BRUNSWICK COUNTY BOARD OF COMMISSIONERS
REGULAR MEETING AGENDA
September 19, 2022
6:00 PM

I. Call to Order

II. Invocation/Pledge of Allegiance

III. Adjustments/Approval of Agenda

IV. Public Comments

V. Approval of Consent Agenda

1. Administration - Rural Development Lease Amendment

   Request Board approval of attached lease amendment for USDA Rural Development Office space in Building F.

2. Clerk to the Board - Meeting Minutes September 6, 2022

   Request the Board of Commissioners approve the meeting minutes for September 6, 2022.

3. County Attorney - Eagle Run, Ph 2, Lots 2000-2042 Deed Of Dedication

   Consider accepting the Deed of Dedication for water and sewer infrastructure in Eagle Run, Phase 2, Lots 2000-2042.

4. County Attorney - Eagle Run, Ph 3A, Lots 3000-3005 & 3062-3068 DOD

   Consider accepting the Deed of Dedication for water and sewer infrastructure in Eagle Run, Phase 3A, Lots 3000-3005 & 3062-3068.

5. County Attorney - Home Place of Southport Deed Of Dedication

   Consider accepting the Deed of Dedication for water infrastructure for Home Place of Southport.

6. Finance - Fiscal Items

   Request that the Board of Commissioners approve Budget Amendments, Capital Project Ordinances, and Fiscal Items of a routine nature on the consent agenda.

   - DSS Temp Positions
   Reallocate DHHS revenues provided to counties to cover a portion of the County's share of administering the FNS program approved at the 11/1/21 board meeting. Funding received was originally used to create four (4) temporary positions to assist with processing Medicaid applications and Medicaid recertifications due to the doubling of Medicaid caseloads at the time. The remaining funds of $114,922 from FY 2022 have been rolled forward as a continuing grant project that will be reallocated to the FNS program due to the workload increases. No budget amendment is required.

7. Health and Human Services - Public Housing: Payment Standards

   Request that the Board of Commissioners approve the Public Housing Payment Standard Plan.

8. Health and Human Services - Social Services - ESSA Plan

   Request the Board of Commissioners review and approve the Every Student Succeeds Act (ESSA) agreement between the Department of Social Services and Brunswick County Board of Education.

9. Operation Services - Main Fuel Site Upgrade

Request that the Board of Commissioners approve the contract with MECO, Inc. of Augusta to complete fuel site upgrades at the Main Fuel Site located at 151 Government Center Drive, Bolivia, NC.

10. Tax Administration - FY 2021-2022 Settlement Report

    Request that the Board of Commissioners receive the FY 2021-2022 Annual Tax Collector's settlement report.

11. Tax Administration - Order of Collection

    Request that the Brunswick County Board of Commissioners adopt and charge the Tax Collector and enter into the minutes an order to collect the taxes charged in the tax records and receipts.

12. Tax Administration - Relief from Collections September 2022

    Request that the Board of Commissioners grant Tax Collector relief from "charge of collections" for three specific instances: (1) on taxes after all collection remedies have been expired (10 years from due date); (2) on personal property insolvents that are five years past due; and (3) on classified motor vehicle taxes that are one year or more past due when it appears that they are uncollectible.

13. Tax Admin - September 2022 Releases

    Request that the Board of Commissioners approve the September 2022 releases.

14. Utilities - EAP Shallotte WWTP Inundation Map Task Order No. 1 (Brent Lockamy, PE - Deputy Director)

    Request that the Board of Commissioners to authorize the Chairman and Clerk to the Board to execute the Task Order No. 1 with McGill Associates in an amount not to exceed $19,500 for engineering services associated with the On-Call Engineering Contract.

15. Utilities - Vermeer Directional Drill Purchase Request (John Nichols, PE - Director of Public Utilities)

    Request that the Board of Commissioners approve the purchase of a Directional Drill machine from Vermeer All Roads for $152,778.40 as an exception to the bidding requirements in accordance with NCGS 143-129(e)(3).

VI. Presentation

1. Governing Board - Resolution - Constitution Week

   Request the Board approve the attached Resolution honoring Constitution Week as September 17-23, 2022

2. Health and Human Services - Health Services – Brunswick County Substance Use & Addiction Commission

   Request that members of the Brunswick County Substance Use and Addiction Commission be allowed to present the latest local and state data and trends of substance misuse to the Board of Commissioners.

3. Tax Administration - Presentation of Schedule of Values for 2023 and Schedule a Public Hearing

   Following the process for adoption of the Schedule of Values as outlined in North Carolina General Statute 105-317 a Public Hearing for the schedule of values will be advertised for October 17, 2022 at 6:00 pm. The schedule is available to the public and a link is posted on the county web page.

VII. Public Hearing

1. Public Hearing - Economic Development

   Request that the Board of Commissioners conduct a Public Hearing to receive

comments regarding a proposed economic development incentive from Brunswick County in the amount of $270,000 to Precision Swiss Products, Inc., and following the public hearing, consider approving the Incentive Agreement.

VIII. Administrative Report

1. Utilities - Distribution Crew Request (John Nichols, PE - Director of Public Utilities)

   Request that the Board of Commissioners approve additional staff, materials, and equipment, as well as explore the use of contractors, for valve operation and water quality testing to facilitate the construction of current and upcoming new sub-division projects, water line relocation, and new construction projects; hydrant testing; tap installation; and the installation of an increased number of residential and irrigation meters.

IX. Other Business/Informal Discussion

X. Closed Session

1. Closed Session

   Request the Board enter closed session pursuant to G.S. 142-318.11(a)(1) to approve closed session minutes, G.S. 142-318.11(a)(3) to consult with the Board's attorney, and G.S. 142-318.11(a)(5) to establish or to instruct the public body's staff or negotiating agents concerning the position to be taken by or on behalf of the public body in negotiating the price and other material terms of a contract or proposed contract for the acquisition of real property by purchase, option, exchange, or lease.

XI. Adjournment

Brunswick County Board of Commissioners
ACTION AGENDA ITEM
September 19, 2022

Action Item # V. - 1.
Administration - Rural Development Lease Amendment

From:
Steve Stone, County Manager

Issue/Action Requested:
Request Board approval of attached lease amendment for USDA Rural Development Office space in Building F.

Background/Purpose of Request:
The amendment is to extend the current USDA Rural Development lease of 995 square feet located at 10 Referendum Drive, Bolivia, NC 28422 for an additional 5 years at a rate of $13,929.96 per year.

Fiscal Impact:
Reviewed By Director of Fiscal Operations

Approved By County Attorney:
Yes

County Manager's Recommendation:
Recommend Board approval of attached lease amendment for USDA Rural development office space in Building F.

ATTACHMENTS:

Description

- Cover Letter for USDA Rural Development Lease Amendment
- USDA Rural Development Lease amendment for signature.
- Copy of original signed base lease for USDA Rural Development lease.

United States Department of Agriculture

Rural Development

Business Center – Real Property Branch

1400 Independence Ave, SW
Washington, DC 20250

YOU MUST MODIFY THIS DOCUMENT TO APPLY TO YOUR ACTION.

June 17, 2022

Brunswick County Government
Attn: Steve Stone
P.O. Box 249
Bolivia, NC 28422

Dear Mr. Stone:

The current lease for the Bolivia, NC USDA Service Center expires on 08/14/2022. We have received authority to extend this lease through 08/14/2027. Per our conversation on 06/16/2022 we have reached agreement to extend the current lease at an annual rent of $13,929.96 at the rate of $1,160.83 per month. The effective date will be as indicated in the Lease Amendment (LA) through 08/14/2027. This will allow the Government time to pursue a new long-term lease. If you are selected as the awardee for a new long-term lease and the long-term lease can be executed prior to the lease extension expiration, the lease extension will become null and void and replaced with the long-term lease.

Enclosed you will find LA #2 for the Bolivia, NC USDA Service Center reflecting the lease extension. After review of the LA documents, please complete the section FOR THE LESSOR (sign, name, title, entity name, and date). Have your signature witnessed (cannot be witnessed by a federal employee) and have that individual complete the section WITNESSED FOR THE LESSOR BY (sign, name, title, and date). Return the LA to us at marcus.patrick@usda.gov.

Additionally, you are required to maintain an active SAM registration. I have reviewed your registration; thank you for keeping your registration active and please ensure that you continue to do so to ensure payments continue uninterrupted.

After review and approval of the LA a final executed copy will be returned to you for your records.

We request submission of the LA documents by 07/10/2022. Thank you for your cooperation on this project. If you have any questions, please feel free to call me at 336-513-3758 or email me at marcus.patrick@usda.gov.

Sincerely,
Marcus Patrick

Marcus Patrick
Lease Contracting Officer
Attachments
cc: Lease File

USDA is an Equal Opportunity Provider and Employer

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL DEVELOPMENT **LEASE AMENDMENT**	LEASE AMENDMENT No. 2 TO LEASE NO. 57-453B-1-1821
ADDRESS OF PREMISES 10 Referendum Drive Bolivia NC 28422	PDN Number: N/A

THIS AMENDMENT is made and entered into between **Brunswick County Government**

whose address is: **P.O. Box 249, Bolivia, NC 28422**

hereinafter called the Lessor, and the **UNITED STATES OF AMERICA**, hereinafter called the Government:

WHEREAS, the parties hereto desire to amend the above Lease to extend the Lease Term.

NOW THEREFORE, these parties for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, covenant and agree that the said Lease is amended, effective **August 15, 2022** as follows:

Effective on **August 15, 2022** the lease period of the above described premises will be extended through **August 14, 2027**.

The Government will pay the lessor annual rent of **$ 13,929.96** at the rate of **$ 1,160.83** per month (representing **995** rentable square feet), in arrears.

Lessor must have an active/updated registration in the System for Award Management (SAM), upon receipt and signing of this Lease Amendment. The registration is to remain Active for the duration of the lease by renewing the registration annually. <u>The Government will not process rental payments against this lease until the lessor obtains an active SAM registration.</u> SAM can be accessed via internet at www.SAM.gov.

This Lease Amendment contains 1 page.

All other terms and conditions of the lease shall remain in force and effect.
IN WITNESS WHEREOF, the parties subscribed their names as of the below date.

FOR THE LESSOR:

Signature: _____
Name: _____
Title: _____
Entity Name: _____
Date: _____

FOR THE GOVERNMENT:

Signature: _____
Name: _____
Title: Lease Contracting Officer

Date: _____

WITNESSED FOR THE LESSOR BY:

Signature: _____
Name: _____
Title: _____
Date: _____

LEASE SUMMARY & CONTACT INFORMATION

Bolivia

PART 1A1 Cover Sheet: Place this sheet as top document of all of the Lease Documents of this part

Lease Number: 57453B11821
Lease Name (CPAIS): RD Bolivia
Location Office Name: Bolivia, NC
Street Address: 10 Referendum Dr. Bldg F.
City/State: Bolivia, NC 28422
Lessor/Representative: Steve Stone
Phone: 910-253-2015
Cell:
Fax: 910-253-2022
Email: steve.stone@brunswickcountync.gov

Effective Date: 8-15-2012
Expiration Date: 8-14-2017
Termination Notice Date:
Termination Notice Days: 120
Option(s): 1 Years: 5
Annual Rent: $ 13930.00
Rentable Square Feet: 995
Usable Square Feet: 995
Collocation: Yes ☑ No ☐
Agency: FSA, NRCS

On-Site Program Contact:
Phone:
Cell:
Email:
Program Contact:
Phone:
Cell:
Email:

Program Region Contact:
Phone:
Cell:
Email:
RPLO Contact: Dana Sessions
Phone: 919-873-2038
Cell:
Email: dana.sessions@nc.usda.gov

Lease Action: Renew Lease ☐ Expand Space ☐ Reduce Space ☐

Lease type: General ☑ Special ☐ Categorical ☐ Authority:

Security Level: I ☑ II ☐ III ☐ IV ☐

Leased Asset Predominant Use: Office (In CPAIS) RPUID:

57453B11821

LEASE CONTRACT - PART 1A

Place this sheet Under Lease Summary & Contact Information form

LEASE CONTRACT	Notes	Date Entered
Fully Executed Lease		
Delivery Confirmation of Lease to lessor		
Distribution List		
Other		

LEASE AMENDMENT(S) & SUPPORTING DOCUMENTS SUMMARY

- LEASE AMENDMENTS WITH RELATED JUSTIFICATIONS AND
- CORRESPONDENCE FILED UNDER EACH COPY
- RENEWAL NOTICES
- ALTERATIONS/SPACE ASSIGNMENTS AND MODIFICATIONS

LA Number	Date	Purpose (Provide brief summary of amendment or document entered)

Place Lease Amendments on top of Lease Contract under the Lease Summary & Contact Information form.
Provide tabs for the lease and each amendment.
Chronologically file the documents with the most current items on top

This Lease is made and entered into between

Brunswick County

("the Lessor"), whose principal place of business is [ADDRESS], and whose interest in the Property described herein is that of Fee Owner, and

The United States of America

("the Government"), acting by and through the designated representative of the , upon the terms and conditions set forth herein.

Witnesseth: The parties hereto, for the consideration hereinafter mentioned, covenant and agree as follows:

The Lessor hereby leases to the Government the Premises described herein, being all or a portion of the Property located at

10 Referendum Drive, Bolivia, NC 28422

and more fully described in Section 1 and Exhibit __, together with rights to the use of parking and other areas as set forth herein.

To Have and To Hold the said Premises with their appurtenances for the term beginning upon acceptance of the Premises as required by this Lease and continuing for a period of

10 Years, 5Years Firm, 120 days termination rights.

subject to termination and renewal rights as may be hereinafter set forth, to be used for such purposes as determined by the

In Witness Whereof, the parties to this Lease evidence their agreement to all terms and conditions set forth herein by their signatures below, to be effective as of the date of delivery of the fully executed Lease to the Lessor.

FOR THE LESSOR:

William M. Sue

Name: William M. Sue

Title: Chairman

Date: 8-15-12

WITNESSED BY:

Deborah Gore

Name: Deborah Gore

Title: Clerk to the Board

Date: 8-15-12

FOR THE GOVERNMENT:

Dana Sessions

[CONTRACTING OFFICER'S NAME]

Lease Contracting Officer

Date: 8-15-12

GSA REQUEST FOR LEASE PROPOSAL NO. 7453B11821 CITY/STATE

USE THIS MODEL IF AGENCY ONLY REQUIRES CARPET, PAINT OR OTHER MINIMAL ALTERATIONS. IF ALTERATIONS REQUIRED, ATTACH SCOPE OF WORK.

Offers due by 09/06/2011

In order to be considered for award, offers conforming to the requirements of the RLP shall be received no later than [time] [time zone] on the date above. See "Receipt Of Lease Proposals" herein for additional information.

This Request for Lease Proposals ("RLP") sets forth instructions and requirements for proposals for a Lease described in the RLP documents. Proposals conforming to the RLP requirements will be evaluated in accordance with the Method of Award set forth herein. The Government will award the Lease, subject to the conditions herein.

The information collection requirements contained in this Solicitation/Contract, that are not required by regulation, have been approved by the Office of Management and Budget pursuant to the Paperwork Reduction Act and assigned the OMB Control No. 3090-0163

Succeeding/Superseding RLP
GSA FORM R102 (05/11)

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REQUEST FOR LEASE PROPOSALS NO. 57453B11821

GSA FORM R102 (05/11)
(Succeeding/Superseding))

SECTION 1 STATEMENT OF REQUIREMENTS

1.01 GENERAL INFORMATION—SUCCEEDING LEASE (APR 2011)

A. This Request for Lease Proposals ("RLP") sets forth instructions and requirements for proposals for a Succeeding Lease where the Government is currently in occupancy and possession of the leased premises. Unless otherwise noted, the Government will accept the leased premises in their current condition, with the exceptions outlined in the RLP documents. Proposals conforming to the RLP requirements will be

evaluated in accordance with the Method of Award set forth below to select an Offeror for award. The Government will award the Lease to the selected Offeror, subject to the conditions below.

B. Included in the RLP documents is a Lease Form (GSA Form L202A) setting forth the Lease Term and other terms and conditions of the Lease contemplated by this RLP and a Lease Proposal Form (Form 1364-S) on which the Offeror shall submit its offered rent and other price data, together with required information and submissions. The Lease clause titled "Definitions, Standards, and Formulas" shall apply to the terms of this RLP.

C. Upon selection for award, the Government will transcribe the successful Offeror's final offered rent and other price data into the Lease form, and transmit the completed Lease Form, together with appropriate attachments, to the successful Offeror for execution. Neither the RLP nor any other part of an Offeror's proposal shall be part of the Lease except to the extent expressly incorporated therein. The Offeror should review the completed Lease Form for accuracy and consistency with the successful offer data on the Offeror's Form 1364C, initial each page of the Lease, and return it to the Lease Contracting Officer ("LCO").

1.02 AMOUNT AND TYPE OF SPACE (APR 2011)

A. The Government is seeking **995** of ABOA square feet (sq. ft.) of space within the existing location. See Section 2 of the Lease for applicable ANSI/BOMA standards.

B. The Government requires **4** reserved and marked parking spaces and **2** general visitor parking. These spaces must be secured and lit in accordance with the Security Requirements set forth in the Lease. The Government requests that the cost of this parking shall be included as part of the rental consideration.

C. As part of this space requirement, the Government may require use of part of the building roof for the installation of antenna(s). If antenna space is required, specifications regarding the type of antenna(s) and mounting requirements are included in the agency special requirements information provided with this RLP.

D. Approximately **0** ABOA sq. ft. required above will be used for the operation of a vending facility by the blind under the provisions of the Randolph-Sheppard Act (20 USC 107 et. seq.). The Government will control the number, kind, and locations of vending facilities and will control and receive income from all automatic vending machines. The Lessor is required to provide necessary utilities and to make related alterations. The cost of the improvements will be negotiated, and payment will be made by the Government, either on a lump-sum basis or a rental increase. The Government will not compete with other facilities having exclusive rights in the building. The Offeror shall advise the Government if such rights exist.

The RLP documents consist of:

DOCUMENT NAME	NO. OF PAGES
This Request for Lease Proposals (Form R102A)	
Lease No. XX-XX-XXXXX (Form L-202A)	
GSA Form 1364S, Proposal to Lease Space	
GSA Form 1217, Lessor's Annual Cost Statement	
GSA Form 3517B, General Clauses	
GSA Form 3518, Representations and Certifications	
Agency Special Requirements	
GSA Form 12000, Prelease Fire Protection and Life Safety Evaluation for a Low-Rise Office Building	
~~Prelease Building Security Plan~~	
~~Building Security Unit Price List~~	

1.03 AMENDMENTS TO THE RLP (APR 2011)

This RLP may be amended by notice from the LCO. Amendments may modify the terms of this RLP, or the terms, conditions, and requirements of the Lease contemplated by the RLP (including the Agency Special Requirements).

1.04 AUTHORIZED REPRESENTATIVES (APR 2011)

With respect to all matters relating to this RLP, only the Government's LCO designated below shall have the authority to amend the RLP and award a Lease.

Lease Contracting Officer:

Dana Sessions
USDA – RD
4405 Bland Road, Ste 260, Raleigh, NC 27609
919-873-2038
919-873-2008 [Fax]

DANA.SESSIONS@NC.USDA.GOV

As to all other matters, Offerors may contact the designated Government Contact below.

Designated Government Lease Contracting Officer's Representative:

Rossie Bullock
P.O. Box 7426, Lumberton, NC 28359
910-739-3349
910-618-9444 [Fax]
ROSSIE.BULLOCK@NC.USDA.GOV

1.05 LEASE DESCRIPTION—SUCCEEDING (APR 2011)

Offeror is encouraged to examine carefully the Lease form included in the RLP documents to understand the Government's and the Lessor's respective rights and responsibilities under the contemplated Lease.

The Lease contemplated by this RLP is included in the RLP documents, and includes:

A. The term of the Lease, and renewal option, if any.

B. Terms and Conditions of the Lease, including Definitions, Standards, and Formulas applicable to the Lease and this RLP.

C. Building Shell standards and requirements.

D. Information concerning the tenant agency's buildout requirements, to be supplemented after award.

E. A description of all services to be provided by the Lessor.

Should the Offeror be awarded the Lease, the terms of the Lease will be binding upon the Lessor without regard to any statements contained in this RLP. Notwithstanding the foregoing, the following is provided to assist Offeror in understanding the nature of the Lease.

The Succeeding Lease contemplated by this RLP is a fully serviced Lease with a fixed rent, to include all real estate taxes, operating costs, security-upgrade costs and Tenant improvement costs. Rent will be based upon a proposed rental rate per rentable square foot (rsf), limited by the offered rate and the ABOA square feet (sq. ft.) solicited under this RLP.

Finally, offeror should understand that doing business with the Government carries special responsibilities with respect to sustainability, fire and life safety, and security, as well as other requirements not typically found in private commercial leases. These are set forth both in the Lease form and in the attached Form 3517B, General Clauses, which will be part of the Lease.

1.06 RELATIONSHIP OF RLP BUILDING MINIMUM REQUIREMENTS AND LEASE OBLIGATIONS (APR 2011)

The Lease establishes various requirements relating to the building shell; such requirements are not deemed Tenant Improvements (TIs). Certain of these requirements are established as minimum requirements in this RLP. If the Lessor's building does not meet the requirements at the time of award, the Lessor may still be awarded the Lease. However, as a condition of award, the Lessor will be required to identify those building improvements that will bring the building into compliance with RLP requirements. Upon award of the Lease, completion of those building improvements will become Lease obligations.

1.07 SECURITY LEVEL DETERMINATION FOR FACILITY HOUSING OTHER FEDERAL TENANTS – SUCCEEDING (APR 2011)

If an Offeror is offering space in a facility currently housing another federal agency, the security requirements of the facility may be increased and the Offeror may be required to adhere to a higher security standard. If two or more federal space requirements are being procured at the same time, and the Offeror is submitting on both or more space requirements, the Offeror may be subject to a higher security standard if determined to be the successful Offeror on more than one space requirement. It is incumbent upon the Offeror to prepare the Offeror's proposal accordingly.

1.08 ADDITIONAL SECURITY MEASURES AS DETERMINED BY THE GOVERNMENT (APR 2011)

The Lease contemplated by this RLP may include additional building requirements and other obligations relating to security. See "List of RLP Attachments herein for any Additional Security Requirements attached. To be eligible for award, the Offeror shall provide a Pre-Lease Building Security Plan with its offer that addresses its compliance with these requirements. The Government reserves the right, prior to the submission of final revised proposals, to require additional security measures to meet specific tenant occupancy requirements, as may be determined by the Government's building security assessment or any type of Government risk assessment evaluation of the proposed building, location, and tenant mix.

SECTION 2 ELIGIBILITY AND PREFERENCES FOR AWARD

2.01 FLOOD PLAINS (SIMPLIFIED) (APR 2011)

An award of contract will not be made for any offered property located within a 100 year floodplain unless the Government has determined that there is no practicable alternative. An Offeror may offer less than its entire site in order to exclude a portion of the site that falls within a floodplain, so long as the portion offered meets all the requirements of this RLP. If an Offeror intends that the offered property that will become the demised premises for purposes of this Lease will be something other than the entire site as recorded in tax or other property records the Offeror shall clearly demarcate the offered property on its site plan/map submissions and shall propose an adjustment to property taxes on an appropriate pro rata basis. For such an offer, the Contracting Officer, in its sole discretion, may determine that the offered property does not adequately avoid development in a 100 year floodplain.

Because the Proposed Project involves activities that have been deemed critical actions as that term is defined in _____ an award of contract will not be made for any offered property located within a 500 year floodplain unless the Government has determined that there is no practicable alternative. An Offeror may offer less than its entire site in order to exclude a portion of the site that falls within a floodplain, so long as the portion offered meets all the requirements of this RLP. If an Offeror intends that the offered property that will become the demised premises for purposes of this Lease will be something other than the entire site as recorded in tax or other property records the Offeror shall clearly demarcate the offered property on its site plan/map submissions and shall propose an adjustment to property taxes on an appropriate pro rata basis. For such an offer, the LCO, in his sole discretion, may determine that the offered property does not adequately avoid development in a 500 year floodplain.

2.02 MEANS OF EGRESS (APR 2011)

A. Offered space shall meet the applicable egress requirements in the National Fire Protection Association, Life Safety Code (NFPA 101) or the International Code Council, International Building Code (IBC), (both current as of the award date of this lease); or an alternative approach or method for achieving a level of safety deemed equivalent and acceptable by the Government.

B. Offered space has unrestrictive access to a minimum of two remote exits on each floor of Government occupancy.

C. Interlocking or scissor stairs located on the floor(s) where offered space is located shall only count as one exit stair.

D. A fire escape located on the floor(s) where offered space is located shall not be counted as an approved exit stair.

E. Doors shall not be locked in the direction of egress unless equipped with special locking hardware in accordance with requirements of NFPA 101 or the IBC.

2.03 AUTOMATIC FIRE SPRINKLER SYSTEM (APR 2011)

A. Offered space located below-grade, including parking garage areas, and all areas in a building referred to as "hazardous areas" (defined in NFPA 101) that are located within the entire building (including non-Government areas) shall be protected by an automatic fire sprinkler system or an equivalent level of safety.

B. For buildings in which any portion of the offered space is on or above the sixth floor, then, at a minimum, the building up to and including the highest floor of Government occupancy shall be protected by an automatic fire sprinkler system or an equivalent level of safety.

C. For buildings in which any portion of the offered space is on or above the sixth floor, and lease of the offered space will result, either individually or in combination with other Government leases in the offered building, in the Government leasing 35,000 square feet or more ANSI/BOMA Office Area square feet of space in the offered building, then the entire building shall be protected throughout by an automatic fire sprinkler system or an equivalent level of safety.

D. Automatic sprinkler system(s) shall be maintained in accordance with the requirements NFPA 25, *Standard for the Inspection, Testing, and Maintenance of Water-based Fire Protection Systems* (current as of the award date of this lease), or the applicable local codes.

E. DEFINITIONS:

1. "Automatic sprinkler system" means an electronically supervised, integrated system of underground and overhead piping, designed in accordance with National Fire Protection Association (NFPA) 13, *Installation of Sprinkler Systems*. The system is usually activated by heat from fire and discharges water over the fire area. The system includes an adequate water supply.

2. "Equivalent level of safety" means an alternative design or system (which may include automatic sprinkler systems), based upon fire protection engineering analysis, which achieves a level of safety equal to or greater than that provided by automatic sprinkler systems.

2.04 AUTOMATIC FIRE SPRINKLER SYSTEM (APR 2011)

A. Offered space located below-grade, including parking garage areas, and all areas in a building referred to as "hazardous areas" (defined in NFPA 101) that are located within the entire building (including non-Government areas) shall be protected by an automatic fire sprinkler system or an equivalent level of safety.

B. For buildings in which any portion of the offered space is on or above the sixth floor, then, at a minimum, the building up to and including the highest floor of Government occupancy shall be protected by an automatic fire sprinkler system or an equivalent level of safety.

C. For buildings in which any portion of the offered space is on or above the sixth floor, and lease of the offered space will result, either individually or in combination with other Government leases in the offered building, in the Government leasing 35,000 square feet or more ANSI/BOMA Office Area square feet of space in the offered building, then the entire building shall be protected throughout by an automatic fire sprinkler system or an equivalent level of safety.

D. Automatic sprinkler system(s) shall be maintained in accordance with the requirements NFPA 25, *Standard for the Inspection, Testing, and Maintenance of Water-based Fire Protection Systems* (current as of the award date of this lease), or the applicable local codes.

E. DEFINITIONS:

1. "Automatic sprinkler system" means an electronically supervised, integrated system of underground and overhead piping, designed in accordance with National Fire Protection Association (NFPA) 13, Installation of Sprinkler Systems. The system is usually activated by heat from fire and discharges water over the fire area. The system includes an adequate water supply.

2. "Equivalent level of safety" means an alternative design or system (which may include automatic sprinkler systems), based upon fire protection engineering analysis, which achieves a level of safety equal to or greater than that provided by automatic sprinkler systems.

2.05 FIRE ALARM SYSTEM (APR 2011)

A. A building-wide fire alarm system shall be installed in buildings in which any portion of the offered space is located on the third floor or higher. The fire alarm system shall meet the installation requirements of the applicable local codes and ordinances adopted by the jurisdiction or NFPA 72, *National Fire Alarm and Signaling Code,"* current as of the award of the lease.

B. The fire alarm system shall be maintained in accordance with the requirements of the applicable local codes or NFPA 72, National Fire Alarm and Signaling *Code* (current as of the award of the lease).

C. The fire alarm system wiring and equipment shall be supervised electrically and shall automatically notify the local fire department, remote station, or UL listed central station.

D. If a building's fire alarm control unit is over 25 years old, the Offeror shall install a new fire alarm system in accordance with the requirements of NFPA 72, *National Fire Alarm Code* (current as of the award of the lease) or applicable local codes prior to Government acceptance and occupancy of the offered space.

2.06 CARPET SPECIFICATIONS (APR 2011)

A. Carpet must have third party certification in accordance with ANSI/NSF 140 2007e Sustainable Carpet Assessment Standard, at a "Gold" level minimum.

B. Face Fiber Content. Face yarn shall be 100 percent nylon fiber. Loop Pile shall be 100 percent Bulk Continuous Filament (BCF); cut and loop shall be 100 percent BCF for the loop portion and may be BCF or staple for the cut portion; and cut pile carpet shall be staple or BCF.

C. Performance Requirements for Broadloom and Modular Tile:

- Static. Less than or equal to 3.5 kV when tested by AATCC Test Method 134 (Step Test Option).
- Flammability. Meets CPSC-FF-1-70, DOC-FF-1-70 Methenamine Tablet Test criteria.
- Flooring Radiant Panel Test. Meets NFPA Class I or II depending upon occupancy and fire code when tested under ASTM E-648 for glue down installation.
- Smoke Density. NBS Smoke Chamber - Less than 450 Flaming Mode when tested under ASTM E-662.

D. Additional Requirements for Broadloom:

- Edge ravel. Minimum 1 lb., loop pile only - ASTM D-7267.
- Delamination. Minimum 3.5 lb. per inch of width - ASTM D-3936.
- Tuft bind. Minimum 10 lb. average tuft bind for loop pile - ASTM D-1335.

E. Additional requirement for modular tile:

Tuft bind minimum 8 lb. average tuft bind for loop pile—ASTM D-1335.

F. Texture Appearance Retention Rating (TARR). Meet TARR ratings specified below:

SPACE DEFINITION	TRAFFIC CLASSIFICATION	TARR CLASSIFICATION
Private Offices	Moderate	≥ 3.0 TARR
Training, conference, courtrooms, etc.	Heavy	≥ 3.0 TARR
Open office, cafeteria, corridors, lobbies	Severe	≥ 3.5 TARR

The carpet must be evaluated using ASTM D-5252 Hexapod Drum Test as per the commercial carpet test procedure and the TARR classification determined using ASTM D-7330.

G. Warranty. Submit a copy of the manufacturer's standard warranty to the Lease Contracting Officer within the first 60 days of Government occupancy. The government is to be a beneficiary of the terms of this warranty.

2.07 SEISMIC SAFETY (GSA REGIONS OTHER THAN 8, 9, AND 10)—SUCCEEDING (APR 2011)

A. The offer received in response to this RLP will be evaluated to determine whether the offers fully meet National Institute of Standards and Technology (NIST) NISTIR 5382, Interagency Committee on Seismic Safety in Construction (ICSSC) RP 4, Standards of Seismic Safety for Existing Federally Owned or Leased Buildings, as modified below. If offer does not meet seismic safety requirements fully or substantially, the Government may elect to make no Lease award.

B. "Fully meets" as used herein with regard to the seismic safety requirements means that the Offeror has provided a written certification (example available for the LCO) with the initial offer, from a licensed structural engineer certifying that both the building design and construction are in full compliance with the life-safety performance level of NISTIR 5382, ICSSC RP 4, Standards of Seismic Safety for Existing Federally Owned or Leased Buildings, AS MODIFIED HEREIN:

1. FEMA-178, NEHRP Handbook for the Seismic Evaluation of Existing Buildings, will be replaced with FEMA-310, Handbook for the Seismic Evaluation of Buildings: A Prestandard.

2. Section 1.3.1, Post-Benchmark Buildings (Table 1: Advisory Benchmark Years) will be replaced with the table below.

FEMA 178[1]	Building Type	BOCA	SBCC	UBC	ANSI	NEHRP
1, 2	Wood Frame, Wood Shear Panels	**	**	1949	**	**
3	Steel Moment Resisting Frame (MRF)	1987	1991	1976	1982	1985
4	Steel Braced Frame	1990	1991	1988	*	1991
5	Light Metal Frame	*	*	*	*	*
6	Steel Frame w/Concrete Shear Walls	1987	1991	1976	1982	1985
8	Reinforced Concrete Moment Resisting Frame	1987	1991	1976	1982	1985
9	Reinforced Concrete Shear Walls w/o MRF	1987	1991	1976	1982	1985
10,7	Steel or Concrete Frame w/URM Infill	*	*	*	*	*
11	Tilt-up Concrete	1987	1991	1973	1982	1985
12	Precast Concrete Frame	*	*	*	*	*
13, 14	Reinforced Masonry	1987	1991	1976	1982	1985
15	Unreinforced Masonry (URM)	*	*	*	*	*

* Indicates no benchmark year (no comprehensive seismic requirements for these buildings exist).
** Local provisions for wood construction need to be compared to 1949 UBC to determine benchmark year.

BOCA—Building Officials and Code Administrators, National Building Code.
SBCC—Southern Building Code Congress International, Standard Building Code.
UBC—International Conference of Building Officials, Uniform Building Code.
ANSI—American National Standards Institute, A58.1, Minimum Design Loads for Buildings and Other Structures.
NEHRP—Recommended Provisions for the Development of Seismic Regulations for New Buildings and Other Structures, Federal Emergency Management Agency

3. Section 1.3.2, Leased Buildings, shall be revised as follows:

"a. Buildings leased by the Federal Government are exempt from these standards if both of the following apply:
i. The leased space is 10,000 square feet or less AND
ii. The Federal Government Leases less than 50 percent (%) of the total building square footage."

4. FEMA-310, See the Handbook for the Seismic Evaluation of Buildings: A Prestandard, at www.degenkolb.com/0_0_Misc/0_1_FEMADocuments/fema310/prestnd.html.

[1] The 15 common building types as they are defined in FEMA-178.

5. NISTIR 5382, ICSSC RP 4, Standards of Seismic Safety for Existing Federally Owned or Leased Buildings, can be obtained from the Building and Fire Research Laboratory, National Institute of Standards and Technology, Gaithersburg, MD 20899, or at http://www.fire.nist.gov/bfrlpubs/build94/PDF/b94037.pdf

C. "Substantially meets" as used herein with regard to the seismic safety requirements will be determined by the Government based upon the Offeror's evaluation by a licensed structural engineer that specifically describes all exceptions to full compliance with the Model Building Seismic Design Provisions as shown in the Benchmark Buildings table above. The Offeror shall evaluate the building by using FEMA-310 and shall identify all deficiencies. Documentation of this evaluation shall be made available to the Government.

2.08 SEISMIC SAFETY (GSA REGIONS 8, 9, AND 10)—SUCCEEDING (APR 2011)

A. Definitions. For the purpose of this paragraph:

1. "Engineer" means a professional civil or structural engineer licensed in the state where the property is located.

2. "ASCE/SEI 31" means, American Society of Civil Engineers Standard "Seismic Evaluation of Existing Buildings." ASCE/SEI 31 can be purchased from ASCE at (800) 548-2723, or at http://www.pubs.asce.org.

3. "RP 6" means, "Standards of Seismic Safety for Existing Federally Owned and Leased Buildings and Commentary," issued by the Interagency Committee on Seismic Safety in Construction as ICSSC RP 6 and the National Institute of Standards and Technology as NISTIR 6762. RP 6 can be obtained from the Building and Fire Research Laboratory, National Institute of Standards and Technology, Gaithersburg, MD 20899, or at http://fire.nist.gov/bfrlpubs/build02/PDF/b02006.pdf.

4. "Seismic Standards" means the Life Safety Performance Level of RP 6, unless otherwise specified.

5. "Seismic Certificate" means a certificate executed by an Engineer on the Certificate of Seismic Compliance form included with this RLP, together with any required attachments.

6. "Tier 1 Evaluation" means an evaluation by an Engineer in accordance with Chapters 2.0 and 3.0 of ASCE/SEI 31. A Tier 1 Evaluation must include the appropriate Structural, Nonstructural and Geologic Site Hazards and Foundation Checklists.

7. "Tier 2 Evaluation" means an evaluation by an Engineer in accordance with Chapter 4.0 of ASCE/SEI 31.

8. "Tier 3 Evaluation" means an evaluation by an Engineer in accordance with Chapter 5.0 of ASCE/SEI 31.

B. Seismic Requirements. The Government intends to award a Lease to an Offeror of a building that meets the Seismic Standards. If offer does not meet seismic safety requirements, GSA may elect to make no Lease award.

C. To meet the Seismic Standards, an offer must include either a Seismic Certificate establishing that the offered building complies with the Seismic Standards or a commitment to renovate the building to comply with the Seismic Standards prior to delivery of the space. Buildings can meet the seismic standards in the following ways:

1. Be a Benchmark Building per RP 6 standards (see paragraph a., below).

2. Provide a certificate per a Tier 1 evaluation (see paragraph b. below).

3. Provide a certificate per a Tier 2 or Tier 3 evaluation (see paragraph c., below).

4. Provide plans as to how the Offeror proposes to renovate the building to meet the requirements of RP 6 (see paragraph d, below).

a. A Benchmark Building is one that was designed and built in accordance with adequate seismic provisions, which are considered to provide acceptable life-safety protection. The determination of benchmark years is complex and varies with building location, age, structural system, and governing building code. A table of benchmark years is provided in Table 1-1. Note that, if the seismicity of a region has changed since the benchmark dates listed in Table 1-1, a building must have been designed and constructed or evaluated in accordance with the current seismicity of the region to be compliant with the Standards. Only buildings designed and constructed in accordance with the documents listed in Table 1-1 and being evaluated to the Life-Safety Performance Level may be considered Benchmark Buildings.

BENCHMARK BUILDINGS (Table 3-1 of FEMA-310)				
BUILDING TYPE[2,3]	Model Building Seismic Design Provisions			
	BOCA[ls]	SBCCI[ls]	UBC[ls]	NEHRP[ls]
Wood Frame, Wood Shear Panels (Type W1 and W2)[3]	1992	1993	1976	1985
Wood Frame, Wood Shear Panels (Type W1A)	1992	1993	1976	1985
Steel Moment-Resisting Frame (Type S1 and S1A)	**	**	1994[4]	**
Steel Braced Frame (Type S2 and S2A)	1992	1993	1988	1991
Light Steel Frame (Type S3)	*	*	*	*
Steel Frame w/Concrete Shear Walls (Type S4)	1992	1993	1976	1985
Reinforced Concrete Moment-Resisting Frame (Type C1)[5]	1992	1993	1976	1985
Reinforced Concrete Shear Walls (Type C2 and C2A)	1992	1993	1976	1985
Steel Frame with URM Infill (Type S5 and S5A)	*	*	*	*
Concrete Frame with URM Infill (Type C3 and C3A)	*	*	*	*
Tilt-up Concrete (Type PC1 and PC1A)	*	*	1997	*
Precast Concrete (Type PC2 and PC2A)	*	*	*	*
Reinforced Masonry (Type RM1)	*	*	1997	*
Reinforced Masonry (Type RM2)	1992	1993	1976	1985
Unreinforced Masonry (Type URM)[6]	*	*	1991[7]	*
Unreinforced Masonry (Type URMA)[8]	*	*	*	*

* No benchmark year; building will be evaluated using FEMA-310.

** Local provisions will be compared with the UBC.

ls Only buildings designed and constructed or evaluated in accordance with these documents and being evaluated to the Life-Safety Performance Level may be considered Benchmark Buildings.

BOCA—Building Officials and Code Administrators, National Building Code.
SBCCI—Southern Building Code Congress International, Standard Building Code.
UBC—International Conference of Building Officials, Uniform Building Code.
NEHRP—Recommended Provisions for the Development of Seismic Regulations for New Buildings and Other Structures, Federal Emergency Management Agency

b. The Offeror shall provide, with its initial offer, a Seismic Certificate. This certificate must be based upon a Tier 1 Evaluation and include the checklists from the Tier 1 Evaluation.

c. If the Tier 1 Evaluation does not demonstrate compliance with the Seismic Standards, the Offeror may obtain a Tier 2 or Tier 3 Evaluation in order to demonstrate compliance with the Seismic Standards. If the Offeror submits a Seismic Certificate based on a Tier 2 or Tier 3 Evaluation, the data, working papers, and reports from such evaluation must be made available to the Government. The LCO, at his discretion, may allow an Offeror to submit a Seismic Certificate after the deadline for best and final offers. However, the LCO is not obligated to delay award in order to enable an Offeror to submit a Seismic Certificate.

d. If the Offeror proposes to renovate the building in order to meet the Seismic Standards, the Offeror must provide the construction schedule with the offer. All design and construction documents for the renovation, including structural calculations, drawings, specifications, geotechnical report(s), etc., shall be made available to the Government prior to construction. If the offer includes a commitment to renovate the building to meet the Seismic Standards, the Lessor must deliver a Seismic Certificate establishing that the building conforms to the Seismic Standards prior to delivery of the space to the Government; the space shall not be considered substantially complete until an acceptable Seismic Certificate has been delivered to the LCO.

2.09 ASBESTOS (APR 2011)

A. Offers are requested for space with no asbestos-containing materials (ACM), or with ACM in a stable, solid matrix (e.g., asbestos flooring or asbestos cement panels), which is not damaged or subject to damage by routine operations. For purposes of this paragraph, "space" includes the 1) space offered for Lease; 2) common building area; 3) ventilation systems and zones serving the space offered; and 4) the area above suspended ceilings and engineering space in the same ventilation zone as the space offered. If no offers are received for such space, the Government may consider space with thermal system insulation ACM (e.g., wrapped pipe or boiler lagging), which is not damaged or subject to damage by routine operations.

B. ACM is defined as any materials with a concentration of greater than 1 percent by dry weight of asbestos.

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2 One of the Common Building Types defined in FEMA-310, Table 2-2 (pgs. 2-6 through 2-10).

3 Buildings on hillside sites will not be considered Benchmark Buildings.

4 Steel Moment-Resisting Frame Connections shall comply with the 1994 BBC Emergency Provisions, the 1997 BBC, the 1997 DISC Seismic Provisions, the 2000 IBC or FEMA 350, or the analytical evaluation provisions of FEMA 351.

5 Flat Slab Buildings will not be considered Benchmark Buildings.

6 Buildings with thin-walled steel tubes in braced frames shall not be considered Benchmark Buildings.

7 URM buildings evaluated using the ABK Methodology (ABK, 1984) may be considered Benchmark Buildings.

8 Refers to the BCBC.

C. Space with ACM of any type or condition may be upgraded by the Offeror to meet conditions described in paragraph A by abatement (removal, enclosure, encapsulation, or repair) of ACM not meeting those conditions. If any offer involving abatement of ACM is accepted by the Government, the successful Offeror will be required to successfully complete the abatement in accordance with OSHA, EPA, Department of Transportation (DOT), state, and local regulations and guidance prior to occupancy.

D. Management Plan. If space is offered which contains ACM, the Offeror shall submit an asbestos-related management plan for acceptance by the Government prior to Lease award. This plan shall conform to EPA guidance.

2.10 FIRE AND LIFE SAFETY ACCESSIBILITY (APR 2011)

The Lease contemplated by this RLP contains building requirements for Fire and Life Safety and Accessibility. In order to be eligible for award, Offerors must either:

A. Verify in the Lease proposal that the building in which space is offered meets the Lease requirements, or

B. Include as a specific obligation in its Lease proposal that improvements to bring the building into compliance with Lease requirements will be completed prior to acceptance of the Space.

2.11 ENERGY INDEPENDENCE AND SECURITY ACT (APR 2011)

A. The Energy Independence and Security Act (EISA) establishes requirements for Government leases relating to energy efficiency standards and potential cost effective building system improvements.

B. Unless one of the statutory exceptions listed in paragraph C applies, GSA may award a lease for a building only if the building has earned the ENERGY STAR® Label conferred by the Environmental Protection Agency (EPA) within the most recent year prior to the due date for final proposal revisions. The term "most recent year" means that the date of award of the ENERGY STAR® label by EPA must not be more than 1 year prior to the due date of final proposal revisions. For example, an ENERGY STAR® Label awarded by EPA on October 1, 2010 is valid for all lease procurements where final proposal revisions are due on or before September 30, 2011. All new buildings being specifically constructed for GSA must achieve an ENERGY STAR® Label within 18 months after occupancy by the Government.

C. EISA allows a Federal agency to lease space in a building that does not have an ENERGY STAR® Label if:

1. No space is offered in a building with an ENERGY STAR® Label in the delineated area that meets RLP requirements, including location needs;

2. The agency will remain in a building it currently occupies;

3. The lease will be in a building of historical, architectural, or cultural significance listed or eligible to be listed on the National Register of Historic Places; or

4. The lease is for 10,000 rentable square feet or less.

D. If one or more of the statutory exceptions applies, and the offered space is not in a building that has earned the ENERGY STAR® Label within one year prior to the due date for final proposal revisions, Offerors are required to include in their lease proposal an agreement to renovate the space for all energy efficiency and conservation improvements that it has determined would be cost effective over the firm term of the lease, if any, prior to acceptance of the space (or not later than one year after the Lease Award Date of a succeeding or superseding lease). Such improvements may consist of, but are not limited to, the following:

1. Heating, Ventilating, and Air Conditioning (HVAC) upgrades, including boilers, chillers, and Building Automation System (BAS)/Energy Monitoring/Management Control System (EMCS).

2. Lighting Improvements.

3. Building Envelope Modifications.

NOTE: Additional information can be found on http://www.gsa.gov/leasing under "Green Leasing."

E. The term "cost effective" means an improvement that will result in substantial operational cost savings to the landlord by reducing electricity or fossil fuel consumption, water, or other utility costs. The term "operational cost savings" means a reduction in operational costs to the landlord through the application of building improvements that achieve cost savings over the firm term of the lease sufficient to pay the incremental additional costs of making the building improvements.

F. Instructions for obtaining an ENERGY STAR® Label are provided at http://www.energystar.gov/eslabel (use "Portfolio Manager" to apply). ENERGY STAR® tools and resources can be found at www.energystar.gov. The ENERGY STAR® Building Upgrade Manual (http://www.energystar.gov/bldgmanual) and Building Upgrade Value Calculator (http://www.energystar.gov/financialevaluation) are tools which can be useful in considering energy efficiency and conservation improvements to buildings.

G. If one or more of the statutory exceptions applies, and the offered space is not in a building that has earned the ENERGY STAR® Label within one year prior to the due date for final proposal revisions, the successful Offeror will be excused from performing any agreed-to energy efficiency and conservation renovations if it obtains the Energy Star Label prior to the Government's acceptance of the space (or not later than one year after the Lease Award Date for succeeding and superseding leases).

H. If no improvements are proposed, the Offeror must demonstrate to the Government using the ENERGY STAR® Online Tools why no energy efficiency and conservation improvements are cost effective. If such explanation is unreasonable, the offer may be rejected.

SECTION 3 HOW TO OFFER

3.01 GENERAL INSTRUCTIONS (APR 2011)

Offerors are required to prepare a complete offer, using the forms provided with this RLP, and submit the completed lease proposal package to the Government as indicated below.

3.02 RECEIPT OF OFFERS (APR 2011)

A. In order to be considered for award, offers conforming to the requirements of the RLP shall be received no later than [time] [time zone] on the following date, at the following designated office and address:

Date: 09/06/2011

Office: USDA – RD State Office; Attn: Dana Sessions

Address: 4405 Bland Road, Ste. 260, Raleigh, NC 27609

B. Offers sent by United States mail or hand delivered (including delivery by commercial carrier) shall be deemed timely if delivered to the address of the office designated for receipt of offers on or before the date and time established for receipt of offers.

C. There will be no public opening of offers, and all offers will be confidential until the Lease has been awarded. However, the Government may release proposals outside the Government such as to support contractors to assist in the evaluation of offers. Such Government contractors shall be required to protect the data from unauthorized disclosure

3.03 PRICING TERMS—SUCCEEDING (APR 2011)

OfferorshallsubmittotheL
ease Contracting Officer the following documents:

A. GSA Form 1364S, Proposal to Lease Space. Complete both pages of the 1364-S, including, but not limited to—

1. A fully serviced lease rate per ABOA and RSF, clearly itemizing the building Shell and Tenant Improvement (TI) rental rates Building Specific Security rate, Operating Costs, and Parking (itemizing all costs of parking above base local code requirements, or otherwise already included in shell rent).

2. Shell Rental. All improvements in the base building, lobbies, common areas, and core areas shall be provided by the Lessor, at the Lessor's expense. This building-shell rental rate shall include, but not be limited to, property financing (exclusive of TIs), insurance, taxes, management, profit, etc., for the building. The building-shell rental rate shall also include all basic building systems and common area buildout, including base building lobbies, common areas, core areas, etc., exclusive of the ABOA space offered as required in this RLP.

3. The annual cost per ABOA and rentable square foot (RSF) for the cost of services and utilities. This equals line 27 of GSA Form 1217, Lessor's Annual Cost Statement, divided by the building size (shown on the top of both GSA Form 1364, Proposal to Lease Space, and Form 1217) for ABOA and RSF, respectively.

4. The annual rental rate per ABOA and rentable square foot (RSF) for Tenant Improvements. This shall be all alterations as described and defined in the RLP and Lease for the Government-demised area above the building shell and Building Specific Amortized Security (BSS) buildout.

5. The annual amortized cost of the Building Specific Amortized Security, if any. Such amortization shall be expressed as a cost per ABOA and RSF per year. Refer to the Lease Security Standards section in the Lease and the Building Security Unit Cost List.

6. A fully serviced lease rate per ABOA and RSF for that portion of the Lease term extending beyond the firm term. The rate proposed for this portion of the term shall not reflect any TIs as they will have been fully amortized over the firm term.

7. An hourly overtime rate for overtime use of heating and cooling. **NOTE:** Refer to the Lease for additional guidance.

8. Adjustment for Vacant Leased Premises. **NOTE:** Refer to the Lease for additional guidance

9. Indicate any rent concessions being offered either on the GSA Form 1364C, "Proposal to Lease Space," or in separate correspondence.

B. GSA Form 1217, Lessor's Annual Cost Statement. Column A of the GSA Form 1217, Line 31(a) will be used to reflect any agreement between LESSOR AND the Lessor Representative agent(s), broker(s), property manager, developer, employee, or any other agent or representative (expressed in either % or $)

C. Building Security Unit Price List.

D. GSA Form 3518, Representations and Certifications. NOTE: This must be completed and signed by the Owner, not a representative.

E. .

3.04 BUILDING, SITE INFORMATION AND OTHER SUBMITTAL REQUIREMENTS (APR 2011)

Offeror shall also submit with its offer the information concerning and documentation of the following:

- Evidence of ownership or control of site.
- The Offeror must have an active registration in the Central Contractor Registration (CCR) System (via the Internet at http://www.ccr.gov) prior to submission of final proposal revisions.
- A completed GSA Form 12000 for Pre-lease Fire Protection and Life Safety Evaluation. If the offered space is 10,000 square feet or less and on the first floor, this submission is not required unless specifically requested by the Government.
- A copy of the valid Certificate of Occupancy or a copy of a report prepared by licensed fire protection engineer verifying the offered space meets or will be constructed to meet all applicable local codes and ordinances.
- Submit either a certification or a commitment to deliver the space to the Government in accordance with the "Seismic Safety" paragraph of the RLP.
- A copy of pre-lease building security plan addressing offer compliance with lease security standards found in the attached Lease.
- If the offered building contains asbestos-containing materials, provide an asbestos management plan.
- As provided in the "Amount and Type of Space" paragraph in the section of the RLP titled "STATEMENT OF REQUIREMENTS," advise whether there are existing vending facilities in the offered building that have exclusive rights in the building. Evidence shall include copies of signed Leases, construction contracts, or other documentation as deemed acceptable by the Lease Contracting Officer.

- Proof of the ENERGY STAR® label from EPA for the most recent twelve months. If the offered building will not have an ENERGY STAR® label in accordance with the statutory exceptions listed in the "ENERGY INDEPENDENCE AND SECURITY ACT" paragraph, a written statement addressing which energy efficiency and conservation improvements can be made to the building must be submitted. For succeeding and superseding leases, all improvements must be completed **no later than one (1) year after signing the lease**.

- If no improvements can be made, the Offeror must demonstrate to the Government using the ENERGY STAR® Online Tools in the RLP paragraph entitled "ENERGY EFFICIENCY AND CONSERVATION," why no energy efficiency and conservation improvements are cost effective. This explanation will be subject to review by the contracting officer. If the explanation is considered unreasonable, the offer may be considered technically unacceptable.

- If the Offeror requests any deviations, GSA at its sole discretion will, pending legal review, make the decision whether or not to accept the deviation. If the Government agrees to any deviations in the General Clauses, other offerors will be advised of acceptable alternative(s). Any deviations must be requested prior to the request for Final Proposal Revisions.

3.05 TENANT IMPROVEMENTS—SUCCEEDING (APR 2011)

The TIs for this requirement shall consist of the following:

XX Repainting of the leased premises in accordance with the "Painting—TI" paragraph of the Lease.

XX Re-carpeting of the leased premises in accordance with the "Floor Coverings and Perimeters—TI" paragraph of the Lease.

XX Other—IT work is limited to running lines and installing quad plates where needed. Please discuss with Representative Bullock prior to work.

All TIs required by the Government for occupancy shall be performed by the successful Offeror as part of the rental consideration, and all improvements shall meet the quality standards and requirements of this RLP package and its attachments.

3.06 UTILITIES SEPARATE FROM RENTAL / BUILDING OPERATING PLAN (APR 2011)

The Offeror shall specify which utilities, if any, are excluded from the rental consideration. If any such utilities are excluded, the Offeror shall obtain a statement from a registered professional engineer stating that all HVAC, plumbing, and other energy intensive building systems can operate under the control conditions stated in this RLP. The statement shall also identify all building systems which do not conform to the system performance values, including the "recommended" or "suggested" values of ANSI/ASHRAE Standard 90.1, *Energy Efficient Design of New Buildings Except Low Rise Residential Buildings*, or more restrictive state or local codes.

The Offeror shall submit a building operating plan with the offer. Such plan shall include a schedule of startup and shutdown times for operation of each building system, such as lighting, HVAC, and plumbing. Such plan shall be in operation on the effective date of the Lease.

SECTION 4 METHOD OF AWARD

4.01 NEGOTIATIONS – SUCCEEDING (APR 2011)

Negotiations will be conducted on behalf of the Government by the LCO or their designated representative. Negotiations may be conducted orally or in writing. The Government will negotiate the rental price for the initial term, any renewal periods, and any other aspect of the offer as deemed necessary. The Offeror shall not enter into negotiations concerning the space leased or to be leased with representatives of federal agencies other than the LCO or their designee.

4.02 AWARD—SUCCEEDING (APR 2011)

A. After conclusion of negotiations, the Successful Offeror and the LCO will execute a Lease prepared by the Government, which incorporates the agreement of the parties. The Lease shall consist of the following:

1. Succeeding Lease NoXX-XX-XXXXX.
2. General Clauses, GSA Form 3517B.
3. GSA Form 3518, Representations and Certifications for Acquisitions of Leasehold Interests in Real Property.
4. The pertinent provisions of the offer.
5. Floor plans of the offered space.

B. The acceptance of the offer and award of the Lease by the Government occurs upon execution of the Lease by the LCO and mailing or otherwise furnishing written notification of the executed Lease to the Successful Offeror.

SECTION 5 ADDITIONAL RLP PROVISIONS

GREX submitted.

Bolivia 57453B11821

GENERAL CLAUSES
(Acquisition of Leasehold Interests in Real Property)

CATEGORY	CLAUSE NO.	48 CFR REF.	CLAUSE TITLE
DEFINITIONS	1	552.270-4	Definitions (Variation)
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The information collection requirements contained in this solicitation/contract, that are not required by regulation, have been approved by the Office of Management and Budget pursuant to the Paperwork Reduction Act and assigned the OMB Control No. 3090-0163.

GENERAL CLAUSES
(Acquisition of Leasehold Interests in Real Property)

1. 552.270-4 DEFINITIONS (SEP 1999) (VARIATION)

The following terms and phrases (except as otherwise expressly provided or unless the context otherwise requires) for all purposes of this lease shall have the respective meanings hereinafter specified:

(a) "Commencement Date" means the first day of the term.

(b) "Contract" and "Contractor" means "Lease" and "Lessor," respectively.

(c) "Contracting Officer" means a person with the authority to enter into, administer, and/or terminate contracts and make related determinations and findings. The term includes certain authorized representatives of the Contracting Officer acting within the limits of their authority as delegated by the Contracting Officer.

(d) "Delivery Date" means the date specified in or determined pursuant to the provisions of this lease for delivery of the premises to the Government, improved in accordance with the provisions of this lease and substantially complete, as such date may be modified in accordance with the provisions of this lease.

(e) "Delivery Time" means the number of days provided by this lease for delivery of the premises to the Government, as such number may be modified in accordance with the provisions of this lease.

(f) "Excusable Delays" mean delays arising without the fault or negligence of Lessor and Lessor's subcontractors and suppliers at any tier, and shall include, without limitation:
(1) acts of God or of the public enemy,
(2) acts of the United States of America in either its sovereign or contractual capacity,
(3) acts of another contractor in the performance of a contract with the Government,
(4) fires,
(5) floods,
(6) epidemics,
(7) quarantine restrictions,
(8) strikes,
(9) freight embargoes,
(10) unusually severe weather, or
(11) delays of subcontractors or suppliers at any tier arising from unforeseeable causes beyond the control and without the fault or negligence of both the Lessor and any such subcontractor or supplier.

(g) "Lessor" means the sub-lessor if this lease is a sublease.

(h) "Lessor shall provide" means the Lessor shall furnish and install at Lessor's expense.

(i) "Notice" means written notice sent by certified or registered mail, Express Mail or Comparable service, or delivered by hand. Notice shall be effective on the date delivery is accepted or refused.

(j) "Premises" means the space described on the Standard Form 2, U.S. Government Lease for Real Property, of this lease.

(l) "Substantially complete" and "substantial completion" means that the work, the common and other areas of the building, and all other things necessary for the Government's access to the premises and occupancy, possession, use and enjoyment thereof, as provided in this lease, have been completed or obtained, excepting only such minor matters as do not interfere with or materially diminish such access, occupancy, possession, use or enjoyment.

(m) "Usable square feet" means the ANSI/BOMA Z65.1-1996 definition for BOMA usable office area, which means "The area where a tenant normally houses personnel and/or furniture, for which a measurement is to be computed."

(n) "Work" means all alterations, improvements, modifications, and other things required for the preparation or continued occupancy of the premises by the Government as specified in this lease.

2. 552.270-5 SUBLETTING AND ASSIGNMENT (SEP 1999)

The Government may sublet any part of the premises but shall not be relieved from any obligations under this lease by reason of any such subletting. The Government may at any time assign this lease, and be relieved from all obligations to Lessor under this lease excepting only unpaid rent and other liabilities, if any, that have accrued to the date of said assignment. Any assignment shall be subject to prior written consent of Lessor, which shall not be unreasonably withheld.

3. 552.270-11 SUCCESSORS BOUND (SEP 1999)

This lease shall bind, and inure to the benefit of, the parties and their respective heirs, executors, administrators, successors, and assigns.

4. 552.270-23 SUBORDINATION, NONDISTURBANCE AND ATTORNMENT (SEP 1999)

(a) Lessor warrants that it holds such title to or other interest in the premises and other property as is necessary to the Government's access to the premises and full use and enjoyment thereof in accordance with the provisions of this lease. Government agrees, in consideration of the warranties and conditions set forth in this clause, that this lease is subject and subordinate to any and all recorded mortgages, deeds of trust and other liens now or hereafter existing or imposed upon the premises, and to any renewal, modification or extension thereof. It is the intention of the parties that this provision shall be self-operative and that no further instrument shall be required to effect the present or subsequent subordination of this lease. Government agrees, however, within twenty (20) business days next following the Contracting Officer's receipt of a written demand, to execute such instruments as Lessor may reasonably request to evidence further the subordination of this lease to any existing or future mortgage, deed of trust or other security interest pertaining to the premises, and to any water, sewer or access easement necessary or desirable to serve the premises or adjoining property owned in whole or in part by Lessor if such easement does not interfere with the full enjoyment of any right granted the Government under this lease.

(b) No such subordination, to either existing or future mortgages, deeds of trust or other lien or security instrument shall operate to affect adversely any right of the Government under this lease so long as the Government is not in default under this lease. Lessor will include in any future mortgage, deed of trust or other security instrument to which this lease becomes subordinate, or in a separate nondisturbance agreement, a provision to the foregoing effect. Lessor warrants that the holders of all notes or other obligations secured by existing mortgages, deeds of trust or other security instruments have consented to the provisions of this clause, and agrees to provide true copies of all such consents to the Contracting Officer promptly upon demand.

(c) In the event of any sale of the premises or any portion thereof by foreclosure of the lien of any such mortgage, deed of trust or other security instrument, or the giving of a deed in lieu of foreclosure, the Government will be deemed to have attorned to any purchaser, purchasers, transferee or transferees of the premises or any portion thereof and its or their successors and assigns, and any such purchasers and transferees will be deemed to have assumed all obligations of the Lessor under this lease, so as to establish direct privity of estate and contract between Government and such purchasers or transferees, with the same force, effect and relative priority in time and right as if the lease had initially been entered into between such purchasers or transferees and the Government; provided, further, that the Contracting Officer and such purchasers or transferees shall, with reasonable promptness following any such sale or deed delivery in lieu of foreclosure, execute all such revisions to this lease, or other writings, as shall be necessary to document the foregoing relationship.

(d) None of the foregoing provisions may be deemed or construed to imply a waiver of the Government's rights as a sovereign.

5. 552.270-24 STATEMENT OF LEASE (SEP 1999)

(a) The Contracting Officer will, within thirty (30) days next following the Contracting Officer's receipt of a joint written request from Lessor and a prospective lender or purchaser of the building, execute and deliver to Lessor a letter stating that the same is issued subject to the conditions stated in this clause and, if such is the case, that (1) the lease is in full force and effect; (2) the date to which the rent and other charges have been paid in advance, if any; and (3) whether any notice of default has been issued.

(b) Letters issued pursuant to this clause are subject to the following conditions:

(1) That they are based solely upon a reasonably diligent review of the Contracting Officer's lease file as of the date of issuance;

(2) That the Government shall not be held liable because of any defect in or condition of the premises or building;

(3) That the Contracting Officer does not warrant or represent that the premises or building comply with applicable Federal, State and local law; and

(4) That the Lessor, and each prospective lender and purchaser are deemed to have constructive notice of such facts as would be ascertainable by reasonable prepurchase and precommitment inspection of the Premises and Building and by inquiry to appropriate Federal, State and local Government officials.

6. 552.270-25 SUBSTITUTION OF TENANT AGENCY (SEP 1999)

The Government may, at any time and from time to time, substitute any Government agency or agencies for the Government agency or agencies, if any, named in the lease.

7. 552.270-26 NO WAIVER (SEP1999)

No failure by either party to insist upon the strict performance of any provision of this lease or to exercise any right or remedy consequent upon a breach thereof, and no acceptance of full or partial rent or other performance by either party during the continuance of any such breach shall constitute a waiver of any such breach of such provision.

8. 552.270-27 INTEGRATED AGREEMENT (SEP 1999)

This Lease, upon execution, contains the entire agreement of the parties and no prior written or oral agreement, express or implied, shall be admissible to contradict the provisions of the Lease.

9. 552.270-28 MUTUALITY OF OBLIGATION (SEP 1999)

The obligations and covenants of the Lessor, and the Government's obligation to pay rent and other Government obligations and covenants, arising under or related to this Lease, are interdependent. The Government may, upon issuance of and delivery to Lessor of a final decision asserting a claim against Lessor, set off such claim, in whole or in part, as against any payment or payments then or thereafter due the Lessor under this lease. No setoff pursuant to this clause shall constitute a breach by the Government of this lease.

10. 552.270-17 DELIVERY AND CONDITION (SEP 1999)

(a) Unless the Government elects to have the space occupied in increments, the space must be delivered ready for occupancy as a complete unit. The Government reserves the right to determine when the space is substantially complete.

(b) If the premises do not in every respect comply with the provisions of this lease the Contracting Officer may, in accordance with the Failure in Performance clause of this lease, elect to reduce the rent payments.

11. 552.270-18 DEFAULT IN DELIVERY—TIME EXTENSIONS (SEP 1999) (VARIATION)

(a) With respect to Lessor's obligation to deliver the premises substantially complete by the delivery date, time is of the essence. If the Lessor fails to work diligently to ensure its substantial completion by the delivery date or fails to substantially complete the work by such date, the Government may by notice to the Lessor terminate this lease. Such termination is effective when received by Lessor. The Lessor and the Lessor's sureties, if any, are jointly and severally liable for any damages to the Government resulting from such termination, as provided in this clause. The Government shall be entitled to the following damages:

(1) The Government's aggregate rent and estimated real estate tax and operating cost adjustments for the firm term and all option terms of its replacement lease or leases,

in excess of the aggregate rent and estimated real estate tax and operating cost adjustments for the term. If the Government procures replacement premises for a term (including all option terms) in excess of this term, the Lessor is not liable for excess Government rent or adjustments during such excess lease term.

(2) All administrative and other costs the Government incurs in procuring a replacement lease or leases.

(3) Other, additional relief provided for in this lease, at law, or in equity.

(b) Damages to which the Government is entitled to under this clause are due and payable thirty (30) days following the date Lessor receives notice from the Contracting Officer specifying such damages.

(c) Delivery by Lessor of less than the minimum ANSI/BOMA Office Area square footage required by this lease shall in no event be construed as substantial completion, except as the Contracting Officer permits.

(d) The Government shall not terminate this lease under this clause nor charge the Lessor with damages under this clause, if (1) the delay in substantially completing the work arises from excusable delays and (2) the Lessor within 10 days from the beginning of any such delay (unless extended in writing by the Contracting Officer) provides notice to the Contracting Officer of the causes of delay. The Contracting Officer shall ascertain the facts and the extent of delay. If the facts warrant, the Contracting Officer shall extend the delivery date, to the extent of such delay at no additional costs to the Government. A time extension is the sole remedy of the Lessor.

12. 552.270-19 PROGRESSIVE OCCUPANCY (SEP 1999)

The Government shall have the right to elect to occupy the space in partial increments prior to the substantial completion of the entire leased premises, and the Lessor agrees to schedule its work so as to deliver the space incrementally as elected by the Government. The Government shall pay rent commencing with the first business day following substantial completion of the entire leased premise unless the Government has elected to occupy the leased premises incrementally. In case of incremental occupancy, the Government shall pay rent pro rata upon the first business day following substantial completion of each incremental unit. Rental payments shall become due on the first workday of the month following the month in which an increment of space is substantially complete, except that should an increment of space be substantially completed after the fifteenth day of the month, the payment due date will be the first workday of the second month following the month in which it was substantially complete. The commencement date of the firm lease term will be a composite determined from all rent commencement dates.

13. 552.270-21 EFFECT OF ACCEPTANCE AND OCCUPANCY (SEP 1999)

Neither the Government's acceptance of the premises for occupancy, nor the Government's occupancy thereof, shall be construed as a waiver of any requirement of or right of the Government under this Lease, or as otherwise prejudicing the Government with respect to any such requirement or right.

14. 552.270-6 MAINTENANCE OF BUILDING AND PREMISES—RIGHT OF ENTRY (SEP 1999) (VARIATION)

Except in case of damage arising out of the willful act or negligence of a Government employee, Lessor shall maintain the premises, including the building, building systems, and all equipment, fixtures, and appurtenances furnished by the Lessor under this lease, in good repair and condition so that they are suitable in appearance and capable of supplying such heat, air conditioning, light, ventilation, safety systems, access and other things to the premises, without reasonably preventable or recurring disruption, as is required for the Government's access to, occupancy, possession, use and enjoyment of the premises as provided in this lease. For the purpose of so maintaining the premises, the Lessor may at reasonable times enter the premises with the approval of the authorized Government representative in charge.

15. 552.270-10 FAILURE IN PERFORMANCE (SEP 1999)

The covenant to pay rent and the covenant to provide any service, utility, maintenance, or repair required under this lease are interdependent. In the event of any failure by the Lessor to provide

any service, utility, maintenance, repair or replacement required under this lease the Government may, by contract or otherwise, perform the requirement and deduct from any payment or payments under this lease, then or thereafter due, the resulting cost to the Government, including all administrative costs. If the Government elects to perform any such requirement, the Government and each of its contractors shall be entitled to access to any and all areas of the building, access to which is necessary to perform any such requirement, and the Lessor shall afford and facilitate such access. Alternatively, the Government may deduct from any payment under this lease, then or thereafter due, an amount which reflects the reduced value of the contract requirement not performed. No deduction from rent pursuant to this clause shall constitute a default by the Government under this lease. These remedies are not exclusive and are in addition to any other remedies which may be available under this lease or at law.

16. 552.270-22 DEFAULT BY LESSOR DURING THE TERM (SEP 1999)

(a) Each of the following shall constitute a default by Lessor under this lease:

(1) Failure to maintain, repair, operate or service the premises as and when specified in this lease, or failure to perform any other requirement of this lease as and when required provided any such failure shall remain uncured for a period of thirty (30) days next following Lessor's receipt of notice thereof from the Contracting Officer or an authorized representative.

(2) Repeated and unexcused failure by Lessor to comply with one or more requirements of this lease shall constitute a default notwithstanding that one or all such failures shall have been timely cured pursuant to this clause.

(b) If a default occurs, the Government may, by notice to Lessor, terminate this lease for default and if so terminated, the Government shall be entitled to the damages specified in the Default in Delivery-Time Extensions clause.

17. 552.270-7 FIRE AND CASUALTY DAMAGE (SEP 1999)

If the entire premises are destroyed by fire or other casualty, this lease will immediately terminate. In case of partial destruction or damage, so as to render the premises untenantable, as determined by the Government, the Government may terminate the lease by giving written notice to the Lessor within 15 calendar days of the fire or other casualty; if so terminated, no rent will accrue to the Lessor after such partial destruction or damage; and if not so terminated, the rent will be reduced proportionately by supplemental agreement hereto effective from the date of such partial destruction or damage. Nothing in this lease shall be construed as relieving Lessor from liability for damage to or destruction of property of the United States of America caused by the willful or negligent act or omission of Lessor.

18. 552.270-8 COMPLIANCE WITH APPLICABLE LAW (SEP 1999)

Lessor shall comply with all Federal, state and local laws applicable to the Lessor as owner or Lessor, or both, of the building or premises, including, without limitation, laws applicable to the construction, ownership, alteration or operation of both or either thereof, and will obtain all necessary permits, licenses and similar items at Lessor's expense. The Government will comply with all Federal, State and local laws applicable to and enforceable against it as a tenant under this lease; provided that nothing in this lease shall be construed as a waiver of any sovereign immunity of the Government. This lease shall be governed by Federal law.

19. 552.270-12 ALTERATIONS (SEP 1999)

The Government shall have the right during the existence of this lease to make alterations, attach fixtures, and erect structures or signs in or upon the premises hereby leased, which fixtures, additions or structures so placed in, on, upon, or attached to the said premises shall be and remain the property of the Government and may be removed or otherwise disposed of by the Government. If the lease contemplates that the Government is the sole occupant of the building, for purposes of this clause, the leased premises include the land on which the building is sited and the building itself. Otherwise, the Government shall have the right to tie into or make any physical connection with any structure located on the property as is reasonably necessary for appropriate utilization of the leased space.

20. 552.270-29 ACCEPTANCE OF SPACE (SEP 1999) (VARIATION)

(a) When the Lessor has completed all alterations, improvements, and repairs necessary to meet the requirements of the lease, the Lessor shall notify the Contracting Officer. The Contracting Officer or designated representative shall promptly inspect the space.

(b) The Government will accept the space and the lease term will begin after determining that the space is substantially complete and contains the required ANSI/BOMA Office Area square footage as indicated in the paragraph of this solicitation entitled "Amount and Type of Space."

21. 552.270-9 INSPECTION—RIGHT OF ENTRY (SEP 1999)

(a) At any time and from time to time after receipt of an offer (until the same has been duly withdrawn or rejected), after acceptance thereof and during the term, the agents, employees and contractors of the Government may, upon reasonable prior notice to Offeror or Lessor, enter upon the offered premises or the premises, and all other areas of the building access to which is necessary to accomplish the purposes of entry, to determine the potential or actual compliance by the Offeror or Lessor with the requirements of the solicitation or this lease, which purposes shall include, but not be limited to:

(1) inspecting, sampling and analyzing of suspected asbestos-containing materials and air monitoring for asbestos fibers;
(2) inspecting the heating, ventilation and air conditioning system, maintenance records, and mechanical rooms for the offered premises or the premises;
(3) inspecting for any leaks, spills, or other potentially hazardous conditions which may involve tenant exposure to hazardous or toxic substances; and
(4) inspecting for any current or past hazardous waste operations, to ensure that appropriate mitigative actions were taken to alleviate any environmentally unsound activities in accordance with Federal, State and local law.

(b) Nothing in this clause shall be construed to create a Government duty to inspect for toxic materials or to impose a higher standard of care on the Government than on other lessees. The purpose of this clause is to promote the ease with which the Government may inspect the building. Nothing in this clause shall act to relieve the Lessor of any duty to inspect or liability which might arise as a result of Lessor's failure to inspect for or correct a hazardous condition.

22. 52.204-7 CENTRAL CONTRACTOR REGISTRATION (OCT 2003) (VARIATION)

(a) Definitions. As used in this clause—

"Central Contractor Registration (CCR) database" means the primary Government repository for Contractor information required for the conduct of business with the Government.

"Data Universal Numbering System (DUNS) number" means the 9-digit number assigned by Dun and Bradstreet, Inc. (D&B) to identify unique business entities.

"Data Universal Numbering System +4 (DUNS+4) number" means the DUNS number assigned by D&B plus a 4-character suffix that may be assigned by a business concern. (D&B has no affiliation with this 4-character suffix.) This 4-character suffix may be assigned at the discretion of the business concern to establish additional CCR records for identifying alternative Electronic Funds Transfer (EFT) accounts for the same parent concern.

"Offeror" means the owner of the property offered, not an individual or agent representing the owner.

"Registered in the CCR database" means that—

(1) The Contractor has entered all mandatory information, including the DUNS number or the DUNS+4 number, into the CCR database; and

(2) The Government has validated all mandatory data fields and has marked the record "Active."

(b) (1) By submission of an offer, the Offeror acknowledges the requirement that a prospective awardee must be registered with D&B and in the CCR database prior to

award, during performance, and through final payment of any contract resulting from this solicitation.

(2) The Offeror shall enter in the appropriate block, on the GSA Form 3518, entitled Representations and Certifications, the legal entity's name and address, followed by the DUNS or DUNS +4 number that identifies the Offeror's name and address exactly as stated in the offer. The DUNS number will be used by the Contracting Officer to verify that the Offeror is registered in the CCR database.

(c) If the Offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one.

(1) An Offeror may obtain a DUNS number—
(i) If located within the United States, by calling Dun and Bradstreet at 1-866-705-5711 or via the Internet at http://www.dnb.com; or
(ii) If located outside the United States, by contacting the local Dun and Bradstreet office.

(2) The Offeror should be prepared to provide the following information:
(i) Company legal business.
(ii) Tradestyle, doing business, or other name by which your entity is commonly recognized.
(iii) Company Physical Street Address, City, State, and ZIP Code.
(iv) Company Mailing Address, City, State and ZIP Code (if separate from physical).
(v) Company Telephone Number.
(vi) Date the company was started.
(vii) Number of employees at your location.
(viii) Chief executive officer/key manager.
(ix) Line of business (industry).
(x) Company Headquarters name and address (reporting relationship within your entity).

(d) If the Offeror does not become registered in the CCR database in the time prescribed by the Contracting Officer, the Contracting Officer will proceed to award to the next otherwise successful registered Offeror.

(e) Processing time, which normally takes 48 hours, should be taken into consideration when registering. Offerors who are not registered should consider applying for registration immediately upon receipt of this solicitation.

(f) The Contractor is responsible for the accuracy and completeness of the data within the CCR database, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to review and update on an annual basis from the date of initial registration or subsequent updates its information in the CCR database to ensure it is current, accurate and complete. Updating information in the CCR does not alter the terms and conditions of this contract and is not a substitute for a properly executed contractual document.

(g) (1) (i) If a Contractor has legally changed its business name, "doing business as" name, or division name (whichever is shown on the contract), or has transferred the assets used in performing the contract, the Contractor shall comply with the requirements of Subpart 42.12 of the Federal Acquisition Regulations (FAR) and provide the responsible Contracting Officer a fully revised and initialed/signed GSA Form 3518, entitled Representations and Certifications, along with written notification of its intention to (A) change the name in the CCR database; and (B) provide the Contracting Officer with sufficient documentation to verify and confirm the legally changed name or change in ownership.

(ii) If the Contractor fails to comply with the requirements of paragraph (g)(1)(i) of this clause, or fails to perform the agreement at paragraph (g)(1)(i)(C) of this clause, and, in the absence of a properly executed novation or change-of-name agreement, the CCR information that shows the Contractor to be other than the Contractor indicated in the contract will be considered to be incorrect information within the meaning of the "Suspension of Payment" paragraph of the electronic funds transfer (EFT) clause of this contract.

(2) The Contractor shall not change the name or address for EFT payments or manual payments, as appropriate, in the CCR record to reflect an assignee for the purpose of assignment of claims. Assignees shall be separately registered in the CCR database. Information provided to the Contractor's CCR record that indicates payments, including those made by EFT, to an ultimate recipient other than that Contractor will be considered to be incorrect information.

(h) Offerors and Contractors may obtain information on registration and annual confirmation requirements via the internet at http://www.ccr.gov or by calling 1-888-227-2423, or 269-961-5757.

23. 552.232-75 PROMPT PAYMENT (SEP 1999)

The Government will make payments under the terms and conditions specified in this clause. Payment shall be considered as being made on the day a check is dated or an electronic funds transfer is made. All days referred to in this clause are calendar days, unless otherwise specified.

(a) *Payment due date.*

(1) *Rental payments.* Rent shall be paid monthly in arrears and will be due on the first workday of each month, and only as provided for by the lease.

(i) When the date for commencement of rent falls on the 15th day of the month or earlier, the initial monthly rental payment under this contract shall become due on the first workday of the month following the month in which the commencement of the rent is effective.
(ii) When the date for commencement of rent falls after the 15th day of the month, the initial monthly rental payment under this contract shall become due on the first workday of the second month following the month in which the commencement of the rent is effective.

(2) *Other payments.* The due date for making payments other than rent shall be the later of the following two events:

(i) The 30th day after the designated billing office has received a proper invoice from the Contractor.
(ii) The 30th day after Government acceptance of the work or service. However, if the designated billing office fails to annotate the invoice with the actual date of receipt, the invoice payment due date shall be deemed to be the 30th day after the Contractor's invoice is dated, provided a proper invoice is received and there is no disagreement over quantity, quality, or Contractor compliance with contract requirements.

(b) *Invoice and inspection requirements for payments other than rent.*

(1) The Contractor shall prepare and submit an invoice to the designated billing office after completion of the work. A proper invoice shall include the following items:
(i) Name and address of the Contractor.
(ii) Invoice date.
(iii) Lease number.
(iv) Government's order number or other authorization.
(v) Description, price, and quantity of work or services delivered.
(vi) Name and address of Contractor official to whom payment is to be sent (must be the same as that in the remittance address in the lease or the order).
(vii) Name (where practicable), title, phone number, and mailing address of person to be notified in the event of a defective invoice.

(2) The Government will inspect and determine the acceptability of the work performed or services delivered within 7 days after the receipt of a proper invoice or notification of completion of the work or services unless a different period is specified at the time the order is placed. If actual acceptance occurs later, for the purpose of determining the payment due date and calculation of interest, acceptance will be deemed to occur on the last day of the 7-day inspection period. If the work or service is rejected for failure to conform to the technical requirements of the contract, the 7 days will be counted beginning with receipt of a new invoice or notification. In either case, the Contractor is not entitled to any payment or interest unless actual acceptance by the Government occurs.

(c) *Interest Penalty.*

(1) An interest penalty shall be paid automatically by the Government, without request from the Contractor, if payment is not made by the due date.

(2) The interest penalty shall be at the rate established by the Secretary of the Treasury under Section 12 of the Contract Disputes Act of 1978 (41 U.S.C. 611) that is in effect on the day after the due date. This rate is referred to as the "Renegotiation Board Interest Rate," and it is published in the *Federal Register* semiannually on or about January 1 and July 1. The interest penalty shall accrue daily on the payment amount approved by the Government and be compounded in 30-day increments inclusive from the first day after the due date through the payment date.

(3) Interest penalties will not continue to accrue after the filing of a claim for such penalties under the clause at 52.233-1, Disputes, or for more than 1 year. Interest penalties of less than $1.00 need not be paid.

(4) Interest penalties are not required on payment delays due to disagreement between the Government and Contractor over the payment amount or other issues involving contract compliance or on amounts temporarily withheld or retained in accordance with the terms of the contract. Claims involving disputes, and any interest that may be payable, will be resolved in accordance with the clause at 52.233-1, Disputes.

24. 552.232-76 ELECTRONIC FUNDS TRANSFER PAYMENT (MAR 2000) (VARIATION)

(a) The Government will make payments under this lease by electronic funds transfer (EFT). The Lessor must, no later than 30 days before the first payment:

(1) Designate a financial institution for receipt of EFT payments.

(2) Submit this designation to the Contracting Officer or other Government official, as directed.

(b) The Lessor must provide the following information:

(1) The American Bankers Association 9-digit identifying number for Automated Clearing House (ACH) transfers of the financing institution receiving payment if the institution has access to the Federal Reserve Communications System.

(2) Number of account to which funds are to be deposited.

(3) Type of depositor account ("C" for checking, "S" for savings).

(4) If the Lessor is a new enrollee to the EFT system, the Lessor must complete and submit Form SF 3881, ACH Vendor/Miscellaneous Payment Enrollment Form, before payment can be processed.

(c) If the Lessor, during the performance of this contract, elects to designate a different financial institution for the receipt of any payment, the appropriate Government official must receive notice of such change and the required information specified above no later than 30 days before the date such change is to become effective.

(d) The documents furnishing the information required in this clause must be dated and contain the:

(1) Signature, title, and telephone number of the Lessor or the Lessor's authorized representative.

(2) Lessor's name.

(3) Lease number.

(e) Lessor's failure to properly designate a financial institution or to provide appropriate payee bank account information may delay payments of amounts otherwise properly due.

25. 552.232-70 INVOICE REQUIREMENTS (SEP 1999) (VARIATION)

(This clause is applicable to payments other than rent.)

(a) Invoices shall be submitted in an original only, unless otherwise specified, to the designated billing office specified in this contract or order.

(b) Invoices must include the Accounting Control Transaction (ACT) number provided below or on the order.

ACT Number (to be supplied on individual orders)

(c) If information or documentation in addition to that required by the Prompt Payment clause of this contract is required in connection with an invoice for a particular order, the order will indicate what information or documentation must be submitted.

26. 52.232-23 ASSIGNMENT OF CLAIMS (JAN 1986)

(Applicable to leases over $2,500.)

(a) The Contractor, under the Assignment of Claims Act, as amended, 31 U.S.C. 3727, 41 U.S.C. 15 (hereafter referred to as "the Act"), may assign its rights to be paid amounts due or to become due as a result of the performance of this contract to a bank, trust company, or other financing institution, including any Federal lending agency. The assignee under such an assignment may thereafter further assign or reassign its right under the original assignment to any type of financing institution described in the preceding sentence.

(b) Any assignment or reassignment authorized under the Act and this clause shall cover all unpaid amounts payable under this contract, and shall not be made to more than one party, except that an assignment or reassignment may be made to one party as agent or trustee for two or more parties participating in the financing of this contract.

(c) The Contractor shall not furnish or disclose to any assignee under this contract any classified document (including this contract) or information related to work under this contract until the Contracting Officer authorizes such action in writing.

27. 552.270-20 PAYMENT (SEP 1999) (VARIATION)

(a) When space is offered and accepted, the ANSI/BOMA Office Area square footage delivered will be confirmed by:

(1) the Government's measurement of plans submitted by the successful Offeror as approved by the Government, and an inspection of the space to verify that the delivered space is in conformance with such plans or

(2) a mutual on-site measurement of the space, if the Contracting Officer determines that it is necessary.

(b) Payment will not be made for space which is in excess of the amount of ANSI/BOMA Office Area square footage stated in the lease.

(c) If it is determined that the amount of ANSI/BOMA Office Area square footage actually delivered is less than the amount agreed to in the lease, the lease will be modified to reflect the amount of Usable space delivered and the annual rental will be adjusted as follows:

Usable square feet not delivered multiplied by the ANSI/BOMA Office Area square foot (USF) rate equals the reduction in annual rent. The rate per USF is determined by dividing the total annual rental by the Usable square footage set forth in the lease.

USF Not Delivered X Rate per USF = Reduction in Annual Rent.

28. 552.203-5 COVENANT AGAINST CONTINGENT FEES (FEB 1990)

(Applicable to leases over $100,000.)

(a) The Contractor warrants that no person or agency has been employed or retained to solicit or obtain this contract upon an agreement or understanding for a contingent fee, except a bona fide employee or agency. For breach or violation of this warranty, the Government shall have the right to annul this contract without liability or, in its discretion, to deduct from

the contract price or consideration, or otherwise recover the full amount of the contingent fee.

(b) "Bona fide agency," as used in this clause, means an established commercial or selling agency (including licensed real estate agents or brokers), maintained by a Contractor for the purpose of securing business, that neither exerts nor proposes to exert improper influence to solicit or obtain Government contracts nor holds itself out as being able to obtain any Government contract or contracts through improper influence.

"Bona fide employee," as used in this clause, means a person, employed by a Contractor and subject to the Contractor's supervision and control as to time, place, and manner of performance, who neither exerts nor proposes to exert improper influence to solicit or obtain Government contracts nor holds out as being able to obtain any Government contract or contracts through improper influence.

"Contingent fee," as used in this clause, means any commission, percentage, brokerage, or other fee that is contingent upon the success that a person or concern has in securing a Government contract.

"Improper influence," as used in this clause, means any influence that induces or tends to induce a Government employee or officer to give consideration or to act regarding a Government contract on any basis other than the merits of the matter.

29. 52.203-7 ANTI-KICKBACK PROCEDURES (JUL 1995)

(Applicable to leases over $100,000 average net annual rental, including option periods.)

(a) *Definitions.*

"Kickback," as used in this clause, means any money, fee, commission, credit, gift, gratuity, thing of value, or compensation of any kind which is provided, directly or indirectly, to any prime Contractor, prime Contractor employee, subcontractor, or subcontractor employee for the purpose of improperly obtaining or rewarding favorable treatment in connection with a prime contract or in connection with a subcontract relating to a prime contract.

"Person," as used in this clause, means a corporation, partnership, business association of any kind, trust, joint-stock company, or individual.

"Prime contract," as used in this clause, means a contract or contractual action entered into by the United States for the purpose of obtaining supplies, materials, equipment, or services of any kind.

"Prime Contractor," as used in this clause, means a person who has entered into a prime contract with the United States.

"Prime Contractor employee," as used in this clause, means any officer, partner, employee, or agent of a prime Contractor.

"Subcontract," as used in this clause, means a contract or contractual action entered into by a prime Contractor or subcontractor for the purpose of obtaining supplies, materials, equipment, or services of any kind under a prime contract.

"Subcontractor," as used in this clause, (1) means any person, other than the prime Contractor, who offers to furnish or furnishes any supplies, materials, equipment, or services of any kind under a prime contract or a subcontract entered into in connection with such prime contract, and (2) includes any person who offers to furnish or furnishes general supplies to the prime Contractor or a higher tier subcontractor.

"Subcontractor employee," as used in this clause, means any officer, partner, employee, or agent of a subcontractor.

(b) The Anti-Kickback Act of 1986 (41 U.S.C. 51-58) (the Act), prohibits any person from—

(1) Providing or attempting to provide or offering to provide any kickback;

(2) Soliciting, accepting, or attempting to accept any kickback; or

(3) Including, directly or indirectly, the amount of any kickback in the contract price

charged by a prime Contractor to the United States or in the contract price charged by a subcontractor to a prime Contractor or higher tier subcontractor.

(c) (1) The Contractor shall have in place and follow reasonable procedures designed to prevent and detect possible violations described in paragraph (b) of this clause in its own operations and direct business relationships.

(2) When the Contractor has reasonable grounds to believe that a violation described in paragraph (b) of this clause may have occurred, the Contractor shall promptly report in writing the possible violation. Such reports shall be made to the inspector general of the contracting agency, the head of the contracting agency if the agency does not have an inspector general, or the Department of Justice.

(3) The Contractor shall cooperate fully with any Federal agency investigating a possible violation described in paragraph (b) of this clause.

(4) The Contracting Officer may (i) offset the amount of the kickback against any monies owed by the United States under the prime contract and/or (ii) direct that the Prime Contractor withhold from sums owed a subcontractor under the prime contract, the amount of the kickback. The Contracting Officer may order that monies withheld under subdivision (c)(4)(ii) of this clause be paid over to the Government unless the Government has already offset those monies under subdivision (c)(4)(i) of this clause. In either case, the Prime Contractor shall notify the Contracting Officer when the monies are withheld.

(5) The Contractor agrees to incorporate the substance of this clause, including paragraph (c)(5) but excepting paragraph (c)(1), in all subcontracts under this contract which exceed $100,000.

30. 52.223-6 DRUG-FREE WORKPLACE (MAY 2001)

(a) *Definitions.* As used in this clause—

"Controlled substance" means a controlled substance in schedules I through V of section 202 of the Controlled Substances Act (21 U.S.C. 812) and as further defined in regulation at 21 CFR 1308.11 - 1308.15.

"Conviction" means a finding of guilt (including a plea of *nolo contendere*) or imposition of sentence, or both, by any judicial body charged with the responsibility to determine violations of the Federal or State criminal drug statutes.

"Criminal drug statute" means a Federal or non-Federal criminal statute involving the manufacture, distribution, dispensing, possession, or use of any controlled substance.

"Drug-free workplace" means the site(s) for the performance of work done by the Contractor in connection with a specific contract where employees of the Contractor are prohibited from engaging in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance.

"Employee" means an employee of a Contractor directly engaged in the performance of work under a Government contract. "Directly engaged" is defined to include all direct cost employees and any other Contractor employee who has other than a minimal impact or involvement in contract performance.

"Individual" means an Offeror/Contractor that has no more than one employee including the Offeror/Contractor.

(b) The Contractor, if other than an individual, shall—within 30 days after award (unless a longer period is agreed to in writing for contracts of 30 days or more performance duration), or as soon as possible for contracts of less than 30 days performance duration—

(1) Publish a statement notifying its employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the Contractor's workplace and specifying the actions that will be taken against employees for violations of such prohibition;

(2) Establish an ongoing drug-free awareness program to inform such employees about—
  (i) The dangers of drug abuse in the workplace;
  (ii) The Contractor's policy of maintaining a drug-free workplace;
  (iii) Any available drug counseling, rehabilitation, and employee assistance programs; and
  (iv) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;

(3) Provide all employees engaged in performance of the contract with a copy of the statement required by paragraph (b)(1) of this clause;

(4) Notify such employees in writing in the statement required by paragraph (b)(1) of this clause that, as a condition of continued employment on this contract, the employee will—
  (i) Abide by the terms of the statement; and
  (ii) Notify the employer in writing of the employee's conviction under a criminal drug statute for a violation occurring in the workplace no later than 5 days after such conviction;

(5) Notify the Contracting Officer in writing within 10 days after receiving notice under subdivision (b)(4)(ii) of this clause, from an employee or otherwise receiving actual notice of such conviction. The notice shall include the position title of the employee;

(6) Within 30 days after receiving notice under subdivision (b)(4)(ii) of this clause of a conviction, take one of the following actions with respect to any employee who is convicted of a drug abuse violation occurring in the workplace:
  (i) Taking appropriate personnel action against such employee, up to and including termination; or
  (ii) Require such employee to satisfactorily participate in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency; and

(7) Make a good faith effort to maintain a drug-free workplace through implementation of paragraphs (b)(1) through (b)(6) of this clause.

(c) The Contractor, if an individual, agrees by award of the contract or acceptance of a purchase order, not to engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance while performing this contract.

(d) In addition to other remedies available to the Government, the Contractor's failure to comply with the requirements of paragraph (b) or (c) of this clause may, pursuant to FAR 23.506, render the Contractor subject to suspension of contract payments, termination of the contract or default, and suspension or debarment.

31. 552.203-70 PRICE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY (SEP 1999)

(Applicable to leases over $100,000.)

(a) If the head of the contracting activity (HCA) or his or her designee determines that there was a violation of subsection 27(a) of the Office of Federal Procurement Policy Act, as amended (41 U.S.C. 423), as implemented in the Federal Acquisition Regulation, the Government, at its election, may—

(1) Reduce the monthly rental under this lease by 5 percent of the amount of the rental for each month of the remaining term of the lease, including any option periods, and recover 5 percent of the rental already paid;

(2) Reduce payments for alterations not included in monthly rental payments by 5 percent of the amount of the alterations agreement; or

(3) Reduce the payments for violations by a Lessor's subcontractor by an amount not to exceed the amount of profit or fee reflected in the subcontract at the time the subcontract was placed.

(b) Prior to making a determination as set forth above, the HCA or designee shall provide to the Lessor a written notice of the action being considered and the basis therefor. The Lessor shall have a period determined by the agency head or designee, but not less than

30 calendar days after receipt of such notice, to submit in person, in writing, or through a representative, information and argument in opposition to the proposed reduction. The agency head or designee may, upon good cause shown, determine to deduct less than the above amounts from payments.

(c) The rights and remedies of the Government specified herein are not exclusive, and are in addition to any other rights and remedies provided by law or under this lease.

32. 52.215-10 PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA (OCT 1997)

(Applicable when cost or pricing data are required for work or services over $500,000.)

(a) If any price, including profit or fee, negotiated in connection with this contract, or any cost reimbursable under this contract, was increased by any significant amount because—

(1) The Contractor or a subcontractor furnished cost or pricing data that were not complete, accurate, and current as certified in its Certificate of Current Cost or Pricing Data;

(2) A subcontractor or prospective subcontractor furnished the Contractor cost or pricing data that were not complete, accurate, and current as certified in the Contractor's Certificate of Current Cost or Pricing Data; or

(3) Any of these parties furnished data of any description that were not accurate, the price or cost shall be reduced accordingly and the contract shall be modified to reflect the reduction.

(b) Any reduction in the contract price under paragraph (a) of this clause due to defective data from a prospective subcontractor that was not subsequently awarded the subcontract shall be limited to the amount, plus applicable overhead and profit markup, by which—
(1) The actual subcontract or
(2) The actual cost to the Contractor, if there was no subcontract, was less than the prospective subcontract cost estimate submitted by the Contractor; *provided*, that the actual subcontract price was not itself affected by defective cost or pricing data.

(c) (1) If the Contracting Officer determines under paragraph (a) of this clause that a price or cost reduction should be made, the Contractor agrees not to raise the following matters as a defense:
(i) The Contractor or subcontractor was a sole source supplier or otherwise was in a superior bargaining position and thus the price of the contract would not have been modified even if accurate, complete, and current cost or pricing data had been submitted.
(ii) The Contracting Officer should have known that the cost or pricing data in issue were defective even though the Contractor or subcontractor took no affirmative action to bring the character of the data to the attention of the Contracting Officer.
(iii) The contract was based on an agreement about the total cost of the contract and there was no agreement about the cost of each item procured under the contract.
(iv) The Contractor or subcontractor did not submit a Certificate of Current Cost or Pricing Data.

(2) (i) Except as prohibited by subdivision (c)(2)(ii) of this clause, an offset in an amount determined appropriate by the Contracting Officer based upon the facts shall be allowed against the amount of a contract price reduction if—
(A) The Contractor certifies to the Contracting Officer that, to the best of the Contractor's knowledge and belief, the Contractor is entitled to the offset in the amount requested; and
(B) The Contractor proves that the cost or pricing data were available before the "as of" date specified on its Certificate of Current Cost or Pricing Data, and that the data were not submitted before such date.
(ii) An offset shall not be allowed if—
(A) The understated data were known by the Contractor to be understated before the "as of" date specified on its Certificate of Current Cost or Pricing Data; or
(B) The Government proves that the facts demonstrate that the contract price would not have increased in the amount to be offset even if the

available data had been submitted before the "as of" date specified on its Certificate of Current Cost or Pricing Data.

(d) If any reduction in the contract price under this clause reduces the price of items for which payment was made prior to the date of the modification reflecting the price reduction, the Contractor shall be liable to and shall pay the United States at the time such overpayment is repaid—

(1) Simple interest on the amount of such overpayment to be computed from the date(s) of overpayment to the Contractor to the date the Government is repaid by the Contractor at the applicable underpayment rate effective for each quarter prescribed by the Secretary of the Treasury under 26 U.S.C. 6621(a)(2); and

(2) A penalty equal to the amount of the overpayment, if the Contractor or subcontractor knowingly submitted cost or pricing data that were incomplete, inaccurate, or noncurrent.

33. 552.270-13 PROPOSALS FOR ADJUSTMENT (SEP 1999)

(a) The Contracting Officer may, from time to time during the term of this lease, require changes to be made in the work or services to be performed and in the terms or conditions of this lease. Such changes will be required under the Changes clause.

(b) If the Contracting Officer makes a change within the general scope of the lease, the Lessor shall submit, in a timely manner, an itemized cost proposal for the work to be accomplished or services to be performed when the cost exceeds $100,000. The proposal, including all subcontractor work, will contain at least the following detail—

(1) Material quantities and unit costs;

(2) Labor costs (identified with specific item or material to be placed or operation to be performed;

(3) Equipment costs;

(4) Worker's compensation and public liability insurance;

(5) Overhead;

(6) Profit; and

(7) Employment taxes under FICA and FUTA.

(c) The following Federal Acquisition Regulation (FAR) provisions also apply to all proposals exceeding $500,000 in cost—

(1) The Lessor shall provide cost or pricing data including subcontractor cost or pricing data (48 CFR 15.403-4) and

(2) The Lessor's representative, all Contractors, and subcontractors whose portion of the work exceeds $500,000 must sign and return the "Certificate of Current Cost or Pricing Data" (48 CFR 15.406-2).

(d) Lessors shall also refer to 48 CFR Part 31, Contract Cost Principles, for information on which costs are allowable, reasonable, and allocable in Government work.

34. 552.270-14 CHANGES (SEP 1999) (VARIATION)

(a) The Contracting Officer may at any time, by written order, make changes within the general scope of this lease in any one or more of the following:

(1) Specifications (including drawings and designs);

(2) Work or services;

(3) Facilities or space layout; or

(4) Amount of space, provided the Lessor consents to the change.

(b) If any such change causes an increase or decrease in Lessor's cost of or the time required for performance under this lease, whether or not changed by the order, the Contracting Officer shall modify this lease to provide for one or more of the following:

(1) A modification of the delivery date;

(2) An equitable adjustment in the rental rate;

(3) A lump sum equitable adjustment; or

(4) An equitable adjustment of the annual operating costs per ANSI/BOMA Office Area square foot specified in this lease.

(c) The Lessor shall assert its right to an adjustment under this clause within 30 days from the date of receipt of the change order and shall submit a proposal for adjustment. Failure to agree to any adjustment shall be a dispute under the Disputes clause. However, nothing in this clause shall excuse the Lessor from proceeding with the change as directed.

(d) Absent such written change order, the Government shall not be liable to Lessor under this clause.

35. 552.215-70 EXAMINATION OF RECORDS BY GSA (FEB 1996)

The Contractor agrees that the Administrator of General Services or any duly authorized representative shall, until the expiration of 3 years after final payment under this contract, or of the time periods for the particular records specified in Subpart 4.7 of the Federal Acquisition Regulation (48 CFR 4.7), whichever expires earlier, have access to and the right to examine any books, documents, papers, and records of the Contractor involving transactions related to this contract or compliance with any clauses thereunder. The Contractor further agrees to include in all its subcontracts hereunder a provision to the effect that the subcontractor agrees that the Administrator of General Services or any duly authorized representatives shall, until the expiration of 3 years after final payment under the subcontract, or of the time periods for the particular records specified in Subpart 4.7 of the Federal Acquisition Regulation (48 CFR 4.7), whichever expires earlier, have access to and the right to examine any books, documents, papers, and records of such subcontractor involving transactions related to the subcontract or compliance with any clauses thereunder. The term "subcontract" as used in this clause excludes (a) purchase orders not exceeding $100,000 and (b) subcontracts or purchase orders for public utility services at rates established for uniform applicability to the general public.

36. 52.215-2 AUDIT AND RECORDS—NEGOTIATION (JUN 1999)

(a) As used in this clause, "records" includes books, documents, accounting procedures and practices, and other data, regardless of type and regardless of whether such items are in written form, in the form of computer data, or in any other form.

(b) *Examination of costs.* If this is a cost-reimbursement, incentive, time-and-materials, labor-hour, or price redeterminable contract, or any combination of these, the Contractor shall maintain and the Contracting Officer, or an authorized representative of the Contracting Officer, shall have the right to examine and audit all records and other evidence sufficient to reflect properly all costs claimed to have been incurred or anticipated to be incurred directly or indirectly in performance of this contract. This right of examination shall include inspection at all reasonable times of the Contractor's plants, or parts of them, engaged in performing the contract.

(c) *Cost or pricing data.* If the Contractor has been required to submit cost or pricing data in connection with any pricing action relating to this contract, the Contracting Officer, or an authorized representative of the Contracting Officer, in order to evaluate the accuracy, completeness, and currency of the cost or pricing data, shall have the right to examine and audit all of the Contractor's records, including computations and projections, related to—

(1) The proposal for the contract, subcontract, or modification;

(2) The discussions conducted on the proposal(s), including those related to negotiating;

(3) Pricing of the contract, subcontract, or modification; or

(4) Performance of the contract, subcontract or modification.

(d) *Comptroller General.*

(1) The Comptroller General of the United States, or an authorized representative, shall have access to and the right to examine any of the Contractor's directly pertinent records involving transactions related to this contract or a subcontract hereunder.

(2) This paragraph may not be construed to require the Contractor or subcontractor to create or maintain any record that the Contractor or subcontractor does not maintain in the ordinary course of business or pursuant to a provision of law.

(e) *Reports.* If the Contractor is required to furnish cost, funding, or performance reports, the Contracting Officer or an authorized representative of the Contracting Officer shall have the right to examine and audit the supporting records and materials, for the purpose of evaluating—

(1) The effectiveness of the Contractor's policies and procedures to produce data compatible with the objectives of these reports; and

(2) The data reported.

(f) *Availability.* The Contractor shall make available at its office at all reasonable times the records, materials, and other evidence described in paragraphs (a), (b), (c), (d), and (e) of this clause, for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in Subpart 4.7, Contractor Records Retention, of the Federal Acquisition Regulation (FAR), or for any longer period required by statute or by other clauses of this contract. In addition—

(1) If this contract is completely or partially terminated, the Contractor shall make available the records relating to the work terminated until 3 years after any resulting final termination settlement; and

(2) The Contractor shall make available records relating to appeals under the Disputes clause or to litigation or the settlement of claims arising under or relating to this contract until such appeals, litigation, or claims are finally resolved.

(g) The Contractor shall insert a clause containing all the terms of this clause, including this paragraph (g), in all subcontracts under this contract that exceed the simplified acquisition threshold, and—

(1) That are cost-reimbursement, incentive, time-and-materials, labor-hour, or price-redeterminable type or any combination of these;

(2) For which cost or pricing data are required; or

(3) That require the subcontractor to furnish reports as discussed in paragraph (e) of this clause.

The clause may be altered only as necessary to identify properly the contracting parties and the Contracting Officer under the Government prime contract.

37. 52.233-1 DISPUTES (JUL 2002)

(a) This contract is subject to the Contract Disputes Act of 1978, as amended (41 U.S.C. 601-613).

(b) Except as provided in the Act, all disputes arising under or relating to this contract shall be resolved under this clause.

(c) "Claim," as used in this clause, means a written demand or written assertion by one of the contracting parties seeking, as a matter of right, the payment of money in a sum certain, the adjustment or interpretation of contract terms, or other relief arising under or relating to this contract. However, a written demand or written assertion by the Contractor seeking the payment of money exceeding $100,000 is not a claim under the Act until certified. A voucher, invoice, or other routine request for payment that is not in dispute when submitted

is not a claim under the Act. The submission may be converted to a claim under the Act, by complying with the submission and certification requirements of this clause, if it is disputed either as to liability or amount or is not acted upon in a reasonable time.

(d) (1) A claim by the Contractor shall be made in writing and, unless otherwise stated in this contract, submitted within 6 years after accrual of the claim to the Contracting Officer for a written decision. A claim by the Government against the Contractor shall be subject to a written decision by the Contracting Officer.

(2) (i) The Contractor shall provide the certification specified in paragraph (d)(2)(iii) of this clause when submitting any claim exceeding $100,000.

(ii) The certification requirement does not apply to issues in controversy that have not been submitted as all or part of a claim.

(iii) The certification shall state as follows: "I certify that the claim is made in good faith; that the supporting data are accurate and complete to the best of my knowledge and belief; that the amount requested accurately reflects the contract adjustment for which the Contractor believes the Government is liable; and that I am duly authorized to certify the claim on behalf of the Contractor."

(3) The certification may be executed by any person duly authorized to bind the Contractor with respect to the claim.

(e) For Contractor claims of $100,000 or less, the Contracting Officer must, if requested in writing by the Contractor, render a decision within 60 days of the request. For Contractor-certified claims over $100,000, the Contracting Officer must, within 60 days, decide the claim or notify the Contractor of the date by which the decision will be made.

(f) The Contracting Officer's decision shall be final unless the Contractor appeals or files a suit as provided in the Act.

(g) If the claim by the Contractor is submitted to the Contracting Officer or a claim by the Government is presented to the Contractor, the parties, by mutual consent, may agree to use alternative dispute resolution (ADR). If the Contractor refuses an offer for ADR, the Contractor shall inform the Contracting Officer, in writing, of the Contractor's specific reasons for rejecting the offer.

(h) The Government shall pay interest on the amount found due and unpaid from (1) the date that the Contracting Officer receives the claim (certified, if required); or (2) the date that payment otherwise would be due, if that date is later, until the date of payment. With regard to claims having defective certifications, as defined in FAR 33.201, interest shall be paid from the date that the Contracting Officer initially receives the claim. Simple interest on claims shall be paid at the rate, fixed by the Secretary of the Treasury as provided in the Act, which is applicable to the period during which the Contracting Officer receives the claim and then at the rate applicable for each 6-month period as fixed by the Treasury Secretary during the pendency of the claim.

(i) The Contractor shall proceed diligently with performance of this contract, pending final resolution of any request for relief, claim, appeal, or action arising under the contract, and comply with any decision of the Contracting Officer.

38. 52.222-26 EQUAL OPPORTUNITY (APR 2002)

(Applicable to leases over $10,000.)

(a) *Definition.* "United States," as used in this clause, means the 50 States, the District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, and Wake Island.

(b) If, during any 12-month period (including the 12 months preceding the award of this contract), the Contractor has been or is awarded nonexempt Federal contracts and/or subcontracts that have an aggregate value in excess of $10,000, the Contractor shall comply with paragraphs (b)(1) through (b)(11) of this clause, except for work performed outside the United States by employees who were not recruited within the United States. Upon request, the Contractor shall provide information necessary to determine the applicability of this clause.

(1) The Contractor shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. However, it shall

not be a violation of this clause for the Contractor to extend a publicly announced preference in employment to Indians living on or near an Indian reservation, in connection with employment opportunities on or near an Indian reservation, as permitted by 41 CFR 60-1.5.

(2) The Contractor shall take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, or national origin. This shall include, but not be limited to—
(i) Employment;
(ii) Upgrading;
(iii) Demotion;
(iv) Transfer;
(v) Recruitment or recruitment advertising;
(vi) Layoff or termination;
(vii) Rates of pay or other forms of compensation; and
(viii) Selection for training, including apprenticeship.

(3) The Contractor shall post in conspicuous places available to employees and applicants for employment the notices to be provided by the Contracting Officer that explain this clause.

(4) The Contractor shall, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.

(5) The Contractor shall send, to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding, the notice to be provided by the Contracting Officer advising the labor union or workers' representative of the Contractor's commitments under this clause, and post copies of the notice in conspicuous places available to employees and applicants for employment.

(6) The Contractor shall comply with Executive Order 11246, as amended, and the rules, regulations, and orders of the Secretary of Labor.

(7) The Contractor shall furnish to the contracting agency all information required by Executive Order 11246, as amended, and by the rules, regulations, and orders of the Secretary of Labor. The Contractor shall also file Standard Form 100, (EEO-1), or any successor form, as prescribed in 41 CFR part 60-1. Unless the Contractor has filed within the 12 months preceding the date of contract award, the Contractor shall, within 30 days after contract award, apply to either the regional Office of Federal Contract Compliance Programs (OFCCP) or the local office of the Equal Employment Opportunity Commission for the necessary forms.

(8) The Contractor shall permit access to its premises, during normal business hours, by the contracting agency or the OFCCP for the purpose of conducting on-site compliance evaluations and complaint investigations. The Contractor shall permit the Government to inspect and copy any books, accounts, records (including computerized records), and other material that may be relevant to the matter under investigation and pertinent to compliance with Executive Order 11246, as amended, and rules and regulations that implement the Executive Order.

(9) If the OFCCP determines that the Contractor is not in compliance with this clause or any rule, regulation, or order of the Secretary of Labor, this contract may be canceled, terminated, or suspended in whole or in part and the Contractor may be declared ineligible for further Government contracts, under the procedures authorized in Executive Order 11246, as amended. In addition, sanctions may be imposed and remedies invoked against the Contractor as provided in Executive Order 11246, as amended; in the rules, regulations, and orders of the Secretary of Labor; or as otherwise provided by law.

(10) The Contractor shall include the terms and conditions of paragraphs (b)(1) through (11) of this clause in every subcontract or purchase order that is not exempted by the rules, regulations, or orders of the Secretary of Labor issued under Executive Order 11246, as amended, so that these terms and conditions will be binding upon each subcontractor or vendor.

(11) The Contractor shall take such action with respect to any subcontract or purchase

order as the Contracting Officer may direct as a means of enforcing these terms and conditions, including sanctions for noncompliance, provided, that if the Contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of any direction, the Contractor may request the United States to enter into the litigation to protect the interests of the United States.

(c) Notwithstanding any other clause in this contract, disputes relative to this clause will be governed by the procedures in 41 CFR 60-1.1.

39. 52.222-24 PREAWARD ON-SITE EQUAL OPPORTUNITY COMPLIANCE EVALUATION (FEB 1999)

(Applicable to leases over $10,000,000.)

If a contract in the amount of $10 million or more will result from this solicitation, the prospective Contractor and its known first-tier subcontractors with anticipated subcontracts of $10 million or more shall be subject to a preaward compliance evaluation by the Office of Federal Contract Compliance Programs (OFCCP), unless, within the preceding 24 months, OFCCP has conducted an evaluation and found the prospective Contractor and subcontractors to be in compliance with Executive Order 11246.

40. 52.222-21 PROHIBITION OF SEGREGATED FACILITIES (FEB 1999)

(Applicable to leases over $10,000.)

(a) "Segregated facilities," as used in this clause, means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees, that are segregated by explicit directive or are in fact segregated on the basis of race, color, religion, sex, or national origin because of written or oral policies or employee custom. The term does not include separate or single-user rest rooms or necessary dressing or sleeping areas provided to assure privacy between the sexes.

(b) The Contractor agrees that it does not and will not maintain or provide for its employees any segregated facilities at any of its establishments, and that it does not and will not permit its employees to perform their services at any location under its control where segregated facilities are maintained. The Contractor agrees that a breach of this clause is a violation of the Equal Opportunity clause in this contract.

(c) The Contractor shall include this clause in every subcontract and purchase order that is subject to the Equal Opportunity clause of this contract.

41. 52.222-35 EQUAL OPPORTUNITY FOR SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS (DEC 2001)

(Applicable to leases over $25,000.)

(a) *Definitions.* As used in this clause—

"All employment openings" means all positions except executive and top management, those positions that will be filled from within the Contractor's organization, and positions lasting 3 days or less. This term includes full-time employment, temporary employment of more than 3 days duration, and part-time employment.

"Executive and top management" means any employee—

(1) Whose primary duty consists of the management of the enterprise in which the individual is employed or of a customarily recognized department or subdivision thereof;

(2) Who customarily and regularly directs the work of two or more other employees;

(3) Who has the authority to hire or fire other employees or whose suggestions and recommendations as to the hiring or firing and as to the advancement and promotion or any other change of status of other employees will be given particular weight;

(4) Who customarily and regularly exercises discretionary powers; and

(5) Who does not devote more than 20 percent or, in the case of an employee of a retail or service establishment, who does not devote more than 40 percent of total hours of work in the work week to activities that are not directly and closely related to the performance of the work described in paragraphs (1) through (4) of this definition. This paragraph (5) does not apply in the case of an employee who is in sole charge of an establishment or a physically separated branch establishment, or who owns at least a 20 percent interest in the enterprise in which the individual is employed.

"Other eligible veteran" means any other veteran who served on active duty during a war or in a campaign or expedition for which a campaign badge has been authorized.

"Positions that will be filled from within the Contractor's organization" means employment openings for which the Contractor will give no consideration to persons outside the Contractor's organization (including any affiliates, subsidiaries, and parent companies) and includes any openings the Contractor proposes to fill from regularly established "recall" lists. The exception does not apply to a particular opening once an employer decides to consider applicants outside of its organization.

"Qualified special disabled veteran" means a special disabled veteran who satisfies the requisite skill, experience, education, and other job-related requirements of the employment position such veteran holds or desires, and who, with or without reasonable accommodation, can perform the essential functions of such position.

"Special disabled veteran" means—

(1) A veteran who is entitled to compensation (or who but for the receipt of military retired pay would be entitled to compensation) under laws administered by the Department of Veterans Affairs for a disability—
  (i) Rated at 30 percent or more; or
  (ii) Rated at 10 or 20 percent in the case of a veteran who has been determined under 38 U.S.C. 3106 to have a serious employment handicap (i.e., a significant impairment of the veteran's ability to prepare for, obtain, or retain employment consistent with the veteran's abilities, aptitudes, and interests); or

(2) A person who was discharged or released from active duty because of a service-connected disability.

"Veteran of the Vietnam era" means a person who—

(1) Served on active duty for a period of more than 180 days and was discharged or released from active duty with other than a dishonorable discharge, if any part of such active duty occurred—
  (i) In the Republic of Vietnam between February 28, 1961, and May 7, 1975; or
  (ii) Between August 5, 1964, and May 7, 1975, in all other cases; or

(2) Was discharged or released from active duty for a service-connected disability if any part of the active duty was performed—
  (i) In the Republic of Vietnam between February 28, 1961, and May 7, 1975; or
  (ii) Between August 5, 1964, and May 7, 1975, in all other cases.

(b) *General.*

(1) The Contractor shall not discriminate against the individual because the individual is a special disabled veteran, a veteran of the Vietnam era, or other eligible veteran, regarding any position for which the employee or applicant for employment is qualified. The Contractor shall take affirmative action to employ, advance in employment, and otherwise treat qualified special disabled veterans, veterans of the Vietnam era, and other eligible veterans without discrimination based upon their disability or veterans' status in all employment practices such as—
  (i) Recruitment, advertising, and job application procedures;
  (ii) Hiring, upgrading, promotion, award of tenure, demotion, transfer, layoff, termination, right of return from layoff and rehiring;
  (iii) Rate of pay or any other form of compensation and changes in compensation;
  (iv) Job assignments, job classifications, organizational structures, position descriptions, lines of progression, and seniority lists;
  (v) Leaves of absence, sick leave, or any other leave;
  (vi) Fringe benefits available by virtue of employment, whether or not administered by the Contractor;
  (vii) Selection and financial support for training, including apprenticeship, and on-the-job training under 38 U.S.C. 3687, professional meetings, conferences, and

other related activities, and selection for leaves of absence to pursue training;

(viii) Activities sponsored by the Contractor including social or recreational programs; and

(ix) Any other term, condition, or privilege of employment.

(2) The Contractor shall comply with the rules, regulations, and relevant orders of the Secretary of Labor issued under the Vietnam Era Veterans' Readjustment Assistance Act of 1972 (the Act), as amended (38 U.S.C. 4211 and 4212).

(c) *Listing openings.*

(1) The Contractor shall immediately list all employment openings that exist at the time of the execution of this contract and those which occur during the performance of this contract, including those not generated by this contract, and including those occurring at an establishment of the Contractor other than the one where the contract is being performed, but excluding those of independently operated corporate affiliates, at an appropriate local public employment service office of the State wherein the opening occurs. Listing employment openings with the U.S. Department of Labor's America's Job Bank shall satisfy the requirement to list jobs with the local employment service office.

(2) The Contractor shall make the listing of employment openings with the local employment service office at least concurrently with using any other recruitment source or effort and shall involve the normal obligations of placing a bona fide job order, including accepting referrals of veterans and nonveterans. This listing of employment openings does not require hiring any particular job applicant or hiring from any particular group of job applicants and is not intended to relieve the Contractor from any requirements of Executive orders or regulations concerning nondiscrimination in employment.

(3) Whenever the Contractor becomes contractually bound to the listing terms of this clause, it shall advise the State public employment agency in each State where it has establishments of the name and location of each hiring location in the State. As long as the Contractor is contractually bound to these terms and has so advised the State agency, it need not advise the State agency of subsequent contracts. The Contractor may advise the State agency when it is no longer bound by this contract clause.

(d) *Applicability.* This clause does not apply to the listing of employment openings that occur and are filled outside the 50 States, the District of Columbia, the Commonwealth of Puerto Rico, the Commonwealth of the Northern Mariana Islands, American Samoa, Guam, the Virgin Islands of the United States, and Wake Island.

(e) *Postings.*

(1) The Contractor shall post employment notices in conspicuous places that are available to employees and applicants for employment.

(2) The employment notices shall—

(i) State the rights of applicants and employees as well as the Contractor's obligation under the law to take affirmative action to employ and advance in employment qualified employees and applicants who are special disabled veterans, veterans of the Vietnam era, and other eligible veterans; and

(ii) Be in a form prescribed by the Deputy Assistant Secretary for Federal Contract Compliance Programs, Department of Labor (Deputy Assistant Secretary of Labor), and provided by or through the Contracting Officer.

(3) The Contractor shall ensure that applicants or employees who are special disabled veterans are informed of the contents of the notice (e.g., the Contractor may have the notice read to a visually disabled veteran, or may lower the posted notice so that it can be read by a person in a wheelchair).

(4) The Contractor shall notify each labor union or representative of workers with which it has a collective bargaining agreement, or other contract understanding, that the Contractor is bound by the terms of the Act and is committed to take affirmative action to employ, and advance in employment, qualified special disabled veterans, veterans of the Vietnam era, and other eligible veterans.

(f) *Noncompliance.* If the Contractor does not comply with the requirements of this clause, the Government may take appropriate actions under the rules, regulations, and relevant orders of the Secretary of Labor issued pursuant to the Act.

(g) *Subcontracts.* The Contractor shall insert the terms of this clause in all subcontracts or purchase orders of $25,000 or more unless exempted by rules, regulations, or orders of the Secretary of Labor. The Contractor shall act as specified by the Deputy Assistant Secretary of Labor to enforce the terms, including action for noncompliance.

42. 52.222-36 AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES (JUN 1998)

(Applicable to leases over $10,000.)

(a) *General.*

(1) Regarding any position for which the employee or applicant for employment is qualified, the Contractor shall not discriminate against any employee or applicant because of physical or mental disability. The Contractor agrees to take affirmative action to employ, advance in employment and otherwise treat qualified individuals with disabilities without discrimination based upon their physical or mental disability in all employment practices such as—

(i) Recruitment, advertising, and job application procedures;
(ii) Hiring, upgrading, promotion, award of tenure, demotion, transfer, layoff, termination, right of return from layoff, and rehiring;
(iii) Rates of pay or any other form of compensation and changes in compensation;
(iv) Job assignments, job classifications, organizational structures, position descriptions, lines of progression, and seniority lists;
(v) Leaves of absence, sick leave, or any other leave;
(vi) Fringe benefits available by virtue of employment, whether or not administered by the Contractor;
(vii) Selection and financial support for training, including apprenticeships, professional meetings, conferences, and other related activities, and selection for leaves of absence to pursue training;
(viii) Activities sponsored by the Contractor, including social or recreational programs; and
(ix) Any other term, condition, or privilege of employment.

(2) The Contractor agrees to comply with the rules, regulations, and relevant orders of the Secretary of Labor (Secretary) issued under the Rehabilitation Act of 1973 (29 U.S.C. 793) (the Act), as amended.

(b) *Postings.*

(1) The Contractor agrees to post employment notices stating—

(i) the Contractor's obligation under the law to take affirmative action to employ and advance in employment qualified individuals with disabilities and
(ii) the rights of applicants and employees.

(2) These notices shall be posted in conspicuous places that are available to employees and applicants for employment. The Contractor shall ensure that applicants and employees with disabilities are informed of the contents of the notice (e.g., the Contractor may have the notice read to a visually disabled individual, or may lower the posted notice so that it might be read by a person in a wheelchair). The notices shall be in a form prescribed by the Deputy Assistant Secretary for Federal Contract Compliance of the U.S. Department of Labor (Deputy Assistant Secretary) and shall be provided by or through the Contracting Officer.

(3) The Contractor shall notify each labor union or representative of workers with which it has a collective bargaining agreement or other contract understanding, that the Contractor is bound by the terms of Section 503 of the Act and is committed to take affirmative action to employ, and advance in employment, qualified individuals with physical or mental disabilities.

(c) *Noncompliance.* If the Contractor does not comply with the requirements of this clause, appropriate actions may be taken under the rules, regulations, and relevant orders of the Secretary issued pursuant to the Act.

(d) *Subcontracts*. The Contractor shall include the terms of this clause in every subcontract or purchase order in excess of $10,000 unless exempted by rules, regulations, or orders of the Secretary. The Contractor shall act as specified by the Deputy Assistant Secretary to enforce the terms, including action for noncompliance.

43. 52.222-37 EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS (DEC 2001)

(Applicable to leases over $25,000.)

(a) Unless the Contractor is a State or local government agency, the Contractor shall report at least annually, as required by the Secretary of Labor, on—

(1) The number of special disabled veterans, the number of veterans of the Vietnam era, and other eligible veterans in the workforce of the Contractor by job category and hiring location; and

(2) The total number of new employees hired during the period covered by the report, and of the total, the number of special disabled veterans, the number of veterans of the Vietnam era, and the number of other eligible veterans; and

(3) The maximum number and the minimum number of employees of the Contractor during the period covered by the report.

(b) The Contractor shall report the above items by completing the Form VETS-100, entitled "Federal Contractor Veterans' Employment Report (VETS-100 Report)."

(c) The Contractor shall submit VETS-100 Reports no later than September 30 of each year beginning September 30, 1988.

(d) The employment activity report required by paragraph (a)(2) of this clause shall reflect total hires during the most recent 12-month period as of the ending date selected for the employment profile report required by paragraph (a)(1) of this clause. Contractors may select an ending date—

(1) As of the end of any pay period between July 1 and August 31 of the year the report is due; or

(2) As of December 31, if the Contractor has prior written approval from the Equal Employment Opportunity Commission to do so for purposes of submitting the Employer Information Report EEO-1 (Standard Form 100).

(e) The Contractor shall base the count of veterans reported according to paragraph (a) of this clause on voluntary disclosure. Each Contractor subject to the reporting requirements at 38 U.S.C. 4212 shall invite all special disabled veterans, veterans of the Vietnam era, and other eligible veterans who wish to benefit under the affirmative action program at 38 U.S.C. 4212 to identify themselves to the Contractor. The invitation shall state that—

(1) The information is voluntarily provided;

(2) The information will be kept confidential;

(3) Disclosure or refusal to provide the information will not subject the applicant or employee to any adverse treatment; and

(4) The information will be used only in accordance with the regulations promulgated under 38 U.S.C. 4212.

(f) The Contractor shall insert the terms of this clause in all subcontracts or purchase orders of $25,000 or more unless exempted by rules, regulations, or orders of the Secretary of Labor.

44. 52.209-6 PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT (JAN 2005)

(Applicable to leases over $25,000.)

(a) The Government suspends or debars Contractors to protect the Government's interests. The Contractor shall not enter into any subcontract in excess of $25,000 with a Contractor that is debarred, suspended, or proposed for debarment unless there is a compelling reason to do so.

(b) The Contractor shall require each proposed first-tier subcontractor, whose subcontract will exceed $25,000, to disclose to the Contractor, in writing, whether as of the time of award of the subcontract, the subcontractor, or its principals, is or is not debarred, suspended, or proposed for debarment by the Federal Government

(c) A corporate officer or a designee of the Contractor shall notify the Contracting Officer, in writing, before entering into a subcontract with a party that is debarred, suspended, or proposed for debarment (see FAR 9.404 for information on the Excluded Parties List System). The notice must include the following:

(1) The name of the subcontractor.

(2) The Contractor's knowledge of the reasons for the subcontractor being in the Excluded Parties List System.

(3) The compelling reason(s) for doing business with the subcontractor notwithstanding its inclusion in the Excluded Parties List System.

(4) The systems and procedures the Contractor has established to ensure that it is fully protecting the Government's interests when dealing with such subcontractor in view of the specific basis for the party's debarment, suspension, or proposed debarment.

45. 52.215-12 SUBCONTRACTOR COST OR PRICING DATA (OCT 1997)

(Applicable when the clause at FAR 52.215-10 is applicable.)

(a) Before awarding any subcontract expected to exceed the threshold for submission of cost or pricing data at FAR 15.403-4, on the date of agreement on price or the date of award, whichever is later; or before pricing any subcontract modification involving a pricing adjustment expected to exceed the threshold for submission of cost or pricing data at FAR 15.403-4, the Contractor shall require the subcontractor to submit cost or pricing data (actually or by specific identification in writing), unless an exception under FAR 15.403-1 applies.

(b) The Contractor shall require the subcontractor to certify in substantially the form prescribed in FAR 15.406-2 that, to the best of its knowledge and belief, the data submitted under paragraph (a) of this clause were accurate, complete, and current as of the date of agreement on the negotiated price of the subcontract or subcontract modification.

(c) In each subcontract that exceeds the threshold for submission of cost or pricing data at FAR 15.403-4, when entered into, the Contractor shall insert either—

(1) The substance of this clause, including this paragraph (c), if paragraph (a) of this clause requires submission of cost or pricing data for the subcontract; or

(2) The substance of the clause at FAR 52.215-13, Subcontractor Cost or Pricing Data—Modifications.

46. 52.219-8 UTILIZATION OF SMALL BUSINESS CONCERNS (MAY 2004)

(Applicable to leases over $100,000 average net annual rental, including option periods.)

(a) It is the policy of the United States that small business concerns, veteran-owned small business concerns, service-disabled veteran-owned small business concerns, HUBZone small business concerns, small disadvantaged business concerns, and women-owned small business concerns shall have the maximum practicable opportunity to participate in performing contracts let by any Federal agency, including contracts and subcontracts for subsystems, assemblies, components, and related services for major systems. It is further

the policy of the United States that its prime contractors establish procedures to ensure the timely payment of amounts due pursuant to the terms of their subcontracts with small business concerns, veteran-owned small business concerns, service-disabled veteran-owned small business concerns, HUBZone small business concerns, small disadvantaged business concerns, and women-owned small business concerns.

(b) The Contractor hereby agrees to carry out this policy in the awarding of subcontracts to the fullest extent consistent with efficient contract performance. The Contractor further agrees to cooperate in any studies or surveys as may be conducted by the United States Small Business Administration or the awarding agency of the United States as may be necessary to determine the extent of the Contractor's compliance with this clause.

(c) *Definitions.* As used in this contract—

"HUBZone small business concern" means a small business concern that appears on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration.

"Service-disabled veteran-owned small business concern"—

(1) Means a small business concern—
  (i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and
  (ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a service-disabled veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"Small business concern" means a small business as defined pursuant to Section 3 of the Small Business Act and relevant regulations promulgated pursuant thereto.

"Small disadvantaged business concern" means a small business concern that represents, as part of its offer that—

(1) It has received certification as a small disadvantaged business concern consistent with 13 CFR part 124, Subpart B;

(2) No material change in disadvantaged ownership and control has occurred since its certification;

(3) Where the concern is owned by one or more individuals, the net worth of each individual upon whom the certification is based does not exceed $750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); and

(4) It is identified, on the date of its representation, as a certified small disadvantaged business in the database maintained by the Small Business Administration (PRO-Net).

"Veteran-owned small business concern" means a small business concern—

(1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

"Women-owned small business concern" means a small business concern—

(1) That is at least 51 percent owned by one or more women, or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and

(2) Whose management and daily business operations are controlled by one or more women.

(d) Contractors acting in good faith may rely on written representations by their subcontractors regarding their status as a small business concern, a veteran-owned small business concern, a service-disabled veteran-owned small business concern, a HUBZone small business concern, a small disadvantaged business concern, or a women-owned small business concern.

47. 52.219-9 SMALL BUSINESS SUBCONTRACTING PLAN (JUL 2005)

(Applicable to leases over $500,000.)

(a) This clause does not apply to small business concerns.

(b) *Definitions.* As used in this clause—

"Commercial item" means a product or service that satisfies the definition of commercial item in section 2.101 of the Federal Acquisition Regulation.

"Commercial plan" means a subcontracting plan (including goals) that covers the Offeror's fiscal year and that applies to the entire production of commercial items sold by either the entire company or a portion thereof (e.g., division, plant, or product line).

"Individual contract plan" means a subcontracting plan that covers the entire contract period (including option periods), applies to a specific contract, and has goals that are based on the Offeror's planned subcontracting in support of the specific contract, except that indirect costs incurred for common or joint purposes may be allocated on a prorated basis to the contract.

"Master plan" means a subcontracting plan that contains all the required elements of an individual contract plan, except goals, and may be incorporated into individual contract plans, provided the master plan has been approved.

"Subcontract" means any agreement (other than one involving an employer-employee relationship) entered into by a Federal Government prime Contractor or subcontractor calling for supplies or services required for performance of the contract or subcontract.

(c) The Offeror, upon request by the Contracting Officer, shall submit and negotiate a subcontracting plan, where applicable, that separately addresses subcontracting with small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business concerns, small disadvantaged business, and women-owned small business concerns. If the Offeror is submitting an individual contract plan, the plan must separately address subcontracting with small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns, with a separate part for the basic contract and separate parts for each option (if any). The plan shall be included in and made a part of the resultant contract. The subcontracting plan shall be negotiated within the time specified by the Contracting Officer. Failure to submit and negotiate the subcontracting plan shall make the Offeror ineligible for award of a contract.

(d) The Offeror's subcontracting plan shall include the following:

(1) Goals, expressed in terms of percentages of total planned subcontracting dollars, for the use of small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns as subcontractors. The Offeror shall include all subcontracts that contribute to contract performance, and may include a proportionate share of products and services that are normally allocated as indirect costs.

(2) A statement of—
- (i) Total dollars planned to be subcontracted for an individual contract plan; or the Offeror's total projected sales, expressed in dollars, and the total value of projected subcontracts to support the sales for a commercial plan;
- (ii) Total dollars planned to be subcontracted to small business concerns;
- (iii) Total dollars planned to be subcontracted to veteran-owned small business concerns;
- (iv) Total dollars planned to be subcontracted to service-disabled veteran-owned

small business;
(v) Total dollars planned to be subcontracted to HUBZone small business concerns;
(vi) Total dollars planned to be subcontracted to small disadvantaged business concerns; and
(vii) Total dollars planned to be subcontracted to women-owned small business concerns.

(3) A description of the principal types of supplies and services to be subcontracted, and an identification of the types planned for subcontracting to—
(i) Small business concerns;
(ii) Veteran-owned small business concerns;
(iii) Service-disabled veteran-owned small business concerns;
(iv) HUBZone small business concerns;
(v) Small disadvantaged business concerns; and
(vi) Women-owned small business concerns.

(4) A description of the method used to develop the subcontracting goals in paragraph (d)(1) of this clause.

(5) A description of the method used to identify potential sources for solicitation purposes (e.g., existing company source lists, the Procurement Marketing and Access Network (PRO-Net) of the Small Business Administration (SBA), veterans service organizations, the National Minority Purchasing Council Vendor Information Service, the Research and Information Division of the Minority Business Development Agency in the Department of Commerce, or small, HUBZone, small disadvantaged, and women-owned small business trade associations). A firm may rely on the information contained in PRO-Net as an accurate representation of a concern's size and ownership characteristics for the purposes of maintaining a small, veteran-owned small, service-disabled veteran-owned small, HUBZone small, small disadvantaged, and women-owned small business source list. Use of PRO-Net as its source list does not relieve a firm of its responsibilities (e.g., outreach, assistance, counseling, or publicizing subcontracting opportunities) in this clause.

(6) A statement as to whether or not the Offeror included indirect costs in establishing subcontracting goals, and a description of the method used to determine the proportionate share of indirect costs to be incurred with—
(i) Small business concerns;
(ii) Veteran-owned small business concerns;
(iii) Service-disabled veteran-owned small business concerns;
(iv) HUBZone small business concerns;
(v) Small disadvantaged business concerns; and
(vi) Women-owned small business concerns.

(7) The name of the individual employed by the Offeror who will administer the Offeror's subcontracting program, and a description of the duties of the individual.

(8) A description of the efforts the Offeror will make to assure that small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns have an equitable opportunity to compete for subcontracts.

(9) Assurances that the Offeror will include the clause of this contract entitled "Utilization of Small Business Concerns" in all subcontracts that offer further subcontracting opportunities, and that the Offeror will require all subcontractors (except small business concerns) that receive subcontracts in excess of $500,000 ($1,000,000 for construction of any public facility) to adopt a subcontracting plan that complies with the requirements of this clause.

(10) Assurances that the Offeror will—
(i) Cooperate in any studies or surveys as may be required;
(ii) Submit periodic reports so that the Government can determine the extent of compliance by the Offeror with the subcontracting plan;
(iii) Submit Standard Form (SF) 294, Subcontracting Report for Individual Contracts, and/or SF 295, Summary Subcontract Report, in accordance with paragraph (j) of this clause. The reports shall provide information on subcontract awards to small business concerns, veteran-owned small business concerns, service-disabled veteran-owned small business concerns, HUBZone

small business concerns, small disadvantaged business concerns, women-owned small business concerns, and Historically Black Colleges and Universities and Minority Institutions. Reporting shall be in accordance with the instructions on the forms or as provided in agency regulations.

(iv) Ensure that its subcontractors agree to submit SF 294 and SF 295.

(11) A description of the types of records that will be maintained concerning procedures that have been adopted to comply with the requirements and goals in the plan, including establishing source lists; and a description of the Offeror's efforts to locate small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns and award subcontracts to them. The records shall include at least the following (on a plant-wide or company-wide basis, unless otherwise indicated):

(i) Source lists (e.g., PRO-Net), guides, and other data that identify small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns.

(ii) Organizations contacted in an attempt to locate sources that are small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, or women-owned small business concerns.

(iii) Records on each subcontract solicitation resulting in an award of more than $100,000, indicating—

(A) Whether small business concerns were solicited and, if not, why not;

(B) Whether veteran-owned small business concerns were solicited and, if not, why not;

(C) Whether service-disabled veteran-owned small business concerns were solicited and, if not, why not;

(D) Whether HUBZone small business concerns were solicited and, if not, why not;

(E) Whether small disadvantaged business concerns were solicited and, if not, why not;

(F) Whether women-owned small business concerns were solicited and, if not, why not; and

(G) If applicable, the reason award was not made to a small business concern.

(iv) Records of any outreach efforts to contact—

(A) Trade associations;

(B) Business development organizations;

(C) Conferences and trade fairs to locate small, HUBZone small, small disadvantaged, and women-owned small business sources; and

(D) Veterans service organizations.

(v) Records of internal guidance and encouragement provided to buyers through—

(A) Workshops, seminars, training, etc.; and

(B) Monitoring performance to evaluate compliance with the program's requirements.

(vi) On a contract-by-contract basis, records to support award data submitted by the Offeror to the Government, including the name, address, and business size of each subcontractor. Contractors having commercial plans need not comply with this requirement.

(e) In order to effectively implement this plan to the extent consistent with efficient contract performance, the Contractor shall perform the following functions:

(1) Assist small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns by arranging solicitations, time for the preparation of bids, quantities, specifications, and delivery schedules so as to facilitate the participation by such concerns. Where the Contractor's lists of potential small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business subcontractors are excessively long, reasonable effort shall be made to give all such small business concerns an opportunity to compete over a period of time.

(2) Provide adequate and timely consideration of the potentialities of small business, veteran-owned small business, service-disabled veteran-owned small business,

HUBZone small business, small disadvantaged business, and women-owned small business concerns in all "make-or-buy" decisions.

(3) Counsel and discuss subcontracting opportunities with representatives of small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business firms.

(4) Confirm that a subcontractor representing itself as a HUBZone small business concern is identified as a certified HUBZone small business concern by accessing the Central Contractor Registration (CCR) database or by contacting SBA.

(5) Provide notice to subcontractors concerning penalties and remedies for misrepresentations of business status as small, veteran-owned small business, HUBZone small, small disadvantaged, or women-owned small business for the purpose of obtaining a subcontract that is to be included as part or all of a goal contained in the Contractor's subcontracting plan.

(f) A master plan on a plant or division-wide basis that contains all the elements required by paragraph (d) of this clause, except goals, may be incorporated by reference as a part of the subcontracting plan required of the Offeror by this clause; provided—

(1) The master plan has been approved;

(2) The Offeror ensures that the master plan is updated as necessary and provides copies of the approved master plan, including evidence of its approval, to the Contracting Officer; and

(3) Goals and any deviations from the master plan deemed necessary by the Contracting Officer to satisfy the requirements of this contract are set forth in the individual subcontracting plan.

(g) A commercial plan is the preferred type of subcontracting plan for contractors furnishing commercial items. The commercial plan shall relate to the Offeror's planned subcontracting generally, for both commercial and Government business, rather than solely to the Government contract. Commercial plans are also preferred for subcontractors that provide commercial items under a prime contract, whether or not the prime contractor is supplying a commercial item.

(h) Prior compliance of the Offeror with other such subcontracting plans under previous contracts will be considered by the Contracting Officer in determining the responsibility of the Offeror for award of the contract.

(i) The failure of the Contractor or subcontractor to comply in good faith with—

(1) The clause of this contract entitled "Utilization Of Small Business Concerns"; or

(2) An approved plan required by this clause, shall be a material breach of the contract.

(j) The Contractor shall submit the following reports:

(1) *Standard Form 294, Subcontracting Report for Individual Contracts*. This report shall be submitted to the Contracting Officer semiannually and at contract completion. The report covers subcontract award data related to this contract. This report is not required for commercial plans.

(2) *Standard Form 295, Summary Subcontract Report*. This report encompasses all of the contracts with the awarding agency. It must be submitted semi-annually for contracts with the Department of Defense and annually for contracts with civilian agencies. If the reporting activity is covered by a commercial plan, the reporting activity must report annually all subcontract awards under that plan. All reports submitted at the close of each fiscal year (both individual and commercial plans) shall include a breakout, in the Contractor's format, of subcontract awards, in whole dollars, to small disadvantaged business concerns by North American Industry Classification System (NAICS) Industry Subsector. For a commercial plan, the Contractor may obtain from each of its subcontractors a predominant NAICS Industry Subsector and report all awards to that subcontractor under its predominant NAICS Industry Subsector.

48. 52.219-16 LIQUIDATED DAMAGES—SUBCONTRACTING PLAN (JAN 1999)

(Applicable to leases over $500,000.)

(a) *Failure to make a good faith effort to comply with the subcontracting plan*, as used in this clause, means a willful or intentional failure to perform in accordance with the requirements of the subcontracting plan approved under the clause in this contract entitled "Small Business Subcontracting Plan," or willful or intentional action to frustrate the plan.

(b) Performance shall be measured by applying the percentage goals to the total actual subcontracting dollars or, if a commercial plan is involved, to the pro rata share of actual subcontracting dollars attributable to Government contracts covered by the commercial plan. If, at contract completion or, in the case of a commercial plan, at the close of the fiscal year for which the plan is applicable, the Contractor has failed to meet its subcontracting goals and the Contracting Officer decides in accordance with paragraph (c) of this clause that the Contractor failed to make a good faith effort to comply with its subcontracting plan, established in accordance with the clause in this contract entitled "Small Business Subcontracting Plan," the Contractor shall pay the Government liquidated damages in an amount stated. The amount of probable damages attributable to the Contractor's failure to comply shall be an amount equal to the actual dollar amount by which the Contractor failed to achieve each subcontract goal.

(c) Before the Contracting Officer makes a final decision that the Contractor has failed to make such good faith effort, the Contracting Officer shall give the Contractor written notice specifying the failure and permitting the Contractor to demonstrate what good faith efforts have been made and to discuss the matter. Failure to respond to the notice may be taken as an admission that no valid explanation exists. If, after consideration of all the pertinent data, the Contracting Officer finds that the Contractor failed to make a good faith effort to comply with the subcontracting plan, the Contracting Officer shall issue a final decision to that effect and require that the Contractor pay the Government liquidated damages as provided in paragraph (b) of this clause.

(d) With respect to commercial plans, the Contracting Officer who approved the plan will perform the functions of the Contracting Officer under this clause on behalf of all agencies with contracts covered by the commercial plan.

(e) The Contractor shall have the right of appeal, under the clause in this contract entitled, Disputes, from any final decision of the Contracting Officer.

(f) Liquidated damages shall be in addition to any other remedies that the Government may have.

REPRESENTATIONS AND CERTIFICATIONS (Acquisition of Leasehold Interests in Real Property)	Solicitation Number 57453B11821	Dated 8/15/12

Complete appropriate boxes, sign the form, and attach to offer.

The Offeror makes the following Representations and Certifications. NOTE: The "Offeror," as used on this form, is the owner of the property offered, not an individual or agent representing the owner.

1. 52.219-1 - SMALL BUSINESS PROGRAM REPRESENTATIONS (MAY 2004)

(a) (1) The North American Industry Classification System (NAICS) code for this acquisition is 531190.

(2) The small business size standard is $19.0 Million in annual average gross revenue of the concern for the last 3 fiscal years.

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b) *Representations.*

(1) The Offeror represents as part of its offer that it [ ] is, [X] is not a small business concern.

(2) [*Complete only if the Offeror represented itself as a small business concern in paragraph (b)(1) of this provision.*] The Offeror represents, for general statistical purposes, that it [ ] is, [ ] is not, a small disadvantaged business concern as defined in 13 CFR 124.1002.

(3) [*Complete only if the Offeror represented itself as a small business concern in paragraph (b)(1) of this provision.*] The Offeror represents as part of its offer that it [ ] is, [ ] is not a women-owned small business concern.

(4) [*Complete only if the Offeror represented itself as a small business concern in paragraph (b)(1) of this provision.*] The Offeror represents as part of its offer that it [ ] is, [ ] is not a veteran-owned small business concern.

(5) [*Complete only if the Offeror represented itself as a veteran-owned small business concern in paragraph (b)(4) of this provision.*] The Offeror represents as part of its offer that it [ ] is, [ ] is not a service-disabled veteran-owned small business concern.

(6) [*Complete only if the Offeror represented itself as a small business concern in paragraph (b)(1) of this provision.*] The Offeror represents, as part of its offer, that—

(i) It [ ] is, [ ] is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR part 126; and

(ii) It [ ] is, [ ] is not a joint venture that complies with the requirements of 13 CFR part 126, and the representation in paragraph (b)(6)(i) of this provision is accurate for the HUBZone small business concern or concerns that are participating in the joint venture. [*The Offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in the joint venture:* _____.] Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.

(c) *Definitions*. As used in this provision—

"Service-disabled veteran-owned small business concern"—
(1) Means a small business concern—
  (i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and
  (ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"Small business concern" means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR part 121 and the size standard in paragraph (a) of this provision.

"Veteran-owned small business concern" means a small business concern—
(1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

"Women-owned small business concern" means a small business concern—
(1) That is at least 51 percent owned by one or more women; or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and

(2) Whose management and daily business operations are controlled by one or more women.

(d) *Notice*.

(1) If this solicitation is for supplies and has been set aside, in whole or in part, for small business concerns, then the clause in this solicitation providing notice of the set-aside contains restrictions on the source of the end items to be furnished.

(2) Under 15 U.S.C. 645(d), any person who misrepresents a firm's status as a small, HUBZone small, small disadvantaged, or women-owned small business concern in order to obtain a contract to be awarded under the preference programs established pursuant to section 8(a), 8(d), 9, or 15 of the Small Business Act or any other provision of Federal law that specifically references section 8(d) for a definition of program eligibility, shall-
  (i) Be punished by imposition of fine, imprisonment, or both;
  (ii) Be subject to administrative remedies, including suspension and debarment; and
  (iii) Be ineligible for participation in programs conducted under the authority of the Act.

2. 52.204-5 - WOMEN-OWNED BUSINESS (OTHER THAN SMALL BUSINESS) (MAY 1999)

(a) *Definition*. "Women-owned business concern," as used in this provision, means a concern which is at least 51 percent owned by one or more women; or in the case of any publicly owned business, at least 51 percent of its stock is owned by one or more women; and whose management and daily business operations are controlled by one or more women.

(b) *Representation*. [Complete only if the Offeror is a women-owned business concern and has not represented itself as a small business concern in paragraph (b)(1) of FAR 52.219-1, Small Business Program Representations, of this solicitation.] The Offeror represents that it **[ ]** is a women-owned business concern.

3. 52.222-22 - PREVIOUS CONTRACTS AND COMPLIANCE REPORTS (FEB 1999)

(Applicable to leases over $10,000.)

The Offeror represents that—

(a) It [X] has, [ ] has not participated in a previous contract or subcontract subject to the Equal Opportunity clause of this solicitation;

(b) It [X] has, [ ] has not filed all required compliance reports; and

(c) Representations indicating submission of required compliance reports, signed by proposed subcontractors, will be obtained before subcontract awards. (Approved by OMB under Control Number 1215-0072.)

4. 52.222-25 - AFFIRMATIVE ACTION COMPLIANCE (APR 1984)

(Applicable to leases over $10,000 and which include the clause at FAR 52.222-26, Equal Opportunity.)

The Offeror represents that—

(a) It [X] has developed and has on file, [ ] has not developed and does not have on file, at each establishment affirmative action programs required by the rules and regulations of the Secretary of Labor (41 CFR 60-1 and 60-2), or

(b) It [ ] has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor. (Approved by OMB under Control Number 1215-0072.)

5. 52.203-02 - CERTIFICATE OF INDEPENDENT PRICE DETERMINATION (APR 1985)

(Applicable to leases over $100,000 average net annual rental, including option periods.)

(a) The Offeror certifies that—

(1) The prices in this offer have been arrived at independently, without, for the purpose of restricting competition, any consultation, communication, or agreement with any other Offeror or competitor relating to (i) those prices, (ii) the intention to submit an offer, or (iii) the methods or factors used to calculate the prices offered;

(2) The prices in this offer have not been and will not be knowingly disclosed by the Offeror, directly or indirectly, to any other Offeror or competitor before bid opening (in the case of a sealed bid solicitation) or contract award (in the case of a negotiated solicitation) unless otherwise required by law; and

(3) No attempt has been made or will be made by the Offeror to induce any other concern to submit or not to submit an offer for the purpose of restricting competition.

(b) Each signature on the offer is considered to be a certification by the signatory that the signatory—

(1) Is the person in the Offeror's organization responsible for determining the prices being offered in this bid or proposal, and that the signatory has not participated and will not participate in any action contrary to subparagraphs (a)(1) through (a)(3) above; or

(2) (i) Has been authorized, in writing, to act as agent for the following principals in certifying that those principals have not participated, and will not participate in any action contrary to subparagraphs (a)(1) through (a)(3) above Steven T. Stone, Assistant County Manager [Insert full name of person(s) in the Offeror's organization responsible for determining the prices offered in this bid or proposal, and the title of his or her position in the Offeror's organization];

(ii) As an authorized agent, does certify that the principals named in subdivision (b)(2)(i) above have not participated, and will not participate, in any action contrary to subparagraphs (a)(1) through (a)(3) above; and

(iii) As an agent, has not personally participated, and will not participate, in action contrary to subparagraphs (a)(1) through (a)(3) above.

(c) If the Offeror deletes or modifies subparagraph (a)(2) above, the Offeror must furnish with its offer a signed statement setting forth in detail the circumstances of the disclosure.

6. 52.203-11 - CERTIFICATION AND DISCLOSURE REGARDING PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS (SEP 2005)

(Applicable to leases over $100,000.)

(a) The definitions and prohibitions contained in the clause, at FAR 52.203-12, Limitation on Payments to Influence Certain Federal Transactions, included in this solicitation, are hereby incorporated by reference in paragraph (b) of this certification.

(b) The Offeror, by signing its offer, hereby certifies to the best of his or her knowledge and belief that on or after December 23, 1989, —

(1) No Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress on his or her behalf in connection with the awarding of a contract;

(2) If any funds other than Federal appropriated funds (including profit or fee received under a covered Federal transaction) have been paid, or will be paid, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress on his or her behalf in connection with this solicitation, the Offeror shall complete and submit, with its offer, OMB standard form LLL, Disclosure of Lobbying Activities, to the Contracting Officer; and

(3) He or she will include the language of this certification in all subcontract awards at any tier and require that all recipients of subcontract awards in excess of $100,000 shall certify and disclose accordingly.

(c) Submission of this certification and disclosure is a prerequisite for making or entering into this contract imposed by section 1352, title 31, United States Code. Any person who makes an expenditure prohibited under this provision or who fails to file or amend the disclosure form to be filed or amended by this provision, shall be subject to a civil penalty of not less than $10,000, and not more than $100,000, for each such failure.

7. 52.209-5 - CERTIFICATION REGARDING DEBARMENT, SUSPENSION, PROPOSED DEBARMENT, AND OTHER RESPONSIBILITY MATTERS (DEC 2001)

(Applicable to leases over $100,000 average net annual rental, including option periods.)

(a) (1) The Offeror certifies, to the best of its knowledge and belief, that—

(i) The Offeror and/or any of its Principals—

(A) Are [ ] are not [X] presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency;

(B) Have [ ] have not [X], within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, state, or local) contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, or receiving stolen property; and

(C) Are [ ] are not [X] presently indicted for, or otherwise criminally or civilly charged by a governmental entity with, commission of any of the offenses enumerated in paragraph (a)(1)(i)(B) of this provision.

(ii) The Offeror has [ ] has not [X], within a three-year period preceding this offer, had one or more contracts terminated for default by any Federal agency.

(2) "Principals," for the purposes of this certification, means officers; directors; owners; partners; and, persons having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a subsidiary, division, or business segment, and similar positions).

This Certification Concerns a Matter Within the Jurisdiction of an Agency of the United States and the Making of a False, Fictitious, or Fraudulent Certification May Render the Maker Subject to Prosecution Under Section 1001, Title 18, United States Code.

(b) The Offeror shall provide immediate written notice to the Contracting Officer if, at any time prior to contract award, the Offeror learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

(c) A certification that any of the items in paragraph (a) of this provision exists will not necessarily result in withholding of an award under this solicitation. However, the certification will be considered in connection with a determination of the Offeror's responsibility. Failure of the Offeror to furnish a certification or provide such additional information as requested by the Contracting Officer may render the Offeror nonresponsible.

(d) Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by paragraph (a) of this provision. The knowledge and information of an Offeror is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

(e) The certification in paragraph (a) of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the Offeror knowingly rendered an erroneous certification, in addition to other remedies available to the Government, the Contracting Officer may terminate the contract resulting from this solicitation for default.

8. 52.204-3 - TAXPAYER IDENTIFICATION (OCT 1998)

(a) *Definitions.*

"Common parent," as used in this provision, means that corporate entity that owns or controls an affiliated group of corporations that files its Federal income tax returns on a consolidated basis, and of which the Offeror is a member.

"Taxpayer Identification Number (TIN)," as used in this provision, means the number required by the Internal Revenue Service (IRS) to be used by the Offeror in reporting income tax and other returns. The TIN may be either a Social Security Number or an Employer Identification Number.

(b) All Offerors must submit the information required in paragraphs (d) through (f) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M, and implementing regulations issued by the IRS. If the resulting contract is subject to the payment reporting requirements described in Federal Acquisition Regulation (FAR) 4.904, the failure or refusal by the Offeror to furnish the information may result in a 31 percent reduction of payments otherwise due under the contract.

(c) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the Offeror's relationship with the Government (31 U.S.C. 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the Offeror's TIN.

(d) *Taxpayer Identification Number (TIN).*

[X] TIN: 56-6000278
[ ] TIN has been applied for.
[ ] TIN is not required because:
[ ] Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the United States and does not have an office or place of business or a fiscal paying agent in the United States;
[ ] Offeror is an agency or instrumentality of a foreign government;
[ ] Offeror is an agency or instrumentality of the Federal government;

(e) *Type of organization.*

[ ] Sole proprietorship;
[ ] Partnership;
[ ] Corporate entity (not tax-exempt);
[ ] Corporate entity (tax-exempt);
[X] Government entity (Federal, State, or local);
[ ] Foreign government;
[ ] International organization per 26 CFR 1.6049-4;
[ ] Other _____

(f) *Common Parent.*

[ ] Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this provision.
[ ] Name and TIN of common parent:

Name _____

TIN _____

9. 52.204-6 – Data Universal Numbering System (DUNS) Number (OCT 2003)

(a) The Offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation "DUNS" or "DUNS+4" followed by the DUNS number or "DUNS+4" that identifies the Offeror's name and address exactly as stated in the offer. The DUNS number is a nine-digit number assigned by Dun and Bradstreet, Inc. The DUNS+4 is the DUNS number plus a 4-character suffix that may be assigned at the discretion of the Offeror to establish additional CCR records for identifying alternative Electronic Funds Transfer (EFT) accounts (see Subpart 32.11) for the same parent concern.

(b) If the Offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one.

(1) An Offeror may obtain a DUNS number—
(i) If located within the United States, by calling Dun and Bradstreet at 1-866-705-5711 or via the Internet at http://www.dnb.com; or
(ii) If located outside the United States, by contacting the local Dun and Bradstreet office.

(2) The Offeror should be prepared to provide the following information:
(i) Company legal business name.
(ii) Tradestyle, doing business, or other name by which your entity is commonly recognized.
(iii) Company physical street address, city, state and zip code.
(iv) Company mailing address, city, state and zip code (if separate from physical).
(v) Company telephone number.
(vi) Date the company was started.
(vii) Number of employees at your location.
(viii) Chief executive officer/key manager.
(ix) Line of business (industry).
(x) Company Headquarters name and address (reporting relationship within your entity).

10. DUNS NUMBER (JUN 2004)

Notwithstanding the above instructions, in addition to inserting the DUNS Number on the offer cover page, the Offeror shall also provide its DUNS Number as part of this submission:

DUNS # 091571349

11. CENTRAL CONTRACTOR REGISTRATION (JAN 2007)

The Central Contractor Registration (CCR) System is a centrally located, searchable database which assists in the development, maintenance, and provision of sources for future procurements. The Offeror must be registered in the CCR prior to lease award. The Offeror shall register via the Internet at http://www.ccr.gov. To remain active, the Offeror/Lessor is required to update or renew its registration annually.

[ ] Registration Active and Copy Attached

[ ] Will Activate Registration and Submit Copy to the Government Prior to Award

OFFEROR OR AUTHORIZED REPRESENTATIVE	NAME, ADDRESS (INCLUDING ZIP CODE) NAME Brunswick County Govt STREET P.O. Box 249 CITY, STATE, ZIP Bolivia, NC 28422 Signature	TELEPHONE NUMBER 910-253-2015 6/29/15 Date

REPRESENTATIONS AND CERTIFICATIONS (Acquisition of Leasehold Interests in Real Property)	Solicitation Number 57453B11821	Dated 8/15/12

Complete appropriate boxes, sign the form, and attach to offer.

The Offeror makes the following Representations and Certifications. NOTE: The "Offeror," as used on this form, is the owner of the property offered, not an individual or agent representing the owner.

1. 52.219-1 - SMALL BUSINESS PROGRAM REPRESENTATIONS (MAY 2004)

(a) (1) The North American Industry Classification System (NAICS) code for this acquisition is 531190.

(2) The small business size standard is $19.0 Million in annual average gross revenue of the concern for the last 3 fiscal years.

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b) *Representations.*

(1) The Offeror represents as part of its offer that it [ ] is, [X] is not a small business concern.

(2) [*Complete only if the Offeror represented itself as a small business concern in paragraph (b)(1) of this provision.*] The Offeror represents, for general statistical purposes, that it [ ] is, [ ] is not, a small disadvantaged business concern as defined in 13 CFR 124.1002.

(3) [*Complete only if the Offeror represented itself as a small business concern in paragraph (b)(1) of this provision.*] The Offeror represents as part of its offer that it [ ] is, [ ] is not a women-owned small business concern.

(4) [*Complete only if the Offeror represented itself as a small business concern in paragraph (b)(1) of this provision.*] The Offeror represents as part of its offer that it [ ] is, [ ] is not a veteran-owned small business concern.

(5) [*Complete only if the Offeror represented itself as a veteran-owned small business concern in paragraph (b)(4) of this provision.*] The Offeror represents as part of its offer that it [ ] is, [ ] is not a service-disabled veteran-owned small business concern.

(6) [*Complete only if the Offeror represented itself as a small business concern in paragraph (b)(1) of this provision.*] The Offeror represents, as part of its offer, that—

(i) It [ ] is, [ ] is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR part 126; and

(ii) It [ ] is, [ ] is not a joint venture that complies with the requirements of 13 CFR part 126, and the representation in paragraph (b)(6)(i) of this provision is accurate for the HUBZone small business concern or concerns that are participating in the joint venture. [*The Offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in the joint venture:* _____.] Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.

(c) *Definitions*. As used in this provision—

"Service-disabled veteran-owned small business concern"—
(1) Means a small business concern—
  (i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and
  (ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"Small business concern" means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR part 121 and the size standard in paragraph (a) of this provision.

"Veteran-owned small business concern" means a small business concern—
(1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

"Women-owned small business concern" means a small business concern—
(1) That is at least 51 percent owned by one or more women; or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and

(2) Whose management and daily business operations are controlled by one or more women.

(d) *Notice*.

(1) If this solicitation is for supplies and has been set aside, in whole or in part, for small business concerns, then the clause in this solicitation providing notice of the set-aside contains restrictions on the source of the end items to be furnished.

(2) Under 15 U.S.C. 645(d), any person who misrepresents a firm's status as a small, HUBZone small, small disadvantaged, or women-owned small business concern in order to obtain a contract to be awarded under the preference programs established pursuant to section 8(a), 8(d), 9, or 15 of the Small Business Act or any other provision of Federal law that specifically references section 8(d) for a definition of program eligibility, shall-
  (i) Be punished by imposition of fine, imprisonment, or both;
  (ii) Be subject to administrative remedies, including suspension and debarment; and
  (iii) Be ineligible for participation in programs conducted under the authority of the Act.

2. 52.204-5 - WOMEN-OWNED BUSINESS (OTHER THAN SMALL BUSINESS) (MAY 1999)

(a) *Definition*. "Women-owned business concern," as used in this provision, means a concern which is at least 51 percent owned by one or more women; or in the case of any publicly owned business, at least 51 percent of its stock is owned by one or more women; and whose management and daily business operations are controlled by one or more women.

(b) *Representation*. [Complete only if the Offeror is a women-owned business concern and has not represented itself as a small business concern in paragraph (b)(1) of FAR 52.219-1, Small Business Program Representations, of this solicitation.] The Offeror represents that it **[ ]** is a women-owned business concern.

3. **52.222-22 - PREVIOUS CONTRACTS AND COMPLIANCE REPORTS (FEB 1999)**

(Applicable to leases over $10,000.)

The Offeror represents that—

(a) It [X] has, [ ] has not participated in a previous contract or subcontract subject to the Equal Opportunity clause of this solicitation;

(b) It [X] has, [ ] has not filed all required compliance reports; and

(c) Representations indicating submission of required compliance reports, signed by proposed subcontractors, will be obtained before subcontract awards. (Approved by OMB under Control Number 1215-0072.)

4. **52.222-25 - AFFIRMATIVE ACTION COMPLIANCE (APR 1984)**

(Applicable to leases over $10,000 and which include the clause at FAR 52.222-26, Equal Opportunity.)

The Offeror represents that—

(a) It [X] has developed and has on file, [ ] has not developed and does not have on file, at each establishment affirmative action programs required by the rules and regulations of the Secretary of Labor (41 CFR 60-1 and 60-2), or

(b) It [ ] has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor. (Approved by OMB under Control Number 1215-0072.)

5. **52.203-02 - CERTIFICATE OF INDEPENDENT PRICE DETERMINATION (APR 1985)**

(Applicable to leases over $100,000 average net annual rental, including option periods.)

(a) The Offeror certifies that—

(1) The prices in this offer have been arrived at independently, without, for the purpose of restricting competition, any consultation, communication, or agreement with any other Offeror or competitor relating to (i) those prices, (ii) the intention to submit an offer, or (iii) the methods or factors used to calculate the prices offered;

(2) The prices in this offer have not been and will not be knowingly disclosed by the Offeror, directly or indirectly, to any other Offeror or competitor before bid opening (in the case of a sealed bid solicitation) or contract award (in the case of a negotiated solicitation) unless otherwise required by law; and

(3) No attempt has been made or will be made by the Offeror to induce any other concern to submit or not to submit an offer for the purpose of restricting competition.

(b) Each signature on the offer is considered to be a certification by the signatory that the signatory—

(1) Is the person in the Offeror's organization responsible for determining the prices being offered in this bid or proposal, and that the signatory has not participated and will not participate in any action contrary to subparagraphs (a)(1) through (a)(3) above; or

(2) (i) Has been authorized, in writing, to act as agent for the following principals in certifying that those principals have not participated, and will not participate in any action contrary to subparagraphs (a)(1) through (a)(3) above Steven T. Stone, Assistant County Manager [Insert full name of person(s) in the Offeror's organization responsible for determining the prices offered in this bid or proposal, and the title of his or her position in the Offeror's organization];

(ii) As an authorized agent, does certify that the principals named in subdivision (b)(2)(i) above have not participated, and will not participate, in any action contrary to subparagraphs (a)(1) through (a)(3) above; and

(iii) As an agent, has not personally participated, and will not participate, in action contrary to subparagraphs (a)(1) through (a)(3) above.

(c) If the Offeror deletes or modifies subparagraph (a)(2) above, the Offeror must furnish with its offer a signed statement setting forth in detail the circumstances of the disclosure.

6. 52.203-11 - CERTIFICATION AND DISCLOSURE REGARDING PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS (SEP 2005)

(Applicable to leases over $100,000.)

(a) The definitions and prohibitions contained in the clause, at FAR 52.203-12, Limitation on Payments to Influence Certain Federal Transactions, included in this solicitation, are hereby incorporated by reference in paragraph (b) of this certification.

(b) The Offeror, by signing its offer, hereby certifies to the best of his or her knowledge and belief that on or after December 23, 1989, —

(1) No Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress on his or her behalf in connection with the awarding of a contract;

(2) If any funds other than Federal appropriated funds (including profit or fee received under a covered Federal transaction) have been paid, or will be paid, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress on his or her behalf in connection with this solicitation, the Offeror shall complete and submit, with its offer, OMB standard form LLL, Disclosure of Lobbying Activities, to the Contracting Officer; and

(3) He or she will include the language of this certification in all subcontract awards at any tier and require that all recipients of subcontract awards in excess of $100,000 shall certify and disclose accordingly.

(c) Submission of this certification and disclosure is a prerequisite for making or entering into this contract imposed by section 1352, title 31, United States Code. Any person who makes an expenditure prohibited under this provision or who fails to file or amend the disclosure form to be filed or amended by this provision, shall be subject to a civil penalty of not less than $10,000, and not more than $100,000, for each such failure.

7. 52.209-5 - CERTIFICATION REGARDING DEBARMENT, SUSPENSION, PROPOSED DEBARMENT, AND OTHER RESPONSIBILITY MATTERS (DEC 2001)

(Applicable to leases over $100,000 average net annual rental, including option periods.)

(a) (1) The Offeror certifies, to the best of its knowledge and belief, that—

(i) The Offeror and/or any of its Principals—

(A) Are [ ] are not [X] presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency;

(B) Have [ ] have not [X], within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, state, or local) contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, or receiving stolen property; and

(C) Are [ ] are not [X] presently indicted for, or otherwise criminally or civilly charged by a governmental entity with, commission of any of the offenses enumerated in paragraph (a)(1)(i)(B) of this provision.

(ii) The Offeror has [ ] has not [X], within a three-year period preceding this offer, had one or more contracts terminated for default by any Federal agency.

(2) "Principals," for the purposes of this certification, means officers; directors; owners; partners; and, persons having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a subsidiary, division, or business segment, and similar positions).

This Certification Concerns a Matter Within the Jurisdiction of an Agency of the United States and the Making of a False, Fictitious, or Fraudulent Certification May Render the Maker Subject to Prosecution Under Section 1001, Title 18, United States Code.

(b) The Offeror shall provide immediate written notice to the Contracting Officer if, at any time prior to contract award, the Offeror learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

(c) A certification that any of the items in paragraph (a) of this provision exists will not necessarily result in withholding of an award under this solicitation. However, the certification will be considered in connection with a determination of the Offeror's responsibility. Failure of the Offeror to furnish a certification or provide such additional information as requested by the Contracting Officer may render the Offeror nonresponsible.

(d) Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by paragraph (a) of this provision. The knowledge and information of an Offeror is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

(e) The certification in paragraph (a) of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the Offeror knowingly rendered an erroneous certification, in addition to other remedies available to the Government, the Contracting Officer may terminate the contract resulting from this solicitation for default.

8. 52.204-3 - TAXPAYER IDENTIFICATION (OCT 1998)

(a) *Definitions.*

"Common parent," as used in this provision, means that corporate entity that owns or controls an affiliated group of corporations that files its Federal income tax returns on a consolidated basis, and of which the Offeror is a member.

"Taxpayer Identification Number (TIN)," as used in this provision, means the number required by the Internal Revenue Service (IRS) to be used by the Offeror in reporting income tax and other returns. The TIN may be either a Social Security Number or an Employer Identification Number.

(b) All Offerors must submit the information required in paragraphs (d) through (f) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M, and implementing regulations issued by the IRS. If the resulting contract is subject to the payment reporting requirements described in Federal Acquisition Regulation (FAR) 4.904, the failure or refusal by the Offeror to furnish the information may result in a 31 percent reduction of payments otherwise due under the contract.

(c) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the Offeror's relationship with the Government (31 U.S.C. 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the Offeror's TIN.

(d) *Taxpayer Identification Number (TIN).*

[X] TIN: 56-6000278
[ ] TIN has been applied for.
[ ] TIN is not required because:
[ ] Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the United States and does not have an office or place of business or a fiscal paying agent in the United States;
[ ] Offeror is an agency or instrumentality of a foreign government;
[ ] Offeror is an agency or instrumentality of the Federal government;

(e) *Type of organization.*

[ ] Sole proprietorship;
[ ] Partnership;
[ ] Corporate entity (not tax-exempt);
[X] Government entity (Federal, State, or local);
[ ] Foreign government;
[ ] International organization per 26 CFR 1.6049-4;
[ ] Corporate entity (tax-exempt);
[ ] Other _____

(f) *Common Parent.*

[ ] Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this provision.
[ ] Name and TIN of common parent:

Name _____

TIN _____

9. 52.204-6 – Data Universal Numbering System (DUNS) Number (OCT 2003)

(a) The Offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation "DUNS" or "DUNS+4" followed by the DUNS number or "DUNS+4" that identifies the Offeror's name and address exactly as stated in the offer. The DUNS number is a nine-digit number assigned by Dun and Bradstreet, Inc. The DUNS+4 is the DUNS number plus a 4-character suffix that may be assigned at the discretion of the Offeror to establish additional CCR records for identifying alternative Electronic Funds Transfer (EFT) accounts (see Subpart 32.11) for the same parent concern.

(b) If the Offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one.

(1) An Offeror may obtain a DUNS number—
(i) If located within the United States, by calling Dun and Bradstreet at 1-866-705-5711 or via the Internet at http://www.dnb.com; or
(ii) If located outside the United States, by contacting the local Dun and Bradstreet office.

(2) The Offeror should be prepared to provide the following information:
(i) Company legal business name.
(ii) Tradestyle, doing business, or other name by which your entity is commonly recognized.
(iii) Company physical street address, city, state and zip code.
(iv) Company mailing address, city, state and zip code (if separate from physical).
(v) Company telephone number.
(vi) Date the company was started.
(vii) Number of employees at your location.
(viii) Chief executive officer/key manager.
(ix) Line of business (industry).
(x) Company Headquarters name and address (reporting relationship within your entity).

10. DUNS NUMBER (JUN 2004)

Notwithstanding the above instructions, in addition to inserting the DUNS Number on the offer cover page, the Offeror shall also provide its DUNS Number as part of this submission:

DUNS # 091571349

11. CENTRAL CONTRACTOR REGISTRATION (JAN 2007)

The Central Contractor Registration (CCR) System is a centrally located, searchable database which assists in the development, maintenance, and provision of sources for future procurements. The Offeror must be registered in the CCR prior to lease award. The Offeror shall register via the Internet at http://www.ccr.gov. To remain active, the Offeror/Lessor is required to update or renew its registration annually.

[ ] Registration Active and Copy Attached

[ ] Will Activate Registration and Submit Copy to the Government Prior to Award

OFFEROR OR AUTHORIZED REPRESENTATIVE	NAME, ADDRESS (INCLUDING ZIP CODE)	TELEPHONE NUMBER
	NAME Brunswick County Govt. STREET P.O. Box 249 CITY STATE ZIP Bolivia, NC 28422 Signature	910-253-2009 8-15-12 Date

Brunswick County Board of Commissioners
ACTION AGENDA ITEM
September 19, 2022

Action Item # V. - 2.
Clerk to the Board - Meeting Minutes September 6, 2022

From:
Daralyn Spivey

Issue/Action Requested:
Request the Board of Commissioners approve the meeting minutes for September 6, 2022.

Background/Purpose of Request:

Fiscal Impact:
Reviewed By Director of Fiscal Operations

Approved By County Attorney:
Yes

County Manager's Recommendation:
Recommend the Board of Commissioners approve the meeting minutes for September 6, 2022.

ATTACHMENTS:

Description

- Meeting Minutes September 6, 2022

BRUNSWICK COUNTY BOARD OF COMMISSIONERS
OFFICIAL MINUTES
REGULAR MEETING
September 6, 2022
3:00 P.M.

The Brunswick County Board of Commissioners met in Regular Session on the above date at 3:00 p.m., Commissioners' Chambers, David R. Sandifer Administration Building, County Government Center, Bolivia, North Carolina.

PRESENT:	Commissioner Randy Thompson, Chairman Commissioner Mike Forte, Vice-Chairman Commissioner J. Martin Cooke Commissioner Pat Sykes Commissioner Frank Williams
STAFF:	Steve Stone, County Manager Bob Shaver, County Attorney David Stanley, Deputy County Manager Haynes Brigman, Deputy County Manager Aaron Smith, Finance Director Daralyn Spivey, Clerk to the Board LeAnn Weigand, Executive Assistant Meagan Kascsak, Communications Director Currie Elkins, MIS Lt. Tate Bond, Sheriff's Office

Board Action, containing all items in this set of minutes, is filed within the Clerk to the Board's office.

I. CALL TO ORDER

Chairman Thompson called the meeting to order at 3:00 p.m.

II. INVOCATION/PLEDGE OF ALLEGIANCE

Commissioner Williams gave the Invocation and led the Pledge of Allegiance.

III. ADJUSTMENTS/APPROVAL OF AGENDA

Chairman Thompson asked for adjustments to the agenda. Hearing none, Commissioner Williams made the motion to approve the agenda. The motion was seconded by Vice – Chairman Forte and passed unanimously (5 to 0).

IV. PUBLIC COMMENTS

Ms. Peg Ostby expressed her appreciation to the Board and specifically Commissioners' Williams and Sykes for meeting with citizens to educate on the relationships between the State and the County, suggesting the creation of a webinar for citizens informational session, and focusing on the County Map Book.

Ms. Denise Donnelly spoke of her appreciation for those who support the library and Patricia Dew, Director.

Mr. Nick Cherasaro spoke to his request to live streaming of meetings to the community.

Mr. Gary Ostby spoke of the 2023 tax process, conducting a town hall meeting regarding the 2023 tax issues in the County and live streaming of Board Meetings.

V. APPROVAL OF CONSENT AGENDA

Vice – Chairman Forte moved to approve the Consent Agenda. The motion was seconded by Commissioner Cooke and passed unanimously (5 to 0). See individual items for approval status:

1. **Administration - Brunswick County Schools Contracts with Becker Morgan Group, Inc. and Barnhill Contracting Company for design and construction of North Brunswick High School Addition- Approved**

DRAFT

The Board approved and authorized the Chairman to sign the Becker Morgan Group, Inc. design contract in the amount of $1,057,000 and the Construction Manager at Risk Barnhill Contracting Company construction contract in the amount of $22,274,068 for the North Brunswick High School Addition.

2. **Clerk to the Board - Meeting Minutes- Approved**
The Board approved the meeting minutes for July 18, 2022, August 1, 2022 and August 15, 2022.

3. **Emergency Services - Board Appointment - Waccamaw Fire District Fireman's Relief Fund Board– Approved**
The Board appointed Ellen Milligan to the Waccamaw Fireman's Relief Fund Board. Ms. Milligan will replace Mr. Doug Brown who has passed away.

4. **Emergency Services - Homeland Security Disaster Preparedness Grant – Approved**
The Board approved the Notification and Grant Application Evaluation Form for the (FY) 2022 Homeland Security Grant Program (HSGP).

5. **Finance - Fiscal Items - Approved**
The Board approved Budget Amendments, Capital Project Ordinances, and Fiscal Items of a routine nature on the consent agenda.

-DSS Links Additional Revenue Budget Amendment
-Appropriating $17,500 of additional Links Transitional Revenue for use in the Links Transitional Expense program line.

-WIC Client Services Additional Revenue Budget Amendment
Appropriating $25,697 of additional WIC Client Services Revenue based on the increased client load.

-Airport Grant 36244.58.10.1 Closeout Budget Amendment and CPO
Closeout airport grant 36244.58.10.1 and return unexpended local match of $5,623 to undesignated funds in the County Capital Reserve.

-Code Administration Insurance Proceeds Budget Amendment
Appropriating insurance proceeds of $1,500 for the replacement of damaged drone in Code Administration.

-NC911 Board Ineligible Expenditures Budget Amendment
To move ineligible expenditures associated with the ESInet connection currently budgeted in the emergency telephone system fund. The County will invoice the state for these costs and be reimbursed in the General Fund moving forward.

-Lightning Strike Insurance Proceeds Budget Amendment
Appropriating $11,780 of insurance proceeds to repair and maintenance equipment for emergency repair of tower after lightning strike.

6. **Finance - NC Forest Service Agreement - Approved**
The Board approved and authorized the County Manager to sign an agreement with the North Carolina Department of Agriculture and Consumers Services for the protection, development, and improvement of forest land in Brunswick County.

7. **Health and Human Services: BSRI - FY 2023 HCCBG County Agreement, Funding Plan, and Lead Agency Designation – Approved**
The Board approved the 2022-2023 Home and Community Care Block Grant for Older Adults (HCCBG) package including the funding plan, grant agreement, Attachment B Federal Certifications, form CD-511, disclosure of lobbying activities, and the county designation of Brunswick Senior Resources Inc. (BSRI) as lead agency for aging services.

8. **Health and Human Services - Health Services – Annual Board of Health Policies– Approved**
The Board reviewed and approved the annual Board of Health policies.

9. **Health and Human Services - Health Services – Contract for School Nursing FY 22-23**
The Board approved the FY 22-23 contract agreement with Brunswick County Schools for funding school nurses utilizing state-restricted funds.

DRAFT

10. **Health and Human Services - Health Services – Tobacco-Free Policy – Approved**
The Board reviewed and approved the Tobacco-Free Policy for Local Health Department Buildings and Grounds.

11. **Health and Human Services - Sheltering Agreement with Brunswick County Schools FY 22-23 – Approved**
The Board approved the sheltering agreement between Brunswick County and Brunswick County Schools (BCS).

12. **Health and Human Services - Social Services - DSS and Trillium MOA – Approved**
The Board approved the FY 22-23 Memorandum of Agreement with Trillium Health Resources for Work First and Child Protective Services Substance Use Initiative.

13. **Health and Human Services - Social Services - Wortman Law Firm Contract FY 22-23 – Approved**
The Board approved the FY 22-23 contract for Wortman Law Firm, PLLC.

14. **IT - Contract Amendment to Agreement with CivicPlus (CivicClerk) and addition of Statements of Work for CivicEngage (website) and CivicGov (Planning, Code Enforcement and Zoning)**
The Board approved the Amendment to the Agreement adopted on 06/29/22 with CivicPlus allowing for multiple modules of the CivicPlus platform to be covered under the same Agreement. The Board also approved the Statements of Work for CivicEngage (Outsourcing of County Website) and CivicGov (for use by Planning Department for planning, zoning and code enforcement).

15. **Library - Nonrecurring State Aid to Libraries – Approved**
The Board approved the acceptance of Nonrecurring State Aid to Libraries for Brunswick County Library.

16. **Library - Schedule of Fees – Approved**
The Board approved the updated Schedule of Fees, specifically the change in the fees associated with color and black and white printing/copies.

17. **Soil and Water - Conservation Easement Grant Award Acceptance - Approved**
The Board approved and accepted a grant from the North Carolina Department of Agriculture and Consumer Services Division of Farmland Preservation to place a conservation easement on agricultural property located at 1330 Hickman Rd NW Calabash, NC with the Brunswick Soil and Water Conservation District as the easement holder. The grant amount consists of $379,331.80 in State Funds. Required match to be covered by landowner donated easement value.

18. **Utilities - CFPUA Interlocal Agreement Goods Received – Approved**
The Board approved an Interlocal Agreement for the receipt of goods for used SCADA radios from CFPUA (Cape Fear Public Utility Authority).

19. **Utilities - Raw Water Agreement Compass Pointe – Approved**
The Board approved the Raw Water Supply Agreement for Irrigation with Irrigation, LLC and authorized the Chairman and Clerk to the Board to execute the associated agreement.

VI. PRESENTATION

1. **Clerk to the Board - Emergency Preparedness Month**
The Board heard a request to adopt a resolution recognizing September as Emergency Preparedness Month. The Resolution reads as follows:

RESOLUTION DECLARING SEPTEMBER 2022 AS
"PREPAREDNESS MONTH" IN BRUNSWICK COUNTY

WHEREAS, National Preparedness Month is an observance each September to raise awareness about the importance of preparing for disasters and emergencies that could happen at any time; and

WHEREAS, Counties throughout North Carolina have been affected by a variety of emergencies, including mudslides, wildfires, flooding, earthquakes, and the COVID-19 pandemic; and

DRAFT

WHEREAS, the peak period of hurricane season is historically mid-August through October, and September 10 marks the peak of hurricane season; and

WHEREAS, on Brunswick County Commissioner Frank Williams recently completed his term as President of the N.C. Association of County Commissioners, which was focused on the *100 Counties Prepared* initiative; and

WHEREAS, all five Brunswick County Commissioners and three members of the Brunswick County management team completed the inaugural *100 Counties Prepared* training, which focused on training county commissioners on how to effectively lead during emergencies, compiling resources to assist commissioners during emergency situations, and helping commissioners establish relationships with key emergency management partners; and

WHEREAS, the 2022 theme of National Preparedness Month is "A Lasting Legacy. The life you have built is worth protecting. Prepare for disasters to create a lasting legacy for you and your family"; and

WHEREAS; the Brunswick County Board of Commissioners desires that every household, property owner, and business in Brunswick County be prepared for potential emergencies**.**

NOW, THEREFORE, BE IT RESOLVED that the Board of Commissioners of Brunswick County hereby declares September 2022 as Preparedness Month in Brunswick County and encourages all citizens to provide for "A Lasting Legacy" to their loved ones by developing an emergency plan, building an emergency kit, and communicating their emergency plan to all members of their household and/or workplace.

Adopted this the 6th day of September, 2022.

Randell Thompson, Chairman
Brunswick County Board of Commissioners

Attest:
Daralyn Spivey
Clerk to the Board

Commissioner Williams moved to adopt the Resolution with the motion seconded by Commissioner Cooke and passed unanimously (5 to 0).

VII. ADMINISTRATIVE REPORT

1. Administration - American Flood Coalition

The Board heard a request to adopt a resolution to consider membership in the American Flood Coalition (AFC). The Resolution reads as follows:

A RESOLUTION OF THE BRUNSWICK COUNTY BOARD OF COMMISSIONERS PROVIDING FOR MEMBERSHIP TO THE AMERICAN FLOOD COALITION

WHEREAS, proactively investing to prevent flooding is a wiser use of resources than spending on flooding recovery, as exemplified by FEMA research showing that $1 of spent on disaster prevention saves up to $7 in recovery costs, and

WHEREAS, national coordination and support are necessary for communities to fully address the challenge of flooding and sea level rise, and the American Flood Coalition provides a platform advocating for national solutions to flooding and sea level rise that invest in and protect our coastal communities, and

WHEREAS, the American Flood Coalition is a no-cost forum for best practices and source of support in developing local and state-level responses to flooding and sea level rise that will enhance the County's resilience effort, and

WHEREAS, flooding and sea level rise are important issues that our residents deserve to understand and the American Flood Coalition provides opportunities and tools to communicate with residents on flooding challenges and solutions, and

DRAFT

WHEREAS, joining the American Flood Coalition will aid the County's efforts to protect against flooding without requiring any financial support or dues from Brunswick County, and

WHEREAS, the Brunswick County Board of Commissioners' find that joining the American Flood Coalition will promote the welfare of County residents and ensure the prosperity of the local economy by accelerating solutions to sea level rise and flooding, and

NOW, THEREFORE, BE IT RESOLVED that the Brunswick County Board of Commissioners' recognizes the need to advance national solutions to sea level rise and flooding and will work as a member of the American Flood Coalition to safeguard the welfare of the County residents.

Adopted this the 6th day of September, 2022

Randy Thompson, Chairman
Brunswick County Board of Commissioners

ATTEST:
Daralyn Spivey, NCCCC
Clerk to the Board

Vice – Chairman Forte moved to adopt the Resolution with the motion seconded by Commissioner Cooke and passed unanimously (5 to 0).

2. **Administration - City of Boiling Spring Lakes Dam Projects Funding**
Mr. Stone provided information to the Board for consideration to approve the Interlocal Agreement with the City of Boiling Spring Lakes. The County will provide $3,000,000 to support the City's dam restoration projects.
Vice – Chairman Forte moved to approve the agreement with Boiling Spring Lakes. The motion was seconded by Commissioner Williams and passed unanimously (5 to 0).

3. **Administration - NCACC FY 23 Legislative Goals**
Mr. Stone presented the draft legislative goals for the NCACC Legislative Goals Agenda to include the following:

State Goals:

- Seek additional State funding to support local adult (senior) day services, both in-home and facility-based.

- Seek legislation to review and update flood maps more frequently in Counties experiencing high rates of population growth.

- Oppose efforts to divert to the state, fees or taxes currently allocated to the counties or to erode existing county revenue streams with unfunded mandates. (Continuation of current NCACC goal)

- Support increased state funding for existing and new transportation construction and maintenance needs, and support legislation to ensure that the Strategic Transportation Investments (STI) funding formula recognizes that one size does not fit all and that projects in both rural and urban areas are prioritized and funded. (Continuation of current NCACC goal)

- Support legislation for hold harmless provisions and staggered payment plans to control/cap the liability to counties under the Medicaid and NCHC overpayment recoupment plan, which holds counties financially responsible for the erroneous issuance of Medicaid benefits and Medicaid claim payments resulting when the county DSS takes any action that requires payment of Medicaid claims for an ineligible individual. (Continuation of current NCACC goal)

Federal Goals

DRAFT

- Seek legislation or policy changes to streamline and expedite the FEMA individual assistance process.

- Request Congress to support an exemption for water systems from financial liability for PFAS cleanup under CERCLA (Superfund).

Commissioner Williams moved to adopt the NCACC Legislative Goals as presented. Commissioner Sykes seconded and passed unanimously (5 to 0).

VIII. OTHER BUSINESS/INFORMAL DISCUSSION

No other business was brought before the Board.

IX. CLOSED SESSION

1. The Board of Commissioner entered into closed session pursuant to G.S. § 143-318.11(a)(1) and (3) to approve Closed Session Minutes from June 20, 2022 and August 15, 2022 and to consult with an attorney employed or retained by the public body in order to preserve the attorney-client privilege between the attorney and the public body.

   Mr. Shaver noted the above statutory requirements.

   Commissioner Williams made the motion to enter Closed Session at 3:37 p.m. The motion was seconded by Commissioner Cooke and passed unanimously (5 to 0).

   Chairman Thompson called the Regular Session to order at 3:50 p.m.

   Mr. Shaver advised there was no further business to bring back before the Board.

X. ADJOURNMENT

Commissioner Williams moved to adjourn the meeting at 3:50 p.m. The motion was seconded by Vice – Chairman Forte and passed unanimously (5 to 0).

_____
Randy Thompson, Chairman
Brunswick County Board of Commissioners

Attest:

_____
Daralyn Spivey, NCCCC
Clerk to the Board

DRAFT

Brunswick County Board of Commissioners
ACTION AGENDA ITEM
September 19, 2022

Action Item # V. - 3.
County Attorney - Eagle Run, Ph 2, Lots 2000-2042 Deed Of Dedication

From:
Asst. County Attorney--Bryan Batton

Issue/Action Requested:
Consider accepting the Deed of Dedication for water and sewer infrastructure in Eagle Run, Phase 2, Lots 2000-2042.

Background/Purpose of Request:
Pulte Home Company, LLC has submitted a Deed of Dedication for water and sewer infrastructure in Eagle Run, Phase 2, Lots 2000-2042. The lines have been tested and approved and are ready to be incorporated into our utility system.

Fiscal Impact:
Reviewed By Director of Fiscal Operations
$ 118,547.00 for water
$ 176,781.00 for sewer

Approved By County Attorney:
Yes

County Attorney's Recommendation:
Accept the Deed of Dedication for water and sewer infrastructure from Pulte Home Company, LLC.

County Manager's Recommendation:
Recommend that the Board consider accepting the Deed of Dedication for water and sewer infrastructure in Eagle Run, Phase 2, Lots 2000-2042.

ATTACHMENTS:

Description

- Eagle Run, Phase 2, Lots 2000-2042 DOD

Prepared by:
Evan Gosney
4401 Leeds Ave, Suite 400
N. Charleston, SC 29405

DEED OF DEDICATION

STATE OF NORTH CAROLINA

COUNTY OF BRUNSWICK

THIS DEED OF DEDICATION, made and entered into this the 17th day of August, 2027 by and between Pulte Home Company, LLC, a Michigan limited liability company, with an office and place of business in Brunswick County, North Carolina, party of the first part, hereinafter referred to as "Developer", and BRUNSWICK COUNTY, a governmental entity created and existing under the laws of the State of North Carolina, P.O. Box 249, Bolivia NC 28422, party of the second part, hereinafter referred to as Grantee;

W I T N E S S E T H:

That whereas Developer is the owner and developer of a tract or parcel located in Shallotte Township, Brunswick County, North Carolina, known as Eagle Run Phase 2, Parcel A Tract -1 (18 Lots) and Parcel A Tract - 2 (25 Lots).

And whereas Developer has caused to be installed water distribution lines [and/or sewer lines] under and along the road rights-of-way hereinafter described and referenced; And whereas Developer wishes to obtain water [and/or sewer] from Grantee for the property and to make water [and/or sewer] from Grantee's system available to individual owners.

And whereas Grantee has adopted through appropriate resolution stated policy regarding water distribution [and/or sewer] systems under the terms of which, among other things, in order to obtain water [and/or sewer] for said subdivision Developer must

convey title to the water [and/or sewer] distribution system to Grantee through an instrument of dedication acceptable to Grantee;

NOW, THEREFORE, Developer, in consideration of Grantee accepting said water [and/or sewer] lines and making water [and/or sewer] available to said subdivision, has conveyed by these presents does hereby convey to Grantee, its lawful successors and assigns, the following described property:

All water [and/or sewer] lines and related facilities and improvements located in the following street rights-of-way: **Wingspan Court** (50' Public Right-of-Way) and **Crested Eagle Court** (50' Public Right-of-Way); as shown on a map entitled "SUBDIVISION PLAT OF EAGLE RUN PHASE II, REMAINDER PARCEL A, TRACT-1 (18 LOTS); PORTION OF PARCEL A TRACT -2 (25 LOTS) (43 LOT SUBDIVISION) TOWN OF CAROLINA SHORES, SHALLOTTE TOWNSHIP, Brunswick County, North Carolina prepared for PULTE HOME COMPANY, LLC" recorded in Map Cabinet 138, Pages 20-24, Brunswick County, Register of Deeds.

TO HAVE AND TO HOLD said water [and/or sewer] lines and equipment above described together with the privileges and appurtenances thereto belonging to Grantee forever.

Non-exclusive easements over, along and upon the entire area of the streets and cul-de-sacs depicted on the maps and serving the areas referenced above for purposes of entry into the subdivision for maintenance, repair and upkeep of the water [and/or sewer] distribution systems and for connecting the same to the individual lots developed or to be developed lying adjacent to said streets and cul-de-sacs reserving unto Developers, its successor and assigns, equal rights of easement and easement over, in, along and upon said streets and cul-de-sacs for purposes of installing and maintaining such utilities as may be required for the development of said subdivision, including, but not limited to, electric, gas, telephone, cable and sewer.

And Developer does hereby covenant that it is seized of said water [and/or sewer] lines and equipment described above in fee simple and has the right to convey the same in fee simple, that the same are free and clear of encumbrances, and that it will warrant and defend the title to the same against all persons whomsoever.

Developer warrants to Grantee that the system herein conveyed is of good quality and free from faults and defects and conforms to as-built drawings. Developer warrants said system for a period of one (1) year from the date of recording this Deed of Dedication in the office of the Brunswick County Register of Deeds.

IN WITNESS WHEREOF, the Grantor has caused this instrument to be duly executed, the day and year first above written.

PULTE HOME COMPANY, LLC, a
Michigan limited liability company

By: Pulte Home Company LLC
Eric Korsten, Division VP

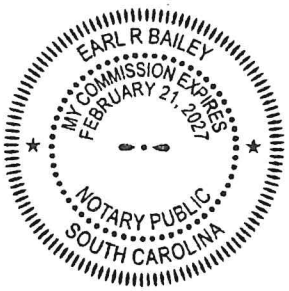
STATE OF SOUTH CAROLINA §

COUNTY OF HORRY §

I, Earl R. Bailey, a Notary Public of the County and State aforesaid, do hereby certify that Eric Korsten personally came before me this day, and he/she acknowledged that he/she is (Division President/Division Vice President, of Pulte Home Company, LLC, a Michigan limited liability company, and that he/she, as Division Vice President, being authorized to do so, executed the foregoing on behalf of such limited liability company.

Witness my hand and official seal, this the 17th day of August, 2022.

(NOTARY SEAL)



Printed or Typed Name of Notary Public:

Earl R. Bailey

My Commission Expires:

Earl R. Bailey

ACCEPTANCE OF DEED

This Deed of Dedication and accompanying Affidavit for Pulte Home Company was accepted by the Brunswick County Board of Commissioners on the_____day of _____, 20___.

Brunswick County Board of Commissioners

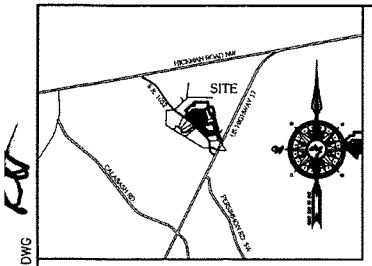
_____
Randy Thompson, Chairman

_____
Daralyn Spivey
Clerk to the Board

SUBDIVISION PLAT OF EAGLE RUN-PHASE II

REMAINDER PARCEL A TRACT-1 (18 LOTS)
PORTION OF PARCEL A TRACT-2 (25 LOTS)
EAGLE RUN-PHASE II (43 LOT SUBDIVISION)

TOWN OF CAROLINA SHORES
SHALLOTTE TOWNSHIP
BRUNSWICK COUNTY -NORTH CAROLINA
PREPARED FOR
PULTE HOME COMPANY, LLC



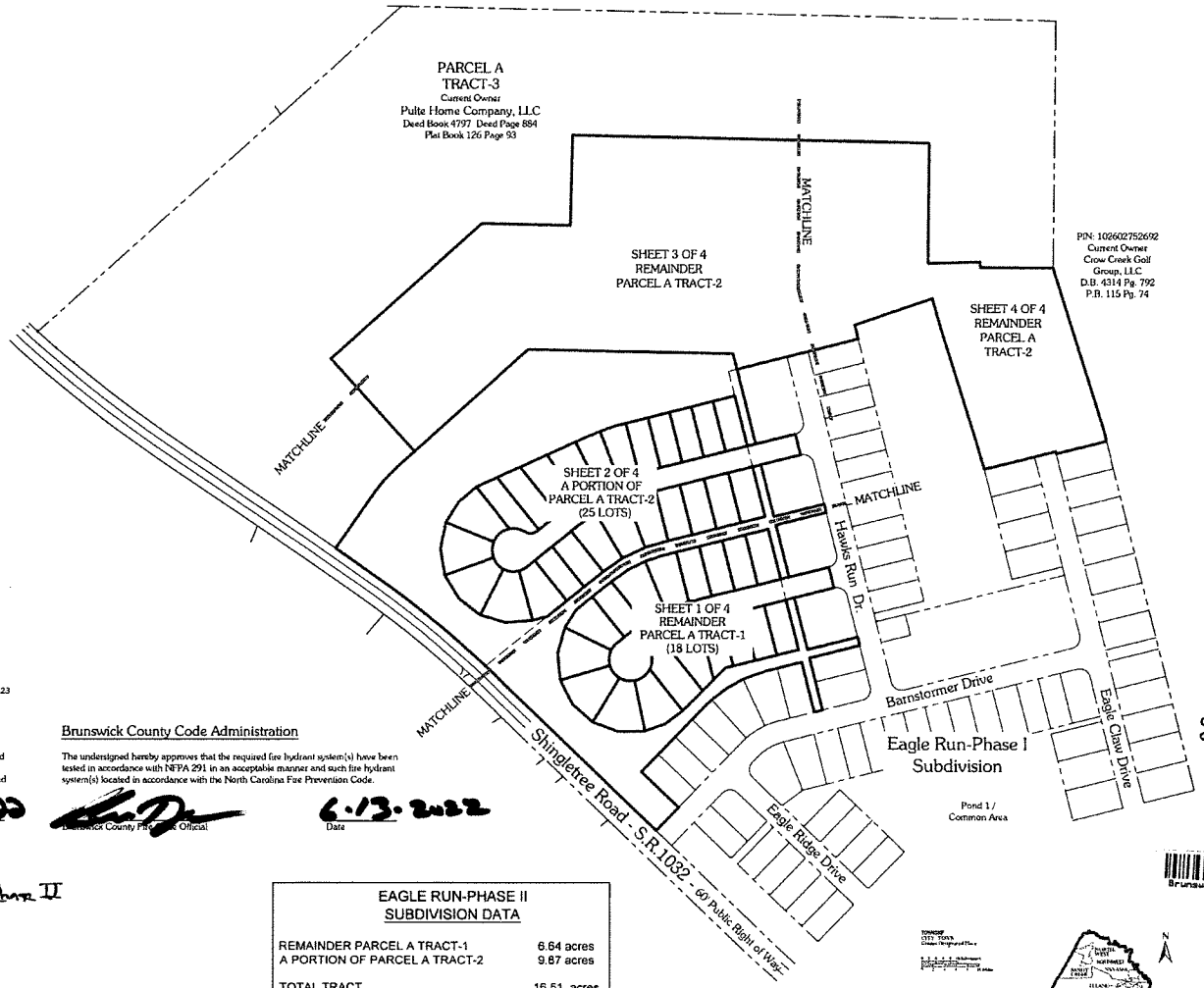
~VICINITY MAP N.T.S.~

NOTES:

1. PARCEL ID: 2250003S
   PARCEL PIN: 102604740359
   Total Original Acreage of Tract-1 (42.26 Ac.)
   Deed Book 4394 Deed Page 1387
   Ref: P/O Plat Book 122 Plat Page 15
   PARCEL ID: 2250003802
   PARCEL PIN: 102604645551
   Total Original Acreage of Tract-2 (25.81 Ac.)
   Deed Book 4656 Deed Page 665
   Ref: P/O Plat Book 122 Plat Page 15
   The zoning of Tracts 1 & 2 AD.
   Owner of Record :
   Pulte Home Company, LLC
   4401 Leeds Avenue, Suite 400
   North Charleston, South Carolina 29405
2. This property is based on Brunswick County Flood Insurance Map 3720102600 K, Revised August 28th, 2018, Panel 1026 Community Town of Carolina Shores , CID 370517, located in Zone (X) as scaled from F.I.R.M. This plat is not the basis for flood zone determination or flood zone related issues.
3. Declaration is made to original purchaser of the survey. It is not transferable to additional institutions or subsequent owners. This survey is only valid if print of same has original signature and embossed seal of the surveyor.
4. Surveyor has made no investigation or independent search for easements of record, encumbrances, restrictive covenants, ownership title evidence, or any other facts that an accurate and current title search may disclose.
5. Subsurface and environmental conditions were not examined or considered as a part of this survey. No statement is made concerning the existence of underground or overhead containers or facilities that may affect the use or development of this tract.
6. This property is subject to all easements or restrictions of record.
7. Last property transfer Deed Book 4394, Page 1387.
8. 1/2" Iron Pipes Set at all corners unless noted otherwise.
9. All Bearings are based upon the North Carolina State Plane Coordinate System (NAD83||2001). All distances shown are Horizontal not grid distances.
10. Area calculations are by the coordinate method.
11. This Property Subject to Development Agreement Filed in D.B. 4326 Pg 404
12. Date of Field Survey: October, 2019

REFERENCE:

1. Plat of "The Lands Claimed in Deed Book 457 Page 496, etc.", for Jerry McLamb Construction Company, dated June 21st, 2005 by Norris & Ward Land Surveyors recorded in Map Cabinet 32 Page 538 at the Brunswick County Register of Deeds.
2. Plat of "A Part of The Lands Claimed in Deed Book 547 Page 541", for Earl Wayne & Paula Smith, dated June 24th, 2008 by Norris & Ward Land Surveyors recorded in Map Cabinet 54 Page 5 at the Brunswick County Register of Deeds.
3. Plat of "Family Division, for Bobbie B. White and Dorothy B. Stern", dated June 17th, 2009 by Bobbie M. Lang & Associates recorded in Map Cabinet 68 Page 21 at the Brunswick County Register of Deeds.
4. Subdivision / Combination Plat of Combined Area 94.57 Acres - Subdivided Area of 6.23 Acres, dated February 17th, 2020 by Development Resource Group of The Carolinas recorded in Map Cabinet 119 Page 82 at the Brunswick County Register of Deeds.



LEGEND

- Iron Rebar Found (IRF)
- Iron Pipe Found (IPF)
- Crimp Top Pipe (CTP)
- Pipe (ROD)
- Iron Pipe Set (IPS)
- Calculated Point (CP)
- Monument
- OHP — Overhead Power
- (T) Total Distance
- (C/O) Current Owner
- (L.T.B.D.) Line To Be Deleted

GRAPHIC SCALE

200 0 100 200 400
(IN FEET)
1 Inch = 200 ft.

Town of Carolina Shores

I hereby certify that the subdivision plat shown hereon has been found to comply with the subdivision regulations of the Town of Carolina Shores, North Carolina and that this plat has been approved by the Board of Commissioners for recording in the Office of the Register of Deeds of Brunswick County

Date 5-11-22
Mayor
Town of Carolina Shores

State of North Carolina

I, M. Pace, Review Officer of Brunswick County, certify that the map or plat which this certification is affixed meets all statutory requirements for recording.

Review Officer 6/14/22 Date

Flood Damage Prevention
Certificate of Approval for Recording

I certify that the plat shown hereon complies with the Town of Carolina Shores Flood Damage Prevention requirements and is approved by Carolina Shores for recording in the Register of Deeds Office.

Sandy Wood 05/16/2022
Administrator Date

Certificate of Ownership and Dedication

I hereby certify that I (we) am (are) the owner(s) of the property shown and described hereon, and that I (we) hereby adopt this plan of subdivision with my (our) free consent, and dedicate all roads and other sites and easements to public use as noted in the Certificate of Private Roadways, where applicable.

Owner(s) / Authorized Representative 5-10-22 Date

Brunswick County Code Administration

The undersigned hereby approves that the required fire hydrant system(s) have been tested in accordance with NFPA 291 in an acceptable manner and such fire hydrant system(s) located in accordance with the North Carolina Fire Prevention Code.

Brunswick County Fire Code Official 6.13.2022 Date

Certificate of Approval for Recording Final Plat

I, Sandy Wood, UDO Administrator, certify that the Town of Carolina Shores fully approved the final plat of the Subdivision entitled Eagle Run Phase II

Sandy Wood 05/14/2022
Administrator Date

NORTH CAROLINA PROFESSIONAL SEAL L-3917 MICHAEL D. OLIVER SURVEYOR

CERTIFICATE OF SURVEY AND ACCURACY

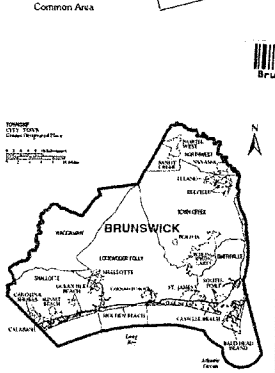
I, Michael D. Oliver, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book 4394, page 1387, Book 4656 Page 665 etc.); that the ratio of precision as calculated is 1: 10,000; that this plat was prepared in accordance with G.S. 47-30 as amended and that it is true and correct to the best of my knowledge and belief.
I further certify that this survey creates a subdivision of land within the area of a county or municipality that has an ordinance that regulates parcels of land.

Witness my original signature, registration number and seal this 7th day of March A.D., 2022

Michael D. Oliver, PLS
Registration Number L-3917

EAGLE RUN-PHASE II
SUBDIVISION DATA

REMAINDER PARCEL A TRACT-1	6.64 acres
A PORTION OF PARCEL A TRACT-2	9.87 acres
TOTAL TRACT	16.51 acres
TOTAL RIGHT OF WAY	1.68 acres
TOTAL COMMON AREA	7.28 acres
TOTAL PRIVATE LOTS	7.55 acres
LINEAR FEET OF PUBLIC STREETS	1,278 lf
TOTAL # OF LOTS	43
SMALLEST LOT (MULTIPLE)	6,240 sqft
LARGEST LOT (#2004)	10,132 sqft



Brunswick County, NC Register of Deeds B0138 P0020 05-12-2022 15:29:34.000 Brenda M. Clemmons PLAT Page 1 of 5

Development Resource Group of the Carolinas, PLLC
4703 Oleander Drive
Myrtle Beach, SC 29577
Telephone: 843.839.3350
www.drgpllc.com

COVER

DATE: 03-07-2022	SCALE: 1"=200'	20.188

DWG NAME: P:\20188 - PULTE - EAGLE RUN - TOWN OF CAROLINA SHORES PHASE 2\SURVEY_SURVEY CAD DRAWINGS\20188 2022-03-04 FINAL PLAT EAGLE RUN PHASE II.DWG

1385

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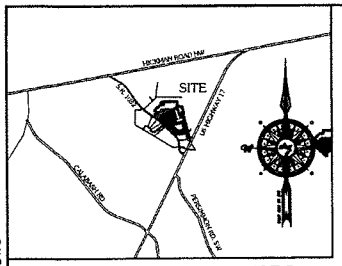
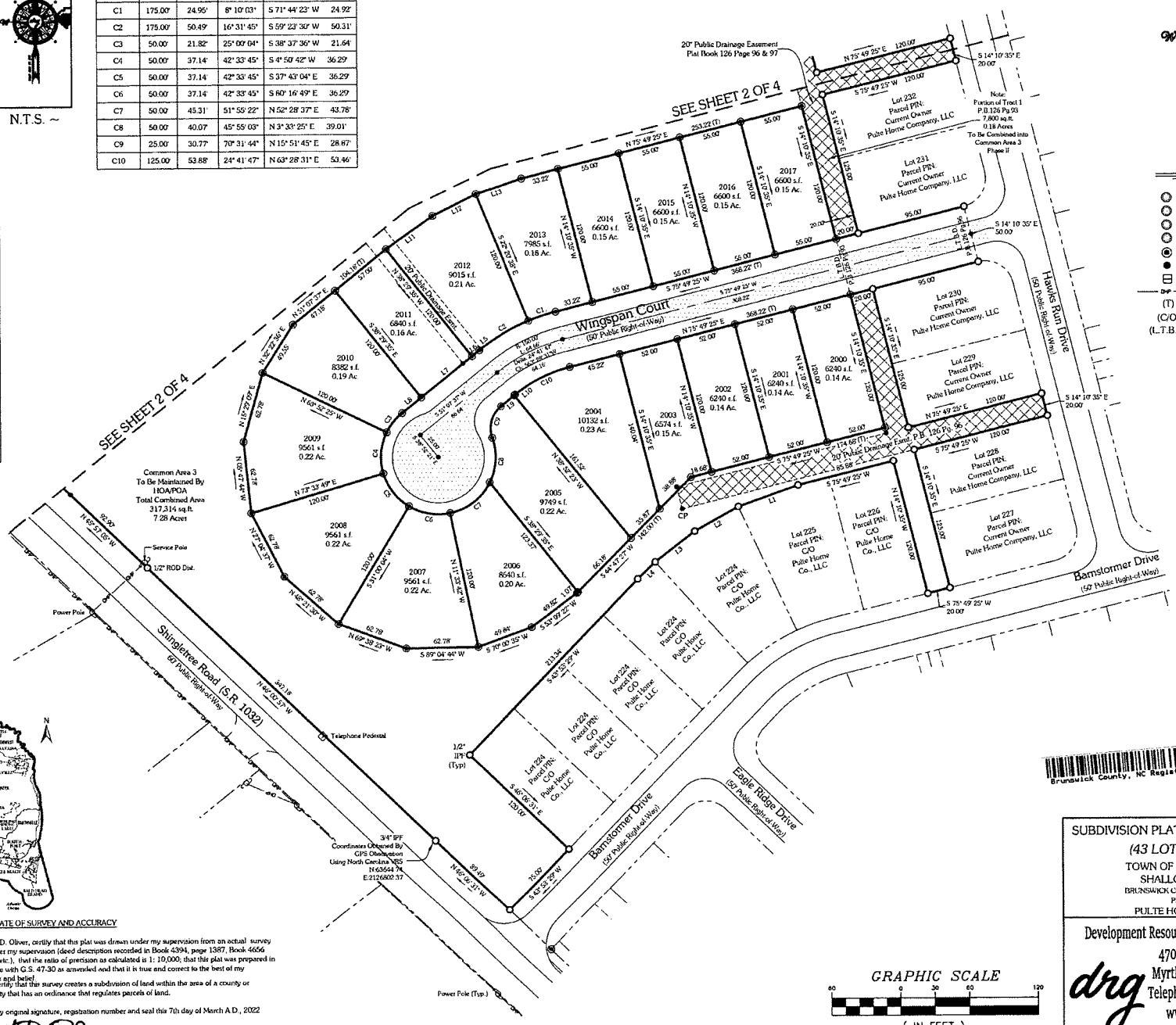


Lots 2000 Thru 2017

CURVE TABLE					
CURVE #	RADIUS	LENGTH	DELTA	CHORD	
C1	175.00'	24.95'	8° 10' 03"	S 71° 44' 23" W	24.92'
C2	175.00'	50.49'	16° 31' 45"	S 59° 23' 30" W	50.31'
C3	50.00'	21.82'	25° 00' 04"	S 38° 37' 36" W	21.64'
C4	50.00'	37.14'	42° 33' 45"	S 4° 50' 42" W	36.29'
C5	50.00'	37.14'	42° 33' 45"	S 37° 43' 04" E	36.29'
C6	50.00'	37.14'	42° 33' 45"	S 80° 16' 49" E	36.29'
C7	50.00'	45.31'	51° 55' 22"	N 52° 28' 37" E	43.78'
C8	50.00'	40.07'	45° 55' 03"	N 3° 33' 25" E	39.01'
C9	25.00'	30.77'	70° 31' 44"	N 15° 51' 45" E	28.87'
C10	125.00'	53.88'	24° 41' 47"	N 63° 28' 31" E	53.46'

Lots 2000 Thru 2017

LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	S70° 26' 19"W	55.37
L2	S60° 48' 01"W	43.76
L3	S52° 17' 36"W	43.76
L4	S45° 57' 56"W	21.35
L5	S51° 07' 37"W	8.18
L7	S51° 07' 37"W	57.00
L8	S51° 07' 37"W	21.46
L9	N51° 07' 37"E	15.07
L10	N51° 07' 37"E	0.86
L11	N54° 38' 53"E	49.88
L12	N63° 31' 26"E	42.51
L13	N71° 44' 23"E	42.02



LEGEND

- Iron Rebar Found (IRF)
- Iron Pipe Found (IPF)
- Crimp Top Pipe (CTP)
- Pipe (ROD)
- Iron Pipe Set (IPS)
- Calculated Point (CP)
- Monument
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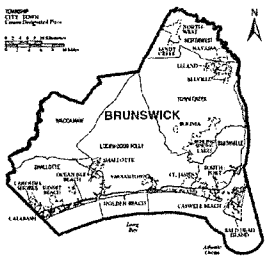
- (T) Total Distance
- (C/O) Current Owner
- (L.T.B.D.) Line To Be Deleted



CERTIFICATE OF SURVEY AND ACCURACY

I, Michael D. Oliver, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book 4394, page 1387, Book 4656 Page 665 etc.); that the ratio of precision as calculated is 1: 10,000; that this plat was prepared in accordance with G.S. 47-30 as amended and that it is true and correct to the best of my knowledge and belief.

I further certify that this survey creates a subdivision of land within the area of a county or municipality that has an ordinance that regulates parcels of land.

Witness my original signature, registration number and seal this 7th day of March A.D., 2022

NORTH CAROLINA PROFESSIONAL SEAL L-3917 LAND SURVEYOR MICHAEL D. OLIVER

Michael D. Oliver, PLS
Registration Number L-3917

GRAPHIC SCALE

60 0 30 60 120

(IN FEET)
1 inch = 60 ft.

B0138 P0021 06-14-2022 15:29:34.000
Brunswick County, NC Register of Deeds Brenda N. Clemmons PLAT page 2 of 5

SUBDIVISION PLAT OF EAGLE RUN-PHASE II
(43 LOT SUBDIVISION)
TOWN OF CAROLINA SHORES
SHALLOTTE TOWNSHIP
BRUNSWICK COUNTY · NORTH CAROLINA
PREPARED FOR
PULTE HOME COMPANY, LLC

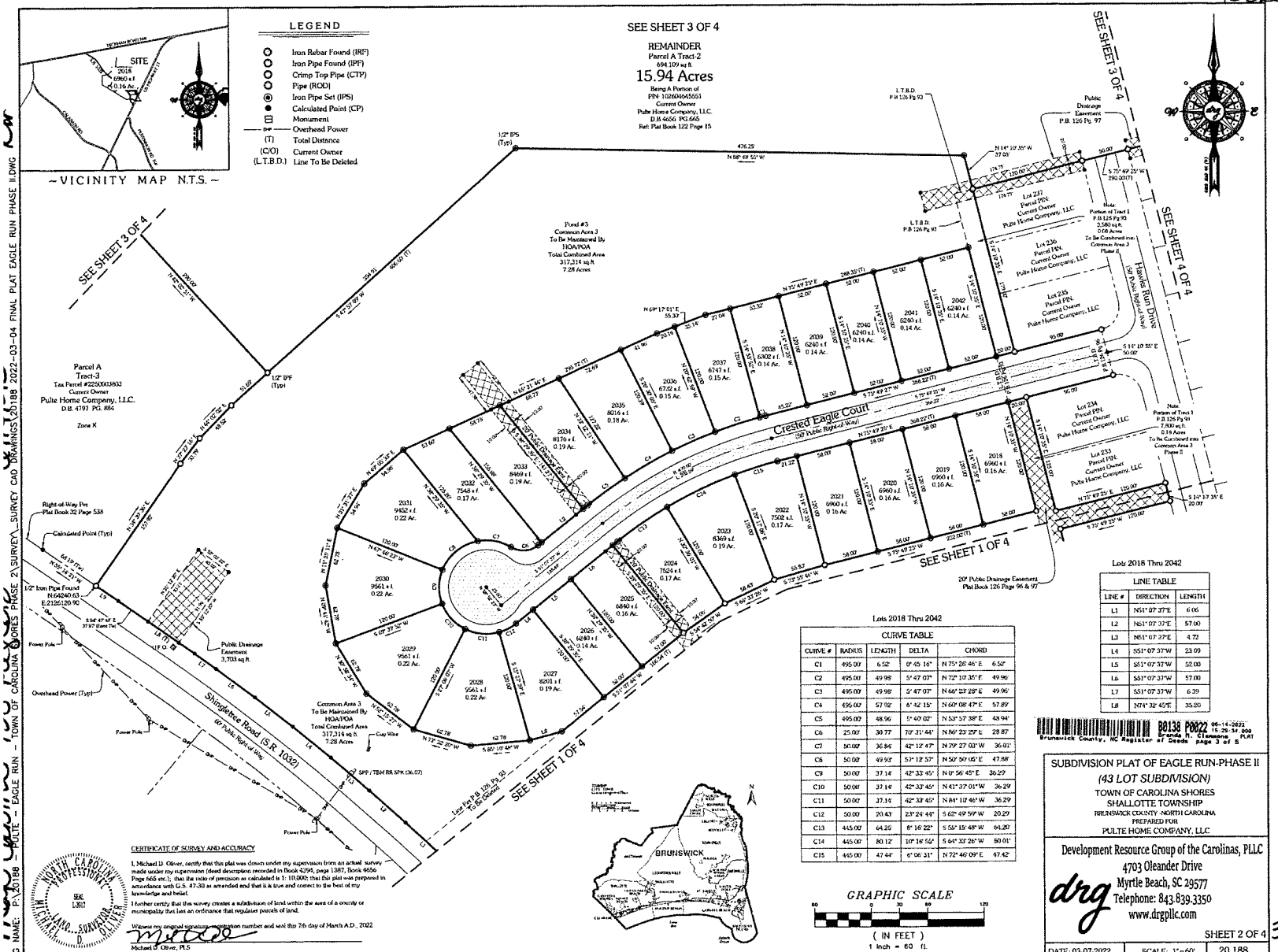
Development Resource Group of the Carolinas, PLLC
4703 Oleander Drive
Myrtle Beach, SC 29577
Telephone: 843.839.3350
www.drgpllc.com

SHEET 1 OF 4

DATE: 03-07-2022	SCALE: 1"=60'	20.188

DWG NAME: P:\20188 - PULTE - EAGLE RUN - TOWN OF CAROLINA SHORES PHASE 2\SURVEY_SURVEY CAD DRAWINGS\20188 2022-03-04 FINAL PLAT EAGLE RUN PHASE II.DWG

138129



Lots 2018 Thru 2042

CURVE TABLE				
CURVE #	RADIUS	LENGTH	DELTA	CHORD
C1	495.00'	6.52'	0° 45' 16"	N 75° 26' 46" E 6.52'
C2	495.00'	49.98'	5° 47' 07"	N 72° 10' 35" E 49.96'
C3	495.00'	49.98'	5° 47' 07"	N 66° 23' 28" E 49.96'
C4	495.00'	57.92'	6° 42' 15"	N 60° 08' 47" E 57.89'
C5	495.00'	48.96'	5° 40' 02"	N 53° 57' 38" E 48.94'
C6	25.00'	30.77'	70° 31' 44"	N 86° 23' 25" E 28.87'
C7	50.00'	36.84'	42° 12' 47"	N 79° 27' 03" W 36.01'
C8	50.00'	49.93'	57° 12' 57"	N 50° 50' 05" E 47.88'
C9	50.00'	37.14'	42° 33' 45"	N 0° 56' 45" E 36.29'
C10	50.00'	37.14'	42° 33' 45"	N 41° 37' 01" W 36.29'
C11	50.00'	37.14'	42° 33' 45"	N 84° 10' 46" W 36.29'
C12	50.00'	20.43'	23° 24' 44"	S 62° 49' 59" W 20.29'
C13	445.00'	64.25'	8° 16' 22"	S 55° 15' 48" W 64.20'
C14	445.00'	80.12'	10° 18' 56"	S 64° 33' 26" W 80.01'
C15	445.00'	47.44'	6° 06' 31"	N 72° 46' 09" E 47.42'

Lots 2018 Thru 2042

LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	N51° 07' 37"E	6.06'
L2	N51° 07' 37"E	57.00'
L3	N51° 07' 37"E	4.72'
L4	S51° 07' 37"W	23.09'
L5	S51° 07' 37"W	52.00'
L6	S51° 07' 37"W	57.00'
L7	S51° 07' 37"W	6.39'
L8	N74° 32' 45"E	35.20'

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Brenda H. Clemmons PLAT
Brunswick County, NC Register of Deeds Page 3 of 5

SUBDIVISION PLAT OF EAGLE RUN-PHASE II
(43 LOT SUBDIVISION)
TOWN OF CAROLINA SHORES
SHALLOTTE TOWNSHIP
BRUNSWICK COUNTY, NORTH CAROLINA
PREPARED FOR
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SHEET 2 OF 4

DATE: 03-07-2022	SCALE: 1"=60'	20.188

CERTIFICATE OF SURVEY AND ACCURACY

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I further certify that this survey creates a subdivision of land within the area of a county or municipality that has an ordinance that regulates parcels of land.

Witness my original signature, registration number and seal this 7th day of March A.D., 2022

Michael D. Oliver, PLS
Registration Number L-3917

NORTH CAROLINA PROFESSIONAL SEAL L-3917 LAND SURVEYOR MICHAEL D. OLIVER

DWG NAME: P:\2018\PULTE - EAGLE RUN - TOWN OF CAROLINA SHORES PHASE 2\SURVEY_SURVEY CAD DRAWINGS\20188 2022-03-04 FINAL PLAT EAGLE RUN PHASE II.DWG

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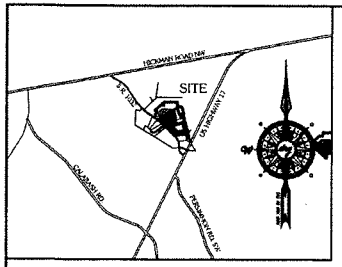
138 123



~VICINITY MAP N.T.S.~

LEGEND

- Iron Rebar Found (IRF)
- Iron Pipe Found (IPF)
- Crimp Top Pipe (CTP)
- Pipe (ROD)
- Iron Pipe Set (IPS)
- Calculated Point (CP)
- Monument
- OP — Overhead Power
- (T) Total Distance
- (C/O) Current Owner
- (L.T.B.D.) Line To Be Deleted

Parcel A
Tract-3
Tax Parcel #2250003803
Current Owner
Pulte Home Company, LLC.
D.B. 4797 PG. 884
Zone X

1/2" Iron Pipe Found
N:65202.55
E:2126669.41

S 88° 48' 55" E
827.44'

N 01° 11' 05" E
210.02'

S 88° 48' 55" E
207.12'

1/2 IPF

1/2 IPF

SEE SHEET 4 OF 4
MATCHLINE

REMAINDER
Parcel A Tract-2
694,109 sq.ft.
15.94 Acres
Being A Portion of
PIN: 102604645551
Current Owner
Pulte Home Company, LLC
D.B.4656 PG.665
Ref: Plat Book 122 Page 15

Iron Pipe Found
N:64682.22
E:2126109.11

N 47° 57' 09" E
469.82'

Parcel A
Tract-3
Tax Parcel #2250003803
Current Owner
Pulte Home Company, LLC.
D.B. 4797 PG. 884
Zone X

MATCHLINE
SEE SHEET 2 OF 4

290.00
N 42° 02' 51" W

S 47° 57' 09" E
354.59'

496.09' (T)

1/2" IPF
(Typ)

1/2" IPS
(Typ)

476.25'
N 88° 48' 55" W

Parcel A
Tract-3

SEE SHEET 2 OF 4

L.T.B.D.
P.B.126 Pg.93

N 14° 10' 35" W
37.03'

174.75

120.00'

L.T.B.D.
P.B.126 Pg.93

Public Drainage Easement
P.B.126 Pg.97

20.00'

50.00

S 75° 49' 25" W
290.00 (T)

Lot 237
Parcel PIN:
Current Owner
Pulte Home Company, LLC

Lot 236
Parcel PIN:
Current Owner
Pulte Home Company, LLC

Lot 235
Parcel PIN:
Current Owner
Pulte Home Company, LLC

Note:
Portion of Tract 1
P.B.126 Pg.93
3,590 sq.ft.
0.08 Acres
To Be Combined into
Common Area 3
Phase II

H1

SEE SHEET 4 OF 4
SEE SHEET 2 OF 4

52.07

S 34° 10' 35" E
120.00

2042
6240 s.f.
0.14 Ac.

N 34° 10' 35" W
120.00

52.07

20.00

95.07

B0138 P0023 06-14-2022 15:29:34.000
Brenda N. Clemons PLAT
Brunswick County, NC Register of Deeds page 4 of 5

GRAPHIC SCALE
60 0 30 60 120
(IN FEET)
1 inch = 60 ft.

CERTIFICATE OF SURVEY AND ACCURACY

I, Michael D. Oliver, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book 4394, page 1387, Book 4656 Page 665 etc.); that the ratio of precision as calculated is 1: 10,000; that this plat was prepared in accordance with G.S. 47-30 as amended and that it is true and correct to the best of my knowledge and belief.

I further certify that this survey creates a subdivision of land within the area of a county or municipality that has an ordinance that regulates parcels of land.

Witness my original signature, registration number and seal this 7th day of March A.D., 2022

NORTH CAROLINA PROFESSIONAL SEAL L3917 LAND SURVEYOR MICHAEL D. OLIVER

Michael D. Oliver, PLS
Registration Number L-3917

SUBDIVISION PLAT OF EAGLE RUN-PHASE II

(43 LOT SUBDIVISION)

TOWN OF CAROLINA SHORES
SHALLOTTE TOWNSHIP
BRUNSWICK COUNTY -NORTH CAROLINA
PREPARED FOR
PULTE HOME COMPANY, LLC

Development Resource Group of the Carolinas, PLLC
4703 Oleander Drive
Myrtle Beach, SC 29577
Telephone: 843.839.3350
www.drgpllc.com

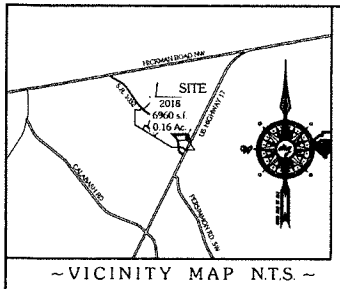
SHEET 3 OF 4

DATE: 03-07-2022	SCALE: 1"=60'	20.188

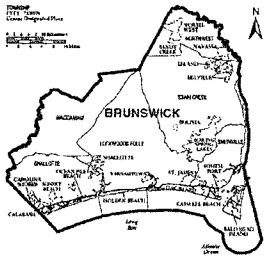
DWG NAME: P:\20188 - PULTE - EAGLE RUN - TOWN OF CAROLINA SHORES PHASE 2\SURVEY_SURVEY CAD DRAWINGS\20188 2022-03-04 FINAL PLAT EAGLE RUN PHASE II.DWG

406

138124



~VICINITY MAP N.T.S.~



SEE SHEET 3 OF 4 MATCHLINE

Parcel A
Tract-3
Tax Parcel #2250003803
Current Owner
Pulte Home Company, LLC.
D.B. 4797 PG. 884

Zone X

2" Iron Pipe Found
N:65469.46
E:2127788.86

1/2" Iron Pipe Found
N:65185.45
E:2127496.68

S 88° 48' 55" E
827.44'

573.75' (Tie)

N 00° 26' 16" E

S 00° 26' 16" W
253.92'

REMAINDER
Parcel A Tract-2
694,109 sq.ft.
15.94 Acres
Being A Portion of
PIN: 102604645551
Current Owner
Pulte Home Company, LLC.
D.B.4656 PG 665
Ref: Plat Book 122 Page 15

R: 465.00'
L: 17.08'
Delta: 2° 06' 17"
Ch: S0° 39' 52"E
17.08'

N 88° 20' 00" E
120.00'

R: 344.70'
L: 12.93'
Delta: 2° 08' 59"
Ch: S2° 44' 26"E
12.93'

S 89° 33' 44" E
169.05'

S 00° 26' 16" W
1.98'

2" Iron Pipe Found
N:64893.76
E:2127784.46

ID: 2250003604
PIN: 102602752692
Current Owner
Crow Creek Golf
Group, LLC
D.B. 4314 PG. 792
P.B. 115 PG. 74

1/2" Iron Pipe Found
N:64824.41
E:2127504.59

S 70° 50' 13" W
189.98'

N 15° 46' 35" W
75.03'

S 14° 10' 35" E
33.22'

CP

20.00'

S 75° 49' 25" W
120.00'

Public
Drainage
Easement P.B.126 Pg 97

Lot 238
Parcel PIN:
Current Owner
Pulte Home Company, LLC

Lot 239
Eagle Run Phase I

Lot 240
Eagle Run Phase I

SEE SHEET 3 OF 4

Public
Drainage
Easement
P.B.126 Pg 97

CP

Pond 2A/Common Area
Eagle Run-Phase I

N 74° 13' 25" W
20.00'

274.03'

N 15° 46' 35" W
127.00'

N 74° 13' 25" W
65.39'

REMAINDER
Parcel A Tract-2

S 11° 57' 59" E
305.96'

1" CTP

S 14° 10' 35" E
27.57'

1/2" IPF
N.64493.56
E.2127908.66

1/2"
IPF
(Typ)

50.01'

120.22'
S 75° 49' 25" W

120.02'
S 75° 49' 25" W
170.03' (T)

R: 1825.00'
L: 5.24'
Delta: 0° 09' 52"
Ch: N15° 08' 31"W
5.24'

Lot 122
Parcel PIN:
Current Owner
Pulte Home Company, LLC

Lot 123
Parcel PIN:
Current Owner
Pulte Home Company, LLC

Lot 124
Eagle Run Phase I

Lot 121
Eagle Run Phase I

Eagle Claw Dr.
(60' Public R/W)

Eagle Run-Phase I
Subdivision

LEGEND

- Iron Rebar Found (IRF)
- Iron Pipe Found (IPF)
- Crimp Top Pipe (CTP)
- Pipe (ROD)
- Iron Pipe Set (IPS)
- Calculated Point (CP)
- Monument
- OHP — Overhead Power
- (T) Total Distance
- (C/O) Current Owner
- (L.T.B.D.) Line To Be Deleted

B0138 P0024 06-14-2022 15:29:34.000
Brunswick County, NC Register of Deeds Brenda M. Clemmons PLAT page 5 of 5

GRAPHIC SCALE

60 0 30 60 120

(IN FEET)
1 inch = 60 ft.

CERTIFICATE OF SURVEY AND ACCUHACY

I, Michael D. Oliver, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book 4394, page 1387, Book 4656 Page 665 etc.); that the ratio of precision as calculated is 1: 10,000; that this plat was prepared in accordance with G.S. 47-30 as amended and that it is true and correct to the best of my knowledge and belief.

I further certify that this survey creates a subdivision of land within the area of a county or municipality that has an ordinance that regulates parcels of land.

Witness my original signature, registration number and seal this 7th day of March A.D., 2022

NORTH CAROLINA PROFESSIONAL SEAL L-3917 MICHAEL D. OLIVER SURVEYOR

Michael D. Oliver, PLS
Registration Number L-3917

SUBDIVISION PLAT OF EAGLE RUN-PHASE II
(43 LOT SUBDIVISION)
TOWN OF CAROLINA SHORES
SHALLOTTE TOWNSHIP
BRUNSWICK COUNTY -NORTH CAROLINA
PREPARED FOR
PULTE HOME COMPANY, LLC

Development Resource Group of the Carolinas, PLLC
4703 Oleander Drive
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Telephone: 843.839.3350
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SHEET 4 OF 4

DATE: 03-07-2022	SCALE: 1"=60'	20.188

DWG NAME: P:\20188 - PULTE - EAGLE RUN - TOWN OF CAROLINA SHORES PHASE 2\SURVEY_SURVEY CAD DRAWINGS\20188 2022-03-04 FINAL PLAT EAGLE RUN PHASE II.DWG

508

STATE OF NORTH CAROLINA

COUNTY OF BRUNSWICK AFFIDAVIT

PULTE HOME COMPANY, LLC, a Michigan limited liability company, with an office and place of business in Wake County, Mecklenburg County, and multiple other counties in North Carolina, hereinafter referred to as Affiant, being first duly sworn, hereby deposes and says under oath as follows:

1. That it is the owner of certain property located in the Town of Carolina Shores, Shallotte Township, Brunswick County, North Carolina, known as Eagle Run Phase II, Remainder Parcel A, Tract 1 (18 Lots), containing lots numbered 2000-2017; Portion of Parcel A Tract -2 (25 Lots), containing lots numbered 2018-2042 inclusive for a total (43 Lot Subdivision) as more particularly described in a Deed of Dedication in favor of Brunswick County of even date herewith.

2. That it has caused to be installed water distribution lines [and/or sewer lines] under and along the road rights-of-way property hereinafter described and referenced:

> **Wingspan Court** (50' Public Right-of-Way) and **Crested Eagle Court** (50' Public Right-of-Way); as shown on a map entitled "SUBDIVISION PLAT OF EAGLE RUN PHASE II, REMAINDER PARCEL A, TRACT-1 (18 LOTS); PORTION OF PARCEL A TRACT -2 (25 LOTS) (43 LOT SUBDIVISION) TOWN OF CAROLINA SHORES, SHALLOTTE TOWNSHIP, Brunswick County, North Carolina prepared for PULTE HOME COMPANY, LLC" recorded in Map Cabinet 138, Pages 20-24, Brunswick County, Register of Deeds.
>
> All the work which has been performed in the construction and installation of said water distribution lines [and/or sewer lines] described in paragraph 2, above, has been fully paid for and there are now no liens of any kind including any lien for labor or material against the subdivision property which would in any way jeopardizes title of Affiant to the property in said subdivision nor are there any legal actions pending against Affiant or any contractor arising out

of any work performed in said subdivision or the water lines [and/or sewer lines] installed therein which would in any way jeopardize title to the subdivision or the water distribution lines [and/or sewer lines] located therein.

IN WITNESS WHEREOF, the Affiant has caused this instrument to be duly executed by its authorized officer(s), this 20th day of July, 2022.

PULTE HOME COMPANY, LLC, a
Michigan limited liability company

By: _____
Name: Eric Korsten
Title: VP of Operations

STATE OF SOUTH CAROLINA §
COUNTY OF CHARLESTON §

Signed and sworn to (or affirmed) before me this day by Eric Korsten.
(Name of Principal)

Date: July 20, 2022

_____
Signature of Notary Public

(NOTARY SEAL)

Printed or Typed Name of Notary Public:

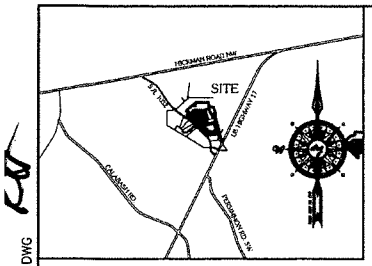
Earl R. Bailey

My Commission Expires: 2/21/27

SUBDIVISION PLAT OF EAGLE RUN-PHASE II

REMAINDER PARCEL A TRACT-1 (18 LOTS)
PORTION OF PARCEL A TRACT-2 (25 LOTS)
EAGLE RUN-PHASE II (43 LOT SUBDIVISION)

TOWN OF CAROLINA SHORES
SHALLOTTE TOWNSHIP
BRUNSWICK COUNTY -NORTH CAROLINA
PREPARED FOR
PULTE HOME COMPANY, LLC



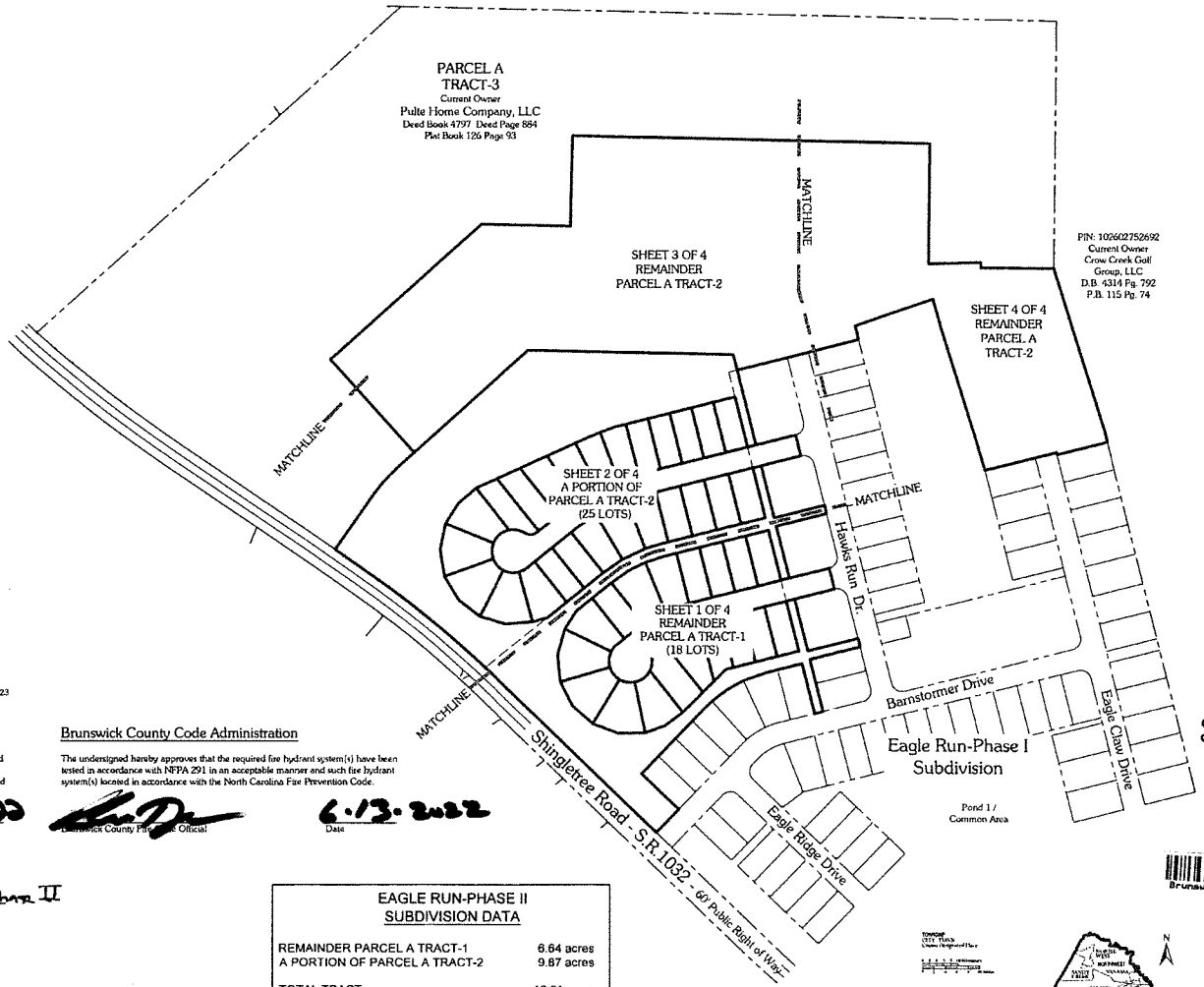
~VICINITY MAP N.T.S.~

NOTES:

1. PARCEL ID: 22500038
   PARCEL PIN: 102604740359
   Total Original Acreage of Tract-1 (42.26 Ac.)
   Deed Book 4394 Deed Page 1387
   Ref: P/O Plat Book 122 Plat Page 15
   PARCEL ID: 2250003802
   PARCEL PIN: 102604645551
   Total Original Acreage of Tract-2 (25.81 Ac.)
   Deed Book 4656 Deed Page 665
   Ref: P/O Plat Book 122 Plat Page 15
   The zoning of Tracts 1 & 2 AD.
   Owner of Record :
   Pulte Home Company, LLC
   4401 Leeds Avenue, Suite 400
   North Charleston, South Carolina 29405
2. This property is based on Brunswick County Flood Insurance Map 3720102600 K, Revised August 28th, 2018, Panel 1026 Community Town of Carolina Shores , CID 3705171, located in Zone (X) as scaled from F.I.R.M. This plat is not the basis for flood zone determination or flood zone related issues.
3. Declaration is made to original purchaser of the survey. It is not transferable to additional institutions or subsequent owners. This survey is only valid if print of same has original signature and embossed seal of the surveyor.
4. Surveyor has made no investigation or independent search for easements of record, encumbrances, restrictive covenants, ownership title evidence, or any other facts that an accurate and current title search may disclose.
5. Subsurface and environmental conditions were not examined or considered as a part of this survey. No statement is made concerning the existence of underground or overhead containers or facilities that may affect the use or development of this tract.
6. This property is subject to all easements or restrictions of record.
7. Last property transfer Deed Book 4394, Page 1387.
8. 1/2" Iron Pipes Set at all corners unless noted otherwise.
9. All Bearings are based upon the North Carolina State Plane Coordinate System (NAD83)(2001). All distances shown are Horizontal not grid distances.
10. Area calculations are by the coordinate method.
11. This Property Subject to Development Agreement Filed In D.B. 4326 Pg. 404
12. Date of Field Survey: October, 2019

REFERENCE:

1. Plat of "The Lands Claimed in Deed Book 457 Page 496, etc.", for Jerry McLamb Construction Company, dated June 21st, 2005 by Norse & Ward Land Surveyors recorded in Map Cabinet 32 Page 538 at the Brunswick County Register of Deeds.
2. Plat of "A Part of The Lands Claimed in Deed Book 547 Page 541", for Earl Wayne & Paula Smith, dated June 24th, 2006 by Norris & Ward Land Surveyors recorded in Map Cabinet 54 Page 5 at the Brunswick County Register of Deeds.
3. Plat of "Family Division, for Bobbie B. White and Dorothy B. Stem", dated June 17th, 2009 by Bobbie M. Long & Associates recorded in Map Cabinet 68 Page 31 at the Brunswick County Register of Deeds.
4. Subdivision / Combination Plat of Combined Area 94.57 Acres - Subdivided Area of 6.23 Acres, dated February 17th, 2020 by Development Resource Group of The Carolinas recorded in Map Cabinet 119 Page 82 at the Brunswick County Register of Deeds.



LEGEND

- Iron Rebar Found (IRF)
- Iron Pipe Found (IPF)
- Crimp Top Pipe (CTP)
- Pipe (ROD)
- Iron Pipe Set (IPS)
- Calculated Point (CP)
- Monument
- OHP — Overhead Power
- (T) Total Distance
- (C/O) Current Owner
- (L.T.B.D.) Line To Be Deleted

GRAPHIC SCALE

200 0 100 200 400
(IN FEET)
1 inch = 200 ft.

Town of Carolina Shores

I hereby certify that the subdivision plat shown hereon has been found to comply with the subdivision regulations of the Town of Carolina Shores, North Carolina and that this plat has been approved by the Board of Commissioners for recording in the Office of the Register of Deeds of Brunswick County

5-11-22
Date
Mayor
Town of Carolina Shores

State of North Carolina

I, [signature], Review Officer of Brunswick County, certify that the map or plat which this certification is affixed meets all statutory requirements for recording.

[signature] 6/14/22
Review Officer Date

Flood Damage Prevention Certificate of Approval for Recording

I certify that the plat shown hereon complies with the Town of Carolina Shores Flood Damage Prevention requirements and is approved by Carolina Shores for recording in the Register of Deeds Office.

Sandy Wood 05/16/2022
Administrator Date

Certificate of Ownership and Dedication

I [illegible] hereby (we are) the owner(s) of the property shown and described hereon, and that I (we) hereby adopt this plan of subdivision with my (our) free consent, and dedicate all roads and other sites and easements to public use as noted in the Dedication to Private Roadways, where applicable.

[signature] 5-10-22
Owner(s) / Authorized Representative Date

Brunswick County Code Administration

The undersigned hereby approves that the required fire hydrant system(s) have been tested in accordance with NFPA 291 in an acceptable manner and such fire hydrant system(s) located in accordance with the North Carolina Fire Prevention Code.

[signature] 6.13.2022
Brunswick County Fire Code Official Date

Certificate of Approval for Recording Final Plat

I, Sandy Wood, UDO Administrator, certify that the Town of Carolina Shores fully approved the final plat of the Subdivision entitled Eagle Run Phase II

Sandy Wood 05/16/2022
Administrator Date

CERTIFICATE OF SURVEY AND ACCURACY

I, Michael D. Oliver, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book 4394, page 1387, Book 4656 Page 665 etc.); that the ratio of precision as calculated is 1: 10,000; that this plat was prepared in accordance with G.S. 47-30 as amended and that it is true and correct to the best of my knowledge and belief.
I further certify that this survey creates a subdivision of land within the area of a county or municipality that has an ordinance that regulates parcels of land.

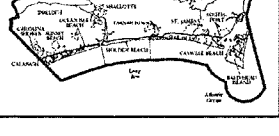
Witness my original signature, registration number and seal this 7th day of March A.D., 2022

[signature]
Michael D. Oliver, PLS
Registration Number L-3917

NORTH CAROLINA PROFESSIONAL SEAL L-3917 LAND SURVEYOR M. D. OLIVER

EAGLE RUN-PHASE II
SUBDIVISION DATA

REMAINDER PARCEL A TRACT-1	6.64 acres
A PORTION OF PARCEL A TRACT-2	9.87 acres
TOTAL TRACT	16.51 acres
TOTAL RIGHT OF WAY	1.66 acres
TOTAL COMMON AREA	7.28 acres
TOTAL PRIVATE LOTS	7.55 acres
LINEAR FEET OF PUBLIC STREETS	1,278 lf
TOTAL # OF LOTS	43
SMALLEST LOT (MULTIPLE)	6,240 sqft
LARGEST LOT (#2004)	10,132 sqft



Brunswick County, NC Register of Deeds B0138 P0020 06-14-2022 15:29:34.000 Brenda M. Clemmons PLAT page 1 of 5

Development Resource Group of the Carolinas, PLLC
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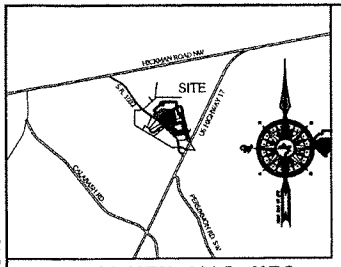
COVER

DATE: 03-07-2022	SCALE: 1"=200'	20.188

DWG NAME: P:\20188 - PULTE - EAGLE RUN - TOWN OF CAROLINA SHORES PHASE 2\SURVEY_SURVEY CAD DRAWINGS\20188 2022-03-04 FINAL PLAT EAGLE RUN PHASE II.DWG

138121



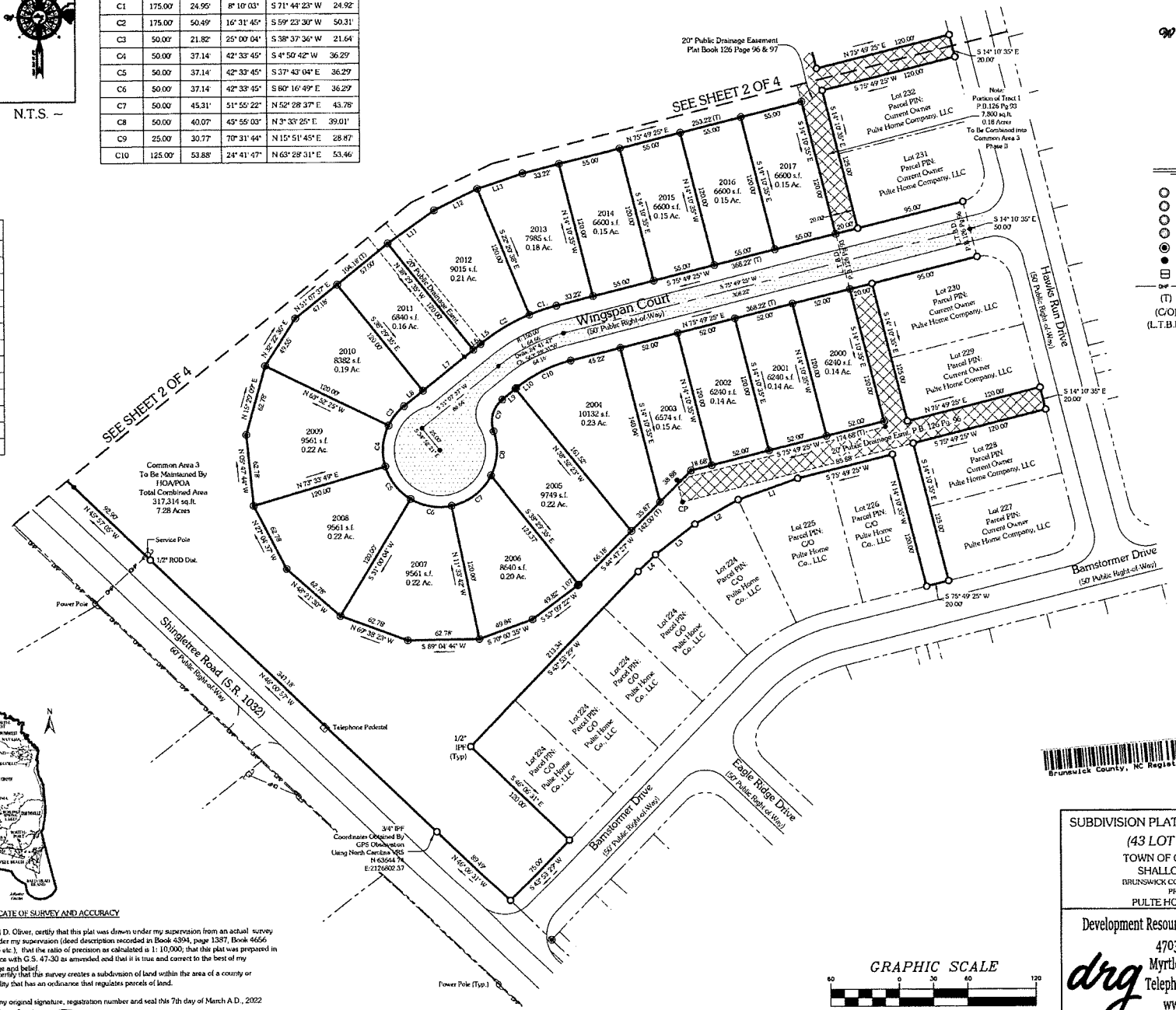
~VICINITY MAP N.T.S.~

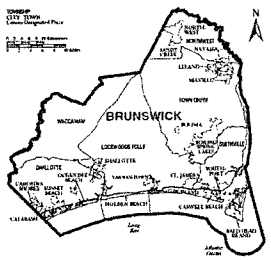
Lots 2000 Thru 2017

CURVE TABLE					
CURVE #	RADIUS	LENGTH	DELTA	CHORD	
C1	175.00'	24.95'	8° 10' 03"	S 71° 44' 23" W	24.92'
C2	175.00'	50.49'	16° 31' 45"	S 59° 23' 30" W	50.31'
C3	50.00'	21.82'	25° 00' 04"	S 38° 37' 36" W	21.64'
C4	50.00'	37.14'	42° 33' 45"	S 4° 50' 42" W	36.25'
C5	50.00'	37.14'	42° 33' 45"	S 37° 43' 04" E	36.29'
C6	50.00'	37.14'	42° 33' 45"	S 80° 16' 49" E	36.29'
C7	50.00'	45.31'	51° 55' 22"	N 52° 28' 37" E	43.78'
C8	50.00'	40.07'	45° 55' 03"	N 3° 33' 25" E	39.01'
C9	25.00'	30.77'	70° 31' 44"	N 15° 51' 45" E	28.87'
C10	125.00'	53.88'	24° 41' 47"	N 63° 28' 31" E	53.46'

Lots 2000 Thru 2017

LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	S70° 26' 19"W	55.37
L2	S60° 48' 01"W	43.76
L3	S52° 17' 36"W	43.76
L4	S45° 57' 56"W	21.35
L5	S51° 07' 37"W	8.18
L7	S51° 07' 37"W	57.00
L8	S51° 07' 37"W	21.46
L9	N51° 07' 37"E	15.07
L10	N51° 07' 37"E	0.86
L11	N54° 38' 53"E	49.88
L12	N63° 31' 26"E	42.51
L13	N71° 44' 23"E	42.02





LEGEND

- Iron Rebar Found (IRF)
- Iron Pipe Found (IPF)
- Crimp Top Pipe (CTP)
- Pipe (ROD)
- Iron Pipe Set (IPS)
- Calculated Point (CP)
- Monument
- Overhead Power
- (T) Total Distance
- (C/O) Current Owner
- (L.T.B.D.) Line To Be Deleted

GRAPHIC SCALE

60 0 30 60 120

(IN FEET)

1 inch = 60 ft.

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Witness my original signature, registration number and seal this 7th day of March A.D., 2022

NORTH CAROLINA PROFESSIONAL SEAL L-3917 SURVEYOR MICHAEL D. OLIVER

Michael D. Oliver, PLS
Registration Number L-3917

B0138 P0021 06-14-2022 15:29:34 000
Brunswick County, NC Register of Deeds Brenda M. Clemmons PLAT
page 2 of 5

SUBDIVISION PLAT OF EAGLE RUN-PHASE II

(43 LOT SUBDIVISION)

TOWN OF CAROLINA SHORES
SHALLOTTE TOWNSHIP
BRUNSWICK COUNTY -NORTH CAROLINA
PREPARED FOR
PULTE HOME COMPANY, LLC

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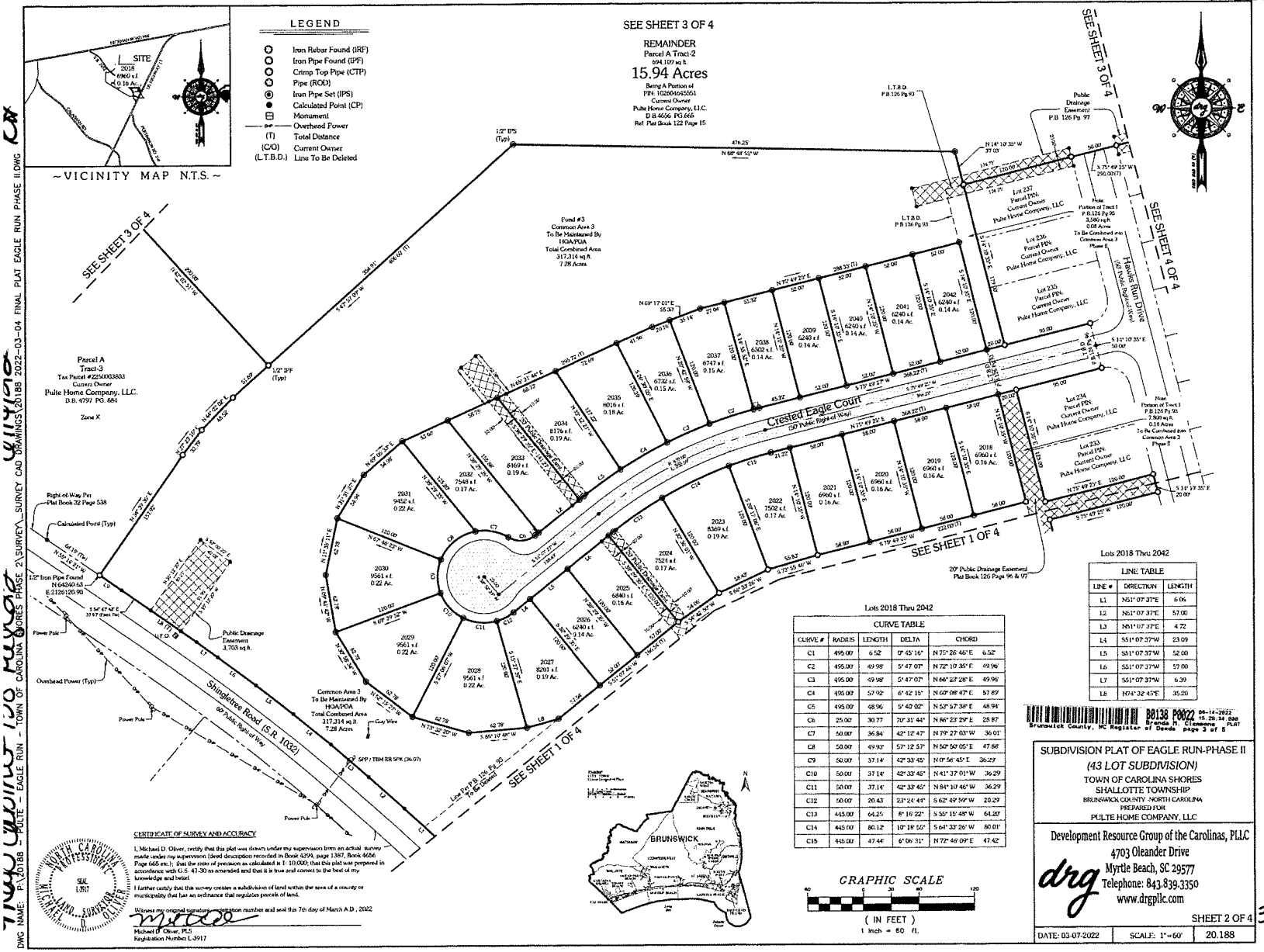
SHEET 1 OF 4

DATE: 03-07-2022	SCALE: 1"=60'	20.188

DWG NAME: P:\20188 - PULTE - EAGLE RUN - TOWN OF CAROLINA SHORES PHASE 2\SURVEY_SURVEY CAD DRAWINGS\20188 2022-03-04 FINAL PLAT EAGLE RUN PHASE II.DWG

38122



Lots 2018 Thru 2042

CURVE TABLE				
CURVE #	RADIUS	LENGTH	DELTA	CHORD
C1	495.00	6.52	0° 45' 16"	N 75° 26' 46" E 6.52'
C2	495.00	49.98'	5° 47' 07"	N 72° 10' 35" E 49.96'
C3	495.00	49.98'	5° 47' 07"	N 66° 23' 28" E 49.96'
C4	495.00	57.92'	6° 42' 15"	N 60° 08' 47" E 57.89'
C5	495.00	48.96'	5° 40' 02"	N 55° 57' 38" E 48.94'
C6	25.00	30.77'	70° 31' 44"	N 86° 23' 29" E 28.87'
C7	50.00'	36.84'	42° 12' 47"	N 79° 27' 03" W 36.01'
C8	50.00'	49.93'	57° 12' 57"	N 52° 50' 05" E 47.86'
C9	50.00'	37.14'	42° 33' 45"	N 0° 56' 45" E 36.29'
C10	50.00'	37.14'	42° 33' 45"	N 41° 37' 01" W 36.29'
C11	50.00'	37.14'	42° 33' 45"	N 84° 10' 46" W 36.29'
C12	50.00'	20.43'	23° 24' 44"	S 62° 49' 59" W 20.29'
C13	445.00	64.25'	8° 16' 22"	S 56° 15' 48" W 64.20'
C14	445.00	80.12'	10° 18' 55"	S 64° 33' 26" W 80.01'
C15	445.00	47.44'	6° 06' 31"	N 72° 46' 09" E 47.42'

Lots 2018 Thru 2042

LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	N51° 07' 37"E	6.06
L2	N51° 07' 37"E	57.00
L3	N51° 07' 37"E	4.72
L4	S51° 07' 37"W	23.09
L5	S51° 07' 37"W	52.00
L6	S51° 07' 37"W	57.00
L7	S51° 07' 37"W	6.39
L8	N74° 32' 45"E	35.20

CERTIFICATE OF SURVEY AND ACCURACY

I, Michael D. Oliver, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book 4399, page 1387, Book 4656 Page 665 etc.); that the ratio of precision as calculated is 1: 10,000; that this plat was prepared in accordance with G.S. 47-30 as amended and that it is true and correct to the best of my knowledge and belief.

I further certify that this survey creates a subdivision of land within the area of a county or municipality that has an ordinance that regulates parcels of land.

Witness my original signature, registration number and seal this 7th day of March A.D., 2022

Michael D. Oliver, PLS
Registration Number L-3917

NORTH CAROLINA PROFESSIONAL SEAL L-3917 LAND SURVEYOR MICHAEL D. OLIVER

08138 P0022 03-11-2022 15:29:34.000
Brenda H. Clemmons PLAT
Brunswick County, NC Register of Deeds Page 3 of 5

SUBDIVISION PLAT OF EAGLE RUN-PHASE II
(43 LOT SUBDIVISION)
TOWN OF CAROLINA SHORES
SHALLOTTE TOWNSHIP
BRUNSWICK COUNTY, NORTH CAROLINA
PREPARED FOR
PULTE HOME COMPANY, LLC

Development Resource Group of the Carolinas, PLLC
4703 Oleander Drive
Myrtle Beach, SC 29577
Telephone: 843.839.3350
www.drgplic.com

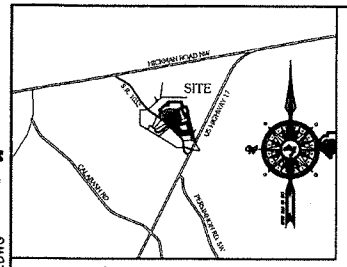
SHEET 2 OF 4

DATE: 03-07-2022	SCALE: 1"=60'	20.188

DWG NAME: P:\20188 - PULTE - EAGLE RUN - TOWN OF CAROLINA SHORES PHASE 2\SURVEY_SURVEY CAD DRAWINGS\20188 2022-03-04 FINAL PLAT EAGLE RUN PHASE II.DWG

365

138 123



~VICINITY MAP N.T.S.~

LEGEND

- Iron Rebar Found (IRF)
- Iron Pipe Found (IPF)
- Crimp Top Pipe (CTP)
- Pipe (ROD)
- Iron Pipe Set (IPS)
- Calculated Point (CP)
- Monument
- OHP — Overhead Power
- (T) Total Distance
- (C/O) Current Owner
- (L.T.B.D.) Line To Be Deleted

Parcel A
Tract-3
Tax Parcel #2250003803
Current Owner
Pulte Home Company, LLC.
D.B. 4797 PG. 884
Zone X

1/2" Iron Pipe Found
N:65202.55
E:2126669.41

S 88° 48' 55" E
827.44'

Parcel A
Tract-3
Tax Parcel #2250003803
Current Owner
Pulte Home Company, LLC.
D.B. 4797 PG. 884
Zone X

N 01° 11' 05" W
330.20'

1/2 IPF

S 88° 48' 55" E
207.12'

1/2 IPF

REMAINDER
Parcel A Tract-2
694,109 sq.ft.
15.94 Acres
Being A Portion of
PIN: 102604645551
Current Owner
Pulte Home Company, LLC
D.B.4656 PG.665
Ref: Plat Book 122 Page 15

SEE SHEET 4 OF 4
MATCHLINE

N 47° 57' 09" E
469.92'

Iron Pipe Found
N:64682.22
E:2126109.11

Parcel A
Tract-3
Tax Parcel #2250003803
Current Owner
Pulte Home Company, LLC.
D.B. 4797 PG. 884
Zone X

MATCHLINE
SEE SHEET 2 OF 4

Parcel A
Tract-3

N 42° 02' 03" W
250.00'

S 47° 57' 09" W
356.91'

406.60' (T)

1/2" IPF
(Typ)

1/2" IPS
(Typ)

476.25'
N 88° 48' 55" W

SEE SHEET 2 OF 4

L.T.B.D.
P.B.126 Pg 93

Public
Drainage
Easement
P.B.126 Pg.97

N 14° 10' 35" W
37.03'

50.00'

S 75° 49' 25" W
290.00' (T)

SEE SHEET 4 OF 4
SEE SHEET 2 OF 4

174.79'
120.00'
174.79'

Lot 237
Parcel PIN:
Current Owner
Pulte Home Company, LLC

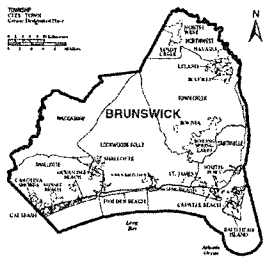
Lot 236
Parcel PIN:
Current Owner
Pulte Home Company, LLC

Lot 235
Parcel PIN
Current Owner
Pulte Home Company, LLC

Note:
Portion of Tract 1
P.B.126 Pg.93
3,580 sq.ft.
0.08 Acres
To Be Combined into
Common Area 3
Phase II

L.T.B.D.
P.B.126 Pg 93

52.00'
120.00'
S 14° 10' 35" E
120.00'
S 75° 49' 25" W
120.00'
2042
6240 ± f.
0.14 Ac.
95.00'
20.00'
52.00'



B0138 P0023 06-14-2022 15:29:34.000
Brunswick County, NC Register of Deeds page 4 of 5 PLAT

GRAPHIC SCALE
60 0 30 60 120
(IN FEET)
1 inch = 60 ft.

CERTIFICATE OF SURVEY AND ACCURACY

I, Michael D. Oliver, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book 4394, page 1387, Book 4656 Page 665 etc.); that the ratio of precision as calculated is 1: 10,000; that this plat was prepared in accordance with G.S. 47-30 as amended and that it is true and correct to the best of my knowledge and belief.

I further certify that this survey creates a subdivision of land within the area of a county or municipality that has an ordinance that regulates parcels of land.

Witness my original signature, registration number and seal this 7th day of March A.D., 2022

NORTH CAROLINA PROFESSIONAL SEAL L-3917 MICHAEL D. OLIVER SURVEYOR

Michael D. Oliver, PLS
Registration Number L-3917

SUBDIVISION PLAT OF EAGLE RUN-PHASE II
(43 LOT SUBDIVISION)
TOWN OF CAROLINA SHORES
SHALLOTTE TOWNSHIP
BRUNSWICK COUNTY -NORTH CAROLINA
PREPARED FOR
PULTE HOME COMPANY, LLC

Development Resource Group of the Carolinas, PLLC
4703 Oleander Drive
Myrtle Beach, SC 29577
Telephone: 843.839.3350
www.drgpllc.com

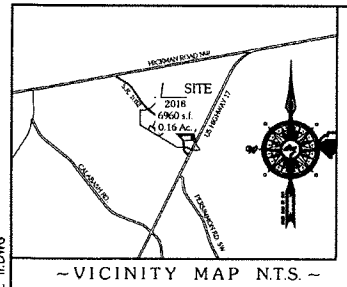
SHEET 3 OF 4

DATE: 03-07-2022	SCALE: 1"=60'	20.188

406

DWG NAME: P:\20188 - PULTE - EAGLE RUN - TOWN OF CAROLINA SHORES PHASE 2\SURVEY_SURVEY CAD DRAWINGS\20188 2022-03-04 FINAL PLAT EAGLE RUN PHASE II.DWG

138124



SEE SHEET 3 OF 4
MATCHLINE

Parcel A
Tract-3
Tax Parcel #2250003803
Current Owner
Pulte Home Company, LLC.
D.B. 4797 PG. 884

Zone X

2" Iron Pipe Found
N:65469.46
E:2127788.86

S 88° 48' 52" E
827.44'

1/2" Iron Pipe Found
N:65185.45
E:2127496.68

573.75' (Tie)

N 00° 26' 16" E

REMAINDER
Parcel A Tract-2
694,109 sq.ft.
15.94 Acres
Being A Portion of
PIN: 102604645051
Current Owner
Pulte Home Company, LLC.
D.B.4656 PG.665
Ref: Plat Book 122 Page 15

251.98'
S 00° 26' 16" W

R: 465.00'
L: 17.08'
Delta: 2° 06' 17"
Ch: S0° 35' 52"E
17.08'

N 88° 20' 00" E
120.00'

R: 344.70'
L: 12.92'
Delta: 2° 08' 59"
Ch: S2° 44' 26"E
12.93'

S 89° 33' 44" E
169.05

S 00° 26' 16" W
1.98'

ID: 2250003604
PIN: 102602752692
Current Owner
Crow Creek Golf
Group, LLC
D.B. 4314 PG. 792
P.B. 115 PG.74

2" Iron Pipe Found
N:64893.76
E:2127784.46

1/2" Iron Pipe Found
N:64824.41
E:2127504.59

189.95'
S 75° 56' 13" W

N 15° 48' 59" W
72.69'

S 14° 10' 35" E
33.22'

CP

20.00'

S 75° 49' 25" W
120.00'

Public
Drainage
Easement P.B.126 Pg.97

Lot 238
Parcel PIN:
Current Owner
Pulte Home Company, LLC

Lot 239
Eagle Run Phase I

Lot 240
Eagle Run Phase I

SEE SHEET 3 OF 4

Public
Drainage
Easement
P.B.126 Pg.97

CP

Pond 2A/Common Area
Eagle Run-Phase I

N 15° 48' 59" W
137.93'

N 17° 27' 25" W
38.00'

N 17° 27' 25" W
214.71'

N 17° 27' 25" W
127.09'

N 17° 27' 25" W
65.39'

REMAINDER
Parcel A Tract-2

S 17° 27' 25" E
351.50'

1" CTP

S 14° 10' 35" E
27.57'

1/2" IPF
N:64493.56
E:2127908.66

120.22'
S 75° 49' 25" W

1/2"
IPF
(Typ)

50.01'

120.02'
S 75° 49' 25" W
170.05' (T)

R: 1825.00'
L: 5.24'
Delta: 0° 09' 52"
Ch: N15° 08' 31"W
5.24'

Lot 122
Parcel PIN:
Current Owner
Pulte Home Company, LLC

Lot 123
Parcel PIN:
Current Owner
Pulte Home Company, LLC

Lot 124
Eagle Run Phase I

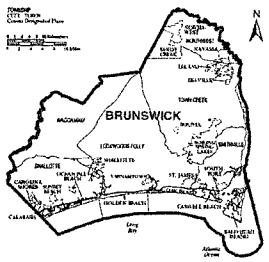
Lot 121
Eagle Run Phase I

Eagle Claw Dr.
(50' Public R/W)

Eagle Run-Phase I
Subdivision

LEGEND

- Iron Rebar Found (IRF)
- Iron Pipe Found (IPF)
- Crimp Top Pipe (CTP)
- Pipe (ROD)
- Iron Pipe Set (IPS)
- Calculated Point (CP)
- Monument
- OHP — Overhead Power
- (T) Total Distance
- (C/O) Current Owner
- (L.T.B.D.) Line To Be Deleted



B0138 P0024 06-14-2022 15:29:34.000
Brunswick County, NC Register of Deeds Brenda M. Clemens PLAT
page 5 of 5

GRAPHIC SCALE
60 0 30 60 120
(IN FEET)
1 inch = 60 ft.

CERTIFICATE OF SURVEY AND ACCURACY

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I further certify that this survey creates a subdivision of land within the area of a county or municipality that has an ordinance that regulates parcels of land.

Witness my original signature, registration number and seal this 7th day of March A.D., 2022

NORTH CAROLINA PROFESSIONAL SEAL L-3917 LAND SURVEYOR MICHAEL D. OLIVER

Michael D. Oliver, PLS
Registration Number L-3917

SUBDIVISION PLAT OF EAGLE RUN-PHASE II
(43 LOT SUBDIVISION)
TOWN OF CAROLINA SHORES
SHALLOTTE TOWNSHIP
BRUNSWICK COUNTY -NORTH CAROLINA
PREPARED FOR
PULTE HOME COMPANY, LLC

Development Resource Group of the Carolinas, PLLC
4703 Oleander Drive
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Telephone: 843.839.3350
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SHEET 4 OF 4

DATE: 03-07-2022	SCALE: 1"=60'	20.188

DWG NAME: P:\20188 - PULTE - EAGLE RUN - TOWN OF CAROLINA SHORES PHASE 2\SURVEY_SURVEY CAD DRAWINGS\20188 2022-03-04 FINAL PLAT EAGLE RUN PHASE II.DWG

5 of 6

Brunswick County Board of Commissioners
ACTION AGENDA ITEM
September 19, 2022

Action Item # V. - 4.
County Attorney - Eagle Run, Ph 3A, Lots 3000-3005 & 3062-3068 DOD

From:
Asst. County Attorney--Bryan Batton

Issue/Action Requested:
Consider accepting the Deed of Dedication for water and sewer infrastructure in Eagle Run, Phase 3A, Lots 3000-3005 & 3062-3068.

Background/Purpose of Request:
Pulte Home Company, LLC has submitted a Deed of Dedication for water and sewer infrastructure in Eagle Run, Phase 3A for Lots 3000-3005 & 3062-3068. The lines have been tested and approved and are ready to be incorporated into our utility system.

Fiscal Impact:
Reviewed By Director of Fiscal Operations
$ 39,202.00 for water
$ 50,283.00 for sewer

Approved By County Attorney:
Yes

County Attorney's Recommendation:
Accept the Deed of Dedication for water and sewer infrastructure from Pulte Home Company, LLC.

County Manager's Recommendation:
Recommend that the Board consider accepting the Deed of Dedication for water and sewer infrastructure in Eagle Run, Phase 3A, Lots 3000-3005 & 3062-3068.

ATTACHMENTS:

Description

- Eagle Run, Ph 3A, Lots 3000-3005 & 3062-3068 DOD

Prepared by:
Evan Gosney
4401 Leeds Ave, Suite 400
N. Charleston, SC 29405

DEED OF DEDICATION

STATE OF NORTH CAROLINA

COUNTY OF BRUNSWICK

THIS DEED OF DEDICATION, made and entered into this the 17th day of August, 2022 by and between Pulte Home Company, LLC, a Michigan limited liability company, with an office and place of business in Brunswick County, North Carolina, party of the first part, hereinafter referred to as "Developer", and BRUNSWICK COUNTY, a governmental entity created and existing under the laws of the State of North Carolina, P.O. Box 249, Bolivia NC 28422 party of the second part, hereinafter referred to as Grantee;

W I T N E S S E T H:

That whereas Developer is the owner and developer of a tract or parcel located in Shallotte Township, Brunswick County, North Carolina, known as Eagle Run Phase 3A, Portion of Parcel A Tract -2 (13 Lots).

And whereas Developer has caused to be installed water distribution lines [and/or sewer lines] under and along the road rights-of-way hereinafter described and referenced; And whereas Developer wishes to obtain water [and/or sewer] from Grantee for the property and to make water [and/or sewer] from Grantee's system available to individual owners.

And whereas Grantee has adopted through appropriate resolution stated policy regarding water distribution [and/or sewer] systems under the terms of which, among other things, in order to obtain water [and/or sewer] for said subdivision Developer must convey title to the water [and/or sewer] distribution system to Grantee through an instrument of dedication acceptable to Grantee;

NOW, THEREFORE, Developer, in consideration of Grantee accepting said water [and/or sewer] lines and making water [and/or sewer] available to said subdivision, has conveyed by these presents does hereby convey to Grantee, its lawful successors and assigns, the following described property:

All water [and/or sewer] lines and related facilities and improvements located in the following street rights-of-way: **Eagle Claw Drive** (50' Public Right-of-Way) as shown on a map entitled "SUBDIVISION PLAT OF EAGLE RUN PHASE 3A, PORTION OF PARCEL A, TRACT-2 (13 LOT SUBDIVISION) TOWN OF CAROLINA SHORES, SHALLOTTE TOWNSHIP, Brunswick County, North Carolina prepared for PULTE HOME COMPANY, LLC" recorded in Map Cabinet 138, Pages 25-26, Brunswick County, Register of Deeds.

TO HAVE AND TO HOLD said water [and/or sewer] lines and equipment above described together with the privileges and appurtenances thereto belonging to Grantee forever.

Non-exclusive easements over, along and upon the entire area of the streets and cul-de-sacs depicted on the maps and serving the areas referenced above for purposes of entry into the subdivision for maintenance, repair and upkeep of the water [and/or sewer] distribution systems and for connecting the same to the individual lots developed or to be developed lying adjacent to said streets and cul-de-sacs reserving unto Developers, its successor and assigns, equal rights of easement and easement over, in, along and upon said streets and cul-de-sacs for purposes of installing and maintaining such utilities as may be required for the development of said subdivision, including, but not limited to, electric, gas, telephone, cable and sewer.

And Developer does hereby covenant that it is seized of said water [and/or sewer] lines and equipment described above in fee simple and has the right to convey the same in fee simple, that the same are free and clear of encumbrances, and that it will warrant and defend the title to the same against all persons whomsoever.

Developer warrants to Grantee that the system herein conveyed is of good quality and free from faults and defects and conforms to as-built drawings. Developer warrants said system for a period of one (1) year from the date of recording this Deed of Dedication in the office of the Brunswick County Register of Deeds.

IN WITNESS WHEREOF, the Grantor has caused this instrument to be duly executed, the day and year first above written.

PULTE HOME COMPANY, LLC, a
Michigan limited liability company

By: _____, Pulte Home Company, LLC
Eric Korsten, Division VP

STATE OF SOUTH CAROLINA §

COUNTY OF HORRY §

I, Earl R. Bailey, a Notary Public of the County and State aforesaid, do hereby certify that Eric Korsten personally came before me this day, and he/she acknowledged that he/she is (Division President/Division Vice President, of Pulte Home Company, LLC, a Michigan limited liability company, and that he/she, as Division Vice President, being authorized to do so, executed the foregoing on behalf of such limited liability company.

Witness my hand and official seal, this the 17th day of August, 2022.

(NOTARY SEAL)

EARL R BAILEY
MY COMMISSION EXPIRES FEBRUARY 21, 2027
NOTARY PUBLIC
SOUTH CAROLINA

Printed or Typed Name of Notary Public:

Earl R. Bailey
Earl R. Bailey

My Commission Expires:

ACCEPTANCE OF DEED

This Deed of Dedication and accompanying Affidavit for Pulte Home Company was accepted by the Brunswick County Board of Commissioners on the_____day of _____, 20___.

Brunswick County Board of Commissioners

_____
Randy Thompson, Chairman

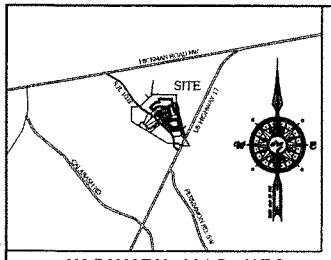
_____
Daralyn Spivey
Clerk to the Board

138|25

SUBDIVISION PLAT OF EAGLE RUN-PHASE 3A

PORTION OF PARCEL A TRACT-2 (13 LOTS)

TOWN OF CAROLINA SHORES
SHALLOTTE TOWNSHIP
BRUNSWICK COUNTY :NORTH CAROLINA
PREPARED FOR
PULTE HOME COMPANY, LLC



NOTES:

1. Portion of
   PARCEL ID: 2250003802 / PIN: 102604645551
   Total Original Acreage of Remaining Parcel A Tract-2 (15.93 Ac.)
   Deed Book 4656 Deed Page 665
   Ref: P/O Plat Book 122 Plat Page 15
   The zoning of this tract AD.
   Owner of Record :
   Pulte Home Company, LLC
   4401 Leeds Avenue, Suite 400
   North Charleston, South Carolina 29405
2. This property is based on Brunswick County Flood Insurance Map 3720102600 K. Revised August 28th, 2018, Panel 1026 Community Town of Carolina Shores , CID 370517, located in Zone (X) as scaled from F.I.R.M. This plat is not the basis for flood zone determination or flood zone related issues.
3. Declaration is made to original purchaser of the survey. It is not transferable to additional institutions or subsequent owners. This survey is only valid if print of same has original signature and embossed seal of the surveyor.
4. Surveyor has made no investigation or independent search for easements of record, encumbrances, restrictive covenents, ownership title evidence, or any other facts that an accurate and current title search may disclose.
5. Subsurface and environmental conditions were not examined or considered as a part of this survey. No statement is made concerning the existence of underground or overhead containers or facilities that may affect the use or development of this tract.
6. This property is subject to all easements or restrictions of record.
7. Last property transfer Deed Book 4394, Page 1387.
8. 1/2" Iron Pipes Set at all corners unless noted otherwise.
9. All Bearings are based upon the North Carolina State Plane Coordinate System (NAD83)(2001). All distances shown are Horizontal not grid distances.
10. Area calculations are by the coordinate method.
11. This Property Subject to Development Agreement Filed in D.B. 4326 Pg 404
12. Date of Field Survey: October, 2019

REFERENCE:

1. Plat of "The Lands Claimed in Deed Book 457 Page 496 etc.", for Jerry McLamb Construction Company, dated June 21st, 2005 by Norris & Ward Land Surveyors recorded in Map Cabinet 32 Page 538 at the Brunswick County Register of Deeds.
2. Plat of "A Part of The Lands Claimed in Deed Book 847 Page 541", for Earl Wayne & Paula Smith, dated June 24th, 2008 by Norris & Ward Land Surveyors recorded in Map Cabinet 54 Page 5 at the Brunswick County Register of Deeds.
3. Plat of "Family Division, for Bobbie B. White and Dorothy B. Stem", dated June 17th, 2009 by Bobbie M. Long & Associates recorded in Map Cabinet 68 Page 31 at the Brunswick County Register of Deeds.
4. Subdivision / Combination Plat of Combined Area 94.57 Acres - Subdivided Area of 6.23 Acres. dated February 17th, 2020 by Development Resource Group of The Carolinas recorded in Map Cabinet 119 Page 82 at the Brunswick County Register of Deeds.

Certificate of Ownership and Dedication

I hereby certify that I am (we are) the owner(s) of the property shown and described hereon, and that I (we) hereby adopt this plan of subdivision with my (our) free consent, and dedicate all roads and other sites and easements to public use as noted in the Declaration of Private Roadways, where applicable.

Owner(s) / Authorized Representative — Date: 6/6/2022

Certificate of Approval for Recording Final Plat

I Chad Hicks, UDO Administrator, certify that the Town of Carolina Shores fully approved the final plat of the Subdivision entitled Eagle Run 3A

Administrator — Date: 6-8-22

CERTIFICATE OF SURVEY AND ACCURACY

I, Michael D. Oliver, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book 4656, Page 665 & Book 4797 Page 884, etc.); that the ratio of precision as calculated is 1: 10,000; that this plat was prepared in accordance with G.S. 47-30 as amended and that it is true and correct to the best of my knowledge and belief.

I further certify that this survey creates a subdivision of land within the area of a county or municipality that has an ordinance that regulates parcels of land.

Witness my original signature, registration number and seal this 6th day of June A.D., 2022

Michael D. Oliver, PLS
Registration Number L-3917

EAGLE RUN-PHASE 3A
SUBDIVISION DATA

A PORTION OF PARCEL A TRACT-2	3.05 acres
TOTAL RIGHT OF WAY	0.52 acres
TOTAL COMMON AREA	0.00 acres
TOTAL PRIVATE LOTS	2.53 acres
LINEAR FEET OF PUBLIC STREETS	477.90 lf
TOTAL # OF LOTS	13
SMALLEST LOT (MULTIPLE)	7,920 sqft
LARGEST LOT (#3005)	9,337 sqft

LEGEND

○	Iron Rebar Found (IRF)
○	Iron Pipe Found (IPF)
○	Crimp Top Pipe (CTP)
○	Pipe (ROD)
◉	Iron Pipe Set (IPS)
●	Calculated Point (CP)
⊟	Monument
OHP	Overhead Power
(T)	Total Distance
(C/O)	Current Owner
(L.T.B.D.)	Line To Be Deleted

GRAPHIC SCALE

100 0 50 100 200

(IN FEET)
1 inch = 100 ft.

Town of Carolina Shores

I hereby certify that the subdivision plat shown hereon has been found to comply with the subdivision regulations of the Town of Carolina Shores, North Carolina and that this plat has been approved by the Board of Commissioners for recording in the Office of the Register of Deeds of Brunswick County

6-1-22 — Date
Mayor
Town of Carolina Shores

State of North Carolina

I Connie Marlowe
Review Officer of Brunswick County, certify that the map or plat which this certification is affixed meets all statutory requirements for recording.

Review Officer — Date: 14 Jun 22

Flood Damage Prevention
Certificate of Approval for Recording

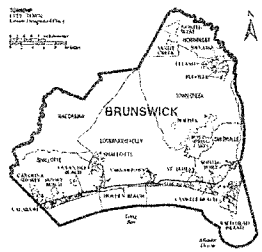
I certify that the plat shown hereon complies with the Town of Carolina Shores Flood Damage Prevention requirements and is approved by Carolina Shores for recording in the Register of Deeds Office.

Administrator — Date: 06/14/2022

Brunswick County Code Administration

The undersigned hereby approves that the required fire hydrant system(s) have been tested in accordance with NFPA 291 in an acceptable manner and such fire hydrant system(s) located in accordance with the North Carolina Fire Prevention Code.

Brunswick County Fire Code Official — Date: 6-14-2022



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Brenda N. Clemmons PLAT
Brunswick County, NC Register of Deeds page 1 of 2

Development Resource Group of the Carolinas, PLLC
4703 Oleander Drive
Myrtle Beach, SC 29577
Telephone: 843.839.3350
www.drgpllc.com

SHEET 1 OF 2

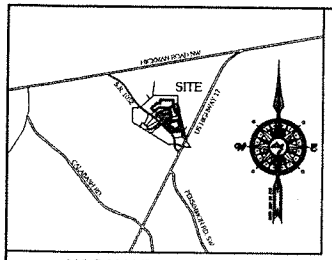
DATE: 06-02-2022	SCALE: 1"=100'	20.188

DWG NAME: P:\20188 - PULTE - EAGLE RUN - TOWN OF CAROLINA SHORES PHASE 3\SURVEY\SURVEY CAD DRAWINGS\20188 2022-06-02 FINAL PLAT EAGLE RUN PHASE 3A.DWG

KBH

Change Number 138 Page 25 6/14/22

102



PARCEL A
TRACT-3
Parcel ID: 2250003803
Parcel PIN: 102604640729
Current Owner
Pulte Home Company, LLC
Deed Book 4797 Deed Page 884
Plat Book 126 Plat Page 93

REMAINDER
PARCEL A
TRACT-2
Parcel PIN: 102604645551
561,053 sq.ft.
12.88 Acres
Current Owner
Pulte Home Company, LLC
Deed Book 4656 Deed Page 665
Plat Book 122 Page 15

TRACT 8
Parcel ID: 2250003604
Parcel PIN: 102602752692
Current Owner
Crow Creek Golf Group, LLC
D.B. 4314 Pg. 792
P.B. 115 Pg. 74

Eagle Run-Phase I
Subdivision

Hawks Run Drive (50' Public Right-of-Way)
Eagle Claw Dr. (50' Public R/W)

GRAPHIC SCALE
60 0 30 60 120
(IN FEET)
1 inch = 60 ft.

LEGEND
- Iron Rebar Found (IRF)
- Iron Pipe Found (IPF)
- Crimp Top Pipe (CTP)
- Pipe (ROD)
- Iron Pipe Set (IPS)
- Calculated Point (CP)
- Monument
- Overhead Power
- (T) Total Distance
- (C/O) Current Owner
- (L.T.B.D.) Line To Be Deleted

LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	S17° 27' 27"E	4.00

CURVE TABLE				
CURVE #	RADIUS	LENGTH	DELTA	CHORD
C1	1825.00'	5.24'	0° 09' 52"	N 15° 08' 31" W 5.24'
C2	1825.00'	68.13'	2° 08' 21"	N 16° 17' 38" W 68.13'
C3	1825.00'	3.00'	0° 05' 39"	N 17° 24' 38" W 3.00'
C4	295.00'	66.52'	12° 55' 14"	S 10° 59' 50" E 66.38'
C5	345.00'	12.93'	2° 08' 52"	S 2° 44' 26" E 12.93'
C6	345.00'	48.44'	8° 02' 44"	S 7° 50' 14" E 48.41'
C7	345.00'	33.70'	5° 35' 51"	S 14° 39' 31" E 33.69'
C8	1775.00'	68.27'	2° 12' 13"	N 16° 21' 20" W 68.26'

CERTIFICATE OF SURVEY AND ACCURACY

I, Michael D. Oliver, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book 4656, Page 665 & Book 4797 Page 884, etc.); that the ratio of precision as calculated is 1: 10,000; that this plat was prepared in accordance with G.S. 47-30 as amended and that it is true and correct to the best of my knowledge and belief.

I further certify that this survey creates a subdivision of land within the area of a county or municipality that has an ordinance that regulates parcels of land.

Witness my original signature, registration number and seal this 6th day of June A.D., 2022

Michael D. Oliver, PLS
Registration Number L-3917

NORTH CAROLINA PROFESSIONAL SEAL L-3917 MICHAEL D. OLIVER SURVEYOR

B0138 P0026 06-14-2022 10:37:03.000 AM
Brunswick County, NC Register of Deeds Brenda M. Clemons Page 2 of 2

SUBDIVISION PLAT OF EAGLE RUN-PHASE 3A
(13 LOT SUBDIVISION)
TOWN OF CAROLINA SHORES
SHALLOTTE TOWNSHIP
BRUNSWICK COUNTY NORTH CAROLINA
PREPARED FOR
PULTE HOME COMPANY, LLC

Development Resource Group of the Carolinas, PLLC
4703 Oleander Drive
Myrtle Beach, SC 29577
Telephone: 843.839.3350
www.drgpllc.com

SHEET 2 OF 2

DATE: 06-02-2022 | SCALE: 1"=60' | 20.187

DWG NAME: P:\20187 - PULTE - EAGLE RUN - TOWN OF CAROLINA SHORES PHASE 3\SURVEY_SURVEY CAD DRAWINGS\20187 2022-06-02 FINAL PLAT EAGLE RUN PHASE 3A.DWG

STATE OF NORTH CAROLINA

COUNTY OF BRUNSWICK AFFIDAVIT

PULTE HOME COMPANY, LLC, a Michigan limited liability company, with an office and place of business in Wake County, Mecklenburg County, and multiple other counties in North Carolina, hereinafter referred to as Affiant, being first duly sworn, hereby deposes and says under oath as follows:

1. That it is the owner of certain property located in the Town of Carolina Shores, Shallotte Township, Brunswick County, North Carolina, known as Eagle Run Phase 3A, Portion of Parcel A, Tract 2 (13 Lot Subdivision), containing lots numbered 3000-3005 and 3062-3068; inclusive as more particularly described in a Deed of Dedication in favor of Brunswick County of even date herewith.

2. That it has caused to be installed water distribution lines [and/or sewer lines] under and along the road rights-of-way property hereinafter described and referenced:

> **Eagle Claw Drive** (50' Public Right-of-Way) as shown on a map entitled "SUBDIVISION PLAT OF EAGLE RUN PHASE 3A, PORTION OF PARCEL A, TRACT-2 (13 LOT SUBDIVISION) TOWN OF CAROLINA SHORES, SHALLOTTE TOWNSHIP, Brunswick County, North Carolina prepared for PULTE HOME COMPANY, LLC" recorded in Map Cabinet 138, Pages 25-26, Brunswick County, Register of Deeds.
>
> All the work which has been performed in the construction and installation of said water distribution lines [and/or sewer lines] described in paragraph 2, above, has been fully paid for and there are now no liens of any kind including any lien for labor or material against the subdivision property which would in any way jeopardizes title of Affiant to the property in said subdivision nor are there any legal actions pending against Affiant or any contractor arising out

of any work performed in said subdivision or the water lines [and/or sewer lines] installed therein which would in any way jeopardize title to the subdivision or the water distribution lines [and/or sewer lines] located therein.

IN WITNESS WHEREOF, the Affiant has caused this instrument to be duly executed by its authorized officer(s), this 17th day of August, 2022.

PULTE HOME COMPANY, LLC, a
Michigan limited liability company

By: _____
Name: Eric Korsten
Title: VP of Operations

STATE OF SOUTH CAROLINA §
COUNTY OF HORRY §

Signed and sworn to (or affirmed) before me this day by Eric Korsten.
(Name of Principal)

Date: 8/17/2022

_____
Signature of Notary Public

(NOTARY SEAL)

Printed or Typed Name of Notary Public:

Earl R. Bailey

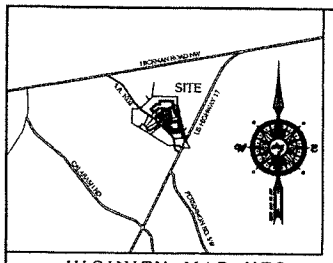
My Commission Expires: 2/21/27

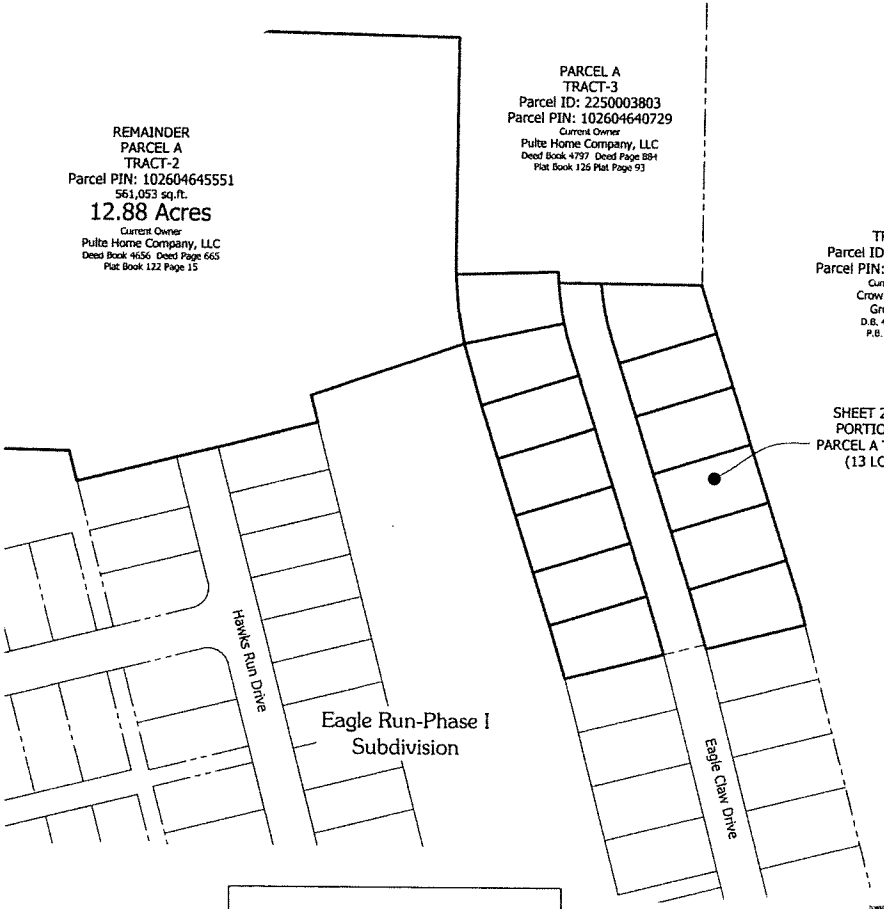
138/25

SUBDIVISION PLAT OF EAGLE RUN-PHASE 3A

PORTION OF PARCEL A TRACT-2 (13 LOTS)

TOWN OF CAROLINA SHORES
SHALLOTTE TOWNSHIP
BRUNSWICK COUNTY, NORTH CAROLINA
PREPARED FOR
PULTE HOME COMPANY, LLC





NOTES:

1. Portion of
   PARCEL ID: 2250003802 / PIN: 102604645651
   Total Original Acreage of Remaining Parcel A Tract-2 (15.93 Ac.)
   Deed Book 4656 Deed Page 665
   Ref: P/O Plat Book 122 Plat Page 15
   The zoning of this tract AD.
   Owner of Record :
   Pulte Home Company, LLC
   4401 Leeds Avenue, Suite 400
   North Charleston, South Carolina 29405
2. This property is based on Brunswick County Flood Insurance Map 3720102600 K, Revised August 28th, 2018, Panel 1026 Community Town of Carolina Shores , CID 370517, located in Zone (X) as scaled from F.I.R.M. This plat is not the basis for flood zone determination or flood zone related issues.
3. Declaration is made to original purchaser of the survey. It is not transferable to additional institutions or subsequent owners. This survey is only valid if print of same has original signature and embossed seal of the surveyor.
4. Surveyor has made no investigation or independent search for easements of record, encumbrances, restrictive covenants, ownership title evidence, or any other facts that an accurate and current title search may disclose.
5. Subsurface and environmental conditions were not examined or considered as a part of this survey. No statement is made concerning the existence of underground or overhead containers or facilities that may affect the use or development of this tract.
6. This property is subject to all easements or restrictions of record.
7. Last property transfer Deed Book 4394, Page 1387
8. 1/2" Iron Pipes Set at all corners unless noted otherwise.
9. All Bearings are based upon the North Carolina State Plane Coordinate System (NAD83)(2001). All distances shown are Horizontal not grid distances.
10. Area calculations are by the coordinate method.
11. This Property Subject to Development Agreement Filed in D.B. 4326 Pg. 404
12. Date of Field Survey: October, 2019

REFERENCE:

1. Plat of "The Lands Claimed in Deed Book 457 Page 496 etc.", for Jerry McLamb Construction Company, dated June 21st, 2005 by Norris & Ward Land Surveyors recorded in Map Cabinet 32 Page 538 at the Brunswick County Register of Deeds.
2. Plat of "A Part of The Lands Claimed in Deed Book 547 Page 541", for Earl Wayne & Paula Smith, dated June 24th, 2008 by Norris & Ward Land Surveyors recorded in Map Cabinet 54 Page 5 at the Brunswick County Register of Deeds
3. Plat of "Family Division, for Bobbie H. White and Dorothy B. Storm", dated June 17th 2009 by Bobbie M. Long & Associates recorded in Map Cabinet 68 Page 31 at the Brunswick County Register of Deeds.
4. Subdivision / Combination Plat of Combined Area 94.57 Acres - Subdivided Area of 6.23 Acres, dated February 17th, 2020 by Development Resource Group of The Carolinas recorded in Map Cabinet 119 Page 82 at the Brunswick County Register of Deeds.

Certificate of Ownership and Dedication

I hereby certify that I am (we are) the owner(s) of the property shown and described hereon, and that I (we) hereby adopt this plan of subdivision with my (our) free consent, and dedicate all roads and other sites and easements to public use as noted in the Declaration of Private Roadways, where applicable.

Owner(s) / Authorized Representative — Date: 6/6/2022

Certificate of Approval for Recording Final Plat

I, Chad Hicks, UDO Administrator, certify that the Town of Carolina Shores fully approved the final plat of the Subdivision entitled Eagle Run 3A

Administrator — Date: 6-8-22

CERTIFICATE OF SURVEY AND ACCURACY

I, Michael D. Oliver, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book 4656, Page 665 & Book 4797 Page 884, etc.); that the ratio of precision as calculated is 1: 10,000; that this plat was prepared in accordance with G.S. 47-30 as amended and that it is true and correct to the best of my knowledge and belief.

I further certify that this survey creates a subdivision of land within the area of a county or municipality that has an ordinance that regulates parcels of land

Witness my original signature, registration number and seal this 6th day of June A.D., 2022

Michael D. Oliver, PLS
Registration Number L-3917

NORTH CAROLINA PROFESSIONAL SEAL L-3917 LAND SURVEYOR M. D. OLIVER

EAGLE RUN-PHASE 3A
SUBDIVISION DATA

A PORTION OF PARCEL A TRACT-2	3.05 acres
TOTAL RIGHT OF WAY	0.52 acres
TOTAL COMMON AREA	0.00 acres
TOTAL PRIVATE LOTS	2.53 acres
LINEAR FEET OF PUBLIC STREETS	477.90 lf
TOTAL # OF LOTS	13
SMALLEST LOT (MULTIPLE)	7,920 sqft
LARGEST LOT (#3005)	9,337 sqft

LEGEND

- Iron Rebar Found (IRF)
- Iron Pipe Found (IPF)
- Crimp Top Pipe (CTP)
- Pipe (ROD)
- Iron Pipe Set (IPS)
- Calculated Point (CP)
- Monument
- OHP — Overhead Power
- (T) Total Distance
- (C/O) Current Owner
- (L.T.B.D.) Line To Be Deleted

GRAPHIC SCALE
100 0 50 100 200
(IN FEET)
1 inch = 100 ft.

Town of Carolina Shores

I hereby certify that the subdivision plat shown hereon has been found to comply with the subdivision regulations of the Town of Carolina Shores, North Carolina and that this plat has been approved by the Board of Commissioners for recording in the Office of the Register of Deeds of Brunswick County

6-1-22 — Date — Mayor, Town of Carolina Shores

State of North Carolina

I, Connie Marlowe, Review Officer of Brunswick County, certify that the map or plat which this certification is affixed meets all statutory requirements for recording.

Review Officer — 14 Jun 22 Date

Flood Damage Prevention
Certificate of Approval for Recording

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Administrator — 06/14/2022 Date

Brunswick County Code Administration

The undersigned hereby approves that the required fire hydrant system(s) have been tested in accordance with NFPA 291 in an acceptable manner and such fire hydrant system(s) located in accordance with the North Carolina Fire Prevention Code.

Brunswick County Fire Code Official — 6-14-2022 Date

B0138 P0025 06-14-2022 10:37:03.000
Brunswick County, NC Register of Deeds Brenda M. Clemmons PLAT
Page 1 of 2

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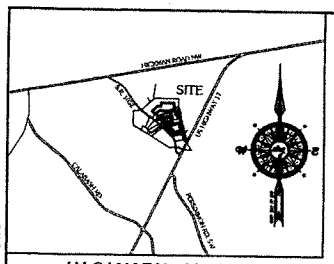
Telephone: 843.839.3350
www.drgpllc.com

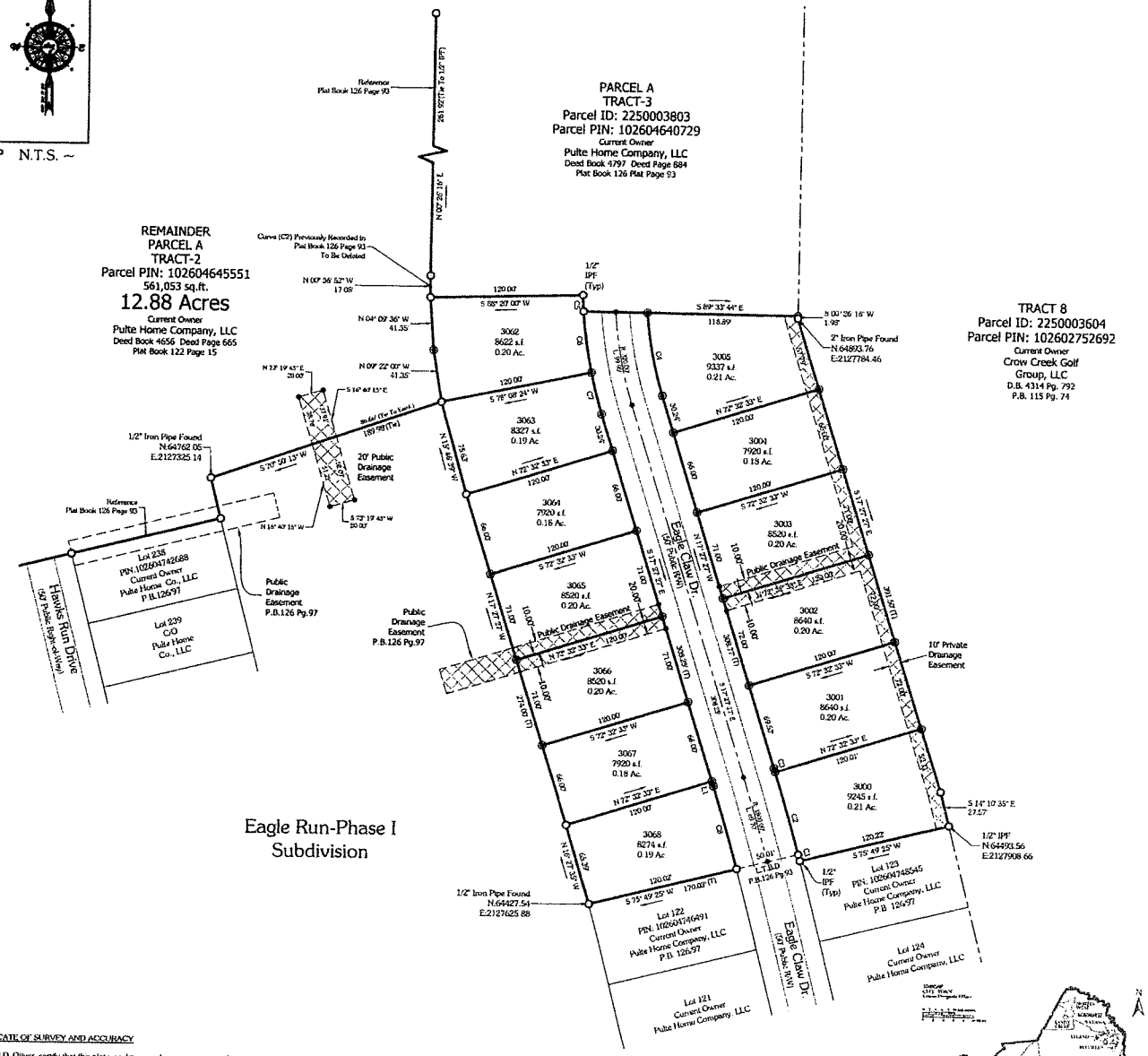
SHEET 1 OF 2

DATE: 06-02-2022	SCALE: 1"=100'	20.188

DWG NAME: P:\2018?? - PULTE - EAGLE RUN - TOWN OF CAROLINA SHORES PHASE 3\SURVEY\SURVEY CAD DRAWINGS\2018? 2022-06-02 FINAL PLAT EAGLE RUN PHASE 3A.DWG

105





LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	S17°27'27"E	4.00

CURVE TABLE				
CURVE #	RADIUS	LENGTH	DELTA	CHORD
C1	1825.00'	5.24'	0° 09' 52"	N 15° 08' 31" W 5.24'
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I further certify that this survey creates a subdivision of land within the area of a county or municipality that has an ordinance that regulates parcels of land.

Witness my original signature, registration number and seal this 6th day of June A.D., 2022

Michael D. Oliver, PLS
Registration Number L-3917

NORTH CAROLINA PROFESSIONAL SEAL L-3917 LAND SURVEYOR MICHAEL D. OLIVER

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Brenda P. Clemmons REG
Brunswick County, NC Register of Deeds Page 2 of 2

SUBDIVISION PLAT OF EAGLE RUN-PHASE 3A
(13 LOT SUBDIVISION)
TOWN OF CAROLINA SHORES
SHALLOTTE TOWNSHIP
BRUNSWICK COUNTY NORTH CAROLINA
PREPARED FOR
PULTE HOME COMPANY, LLC

Development Resource Group of the Carolinas, PLLC
4703 Oleander Drive
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SHEET 2 OF 2

DATE: 06-02-2022	SCALE: 1"=60'	20.187

2 of 2

S:\20187 - PULTE - EAGLE RUN - TOWN OF CAROLINA SHORES PHASE 3\SURVEY_SURVEY CAD DRAWINGS\20187 2022-06-02 FINAL PLAT EAGLE RUN PHASE 3A.DWG

Brunswick County Board of Commissioners
ACTION AGENDA ITEM
September 19, 2022

Action Item # V. - 5.
County Attorney - Home Place of Southport Deed Of Dedication

From:
Asst. County Attorney--Bryan Batton

Issue/Action Requested:
Consider accepting the Deed of Dedication for water infrastructure for Home Place of Southport.

Background/Purpose of Request:
The Home Place of Wilmington, LLC has submitted a Deed of Dedication for water infrastructure for Home Place of Southport. The lines have been tested and approved and are ready to be incorporated into out utility system.

Fiscal Impact:
Reviewed By Director of Fiscal Operations
$ 242,530.00 for water

Approved By County Attorney:
Yes

County Attorney's Recommendation:
Accept the Deed of Dedication for water infrastructure from The Home Place of Wilmington, LLC.

County Manager's Recommendation:
Recommend that the Board consider accepting the Deed of Dedication for water infrastructure for Home Place of Southport.

ATTACHMENTS:

Description

- Home Place of Southport DOD

Prepared by: Terrance S. Ando
The Home Place of Wilmington, LLC

DEED OF DEDICATION

STATE OF NORTH CAROLINA

COUNTY OF BRUNSWICK

THIS DEED OF DEDICATION, made and entered into this the 6th day of September, 2022, by and between THE HOME PLACE OF WILMINGTON, LLC, a North Carolina LLC, with an office and place of business in New Hanover County, North Carolina, party of the first part, hereinafter referred to as "Developer", and BRUNSWICK COUNTY, a governmental entity created and existing under the laws of the State of North Carolina, whose mailing address is P.O. Box 249, Bolivia, NC, 28422, party of the second part, hereinafter referred to as Grantee;

W I T N E S S E T H:

That whereas Developer is the owner and developer of a tract or parcel located in Smithville Township, Brunswick County, North Carolina, known as THE HOME PLACE OF SOUTHPORT as described on plat recorded in Map Cabinet 139 at Page 90 of the Brunswick County Registry;

And whereas Developer has caused to be installed water distribution lines under and along the road rights-of-way and public utility easements hereinafter described and referenced;

And whereas Developer wishes to obtain water from Grantee for the property and to make water from Grantee's system available to individual owners;

And whereas Grantee has adopted through appropriate resolution stated policy regarding water distribution systems under the terms of which, among other things, in order to obtain water for said subdivision Developer must convey title to the water distribution system to Grantee through an instrument of dedication acceptable to Grantee;

NOW, THEREFORE, Developer, in consideration of Grantee accepting said water lines and making water available to said subdivision, has conveyed by these presents does hereby convey to Grantee, its lawful successors and assigns, the following described property:

> All of the water distribution lines and equipment located under, along and within the property described as THE HOME PLACE OF SOUTHPORT, as the same appears on plat thereof recorded in Map Cabinet 139 at Page 90 of the Brunswick County Registry.

TO HAVE AND TO HOLD said water lines and equipment above described together with the privileges and appurtenances thereto belonging to Grantee forever.

Non-exclusive easements over, along and upon the entire area of the street rights-of-way and public utility easements depicted on the maps and serving the areas referenced above for purposes of entry into the subdivision for maintenance, repair and upkeep of the water distribution system and for connecting the same to the individual lots developed or to be developed lying adjacent to said street rights-of-way and public utility easements reserving unto Developers, its successor and assigns, equal rights of easement and easement over, in, along and upon said street rights-of- way and public utility easement for purposes of installing and maintaining such utilities as may be required for the development of said subdivision, including, but not limited to, electric, gas, telephone, cable and sewer.

And Developer does hereby covenant that it is seized of said water lines and equipment described above in fee simple and has the right to convey the same in fee simple, that the same are free and clear of encumbrances, and that it will warrant and defend the title to the same against all persons whomsoever.

Developer warrants to Grantee that the system herein conveyed is of good quality and free from faults and defects, and conforms to as-built drawings. Developer warrants said system for a period of one (1) year from the date of recording this Deed of Dedication in the office of the Brunswick County Register of Deeds.

IN WITNESS WHEREOF, the Grantor has caused this instrument to be duly executed, the day and year first above written.

The Home Place of Wilmington, LLC

By: _____
T Ando Construction and Consulting, Inc., Managing Member by Terrance S. Ando, President

STATE OF NORTH CAROLINA
COUNTY OF New Hanover

I, a Notary Public of the County and State aforesaid, do hereby certify that Terrance S. Ando personally came before me this day, and I have seen satisfactory evidence of the principal's identity, by a current state or federal identification with the principal's photograph in the form of a driver's license; and he acknowledged that he is President of T Ando Construction and Consulting, Inc., which is Managing Member of The Home Place of Wilmington, LLC, a North Carolina LLC, and that he, as President of the company that is the Managing Member, being authorized to do so, executed the foregoing on behalf of the LLC.

Witness my hand and official seal, this the 6 day of September, 2022.

GEORGETTE LOTT GADDY
NOTARY PUBLIC
NEW HANOVER COUNTY, NC
My Commission Expires 1-18-2026

georgette lott gaddy
Signature of Notary Public

georgette lott gaddy
Printed or Typed Name of Notary Public

My Commission Expires: 1.18.2026

ACCEPTANCE OF DEED

This Deed of Dedication and accompanying Affidavit for The Home Place of Wilmington, LLC, was accepted by the Brunswick County Board of Commissioners on the _____ day of _____, 20_____.

Brunswick County Board of Commissioners

_____
Randy Thompson, Chairman

_____
Daralyn Spivey, Clerk to the Board

139 /90

MAP CABINET 139 PAGE 90 1 of 5 9-1-22

LEGEND

———	PROPERTY LINE
———	LINE NOT SURVEYED
- - - - - -	CENTER LINE
- - - - - -	RIGHT OF WAY (R/W or ROW)
- - - - - -	EASEMENT
EIP ○	EXISTING IRON PIPE
EIPP ○	EXISTING IRON PIPE (PINCHED TOP)
NIPS ●	NEW IRON PIPE SET
●	NEW IRON ROD SET
CP ○	COMPUTED POINT
●	NEW MAG NAIL SET
CH =	CHORD
R =	RADIUS
M.C., PG.	MAP CABINET, PAGE
D.B., PG.	DEED BOOK, PAGE
NAD	NORTH AMERICAN DATUM
— · — · —	FLOOD HAZARD LINE TAKEN FROM FIRM.NC.GOV
- - - - - -	WETLANDS
	DRAINAGE EASEMENT
TCE	TEMPORARY CONSTRUCTION EASEMENT
PDUE	PERMANENT DRAINAGE & UTILITY EASEMENT
SDE	SIGHT DISTANCE EASEMENT (TRIANGLE)
—()—()—	BUFFER

ENGINEER'S CERTIFICATE OF ROAD CONSTRUCTION

I (WE) HEREBY CERTIFY THAT ALL ROADS AS DEPICTED ON THIS SUBDIVISION PLAT HAVE BEEN DESIGNED AND INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS PER SECTION 6.11.5.B OF THE BRUNSWICK COUNTY UNIFIED DEVELOPMENT ORDINANCE.

Justin C. Bishop
CERTIFIED PROFESSIONAL ENGINEER
DATE: 8-31-2022
SEAL

NORTH CAROLINA PROFESSIONAL SEAL 030212 ENGINEER JUSTIN C. BISHOP

CERTIFICATE OF OWNERSHIP AND DEDICATION

I (WE) HEREBY CERTIFY THAT I AM (WE ARE) THE OWNER(S) OF THE PROPERTY SHOWN AND DESCRIBED HEREON AND THAT I (WE) HEREBY ADOPT THIS PLAN OF SUBDIVISION WITH MY (OUR) FREE CONSENT, ESTABLISH THE MINIMUM BUILDING LINES, AND DEDICATED ALL STREETS, ALLEYS, WALKS, PARKS, DRAINAGE-WAYS, AND OTHER OPEN SPACES TO PUBLIC OR PRIVATE USE AS NOTED. FURTHER, I (WE) CERTIFY THAT THE LAND AS SHOWN HEREON IS WITHIN THE SUBDIVISION REGULATION JURISDICTION OF BRUNSWICK COUNTY.

Terrance S. Addo 8-31-2022
OWNER(S)/DATE

CERTIFICATE OF APPROVAL OF THE DESIGN AND INSTALLATION OF STREETS, UTILITIES, AND OTHER REQUIRED IMPROVEMENTS:

THE UNDERSIGNED HEREBY CERTIFIES THAT THE REQUIRED IMPROVEMENTS (WATER, SEWER AND STORM DRAINAGE), HAVE BEEN INSTALLED IN AN ACCEPTABLE MANNER AND IN ACCORDANCE WITH THE REGULATIONS OF THE BRUNSWICK COUNTY ENGINEERING AND UTILITIES DEPARTMENTS AND ALL REQUIREMENTS OF THE BRUNSWICK COUNTY UNIFIED DEVELOPMENT ORDINANCE.

Terrance S. Addo
DEVELOPER OR AUTHORIZED AGENT
DATE 8-31-2022

Wm. Ruiz, P.E.
BRUNSWICK COUNTY ENGINEERING DIRECTOR
DATE: 9-1-2022

ELECTRICAL SERVICE CERTIFICATION

I HEREBY CERTIFY THAT ELECTRICAL SERVICE TO ALL LOTS AS DEPICTED ON THIS SUBDIVISION PLAT HAVE BEEN INSTALLED IN ACCORDANCE WITH THE UTILITY PROVIDER'S SPECIFICATIONS PER SECTION 3.3.3.B.16.i OF THE BRUNSWICK COUNTY UNIFIED DEVELOPMENT ORDINANCE

Terrance S. Addo
DEVELOPER OR PROJECT MANAGER
DATE: 8-31-2022

WATER UTILITIES SHALL BE THE RESPONSIBILITY OF BRUNSWICK COUNTY.

Wm. Ruiz, P.E.
DIRECTOR
DATE: 9-1-2022

CERTIFICATION OF DISCLOSURE, 404 WETLANDS

THIS TRACT IS SUBJECT TO 404 WETLANDS.

Terrance S. Addo
OWNER'S SIGNATURE
DATE: 8-31-2022

FIRE CODE ENDORSEMENT

THE UNDERSIGNED HEREBY STATES THAT THE REQUIRED FIRE HYDRANT SYSTEM(S) HAVE BEEN TESTED IN ACCORDANCE WITH NFPA 291 IN ACCEPTABLE MANNER AND SUCH FIRE HYDRANT SYSTEM(S) LOCATED IN ACCORDANCE WITH THE NORTH CAROLINA FIRE PREVENTION CODE.

9-1-2022
BRUNSWICK COUNTY FIRE CODE OFFICIAL DATE

THE UNDERSIGNED HEREBY CERTIFIES THIS DOCUMENT/PROJECT HAS BEEN REVIEWED AND APPROVED FOR COMPLIANCE WITH THE BRUNSWICK COUNTY FLOOD DAMAGE PREVENTION ORDINANCE

BRUNSWICK COUNTY FLOODPLAIN ADMINISTRATOR
DATE: 9/1/22

MAINTENANCE DISCLOSURE CERTIFICATE FOR PRIVATE SUBDIVISION / PD STREETS

I (WE), THE RESPONSIBLE PARTY(IES) OF THE HOME PLACE OF SOUTHPORT HEREBY STATE THAT THE SUBDIVISION STREETS IN THE HOME PLACE OF SOUTHPORT ARE PRIVATE STREETS. THESE ROAD(S) ARE TO BE PRIVATELY MAINTAINED AND SHALL NOT BE MAINTAINED BY THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION, BRUNSWICK COUNTY OR OTHER PUBLIC AGENCY. OWNERSHIP AND MAINTENANCE OF ALL PRIVATE STREETS IN THE AFOREMENTIONED MAJOR SUBDIVISION OR PLANNED DEVELOPMENT ARE THE RESPONSIBILITY OF

Terrance S. Addo 8-31-2022
DEVELOPER OR AUTHORIZED POA REPRESENTATIVE SIGNATURE DATE

ROAD MAINTENANCE AGREEMENT CERTIFICATE

I HEREBY CERTIFY THAT A ROAD MAINTENANCE AGREEMENT SHALL BE RECORDED WITH THE BRUNSWICK COUNTY REGISTER OF DEEDS. THE AGREEMENT SHALL BIND THE OWNERS OF ALL LOTS AND ANY RESIDUAL PARCELS REMAINING AFTER CREATION OF SUCH LOTS TO A ROAD MAINTENANCE AGREEMENT. THESE ROAD(S) ARE TO BE PRIVATE AND SHALL NOT BE MAINTAINED BY THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION OR OTHER PUBLIC AGENCY AND THE MAINTENANCE AND IMPROVEMENTS THEREOF SHALL BE THE MUTUAL OBLIGATION OF THE LANDOWNERS ABUTTING SAID ROADS

Terrance S. Addo
OWNER(S) OR AUTHORIZED AGENT SIGNATURE(S)
DATE: 8-31-2022

CERTIFICATE OF DISCLOSURE - BRUNSWICK COUNTY FLOOD PLAIN MANAGEMENT REGULATIONS:

I (WE) HEREBY CERTIFY THAT PRIOR TO ENTERING ANY AGREEMENT OR ANY CONVEYANCE WITH A PROSPECTIVE BUYER, I (WE) SHALL PREPARE AND SIGN, AND THE BUYER OF THE SUBJECT REAL ESTATE SHALL RECEIVE AND SIGN A STATEMENT WHICH FULLY AND ACCURATELY DISCLOSES THAT THE SUBJECT REAL ESTATE, OR PORTION OF THE SUBJECT REAL ESTATE, IS LOCATED WITHIN A FLOOD HAZARD AREA AND THAT THE BUYER MUST SATISFY THE REQUIREMENTS OF BRUNSWICK COUNTY FLOOD PLAIN MANAGEMENT REGULATIONS PRIOR TO THE ISSUANCE OF BUILDING PERMITS.

Terrance S. Addo 8-31-2022
OWNERS SIGNATURE DATE
THE HOME PLACE OF WILMINGTON, LLC

SEWER UTILITIES SHALL BE THE RESPONSIBILITY OF SOUTHEAST BRUNSWICK SANITARY DISTRICT (SBSD).

Bryan McLeod
DIRECTOR
DATE: 9/1/22

NOTES:
- PARCELS: 22100032, 22100033, 22100034, 22100035, 2210003301, 2210003501, 2210003502.
- ALL DISTANCES ARE HORIZONTAL GROUND IN FEET UNLESS OTHERWISE NOTED.
- ZONING: CLD
- BOUNDARY AREA: 19.50 ACRES INCLUDING DUTCHMAN ROAD RIGHT-OF-WAY.
- AREA COMPUTED BY COORDINATED METHOD.
- PROPERTY IS SUBJECT TO ALL ZONING AND PLANNING REGULATIONS OF BRUNSWICK COUNTY.
- THIS MAP WAS DRAWN WITHOUT THE BENEFIT OF A COMPLETE TITLE SEARCH. THE OWNERSHIP INFORMATION WAS OBTAINED FROM THE TAX RECORDS OF THE COUNTY REGISTRY.
- ALL PRIVATE ROAD RIGHT-OF-WAYS ARE ALSO PUBLIC UTILITY EASEMENTS.
-PER SOUTHEAST BRUNSWICK SANITARY DISTRICT (SBSD) SEWER BACKWATER VALVES SHALL BE INSTALLED AS REQUIRED BY THE NC PLUMBING CODE; SBSD WILL NOT BE RESPONSIBLE FOR SEWER BACK-UPS INTO HOMES.
-0.95 ACRES OF USEABLE RECREATION SPACE CAN BE SPREAD OUT AMONG THE OPEN AREAS D, E, F, G AND H.

"WET POND #1 SHALL BE MAINTAINED AS DESCRIBED IN THE OPERATION & MAINTENANCE AGREEMENT."

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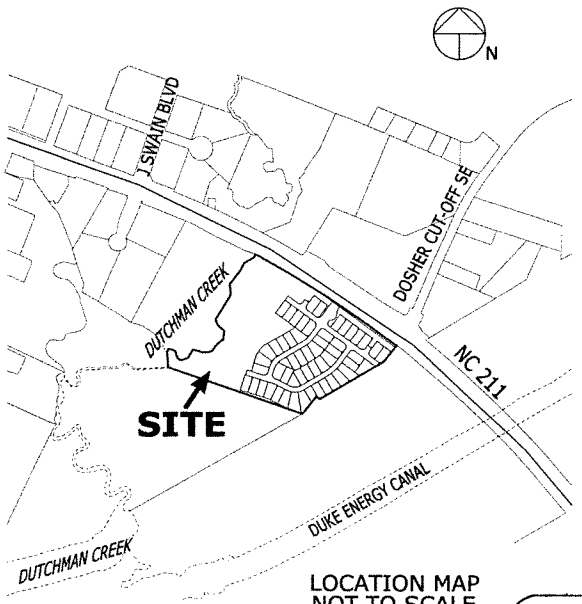
Brenda M. Clemmons
Brunswick County, NC Register of Deeds page 1 of 5



LOCATION MAP
NOT TO SCALE

APPROVED
Planned Development/Major Subdivision/
Major Site Plan
Case PD-36
M. Pages
Planning Director or Designee
Date: 9/1/22

APPROVED
PLANNED UNIT DEVELOPMENT
SEE _____
_____
CLERK, PLANNING DEPARTMENT
DATE: _____

I, STEVEN L. BUIE, CERTIFY:

THAT THE SURVEY CREATES A SUBDIVISION OF LAND WITHIN THE AREA OF A COUNTY OR MUNICIPALITY THAT HAS AN ORDINANCE THAT REGULATES PARCELS OF LAND;

I, STEVEN L. BUIE, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION; THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND IN (SEE TITLE REFERENCES); THAT THE RATIO OF PRECISION OR POSITIONAL ACCURACY AS CALCULATED IS 1:10,000+; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 47-30 AS AMENDED. WITNESS MY ORIGINAL SIGNATURE, LICENSE NUMBER AND SEAL THIS 31st DAY OF AUGUST, 2022.

Steve L. Buie
STEVEN L. BUIE, PLS L-3402

NORTH CAROLINA PROFESSIONAL SEAL L-3402 LAND SURVEYOR STEVEN L BUIE

REVIEW OFFICER CERTIFICATE

I, M. Pages
REVIEW OFFICER OF BRUNSWICK COUNTY, N.C. CERTIFY THAT THE MAP TO WHICH THIS CERTIFICATE IS AFFIXED MEETS ALL STATUTORY REQUIREMENTS FOR RECORDING.

9/1/22 M. Pages
DATE MAP REVIEW OFFICER

CERTIFICATE OF REGISTRATION BY REGISTER OF DEEDS
BRUNSWICK COUNTY
NORTH CAROLINA

FILED FOR REGISTRATION ON THE
____ DAY OF _____, 2022 AT _____ A.M./P.M.
AND DULY RECORDED IN MAP BOOK _____ AT PAGE. _____

_____
BRENDA M. CLEMMONS
REGISTER OF DEEDS

OWNER OF RECORD:
THE HOME PLACE OF WILMINGTON, LLC
P.O. BOX 4210
WILMINGTON, NC 28406-1232

FINAL PLAT
FOR
THE HOME PLACE OF SOUTHPORT

NC 211, SOUTHPORT
SMITHVILLE TOWNSHIP
BRUNSWICK COUNTY, NORTH CAROLINA 28461
SCALE 1"= 40' DATE: AUGUST 31, 2022

0 40 80 120

PORT CITY LAND SURVEYING, PLLC
FIRM LICENSE No. P-1493
1144 SHIPYARD BOULEVARD
WILMINGTON, NORTH CAROLINA 28412
(910) 791-0080

PROJECT: 20-0268
CAD: MED, SLB
SHEET 1 OF 5

MAP CABINET 139 PAGE 91 2 of 5 9-1-22 JH

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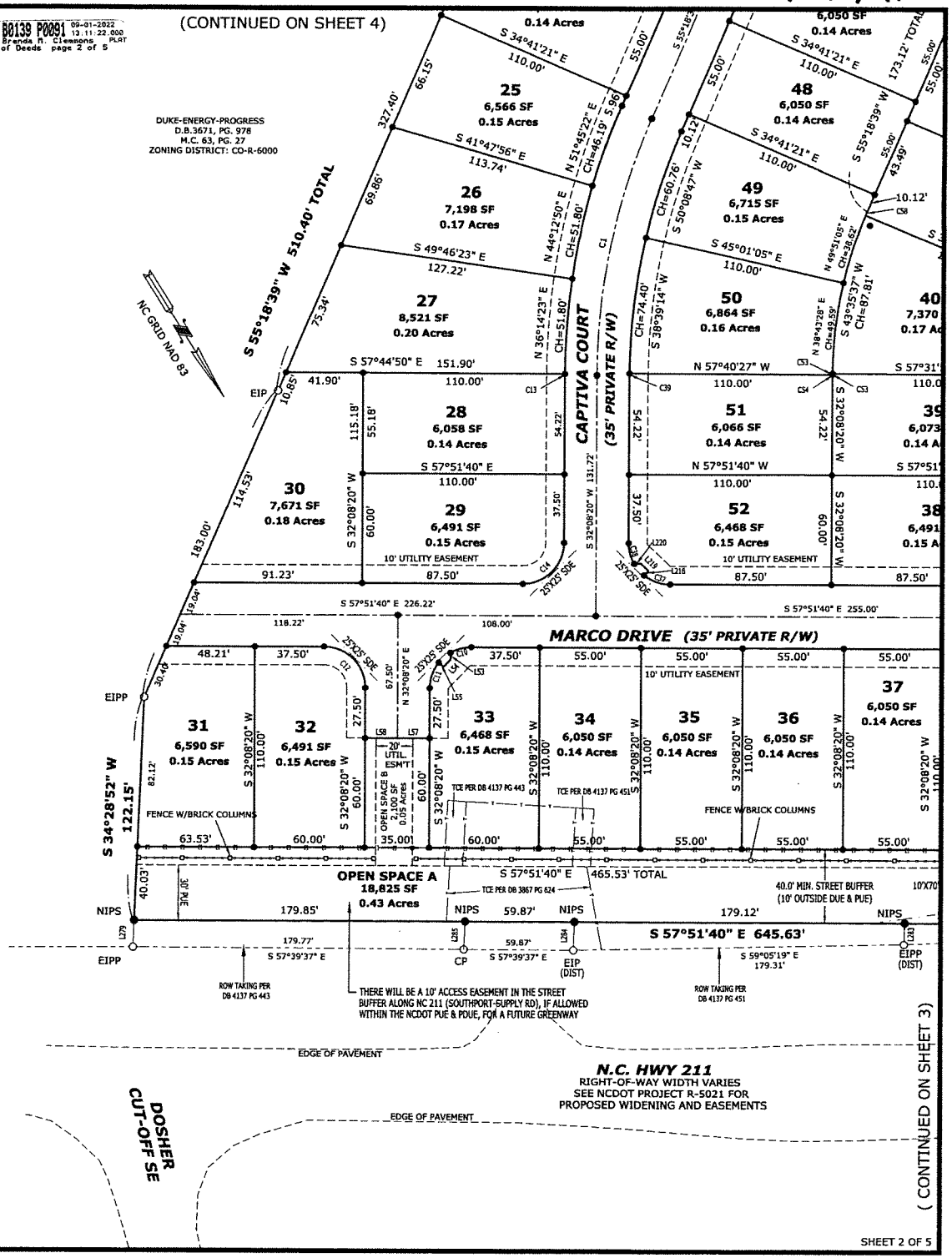
Brenda N. Clemmons PLAT
Brunswick County, NC Register of Deeds page 2 of 5

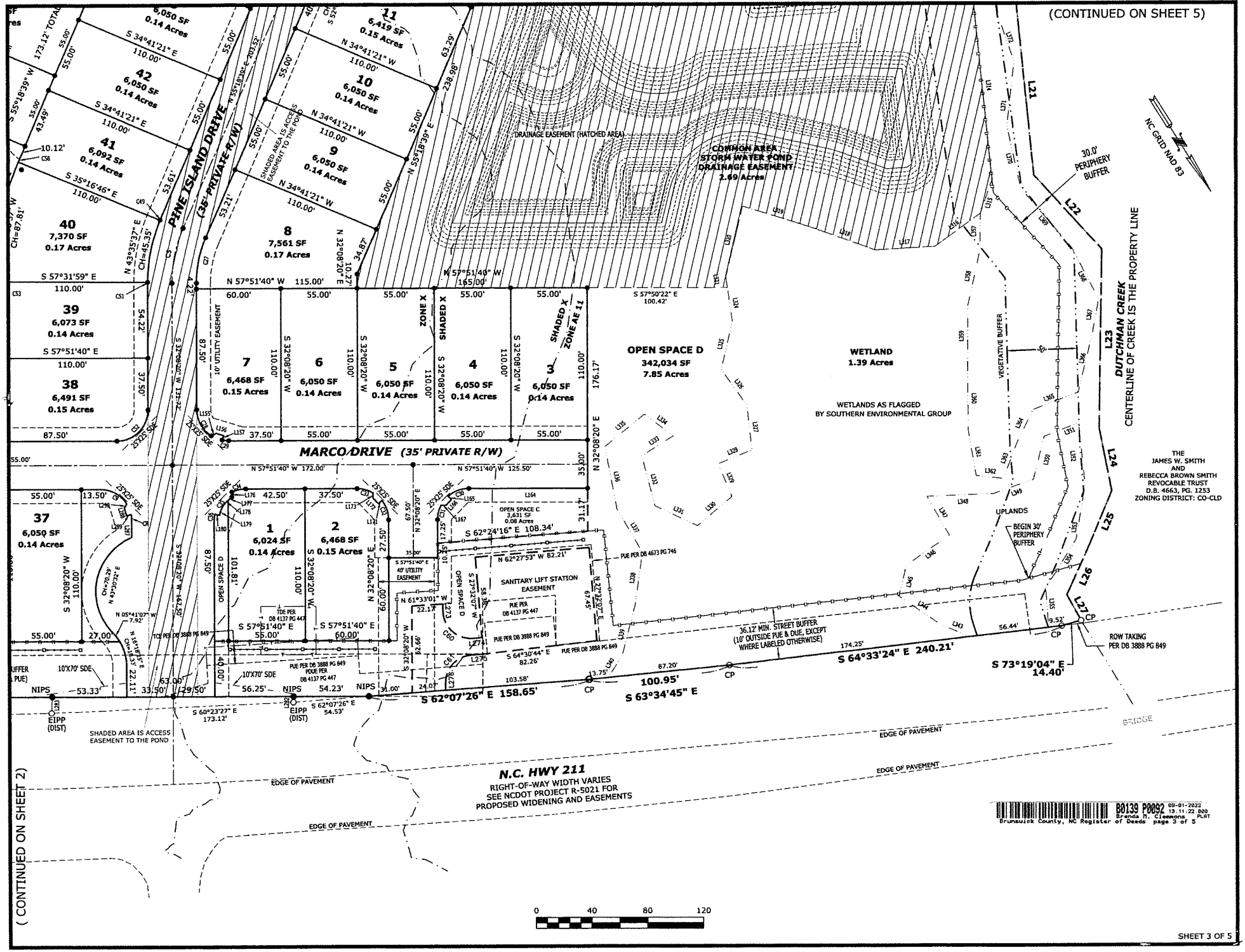
(CONTINUED ON SHEET 4)



(CONTINUED ON SHEET 3)

MAP CABINET 139 PAGE 92 3 of 5 9-1-22 JH

139 / 92



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Brunswick County, NC Register of Deeds Brenda M. Clemmons PLAT page 3 of 5

MAP CABINET 139 PAGE 93 4 of 5 9-1-22 JH

LINE	BEARING	DISTANCE
L1	N 08°54'12" W	97.89'
L2	N 13°14'52" E	26.68'
L3	N 89°10'00" E	24.35'
L4	S 66°42'14" E	26.44'
L5	S 22°48'53" E	48.88'
L6	S 56°17'11" E	26.88'
L7	N 68°08'53" E	52.84'
L8	N 24°45'58" E	65.20'
L9	S 82°40'52" E	36.47'
L10	S 74°25'52" E	31.10'
L11	N 87°48'41" E	36.27'
L12	N 64°28'29" E	32.31'
L13	N 32°10'25" E	44.08'
L14	N 38°25'10" E	19.95'
L15	N 44°40'54" E	33.72'
L16	N 58°52'25" E	11.97'
L17	N 02°17'10" E	61.40'
L18	N 52°55'04" W	60.76'
L19	N 23°53'52" W	43.10'
L20	N 29°08'18" E	77.08'
L21	N 26°20'21" E	121.87'
L22	N 10°08'34" W	72.16'
L23	N 33°02'32" E	128.79'
L24	N 21°07'27" E	46.55'
L25	N 54°32'12" E	44.72'
L26	N 56°19'56" E	37.06'
L27	N 03°23'44" E	21.14'
L28	N 03°07'00" E	2.37'
L29	S 64°31'24" E	15.13'
L30	S 62°07'26" E	54.55'
L31	S 69°23'27" E	173.12'
L32	S 59°05'19" E	179.21'
L33	S 57°39'37" E	99.87'
L34	S 57°39'37" E	179.77'
L35	S 34°28'52" W	14.71'
L36	S 69°23'27" E	85.68'
L37	S 69°23'27" E	87.44'
L38	S 34°18'26" W	4.06'
L39	S 34°42'48" W	11.71'
L40	S 34°36'58" W	15.55'
L41	S 34°43'15" W	15.34'
L42	S 32°08'20" W	22.11'
L43	S 32°08'20" W	12.33'
L44	S 74°07'56" E	3.41'
L45	S 15°52'04" W	5.69'
L46	S 61°40'22" W	3.65'
L53	N 29°45'44" E	3.65'
L54	N 75°34'02" E	5.69'
L55	S 14°25'58" E	3.41'
L57	S 57°51'40" E	17.50'
L58	S 57°51'40" E	17.50'
L144	N 10°31'01" E	3.65'
L145	N 56°19'19" E	7.38'
L146	S 77°55'24" E	3.65'
L148	N 12°53'37" E	0.24'
L155	N 86°43'06" W	3.65'
L156	N 40°54'48" W	5.69'
L157	N 49°05'12" E	3.41'
L164	S 57°51'40" E	85.50'
L165	N 14°25'58" W	3.41'
L166	N 75°34'02" E	5.69'
L167	S 58°37'41" E	3.65'
L171	N 78°42'38" E	3.41'
L172	S 11°17'22" E	5.69'
L173	S 34°30'56" W	3.65'
L176	N 34°29'59" E	3.65'
L177	N 80°18'16" E	3.40'
L178	N 80°18'16" E	2.23'
L179	N 48°34'34" E	4.00'
L180	S 41°35'25" E	3.41'
L218	S 76°03'01" W	3.41'
L219	S 13°56'59" E	5.69'
L220	S 59°45'17" E	3.65'
L230	N 15°19'56" E	3.65'
L231	N 30°28'22" W	5.69'
L232	S 59°31'38" W	3.41'
L242	S 55°18'39" W	10.12'
L251	S 34°41'21" E	6.59'
L273	N 30°24'54" E	5.48'
L274	N 82°34'51" W	6.34'
L275	S 62°34'51" E	8.88'
L276	N 30°08'20" E	5.39'
L291	N 77°06'22" W	45.91'
L292	N 12°53'37" E	108.85'
L293	N 29°45'31" E	37.07'
L294	N 36°45'47" W	16.85'
L295	N 19°55'14" W	26.48'
L296	N 47°13'31" E	18.40'
L297	S 77°44'34" E	39.95'
L298	N 19°22'02" E	23.76'
L299	N 10°47'18" W	49.78'
L300	N 05°18'41" W	35.09'
L301	N 89°49'03" W	48.69'
L302	S 13°14'34" W	29.82'
L303	S 07°02'30" E	35.23'
L304	S 55°08'33" W	21.60'
L305	S 38°27'23" W	27.33'
L306	S 83°45'34" W	30.42'

LINE	BEARING	DISTANCE
L307	N 38°58'09" W	22.28'
L308	S 37°29'47" W	16.59'
L309	N 39°07'38" W	35.79'
L310	N 02°17'10" E	61.40'
L311	N 52°55'04" W	36.18'
L312	N 28°57'55" E	65.39'
L313	N 60°51'42" W	32.74'
L314	N 26°35'21" E	134.62'
L315	N 50°34'06" E	25.76'
L316	N 85°59'07" E	40.31'
L317	S 61°07'25" E	43.47'
L318	S 38°02'45" E	48.97'
L319	S 40°21'53" E	51.21'
L320	N 45°33'40" E	52.41'
L321	N 23°45'52" E	7.60'
L324	N 23°45'53" E	24.27'
L325	N 44°53'26" E	36.28'
L326	N 03°16'26" W	31.94'
L327	N 25°42'18" E	32.20'
L328	S 79°51'08" E	26.48'
L329	N 09°31'40" E	25.75'
L330	N 81°40'03" E	32.36'
L331	S 32°32'57" E	33.70'
L332	S 17°39'10" W	37.32'
L333	S 89°30'15" W	26.81'
L334	S 20°36'23" E	26.03'
L335	N 82°33'03" E	36.78'
L336	N 21°26'16" E	45.97'
L337	N 02°17'03" E	36.53'
L338	N 40°15'57" E	38.09'
L339	N 46°26'42" E	38.13'
L340	N 64°50'38" E	18.45'
L343	S 35°27'33" E	22.26'
L344	S 23°29'25" E	37.03'
L345	S 46°12'10" W	23.14'
L346	S 87°34'52" W	37.67'
L347	S 02°28'23" W	32.55'
L348	N 60°11'58" W	47.27'
L349	N 77°28'36" W	30.53'
L350	S 46°07'58" W	32.05'
L351	N 79°08'13" W	26.55'
L352	N 26°19'02" E	44.89'
L353	N 41°27'05" E	40.17'
L354	N 64°04'58" E	41.41'
L355	N 28°02'09" E	28.46'
L357	N 32°34'41" E	25.90'
L358	N 44°21'26" E	41.15'
L359	N 32°28'28" E	44.30'
L360	N 31°39'44" E	45.92'
L361	N 22°35'38" E	33.27'
L362	N 51°46'01" W	19.28'
L363	S 52°40'37" W	28.14'
L364	S 58°08'28" W	26.09'
L365	N 78°41'53" W	34.67'
L366	S 45°31'17" W	44.23'
L367	S 42°24'04" W	24.56'
L368	S 04°52'52" W	41.49'
L369	S 08°26'23" E	56.20'
L370	S 19°49'22" W	46.66'
L371	S 38°38'34" W	46.01'
L372	S 13°01'25" W	34.68'
L373	S 26°23'11" W	78.31'
L374	S 11°43'38" E	29.10'
L375	S 54°24'30" E	72.73'
L376	S 00°18'32" E	62.34'
L377	S 50°33'25" W	21.32'
L378	S 47°07'20" W	29.69'
L379	N 88°18'02" E	56.57'
L380	S 15°33'45" W	9.87'
L381	S 54°58'26" W	27.35'
L382	S 89°57'50" W	25.41'
L383	S 61°04'42" W	48.52'
L384	S 26°58'55" W	29.65'
L385	S 80°04'15" W	37.09'
L386	S 00°13'52" E	44.89'
L387	S 61°51'17" W	41.10'
L388	N 24°11'14" W	33.51'
L389	S 40°27'31" W	44.79'
L390	N 76°27'27" W	60.69'
L391	S 79°22'28" W	32.57'
L392	N 57°22'08" W	28.40'
L393	S 05°00'18" E	31.85'
L394	S 81°28'49" E	34.72'
L395	S 32°50'56" W	23.85'
L396	S 89°17'40" W	25.19'
L397	S 76°28'15" W	35.91'
L398	N 75°08'41" W	26.26'
L399	S 61°42'16" E	54.61'
L400	S 21°20'48" W	26.95'
L401	S 38°34'07" W	24.16'
L402	S 19°48'40" E	20.22'
L403	S 69°45'58" E	23.97'
L404	S 36°01'33" W	29.00'
L405	S 56°37'24" E	17.33'
L406	N 53°54'56" E	23.14'
L407	N 43°27'53" E	33.39'

CURVE	RADIUS	CHORD BEARING	CHORD LENGTH
C1	355.00'	S 43°43'30" W	142.60'
C2	100.00'	S 83°36'43" W	94.82'
C3	127.50'	N 72°35'48" W	20.05'
C4	127.50'	N 34°06'08" E	92.25'
C5	100.00'	N 43°43'30" E	40.17'
C8	22.50'	S 26°37'12" W	4.38'
C9	22.50'	S 29°02'30" E	21.69'
C10	22.50'	S 73°06'07" E	11.83'
C11	22.50'	N 51°18'11" E	14.77'
C12	22.50'	S 12°51'40" E	31.82'
C13	372.50'	N 32°11'45" E	0.74'
C14	22.50'	N 77°08'20" E	31.82'
C15	110.00'	S 72°35'48" E	17.30'
C22	22.50'	N 87°39'10" E	11.83'
C23	22.50'	N 26°33'45" E	10.63'
C27	82.50'	N 43°43'30" E	33.14'
C28	22.50'	N 03°39'28" E	21.46'
C29	22.50'	N 51°56'14" W	4.64'
C30	22.50'	S 78°35'50" E	15.93'
C31	22.50'	N 45°48'28" E	10.83'
C32	22.50'	S 12°56'28" W	14.77'
C33	22.50'	S 42°32'14" E	11.83'
C34	22.50'	S 70°44'04" E	10.02'
C35	19.10'	N 64°21'27" E	6.59'
C36	22.50'	N 37°43'28" E	4.38'
C37	22.50'	S 38°27'19" E	14.95'
C38	22.50'	S 17°08'27" W	11.65'
C39	337.50'	S 32°13'57" W	1.10'
C42	82.50'	S 55°40'24" W	1.04'
C44	145.00'	N 71°56'05" W	19.46'
C45	22.50'	N 61°10'22" W	11.35'
C46	22.50'	N 06°14'23" W	14.75'
C49	117.50'	N 55°00'57" E	1.21'
C51	117.50'	N 32°18'10" E	0.67'
C52	22.50'	N 77°08'20" E	31.82'
C53	227.50'	S 32°23'47" W	0.56'
C54	227.50'	S 32°13'57" W	0.74'
C58	227.50'	S 55°00'57" W	2.34'
C59	30.00'	N 25°18'57" W	27.80'
C60	20.00'	N 16°04'59" W	29.01'
C61	20.00'	N 74°46'45" E	27.10'

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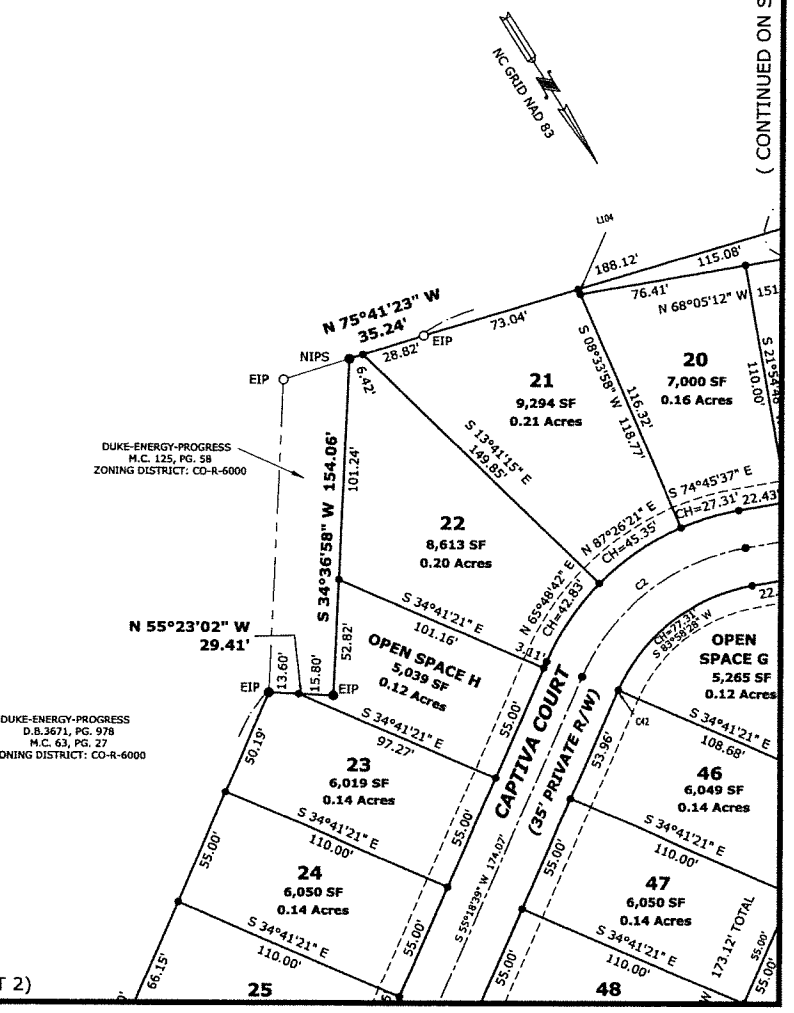
Brunswick County, NC Register of Deeds page 4 of 5



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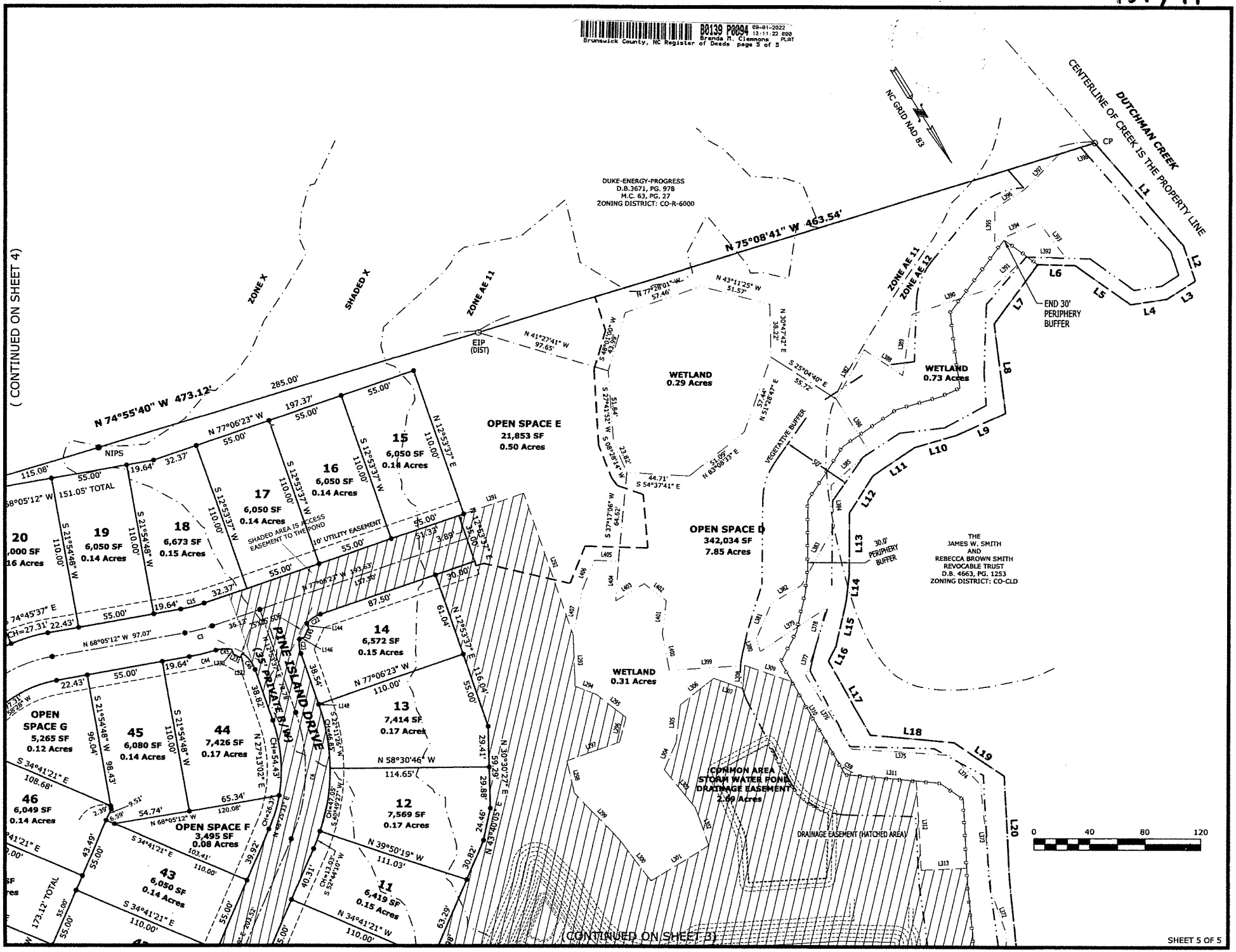
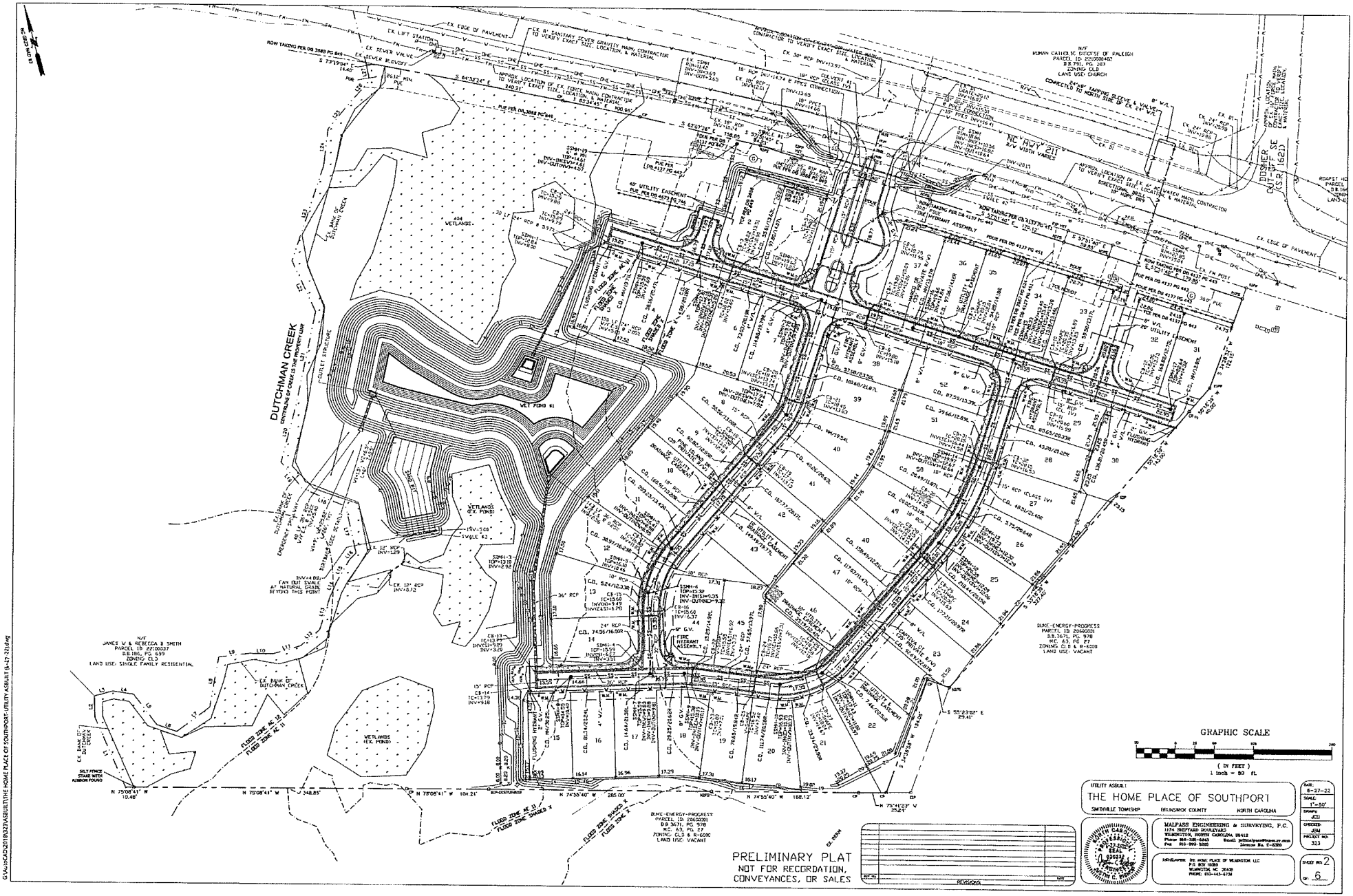
Brunswick County, NC Register of Deeds page 5 of 5 PLAT




DUTCHMAN CREEK
404 WETLANDS
WET POND #1
WETLANDS (EX. POND)
NC HWY 211
VAR WIDTH VARIES
DISHER CUT-OFF SE (SR 1621)
N/F
HUMAN CATHOLIC DIOCESE OF RALEIGH
PARCEL ID 2210500457
D.B.791, PG. 303
ZONING CLD
LAND USE: CHURCH
N/F
JAMES V. & REBECCA B. SMITH
PARCEL ID 2210037
D.B.1196, PG. 699
ZONING CLD
LAND USE: SINGLE FAMILY RESIDENTIAL
DUKE-ENERGY-PROGRESS
PARCEL ID 2060301
D.B.3671, PG. 978
M.C. 63, PG. 27
ZONING CLD & R-6000
LAND USE: VACANT
DUKE-ENERGY-PROGRESS
PARCEL ID 2060301
D.B.3671, PG. 978
M.C. 63, PG. 27
ZONING CLD & R-6000
LAND USE: VACANT
FLOOD ZONE AE 11
FLOOD ZONE SHADED X
FLOOD ZONE X
GRAPHIC SCALE
(IN FEET)
1 inch = 80 ft.
PRELIMINARY PLAT
NOT FOR RECORDATION,
CONVEYANCES, OR SALES
UTILITY ASBUILT
THE HOME PLACE OF SOUTHPORT
SMITHVILLE TOWNSHIP BRUNSWICK COUNTY NORTH CAROLINA
MALPASS ENGINEERING & SURVEYING, P.C.
DEVELOPER:
DATE: 6-27-22
SCALE: 1"=50'
DRAWN: JCG
CHECKED: JSM
PROJECT NO: 323
SHEET NO. 2 OF 6

STATE OF NORTH CAROLINA

COUNTY OF BRUNSWICK AFFIDAVIT

THE HOME PLACE OF WILMINGTON, LLC, a North Carolina LLC, with an office and place of business in New Hanover County, North Carolina, hereinafter referred to as Affiant, being first duly sworn, hereby deposes and says under oath as follows:

1. That it is the owner of certain property located in Smithville Township, Brunswick County, North Carolina, known as THE HOME PLACE OF SOUTHPORT, containing lots numbered 1 thru 52, as more particularly described in a Deed of Dedication in favor of Brunswick County of even date herewith.

2. That it has caused to be installed water distribution lines under and along the road rights-of-way and public utility easements hereinafter described and referenced:

   BEING all of THE HOME PLACE OF SOUTHPORT, as the same appears on a plat thereof recorded in Map Cabinet 139 at Page 90 of the Brunswick County Registry.

3. All the work which has been performed in the construction and installation of said water distribution lines described in paragraph 2, above, has been fully paid for and there are now no liens of any kind including any lien for labor or material against the subdivision property which would in any way jeopardize title of Affiant to the property in said subdivision nor are there any legal actions pending against Affiant or any contractor arising out of any work performed in said subdivision or the water lines installed therein which would in any way jeopardize title to the subdivision or the water distribution lines located therein.

IN WITNESS WHEREOF, the Affiant has caused this instrument to be duly executed by its authorized officer(s), this 6th day of September, 2022.

The Home Place of Wilmington, LLC

By: Terrance S. Ando

T. Ando Construction and Consulting, Inc.,
Managing Member by Terrance S. Ando,
President

STATE OF NORTH CAROLINA
COUNTY OF BRUNSWICK

Signed and sworn to (or affirmed) before me this day by Terrance S. Ando.

Date: Sept. 6, 2022

GEORGETTE LOTT GADDY
NOTARY PUBLIC
NEW HANOVER COUNTY, NC
My Commission Expires 1-18-2026

Georgette Lott Gaddy
Signature of Notary Public

Georgette Lott Gaddy
Printed or Typed Name of Notary Public

My Commission Expires: 1.18.2026

139 /90

MAP CABINET 139 PAGE 90 1 OF 5 9-1-22

LEGEND

	PROPERTY LINE
	LINE NOT SURVEYED
	CENTER LINE
	RIGHT OF WAY (R/W or ROW)
	EASEMENT
EIP O	EXISTING IRON PIPE
EIPP O	EXISTING IRON PIPE (PINCHED TOP)
NIPS ●	NEW IRON PIPE SET
●	NEW IRON ROD SET
CP O	COMPUTED POINT
●	NEW MAG NAIL SET
CH =	CHORD
R =	RADIUS
M.C., PG.	MAP CABINET, PAGE
D.B., PG.	DEED BOOK, PAGE
NAD	NORTH AMERICAN DATUM
	FLOOD HAZARD LINE TAKEN FROM FRIS.NC.GOV
	WETLANDS
	DRAINAGE EASEMENT
TCE	TEMPORARY CONSTRUCTION EASEMENT
PDUE	PERMANENT DRAINAGE & UTILITY EASEMENT
SDE	SIGHT DISTANCE EASEMENT (TRIANGLE)
	BUFFER

ENGINEER'S CERTIFICATE OF ROAD CONSTRUCTION

I (WE) HEREBY CERTIFY THAT ALL ROADS AS DEPICTED ON THIS SUBDIVISION PLAT HAVE BEEN DESIGNED AND INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS PER SECTION 6.11.5.B OF THE BRUNSWICK COUNTY UNIFIED DEVELOPMENT ORDINANCE.

Dustin C. Bishop
CERTIFIED PROFESSIONAL ENGINEER
DATE: 8-31-2022
SEAL

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 030232 DUSTIN C. BISHOP

CERTIFICATE OF OWNERSHIP AND DEDICATION

I (WE) HEREBY CERTIFY THAT I AM (WE ARE) THE OWNER(S) OF THE PROPERTY SHOWN AND DESCRIBED HEREON AND THAT I (WE) HEREBY ADOPT THIS PLAN OF SUBDIVISION WITH MY (OUR) FREE CONSENT, ESTABLISH THE MINIMUM BUILDING LINES, AND DEDICATED ALL STREETS, ALLEYS, WALKS, PARKS, DRAINAGE-WAYS, AND OTHER OPEN SPACES TO PUBLIC OR PRIVATE USE AS NOTED. FURTHER, I (WE) CERTIFY THAT THE LAND AS SHOWN HEREON IS WITHIN THE SUBDIVISION REGULATION JURISDICTION OF BRUNSWICK COUNTY.

Terrance S. Ado 8-31-2022
OWNER(S)/DATE

CERTIFICATE OF APPROVAL OF THE DESIGN AND INSTALLATION OF STREETS, UTILITIES, AND OTHER REQUIRED IMPROVEMENTS:

THE UNDERSIGNED HEREBY CERTIFIES THAT THE REQUIRED IMPROVEMENTS (WATER, SEWER AND STORM DRAINAGE), HAVE BEEN INSTALLED IN AN ACCEPTABLE MANNER AND IN ACCORDANCE WITH THE REGULATIONS OF THE BRUNSWICK COUNTY ENGINEERING AND UTILITIES DEPARTMENTS AND ALL REQUIREMENTS OF THE BRUNSWICK COUNTY UNIFIED DEVELOPMENT ORDINANCE.

Terrance S. Ado
DEVELOPER OR AUTHORIZED AGENT
DATE: 8-31-2022

W. Mark Pierce, P.E.
BRUNSWICK COUNTY ENGINEERING DIRECTOR
DATE: 9-1-2022

ELECTRICAL SERVICE CERTIFICATION

I HEREBY CERTIFY THAT ELECTRICAL SERVICE TO ALL LOTS AS DEPICTED ON THIS SUBDIVISION PLAT HAVE BEEN INSTALLED IN ACCORDANCE WITH THE UTILITY PROVIDER'S SPECIFICATIONS PER SECTION 3.3.3.B.16.B OF THE BRUNSWICK COUNTY UNIFIED DEVELOPMENT ORDINANCE

Terrance S. Ado
DEVELOPER OR PROJECT MANAGER
DATE: 8-31-2022

WATER UTILITIES SHALL BE THE RESPONSIBILITY OF BRUNSWICK COUNTY.

W. Mark Pierce, P.E.
DIRECTOR
DATE: 9-1-2022

CERTIFICATION OF DISCLOSURE, 404 WETLANDS

THIS TRACT IS SUBJECT TO 404 WETLANDS.

Terrance S. Ado
OWNER'S SIGNATURE
DATE: 8-31-2022

FIRE CODE ENDORSEMENT

THE UNDERSIGNED HEREBY STATES THAT THE REQUIRED FIRE HYDRANT SYSTEM(S) HAVE BEEN TESTED IN ACCORDANCE WITH NFPA 291 IN ACCEPTABLE MANNER AND SUCH FIRE HYDRANT SYSTEM(S) LOCATED IN ACCORDANCE WITH THE NORTH CAROLINA FIRE PREVENTION CODE

9-1-2022
BRUNSWICK COUNTY FIRE CODE OFFICIAL DATE

THE UNDERSIGNED HEREBY CERTIFIES THIS DOCUMENT/PROJECT HAS BEEN REVIEWED AND APPROVED FOR COMPLIANCE WITH THE BRUNSWICK COUNTY FLOOD DAMAGE PREVENTION ORDINANCE

BRUNSWICK COUNTY FLOODPLAIN ADMINISTRATOR
DATE: 9/1/2022

MAINTENANCE DISCLOSURE CERTIFICATE FOR PRIVATE SUBDIVISION / PD STREETS

I (WE), THE RESPONSIBLE PARTY(IES) OF THE HOME PLACE OF SOUTHPORT HEREBY STATE THAT THE SUBDIVISION STREETS IN THE HOME PLACE OF SOUTHPORT ARE PRIVATE STREETS. THESE ROAD(S) ARE TO BE PRIVATELY MAINTAINED AND SHALL NOT BE MAINTAINED BY THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION, BRUNSWICK COUNTY OR OTHER PUBLIC AGENCY. OWNERSHIP AND MAINTENANCE OF ALL PRIVATE STREETS IN THE AFOREMENTIONED MAJOR SUBDIVISION OR PLANNED DEVELOPMENT ARE THE RESPONSIBILITY OF

Terrance S. Ado 8-31-2022
DEVELOPER OR AUTHORIZED POA REPRESENTATIVE SIGNATURE DATE

ROAD MAINTENANCE AGREEMENT CERTIFICATE

I HEREBY CERTIFY THAT A ROAD MAINTENANCE AGREEMENT SHALL BE RECORDED WITH THE BRUNSWICK COUNTY REGISTER OF DEEDS. THE AGREEMENT SHALL BIND THE OWNERS OF ALL LOTS AND ANY RESIDUAL PARCELS REMAINING AFTER CREATION OF SUCH LOTS TO A ROAD MAINTENANCE AGREEMENT. THESE ROAD(S) ARE TO BE PRIVATE AND SHALL NOT BE MAINTAINED BY THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION OR OTHER PUBLIC AGENCY AND THE MAINTENANCE AND IMPROVEMENTS THEREOF SHALL BE THE MUTUAL OBLIGATION OF THE LANDOWNERS ABUTTING SAID ROADS

Terrance S. Ado
OWNER(S) OR AUTHORIZED AGENT SIGNATURE(S)
DATE: 8-31-2022

CERTIFICATE OF DISCLOSURE - BRUNSWICK COUNTY FLOOD PLAIN MANAGEMENT REGULATIONS:

I (WE) HEREBY CERTIFY THAT PRIOR TO ENTERING ANY AGREEMENT OR ANY CONVEYANCE WITH A PROSPECTIVE BUYER, I (WE) SHALL PREPARE AND SIGN, AND THE BUYER OF THE SUBJECT REAL ESTATE SHALL RECEIVE AND SIGN A STATEMENT WHICH FULLY AND ACCURATELY DISCLOSES THAT THE SUBJECT REAL ESTATE, OR PORTION OF THE SUBJECT REAL ESTATE, IS LOCATED WITHIN A FLOOD HAZARD AREA AND THAT THE BUYER MUST SATISFY THE REQUIREMENTS OF BRUNSWICK COUNTY FLOOD PLAIN MANAGEMENT REGULATIONS PRIOR TO THE ISSUANCE OF BUILDING PERMITS.

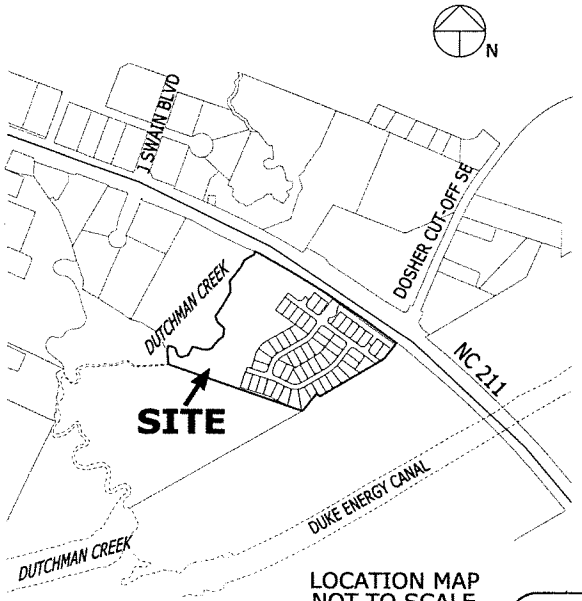
Terrance S. Ado 8-31-2022
OWNER'S SIGNATURE DATE
THE HOME PLACE OF WILMINGTON, LLC

SEWER UTILITIES SHALL BE THE RESPONSIBILITY OF SOUTHEAST BRUNSWICK SANITARY DISTRICT (SBSD).

Bryan McKee
DIRECTOR
DATE: 9/1/22

NOTES:
- PARCELS: 22100032, 22100033, 22100034, 2210035, 2210003301, 2210003501, 2210003502.
- ALL DISTANCES ARE HORIZONTAL GROUND IN FEET UNLESS OTHERWISE NOTED.
- ZONING: CLD
- BOUNDARY AREA: 19.50 ACRES INCLUDING DUTCHMAN ROAD RIGHT-OF-WAY.
- AREA COMPUTED BY COORDINATED METHOD.
- PROPERTY IS SUBJECT TO ALL ZONING AND PLANNING REGULATIONS OF BRUNSWICK COUNTY.
- THIS MAP WAS DRAWN WITHOUT THE BENEFIT OF A COMPLETE TITLE SEARCH. THE OWNERSHIP INFORMATION WAS OBTAINED FROM THE TAX RECORDS OF THE COUNTY REGISTRY.
-ALL PRIVATE ROAD RIGHT-OF-WAYS ARE ALSO PUBLIC UTILITY EASEMENTS.
-PER SOUTHEAST BRUNSWICK SANITARY DISTRICT (SBSD) SEWER BACKWATER VALVES SHALL BE INSTALLED AS REQUIRED BY THE NC PLUMBING CODE; SBSD WILL NOT BE RESPONSIBLE FOR SEWER BACK-UPS INTO HOMES.
-0.95 ACRES OF USEABLE RECREATION SPACE CAN BE SPREAD OUT AMONG THE OPEN AREAS D, E, F, G AND H.

"WET POND #1 SHALL BE MAINTAINED AS DESCRIBED IN THE OPERATION & MAINTENANCE AGREEMENT."



LOCATION MAP
NOT TO SCALE

APPROVED
Planned Development/Major Subdivision/ Master Site Plan
case: PD-36
M. Pages
Planning Director or Designee
Date: 9/1/22

APPROVED
PLANNED UNIT DEVELOPMENT
SEAL
CLERK, PLANNING DEPARTMENT
DATE:

B0139 P0090 09-01-2022 13:11:22.000
Brenda M. Clemmons PLAT
Brunswick County, NC Register of Deeds page 1 of 5

I, STEVEN L. BUIE, CERTIFY:

THAT THE SURVEY CREATES A SUBDIVISION OF LAND WITHIN THE AREA OF A COUNTY OR MUNICIPALITY THAT HAS AN ORDINANCE THAT REGULATES PARCELS OF LAND;

I, STEVEN L. BUIE, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION; THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND IN (SEE TITLE REFERENCES); THAT THE RATIO OF PRECISION OR POSITIONAL ACCURACY AS CALCULATED IS 1:10,000+; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 47-30 AS AMENDED. WITNESS MY ORIGINAL SIGNATURE, LICENSE NUMBER AND SEAL THIS 31st DAY OF AUGUST, 2022.

Steven L. Buie
STEVEN L. BUIE, PLS L-3402

NORTH CAROLINA PROFESSIONAL SEAL L-3402 SURVEYOR STEVEN L. BUIE

REVIEW OFFICER'S CERTIFICATE

I, M. Pages
REVIEW OFFICER OF BRUNSWICK COUNTY, N.C. CERTIFY THAT THE MAP TO WHICH THIS CERTIFICATE IS AFFIXED MEETS ALL STATUTORY REQUIREMENTS FOR RECORDING.

9/1/22 M. Pages
DATE MAP REVIEW OFFICER

CERTIFICATE OF REGISTRATION BY REGISTER OF DEEDS
BRUNSWICK COUNTY
NORTH CAROLINA
FILED FOR REGISTRATION ON THE ____ DAY OF _____, 2022 AT _____ A.M./P.M.
AND DULY RECORDED IN MAP BOOK _____ AT PAGE, _____

BRENDA M. CLEMMONS
REGISTER OF DEEDS

OWNER OF RECORD:
THE HOME PLACE OF WILMINGTON, LLC
P.O. BOX 4232
WILMINGTON, NC 28406-1232

FINAL PLAT
FOR
THE HOME PLACE OF SOUTHPORT

NC 211, SOUTHPORT
SMITHVILLE TOWNSHIP
BRUNSWICK COUNTY, NORTH CAROLINA 28461
SCALE 1"= 40' DATE: AUGUST 31, 2022

0 40 80 120

PORT CITY LAND SURVEYING, PLLC
FIRM LICENSE No. P-1493
1144 SHIPYARD BOULEVARD
WILMINGTON, NORTH CAROLINA 28412
(910) 791-0080

PROJECT: 20-0268
CAD: MED, SLB
SHEET 1 OF 5

MAP CABINET 139 PAGE 91 2 of 5 9-1-22 JH

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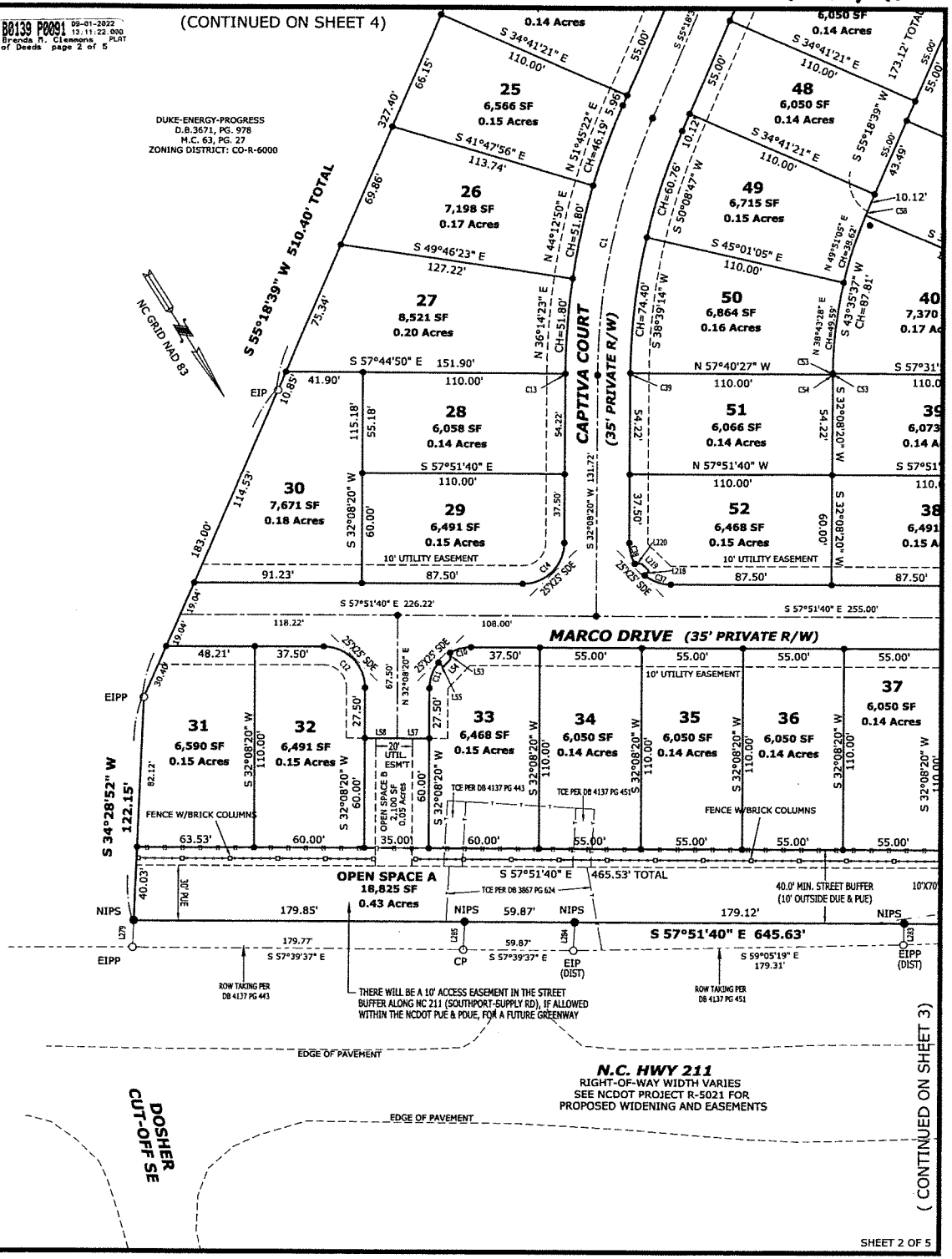
Brenda M. Clemmons PLAT
Brunswick County, NC Register of Deeds page 2 of 5

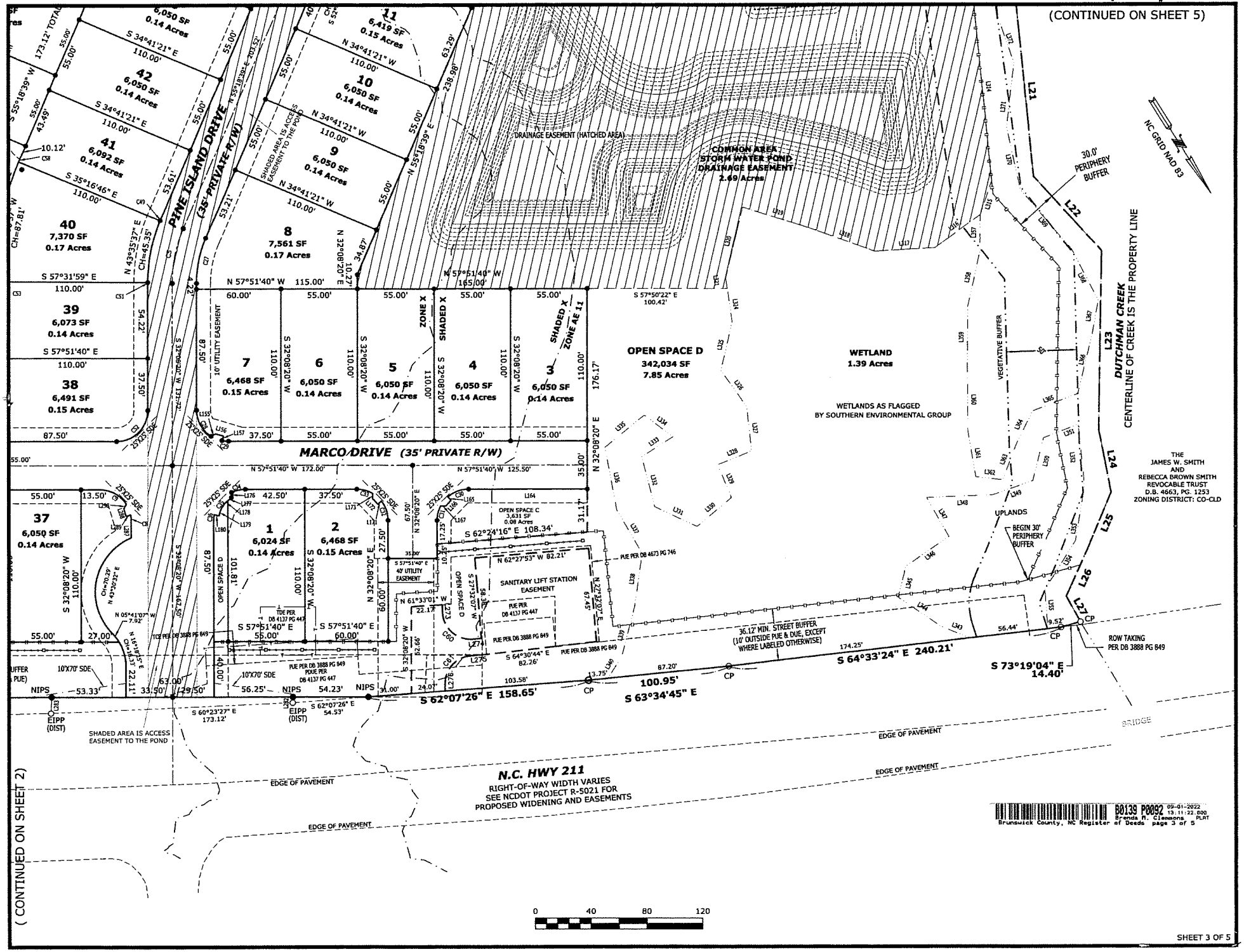
(CONTINUED ON SHEET 4)



(CONTINUED ON SHEET 3)

MAP CABINET 139 PAGE 92 3 of 5 9-1-22 JH

139 / 92



(CONTINUED ON SHEET 2)

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Brenda N. Clemmons PLAT
Brunswick County, NC Register of Deeds page 3 of 5

MAP CABINET 139 PAGE 93 4 of 5 9-1-22

LINE	BEARING	DISTANCE
L1	N 08°54'12" W	97.89'
L2	N 13°14'52" E	26.68'
L3	N 89°10'00" E	24.35'
L4	S 66°42'14" E	26.44'
L5	S 23°49'53" E	48.88'
L6	S 54°17'11" E	76.88'
L7	N 68°08'53" E	52.84'
L8	N 24°45'38" E	65.20'
L9	S 82°40'52" E	38.47'
L10	S 74°29'52" E	31.10'
L11	N 87°48'41" E	36.27'
L12	N 64°28'29" E	32.31'
L13	N 72°10'35" E	44.08'
L14	N 38°25'10" E	19.95'
L15	N 44°40'54" E	33.72'
L16	N 58°52'35" E	11.97'
L17	N 02°17'10" E	61.40'
L18	N 52°55'04" W	60.76'
L19	N 23°53'52" W	43.10'
L20	N 29°08'18" E	77.08'
L21	N 26°20'21" E	121.87'
L22	N 10°08'34" W	72.16'
L23	N 33°02'32" E	128.79'
L24	N 21°07'27" E	46.55'
L25	N 54°32'12" E	44.72'
L26	N 56°19'56" E	37.06'
L27	N 09°32'44" E	21.14'
L28	N 03°47'09" E	2.39'
L29	S 64°33'24" E	15.13'
L30	S 62°07'28" E	54.57'
L31	S 60°23'27" E	173.12'
L32	S 59°05'19" E	179.31'
L33	S 57°39'33" E	59.87'
L34	S 57°39'33" E	179.77'
L35	S 34°28'52" W	14.71'
L36	S 60°23'27" E	85.68'
L37	S 60°23'27" E	87.64'
L38	S 34°18'20" W	4.06'
L39	S 34°42'48" W	11.71'
L40	S 34°36'58" W	15.55'
L41	S 34°43'15" W	15.34'
L42	S 32°08'20" W	22.11'
L43	S 32°08'20" W	12.33'
L44	S 74°07'56" E	3.41'
L45	S 15°52'04" W	5.69'
L46	S 61°40'22" W	3.65'
L47	N 29°45'44" E	3.65'
L48	N 75°34'02" E	5.69'
L49	S 14°25'58" E	3.41'
L50	S 57°51'40" E	17.50'
L51	S 57°51'40" E	85.50'
L52	N 14°25'58" W	3.41'
L53	N 75°34'02" E	5.69'
L54	S 14°25'58" E	3.41'
L55	S 57°51'40" E	17.50'
L56	N 40°54'48" W	5.69'
L57	N 49°05'12" E	3.41'
L58	S 57°51'40" E	85.50'
L59	S 77°52'24" E	3.65'
L60	N 12°53'37" E	0.24'
L61	N 86°43'06" W	3.65'
L62	N 40°54'48" W	5.69'
L63	N 49°05'12" E	3.41'
L64	S 57°51'40" E	85.50'
L65	N 14°25'58" W	3.41'
L66	N 75°34'02" E	5.69'
L67	S 58°37'41" E	3.65'
L68	N 78°42'38" E	3.41'
L69	S 11°17'22" E	5.69'
L70	S 34°30'56" W	3.65'
L71	N 34°29'59" E	3.65'
L72	N 80°18'16" E	3.46'
L73	N 80°18'16" E	2.23'
L74	N 48°24'34" E	4.00'
L75	S 41°35'25" E	3.41'
L76	S 76°02'01" W	3.41'
L77	S 13°56'59" E	5.69'
L78	S 59°45'17" E	3.65'
L79	N 15°19'56" E	3.65'
L80	N 30°28'22" W	5.69'
L81	S 59°31'38" W	3.41'
L82	S 55°18'39" W	10.12'
L83	S 34°41'21" E	6.59'
L273	N 30°24'34" E	5.48'
L274	N 62°34'31" W	6.24'
L275	S 62°34'31" E	8.86'
L276	N 32°08'20" E	5.39'
L291	N 77°06'23" W	45.91'
L292	N 12°53'37" E	108.85'
L293	N 29°45'31" E	37.07'
L294	N 36°45'47" W	16.85'
L295	N 19°55'14" W	26.48'
L296	N 47°13'11" E	18.40'
L297	S 77°44'34" E	39.95'
L298	N 19°22'03" E	23.76'
L299	N 10°47'18" W	49.78'
L300	N 05°18'41" W	35.09'
L301	N 89°49'03" W	48.69'
L302	S 13°14'34" W	29.82'
L303	S 07°02'30" E	35.23'
L304	S 55°08'33" W	21.60'
L305	S 38°27'23" W	27.33'
L306	S 83°45'34" W	30.42'

LINE	BEARING	DISTANCE
L307	N 38°58'09" W	22.28'
L308	S 37°29'47" W	16.59'
L309	N 39°07'38" W	35.79'
L310	N 02°17'10" E	61.40'
L311	N 52°55'04" W	36.18'
L312	N 28°57'55" E	65.39'
L313	N 60°51'42" W	32.74'
L314	N 26°35'21" E	134.62'
L315	N 59°34'06" E	25.76'
L316	N 85°59'07" E	40.31'
L317	S 61°07'25" E	43.47'
L318	S 38°03'45" E	48.97'
L319	S 40°21'52" E	51.21'
L320	N 45°33'40" E	52.41'
L321	N 23°45'52" E	7.60'
L324	N 23°45'52" E	24.27'
L325	N 44°53'26" E	36.28'
L326	N 03°16'26" W	31.94'
L327	N 25°42'18" E	32.29'
L328	S 79°51'08" E	26.48'
L329	N 09°31'40" E	25.75'
L330	N 81°40'03" E	32.36'
L331	S 32°32'57" E	33.70'
L332	S 17°39'10" W	37.32'
L333	S 89°30'15" W	26.81'
L334	S 20°36'23" E	26.03'
L335	N 82°33'03" E	36.78'
L336	N 21°26'16" E	45.97'
L337	N 02°17'03" E	36.53'
L338	N 40°15'57" E	38.09'
L339	N 46°26'42" E	38.13'
L340	N 64°50'38" E	18.45'
L343	S 39°37'33" E	22.26'
L344	S 23°29'25" E	37.03'
L345	S 46°12'10" W	23.14'
L346	S 87°34'52" W	37.67'
L347	S 02°28'33" W	32.55'
L348	N 60°11'58" W	47.27'
L349	N 77°28'36" W	30.53'
L350	S 46°07'58" W	32.05'
L351	N 79°08'13" W	26.55'
L352	N 26°19'02" E	44.89'
L353	N 41°27'05" E	40.17'
L354	N 64°04'58" E	41.41'
L355	N 28°02'09" E	28.46'
L357	N 32°34'41" E	25.90'
L358	N 44°21'26" E	41.15'
L359	N 32°28'28" E	44.30'
L360	N 31°39'44" E	45.92'
L361	N 22°35'38" E	33.27'
L362	N 51°46'01" W	19.28'
L363	S 52°40'37" W	28.14'
L364	S 59°08'28" W	26.09'
L365	N 78°41'53" W	34.67'
L366	S 45°31'17" W	44.23'
L367	S 42°24'04" W	24.56'
L368	S 04°52'52" W	41.49'
L369	S 08°26'23" E	56.20'
L370	S 19°49'22" W	46.66'
L371	S 38°38'34" W	46.01'
L372	S 13°01'25" W	34.68'
L373	S 26°23'11" W	78.31'
L374	S 11°43'38" E	29.10'
L375	S 54°24'30" E	72.73'
L376	S 00°18'32" E	62.34'
L377	S 50°33'25" W	21.32'
L378	S 47°07'20" W	29.69'
L379	N 88°18'02" E	56.57'
L380	S 15°33'45" W	9.87'
L381	S 54°58'26" W	37.35'
L382	S 89°52'50" W	25.41'
L383	S 61°04'42" W	48.93'
L384	S 26°58'55" W	29.65'
L385	S 80°04'15" W	37.09'
L386	S 00°13'52" E	44.89'
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L389	S 40°27'31" W	44.79'
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L391	S 79°22'28" W	32.57'
L392	N 57°22'08" W	28.40'
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L394	S 81°28'49" E	34.72'
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L397	S 76°28'15" W	35.91'
L398	N 75°08'41" W	26.26'
L399	S 61°42'16" E	54.61'
L400	S 21°20'48" W	26.95'
L401	S 38°34'07" W	24.16'
L402	S 19°48'40" E	20.22'
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L404	S 36°01'33" W	29.00'
L405	S 56°37'24" E	17.33'
L406	N 53°54'56" E	23.14'
L407	N 43°27'57" E	33.39'

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C2	100.00'	S 83°36'43" W	94.82'
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C4	127.50'	N 34°06'08" E	92.25'
C5	100.00'	N 43°41'30" E	40.17'
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C9	22.50'	S 29°02'30" E	21.69'
C10	22.50'	S 73°06'07" E	11.83'
C11	22.50'	N 51°18'11" E	14.77'
C12	22.50'	S 12°51'40" E	31.82'
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C22	22.50'	N 87°39'10" E	11.83'
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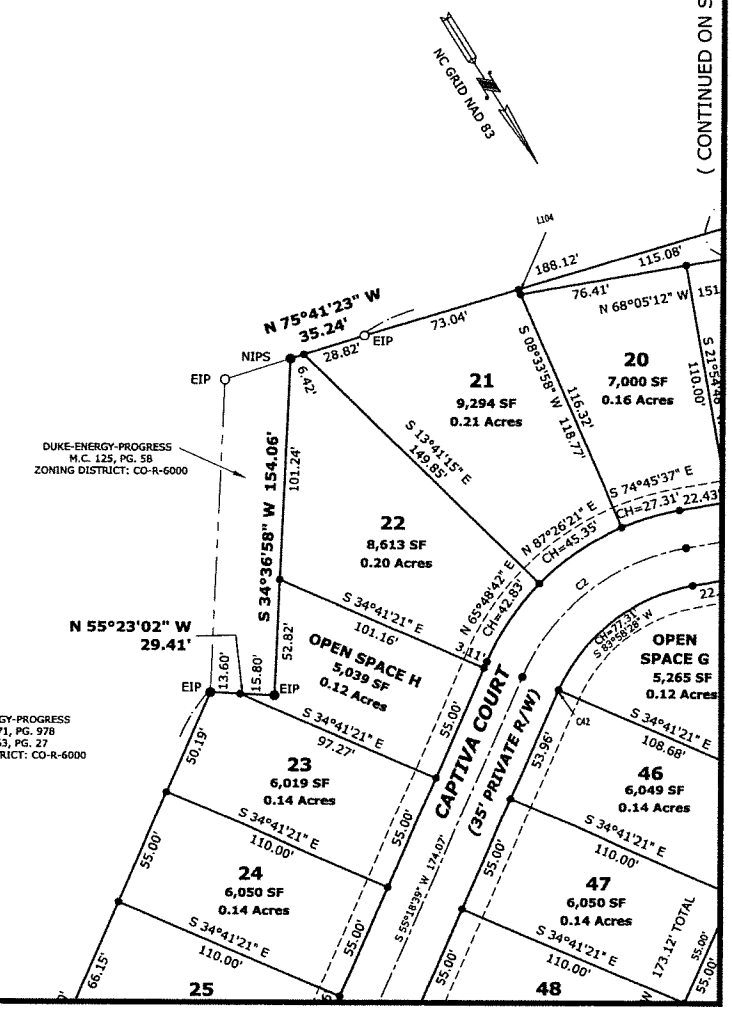
Brunswick County, NC Register of Deeds page 4 of 5
Brenda M. Clemmons PLAT



(CONTINUED ON SHEET 5)

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139 / 94

9-1-22 JH

MAP CABINET 139 PAGE 94 5 of 5

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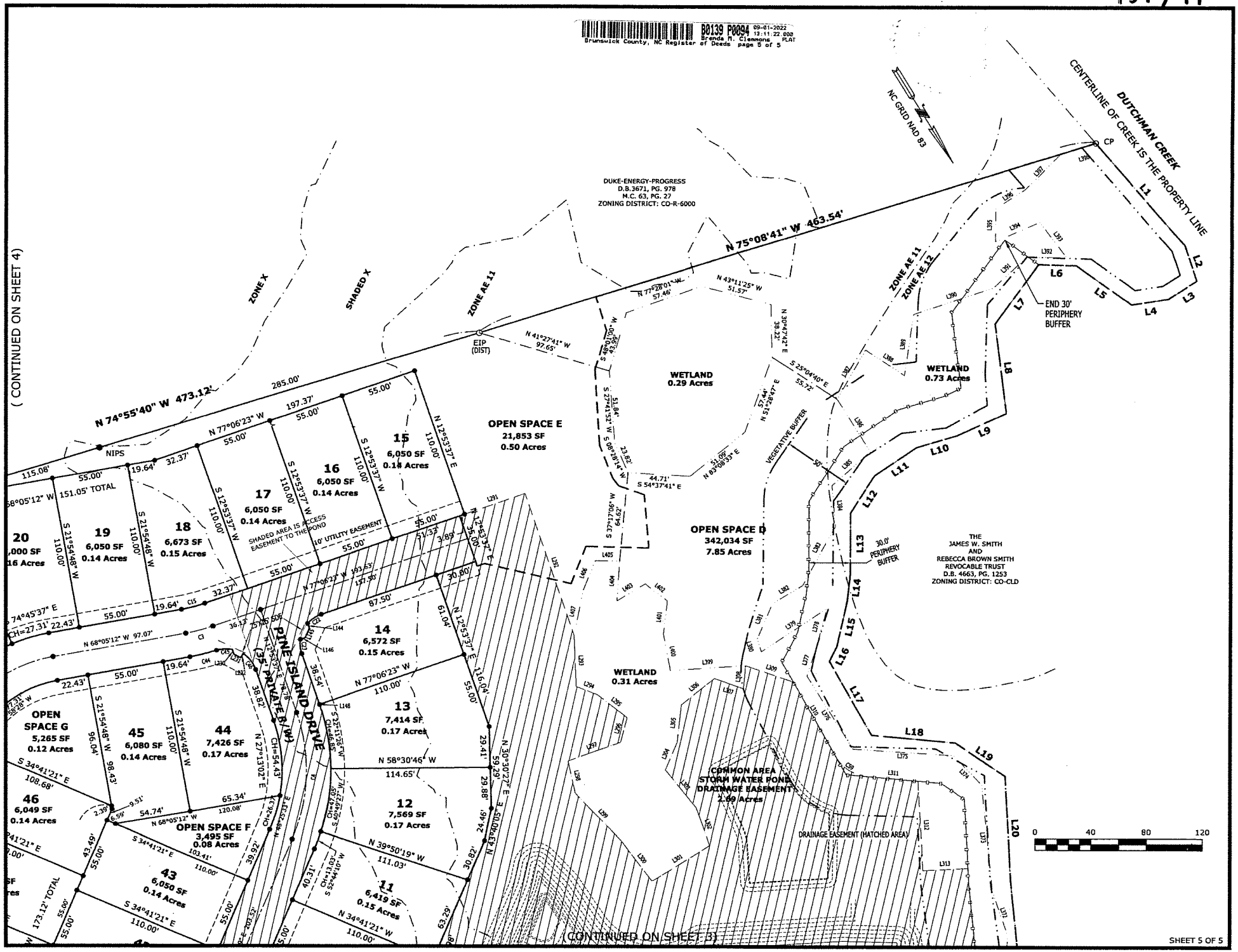
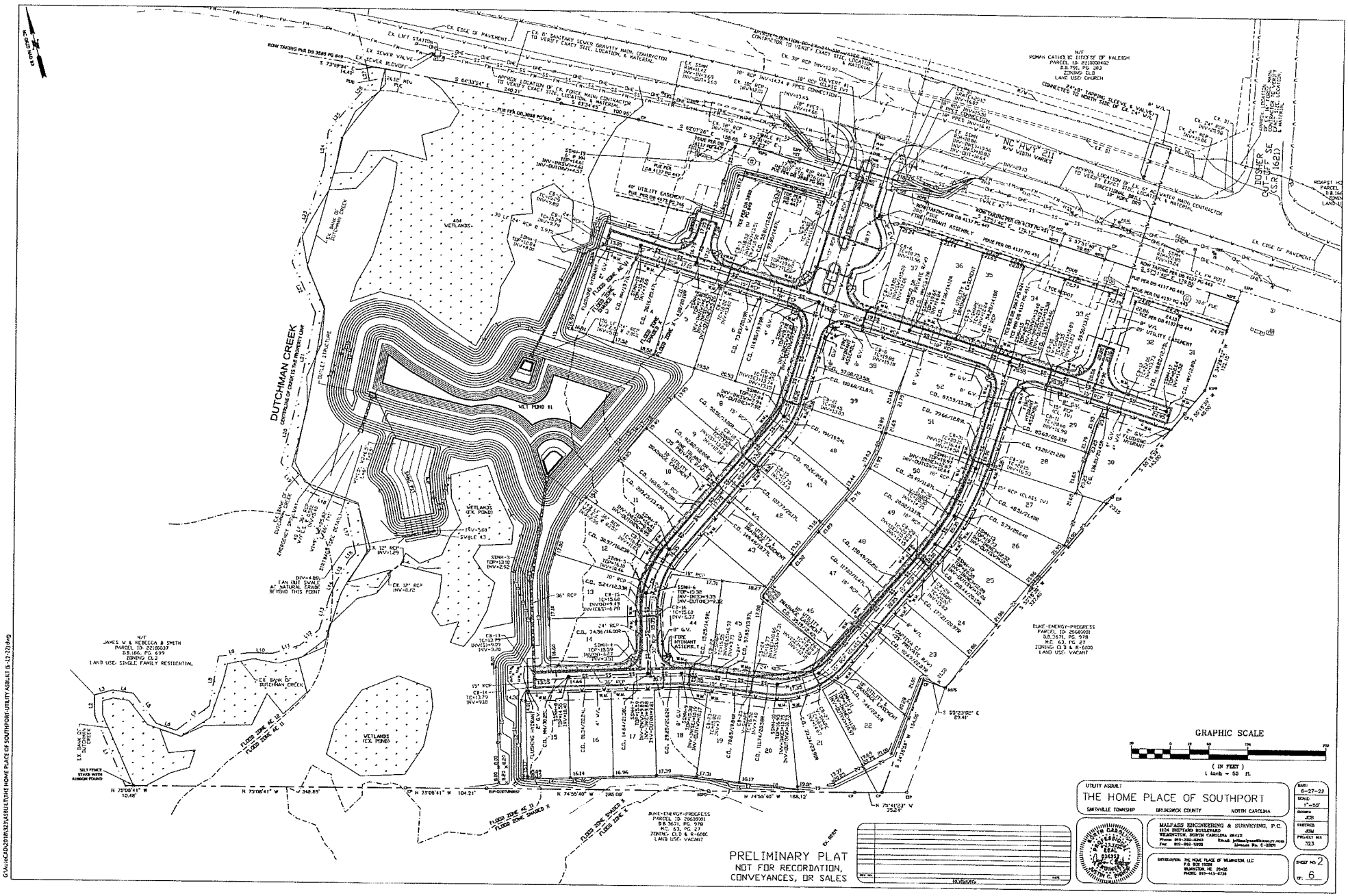
Brunswick County, NC Register of Deeds page 5 of 5




DUTCHMAN CREEK
CENTERLINE OF CREEK IS THE PROPERTY LINE
WET POND #1
404 WETLANDS
WETLANDS (EX. POND)
NC HWY 211
VARIES
DOSHER CUT-OFF SE (S.R. 1621)
EX. EDGE OF PAVEMENT
EX. BANK OF DUTCHMAN CREEK
FLOOD ZONE AE
FLOOD ZONE X
PRELIMINARY PLAT
NOT FOR RECORDATION, CONVEYANCES, OR SALES
GRAPHIC SCALE
(IN FEET)
1 inch = 50 ft.
UTILITY ASSBUILT
THE HOME PLACE OF SOUTHPORT
SMITHVILLE TOWNSHIP
BRUNSWICK COUNTY
NORTH CAROLINA
MALPASS ENGINEERING & SURVEYING, P.C.
1134 SHIPYARD BOULEVARD
WILMINGTON, NORTH CAROLINA 28412
DEVELOPER: THE HOME PLACE OF WILMINGTON, LLC
P.O. BOX 19208
WILMINGTON, NC 28420
PHONE: 919-443-6726
DATE: 6-27-22
SCALE: 1"=50'
DRAWN: JSS
CHECKED: WM
PROJECT NO: 323
SHEET NO. 2
OF: 6

Brunswick County Board of Commissioners
ACTION AGENDA ITEM
September 19, 2022

Action Item # V. - 6.
Finance - Fiscal Items

From:
Aaron Smith

Issue/Action Requested:
Request that the Board of Commissioners approve Budget Amendments, Capital Project Ordinances, and Fiscal Items of a routine nature on the consent agenda.

- DSS Temp Positions
Reallocate DHHS revenues provided to counties to cover a portion of the County's share of administering the FNS program approved at the 11/1/21 board meeting. Funding received was originally used to create four (4) temporary positions to assist with processing Medicaid applications and Medicaid recertifications due to the doubling of Medicaid caseloads at the time. The remaining funds of $114,922 from FY 2022 have been rolled forward as a continuing grant project that will be reallocated to the FNS program due to the workload increases. No budget amendment is required.

Background/Purpose of Request:

Fiscal Impact:
Reviewed By Director of Fiscal Operations

Approved By County Attorney:
Not Applicable

County Manager's Recommendation:

Recommend that the Board of Commissioners approve Budget Amendments, Capital Project Ordinances, and Fiscal Items of a routine nature on the consent agenda.

Brunswick County Board of Commissioners
ACTION AGENDA ITEM
September 19, 2022

Action Item # V. - 7.
Health and Human Services - Public Housing: Payment Standards

From:
Catherine Lytch, DSS Director

Issue/Action Requested:
Request that the Board of Commissioners approve the Public Housing Payment Standard Plan.

Background/Purpose of Request:
Each year, Housing and Urban Development (HUD) issue Fair Market Rents (FMR) per area, as defined by the Office of Management and Budget. Subsequently, each housing agency is required to use the published FMRs to establish payment standards that are between 90% and 110% of the FMR.
In 2014, Public Housing staff recommended a decrease in the subsidy and payment standards to increase program utilization and assist more families with the same HUD funding. Staff believed that changing the payment standards would add another twelve to twenty units, ultimately helping to reduce the existing waiting list for Public Housing Services.
Thus, in May 2014, the Board approved the request and changed the payment standards from 100% of the FMR for all units to 100% for efficiency and one-bedroom apartments and 90% for two or more bedrooms.
Staff continually monitor local rental rates, utilization of the program, and barriers. December 2018, staff requested the Board of Commissioners approve the payment standard change for two-bedroom apartments from 90% to 100% of the FMR. At that time the average rent for a two-bedroom unit was $800 per month, however, the 2019 FMR was $767. The lower standard was preventing households from securing safe and affordable housing.
Rental rates in Brunswick County have continued to increase making it difficult for families to find safe, affordable housing. May 2020, staff requested the Board to approve an increase of the subsidy and payment standards from 100% to 110% of the HUD Fair Market Rent for efficiency and one-bedroom units in the Housing Choice Voucher Program.
October 2021, the Board approved the staff's request to change the payment standard for three or bedroom units from 90% to 100% of the FMR. As of that date, Brunswick County's HCV payment standards for the Housing Choice Voucher program are 110% of the FMR for efficiency and one-bedroom units and 100% of the FMR for two or more-bedroom units.
HUD published the 2022 FMR and, although the FMR has increased, the discrepancy between the FMR and rental rates in Brunswick County continues to create a situation in which many families are unable to use their Housing Choice Voucher. Additionally, this disparity is negatively impacting the Public Housing Agency's lease-up rate.
To ensure families issued a Housing Choice Voucher can lease up, the PHA recommends increasing the payment standards for all units to 110% of the FMR. Additionally, staff request approval to adjust the payment standards that are between 90% and 110% for the fair market rents as needed to meet the needs of participants.
Staff recommends approval of the Public Housing Payment Standard Plan.

Fiscal Impact:
Reviewed By Director of Fiscal Operations

Approved By County Attorney:

Yes

Advisory Board Recommendation:
The Health and Human Services Advisory Board reviewed the subsidy payment standard changes on August 22, 2022 and recommends that the changes are approved by the Board of Commissioners.

County Manager's Recommendation:
Recommend that the Board of Commissioners approve the Public Housing Payment Standard Plan.

ATTACHMENTS:

	Description
🗋	Payment Standard Chart

Brunswick County
Public Housing Fair Market Rent

	Efficiency	One-Bedroom	Two-Bedroom	Three-Bedroom	Four-Bedroom
HUD Published Fair Market Rent	$786	$813	$926	$1315	$1585
Current Payment Standard	$864 (110%)	$894 (110%)	$926 (100%)	$1315 (100%)	$1585 (100%)
Proposed New Payment Standard	$864 (110%)	$894 (110%)	$1018 (110%)	$1446 (110%)	$1743 (110%)

Brunswick County Board of Commissioners

ACTION AGENDA ITEM

September 19, 2022

Action Item # V. - 8.

From:
Catherine Lytch, DSS Director

Health and Human Services - Social Services - ESSA Plan

Issue/Action Requested:
Request the Board of Commissioners review and approve the Every Student Succeeds Act (ESSA) agreement between the Department of Social Services and Brunswick County Board of Education.

Background/Purpose of Request:
Children in foster care are often a vulnerable and highly mobile student population. More than half of the children in foster care in North Carolina are in elementary or secondary schools. Children in foster care experience much higher levels of residential and school instability than their peers and experience significantly more unscheduled school placement changes and are much more likely than their peers to struggle academically and to fall behind in school.

Fostering Connections, the first federal law addressing the importance of educational stability for children in foster care requires Child Welfare Agencies (CWAs) to create a plan for ensuring the educational stability of each child while in foster care. The CWA must make assurances that the child's foster care placement takes into account the appropriateness of the current educational setting and the proximity of that placement to the school of origin.

Fostering Connections further requires CWAs to coordinate with local educational agencies (LEAs) to ensure that a child in foster care remains in his or her school of origin unless it is not in the child's best interest to do so.

If remaining in the school of origin is not in the child's best interest, Fostering Connections provides that the child be immediately enrolled in a new school and records be promptly transferred to the new school.

ESSA reauthorized the 1965 Elementary and Secondary Education Act (ESEA) and includes new provisions that promote educational stability for children in foster care. These provisions, which took effect on December 10, 2016, complement those in Fostering Connections and require state educational agencies (SEAs) and LEAs to work with CWAs to ensure the educational stability of children in foster care. ESSA does not create new legal requirements for child welfare agencies; rather it mirrors and enhances the responsibilities of CWAs under Fostering Connections and creates joint agency responsibility and continuous collaboration.

ESSA requires SEAs to include in their state plans the steps that the agencies will take to ensure school stability for children in foster care, including assurances that children enroll or remain in their school of origin unless a determination is made that it is not in their best interest. That determination must be based on all factors relating to the child's best interest including consideration of the appropriateness of the current educational setting and the proximity to the school in which the child is enrolled at the time of the foster care placement.

Under ESSA, state education plans must now include the steps the state will take to ensure that when a school

change is warranted, a child in foster care can enroll immediately in a new school even if the child cannot produce normally required enrollment documents and school records. Additionally, enrolling schools must immediately contact the school last attended by the child to obtain relevant academic and other education records. LEAs and CWAs must collaborate and under ESSA, LEAs must include in their local plans assurances that they have developed and implemented clear written procedures governing how transportation to ensure school stability will be provided, arranged, and funded for the duration of the child's time in foster care in a cost-effective way.

The plan developed by the Brunswick County Department of Social Services and Brunswick County Schools is attached for review and approval. Staff recommends approval of the ESSA agreement.

Fiscal Impact:
Reviewed By Director of Fiscal Operations

Approved By County Attorney:
Yes

County Manager's Recommendation:
Recommend the Board of Commissioners review and approve the Every Student Succeeds Act (ESSA) agreement between the Department of Social Services and Brunswick County Board of Education.

ATTACHMENTS:

	Description
🗋	ESSA FY 22-23

___ Board Presentation
___ Report to the Board
X Consent Agenda
___ Action Agenda
___ Discussion Agenda
___ Confidential Agenda
___ Information Item
___ Announcement

To: **Dr. Jerry Oates, Superintendent**

From: **Meredith Lloyd, School Counselor Specialist**

Date: **July 19, 2022**

Re: **Interagency Agreement - ESSA Transportation Plan**

Background Information:

The Every Student Succeeds Act (ESSA) requires the Public School Units (PSU), in collaboration with the Local Child Welfare Agency (CWA), to ensure transportation procedures are in place that outline the arrangement and funding of transportation when needed for children in Foster Care. The Every Student Succeeds Act requires the PSU and CWA agencies *develop and implement clear written procedures governing how transportation to maintain children in foster care in their school of origin when in their best interest will be provided, arranged, and funded for the duration of the time in foster care.* The agreement is designed to outline the funding responsibilities for additional costs incurred in transporting students.

Current Status:

Children and youth in foster care experience higher levels of home and school instability than their peers. The Every Student Succeeds Act seeks to reduce potential instability by requiring the Public School Unit and Local Child Welfare Agency promptly address transportation needs for students in Foster Care. The agreement currently exists to identify agency contacts, notification expectations for Best Interest Determination meetings, the provision of transportation services, and a dispute resolution process.

Recommendation:

Revisions to the previous agreement included the agency contact information.
It is recommended that the agreement be approved with the current revisions in order to effectively continue the ESSA transportation requirements for students in Foster Care.

INTERAGENCY AGREEMENT – SY22-23
Transportation Plan to Ensure School Stability for Students in Foster Care

Parties to the Agreement:
Public School Unit (PSU): Brunswick County Board of Education

- ESSA Point of Contact: **Meredith Lloyd 910-782-5065**
- Transportation Office Contact: **Lloyd Willis 910-756-6998**
- Other: **Sherri Graham 910-756-6998**

Local Child Welfare Agency (CWA): Brunswick County Department of Social Services (Names may change)

- ESSA Point of Contact: **Naomie Kent 910-253-2105, Jacki Johnson 910-253-2112, & George Woodward 910-253-2126**
- Child Welfare Agency Director **Catherine Lytch 910-253-2113**
- Other: **Heather Patterson 910-253-2080 or Richard Ohmer 910-253-2195**

Notification to PSU of Best Interest Decision and Identifying Students Who Need Transportation

Identification of Students in Foster Care: The CWA will identify for the PSU when a child is attending or is to be enrolled at the PSU and is placed in foster care or changes a living placement while in foster care.

Request to Participate in Best Interest Determination: The CWA notifies the PSU immediately upon learning that a student attending the PSU has been placed in care or will be moved to a new home placement that is located outside the PSU attendance area and a best interest decision must be made.

CWA will provide enrollment form to ESSA point of contact within one (1) day of placement or placement change for a child in foster care.

- Email the PSU TEAM (Meredith Lloyd, Lloyd Willis & Sherri Graham) and deliver Foster Care Notification of Placement Change Form (DSS 5133) to Meredith Lloyd at the Board of Education Building within 24 hours of custody or change in placement.
- The CWA will schedule and notify the PSU of the Best Interest Determination Meeting within three (3) working days, unless policy exception applies.
- If policy exception applies, CWA will inform PSU that BID exception applies.

Notice of Final Best Interest Decision: If the team decides at the BID meeting that it is in a student's best interest to remain in his/her school of origin after changing foster care placement to a residence outside the home school district, the CWA and the PSU will collaborate under the agreement terms and procedures to establish the most safe and efficient transportation procedures available for the student.

Definitions and Scope
The parties agree to the following definitions as part of this agreement:

- PPAT – Permanency Planning Action Team
- BID – Best Interest Determination
- POC – Point of Contact
- ES – Educational Services
- SOC - School of Origin
- ESSA – Every Student Succeeds Act

Duration of Transportation

1. Transportation will be provided for the duration of the child's time in foster care as long as it continues to be in the child's best interest.
2. If a child exits foster care before the end of a school year, the transportation arrangement will be maintained through the end of the school year or school break to maintain the child's educational stability if it is decided that it is in the child's best interest.

Preschool Students within the PSU

Transportation needs of preschool students within the PSU will be addressed as follows:

- Brunswick County Board of Education only offers the Preschool Program for Exceptional Children's (EC) program.
- Best Interest Determination meeting will be held to determine if child should remain in current preschool site.
- If it is decided that the child should remain in current preschool, CWA will work with foster parents to arrange transportation.
- If foster parent is unable to transport child to and/or from preschool, PSU and CWA will work together to develop a transportation plan.

How Transportation Will Be Provided, Arranged, and Funded

General

1. The PSU will assess whether the child is entitled to transportation services under another entitlement, including experiencing homelessness or as a related service under the Individuals with Disabilities Education Act (IDEA) or Section 504 of the Rehabilitation Act. The PSU will provide transportation funded by the PSU if the student is eligible under the McKinney-Vento Act or the IDEA.
2. The fact that an PSU does not provide transportation for children who are not in foster care does not exempt the PSU from ensuring transportation to the child(ren's) school of origin when in their best interest.
3. The PSU will have 5 business days from the BID meeting to put transportation in place. During those 5 business days, the CWA will provide transportation during the interim.

No- or Low-Cost Options

1. Transportation options will be discussed in the BID meeting. If it is decided that the PSU will transport the child to and from school, Brunswick County Board of Education – Transportation Department will examine existing transportation options available for the student, including incorporating the student into an existing bus route, modifying an existing bus route or other no-or low-cost options.

"Additional Costs"

1. The parties will assess whether the child's transportation expenses may be covered by other state or local funds.
2. If the student is eligible for Title IV-E funds, the CWA will seek reimbursement for the allowable portion of those transportation costs.
3. The CWA will assess whether resources are available for foster parents to provide transportation with mileage reimbursement or other adult ride share to PSU or to a stop on an PSU existing route; provision of bus passes or public transportation vouchers; contract with private transportation service.
4. Other options as identified by the parties.

If remaining costs cannot be addressed above or through other cost-effective solution, one of the following options must be implemented:

___Child welfare agency agrees to pay additional costs.

___PSU agrees to pay additional costs.

_X_The CWA and PSU will share the additional costs in the following way.

Brunswick County Board of Education Transportation Department will pay and provide transportation if CWA is unable to make other arrangements. Brunswick County Schools will submit monthly invoice for half of the monthly transportation cost to Brunswick County Department of Social Services for children in the Department's custody and who are being transported to and from a school outside of their home school district by the PSU.

Once transportation arrangements have been made by the PSU, the PSU transportation coordinator will email DSS Director of the estimated daily miles, rate, and number of school days.

PSU POC will inform CWA POC's once transportation arrangements have been made and start date.

Resolving Disputes

1. If the PSU and CWA cannot resolve a dispute about transportation costs, the following mechanism will be used, and these steps will be taken to ensure prompt School of Origin transportation: PSU will provide transportation if other options are not available.
   * PSU POC and CWA POC will inform DSS Director and School Superintendent or their Designees of the dispute. DSS Director and Superintendent will meet to resolve dispute.
   * If Superintendent and DSS Director are unable to reach an agreement, the issue will be brought before the state to resolve conflict.
     - DSS Director will contact DHHS DSS Director
     - Superintendent will contact North Carolina Department of Public Instruction
2. While a dispute is pending, the PSU must ensure transportation is provided or arranged for the child.

Other Considerations

How Parties Will Coordinate when other School Districts are Involved:

- **Brunswick DSS will collaborate with other school districts to ensure that the child's needs are meet.**

How this Agreement Applies to Other Child Welfare Agencies with Students in the PSU:

PSU will collaborate with CWA who has custody of the child when transportation is needed.

These transportation procedures were agreed to on the following date: July 19, 2022

This instrument has been preaudited in the manner required by the School Budget and Fiscal Control Act.

School Finance Officer

Authorized Signature for Brunswick County Schools _____ (Director of Title I/MTSS)

Authorized Signature for Brunswick County Schools _____ (Foster Care Lead)

Authorized Signature for Brunswick County Department of Social Services _____

Brunswick County Board of Commissioners
ACTION AGENDA ITEM
September 19, 2022

Action Item # V. - 9.
Operation Services - Main Fuel Site Upgrade

From:
Stephanie Lewis, Director of Operation Services

Issue/Action Requested:
Request that the Board of Commissioners approve the contract with MECO, Inc. of Augusta to complete fuel site upgrades at the Main Fuel Site located at 151 Government Center Drive, Bolivia, NC.

Background/Purpose of Request:
Request for Proposals were requested from contractors to upgrade the existing dispensers, add an additional high flow dispenser and an additional 10,000 gallon aboveground storage tank. Proposals were received from four contractors and the best overall proposal and lowest bidder was MECO, Inc. of Augusta with a cost of $302,557.33. Funds are available in 104250 Fleet Services.

Fiscal Impact:
Pre-Audit Certification Required, Reviewed By Director of Fiscal Operations
Funds available in the current budget

Approved By County Attorney:
Yes

County Manager's Recommendation:
Recommend that the Board of Commissioners approve the contract with MECO, Inc. of Augusta to complete fuel site upgrades at the Main Fuel Site located at 151 Government Center Drive, Bolivia, NC.

ATTACHMENTS:

Description

- MECO Services Agreement
- Bid Tabulation

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NORTH CAROLINA

SERVICES AGREEMENT

BRUNSWICK COUNTY

THIS SERVICES AGREEMENT (hereinafter referred to as the "Agreement") is made and entered into by and between Brunswick County, a body politic and corporate of the State of North Carolina, (hereinafter referred to as "County"), party of the first part, and MECO, Inc. of Augusta, a Georgia corporation (hereinafter referred to as "Provider"), party of the second part.

WITNESSETH:

1. SERVICES; FEES

The services to be performed under this Agreement (hereinafter referred to collectively as the "Services" or the "Project") are set forth in the Request for Proposals entitled "Main Fuel Site Upgrade," as published by Brunswick County on June 28, 2022, and any addenda thereto, and in Provider's Proposal dated July 19, 2022, as submitted, all of which are incorporated by reference as if fully set forth herein. The agreed upon fees for said Services are set forth on Exhibit "A" attached hereto.

Any exhibits or attachments referenced herein are hereby incorporated by reference and made a part of this Agreement. Any conflict between the language in an exhibit or attachment and the main body of this Agreement shall be resolved in favor of the main body of this Agreement.

2. TERM OF AGREEMENT AND TERMINATION

The term of this Agreement begins on September 19, 2022 (the "Effective Date") and continues in effect until Project completion, unless sooner terminated as provided herein. The County may terminate this Agreement at any time without cause by giving sixty (60) days' written notice to Provider. As soon as practicable after receipt of a written notice of termination without cause, Provider shall submit a statement to County showing in detail the work performed under this Agreement through the effective date of termination. County may terminate this Agreement for cause by giving written notice of a breach of the Agreement. Provider shall have fifteen (15) days to cure the breach following receipt of the notification. Failure to cure the breach within the fifteen (15) days shall result in the immediate termination of the Agreement. Notwithstanding the foregoing, County may terminate this Agreement immediately and without notice to Provider if Provider becomes insolvent, makes or has made an assignment for the benefit of creditors, is the subject of proceedings in voluntary or involuntary bankruptcy instituted on behalf of or against Provider, or has a receiver or trustee appointed for substantially all of its property, or if Provider allows any final judgment to stand against it unsatisfied for a period of forty-eight (48) hours.

3. NONAPPROPRIATION

If the Board of County Commissioners does not appropriate the funding needed by the County to make payments under this Agreement for a given fiscal year, the County will not be

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obligated to pay amounts due beyond the end of the last fiscal year for which funds were appropriated. In such event, the County will promptly notify the Provider of the non-appropriation and this Agreement will be terminated at the end of the last fiscal year for which funds were appropriated. No act or omission by the County which is attributable to non-appropriation of funds shall constitute a breach of or default under this Agreement.

4. COMPENSATION

The County agrees to pay fees as specified in Exhibit "A" or as set out above for the Services satisfactorily performed in accordance with this Agreement. Unless otherwise specified, Provider shall submit monthly invoices to County and include detail of all Services delivered or performed under the terms of this Agreement. County shall pay all undisputed and properly completed invoices within thirty (30) days of receipt. Notwithstanding the foregoing, County will not pay late fees on any charges under this Agreement. If County disputes any portion of the charges on any invoice received from Provider, the County shall inform Provider in writing of the disputed charges. Once the dispute has been resolved, Provider shall re-invoice County for the previously disputed charges, and, per any resolution between County and Provider, the County shall pay those charges in full at that time. No advance payment shall be made for the Services to be performed by Provider under this Agreement.

5. INDEPENDENT CONTRACTOR

Both County and Provider agree that Provider shall act as an independent contractor and shall not represent itself as an agent or employee of the County for any purpose in the performance of its duties under this Agreement. Provider represents that it has or will secure, at its own expense, all personnel required in performing the Services under this Agreement. Accordingly, Provider shall be responsible for payment of all federal, state and local taxes arising out of its activities in accordance with this Agreement, including, without limitation, federal and state income tax, social security tax, unemployment insurance taxes and any other taxes or business license fees as required. Provider shall not be entitled to participate in any plans, arrangements or distributions by the County pertaining to or in connection with any pension, stock, bonus, profit sharing or other benefit extended to County employees.

In the event the Internal Revenue Service should determine that Provider is, according to Internal Revenue Service guidelines, an employee subject to withholding and social security contributions, then Provider hereby acknowledges that all payments hereunder are gross payments, and the Provider is responsible for all income taxes and social security payments thereon.

6. PROVIDER REPRESENTATIONS

a. Provider is a duly organized entity or corporation qualified to do business and in good standing under the laws of the State of North Carolina;

b. Provider has all requisite corporate power and authority to execute, deliver and perform its obligations under this Agreement;

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c. No approval, authorization or consent of any governmental or regulatory authority is required to be obtained or made by it in order for Provider to enter into and perform its obligations under this Agreement;

d. In connection with Provider's obligations under this Agreement, it shall comply with all applicable federal, state and local laws and regulations and shall obtain all applicable permits and licenses;

e. Provider shall not violate any agreement with any third party by entering into or performing the Services under this Agreement;

f. Provider will perform all Services in conformity with the specifications and requirements of this Agreement;

g. The Services provided by Provider under this Agreement will not violate, infringe or misappropriate any patent, copyright, trademark or trade secret rights of any third party, or any other third-party rights (including, without limitation, non-compete agreements);

h. Provider shall exercise reasonable care and diligence when performing the Services hereunder and will ensure that it adheres to the highest generally accepted standards in the industry when performing said Services;

i. Provider acknowledges that if any specific licenses, certifications or related credentials are required in its performance of the Services, it will ensure that such credentials remain current and active and not in a state of suspension or revocation; and

j. Provider shall ensure that whenever its employees or agents are on County property, they will strictly abide by all instructions and directions issued by the County with respect to rules, regulations, policies and security procedures applicable to work on the County's premises. Such rules, regulations, policies and security procedures shall include, but not be limited to: (i) not possessing any controlled substances; (ii) smoking only in designated smoking areas, if any; and (iii) not possessing weapons, except for weapons possessed by law enforcement officials.

7. DAMAGE TO EQUIPMENT, FACILITIES, PROPERTY OR DATA

Provider shall be solely responsible for any damage to or loss of the County's equipment, facilities, property and/or data arising out of the negligent or willful act or omission of Provider or its subcontractors. In the event that Provider causes damage to the County's equipment or facilities, Provider shall, at its own expense, promptly repair or replace such damaged items to restore them to the same level of functionality that they possessed prior to such damage.

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8. NON-ENDORSEMENT AND PUBLICITY

County is not endorsing Provider or its Services, and Provider is not permitted to reference this Agreement or County in any manner without the prior written consent of County. Notwithstanding the foregoing, the parties agree that Provider may list the County as a reference in response to requests for proposals and may identify County as a customer in presentations to potential customers.

9. NON-EXCLUSIVITY

Provider acknowledges that County is not obligated to contract solely with Provider for the Services covered under this Agreement.

10. DIVESTMENT FROM COMPANIES THAT BOYCOTT ISRAEL

Provider hereby certifies that it has not been designated by the North Carolina State Treasurer as a company engaged in the boycott of Israel pursuant to N.C.G.S. § 147-86.81.

11. DEBARMENT

Provider hereby certifies that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in this Agreement by any governmental department or agency. Provider must notify County within thirty (30) days if debarred by any governmental entity during this Agreement.

12. INDEMNIFICATION

Provider shall defend, indemnify and hold harmless County, its officers, officials, agents and employees from and against all actions, liability, claims, suits, damages, costs or expenses of any kind which may be brought or made against County or which County must pay and incur arising out of or relating to any and all claims, liens, demands, obligations, actions, proceedings or causes of action of every kind in connection with or arising out of this Agreement and/or the performance hereof that are due in part or in the entirety of Provider, its employees or agents. Provider further agrees to investigate, handle, respond to, defend and dispose of same at its sole cost and expense. Provider shall be fully responsible to County for the acts and omissions of its subcontractors and of persons either directly or indirectly employed by it. This Section shall survive any expiration or termination of this Agreement.

13. INSURANCE

Provider shall procure and maintain in full force and effect at all times and at its sole cost and expense Commercial General Liability, Commercial Automobile Liability, Professional Liability and Workers' Compensation insurance, if applicable, and any additional insurance as may be required by County with limits acceptable to County. All insurance policies (with the exception of Workers' Compensation, if applicable, and Professional Liability) shall be endorsed, specifically or generally, to include County as an additional insured and as a certificate holder.

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Provider shall furnish a Certificate of Insurance from a licensed insurance agent in North Carolina with a rating of A-VII or better by A.M. Best verifying the existence of any insurance coverage required by County. The Certificate will provide for thirty (30) days' advance notice in the event of termination or cancellation of coverage. Provider shall have no right of recovery or subrogation against County (including its officers, agents and employees), it being the intention of the parties that the insurance policies so affected shall protect both parties and be primary coverage for any and all losses covered by the aforementioned insurance.

14. WORKERS' COMPENSATION

To the extent required by law, Provider shall comply with the North Carolina Workers' Compensation Act and shall provide for the payment of workers' compensation to its employees in the manner and to the extent required by such Act. In the event Provider is excluded from the requirements of such Act and does not voluntarily carry workers' compensation coverage, Provider shall carry or cause its employees to carry adequate medical/accident insurance to cover any injuries sustained by its employees or agents while fulfilling Provider's obligations under this Agreement.

Provider agrees to furnish County proof of compliance with said Act or adequate medical/ accident insurance coverage upon request.

15. REMEDIES

a. **RIGHT TO COVER.** If Provider fails to meet any completion date or resolution time set forth, due to no fault of County, the County may take any of the following actions with or without terminating this Agreement, and in addition to, and without limiting, any other remedies it may have:

   i. Employ such means as it may deem advisable and appropriate to perform itself or obtain the Services from a third party until the matter is resolved and Provider is again able to resume performance under this Agreement; and

   ii. Deduct any and all expenses incurred by County in obtaining or performing the Services from any money then due or to become due Provider and, should the County's cost of obtaining or performing the Services exceed the amount due Provider, collect the amount due from Provider.

b. **RIGHT TO WITHHOLD PAYMENT.** County reserves the right to withhold any portion, or all, of a scheduled payment if Provider fails to perform under this Agreement until such breach has been fully cured.

c. **SETOFF.** Each party shall be entitled to set off and deduct from any amounts owed to the other party pursuant to this Agreement all damages and expenses incurred or reasonably anticipated as a result of the other party's breach of this Agreement.

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d. **OTHER REMEDIES.** Upon breach of this Agreement, each party may seek all legal and equitable remedies to which it is entitled. The remedies set forth herein shall be deemed cumulative and not exclusive and may be exercised successively or concurrently in addition to any other available remedy.

e. **NO SUSPENSION.** In the event that County disputes in good faith an allegation of breach by Provider, notwithstanding anything to the contrary in this Agreement, Provider agrees that it will not terminate this Agreement or suspend or limit any Services or warranties, unless: (i) the parties agree in writing; or (ii) an order of a court of competent jurisdiction determines otherwise; provided, however, this dispute period shall be limited to ninety (90) days.

16. TAXES

Provider shall be responsible for paying all taxes, fees, assessments and premiums of any kind payable on its employees and operations. Provider shall substantiate, on demand by the County, that all taxes and other charges are being properly paid.

17. HEALTH AND SAFETY

Provider shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with performing the Services. Provider shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to all employees in connection with performing the Services and other persons who may be affected thereby.

18. NON-DISCRIMINATION IN EMPLOYMENT

Provider shall not discriminate against any employee or applicant for employment because of race, ethnicity, gender, gender identity, sexual orientation, age, religion, national origin, disability, color, ancestry, citizenship, genetic information, political affiliation or military/veteran status, or any other status protected by federal, state or local law or other unlawful form of discrimination. Provider shall take affirmative action to ensure that applicants are employed and that employees are treated fairly during employment. In the event Provider is determined by the final order of an appropriate agency or court of competent jurisdiction to be in violation of any non-discrimination provision of federal, state or local law or this provision, this Agreement may be cancelled, terminated or suspended in whole or in part by County, and Provider may be declared ineligible for further County agreements.

19. COMPLIANCE WITH E-VERIFY PROGRAM

Pursuant to N.C.G.S. § 143-133.3, Provider understands that it is a requirement of this Agreement that Provider and its subcontractors must comply with the provisions of Article 2 of Chapter 64 of the North Carolina General Statutes. In doing so, Provider agrees that, unless it is exempt by law, it shall verify the work authorization of its employees utilizing the federal E-Verify program and standards as promulgated and operated by the United States Department of Homeland

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Security, and Provider shall require its subcontractors to do the same. Upon request, Provider agrees to provide County with an affidavit of compliance or exemption.

20. CONFIDENTIAL INFORMATION

For purposes of this Agreement, the party disclosing Confidential Information is the "Discloser," and the party receiving Confidential Information is the "Recipient." "Confidential Information" shall mean any nonpublic information concerning the parties' respective businesses including, but not limited to, all tangible, intangible, visual, electronic, present or future information such as: (a) trade secrets; (b) financial information, including pricing; (c) technical information, including research, development, procedures, algorithms, data, designs and know-how; (d) business information, including operations, planning, marketing interests and products; and (e) the terms of any agreement between the parties and the discussions, negotiations and proposals related thereto. Confidential Information disclosed to the other party must be clearly identified. Written Confidential Information must be clearly marked in a conspicuous place with an appropriate legend identifying the information as "Confidential." Confidential Information that is not written must be identified as confidential at the time of disclosure and confirmed in writing delivered to Recipient within fifteen (15) days of disclosure.

The restrictions regarding the use and disclosure of Confidential Information do not apply to information that is:

a. in the public domain through no fault of the Recipient;

b. within the legitimate possession of the Recipient, with no confidentiality obligations to a third party;

c. lawfully received from a third party having rights in the information without restriction, and without notice of any restriction against its further disclosure;

d. independently developed by the Recipient without breaching this Agreement or by parties who have not had, either directly or indirectly, access to or knowledge of the Confidential Information;

e. disclosed with the prior written consent of the Discloser; or

f. required to be disclosed by law, regulation or court or governmental order, specifically including requests pursuant to the Public Records Laws of North Carolina contained in Chapter 132 of the North Carolina General Statutes. In the event Recipient receives such a request, it shall notify Discloser and Discloser shall have the opportunity to defend against production of such records at Discloser's sole expense.

21. OWNERSHIP OF WORK PRODUCT

Should Provider's performance under this Agreement generate documents or other work product that are specific to the Services hereunder, such documents or work product shall become

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the property of County and may be used by County on other projects without additional compensation to Provider.

22. NO ASSIGNMENT WITHOUT CONSENT

Neither party shall assign this Agreement (or assign any right or delegate any obligation contained herein whether such assignment is of service, of payment or otherwise) without the prior written consent of the other party hereto. Any such assignment without the prior written consent of the other party hereto shall be void. An assignee shall acquire no rights, and County shall not recognize any assignment in violation of this provision.

23. GOVERNING LAW AND VENUE

This Agreement shall be governed by applicable federal law and by the laws of the State of North Carolina without regard for its choice of law provisions. All actions relating in any way to this Agreement shall be brought in the General Court of Justice of the State of North Carolina in Brunswick County or in the Federal District Court for the Eastern District of North Carolina, Wilmington division.

24. DISPUTE RESOLUTION

Should a dispute arise as to the terms of this Agreement, both parties agree that neither may initiate binding arbitration. The parties may agree to non-binding mediation of any dispute prior to the bringing of any suit or action.

25. GOVERNMENTAL IMMUNITY

County, to the extent applicable, does not waive its governmental immunity by entering into this Agreement and fully retains all immunities and defenses provided by law with regard to any action based on this Agreement.

26. NON-WAIVER

Failure by County at any time to require the performance by Provider of any of the provisions of this Agreement shall in no way affect County's right hereunder to enforce the same, nor shall any waiver by County of any breach be held to be a waiver of any succeeding breach or a waiver of this Section.

27. ENTIRE AGREEMENT

This Agreement constitutes the entire agreement between the parties with respect to the subject matter herein. There are no other representations, understandings or agreements between the parties with respect to such subject matter. This Agreement supersedes all prior agreements, negotiations, representations and proposals, written or oral.

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28. HEADINGS

The headings in this Agreement are for convenience of reference only and shall not define or limit any of the terms or provisions hereof.

29. SEVERABILITY

The invalidity of one or more of the phrases, sentences, clauses or sections contained in this Agreement shall not affect the validity of the remaining portion of the Agreement so long as the material purposes of this Agreement can be determined and effectuated. If a provision of this Agreement is held to be unenforceable, then both parties shall be relieved of all obligations arising under such provision, but only to the extent that such provision is unenforceable, and this Agreement shall be deemed amended by modifying such provision to the extent necessary to make it enforceable while preserving its intent.

30. AMENDMENTS

No amendments or changes to this Agreement, or additional Proposals or Statements of Work, shall be valid unless in writing and signed by authorized agents of both Provider and County.

31. NOTICES

a. **DELIVERY OF NOTICES.** Any notice, consent or other communication required or contemplated by this Agreement shall be in writing, and shall be delivered in person, by U.S. mail, by overnight courier, by electronic mail or by facsimile to the intended recipient at the address set forth below.

b. **EFFECTIVE DATE OF NOTICES.** Any notice shall be effective upon the date of receipt by the intended recipient; provided that any notice which is sent by facsimile or electronic mail shall also be simultaneously sent by mail deposited with the U.S. Postal Service or by overnight courier.

c. **NOTICE ADDRESS.** Communications that relate to any breach, default, termination, delay in performance, prevention of performance, modification, extension, amendment or waiver of any provision of this Agreement shall be sent to:

i. For the County: Brunswick County Manager
P.O. Box 249
Bolivia, NC 28422
Fax: 910-253-2022

ii. For the Provider: MECO, Inc. of Augusta
2312 River Road
Piedmont, SC 29673

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32. SIGNATURES

This Agreement, together with any amendments or modifications, may be executed in one or more counterparts, each of which shall be deemed an original and all of which shall be considered one and the same agreement. This Agreement may also be executed electronically. By signing electronically, the parties indicate their intent to comply with the Electronic Commerce in Government Act (N.C.G.S § 66-58.1 et seq.) and the Uniform Electronic Transactions Act (N.C.G.S § 66-311 et seq.). Delivery of an executed counterpart of this Agreement by either electronic means or by facsimile shall be as effective as a manually executed counterpart.

ATTEST:

_____
Clerk to the Board

BRUNSWICK COUNTY

By: _____
Chairman, Board of Commissioners

[SEAL]

MECO, INC. OF AUGUSTA

By: Daniel Kissell

Printed Name: Daniel Kissell

Title: Branch Manager

Date: 8/26/2022

"This instrument has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act."

_____
Aaron C. Smith, Director of Fiscal Operations
Brunswick County, North Carolina

APPROVED AS TO FORM

_____
Robert V. Shaver, Jr., County Attorney /
Bryan W. Batton, Assistant County Attorney

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EXHIBIT "A"
SCOPE OF WORK AND FEES

Scope of Work

Provider shall complete fuel site upgrades at the Brunswick County Main Fuel Site located at 151 Government Center Drive, Bolivia, NC 28422. The Projects includes, without limitation, removing the existing dispenser and replacing with upgraded dispensers. The Project also includes adding an additional high flow dispenser and 10,000-gallon aboveground storage tank (AST). A more detailed Scope of Work is set forth in the Request for Proposals issued by Brunswick County and Provider's submitted Proposal, all of which are incorporated by reference as if fully set forth herein. In the event of a conflict between the Scope of Work included in the Request for Proposals and the Scope of Work included in the Provider's Proposal, the Scope of Work included in the Request for Proposals shall govern.

Fees

Total lump sum for Provider to complete the Scope of Work is $302,557.33.

Main Fuel Site Upgrade
Bid Tabulation

D. R. Mozeley, Inc.	390,850.00
Oakes Grading Inc.	462,076.00
MECO, Inc. of Augusta/Greenville	302,557.33
JF Acquisition, LLC dba JF Petroleum Group	394,633.91

Brunswick County Board of Commissioners
ACTION AGENDA ITEM
September 19, 2022

Action Item # V. - 10.

From:
Jeffery P Niebauer

Tax Administration - FY 2021-2022 Settlement Report

Issue/Action Requested:
Request that the Board of Commissioners receive the FY 2021-2022 Annual Tax Collector's settlement report.

Background/Purpose of Request:
Pursuant to NCGS 105-373, the Tax office is submitting our end of the year settlement for current and delinquent taxes.

This is the ninth consecutive fiscal year in which the tax collection rate has been increased for Brunswick County.

Fiscal Impact:
Reviewed By Director of Fiscal Operations

Approved By County Attorney:
Yes

County Manager's Recommendation:
Recommend that the Board of Commissioners receive the FY 2021-2022 Annual Tax Collector's settlement report.

ATTACHMENTS:

Description

- Annual Settlement Report County & Dosher
- Annual Settlement Report Municipalities
- Annual Settlement Report Motor Vehicles

COUNTY OF BRUNSWICK

Office of the Tax Administrator

SETTLEMENT OF TAXES COUNTY & DOSHER
2022 ANNUAL SETTLEMENT/Fiscal Year
June 30, 2022

	Brunswick County Real Property Tax Report				TOTAL
YEAR	ORIGINAL LEVY/Current	RELEASES/WO	Net COLLECTIONS	BALANCE AS OF 6/30/2022	%COLLECTED
2010	99,869,974.61	(61,757.82)	(24,090.97)	**68,984.59**	99.93%
2011	104,217,451.85	(6,555.29)	(26,096.74)	**73,606.67**	99.93%
2012	104,854,636.56	(6,974.36)	(33,992.01)	**87,246.27**	99.92%
2013	105,594,674.11	(5,406.48)	(50,714.51)	**78,095.96**	99.93%
2014	107,352,468.31	(3,751.95)	(58,940.77)	**92,019.23**	99.91%
2015	107,921,125.34	(5,810.03)	(55,158.97)	**90,198.46**	99.92%
2016	111,220,264.79	(5,741.91)	(67,575.18)	**79,305.52**	99.93%
2017	114,730,868.66	(5,970.00)	(106,100.27)	**91,666.95**	99.92%
2018	118,583,273.20	(2,561.18)	(162,910.87)	**114,355.10**	99.90%
2019	133,170,947.63	(19,652.78)	(372,885.87)	**161,230.42**	99.88%
2020	137,665,627.02	(23,224.63)	(1,062,276.03)	**359,402.75**	99.74%
2021	143,036,180.87	(37,563.85)	(141,657,019.09)	**1,266,856.79**	99.11%
2022	233,303.83	(8,073.71)	(94,631.41)	**130,598.71**	44.02%
Total	**1,388,450,796.78**	**(193,043.99)**	**(143,772,392.69)**	**2,693,567.42**	

	Brunswick County Motor Vehicle Tax Report				TOTAL
YEAR	ORIGINAL LEVY	RELEASES/WO	Net COLLECTIONS	BALANCE AS OF 6/30/2022	%COLLECTED
2011	3,686,811.76	(56,124.71)	(552.74)	-	100.00%
2012	4,378,342.35	(77,998.55)	(190.94)	-	100.00%
2013	2,641,537.61	(110.18)	(1,987.47)	49,419.13	98.13%
2014	12,097.72	-	(35.40)	535.52	95.57%
2015	10,892.24	-	(215.15)	1,038.22	90.47%
2016	5,268.88	-	(4.64)	540.59	89.74%
2017	1,265.76	-	-	64.15	94.93%
2018	7.47	-	-	-	100.00%
2019	301.37		-	-	0.00%
2021	219.37	-	(219.37)	-	100.00%
Total	**10,736,744.53**	**(134,233.44)**	**(3,205.71)**	**51,597.61**	

DOSHER HOSPITAL - REAL PROPERTY

YEAR	ORIGINAL LEVY	RELEASES/WO	NET COLLECTIONS	BALANCE AS OF 6/30/22	%COLLECTED
2010	2,145,152.10	(870.53)	-	-	100.00%
2011	2,697,882.77	(21.25)	(609.16)	671.97	99.98%
2012	2,623,102.68	(26.52)	(505.07)	846.98	99.97%
2013	2,730,635.85	(24.31)	(614.58)	667.57	99.98%
2014	2,674,364.92	(1.08)	(557.38)	748.71	99.97%
2015	2,592,426.07	(10.48)	(628.78)	720.84	99.97%
2016	2,631,185.14	(11.42)	(720.11)	798.63	99.97%
2017	2,708,773.32	(9.75)	(865.81)	959.35	99.96%
2018	2,822,034.43	-	(1,187.30)	744.93	99.97%
2019	3,222,282.79	(4.01)	(4,333.36)	1,407.34	99.96%
2020	3,269,280.34	(412.05)	(12,067.96)	4,130.46	99.87%
2021	3,356,104.14	(605.19)	(336,752.04)	16,986.24	99.49%
2022	176.57	(41.66)	(116.32)	18.59	89.47%
Total	**33,473,401.12**	**(2,038.25)**	**(358,957.87)**	**28,701.61**	

DOSHER HOSPITAL - MOTOR VEHICLE

YEAR	ORIGINAL LEVY	RELEASES/WO	NET COLLECTIONS	BALANCE AS OF 6/30/22	%COLLECTED
2011	43,239.63	(601.86)	-	-	100.00%
2012	53,591.91	(883.50)	(2.89)	-	100.00%
2013	31,759.98	-	(12.81)	531.21	98.33%
2014	96.18		-	18.31	80.96%
2015	165.24	-	-	41.67	74.78%
2016	25.62	-	-	-	100.00%
2017	2.75	-	-	-	100.00%
2021	1.20	-	(1.20)	-	100.00%
Total	**128,882.51**	**(1,485.36)**	**(15.70)**	**591.19**	

COUNTY OF BRUNSWICK

Office of the Tax Administrator

SETTLEMENT OF TAXES FOR MUNICIPALITIES
2022 ANNUAL SETTLEMENT/Fiscal Year
JUNE 30, 2022

SUNSET BEACH 11- REAL RPOPERTY

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2010	(204.08)	-	100.00%
2011	(105.74)	109.95	99.99%
2012	(105.74)	73.55	99.99%
2013	(96.15)	58.40	99.99%
2014	(105.74)	78.29	99.99%
2015	(4.80)	21.40	99.99%
2016	(70.54)	137.52	99.99%
2017	(53.30)	217.15	99.99%
2018	(469.62)	211.54	99.99%
2019	(4,560.77)	692.52	99.97%
2020	(12,223.19)	2,835.26	99.90%
2021	(2,756,708.99)	11,919.52	99.57%
2022	(16.16)	86.22	15.78%
Total	**(2,774,724.82)**	**16,441.32**	

SUNSET BEACH 11- MOTOR VEHICLE

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2011	(326.90)	-	100.00%
2012	(294.23)	-	100.00%
2013	-	231.99	99.16%
2014	-	-	100.00%
2015	-	-	100.00%
2016	-	-	100.00%
2021	(51.58)	-	100.00%
Total	**(672.71)**	**231.99**	

CASWELL BEACH 16- REAL PROPERTY

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2011	-	-	100.00%
2012	-	-	100.00%
2013	(7.13)	9.12	99.99%
2014	-	-	100.00%
2015	(20.45)	0.22	99.99%
2016	(14.52)	8.16	99.99%
2017	-	10.50	99.99%
2018	-	0.24	100.00%
2019	(967.42)	0.24	100.00%
2020	(1,358.57)	660.24	99.91%
2021	(852,749.19)	1,900.35	99.78%
Total	**(855,117.28)**	**2,589.07**	

CASWELL BEACH 16- MOTOR VEHICLE

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2011	(37.67)	-	100.00%
2012	(148.79)	-	100.00%
2013	-	71.05	98.39%
2014		-	100.00%
2015	(147.21)	576.44	92.69%
2021	(8.10)	-	100.00%
Total	**(341.77)**	**647.49**	

VILLAGE OF BHI 17 - REAL PROPERTY

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2010	(406.25)	-	100.00%
2011	-	-	100.00%
2012	-	75.77	99.99%
2013	-	-	100.00%
2014	-	-	100.00%
2015	-	-	100.00%
2016	-	-	100.00%
2017	-	-	100.00%
2018	-	-	100.00%
2019	(2,547.33)	-	100.00%
2020	(5,207.44)	-	100.00%
2021	(3,721,348.98)	10,953.21	99.71%
Total	**(3,729,510.00)**	**11,028.98**	

VILLAGE OF BHI 17 - MOTOR VEHICLE

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2011	-	-	100.00%
2012	-	-	100.00%
2013	-	-	100.00%
2014	-	-	100.00%
Total	-	-	

CAROLINA SHORES 18 - REAL PROPERTY

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2010	(148.42)	-	100.00%
2011	(30.48)	154.78	99.96%
2012	-	185.26	99.95%
2013	-	230.88	99.94%
2014	-	35.69	99.99%
2015	-	19.89	99.99%
2016	-	110.53	99.97%
2017	-	15.24	99.99%
2018	(383.35)	275.62	99.94%
2019	(847.75)	106.60	99.98%
2020	(3,417.12)	1,320.99	99.76%
2021	(556,106.71)	4,306.02	99.23%
2022	(470.49)	-	100.00%
Total	**(561,404.32)**	**6,761.50**	

CAROLINA SHORES 18 - MOTOR VEHICLE

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2011	(277.62)	-	100.00%
2012	(371.81)	-	100.00%
2013	(8.68)	251.49	98.66%
2014	-	-	100.00%
2015	-	-	100.00%
Total	**(658.11)**	**251.49**	

CALABASH 19 - REAL PROPERTY

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2012	-	-	100.00%
2013	(26.57)	113.06	99.96%
2014	(37.91)	181.43	99.94%
2015	(22.50)	149.21	99.93%
2016	(5.05)	119.22	99.95%
2017	(55.98)	244.51	99.89%
2018	(9.67)	252.87	99.89%
2019	(637.98)	328.52	99.87%
2020	(3,316.35)	808.53	99.70%
2021	(277,355.13)	3,173.62	98.87%
2022		25.58	
Total	**(281,467.14)**	**5,396.55**	

CALABASH 19 - MOTOR VEHICLE

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2011	(126.25)	-	100.00%
2012	(163.17)	-	100.00%
2013	-	120.51	98.25%
2014	-	-	100.00%
2015	-	23.68	99.99%
2016	-	-	100.00%
Total	**(289.42)**	**144.19**	

BOILING SPRING LAKES 20 - REAL PROPERTY

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2010	(1,733.58)	-	100.00%
2011	(607.20)	1,389.56	99.83%
2012	(565.55)	1,533.81	99.81%
2013	(618.55)	1,302.92	99.80%
2014	(3,161.61)	1,773.77	99.78%
2015	(2,239.26)	1,422.42	99.83%
2016	(2,583.63)	1,732.72	99.79%
2017	(2,949.16)	1,785.39	99.79%
2018	(3,963.89)	2,569.88	99.73%
2019	(7,120.93)	4,663.53	99.58%
2020	(15,840.17)	6,243.00	99.45%
2021	(1,403,288.42)	22,451.75	98.43%
Total	**(1,444,671.95)**	**46,868.75**	

BOILING SPRING LAKES 20 - MOTOR VEHICLE

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2011	(1,171.74)	-	100.00%
2012	(1,776.79)	-	100.00%
2013	(86.61)	978.35	97.53%
2014	-	-	100.00%
2015	-	-	100.00%
2016	-	-	100.00%
2017	-	-	100.00%
Total	**(3,035.14)**	**978.35**	

SOUTHPORT 21 - REAL PROPERTY

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2011	(2,125.35)	1,741.24	99.90%
2012	(2,045.68)	1,997.39	99.88%
2013	(2,517.67)	1,833.16	99.89%
2014	(2,024.27)	1,784.06	99.90%
2015	(3,039.34)	1,209.25	99.93%
2016	(3,141.97)	1,615.54	99.91%
2017	(3,682.22)	3,432.96	99.85%
2018	(5,960.56)	1,826.22	99.92%
2019	(10,533.92)	3,598.01	99.88%
2020	(18,200.74)	4,494.00	99.85%
2021	(3,095,294.29)	25,069.52	99.20%
2022	-	27.00	
Total	**(3,148,566.01)**	**48,628.35**	

SOUTHPORT 21 - MOTOR VEHICLE

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2011	(899.99)	-	100.00%
2012	(922.90)	-	100.00%
2013	-	707.08	98.20%
2014		51.44	74.15%
2015	-	238.81	29.71%
2016	-	-	100.00%
Total	**(1,822.89)**	**997.33**	

SHALLOTTE 22 - REAL PROPERTY

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2010	(2,144.02)	3,664.96	99.85%
2011	(2,223.27)	3,537.00	99.85%
2012	(2,445.37)	4,074.54	99.83%
2013	(2,254.80)	3,198.73	99.86%
2014	(351.27)	3,209.92	99.87%
2015	(257.74)	2,868.87	99.87%
2016	(499.77)	3,155.43	99.86%
2017	(8,464.28)	2,941.02	99.87%
2018	(10,455.48)	4,205.12	99.81%
2019	(14,544.76)	887.07	99.96%
2020	(35,359.67)	3,105.55	99.86%
2021	(2,367,566.17)	21,974.06	99.08%
2022	-	1,760.42	
Total	**(2,446,566.60)**	**58,582.69**	

SHALLOTTE 22 - MOTOR VEHICLE

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2011	(1,087.50)	-	100.00%
2012	(1,245.48)	-	100.00%
2013	(72.49)	1,039.18	98.05%
2014	(28.00)	-	100.00%
2015	-	19.38	91.03%
Total	**(2,433.47)**	**1,058.56**	

BOLIVIA 23 - REAL PROPERTY

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2010	(26.77)	-	100.00%
2011		23.65	99.66%
2012	-	22.70	99.66%
2013	-	22.48	99.65%
2014	-	22.26	99.66%
2015	-	15.31	99.75%
2016	-	31.56	99.49%
2017	-	38.32	99.33%
2018	-	27.76	99.52%
2019	(84.83)	39.10	99.38%
2020	(159.53)	76.07	98.77%
2021	(5,968.94)	148.77	97.57%
Total	**(6,240.07)**	**467.98**	

BOLIVIA 23 - MOTOR VEHICLE

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2011	(19.50)	-	100.00%
2012	(26.39)	-	100.00%
2013	(5.65)	3.09	98.78%
Total	**(51.54)**	**3.09**	

NAVASSA 24 - REAL PROPERTY

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2010	(162.37)	-	100.00%
2011	(13.32)	262.43	99.87%
2012	(355.72)	143.14	99.93%
2013	(261.29)	591.62	99.73%
2014	(310.44)	591.62	99.73%
2015	(330.81)	668.29	99.65%
2016	(271.17)	1,026.11	99.49%
2017	(1,363.31)	1,111.77	99.44%
2018	(1,916.89)	1,280.66	99.36%
2019	(2,564.42)	1,917.12	99.13%
2020	(8,646.81)	3,681.33	98.56%
2021	(247,723.08)	9,118.01	96.45%
2022	(6,713.65)	56,213.87	10.67%
Total	**(270,633.28)**	**76,605.97**	

NAVASSA 24 - MOTOR VEHICLE

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2011	(437.75)	-	100.00%
2012	(526.53)	-	100.00%
2013	(11.06)	543.59	93.63%
2014	-	29.26	73.08%
2015	-	23.74	80.42%
2016	-	45.32	3.86%
Total	**(975.34)**	**641.91**	

BELVILLE 25 - REAL PROPERTY

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2010	(72.66)	-	100.00%
2011	-	6.07	99.99%
2012	(43.56)	11.06	99.99%
2013	(38.61)	17.48	99.99%
2014	(45.97)	91.59	99.93%
2015	(20.57)	98.22	99.92%
2016	(73.54)	56.86	99.97%
2017	(273.53)	83.91	99.95%
2018	(274.69)	173.75	99.89%
2019	(271.92)	220.20	99.88%
2020	(1,013.83)	285.44	99.85%
2021	(192,666.67)	1,974.04	98.99%
2022	(7,351.38)	-	100.00%
Total	**(202,146.93)**	**3,018.62**	

BELVILLE 25 - MOTOR VEHICLE

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2011	(136.47)	-	100.00%
2012	(196.71)	-	100.00%
2013	(14.40)	199.30	97.49%
2014	-	9.18	96.67%
2015	-	-	100.00%
2016	-	-	100.00%
Total	**(347.58)**	**208.48**	

SANDY CREEK 26 - REAL PROPERTY

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2010	(2.04)	-	100.00%
2011	-	11.64	99.97%
2012	(28.36)	-	100.00%
2013	(29.62)	-	100.00%
2014	-	23.36	99.94%
2015	(1.20)	22.37	99.94%
2016	(11.31)	153.54	99.55%
2017	(152.40)	151.36	99.56%
2018	(365.35)	113.90	99.67%
2019	(628.91)	235.64	99.34%
2020	(713.88)	577.34	98.36%
2021	(36,096.23)	1,285.34	96.56%
Total	**(38,029.30)**	**2,574.49**	

SANDY CREEK 26 - MOTOR VEHICLE

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2011	(122.25)	-	100.00%
2012	(159.28)	-	100.00%
2013	-	121.55	96.49%
2014	-	-	100.00%
2015	-	-	
Total	**(281.53)**	**121.55**	

VARNAMTOWN 27 - REAL PROPERTY

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2010	-	-	100.00%
2011	-	-	100.00%
2012	-	0.98	100.00%
2013	(35.88)	11.57	99.95%
2014	(37.42)	6.23	99.97%
2015	(29.21)	7.66	99.96%
2016	(29.21)	7.31	99.96%
2017	(29.21)	26.83	99.86%
2018	(115.71)	-	100.00%
2019	(250.61)	-	100.00%
2020	(614.72)	71.26	99.70%
2021	(23,655.75)	407.76	98.31%
Total	**(24,797.72)**	**539.60**	

VARNAMTOWN 27 - MOTOR VEHICLE

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2011	(17.63)	-	100.00%
2012	(46.93)	-	100.00%
2013	-	46.54	96.44%
2014	-	-	100.00%
2015	-	-	100.00%
Total	**(64.56)**	**46.54**	

NORTHWEST 28 -REAL PROPERTY

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2010	(735.55)	-	100.00%
2011	(64.85)	1,064.53	98.98%
2012	(64.85)	73.81	99.92%
2013	(67.94)	68.04	99.93%
2014	(134.02)	76.09	99.93%
2015	(232.01)	72.67	99.93%
2016	(328.49)	85.86	99.92%
2017	(232.82)	320.28	99.72%
2018	(534.99)	471.91	99.58%
2019	(2,562.33)	393.98	99.68%
2020	(4,586.34)	991.73	99.19%
2021	(128,662.16)	3,227.16	97.55%
Total	**(138,206.35)**	**6,846.06**	

NORTHWEST 28 - MOTOR VEHICLE

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2011	(270.29)	-	100.00%
2012	(289.16)	-	100.00%
2013	(4.99)	206.01	96.44%
2014	-	10.27	68.36%
2015	-	-	100.00%
Total	**(564.44)**	**216.28**	

ST JAMES 29 - REAL PROPERTY

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2010	(12.38)	-	100.00%
2011	(0.88)	5.72	99.99%
2012	(27.75)	47.24	99.99%
2013	(7.86)	16.66	99.99%
2014	(16.16)	4.97	99.99%
2015	(168.59)	3.66	99.99%
2016	-	5.50	99.99%
2017	-	28.89	99.99%
2018	(10.17)	77.73	99.99%
2019	(630.37)	1.76	99.99%
2020	(2,180.07)	216.87	99.98%
2021	(1,225,550.86)	2,490.77	99.80%
2022	(19.44)	13.37	
Total	**(1,228,624.53)**	**2,913.14**	

ST JAMES 29 - MOTOR VEHICLE

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2011	(50.40)	-	100.00%
2012	(52.77)	-	100.00%
2013	(9.00)	33.72	99.80%
2014	-	-	100.00%
2015	-	-	100.00%
2017	-	-	100.00%
Total	**(112.17)**	**33.72**	

LELAND 31 - REAL PROPERTY

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2010	(556.02)	-	100.00%
2011	(132.14)	812.19	99.97%
2012	(250.09)	2,198.96	99.92%
2013	(570.91)	2,346.93	99.91%
2014	(609.54)	1,679.33	99.94%
2015	(626.63)	5,417.97	99.83%
2016	(1,388.69)	1,431.73	99.96%
2017	(2,522.73)	2,650.89	99.95%
2018	(3,702.14)	3,033.27	99.94%
2019	(7,652.30)	2,820.73	99.95%
2020	(26,145.64)	7,470.10	99.89%
2021	(8,370,433.46)	39,476.50	99.53%
2022	(1,129.93)	38.95	
Total	**(8,415,720.22)**	**69,377.55**	

LELAND 31 - MOTOR VEHICLE

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2011	(2,829.12)	-	100.00%
2012	(3,846.53)	-	100.00%
2013	(82.78)	2,448.82	98.08%
2014	-	39.70	90.41%
2015	-	20.03	90.08%
2016	-	32.57	89.57%
2017	-	4.96	93.86%
2018	-	-	100.00%
Total	**(6,758.43)**	**2,546.08**	

BHI MSD ZONE A 33 - REAL PROPERTY

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2010	-	-	100.00%
2011	-	-	100.00%
2012	-	-	100.00%
2013	-	-	100.00%
2014	-	195.87	99.99%
2015	-	-	100.00%
2016	-	14.94	99.99%
2017	-	14.94	99.99%
2018	-	15.54	99.99%
2019	-	23.31	99.99%
2020	(19.15)	23.31	99.99%
2021	(2,130,994.19)	5,253.98	99.75%
2022	-	-	
Total	**(2,131,013.34)**	**5,541.89**	

BHI MSD ZONE B 34 - REAL PROPERTY

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2010	-	-	100.00%
2011	-	-	100.00%
2012	-	-	100.00%
2013	-	-	100.00%
2014	-	-	100.00%
2015	-	-	100.00%
2016	-	-	100.00%
2017	-	-	100.00%
2018	-	-	100.00%
2019	-	-	100.00%
2020	(13,448.25)	-	100.00%
2021	(2,613,133.40)	3,135.96	99.88%
2022	(184.35)	-	
Total	**(2,626,766.00)**	**3,135.96**	

OCEAN ISLE BEACH 12 - MOTOR VEHICLE (ONLY)

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2011	(98.84)	-	100.00%
2012	(231.26)	-	100.00%
2013	(4.38)	82.31	99.10%
2014	-	-	100.00%
2015	-	-	100.00%
2019	-	-	100.00%
Total	**(334.48)**	**82.31**	

HOLDEN BEACH 13 - MOTOR VEHICLE (ONLY)

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2011	(61.92)	-	100.00%
2012	(70.44)	-	100.00%
2013		8.19	99.89%
2014			100.00%
2015			100.00%
2017	-	-	100.00%
Total	**(132.36)**	**8.19**	

OAK ISLAND 14 - MOTOR VEHICLE (ONLY)

YEAR	NET COLLECTIONS	BALANCE	%COLLECTED
2011	(2,041.58)	-	100.00%
2012	(2,898.53)	-	100.00%
2013	(38.57)	1,987.05	98.01%
2014	-	68.26	80.82%
2015	-	19.00	96.49%
2016	-	-	100.00%
2017	-	-	100.00%
Total	**(4,978.68)**	**2,074.31**	

COUNTY OF BRUNSWICK
Office of the Tax Administrator

Settlement of TAXES VTS – Motor Vehicle Collection
2021 Annual Settlement
June 30, 2022

Jurisdiction	Gross Levy (Tax)	Net Collections (Tax)	Interest Collected	Total Net Collections	% Collected
C ADVL	$885,057.44	$882,199.13	$5,127.03	$887,326.16	99.67%
CI11ADVL	$10,749.39	$10,749.39	$41.80	$10,791.19	100.00%
CI12ADVL	$5,157.75	$5,157.75	$34.63	$5,192.38	100.00%
CI13ADVL	$3,621.00	$3,621.00	$18.51	$3,639.51	100.00%
CI14ADVL	$34,840.58	$34,732.90	$159.17	$34,892.07	99.69%
CI16ADVL	$1,615.09	$1,615.09	$9.52	$1,624.61	100.00%
CI17ADVL	$3,431.17	$3,431.17	$12.19	$3,443.36	100.00%
CI18ADVL	$6,541.48	$6,541.48	$22.28	$6,563.76	100.00%
CI19ADVL	$1,771.92	$1,771.92	$1.58	$1,773.50	100.00%
CI20ADVL	$14,443.97	$14,406.18	$122.80	$26,928.98	99.58%
CI21ADVL	$14,965.17	$14,965.17	$67.98	$15,033.15	100.00%
CI22ADVL	$21,863.43	$21,566.35	$137.91	$21,704.26	98.64%
CI23ADVL	$65.94	$65.94	$1.99	$67.93	100.00%
CI24ADVL	$2,137.88	$2,137.88	$24.41	$2,162.29	100.00%
CI25ADVL	$1,908.14	$1,889.40	$18.25	$1,907.65	99.01%
CI26ADVL	$330.00	$330.00	$2.35	$332.35	100.00%
CI27ADVL	$449.22	$449.22	$4.15	$453.37	100.00%
CI28ADVL	$1,882.90	$1,882.90	$17.45	$1,900.35	100.00%
CI29ADVL	$8,445.67	$8,391.21	$8.09	$8,399.30	99.35%
CI31ADVL	$67,266.92	$66,759.10	$357.95	$125,467.05	99.47%
SM ADVL	$9,816.01	$9,795.21	$51.04	$9,846.25	99.78%
TOTALS	$1,096,361.07	$1,092,458.39	$6,241.08	$1,169,449.47	99.65%

Brunswick County Board of Commissioners
ACTION AGENDA ITEM
September 19, 2022

Action Item # V. - 11.
Tax Administration - Order of Collection

From:
Jeffery P Niebauer

Issue/Action Requested:
Request that the Brunswick County Board of Commissioners adopt and charge the Tax Collector and enter into the minutes an order to collect the taxes charged in the tax records and receipts.

Background/Purpose of Request:
The NC General Statutes state that the Board of County Commissioners shall adopt an order charging the Tax Collector with the obligation to collect the taxes per NCGS 105-321(b).

Fiscal Impact:
Reviewed By Director of Fiscal Operations

Approved By County Attorney:
Yes

County Manager's Recommendation:
Recommend that the Brunswick County Board of Commissioners adopt and charge the Tax Collector and enter into the minutes an order to collect the taxes charged in the tax records and receipts.

ATTACHMENTS:

Description

- Order of Collection

County of Brunswick

OFFICE OF THE TAX ADMINISTRATOR
PO BOX 269, BOLIVIA, NC 28422
910-253-2829 TELEPHONE
910-253-2861 FAX
WWW.BRUNSWICKCOUNTYNC.GOV

JEFFERY P NIEBAUER
TAX ADMINISTRATOR

TONY MASIERO
ASST. TAX ADMINISTRATOR

MELINDA ORE
DEPUTY TAX COLLECTOR

MEMORANDUM

To: Brunswick County Board of Commissioners

From: Jeffery Niebauer, Tax Administrator
Melinda Ore, Deputy Tax Collector

Date: August 20, 2022

~Order of Collection~

NC General Statute 105-321 (b)

The NC General Statute states the Board of County Commissioners shall adopt an order charging the tax collector and deputy collector with the obligation to collect the taxes.

- The Brunswick County Board of Commissioners shall adopt and charge the Tax Collector and the Deputy Tax Collector to collect the charged in the said tax records and receipts.

- This order allows the Tax Collector and the Deputy Tax Collector to employ the means of collecting taxes provided by this subchapter.

~ Order of Collection ~

Brunswick County Tax Department

State of North Carolina
County of Brunswick

To the Tax Collector & Deputy Collector of the County, of Brunswick

You are hereby authorized, empowered, and commanded to collect the taxes set forth in the tax records filed in the office of Brunswick County Tax Department and in the tax receipts herewith delivered to you in the amounts and from the taxpayers likewise therein set forth. Such taxes are hereby declared to be a first lien upon all real property of the respective taxpayers in the County of Brunswick, and this order shall be a full and sufficient authority to direct, requires, and enable you to levy on and sell any real or personal property of such taxpayers, for and on account thereof, in accordance with law.

Witness my hand and official seal this _____ day of _____, _2022

_____(SEAL)
Randy Thompson, Chairman
Board of Commissioners of Brunswick County

Attest:

_____
Daralyn Spivey, Clerk to The Board
Of Commissioners of Brunswick County

Brunswick County Board of Commissioners
ACTION AGENDA ITEM
September 19, 2022

Action Item # V. - 12.

From:
Jeffery P Niebauer

Tax Administration - Relief from Collections September 2022

Issue/Action Requested:
Request that the Board of Commissioners grant Tax Collector relief from "charge of collections" for three specific instances: (1) on taxes after all collection remedies have been expired (10 years from due date); (2) on personal property insolvents that are five years past due; and (3) on classified motor vehicle taxes that are one year or more past due when it appears that they are uncollectible.

Background/Purpose of Request:
The General Statues authorize that Board of Commissioners to grant the Tax Collector relief from "change of collection" in three specific instances: (1) on taxes after all collection remedies have expired (10 years from due date); (2) on personal property insolvents that are five years past due; and (3) on classified motor vehicle taxes that are one year or more past due when it appears that they are uncollectible. In all of these cases, the tax due remains, and the county may accept voluntary payments, but the effect of this authorization is to relieve the tax administrator/collector of his/her charge of collections. Please accept the items on the attachments ad no collectible and authorize "relief from tax collector charge."

Fiscal Impact:
Reviewed By Director of Fiscal Operations

Approved By County Attorney:
Yes

County Manager's Recommendation:
Recommend that the Board of Commissioners grant Tax Collector relief from "charge of collections" for three specific instances: (1) on taxes after all collection remedies have been expired (10 years from due date); (2) on personal property insolvents that are five years past due; and (3) on classified motor vehicle taxes that are one year or more past due when it appears that they are uncollectible.

ATTACHMENTS:

Description

- Relief from Collection Memo
- Relief of Charge Report
- Write off report
- Insolvent List
- RMV write off report

County of Brunswick

OFFICE OF THE TAX ADMINISTRATOR
PO BOX 269, BOLIVIA, NC 28422
910-253-2829 TELEPHONE
910-253-2861 FAX
WWW.BRUNSWICKCOUNTYNC.GOV

JEFFERY P NIEBAUER
TAX ADMINISTRATOR

TONY MASIERO
ASST. TAX ADMINISTRATOR

MELINDA ORE
DEPUTY TAX COLLECTOR

MEMORANDUM

To: Brunswick County Board of Commissioners

From: Jeffery Niebauer, Tax Administrator
Melinda Ore, Deputy Tax Collector

Date: August 23, 2022

~Relief from Charge of Collections~
Insolvents & Motor Vehicle

NC General Statute 105-373 (g)
NC General Statute 105-378 (a)
NC General Statue 105-373 (2) & (g)
NC General Statue 105-373 (h)

The NC General Statute states the governing body of any taxing unit may, in it discretion, relieve the tax collector and deputy collector of the charge of taxes owed by persons on the insolvent list and the motor vehicles listed pursuant to G.S. 105-330.3(a)(1) that are one year or more past due when it appears to the board that the taxes are uncollectible. This relief, when granted, shall include municipal and special district taxes charged to the collector.

The NC General Statutes explains that No County or Municipality may maintain an action or procedure to enforce any remedy provided by the law for the collection of taxes or enforcement of any tax liens – whether the taxes or tax liens are evidenced by the original tax receipts, tax sale certificates, or otherwise- unless the action or procedure is instituted within 10 years from the date the taxes became due.

~RELIEF FROM "CHARGE" OF TAX COLLECTIONS & INSOLVENTS~

8/23/2022

Balances shown are as of July 2022

10-Year Limitations - Collection Remiedes have Expired

	Uncollected 2011 County Liability (Principal Only)			
2011	Property Tax - Uncollcted County Real & Personal	$	73,606.67	
2011	Registers Motor Vehicle Tax - Uncollected County	$	-	
2011	Fees Charged - Uncollected County	$	878.52	
	Uncollected 2011 Dosher Hospital (Principal Only)			
2011	Dosher Property Tax - Real Uncollected	$	671.97	
2011	Dosher Motor Vehicle - Uncollected	$	-	
	TOTAL UNCOLLECTED FOR 2011 COUNTY	**$**	**75,157.16**	
	Original Levy for the 2011 Tax Year			**%Collected**
2011	Property Tax Value	$	104,217,451.85	99.93%
2011	Register Motor Vehicle Value	$	-	100.00%
2011	Fee's Charged	$	37,155.65	98.97%
2011	Dosher Property Tax Vaule	$	2,697,882.77	99.98%
2011	Dosher Motor Vehicle Tax Value	$	-	100.00%
	Cities/Municipalites we collect for - 2011 Tax Liability Uncollected (Principal Only)			**%Collected**
2011	Ocean Isle Beach - RMV	$	-	100.00%
2011	Holden Beach - RMV	$	-	100.00%
2011	Oak Island - RMV	$	-	100.00%
2011	Caswell Beach - RMV	$	-	100.00%
2011	Calabash - RMV & REAL	$	-	100.00%
2011	Southport - RMV & REAL	$	1,741.24	99.90%
2011	Sunset Beach - RMV & REAL	$	109.95	99.99%
2011	BHI ZONE A - REAL	$	-	100.00%
2011	BHI ZONE B - REAL	$	-	100.00%
2011	Village of Bald Head - RMV & REAL	$	-	100.00%
2011	Carolina Shores - RMV & REAL	$	154.79	99.96%
2011	Boiling Spring Lakes - RMV & REAL	$	1,389.56	99.83%
2011	Shallotte - RMV & REAL	$	3,537.00	99.85%
2011	Bolivia - RMV & REAL	$	23.65	99.66%
2011	Navassa - RMV & REAL	$	262.43	99.87%
2011	Belville - RMV & REAL	$	6.07	99.99%
2011	Sandy Creek - RMV & REAL	$	11.64	99.97%
2011	Varnamtown - RMV & REAL	$	-	100.00%
2011	Northwest - RMV & REAL	$	1,064.53	98.98%
2011	St James - RMV & REAL	$	5.72	99.99%
2011	Leland - RMV & REAL	$	812.19	99.97%
	Total Uncollected for 2011 Cities/Municipalites	**$**	**9,118.77**	

GRAND TOTAL UNCOLLECTED FOR 2011 COUNTY & DOSHER	**$**	**74,278.64**
GRAND TOTAL UNCOLLECTED FOR 2011 CITIES	**$**	**9,118.77**
GRAND TOTAL UNCOLLECTED FOR 2011 FIRE DISTRICTS	**$**	**6,606.00**
GRAND TOTAL FOR ALL 2011 PRINCIPAL ONLY UNCOLLECTED	**$**	**90,003.41**

~INSOLVENTS RELIEF FROM COLLECTING~

8/23/2022

N.C.G.S. 105-373 (2) & (G)

Balances shown through July 31, 2022 (Principal only)
List avaliable upon request

GRAND TOTAL of UNCOLLECTABLE INSOLVENTS	**$**	**23,309.44**

~ RELIEF FROM COLLECTING TAXES ON MOTOR VEHICLES~

8/23/2022

N.C.G.S. 105-373 (H)

Balances shown through July 31, 2022 (Principal only)
List availible upon request

GRAND TOTAL of UNCOLLECTABLE MOTOR VEHICLES	**$**	**63,054.00**

RCELNUME	OUNTNUM	NAME1	TAXYEAR	PRINCIPAL $
	10014070	ABOUT THE MESS CLEANING SERVICES	2011	8.34
	30004600	A & A PRODUCE MARKET	2011	34.37
	50021230	A & B TRANS DOCTOR	2011	32.81
	20013040	ADRENALINE JUNKIE LLC	2011	59.25
156OD005(	20414810	AARON ANITA C	2011	35.50
	50017140	AJB ASSOCIATES INC	2011	85.16
	20024710	ANDERSON & ASSOCIATES	2011	9.25
	30100598	ANDERSON MARTIAL ARTS & FITNESS	2011	33.86
03700014(	20474980	ANDREWS J WARD AND	2011	11.02
14100028(	20479190	ARMSTRONG CHARLES N	2011	35.50
	10013730	ATALLA M ATALLA DBA	2011	211.60
	50873295	ATWOOD JAMES ET ANN	2011	19.36
	30085970	BABIES LEARNING CENTER	2011	523.24
141AA020	20514500	BAHOUS CAROLYN R	2011	12.21
	20017250	ALL MEDIA BLASTING & PRESSURE CLEAN	2011	54.73
	60005020	ALL-STARZ SPORTING GOODS & TROPHIES	2011	99.58
217BE010	50930630	BARNES VIVIAN KAY	2011	62.55
02100045(	10437830	BEASLEY RALPH E ETUX	2011	72.07
	60034570	BELLE STARR NURSERY	2011	60.07
	31466890	ANDERSON BOBBY K	2011	108.80
142BA056	20668200	BETHEA SAMMIE AND	2011	35.50
	60060200	BIG NELLS PIT STOP	2011	101.10
	50055530	BILL'S QUICK SHOP INC	2011	54.38
141AC002(	20677960	BISHOP JAMES R	2011	16.64
	60011400	ANSLEY SHEET METAL WORKS INC	2011	52.33
	20774250	BREAZEALE RUBY G	2011	18.13
	10044110	BRIANNA LLC DBA AUTOMOTIVE EXPRESS	2011	342.39
172CD026	20812430	BROWN DONALD A	2011	35.50
142GJ005	20843620	BROWN SHIRLEY A ETALS	2011	133.50
141MA052	20855400	BRUGMAN J W	2011	60.00
	51224720	BRUMBLES BETTY	2011	3.06
13700002	51255210	BRYANT HERMAN ET	2011	576.29
	70019200	BABSON BULLDOZER SERVICE	2011	41.43
15100033	51317350	BURNEY MELVINA EST	2011	816.00
141HC003	20034000	BAKAWAL LLC TRUSTEE	2011	16.64
	10059850	CAROLINA CUSTOM MARINE OF WILM	2011	14.36
	50117470	CAROLINA H2O INC	2011	28.86
	30209660	CASH UNLIMITED	2011	35.59
	10061430	CBH CONSTRUCTION INC	2011	1,907.09
142HB025(	21061070	CHICO MIGUEL A ETUX	2011	35.50
157AD073	20549750	BARKUS FREDERICK ET	2011	41.63
	60151060	COASTAL BREEZE CHIROPRACTIC	2011	14.48
	30235300	COASTAL CLEANER	2011	7.20
	50157390	COASTAL CONSTRUCT OF EASTERN NC LLC	2011	284.47
	30239160	COASTAL SETTINGS	2011	15.28
	60154440	COASTLINE CARPETS & TILE	2011	20.99

184NA047	51618000	COLLINS MARY FAITH	2011	155.70
	30244605	COMPASS ROSE EMBROIDERY INC	2011	865.13
156LA006	21150460	CONRAD WILLIAM E F ETUX	2011	102.88
156LA007	21150460	CONRAD WILLIAM E F ETUX	2011	102.88
01600057	10812821	COX MELVIN ET	2011	70.40
	60019100	BB AIR LLC	2011	1,715.79
14100036	21227460	CUNNINGHAM HAROLD J	2011	60.00
14100037	21227460	CUNNINGHAM HAROLD J	2011	60.00
	50182960	CUT'S CURL SALON	2011	1.17
232FI0010	50183140	D & S DEVELOPERS LLC	2011	8.94
232JJ00101	50183140	D & S DEVELOPERS LLC	2011	8.94
	30296320	D&S SURVEYING PLLC	2011	15.12
17800047	61767645	DANIELS BRUCE AND	2011	277.25
156NE014	21252920	DANIELS VIRGIL H	2011	35.50
	61802380	DAVIS DENISE	2011	158.59
142BA057	21265910	DAVIS EARL ARTHUR ETUX JANET SUSAN	2011	18.70
141HA012	20602390	BELCHER JAMES E JR	2011	14.43
	50195620	DEED BUILDERS LLC	2011	238.46
185000104	50717793	DOLLAR PROPERTIES LLC	2011	42.24
141HA030	21321850	DORN TERRY BOONE	2011	16.64
140EA002C	21334120	DUCKETT SIDNEY H	2011	12.21
17100016C	51045830	BERNARD RALPH ETALS	2011	412.84
00800073	10099030	EAST CAROLINA EPISCOPAL CHURCH	2011	10.00
	30314650	EAST COAST COFFEE AND ESPRESSO INC	2011	107.97
	60212620	EDWARDS FURNITURE & AUTO UPHOLSTERY	2011	4.18
	50055300	BETTY'S WATERFRONT REST	2011	810.44
217DD139	51868800	EISELE ALBERT E JR ETUX	2011	99.50
	30318330	ELECTRIC SUN TANNING	2011	92.67
	10923350	ELWOOD BECKY	2011	23.22
11700054C	70310250	EVANS GURLEY L ET	2011	36.76
246BC016C	51967200	FISHER M OLETA	2011	9.83
237CB001C	30083500	BLAKE HOME BUILDERS INC	2011	10.73
18200188	51980705	FLOR STEPHANIE ETALS	2011	11.59
	21482670	FLOYD DAVID JOHN	2011	20.46
236HB016	34634020	FORSTER JOHN T ETUX DIANE	2011	107.50
	21497710	FOWLER CYNTHIA	2011	10.81
	50061270	BLUE DOLPHIN ENTERPRISES INC	2011	318.34
17700013C	60243290	FRIENDSHIP RANCH & FARMS LLC	2011	10.93
257AA002	62189040	FRINK S B ETUX MARGUERITE W	2011	23.19
200MA056	52033760	FRYE DOUG ET CANDICE	2011	185.21
232GD061	52077120	FULFORD JUANITA COX	2011	44.90
20100034C	52197500	GALLOWAY ROSA L	2011	637.85
229000071	62269020	GAUSE OTTO	2011	1,314.69
156OD009	21713250	GREENE JASON N ET	2011	35.50
	35329851	HAHN JUDITH R	2011	15.60
	52481950	HARRIS RANDY	2011	27.67
238AD006	35582830	HART CATHERINE MELISSA	2011	70.93

172EE003	21854340	HATCHER DAVID W	2011	29.38
	30475470	HAVANA RAYS	2011	58.13
	70409670	HENSON JACK H	2011	7.04
215FB084	52544980	HERNANDEZ JORGE	2011	277.42
19900113C	52803750	HEWETT THERESA	2011	47.54
201LA022	52856730	HILL KENNETH CLAYTON	2011	46.40
	30528600	HINESLEY HEATING & AC INC	2011	77.92
	50065680	BRIGGS MASONARY	2011	358.83
173BF012	20803800	BRODIE LOIS HELENE	2011	164.13
173BF013	20803800	BRODIE LOIS HELENE	2011	164.13
	32431751	BROOKS JERALD WARD	2011	201.16
	61276410	BROOKS MARY	2011	16.16
10400012C	70423990	HUGHES DEXTER WOODRING JR	2011	56.53
142KD001	22110120	HUNT RUTH BARNHILL	2011	133.50
172CA001C	20182730	INDEPENDENT BROKERS INC	2011	84.50
	30566370	ISLAND JEWELERS	2011	31.09
	53038330	JAMES ROY	2011	7.04
	20191030	JEFF STIDHAM CUSTOM STUCCO	2011	23.55
	50077980	BRUNSWICK BUILDING AND DESIGN GP	2011	62.06
	30580120	JOB SITE CONTAINER COMPANY INC	2011	5.72
225000947	63213910	JOHNSON DEVER A	2011	364.20
19900181C	53103440	JOHNSON MELVIN J	2011	305.48
	53146020	JORDAN ROGER	2011	1.23
07500015	70493805	JUAN ESCABAR	2011	235.79
	10146970	K AND L HOMBUILDERS INC	2011	25.71
	10146470	KELLEY'S SPORTS BAR	2011	121.61
172JC0010	22329530	KENNEDY BERNETT F JR ET	2011	35.50
	63362580	KLEEDORFER JERRY J JR	2011	50.75
22300003	36976250	KNUPPEL PIERRE ETALS	2011	116.80
241ND014	63372301	KRUETZENBERGER KARL AND	2011	175.09
142GB013	20917550	BURKETT JANE	2011	151.88
200GC001C	50473940	LANCASTER WOODS PROPERTY OWNERS	2011	10.44
200GC001C	50473940	LANCASTER WOODS PROPERTY OWNERS	2011	10.44
240000171	63391790	LANCE DELINDA S & EVIA A JENRETTE	2011	391.06
	60435320	LANDSCAPE & IRRIGATION DESIGNS LLC	2011	50.20
010EA072	11528460	LARK CHARLES ETUX	2011	266.50
	11528630	LATHAM SARAH S	2011	21.03
228AC006	63439560	LEE LEAMON M	2011	513.50
142FA001	20226210	LEGGETTE ASSOCIATES	2011	133.50
	20227220	LELAND SUPERMARKET	2011	175.99
	50482550	LENNY'S RV REPAIR	2011	35.45
22900054	63500910	LEWIS HARRIET HILL	2011	273.85
112000571	22542590	LEWIS LEVI JEFFERSON ET	2011	47.95
216JB041	53386300	LITTLE ELISHA JR	2011	71.45
046MC001	22581390	LOCKLEAR JEFFERY W ETALS	2011	55.25
200FA090	53412880	LONG ERNEST JAMES SR AND	2011	77.38
200FA091	53412880	LONG ERNEST JAMES SR AND	2011	77.38

214LB068	53424800	LONG ROY C	2011	105.36
	11622090	LOVE MARIA	2011	40.09
	22618210	LUMPKIN SCOTTIE	2011	45.08
	50496300	MP CONSULTING LLC DBA	2011	967.30
057000653	22784300	MANN CHRISTOPHER L AND	2011	343.34
	53622980	MARSHALL JAMES A	2011	5.12
	30179020	CAPE FEAR PRINTING	2011	110.28
11200056C	22624920	MCALLISTER LUCILLE MILLS ET	2011	415.00
11200059C	22624920	MCALLISTER LUCILLE MILLS ET	2011	186.05
172JB013	22633100	MCCALLUM JOHN CHARLES	2011	35.50
	50117180	CAPTAIN TROY	2011	28.54
156OD005(	22720560	MCKOY JOHN LEANDER ET	2011	35.50
	70026811	CAROLINA GROUNDS & IRRIGATION INC	2011	135.77
237EC036	37747840	MCMILLIAN MAMIE MIMS HRS	2011	302.24
	60131240	CAROLINA SHORES MEDICAL SPA PLLC	2011	828.90
157PC007	22751150	MCNUTT JUNE	2011	232.25
	11764430	MELODY GAROTLO & ANGEL COOK	2011	141.25
12500020C	22843100	MERCER EDWARD HRS	2011	198.30
141HC011	22850080	MERCER MARGUERITE	2011	12.21
14200015	22953750	MITCHELL WILLIAM R	2011	35.50
15500019	22966310	MONROE BEULAH	2011	217.47
15500059	22966310	MONROE BEULAH	2011	61.18
214LE025	53809400	MORGAN SARAH G AND	2011	46.40
	30682230	MR HEADLINER AUTO TRIM	2011	8.94
	60469790	MS KEELS CHILDCARE	2011	14.29
172JC0010	21046930	CAVANAUGH JANET F	2011	120.00
	30783020	MY AUNT SAL	2011	18.75
05600033C	23062860	NAYLOR JACKIE	2011	112.24
	50563170	NCCW LLC	2011	128.95
03000011	10196090	NH SOIL & WATER CONSERVATION DIST	2011	1.42
	60548380	OCEAN RIDGE PLANTATION GOLF INC	2011	4,340.93
	50568580	OCEANSIDE HEATING AND AIR INC	2011	17.04
	30218110	CHARISMA HAIR SALON	2011	51.27
232FF0024	50569690	OLD FERRY ESTATES HOMEOWNERS ASSOC	2011	8.50
232FF0025	50569690	OLD FERRY ESTATES HOMEOWNERS ASSOC	2011	8.50
	30990040	OLDE VILLAGE RESTAURANT	2011	9.84
	30817900	ONE IN A MILLION HAIR SALON	2011	12.88
	30818040	ONSLOW URGENT CARE PLLC	2011	741.53
237EG023(	38295260	PARKER WILLIE WENBERG	2011	1,439.82
156NC019(	23172700	PAYNE WADE H ETUX	2011	41.63
02700037	23181940	PELHAM LEVI ETALS	2011	314.64
02700035	23191680	PELLAM SOPHIA	2011	333.36
	30859330	PET STOP THE	2011	19.53
140EA009	23224250	PETTY SUE WARREN	2011	28.70
	64422240	PIGOTT JAVELIN	2011	30.32
22900075C	60583060	PIGOTT ROAD PROPERTIES LLC	2011	79.41
	50590465	PRENTICE JOEL W JR	2011	16.98

	12066770	PRESTON CRYSTAL LYNN	2011	107.95
	60592515	PURPLE DAHLIA THE	2011	30.93
141HB008(	20313640	QUICK TIME INC	2011	16.64
	30905370	RAK BEACH RENTALS LLC	2011	201.35
11500039	23389030	REAVES JAMES	2011	178.35
11500041	23389030	REAVES JAMES	2011	41.22
	30926020	REST EASY SLEEP GALLERIES	2011	16.51
	50161740	COASTAL PRESSURE WASHING & PAINTING	2011	37.53
198000018	60614090	RIVERS EDGE GOLF CLUB & PLANT INC	2011	6,466.37
	23495570	ROBBINS CATHY	2011	23.23
009000400	12175440	ROBINSON JAMES	2011	15.68
230CD007	54338000	ROBINSON THOMAS E ET	2011	80.69
	33360030	COLLIER HORACE	2011	38.04
141HD002	23565410	ROSSITER LILLIAN	2011	16.64
20100021	54360810	ROURK EDWARD HRS	2011	637.85
184NA048	51618000	COLLINS MARY FAITH	2011	77.38
156DE002	23580850	RUSS PEGGY B	2011	35.87
	60621055	RWS TOOL REPAIR	2011	5.78
	30108612	COOL TAN LUKES INC	2011	502.97
	60639010	SEASIDE VISION CENTER	2011	34.61
016000462	10792070	COPLEN PATSY	2011	199.85
172GA001	23674500	SENSABAUGH NELLE CORDELIA	2011	35.50
141AB006	23677460	SESSOMS KATHERINE W	2011	12.21
	10082801	COUNTY LINE KWIK STOP INC	2011	118.40
141AB007(	23740640	SIMPSON CLEVELAND B	2011	12.21
220EE0010	39064430	SINCLAIR GROVER M	2011	10.48
141000040	23781230	SLOOPE CHARLES E ET NAOMI	2011	108.29
	10235310	SMB CAROLINAS INC	2011	1,171.80
15400039	54642560	SMITH JAMES O JR	2011	1,060.93
	50685610	SMITH'S GROCERY & HARDWARE	2011	22.47
	31062085	SOUTHERN HOSPITALITY TRANSPORTATION	2011	13.00
	31071520	SPIKE'S DAIRY BAR INC	2011	238.29
	39251500	SPOHN STEPHEN J ET	2011	7.08
	10239380	SRCR LLC	2011	2,435.75
	10836680	CROSBY JERRY W	2011	66.68
210000670	65266440	STANLEY WILLIE JOE	2011	44.36
	54751180	STEPHENSON EDNA B	2011	24.65
	31083400	STEVE'S MARINE & AUTO	2011	25.63
141HB022	23925900	STEWART AMELIA AND	2011	16.64
216CA124	51704840	CURRY THELMA M	2011	21.89
	50183000	CUSTOM CAR STEREO	2011	20.48
	30271480	CUTTING EDGE	2011	14.67
	30271520	CYPRESS CHIROPRACTIC INC	2011	203.09
232JJ0010	50183140	D & S DEVELOPERS LLC	2011	8.94
	20104661	D & S TOWING AND AUTO REPAIR	2011	103.25
	31106830	SURFERS RESTAURANT INC	2011	80.02
256DB005	60712280	T M T PROPERTIES	2011	10.49

256DB005	60712280	T M T PROPERTIES	2011	58.35
	60128365	THE BRIDGE GRILL	2011	133.47
	50717892	THE MORTGAGE CO OF BRUNSWICK INC	2011	141.48
038IA0010	20364710	THE WILLOWS DEVELOPMENT CORPORATION	2011	10.59
038IA0010	20364710	THE WILLOWS DEVELOPMENT CORPORATION	2011	10.59
038IA0010	20364710	THE WILLOWS DEVELOPMENT CORPORATION	2011	10.59
038IA0011	20364710	THE WILLOWS DEVELOPMENT CORPORATION	2011	10.59
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038IA0011	20364710	THE WILLOWS DEVELOPMENT CORPORATION	2011	10.59
038IA0011	20364710	THE WILLOWS DEVELOPMENT CORPORATION	2011	10.59
11100032	24076720	THOMAS LILLIAN W	2011	164.68
173CC005	24104790	TODERO JOYCE V	2011	164.13
214EF147	54874800	TREADWAY BILLY J ET	2011	98.35
	31152690	TRIPLE D INC	2011	7.18
	60719040	TRIPLE J & A POWERSPORTS	2011	10.57
111KB001	24133000	TYLER GEORGE E ETALS	2011	412.56
02300098	12756130	UNKNOWN	2011	145.28
238HG007	40205380	UNKNOWN	2011	148.61
18200060C	51707970	UNKNOWN	2011	92.31
21400023C	55401840	UNKNOWN	2011	140.83
23100002C	55401860	UNKNOWN	2011	17.17
243LI001	66087330	UNKNOWN	2011	23.58
	60738950	UPSCALE RESALE	2011	15.25
	10088510	DAZZLERS HAIR & NAIL SALON	2011	21.16
	55125094	WEBB MICKEY RAY	2011	15.29
02300072	12613300	WESTON AURELLIA HRS	2011	230.90
244LK005	65887830	WILKERSON LARRY L ET	2011	10.44
156NC011	24354210	WILLCOX JOHN ET	2011	41.63
	31215010	WILLIAM'S SEAFOOD	2011	8.13
156KA014	21299570	DELAMAR EDGAR M JR	2011	35.50
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141AB011C	24499240	WOOD EARLE L ET	2011	14.43
	31746680	BARNETT ALVIN L	2011	1.30
	51002050	BELLAMY WILLIE EARL ET MYRTLE	2011	46.44
	51002050	BELLAMY WILLIE EARL ET MYRTLE	2011	40.26
	51002050	BELLAMY WILLIE EARL ET MYRTLE	2011	30.19
	51002050	BELLAMY WILLIE EARL ET MYRTLE	2011	38.15
	20752160	BOWLING LONNIE W SR	2011	55.73
	61802380	DAVIS DENISE	2011	125.52
	61887590	DOUBLE TROUBLE FISHING CORP	2011	22.44
	20118340	E J WYLDE WOOD LLC	2011	208.34
	60219770	ESTATE OF IFC CREDIT CORPORATION	2011	108.18
	50438260	JOE A LLC	2011	10.86
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01500061C	11776110	MERRICK WILLIE AND	2011	179.48
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01500061C	11776110	MERRICK WILLIE AND	2011	104.81
01500061C	11776110	MERRICK WILLIE AND	2011	104.81
01500061C	11776110	MERRICK WILLIE AND	2011	102.01
	60546150	OCEAN ISLE CART RENTALS LLC	2011	5.69
	60546150	OCEAN ISLE CART RENTALS LLC	2011	2.84
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	10260520	TWIN PRECISION MANUFACTURING CORP	2011	1,856.56
	55125094	WEBB MICKEY RAY	2011	67.70
	55155600	WHITE JEREMY DEAN	2011	14.27
	55290410	WYRICK HOWARD V	2011	6.95
	55290410	WYRICK HOWARD V	2011	5.43
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017 200	91140483	BRADLEY LINDA ROSE	2011	55.91
17 199(	91140393	CANADY RUSSELL EDWARD	2011	6.61
18 90 20(	91140664	CARROLL ALVIN WAYNE	2011	1.39
014 199	91140772	CLEMMONS BOBBY T	2011	10.39
	91140901	CRANDALL BOB	2011	115.82
018 115 2(	91141263	FISHER RICHARD EARL	2011	41.99
022 260 1(	91141486	GOULD MAURICE STEPHENSON III	2011	18.96
	91141536	GROOMS THOMAS H	2011	136.52
	91141566	H E MINTZ INC	2011	28.25
015 200	91141720	HELMS TORRENCE ONEAL	2011	11.14
022 225 1(	91142110	JONES PHILLIP DAVID	2011	1.18
014 008 2(	91142344	LEONARD MARVIN	2011	9.98
	91142949	ORGOGLIOSO KEN T	2011	38.72
25 250 19	91142965	OWENS DWAYNE GERALD	2011	44.63
025 225 2(	91143102	PISCITELLE PASQUALE JOSEPH JR	2011	159.51
014 200	91143201	RANDOLPH LENDELL	2011	5.66
019 200	91143208	RATCLIFFE DARRYL	2011	29.47
	91143375	ROSE WILLIAM CHARLES	2011	18.34
26 225 20	91143484	SCOTT KATHERINE JANE	2011	92.09
015 050 2(	91143567	SIMMONS LISA R	2011	11.10
019 150 2(	91143313	SMELSER YVETTE LEWIS	2011	69.70
028 450 1(	91143862	THARP JESSICA LEE	2011	171.92

21 115 20	91144001	VEREEN REGINA H	2011	25.43
16 40 20(	91144228	WILSON TIMOTHY HOWARD	2011	29.22
26 200 19	91144235	WINSTEAD RYAN KEITH	2011	68.41
	51087463	BOND ANDREW ERIC	2011	11.54
	61272340	BROOKS JOE C JR ET	2011	114.22
	61272340	BROOKS JOE C JR ET	2011	56.37
	61272340	BROOKS JOE C JR ET	2011	48.68
	61272340	BROOKS JOE C JR ET	2011	42.19
	63969850	MILLER ANNIE BELL	2011	5.99
	63969850	MILLER ANNIE BELL	2011	5.26
	50702100	STEFFIES PHOTOGRAPHY LLC	2011	16.76
	60201665	DONS PLUMBING INC	2011	76.29
	10093550	DYLAN JAMES MANAGEMENT	2011	27.16
	20118320	E & R INVESTMENTS LLC	2011	34.43
	51863080	EDWARDS DARYL	2011	38.81
243IB075	61972080	ELE CONSTANCE MITCHELL	2011	212.27
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	60534670	EVOLVE GOLF INC	2011	36.91
	51940760	FANNON BRIAN & GAIL	2011	5.84
	60227060	FANTASY NAILS	2011	222.60
14200026(	21436960	FARLEY ALTA AND	2011	35.50
	51959485	FIELDS CLARICE GRAY	2011	7.24
	30359800	FINISHING TOUCH FLOORING	2011	14.01
	10105430	FLEX APPEAL GYM	2011	147.25
	60244620	FLOYD ROBERT D ATTORNEY AT LAW	2011	37.68
	60234755	FOLLOW ME CHARTERS	2011	575.53
11100010	20132900	FOREST LAWN CEMETERY	2011	10.00
20100013(	52029480	FRINK JAMES HEIRS AND	2011	841.40
236LA001	34745650	FRINK S B ETALS	2011	28.20
232GD058	52077120	FULFORD JUANITA COX	2011	23.66
15100027(	52190500	GALLOWAY LIZZIE (HEIRS)	2011	92.55
198JB067	52235575	GILMARTIN OWEN P ETUX	2011	249.88
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140AA005	21654570	GOFF DAWN JOHNSON	2011	55.25
18200015	52248110	GORE MRS A M HRS	2011	216.10
17000003	21702490	GRAHAM JOHN ESTATE	2011	146.41
	20155940	GREENER VISIONS LANDSCAPE & DESIGN	2011	118.93
048CB018	21766840	HALL PRISCILLA P	2011	30.15
237EB032	35379660	HALL ROWAN H JR ET	2011	302.24
	52439690	HANKINS LA SALLE	2011	6.80
172JC0030	21792120	HANKINS MAYME MCLEOD	2011	35.50
016000285	11167170	HANSLEY ANDREA	2011	425.21
173BH006	21817740	HARRIS HENRY J ET	2011	72.25
070FA004	21843590	HART TODD M ETUX	2011	165.88
142BA086	21867250	HEDRICK AUBREY L	2011	35.50
	62717063	HENDRIX VERA M	2011	28.53
	60343010	HIGH ENERGY TATTOOS	2011	19.60

237EA025(	35929870	HILL GEORGE HRS	2011	302.24
141HC036	21973750	HILL IRA LEE HRS	2011	12.21
141HC036(	21973750	HILL IRA LEE HRS	2011	12.21
163GA027	70422395	HINSON TERRY JONES	2011	37.55
163GA028	70422395	HINSON TERRY JONES	2011	37.55
22900015(	62979255	HOLMES STEVE ANDREW	2011	92.33
156KE001	22057860	HOLSTEIN DELBERT L JR	2011	35.50
214ED002	52967760	HORNBUCKLE JACKIE LEE	2011	111.83
17000015(	52993260	HUGGINS JAMES W	2011	181.12
	30545400	HUGHES GAS & GROCERY	2011	576.91
214DA028	52998730	HULBERT BRANDY W	2011	46.40
242NA020	63138380	INMAN MARGARETE H	2011	253.63
	70472980	INMAN TONIE DEVONE	2011	20.96
11500047(	22134630	JACKSON MARIA (LT) ETVIR	2011	266.72
	30579560	JIMMY'S TRANSMISSION	2011	42.20
15300004(	53111540	JOHNSON RILEY HEIRS	2011	255.13
156MD008	22281850	JONES W O ET	2011	29.38
037000558	20203020	KARADAN HOLDINGS LLC	2011	27.13
037000558	20203020	KARADAN HOLDINGS LLC	2011	24.04
037000559	20203020	KARADAN HOLDINGS LLC	2011	10.59
229OB001(	60418780	KENDALL CANADY BUILDERS INC	2011	18.54
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12700024(	22334930	KENNEDY REBECCA C	2011	251.71
	53239350	KISER PAMELA P ETVIR	2011	16.72
21000068	63391700	LANCE HANDY	2011	225.43
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	60435320	LANDSCAPE & IRRIGATION DESIGNS LLC	2011	115.35
156OD005(	22443800	LARSON PHILIP	2011	35.50
	10151100	LATONYIA LOWE DBA	2011	110.91
	60436870	LEA STEEL & ALUMINUM	2011	385.36
227LA016	63442210	LEE LEAMON M TRUSTEE	2011	453.50
	60457300	LEWELLYN-LEWIS BUILDERS	2011	10.96
20900023(	63530980	LIVINGSTON LYNN	2011	175.38
	22579890	LOCKLEAR APRIL	2011	16.37
141MB059	22598070	LONG J D ET	2011	35.50
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	20242750	LOS RANCHEROS LLC	2011	1,538.14
	50495670	LUNDY CHIROPRACTIC & REHAB	2011	153.86
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172EG004(	22758500	MACHOWETZ ELISABETH F AND	2011	66.13
228000071	63821700	MAJOR JAMES E AND	2011	65.75
156NE010	22799450	MARVIN MARGARET L HEIRS	2011	60.00
	37868460	MAYFIELD RICHARD G	2011	249.46
	53482651	MCCALL LINDA	2011	17.94
231LB0092	53516390	MCGEACHY NORMAN F	2011	106.85

	10168400	MCGOWANS GARAGE	2011	17.97
216CA127	53680210	MEHRENS MICHAEL LEWIS AND	2011	205.71
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	60502957	MIKE MCDONALD CONSTRUCTION	2011	40.38
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	11795790	MILLIKEN POLLY	2011	33.72
15500060	22966310	MONROE BEULAH	2011	69.23
173BG003	22967000	MONTGOMERY JAMES A ETUX	2011	72.25
156DD002	23011090	MORRIS TINA A	2011	133.50
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156000151	23052150	MYREN RICHARD B	2011	224.15
	10195920	NAVASSA USED AUTO PARTS INC	2011	67.94
	30130672	NESTOR LAW FIRM PC THE	2011	39.81
	11935711	NOTT BRUCE	2011	76.13
	30807080	OAK ISLAND AUTO SALES INC	2011	5.36
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232FF0024	50569690	OLD FERRY ESTATES HOMEOWNERS ASSOC	2011	8.50
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	50572070	PARADISE CAFE	2011	284.02
	10205560	PEKING BUFFET INC	2011	343.74
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168MA025	53980102	PETROZZINI J SCOTT ET	2011	298.63
	20312330	PLATINUM PROPERTIES USA LLC	2011	30.33
141AC025	20313640	QUICK TIME INC	2011	16.64
141AC002(	23357000	RAMSEY ALICE P	2011	12.21
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	60609320	REST EASY SLEEP GALLERIES	2011	11.21
	60593410	RICHARD'S BARBER SHOP	2011	19.88
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156DE001	23580850	RUSS PEGGY B	2011	133.50
202BA011	54398320	SAMARTINO JOSHUA P ETUX	2011	170.30
25500013	60638925	SEALAND OF OIB LLC ETALS	2011	3,769.03
156MC005	23705430	SHORT MANFORD C ET	2011	60.00
220EE0010	39064430	SINCLAIR GROVER M	2011	10.48
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	10238330	SOUTHPORT BOATS LLC	2011	5,665.91
236AA011	31062038	SOUTHWIND ASSOCIATES INC	2011	107.50
236HB019	31062038	SOUTHWIND ASSOCIATES INC	2011	107.50
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	10245020	SULLIVAN'S HARDWOOD FLOORS	2011	7.65
	60688000	SUNSET BEACH RENTALS AND SALES	2011	30.50
	60688505	SUNSET SPORTSWEAR INC DBA:	2011	34.53

	60688515	SUNSET SPORTSWEAR INC DBA:	2011	1.27
	20359560	SURE-GEN OPERATIONS LLC	2011	2.03
	24031970	TART PAUL	2011	2.89
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	20364750	THE DOUGHNUT SHOPPE INC	2011	208.34
038IA0010	20364710	THE WILLOWS DEVELOPMENT CORPORATION	2011	10.59
038IA0010	20364710	THE WILLOWS DEVELOPMENT CORPORATION	2011	10.59
038IA0013	20364710	THE WILLOWS DEVELOPMENT CORPORATION	2011	10.59
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214MA126	50717870	THOMAS EARL ROBINSON INC	2011	58.79
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173CC004	24104790	TODERO JOYCE V	2011	164.13
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	50729560	TURNIN HEADZ SALON	2011	33.05
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196000132	66086760	UNKNOWN	2011	10.44
196000132	66086760	UNKNOWN	2011	10.44
230PA039(	66086760	UNKNOWN	2011	10.44
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	65673730	VERNON DELREE SUE	2011	41.77
	70092450	VISIONS LANDSCAPING LLC	2011	15.44
156NA001(	24178890	WAGNER HERMAN J ET	2011	35.50
157NH002	24277700	WEDDING WILBUR O ETUX	2011	72.25
19700094	50764240	WELLINGTON PLACE HOLDINGS LLC	2011	10.79
	60787861	WILLIAMS JOHN PLUMBING INC	2011	89.93
221000511	31217550	WILMINGTON SUBDIVISION COMPANY LLC	2011	10.48
	31239830	WISHING WELL THE	2011	10.06
141HC038	24497830	WOMAC JACK ET	2011	14.43
12700016	24507820	WOODCOCK MARY L AND	2011	136.62
	31746680	BARNETT ALVIN L	2011	1.17
	51002050	BELLAMY WILLIE EARL ET MYRTLE	2011	93.57
	51002050	BELLAMY WILLIE EARL ET MYRTLE	2011	34.93
	21862210	HAYES KATHERINE MESSER	2011	17.06
	50438260	JOE A LLC	2011	8.59
	50438260	JOE A LLC	2011	11.12

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	53239350	KISER PAMELA P ETVIR	2011	13.24
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01500061C	11776110	MERRICK WILLIE AND	2011	72.47
	22993090	MOORE MARTY MYERS	2011	17.87
	12066770	PRESTON CRYSTAL LYNN	2011	38.80
	10260520	TWIN PRECISION MANUFACTURING CORP	2011	1,305.43
	55125094	WEBB MICKEY RAY	2011	33.50
	55125094	WEBB MICKEY RAY	2011	28.92
	55125094	WEBB MICKEY RAY	2011	25.50
	55125094	WEBB MICKEY RAY	2011	22.38
	55155600	WHITE JEREMY DEAN	2011	18.24
	55155600	WHITE JEREMY DEAN	2011	16.17
	55155600	WHITE JEREMY DEAN	2011	12.52
	55290410	WYRICK HOWARD V	2011	13.79
	55290410	WYRICK HOWARD V	2011	6.16
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018 150 1	91140542	BROBST RONALD FRANCIS	2011	9.03
	91140806	COFFIN FRED CHARLES	2011	88.67
21 90 20	91140841	COOK JARVIS EVERETTE	2011	65.69
023 200	91140912	CREECH NICKY D	2011	178.66
017 199	91140929	CROCKER CHRISTOPHER JAMES	2011	9.63
022 050 1	91140991	DAVIS BRIAN P	2011	33.05
025 200 2	91140999	DAWKINS JAMES TODD	2011	3.54
017 200	91141249	FERRELL DON R	2011	42.20
16 199	91143076	GAYLE PFITZER MELISSA	2011	7.75
019 199	91141537	GROOMS THOMAS HOWARD JR	2011	66.94
021 200	91141562	GYESLINCK LEON HENRY JR	2011	1.85
	91141565	H E MINTZ INC	2011	28.25
	91141724	HELTON RUFUS ALEXANDER	2011	9.65
	91141792	HEWETT STEPHEN	2011	67.93
20 140 19	91141860	HOLDEN BEACH STORAGE	2011	15.75
17 50 20	91141927	HOWELL STEPHEN MICHAEL	2011	21.24
	91142044	JAYNE TIMOTHY J	2011	1.49
	91142446	LOVETT MARVIN	2011	18.89
016 030 2	91142527	MARSH JACK DAVIS II	2011	26.26
	91142667	MCPHERSON DONNA	2011	7.43
023 225 2	91142907	NIX MICHAEL THOMAS	2011	1.19
24 85 19	91143020	PATE RANDY JAMES	2011	28.51
	91143089	PHILLIPS THOMAS JUDSON	2011	16.70

21	350	19	91143346	ROBINSON DOUGLAS LEE	2011	20.07
017		200	91143553	SILVER HILL DEVELOPMENT LLC	2011	51.65
			91143328	SMITH DAVID ANTHONY	2011	113.15
016		200	91143631	SMITH RONAKI T	2011	14.42
			91143650	SO LA TONYA L	2011	88.81
			91143663	SOUTHPORT NC FISHING LLC	2011	614.50
			91143997	VELA INC	2011	82.05
			61272340	BROOKS JOE C JR ET	2011	36.46
			61272340	BROOKS JOE C JR ET	2011	45.08
			32853100	CANADY JOHN	2011	11.48
			63969850	MILLER ANNIE BELL	2011	7.67
			63969850	MILLER ANNIE BELL	2011	6.80
			63969850	MILLER ANNIE BELL	2011	6.64
			38057460	MORTENSON THOMAS	2011	52.12
			39022850	SHOVOLOWSKY ALEX	2011	39.66
			50702100	STEFFIES PHOTOGRAPHY LLC	2011	7.01
						90,003.41

PARCEL#	ACCOUNT#	NAME1	YEAR	BILL#	PRINCIPALDUE
0160002851A	11167170	HANSLEY ANDREA	2012	53073	425.21
199BA036 A	53918402	PACE SERENTHA	2012	94538	488.10
200MA056 B	52033760	FRYE DOUG ET CANDICE	2012	44658	200.21
215FB084 A	52544980	HERNANDEZ JORGE	2012	56405	277.42
2250009476A	63213910	JOHNSON DEVER A	2012	65107	364.20
038BB026 A	11627300	LUBINSKY MURIEL B	2012	77309	254.14
01600057 A	10812821	COX MELVIN ET	2011	28838	70.40
1850001041	50717793	DOLLAR PROPERTIES LLC	2011	34736	42.24
200MA056 B	52033760	FRYE DOUG ET CANDICE	2011	44309	185.21
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2250009476A	63213910	JOHNSON DEVER A	2011	64981	364.20
0560003302A	23062860	NAYLOR JACKIE	2011	90078	112.24
1820006007	51707970	UNKNOWN	2011	132164	92.31
017 2007	91140483	BRADLEY LINDA ROSE	2011	146797	55.91
17 1990	91140393	CANADY RUSSELL EDWARD	2011	146982	6.61
18 90 2005	91140664	CARROLL ALVIN WAYNE	2011	147014	1.39
014 1998	91140772	CLEMMONS BOBBY T	2011	147122	10.39
018 115 2001	91141263	FISHER RICHARD EARL	2011	147618	41.99
022 260 1992	91141486	GOULD MAURICE STEPHENSON III	2011	147839	18.96
015 2003	91141720	HELMS TORRENCE ONEAL	2011	148075	11.14
022 225 1988	91142110	JONES PHILLIP DAVID	2011	148468	1.18
014 008 2006	91142344	LEONARD MARVIN	2011	148699	9.98
	91142949	ORGOGLIOSO KEN T	2011	149308	38.72
25 250 1997	91142965	OWENS DWAYNE GERALD	2011	149324	44.63
025 225 2003	91143102	PISCITELLE PASQUALE JOSEPH JR	2011	149457	159.51
014 2005	91143201	RANDOLPH LENDELL	2011	149555	5.66
019 2000	91143208	RATCLIFFE DARRYL	2011	149562	29.47
26 225 2004	91143484	SCOTT KATHERINE JANE	2011	149816	92.09
015 050 2001	91143567	SIMMONS LISA R	2011	149897	11.10
019 150 2008	91143313	SMELSER YVETTE LEWIS	2011	149928	69.70
028 450 1999	91143862	THARP JESSICA LEE	2011	150222	171.92
21 115 2000	91144001	VEREEN REGINA H	2011	150364	25.43
16 40 2008	91144228	WILSON TIMOTHY HOWARD	2011	150595	29.22
26 200 1994	91144235	WINSTEAD RYAN KEITH	2011	150602	68.41
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	30545400	HUGHES GAS & GROCERY	2011	61439	576.91
	70472980	INMAN TONIE DEVONE	2011	62605	20.96
	60502957	MIKE MCDONALD CONSTRUCTION	2011	85346	40.38
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018 150 1976	91140542	BROBST RONALD FRANCIS	2011	146857	9.03
21 90 2007	91140841	COOK JARVIS EVERETTE	2011	147197	65.69
023 2006	91140912	CREECH NICKY D	2011	147260	178.66
017 1995	91140929	CROCKER CHRISTOPHER JAMES	2011	147277	9.63
022 050 1998	91140991	DAVIS BRIAN P	2011	147341	33.05
025 200 2009	91140999	DAWKINS JAMES TODD	2011	147349	3.54
017 2004	91141249	FERRELL DON R	2011	147600	42.20
16 1995	91143076	GAYLE PFITZER MELISSA	2011	147783	7.75

019 1999	91141537	GROOMS THOMAS HOWARD JR	2011	147890	66.94
021 2003	91141562	GYESLINCK LEON HENRY JR	2011	147916	1.85
20 140 1993	91141860	HOLDEN BEACH STORAGE	2011	148215	15.75
17 50 2008	91141927	HOWELL STEPHEN MICHAEL	2011	148282	21.24
016 030 2007	91142527	MARSH JACK DAVIS II	2011	148884	26.26
023 225 2008	91142907	NIX MICHAEL THOMAS	2011	149266	1.19
24 85 1989	91143020	PATE RANDY JAMES	2011	149376	28.51
21 350 1986	91143346	ROBINSON DOUGLAS LEE	2011	149680	20.07
017 2006	91143553	SILVER HILL DEVELOPMENT LLC	2011	149885	51.65
016 2001	91143631	SMITH RONAKI T	2011	149987	14.42
	70472980	INMAN TONIE DEVONE	2012	62762	18.10
	60556760	PADGETT WENDELL K (CONTRACTOR)	2012	94622	120.71
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	92144644	LOGAN SCOTT	2012	444644	62.61
	80001059	GLAMOROUS SALON & SPA	2012	300913	326.51
	80001059	GLAMOROUS SALON & SPA	2012	300914	356.20
	80001059	GLAMOROUS SALON & SPA	2012	300915	279.98
	80001059	GLAMOROUS SALON & SPA	2012	300916	301.52
	80001059	GLAMOROUS SALON & SPA	2012	300917	323.06
	80001059	GLAMOROUS SALON & SPA	2012	300918	344.59
	70472980	INMAN TONIE DEVONE	2013	67106	14.56
	53511020	MCELVEEN JAMES	2013	88315	29.47
	11893740	MURCHISON TERRIE	2013	95737	62.73
	60502957	MIKE MCDONALD CONSTRUCTION	2013	91554	39.50
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	60000010	2 B DISTINCTIVE LANDSCAPES INC	2013	301806	92.70
	80001059	GLAMOROUS SALON & SPA	2013	302212	326.51
	80030404	CEPO FOUNDATIONS LLC	2014	24655	7.59
	60502957	MIKE MCDONALD CONSTRUCTION	2014	303875	38.68
	50290998	GM COMPANY	2014	303028	207.13
	80002896	GALLOWAY LANDSCAPING	2014	302991	155.36
	80001059	GLAMOROUS SALON & SPA	2014	303025	182.31
	70472980	INMAN TONIE DEVONE	2014	303412	15.21
	52854135	HILBURN BASIL JR	2014	303260	15.21
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	60502957	MIKE MCDONALD CONSTRUCTION	2015	303838	42.01
	50290998	GM COMPANY	2015	302622	23.35
	80002896	GALLOWAY LANDSCAPING	2015	302552	98.73
	80030404	CEPO FOUNDATIONS LLC	2015	301954	8.45
	52854135	HILBURN BASIL JR	2015	302967	15.63
	80014945	POOLE JESSIE LYNN	2015	304223	0.84
	70472980	INMAN TONIE DEVONE	2015	303152	15.63
	80038561	SNYDER JAMES D	2015	126822	67.72
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	52854135	HILBURN BASIL JR	2016	302018	14.85
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	80035972	SACH INC	2016	302333	18.88
	60502957	MIKE MCDONALD CONSTRUCTION	2016	302374	41.64
	50290998	GM COMPANY	2016	302503	21.02
	11529635	LAWSON GRADY CLIFTON JR	2016	79694	37.51
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	80035972	SACH INC	2017	122400	7.13
	60502957	MIKE MCDONALD CONSTRUCTION	2017	96420	37.56
	30501010	HEAVY METAL CYCLE	2017	62167	27.82
	30409880	GEOFF WEATHERWAX CONSTRUCTION INC	2017	52789	41.78
	50290998	GM COMPANY	2017	53891	19.11
	80050027	SALON 17	2017	122630	74.37
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038BB026 A	11627300	LUBINSKY MURIEL B	2018	85562	275.29
168EB124 A	80021051	SELLERS STACY OBRIEN	2018	124146	133.50
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	30409880	GEOFF WEATHERWAX CONSTRUCTION INC	2018	301577	34.55
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ACCOUNT#	NAME1	TAXYEAR	BILLNUMBER	PRINCIPAL $
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201350901900	HILL RICKY DEVON	2013	509019	61.98
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201350911200	KNOTTS STEPHEN KRAIG	2013	509112	12.66
201350912300	DONOHUE JAMES JOSEPH	2013	509123	5.39
201350912600	KAPPLER RICHARD PETER III	2013	509126	7.39
201350914000	MURRAY JAMEY EDWARD	2013	509140	12.00
201350915400	JOHNSTON TAMELA SUE	2013	509154	8.64
201350919600	HOLDEN BRIAN KEITH	2013	509196	11.28
201350922700	DAVIS JACOB ALLEN	2013	509227	9.43
201350933200	MERRICK DONALD LEE	2013	509332	8.73
201350934600	HARDY ELIZABETH MICHELLE	2013	509346	5.29
201350945500	FYFFE LARRY WAYNE JR	2013	509455	5.53
201350946600	CLEMMONS JIMMY CARL	2013	509466	2.35
201350946700	MINTZ ROBERT OWEN JR	2013	509467	8.85
201350948900	PACKER DOUGLAS SHANE	2013	509489	5.31
201350956100	STANLEY JEREMY ALAN	2013	509561	5.93
201350956400	HAIGLER JASON SCOTT	2013	509564	8.71
201350958600	OATES MICHAEL CLARK	2013	509586	5.99
201350963800	DODGIN CHRISTY GUYTON	2013	509638	9.78
201350967600	COX LOUIS JR	2013	509676	5.61
201350968000	WILLIAMS RICHARD EDWIN JR	2013	509680	6.58
201350975400	LEOPARD DUSTIN RAY	2013	509754	8.33
201350979100	EAGLES JOHN ARTHUR	2013	509791	21.85
201350984900	MEEK CHARLES SHANNON	2013	509849	18.45
201350985200	MONCUS DONNA RENEE	2013	509852	19.45
201350986800	SAWYER RAYMOND KEELER	2013	509868	49.86
201350991600	LOWERY JOSHUA DEVON	2013	509916	9.82
201350995800	SOUTH EASTERN BIKERS ASSOCIATION INC	2013	509958	5.95
201350998100	TAYLOR BILLY RAY JR	2013	509981	34.65
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201351012500	WARD MICHAEL ANDREW	2013	510125	65.00
201351012600	WOOD CHARLES MORGAN	2013	510126	5.44
201351018900	MILES ANDREA FAYE	2013	510189	21.73
201351019600	BALLARD JANET GRANGER	2013	510196	30.86
201351021600	BALLOU BEVERLY JO	2013	510216	13.54
201351023100	REYNOLDS LISA JO	2013	510231	22.17
201351023200	MCARDELL NATASHA NICOLE	2013	510232	8.10
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201351041700	GALLOWAY JAMES MANUEL	2013	510417	5.62
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201351066800	BELLAMY CHIQUITTA FVALLENDEYSHIA	2013	510668	17.94
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201351084900	MILLER STACEY LYNN	2013	510849	13.98
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201351086700	AMOR XIOMARA	2013	510867	9.69
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201351169900	BRINKMAN BLAND MARY DIANE	2013	511699	15.53
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201351194500	PRICE TIMOTHY MAURICE	2013	511945	9.29
201351196000	CHATFIELD KENT ALLEN	2013	511960	13.63
201351198300	PARKER BARBARA ANN	2013	511983	30.71
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201351200900	WEAVER ALISHA LAINE	2013	512009	18.28
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201351202700	ADKINS KIMBERLY RENEE	2013	512027	17.26
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201351209100	BOLTZ ANGELLA BROOKE	2013	512091	18.98
201351212400	STREET CHARLES CLIFFORD	2013	512124	18.72
201351225200	ALSTON TAMEKIA SHANON	2013	512252	6.49
201351226200	SMITH MARGARET WALKER	2013	512262	9.69
201351230100	NORRIS STEPHEN EDWARD	2013	512301	3.18
201351237300	SHIPLEY BENJAMIN JOE	2013	512373	24.65
201351238100	FRINK MERITA ANN	2013	512381	15.27
201351238600	NAYLOR PATRICIA AGNES	2013	512386	61.75
201351240900	MILLIKEN EARL WAYNE	2013	512409	17.43
201351242800	BERNARD KRISTIE DAWN	2013	512428	11.95
201351243800	WILLIAMSON BYRONNIE KAY	2013	512438	29.64
201351249000	LEWIS GLEN IVAN	2013	512490	5.84
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201351254100	DAWSON CLARENCE ANTHONY JR	2013	512541	5.44
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201351260400	RAMSEY GREGORY	2013	512604	11.59
201351261800	LONG SUSAN SHOLAR	2013	512618	14.60
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201351281900	NIXON JENNIFER KELLY	2013	512819	55.64

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201351289000	BLACK PAUL CALVERT	2013	512890	96.69
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201351310000	FLUELLEN WILHELMENIA ROBINSON	2013	513100	48.48
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201351321900	NORRIS CLARA SIMMONS	2013	513219	27.70
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201351341200	FRAWLEY CHARLENE CHRAPOWITZKY	2013	513412	2.98
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201351362300	FORSYTHE RODNEY LEE	2013	513623	48.45
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201351417100	BROWN KENNETH MARK	2013	514171	1.23
201351418100	BROWN GEORGE LEVON	2013	514181	49.87
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201351425000	MCMILLAN WILLIAM II	2013	514250	9.43
201351432000	MORRIS ANGELA MARIE	2013	514320	25.11
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201351453600	BAKER KELLY LYNN	2013	514536	16.58
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201351493700	SANDBERG SHARON MARIE	2013	514937	85.70
201351498000	CARTER AYANA KAI	2013	514980	76.33
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201351510100	BAILEY REBECCA LYNN	2013	515101	59.58
201351510400	JONES JANICE MARIE	2013	515104	29.38
201351513200	JONES BRADLEY STEPHEN	2013	515132	145.82
201351514300	MALPASS CRYSTAL NICOLE	2013	515143	51.56
201351527900	THORNTON ROBERT JACOB	2013	515279	82.79
201351528200	BLUE STEVEN ARDEAN	2013	515282	58.92
201351531300	HICKS ROBERT THOMAS	2013	515313	5.27
201351533700	BONEY TARA LAYNE	2013	515337	13.48
201351539100	DUNN STEVEN MICHAEL	2013	515391	14.45
201351547200	HEWETT WANICE MCKINLEY	2013	515472	11.46
201351549800	SLAUGHTER PATRICIA BOYD	2013	515498	19.51
201351558100	DOWD ANNE MARIE	2013	515581	6.06
201351560600	FERRER TRAVIS EDWARD	2013	515606	5.00
201351564000	HODGES NATASHA MARIE	2013	515640	16.20
201351564500	WEBB RICKY JAY	2013	515645	7.79
201351564700	MCCOY MICHAEL EDWARD	2013	515647	13.41
201351568300	HORNE JERRY WAYNE	2013	515683	41.33
201351571800	WILLIAMSON JENNIFER LEA	2013	515718	52.54
201351575700	HOOPER ANGELA LYONS	2013	515757	16.59
201351579800	CLARK MEGAN MARIE	2013	515798	37.81
201351580200	FLUELLEN WILHELMENIA ROBINSON	2013	515802	27.86
201351597600	WARD WINFRED JAY	2013	515976	10.75
201351606700	SCOTT DANA MICHELE	2013	516067	44.92
201351616400	MUIR GEORGE DANIELS	2013	516164	175.14
201351632600	HOLDEN CARLETON LEO	2013	516326	37.44
201351632700	HAIR SHERRY CALLIHAN	2013	516327	11.90
201351636000	SININGER FELIX MARCIEL	2013	516360	120.60
201351639400	CONFARE TERESA LYNN	2013	516394	48.76
201351641200	BOZEMAN MELANIE ANNETTE	2013	516412	5.09
201351642800	JOHNSON AMANDA	2013	516428	35.64
201351651700	SILVA MICHAEL RAY	2013	516517	13.41
201351659800	HINES WILLIE LEE	2013	516598	8.63
201351660000	JOHN WILLIAMS PLUMBING INC	2013	516600	10.97
201351660200	STANLEY CHERYL LYNN	2013	516602	36.64
201351661300	HILL LINDSAY ANN	2013	516613	23.81
201351664600	POWELL TAMMY LEWIS	2013	516646	51.82
201351666400	POINDEXTER PHOEBE RENEE	2013	516664	29.31
201351668500	TYNDALL SAMUEL GORDON	2013	516685	10.18
201351668600	SAWYER ROBERT MICHAEL	2013	516686	15.33
201351674500	WALKER PAUL LAWRENCE II	2013	516745	30.75
201351674700	YAROLIN PAUL BRIAN JR	2013	516747	9.55

201351682300	MCBRIDE WANDA SUE	2013	516823	13.76
201351688000	GRISSETT SHAUNN DALE	2013	516880	26.77
201351695900	MCMILLIAN MICHAEL RODNEY	2013	516959	9.38
201351696400	STEPKA STEVEN PAUL	2013	516964	7.17
201351697500	LYNCH RHETTA ROWLAND	2013	516975	18.89
201351699700	WILSON DAPRIL LANETTE	2013	516997	135.38
201351703100	SELTZER AMANDA LOVE	2013	517031	10.34
201351703400	JONES MCKOY EDRIENE RENEE	2013	517034	111.55
201351711500	SEGRAVES TRACY PHILIP	2013	517115	65.10
201351716400	TORRES-ARRIA IRAIMA LIZBETH	2013	517164	27.89
201351717500	MCDONALD JONATHAN ALAN	2013	517175	10.76
201351723800	JOHNSON DONALD GARY JR	2013	517238	5.61
201351724300	JOHNSON TERRI LISA	2013	517243	120.05
201351728700	GAVIN ENTERPRISES CORP	2013	517287	125.17
201351729100	MUIR GEORGE DANIELS	2013	517291	97.55
201351731600	PRENTICE JOEL WIILLIAM JR	2013	517316	11.53
201351734800	HOWARD NICHOLAS SHAWN	2013	517348	9.12
201351736200	WILSON JOSEPH JAMES	2013	517362	41.52
201351736500	NEEDHAM ENVIROMENTAL INC	2013	517365	66.73
201351737000	SPRAGUE DAWN ELAINE	2013	517370	18.86
201351738300	SMITH SACOYA YVETTE	2013	517383	38.59
201351740700	AMERI CHRISTINE IDA	2013	517407	26.55
201351748700	MITCHELL TERRI NICHOLE	2013	517487	5.62
201351749000	CAMPBELL JENNIFER SUE	2013	517490	74.30
201351756300	VITITOE MICHAEL DALE	2013	517563	1.55
201351759200	MARYON AMBER DAWN	2013	517592	122.08
201351760600	DERBY STEPHANIE MARIE	2013	517606	48.72
201351771100	WILLIAMS ROBERT ALAN JR	2013	517711	9.74
201351772600	FAIRFAX ALTON GRANT	2013	517726	63.08
201351775400	TURNER TOM LEONARD	2013	517754	12.08
201351778700	FAIRCLOTH STEVEN	2013	517787	6.24
201351779100	HILBOURN TONYA LANAE	2013	517791	60.27
201351781400	WHITE JUSTIN KEITH	2013	517814	59.91
201351781800	THREEWITTS TRAVIS	2013	517818	47.88
201351782600	ROBINSON MELINDA FAULK	2013	517826	13.72
201351790500	SKET THOMAS JOHN	2013	517905	5.22
201351791000	MARTIN LATISHA LANAA	2013	517910	63.23
201351794900	DAVIS STEVEN MAURICE	2013	517949	23.11
201351796100	THOMAS STEPHEN PAUL	2013	517961	2.45
201351798100	HOBBS WILLIAM EARL	2013	517981	5.58
201351799700	STEWART JASON CHRISTIAN-REID	2013	517997	66.27
201351805600	ROBERTS CHRISTY LYNETTE	2013	518056	9.78
201351806800	FITZGERALD KELLY ANN	2013	518068	22.39
201351810100	ARI FLEET LT	2013	518101	98.99
201351811300	STEWART JASON CHRISTIAN-REID	2013	518113	27.06
201351812800	INMAN KENNETH MICHAEL	2013	518128	2.35
201351814900	REELS MARLON RAY	2013	518149	1.96

201351815800	OXENDINE JAMIE KEELAN	2013	518158	44.83
201351816400	SWINNEY SIBLEY STRAWN	2013	518164	83.93
201351819200	DAVIS STEVEN MAURICE	2013	518192	9.55
201351822700	WHALEY JOHNNIE EARL JR	2013	518227	11.58
201351822900	GARCIA JOSE ROBERTO LEMUS	2013	518229	25.64
201351828000	JACKSON JUSTIN DERRELLE	2013	518280	17.58
201351830800	SMITH BRIAN OMAR	2013	518308	15.58
201351834100	SIMON SHAWN PATRICK	2013	518341	18.25
201351836000	BARR ERICKA RENEE	2013	518360	77.28
201351838200	COPE MICHAEL SHANE	2013	518382	8.05
201351848100	THOMAS JOY EDANA	2013	518481	63.23
201351853000	FRINK BRANDON MANIECE	2013	518530	30.73
201351856700	CULLER JAMELL RASHAWN	2013	518567	28.05
201351860000	ELLIS JOSHUA CRAIG	2013	518600	68.37
201351861000	MCKEITHAN KRISTIE ANN	2013	518610	11.86
201351861300	WILLIAMS BETH MARLENE	2013	518613	19.66
201351867400	BAIR GREGORY SCOTT	2013	518674	28.22
201351869800	BRANCH KYLE WAYNE	2013	518698	17.76
201351871200	KRANTZ GRETCHEN MARIE	2013	518712	8.94
201351873800	BELL ALLISON LEANNE	2013	518738	23.23
201351878200	SON BRANDON DAVID	2013	518782	1.04
201351881100	BENDER CHRISTOPHER PAUL	2013	518811	96.42
201351883200	RAGEP CONSTANCE JEAN	2013	518832	5.53
201351887000	MARTIN DOUGLAS BRYANT	2013	518870	11.22
201351892000	MITCHELL LATOYA MICHELLE	2013	518920	20.44
201351893500	PHILLIPS ROBIN SCOTT	2013	518935	91.29
201351893800	DRIGGERS BILLY WAYNE JR	2013	518938	74.07
201351895100	LEGGETT DANIEL BRUCE	2013	518951	3.18
201351899900	BYRD WILLIE RAY JR	2013	518999	163.26
201351903400	WILLIAMS JESSE LYNN	2013	519034	11.42
201351909100	YEAGER ROY DANIEL	2013	519091	10.09
201351911400	HARVELL DERRICK AMOS	2013	519114	5.25
201351912900	KONISKI JESSICA CHRISTINE	2013	519129	35.83
201351914900	WHEELER MIKHAIL DE NIRO	2013	519149	17.64
201351918700	CHASE RICHARD KEVIN	2013	519187	15.44
201351921000	GATTIS WAYNE ANTHONY	2013	519210	6.24
201351924300	LEWIS MELISSA PAIT	2013	519243	55.56
201351925400	ANDERSON NICHOLAS SHAUN	2013	519254	15.00
201351927600	BRYAN ANTHONY TRAVIS	2013	519276	11.68
201351929900	PENDLEY BRANDON PATRICK	2013	519299	26.70
201351930000	BYRD BRANDON CRAIG	2013	519300	25.53
201351933300	GREENE ALEX DEMITIRUS	2013	519333	62.57
201351933700	WILLETTS FRANCES JOANN	2013	519337	20.18
201351937800	FARRELL DUSTIN LOUIS	2013	519378	12.59
201351938400	BULLOCK EVETTE MARIE	2013	519384	11.52
201351940400	SIMMONS ALAN WAYNE	2013	519404	5.27
201351954800	BELLAMY BRIAN ALLEN	2013	519548	10.71

201351967900	MOSLEY EDWARD TERRENCE	2013	519679	5.27
201351968300	BROWER DONNA JANE	2013	519683	5.61
201351968500	CLIFF ALBERT HARVEY-RILEY JR	2013	519685	7.04
201351972300	BRIGGS JOHNNY FRANKLIN	2013	519723	5.55
201351975300	WARD AMY BALLOU	2013	519753	34.87
201351975400	LANGLOIS CECIL RAY	2013	519754	9.26
201351981400	DENNIS MATTHEW KEITH	2013	519814	26.91
201351986100	CLARK KIRBY LYNN	2013	519861	7.50
201351988500	NAYLOR JACKIE GLENN	2013	519885	5.58
201351989700	LEWIS RONNIE DEL	2013	519897	5.09
201351991600	MULLINAX CHRISTOPHER EDWARD	2013	519916	8.88
201351996100	BURNS CONSTRUCTION	2013	519961	5.89
201352001700	ROUSE JAMES SWINSON	2013	520017	5.97
201352004700	LONG ROY CLIFFORD	2013	520047	7.39
201352005200	HAMM SCOTT WILLIAM	2013	520052	6.59
201352007000	WHITBY SUSAN MCLEAN	2013	520070	5.22
201352008600	GARTON JANET ANITA	2013	520086	5.53
201352010400	CAINE ERIK LAVAR	2013	520104	7.43
201352012800	OWL MELANIE LEE	2013	520128	9.16
201352025100	HONER DARREN DELANE	2013	520251	9.20
201352027500	DIAZ ROBERTO CORTES	2013	520275	6.03
201352031500	SMITH ASHBY YOUNG	2013	520315	20.49
201352034200	DINGLER NANCY LOUISE	2013	520342	24.32
201352036200	PRENTICE ERICA LEE	2013	520362	12.92
201352037500	CARTER JEFFERY SCOTT	2013	520375	11.24
201352039100	SIMMONS ROBYN MICHELLE	2013	520391	19.78
201352040100	HOLMES PAIGE SHANIQUIA	2013	520401	10.44
201352042200	HEWETT NATHAN CORY	2013	520422	16.99
201352046400	ROBERTS TAMRA DIANE	2013	520464	19.97
201352047500	COX MAURICA DANIELLE	2013	520475	15.27
201352050100	GILLISON CLAYTORA BERNETHA	2013	520501	16.64
201352050200	ROBINSON DEMEIR MONTEL	2013	520502	23.64
201352072900	JAIMES CELIA DOMINGUEZ	2013	520729	38.23
201352074700	WILLIAMS ANGELA MINGUS	2013	520747	19.37
201352077800	DAVIS DENISE MICHELA	2013	520778	20.89
201352080200	HAWKINS CARSON AVERY	2013	520802	15.62
201352082000	MANGIERI JOSEPH	2013	520820	1.56
201352087700	WILLING CHRISTOPHER SCOTT	2013	520877	13.18
201352089000	CROSS WILLIAM E	2013	520890	2.12
201352091700	DAVID JEROME	2013	520917	25.06
201352097700	BALLARD KASHARA JALIESA	2013	520977	24.03
201352097900	MURPHY CATHLEEN NICOLE	2013	520979	25.86
201352098700	NETZER CHARLES NORMAS JR	2013	520987	8.50
201352098800	STANTLIFF KEITH HERBERT	2013	520988	19.54
201352099200	WOOTEN SABRINA HOLLY	2013	520992	11.86
201352100600	SKRUMBELLOS BRAD LEE	2013	521006	10.97
201352101500	BENTON CORY ELLIS	2013	521015	12.57

201352103800	JINWRIGHT RALPH AGUSTA	2013	521038	17.92
201352104900	HUFF JULEIGHA MARIE	2013	521049	36.82
201352107600	BRUNQUELL ALYSON NICOLE	2013	521076	11.15
201352109200	BLUE CHARLES ONAN	2013	521092	10.49
201352109500	ROOF DAVID SCOTT	2013	521095	16.28
201352116800	JONES CANDICE BUNCH	2013	521168	4.59
201352118700	DEANGELO DANIEL	2013	521187	6.90
201352119300	PORTER JONATHAN DWAYNE	2013	521193	14.71
201352119900	GURLEY JOHN ROBERT JR	2013	521199	16.02
201352120700	JUAREZ JOSE MARTINEZ	2013	521207	7.79
201352123000	T MORGAN TRUCKING & GENERAL CONSTRUC	2013	521230	18.59
201352128700	HESTER ANGELA LYNN	2013	521287	14.43
201352129600	JENKINS BENJAMIN TODD	2013	521296	11.95
201352131600	SMITH NICKOLAS WAYNE	2013	521316	32.16
201352132100	PUGH JO ANN-MORGAN	2013	521321	6.02
201352133700	MOORE CONNIE BELLAMY	2013	521337	5.77
201352137100	MURRAY CHARLES LEE	2013	521371	18.77
201352141900	QUINONES JOSE ANTONIO	2013	521419	15.40
201352152800	SERGENT THOMAS ALLEN	2013	521528	5.71
201352161400	JACOBS COURTNEY BRIONA	2013	521614	11.46
201352161500	KERR ALLISON WESCOTT	2013	521615	31.42
201352163900	SLAWINSKI STANLEY ALOYSIUS	2013	521639	1.51
201352166300	GOOCH JAMES MARSHALL	2013	521663	21.02
201352166600	DEASON JERRY WAYNE	2013	521666	16.55
201352168100	VAZQUEZ DAWN MARIE	2013	521681	13.41
201352175300	COWAN JOSEPH EDWARD	2013	521753	8.85
201352175600	FORMYDUVAL GABRIEL ADAM	2013	521756	6.15
201352180600	HEWETT AMMA ROYALS	2013	521806	9.78
201352181700	GRIFFITH BONNIE LEE	2013	521817	14.82
201352182900	BRICE ANTONIO DEWAYNE	2013	521829	13.32
201352183500	ANDRADE JOHN ALEXANDER	2013	521835	39.65
201352183800	ROBBINS ELLA KNOX	2013	521838	25.97
201352184600	CHATFIELD AMANDA LYNN	2013	521846	35.18
201352185900	HOUGH NOAH ANDREW	2013	521859	34.46
201352188200	MILLIGAN CHARLOTTE RUSS	2013	521882	21.20
201352189600	MANUS RICHARD BLAKE	2013	521896	15.98
201352191500	SANDERSON TRACY SHEILA	2013	521915	13.66
201352194300	HEROUVIS KLEANTHIS ANTHONY	2013	521943	10.22
201352200200	JAIMES IRMA DOMINGUEZ	2013	522002	17.57
201352202100	SIMMONS TERESA CRISCO	2013	522021	16.59
201352203700	AGUILAR NOLBERTO ABIGAIL RAMIREZ	2013	522037	8.85
201352204800	WATSON JAMES RODELL JR	2013	522048	11.46
201352207100	MCMILLAN WILLIAM JR	2013	522071	9.92
201352207400	HALE CALVIN RANDLE	2013	522074	8.54
201352212800	TEBEAU PHYLIS SILER	2013	522128	18.14
201352212900	REAVES AMBER NICOLE	2013	522129	14.34
201352214600	HERRING JUDY	2013	522146	14.11

201352215700	EDWARDS MARK KELLY	2013	522157	22.87
201352215900	MCMICHAEL HEATHER NICOLE	2013	522159	15.44
201352220300	GRADY BRITTANY DEMETRA	2013	522203	26.64
201352226100	WILLIAMS ALTHEA DENISE	2013	522261	14.16
201352228300	ARELLANO EDUARDO SANCHEZ	2013	522283	8.30
201352228500	FLORES MICHELLE LEIGH	2013	522285	30.15
201352229700	MARLOWE SHANETTA LA SHAY	2013	522297	7.26
201352231000	DERIDDER MCARTHUR BRENT	2013	522310	10.13
201352231600	BLAKE KIMBERLY GARRETT	2013	522316	27.80
201352231900	CRUSE MEGAN SQUIRES	2013	522319	10.93
201352233300	JOHNSON FREDRIC TIMOTHY	2013	522333	14.51
201352236100	MOLNAR MATTHEW JAMES	2013	522361	17.76
201352238000	CERRATO SHANNON CATHRINE	2013	522380	16.04
201352239000	STANALAND INC	2013	522390	5.44
201352240300	BOWERS WILLIAM EARL	2013	522403	25.05
201352247800	ROBERTS CHRISTY LYNETTE	2013	522478	9.43
201352252600	TODD JOSHUA SCOTT	2013	522526	13.67
201352252900	BARRIER ANITA MICHELLE	2013	522529	24.69
201352256900	RIFE MERRY SUZANNE	2013	522569	14.20
201352266900	BOWLING MICHELLE SILVIA	2013	522669	28.42
201352269700	CLIFF SARAH LOUISE	2013	522697	22.13
201352270100	LOVITT CARRIE ELIZABETH	2013	522701	6.68
201352276100	STROUD PAMELA TODD	2013	522761	18.14
201352279400	COBB JEFFERY LAQUINN	2013	522794	17.70
201352282000	HOBBS WILLIAM EARL	2013	522820	12.61
201352287500	PRESET JENNIFER LYNNE	2013	522875	13.30
201352294500	WELCH ROBERT MARION	2013	522945	14.77
201352295000	WATKINS MARY ELIZABETH	2013	522950	7.78
201352304600	RAY JOSEPH JACKSON JR	2013	523046	53.90
201352307800	BROWN LYNDA	2013	523078	42.04
201352314600	SEDLER ANNE ROBIN	2013	523146	7.21
201352316300	ISON LEAH GAYLE	2013	523163	23.23
201352328100	FAIRFAX NICOLE LYNN	2013	523281	23.81
201352330000	JOYNER CYNTHIA HOPE	2013	523300	71.23
201352342900	ST-GEORGE CHERYL GREENWELL	2013	523429	12.66
201352347400	ALVAREZ RODRIGO GARCIA	2013	523474	35.18
201352353900	STUMP DANNY RAY	2013	523539	18.31
201352360200	JUSTICE KIMBERLY HINSON	2013	523602	59.22
201352362000	HUGHES PRISCILLA LEACH	2013	523620	7.73
201352363900	RAMIREZ MATEO MEJIA	2013	523639	27.03
201352365100	INCRETE OF THE CAROLINAS	2013	523651	77.92
201352368000	CROOKS STEVE ALLEN	2013	523680	15.40
201352368800	TRELLA PAULA PEARCE	2013	523688	20.93
201352372000	GONZALEZ-LORENZO SERGIO	2013	523720	26.82
201352374500	ROBBINS TOSHA NEKEITA	2013	523745	50.57
201352375600	COBB JEWEL DIANE	2013	523756	39.56
201352384800	MUNSEY KAREN MICHELLE	2013	523848	10.53

201352385200	ASHWORTH JOEL KRAIG	2013	523852	6.73
201352386500	KNOX SHERMAN LEE	2013	523865	7.05
201352395900	TREADAWAY RICHARD BURT	2013	523959	80.64
201352399600	GAINVORS ROSEMARY HELSEL	2013	523996	69.15
201352401900	HENRY CHRISTOPHER FRANKLIN	2013	524019	23.55
201352403300	CANFIELD JULIE ANN	2013	524033	67.35
201352405400	KOOKABURRA LICORICE INC	2013	524054	111.02
201352414000	GRIFFIN MARY KATHRYN RICKMAN	2013	524140	5.31
201352418600	TALBOT JOHN ADAM JR	2013	524186	14.25
201352421000	BRYANT FRANCES FLEMMING	2013	524210	93.64
201352422300	GRAHAM JONATHAN WENDELL	2013	524223	40.18
201352423000	LOPEZ ALICIA BETH	2013	524230	85.27
201352424400	HEGEDUS JAMES MICHAEL	2013	524244	5.66
201352427900	MCKIMM APRIL DELORES	2013	524279	11.77
201352431100	LEWIS DANITA ENSLEY	2013	524311	65.67
201352431200	SUKHORUKOV A P	2013	524312	134.14
201352432600	BLYTHE MICHAEL PATRICK	2013	524326	66.70
201352434500	EDWARDS HANNAN MICHAEL	2013	524345	48.59
201352437500	GARDNER CHANNING DENESHIA	2013	524375	22.30
201352438400	TUTTLE DUSTIN LEE	2013	524384	12.74
201352442000	LUCAS CRAIG LYNN	2013	524420	83.38
201352449300	REGISTER MATTHEW NELSON	2013	524493	30.71
201352451400	WILLIAMS RONNIE	2013	524514	29.16
201352454000	DOMINGUEZ AGUSTIN LARA	2013	524540	19.93
201352465300	CREECH AMANDA LYNN	2013	524653	13.36
201352468000	CORTES YOSHA TYWONIA	2013	524680	20.40
201352470000	REEVES GABRIELLE TELLESA	2013	524700	11.70
201352472300	WILSON DAPRIL LANETTE	2013	524723	67.60
201352477000	EDWARDS BRITTANY JOYCE	2013	524770	14.65
201352477500	HUNTER THOMAS MICHAEL	2013	524775	84.78
201352479500	WILLIAMS RAUN MICHAEL	2013	524795	52.88
201352479700	GRANGER RUFUS JR	2013	524797	87.18
201352488100	MCRAE BRENDA LEE	2013	524881	137.75
201352493200	BORDEAUX MICHAEL TERELLE	2013	524932	40.75
201352497700	CAUSEY SUSAN ANN	2013	524977	46.64
201352499400	TIFFANY CLINIQUE TAYLOR	2013	524994	23.13
201352501100	BRUBAKER JENNIFER	2013	525011	32.43
201352505900	GIBSON AUDREY CUNDIFF	2013	525059	51.20
201352511100	MARTIN TINA MARIE	2013	525111	104.16
201352515000	SMITH CRYSTAL BRITTANY	2013	525150	14.96
201352515900	CLOSSON BARBARA SCHELL	2013	525159	2.73
201352520300	CRON REGINA FORMYDUVAL	2013	525203	12.35
201352528300	BARKER DAVID ALLEN	2013	525283	59.96
201352531500	WARD MAJOR PAUL JR	2013	525315	69.16
201352542500	SIMMONS JAMES ROBERT	2013	525425	21.95
201352543200	BARNHILL BRANDYN MCCLEAR	2013	525432	11.68
201352544600	MULVANEY SHANNON FLORA	2013	525446	25.00

201352559900	GARDNER CHANNING DENESHIA	2013	525599	24.78
201352564000	NGUYEN PETER	2013	525640	115.41
201352569400	LANE BRANDY MAE	2013	525694	30.16
201352572000	PARK KAITLYN KEE	2013	525720	26.89
201352576000	LEONARD ANGEL HEWETT	2013	525760	31.99
201352577900	SCHOENICK CHARLOTTE WILSON	2013	525779	27.57
201352579000	SIMPKINS JESSICA MAE	2013	525790	11.28
201352580700	HODGES LINDA KAY	2013	525807	9.69
201352584200	GRANDA DONNA YARBOROUGH	2013	525842	2.67
201352584800	COASTAL CUSTOM CARPENTRY,LLC	2013	525848	8.59
201352587400	SIMPSON CHRISTOPHER SCOTT	2013	525874	66.82
201352588500	ATKINSON SHANNON MARIE	2013	525885	8.94
201352597400	BRYANT SABERNA NICOLE	2013	525974	23.62
201352603500	MCGEEHEN CAMMERON JOSEPH	2013	526035	31.60
201352603800	HAYES CHARLITA MARIE	2013	526038	5.89
201352604300	MARKSBERRY MATTHEW JAMES	2013	526043	131.62
201352614900	ROBINSON TERESA CRIBB	2013	526149	78.00
201352618100	MEDLIN SUSAN LYMAN	2013	526181	5.27
201352621000	LINNARTZ LONNIE SCOTT	2013	526210	16.02
201352623200	COATES RANDOLPH LEE JR	2013	526232	5.80
201352624000	COUNTRY LP	2013	526240	31.95
201352625700	MARSHALL MARCIA MICHELLE	2013	526257	18.67
201352627700	CONKLIN CLAIR ARTHUR	2013	526277	7.67
201352629000	DORTON JACKIE LYNN	2013	526290	39.21
201352633600	VEREEN MARTHA BABSON	2013	526336	21.11
201352645700	SCARTH BRYAN DAVID	2013	526457	93.68
201352649000	BRYANT DON CORDELL JR	2013	526490	49.03
201352657400	HEWETT KANDACE ELYSIA	2013	526574	5.94
201352657500	WILSON DAPRIL LANETTE	2013	526575	40.27
201352657700	SMITH ARCHIE	2013	526577	7.67
201352658300	FISHER HEATHER DAWN	2013	526583	44.78
201352659900	CANNON KELLY DARLENE	2013	526599	13.50
201352668200	JONES MILESSA CHANTE	2013	526682	54.83
201352673000	FOWLER WANDA HALL	2013	526730	15.93
201352680700	BASS BRYAN AUSTIN	2013	526807	107.87
201352683000	BRYANT KIMBERLY NICOLE	2013	526830	9.03
201352688800	OHAGAN CHARLES VINCENT SR	2013	526888	79.65
201352689700	WHITLOCK TRAVIS WAYNE	2013	526897	21.14
201352690500	BERRY CLINTON BLANE	2013	526905	87.39
201352693400	CONNETTE TUCKER BENJAMIN	2013	526934	2.72
201352696300	EDES MARK CHRISTOPHER	2013	526963	11.59
201352703200	HALLE PHILIP FRANCIS	2013	527032	300.98
201352708500	PATRICK BRETT MAXIE	2013	527085	23.29
201352709300	FREEMAN LAQUENTA NAKITA	2013	527093	5.89
201352710700	HED MICHAEL LEON	2013	527107	24.06
201352717300	LOCKLEAR JANET DENISE	2013	527173	9.65
201352717700	WASHINGTON DEBRA STEWART	2013	527177	63.70

201352718600	KEMP DEBRA LYNN	2013	527186	16.20
201352721400	THREEWITTS TRAVIS	2013	527214	85.71
201352724900	LUCCHESE CHRISTIAN SCOTT	2013	527249	7.87
201352732600	BURTON KAYLAN MARIE	2013	527326	23.15
201352740200	ADKINS EDWARD KEITH	2013	527402	15.89
201352742200	SNYDER MICHAEL JOSEPH	2013	527422	22.28
201352743100	POWELL MASON DEVON	2013	527431	119.16
201352743300	MATTHEWS CARMEN MILAM	2013	527433	203.45
201352746900	WISE KEVIN FLOYD	2013	527469	10.18
201352749000	HEWETT TANNA LYNN	2013	527490	5.26
201352751000	MCCRAY KATRINA LYNN	2013	527510	50.40
201352752300	CORBETT DRAMECO MAHOAH TRYMAINE	2013	527523	71.11
201352755500	WEINACHT RICHARD JUSTIN	2013	527555	173.15
201352757700	DYSON MOSES	2013	527577	229.69
201352758700	CARRUOLO KATHLEEN MARIE	2013	527587	61.30
201352759900	LUCAS CRAIG LYNN	2013	527599	113.16
201352761000	CLINTON WHITNI LASHAY	2013	527610	15.45
201352764300	MYRICK-VENDETTI HEATHER NICOLE	2013	527643	34.16
201352765300	MATHIAS MICHAEL WILLIAM	2013	527653	1.37
201352766500	BRIGGS AMBER MARIE	2013	527665	72.79
201352767600	ELSASSER VICTORIA JAYNE	2013	527676	46.06
201352768800	FLYNN AMELIA MAY	2013	527688	8.70
201352769900	PERLEY ALLAN RUSSELL	2013	527699	8.98
201352773900	HALES TANYA SHAW	2013	527739	16.28
201352780500	STOLFER JASON JON	2013	527805	101.13
201352781300	DELAPP THOMAS JOSEPH	2013	527813	6.12
201352783900	YARBOROUGH GWENDOLYN IRENE	2013	527839	5.04
201352786100	SALZMAN NICOLE MARIE	2013	527861	16.06
201352788900	PIERCY BRUCE ANTHONY	2013	527889	74.78
201352789000	HENRY LOIS BEATRICE	2013	527890	69.65
201352791700	JENKINS JOSEPH CHARLES	2013	527917	205.29
201352794500	GILBERT AUDREY MORGAN	2013	527945	17.30
201352794600	RICHARDSON JARROD HOKE	2013	527946	15.49
201352796600	FILOMENA REBECCA LORRAINE	2013	527966	67.04
201352798400	GARNER JUSTIN CHARDEA	2013	527984	13.23
201352804400	PHILLIPS CHRISTA MINIQUE	2013	528044	1.81
201352809400	ELLSWORTH BRIAN GERARD	2013	528094	45.62
201352810600	BRANHAM COURTNEY NICOLE	2013	528106	104.54
201352819500	ONEAL MARIAN ANNETTE	2013	528195	7.61
201352820700	FAIRFAX JEREMY GRANT	2013	528207	27.09
201352823200	BROWN TYRONE FITZGERALD	2013	528232	69.61
201352824000	TERRY JEREMY ALLEN	2013	528240	32.79
201352824600	SIMMONS CHANIELLE CARTISHA	2013	528246	13.36
201352825000	NARRON RANDALL PAUL	2013	528250	119.92
201352825200	JONES FORREST TELL	2013	528252	84.89
201352826600	WILLIAMS KASSINDA GHENT	2013	528266	12.83
201352826800	MULLEN HEATHER RAE	2013	528268	45.31

201352828300	HANNA MEAGAN DANIELLE	2013	528283	1.09
201352835900	DRAUGHON GEORGIA CHRYSOSTOMIDES	2013	528359	7.54
201352836100	KNOX SHADERICA LYNETTE	2013	528361	28.05
201352836300	GARNER GREGORY BRYAN	2013	528363	21.73
201352837200	TOWERS JANEL LYNN	2013	528372	28.69
201352838500	CORTES OMAR RIVERA	2013	528385	50.80
201352841200	CUTHBERT DILLON JOHN	2013	528412	16.72
201352841300	GORE KIESHA AQUNA	2013	528413	44.78
201352853300	KELLY WENDY ANDERSON	2013	528533	14.83
201352854700	ASKINS BRANDON JAMES	2013	528547	16.73
201352856400	BROCHURE JOSEPH RAY	2013	528564	150.06
201352857600	HAMMONDS REBECCA JANE	2013	528576	9.78
201352857900	HERRIDGE LORI ANN	2013	528579	150.34
201352858700	BARROW JAMES BRYCE	2013	528587	15.87
201352860200	SEAL DAVID MICHAEL	2013	528602	111.71
201352868200	JUNEAU ROBIN RENEE	2013	528682	26.99
201352874600	HARGROVE SHENELL MARIE	2013	528746	33.36
201352885000	MARTINEZ JUAN PEDRO JR	2013	528850	18.67
201352887100	ALDEN MONROE INC	2013	528871	8.81
201352888800	NEWSOME WALTER RAY JR	2013	528888	87.39
201352890100	BEERS KAYLA RAE	2013	528901	15.89
201352893900	MCKENNEY DAVID MICHAEL	2013	528939	14.29
201352895200	CIERPIOT JOSEPH MICHAEL	2013	528952	4.34
201352903900	GRISSETT RACHEL DIANE	2013	529039	39.52
201352908600	BARR MELISSA RENEE	2013	529086	20.13
201352910800	HEWETT ALONZO JR	2013	529108	39.85
201352912700	ROBLES JESSICA JILL	2013	529127	62.42
201352913700	OTIS BILLY CLU	2013	529137	67.47
201352917500	ROBINSON JAMES DUDLEY SR	2013	529175	61.27
201352920900	ALFORD STEVEN LAWRENCE JR	2013	529209	12.43
201352925200	FIELD DEVIN MICHAEL	2013	529252	82.98
201352928300	CAULFIELD BRIAN PATRICK	2013	529283	12.64
201352928600	GIGUERE ALFRED WILBROD	2013	529286	17.35
201352951000	STEIN ANDREW JAMES	2013	529510	6.06
201352951600	CHADWICK RICHARD EARL	2013	529516	5.04
201352955600	LILES JEFFERY HARRISON	2013	529556	5.00
201352956800	CHAMBERLIN CARL STUART III	2013	529568	7.17
201352967200	LUDKE WALTER ALBERT	2013	529672	6.73
201352968600	BALLARD JAUHAR HASSAN	2013	529686	7.70
201352981700	SKET THOMAS JOHN	2013	529817	7.96
201352988200	JONES MELTON NORRIS	2013	529882	6.66
201352999700	LANIER TERRY RAY JR	2013	529997	5.00
201353002000	BARNWELL CHRISTOPHER LYNN	2013	530020	5.08
201353002300	BRIGGS RODNEY KEITH	2013	530023	6.06
201353004200	FOWLER WANDA HALL	2013	530042	7.57
201353004300	WRAY RONDA YATES	2013	530043	10.99
201353008300	HICKMAN WESLEY ALLEN	2013	530083	5.31

201353010600	BRYANT DAVID JR	2013	530106	11.87
201353010700	PRICE LLOYD JULIAN	2013	530107	7.97
201353014300	HUNTER JIMMY DAVIS	2013	530143	8.62
201353017100	HARWARD DAVID HUTCHINS	2013	530171	5.02
201353019100	CUZICK CHAD ALLEN	2013	530191	6.01
201353026700	NICHOLS CARL VINCENT	2013	530267	5.00
201353030900	BROTHERS SIMONE DAWN	2013	530309	8.56
201353033800	JORDAN MANSFIELD BRISCOE JR	2013	530338	20.31
201353037500	MCMILLIAN ALPHONZA	2013	530375	7.12
201353037700	GAUSE RALPH	2013	530377	21.15
201353041300	MABE TONYA MICHELLE	2013	530413	21.42
201353043400	SHORE TO SHORE MOVING & STORAGE	2013	530434	18.94
201353046500	HOLT BRANDON MARTIN	2013	530465	11.33
201353046900	CHAMBERS JOSH LOGAN	2013	530469	7.74
201353052700	FORMYDUVAL DONNIE WILBUR	2013	530527	15.58
201353060000	FORMYDUVAL DONNIE WILBUR	2013	530600	25.75
201353060100	MACDONALD ANGIE ROCHELLE	2013	530601	22.78
201353064700	BELVIN ROBERT HUBERT JR	2013	530647	29.01
201353065100	SIMMONS TAMERA ERWIN	2013	530651	23.46
201353071500	SPENCER HERMAN PARKER	2013	530715	14.91
201353076500	HEWETT WANICE CLAYTON	2013	530765	21.28
201353078000	HENSLEY JOSHUA ADAM	2013	530780	16.12
201353078200	STEVERSON JERMIKA DOMINQUE	2013	530782	15.71
201353079300	TEAL HUBERT WILLIAM III	2013	530793	16.11
201353080000	VARNER JIMMY MARTIN	2013	530800	21.47
201353084200	HOLMES DAVID PATRICK	2013	530842	10.00
201353086300	ROBBINS GARY WADE	2013	530863	16.15
201353090800	SPIVEY ANTHONY	2013	530908	26.46
201353091000	JONES KIMBERLY MARIE	2013	530910	26.95
201353093300	DAVID DARI-LEE PENA	2013	530933	25.30
201353095300	EADES MICHELLE CLEMMONS	2013	530953	10.00
201353100100	HARWARD DAVID HUTCHINS	2013	531001	9.98
201353102700	BURNETT MICKEY VAUGHN	2013	531027	8.49
201353104300	CUMMINGS MICK RYAN	2013	531043	8.43
201353105400	ALLEN RAYMOND WILSON	2013	531054	27.57
201353107800	JERNIGAN JUSTIN PERRY	2013	531078	12.18
201353108500	GREENE DEBORAH DENISE	2013	531085	8.55
201353110900	JENKINS ASHLEY LEANNE	2013	531109	6.11
201353111200	BRYANT JEFFREY CARLYLE	2013	531112	15.27
201353116900	MARTIN SHIRLEY TYSINGER	2013	531169	6.42
201353117400	BELL AMY NICHOLE	2013	531174	5.91
201353120000	DIXON ALASHA DIANE	2013	531200	32.43
201353123000	GIBBS RONNELL SHAVAR	2013	531230	7.79
201353123500	MARSH JACK DAVIS II	2013	531235	18.96
201353124900	GESCAT SHERRY ROSE	2013	531249	7.65
201353125800	HARPER PATRICK WAYNE	2013	531258	10.58
201353128100	PERTELLE MELANIE LINETTE	2013	531281	14.01

201353129600	DAWSON SHERRY PIPPINS	2013	531296	35.76
201353132100	BALLANTINE ELIZABETH BAXTER	2013	531321	26.98
201353133500	CRIBBET BRIAN LEE	2013	531335	17.68
201353133800	BARNES KELLY KAY	2013	531338	21.24
201353140100	FILOMENA REBECCA LORRAINE	2013	531401	20.13
201353149900	BELL THOMAS CHRISTOPHER	2013	531499	9.38
201353152300	HARLEE MECHELLE ANDRANETTE	2013	531523	8.72
201353156400	NICHOLSON WAYNE DOUGLAS	2013	531564	49.54
201353156800	EICHLER RYAN CHARLES	2013	531568	6.64
201353156900	ELKINS ANGELA FERGUSON	2013	531569	6.20
201353158700	HARTS AMANDA SHEA	2013	531587	14.79
201353176800	WATERWAY CREATIONS LLC	2013	531768	25.27
201353180000	BENAVIDES JOSHUA EMMANUEL	2013	531800	28.63
201353180200	FOCHT STEPHANIE ELISE	2013	531802	7.90
201353180500	MOOSE WILLIAM TODD ANDREW	2013	531805	13.63
201353191400	JENKINS TINA MABE	2013	531914	5.75
201353198500	SAMUELS STEPHANIE EWINGS	2013	531985	38.10
201353198600	MILLS KAY MOORE	2013	531986	5.93
201353199400	EVANS AARON BRADLEY	2013	531994	15.95
201353203600	HILL CARL LAMAR	2013	532036	14.82
201353205600	HOCK THOMAS MICHAEL	2013	532056	12.79
201353205900	FELICETTY AMIE ELIZABETH	2013	532059	23.85
201353211600	IVEY CYNTHIA DAWN	2013	532116	20.62
201353211800	THARP MITZI CAROLINE	2013	532118	10.31
201353212700	OVERTON CHRISTOPHER DWAYNE	2013	532127	27.75
201353215200	HOLLOMAN TINA MARIE	2013	532152	25.31
201353217000	MUNSON ANGELA JEAN	2013	532170	9.87
201353219100	ROBINSON CHRISTOPHER MICHAEL	2013	532191	6.28
201353219500	LONG APRIL CHEYENNE	2013	532195	7.39
201353221300	BUSHMAN LESLIE JO	2013	532213	56.85
201353222700	DELMONICO CHRISTOPHER JAMES	2013	532227	20.61
201353227900	SIMMONS ROY HARDEN II	2013	532279	7.08
201353228100	BLODGETT ANTHONY MICHAEL	2013	532281	8.72
201353235300	YORK SHAUN ALAN	2013	532353	21.15
201353239200	BLEDSOE MICHAEL EDWARD JR	2013	532392	9.74
201353240600	BENNETT PAMELA MICHELLE	2013	532406	1.47
201353247200	FAIRCLOTH SHANNON DEWAYNE	2013	532472	17.30
201353251800	FARMER JEREMY EDWARD	2013	532518	46.18
201353252200	GERMINARIO VITO J	2013	532522	23.28
201353252700	COMBS MICHAEL STEVEN	2013	532527	7.23
201353257000	POE JESSE NATHANIAL	2013	532570	39.65
201353260300	MCCLAIN WENDY LEE	2013	532603	18.40
201353267500	GRAHAM EARNEST LEON	2013	532675	6.07
201353268000	ST GEORGE JAMES CHARLES JR	2013	532680	14.56
201353272300	CARTER JEFFERY SCOTT	2013	532723	6.73
201353273200	POWELL LISA LOUISE	2013	532732	11.99
201353274600	LANE HEATHER DUDLEY	2013	532746	12.16

201353279400	GRAHAM JOHNNIE MAE	2013	532794	24.65
201353282300	PACKER RONALD TERRY	2013	532823	22.83
201353299200	HOLDEN CYNTHIA ANNE	2013	532992	2.36
201353316500	RORIE BETHANIA	2013	533165	43.43
201353325800	JOHNSON JOHNNIE LARONZIA	2013	533258	30.09
201353330900	WADE TYRAN MAURICE	2013	533309	39.20
201353333600	LUNDY JENNIFER MICHELLE	2013	533336	33.19
201353335400	CARTER ERICAMARIE	2013	533354	6.42
201353337800	GRALAK SUZETTE MICHELE	2013	533378	15.44
201353338000	ASHLINE BRIAN PAUL	2013	533380	39.16
201353339100	GALLUP LYNSIE OMEGA	2013	533391	45.62
201353341200	MCCALL SHAWN CHRISTIAN	2013	533412	114.52
201353353700	FRINK BRANDON MANIECE	2013	533537	48.94
201353356100	MILLS KAY MOORE	2013	533561	12.21
201353361300	SIMS SHIRLEY DIANNE	2013	533613	124.99
201353362800	CUMBEE LATICIA LYNNE	2013	533628	24.07
201353368400	HARDEN JEFFREY TODD	2013	533684	11.73
201353374400	DRIGGERS JOSHUA ADAM	2013	533744	76.66
201353374800	HOWARD JOSHUA RICHARD	2013	533748	21.37
201353381600	DANIELS RICKIE BARNARD	2013	533816	31.33
201353399600	TAYLOR ANTHONY SCOTT	2013	533996	23.94
201353399700	JOHNSON DEBORA PHELPS	2013	533997	15.74
201353409700	SATTLER WILLIAM WARDER	2013	534097	42.35
201353410200	STANLEY JEREMY CRAIG	2013	534102	81.02
201353414100	SMITH MARSHALL ROBINSON JR	2013	534141	33.32
201353429700	MCMAHON MARK JOHN	2013	534297	81.91
201353434900	NORRIS MALISSA JEWEL	2013	534349	26.11
201353436700	MIKSCH DAVID LEE	2013	534367	100.57
201353443400	APEX FRAMING INC	2013	534434	5.95
201353447000	SMALL JONATHAN PATRICK LEE	2013	534470	5.58
201353447900	VANCE CORNELIA RICHARDSON	2013	534479	7.17
201353456200	HEROLD NICHOLAS WILLIAM	2013	534562	5.79
201353458200	BRYANT JAMES WESLEY	2013	534582	20.13
201353459900	HANES THOMAS ELMER	2013	534599	3.43
201353481300	BARNES KELLY KAY	2013	534813	64.52
201353483000	SMITH JERIMIAH THOMAS	2013	534830	8.45
201353484400	GIBSON REBECCA ANDERSON	2013	534844	29.22
201353485400	FORSYTHE TIFFANY MARIE	2013	534854	50.18
201353487300	WILLIAMSON CHRISTOPHER SHANE	2013	534873	36.86
201353488400	GIBBS KIMBERLY LOU	2013	534884	42.75
201353489600	LITTLE SANDPIPERS LEARNING CTR II	2013	534896	15.44
201353490100	WALSH THERESA ANN	2013	534901	16.51
201353492000	JOHNSON WENDY POWELL	2013	534920	26.11
201353496900	WHITE-LEWIS TIFFANY YOLANDA	2013	534969	61.30
201353508600	GREENE MELISSA ANN	2013	535086	9.25
201353508800	HALL SHAWN DALEN	2013	535088	18.77
201353510300	WILLIAMS TERANCE ANTWAN	2013	535103	7.78

201353512200	STONE JAMES RICHARD	2013	535122	46.03
201353515100	CROOKS BRADLEY MICHAEL	2013	535151	1.22
201353525300	SAGER TIMOTHY JOHN	2013	535253	8.85
201353526300	KING CAROLYN ANNETTE	2013	535263	18.54
201353542700	BAKER EVA HELEN	2013	535427	2.05
201353544400	KLEIN KIMBERLY A	2013	535444	6.23
201353544500	MAURER JASON MATTHEW	2013	535445	2.25
201353545800	BROWN SHEILAH MARIE	2013	535458	30.31
201353551400	COTTOM SAMUEL AARON	2013	535514	36.20
201353559100	MARTIN AUSTIN TYLER	2013	535591	23.76
201353565900	BAKER TASHA LYNN	2013	535659	87.67
201353567100	HORTON CIERA DAWN	2013	535671	35.34
201353568600	PEARSON SARAH SUZANNE	2013	535686	10.03
201353571400	YORK MICHAEL SCOTT	2013	535714	45.38
201353572300	KELLEY ODESSA ZANE	2013	535723	128.66
201353580800	HOLMES WILLIAM LEON JR	2013	535808	60.21
201353582300	KNIGHT JAMES EARL	2013	535823	1.40
201353600500	WILLIAMS RAQUEL VICTORIA	2013	536005	18.63
201353607400	CALLIHAN JOHNNY ALBERT JR	2013	536074	49.96
201353607600	SERVICE TAMMY LYNN	2013	536076	18.85
201353607700	PAYNE BRITTANY AMBER	2013	536077	27.37
201353610500	SMITH JANET MICHELLE	2013	536105	14.50
201353611400	FOWLER CHARLES LYNN	2013	536114	26.59
201353612100	BARRINGTON REGINA DENISE	2013	536121	16.20
201353617600	HATCHER MARY F	2013	536176	37.96
201353618200	MILLS SHELBY LOUISE	2013	536182	14.21
201353618300	WILKINSON CHARLES GEORGE	2013	536183	21.90
201353618500	GREEN WALTER NATHANIEL	2013	536185	4.60
201353623000	ZIMMERMAN RICHARD LEE	2013	536230	19.65
201353657400	SAVINO MICHAEL JOSEPH	2013	536574	4.45
201353658100	LANCASTER SHELLEY DENISE	2013	536581	1.13
201353670700	BALDWIN BRADLEY GEROD	2013	536707	37.01
201353684300	WISE KEVIN FLOYD	2013	536843	6.42
201353695000	WEST GARDNER LEE JR	2013	536950	80.23
201353699400	THEROUX TAYLOR NICOLE	2013	536994	3.69
201353705100	DEASON CAROLYN VIOLA	2013	537051	29.60
201353713000	ROBERTSON JESSICA WEST	2013	537130	14.14
201353717300	BELL JUSTIN DENNIS	2013	537173	20.49
201353719300	BUNCE WARREN JAMES	2013	537193	69.47
201353719900	BULLARD CRYSTAL BLAKE	2013	537199	76.95
201353725900	ROGERS ARTHUR CLEMENT JR	2013	537259	11.90
201353727600	GARNER AMY CRISCO	2013	537276	33.19
201353729400	CHADWICK RICHARD BRYAN	2013	537294	144.87
201353733900	GAINVORS DAVID CHARLES	2013	537339	96.47
201353736000	HALL DAVID MICHAEL	2013	537360	49.12
201353741700	OTIS DARLENE FAY	2013	537417	56.03
201353747700	HOWARD JAMES BLAKE	2013	537477	4.27

201353748100	SMITH AMY MOORE	2013	537481	130.01
201353749700	SHAFFER MAGGIE LYNN	2013	537497	78.53
201353762100	RYAN EDITH JANE	2013	537621	13.22
201353769700	MCNEIL ASHLEIGH LATRICE	2013	537697	8.96
201353771900	ROBINSON BETTY ANN	2013	537719	6.11
201353776900	BULLARD PATRICIA BROWN	2013	537769	5.59
201353779100	GLASSCOCK CIARA JEANETTE	2013	537791	15.80
201353779400	CARDONE ADAM LEONARD	2013	537794	7.53
201353779500	KNOTTS OLIVIA MIECHELLE	2013	537795	64.56
201353782000	FAIRCLOTH TIMOTHY WAYNE	2013	537820	20.22
201353783200	MESSER BONNIE CONNOR	2013	537832	10.37
201353783400	RARICK CHRISTOPHER ALAN	2013	537834	17.21
201353784900	MURRAY KIM RENE	2013	537849	46.10
201353785300	TAYLOR CHARLES PATRICK	2013	537853	29.89
201353787600	MOORE AMANDA BENSON	2013	537876	88.50
201353791500	LOPEZ ALICIA BETH	2013	537915	20.53
201353795200	HEWETT BRIANA RENEE	2013	537952	11.99
201353803100	BROWN MARCUS RASHAD	2013	538031	165.27
201353804100	BOWERS CRYSTAL ANN	2013	538041	1.28
201353810600	KELLY KAREN LYNNE	2013	538106	32.40
201353813600	FARSON ELIZABETH MOORE	2013	538136	1.23
201353814200	BOWEN RONALD JAMES	2013	538142	8.14
201353816700	RODRIGUEZ LUIS RAUL	2013	538167	71.78
201353816800	PIERCE KYLE GRANT	2013	538168	55.44
201353817300	PARDUE GARY CHRISTOPHER	2013	538173	74.32
201353819300	WOLFE SARAH ANN	2013	538193	26.42
201353823700	CLARK JANET M	2013	538237	2.06
201353824100	DEVARUEX MARGARET ANN	2013	538241	27.74
201353829600	MCELHINNEY EDWARD JOSEPH	2013	538296	19.48
201353834800	HATTON CRISTIE KAY	2013	538348	4.48
201353846100	BEACH MATTHEW RYAN	2013	538461	28.19
201353850100	WINNERS WORLD LLC	2013	538501	13.24
201353850700	FERFUSON ERIN LEE	2013	538507	5.61
201353858800	BRITT WILLIAM TRAVIS	2013	538588	45.23
201353865400	MCLAUGHLIN JASON PATRICK	2013	538654	12.74
201353870500	CUTHBERT CHERYL DEVENEY	2013	538705	2.51
201353872300	DAVIS CHAD PHILLIP	2013	538723	14.93
201353875000	YORK MICHAEL SCOTT	2013	538750	12.72
201353875400	LOKENBERG JARED ALLEN	2013	538754	24.26
201353875800	KERRIGAN ANNAMAY HANNA	2013	538758	12.37
201353876500	GAVIN ENTERPRISES CORPORATION	2013	538765	227.40
201353877000	FORTUNATO ASHLEY MARIE	2013	538770	78.62
201353877400	WHITLOCK THEODORE EUGENE JR	2013	538774	13.01
201353885800	PHELPS-MCCALL WENDY DAWN	2013	538858	109.74
201353895600	DAVIS LINDA ANN	2013	538956	116.73
201353898400	WHEALTON JERED FENNER	2013	538984	61.81
201353903300	BUTLER AMY NICOLE	2013	539033	16.90

201353909500	EASON JACKIE RAY III	2013	539095	60.18
201353912900	BISHOP JOSHUA AARON	2013	539129	14.64
201353917200	HESTON MICHAEL EDWARD JR	2013	539172	47.73
201353918700	YALE THELMA JANE	2013	539187	140.59
201353920000	POLITTE SARAH JOHANNA	2013	539200	12.88
201353921000	BIAS TOMMY JR	2013	539210	1.34
201353923700	CARLTON DERRICK AARON	2013	539237	76.96
201353927500	TEKKO HOUSSAM NEMR	2013	539275	134.79
201353934900	SWEET JONATHAN O'BRIAN	2013	539349	54.16
201353936200	AGUILAR ANTONIO	2013	539362	106.60
201353938500	GLASSCOCK CIARA JEANETTE	2013	539385	11.86
201353940400	ALDRIDGE GEORGE NEIL	2013	539404	10.27
201353944300	SANDERLIN BETHANY JOYCE	2013	539443	8.72
201380002100	LANGLOIS CECIL RAY	2013	800021	4.93
201380002200	LANGLOIS CECIL RAY	2013	800022	26.54
201353947800	VAUGHN ROBERT LEE II	2013	539478	9.91
201353948000	STEVENS DEEANNA TROTTER	2013	539480	6.86
201353952600	BELL KAREN MICHELLE	2013	539526	11.14
201353956600	ALSBROOK DOUGLAS LEE	2013	539566	5.04
201353962300	CRAWFORD PAUL ANTHONY	2013	539623	5.40
201353962600	ROBINSON DAVON MARQUIS	2013	539626	5.66
201353965100	NICHOLS DONNA ANNETTE	2013	539651	6.95
201353977400	MELTON JIMMY MCARTHUR JR	2013	539774	5.71
201353989500	HARRISON LARRY DARNELL SR	2013	539895	5.70
201353997000	LUCIANI RICHARD BENJAMIN	2013	539970	5.58
201353997300	JOHNSON COLTON NICHOLAS	2013	539973	6.47
201354000900	BRITT RONALD MITCHELL JR	2013	540009	6.20
201354008500	FORD CHRISTOPHER DARREL	2013	540085	10.00
201354020300	BRAMAN ERIC JOSEPH	2013	540203	10.22
201354020800	MASSEY JENNIFER KANE	2013	540208	1.40
201354024800	WILSON JEREMY ALLEN	2013	540248	5.93
201354031200	DIBIASE-COX CYNTHIA ANN	2013	540312	9.64
201354040600	DAVIS ROBYN KASCINA	2013	540406	16.86
201354042300	VAUGHT LORENZO CORTEZ	2013	540423	8.70
201354044100	HUNEYCUTT LANEY JAMES	2013	540441	23.36
201354053000	WATSON BRYAN SCOTT	2013	540530	22.17
201354054800	SCHIFFER MICHELLE LEE	2013	540548	23.52
201354054900	COOPER WILLIE ANTOINE	2013	540549	16.24
201354057300	AGUILLON ADELITA	2013	540573	14.38
201354062900	WILLIAMS JUANITA DELORES	2013	540629	11.95
201354063200	SWARTZMILLER CANDICE SOMERSETT	2013	540632	2.44
201354068600	UNDERWOOD JESSICA NICOLE	2013	540686	14.96
201354070500	JONES HARTFORD	2013	540705	12.97
201354079300	FULLWOOD WILLIE JUNIOR	2013	540793	45.31
201354080500	SCOTT CHARLOTTE SHERRILL	2013	540805	24.88
201354081800	GARCIA JOSE ROBERTO LEMUS	2013	540818	40.54
201354089200	TAYLOR DUSTIN BRANDON	2013	540892	5.53

201354089400	MCKOY DAVID LEON JR	2013	540894	8.42
201354101100	JOHNSON RACHEL ANN	2013	541011	15.00
201354102000	ALLEN RAYMOND WILSON	2013	541020	53.10
201354103000	RICHARDSON WILLIAM GERALD	2013	541030	39.38
201354104900	VALENTINE VANESSA LARAE	2013	541049	22.08
201354105400	GRISSETT LYNN JU LEE JR	2013	541054	8.32
201354108100	TROSTLE CRYSTAL BULLOCK	2013	541081	17.52
201354108500	POWELL JIMMY WAYNE	2013	541085	82.50
201354108700	BENTLEY YOLANDA HEWETT	2013	541087	16.51
201354113100	EAGLES JOHN ARTHUR	2013	541131	5.53
201354113800	NEILL MARY MCINNIS	2013	541138	20.92
201354114100	BOWDEN GLYNN	2013	541141	27.53
201354115100	VANSTEEN WILLIAM LAWRENCE	2013	541151	43.99
201354117300	BUENROSTRO AMBER LEIGHANN	2013	541173	1.44
201354125100	LARSON BETHANY BUCHANAN	2013	541251	8.32
201354134900	JACKSON EVERETT SHAUN	2013	541349	17.79
201354135700	SIMMONS NEKITA LEONARD	2013	541357	10.53
201354140100	GIBBS JEREMY TREMAYNE	2013	541401	18.28
201354140600	KNOWLIN BERNELL TROY	2013	541406	57.31
201354147300	TEDDER ROSE MARTINEZ	2013	541473	14.38
201354149700	MITCHELL JOHN ARLEN	2013	541497	12.17
201354150000	HEAPE ANNIS VICTORIA HOPE	2013	541500	15.09
201354158500	BURR BRYAN EUGENE	2013	541585	8.94
201354164500	KIMBROUGH BETTY JOHNSON	2013	541645	22.69
201354167000	SILVA AUGUSTO RANGEL	2013	541670	6.62
201354168000	MALTEZ STEPHANIE OWENS	2013	541680	23.72
201354168800	MILLER ROBERT WESLEY	2013	541688	19.38
201354169900	MCNEILL KRISTIN LYN	2013	541699	23.12
201354174700	HARRELL PHILLIP WARREN	2013	541747	6.20
201354175900	WELLS KAYLIN NICOLE	2013	541759	18.71
201354182800	MORRIS JAMES CHRISTOPHER	2013	541828	8.58
201354183300	BREWINGTON-THOMAS IVY MCLEAN	2013	541833	15.62
201354186100	MCKELLAR RHONDA LEE	2013	541861	14.45
201354186700	FLEMING MICHAEL LYNN	2013	541867	10.53
201354191600	WAGNER CHARLES EDWARD	2013	541916	6.11
201354195800	BRITT DIXIE LEE	2013	541958	10.53
201354202500	IRVIN VERNON LEE	2013	542025	33.36
201354206000	CLEMMER LINDA LORENA	2013	542060	13.49
201354208100	SUTTON TIMOTHY PARKER	2013	542081	10.35
201354209200	DOMINGUEZ JOSE HERNANDEZ	2013	542092	19.82
201354212200	GARAY ASHLEY FAY	2013	542122	5.80
201354213100	MADISON GEORGE THOMAS	2013	542131	2.82
201354214900	DINGESS KRISTOPHER EDWARD	2013	542149	12.48
201354217100	GRAINGER MINDY LEANNE	2013	542171	14.12
201354221500	CLARK KIRBY LYNN	2013	542215	29.09
201354222200	RAMEY BENNY JACK	2013	542222	13.67
201354224700	EDMONDS CRYSTAL DAWN	2013	542247	17.51

201354225300	LAWRENCE GEORGE ANTHONY	2013	542253	13.41
201354228800	OSBORNE TIMOTHY WAYNE	2013	542288	8.54
201354229800	WYNNE REBECCA LOUISE	2013	542298	10.49
201354240700	DARCY WILLIAM JOSEPH	2013	542407	13.23
201354247700	CAMPBELL APRIL DAWN	2013	542477	28.71
201354250000	DEANGELO ANGEL	2013	542500	13.19
201354250200	CROFT THOMAS MELVIN	2013	542502	10.22
201354252800	BOLTON TOMMY RAY	2013	542528	13.18
201354253200	TRELLA JEAN MARIE	2013	542532	11.95
201354255500	RAMSEY JOHN RANDOLPH	2013	542555	23.11
201354259500	KIVETT CRYSTAL RENAE	2013	542595	11.68
201354260000	COPE CLARISSA MILES	2013	542600	16.59
201354262300	WHITE STEPHANIE MAE	2013	542623	7.66
201354263200	MARRERO TREY LUIS	2013	542632	1.28
201354270100	ASHBURN JAMES NICHOLAS	2013	542701	30.23
201354274900	RORIE BETHANIA	2013	542749	23.54
201354281500	DL PETERSON TRUST	2013	542815	82.31
201354282600	PRATT RICHARD JOSEPH	2013	542826	69.64
201354284100	PACE LARRY DANIEL JR	2013	542841	47.13
201354285900	ALLSUP JAMES GORDON	2013	542859	98.24
201354295200	ERVIN MELINDA SUE	2013	542952	34.61
201354302400	GRIFFIN CINDY	2013	543024	9.87
201354302700	BIDDLE BRIDGET LEIGH	2013	543027	7.30
201354322600	BURLEY WAYNE DAVID	2013	543226	55.92
201354323000	SMITH CAMERON MARCUS	2013	543230	8.14
201354327500	LOPEZ ROMAN JOSE REYNALDO	2013	543275	42.77
201354328900	HOBSON DANA MARTIN	2013	543289	3.25
201354334300	PHILLIPS MICHAEL EDWARD	2013	543343	1.47
201354337600	FAIRFAX ALTON GRANT	2013	543376	20.91
201354337900	MCCORKLE NATHAN ERIC	2013	543379	71.87
201354338600	RANDALL GWEN MARIE	2013	543386	30.13
201354340000	ATLANTIC FIRE & SAFETY COMPANY INC	2013	543400	66.11
201354340400	MEABON SYLVIA FRAZIER	2013	543404	94.09
201354341200	JOHNSON ROGER JERMAINE	2013	543412	9.03
201354343800	TOMLINSON RUSSELL THOMAS	2013	543438	68.78
201354351500	LONG ROBERT TYLER	2013	543515	5.44
201354354800	KENSINGTON JONATHAN SCOTT	2013	543548	63.01
201354358700	GLADDEN SHANNON MARIE	2013	543587	56.29
201354358800	EVANS JAMES DARRELL	2013	543588	1.57
201354366600	LUDKE BRENTON WALTER	2013	543666	43.85
201354376900	VELEZ REBECCA CHEVALIER	2013	543769	7.35
201354377800	CLARKE WILLIAM HENRY	2013	543778	37.92
201354379000	HERNANDEZ-SALAZAR ANA BERTHA	2013	543790	2.66
201354383400	MENDEZ MAGDA MAURO	2013	543834	28.27
201354384300	SATTERLEE MARIEL FLORENCE	2013	543843	19.60
201354386100	CROSON AUDREY LOCKLEAR	2013	543861	26.43
201354386400	CLARKE DONNA JEAN	2013	543864	15.89

201354387200	SOLES WANDA FAULK	2013	543872	15.09
201354394100	SMITH CHARMAINE DENISE	2013	543941	17.88
201354395000	SMITH PAUL JONATHAN	2013	543950	211.03
201354406900	LAVERN RUSSELL LEE	2013	544069	23.70
201354407400	BRYANT SHARON MARIE	2013	544074	66.99
201354407500	SMITH DANIEL L	2013	544075	6.90
201354412000	MASSEY MELISSA SIMMONS	2013	544120	12.88
201354419700	KNOX SHERMAN LEE	2013	544197	30.35
201354421200	HUGHES LINDA CALHOUN	2013	544212	61.77
201354428500	GORE COREY LAMONT	2013	544285	24.78
201354429900	WHITMIRE WILLIAM ALLEN	2013	544299	19.69
201354439200	EADES JEFFREY WAYNE	2013	544392	37.92
201354445600	HORNIAK SHELLY CEGLARSKI	2013	544456	77.00
201354446400	THOMPSON FREIDA ALAIA	2013	544464	14.20
201354451000	AMOS LARRY MICHAEL	2013	544510	10.76
201354452400	HESTER DINAH BASS	2013	544524	39.87
201354458000	JIMENEZ LOPEZ LUCANO MARGARITO	2013	544580	11.06
201354475500	HILL AMY DEMEARL	2013	544755	46.61
201354483500	AGUILLON ESTRADA MARIA DE	2013	544835	19.12
201354490300	MOORE HUGH HAROLD	2013	544903	35.77
201354492000	DAVIS JOY BARROW	2013	544920	49.01
201354492400	GRADY GENO LENELL	2013	544924	50.90
201354498200	RICHARDSON JAMES DARIC	2013	544982	54.53
201354501200	VILLALBA EDGAR ROMERO	2013	545012	40.27
201354501800	MINTZ ROBERT OWEN JR	2013	545018	7.53
201354508000	PACKER CHRISTINE ELIZABETH	2013	545080	34.24
201354509700	GILLEN ALICIA DANIELLE	2013	545097	9.38
201354513100	MARTIN BETTY SUE ANDERSON	2013	545131	37.44
201354513600	DANIELS NANCY ELLEN	2013	545136	25.75
201354516600	PAZ ETHEL GOINS	2013	545166	13.70
201354517400	OLIVER MICHAEL LEE	2013	545174	1.01
201354529900	BYNUM TRACY ANN	2013	545299	30.75
201354538500	FERSTER JUDY CLEMMONS	2013	545385	77.04
201354540300	MCDONALD NOLIE JACQULINE	2013	545403	15.22
201354543400	NOURSE TROY DONALD	2013	545434	6.02
201354546000	CHANEY DEVON TERRELL	2013	545460	59.03
201354547300	TYSON KAITLYNN JEAN	2013	545473	12.26
201354550000	BILLINGS DAVID LEE SR	2013	545500	8.89
201354553500	ALEXANDER JUDY LEVERNE	2013	545535	5.66
201354554600	BEASLEY DEBORAH LEE	2013	545546	73.03
201354557100	RANSOM DWANIA SUE	2013	545571	9.43
201354558600	HANNAH TERRY MICHAEL	2013	545586	6.95
201354571600	HILL MAURICE LAMONT	2013	545716	42.79
201354577300	YARBOROUGH KAREN RENEE	2013	545773	16.51
201354585800	HEWETT TRAVIS MCKINLEY	2013	545858	51.20
201354592700	JOHNSON MARION RANDOLPH JR	2013	545927	20.71
201354594400	SLATTERY BRIAN JAMES	2013	545944	81.79

201354600600	JOHNSON GEORGE WYNNE	2013	546006	63.28
201354606400	BRIDGES CATHERINE LASSITER	2013	546064	35.83
201354606800	POWELL JIMMY WAYNE	2013	546068	119.24
201354609300	MAJHOR PHILIP BENJAMIN	2013	546093	3.35
201354610500	WALKER CRYSTIN MARGARET	2013	546105	1.32
201354617300	NATION MICHELLE WILKENS	2013	546173	59.72
201354625900	HEATH MICHAEL PATRICK	2013	546259	162.80
201354631200	YEAGER CHARLES RICHARD	2013	546312	37.13
201354631400	TRIBE ERIN NICOLE	2013	546314	45.22
201354635400	BALL JAMES RAY III	2013	546354	15.53
201354638800	PAGE THOMAS EDWARD	2013	546388	53.00
201354651100	OTIS BILLY CLU	2013	546511	71.26
201354654500	SHARPE TRAVIS EDWARD	2013	546545	6.83
201354657800	O'DELL JOSHUA EUGENE	2013	546578	13.56
201354667900	CLEMMONS KRYSTAL ANN	2013	546679	64.25
201354674900	MANFREDI STEPHEN THOMAS	2013	546749	22.12
201354676400	HAMPTON DEBRA WAGNER	2013	546764	22.70
201354677300	JOHNSON JOHN WILLIAM	2013	546773	43.30
201354682300	KING ERIC PROCTOR	2013	546823	67.31
201354685700	KARALUS ROBERT EDWARD	2013	546857	16.59
201354691200	BONEY ANDREA EVANGELINE	2013	546912	15.71
201354694000	MATTHEW GREGORY LAMAR	2013	546940	15.05
201354712400	DUNN CLARENCE ALVIN JR	2013	547124	14.76
201354715600	DUTIL KALEB PRESTON	2013	547156	79.43
201354715900	COLEMAN DEANNDRA LANAY	2013	547159	33.76
201354719400	AZURE TANA MARIE	2013	547194	6.68
201354724500	CRIBBET BRIAN LEE	2013	547245	23.18
201354732000	YOUNG WARD MARY LESLIE	2013	547320	38.67
201354734000	PULLEY TIFFANY EILEEN	2013	547340	30.10
201354736400	MAR-MAC TRANSPORTATION SVS INC	2013	547364	47.75
201354739500	RUSSELL ADRIAN TYLER	2013	547395	20.71
201354740000	MILLER CRISTINA ANN	2013	547400	117.62
201354745300	RYANS AUTO GLASS	2013	547453	20.40
201354747700	NIXON KRISTINA MARIE	2013	547477	59.58
201354752700	SNYDER THOMAS WAYNE JR	2013	547527	59.13
201354756200	THOMPSON DANNY MICHAEL	2013	547562	23.46
201354758200	CRIST MONICA PRICE	2013	547582	70.30
201354758800	NANCE VERONICA MAY	2013	547588	23.79
201354761400	WHALEY DORA CAROL	2013	547614	8.72
201354764100	KIRK STERLING ELIZABETH	2013	547641	16.51
201354764700	BECKOM JULIE MICHELLE	2013	547647	8.54
201354767000	KEARNEY ROBERT FREDRICK	2013	547670	281.38
201354770500	ROY CONNOR SCOTT LANDKAMER	2013	547705	22.28
201354770900	KOHLER CODY AUSTIN	2013	547709	73.63
201354771200	BLAY PATRICK EDWARD	2013	547712	12.83
201354773200	SCHLUETER BETTE A	2013	547732	105.58
201354776100	SELLERS JERRY NEIL	2013	547761	26.82

201354780700	REAVES SAVANNAH PAIGE	2013	547807	176.12
201354782900	FRITZ EDWARD CHARLES	2013	547829	68.19
201354786200	HERRING MIRANDA GAIL	2013	547862	137.82
201354786400	LEWIS JAMES DAVIS	2013	547864	47.52
201354795900	PRESSLEY DANIEL JON	2013	547959	49.08
201354796700	INGRAM THOMAS DAVIS JR	2013	547967	70.41
201354803800	STAFFORD RICHARD CHARLES	2013	548038	37.57
201354807500	COMPTON TIFFANI MARIE	2013	548075	10.80
201354807800	GORE MARCUS EVAN	2013	548078	104.16
201354808800	THARP JOHNNY CHARLES	2013	548088	9.44
201354811200	RILEY FREDDIE LEE	2013	548112	9.43
201354813300	BERNARD SUSAN DARISA	2013	548133	22.35
201354814100	GREEN TRACY NICHOLE	2013	548141	95.71
201354817700	JACKSON LOUISE BOZEMAN	2013	548177	74.92
201354818900	DAVIS NATHAN DAVID	2013	548189	1.84
201354819700	WHITE TRACY ALIA	2013	548197	118.55
201354821200	QUINN CHRISTOPHER LLOYD	2013	548212	27.68
201354821900	HEWETT ERIC QUINSHAWN	2013	548219	6.68
201354827600	KING MELISSA CARROLL	2013	548276	1.07
201354831200	WOMER MARCUS MIDDLESWORTH	2013	548312	74.96
201354836500	BEST DEVEN RAE	2013	548365	136.86
201354839500	DANIELS RICHARD STANLEY	2013	548395	131.27
201354846600	COURTNEY AUTUMN NICOLE	2013	548466	22.91
201354848000	VIVAS RIVERA JORGE LUIS	2013	548480	5.00
201354854500	WALLACE VIRGINIA LEE	2013	548545	11.86
201354857100	TORRES CRUZ LUIS JAVIER	2013	548571	20.71
201354857600	FRASL GERALD EDWARD	2013	548576	106.89
201354861100	MARTIN DEBORAH POTTER	2013	548611	132.67
201354862100	LANE CHARLES AUSTIN	2013	548621	5.51
201354869300	BERNARD MARTHA SELF	2013	548693	64.30
201354883600	SULLIVAN JOSHUA ADAM	2013	548836	5.71
201354885800	HINKLEY PAULA J	2013	548858	98.37
201354888400	GORE TAMMY LYNN	2013	548884	32.88
201354891400	PALMER MALLISSIA ANN	2013	548914	73.85
201354896300	SAUNDERS TIMOTHY MARK	2013	548963	109.52
201354897100	NUNO JUAN MANUEL PELAEZ	2013	548971	96.82
201354898500	HOWARD CHRISTOPHER JOHN	2013	548985	6.76
201354899800	SMITH WILLIAM EUGENE	2013	548998	6.20
201354905700	BILLINGS BRYAN CURTIS	2013	549057	41.07
201354910700	THOMAS HEMMINGWAY SANDRA D	2013	549107	67.84
201354911600	ROME ASHLEY ANNE	2013	549116	12.66
201354914500	LITTLE CECILLE KALETTE	2013	549145	91.89
201354914900	LUTZ HEATHER NICOLE	2013	549149	92.84
201354915600	FICK ALVIN WAYNE	2013	549156	15.86
201354919300	R G ENTERPRISES INC	2013	549193	24.19
201380013700	PELEUSES GUS PETER	2013	800137	26.78
201380013800	PELEUSES GUS PETER	2013	800138	38.32

201380013900	PELEUSES GUS PETER	2013	800139	31.99
201354925900	JOHNSON MAE MCNEILL	2013	549259	11.06
201354926000	CRABTREE CHRISTOPHER RALPH	2013	549260	7.88
201354926400	WRIGHT MATTHEW RECARDO-ROCO-ISHMAEL	2013	549264	7.21
201354928000	BEANEY GRANVEL GRAMTHAM JR	2013	549280	5.11
201354936800	MARLOW BENJAMIN JOEL	2013	549368	13.28
201354946000	CHATFIELD KENT ALLEN	2013	549460	6.59
201354950600	STEPHENSON JEFFREY WAYNE	2013	549506	12.81
201354954200	BRADSHAW TIMOTHY TODD	2013	549542	8.19
201354954300	SCHOBY DEVON MICHAEL	2013	549543	15.22
201354956200	JAMES GERALD MICHAEL	2013	549562	5.35
201354957300	HALLETT RUSSELL LEE	2013	549573	5.01
201354963700	GRAHAM-WILSON ETHEL GAIL	2013	549637	7.88
201354964400	TILLMAN BOCHIA ANNETTA	2013	549644	6.47
201354983400	SIMMONS TERENTHIA GRAY	2013	549834	7.35
201354985000	SMITH AMANDA GAIL	2013	549850	7.56
201354988200	PRESET JENNIFER LYNNE	2013	549882	5.70
201354990600	VARNUM WILLIAM LEGWIN	2013	549906	6.30
201354995200	RAGSDALE TALISHA NICOLE	2013	549952	19.56
201354996300	LIND OTTO JR	2013	549963	6.47
201355000500	GILBREATH DAVID CHRISTOPHER	2013	550005	22.95
201355001200	PRICE TIMOTHY MAURICE	2013	550012	8.85
201355001500	AKERS KIMBERLY DAWN	2013	550015	11.70
201355006300	CARTER TAMMY MICHELLE	2013	550063	19.20
201355007000	JOHNSON RACHEL WARD	2013	550070	15.53
201355011800	HAYES GREGORY TODD	2013	550118	11.37
201355012600	KNOX JEREMY QUINTEL	2013	550126	33.28
201355016300	RIVERA CORTES TATIANA MARIE	2013	550163	22.98
201355018700	BETZ DANIEL WILSON	2013	550187	1.73
201355023800	REED RENEE SAWYER	2013	550238	10.68
201355024000	MOORE WESLEY ALLEN	2013	550240	34.15
201355027000	SANDERS DELORISE	2013	550270	14.78
201355041200	MURPHY KIMBERLY DAWN	2013	550412	5.22
201355041700	ROSCOE RUSSELL SCOTT	2013	550417	9.03
201355052000	WARD DIANNA MARLOW	2013	550520	23.36
201355053200	TREJO OSCAR	2013	550532	30.09
201355062800	LOFTON ANTHONY RAY	2013	550628	1.66
201355072200	MAINES BRANDON LEE	2013	550722	18.28
201355083500	DAVIS MICHAEL CREIGHTON	2013	550835	19.54
201355084000	DRIGGERS BILLY WAYNE JR	2013	550840	13.23
201355084700	SCHROM JOSEPH NATHAN	2013	550847	9.08
201355087600	KAPLAN BENJAMIN ASA	2013	550876	9.45
201355090800	TAYLOR JAMES BURRY	2013	550908	27.30
201355094500	PEDDYCORD PENNY ANN	2013	550945	11.46
201355097100	QUINONES JOSE ANTONIO	2013	550971	30.80
201355100800	HATCHFIELD GREGORY ANDREW	2013	551008	24.60
201355102900	VELEZ REBECCA CHEVALIER	2013	551029	5.62

201355104200	CHRISTMAN GERAD MICHAEL	2013	551042	7.92
201355108300	BAILEY REBECCA LYNN	2013	551083	10.34
201355109200	MOORE VICTOR	2013	551092	15.62
201355110000	SKIPPER HEATHER DAWN	2013	551100	13.85
201355113900	SCHERER TRACY GILLETTE	2013	551139	12.74
201355115900	CRUSE JESSE LEE	2013	551159	27.61
201355116100	BRIGGS RODNEY KEITH	2013	551161	24.55
201355116500	MOSKETTI WILLIAM EDWARD	2013	551165	7.58
201355122300	MORRIS NATALIE HOUSER	2013	551223	22.04
201355122700	SCHULTZ KRISTOPHER DANIEL	2013	551227	22.04
201355127000	STONER JEANINE MARIE	2013	551270	20.52
201355132600	HAYES CHARLITA MARIE	2013	551326	15.92
201355135000	COLE KAREN KIM	2013	551350	29.25
201355139600	ANDERSON MITZI JO	2013	551396	10.09
201355140500	ALLEN AUDIE DEAN	2013	551405	32.12
201355141100	FRINK MICHAEL MONTRAY	2013	551411	23.41
201355147400	COURSEY NICOLE MARIE	2013	551474	19.42
201355154900	MICHAEL KIMBERLY SUE	2013	551549	15.27
201355156400	GARCIA SHANNON CLOUGH TORRES	2013	551564	8.05
201355160600	RADFORD DENISE	2013	551606	10.44
201355161300	BEAUVAIS JERRY ALAN JR	2013	551613	5.44
201355165800	FLYNT BETTY BLACKBURN	2013	551658	10.31
201355166900	SIMMONS JACKIE	2013	551669	11.06
201355171700	CAROLINA MOVING & STORAGE INC	2013	551717	7.58
201355184200	CONELY-ADAMS ALANA MAY	2013	551842	29.47
201355184700	FLOR STEPHINE LEHUE	2013	551847	17.66
201355187200	EADES MICHELLE CLEMMONS	2013	551872	11.90
201355189200	SMITH JOHNNIE DELMORE JR	2013	551892	14.69
201355195800	ROBINSON KIARA QUINTELL	2013	551958	14.29
201355197900	GUTIERREZ OMAR	2013	551979	14.29
201355198000	HILL RANDY WILLIAM	2013	551980	10.87
201355200800	KENNEY DONNA KAY	2013	552008	6.28
201355211000	FERSTER DANIEL KENWOOD	2013	552110	17.97
201355211900	COTE KELLI RAE	2013	552119	16.02
201355212100	WILSON NATALIE NICOLE	2013	552121	24.69
201355216300	DELUCIA DANIEL R	2013	552163	25.00
201355217400	TOSONI JOAQUIM	2013	552174	1.04
201355222600	GUTIERREZ SAUL	2013	552226	8.58
201355224100	MALPASS KRISTINA N	2013	552241	17.68
201355233200	SETSER NADINE GORE	2013	552332	13.98
201355238300	MCCOY MARY GOODWIN	2013	552383	36.38
201355239800	REITZEL KENNETH LEE JR	2013	552398	15.75
201355240600	GORDON BERTHA LYNETTE	2013	552406	20.33
201355242400	PHILLIPS SIMON JACKSON	2013	552424	14.66
201355246700	ALBARRAN SERGIO ANDRES	2013	552467	7.04
201355248300	DAVIS MICHAEL CREIGHTON	2013	552483	14.20
201355249000	ALFORD STEVEN LAWRENCE JR	2013	552490	18.10

201355250600	SALLIS FRANCES JEAN	2013	552506	7.79
201355256900	MCHALE LOGAN MATTHIS	2013	552569	17.41
201355259400	CORTES CATHY LONG	2013	552594	14.16
201355259900	CLIFT JEFFREY DAVID	2013	552599	87.26
201355261500	LUDLUM TERRY LANK	2013	552615	79.92
201355262600	KELLY JASON ERIC	2013	552626	8.63
201355265600	DELLINGER THERESA ELLEN	2013	552656	43.01
201355276400	PRICE NANCY LEE	2013	552764	2.50
201355276900	PITTMAN JORDAN LEE	2013	552769	179.08
201355278700	CIESLA DAVID JOHN	2013	552787	48.37
201355281200	ROBBINS KIMBERLY ANNE	2013	552812	128.77
201355284400	FELL LAURA CIARAVINO	2013	552844	1.06
201355285800	CARLISLE GRAHAM DWAYNE	2013	552858	77.75
201355290900	MARTIN DECEMBER DAWN	2013	552909	11.53
201355303700	DOMINGUEZ LAURO CARRILLO	2013	553037	1.32
201355307000	PARKER ROBBIE BRICE	2013	553070	19.12
201355307800	HAMPTON RYAN D	2013	553078	14.67
201355313300	PIERCE DONNA CHIRDON	2013	553133	1.11
201355320200	JENKINS TORY J	2013	553202	50.22
201355321000	LEWIS JESSICA ANNE	2013	553210	3.03
201355323300	BELLAMY KENYA LATRICE	2013	553233	33.81
201355344000	KING ROBIN LEONARD	2013	553440	46.99
201355344100	BROWN GARDNER LLOYD	2013	553441	62.57
201355356900	HUFFMAN JENNIFER ANNE	2013	553569	81.67
201355361100	JOHNSON & ROBERTSON CUSTOM BUILDERS	2013	553611	66.53
201355362000	PARINELLO DANIEL ALFRED	2013	553620	1.25
201355375300	MONROE BRIANNA LYNETTE	2013	553753	28.05
201355378300	ALVINEDA CARLOS MAURICIO	2013	553783	18.29
201355378700	LONG WILLIAM CASEY	2013	553787	57.13
201355384100	PREVATTE LLOYD PAGE	2013	553841	28.54
201355384600	FASNACHT LAURA ELIZABETH	2013	553846	5.93
201355389600	PENNINGER STEPHEN EDWARD	2013	553896	48.94
201355391800	GOINS ANTHONY THOMAS	2013	553918	35.75
201355393100	GREENWOOD TERRY DALE	2013	553931	57.74
201355393600	KEEL MICHAEL AARON	2013	553936	8.58
201355395200	RHOTEN CATHERINE RENE	2013	553952	21.73
201355400100	MEACHAM STEPHEN BAILEY	2013	554001	6.11
201355402800	BAKER REBECCA LEE	2013	554028	10.58
201355406400	ALLSUP JAMES GORDON	2013	554064	10.40
201355408500	BELLAMY KELLY	2013	554085	42.52
201355413100	BITTECUFFER SEAN MICHAEL	2013	554131	15.97
201355420200	MCCALL SHERRY DELYNN	2013	554202	34.65
201355421700	LOPEZ ROMAN JOSE REYNALDO	2013	554217	54.77
201355425500	DENARDI ADA	2013	554255	38.05
201355428100	FREEMAN PETER ALEXANDER	2013	554281	111.91
201355428800	SCHMIDT JOELLEN	2013	554288	28.10
201355429500	DEWITT ADAM JAMES	2013	554295	40.00

201355430200	BUTLER TERRY	2013	554302	7.26
201355437200	BULLARD TONJIA CAROL	2013	554372	4.05
201355441400	DONLEN TRUST	2013	554414	72.82
201355445400	TUCKER MIRANDA LOUISE	2013	554454	5.97
201355451600	OGDEN ORA GENE	2013	554516	44.60
201355452800	BEATTY CHRISTINA GORDON	2013	554528	49.78
201355454100	FOUNTAIN CHAD DAVID	2013	554541	3.36
201355456200	ADAMS GEORGE VERNON JR	2013	554562	22.93
201355457100	BRITT NICKY CARL	2013	554571	37.66
201355468400	GRIFFIN BRIAN DENNIS	2013	554684	52.79
201355470600	PONDS HORACE JACKSON JR	2013	554706	26.31
201355472900	MOORE TAMMY RENEE	2013	554729	20.84
201355477900	RAMIREZ MATEO MEJIA	2013	554779	22.84
201355485000	GUIFARRO JOSE EMENELIO	2013	554850	136.98
201355491800	GARROW SHARON ELIZABETH	2013	554918	104.30
201355493500	HOLMES-GRAHAM CALANDRA ULISSIA	2013	554935	135.61
201355496000	STEIN JAMES FREDERICK	2013	554960	20.15
201355496400	COTTON JASMINE ENGELLE	2013	554964	75.05
201355501900	GAINES ANNE TUTTLE	2013	555019	38.45
201355503800	SHOOK ANDREA HEATHER	2013	555038	66.70
201355504500	ORTIZ DANIEL CASTILLO	2013	555045	13.10
201355506800	MURRILL DAMION LAMAR	2013	555068	49.03
201355510200	ROGERS BILLY WAYNE	2013	555102	1.81
201355518600	RIVER FRONT CO LLC	2013	555186	54.96
201355533100	BURNETT RONALD LEE	2013	555331	38.68
201355542000	BEAMON CAMMIE ATKINSON	2013	555420	99.46
201355542700	MALE CRYSTAL DENISE	2013	555427	60.49
201355545000	FIELDS RODNEY RAY	2013	555450	36.46
201355556100	BULLARD GARY WAYNE	2013	555561	114.00
201355567200	COLE AMY LYNN	2013	555672	138.78
201355568500	SABIN KENNETH EARL JR	2013	555685	4.28
201355570400	KANAPAUX SHAWN EUGENE	2013	555704	10.35
201355570500	FLOYD DAVID JOHN	2013	555705	43.48
201355581500	NATHAN ANTHONY DEAN II	2013	555815	37.78
201355581800	KARNER AIN	2013	555818	1.32
201355585800	KROZSER DEBRA BOWLING	2013	555858	41.20
201355587800	HAND WILLIAM BRYANT	2013	555878	12.39
201355587900	RACKLEY WENDY LYNNETTE	2013	555879	36.73
201355589500	STANLEY FELICIA ANITA	2013	555895	16.99
201355595100	VARNUM WILLIAM LEGWIN	2013	555951	6.30
201355596300	PORTER TRACY KIM	2013	555963	77.75
201355600100	BARNHILL LORI ENRENFELD	2013	556001	52.83
201355601300	DAVIS SHERECE MARCELLE	2013	556013	36.86
201355602900	DESS JOSEPH LOUIS	2013	556029	72.41
201355606900	SIZEMORE BILLY DEAN	2013	556069	5.66
201355608200	BARNES EDWARD JUNIOUS	2013	556082	72.13
201355611500	FIRST OAKLAND PROPERTIES INC	2013	556115	104.78

201355612400	PRITCHARD ANNETTE MANDY	2013	556124	43.90
201355613600	CAMPBELL CHRISTINA MARIE	2013	556136	9.02
201355613700	MCDERMOTT RICHARD MICHAEL	2013	556137	8.30
201355616500	TRAPP JUDSON ALLEN	2013	556165	29.03
201355617700	CALLARI TRAVIS RAY	2013	556177	10.05
201355621500	RUIZ-DOMINGUEZ JESSICA	2013	556215	9.03
201355624900	POWELL LINDA BAXLEY	2013	556249	116.58
201355631900	BLAND RYAN ANDREW	2013	556319	83.90
201355636900	SEGRAVES TYLER PHILIP	2013	556369	15.44
201355638900	FAIRFAX JEREMY GRANT	2013	556389	25.25
201355639700	COOK THOMAS LEE	2013	556397	8.54
201355649400	HAMRIC MATTHEW LUKE	2013	556494	57.48
201355651500	CLEMMONS LAUREN ASHLEY	2013	556515	42.66
201355655100	HOLDEN PEGGY MELBA	2013	556551	28.45
201355656300	NATHAN ANTHONY DEAN II	2013	556563	58.93
201355669800	KELLY SHAUN ROBERT	2013	556698	115.36
201355670800	ETHERIDGE BENJAMIN EDWARD	2013	556708	10.44
201355673400	SMITH MARSHALL ROBINSON JR	2013	556734	8.10
201355674400	LONG DENNIS GEORGE	2013	556744	1.17
201355674700	FAIN WALTER MARION II	2013	556747	14.25
201355686500	AMOR XIOMARA	2013	556865	19.60
201355700900	HAMPTON RYAN D	2013	557009	83.05
201355714100	HOOPER JESSE RANDALL	2013	557141	24.46
201355715000	PRINCE JOHNNY WAYNE	2013	557150	27.00
201355717100	SUMMERLIN REBECCA LEE	2013	557171	67.30
201355725500	BELL AMY NICHOLE	2013	557255	7.92
201355726200	HARDEN VICTORIA AMBER	2013	557262	246.91
201355727300	PROCTOR LAMONT LEE	2013	557273	132.66
201355734900	ADCOCK KACI LYNN	2013	557349	79.22
201355738600	WEST GEORGE LEE	2013	557386	20.69
201355738900	HUNTINGTON ROBERT WILLIAM II	2013	557389	74.03
201355739000	HONEYCUTT JACOB WARREN	2013	557390	107.49
201355740400	PRATT RICHARD JOSEPH	2013	557404	7.14
201355743600	COOPER ANGEL FAITH	2013	557436	25.25
201355745600	ISTVAN DEBORAH LEE	2013	557456	101.21
201355745900	MCKELLAR RYAN JACKSON	2013	557459	141.12
201355746100	JUSTICE JONATHAN QUINN	2013	557461	13.41
201355747100	HERNANDEZ ROLANDO LOPEZ	2013	557471	12.54
201355748700	HILL WILLIE JR	2013	557487	70.49
201355760900	STANLEY LATOSHA CARNEESHA	2013	557609	13.63
201355761000	SMITH DAVID WAYNE JR	2013	557610	89.03
201355761400	ZAMBUTO JOSEPH PHILIP	2013	557614	1.37
201355780200	WHITE JUSTIN KEITH	2013	557802	51.86
201355787000	REYNOLDS JONATHON LEE	2013	557870	36.42
201355795900	EDWARDS DAVID KEITH	2013	557959	177.02
201355796600	GRIFFIN LEO	2013	557966	26.51
201355798000	GREENE RUSSELL ALLEN	2013	557980	15.31

201355798200	MALTEZ STEPHANIE OWENS	2013	557982	15.49
201355806500	MARYON AMBER DAWN	2013	558065	8.67
201355806700	JOYNER CYNTHIA HOPE	2013	558067	72.00
201355812700	DONATHAN JESSE AARON	2013	558127	20.18
201355818600	WEST GARDNER LEE JR	2013	558186	146.87
201355838900	MARTINEZ JANELLE NICOLE	2013	558389	109.47
201355843500	WASHINGTON QUASHAWN AL-TEREK	2013	558435	101.30
201355850300	FREEMAN JEREMY JEROME	2013	558503	51.33
201355854700	TIMMONS HEAVEN LEIGH	2013	558547	29.64
201355855900	MESSER TOMMY ALLEN	2013	558559	62.80
201355860300	FIX BERNARD ARTHUR	2013	558603	71.45
201355861800	WILSON AARON NICHOLAS	2013	558618	13.19
201355863000	CHAVEZ DELFIN LLONATAN	2013	558630	58.80
201355864100	BARRON CAMERINO	2013	558641	31.99
201355867900	BUMGARNER PHILLIP CARL	2013	558679	16.65
201355870700	BROWN JAQUAN FRED	2013	558707	23.30
201355882700	BRYANT KIMBERLY ELIZABETH	2013	558827	21.77
201355890700	CAVE HARRY HARRISON II	2013	558907	38.59
201355894300	HOLCOMB BRIAN MICHAEL	2013	558943	57.09
201355894400	LADUE LANCE DAVID II	2013	558944	15.06
201355896800	MCCOY CONNIE LEE	2013	558968	17.12
201355901500	LOPEZ TAMMY ALMAGUER	2013	559015	126.10
201355906800	WALKER KEVIN THOMAS	2013	559068	113.10
201355914200	GROSSE JACKIELYNN	2013	559142	68.45
201355917100	JORDAN ZACHARY SCOTT	2013	559171	26.95
201355921100	SKOFF ENNIO MARIO	2013	559211	141.67
201355924400	WAGNER WAYDE ROBERT	2013	559244	19.19
201355928500	PROCTOR KIM MARIE	2013	559285	84.61
201355928800	WILSON JAMES CLINTON	2013	559288	7.39
201355929700	CAYTON INGRID STORM	2013	559297	167.66
201380016200	TRIPLE C FARMS OF BRUNSWICK COUNTY I	2013	800162	143.02
201355943400	HARDY ROBERT JR	2013	559434	5.11
201355944700	CLEMMONS MELANDY	2013	559447	5.04
201355949400	DAVIS CHRYSTA MARIE	2013	559494	6.00
201355950800	HAMRICK JEFFREY DAVID	2013	559508	5.53
201355952100	MURPHY BRITTANY MARIAH	2013	559521	5.17
201355952800	SALTSGAVER BRIAN DAVID	2013	559528	7.04
201355958300	GERMAN JOSHUA ISSACC	2013	559583	7.34
201355959000	CAVENAUGH BILLY JOE	2013	559590	10.22
201355960300	GROOME JOHN R JR	2013	559603	8.34
201355963600	GARNER RANDALL WAYNE	2013	559636	6.86
201355964300	QUEEN GILMER DEAN	2013	559643	15.15
201355974100	ROUTH SANDRA SMITH	2013	559741	5.04
201355975600	SUTTON SHANNON FRANKIE JR	2013	559756	8.01
201355978800	GARCIA UBALDO TORRES	2013	559788	6.77
201355980200	WILLIAMS ALEEN STEVENSON	2013	559802	6.37
201355980600	JACKSON JAMES ROBERT	2013	559806	6.06

201355980700	HENRY SANDRA ELIZABETH	2013	559807	5.07
201355991600	BITTORF HENRY GEORGE	2013	559916	9.78
201355997700	PELLOM ALMA CLAY	2013	559977	6.64
201355999100	JOHNSON MAE MCNEILL	2013	559991	27.01
201356004300	GILLAND SCOTT ALEXANDER	2013	560043	11.89
201356006200	HOFFMAN ZACHARIE LEE	2013	560062	58.78
201356013900	QUEEN GILMER DEAN	2013	560139	10.30
201356018400	SARVIS TIMMY EDWARD	2013	560184	20.49
201356021500	BENAVIDES ALBERTA RAMOS	2013	560215	6.20
201356023900	PARRISH RICHARD KEVIN	2013	560239	12.57
201356027900	MURRAY BILLY STEPHEN	2013	560279	27.92
201356028000	REMBERT STEPHANIE LEIGH	2013	560280	11.46
201356032600	ESPINOSA GOCHI MARIO LUIS	2013	560326	24.74
201356036400	JOHN WILLIAMS PLUMBING INC	2013	560364	17.17
201356044000	STONESTREET NICHOLAS ALTON	2013	560440	7.12
201356044400	HALL MICHAEL ANTHONY	2013	560444	13.36
201356047700	BROWN DONALD RAY II	2013	560477	28.39
201356053600	LOMBARD DANIEL JOSEPH	2013	560536	11.75
201356054300	WHITE ANTONIAL LEMARC	2013	560543	32.13
201356055800	CUEVAS ROBLES VICTOR JESUS	2013	560558	5.09
201356058400	HALES JODI KILDE	2013	560584	14.51
201356058500	RANDOLPH TIMOTHY LAMAR	2013	560585	10.22
201356060500	BEISLER JOSEPH ALAN	2013	560605	6.02
201356061200	HENSLEY JOSHUA ADAM	2013	560612	11.19
201356067400	FULLWOOD ANDRE MORRELL JR	2013	560674	6.68
201356077000	LEWIS MATHEW	2013	560770	33.28
201356078400	BARBERIA ELIZABETH OSBORNE	2013	560784	19.38
201356078600	PITTMAN HANNA LEA	2013	560786	40.18
201356083700	SOUTHERN GRACE OF SOUTHPORT LLC	2013	560837	34.22
201356085800	LUDLUM DEMONA ROBINSON	2013	560858	13.98
201356086300	MONDS TAMMY DENISE	2013	560863	23.88
201356090200	STEVENSON ABIVA FATIMA	2013	560902	25.89
201356094900	LAWRENCE KENDALL RAY	2013	560949	30.13
201356097400	SANCHEZ ELOY MARTINEZ	2013	560974	12.47
201356097900	GIBBS RONNIE ROOSEVELT	2013	560979	17.05
201356099100	COBBS MAURICE DAVAUGN	2013	560991	15.47
201356102100	LEDFORD BARBARA GLADDEN	2013	561021	7.85
201356116400	MOSKETTI WILLIAM EDWARD	2013	561164	17.19
201356117800	JACKSON ALICE MALPASS	2013	561178	17.74
201356120300	DODSON ELIZABETH ANNELIESE	2013	561203	27.12
201356124200	WALLACE ROBERT MATTHEW	2013	561242	23.55
201356125700	HILL ANTHONY MAURICE	2013	561257	21.73
201356128300	VERNON TERRY LYNN	2013	561283	18.40
201356130900	QUINONES JOSE ANTONIO	2013	561309	16.59
201356137000	HOWARD NICHOLAS SHAWN	2013	561370	43.28
201356138100	HEWETT BILLIE JANE	2013	561381	19.34
201356142500	BOSTIC WILLIAM WATSON JR	2013	561425	34.69

201356143500	JACKSON KEVIN STEVEN	2013	561435	12.17
201356145200	WOOD EDWARD HARRISON III	2013	561452	14.72
201356149500	SCINA NOREEN LYNN	2013	561495	12.66
201356150700	PRESLEY KIMBERLY LYNN	2013	561507	15.67
201356152000	DANFORD LISA TAYLOR	2013	561520	26.64
201356152800	VARNER COLT RIVERS	2013	561528	17.39
201356163300	ESCOBAR NATASHA MEREDITH	2013	561633	7.52
201356163800	SULLIVAN ALEX JASON	2013	561638	10.71
201356174200	KONRAD ERIK GLEN	2013	561742	13.41
201356175500	SKAGGS TIFFANY RENEA	2013	561755	22.70
201356178600	STUPKA EDWARD MICHAEL	2013	561786	18.11
201356179900	NEWTON STEVEN TODD	2013	561799	15.58
201356188000	MILLIS JESSICA HOPE	2013	561880	8.94
201356193000	TRUETT JEREMY JAMES	2013	561930	15.92
201356193300	GIBBS TYRELL RAHEAM	2013	561933	26.28
201356196000	ZARATE GONZALEZ SERGIO HUGO	2013	561960	42.30
201356196200	DORTON JACKIE LYNN	2013	561962	31.95
201356197000	NICHOLS REGINA FORMYDUVAL	2013	561970	8.23
201356199500	CHASON ROGER TYLER	2013	561995	1.45
201356202700	MORSE LARRY EUGENE	2013	562027	25.76
201356205900	RANDOLPH JEREMY MICHAEL	2013	562059	19.69
201356207000	BRYANT DELPHIA MAE MARLOW	2013	562070	8.36
201356209400	DURHAM MICHAEL THOMAS	2013	562094	7.12
201356211800	EDWARDS ALISSA ROSE	2013	562118	17.20
201356213300	BARR DEREK RYAN	2013	562133	1.80
201356214000	MALPASS BRAD EUGENE	2013	562140	24.30
201356215000	HARVISCHAK DANIEL JAMES	2013	562150	15.38
201356216500	WEST RHONDA PIERCE	2013	562165	20.26
201356218600	PARHAM DOUGLAS JEFFERSON	2013	562186	33.18
201356221500	HANES THOMAS ELMER	2013	562215	7.92
201356222600	LOPEZ ROMAN JOSE REYNALDO	2013	562226	7.13
201356234600	MOORE THOMAS CHARLES	2013	562346	28.36
201356242200	LEWIS CHERYL LYNN	2013	562422	23.02
201356254500	JONES LISA MICHELLE	2013	562545	8.01
201356256700	HESTER JAPHETH LEE	2013	562567	10.89
201356262800	TAYLOR JERRY WAYNE	2013	562628	13.14
201356266500	HUNTINGTON DOROTHY JEAN	2013	562665	10.44
201356270300	HARRIS BOBBIE RENE	2013	562703	50.18
201356271800	BELL MEREDITH ALYSE	2013	562718	14.43
201356284000	STEELE JAMES GARY	2013	562840	57.82
201356289800	MILLS TERESA MARIE	2013	562898	38.23
201356294000	LOCKLEAR FELIX	2013	562940	8.05
201356294200	ALDRIDGE DENNIS MICHEAL	2013	562942	41.33
201356321400	DEVANEY CHRISTINA MICUCCI	2013	563214	14.63
201356323200	BERNARD MARY LOUISE	2013	563232	31.42
201356328200	HOLDEN SUMMER DAWN	2013	563282	90.90
201356329800	NEWKIRK CHADERIKA ANTOY	2013	563298	63.85

201356329900	REAVES THOMAS CYRIQUE	2013	563299	29.25
201356330000	KLUTTZ DAVID MICHAEL	2013	563300	13.59
201356331300	BEST MATTHEW DALE	2013	563313	50.67
201356335100	ODELL JOYCE AUSTIN	2013	563351	108.25
201356335800	DUNCAN DANIELLE NICOLE	2013	563358	124.99
201356341400	GOODWIN TAMEKA TOMASINA	2013	563414	40.33
201356344900	WARD CAMERON BRETT	2013	563449	11.54
201356350800	LINCOLN SHIRLEY ANNE	2013	563508	53.58
201356351900	MCGIBONEY ROBERT STEWART	2013	563519	58.39
201356355700	KERVIN-SIM CATHERINE ANN	2013	563557	60.06
201356362400	SILAS AMBER NICOLE	2013	563624	42.71
201356362900	CHAPMAN CAROLINA PEARSON	2013	563629	18.86
201356368900	SCOTTI RONALD CONRAD	2013	563689	74.92
201356371100	SIMPSON JAMES BRYANT	2013	563711	20.62
201356381100	PREVATT MICHAEL RAYMOND II	2013	563811	10.89
201356388400	ROBIE RICKY ALAN	2013	563884	11.20
201356395500	STEWART RONALD STEVEN	2013	563955	104.52
201356398900	CARLYLE TINA VARNUM	2013	563989	44.56
201356400000	IGOE JIMMY LEE	2013	564000	68.95
201356404500	LOWERY AUSTIN WAYNE	2013	564045	40.00
201356407200	LANE BILLY ERSKINE JR	2013	564072	36.11
201356413400	BENNETT MANSEL GLENN II	2013	564134	37.33
201356415400	COUGHLIN JOSHUA ANDREW	2013	564154	23.34
201356429700	MONTERRUBIO AMANDA RENAE	2013	564297	19.38
201356434000	CUZICK CHAD ALLEN	2013	564340	30.17
201356437300	STEIN JAMES FREDERICK	2013	564373	20.22
201356440700	GROHSMAN PATTI LOU	2013	564407	47.57
201356442600	MCKOY AMELIA NIDRILL	2013	564426	36.73
201356448100	KELCHNER PAUL LENNON	2013	564481	40.98
201356456600	FREEMAN DEWAYNE SCOTT	2013	564566	120.40
201356458900	LONG CRYSTAL COLEMAN	2013	564589	57.03
201356459100	HAYES RICKY LANE	2013	564591	25.27
201356466700	WELCH MICHAEL DENNIS	2013	564667	6.07
201356472100	HEWETT JUSTIN ALLEN	2013	564721	19.74
201356481700	GARDNER CHANNING DENESHIA	2013	564817	16.86
201356486900	SMITH DANIEL FRANKLIN	2013	564869	7.45
201356487200	RUTLEDGE MICHAEL ANTHONY	2013	564872	58.06
201356492000	PIERCE KRISTY LEE	2013	564920	87.57
201356494600	ERNEST ROBERT JOHN III	2013	564946	22.04
201356494900	SMITH DAVID DEREK	2013	564949	7.09
201356503000	BURRIS BRETT DOUGLAS	2013	565030	50.89
201356508600	LANGLEY ARIEL CHRISTINE	2013	565086	31.99
201356511100	INGALLS MELISSA MARIE	2013	565111	35.80
201356514300	TYLER DANIEL MATTHEW	2013	565143	53.41
201356523000	MCCRACKEN ROBERT JAMES	2013	565230	5.51
201356526400	FULMER KATHERINE MCDONALD	2013	565264	38.50
201356528500	MILLER ANTHONY LYNN	2013	565285	18.45

201356534800	BEISLER JOSEPH ALAN	2013	565348	30.67
201356536900	ASHWORTH DEBORAH LYNN	2013	565369	19.42
201356542800	HEWETT JOYCE GODWIN	2013	565428	25.97
201356544800	COX JAMES DANIEL	2013	565448	20.58
201356545700	OLIVARES ANGEL ERIK ALBERTO	2013	565457	114.52
201356546600	SERVICE BRUCE ELLIS II	2013	565466	6.73
201356547400	MCCOY TYRONE	2013	565474	87.66
201356547500	WAYE ARLENE TERESE	2013	565475	7.55
201356548300	MILLIKEN CHRISTOPHER DANIEL	2013	565483	27.21
201356549400	LEONARD KRISTAL NICOLE	2013	565494	8.41
201356555000	BURNETT MYRON DOUGLES	2013	565550	20.75
201356561200	NORRIS MALISSA JEWEL	2013	565612	24.12
201356567700	RAY SUSIE PETRY	2013	565677	19.85
201356568200	DESJEAN KATHLEEN DENISE	2013	565682	1.19
201356594900	SMITH JOHNATHAN SCOTT	2013	565949	24.37
201356599600	FAIRFAX GIDGET EVANS	2013	565996	44.49
201356602200	GREEN SCOTT ALAN	2013	566022	28.10
201356607900	MCMILLAN VONTEA'A VICTORIA	2013	566079	82.00
201356612400	JULYSE, LLC	2013	566124	1.58
201356618900	POSS JONATHAN DOUGLAS	2013	566189	26.64
201356622700	LAYMAN WILLIAM THOMAS II	2013	566227	23.72
201356624300	OXENDINE JONATHAN EDGAR	2013	566243	66.73
201356633300	FLYNT MARK STEVEN	2013	566333	35.19
201356637600	GRAHAM LATRINDA MARIE	2013	566376	1.52
201356641600	LABRIE WENDY ARNETTE	2013	566416	48.45
201356650200	SABIN MICHELLE MARCOUX	2013	566502	23.99
201356655400	SYKES JODY ALLAN	2013	566554	74.58
201356656400	GORE ASHLEY BROOKE	2013	566564	44.12
201356657100	FREEMAN JEREMY JEROME	2013	566571	64.76
201356663400	JARVIS KRISTINA NICOLE	2013	566634	42.55
201356666900	THOMAS KAREN RENEE	2013	566669	152.24
201356669300	CORTES-SERRANO HERMINIO	2013	566693	13.94
201356673900	VARNAM RHONDA CHAMPION	2013	566739	26.28
201356674000	LOWERY KEEVIN	2013	566740	28.32
201356690400	TUSSEY TIFFANY NICOLE	2013	566904	15.37
201356691100	PORRAZZO RICHARD ROLANDO	2013	566911	17.52
201356693600	MILLS DEANNA MARIE	2013	566936	60.18
201356697500	SIMPSON LAURIE ANN	2013	566975	11.37
201356704000	KIGER BRIAN J	2013	567040	45.14
201356711500	BAILEY REBECCA LYNN	2013	567115	15.86
201356713000	NEIGHBORS MICHAEL SHAWN	2013	567130	105.18
201356717000	GONYEA MARJORIE ALICE	2013	567170	104.56
201356727600	FOWLER CYNTHIA KAYE	2013	567276	49.38
201356737200	COBB BRIDGET	2013	567372	74.42
201356762400	MURPHY KATHRYN ELLEN	2013	567624	52.44
201356762900	BEVENS JAMES LEE	2013	567629	14.03
201356770000	VERNON LETITIA RENEE	2013	567700	177.84

201356771900	WATSON GRACIE THOMPKINS	2013	567719	23.76
201356778600	BARRON CRESCENCIO BARRON	2013	567786	39.52
201356778700	GRIGGS KIMBERLY MICHELLE	2013	567787	28.41
201356779400	MCKAMEY CURTIS JAY	2013	567794	10.46
201356786400	BENCK MATTHEW J	2013	567864	10.18
201356786600	UNGER JONATHAN ANDREW	2013	567866	134.25
201356791900	GRISSETT SHAUNN DALE	2013	567919	40.40
201356793300	WAGNER JENNIFER LOWE	2013	567933	26.42
201356797400	MCLAMB RICHARD TONY JR	2013	567974	26.36
201356797800	TRACY AMANDA EILEEN	2013	567978	10.46
201356798800	MCNUTT ALLISON MARIE	2013	567988	129.23
201356804600	MASON JACQUELINE MARIE	2013	568046	73.87
201356807700	SEALEY DARIAN TYLER	2013	568077	77.57
201356810600	KERR KATHRYN ANGELA	2013	568106	84.24
201356811200	PRICE EARNEST	2013	568112	164.48
201356815600	SMITH PATRICIA LYNN	2013	568156	21.20
201356825700	WHITLOCK TRAVIS WAYNE	2013	568257	22.51
201356830700	HEWETT CURTIS WAYNE	2013	568307	19.78
201356832000	DANIELS COURTNEY MATRELLA	2013	568320	22.35
201356835500	DOWNS TINA MARIE	2013	568355	11.77
201356836200	HEWETT ONEIKA TANAYA	2013	568362	1.08
201356840300	FUNKE DESIREE LYNN	2013	568403	10.37
201356843600	WELLS RICHARDS ALBERT	2013	568436	168.34
201356845600	CARNEY COURTNEY LYNN	2013	568456	8.63
201356846000	MADISON GEORGE THOMAS	2013	568460	13.55
201356846900	REVELS LINDA DAVIS	2013	568469	118.12
201356851900	DICKINSON PETER MALCOLM	2013	568519	12.74
201356871000	SPELMAN KELLY SHANNON	2013	568710	34.69
201356874400	WASHINGTON DEBRA STEWART	2013	568744	121.28
201356875200	BOOTH GRANT FORREST	2013	568752	106.27
201356876300	SIMMONS MARRY KAY	2013	568763	126.99
201356876400	LUDKE JOSHUA PAUL	2013	568764	23.45
201356880600	TEKKO HOUSSAM NEMR	2013	568806	35.49
201356883200	GASTRIGHT THOMAS ARTHUR III	2013	568832	12.88
201356887800	FLYNN CRYSTAL REBECCA	2013	568878	10.22
201356892900	LEWIS TAYLOR ANN	2013	568929	12.48
201356896000	CAYTON INGRID STORM	2013	568960	185.38
201356904600	STANLEY SHAQUITA DENISHA	2013	569046	5.89
201356910000	BROWER FORREST THOMAS	2013	569100	12.97
201356920800	HOLMES STEPHEN PAUL	2013	569208	23.76
201356922100	THOMPSON KIMBERLEY GAY	2013	569221	73.79
201356940300	HARRELL TRAVIS LEE	2013	569403	32.39
201356948500	PAYNE CHRISTOPHER COLIN	2013	569485	14.51
201356957200	WILLIAMS HERMAN JEROME	2013	569572	119.30
201356958600	DAWSON DEBRA ANN	2013	569586	86.82
201356960400	LUDLUM KEITH BENNY	2013	569604	92.13
201356962300	DAVIS JOE FLOYD	2013	569623	100.85

201356965300	THOMPSON EDDIE	2013	569653	129.67
201356970900	HARANT GABRIEL BRUCE	2013	569709	75.98
201356971700	CARSTENS DENNY-RAY	2013	569717	1.99
201356977400	CORRELL CHARLES LEE	2013	569774	49.98
201356978000	PRICE DONTE DEVAUL	2013	569780	6.58
201356980600	JONES SERENA LEE	2013	569806	14.16
201356989700	DAVIS WENDELL SCOTT	2013	569897	7.39
201380030100	RUSSELL JOHN CHRISTIAN	2013	800301	132.82
201380033400	LANE ZACHARY RUSSELL	2013	800334	5.17
201356996500	HOOPER KENNY ALTON JR	2013	569965	10.80
201356997500	HANCOCK AMBER PORTER	2013	569975	4.10
201356998100	MILLER CLOTHLE ANDERSON	2013	569981	5.59
201356999100	GUTIERREZ OMAR	2013	569991	6.59
201356999600	BAILEY MARGARET JARRELL	2013	569996	6.13
201357001500	HUFF AMANDA LYNN	2013	570015	5.95
201357002700	EAGLES JOHN ARTHUR	2013	570027	8.52
201357004300	SIMMONS TAMERA ERWIN	2013	570043	14.35
201357005900	JIMENEZ CALVILLO LUCAS VIVIANO	2013	570059	7.04
201357007300	WAGONER MARGO VIRGINIA	2013	570073	11.62
201357007600	HUMPHREY TAMMY HARWELL	2013	570076	6.86
201357007800	BARROW JAMES BRYCE	2013	570078	10.70
201357008000	GARNER GREGORY BRYAN	2013	570080	10.35
201357010100	DAVIS TAMESHA LASHAY	2013	570101	29.83
201357010500	GOULD ROBERT ALEXANDER	2013	570105	15.97
201357011100	REINHART NICOLE RENEE	2013	570111	42.81
201357011200	NORRIS STEPHEN EDWARD	2013	570112	7.18
201357012500	COASTAL TRUCKING LLC	2013	570125	6.99
201357013200	MALDONADO DELACRUZ JENNIFER MICHELLE	2013	570132	7.52
201357013600	CHARLET JAMES DAVID JR	2013	570136	10.70
201357015300	ZELAYA VICTOR MANUEL	2013	570153	9.17
201357017900	MCKINNON GERALD LEE JR	2013	570179	11.76
201357018800	BRITT BOBBY BRIAN	2013	570188	37.18
201357019600	ESCOBAR JUAN ALBERTO	2013	570196	12.66
201357020100	JOHNSON BYRON SCOTT	2013	570201	16.22
201357021800	BROWN CLIFTON STAFFORD	2013	570218	17.57
201357024300	WHEELER JUNE PRUITT	2013	570243	16.82
201357026000	SMITH CALVIN WAYNE	2013	570260	15.22
201357027500	OLIVER RACHEL REENA	2013	570275	13.54
201357038200	SMITH FRED DOUGLAS	2013	570382	13.60
201357040700	SMALL JIMMIE LEE JR	2013	570407	16.24
201357040800	KING TIMMY LEE	2013	570408	6.55
201357043200	PARADA EDUARDO ANTONIO TICAS	2013	570432	7.26
201357044400	MULLINS DANIELE NICOLE	2013	570444	19.51
201357044500	WILLIAMS FREDRICK LEE	2013	570445	12.97
201357044800	HOSTVEDT JOHN ROBERT JR	2013	570448	6.89
201357045000	WATTS PRISCILLA HASSELL	2013	570450	10.71
201357045800	ABLES RICHARD HAROLD	2013	570458	55.00

201357046100	FRINK KHANDON ONSHA	2013	570461	12.04
201357047200	FULWOOD COURTNEY REBECCA	2013	570472	32.83
201357048400	PRITCHARD ANNETTE MANDY	2013	570484	5.44
201357048900	HARDY ELIZABETH MICHELLE	2013	570489	12.18
201357049100	GONZALEZ GERARDO RAMIREZ	2013	570491	57.08
201357050900	SWEATT DEBORAH BLANCHARD	2013	570509	6.73
201357052900	BELLAMY FLOSSIE OMEGA	2013	570529	22.97
201357053400	EVANS LARRY DENNIS	2013	570534	26.66
201357053700	JACKWAY JEFFREY MICHAEL	2013	570537	23.19
201357054500	MATTHEWS ERICCA LYNN	2013	570545	15.72
201357054600	MILLER ORVILLE ALBERT JR	2013	570546	65.45
201357056400	SMITH CAJITA GRANNAE	2013	570564	28.05
201357056500	SPAULDING GREGORY OWEN	2013	570565	72.35
201357057200	LEONARD MAE LYN NICOLE	2013	570572	12.39
201357058000	BRITTON EDITH GRAMBY	2013	570580	42.52
201357061600	BALLARD HARDY JR	2013	570616	26.99
201357062000	DISCENZA DAWN MARIE	2013	570620	6.86
201357064000	BURLEY WAYNE DAVID	2013	570640	101.24
201357066200	SEBASTIANELLI ILENE SUSAN	2013	570662	46.81
201357068000	RYAN MICHAEL JOSEPH	2013	570680	92.87
201357070500	GRIFFITH JOSHUA MARK	2013	570705	19.93
201357072200	WRIGHT CYNTHIA CHRISTINE	2013	570722	3.59
201357073100	JACKSON MICHAEL POOLE	2013	570731	72.26
201357073700	MILLER PATRICK BRYAN DRISCOLL	2013	570737	6.95
201357075600	MACMASTERS JEAN MARIE	2013	570756	47.21
201357076800	WATSON RONA MARTIN	2013	570768	58.27
201357077900	DARNELL LILLIE OSWALD	2013	570779	32.27
201357079600	MOORE MICHELLE KORRINNE	2013	570796	22.79
201357080900	MOORE JAMES DUANE	2013	570809	30.76
201357083100	FALK BRIAN PAUL	2013	570831	39.44
201357083300	BOPST DONALD GEORGE SR	2013	570833	11.95
201357083500	KILLOUGH SABRINA MARIE	2013	570835	31.37
201357085200	PHILLIPS CHRISTINA YVETTE	2013	570852	17.35
201357089600	KLUTTZ DAVID MICHAEL	2013	570896	44.58
201357090100	SWIFT JAMES ERNEST	2013	570901	29.06
201357093000	LANGLOIS CECIL RAY	2013	570930	8.67
201357094800	1ST OCEAN AIR INC	2013	570948	3.28
201357095600	TEAL BRANDON CHARLES	2013	570956	7.08
201357097700	VANMETER WILLIAM CHARLES	2013	570977	60.80
201357099200	JOHNSON LINDA LOUISE	2013	570992	11.94
201357101200	MONTGOMERY GINA LANCE	2013	571012	78.41
201357102100	JONES JENNIFER MONDELLI	2013	571021	32.70
201357102200	JOHNSON CRYSTAL DANELLE	2013	571022	15.58
201357102900	BROWNING BRANDON DOUGLAS	2013	571029	15.09
201357103500	MAKARICH KERRIGAN DOWNER	2013	571035	69.13
201357104000	STANLEY MARY ELLA	2013	571040	47.70
201357104800	ELLIOTT JUSTIN SHAWN	2013	571048	51.32

201357108900	SMITH LINDSEY MARIE	2013	571089	50.56
201357109300	PARSONS JOHN WILLIAM	2013	571093	10.49
201357109400	LEDOUX DANIEL RICHARD	2013	571094	9.78
201357110300	POWELL ROBERT MICHAEL	2013	571103	160.98
201357112500	BUDDE BRITTANY LANE	2013	571125	9.56
201357118700	DINGMAN CHRISTOPHER ALLEN FRANCIS	2013	571187	8.24
201357119500	TOLAN DAVID SHANE	2013	571195	9.47
201357119800	SZAFARSKI ALLISON MARIE	2013	571198	13.87
201357120600	SULLIVAN MAUREEN CONSTANCE	2013	571206	108.98
201357122800	COMER DEVLIN WAYNE	2013	571228	5.49
201357123000	HORNE KIRK RAY JR	2013	571230	32.48
201357123100	DUDLEY ROSELEE	2013	571231	12.66
201357124600	DAVIS LEE-BERTHA HEWETT	2013	571246	61.11
201357128300	MILLS NATASHA NICOLE	2013	571283	13.58
201357129900	CUMMINGS-WISE TIA KRISTY	2013	571299	26.86
201357130700	SIMMONS BETTY HALL	2013	571307	52.17
201357131000	CONLEY JASON ALLEN	2013	571310	14.47
201357132000	BLACKWELL DONALD GILLIAM	2013	571320	82.61
201357133500	ELLEN DAVID SCOTT	2013	571335	91.42
201357134500	TEDDER ROSE MARTINEZ	2013	571345	17.46
201357136200	FLOYD JESSE JAMES	2013	571362	10.55
201357137500	RIGGS KAITLIN LEIGH	2013	571375	3.00
201357139200	MUNN TYRELL NICOLE	2013	571392	80.54
201357142400	MCNAIR LARRY ALLEN JR	2013	571424	202.65
201357143000	FLYNT BETTY BLACKBURN	2013	571430	11.07
201380042700	REGISTER AMANDA CAISON	2013	800427	29.29
201380042800	REGISTER AMANDA CAISON	2013	800428	24.38
201357144200	LANGLEY DARRYL THOMPSON JR	2013	571442	107.69
201357145600	JACKSON DONALD RAY	2013	571456	8.42
201357146000	HANKINS CHRISTOPHER LEVERNE	2013	571460	6.68
201357147800	LIVING 2 LOVE CDC	2013	571478	1.05
201357148900	WILKES HARRY THOMAS	2013	571489	19.25
201357150800	MURDAUGH ASHLEY IVANNA BRIANNE	2013	571508	13.00
201357150900	YAGER CHARLES BRYAN	2013	571509	45.62
201357152400	CLARK LINDY LEE	2013	571524	3.95
201357153300	COWIN MICHELE BOSWELL	2013	571533	13.41
201357153500	STOCKS TANYA LEE	2013	571535	12.88
201357155900	PIERCE BRANDON GLENN	2013	571559	33.79
201357158900	DUDLEY TAWANDA LORETTA	2013	571589	49.21
201357161000	GEIB JEANNE MILL	2013	571610	4.33
201357164700	HEWETT CURTIS WAYNE	2013	571647	11.05
201357165200	SCHRONCE GARY LEE	2013	571652	34.78
201357166300	WILSON SHEENA KAY	2013	571663	46.15
201357167000	WHITE TARA MARIE	2013	571670	11.20
201357170200	RICHARDSON KASHMEA MONY	2013	571702	16.75
201357171100	HUNSUCKER JEREMY ROBERT	2013	571711	41.73
201357172100	CLARKE TEMEL TERECK	2013	571721	29.05

201357176700	JOHN WILLIAMS PLUMBING INC	2013	571767	56.91
201380049700	FORD ANTHONY	2013	800497	30.36
201380049800	FORD ANTHONY	2013	800498	26.64
201380049900	FORD ANTHONY	2013	800499	23.41
201380052200	WINSTON GARY RAY	2013	800522	7.90
201357182700	LEWIS IAN DAIL	2013	571827	6.24
201357183100	GENTRY LAWRENCE MARSHALL	2013	571831	61.10
201357185700	HAQQ JAMEELAH DENISE	2013	571857	37.66
201357185800	CRONIN DENNIS FRANCIS JR	2013	571858	55.40
201357186700	SCOTT SONYA WEST	2013	571867	47.70
201357188900	RUTHERFORD JACOB JOHN	2013	571889	96.53
201357192900	GENTRY LAWRENCE MARSHALL	2013	571929	46.96
201357193500	DEGRENIER ROBBIE KEITH	2013	571935	10.00
201357195900	MCSWAIN ROBERT DELANO	2013	571959	31.86
201357197100	MOORE THOMAS EDWARD	2013	571971	26.06
201357199400	CLARK DENNIS AARON	2013	571994	41.82
201380059100	COSTIN ALISHA MARIE	2013	800591	18.98
201380059200	COSTIN ALISHA MARIE	2013	800592	23.46
201380059300	COSTIN ALISHA MARIE	2013	800593	20.61
201380059400	COSTIN ALISHA MARIE	2013	800594	18.47
201357203600	HARRELSON DANIEL BRETT	2013	572036	67.24
201357206200	RIESENBECK HEATHER LYN	2013	572062	8.36
201357206300	DANIEL ELIZABETH FAYE SPIKES	2013	572063	26.55
201357206700	SING JAIME MICHELLE	2013	572067	2.51
201357207000	KENNEY NIKKI KAY	2013	572070	68.13
201357209300	STANLEY JAYMUS DANIEL	2013	572093	11.06
201357209700	BROWN JACOB CHARLES	2013	572097	62.19
201380064800	RAY SUSIE PETRY	2013	800648	20.44
201380073100	FUENTES ANA ALICIA	2013	800731	6.90
201380077500	STALLINGS RICHARD RYAN	2013	800775	13.58
201380078600	D&S ENTERPRISES	2013	800786	6.98
201380078700	D&S ENTERPRISES	2013	800787	6.63
201357218900	KERRIGAN TERRY JOHN	2013	572189	5.22
201357220800	LUSSIER YVETTE DIANE	2013	572208	52.74
201357221200	BROWN JOSHUA BRADLEY	2013	572212	15.09
201357221800	HANLEY COURTNEY BLAIR	2013	572218	48.59
201357222300	CHATFIELD KENT ALLEN	2013	572223	48.72
201357222800	WILLIAMS ASHLEY LAUREN	2013	572228	139.78
201380080600	HAUSER GEORGIA ANNE	2013	800806	42.66
201380080700	HAUSER GEORGIA ANNE	2013	800807	38.90
201380082600	BULLARD MICHAEL VAN	2013	800826	18.76
201357224400	DELPEZZO RAYMOND JOHN JR	2013	572244	9.02
201357226700	MOODY LEROY JR	2013	572267	15.03
201357228000	WHITTINGTON JEAN MARIE	2013	572280	39.52
201380096800	DOSHER HEATH LYNN	2013	800968	5.13
201380097000	DOSHER HEATH LYNN	2013	800970	6.72
201380097100	DOSHER HEATH LYNN	2013	800971	6.39

201380097200	DOSHER HEATH LYNN	2013	800972	6.07
201450001000	BLAKE TIMOTHY SHAUN	2014	500010	35.05
201450001200	MARTINEZ MAYRA NATALIA	2014	500012	21.50
201450004900	SMITH STEVE ALLEN	2014	500049	68.65
201380102300	SEMMENS JAMES WESLEY	2013	801023	15.44
201380104500	SASSER DANIEL VIRGIL	2013	801045	33.27
201380104600	SASSER DANIEL VIRGIL	2013	801046	31.61
201450010200	CLARK JUSTIN COREY	2014	500102	12.21
201480004500	COBBS MARTHA MOORE	2014	800045	39.02
201480004600	COBBS MARTHA MOORE	2014	800046	37.08
201480004700	COBBS MARTHA MOORE	2014	800047	33.92
201480005900	CAROZZA-JOHNSTON BEVERLY ANN	2014	800059	12.32
201480008200	BOZEMAN SHINENE DESHON KELLY	2014	800082	31.91
201480009000	CLARK CYNTHIA FAY	2014	800090	11.24
201480009100	CLARK CYNTHIA FAY	2014	800091	10.62
201480009900	RICH ERIC DWAYNE	2014	800099	102.23
201480014000	BLAND KRYSTLE LATYSHA	2014	800140	8.70
201480014100	BLAND KRYSTLE LATYSHA	2014	800141	8.26
201480014300	BLAND KRYSTLE LATYSHA	2014	800143	7.85
201480015000	GRAINGER DENNIS RAY JR	2014	800150	22.10
201480015100	GRAINGER DENNIS RAY JR	2014	800151	20.99
201480015300	GRAINGER DENNIS RAY JR	2014	800153	19.95
201480020500	CRAIG ANTHONY EDGAR	2014	800205	100.30
201480020700	CRAIG ANTHONY EDGAR	2014	800207	87.72
201480022300	DECKER REBA HOWARD	2014	800223	14.85
201480025500	DUNN LURA ROBERSON	2014	800255	7.02
201585000500	BENSON CHRISTOPHER COBY	2015	850005	18.21
201585000900	BENSON CHRISTOPHER COBY	2015	850009	15.50
201585003200	MANN ROBERT THOMAS	2015	850032	74.50
201585003900	MANN ROBERT THOMAS	2015	850039	17.00
201585004300	MANN ROBERT THOMAS	2015	850043	102.47
201585004600	ENIS KELLY BETH	2015	850046	1.13
201585008400	MCNALLY MARTHA KEITH	2015	850084	26.15
201585011300	MONROE DAVID HOOD	2015	850113	1.65
201585013900	MINGES PAULA SETZER	2015	850139	32.64
201585014000	MINGES PAULA SETZER	2015	850140	26.91
201585014300	MINGES PAULA SETZER	2015	850143	20.74
201585014500	MINGES PAULA SETZER	2015	850145	19.96
201585014800	MINGES PAULA SETZER	2015	850148	17.46
201585016500	LOYD WILLIAM ARNOLD	2015	850165	35.09
201585016700	DOMEN BARBARA LEE	2015	850167	22.95
201585017800	WELLS PATRICIA MORRIS	2015	850178	16.32
201585025500	MCCULLOUGH JEFFREY SCOTT	2015	850255	37.40
201585027100	MCCULLOUGH JEFFREY SCOTT	2015	850271	37.40
201585032300	CANNON JEFFREY SCOTT	2015	850323	52.96
201480041200	JACKSON ANTHONY LAFRANCE	2014	800412	21.79
201480041300	JACKSON ANTHONY LAFRANCE	2014	800413	20.70

201480043300	MILES ANDREA FAYE	2014	800433	30.96
201580001200	SMITH BRITTANY BABSON	2015	800012	53.81
201580001300	SMITH BRITTANY BABSON	2015	800013	46.99
201580003100	MURRELL ELMER DUSTER JR	2015	800031	76.26
201580004300	BRYANT SHARON MARIE	2015	800043	63.64
201580009000	SCOTT CHARLOTTE SHERRILL	2015	800090	22.27
201580009400	LANGLEY DARRYL THOMPSON JR	2015	800094	78.55
201580012000	MALTEZ STEPHANIE OWENS	2015	800120	13.81
201580017100	HUDSON GLENN ERNEST	2015	800171	71.71
201580017200	PRENTICE JOEL WIILLIAM JR	2015	800172	10.94
201580017300	PRENTICE JOEL WIILLIAM JR	2015	800173	10.97
201580019100	HUDSON GLENN ERNEST	2015	800191	77.46
201580019300	BAUER ALYSSA JAYNE	2015	800193	5.09
201580023900	SCOTT CHARLOTTE SHERRILL	2015	800239	20.88
201580028600	REINERT KURTIS SCOTT	2015	800286	1.88
201580030700	BEASLEY ROYCE ALLEN	2015	800307	73.28
201580030800	BEASLEY ROYCE ALLEN	2015	800308	13.28
201580030900	BEASLEY ROYCE ALLEN	2015	800309	13.28
201580031000	BEASLEY ROYCE ALLEN	2015	800310	13.28
201580031100	BEASLEY ROYCE ALLEN	2015	800311	14.55
201580037800	HOLDEN MARK DWAYNE SR	2015	800378	23.81
201580037900	HOLDEN MARK DWAYNE SR	2015	800379	22.46
201580041300	PETTY LLOYD LEE JR	2015	800413	4.22
201580044900	ROBINSON JAMIE LYNN	2015	800449	32.76
201580045500	BORDERS ALLEN EUGENE	2015	800455	266.16
201580045600	BORDERS ALLEN EUGENE	2015	800456	206.33
201580045700	BORDERS ALLEN EUGENE	2015	800457	306.86
201680000300	BLALOCK MARY E	2016	800003	6.26
201680000800	GREEN JAMAAL MARTEL	2016	800008	73.69
201680000900	GREEN JAMAAL MARTEL	2016	800009	76.65
201680001800	TOOLEY TUNAISHA LYNN	2016	800018	11.99
201680001900	TOOLEY TUNAISHA LYNN	2016	800019	10.58
201680002000	TOOLEY TUNAISHA LYNN	2016	800020	9.43
201680002100	TOOLEY TUNAISHA LYNN	2016	800021	9.02
201680002200	HOBBS WILLIAM EARL	2016	800022	5.30
201680002300	HOBBS WILLIAM EARL	2016	800023	5.51
201680005700	RAMSEY LAWRENCE LEMOYNE JR	2016	800057	18.45
201680005800	RAMSEY LAWRENCE LEMOYNE JR	2016	800058	16.33
201680005900	RAMSEY LAWRENCE LEMOYNE JR	2016	800059	15.42
201680006000	JOHNSON CIRETTA GRISSETT	2016	800060	41.61
201680009300	TUCKER RICHARD WESLEY	2016	800093	4.73
201680009500	TUCKER RICHARD WESLEY	2016	800095	4.50
201680009600	TUCKER RICHARD WESLEY	2016	800096	4.27
201680009700	TUCKER RICHARD WESLEY	2016	800097	4.45
201680010000	JOYNER VIRGINIA SOLES	2016	800100	52.19
201680017700	STOWELL HOLLY AMORETTE	2016	800177	4.61
201680019700	FRINK HERBERT	2016	800197	54.74

201680019800	FRINK HERBERT	2016	800198	51.90
201680021000	PARK JOHN ALLEN	2016	800210	136.85
201780001500	FUTRELL DENA MICHELLE	2017	800015	10.05
201780001600	FUTRELL DENA MICHELLE	2017	800016	9.36
201780003200	ROBERT LEE HUGHS JR	2017	800032	2.21
201780003300	ROBERT LEE HUGHS JR	2017	800033	2.43
201780003400	ROBERT LEE HUGHS JR	2017	800034	2.43
201780003500	SHELLEY BRANDON KYLE	2017	800035	11.95
201780003600	SHELLEY BRANDON KYLE	2017	800036	10.80
201780003700	SHELLEY BRANDON KYLE	2017	800037	10.52
201780003800	SHELLEY BRANDON KYLE	2017	800038	9.36
				63,054.00

Brunswick County Board of Commissioners
ACTION AGENDA ITEM
September 19, 2022

Action Item # V. - 13.
Tax Admin - September 2022 Releases

From:
Jeff Niebauer

Issue/Action Requested:
Request that the Board of Commissioners approve the September 2022 releases.

Background/Purpose of Request:
Approval of the tax releases for September 2022. A summary of the releases is listed below.

County real property release value $165,280 (4 releases)
Calabash real property release value $19,150 (1 release)

County personal property release value $472,683 (14 releases)
Smithville personal property release value $296,935 (4 releases)
Leland personal property release value $12,956 (2 releases)
Varnamtown personal property release value $44,237 (1 release)

County VTS September 2022 release value $333,382 (19 releases)
Smithville VTS September 2022 release value $2,191 (1 release)
Boiling Spring Lakes VTS September 2022 release value $104,380 (5 releases)
Leland VTS September 2022 release value $177,015 (7 releases)
Oak Island VTS September 2022 release value $2,191 (1 release)
Shallotte VTS September 2022 release value $37,045 (4 releases)

For information purposes only

Calabash fire district $200 (1 release)
Civietown fire district $74.25 (1 release)
Leland fire district $940.50 (6 releases)
Waccamaw fire district $379.68 (3 releases)

Fiscal Impact:
Reviewed By Director of Fiscal Operations

Approved By County Attorney:
Yes

County Manager's Recommendation:
Recommend that the Board of Commissioners approve the September 2022 releases.

ATTACHMENTS:

Description

- Tax Releases September 2022
- Motor Vehicle Releases (VTS) September 2022 Processed August 2022 (NCDMV Tax & Tag)
- Fire Fee Releases

Tax Releases for September 2022
BUSINESS PERSONAL RELEASES

Release Number	Release Date	Tax Payer Name	Bill Number (Year)	Account Number	City	Parcel Number	Township	Amount Released	Value Released	Release Reason
048731	8/31/2022	SMITH COLIN G ETUX SMITH ALICE FAIR	132798 (2022)	80101281	OCEAN ISLE BEACH	243MA01207	SHALLOTTE	$88.90-C	$18,329.00	Non Income Producing
048732	8/31/2022	FOX PATRICIA ETVIR TURNER JOHN R	049621 (2022)	80093944	HOLDEN BEACH	247AA005	LOCKWOOD FOLLY	$65.12-C	$13,427.00	Clerical Error/DE Error
048733	8/31/2022	COASTAL ADVENTURES INC	028739 (2022)	30164080	OAK ISLAND	23600010	SMITHVILLE	$1103.70-C $91.03-SM	$227,566.00	Did Not Own January 1
048734	8/31/2022	MCMXI DEVELOPER SERVICES	094590 (2017)	80048736	LELAND	037FB027	TOWN CREEK	$18.44-C $7.99-LEL	$3,803.00	Situs in Another County
048735	8/31/2022	TIAA FSB	146296 (2022)	80126066	LELAND	NULL	TOWN CREEK	$44.39-C $22.88-LEL	$9,153.00	Clerical Error/DE Error
048736	8/31/2022	TIAA FSB	146297 (2022)	80126066	OAK ISLAND	NULL	SMITHVILLE	$77.21-C $6.37-SM	$15,920.00	Clerical Error/DE Error
048737	8/31/2022	TIAA FSB	146294 (2022)	80126066		NULL	TOWN CREEK	$135.53-C	$27,945.00	Clerical Error/DE Error
048738	8/31/2022	BEACON 1 SEAFOOD	300484 (2022)	50038820	VARNAMTOWN	217FA003	LOCKWOOD FOLLY	$214.55-C $21.45-LL $22.12-VAR $2.21-VARLL	$44,237.00	Clerical Error/DE Error
048739	8/31/2022	BIO-MEDICAL APPLICATIONS OF NC INC	011913 (2022)	80004529		1680009501	LOCKWOOD FOLLY	$196.22-C	$40,458.00	APPEAL JUSTIFIED WITHIN 30 DAY NOTICE

Tax Releases for September 2022
PERSONAL RELEASES

Release Number	Release Date	Tax Payer Name	Bill Number (Year)	Account Number	City	Parcel Number	Township	Amount Released	Value Released	Release Reason
048740	8/31/2022	WILLETTS JEREME MICHAEL AND WILLETTS TAYLOR BLANTON	157292 (2022)	80086660		0700001501	TOWN CREEK	$24.42-C	$5,036.00	Did Not Own January 1
048741	8/31/2022	LOCKLEAR CHRISS ET LOCKLEAR BARBARA	087058 (2022)	53396030		231CA007	LOCKWOOD FOLLY	$3.75-C	$773.00	Did Not Own January 1
048742	8/31/2022	FUNK JOHN RANDALL	051231 (2022)	80095451	HOLDEN BEACH	231MC021	LOCKWOOD FOLLY	$61.05-C $6.10-LL	$12,587.00	Clerical Error/DE Error
048743	8/31/2022	BERGMAN MICHAEL LEON	010798 (2022)	80046488	OAK ISLAND	235KA02201	SMITHVILLE	$38.07-C $3.14-SM	$7,849.00	Did Not Own January 1
048744	8/31/2022	BRASWELL MICHAEL K ETUX BRASWELL LAURA B	015531 (2022)	32343430		221OB065	SMITHVILLE	$221.16-C $18.24-SM	$45,600.00	Did Not Own January 1

Tax Releases for September 2022
REAL RELEASES

Release Number	Release Date	Tax Payer Name	Bill Number (Year)	Account Number	City	Parcel Number	Township	Amount Released	Value Released	Release Reason
048745	9/7/2022	Juan Escabar	75888 (2020)	70493805	Brunswick County	07500015 A	WACCAMAW	$238.67-C	$49,210.00	Improvement removed from property
048747	9/7/2022	Juan Escabar	74821 (2019)	70493805	Brunswick County	07500015 A	WACCAMAW	$238.67-C	$49,210.00	Improvement removed from property
048749	9/7/2022	Juan Escabar	73732 (2018)	70493805	Brunswick County	07500015 A	WACCAMAW	$231.39-C	$47,710.00	Improvement removed from property
048751	9/7/2022	MOREL GREG M ETUX MOREL BRITTNEY K	101737 (2022)	80107275	Calabash	241JE005		$92.88-C $16.76-CAL	$19,150.00	Structural element correction

Release Category Codes

Release Code	Release Type	Release Code	Release Type
ADF	ADVERTISING	BHI	BALD HEAD ISLAND
BHILL	BALH HEAD ISLAND LATE LIST	BEL	BELVILLE
BELLL	BELVILLE LATE LIST	BSL	BOILING SPRING LAKES
BSLLL	BOILING SPRING LAKES LATE LIST	BOL	BOLIVIA
BOLLL	BOLIVIA LATE LIST	CLF	C LIEN FEE
CAL	CALABASH	CALLL	CALABASH LATE LIST
CS	CAROLINA SHORES	CSLL	CAROLINA SHORES LATE LIST
CAS	CASWELL BEACH	CASLL	CASWELL BEACH LATE LIST
C	COUNTY	FF	FIRE FEE
HB	HOLDEN BEACH	HBLL	HOLDEN BEACH LATE LIST
INT	INTEREST	LL	LATE LIST PENALTY
LSM	LATE LIST SMITHVILLE	LEL	LELAND
LELLL	LELAND LATE LIST	LB	LONG BEACH
LBLL	LONG BEACH LATE LIST	NAV	NAVASSA
NAVLL	NAVASSA LATE LIST	NW	NORTHWEST
NWLL	NORTHWEST LATE LIST	OI	OAK ISLAND
OILL	OAK ISLAND LATE LIST	OIB	OCEAN ISLE BEACH
OIBLL	OCEAN ISLE BEACH LATE LIST	PL02	OFF PREMISES MALT

Release Category Codes

Release Code	Release Type
PL04	OFF PREMISES WINE
PL03	ON PREMISES WINE
SAD25	SAD 25
SAD28	SAD 28
SCLL	SANDY CREEK LATE LIST
SHA	SHALLOTTE
SM	SMITHVILLE HOSPITAL
SPLL	SOUTHPORT LATE LIST
SJ	ST JAMES
SB	SUNSET BEACH
T	TOTAL TAX
VARLL	VARNAMTOWN LATE LIST
YPLLL	YAUPON BEACH LAST LIST

Release Code	Release Type
PL01	ON PREMISES MALT
SAD24	SAD 24
SAD27	SAD 27
SC	SANDY CREEK
SBSD	SE BRUNSWICK SAN DIST
SHALL	SHALLOTTE LATE LIST
SP	SOUTHPORT
SAD	SPECIAL ASSESSMENT DISTRICT
SJLL	ST JAMES LATE LIST
SBLL	SUNSET BEACH LATE LIST
VAR	VARNAMTOWN
YP	YAUPON BEACH

VTS RELEASES PROCESSED AUGUST 2022

Adjustment #	Abstract #	Name-Last, First, Middle	Tag #	Year	Make	B- Val	New Value	Diff.	City	Twp.	Overide %	Overide Value	Overide Status	Acquisition Cost	Acquisition Year	Dep Sch	Exempt Type	Notes	Date	Code	Code Description
1162291	65795747	THOMPSON, CHRISTOPHER WILLIAM	KW8032	2021	CHEV	40,760	-	40,760	31				TEMP				MILITARY	HOR-NY	08/18/22	4	Military Exempt
1162555	65792745	GIBB, KATELYN ADELINE	JCZ7735	2019	RAM	26,390	13,195	13,195	20				TEMP				MILITARY	HOR- MI (PARTIAL EXEMPTION)	08/18/22	4	Military Exempt
1163444	66773703	DAN, JULIAN	CN53244	2019	WINN	22,950	-	22,950	20				PERM				MILITARY	HOR-OH ETS- 240217	08/18/22	4	Military Exempt
1163445	65639986	DAN, JULIAN	KW8050	2020	RAM	41,170	-	41,170	20				PERM				MILITARY	HOR-OH ETS- 240217	08/18/22	4	Military Exempt
1163991	65792746	GIBB, KATELYN ADELINE	JXZ7736	2018	TOYT	13,870	-	13,870	20				TEMP				MILITARY	HOR- MI	08/18/22	4	Military Exempt
1163999	65792745	GIBB, KATELYN ADELINE	JCZ7735	2019	RAM	13,195	-	13,195	20				TEMP				MILITARY	HOR-MI SPOUSE RETURNED DOC. FOR FULL EXEMPTION	08/18/22	4	Military Exempt
1165456	66674674	NIEVES, VANESSA MICHELLE	TKP1103	2022	JEEP	54,155	-	54,155	31				TEMP				MILITARY	HOR- CT	08/18/22	4	Military Exempt
1164865	66372014	SEPULVEDA-GUZMAN, WILFREDO	FHJ7814	2010	TOYT	5,710	-	5,710	31				TEMP				MILITARY	HOR-IA	08/18/22	4	Military Exempt
1166746	67911272	TUCKER, ERIC DANIEL	REF1482	1970	VOLK	500	-	500	22				TEMP				MILITARY	HOR-NH	08/18/22	4	Military Exempt
1166750	67911173	TUCKER, ERIC DANIEL	REF1481	2017	TOYT	18,080	-	18,080	22				TEMP				MILITARY	HOR-NH	08/18/22	4	Military Exempt
1167230	67312780	TORRES, CIPRIANO	CN78394	2019	A1H1	9,450	1,543	7,907				1,543						OVERVALUED TRAILER BOS 2019=$1800@5%	08/18/22	15	TEC Value Issue
1167458	62383589	WARD, BRANDON	KM4046	2021	RAM	32,140	24105	8,035	22		75	24,105	PERM					TOTAL LOSS TITLE	08/18/22	12	High Mileage/Condition
1168835	66189639	BYRUM, WILBUR LEE	CA7860	2021	CHEV	47,440	36054	11,386	31				TEMP					64,440 MILES PER NC INSPECTION	08/22/22	12	High Mileage/Condition
1169088	27004979	AYDELL, LARRY DEVONE	L0YCEA	2014	CHEV	14,894	10050	4,844				10,500						ADJ PER NADA	08/26/22	20	Appealed value
1169739	53086937	SWEDA, SUSAN JOAN	TAW8744	2013	MERC	15,116	12925	2,191	14	3		12,925						ADJ PER NADA	08/26/22	20	Appealed value
1170806	65804365	ATLANTIC TELEPHONE MEMBERSHIP	THY7536	2017	FORD	10,430	0	10,430	22				PERM				PUBLIC SERVICE		08/29/22	16	Exempt - State Assessed
1170870	66311682	AUER, KRISTEN	JFF9559	2019	LEXS	35,980	0	35,980	31				TEMP				MILITARY	HOR-SC	08/30/22	4	Military Exempt
1171408	58082801	MASON, MICHAEL DELANO JR	HLS6799	2018	VOLK	26,827	0	26,827	31				PERM				MILITARY	HOR- MS EAS-230228	08/30/22	4	Military Exempt
1171841	66205535	CONRAD, VIRGINIA CAROL	8876CF	2016	HONDA	13,730	11,533	2,197	31				TEMP					SERVICE RECEIPT 117,589 MILES	08/31/22	12	High Mileage/Condition

SEPTEMBER 2022
Fire Fee RELEASES

Release Number	Release Date	Tax Payer Name	Bill Number (Year)	Account Number	City	Parcel Number	Township	Amount Released	Value Released	Release Reason
048727	8/31/2022	NH SOIL & WATER CONSERVATION DIST	105165 (2022)	10196090		03000011		$247.50-LELF	$0.00	Exempt
048728	8/31/2022	NEW HANOVER SOIL & WATER CON DISTRI	104831 (2022)	20298000	Brunswick County	03900005		$82.50-LELF	$0.00	Exempt
048729	8/31/2022	NEW HANOVER SOIL & WATER CON DISTRI	104832 (2022)	20298000	Brunswick County	03900014		$33.00-LELF	$0.00	Exempt
048730	8/31/2022	NH SOIL & WATER CONSERVATION DIST	105166 (2022)	10196090	Brunswick County	0300001101		$165.00-LELF	$0.00	Exempt
048746	9/7/2022	Juan Escabar	75888 (2020)	70493805	Brunswick County	07500015 A		$126.56-WACF	$49,210.00	Improvement removed from property
048748	9/7/2022	Juan Escabar	74821 (2019)	70493805	Brunswick County	07500015 A		$126.56-WACF	$49,210.00	Improvement removed from property
048750	9/7/2022	Juan Escabar	73732 (2018)	70493805	Brunswick County	07500015 A		$126.56-WACF	$47,710.00	Improvement removed from property
048752	9/7/2022	MOREL GREG M ETUX MOREL BRITTNEY K	101737 (2022)	80107275	Calabash	241JE005		$200.00-CALF	$19,150.00	Structural element correction
048753	9/7/2022	NEW HANOVER SOIL & WAT CONSERV DIST	104829 (2022)	10196080	Brunswick County	03800025		$247.50-LELF	$0.00	Exempt
048754	9/7/2022	GILLIAM CARRIE LYNN	54355 (2022)	52235370	Brunswick County	231ce013		$74.25-CIVF	$0.00	Improvement removed from property
048755	9/7/2022	NEW HANOVER SOIL & WATER CON DISTRI	104830 (2022)	20298000	Brunswick County	03900002		$165.00-LELF	$0.00	Exempt

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BELLL	BELVILLE LATE LIST	BSL	BOILING SPRING LAKES
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BOLLL	BOLIVIA LATE LIST	CLF	C LIEN FEE
CAL	CALABASH	CALLL	CALABASH LATE LIST
CS	CAROLINA SHORES	CSLL	CAROLINA SHORES LATE LIST
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C	COUNTY	FF	FIRE FEE
HB	HOLDEN BEACH	HBLL	HOLDEN BEACH LATE LIST
INT	INTEREST	LL	LATE LIST PENALTY
LSM	LATE LIST SMITHVILLE	LEL	LELAND
LELLL	LELAND LATE LIST	LB	LONG BEACH
LBLL	LONG BEACH LATE LIST	NAV	NAVASSA
NAVLL	NAVASSA LATE LIST	NW	NORTHWEST
NWLL	NORTHWEST LATE LIST	OI	OAK ISLAND
OILL	OAK ISLAND LATE LIST	OIB	OCEAN ISLE BEACH
OIBLL	OCEAN ISLE BEACH LATE LIST	PL02	OFF PREMISES MALT

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SP	SOUTHPORT
SAD	SPECIAL ASSESSMENT DISTRICT
SJLL	ST JAMES LATE LIST
SBLL	SUNSET BEACH LATE LIST
VAR	VARNAMTOWN
YP	YAUPON BEACH

Brunswick County Board of Commissioners
ACTION AGENDA ITEM
September 19, 2022

Action Item # V. - 14.

From:
Brent Lockamy, PE

Utilities - EAP Shallotte WWTP Inundation Map Task Order No. 1 (Brent Lockamy, PE - Deputy Director)

Issue/Action Requested:
Request that the Board of Commissioners to authorize the Chairman and Clerk to the Board to execute the Task Order No. 1 with McGill Associates in an amount not to exceed $19,500 for engineering services associated with the On-Call Engineering Contract.

Background/Purpose of Request:
The Dam Safety Law of 1967 program requires certification and inspection of dams in the interest of public health, safety, and welfare, in order to reduce the risk of failure of dams; to prevent injuries to persons, damage to downstream property and loss of reservoir storage; and to ensure maintenance of minimum stream flows of adequate quantity and quality below dams. The owner of a dam classified by the Department of Dam Safety as a high-hazard dam, or an intermediate-hazard dam shall develop an Emergency Action Plan (EAP). The EAP shall include items such as a description of potential emergency conditions that could occur at the dam including security risks, a description of actions to be taken in response to an emergency condition at the dam, emergency notification procedures to aid in warnings and evacuations during an emergency condition at the dam, and a downstream inundation map depicting areas affected by a dam failure and sudden release of the impoundment. The law also requires annual update to the plan.

Public Utilities staff is preparing an EAP for the high hazard dams located at the Shallotte Wastewater Treatment Plant (lagoon No. 1 and No. 2 State ID number BRUNS-007 and BRUNS-009) and requires the services of an engineer to prepare the inundation map depicting areas affected by a potential dam failure.

Staff recommends the Board approve Task Order No. 1 with McGill Associates for $19,500.

Fiscal Impact:
Pre-Audit Certification Required, Reviewed By Director of Fiscal Operations
Funds available in the current budget

Approved By County Attorney:
Yes

Advisory Board Recommendation:
N/A

County Manager's Recommendation:
Recommend that the Board of Commissioners approve a budget amendment and authorize the Chairman and Clerk to the Board to execute the Task Order No. 1 with McGill Associates in an amount not to exceed $19,500 for engineering services associated with the On-Call Engineering Contract.

ATTACHMENTS:

Description

- Task Order #1
- Utilities - Professional Services Agreement - Attach 2

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TASK ORDER #1

McGill Associates, P.A.

Effective Date: September 19, 2022

Engineer: McGill Associates, P.A.

Project: Emergency Action Plan for Shallotte Wastewater Treatment Plant - Inundation Map

Engineer's Services

This Task Order, consisting of five (5) pages, is referred to in and part of the Professional Services Agreement between Owner and Engineer effective August 20, 2020, and as renewed by a First Amendment to Professional Services Agreement effective August 20, 2022.

Engineer shall provide services in accordance with the Basic and Additional Services as set forth below.

PART 1 – BASIC SERVICES

A1.01 *Modeling and Inundation Mapping Phase*

A. Engineer shall provide the following scope of services to develop the Emergency Action Plan (EAP) for the subject High Hazard dams for the Town of Shallotte Wastewater Lagoons No. 1 and 2 (Dams State IDs: BRUNS-007/009):

1. Acquire publicly available LiDAR data for use in hydrologic and hydraulic modeling.

2. Conduct a site visit to collect information about the channel downstream of the dams.

3. Develop a Hydrologic Engineering Center's HEC-RAS hydraulic model of the system to simulate the Spillway Design Flood (SDF) and sunny day breach inundation area using LiDAR data. HEC-RAS is an approved model by NC Dam Safety.

   a. Since the lagoons do not collect stormwater runoff, the SDF will consist of simulating the storage at max capacity (based on record drawings) with inflow from the pumps.

   b. The ponds will be included in the model as storage areas (SA) using the storage volume from the dams' records.

   c. Breach analysis will include combined storage in the two dams and flows from the pumps and pipes discharging into the dams.

   d. Flood inundation area downstream of the dam will be modeled as a 2D flow area.

   e. The SA/2D Area Conn option in HEC-RAS will be used to model the dams and connect he storage area with the downstream 2D inundation area. The SA/2D Area Conn option will be used to estimate the breach parameters and generate outflow hydrographs.

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4. Develop inundation maps for a sunny day breach and SDF breach conditions.

5. Identify hazards within the inundation zones and tabulate contact information of at-risk residents and businesses within the delineated inundation zones based on available data.

6. One round of responses to reasonable questions from NC Dam Safety is included in this scope. Revise and resubmit the EAP if needed.

Assumptions

The following assumptions have been made by Engineer in the preparation of this Task Order.

1. Dam elevations, normal pool, and storage volume will be obtained from the dam as-builts, QL2 LiDAR, and/or NC dam inventory data. No topographic/hydrographic survey will be performed.
2. The inflows to the dams will be obtained from available as-builts or historical data provided by the County.
3. The scope of services does not include preparing the EAP document. Only inundation maps and supporting documentation (Appendix G of EAP) will be provided to the County.
4. Reasonable response time by NC Dam Safety regarding the inquiry about the current EAP and required procedures for the update.
5. No in-person meetings with regulatory agencies are included.
6. The fees noted below are for the specific tasks detailed in this proposal. Additional services may be added by mutual agreement and in accordance with the attached Standard Hourly Rate schedule.

Owner's Responsibilities

1. The Owner shall provide all data available on the dam.
2. The Owner shall examine documents submitted by Engineer and shall render timely comment to avoid unreasonable delay in the progress of Engineer's work.
3. The County is responsible for preparing the EAP document and submitting it to NC Dam Safety.

Schedule

Based on our understanding of the project scope, Engineer anticipates the scope of services above be completed in three (3) months from Notice to Proceed. Some of the above tasks rely on coordination with Dam Safety and receipt of record data from the County outside the control of Engineer. Therefore, the schedule is based on experience and may vary depending on actual response time.

PART 2 – ADDITIONAL SERVICES

A2.01 Additional Services Requiring Owner's Written Authorization

A. If authorized in writing by Owner, Engineer shall furnish or obtain from others Additional Services of the types listed below.

   1. Not Applicable at this time.

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Payments to Engineer for Services
Basic Services - Lump Sum

The Professional Services Agreement, as amended, is supplemented to include the following agreement of the parties.

Compensation for Basic Services - Method of Payment

B. Owner shall pay Engineer for Basic Services as follows:

1. A Lump Sum amount based on the following estimated distribution of compensation:

	Amount	Duration
a. Modeling and Inundation Mapping	$19,500.00	90 days
Basic Services Total	**$19,500.00**	**90 days**

2. Engineer may alter the distribution of compensation between individual phases, if applicable, noted herein to be consistent with services actually rendered but shall not exceed the total Lump Sum amount unless approved in writing by the Owner.

3. The Lump Sum includes compensation for Engineer's services and services of Engineer's Consultants, if any. Appropriate amounts have been incorporated in the Lump Sum to account for labor, overhead, profit, and Reimbursable Expenses.

4. The portion of the Lump Sum amount billed for Engineer's services will be based upon Engineer's estimate of the percentage of the total services actually completed during the billing period.

5. The date for project completion shall be determined by adding the above noted Total Duration, also known as the "Time of Completion" to the date of the Notice to Proceed issued by Brunswick County.

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This Task Order, together with any amendments or modifications, may be executed in one or more counterparts, each of which shall be deemed an original and all of which shall be considered one and the same. This Task Order may also be executed electronically. By signing electronically, the parties indicate their intent to comply with the Electronic Commerce in Government Act (N.C.G.S § 66-58.1 et seq.) and the Uniform Electronic Transactions Act (N.C.G.S § 66-311 et seq.). Delivery of an executed counterpart of this Task Order by either electronic means or by facsimile shall be as effective as a manually executed counterpart.

ATTEST:

_____
Clerk to the Board

BRUNSWICK COUNTY

By: _____
Chairman, Board of Commissioners

[SEAL]

MCGILL ASSOCIATES, P.A.

By: Michael Norton

Printed Name: Michael A. Norton

Title: Principal/Shallotte Office Manager

Date: 9/16/2022

"This instrument has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act."

_____
Aaron C. Smith, Director of Fiscal Operations
Brunswick County, North Carolina

APPROVED AS TO FORM

_____
Robert V. Shaver, Jr., County Attorney /
Bryan W. Batton, Assistant County Attorney

DocuSign Envelope ID: BA07A8A3-5229-48FB-9089-78EDE9F4D27E

STANDARD HOURLY RATE AND FEE SCHEDULE

January 2022

PROFESSIONAL FEES	I	II	III	IV
Senior Principal	$255			
Principal – Regional Manager – Director	$210	$220	$235	$245
Practice Area Lead	$180	$200	$215	$225
Senior Project Manager	$190	$210	$215	$220
Project Manager	$165	$180	$185	$190
Project Engineer	$130	$140	$150	$160
Engineering Associate	$110	$115	$120	$125
Planner- Consultant – Designer	$110	$125	$145	$160
Engineering Technician	$100	$115	$125	$135
CAD Operator – GIS Analyst	$85	$90	$100	$105
Construction Services Manager	$140	$155	$165	$180
Construction Administrator	$105	$120	$130	$135
Financial Services Manager	$135	$145	$155	$165
Grant Administrator	$115	$130	$145	$155
Construction Field Representative	$90	$100	$105	$110
Environmental Specialist	$90	$100	$105	$110
Surveyor	$95	$110	$120	$125
Surveying Associate	$75	$80	$85	$90
Survey Technician	$80	$85	$90	$95
Survey Field Technician	$70	$75	$80	$85
Administrative Assistant	$75	$80	$90	$100

1. **EXPENSES**
   a. Mileage - $0.65/mile
   b. Robotics/GPS Equipment - $25/hr.
   c. Survey Drone - $100/hr.
   d. Telephone, reproduction, postage, lodging, and other incidentals shall be a direct charge per receipt.

2. **ASSOCIATED SERVICES -**
   a. Associated services required by the project such as soil analysis, materials testing, etc., shall be at cost plus ten (10) percent.

Revised January 2022

DocuSign Envelope ID: 9BC5EF4D-4C7B-4B72-AD64-05ADEE829B4C

FIRST AMENDMENT TO PROFESSIONAL SERVICES AGREEMENT

This First Amendment to Professional Services Agreement (the "First Amendment") is made and entered into the 16th day of May, 2022, by and between Brunswick County (hereinafter referred to as "County" or "Owner") and McGill Associates, P.A. (hereinafter referred to as "Engineer" or "Provider").

WITNESSETH:

WHEREAS, County and Engineer entered into a Professional Services Agreement (the "Agreement") effective August 20, 2020; and

WHEREAS, under the Agreement, County may assign Task Orders for specific on-call engineering services on an as-needed basis; and

WHEREAS, the initial term of the Agreement was two (2) years, with the option to renew for a successive two (2) year term upon mutual written agreement of the parties; and

WHEREAS, the parties mutually desire to renew the Agreement and amend or clarify certain provisions pursuant to the terms and conditions contained herein.

NOW, THEREFORE, in consideration of the mutual covenants and agreements as set forth herein, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

1. The term of the Agreement is hereby renewed for one (1) successive two (2) year term until August 19, 2024.

2. Section 2 of the Agreement is hereby amended to clarify that the term may be further extended to coincide with the duration of any outstanding Task Order *provided that* the Task Order was assigned, and services under the Task Order are ongoing, prior to the expiration date set forth above. Once Services under an ongoing Task Order are complete or the Task Order expires, whichever occurs first, the Agreement extension shall automatically expire of even date therewith. The Agreement may not be renewed or extended further.

3. Section 5 of the Agreement is hereby amended to clarify that the not-to-exceed amount for Services for Task Orders assigned under the Agreement is also renewed for One Hundred Fifty Thousand and no/100 Dollars ($150,000.00) for the renewal term.

4. All capitalized terms not defined herein shall have the meaning ascribed to them in the Agreement.

5. Except as otherwise amended herein, all other terms of the Agreement shall remain in full force and effect.

6. This First Amendment, together with any amendments or modifications, may be executed in one or more counterparts, each of which shall be deemed an original and all of which shall be considered one and the same. This First Amendment may also be executed electronically. By signing electronically, the parties indicate their intent to comply with the Electronic Commerce in Government Act (N.C.G.S § 66-58.1 et seq.) and the Uniform Electronic Transactions Act (N.C.G.S § 66-311 et seq.). Delivery of an executed counterpart of this First Amendment by either electronic means or by facsimile shall be as effective as a manually executed counterpart.

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IN WITNESS WHEREOF, the parties hereto execute this First Amendment by their duly authorized representatives.

ATTEST:

Daralyn Spivey
Clerk to the Board

BRUNSWICK COUNTY

By: Randy Lyn
Chairman, Board of Commissioners

[SEAL]

MCGILL ASSOCIATES, P.A.

By: Michael Norton

Printed Name: Michael Norton

Title: Principal/Shallotte Office Manager

Date: 5/11/2022

"This instrument has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act."

Aaron C. Smith
Aaron C. Smith, Director of Fiscal Operations
Brunswick County, North Carolina

APPROVED AS TO FORM

Bryan W. Batton
Robert V. Shaver, Jr., County Attorney /
Bryan W. Batton, Assistant County Attorney

Brunswick County Board of Commissioners
ACTION AGENDA ITEM
September 19, 2022

Action Item # V. - 15.

From:
John Nichols, P.E.

Utilities - Vermeer Directional Drill Purchase Request (John Nichols, PE - Director of Public Utilities)

Issue/Action Requested:
Request that the Board of Commissioners approve the purchase of a Directional Drill machine from Vermeer All Roads for $152,778.40 as an exception to the bidding requirements in accordance with NCGS 143-129(e)(3).

Background/Purpose of Request:
Brunswick County Public Utilities installs long-side water and sewer taps daily using a Ditch Witch Horizontal Directional Drill Machine. This machine was purchased in 2013 and has logged over 1,000 hours. Its reliability is questionable, and it endures frequent mechanical failures as it continues to age.

In accordance with NCGS 143-129(e)(3) bidding exceptions may be granted to the local government for direct purchase when said purchase is made through a competitive bidding group purchase program. The program must offer competitively obtained purchasing services to at least two public agencies. Vermeer All Roads is an authorized vendor with Sourcewell.

Staff recommends approval of the purchase of the Vermeer Direction Drill Machine to supplement and replace the existing Directional Drill Machine and approval of the bidding exception in accordance with NCGS 143-129 (e) 3.

Fiscal Impact:
Pre-Audit Certification Required, Reviewed By Director of Fiscal Operations
Funds available in the current budget

Approved By County Attorney:
Yes

Advisory Board Recommendation:
N/A

County Manager's Recommendation:
Recommend that the Board of Commissioners approve the purchase of a Directional Drill machine from Vermeer All Roads for $152,778.40 as an exception to the bidding requirements in accordance with NCGS 143-129(e)(3).

ATTACHMENTS:

Description

- Utilities - Allroads Quote - Attach 1
- Utilities - Sourcewell ID - Attach 2
- Supplier Agreement

Vermeer All Roads | EQUIPPED TO DO MORE.

Quote

9/6/2022

Sourcewell Formerly NJPA
Awarded Contract
Contract # 110421-VRM

Address	3501 Jones Sausage Road Garner, NC 27529 US	Reference Number	R-00014116
		Expiration Date	10/28/2022
Prepared By	Matt Sharpe	Contact Name	Trent Murphy
Phone	(919) 302-4455	Phone	910-253-2636
Email	matt.sharpe@vermeerallroads.com	Email	trent.murphy@brunswickcountync.gov

Product Name	Product Details	Quantity	Sales Price	Total Price
Vermeer D8x12	6VP, Kohler Diesel, 1.66" Rods, 9 GPM Pump, Agressive Stakedowns, Premium drill head, Telematics List price: $121,294	1.00	$106,738.72	$106,738.72
Vermeer MX125	Gas engine, 3" trash pump, Hopper/venturi, Roll jet system, 2 inch x 50 foot supply hose, 500 GAL Tank (narrow) List Price: $14,461	1.00	$12,725.68	$12,725.68
Digital Control F2 Package	F2 Falcon Reciever, AF8 Remote Display, FT2 Transmitter, Carrying Case, Batter Charger, Antennas	1.00	$22,284.00	$22,284.00
LUCON 7T182BW	14000LBS GVWR. 18' Wood Deck, 30X20 Folding Ramps, Pintle Hitch	1.00	$11,030.00	$11,030.00

Estimated price increase on the D8x12 and MX125 of 4% after January 1st, 2023.

Sourcewell contract 12% discount applied to applicable units (D8x12 and MX125)

Quote does not include any applicable sales tax.

Subtotal	$152,778.40
Total Price	$152,778.40
Grand Total	$152,778.40

Signature: _____

https://www.sourcewell-mn.gov/cooperative-purchasing/110421-vrm#tab-contract-documents

Vermeer

Public Utility Equipment

#110421-VRM

Maturity Date: 12/27/2025

Sourcewell Awarded Contract

Products & Services | Buy Sourcewell | Documents | Contact Information

Documents

Contract Documentation

- Contract

Competitive Solicitation Documentation

- Request for Proposal (RFP)
- Proof of Publication
- Proposal Opening Record
- Proposal Evaluation
- Comment & Review
- Board Resolutions

Pricing Documentation

Information in this file is subject to change

- Contract 110421-VRM - Price information

Buy Sourcewell

Login to unlock more contract features.

Username

Username

Password

Password

Log In

Forgot username or password?

Register

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NORTH CAROLINA

SUPPLIER AGREEMENT

BRUNSWICK COUNTY

THIS SUPPLIER AGREEMENT (hereinafter referred to as the "Agreement") is made and entered into by and between Brunswick County, a body politic and corporate of the State of North Carolina, (hereinafter referred to as "County"), party of the first part, and Vermeer Mid Atlantic, LLC d/b/a Vermeer All Roads, (hereinafter referred to as "Supplier"), party of the second part.

WITNESSETH:

1. GOODS; PRICING

The goods to be purchased under this Agreement (hereinafter referred to collectively as "Goods") and the agreed upon price(s) for said Goods are set forth on the Quote attached hereto as Exhibit "A" and incorporated herein by reference. Discount pricing for the Goods is extended to County pursuant to Sourcewell Contract #110421-VRM, as more fully set forth on the Quote.

Any exhibits or attachments referenced herein are hereby incorporated by reference and made a part of this Agreement. Any conflict between the language in an exhibit or attachment and the main body of this Agreement shall be resolved in favor of the main body of this Agreement.

2. TERM OF AGREEMENT AND TERMINATION

The term of this Agreement begins on 09/19/2022 (the "Effective Date") and continues in effect until 01/31/2023, unless sooner terminated as provided herein. The County may terminate this Agreement at any time without cause by giving sixty (60) days' written notice to the Supplier. As soon as practicable after receipt of a written notice of termination without cause, Supplier shall submit a statement to the County showing in detail any Goods purchased under this Agreement for which payment has not been made through the effective date of termination. Notwithstanding the foregoing, County may terminate this Agreement immediately and without notice to Supplier if Supplier becomes insolvent, makes or has made an assignment for the benefit of creditors, is the subject of proceedings in voluntary or involuntary bankruptcy instituted on behalf of or against Supplier, or has a receiver or trustee appointed for substantially all of its property, or if Supplier allows any final judgment to stand against it unsatisfied for a period of forty-eight (48) hours.

3. NONAPPROPRIATION

If the Board of County Commissioners does not appropriate the funding needed by the County to make payments under this Agreement for a given fiscal year, the County will not be obligated to pay amounts due beyond the end of the last fiscal year for which funds were appropriated. In such event, the County will promptly notify the Supplier of the non-appropriation and this Agreement will be terminated at the end of the last fiscal year for which funds were

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appropriated. No act or omission by the County which is attributable to non-appropriation of funds shall constitute a breach of or default under this Agreement.

4. COMPENSATION

(1) **TOTAL CHARGES.** The County agrees to pay the price(s) for the Goods specified in the Price List or other document set forth on Exhibit "A" or as set out above. These prices constitute the maximum total charges payable to the Supplier for the Goods, and such prices shall not be increased except as permitted herein.

(2) **PRICE PROTECTION.** Supplier warrants that the prices extended to the County under this Agreement are comparable to or better than those being offered to any other customer purchasing similar quantities of the same or similar Goods. During the term of this Agreement, if Supplier enters into a contract with another entity that provides more favorable pricing and terms than this Agreement, then County shall be promptly notified of such changes to the pricing, and Supplier shall be obligated to provide the same to County for subsequent purchases. During the term of this Agreement, if lower prices and rates become effective for like quantities of the Goods through a reduction in list prices, promotional discounts or other circumstances, then County shall be promptly notified of such changes in pricing, and County must be given immediate benefit of such lower prices and rates.

(3) **PRICE ADJUSTMENTS**. The price(s) stated herein shall not increase for the initial term of this Agreement. Supplier shall provide County with at least one hundred eighty (180) days' prior written notice for any price increase. If County agrees to the price increase, such changes will become effective the first day of the new applicable term and will be reflected on a new Price List or other document provided by Supplier and which will replace the existing Price List or other document attached hereto as Exhibit "A."

Price increases shall only be allowed when justified by County in its sole discretion based on legitimate, bona fide increases in the cost of providing the Goods covered under this Agreement. No adjustment shall be made to compensate Supplier for inefficiency in operation, increase in labor costs or for additional profit.

(4) **INVOICES.** Unless otherwise specified, Supplier shall submit monthly invoices to the County and include a complete list all Goods purchased under the terms of this Agreement. Invoices shall only be submitted after Acceptance of the Goods as set forth herein. The County shall pay all undisputed and properly completed invoices within thirty (30) days of receipt. Notwithstanding the foregoing, the County will not pay late fees on any charges under this Agreement. If the County disputes any portion of the charges on any invoice received from the Supplier, the County shall inform the Supplier in writing of the disputed charges. Once the dispute has been resolved, the Supplier shall re-invoice the County for the previously disputed charges, and, per any resolution between the County and the Supplier, the County shall pay those charges in full at that

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time. No advance payment shall be made for any Goods supplied by Supplier pursuant to this Agreement.

(5) **PURCHASING VOLUME.** Supplier hereby acknowledges that this Agreement does not guarantee that any minimum or maximum purchases will be made. Orders will only be placed when County identifies a need.

5. ACCEPTANCE OF GOODS

The Goods delivered under this Agreement shall remain the property of Supplier until acceptance by County. Acceptance of Goods shall occur within fifteen (15) days after receipt by County unless:

(1) The County has notified Supplier of a defect within such time period. In the event any Goods are defective, County shall be entitled to terminate the order for such Goods upon written notice to Supplier and return such Goods to Supplier at Supplier's expense.

(2) The parties have agreed to provide County with a trial use period for acceptance verification or testing, in which case acceptance of the Goods shall occur upon the successful completion of the acceptance verification or testing period and any agreed upon trial use period.

6. INDEPENDENT CONTRACTOR

Both County and Supplier agree that Supplier shall act as an independent contractor and shall not represent itself as an agent or employee of the County for any purpose in the performance of its duties under this Agreement. Accordingly, Supplier shall be responsible for payment of all federal, state and local taxes arising out of its activities in accordance with this Agreement, including by way of illustration but not limitation, federal and state income tax, social security tax, unemployment insurance taxes, and any other taxes or business license fees as required. Supplier shall not be entitled to participate in any plans, arrangements or distributions by the County pertaining to or in connection with any pension, stock, bonus, profit sharing or other benefit extended to County employees.

In the event the Internal Revenue Service should determine that Provider is, according to Internal Revenue Service guidelines, an employee subject to withholding and social security contributions, then Provider hereby acknowledges that all payments hereunder are gross payments, and the Provider is responsible for all income taxes and social security payments thereon.

7. SUPPLIER REPRESENTATIONS

(1) Supplier is a duly organized entity or corporation qualified to do business and in good standing under the laws of the State of North Carolina;

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(2) Supplier has all requisite corporate power and authority to execute, deliver and perform its obligations under this Agreement;

(3) No approval, authorization or consent of any governmental or regulatory authority is required to be obtained or made by it in order for Supplier to enter into and perform its obligations under this Agreement;

(4) In connection with the Supplier's obligations under this Agreement, it shall comply with all applicable federal, state and local laws and regulations and shall obtain all applicable permits and licenses;

(5) Supplier shall not violate any agreement with any third party by entering into or providing the Goods under this Agreement;

(6) Supplier will provide all Goods in conformity with the specifications and requirements of this Agreement;

(7) Supplier will provide all Goods free and clear of all liens and encumbrances;

(8) The Goods provided by the Supplier under this Agreement will not violate, infringe or misappropriate any patent, copyright, trademark or trade secret rights of any third party, or any other third-party rights (including without limitation non-compete agreements); and

(9) Supplier shall ensure that whenever its employees or agents are on County property, they will strictly abide by all instructions and directions issued by the County with respect to rules, regulations, policies and security procedures applicable to work on the County's premises. Such rules, regulations, policies and security procedures shall include, but not be limited to: (i) not possessing any controlled substances; (ii) smoking only in designated smoking areas, if any; and (iii) not possessing weapons, except for weapons possessed by law enforcement officials.

8. WARRANTIES

(1) **SPECIFIC WARRANTIES.** In addition to any other warranties set forth herein, Supplier shall represent, warrant and covenant the specific warranties for the Goods attached hereto and incorporated herein.

(2) **ASSIGNMENT OF WARRANTIES FOR THIRD PARTY PRODUCTS.** Without limiting Supplier's obligation to provide warranty or maintenance services, Supplier hereby assigns to County all of Supplier's warranties covering any third-party product delivered under this Agreement. Supplier will provide copies of all said warranties to County upon delivery of the covered Goods.

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9. DAMAGE TO EQUIPMENT, FACILITIES, PROPERTY OR DATA

Supplier shall be solely responsible for any damage to or loss of the County's equipment, facilities, property and/or data rising out of the negligent or willful act or omission of Supplier. In the event that Supplier causes damage to the County's equipment or facilities, the Supplier shall, at its own expense, promptly repair or replace such damaged items to restore them to the same level of functionality that they possessed prior to such damage.

10. NON-ENDORSEMENT AND PUBLICITY

County is not endorsing Supplier or the Goods supplied under this Agreement, and Supplier is not permitted to reference this Agreement or County in any manner without the prior written consent of County. Notwithstanding the foregoing, the parties agree that Supplier may list the County as a reference in response to requests for proposals and may identify County as a customer in presentations to potential customers.

11. NON-EXCLUSIVITY

Supplier acknowledges that County is not obligated to contract solely with Supplier for the Goods covered under this Agreement.

12. DIVESTMENT FROM COMPANIES THAT BOYCOTT ISRAEL

Supplier hereby certifies that it has not been designated by the North Carolina State Treasurer as a company engaged in the boycott of Israel pursuant to N.C.G.S. § 147-86.81.

13. DEBARMENT

Supplier hereby certifies that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in this Agreement by any governmental department or agency. Supplier must notify County within thirty (30) days if debarred by any governmental entity during this Agreement.

14. INDEMNIFICATION

Supplier shall defend, indemnify and hold harmless County, its officers, officials, agents and employees from and against all actions, liability, claims, suits, damages, costs or expenses of any kind which may be brought or made against County or which County must pay and incur arising out of or relating to any and all claims, liens, demands, obligations, actions, proceedings or causes of action of every kind in connection with or arising out of this Agreement and/or the performance hereof that are due in part or in the entirety of Supplier, its employees or agents. Supplier further agrees to investigate, handle, respond to, defend and dispose of same at its sole cost and expense. Supplier shall be fully responsible to County for the acts and omissions of its subcontractors and of persons either directly or indirectly employed by it. This Section shall survive any expiration or termination of this Agreement.

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15. INSURANCE

Supplier shall procure and maintain in full force and effect at all times and at its sole cost and expense Commercial General Liability, Commercial Automobile Liability, Professional Liability and Workers' Compensation insurance, if applicable, and any additional insurance as may be required by County with limits acceptable to County. All insurance policies (with the exception of Workers' Compensation, if applicable, and Professional Liability) shall be endorsed, specifically or generally, to include County as an additional insured and as a certificate holder. Supplier shall furnish a Certificate of Insurance from a licensed insurance agent in North Carolina with a rating of A-VII or better by A.M. Best verifying the existence of any insurance coverage required by County. The Certificate will provide for thirty (30) days' advance notice in the event of termination or cancellation of coverage. Supplier shall have no right of recovery or subrogation against County (including its officers, agents and employees), it being the intention of the parties that the insurance policies so affected shall protect both parties and be primary coverage for any and all losses covered by the aforementioned insurance.

16. WORKERS' COMPENSATION

To the extent required by law, Supplier shall comply with the North Carolina Workers' Compensation Act and shall provide for the payment of workers' compensation to its employees in the manner and to the extent required by such Act. In the event Supplier is excluded from the requirements of such Act and does not voluntarily carry workers' compensation coverage, Supplier shall carry or cause its employees to carry adequate medical/accident insurance to cover any injuries sustained by its employees or agents while fulfilling Supplier's obligations under this Agreement.

Supplier agrees to furnish County proof of compliance with said Act or adequate medical/ accident insurance coverage upon request.

17. REMEDIES

(1) **RIGHT TO COVER.** If Supplier fails to provide any Goods for any reason, due to no fault of County, the County may employ such means as it may deem advisable and appropriate to obtain the Goods from a third party until the matter is resolved and Supplier is again able to provide the respective Goods under this Agreement.

(2) **RIGHT TO WITHHOLD PAYMENT.** County reserves the right to withhold any portion, or all, of a scheduled payment if Supplier fails to perform under this Agreement until such breach has been fully cured.

(3) **SETOFF.** Each party shall be entitled to set off and deduct from any amounts owed to the other party pursuant to this Agreement all damages and expenses incurred or reasonably anticipated as a result of the other party's breach of this Agreement.

(4) **OTHER REMEDIES.** Upon breach of this Agreement, each party may seek all legal and equitable remedies to which it is entitled. The remedies set forth herein shall be

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deemed cumulative and not exclusive and may be exercised successively or concurrently, in addition to any other available remedy.

(5) **NO SUSPENSION.** In the event that County disputes in good faith an allegation of breach by Supplier, notwithstanding anything to the contrary in this Agreement, Supplier agrees that it will not terminate this Agreement or suspend or limit the supply of any Goods or warranties on such Goods, unless: (i) the parties agree in writing; or (ii) an order of a court of competent jurisdiction determines otherwise; provided, however, this dispute period shall be limited to ninety (90) days.

18. TAXES

Supplier shall be responsible for paying all taxes, fees, assessments and premiums of any kind payable on its employees and operations. Supplier shall substantiate, on demand by the County, that all taxes and other charges are being properly paid.

19. HEALTH AND SAFETY

Supplier shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the supply of Goods. Supplier shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to all employees in connection with the supply of Goods.

20. NON-DISCRIMINATION IN EMPLOYMENT

Supplier shall not discriminate against any employee or applicant for employment because of race, ethnicity, gender, gender identity, sexual orientation, age, religion, national origin, disability, color, ancestry, citizenship, genetic information, political affiliation or military/veteran status, or any other status protected by federal, state or local law or other unlawful form of discrimination. Supplier shall take affirmative action to ensure that applicants are employed and that employees are treated fairly during employment. In the event Supplier is determined by the final order of an appropriate agency or court to be in violation of any non-discrimination provision of federal, state or local law or this provision, this Agreement may be cancelled, terminated or suspended in whole or in part by County, and Supplier may be declared ineligible for further County agreements.

21. COMPLIANCE WITH E-VERIFY PROGRAM

Pursuant to N.C.G.S. § 143-133.3, Supplier understands that it is a requirement of this Agreement that Supplier and its subcontractors must comply with the provisions of Article 2 of Chapter 64 of the North Carolina General Statutes. In doing so, Supplier agrees that, unless it is exempt by law, it shall verify the work authorization of its employees utilizing the federal E-Verify program and standards as promulgated and operated by the United States Department of Homeland Security, and Supplier shall require its subcontractors to do the same. Upon request, Supplier agrees to provide County with an affidavit of compliance or exemption.

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22. CONFIDENTIAL INFORMATION

For purposes of this Agreement, the party disclosing Confidential Information is the "Discloser," and the party receiving Confidential Information is the "Recipient." "Confidential Information" shall mean any nonpublic information concerning the parties' respective businesses including, but not limited to, all tangible, intangible, visual, electronic, present or future information such as: (a) trade secrets; (b) financial information, including pricing; (c) technical information, including research, development, procedures, algorithms, data, designs and know-how; (d) business information, including operations, planning, marketing interests and products; and (e) the terms of any agreement between the parties and the discussions, negotiations and proposals related thereto. Confidential Information disclosed to the other party must be clearly identified. Written Confidential Information must be clearly marked in a conspicuous place with an appropriate legend identifying the information as "Confidential." Confidential Information that is not written must be identified as confidential at the time of disclosure and confirmed in writing delivered to Recipient within fifteen (15) days of disclosure.

The restrictions regarding the use and disclosure of Confidential Information do not apply to information that is:

a. in the public domain through no fault of the Recipient;

b. within the legitimate possession of the Recipient, with no confidentiality obligations to a third party;

c. lawfully received from a third party having rights in the information without restriction, and without notice of any restriction against its further disclosure;

d. independently developed by the Recipient without breaching this Agreement or by parties who have not had, either directly or indirectly, access to or knowledge of the Confidential Information;

e. disclosed with the prior written consent of the Discloser; or

f. required to be disclosed by law, regulation or court or governmental order, specifically including requests pursuant to the Public Records Laws of North Carolina contained in Chapter 132 of the North Carolina General Statutes. In the event Recipient receives such a request, it shall notify Discloser and Discloser shall have the opportunity to defend against production of such records at Discloser's sole expense.

23. NO ASSIGNMENT WITHOUT CONSENT

Neither party shall assign this Agreement (or assign any right or delegate any obligation contained herein whether such assignment is of payment or otherwise) without the prior written consent of the other party hereto. Any such assignment without the prior written consent of the other party hereto shall be void. An assignee shall acquire no rights, and County shall not recognize any assignment in violation of this provision.

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24. GOVERNING LAW AND VENUE

This Agreement shall be governed by applicable federal law and by the laws of the State of North Carolina without regard for its choice of law provisions. All actions relating in any way to this Agreement shall be brought in the General Court of Justice of the State of North Carolina in Brunswick County or in the Federal District Court for the Eastern District of North Carolina, Wilmington division.

25. DISPUTE RESOLUTION

Should a dispute arise as to the terms of this Agreement, both parties agree that neither may initiate binding arbitration. The parties may agree to non-binding mediation of any dispute prior to the bringing of any suit or action.

26. GOVERNMENTAL IMMUNITY

County, to the extent applicable, does not waive its governmental immunity by entering into this Agreement and fully retains all immunities and defenses provided by law with regard to any action based on this Agreement.

27. NON-WAIVER

Failure by County at any time to require the performance by Supplier of any of the provisions of this Agreement shall in no way affect County's right hereunder to enforce the same, nor shall any waiver by County of any breach be held to be a waiver of any succeeding breach or a waiver of this Section.

28. ENTIRE AGREEMENT

This Agreement constitutes the entire agreement between the parties with respect to the subject matter herein. There are no other representations, understandings or agreements between the parties with respect to such subject matter. This Agreement supersedes all prior agreements, negotiations, representations and proposals, written or oral.

29. HEADINGS

The headings in this Agreement are for convenience of reference only and shall not define or limit any of the terms or provisions hereof.

30. SEVERABILITY

The invalidity of one or more of the phrases, sentences, clauses or sections contained in this Agreement shall not affect the validity of the remaining portion of the Agreement so long as the material purposes of this Agreement can be determined and effectuated. If a provision of this Agreement is held to be unenforceable, then both parties shall be relieved of all obligations arising under such provision, but only to the extent that such provision is unenforceable, and this

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Agreement shall be deemed amended by modifying such provision to the extent necessary to make it enforceable while preserving its intent.

31. AMENDMENTS

No amendments or changes to this Agreement, or additional Statements of Work, shall be valid unless in writing and signed by authorized agents of both Supplier and County.

32. NOTICES

(1) **DELIVERY OF NOTICES.** Any notice, consent or other communication required or contemplated by this Agreement shall be in writing, and shall be delivered in person, by U.S. mail, by overnight courier, by electronic mail or by facsimile to the intended recipient at the address set forth below.

(2) **EFFECTIVE DATE OF NOTICES.** Any notice shall be effective upon the date of receipt by the intended recipient; provided that any notice which is sent by facsimile or electronic mail shall also be simultaneously sent by mail deposited with the U.S. Postal Service or by overnight courier.

(3) **NOTICE ADDRESS.** Communications that relate to any breach, default, termination, delay in performance, prevention of performance, modification, extension, amendment or waiver of any provision of this Agreement shall be sent to:

i. For the County:
Brunswick County Manager
P.O. Box 249
Bolivia, NC 28422
Fax: 910-253-2022

ii. For the Supplier:
Vermeer Mid Atlantic, LLC
d/b/a Vermeer All Roads
3501 Jones Sausage Road
Garner, NC 27529

With a copy to:
Corporation Service Company, Registered Agent
2626 Glenwood Avenue, Suite 550
Raleigh, NC 27608

33. SIGNATURES

This Agreement, together with any amendments or modifications, may be executed in one or more counterparts, each of which shall be deemed an original and all of which shall be considered one and the same agreement. This Agreement may also be executed electronically. By

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signing electronically, the parties indicate their intent to comply with the Electronic Commerce in Government Act (N.C.G.S § 66-58.1 et seq.) and the Uniform Electronic Transactions Act (N.C.G.S § 66-311 et seq.). Delivery of an executed counterpart of this Agreement by either electronic means or by facsimile shall be as effective as a manually executed counterpart.

ATTEST:

BRUNSWICK COUNTY

_____
Clerk to the Board

By: _____
Chairman, Board of Commissioners

[SEAL]

VERMEER MID ATLANTIC, LLC
D/B/A VERMEER ALL ROADS

By: Matt Sharpe

Printed Name: Matt Sharpe

Title: Territory Manager

Date: 9/14/2022

"This instrument has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act."

_____
Aaron C. Smith, Director of Fiscal Operations
Brunswick County, North Carolina

APPROVED AS TO FORM

_____
Robert V. Shaver, Jr., County Attorney /
Bryan W. Batton, Assistant County Attorney

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EXHIBIT "A"

Vermeer All Roads | EQUIPPED TO DO MORE.

Quote

9/6/2022

Sourcewell Formerly NJPA
Awarded Contract
Contract # 110421-VRM

Address	3501 Jones Sausage Road Garner, NC 27529 US	Reference Number	R-00014116
		Expiration Date	10/28/2022
Prepared By	Matt Sharpe	Contact Name	Trent Murphy
Phone	(919) 302-4455	Phone	910-253-2636
Email	matt.sharpe@vermeerallroads.com	Email	trent.murphy@brunswickcountync.gov

Product Name	Product Details	Quantity	Sales Price	Total Price
Vermeer D8x12	6VP, Kohler Diesel, 1.66" Rods, 9 GPM Pump, Agressive Stakedowns, Premium drill head, Telematics List price: $121,294	1.00	$106,738.72	$106,738.72
Vermeer MX125	Gas engine, 3" trash pump, Hopper/venturi, Roll jet system, 2 inch x 50 foot supply hose, 500 GAL Tank (narrow) List Price: $14,461	1.00	$12,725.68	$12,725.68
Digital Control F2 Package	F2 Falcon Reciever, AF8 Remote Display, FT2 Transmitter, Carrying Case, Batter Charger, Antennas	1.00	$22,284.00	$22,284.00
LUCON 7T182BW	14000LBS GVWR. 18' Wood Deck, 30X20 Folding Ramps, Pintle Hitch	1.00	$11,030.00	$11,030.00

Estimated price increase on the D8x12 and MX125 of 4% after January 1st, 2023.

Sourcewell contract 12% discount applied to applicable units (D8x12 and MX125)

Quote does not include any applicable sales tax.

Subtotal	$152,778.40
Total Price	$152,778.40
Grand Total	$152,778.40

Signature: _____

Brunswick County Board of Commissioners
ACTION AGENDA ITEM
September 19, 2022

Action Item # VI. - 1.
Governing Board - Resolution - Constitution Week

From:
Daralyn Spivey

Issue/Action Requested:
Request the Board approve the attached Resolution honoring Constitution Week as September 17-23, 2022

Background/Purpose of Request:
2022 marks the 235th anniversary of the signing of the Constitution and is proper to accord official recognition of this document

Fiscal Impact:
Reviewed By Director of Fiscal Operations

Approved By County Attorney:
Yes

County Manager's Recommendation:
Recommend that the Board consider approval of the attached Resolution honoring Constitution Week as September 17-23, 2022

ATTACHMENTS:

Description

- 2022 -09-19 Constitution Week Resolution

County of Brunswick

Office of the County Commissioners

RESOLUTION OF THE BRUNSWICK COUNTY BOARD OF COMMISSIONERS PROCLAMING SEPTEMBER 17-23, 2022 AS CONSTITUTION WEEK IN BRUNSWICK COUNTY

WHEREAS: The Constitution of the United States is one of America's Charters of Freedom; and

WHEREAS: The Constitution establishes our form of limited government and protects our rights and freedoms; and

WHEREAS: September 17, 2022, designated as Constitution Day, commemorates the two hundred and thirty-fifth anniversary of the signing of the Constitution of the United States of America; and

WHEREAS: Public Law 915 guarantees the issuing of a proclamation each year by the President of the United States of America designating September 17 through 23 as Constitution Week; and

WHEREAS: It is fitting and proper to accord official recognition to this historic document and to reflect upon the form of government it established;

NOW, THEREFORE BE IT RESOLVED that the Brunswick County Board of Commissioners does hereby proclaim the week of September 17 through 23 as Constitution Week and urges all citizens to read and study the U.S. Constitution and reflect on the privilege of being an American with all the rights and responsibilities which that privilege involves.

Adopted this, the 19th day of September, 2022

_____

Randy Thompson, Chairman
Brunswick County Commissioners

ATTEST:

_____

Daralyn Spivey, NCCCC
Clerk to the Board

Brunswick County Board of Commissioners
ACTION AGENDA ITEM
September 19, 2022

Action Item # VI. - 2.

From:
Cris Harrelson, Health Services Director

Health and Human Services - Health Services – Brunswick County Substance Use & Addiction Commission

Issue/Action Requested:
Request that members of the Brunswick County Substance Use and Addiction Commission be allowed to present the latest local and state data and trends of substance misuse to the Board of Commissioners.

Background/Purpose of Request:
On September 18, 2018, a resolution was passed by the Brunswick County Board of Commissioners establishing the Brunswick County Substance Use and Addiction Commission. The Commission's charge is to address the crisis of substance addiction and advocate to improve treatment options for individuals with substance use disorder for the betterment of health and the well-being of our communities. The Commission meets monthly on the first Thursday at 5:00 pm.

Members of the Commission would like to share their progress toward their mission, the latest local and state data trends, and substance use treatment needs for Brunswick County.

Fiscal Impact:
Reviewed By Director of Fiscal Operations

Approved By County Attorney:
Yes

County Manager's Recommendation:
Recommend that members of the Brunswick County Substance Use and Addiction Commission be allowed to present the latest local and state data and trends of substance misuse to the Board of Commissioners.

ATTACHMENTS:

Description

- 2022 Substance Use Annual Data Report

BRUNSWICK COUNTY

SUBSTANCE USE ADDICTION COMMISSION DATA UPDATE

Annual Report
August 2021 to July 2022

Opioid Overdose Emergency Dept. Visits in Brunswick

42

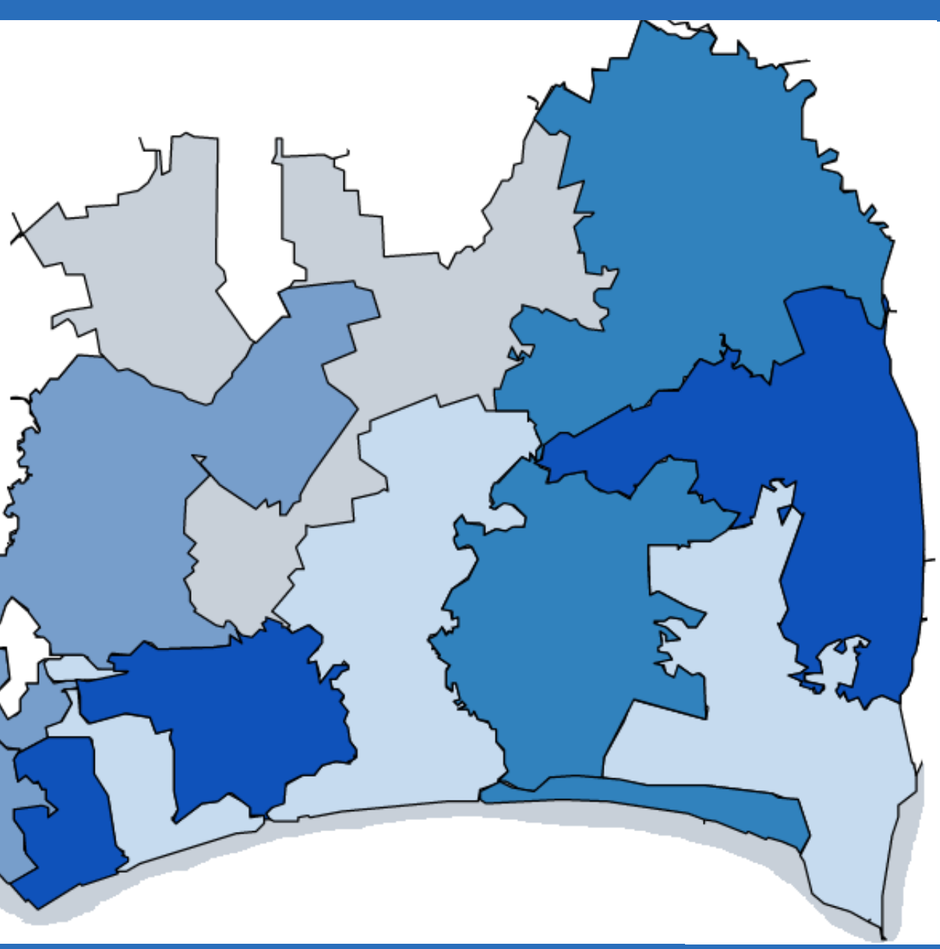
Majority of case counts are in

-White

-Young adults 24-49

Heat map of Opioid Overdoses

Low<------->High



Unintentional/Undetected Medication or Drug OD

157

January 2022
to July 2022
4 -Deaths
45 -Reversals
Source: BCSO

Data Sources: ED Data NC DETECT is North Carolina's statewide syndromic surveillance system. ED visit data from NCDETECT are provisional andshould not be considered final. This data was generated on 8/18/2022

801 NORTH CAROLINA EMERGENCY DEPARTMENT (ED) VISITS FOR OPIOID OVERDOSE: JULY 2022

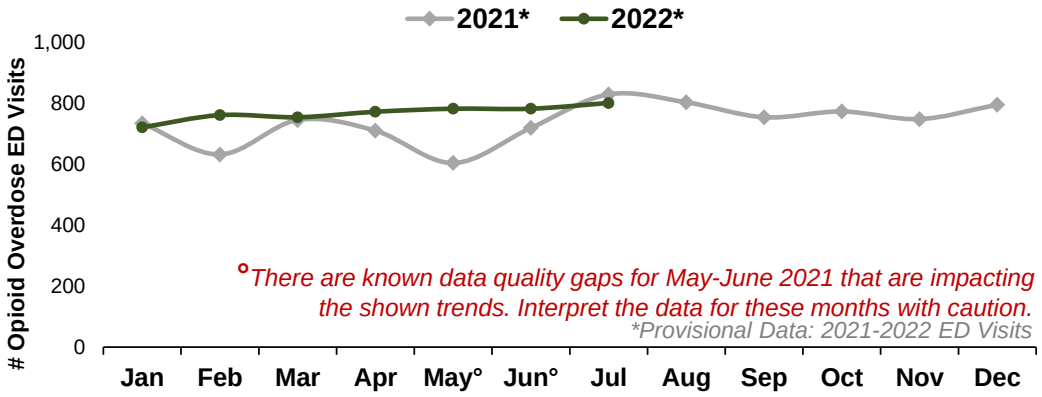
801 Opioid overdose ED visits July 2022*

Compared to **829** July 2021

Data Source: NC DETECT: ED; Custom Event: Overdose: Opioid Overdose V.2 (ICD-9/10-CM)

Note: Counts based on ICD-10-CM diagnosis code of an opioid overdose: **T40.0** (Opium), **T40.1** (Heroin), **T40.2** (Other Opioids), **T40.3** (Methadone), **T40.4** (Other Synthetic Narcotics), and **T40.6 (**Other and Unspecified Narcotics).

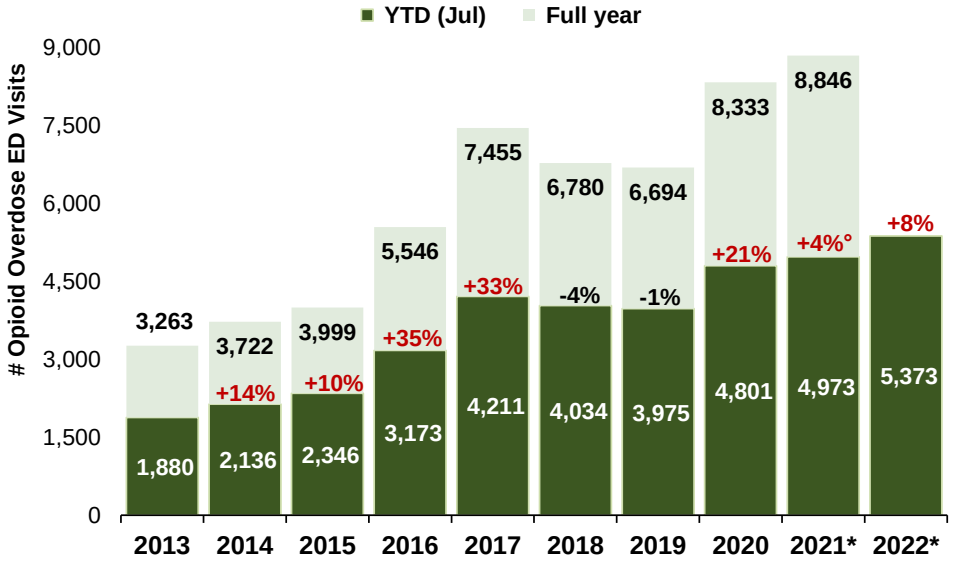
Opioid Overdose ED Visits by Month: 2021-2022*



°*There are known data quality gaps for May-June 2021 that are impacting the shown trends. Interpret the data for these months with caution.*

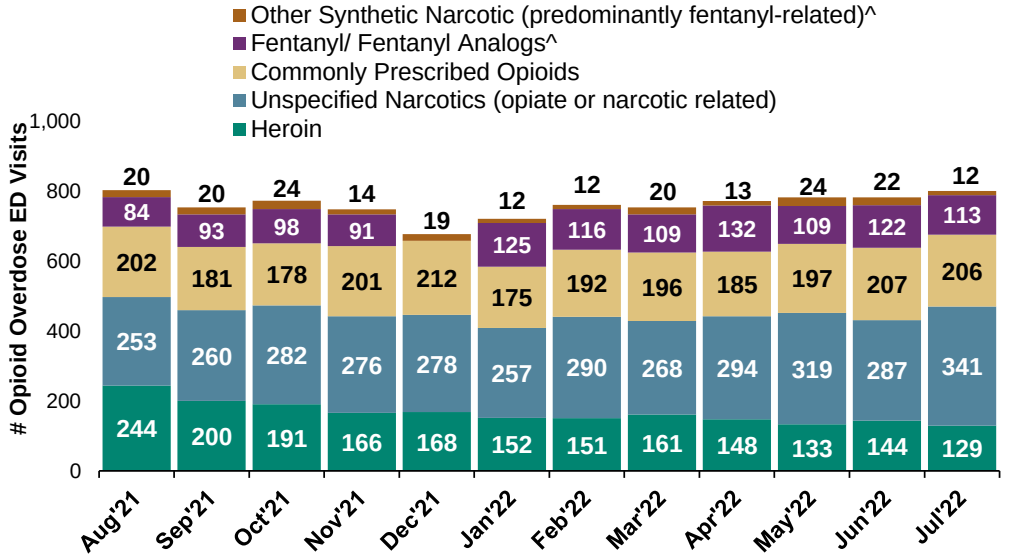
**Provisional Data: 2021-2022 ED Visits*

Opioid Overdose ED Visits by Year: 2013-2022*



Percent change: YTD total compared to YTD total of previous year; °*There are known data quality gaps for May-June 2021 that are impacting the shown trends. Interpret the data for*

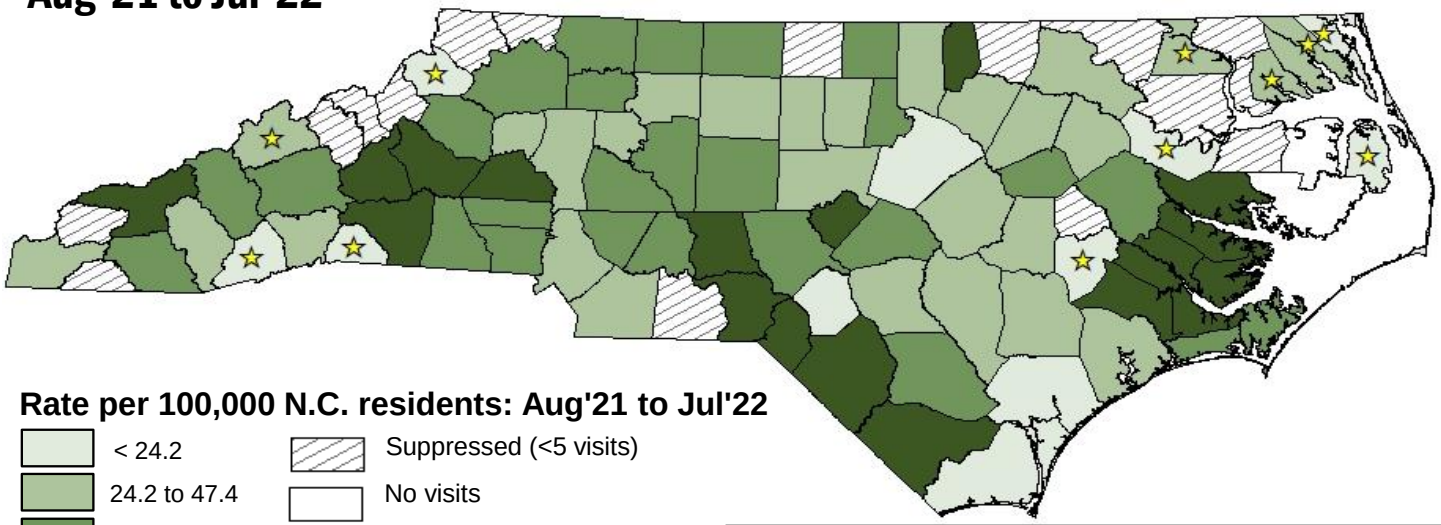
Last 12 Months of ED Visits by Opioid Class: 2021-2022*



^Fentanyl/fentanyl analogs drug class is a new ICD10CM diagnosis code as of October 2020, prior to this month, this category was predominately captured in the non-specific "Other Synthetic Narcotic" drug class.

***Note:** 2020-2021 ED visit data is provisional; For case definitions, go to https://www.inuryfreenc.ncdhhs.gov/DataSurveillance/poisoning/SummaryTableforPoisoningDefinitions.pdf*

Last 12 Months Opioid Overdose ED Visits Rate by County of Residence: Aug'21 to Jul'22



Rate per 100,000 N.C. residents: Aug'21 to Jul'22

- < 24.2
- 24.2 to 47.4
- 47.5 to 73.5
- ≥ 73.6
- Suppressed (<5 visits)
- No visits
- ☆ Interpret with caution, low numbers (5 to 9 visits)

**Provisional Data: 2021-2022 ED Visits*

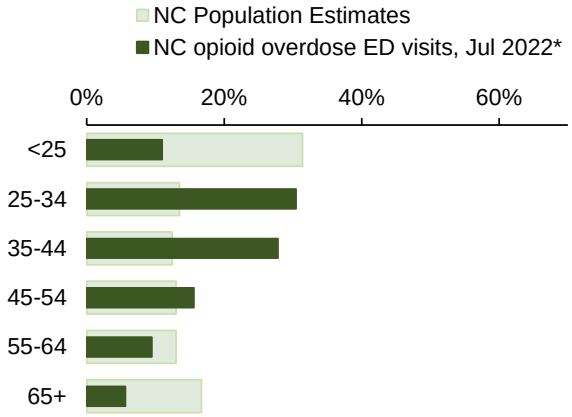
Highest Rates of Opioid Overdose ED visits among Counties Last 12 Months: Aug'21-Jul'22

County	Count	Rate^
Jones	14	148.6
Montgomery	39	143.5
Pamlico	17	133.6
Swain	16	112.1
Rutherford	74	110.4
Richmond	47	104.8
Burke	91	100.6
Columbus	53	95.5
Scotland	33	94.8
Beaufort	44	93.6
Statewide	**5,373**	**51.2**

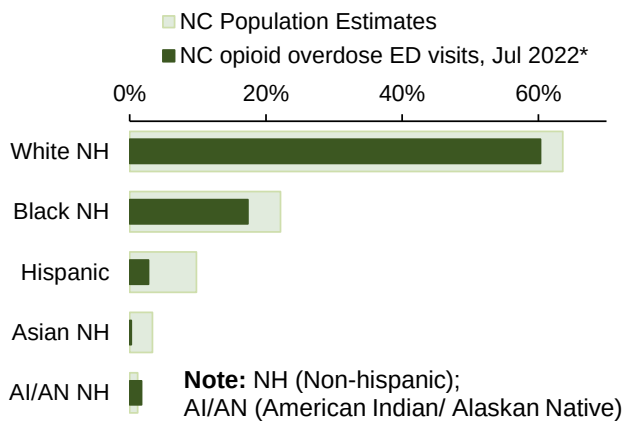
^Please note that rates are calculated using the last 12 months of data and 2020 population estimates. Counties listed in "Highest Monthly Rates of Opioid Overdose ED visits" table will likely change each month.

Demographics of Opioid Overdose ED Visits Compared to Overall NC Population Estimates

ED Visits by Age Group

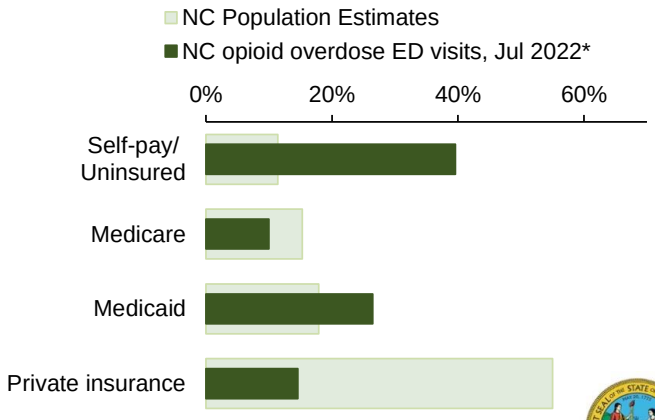


ED Visits by Race/Ethnicity



Note: NH (Non-hispanic); AI/AN (American Indian/ Alaskan Native)

ED Visits by Insurance Coverage

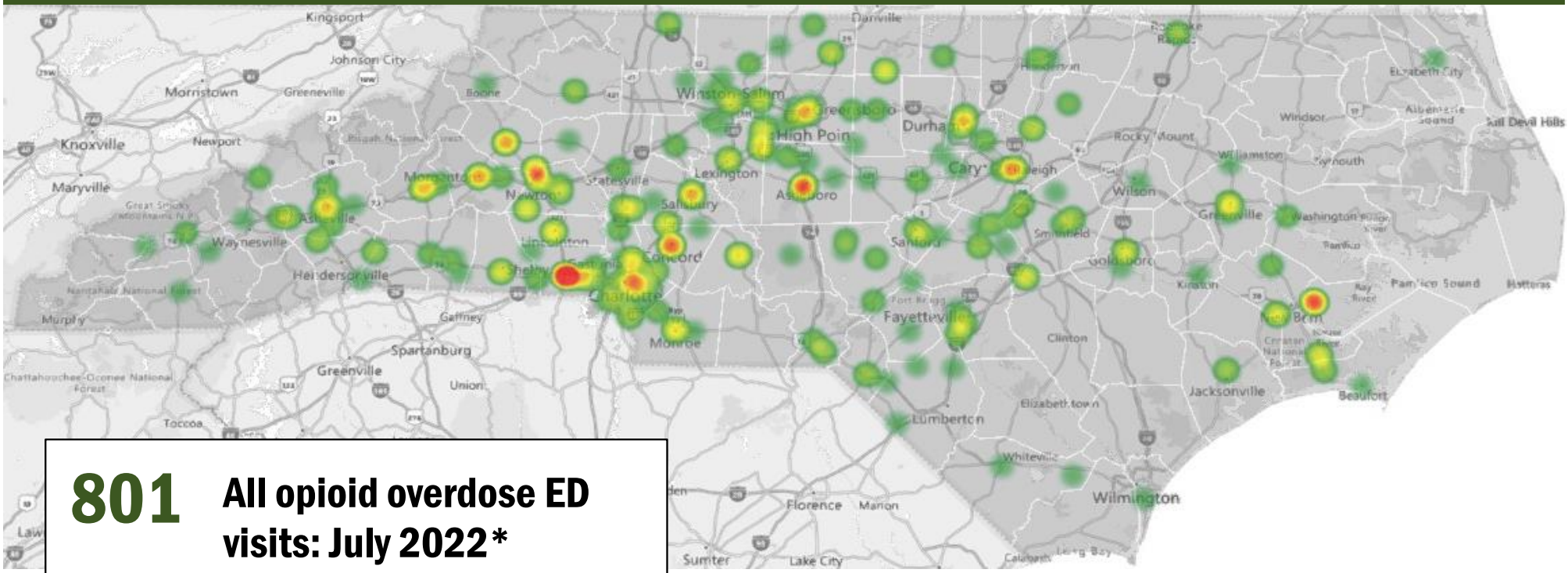


Data Sources: ED Data-NC DETECT is North Carolina's statewide syndromic surveillance system. ED visit data from NCDETECT are provisional and should not be considered final. For training on NCDETECT, contact amy_ising@med.unc.edu; **Population Data-**U.S. Census Bureau, http://quickfacts.census.gov; **Insurance coverage Data-**Kaiser Family Foundation estimates based on the Census Bureau's American Community Survey, 2008-2019, www.kff.org/other/state-indicator/total-population.
Note: Self-pay ED visits are compared to the uninsured overall population estimate category. **Provisional Data: 2021-2022 ED Visits*

NC DETECT

NC DEPARTMENT OF HEALTH AND HUMAN SERVICES
Division of Public Health

ALL OPIOID OVERDOSE ED VISITS: NORTH CAROLINA, JULY 2022*



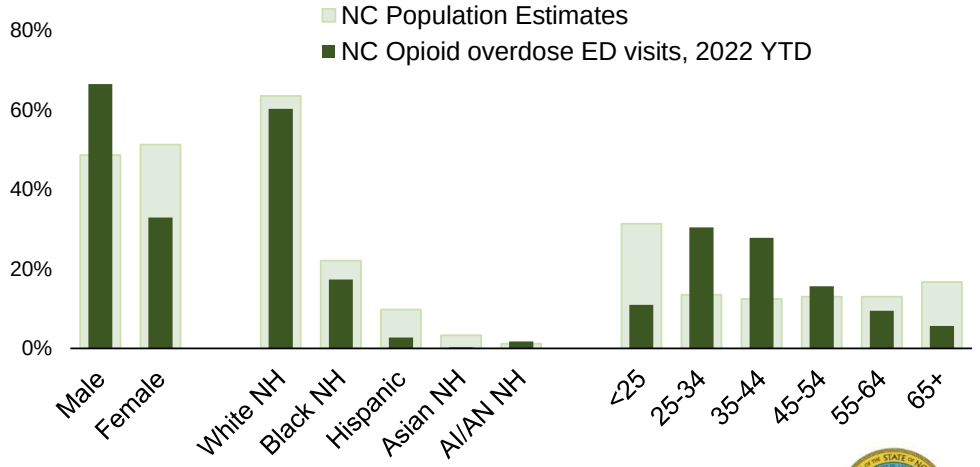
801 **All opioid overdose ED visits: July 2022***

Compared to **829** **July 2021**

Data Source: NCDETECT: ED; Custom Event: Overdose: Opioid Overdose V.2 (ICD-9/10-CM)

The highest rates of visits per 100,000 residents occurred in:

McDowell (316.4), Craven (291.5), Randolph (242.8), Gaston (204.6), and Catawba (204.2) counties.

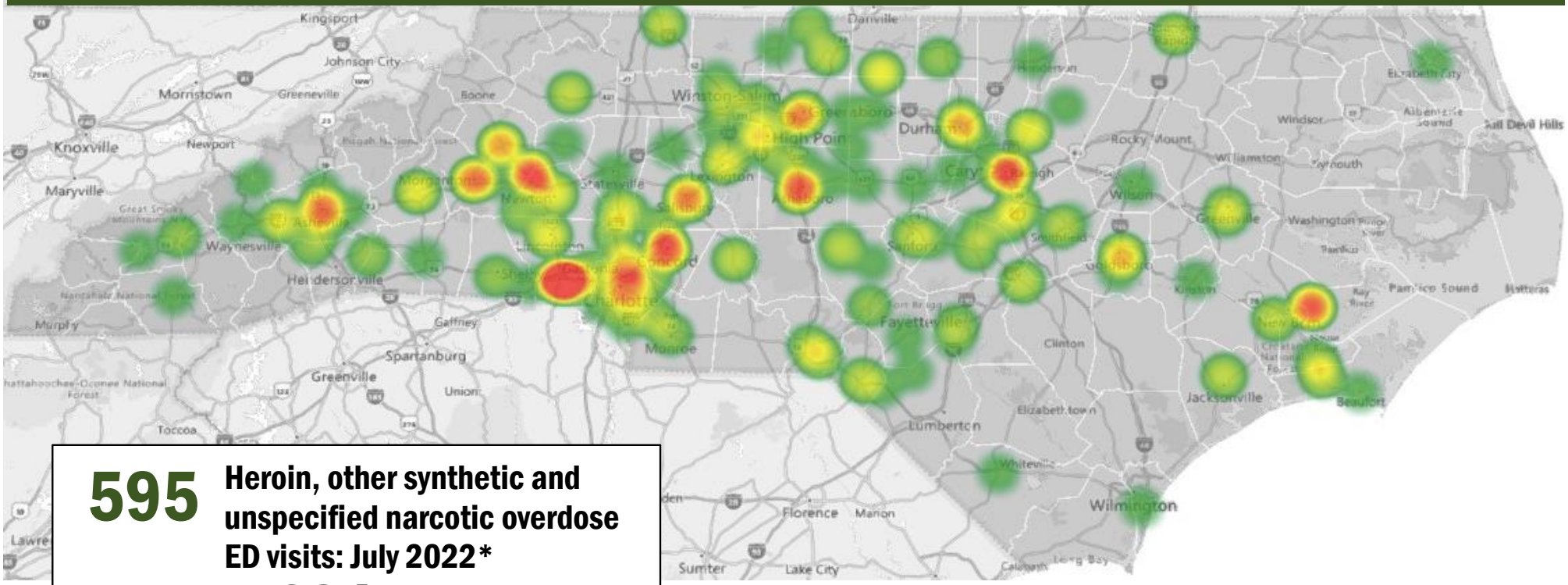


Note: NH(Non Hispanic). Counts based on diagnosis (ICD-9/10-CM code) of an opioid overdose of any intent (accidental, intentional, assault, and undetermined) for North Carolina residents.*Emergency department visit data from NC DETECT are provisional and should not be considered final. There may be data quality issues affecting our counts: counties with <10 cases may not be true lack of opioid overdose cases but data quality issues; additionally, some hospitals use non-specific poisoning codes rather than specific opioid poisoning codes.

NC DETECT

NC DEPARTMENT OF HEALTH AND HUMAN SERVICES
Division of Public Health

HEROIN AND OTHER SYNTHETIC/ UNSPECIFIED NARCOTIC OVERDOSE ED VISITS, JULY 2022*



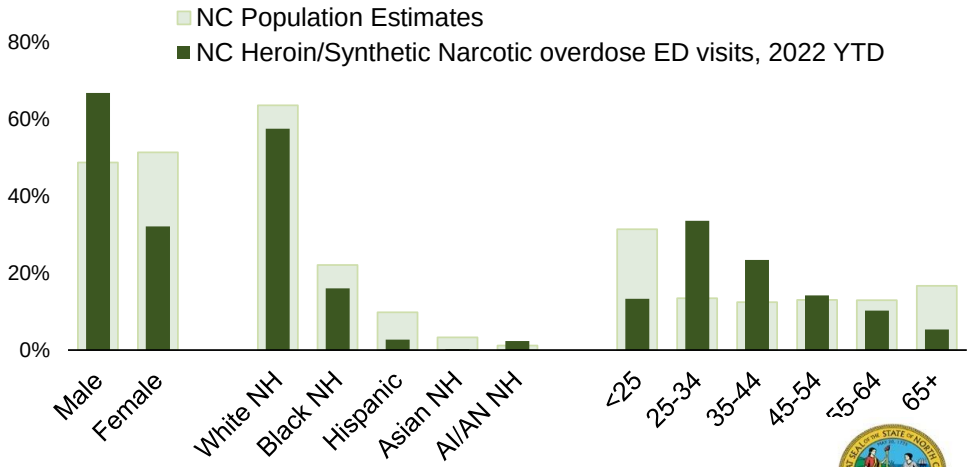
595 **Heroin, other synthetic and unspecified narcotic overdose ED visits: July 2022***

Compared to 634 July 2021

Data Source: NCDETECT: ED; Custom Event: Overdose: Opioid Overdose V.2 (ICD-9/10-CM) searching diagnosis codes for T40.1, T40.4, & T40.6.

The highest rates of visits per 100,000 residents occurred in:

Randolph (192.5), Craven (186.6), Burke (172.6), Catawba (158.8), and Moore (158.1) counties.



Note: NH(Non Hispanic). Counts based on diagnosis (ICD-9/10-CM code) of a heroin or other synthetic narcotic overdose of any intent (accidental, intentional, assault, and undetermined) for North Carolina residents. *Emergency department visit data from NC DETECT are provisional and should not be considered final. There may be data quality issues affecting our counts: counties with <10 cases may not be true lack of opioid overdose cases but data quality issues; additionally, some hospitals use non-specific poisoning codes rather than specific opioid poisoning codes.

NC DETECT

NC DEPARTMENT OF HEALTH AND HUMAN SERVICES
Division of Public Health

Brunswick County Board of Commissioners
ACTION AGENDA ITEM
September 19, 2022

Action Item # VI. - 3.

From:
Jeffery P Niebauer

Tax Administration - Presentation of Schedule of Values for 2023 and Schedule a Public Hearing

Issue/Action Requested:
Following the process for adoption of the Schedule of Values as outlined in North Carolina General Statute 105-317 a Public Hearing for the schedule of values will be advertised for October 17, 2022 at 6:00 pm. The schedule is available to the public and a link is posted on the county web page.

Background/Purpose of Request:

Fiscal Impact:
Reviewed By Director of Fiscal Operations

Approved By County Attorney:
Yes

County Manager's Recommendation:
Recommend that the Board of Commissioners hold a Public Hearing for the Schedule of Values on October 17, 2022 at 6:00 pm. (The schedule is available to the public and a link is posted on the county web page.)

ATTACHMENTS:

Description

- 2023 SOV Table of Contents
- 2023 SOV Cover Page
- 2023 SOV Introduction
- 2023 SOV Section 2
- 2023 SOV Section 3
- 2023 SOV Section 4
- 2023 SOV Section 5
- 2023 SOV Section 6
- 2023 SOV Section 7
- 2023 SOV Section 8
- 2023 SOV UVAB Manual

Table of Contents

Schedules, Standards and Rules

1. Introduction
2. Standards for Professional Practice and Ethics
3. Approaches to Value
4. Land Valuation
5. Instrument Coding
6. Principles & Essentials of Uniform Property Valuation and Assessment
7. Income Property Valuation
8. Appendix

And

The 2023 Use – Value Manual for Agricultural, Horticultural and Forest Land

SUBMITTED

BRUNSWICK COUNTY
2023
REAL PROPERTY
APPRAISAL MANUAL

AND
PRESENT USE MANUAL
FOR
AGRICULTURE
HORTICULTURE
AND FOREST LAND

SUBMITTED

PREPARED BY: BRUNSWICK COUNTY TAX ADMINISTRATOR'S OFFICE
BRUNSWICK COUNTY, NORTH CAROLINA
PURSUANT TO: G.S.105 – 317
APPRAISAL OF REAL PROPERTY; ADOPTION OF SCHEDULES, STANDARDS AND RULES
www.brunswickcountync.gov

Introduction

The North Carolina General Statute (NCGS) §105-283 requires that all real property shall as far as practicable be appraised or valued at its true value in money. The statute further states that the words "true value" shall be interpreted as meaning "market value, that is, the price estimated in terms of money at which the property would change hands between a willing and financially able buyer and a willing seller, neither being under any compulsion to buy or sell and both having a reasonable knowledge of all the uses to which the property is adapted and for which it is capable of being used."

The intent of the property revaluation program is to readjust the appraised values of real property so that values are brought into line with true value, or "market value", as of January 1, 2023. The Tax Administrator's office estimates market value by accumulating descriptive data of the real property in our county and by studying the property transactions in our county. The goal of this effort is to uniformly estimate property values in an efficient manner.

Although the resulting estimates of value for each property will be used later in calculation of property tax, at this point the sole responsibility of the Tax Administrator and his appraisal staff is to reasonably approach and estimate the most probable total selling price for all parcels.

Also at this point, the property owner should acknowledge only that the Tax Administrator did, or did not, reasonably estimate the approximate market value for the property. The appraisal staff will be available to informally discuss any concerns a property owner may have prior to the meeting of the *Board of Equalization and Review*. A general provision, set out by North Carolina General Statute (NCGS) §105-394, states that Immaterial irregularities in the listing, appraisal, or assessment of property for taxation ... or in any other proceeding or requirement of this Subchapter shall not invalidate the tax imposed upon any property or any process of listing, appraisal, assessment, levy, collection, or any other proceeding under this Subchapter.

All real estate appraisal work in the United States should be accomplished in compliance with the *Uniform Standards of Professional Appraisal Practice (USPAP)*. For the purposes of this Schedule of Values, appraisers preparing assessments under the mass appraisal process, including assessment appeals to be heard before the Board of Equalization of Review, shall be guided by USPAP *Standard 6*, which governs real estate appraisal practice for *ad valorem* tax purposes, which together with the Tax Administrator's statements of compliance, compose the main body of this *2023 Schedule of Values*. However, in the preparation of assessment appeals to be heard before the North Carolina Property Tax Commission or the North Carolina Court of Appeals, the appraisers shall be guided by USPAP Standard Rule 1.

To assist property owners, employees, and administrative personnel interested in understanding and applying assessment standards, this manual of values, standards, and rules is required.

Sections 2 through 8 of this manual contain the detail that the Tax Administrator needs to comply with *USPAP Standard 6*.

North Carolina General Statute §105-286 requires general reappraisal of real property at least every eight years. Over a long period of time, values assessed under a given revaluation's Schedule of Values lose a uniform relationship to the true market value, as defined by statute. When compared to sale prices year-by-year during a revaluation's life-cycle, some assessed values become too high while others become too low.

From time to time the State of North Carolina may deem it necessary to add or modify guiding statute contained in The Machinery Act. All such statutory changes and changes to Department of Revenue Rules and Regulations are hereby incorporated by reference into this Schedule of Values.

SUBMITTED

STANDARDS FOR PROFESSIONAL PRACTICE AND ETHICS

1. International Association of Assessing Officers (IAAO)[1]

The International Association of Assessing Officers (IAAO) is an educational and research association of individuals in the assessment profession and others with an interest in property taxation. Membership is open to anyone, and includes individuals working in government, private industry, academia and members of the general public. This section covers Code of Ethics and Standards of Mass appraisal.

- **a.** Code of Ethics
- **b.** Standards of Professional Conduct

a. Code of Ethics

Canon 1

Members shall conduct their professional duties and activities in a manner that reflects credit upon themselves and their profession.

Ethical Rules

E.R. 1-1 It is unethical for members to conduct their professional duties in a manner that could reasonably be expected to create the appearance of impropriety.

E.R. 1- 2 It is unethical for members to accept an appraisal or assessment-related assignment, which they are not qualified to perform

E.R. 1-3 It is unethical for members knowingly to fail in performance of their duties according to applicable laws and regulations or in the uniform application of such laws and regulations.

E.R. 1-4 It is unethical for members not to make available all public records in their custody for public review, unless access to such records is specifically limited or prohibited by law, or the information has been obtained on a confidential basis and the law permits such information to be treated confidentially. Assessing officers must make every reasonable effort to inform the public about their rights and responsibilities under the law and the property tax system.

E.R. 1-5 It is unethical for members not to cooperate with public officials to improve the efficiency and effectiveness of the property tax in particular and public administration in general.

E.R. 1-6 It is unethical to engage in misconduct of any kind that leads to a conviction for a crime involving fraud, dishonesty, false statements, or moral turpitude.

E.R. 1-7 It is unethical to perform any appraisal, assessment, or consulting service that is not in compliance with the IAAO Constitution or the Uniform Standards of Professional Appraisal Practice.

Canon 2

Members shall not make public statements, written or oral, that are untrue or tend to mislead or deceive the public in the course of performing their professional duties.

Ethical Rules

E.R. 2-1 It is unethical to use advertising or promotions that are not totally accurate and truthful to solicit assessment-related assignments or to use misleading claims or promises of relief that could lead to loss of confidence in appraisal or assessment professionals by the public.

E.R. 2-2 It is unethical to claim an IAAO professional designation unless authorized, whether the claim is verbal or written, or to claim qualifications that are not factual or may be misleading.

E.R. 2-3 It is unethical not to give full credit to the source(s) of any materials quoted or cited in writings or speeches.

Canon 3

Members shall not engage in appraisal or assessment-related assignments in which they have, or may reasonably be considered by the public as having, a conflict of interest.

Ethical Rules

E.R. 3-1 It is unethical for members to accept an appraisal or assessment-related assignment that can reasonably be construed as being in conflict with their responsibility to their jurisdiction, employer, or client, or in which they have an unrevealed personal interest or bias.

E.R. 3-2 It is unethical for assessment personnel to perform private appraisal assignments (moonlight) in their assessment jurisdictions.

SUBMITTED

Comment A. It is not unethical for assessment personnel to perform special appraisal assignments for other government agencies when such assignments are part of their duties as assessment professionals.

Comment B. It is not unethical for assessment personnel to perform private appraisal assignments (moonlight) outside of their assessment jurisdictions.

Canon 4

Members shall accept no appraisal or assessment-related assignment, which is contingent upon or influenced by any condition that could impair their objectivity.

Ethical Rules
E.R. 4-1 It is unethical, in the performance of an appraisal or assessment-related assignment, to develop an appraisal, analysis, or opinion that is biased or to prepare, orally present, sign, or deliver an appraisal report that contains any biased analysis or opinion. Further, it is unethical for a member knowingly to permit a business entity that is wholly owned, or wholly or partially controlled by such member, to prepare, orally present, sign, or deliver a biased report or an appraisal report that contains any biased analysis or opinion.

E.R. 4-2 It is unethical to accept or perform an appraisal assignment if the compensation to be paid for the assignment is contingent upon a reduction or increase in assessed value or taxes, or the consequences of such assignment.

Comment: Property tax consulting assignments are not considered to be appraisal assignments within the meaning of the Code, unless an appraisal as defined by the Uniform Standards of Professional Appraisal Practice is made. Therefore, unless an appraisal as defined by the Uniform Standards of Professional Appraisal Practice is made and expressed, it is not a violation of this E.R. for a member to accept or perform a property tax consulting assignment for which compensation is contingent upon a reduction or increase in assessed value or taxes. For further explanation, see Standards 4 and 5 of the Uniform Standards of Professional Appraisal Practice.

E.R. 4-3 It is unethical to accept or perform an appraisal assignment where the member has a personal interest in the subject property or personal bias toward the parties, unless certain conditions are met. Such conditions are:

(a) The member shall disclose such personal interest or bias to the client or employer prior to acceptance of the appraisal assignment, and
(b) The member shall disclose such personal interest or bias in each written or oral appraisal report resulting from such appraisal assignment.

E.R. 4-4 It is unethical to perform appraisal assignments without clear and full disclosure of the form of compensation as required by the Uniform Standards of Professional Appraisal Practice.

Canon 5

Members shall abide by and support the provisions of the IAAO Constitution, Bylaws, and Procedural Rules.

Ethical Rules
E.R. 5-1 It is unethical for an IAAO member:

(a) Knowingly to make false statements or submit misleading information when completing a membership application, or to refrain from promptly submitting any significant information in the possession of such member when requested to do so as part of an IAAO membership application.

(b) Knowingly to submit misleading information to the duly authorized Ethics Committee or subcommittee; to refrain from promptly submitting any significant information in the possession of the member as requested by the committee or subcommittee; to refuse to appear for a personal interview or participate in an interview conducted by telephone as scheduled by the committee or subcommittee; or to refuse to answer promptly all relevant questions concerning an appraisal or assessment-related assignment or related testimony being investigated by the committee or subcommittee. Any member who has submitted misleading information to the Ethics Committee may be subject to ethical charges filed by the committee.

(c) To fail or refuse to submit promptly to an authorized IAAO committee a written appraisal report or file memorandum containing data, reasoning, and conclusions, or to fail or refuse to permit an authorized committee to review an appraisal report, assessment-related assignment, or file memorandum when requested to do so by a person or persons authorized to review such material.

(d) To fail or refuse to submit promptly any significant information in the possession of a member concerning the status of litigation related to an ethics matter when requested to do so by the chair of the Ethics Committee; or knowingly to submit misleading information to the chair of the Ethics Committee concerning the status of litigation.

E.R. 5-2 It is unethical to fail to comply with the terms of a summons issued by the Ethics Committee.

E.R. 5-3 It is unethical not to cooperate fully with the IAAO Executive Board, Ethics Committee and the staff of IAAO in all matters related to the enforcement of this Code, as set forth in the Ethics Committee's Rules and Procedures, as amended from time to time.

E.R. 5-4 It is unethical to violate the IAAO Constitution, Bylaws, or Procedural Rules.

SUBMITTED

Canon 6

Members shall comply with the requirements of the Uniform Standards of Professional Appraisal Practice.

Ethical Rules
E.R. 6-1 It is unethical to fail to observe the requirements of the Uniform Standards of Professional Appraisal Practice.

Source: (1) IAAO, Code of Ethics and Standards, 2001 by IAAO Website.
http://www.iaao.org

1. International Association of Assessing Officers

b. Standards on Mass Appraisal of Real Property

Scope

This standard defines requirements for the mass appraisal of real property. The primary focus is on mass appraisal for ad valorem tax purposes. However, the principles defined here should also be relevant to computer-assisted mass appraisals (or automated valuation models) used for other purposes, such as mortgage portfolio management. The standard primarily addresses the needs of the assessor, assessment over-sight agencies, and taxpayers. This standard addresses mass appraisal procedures by which property can be appraised at market value, including mass appraisal application of the three traditional approaches to value (cost, sales comparison, and income). Appraisals made on another than market value basis or on an individual basis are outside the scope of this standard. Where assessed value differs from market value because of statutory constraints such as use value, acquisition value, base year value, or classification, this standard does not provide guidance for determining assessed value. Mass appraisal requires complete and accurate data, effective valuation models, and proper management of resources. There are some aspects that need to be addressed. One focus is on the collection and maintenance of property data. Another focus is summarizing the primary considerations in valuation methods, including the role of the three approaches to value in the mass appraisal of various types of property. Also be aware and discuss certain managerial considerations: staff levels, data processing support, contracting for reappraisals, support of valuations, and benefit-cost issues.

This standard combines and replaces the 1983 Standard on the Application of the Three Approaches to Value in Mass Appraisa*l, the 1984* Standard on Mass Appraisal, *and the 1988* Standard on Urban Land Valuatio*n. The IAAO's assessment standards represent a consensus in the assessing profession and have been adopted by the Executive Board of the International Association of Assessing Officers (IAAO). The objective of the IAAO's standards is to provide a systematic means by which concerned assessing officers can improve and standardize the operation of their offices. The IAAO's standards are advisory in nature and the use of, or compliance with, such standards are purely voluntary. If any portion of these standards is found to be in conflict with the Uniform Standards of Professional Appraisal Practice (USPAP) or state laws, USPAP and state laws shall govern.*
At the time of the completion of this standard, the Technical Standards Subcommittee was composed of Nancy C. Tomberlin, chair; Sheldon Bluestein; Pamela M. Dubov, CAE; James L. Pence; Jan Vann; and Edward Crane, associate member.
This standard also benefited from the recommendations and thorough reviews of many IAAO members. In particular, the subcommittee would like to thank Peter L. Davis; Alan S. Dornfest, AAS; Robert J. Gloudemans; Wayne D. Llewellyn, CAE; Al Mobley, CAE, AAS; Steve D. Pruitt; and Joan Young, RES.

Introduction

Market value for assessment purposes is generally determined through the application of mass appraisal techniques. Mass appraisal is the process of valuing a group of properties as of a given date using common data, standardized methods, and statistical testing. To determine a parcel's value, assessing officers must rely upon valuation equations, tables, and schedules developed through mathematical analysis of market data. Unless required by law, values for individual parcels should not be based solely on the sale price of a property; rather, valuation schedules and models should be consistently applied to correct, complete, and up-to-date property data. Properly administered, the development, construction, and use of computer-assisted mass appraisal systems results in a valuation system characterized by accuracy, uniformity, equity, reliability, and low per-parcel costs. Except for unique properties, individual analyses and appraisals of properties are not practical for ad valorem tax purposes.

Collecting and Maintaining Property Data

Choose software wisely because it can limit the data that can be collected. The valuation software largely dictates the choice of data, whether it is programmed in house or supplied by a commercial service, a mass appraisal company, or a state agency.

SUBMITTED

Valuation

Any appraisal, whether single-property appraisal or mass appraisal, uses a model, that is, a representation in words or an equation of the relationship between value and variables representing factors of supply and demand. Mass appraisal models attempt to represent the market for a specific type of property in a specified area. Mass appraisers must first specify the model, that is, identify the variables (supply and demand factors) that influence value, for example, square feet of living area. Then, mass appraisers must calibrate the model, that is, determine the adjustments or coefficients that best represent the value contribution of the variables chosen, for example, the dollar amount the market places on each square foot of living area. Careful and extensive market analysis is required for both specification and calibration of a model that estimates values accurately. All three approaches to value—the cost approach, the sales comparison approach, and the income approach—are modeled for mass appraisal. Geographic stratification is appropriate when the value of property attributes varies significantly among areas. It is particularly effective when housing types and styles are relatively uniform within areas. Separate models can be developed for market areas (also known as economic or model areas). Sub-areas or neighborhoods can serve as variables in modeling and can also be used in land value tables and selection of comparable sales. Smaller jurisdictions may find it sufficient to develop a single residential model. Commercial and income-producing properties should be stratified by property type. In general, separate models should be developed for apartment, ware-house/industrial, and retail properties. Large jurisdictions may be able to stratify apartment properties further by type or area or to develop multiple commercial models.

Managerial Considerations

Mass appraisal requires people, mathematical computations, and other resources. Mass appraisal also needs to be well managed and have established appropriate appraisal and analytical methods. In this section certain key managerial considerations are discussed such as staffing and data processing support.

A. Staffing

A successful in-house appraisal program requires a sufficiently large staff composed of persons skilled in general administration and supervision, appraisal, mapping and drafting, data processing, and secretarial and clerical functions. Typical staffing sizes and patterns for jurisdictions of various sizes are illustrated in IAAO (1990, chapter 16). Unless efficiency or practical concerns dictate otherwise, persons performing the various mass appraisal functions should be employees of the assessor. When these functions are not performed by assessment staff, it is imperative that they be adequately provided by other departments, an oversight agency, a service bureau, a qualified contractor, or another source. Strong lines of communication must be established between the assessor's staff and the designated support groups.

B. Data Processing Support

Computer-assisted mass appraisals require considerable data processing support from hardware and software.

1. Hardware

The hardware should be powerful enough to permit computerization of appropriate applications of the cost, sales comparison, and income approaches, as well as providing word processing, data inquiry, and activity summaries. The requirements for efficient running of desired software should be established before the acquisition of hardware. Computer equipment can be purchased, leased, rented, or shared with other jurisdictions. If the purchase option is chosen, the equipment should be easy to upgrade so that technological developments can be taken advantage of without purchasing an entirely new system.

2. Software

Computer software can be developed internally, adapted from software developed by other public agencies, or purchased (in whole or in part) from private vendors. (Inevitably there will be some tailoring needed to adapt externally developed software to the requirements of the user's environment.) Each alternative has advantages and disadvantages. The software should be designed so that it can be easily modified; it should also be well documented, at both the appraiser/user and programmer levels. Security measures should exist to prevent unauthorized use and to provide backup in the event of accidental loss or destruction of data.

(1) Source. IAAO, Code of Ethics and Standards, 2001 by the IAAO Website, Standard on Mass Appraisal of Real Property, January/February 2002 Journal http://www.IAAO.Org.

2. Uniform standards of Professional Appraisal Practice (USPAP)[1]

STANDARD 6: MASS APPRAISAL, DEVELOPMENT AND REPORTING

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In developing a mass appraisal, an appraiser must be aware of, understand, and correctly employ those recognized methods and techniques necessary to produce and communicate credible mass appraisals.

Comment: STANDARD 6 applies to all mass appraisals regardless of the purpose or use of such appraisals. Standard 6 is directed toward the substantive aspects of developing and communicating competent analyses, opinions, and conclusions in the mass appraisal of properties, whether real property or personal property. Mass appraisals can be prepared with or without computer assistance. The reporting and jurisdictional exceptions applicable to public mass appraisals prepared for purposes of ad valorem taxation do not apply to mass appraisals prepared for other purposes.

A mass appraisal includes:

1. Identifying properties to be appraised
2. Defining market area of consistent behavior that applies to properties.
3. Identifying characteristics (supply and demand) that affect the creation of value in that market area.
4. Developing a model structure that reflects the relationship among the characteristics affecting value in the market area
5. Calibrating the model structure to determine the contribution of the individual characteristics affecting value.
6. Applying the conclusions reflected in the model to the characteristics of the property or properties being appraised
7. Reviewing the mass appraisal results

The JURISDICTIONAL EXCEPTION RULE may apply to several sections of STANDARD 6 because ad valorem tax administration is subject to various state, county, and municipal laws.

Standards Rule 6-1

In developing a mass appraisal, an appraiser must:

(a) Be aware of, understand, and correctly employ those recognized methods and techniques necessary to produce a credible mass appraisal;

Comment: Mass appraisal provides for a systematic approach and uniform application of appraisal methods and techniques to obtain estimates of value that allow for statistical review and analysis of results.

This requirement recognizes that the principle of change continues to affect the manner in which appraisers perform mass appraisals. Changes and developments in the real property and personal property fields have a substantial impact on the appraisal profession.

To keep abreast of these changes and developments, the appraisal profession is constantly reviewing and revising appraisal methods and techniques and devising new methods and techniques to meet new circumstances. For this reason it is not sufficient for appraisers to simply maintain the skills and the knowledge they possess when they become appraisers. Each appraiser must continuously improve his or her skills to remain proficient in mass appraisal.

(b) Not commit a substantial error of omission or commission that significantly affects a mass appraisal; and

Comment: An appraiser must use sufficient care to avoid errors that would significantly affect his or her opinions and conclusions. Diligence is required to identify and analyze the factors, conditions, data, and other information that would have a significant effect on the credibility of the assignment results.

(c) Not render a mass appraisal in a careless or negligent manner.

Comment: Perfection is impossible to attain, and competence does not require perfection. However, an appraiser must not render appraisal services in a careless or negligent manner. This rule requires an appraiser to use due diligence and due care.

Standards Rule 6-2

In developing a mass appraisal, an appraiser must observe the following specific appraisal requirements:

(a) Identify the client and other intended users;

(b) Identify the purpose and intended use of the appraisal;

Comment: An appraiser must not allow the intended use of an assignment or a client's objectives to cause the assignment results to be biased.

(c) Identify the type and definitions of value, and, if the value opinion to be developed is market value, ascertain whether the value is to be the most probable price:

(i). in terms of cash; or

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(ii). in terms of financial arrangements equivalent to cash; or
(iii). in such other terms as may be precisely defined; and
(iv). if the opinion of value is based on non-market financing or financing with unusual conditions or incentives, the terms of such financing must be clearly identified and the appraiser's opinion of their contributions to or negative influence on value must be developed by analysis of relevant market data:

Comment: For certain types of appraisal assignments in which a legal definition of market value has been established and takes precedence, the JURISDICTIONAL EXCEPTION RULE may apply.

(d) Identify the effective date of the appraisal;

(e) Identify the characteristics of the properties that are relevant to the type and definition of value and intended use, including:
(i). the group with which a property is identified according to similar market influence;
(ii). the appropriate market area and time frame relative to the property being valued; and
(iii). their location and physical, legal, and economic characteristics;

Comment: The properties must be identified in general terms, and each individual property in the universe must be identified, with the information on its identity stored or referenced in its property record.

When appraising proposed improvements, an appraiser must examine and have available for future examination, plans, specifications, or other documentation sufficient to identify the extent and character of the proposed improvements.

Ordinarily, proposed improvements are not appraised for ad valorem tax purposes. Appraisers, however, are sometimes asked to provide opinions of value to proposed improvements so that developers can estimate future property tax burdens. Sometimes units in condominiums and planned unit developments are sold with an interest in unbuilt community property, the prorate value of which, if any, must be considered in the analysis of sales data.

(f) Identify the characteristics of the properties that are relevant to the purpose and intended use of the mass appraisal, including:

(i). location of the market area; and
(ii). physical, legal, and economic attributes; and
(iii). time frame of market activity; and
(iv). property interests reflected in the market.

(g) In appraising real property or personal property:

(i). identify the appropriate market area and time frame relative to the property being valued
(ii). when the subject is real property, identify and consider any personal property, trade fixtures, or intangibles that are not real property but are included in the appraisal;
(iii). when the subject is personal property, identify and consider any real property or intangibles that are not personal property but are included in the appraisal;
(iv). identify known easements, restrictions, encumbrances, leases, reservations, covenants, contracts, declarations, special assessments, ordinances, or other items of similar nature;
(v). identify and analyze whether an appraised fractional interest, physical segment or partial holding contributes pro rata to the value of the whole;

Comment: The above requirements do not obligate the appraiser to value the whole when the subject of the appraisal is a fractional interest, physical segment, or a partial holding. However, if the value of the whole is not identified, the appraisal must clearly reflect that the value of the property being appraised cannot be used to develop the value opinion of the whole by mathematical extension.

(h) Analyze the relevant economic conditions at the time of the valuation, including market acceptability of the property and supply, demand, scarcity, or rarity;

(i) Identify any extraordinary assumption and any hypothetical conditions necessary in the assignment; and

Comment: As an extraordinary assumption may be used in an assignment only if:
- it is required to properly develop credible opinions and conclusions;
- the appraiser has reasonable basis for the extraordinary assumption;
- use of the extraordinary assumption results in a credible analysis; and
- the appraiser complies with the disclosure requirements set forth in USPAP for extraordinary assumptions.

A hypothetical condition may be used in an assignment only if:

- use of the hypothetical condition is clearly required for legal purposes, for purposes of reasonable analysis, or for purposes of comparison;
- use of the hypothetical condition results in a credible analyses; and
- the appraiser complies with the disclosure requirements se forth in USPAP for hypothetical conditions.

(j) Determine the scope of work necessary to produce credible assignment results in accordance with the SCOPE OF WORK RULE.

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Standards Rule 6-3

When necessary for credible assignment result, an appraiser must:

(a) In appraising real property, identify and analyze the effect on use
and value of the following factors: existing land use regulations, reasonably probable modifications of such regulations, economic supply and demand, the physical adaptability of the real estate, neighborhood trends, and highest and best use of the real estate; and

Comment: This requirement sets forth a list of factors that affect use and value. In considering neighborhood trends, an appraiser must avoid stereotyped or biased assumptions relating to race, age, color, gender, or national origin or an assumption that race, ethnic, or religious homogeneity is necessary to maximize value in a neighborhood. Further, an appraiser must avoid making an unsupported assumption or premise about neighborhood decline, effective age, and remaining life. In considering highest and best use, an appraiser must develop the concept to the extent required for a proper solution to the appraisal problem.

(b) In appraising personal property: identify and analyze the effects on use and value of industry trends, value-in-use, and trade level of personal property. Where applicable, identify the effect of highest and best use by measuring and analyzing the current use and alternative uses to encompass what is profitable, legal, and physically possible, as relevant to the purpose and intended use of the appraisal. Personal property has several measurable marketplaces; therefore, the appraiser must define and analyze the appropriate market consistent with the purpose of the appraisal;

Comment: The appraiser must recognize that there are distinct levels of trade and each may generate its own data. For example, a property may have a different value at a wholesale level of trade, a retail level of trade, or under various auction conditions. Therefore, the appraiser must analyze the subject property within the correct market context.

Standards Rule 6-4

In developing a mass appraisal, an appraiser must:

(a) Identify the appropriate procedures and market information required perform the appraisal,
including all physical, functional, and external market factors as they may affect the appraisal;

Comment: Such efforts customarily include the development of standardized data collection forms, procedures, and training materials that are used uniformly on the universe of properties under consideration.

(b) Employ recognized techniques for specifying property valuation models; and

Comment: The formal development of a model in a statement or equation is called model specification. Mass appraisers must develop mathematical models that, with reasonable accuracy, represent the relationship between property value and supply and demand factors, as represented by quantitative and qualitative property characteristics. The models may be specified using the cost, sales comparison, or income approaches to value. The specification format may be tabular, mathematical, linear, nonlinear, or any other structure suitable for representing the observable property characteristics. Appropriate approaches must be used in appraising a class of properties. The concept of recognized techniques apply to both real and personal property valuation models.

(c) Employ recognized techniques for calibrating mass appraisal models.

Comment: Calibration refers to the process of analyzing sets of property and market data to determine the specific parameters of a model. The table entries in a cost manual are examples of calibrated parameters, as well as the coefficients in a linear or nonlinear model. Models must be calibrated using recognized techniques, including, but not limited to, multiple linear regression, nonlinear regression, and adaptive estimation.

Standards Rule 6-5

In developing a mass appraisal, when necessary for credible assignment results, an appraiser must:

(a) Collect, verify, and analyze such data as are necessary and appropriate to develop, when applicable:

(i). the cost new of the improvements;
(ii). accrued depreciation;
(iii). value of the land by sales of comparable properties
(iv). value of the property by sales of comparable properties;
(v). value by capitalization of income—i.e., rentals, expenses, interest rates, capitalization rates, and vacancy data;

Comment: This rule requires appraisers engaged in mass appraisal to take reasonable steps to ensure that the quantity and quality of the factual data that are collected are sufficient to produce credible appraisals. For example, in real property, where applicable and feasible, systems for routinely collecting and maintaining ownership, geographic, sales, income and expense, cost, and property characteristics data must be established. Geographic data must be contained in as complete a set of cadastral maps as possible, compiled according to current standards of detail and accuracy. Sales data must be collected, confirmed, screened, adjusted, and filed according to current standards of practice. The sales file must contain, for each sale, property characteristic data that are contemporaneous with the date of sale. Property characteristic data must be appropriate and relevant to the mass appraisal models being used. The property characteristics data file must contain data contemporaneous with the date of appraisal including historical data on sales, where appropriate and available. The data

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collection program must incorporate a quality control program, including checks and audits of the data to ensure current and consistent records.

(b) Base estimates of capitalization rates and projections of future rental rates, expenses, interest rates, and vacancy rates on reasonable and appropriate evidence;

Comment: This requirement calls for an appraiser, in developing income and expense statements and cash flow projections, to weigh historical information and trends, current market factors affecting such trends, and reasonably anticipated events, such as competition from developments either planned or under construction.

(c) Identify and, as applicable, analyze terms and conditions of any available leases; and

(d) Identify the need for and extent of any physical inspection.

Standards Rule 6-6

When necessary for credible assignment results in applying a calibrated mass appraisal model an appraiser must:

(a) Value improved parcels by recognized methods or techniques based on the cost approach, the sales comparison approach, and income approach, as applicable;

(b) Value sites by recognized methods or techniques; such techniques include but are not limited to the sales comparison approach, allocation method, abstraction method, capitalization of ground rent, and land residual technique;

(c) When developing the value of a leased fee estate or a leasehold estate, analyze, as applicable, the effect on value, if any, of the terms and conditions of the lease;

Comment: In ad valorem taxation the appraiser may be required by rules or law to appraise the property as if in fee simple, as though unencumbered by existing leases. In such cases, market rent would be used in the appraisal, ignoring the effect of the individual, actual contract rents.

(d) Analyze the effect on value, if any, of the assemblage of the various parcels, divided interests, or component parts of a property; the value of the whole must not be developed by adding together the individual values of the various parcels, divided interests, or component parts; and

Comment: When the value of the whole has been established and the appraiser seeks to value a part, the value of any such part must be tested by reference to appropriate market data and supported by an appropriate analysis of such data.

(e) When analyzing anticipated public or private improvements, located on or off the site, analyze the effect on value, if any, of such anticipated improvements to the extent they are reflected in market actions.

Standards Rule 6-7

In reconciling a mass appraisal an appraiser must:

(a) Reconcile the quality and quantity of data available and analyzed within the approaches used and the applicability and relevance of the approaches, methods and techniques used; and

(b) Employ recognized mass appraisal testing procedures and techniques to ensure that standards of accuracy are maintained.

Comment: It is implicit in mass appraisal that, even when properly specified and calibrated mass appraisal models are used, some individual value estimates will not meet standards of reasonableness, consistency, and accuracy. However, appraisers engaged in mass appraisal have a professional responsibility to ensure that, on an overall basis, models produce value estimates that meet attainable standards of accuracy. This responsibility requires appraisers to evaluate the performance of models, using techniques that may include but are not limited to, goodness-of-fit statistics, and model performance statistics such as appraisal-to-sale ratio studies, evaluation of hold-out samples, or analysis of residuals.

Standards Rule 6-8

A written report of a mass appraisal must clearly communicate the elements, results, opinions, and value conclusions of the appraisal.

Each written report of a mass appraisal must:

(a) Clearly and accurately set forth the appraisal in a manner that will not be misleading;
(b) Contain sufficient information to enable the intended users of the appraisal to understand the report properly;

Comment: Documentation for a mass appraisal for ad valorem taxation may be in the form of (1) property records, (2) sales ratios and other statistical studies, (3) appraisal manuals and documentation, (4) market studies, (5) model building documentation, (6) regulations, (7) statutes, and (8) other acceptable forms.

(c) Clearly and accurately disclose any extraordinary assumptions, hypothetical conditions, and limiting conditions used in the assignment.

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Comment: The report must clearly and conspicuously:

- state all extraordinary assumptions and hypothetical conditions; and
- state that their use might have affected the assignment results.

(d) State the identity of the client and any intended users, by name and type

(e) State the purpose and intended use of the appraisal;

(f) Disclose any assumptions or limiting conditions that result in deviation from recognized methods and techniques or that affect analyses, opinions, and conclusions;

(g) Set forth the effective date of the appraisal and the date of the report;

Comment: In ad valorem taxation the effective date of the appraisal may be prescribed by law. If no effective date is prescribed by law, the effective date of the appraisal, if not stated, is presumed to be contemporaneous with the data and appraisal conclusions.

The effective date of the appraisal establishes the context for the value opinion, while the date of the report indicates whether the perspective of the appraiser, on the market or property use conditions as of the effective date of the appraisal was prospective, current, or retrospective.

(h) State the type and definition of value and cite the source of the definition;

Comment: State the type and definition of value also requires any comments needed to clearly indicate to intended users how the definition is being applied.

When reporting an opinion of market value, state whether the opinion of value is:

- In terms of cash or financing terms equivalent to cash, or
- Based on non-market financing with unusual condition or incentives.

When an opinion of market value is not in terms of cash or based on financing terms equivalent to cash, summarize the terms of such financing and explain their contributions to or negative influence on value.

(i) Identify the properties appraised including the property rights;

Comment: The report documents the sources for location, describing and listing the property. When applicable, include references to legal descriptions, addresses, parcel identifiers, photos, and building sketches. In mass appraisal this information is often included in property records. When the property rights to be appraised are specified in a statute or court ruling, the law must be referenced.

(j) Describe the scope of work used to develop the appraisal; exclusion of the sales comparison approach, cost approach, or income approach must be explained;

Comment: Because intended users' reliance on an appraisal may be affected by the scope of work, the report must enable them to be properly informed and not misled. Sufficient information includes disclosure of research and analyses performed and might also include disclosure of research and analyses not performed.

When any portion of the work involves significant mass appraisal assistance, the appraiser must describe the extent of that assistance. The signing appraiser must also state the name(s) of those providing the significant mass appraisal assistance in the certification, in accordance with SR 6-9.

(k) Describe and justify the model specification(s) considered, data requirements, and the model(s) chosen;

Comment: The user and affected parties must have confidence that the process and procedures used conform to accepted methods and result in credible value estimates. In the case of mass appraisal for ad valorem taxation, stability and accuracy are important to the credibility of value opinions. The summary report must include a discussion of the rationale for each model, the calibration techniques to be used, and the performance measures to be used.

(l) Describe the procedure for collecting, validating, and reporting data;

Comment: The summary report must describe the sources of data and the data collection and validation processes. Reference to detailed data collection manuals must be made, as appropriate, including where they may be found for inspection.

(m) Describe calibration methods considered and chosen, including the mathematical form of the final model(s); describe how value estimates were reviewed; and, if necessary, describe the availability of individual value estimates;

(n) When an opinion of highest and best use, or the appropriate market or market level was developed, discuss how that opinion was determined;

Comment: The mass appraisal summary report must reference case law, statute, or public policy that describes highest and best-use requirements. When actual use is the requirement, the report must discuss how use-value opinions were developed. The appraiser's reasoning in support of the highest and best use opinion must be provided in the depth and detail required by its significance to the appraisal.

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(o) Identify the appraisal performance tests used and set forth the performance measures attained;

(p) Describe the reconciliation performed, in accordance with Standards Rule 6-7; and

(q) Include a signed certification in accordance with Standards Rule 6-9.

Standards Rule 6-9

Each written mass appraisal report must contain a signed certification that is similar in content to the following form:

I certify that, to the best of my knowledge and belief,

The statements of fact contained in this report are true and correct.

The reported analyses, opinions, and conclusions are limited only by the reported assumptions and limiting conditions, and are my personal, impartial, and unbiased professional analyses, opinions, and conclusions.

I have no (or the specified) present or prospective interest in the property that is the subject of this report, and I have no (or the specified) personal interest with respect to the parties involved.

I have no bias with respect to any property that is the subject of this report or to the parties involved with this assignment. My engagement in this assignment was not contingent upon developing or reporting predetermined results.

My compensation for completing this assignment is not contingent upon the reporting of a predetermined value or direction in value that favors the cause of the client, the amount of the value opinion, the attainment of a stipulated result, or the occurrence of a subsequent event directly related to the intended use of this appraisal.

My analyses, opinions, and conclusions were developed, and this report has been prepared, in conformity with the Uniform Standards of Professional Appraisal Practice.

I have (or have not) made a personal inspection of the properties that are the subject of this report. (If more than one person signs the report, this certification must clearly specify which individuals did and which individuals did not make a personal inspection of the appraised property.)

No one provided significant mass appraisal assistance to the person signing this certification. (If there are exceptions, the name of each individual providing significant mass appraisal assistance must be stated.)

Comment: The above certification is not intended to disturb an elected or appointed assessors work plans or oaths of office. A signed certification is an integral part of the appraisal report. An appraiser, who signs any part of the mass appraisal report, including a letter of transmittal, must also sign this certification.

In an assignment that includes only assignment results developed by the real property appraiser(s) who signs a certification accepts full responsibility for all elements of the certification, for the assignment results, and for the contents of the appraisal report. In an assignment that includes personal property assignment results not developed by the real property appraiser(s), any real property appraiser(s) who signs a certification accepts full responsibility for the real property contents of the appraisal report.

In an assignment that includes only assignment results developed by the personal property appraiser(s) who sign a certification accepts full responsibility for all elements of the certification, for the assignment results, and for the contents of the appraisal report. In an assignment that includes real property assignment results not developed by the personal property appraiser(s), any personal property appraiser(s) who signs a certification accepts full responsibility for the personal property elements of the certification, for the personal property assignment results, and for the personal property contents of the appraisal report.

When a signing appraiser(s) has relied on work done by others who do not sign the certification, the signing appraiser is responsible for the decision to rely on their work. The signing appraiser(s) is required to have a reasonable basis for believing that those individuals performing the work are competent and that their work is credible.

The names of individuals providing significant mass appraisal assistance who do not sign a certification must be stated in the certification. It is not required that the description of their assistance be contained in the certification, but disclosure of their assistance is required in accordance with SR 6-8(j).

(1) Source: USPAP 2010-2011 Uniform Standards of Professional Appraisal Practice Standard 6. Mass Appraisal, Development and Reporting. http://www.ncarea.org/images/2010USPAP.pdf

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Approaches to Value

1. Cost Approach

The cost method of valuation follows the general formula, MV = LV + (RCN – D). Where MV is Market Value), LV is Land Value, RCN is replacement cost new, and D is depreciation. Cost tries to replicate market value by adding an estimate of land value to the difference between the cost of the improvements and total depreciation. The cost approach is most applicable to industrial and special use properties for which market and/or income data is scarce or nonexistent.

The value of the improvements can be developed through the use of cost manuals from such firms as Marshall and Swift and then indexed for local economic conditions. Local construction firms and contractors are also a source for cost information and verification for the indexing of data from manuals.

Depreciation is the loss, from all causes, in value of the replacement cost new. The simplest form is that caused by aging. Newer homes will sell at a higher price than similar homes built at an earlier date. This is because normal wear and tear, neglect and physical decay begin to affect the structure and therefore its marketability.

The method used for normal depreciation will be the economic age-life method whereby a lump sum is deducted from the RCN. This sum is a function of actual age and effective age (effective age is the age indicated by condition and utility and may be less or greater than chronological age) and perceptions by the market. The figure is developed into a percentage adjustment. The RCN is multiplied by this adjustment. Functional and economic depreciation are then deducted if applicable.

Two other forms of depreciation exist. They are functional and economic obsolescence.

Functional obsolescence is the inability of the structure to adequately fulfill its purpose given current market demand and the state of construction technology. A rather common example of this is being over built. An owner of a home with 3000 square feet of living area in a neighborhood of 1000 square foot homes will not be able to realize the same per square foot sale price as the smaller homes. The owner of the 3000 square foot home has a superadequacy. Buyers will perceive a loss of utility for the extra space and therefore only offer the owner a marginal return on the extra space. The measurement of curable functional obsolescence is done by calculating the cost to cure the inadequacy. If a superadequacy exist, the simplest way is the subtraction of the reproduction cost by the replacement cost. If sales are available the sales comparison method is the most preferable.

Economic obsolescence is incurable. The total loss must be allocated to improvements. The appraiser must compare sales sharing the same negative influence to those that are not. The estimated loss is then applied. If the property is income producing then the loss in net operating income can be capitalized if appropriate rates for building and land are available. Economic obsolescence is caused by factors external to the property and totally out of control of the owner. Examples of this might be heavy traffic through a residential neighborhood.

The method must also account for other indirect cost such as entrepreneurial profit accounting, legal fees, administration etc., all of which must be verified by market data.

2. Market Approach[1]

The market approach (also called the sales comparison approach) uses analysis of recent comparable sales to value subject properties. The Market Approach is used to estimate property at its "fair market value". Ergo, the best technique for the valuation of property is abstracting data from actual sales and applying the results to unsold properties. The general formula for the market is:

MV= S +/- A.

Where MV is market value, S is the sales of comparable property, and A is the amount of adjustments.

The sales comparison approach models the behavior of the market by comparing the properties being appraised (subjects) with similar properties that have recently sold (comparable properties). Comparable properties are selected for similarity to the subject property. The sales are then adjusted for their differences from the subject. Finally, a market value for the subject is estimated from the adjusted sales prices of the comparable properties.

Typically, adjustments originate from one of the following.

- Paired data set analysis
- Statistical analysis
- Graphic analysis
- Cost-related analysis
- Secondary data analysis

Comparable properties are selected and adjusted to the subject property. The sales comparison approach requires adjustments for differences, such as time, attribute differences, competitiveness in the same market, and other factors.

In the sales comparison approach, appraisers estimate a price per unit. The unit of comparison may be the property as a whole or some smaller measure of the size of the property. Converting the sale price to a unit of measure makes it easier to compare and adjust properties that compete in the same market. The price per unit of comparison is the dependent variable – what is being estimated - in the valuation model. The value of the dependent variable is predicted by the values of the other variables, such as property attributes. The unit of comparison should never be the grounds for selecting comparables. Property attributes should be used instead.

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Once the attributes have been selected and the adjustments determined, the appraiser can apply the sales comparison model. The appraiser first describes subject and comparables in a comparative attribute display, then selects an adjustment method and adjusts each comparable to the subject. After adjustments have been made an estimate of value can be determined about the subject property.

3. Income Approach

The income approach restates market value by converting the future benefits of property ownership into an expression of present worth.

The general model is **MV= I/R**.

Where MV = market value, I = net income, and R = capitalization rate. The underlying assumption of this approach is that the value of the property as perceived by the buyer lies in its ability to generate income. The consumer is anticipating a future benefit (the income stream and or future sale of the property). It is the anticipated future benefits that the Assessor is appraising and discounting to their present worth.

The process begins with an estimation of gross potential income (GPI). This is the maximum possible receipt that the owner may realize in an annual period. Example: An apartment complex has 10 units for which the market rent is $350 per month. The GPI is the 12 months X 350 X 10 units = $4,200. It is important to note that the rent is market rent. This is often different from contract rent. Market rent is the prevailing current rate that would maximize the owners return on his investment. Contract rent is that which is denoted in the lease or rental agreement between lessor and lessee. The importance of this difference will be explained below.

Next is the calculation of vacancy and collections losses. Since most properties are rarely 100% occupied, the owner suffers a loss from his potential gross. The Assessor's Office and references to secondary sources establish this in market surveys. After subtracting these potential losses miscellaneous income is added to the difference.

Miscellaneous income may come from various sources: common area charges, overage agreements, utility charges, unclaimed deposits, laundry room charges, etc. After this addition, the sum is the effective gross income.

From the EGI, (effective gross income) allowable expenses are deducted. These include maintenance, administration, utilities, insurance and replacement for reserves. This leaves net operating income.

Net operating income is then divided by the capitalization rate to equal market value. Two important concepts to understand are the use of market versus contract rent and allowable expenses. Market rent is that which would currently maximize the investors return for a given type of property given current (January 1, 2023) conditions. This means that in some cases the market rent used for the appraisal is in excess of the actual contract rent. The reason for this is that an injudicious lessor may not be maximizing his return. This lowers his net income and therefore lowers the final estimate of value. His neighbor who is charging market on an exact same type of property will have a higher net and therefore be assessed at a higher level. Deducting more than allowable expenses have the same effect since it lowers the net operating income.

To prevent any inequities arising from either non-market rents or claims of excessive expenses, economic rents and standard industry expense ratios will be applied.

The courts have recognized this potential problem and addressed it. In Re Greensboro Office Partnership, 72 NC APP. 635, 325 S.E. 2D 24, Cert Denied, 313 NC 602, 330 S.E.2D 610 (1985) the North Carolina Appellate Court stated: "Section 105-317(A) in fixing the guide which assessors must use in valuing property for taxes, includes as a factor the past income, and its probable future income. But the income referred to is not necessarily actual income. The language is sufficient to include the income which could be obtained by the proper and efficient use of the property. To hold otherwise would penalize the competent and diligent and to reward the incompetent or indolent." This provides the rationale for using market rents and a certain level of allowable expenses.

The last step is the choice of a capitalization rate. Direct capitalization rates may be used from data collected from the market. Care must be used so that if the rate is market extracted it is applied to similar properties. A list of overall rates derived from valid sales will if not directly applied be used as benchmarks to check the reasonableness of rates developed through other techniques. Yield capitalization and discounted cash flow (DCF) are based on expectations of changes in the income stream, appreciation, depreciation of the property, and expenses. Income capitalization rates will not be limited to any particular method since with proper application they will yield similar results. All elements of build-up methods (e.g. band-of-investment) must be supported by market data. Proper documentation of income and expenses should include three years of income tax returns for the subject or audited statements by a CPA using the Generally Accepted Accounting Principles (GAAP). Other forms such as income statements, leases, etc. are acceptable if enough supporting documentation is presented as a supplement to a single years return.

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MANUALS AND PUBLICATIONS

To develop, support, and supplement the valuation of real property, nationally recognized cost manuals and publications have been used in the development of the Schedule of Values. Two of the most recognizable cost manuals that were referred to are Marshall Valuation Service, Marshall and Swift Residential Cost Handbook.

GOVERNMENTAL RESOURCES

The Use-Value Advisory Board (UVAB) submits a Use Value Procedures Manual annually to the Department of Revenue. The creation of the UVAB, as well as guidelines for the development of the manual, are authorized and set forth in the General Statutes of North Carolina. The contents of the manual reflect the combined judgment and effort of many professionals in the North Carolina Cooperative Extension Service and cooperating Federal and State agencies. This manual is provided to each County for inclusion in their statutorily required octennial revaluation. Although considered a part of the Schedule of Values, the Present Use Value Manual will be submitted for approval under a separate cover.

Personnel at the Property Tax Division, Department of Revenue, and Institute of Government were consulted on several occasions concerning a variety of questions. Their involvement was solicited based on their knowledge and expertise in the revaluation process.

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LAND VALUATION PROCESS

Overview[1]
Accurate land Values are crucial to an effective assessment system.

Physically, land may be defined as the surface of the earth together with everything beneath and above. The shape of a parcel is like a three dimensional pyramid, with its apex at the center of the earth, extending upward through the surface into space. Land ownership is the collection of rights to enjoy, use, and dispose of this physical space, subject to the limitations imposed by government. The assessor first identifies, lists, and values all land and improvements thereto. This task requires the use of cadastral maps showing boundaries and other features. Second an accurate inventory of land data, including location, ownership, classification and use, size, shape, and physical characteristics. The assessor analyzes the local market and estimates the assessed value.

There are several methods that can be used to extract and arrive at an assessment. These are:

a. Sales Comparison
b. Abstraction
c. Allocation
d. Anticipated Use
e. Capitalization of Ground Rents
f. Land Residual Capitalization

Sales Comparison

The sales comparison approach uses analysis of recent comparable sales to value subject properties. The sales comparison approach is used to estimate property at its "fair market value". The best technique for the valuation of property is abstracting data from actual sales and applying the results to unsold properties. The general formula for the market is:

MV= S +/- A.

Where MV is market value, S is the sales of comparable property, and A is the amount of adjustments.

The sales comparison approach models the behavior of the market by comparing the properties being appraised (subjects) with similar properties that have recently sold (comparable properties). Comparable properties are selected for similarity to the subject property. The sales are then adjusted for their differences from the subject. Finally, a market value for the subject is estimated from the adjusted sales prices of the comparable properties.

There are two principle applications of the sales comparison approach in land valuation.
The first is the comparative unit method and secondly the base lot method.

1. The appraiser uses the comparative unit method after a determination of the average or typical unit value. The average value is found by calculating the median or mean sale price per unit.

2. The appraiser uses the base lot method after a base parcel is selected to represent the stratum from a neighborhood sales file. Once the base lot is selected it is used as a benchmark to establish values for individual parcels for that neighborhood.

Land values are derived primarily by the sales comparison method. It is therefore important that certain factors, which are listed in N.C.G. S. 105-317(a)(1), be accurately shown and considered in accordance with G.S. 105-317(b)(3).

Abstraction Method

In the Abstraction Method we use the ability to subtract the depreciated replacement cost new of the improvement value from the sales price to arrive at the residual land value estimate. These calculated land values supplement the land value database. Sales with newer improvement make it easier to estimate depreciation, which in turn gives a better land value estimate. When using the abstraction method ensure that the correct comparative unit is used. Taking the time to convert the land value estimates to a comparative unit value will enhance uniformity and consistency among parcels in the market.

Allocation

The Allocation Method is also known as the land ratio method. In theory for a given type of property there tends to be a consistent overall relationship between land and improvement values. With this relationship an appraiser can seek comparable areas with sufficient land sales, determine the typical ratio to sales of improved parcels in the subject area. The abstraction method is useful primarily in older established neighborhoods with few vacant land sales. This method can be useful if applied with care and validated to ensure that calculated land and improvement value estimates are consistent with available sale price data.

Anticipated Use or Cost of Development Method

In the absence of sufficient sales the Anticipation use method can that can be used to develop a land value for a property. This method is not the preferred method but can project a value based on the principle that the projected improvement must represent the highest and best use of the land. The results based on the principle of surplus productivity, indicates that the price a developer will pay for land in its present undeveloped state and by subtracting the total development cost from the projected sales price of the lots as if developed. The appraiser can calculate the residual land value after the satisfaction of labor, capital, and management has been met.

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CAPITALIZATION OF LAND

When studying Income property, or the ability for a parcel to generate income, all properties have one common appraisal characteristic: the capitalization of income generated by land is an important indication of value. Their value is based on the quantity, quality, and durability of their estimated net income before debt and after expenses is deducted. To arrive at a value for a property based on income some methods can be used.

Capitalization of Ground Rents

Capitalization of ground rents is used best when land rented or leased independently of improvements. This method can be used with farmland or commercial land that is leased on a net basis, where lessee is responsible for property taxes and all other expenses. This is best achieved if the lease is new are current for market conditions.

Land Residual Capitalization

When you apply this method it is important to understand several things. One that this method assumes that the parcel of land has an improvement on it and that the improvement is relatively new and that it represents the highest and best use of the property. Plus the improvement has no depreciation. This method also requires some other information.

1. A net operating income
2. A building value
3. A proper discount rate
4. A recapture rate
5. And an effective tax rate

UNITS OF COMPARISON

When valuing land a standard unit of comparison is needed to establish an average or typical value for an area or neighborhood. The use of market analysis is used to arrive at a standard by calculating the median or mean of an area or neighborhood. There are several different units of comparison. Each different type of comparison can be used for different property classes. There are typically five different unit types.

a. Lot or Site
b. Site / Units Buildable
c. Acre
d. Square foot
e. Front foot

a. Lot or Site

Lot or site value may be used when the market does not indicate a difference in land size. This is typically used in residential subdivisions that are planned or developed in such a way that there is some degree of uniformity to the neighborhood.

b. Site or Units Buildable

When a parcel of land sells on a unit basis, for example an apartment complex, this method of comparison can be used. Apartment property is typically sold as a unit and as such, the unit of comparison would be buildable units.

c. Acre

In general, when the market analysis shows that tracts of land sells for a per acre rate then this unit of comparison is used. Typically, rural tracts of land and industrial property use this type of comparison since they are sold commonly in larger portions.

d. Square Foot

This type of comparison is used mostly for commercial property. Since this type of property sells on a square foot basis.

e. Front Foot

A front foot unit of comparison may be used when a property value indicates that the amount of exposure significantly contributes to value. This type of comparison is used typically when a parcel is more desirable and value based on how much frontal exposure there maybe. Some examples are commercial and even water front residential property.

In addition to the selection of a method and unit of comparison, analysis of the neighborhood itself must occur. Neighborhood analysis reflects the effect of social, environmental, economic and governmental forces that directly affect the properties within a neighborhood. Neighborhood delineation is a key component in this endeavor. Neighborhood delineation is the analysis of the geographic influences and economic forces that contribute or change value. A neighborhood for analytical purposes is defined as the largest geographic grouping of properties where the significant economic forces exerted on the properties are generally uniform. Neighborhoods can be defined by

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natural, man-made, or political boundaries and are established by a commonality based on land uses, types and age of buildings, population, and the desire for homogeneity. Each neighborhood may be characterized as being in a stage of growth, stability or decline. The growth period is the time of development and construction. In the period of stability, or equilibrium, the forces of supply and demand are relatively equal. The period of decline reflects diminishing demand or desirability. During decline, general property use may change. Declining neighborhoods may become economically desirable again and experience renewal, reorganization, rebuilding, or restoration, marked by modernization and increasing demand. The appraiser must analyze whether a particular neighborhood is in a period of growth, stability or decline and predict changes that will affect future use and value.

(1) Source: Property Assessment Valuation, second edition International Association of Assessing Officers, Copyright 1996 130 East Randolph St. Suite 850, Chicago, Illinois 60601.

VALUATION OF SUBDIVIDED LANDS

Brunswick County will value all subdivided land, considering but not limited to location, access, topography, presence or absence of infrastructure and market demand within the subdivision. Utilizing this approach will allow all subdivided land to be valued in accordance with the General Statutes of the State of North Carolina.

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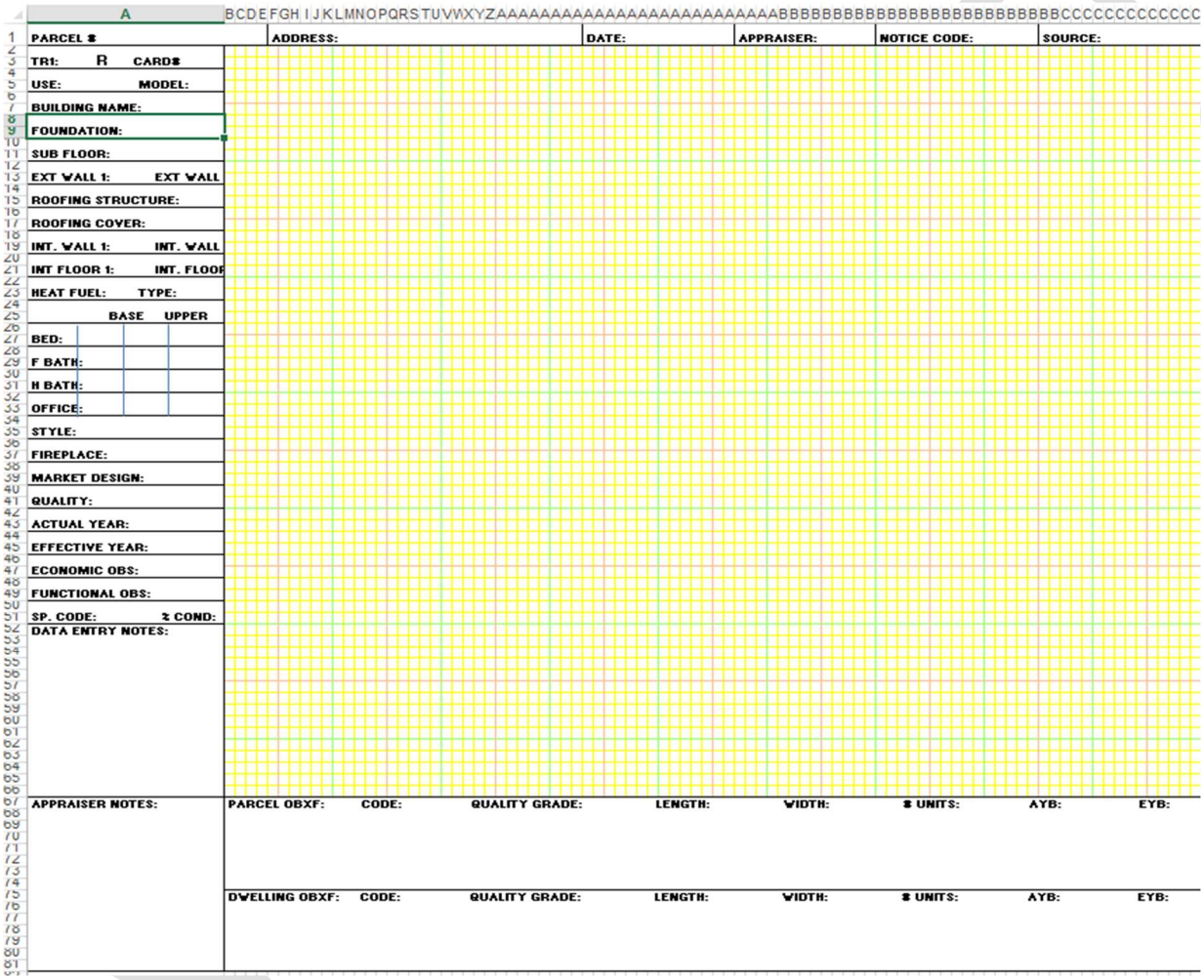
INSTRUMENT CODING

INTRODUCTION

The proper use of this instrument is not difficult. It does, however, require attention to conformity and standardization of recording results. The field data card will allow us to identify those physical characteristics, which, when properly evaluated, will predict the fair market value of that parcel.



INSTRUCTIONS FOR COMPLETING THE FIELD DATA COLLECTION INSTRUMENT

APPRAISED DATE

[ ]

The appraisal date is a required field. If it is filled in to indicate the day the property was actually appraised.

VISITED DATE

[ ]

The visited date is recorded only if the property was actually physically visited.

REVIEW DATE

[ ]

The review date is recorded when the property has been reviewed by a certified appraiser or when an oblique imagery review has been performed.

APPRAISED BY
VISITED BY
REVIEWED BY

AP #
[ ]

This is the code for the appraiser that performed the described function. This is a required two digit numeric field.

NEW NOTICE

NN
[ ]

The New Notice code is used by the appraiser to explain a change in the assessed value of a particular parcel of property. This may be blank or numeric 01-99.

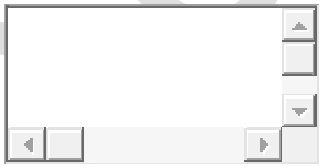
SOURCE CODE (Source of Information)
SOURCE
[ ]
This is a one digit numeric field. This code is used to show what assistance was used to determine the value of the property. Some example of these codes are:

1 Owner	4 Inspection	7 Manager
2 Tenant	5 Estimated	8 Prior Contact
3 Agent	6 Contractor	9 Refused Information

IMPROVEMENT CODES
USE MODEL
[ ] [ ]
This is one of the most important fields on the entire card as it both identifies the use of the improvement on the land as well as the appropriate mathematical model to be used in the valuation of the structure. It is a REQUIRED ENTRY and must match a set of validated entries for acceptance. The number is a four digit entry composed of the following two fields - use and model.

BUILDING NAME
[ ]
This is a free form field to be used for the BUILDING NAME or Identification. This is an optional field.

Card Notes:



Only particularly relevant data relating to the parcel is to be entered here.

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Building Notes:

Only particularly relevant data related to a particular building is to be entered here.

PROPERTY ADDRESS

The property address is a 40 character alpha-numeric field that is treated as notes, i.e. it is not edited into the system. It is not mandatory that it be completed. A typical use for this is to help in locating the parcel on subsequent field trips so the address should have meaning in this regard.

House #: **Unit #:** **Direction:** **Street Name:**

Type: **Suffix:** **Municipality:**

The street type (TY) is edited for consistency.

SALES DATA

SALES DATA						
OFF. RECORD						
DEED BOOK	DEED PAGE	DEED DATE	DEED TYPE	Qualified	Improved	SALES PRICE
01489	0166	1995	WD	Q	V	7000

Market sales represent the key to this appraisal system in that all the analysis and adjustments made in the system interact in some way with the market behavior of certain parcels. Each sale should have been thoroughly screened and the status of the parcel (i.e. vacant or improved) at the time of sale noted. This section allows all relevant sales data to be assembled.

There are NO OPTIONAL FIELDS, all fields must be marked.
DEED BOOK – D-BK [ ] The Deed Book may be alpha or numeric.

DEED PAGE – D-PG [ ] Official records page may be alpha or numeric.

DEED DATE - Must be a valid month, day and year for date of sale and date recorded.

DEED TYPE – IN [ ] (Not required).

QUALIFIED
Q = Qualified (arm's length transaction)
U = Unqualified sale (not a valid market sale)

IMPROVED
V = Vacant. The sale was for an unimproved parcel at time of sale.
I = Improved. The sale was for an improved parcel at time of sale

SALES PRICE - Record the sales price to the nearest dollar as recorded in the Register of Deeds. Do not use punctuation.
*The system ranks sales internally with the most recent qualified sale appearing first with the remainder ranked in chronological order followed by disqualified sales ranked in chronological order starting with the most recent. Therefore, new sales data is entered and subsequently ranked in the proper order by the System.

LAND LINE DATA
Completion of the land coding is not difficult. It does, however, present more possibilities for combinations than do other

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sections of the form due to the OTHER ADJUSTMENTS which may be free form coded for each land use.

USE CODE-A four digit numeric use code is always required.

LOCAL ZONING
It is a required field and alpha and numeric codes can be used.

FRONTAGE AND DEPTH
Frontage is defined as the number of feet of the land located on the most desirable feature or road. Frontage and depth are used to calculate land value when used with models 1, 2, 3, and 4. When pricing using Land Model 0 both Frontage and Depth are normally entered as information. If lot dimensions are not known, then these fields may be left blank when using Land Model 0.

DE/FA (Depth or Size Factor)
The factor for depth or size is calculated from computerized depth or size tables. If no depth or size factor is used the system defaults to 1.00 for this factor.

LAND MODEL
Land model codes 1-4 internally adjust to frontage and depth. Model 4 works only when the land unit type is "AC". The field must not be left blank, if depth table is not used, zero fill. Land Model 5 is used for Present Use Value, and the Condo Model Code 9 works for Condominiums.

CONDITION FACTOR
This factor may be entered and is a decimal fraction of the form. The condition factor times the depth/size factor times the unit price will give the total adjusted unit price. This calculation is done internally by the system and is not shown on the collection instrument. It is then applied to the number of units to determine land value.

OTHER ADJUSTMENTS AND NOTES
This area is handled in one of two ways depending on the land model and code. When Land Model 4 is used, a plus or minus percent is automatically assigned for RF (road frontage) and AC (access), depending on the RT (road type). The LC (location), TO (topography), and OT (other) are manually done by property type, and may be added or removed. Additional notes may be added in the Additional Notes Field.

LAND UNIT PRICE
When using land model code 5, this field is table driven, except for home sites. This is the UNADJUSTED UNIT PRICE from where value is calculated. Use code 9010 (no land ownership) is not adjustable.

NUMBER OF UNITS
This entry is always required and is the basis upon which value is extended such as the total number of acres, square footage, front feet, lots or units.

UNIT TYPE
The appropriate unit type must always be entered. The appropriate codes for unit type are: AC (acres), LT (lot), FF (front feet), SF (square feet) or UT (unit).

AD (LAND) NOTES
Used for additional information pertaining to the land.

OTHER BUILDINGS/EXTRA FEATURES (OB/XF)
These types of building and structures are handled in a separate calculation based on number of units, percent condition, and unit price used with the cost tables. Such items as boat houses, docks, pools, garages and other items of major value must be recorded to properly value the parcel.

Examples of items commonly handled in this manner include:
OTHER BUILDINGS:

Carports	Sheds	Horse Stables
Garages	Utility Buildings	Poultry Houses
Barns	Farm Buildings	Green Houses
Gazebos		

EXTRA FEATURES:

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Paving	Yard Lights	Tennis Courts
Boat Ramps	Pools	Docks
Fences	Weigh Scales	Silos

Elevators, Escalators, Sprinkler Systems, Bank Features, and Refrigerated Coolers should be listed on the Building Page.

CODE: You may place an appropriate code in this field.

GRADE You may place an appropriate grade in this field and the computer will automatically fill in the unit price.

DESCRIPTION: The description is an auto fill area based on Code keyed.

LENGTH: If available, this data should be filled in.

WIDTH: If available, this data should be filled in.

OB/XF UNITS: Enter the length and width of the extra feature or outbuilding, and it automatically calculates the total units. If length and width are entered in addition to the total number of units, the system will ONLY use the total number of units keyed in.

OB/XF UNIT PRICE: The per unit price by which the Other Building or Extra Feature is valued will be entered here from the tables in Principles and Essentials Section.

% COND: Enter the percent condition of the extra feature when it is listed.

YR.BLT: Year Built, Actual, Effective. For Actual year built, enter the year the item was initially built. Effective year built indicates the year from which depreciation will be based, and is always equal to or greater than Actual Year Built.

%DEP OVR A depreciation rate entered here will override the standard rate used for the OBXF Code.

DEP.RATE: An ANNUAL depreciation rate for each item. These are table driven.

OVR VALUE Override Value. Instead of using the pricing schedules you may place a value on the OB/XF by entering the desired price in the OB/XF OVR VALUE field.

TR1 Use this field to define how this value will be counted on the TR1 Report, such as C for Commercial, R for Residential, and I for Industrial.

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STRUCTURAL ELEMENTS

This section covers the structural characteristics which are recorded by the appraiser. Because the data applicable to commercial and industrial buildings is not necessary for the single family residence, it is contained on another part of the card. For all buildings other than those covered by "Extra Features and Other Buildings", the indicated portion of the form must be filled out. Other data which is not in the valuation model is input only when needed for the valuation model used. Bedrooms and Bathrooms are actual numbers; no code is used.

Structural Elements

Foundation		Roofing Structure		Interior Flooring		Quality Grade	
1	Piers	01	Flat	01	None	1	Minimum
2	Piers > 8ft.	02	Shed	02	Minimum, Plywood, Linoleum	2	Fair
3	Piers > 8ft. w/ Concrete	03	Gable	03	Concrete Finished	3	Average
4	Continuous Footing/ Crawl	04	Hip	04	Concrete Coated	4	Above Average
5	Spread Footing	05	Mansard	05	Asphalt Tile	5	Custom
6	Special Footing	06	Gambrel	06	Cork	6	Excellent
7	None	07	Irregular Ceiling	07	Rubber		
		08	Wood Truss	08	Vinyl	Style	
Sub Floor System		09	Rigid Frame w/ Bar Joist	09	Pine or Soft Woods	1	1.0 Story
1	None	10	Steel Frame or Truss	10	Terrazzo	2	1.5 Story
2	Slab on Grade	11	Bowstring Truss	11	Ceramic Tile	3	2.0 Story
3	Slab Above Grade	12	Reinforced Concrete	12	Hardwood	4	2.5 Story
4	Plywood/ Particle Board	13	Prestress Concrete	13	Parquet	5	3.0 Stories or More
5	Wood			14	Carpet	6	A-Frame
6	Platform Hgt	Roofing Cover		15	Hard Tile	7	Split Level
7	Structural Slab	01	Min. Roofing	16	Seamless	8	Split Foyer
		02	Rolled Composition	17	Precast Concrete	9	Log
Exterior Walls		03	Asphalt or Composition Shingle	18	Slate		
01	Siding Minimum	04	Built Up Tar and Gravel	19	Marble	Fireplace	
02	Corrugated Metal (Light)	05	Rubber	20	Laminate	1	None
03	Composition or Wall Board	06	Architectural Shingle	21	Bamboo	2	1 Story Single
04	Single Siding (No Sheathing)	07	Fiberglass Tile			3	2 Story Single/ 1 Double
05	Asbestos Shingle	08	Clay Tile	Heating Fuel		4	2 or More
06	Board & Batten, on Plywood	09	Enamel Metal Shingle	1	None	5	Massive > 6ft.
07	Corrugated Asbestos	10	Cedar Shingle	2	Oil, Wood, or Coal	6	>2 Massive
08	Masonite on Sheathing	11	Slate/ Copper	3	Gas	7	Prefab
09	Wood On Sheathing or Plywood	12	Pre-Finished Metal	4	Electric	8	Prefab >2
10	Aluminum/ Vinyl Siding	13	Metal Standing Seam	5	Solar		
11	Concrete Block	14	Concrete Form			Market and Construction	
12	Stucco on Concrete Block			Heating Type		1	
13	Stucco on Tile or Wood Frame	Interior Walls		01	None	2	
14	Log	1	Masonry or Minimum	02	Baseboard Heat	3	
15	Board & Batten	2	Wall Board Or Wood Wall	03	Forced Air - Not Ducted	4	
16	Wood/ Vinyl Siding	3	Plastered	04	Forced Air - Ducted	5	
17	Cedar or Redwood Siding	4	Plywood Panel	05	Hot Water	6	
18	Siding Maximum	5	Drywall Sheetrock	06	Steam	7	
19	Hardi Plank	6	Custom Interior	07	Radiant - Electric	8	
20	Common Brick	7	>8 foot Ceiling	08	Radiant - Water	9	
21	Face Brick			09	Heat Pump	10	
22	Stone			10	Space Heater	11	
23	Corrugated Metal (Heavy)					12	
24	Modular Metal			Air Conditioning		13	
25	Reinforced Concrete			1	None	14	
26	Precast Panel			2	Wall Unit	15	
27	Pre-Finished Metal			3	Central	16	
28	Glass/ Thermopane			4	Packaged Roof Top	17	
29	Architectural Block			5	Chilled Water	18	

FOUNDATION

Foundation		
1		Piers
2		Piers > 8 ft.
3		Piers > 8 ft. With Concrete
4		Concrete Footing / Crawl
5		Spread Footing
6		Special Footing
7		None

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Foundation codes 1-4 are generally for residential type construction, while 5 & 6 describe commercial construction. Generally wall height and type roof determine the thickness of the foundation

SUB FLOOR SYSTEM

Sub Floor System		
1		None
2		Slab on Grade
3		Slab Above Grade
4		Plywood / Particle Board
5		Wood
6		Platform Hgt
7		Structural Slab

Residential construction generally has codes 1-5 while commercial construction is generally coded 2, 3, 6 & 7.

EXTERIOR WALLS

Exterior Walls		
01		Siding Minimum
02		Corrugated Metal (light)
03		Composition or Wall Board
04		Single Siding (No Sheathing)
05		Asbestos Shingle
06		Board & Batten, on Plywood w/
07		Corrugated Asbestos
08		Masonite on Sheathing
09		Wood on Sheathing or Plywood
10		Aluminum / Vinyl Siding
11		Concrete Block
12		Stucco on Concrete Block
13		Stucco on Tile or Wood Frame
14		Log
15		Board & Batten
16		Wood / Vinyl Shingle
17		Cedar or Redwood Siding
18		Siding Maximum
19		Hardi Plank
20		Common Brick
21		Face Brick
22		Stone
23		Corrugated Metal (Heavy)
24		Modular Metal
25		Reinforced Concrete
26		Precast Panel
27		Pre-finished Metal
28		Glass / Thermopane
29		Architectural Block

ONE or TWO exterior wall types may be entered in the appropriate spaces. Whenever possible mark only one exterior wall; however, when the structure does have relatively large areas of two distinct types of exterior walls, then mark as appropriate. Codes 01 - 22 are generally residential while all codes are used for commercial.

ROOF STRUCTURE AND ROOF COVER

Roofing Structure		
01		Flat
02		Shed
03		Gable
04		Hip
05		Mansard
06		Gambrel
07		Irregular Ceiling
08		Wood Truss
09		Rigid Frame w/ Bar Joist
10		Steel Frame or Truss
11		Bowstring Truss
12		Reinforced Concrete
13		Prestress Concrete

Roofing Cover		
01		Min. Roofing (Corr. or Sheet Me
02		Rolled Composition
03		Asphalt or Composition Shingle
04		Built Up Tar and Gravel
05		Rubber
06		Architectural Shingle
07		Fiberglass Tile
08		Clay Tile
09		Enamel Metal Shingle
10		Cedar Shingle
11		Slate / Copper
12		Modular Metal
13		Metal Standing Seam
14		Concrete Form

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One roof structure must be picked which best corresponds to the observed roof structure. Residential codes are usually 1 to 6 while commercial are usually coded 7 to 13. One roof cover must be picked which is the predominant roof cover.

INTERIOR WALL CONSTRUCTION

Interior Walls		
1		Masonry or Minimum
2		Wall Board or Wood Wall
3		Plastered
4		Plywood Panel
5		Drywall Sheetrock
6		Custom Interior
7		> 8 Foot Ceiling

One or two items may be entered. If the interior of the structure has a large proportion of two distinct wall types (this commonly would occur when you have a paneled wall and drywall), both would be marked.

INTERIOR FLOORING

Interior Flooring		
01		None
02		Minimum, Plywood, Linoleum
03		Concrete Finished
04		Concrete Coated
05		Asphalt Tile
06		Cork
07		Rubber
08		Sheet Vinyl
09		Pine or Soft Woods
10		Terrazzo
11		Ceramic Tile
12		Hardwood
13		Parquet
14		Carpet
15		Hard Tile
16		Seamless
17		Precast Concrete
18		Slate
19		Marble
20		Laminate
21		Bamboo

Observe the predominant floor type of the structure. One or two items may be entered. If the interior flooring of the structure has a large proportion of two flooring types (e.g. vinyl and hardwood), then both would be marked.

HEATING FUEL, HEATING TYPE AND AIR CONDITIONING TYPE

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Heating Fuel		
1		None
2		Oil, Wood or Coal
3		Gas
4		Electric
5		Solar

Heating Type		
01		None
02		Baseboard Heat
03		Forced Air - Not Ducted
04		Forced Air - Ducted
05		Hot Water
06		Steam
07		Radiant - Electric
08		Radiant - Water
09		Heat Pump
10		Space Heater

Air Conditioning Type		
1		None
2		Wall Unit
3		Central
4		Packaged Roof Top
5		Chilled Water

These three elements are to be entered to indicate the method and fuels used to heat or cool a structure. Only one element may be entered under each category but one must be entered. Observation and a few simple questions will enable you to be very accurate in obtaining this data.

BEDROOMS AND BATHS - RESIDENTIAL

Bedroom-Baths Residential			
Location	BAS	FUS	LL
Bedroom			
Baths			
1/2 Baths			

For a single family residential, the total number of bedrooms, baths, and half baths should be entered per floor. Actual number of units is recorded.

COMMERCIAL PLUMBING

Commercial Plumbing			
Restrooms			
Total Fix.			

Enter the total number of restrooms per building. Enter the total number of fixtures per building.

STYLE OF DWELLING

Style		
1		1.0 Story
2		1.5 Stories
3		2.0 Stories
4		2.5 Stories
5		3.0 Stores or More
6		A-Frame
7		Split Level
8		Split Foyer
9		Log

Enter the appropriate code for the number of stories for single family properties.

FIREPLACES

SUBMITTED

Fireplace		
1		None
2		1 Story Single
3		2 Story Single / 1 Double
4		2 or more
5		Massive > 6 ft.
6		> 2 Massive
7		Prefab
8		Prefab > 2

Enter the appropriate code for the number of fireplaces for single family properties. Massive generally refers to those fireplaces with components such as extra-large hearths, extra-large fireplaces, decorative stone, ornamentation, and trim, etc.

MARKET FACTOR: Factors 1 through 25 adjust the neighborhood to market conditions.

CONSTRUCTION FACTOR: Factors 1 through 18 adjust the neighborhood to construction conditions.

QUALITY ADJUSTMENT

Quality Grade	
1	Minimum
2	Fair
3	Average
4	Above Average
5	Excellent
6	Superior

This entry must be made and must be one of the allowable codes.

DEPRECIATION

Act. YR Built	
Eff. YR Built	
Economic Obs.	
Functional Obs.	

Actual Year Built: MUST be entered and must reflect the original year of construction.

Effective Year Built: MUST be entered and should reflect any modernization or refurbishing done to extend the useful life of the original structure beyond its normal life span.

Economic Obsolescence: If it exists it should be entered as a percentage amount to be added to normal physical depreciation.

Functional Obsolescence: If it exists it should be entered as a percentage amount to be added to normal physical depreciation.

UNUSUAL DEPRECIATION (Special Condition Codes, Percent Condition)

Spcl Condition Code	
Percent Condition	

These entries allow the user to indicate special conditions such as fire or weather damage or where the dwelling has not been normally maintained.

There are three Special Condition Codes which may be entered if applicable. Otherwise, they should be left BLANK.

UC = Under Construction*
PD = Physically Damaged*
AP = Abnormal Physical Depreciation
*UC and PD will over ride Normal Depreciation

SUBMITTED

PERCENT CONDITION must be used if one of these codes (UC, PD, AP,) is used. PERCENT CONDITION is that percent good after you apply UC or PD. PERCENT CONDITION is added to normal depreciation if you use code AP. NOTE: To use the Percent Condition one of the Special Condition Codes MUST BE USED. Also, care must be taken in the use of these codes as they will override the depreciation developed from the normal depreciation, economic obsolescence and functional obsolescence. AP should be entered as a percentage amount to be added to normal depreciation. When using Under Construction (UC) or Physical Damage (PD), remember, that if you assign 60% for either of these codes and the dwelling is 70 years old and should really be 30% good, it will change it to 60% good because these codes override any normal physical, functional or economic depreciation.

CONDO AND COMMERCIAL
For Condo Model see pages 51-54 in Principles and Essentials

FLOOR NUMBER

Floor Number	

When used with the 03 model this is the floor number on which the unit is located. When used with all other models, this is the number of floors in the building. Enter 01 - 99.

LOCATION (See pages 51-54 in sec Principles and Essentials)

NUMBER OF UNITS

Total Units/Bldg	

This is the total number of units in the building. Enter 001 - 099.

STRUCTURAL FRAME

Structural Frame		
1		Pre Fabricated
2		Wood Frame
3		Masonary
4		Reinforced Concrete
5		Steel
6		Fireproof Steel
7		Special

For commercial models this item MUST be completed.

CEILING AND INSULATION

Ceiling & Insulation		
Suspended		
01		Ceiling Insulated
02		Wall Insulated
03		Ceiling & Wall Insulated
04		No Insulation
Not Suspended		
05		Ceiling Insulated
06		Wall Insulated
07		Ceiling & Wall Insulated
08		No Insulation
No Ceiling		
09		Roof Insulated
10		Wall Insulated
11		Roof & Wall Insulated
12		No Insulation

Mark one of the entries which best describes the ceiling insulation. First find the applicable category of ceiling (Suspended Ceiling, Not Suspended, or No Ceiling) and then mark the appropriate type of insulation within that category. If there is no ceiling and no insulation the field should be zero filled.

AVERAGE NUMBER OF ROOMS PER FLOOR (Used in Model #4 only)

UBMITTED

Avg # Rooms/Floor	

Enter 001 - 999. When the property has numerous floors, it is too time consuming to determine the total number of rooms for the entire structure. Therefore, investigate one or two stories to develop the approximate average. It would be advisable to check floors above the base floor as it usually contains a greater percentage of open area than the remainder of the floors. This field cannot be zero filled.

NONSTANDARD WALL HEIGHT

Non-Std Wall Height	

The height of the first floor wall should be entered to the closest foot. The program will determine if it is non-standard and mark appropriate adjustments. If the field is zero filled, the standard height for the particular model will be assumed.

APPRAISAL SYSTEM OVERRIDE CONTROL OR DIRECTED VALUE

There are a few instances in which the nature of a parcel is so unique that none of the seven valuation models can be applied to give the desired results. For example, such things as an imported Spanish castle or a moon rocket assembly building cannot be readily handled by the regular methods.

Therefore, the appraiser has been given the ability to override the system and make the value adjustment necessary to achieve the proper appraisal on a specific parcel. The property appraiser should utilize the system override only after careful consideration of the subject and the capabilities of the various models.

Disclaimer: Cosmetic changes may occur on the screen shots due to changes in name, address, etc., in order to maintain system accuracy.

No Schedule of Value changes will result from these changes.

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PRINCIPLES & ESSENTIALS OF UNIFORM PROPERTY

VALUATION AND ASSESSMENT

This manual represents the guidelines that will ensure the uniform, consistent, accurate and efficient valuation of all property within Brunswick County. The appraiser's experience and expertise in applying the guidelines within this manual, as well as their personal judgment, will add to the overall quality and accuracy of the work.

The replacement cost of dwellings and outbuildings is the starting point of most appraisals. General construction specifications vary widely with the quality of materials and workmanship. Therefore, the guidelines in this manual are designed to enable the appraiser to distinguish between variations in replacement costs.

Included in the manual are depth factor charts, residential pricing examples, and rural land pricing charts. These guidelines, when applied properly, will ensure a fair and uniform valuation of property.

Ultimately the Uniform Appraisal Standards as set forth in the North Carolina General Statute 105-283 will be the standard upon which "true value" is based. It states:

"All property, real and personal, shall as far as practicable be appraised or valued at its true value in money. When used in this subchapter, the words "true value" shall be interpreted as meaning market value, that is, the price estimated in terms of money at which the property would change hands between a willing and financially able buyer and a willing seller, neither being under any compulsion to buy or to sell and both having reasonable knowledge of all the uses to which the property is adapted and for which it is capable of being used. For the purposes of this section, the acquisition of an interest in land by an entity having the power of eminent domain with respect to the interest acquired shall not be considered competent evidence of the true value in money of comparable land."

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VALUATION MODELS

The following valuation models are the mathematical expressions of value used in determining estimated market value. The quality factors and formulas for determining the index values of each are shown. All fields shown require an entry even though the entry may be zero.

USE	MODEL	DESCRIPTION	BASE RATE
01	01	SINGLE FAMILY RESIDENTIAL	120.00
02	02	MANUFACTURED HOME-DOUBLE WIDE	80.00
03	02	SINGLE WIDE AS REAL PROPERTY	80.00
04	03	CONDOMINIUM	100.00
05	01	PATIO HOME	120.00
06	01	CONDOMINIUM BEACH	170.00
07	01	SINGLE FAMILY BEACH	200.00
08	01	MODULAR	110.00
09	01	TOWNHOME	118.00
10	07	COMMERCIAL RETAIL	124.00
11	07	CONVENIENCE STORE	137.00
12	07	CAR WASH	87.00
12A	07	CAR WASH-AUTOMATIC	143.00
12D	07	CAR WASH-DRIVE THRU	110.00
13	07	STRIP RETAIL NO ANCHOR	124.00
14	07	BIG BOX	76.00
15	07	SHOPPING CENTER-MALL	121.00
16	07	SHOPPING CENTER-STRIP W/ANCHOR	111.00
17	04	OFFICE	148.00
18	04	OFFICE HIGH RISE >4FLOORS	149.00
19	04	MEDICAL OFFICE	204.00
20	03	MEDICAL OFFICE CONDO	153.00
21	07	RESTAURANT/CAFETERIA	193.00
22	07	FAST FOOD FRANCHISE	205.00
23	04	BANK	214.00
24	03	COMMERCIAL OFFICE CONDO	112.00
25	07	COMMERCIAL SERVICE SHOP	71.00
26	07	FRANCHISE AUTO SERVICE (LUBE EXPRESS)	97.00
27	07	AUTO PARTS	92.00
28	04	AUTO SHOWROOM	128.00
29	06	MINI WAREHOUSE	46.00
30	04	LABORATORY	212.00
31	04	CHILD CARE CENTER	158.00
32	07	THEATRE	144.00
33	07	NIGHT CLUB, BAR, ETC.	128.00
34	07	BOWLING ALLEY	110.00
35	07	LAUNDROMAT/DRY CLEANERS	109.00
36	04	VETERINARIAN OFFICE	174.00
37	05	HOTEL/MOTEL 4 FLOORS OR MORE	174.00
38	07	FURNITURE STORE	81.00
39	05	HOTEL/MOTEL 3 FLOORS OR LESS	137.00
40	06	INDUSTRIAL	92.00
41	06	LIGHT MANUFACTURING	66.00
42	06	HEAVY MANUFACTURING	153.00
43	07	BUILDING SUPPLY	46.00
44	06	PACKING PLANT	96.00
45	04	RADIO/TV STATION	128.00
46	06	FOOD PROCESSING PLANT	97.00
47	03	WAREHOUSE CONDO	56.00
48	06	WAREHOUSE	56.00
49	06	STEEL FRAME WAREHOUSE	82.00

UNITED

USE	MODEL	DESCRIPTION	BASE RATE
50	00	RESERVED FOR FUTURE USE	XXXX
51	04	POST OFFICE	179.00
52	00	RESERVED FOR FUTURE USE	XXXX
53	06	FLEX WAREHOUSE/OFFICE	66.00
54	00	SINGLE WIDE MH, PERSONAL	XXXX
55	00	MOBILE HOME PARK, PERSONAL	XXXX
56	04	MODULAR OFFICE	81.00
57	07	DRUG STORE	161.00
58	05	SUBSIDIZED HOUSING	124.00
59	00	MISC. COMMERCIAL BLDG FIRE FEE ONLY	XXXX
60	05	GARDEN APARTMENT	174.00
61	05	TOWNHOUSE APARTMENT	99.00
62	05	DUPLEX/TRIPLEX	97.00
63	05	HIGH RISE APARTMENT>3 FLOORS	160.00
64	05	DUPLEX BEACH	190.00
64T	01	TOWNHOME BEACH	160.00
66	07'	CONVIENCE/FAST FOOD	186.00
67	01	HISTORICAL HOME	175.00
68	04	OFFICE BHI	300.00
69	07	COMMERCIAL BHI	275.00
70	04	INSTITUTIONAL	145.00
71	07	CHURCH	177.00
71W	07	CHURCH NON CONFORMING	88.00
72	04	PRIVATE SCHOOL, COLLEGE	164.00
73	04	PRIVATE HOSPITAL	204.00
74	04	REST HOME/CONVALESCENT	190.00
75	04	LIBRARY	174.00
76	04	FUNERAL, MORTUARY	153.00
77	07	CIVIC CLUB, LODGE, HALL	188.00
78	07	COUNTRY CLUB HOUSE	184.00
79	07	PAVILLION/ARCADE	66.00
80	06	MARINA	71.00
81	07	AUDITORIUM	171.00
82	07	GYM/FITNESS STUDIO	152.00
83	04	PUBLIC SCHOOL	181.00
84	04	PUBLIC COLLEGE	181.00
85	04'	HOSPITAL PUBLIC	153.00
86	04	COUNTY OFFICE	128.00
87	04	STATE OFFICE	128.00
88	04	FEDERAL OFFICE	128.00
89	04	MUNICIPAL OFFICE	133.00
90	07	ARMORY	123.00
91	04	UTILITIES OFFICE	77.00
92	07	FIRE/RESCUE STATION	87.00
93	04	P0LICE STATION/JAIL	179.00
94	01	SFR-BALD HEAD	300.00
95	03	MULTI FAMILY BALD HEAD	275.00
96	01	PATIO HOME BALD HEAD	300.00
97	03	CONDOMINIUM-BALD HEAD	205.00
98	00	VACANT LAND	XXXX
99	00	NEW ADD	XXXX

*** The model codes used here are the most common for the use code. All models can be used for each use code.

SUBMITTED

MODEL 01				RESIDENTIAL						
FOUNDATION		**PTS**		**ROOF COVER**		**PTS**		**HEATING TYPE**		**PTS**
01	PIERS	2		01	CORR-SHT MET	1		01	NONE	0
02	PIERS>8FT	8		02	ROLL COMP/MIN	2		02	BASEBOARD	2
03	PIERS>8FT W/CON	10		03	COMP SHINGLE	4		03	AIR NO DUCT	2
04	CON FTG/CRAWL	5		04	BLT UP TAR & GRAV	3		04	AIR DUCTED	4
05	SPREAD FOOTING	4		05	RUBBER	4		05	HOT WATER	5
06	SPECIAL FOOTING	10		06	ARCH SHINGLE	5		06	STEAM	5
07	NONE	0		07	FIBERGLASS TILE	9		07	RADIANT-ELEC	3
FLOOR SYSTEM				08	CLAY TILE	11		08	RADIANT WATER	8
01	NONE	0		09	ENAM. METAL SHG	10		09	HEAT PUMP	4
02	SLAB ON GRADE	5		10	CEDAR SHINGLE	11		10	SPACE HEATERS	2
03	SLAB AB GRADE	9		11	SLATE/COPPER	14		**FIREPLACE**		
04	PLYWD/PTL BD	8		12	PREFIN METAL	5		01	NONE	0
05	WOOD	9		13	METAL STANDING SM	8		02	1 STRY SINGLE	3000
06	PLATFORM HGT	10		14	CONCRETE FORM	6		03	2 STY SGL/1 DBL	3500
07	STRUCT SLAB	11		**INTERIOR WALL**				04	2 OR MORE	5000
EXTERIOR WALLS				01	MASONRY/MIN	5		05	MASSIVE>6 FT	4000
01	SIDING MIN	6		02	WALL BRD/WOOD	9		06	>2 MASSIVE	7000
02	CORR METAL	7		03	PLASTER	21		07	PREFAB	1800
03	COMP OR WLBD	10		04	PLYWOOD PANEL	18		08	PREFAB >1	2500
04	SIDG NO SHTG	19		05	DRYWALL/SHEETRK	21		**MARKET AND**		
05	ASBSTS SHINGLE	15		06	CUSTOM INTERIOR	35		**CONSTRUCTION FACTORS**		
06	BRD&BAT ON PLYW	21		07	>8 FT CEILING	30		01		0.80
07	CORR ASBTS	30		**INTERIOR FLOOR**				02		0.85
08	MASONITE	29		01	NONE	0		03		0.90
09	WOOD ON SHTG	30		02	MIN PLYWOOD	3		04		0.95
10	AL/VNL SIDING	30		03	CONCRETE FIN	2		05		1.00
11	CONCRETE BLK	21		04	CONCRETE COATED	4		06		1.05
12	STUCCO/BLOCK	30		05	ASPH TILE	4		07		1.10
13	STUCCO/TL-WD	33		06	CORK	7		08		1.15
14	LOG	31		07	RUBBER	7		09		1.20
15	BOARD/BAT 12"BRD	31		08	VINYL	7		10		1.25
16	WD/VNL SHINGLE	32		09	PINE/SOFT WOOD	6		11		1.30
17	CEDAR/REDWOOD	32		10	TERRAZZO	20		12		1.35
18	SIDING MAX	36		11	CERAMIC CLAY TILE	13		13		1.40
19	HARDI PLANK	32		12	HARDWOOD	12		14		1.45
20	COMMON BRICK	33		13	PARQUET	9		15		1.50
21	FACE BRICK	36		14	CARPET	8		16		1.55
22	STONE	40		15	HARD TILE	13		17		1.60
23	CORR METAL HEAVY	6		16	SEAMLESS	14		18		1.65
24	MODULAR METAL	15		17	PRECAST CONCRETE	29		19		1.70
25	REFCD CONCRETE	40		18	SLATE/COPPER	21		20		1.75
26	PRECAST PANEL	36		19	MARBLE	46		21		1.80
27	PREFIN METAL	43		20	LAMINATE	10		22		1.85
28	GLASS/THERML	46		21	BAMBOO	14		23		1.90
29	ARCH BLOCK	33		**HEATING FUEL**				24		1.95
ROOF STRUCTURE				01	NONE	0		25		2.00
01	FLAT	3		02	OIL/WOOD/COAL	0		**QUALITY**		0.75
02	SHED	5		03	GAS	1		01	MINIMUM	0.75
03	GABLE	7		04	ELETRIC	1		02	FAIR	0.90
04	HIP	9		05	SOLAR	1		03	AVERAGE	1.00
05	MANSARD	8		**AIR COND TYPE**				04	ABOVE AVERAGE	1.10
06	GAMBREL	8		01	NONE	0		05	EXCELLANT	1.25
07	IRR CEIL	13		02	WALL UNIT	0		06	SUPERIOR	1.50
08	WOOD TRUSS	7		03	CENTRAL	4				
09	BAR JOIST	11		04	PCKG ROOF	4				
10	STL FRM /TRUSS	13		05	CHILLED WATER	4				
11	BOWSTRING TRUSS	9								
12	REFCD CONCRETE	17								
13	PRESTRESS CONC	19								

SUBMITTED

MODEL O1 SINGLE FAMILY RESIDENTIAL

BEDROOMS	BATHS	½ BATHS	POINTS		BEDROOMS	BATHS	½ BATHS	POINTS
1	0	0	0		4	0	0	2
1	0	1	2		4	0	1	4
1	1	0	4		4	1	1	8
1	1	1	6		4	1	1	10
2	0	0	0		4	2	0	14
2	0	1	3		4	2	1	15
2	1	0	7		4	3	0	16
2	1	1	9		4	3	1	17
2	2	0	11		4	3	2	17
2	2	1	12		5	0	0	2
3	0	0	1		5	0	1	4
3	0	1	4		5	1	0	8
3	1	0	8		5	1	1	10
3	1	1	10		5	2	0	13
3	2	0	12		5	2	1	15
3	2	1	13		5	3	0	17
3	2	2	14		5	3	1	18
3	3	0	15		5	3	2	18
3	3	1	16					

If Bedroom/Bath count exceeds chart's figures, carry highest point

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SIZE FACTOR CHART FOR MODEL 01

Square footage comes from AOF, APT, BAS, CRH, EOF, FBM, FEP, FOG, FUS, FUT, GOF, LAB, LLB, LLF, LLS, MEZ, SFB, SOL, SPA

SQ.FT	SIZE FACTOR
` 0 - 630	130%
631 - 660	129%
661 - 690	128%
691 - 720	127%
721 - 750	126%
751 - 780	125%
781 - 810	124%
811 - 840	123%
841 - 870	122%
871 - 900	121%
901 - 930	120%
931 - 960	119%
961 - 990	118%
991 -1020	117%
1021- 1050	116%
1051- 1080	115%
1081- 1110	114%
1111- 1140	113%
1141- 1170	112%
1171- 1200	111%
1201- 1230	110%
1231- 1260	109%
1261- 1290	108%
1291- 1320	107%
1321- 1350	106%
1351- 1380	105%
1381- 1410	104%
1411- 1440	103%
1441- 1470	102%
1471- 1500	101%
1501- 1530	100%
1531- 1600	99%
1601- 1670	98%
1671- 1740	97%
1741- 1810	96%
1811- 1880	95%
1881- 1950	94%
1951- 2020	93%
2021- 2090	92%
2091- 2160	91%
2161- 2230	90%
2231- 2300	89%
2301- 2370	88%
2371- 2440	87%
2441- 2510	86%
2511- 2580	85%
2581- 2650	84%
2651- 2720	83%
2721- 2790	82%
2791- 2860	81%
2861- 9999999999.000000	80%

SUBMITTED

MODEL 02

MANUFACTURED

FOUNDATION		PTS
01	PIERS	5
02	PIERS>8FT	6
03	PIERS>8FT W/CON	7
04	CON FTG/CRAWL	8
05	SPREAD FOOTING	9
06	SPECIAL FOOTING	12
07	NONE	0
FLOOR SYSTEM		
01	NONE	0
02	SLAB ON GRADE	7
03	SLAB AB GRADE	12
04	PLYWD/PTL BD	11
05	WOOD	12
06	PLATFORM HGT	12
07	STRUCT SLAB	14
EXTERIOR WALLS		
01	SIDING MIN	8
02	CORR METAL	5
03	COMP OR WLBD	15
04	SIDG NO SHTG	21
05	ASBSTS SHINGLE	26
06	BRD&BAT ON PLYW	26
07	CORR ASBTS	26
08	MASONITE	33
09	WOOD ON SHTG	34
10	AL/VNL SIDING	34
11	CONCRETE BLK	34
12	STUCCO/BLOCK	34
13	STUCCO/TL-WD	37
14	LOG	37
15	BOARD/BAT 12"BRD	35
16	WD/VNL SHINGLE	34
17	CEDAR/REDWOOD	36
18	SIDING MAX	41
19	HARDI PLANK	32
20	FCBLOCK/COM BR	38
21	FACE BRICK	39
22	STONE	43
23	CORR METAL HEAVY	13
24	MODULAR METAL	12
25	REFCD CONCRETE	48
26	PRECAST PANEL	42
27	PREFIN METAL	55
28	GLASS/THERML	60
29	ARCH BLOCK	40
ROOF STRUCTURE		
01	FLAT	4
02	SHED	6
03	GABLE	9
04	HIP	10
05	MANSARD	12
06	GAMBREL	12
07	IRR CEIL	14
08	WOOD TRUSS	8
09	RIGID FR W/BAR	12
10	STL FRM TRUSS	14
11	BOWSTRING TRUSS	10
12	REFCD CONCRETE	18
13	PRESTRESS CONC	20

ROOF COVER		PTS
01	CORR-SHT MET	2
02	ROLL COMP/MIN	2
03	COMP SHINGLE	4
04	BLT UP TAR & GRAV	3
05	RUBBER	16
06	ARCH SHINGLE	5
07	FIBERGLASS TILE	9
08	CLAY TILE	23
09	ENAM. METAL SHG	22
10	CEDAR SHINGLE	11
11	SLATE/COPPER	28
12	PREFIN METAL	7
13	METAL STANDING SM	8
14	CONCRETE FORM	6
INTERIOR WALL		
01	MASONRY/MIN	8
02	WALL BRD/WOOD	12
03	PLASTER	30
04	PLYWOOD PANEL	22
05	DRYWALL/SHEETRK	28
06	CUSTOM INTERIOR	35
07	>8 FT CEILING	0
INTERIOR FLOOR		
01	NONE	0
02	MIN PLYWOOD	3
03	CONCRETE FIN	2
04	CONCRETE COATED	4
05	ASPH TILE	4
06	CORK	9
07	RUBBER	9
08	VINYL	7
09	PINE/SOFT WOOD	7
10	TERRAZZO	22
11	CERAMIC CLAY TILE	22
12	HARDWOOD	19
13	PARQUET	18
14	CARPET	8
15	HARD TILE	24
16	SEAMLESS	11
17	PRECAST CONCRETE	20
18	SLATE/COPPER	30
19	MARBLE	59
20	LAMINATE	13
21	BAMBOO	14
HEATING FUEL		
01	NONE	0
02	OIL/WOOD/COAL	0
03	GAS	1
04	ELETRIC	1
05	SOLAR	1
AIR COND TYPE		
01	NONE	0
02	WALL UNIT	1
03	CENTRAL	2
04	PCKG ROOF	2
05	CHILLED WATER	3

HEATING TYPE		PTS
01	NONE	0
02	BASEBOARD	1
03	AIR NO DUCT	1
04	AIR DUCTED	2
05	HOT WATER	5
06	STEAM	5
07	RADIANT-ELEC	3
08	RADIANT WATER	8
09	HEAT PUMP	4
10	SPACE HEATERS	2
FIREPLACE		
01	NONE	0
02	1 STRY SINGLE	1800
03	2 STY SGL/1 DBL	2250
04	2 OR MORE	3600
05	MASSIVE>6 FT	3900
06	>2 MASSIVE	5600
07	PREFAB	1000
08	PREFAB >1	1500
MARKET AND CONSTRUCTION FACTORS		
01		0.80
02		0.85
03		0.90
04		0.95
05		1.00
06		1.05
07		1.10
08		1.15
09		1.20
10		1.25
11		1.30
12		1.35
13		1.40
14		1.45
15		1.50
16		1.55
17		1.60
18		1.65
QUALITY		
01	MINIMUM	0.75
02	FAIR	0.90
03	AVERAGE	1.00
04	ABOVE AVERAGE	1.10
05	EXCELLENT	1.25
06	SUPERIOR	1.50

SUBMITTED

Model 02 – MANUFACTURED HOME CONSTRUCTION

SIZE FACTOR – USE CODE 02 Double Wide.
Square footage comes from AOF, APT, BAS, FEP, FOG, FUS, CRH, FBM, SFB, LLF, LLS, EOF, MEZ, GOF, LAB

HEATED SQ. FT.	SIZE FACTOR
-1000	110%
1001-1100	108%
1101-1200	106%
1201-1300	104%
1301-1400	102%
1401-1700	100%
1701-1800	98%
1801-1900	96%
1901-2000	94%
2001-2100	92%
2101-2200	90%
2201-2300	88%
2301-UP	85%

SIZE FACTOR – USE CODE 02 Single Wide

HEATED SQ.FT.	SIZE FACTOR
-800	106%
801-900	104%
901-1000	102%
1001-1300	100%
1301-1400	98%
1401-1500	96%
1501-1600	94%
1601-1700	92%
1701 OVER	90%

SUBMITTED

MODEL 03

FOUNDATION		PTS
01	PIERS	2
02	PIERS>8FT	3
03	PIERS>8FT W/CON	4
04	CON FTG/CRAWL	5
05	SPREAD FOOTING	6
06	SPECIAL FOOTING	10
07	NONE	0
FLOOR SYSTEM		
01	NONE	0
02	SLAB ON GRADE	4
03	SLAB AB GRADE	5
04	PLYWD/PTL BD	6
05	WOOD	7
06	PLATFORM HGT	11
07	STRUCT SLAB	15
EXTERIOR WALLS		
01	SIDING MIN	6
02	CORR METAL	7
03	COMP OR WLBD	9
04	SIDG NO SHTG	16
05	ASBSTS SHINGLE	20
06	BRD&BAT ON PLYW	18
07	CORR ASBTS	26
08	MASONITE	25
09	WOOD ON SHTG	26
10	AL/VNL SIDING	26
11	CONCRETE BLK	18
12	STUCCO/BLOCK	26
13	STUCCO/TL-WD	29
14	LOG	29
15	BOARD/BAT 12"BRD	27
16	WD/VNL SHINGLE	26
17	CEDAR/REDWOOD	28
18	SIDING MAX	32
19	HARDI PLANK	26
20	FCBLOCK/COM BR	29
21	FACE BRICK	31
22	STONE	43
23	CORR METAL HEAVY	5
24	MODULAR METAL	13
25	REFCD CONCRETE	35
26	PRECAST PANEL	31
27	PREFIN METAL	37
28	GLASS/THERML	40
29	ARCH BLOCK	29
ROOF STRUCTURE		
01	FLAT	2
02	SHED	2
03	GABLE	4
04	HIP	4
05	MANSARD	6
06	GAMBREL	5
07	IRR CEIL	8
08	WOOD TRUSS	4
09	RIGID FR W/BAR	7
10	STL FRM TRUSS	5
11	BOWSTRING TRUSS	5
12	REFCD CONCRETE	8
13	PRESTRESS CONC	12

CONDOS

ROOF COVER		PTS
01	CORR-SHT MET	1
02	ROLL COMP/MIN	2
03	COMP SHINGLE	4
04	BLT UP TAR & GRAV	3
05	RUBBER	4
06	ARCH SHINGLE	5
07	FIBERGLASS TILE	9
08	CLAY TILE	11
09	ENAM. METAL SHG	10
10	CEDAR SHINGLE	11
11	SLATE/COPPER	14
12	PREFIN METAL	5
13	METAL STANDING SM	8
14	CONCRETE FORM	6
INTERIOR WALL		
01	MASONRY/MIN	5
02	WALL BRD/WOOD	15
03	PLASTER	30
04	PLYWOOD PANEL	25
05	DRYWALL/SHEETRK	28
06	CUSTOM INTERIOR	35
07	>8 FT CEILING	30
INTERIOR FLOOR		
01	NONE	0
02	MIN PLYWOOD	3
03	CONCRETE FIN	2
04	CONCRETE COATED	17
05	ASPH TILE	4
06	CORK	9
07	RUBBER	9
08	VINYL	9
09	PINE/SOFT WOOD	7
10	TERRAZZO	22
11	CERAMIC CLAY TILE	22
12	HARDWOOD	14
13	PARQUET	11
14	CARPET	10
15	HARD TILE	22
16	SEAMLESS	16
17	PRECAST CONCRETE	31
18	SLATE/COPPER	23
19	MARBLE	48
20	LAMINATE	11
21	BAMBOO	14
HEATING FUEL		
01	NONE	0
02	OIL/WOOD/COAL	0
03	GAS	1
04	ELETRIC	1
05	SOLAR	1
AIR COND TYPE		
01	NONE	0
02	WALL UNIT	0
03	CENTRAL	4
04	PCKG ROOF	4
05	CHILLED WATER	4

HEATING TYPE		PTS
01	NONE	0
02	BASEBOARD	2
03	AIR NO DUCT	2
04	AIR DUCTED	4
05	HOT WATER	5
06	STEAM	5
07	RADIANT-ELEC	3
08	RADIANT WATER	8
09	HEAT PUMP	4
10	SPACE HEATERS	2
FIREPLACE		
01	NONE	0
02	1 STRY SINGLE	3000
03	2 STY SGL/1 DBL	3500
04	2 OR MORE	5000
05	MASSIVE>6 FT	4000
06	>2 MASSIVE	7000
07	PREFAB	1500
08	PREFAB >1	2500
STRUCTURAL FRAME		
01	PREFAB	4
02	WOOD	5
03	MASONARY	16
04	REINFCD CONC	15
05	STEEL	9
06	FIREPROOF STEEL	16
07	SPECIAL	23
MARKET AND CONSTRUCTION FACTORS		
01		0.80
02		0.85
03		0.90
04		0.95
05		1.00
06		1.05
07		1.10
08		1.15
09		1.20
10		1.25
11		1.30
12		1.35
13		1.40
14		1.45
15		1.50
16		1.55
17		1.60
18		1.65
QUALITY		
01	MINIMUM	0.75
02	FAIR	0.90
03	AVERAGE	1.00
04	ABOVE AVERAGE	1.10
05	EXCELLENT	1.25
06	SUPERIOR	1.50

SUBMITTED

MODEL 03 CONDOMINIUMS

Bedroom	Bath	1/2 Bath	Points	Bedroom	Bath	1/2 Bath	Points
1	0	0	0	4	0	0	1
1	0	1	2	4	0	1	3
1	1	0	4	4	1	0	5
1	1	1	6	4	1	1	7
2	0	0	1	4	2	0	10
2	0	1	2	4	2	1	11
2	1	0	4	4	3	0	13
2	1	1	6	4	3	1	15
2	2	0	8	5	0	0	1
2	2	1	10	5	0	1	3
3	0	0	1	5	1	0	5
3	0	1	3	5	1	1	7
3	1	0	5	5	2	0	9
3	1	1	7	5	2	1	11
3	2	0	9	5	3	0	13
3	2	1	11	5	3	1	15
3	3	0	13	5	3	2	17

If Bedroom/Bath count exceeds chart's figures, carry highest points

SIZE FACTOR

Square footage comes from BAS, AOF, FUS, SFB, LLF, FEP, GOF, EOF, FBM, APT, CRH, MEZ, LAB, FOG

Square Footage	Factor	Square Footage	Factor	Square Footage	Factor
0-600	125%	901-920	109%		
601-620	124%	921-940	108%		
621-640	123%	941-960	107%		
641-660	122%	961-980	106%		
661-680	121%	981-1000	105%		
681-700	120%	1001-1020	104%		
701-720	119%	1021-1040	103%		
721-740	118%	1041-1060	102%		
741-760	117%	1061-1100	101%		
761-780	116%	1101-1150	100%		
781-800	115%	1151-1200	99%		
801-820	114%	1201-1300	98%		
821-840	113%	1301-1400	97%		
841-860	112%	1401-1500	96%		
861-880	111%	1501-UP	95%		
881-900	110%				

SUBMITTED

MODEL 04				OFFICE						
FOUNDATION		**PTS**		**ROOF COVER**		**PTS**		**HEATING TYPE**		**PTS**
01	PIERS	2		01	CORR-SHT MET	1		01	NONE	0
02	PIERS>8FT	4		02	ROLL COMP/MIN	2		02	BASEBOARD	4
03	PIERS>8FT W/CON	5		03	COMP SHINGLE	4		03	AIR NO DUCT	3
04	CON FTG/CRAWL	5		04	BLT UP TAR & GRAV	3		04	AIR DUCTED	5
05	SPREAD FOOTING	6		05	RUBBER	4		05	HOT WATER	8
06	SPECIAL FOOTING	12		06	ARCH SHINGLE	5		06	STEAM	8
07	NONE	0		07	FIBERGLASS TILE	9		07	RADIANT-ELEC	4
FLOOR SYSTEM				08	CLAY TILE	11		08	RADIANT WATER	9
01	NONE	0		09	ENAM. METAL SHG	10		09	HEAT PUMP	5
02	SLAB ON GRADE	5		10	CEDAR SHINGLE	11		10	SPACE HEATERS	3
03	SLAB AB GRADE	11		11	SLATE/COPPER	14		**AIR COND TYPE**		
04	PLYWD/PTL BD	9		12	PREFIN METAL	5		01	NONE	0
05	WOOD	11		13	METAL STANDING SM	8		02	WALL UNIT	2
06	PLATFORM HGT	16		14	CONCRETE FORM	6		03	CENTRAL	6
07	STRUCT SLAB	16		**INTERIOR WALL**				04	PCKG ROOF	7
EXTERIOR WALLS				01	MASONRY/MIN	5		05	CHILLED WATER	6
01	SIDING MIN	3		02	WALL BRD/WOOD	15		**CEILING & INSULATION**		
02	CORR METAL	5		03	PLASTER	30		SUSPENDED		
03	COMP OR WLBD	10		04	PLYWOOD PANEL	25		01	CEILING INSLTD	4
04	SIDG NO SHTG	16		05	DRYWALL/SHEETRK	30		03	WALL INSLTD	4
05	ASBSTS SHINGLE	15		06	CUSTOM INTERIOR	35		05	CEL&WALL INSLTD	5
06	BRD&BAT ON PLYW	17		07	>8 FT CEILING	0		07	NO INSULATION	3
07	CORR ASBTS	19		**INTERIOR FLOOR**				NOT SUSPENDED		
08	MASONITE	18		01	NONE	0		02	CEILING INSLTD	3
09	WOOD ON SHTG	19		02	MIN PLYWOOD	3		04	WALL INSLTD	3
10	AL/VNL SIDING	19		03	CONCRETE FIN	2		06	CEL&WALL INSLTD	4
11	CONCRETE BLK	16		04	CONCRETE COATED	17		08	NO INSULATION	2
12	STUCCO/BLOCK	19		05	ASPH TILE	4		NO CEILING		
13	STUCCO/TL-WD	23		06	CORK	9		09	ROOF INSULATED	1
14	LOG	22		07	RUBBER	9		10	WALL INSLTD	1
15	BOARD/BAT 12"BRD	20		08	VINYL	9		11	ROOF&WALL INSLTD	2
16	WD/VNL SHINGLE	20		09	PINE/SOFT WOOD	7		12	NO INSULATION	0
17	CEDAR/REDWOOD	21		10	TERRAZZO	22		**MARKET AND**		
18	SIDING MAX	24		11	CERAMIC CLAY TILE	22		**CONSTRUCTIONS FACTORS**		
19	HARDI PLANK	20		12	HARDWOOD	14		01		0.80
20	FCBLOCK/COM BR	22		13	PARQUET	11		02		0.85
21	FACE BRICK	25		14	CARPET	10		03		0.90
22	STONE	35		15	HARD TILE	22		04		0.95
23	CORR METAL HEAVY	10		16	SEAMLESS	16		05		1.00
24	MODULAR METAL	12		17	PRECAST CONCRETE	31		06		1.05
25	REFCD CONCRETE	27		18	SLATE/COPPER	23		07		1.10
26	PRECAST PANEL	22		19	MARBLE	48		08		1.15
27	PREFIN METAL	36		20	LAMINATE	6		09		1.20
28	GLASS/THERML	35		21	BAMBOO	18		10		1.25
29	ARCH BLOCK	17		**HEATING FUEL**				11		1.30
ROOF STRUCTURE				01	NONE	0		12		1.35
01	FLAT	5		02	OIL/WOOD/COAL	0		13		1.40
02	SHED	6		03	GAS	1		14		1.45
03	GABLE	7		04	ELETRIC	1		15		1.50
04	HIP	8		05	SOLAR	1		16		1.55
05	MANSARD	9		**STRUCTURAL FRAME**				17		1.60
06	GAMBREL	9		01	PREFAB	4		18		1.65
07	IRR CEIL	12		02	WOOD	5		19		1.70
08	WOOD TRUSS	7		03	MASONARY	16		20		1.75
09	RIGID FR W/BAR	9		04	REINFCD CONC	15		21		1.80
10	STL FRM TRUSS	10		05	STEEL	9		22		1.85
11	BOWSTRING TRUSS	8		06	FIREPROOF STEEL	16		23		1.90
12	REFCD CONCRETE	10		07	SPECIAL	23		24		1.95
13	PRESTRESS CONC	11						25		2.00
								QUALITY		0.75
								01	MINIMUM	0.75
								02	FAIR	0.90
								03	AVERAGE	1.00
								04	ABOVE AVERAGE	1.10
								05	EXCELLENT	1.25
								06	SUPERIOR	1.50

SOLD

MODEL 04 OFFICE CONSTRUCTION

SIZE FACTORS TO BE APPLIED TO TOTAL BUILDABLE AREA.
Auxiliary Areas need to calculate Buildable Areas on Appraisal Cards:
APT, BAS, SFB, FBM, CRH, LLF, MEZ, EOF, GOF, AOF, FEP, LAB, SPA, SDA, FUS, FOG, SWH, MHW, WWH, FUT

1 - 500	125%	3601 - 3900	107%
501 - 600	124%	3901 - 4200	106%
601 - 700	123%	4201 - 4500	105%
701 - 800	122%	4501 - 4800	104%
801 - 900	121%	4801 - 5200	103%
901 - 1000	120%	5201 - 5600	102%
1001 - 1100	119%	5601 - 6000	101%
1101 - 1200	118%	6001 - 8000	100%
1201 - 1400	117%	8001 - 10000	99%
1401 - 1600	116%	10001 - 12000	98%
1601 - 1800	115%	12001 - 14000	97%
1801 - 2000	114%	14001 - 16000	96%
2001 - 2200	113%	16001 - 20000	95%
2201 - 2400	112%	20001 - 25000	94%
2401 - 2700	111%	25001 - 30000	93%
2701 - 3000	110%	30001 - 40000	92%
3001 - 3300	109%	40001 - 50000	91%
3301 - 3600	108%	50001 - UP	90%

REST ROOM - PLUMBING POINT SCHEDULE

AREA PER FIXTURE	POINTS
0 - 99	14
100 - 149	13
150 - 189	12
190 - 229	11
230 - 269	10
270 - 309	9
310 - 349	8
350 - 449	7
450 - 559	6
560 - 759	5
760 - 869	4
870 - 1159	3
1160 - 1759	2
1760 - UP	1

SUBMITTED

MODEL 05				APARTMENTS				HOTEL/MOTEL		
FOUNDATION		**PTS**		**ROOF COVER**		**PTS**		**HEATING TYPE**		**PTS**
01	PIERS	2		01	CORR-SHT MET	1		01	NONE	0
02	PIERS>8FT	3		02	ROLL COMP/MIN	1		02	BASEBOARD	2
03	PIERS>8FT W/CON	4		03	COMP SHINGLE	4		03	AIR NO DUCT	2
04	CON FTG/CRAWL	5		04	BLT UP TAR & GRAV	2		04	AIR DUCTED	4
05	SPREAD FOOTING	6		05	RUBBER	4		05	HOT WATER	5
06	SPECIAL FOOTING	10		06	ARCH SHINGLE	5		06	STEAM	5
07	NONE	0		07	FIBERGLASS TILE	9		07	RADIANT-ELEC	3
FLOOR SYSTEM				08	CLAY TILE	11		08	RADIANT WATER	8
01	NONE	0		09	ENAM. METAL SHG	10		09	HEAT PUMP	4
02	SLAB ON GRADE	5		10	CEDAR SHINGLE	11		10	SPACE HEATERS	2
03	SLAB AB GRADE	10		11	SLATE/COPPER	14		**AIR COND TYPE**		
04	PLYWD/PTL BD	9		12	PREFIN METAL	5		01	NONE	0
05	WOOD	10		13	METAL STANDING SM	8		02	WALL UNIT	0
06	PLATFORM HGT	11		14	CONCRETE FORM	6		03	CENTRAL	6
07	STRUCT SLAB	15		**INTERIOR WALL**				04	PCKG ROOF	7
EXTERIOR WALLS				01	MASONRY/MIN	6		05	CHILLED WATER	4
01	SIDING MIN	4		02	WALL BRD/WOOD	10		**CEILING & INSULATION**		
02	CORR METAL	7		03	PLASTER	30		SUSPENDED		
03	COMP OR WLBD	12		04	PLYWOOD PANEL	20		01	CEILING INSLTD	4
04	SIDG NO SHTG	17		05	DRYWALL/SHEETRK	25		03	WALL INSLTD	4
05	ASBSTS SHINGLE	18		06	CUSTOM INTERIOR	35		05	CEL&WALL INSLTD	5
06	BRD&BAT ON PLYW	19		07	>8 FT CEILING	30		07	NO INSULATION	3
07	CORR ASBTS	25		**INTERIOR FLOOR**				NOT SUSPENDED		
08	MASONITE	25		01	NONE	0		02	CEILING INSLTD	3
09	WOOD ON SHTG	26		02	MIN PLYWOOD	3		04	WALL INSLTD	3
10	AL/VNL SIDING	26		03	CONCRETE FIN	2		06	CEL&WALL INSLTD	4
11	CONCRETE BLK	24		04	CONCRETE COATED	17		08	NO INSULATION	2
12	STUCCO/BLOCK	26		05	ASPH TILE	4		NO CEILING		
13	STUCCO/TL-WD	29		06	CORK	9		09	ROOF INSULATED	1
14	LOG	38		07	RUBBER	9		10	WALL INSLTD	1
15	BOARD/BAT 12"BRD	27		08	VINYL	9		11	ROOF&WALL INSLTD	2
16	WD/VNL SHINGLE	27		09	PINE/SOFT WOOD	7		12	NO INSULATION	0
17	CEDAR/REDWOOD	28		10	TERRAZZO	15		**MARKET AND**		
18	SIDING MAX	33		11	CERAMIC CLAY TILE	15		**CONSTRUCTION FACTORS**		
19	HARDI PLANK	26		12	HARDWOOD	14		01		0.80
20	FCBLOCK/COM BR	27		13	PARQUET	12		02		0.85
21	FACE BRICK	29		14	CARPET	12		03		0.90
22	STONE	47		15	HARD TILE	15		04		0.95
23	CORR METAL HEAVY	14		16	SEAMLESS	7		05		1.00
24	MODULAR METAL	18		17	PRECAST CONCRETE	1		06		1.05
25	REFCD CONCRETE	39		18	SLATE/COPPER	21		07		1.10
26	PRECAST PANEL	32		19	MARBLE	38		08		1.15
27	PREFIN METAL	50		20	LAMINATE	12		09		1.20
28	GLASS/THERML	60		21	BAMBOO	18		10		1.25
29	ARCH BLOCK	26		**HEATING FUEL**				11		1.30
ROOF STRUCTURE				01	NONE	0		12		1.35
01	FLAT	4		02	OIL/WOOD/COAL	0		13		1.40
02	SHED	6		03	GAS	1		14		1.45
03	GABLE	8		04	ELETRIC	1		15		1.50
04	HIP	9		05	SOLAR	1		16		1.55
05	MANSARD	10		**STRUCTURAL FRAME**				17		1.60
06	GAMBREL	10		01	PREFAB	1		18		1.65
07	IRR CEIL	10		02	WOOD	3		19		1.70
08	WOOD TRUSS	8		03	MASONARY	4		20		1.75
09	BAR JOIST	10		04	REINFCD CONC	8		21		1.80
10	STL FRM TRUSS	11		05	STEEL	5		22		1.85
11	BOWSTRING TRUSS	9		06	FIREPROOF STEEL	10		23		1.90
12	REFCD CONCRETE	13		07	SPECIAL	14		24		1.95
13	PRESTRESS CONC	14						25		2.00
								QUALITY		
								01	MINIMUM	0.75
								02	FAIR	0.90
								03	AVERAGE	1.00
								04	ABOVE AVERAGE	1.10
								05	EXCELLENT	1.25
								06	SUPERIOR	1.50

SAMPLE

MODEL 05 MULTI FAMILY

USE CODES 60, 61, 62 & 63, 64 APARTMENTS

BATHROOM – POINTS SCHEDULE

Area per Fixture	Points
0 - 99	14
100 – 149	12
150 – 189	10
190 – 229	8
230 – 269	7
270 – 309	6
310 – 349	5
350 – 449	4
450 – UP	3

Enter total fixtures for entire building

Area per fixture = Total Heated Area divided by Total Number of Fixtures

SIZE FACTOR INDEX

The average unit size = BUILDABLE AREA = SIZE FACTOR
NUMBER OF UNITS

	Average Size Unit				
No. of Unit Per Card	**0 to 599**	**600 to 799**	**800 to 999**	**1000 to 1199**	**1200 to MAX**
2	120%	115%	110%	108%	106%
3	118%	113%	108%	106%	105%
4	116%	111%	106%	104%	103%
5	114%	109%	104%	102%	101%
6	111%	107%	102%	100%	99%
7	108%	105%	100%	98%	97%
8	105%	103%	98%	96%	95%
9	102%	100%	96%	94%	93%
10 & up	99%	97%	94%	92%	91%

SUBMITTED

MODEL 06				WAREHOUSE						
FOUNDATION		**PTS**		**ROOF COVER**		**PTS**		**HEATING TYPE**		**PTS**
01	PIERS	3		01	CORR-SHT MET	3		01	NONE	0
02	PIERS>8FT	4		02	ROLL COMP/MIN	3		02	BASEBOARD	5
03	PIERS>8FT W/CON	5		03	COMP SHINGLE	4		03	AIR NO DUCT	3
04	CON FTG/CRAWL	6		04	BLT UP TAR & GRAV	5		04	AIR DUCTED	7
05	SPREAD FOOTING	8		05	RUBBER	11		05	HOT WATER	9
06	SPECIAL FOOTING	13		06	ARCH SHINGLE	5		06	STEAM	8
07	NONE	0		07	FIBERGLASS TILE	10		07	RADIANT-ELEC	5
FLOOR SYSTEM				08	CLAY TILE	15		08	RADIANT WATER	11
01	NONE	0		09	ENAM. METAL SHG	16		09	HEAT PUMP	6
02	SLAB ON GRADE	8		10	CEDAR SHINGLE	15		10	SPACE HEATERS	3
03	SLAB AB GRADE	15		11	SLATE/COPPER	24		**AIR COND TYPE**		
04	PLYWD/PTL BD	14		12	PREFIN METAL	8		01	NONE	0
05	WOOD	17		13	METAL STANDING SM	14		02	WALL UNIT	3
06	PLATFORM HGT	22		14	CONCRETE FORM	11		03	CENTRAL	8
07	STRUCT SLAB	24		**INTERIOR WALL**				04	PCKG ROOF	8
EXTERIOR WALLS				01	MASONRY/MIN	5		05	CHILLED WATER	7
01	SIDING MIN	5		02	WALL BRD/WOOD	8		**CEILING & INSULATION**		
02	CORR METAL	7		03	PLASTER	17		SUSPENDED		
03	COMP OR WLBD	14		04	PLYWOOD PANEL	13		01	CEILING INSLTD	4
04	SIDG NO SHTG	20		05	DRYWALL/SHEETRK	17		03	WALL INSLTD	4
05	ASBSTS SHINGLE	27		06	CUSTOM INTERIOR	27		05	CEL&WALL INSLTD	5
06	BRD&BAT ON PLYW	18		07	>8 FT CEILING	22		07	NO INSULATION	3
07	CORR ASBTS	27		**INTERIOR FLOOR**				NOT SUSPENDED		
08	MASONITE	29		01	NONE	0		02	CEILING INSLTD	3
09	WOOD ON SHTG	30		02	MIN PLYWOOD	3		04	WALL INSLTD	3
10	AL/VNL SIDING	30		03	CONCRETE FIN	2		06	CEL&WALL INSLTD	4
11	CONCRETE BLK	29		04	CONCRETE COATED	4		08	NO INSULATION	2
12	STUCCO/BLOCK	31		05	ASPH TILE	4		NO CEILING		
13	STUCCO/TL-WD	35		06	CORK	5		09	ROOF INSULATED	1
14	LOG	33		07	RUBBER	5		10	WALL INSLTD	1
15	BOARD/BAT 12"BRD	31		08	VINYL	8		11	ROOF&WALL INSLTD	2
16	WD/VNL SHINGLE	31		09	PINE/SOFT WOOD	13		12	NO INSULATION	0
17	CEDAR/REDWOOD	33		10	TERRAZZO	24		**MARKET AND**		
18	SIDING MAX	40		11	CERAMIC CLAY TILE	24		**CONSTRUCTION FACTORS**		
19	HARDI PLANK	50		12	HARDWOOD	19		01		0.80
20	FCBLOCK/COM BR	36		13	PARQUET	19		02		0.85
21	FACE BRICK	38		14	CARPET	8		03		0.90
22	STONE	49		15	HARD TILE	24		04		0.95
23	CORR METAL HEAVY	16		16	SEAMLESS	11		05		1.00
24	MODULAR METAL	20		17	PRECAST CONCRETE	2		06		1.05
25	REFCD CONCRETE	38		18	SLATE/COPPER	31		07		1.10
26	PRECAST PANEL	30		19	MARBLE	59		08		1.15
27	PREFIN METAL	50		20	LAMINATE	13		09		1.20
28	GLASS/THERML	60		21	BAMBOO	18		10		1.25
29	ARCH BLOCK	32		**HEATING FUEL**				11		1.30
ROOF STRUCTURE				01	NONE	0		12		1.35
01	FLAT	7		02	OIL/WOOD/COAL	0		13		1.40
02	SHED	10		03	GAS	1		14		1.45
03	GABLE	14		04	ELETRIC	1		15		1.50
04	HIP	15		05	SOLAR	1		16		1.55
05	MANSARD	17		**STRUCTURAL FRAME**				17		1.60
06	GAMBREL	17		01	PREFAB	8		18		1.65
07	IRR CEIL	21		02	WOOD	11		19		1.70
08	WOOD TRUSS	14		03	MASONARY	13		20		1.75
09	BAR JOIST	16		04	REINFCD CONC	33		21		1.80
10	STL FRM TRUSS	18		05	STEEL	15		22		1.85
11	BOWSTRING TRUSS	15		06	FIREPROOF STEEL	36		23		1.90
12	REFCD CONCRETE	21		07	SPECIAL	45		24		1.95
13	PRESTRESS CONC	23						25		2.00
								QUALITY		
								01	MINIMUM	0.75
								02	FAIR	0.90
								03	AVERAGE	1.00
								04	ABOVE AVERAGE	1.10
								05	EXCELLENT	1.25
								06	SUPERIOR	1.50

SAMPLE

MODEL 06 WAREHOUSE/INDUSTRIAL CONSTRUCTION

SIZE FACTORS: **Auxiliary Areas need to calculate Buildable Areas on Appraisal Cards: AOF, APT, BAS, CRH, EOF, FBM, FEP, FOG, FUS, FUT, GOF, LAB, LLB, LLF, LLS, MEZ, MWH, SDA, SFB, SOL, SPA, SWH, WWH**

AREA	FACTOR	AREA	FACTOR
1 - 1,000	130%	20,001 - 25,000	102%
1,001 - 1,500	128%	25,001 - 30,000	101%
1,501 - 2,000	125%	30,001 - 35,000	100%
2,001 - 3,000	121%	35,001 - 40,000	99%
3,001 - 4,000	119%	40,001 - 50,000	98%
4,001 - 5,000	116%	50,001 - 60,000	97%
5,001 - 6,000	115%	60,001 - 70,000	96%
6,001 - 7,000	114%	70,001 - 80,000	94%
7,001 - 8,000	112%	80,001 - 100,000	92%
8,001 - 10,000	110%	100,001 - 120,000	90%
10,001 - 12,000	109%	120,001 - 140,000	88%
12,001 - 14,000	107%	140,001 - 180,000	86%
14,001 16,000	105%	180,001 - 225,000	84%
16,001 - 18,000	104%	225,001 - 400,000	82%
18,001 - 20,000	103%	400,001 – UP	80%

REST ROOM – PLUMBING POINT SCHEDULE

AREA PER FIXTURE	POINTS
0 – 1159	5
1160 – 2249	4
2250 – 3249	3
3250 – 4999	2
5000 – UP	1

HEIGHT FACTOR

HEIGHT	FACTOR
8 - 9.99	89%
10 – 11.99	92%
12 – 13.99	96%
14 – 15.99	100%
16 – 17.99	104%
18 – 19.99	108%
20 – 21.99	113%
22 – 23.99	118%
24 – 25.99	123%
26 – 27.99	128%
28 – 29.99	133%
30 – 34.99	138%
35 – 39.99	151%
40 – 44.99	164%
45 – 49.99	177%
50 – 54.99	190%
55 – 59.99	203%
60 – 69.99	216%
70 – 79.99	242%
80 – 89.99	268%
90 – 99.99	284%

HEIGHT FACTOR X QUALITY FACTOR X SIZE FACTOR X MARKET FACTOR

SUBMITTED

MODEL 07				COMMERCIAL CONSTRUCTION						
FOUNDATION		**PTS**		**ROOF COVER**		**PTS**		**HEATING TYPE**		**PTS**
01	PIERS	2		01	CORR-SHT MET	2		01	NONE	0
02	PIERS>8FT	3		02	ROLL COMP/MIN	2		02	BASEBOARD	5
03	PIERS>8FT W/CON	4		03	COMP SHINGLE	4		03	AIR NO DUCT	3
04	CON FTG/CRAWL	4		04	BLT UP TAR & GRAV	4		04	AIR DUCTED	6
05	SPREAD FOOTING	6		05	RUBBER	9		05	HOT WATER	10
06	SPECIAL FOOTING	10		06	ARCH SHINGLE	5		06	STEAM	7
07	NONE	0		07	FIBERGLASS TILE	10		07	RADIANT-ELEC	5
FLOOR SYSTEM				08	CLAY TILE	13		08	RADIANT WATER	11
01	NONE	0		09	ENAM. METAL SHG	14		09	HEAT PUMP	6
02	SLAB ON GRADE	6		10	CEDAR SHINGLE	13		10	SPACE HEATERS	3
03	SLAB AB GRADE	12		11	SLATE/COPPER	12		**AIR COND TYPE**		
04	PLYWD/PTL BD	10		12	PREFIN METAL	7		01	NONE	0
05	WOOD	12		13	METAL STANDING SM	12		02	WALL UNIT	3
06	PLATFORM HGT	17		14	CONCRETE FORM	9		03	CENTRAL	6
07	STRUCT SLAB	17		**INTERIOR WALL**				04	PCKG ROOF	6
EXTERIOR WALLS				01	MASONRY/MIN	2		05	CHILLED WATER	6
01	SIDING MIN	3		02	WALL BRD/WOOD	4		**CEILING & INSULATION**		
02	CORR METAL	5		03	PLASTER	8		SUSPENDED		
03	COMP OR WLBD	10		04	PLYWOOD PANEL	6		01	CEILING INSLTD	4
04	SIDG NO SHTG	14		05	DRYWALL/SHEETRK	8		03	WALL INSLTD	4
05	ASBSTS SHINGLE	17		06	CUSTOM INTERIOR	16		05	CEL&WALL INSLTD	7
06	BRD&BAT ON PLYW	16		07	>8 FT CEILING	12		07	NO INSULATION	3
07	CORR ASBTS	17		**INTERIOR FLOOR**				NOT SUSPENDED		
08	MASONITE	18		01	NONE	0		02	CEILING INSLTD	3
09	WOOD ON SHTG	19		02	MIN PLYWOOD	3		04	WALL INSLTD	3
10	AL/VNL SIDING	19		03	CONCRETE FIN	1		06	CEL&WALL INSLTD	4
11	CONCRETE BLK	20		04	CONCRETE COATED	3		08	NO INSULATION	2
12	STUCCO/BLOCK	22		05	ASPH TILE	3		NO CEILING		
13	STUCCO/TL-WD	24		06	CORK	8		09	ROOF INSULATED	1
14	LOG	23		07	RUBBER	8		10	WALL INSLTD	1
15	BOARD/BAT 12"BRD	18		08	VINYL	7		11	ROOF&WALL INSLTD	2
16	WD/VNL SHINGLE	18		09	PINE/SOFT WOOD	10		12	NO INSULATION	0
17	CEDAR/REDWOOD	22		10	TERRAZZO	18		**MARKET AND**		
18	SIDING MAX	28		11	CERAMIC CLAY TILE	18		**CONSTRUCTION FACTORS**		
19	HARDI PLANK	22		12	HARDWOOD	14		01		0.80
20	FCBLOCK/COM BR	23		13	PARQUET	14		02		0.85
21	FACE BRICK	25		14	CARPET	7		03		0.90
22	STONE	35		15	HARD TILE	18		04		0.95
23	CORR METAL HEAVY	10		16	SEAMLESS	8		05		1.00
24	MODULAR METAL	20		17	PRECAST CONCRETE	1		06		1.05
25	REFCD CONCRETE	27		18	SLATE/COPPER	24		07		1.10
26	PRECAST PANEL	22		19	MARBLE	45		08		1.15
27	PREFIN METAL	30		20	LAMINATE	10		09		1.20
28	GLASS/THERML	35		21	BAMBOO	15		10		1.25
29	ARCH BLOCK	32		**HEATING FUEL**				11		1.30
ROOF STRUCTURE				01	NONE	0		12		1.35
01	FLAT	6		02	OIL/WOOD/COAL	0		13		1.40
02	SHED	7		03	GAS	1		14		1.45
03	GABLE	8		04	ELETRIC	1		15		1.50
04	HIP	9		05	SOLAR	1		16		1.55
05	MANSARD	11		**STRUCTURAL FRAME**				17		1.60
06	GAMBREL	11		01	PREFAB	7		18		1.65
07	IRR CEIL	14		02	WOOD	10		19		1.70
08	WOOD TRUSS	8		03	MASONARY	12		20		1.75
09	BAR JOIST	10		04	REINFCD CONC	29		21		1.80
10	STL FRM TRUSS	11		05	STEEL	14		22		1.85
11	BOWSTRING TRUSS	9		06	FIREPROOF STEEL	31		23		1.90
12	REFCD CONCRETE	13		07	SPECIAL	35		24		1.95
13	PRESTRESS CONC	14						25		2.00
								QUALITY		
								01	MINIMUM	0.75
								02	FAIR	0.90
								03	AVERAGE	1.00
								04	ABOVE AVERAGE	1.10
								05	EXCELLENT	1.25
								06	SUPERIOR	1.50

SAMPLE

MODEL 07 COMMERCIAL CONSTRUCTION

REST ROOM – PLUMBING POINT SCHEDULE

AREA PER FIXTURE	POINTS
0 - 99	14
100 - 149	13
150 - 189	12
190 - 229	11
230 – 269	10
270 – 309	9
310 - 349	8
350 – 449	7
450 – 559	6
560 – 759	5
760 - 869	4
870 –1159	3
1160 –1759	2
1760 –UP	1

HEIGHT FACTOR

HEIGHT	FACTOR
8-9.9	96%
10-13.9	100%
14-15.9	102%
16-17.9	104%
18-19.9	108%
20-UP	110%

SIZE FACTORS TO BE APPLIED TO TOTAL BUILDABLE AREA.

Auxiliary Areas need to calculate Buildable Areas on Appraisal Cards: APT, BAS, SFB, CRH, CRU, FCP, UCP, FGD, UGD, LLU, LLF, MEZ, EOF, GOF, AOF, FEP, UEP, FOP, UOP, FSP, USP, LAB, SPA, SOL, SCC, SDA, FUS, FUT, UUT, SWH, MWH, WDD

1 - 500	115%	7,001 – 8,000	99%
501 - 700	114%	8,001 – 10,000	98%
701 – 900	113%	10,001 – 12,000	97%
901 – 1,200	112%	12,001 – 14,000	96%
1,201 - 1,600	111%	14,001 - 16,000	95%
1,601 – 2,000	110%	16,001 - 18,000	94%
2,001 - 2,500	109%	18,001 - 20,000	93%
2,501 - 3,000	108%	20,001 - 25,000	92%
3,001 – 3,500	107%	25,001 - 30,000	91%
3,501 – 4,000	106%	30,001 - 40,000	90%
4,001 – 4,500	105%	40,001 - 60,000	89%
4,501 – 5,000	104%	60,001 - 80,000	88%
5,001 – 5,500	103%	80,001 –120,000	87%
5,501 – 6,000	102%	12,001 – 175,000	86%
6,001 – 6,500	101%	175,000 – UP	85%
6,501 – 7,000	100%		

SUBMITTED

AUXILIARY AREAS

DESCRIPTION	ABRV	SFR	MH	CONDO	OFFICE	MULTI	WHSE	COMM
		01	02	03	04	05	06	07
APARTMENT *&	APT	95	0	95	80	100	150	120
ATTIC UNFINISHED	UAT	10	10	10	10	10	10	10
BASE*&	BAS	100	100	100	100	100	100	100
BASE-SEMI FINISHED*&	SFB	80	80	80	80	85	85	85
BASEMENT, FINISHED*&	FBM	85	40	40	50	50	50	50
BASEMENT, UNFINISHED	UBM	20	20	20	30	30	30	20
COLD STORAGE	CST	100	100	140	140	100	300	100
CANOPY	CAN	15	20	20	15	30	40	20
CAROLINA ROOM HEATED*&	CRH	90	90	90	90	90	90	90
CAROLINA ROOM NO HEAT	CRU	75	75	75&	75	75	75	75
CARPORT FINISHED	FCP	25	30	25&	30	35	40	30
CARPORT UNFINISHED	UCP	20	20	20	20	20	60	15
CROW'S NEST	CRN	25	25	25	25	25	20	20
GARAGE FINISHED	FGD	50	60	50	50	55	105	70
GARAGE UNFINISHED	UGD	45	55	45	45	55	105	65
LOADING PLATFORM CVD	CLP	20	40	40	30	30	70	40
LOADING PLATFORM UCVD	ULP	10	20	15	10	15	30	15
LOWER LEVEL BEACH*&	LLB	45	45	45	45	50	50	45
LOWER LEVEL UNFINISHED	LLU	20	30	20	20	20	50	20
LOWER LEVEL SEMI*&	LLS	45	45	45	45	45	80	50
LOWER LEVEL FINISHED*&	LLF	85	90	85	90	90	90	90
MEZZANINE*&	MEZ	100	100	80	90	50	50	60
OFFICE EXCELLENT*&	EOF	120	130	120	130	130	250	140
OFFICE GOOD*&	GOF	110	120	110	120	120	200	130
OFFICE AVERAGE*&	AOF	100	120	100	110	110	150	115
PATIO	PTO	5	10	5	5	5	10	5
PATIO-RAISED	PTI	10	10	10	10	10	10	10
PORCH ENCLOSED HEATED*&	FEP	80	85	80	85	85	90	85
PORCH ENCLOSED UNHEATED	UEP	50	50	50	60	50	60	60
PORCH OPEN FINISHED	FOP	30	30	35	30	30	40	20
PORCH OPEN UNFINISHED	UOP	20	20	25	20	20	30	15
PORCH SCREEN FINISHED	FSP	35	35	40	35	35	45	25
PORCH SCREEN UNFINISHED	USP	25	25	30	25	25	35	20
SCIENTIFIC, LABORATORY*&	LAB	100	100	150	150	100	300	175
SERVICE PRODUCTION AREA*&	SPA	80	80	80	75	75	90	75
SOLARIUM*&	SOL	100	170	125	100	125	220	100
SHELTER, WOODEN POLE	WPS	15	15	15	15	30	40	30
SHELTER RIGID STEEL	RSS	15	15	15	15	30	40	30
STOOP	STP	20	20	30	30	30	90	20
STORAGE FINISHED	FST	45	60	45	50	50	90	60
STORAGE UNFINISHED	UST	40	55	40	40	40	80	50
STORAGE CLIMATE CONTROL*	SCC	50	50	50	75	50	120	75
STORE DISPLAY AREA*&	SDA	90	100	90	100	100	160	100
UPPER STORY FINISHED*&	FUS	90	90	90	80	90	80	80
UPPER STORY FIN OVER GAR*&	FOG	85	85	85	85	90	90	90
UPPER STORY UNFINISHED&	UUS	20	20	50	50	50	50	50
UTILITY FINISHED&	FUT	55	65	50	45	50	70	60
UTILITY UNFINISHED&	UUT	50	60	55	40	45	65	55
VERANDA	VER	20	20	20	0	0	0	0
WAREHOUSE RIGID STEEL&	SWH	0	0	50	35	40	100	50
WAREHOUSE MASONRY&	MWH	0	0	75	50&	55	100	65
WAREHOUSE WOOD FRAME&	WWH	0	0	70	40	40	100	55
WOOD DECK	WDD	20	20	20	15	20	70	60
WOOD DECK 2ND FLOOR	WD2	25	20	25	25	20	45	15

***= Heated area &= Size Factor**

SUBMITTED

QUALITY

The appraiser will determine the QUALITY adjustment by reflecting the quality of workmanship and materials, the location or neighborhood of the structure and the overall desirability of the structure as a combination of all three factors or as a separate entity.

The range of this effect will fall between minimum – (75%) and superior + (150%) as shown in the table below.

Q - L - D	Code	Percent Adjustment
SUPERIOR	6	150%
EXCELLENT	5	125%
ABOVE AVERAGE	4	110%
AVERAGE	3	100%
FAIR	2	90%
MINIMUM	1	75%

SUBMITTED

PHYSICAL DEPRECIATION SCHEDULE

All physical depreciations are based on the effective age or effective year built of the structure to be depreciated. The appraiser will determine the effective age or effective year built by reflecting any modernization or refurbishing to the structure to the extend the useful life of the original structure beyond its normal life span.

PHYSICAL DEPRECIATION(%) SCHEDULE

TABLE NAME												
EFFECTIVE AGE	**A**	**B**	**70**	**60**	**55**	**50**	**45**	**40**	**35**	**30**	**25**	**20**
1	1	1	0	0	0	1	1	1	1	2	2	3
2	2	1	0	1	1	2	1	2	2	3	5	7
3	3	2	0	1	1	3	2	3	4	4	7	10
4	4	2	1	2	2	4	3	4	5	7	10	14
5	5	3	1	2	3	5	4	5	6	9	13	18
6	6	4	1	3	3	6	4	7	8	11	16	22
7	7	5	1	3	4	7	5	9	10	14	19	26
8	8	6	1	4	5	8	6	11	11	16	22	30
9	9	7	2	4	5	9	7	13	13	18	25	35
10	10	8	2	5	6	10	8	15	15	21	29	40
11	11	9	2	5	7	11	9	17	17	24	32	45
12	12	10	2	6	8	12	10	19	19	26	36	50
13	13	11	2	6	9	13	12	21	22	29	40	55
14	14	12	3	7	10	14	13	23	24	32	44	58
15	15	13	3	7	11	15	14	25	26	35	48	60
16	16	14	3	8	12	16	16	27	28	39	52	62
17	17	15	4	8	13	17	18	29	31	42	54	64
18	18	16	4	9	14	18	19	31	34	46	56	66
19	19	17	4	9	16	19	21	33	36	49	58	68
20	20	18	5	10	17	20	23	35	39	50	60	70
21	21	19	5	11	18	21	25	37	42	52	62	
22	22	20	6	12	20	22	27	39	45	54	64	
23	23	21	6	13	21	23	29	41	48	56	66	
24	24	22	7	14	23	24	31	43	52	58	68	
25	25	23	7	15	25	25	33	45	55	60	70	
26	26	24	8	16	27	26	35	47	58	62		
27	27	25	9	17	28	27	37	49	61	64		
28	28	26	9	18	30	28	40	51	62	66		
29	29	27	10	19	32	29	42	53	63	68		
30	30	28	11	20	34	30	45	55	64	70		
31	31	29	12	21	36	31	47	57	65			
32	32	30	13	22	38	32	50	59	66			
33	33	31	14	23	39	33	52	61	67			
34	34	32	15	24	40	34	53	63	69			
35	35	33	16	25	41	36	54	65	70			
36	36	34	17	26	42	38	55	66				
37	37	35	18	27	44	40	56	67				
38	38	36	19	28	45	42	57	68				
39	39	37	20	29	46	44	59	69				
40	40	38	21	30	47	46	61	70				
41	41	39	23	31	48	48	63					
42	42	40	25	32	50	51	65					
43	43	41	26	33	52	54	67					
44	44	42	28	34	54	57	69					
45	45	43	29	35	56	60	70					
46	46	44	31	36	58	62						
47	47	45	32	37	60	64						
48	48	46	34	38	64	66						
49	49	47	36	39	66	68						
50	50	48	38	40	68	70						
51	51	49	40	41	68							
52	52	50	42	42	68							
53	53	51	44	43	69							
54	54	52	46	44	69							
55	55	53	48	45	70							
56	56	54	50	46								
57	57	55	52	47								
58	58	56	54	48								
59	59	57	56	49								
60	60	58	58	50								
61	61	59	59									
62	62	60	60									
63	63	61	61									
64	64	62	63									
65	65	63	65									
66	66	64	66									
67	67	65	67									
68	68	66	68									
69	69	67	69									
70	70	68	70									
71	70	69										
72	70	70										

SUGGESTED

OUTBUILDINGS AND EXTRA FEATURES

The following schedules have been compiled to serve as a replacement cost of applied structures with average quality materials and workmanship. However, cost adjustments may be made by the appraiser by using the grade quality factors if the structures are determined to be of superior or inferior quality.

The column headings are described as follows:

CODE	Independent number assigned to each OB/XF
DESCRIPTION	Describes type of OB/XF
M	Method of pricing: BU = bushels FL = floors GA = gallons HO = holes LF = linear feet SF = square feet SV = sound value UT = units
D	Annual depreciation rate per year of age
M	Minimum quality
F	Fair quality
A	Average quality
G	Above average quality
E	Excellent quality

There will be some buildings and sheds that will not logically fall in one category listed in this manual. Often, these improvements will have very little (if any) value. The appraiser must use his best judgement in affixing a value on these properties. Typically a sound value is assigned.

SUBMITTED

OUTBUILDINGS AND EXTRA FEATURES

Code	Description							
	Data Entry Code-→			(M)	(F)	(A)	(G)	(E)
01	Asphalt Paving	SF	5%	2.25	2.50	3.00	3.50	4.00
02	Activity Building	SF	2%	17.00	21.00	25.00	27.00	29.00
03	Barn (Pole)	SF	5%	7.50	8.00	10.00	11.00	12.00
04	Barn (Stock/Feed)	SF	5%	10.00	12.00	14.00	15.00	16.00
05	Barn (Hay, w/Loft)	SF	5%	15.00	17.00	19.00	21.00	23.00
06	Barn (Milk, w/Loft)	SF	5%	15.00	18.00	19.00	21.00	23.00
07	Barn (Stick Tobacco)	SV	5%	100.00	200.00	300.00	400.00	500.00
08	Barn (Bulk Tobacco)	SF	5%	10.00	15.00	20.00	22.00	25.00
09	Bath House	SF	2%	35.00	37.00	40.00	45.00	70.00
10	Boat House/Shed	SF	3%	16.00	17.00	19.00	16.00	22.00
11	Boat Slip	LF	3%	400.00	700.00	1000.00	1300.00	1500.00
11B	Boat Slip (Bald Head Island)	LF		1,500.00	2,000.00	2,500.00	3,000.00	3,500.00
12	Bulk Head	LF	3%	100.00	150.00	240.00	275.00	325.00
13	Boat Lift	UT	3%	6,000.00	7,000.00	8,000.00	9,000.00	11,000.00
14	Canopy (Ser. Station)	SF	5%	17.00	20.00	25.00	29.00	30.00
15	Carport (Metal)	SF	5%	3.00	3.50	4.00	5.00	6.00
16	Carport (Frame/Pole)	SF	4%	11.00	12.00	14.00	15.00	16.00
17	Car Wash (Self Serve)	SF	3%	23.00	25.00	29.00	30.00	33.00
18	Car Wash (Drive Thru)	SF	2%	47.00	57.00	72.00	87.00	107.00
19	Cabin/Bunk House	SF	2%	26.00	30.00	40.00	45.00	50.00
20	Concession Stand	SF	2%	16.50	17.50	20.00	21.00	22.00
21	Yard Lights****	UT	3%	1900.00	2,200.00	2,700.00	3.200.00	3,700.00
22	Concrete Paving	SF	3%	3.00	4.00	4.50	5.00	6.00
23	Cold Storage	SF	2%	100.00	110.00	120.00	135.00	150.00
24	Amenities	SV		Amenity	Value	Divided by	Condo	Units
25	Dock (Floating)	SF	3%	20.00	25.00	30.00	35.00	40.00
26	Dwelling (Sound Val.)	SV	3%	X.XX	X.XX	X.XX	X.XX	X.XX
27	Deck (Wood)	SF	3%	20.50	22.50	24.00	27.00	29.00
28	Deck Covered	SF	3%	23.00	25.00	27.00	29.00	33.00
29	Elevator (Commercial)	UT	2%	20,000.00	30,000.0	40,000.00	50,000.00	60,000.00
30***	Elevator (Residential)	UT	2%	6,000.00	8,000.00	17,000.00	18,000.00	20,000.00
31***	Elevator (Freight)	UT	2%	6,000.00	12,000.00	22,000.00	24,000.00	26,000.00
32 **	Fencing	LF	3%	7.00	9.00	14.00	22.00	32.00
33	Garage (Metal)	SF	4%	15.00	18.00	20.00	21.00	23.00
34	Garage (Frame/CBL)	SF	2%	25.00	32.00	45.00	49.00	50.00
34B	Garage Bald Head			70.00	76.00	85.00	95.00	105.00
35	Garage (Brick/Stone)	SF	2%	28.00	36.00	48.00	53.00	58.00
36	Garage (With Attic)	SF	2%	38.00	45.00	60.00	61.00	63.00
37	Garage (Service)	SF	2%	24.00	31.00	44.00	48.00	54.00
38	Gazebo	SF	3%	17.00	24.00	30.00	32.00	37.00
39	Greenhouse (Residential)	SF	5%	1.50	2.00	2.50	3.00	3.50
40	Greenhouse (Commercial)	SF	5%	5.00	6.00	7.00	8.00	9.00
41	Grain Bin (Metal)	BU	5%	.75	1.00	1.00	1.00	1.25
42	Guard House	SF	2%	80.00	90.00	100.00	110.00	120.00
43	Golf Course (Reg)	HO		75000.00	10000.00	150000.00	200000.00	225000.00
44	Putt-Putt (Mini Golf)	HO		2,600.00	5,000.00	10,000.00	15,000.00	26,000.00
45 *	Fireplace Models 04/05/06/07	UT		2,500.00	4,200.00	5,500.00	8,500.00	15,000.00
46	Hog House (Parlor)	SF	5%	14.00	16.00	20.00	22.00	26.00
47	Hanger (Airplane)	SF	3%	16.00	17.00	20.00	21.00	23.00
48	Horticultural			X.XX	X.XX	X.XX	X.XX	X.XX
49	Animal Production			X.XX	X.XX	X.XX	X.XX	X.XX
50	Kiln	SF	3%	18.50	19.50	21.00	22.00	26.00
51	Golf Cart Garage (Commercial)	SF	2%	51.00	50.00	60.00	70.00	85.00
52	Lean-To	SF	5%	12.00	13.00	8.00	17.00	18.00
53	Camp Site	SP		500.00	1,000.00	1,500.00	2,000.00	2,300.00
54	Reserved for future use	X		X.XX	X.XX	X.XX	X.XX	X.XX
55	Mobile Home (PER/PRP)	X		X.XX	X.XX	X.XX	X.XX	X.XX
56	Mobile Home Site	SP		2,700.00	2,700.00	2,700.00	2,700.00	2,700.00
57	Mobile Home Park	SP		1,600.00	1,800.00	2,100.00	2,400.00	2,600.00
58	Mobile Home Addition	SF	2%	27.00	37.00	45.00	50.00	55.00

SURVEY

OUTBUILDINGS AND EXTRA FEATURES

Code	Description	M	D					
	Data Entry Code→			(M)	(F)	(A)	(G)	(E)
59	Mobile Home Deck	SF	3%	17.00	20.00	25.00	28.00	30.00
60	Mobile Home UO-Porch	SF	3%	19.00	24.00	27.00	30.00	33.00
61	Mobile Home FO-Porch	SF	3%	23.00	26.00	29.00	32.00	35.00
62	Mobile Home FS-Porch	SF	3%	27.00	28.00	31.00	34.00	37.00
63	Mobile Home FE-Porch	SF	3%	32.00	34.00	38.00	42.00	44.00
64	Mobile Home Canopy	SF	5%	6.00	7.00	8.00	9.00	10.00
65	Mobile Home Patio	SF	3%	5.00	6.00	7.00	9.00	11.00
66	Mobile Home Roof	SF	3%	14.00	16.00	20.00	21.00	22.00
67	Mobile Home (Storage)	SV	3%	X.XX	X.XX	X.XX	X.XX	X.XX
68	Office	SF	1%	70.00	75.00	85.00	90.00	100.00
69	Cemetery Plots	SV		X.XX	X.XX	X.XX	X.XX	X.XX
70	(Res. for future Use)			X.XX	X.XX	X.XX	X.XX	X.XX
71	Crypts	UT	4%	2000.00	3000.00	3500.00	4000.00	5000.00
72	Pier/Dock (Residential)	SF	2%	17.00	22.00	42.00	47.00	52.00
72C	PIER/DOCK COVERED (RESID)			25.00	28.00	50.00	55.00	60.00
73	Pier/Dock (Commercial)	SF	2%	27.00	32.00	52.00	57.00	62.00
74	Ramp (Pier/Dock)	SF	2%	14.50	18.00	26.00	32.00	40.00
75	Quonset/Rigid STL BD	SF	2%	13.50	14.00	18.00	20.00	22.00
76				X.XX	X.XX	X.XX	X.XX	X.XX
77	Railroad Spur	LF		58.00	70.00	80.00	88.00	95.00
78	Shed – Enclosed	SF	3%	16.00	17.00	22.00	24.00	26.00
79	Shed – Open	SF	5%	14.00	16.00	18.00	19.00	20.00
80	Shop (BR/FR/CBL)	SF	2%	20.00	22.50	28.00	30.00	32.00
81	Silo	BU	5%	3.00	3.50	4.00	4.50	5.00
82	Shed (Commercial)	SF	5%	16.00	18.00	20.00	21.00	22.00
83	Generator	UT		3700.00	4700.00	5700.00	6700.00	7700.00
83C	Generator (Commercial)			16500.00	21000.00	32000.00	65000.00	85500.00
83D	Generator Diesel (Comm)			35600.00	76000.00	97500.00	153000.0	206000.00
84	Stable (Horse/Cow)	SF	3%	19.50	21.00	26.00	28.00	30.00
85	Storage/Utility	SF	3%	10.00	13.00	20.00	22.00	26.00
86	Pool (Res.)	SF	3%	31.00	43.00	65.00	83.00	105.00
87	Pool (Comm.)	SF	3%	50.00	65.00	77.00	101.00	125.00
88	Water Slide	LF	4%	300.00	340.00	375.00	410.00	515.00
89	Store (Retail)	SV	3%	X.XX	X.XX	X.XX	X.XX	X.XX
90	Sprinkler System	SF	2%	1.75	2.00	2.50	3.00	3.25
91	Ticket Office	SF	3%	45.00	47.00	51.00	53.00	66.00
92	Tennis Court	SF	4%	5.00	5.75	7.50	7.50	6.50
93	Warehouse (Mini/Stg)	SF	2%	11.00	13.00	16.00	17.00	20.00
94	Warehouse (Frm/Mtl)	SF	2%	11.00	12.00	16.00	18.00	20.00
95	Warehouse (Brick/CBL)	SF	2%	15.00	17.00	20.00	22.00	27.00
96	Warehouse (Rigid/Stl)	SF	2%	10.00	12.00	18.00	20.00	24.00
97	Water Tank (Elv. Stl.)	GA	3%	1.00	1.25	1.50	1.90	2.25
98	Water Tank (Std Pipe)	GA	3%	.50	.70	.80	.90	1.25
99	Miscellaneous Bldg	SV	3%	X.XX	X.XX	X.XX	X.XX	X.XX

NOTE: As it is impossible to obtain local construction cost for all buildings in this section, most values were taken from Marshall & Swift Pricing Service and factored to this area

* 45 NOTE: Prefab Fireplace $800.00 in models 04, 05, 06, 07

** NOTE: Fencing Grades: M-Rail, F-Chain Link, A-Privacy, G-Stucco, E-Brick

*** 30 & 31 A = Ground to base, G = Ground to second Floor , E = Ground to third floor

**** 21 Yard light M-Pole +1 light, F=Pole +2 lights, A=Pole+3, G=Pole+4, E=Pole+>4 lights

SUBMITTED

NOTES CONCERNING OUTBUILDINGS AND EXTRA FEATURES

Code	Description	*Notes*
01	Asphalt Paving	Used for driveways, walkways, parking areas etc. M/F Light Weight, A-Medium Weight, G/E-Heavy Weight
02	Activity Building	Usually found at churches, schools, parks, etc.
03	Barn (Pole)	Open barns to house cattle or material
04	Barn (Stock/Feed)	Used as hay, material or machinery storage or livestock feeding or loafing shed, etc.
05	Barn (Hay, w/Loft)	Used to house cattle for feeding and has a loft area used for hay storage
06	Barn (Milk, w/Loft)	Used for cooling and short-term storage of milk. Loft area may be used for storage
07	Barn (Stick Tobacco)	Old type tobacco curing barns in most modern operations have been phased out
08	Barn (Bulk Tobacco)	Modern commercially built tobacco curing barns
09	Bath House	Used for changing and shower
10	Boat House/Shed	These structures are constructed over water for the housing of boats
11 11B	Boat Slip Boat Slip (BHI)	Pier or dock type structures used to park and tie off boats. Revenue generating
12	Bulk Head	A wall constructed to prevent land erosion. Also called a seawall
13	Boat Lift	Above average and excellent used for elevating boats
14	Canopy (Ser. Station)	Usually aluminum type structure found at service stations and convenience stores
15	Carport (Metal)	Pre-fabricated type structures
16	Carport (Frame/Pool)	Stick built type structures
17	Car Wash (Self Serve)	Small coin-operated washes, for user operation
18	Car Wash (Drive Thru)	Full service drive-thru or tunnel type washes
19	Cabin/Bunk House	Small and cheaply built structures usually found in camping areas
20	Concession Stand	Structures used to house drink and snack machines. May also have toilet facilities
21	Yard Lights	Security lights M=Pole +1 light, F= Pole +2 lights, A=Pole +3 lights, G=Pole +4 lights E=Pole +>4
22	Concrete Paving	Driveways, walkways, parking areas, etc.
23	Cold Storage	Freezer rooms usually found attached to fast food restaurants or super markets
24	Amenities	Condo amenity value is arrived at by dividing total complex amenity value such as pools, tennis courts, etc by total number of units. This value is then entered on the OB/XF section on each card
25	Dock (Floating)	Pier or dock built on floating devices designed to rise and lower with the tide
26	Dwelling (Sound Val.)	Dwellings with little or no remaining value. Appraiser must assign value
27	Deck (Wood)	Any wood decking not attached to a building
28	Deck Covered	Used for covered decks on piers
29	Elevator Commercial	Value is calculated by multiplying number of floors (units) by rate per floor
30	Elevator (Passenger)	Value is calculated by multiplying number of floors (Units) by rate per floor
31	Elevator (Freight)	Value is calculated by multiplying number of floors (Units) by rate per floor
32	Fencing	Appraiser must select price by type of fence and quality from the following: M-Rail (wooden) F-Chain link A-Privacy/Picket G-Stucco E-Brick
33	Garage (Metal)	Pre-fabricated type structures
34	Garage (Frame/CBL)	Stick built type structures
35	Garage (Brick/Stone)	Stick built type structures
36	Garage (With Attic)	Stick built type structures with 2nd floor area usable for living area, game room or storage
37	Garage (Service)	Typical neighborhood garages used for mechanical service
38	Gazebo	A small pavilion or belvedere used as a sitting porch
39	Greenhouse (Res.)	A plastic or glass enclosed structure used to cultivate or store plants
40	Greenhouse (Comm.)	A plastic or glass enclosed structure used to cultivate or store plants
41	Grain Bin (Metal)	Value is calculated by multiplying number of bushels (Units) by rate per bushel (Excellent value is with concrete floor and dryer units)
42	Guard House	A small structure for guards usually found at the entrance of an industrial plant or private subdivision
43	Golf Course (Reg.)	
44	Putt-Putt (Mini Golf)	These are replacement cost for Putt-Putt course for each hole
45	Fireplace	Use for models 04, 05, 06 and 07. Prefab fireplace $800.00
46	Hog House (Parlor)	All types of structures used for the housing of pigs or hogs
47	Hanger (Airplane)	These structures are specifically designed for the housing of airplanes
48	Fire Fee	Used as Horticultural fire fee
49	Fire Fee	Used as Animal production fire fee
50	Kiln	Structure used for the drying of bricks or lumber
51	Golf Cart Garage (Commercial)	Commercial only
52	Lean-To	A shed type structure attached to another building

SUBMITTED

NOTES CONCERNING OUTBUILDINGS AND EXTRA FEATURES

Code	Description	*Notes*
53	Camp Site	M=No services, F=Electric only, A=Water/Electric, G=Full Service,
54	Par 3	Par 3 Golf Course
55	Mobile Home (PER/PRP)	Used to note a mobile home or homes are located on property having no land value
56	Mobile Home Site	1 hook-up (A), 2 hook-ups (F) 3 hook-ups (M) 4 hook-ups (E) 5 hook-ups (G)
57	Mobile Home Park	4-20 hookups (E) 21-40 hookups (G) 41-60 hookups (A) 61-80 hookups (F) 81 & up (M)
58	Mobile Home Addition	Heated or living area attached to a mobile home
59	Mobile Home Deck	Wood or frame deck attached to a mobile home
60	Mobile Home UO-Porch	Unfinished open porch attached to a mobile home
61	Mobile Home FO-Porch	Finished open porch attached to a mobile home
62	Mobile Home FS-Porch	Finished screen porch attached to a mobile home
63	Mobile Home FE-Porch	Finished enclosed porch attached to a mobile home
64	Mobile Home Canopy	Metal or frame canopy attached to a mobile home
65	Mobile Home Patio	Concrete or brick patio attached to a mobile home
66	Mobile Home Roof	Replacement roof built over a mobile home
67	Mobile Home (Storage)	Mobile homes with little or no value, however, mobile home is being utilized as storage
68	Office	Any type of unattached office structure
69	Cemetery Plots	40 square feet to a plot
70	Reserved for future use	XXX
71	Crypts	Mausoleum
72	Pier/Dock (Res.)	All residential type piers
72C	Covered Dock	
73	Pier/Dock (Comm)	All commercial type piers
74	Ramp (pier/Dock)	Ramp from dock to pier6
75	Quonset/Rigid STL BD	All types of Quonset or metal on rigid steel frame type structures for farm or commercial use
76	Reserved for future use	XXX
77	Railroad Spur	Side track or spur running from an industrial or commercial building to the main line
78	Shed – Enclosed	All types of fully enclosed farm sheds
79	Shed – Open	All types of open farm sheds
80	Shop (BR/FR/CBL)	Residential type work shop
81	Silo (Concrete)	Value per bushel (E) Porcelain/Glass (G) Brick (A) Conc/Stave (F) Conc block (M) Conc.Block
82	Shed commercial	Usually open sheds used at Lumber Yards either wood or steel
83	Generator	M=6-8KW F=9-11KW A=12-14KW G=15-17KW E=18KW or more
84	Stable (Horse/Cow)	Structure designed for the housing of horses or cows
85	Storage/Utility	All types of residential storage buildings
86	Pool (Residential.)	In ground residential pools only
87	Pool (Commercial)	In ground commercial pools only
88	Water Slide	Commercial water slides usually found at resort type areas. Price per linear foot of sliding surface includes site preparation supports, landing pond, pump and chlorine filtration system.
89	Store (Retail)	Old country retail stores with little or no value. The appraiser must assign a sound value.
90	Sprinkler System	Wet or dry sprinkler system usually found in commercial and industrial type buildings. Must enter building base area in unit section.
91	Ticket Office	Ticket office usually found at ballparks, fairgrounds etc.
92	Tennis Court	Price does not include fencing
93	Warehouse (Mini/Stg)	Warehouses designed for rental purposes. Price includes all doors and interior partitions.
94	Warehouse (Frm/Mtl)	Commercial, industrial type warehouses
95	Warehouse (Brick/CBL)	Commercial, industrial type warehouses
96	Warehouse (Rigid/Stl)	Commercial, industrial type warehouses
97	Water Tank (Elv. Stl.)	Value is calculated by multiplying number of gallons (units) by rate per gallon
98	Water Tank (Std Pipe)	Value is calculated by multiplying number of gallons (units) by rate per gallon
99	Miscellaneous Building	There will be a great number of buildings and sheds that will not logically fall in one category listed in this manual. Often, these improvements will have little (if any) value. The appraiser must use his best judgement in affixing a value on these improvements. It is acceptable for the appraiser to group these misc. out buildings together and assign a single value collectively.

DRAFTED

LAND USE CODES

CODE	DESCRIPTION
0100	SINGLE FAMILY RESIDENTIAL
0101	SINGLE FAMILY RESIDENTIAL COMMON AREA
0102	SINGLE FAMILY RESIDENTIAL CANAL
0103	SINGLE FAMILY RESIDENTIAL RIVER OR CREEK
0104	SINGLE FAMILY RESIDENTIAL WATERWAY
0105	SINGLE FAMILY RESIDENTIAL 2ND ROW
0106	SINGLE FAMILY RESIDENTIAL 3RD ROW
0107	SINGLE FAMILY RESIDENTIAL OCEAN FRONT
0108	SINGLE FAMILY RESIDENTIAL MARSH
0109	SINGLE FAMILY RESIDENTIAL RIPARIAN RIGHTS
0110	RESIDENTIAL RURAL ACREAGE
0111	SINGLE FAMILY RESIDENTIAL ACREAGE LAKE
0112	SINGLE FAMILY RESIDENTIAL ACREAGE CANAL
0113	SINGLE FAMILY RESIDENTIAL ACREAGE RIVER
0114	SINGLE FAMILY RESIDENTIAL ACREAGE INLAND WATERWAY
0115	SINGLE FAMILY RESIDENTIAL IMPROVED CAMA
0116	SINGLE FAMILY RESIDENTIAL ESTATE LOTS
0117	SINGLE FAMILY RESIDENTIAL ACREAGE OCEAN FRONT
0118	SINGLE FAMILY RESIDENTIAL ACREAGE/MARSH/ESTATE
0120	SINGLE FAMILY RESIDENTIAL OCEAN VIEW
0121	SINGLE FAMILY RESIDENTIAL CONCRETE CANAL
0130	SINGLE FAMILY RESIDENTIAL WATER FRONTAGE
0131	SINGLE FAMILY RESIDENTIAL WATERFRONT ESTATE LOTS
0136	SINGLE FAMILY RESIDENTIAL MARINA LOT
0140	SINGLE FAMILY RESIDENTIAL GOLF COURSE FRONTAGE
0141	SINGLE FAMILY RESIDENTIAL GOLF COURSE ESTATE LOTS
0150	SINGLE FAMILY RESIDENTIAL WATER ACCESS
0156	SINGLE FAMILY RESIDENTIAL WATER VIEW
0158	SINGLE FAMILY RESIDENTIAL NATURE
0159	SINGLE FAMILY RESIDENTIAL SOUND
0160	SINGLE FAMILY RESIDENTIAL BEACH
0161	BALD HEAD ISLAND CROFTER
0181	PATIO HOME
0182	PATIO HOME COMMON AREA
0183	PATIO HOME CANAL
0184	PATIO HOME RIVER OR CREEK
0185	PATIO HOME INLAND WATERWAY
0186	PATIO HOME 2ND ROW
0187	PATIO HOME 3RD ROW
0188	PATIO HOME OCEAN FRONT
0189	PATIO HOME MARSH
0190	PATIO HOME RIPARIAN RIGHTS
0191	PATIO HOME RURAL ACREAGE
0192	PATIO HOME OCEAN VIEW
0193	PATIO HOME WATER FRONTAGE
0194	PATIO HOME GOLF COURSE FRONTAGE
0195	PATIO HOME WATER VIEW
0196	PATIO HOME NATURE
0197	PATIO HOME SOUND
0198	PATIO HOME BEACH
0199	PATIO HOME BAY
0200	MOBILE HOME SUBDIVISION
0201	MOBILE HOME COMMON AREA
0204	MOBILE HOME SUBDIVISION GOLF COURSE
0210	MANUFACTURED HOME PARK
0230	MOBILE HOME ACREAGE
0301	CONDOMINIUM COMMON AREA
0310	CONDOMINIUM RURAL ACREAGE
0321	CONDOMINIUM BEACH COMMON AREA
0330	CONDOMINIUM BEACH ACREAGE
0340	TOWNHOUSE
0341	TOWNHOUSE COMMON AREA
0342	TOWNHOUSE CANAL
0343	TOWNHOUSE RIVER OR CREEK
0344	TOWNHOUSE INLAND WATERWAY
0345	TOWNHOUSE 2ND ROW
0346	TOWNHOUSE 3RD ROW
0347	TOWNHOUSE OCEAN FRONT
0348	TOWNHOUSE MARSH
0349	TOWNHOUSE RIPARIAN RIGHTS
0350	TOWNHOUSE RURAL ACREAGE

SUBMITTED

*Land codes here are guidelines and are used at the discretion of the appraiser.

LAND USE CODES

CODE	DESCRIPTION
0351	TOWNHOUSE OCEAN VIEW
0352	TOWNHOUSE WATER FRONTAGE
0353	TOWNHOUSE GOLF COURSE FRONTAGE
0354	TOWNHOUSE WATER VIEW
0355	TOWNHOUSE NATURE
0356	TOWNHOUSE SOUND
0357	TOWNHOUSE BEACH
0358	TOWNHOUSE BAY
0417	OFFICE
0418	OFFICE-5 STORIES-HIGH RISE
0419	MEDICAL OFFICE BUILDING
0420	MEDICAL CONDOMINIUM
0421	OFFICE COMMON AREA
0423	BANK
0424	OFFICE CONDOMINIUM
0431	DAY CARE CENTER
0500	MULTI FAMILY
0501	MULIT FAMILY COMMON AREA
0502	MULTI FAMILY CANAL
0503	MULTI FAMILY RIVER OR CREEK
0504	MULTI FAMILY INLAND WATERWAY
0505	MULTI FAMILY 2ND ROW
0506	MULTI FAMILY 3RD ROW
0507	MULTI FAMILY OCEAN FRONT
0508	MULTI FAMILY MARSH
0509	MULTI FAMILY REPARIAN RIGHTS
0510	MULTI FAMILY ACREAGE
0511	MULTI FAMILY OCEAN VIEW
0512	MULTI FAMILY WATER FRONTAGE
0515	MULTI FAMILY GOLF COURSE FRONTAGE
0516	MULTI FAMILY WATER VIEW
0517	MULTI FAMILY NATURE
0518	MULTI FAMILY SOUND
0519	MULTI FAMILY BEACH
0520	MULTI FAMILY BAY
0521	MULTI FAMILY LESS THAN 5 UNITS
0522	MULTI FAMILY RESORT
0523	MULTI FAMILY LESS THAN 5 UNITS RESORT
0524	MULTI FAMILY LESS THAN 5 UNITS RESORT COMMON AREA
0525	MULTI FAMILY LESS THAN 5 UNITS RESORT CANAL
0526	MULTI FAMILY LESS THAN 5 UNITS RESORT RIVER OR CREEK
0527	MULTI FAMILY LESS THAN 5 UNITS RESORT INLAND WATERWAY
0528	MULTI FAMILY LESS THAN 5 UNITS RESORT 2ND ROW
0529	MULTI FAMILY LESS THAN 5 UNITS RESORT 3RD ROW
0530	MULTI FAMILY LESS THAN 5 UNITS RESORT OCEAN FRONT
0531	MULTI FAMILY LESS THAN 5 UNITS RESORT MARSH
0532	MULTI FAMILY LESS THAN 5 UNITS RESORT RIPARIAN RIGHTS
0533	MULTI FAMILY LESS THAN 5 UNITS RESORT RURAL ACREAGE
0534	MULTI FAMILY LESS THAN 5 UNITS RESORT OCEAN VIEW
0535	MULTI FAMILY LESS THAN 5 UNITS RESORT WATER FRONT
0536	MULTI FAMILY LESS THAN 5 UNITS RESORT GOLF COURSE FRONTAGE
0537	HOTEL MOTELS- 3 FLOORS OR MORE
0538	MULTI FAMILY LESS THAN 5 UNITS RESORT NATURE
0539	HOTEL MOTEL LESS THAN 3 FLOORS
0540	MULTI FAMILY LESS THAN 5 UNITS RESORT BEACH
0541	MULTI FAMILY LESS THAN 5 UNITS BAY
0629	MINI WAREHOUSE
0640	INDUSTRIAL-LIGHT & HEAVY MANUFACTURING, LUMBER YARDS
0641	LIGHT MANUFACTURING
0642	HEAVY MANUFACTURING
0643	FERTILIZER PLANT
0644	PACKING
0645	BOTTLER
0646	SWINE OPEN OR PRODUCTION
0647	MINERAL PRODUCTION
0648	WAREHOUSE
0649	OPEN STORAGE
0650	SEAFOOD PRODUCTION
0651	BOAT STORAGE

*Land codes here are guidelines and are used at the discretion of the appraiser.

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LAND USE CODES

CODE	DESCRIPTION
0700	COMMERCIAL
0701	COMMERCIAL COMMON AREA
0702	COMMERCIAL CONDO
0703	COMMERCIAL OCEAN FRONT
0704	COMMERCIAL WATER FRONTAGE
0705	COMMERCIAL INDLAND WATERWAY
0711	CONVENIENCE STORE
0712	CAR WASH
0713	STRIP COMMERCIAL
0714	BIG BOX (STAND ALONE)
0715	SHOPPING CENTER (Mall)
0716	SHOPPING CENTER (Strip)
0721	RESTAURANT AND CAFETERIA
0722	FAST FOOD
0724	LAUNDROMAT/DRY CLEANER
0725	ELECTRIC REPAIR
0726	SERVICE STATION
0727	AUTO SALES, REPAIR & STORAGE, FARM MACHINERY SALES/SERVICE
0728	PARKING
0730	LABORATORY
0732	THEATER
0733	LOUNGE, NIGHT CLUB, BAR
0734	BOWLING ALLEY, SKATING RINK, ARENA
0735	TOURIST ATTRACTIONS, PERMANENT EXHIBITS
0736	CAMPS
0738	FURNITURE STORE
0757	DRUG STORE
0781	MARINA LAND
3602	FISHING PIERS
3603	WET SLIP
3604	DRY STACK COVERED
3605	DRY STACK UNCOVERED
3606	BOAT LANDING COMMUNITY
3607	BOAT LANDING PUBLIC
5001	BUILDING SITE
5003	BUILDING SITE RIVER
5004	BUILDING SITE WATERWAY
5007	BUILDING SITE COMMERCIAL
5008	BUILDING SITE LAKE/MARSH
6300	MARSH ACRES
6400	MARSH LOTS
6610	SPOIL FILL AREA
6620	BROWNFIELD
6700	POULTRY, BEES, TROPICAL FISH
6800	DAIRY, FEED LOT
6900	TOBACCO
6910	PEANUTS
7001	NON-PROFIT WATER AND SEWAGE COMPANY
7100	CHURCH
7101	ASSEMBLY, RETREAT, ETC.
7200	SCHOOLS, COLLEGES (Private)
7300	HOSPITAL (Private)
7400	HOME FOR AGED
7401	YMCA
7402	DISABLED VETERANS HOUSING
7403	LOW INCOME HOUSING
7500	ORPHANAGES
7600	CEMETERY
7700	CLUB, LODGE, UNION HALL, CIVIC COMMUNITY ORGANIZATION
7705	PROPERTY OWNERS' ASSOCIATION CLUBHOUSE
7710	YACHT CLUB
7720	RETREATS
7800	PRIVATE GOLF COURSE
7801	PAR'3' GOLF COURSE
7802	MINIATURE GOLF COURSE
7803	PUBLIC GOLF COURSE-REGULATION
7804	SEMI-PRIVATE GOLF COURSE
8000	PUBLIC SCHOOL, PUBLIC COLLEGE, PUBLIC HOSPITAL, OTHER

*Land codes here are guidelines and are used at the discretion of the appraiser.

SUBMITTED

LAND USE CODES

CODE	DESCRIPTION
9000	LEASEHOLD INTEREST
9010	NO LAND INTEREST
9100	UTILITY (GAS, ELECTRIC, TELEPHONE, TELEGRAPH, RAILROAD)
9110	CELL TOWER
9111	BILL BOARDS
9200	MINING
9300	PETROLEUM & GAS
9400	RIGHT OF WAY
9410	CONSERVATION EASEMENTS/LAND
9500	LAKE/POND
9501	ISLAND
9502	ISLAND MARSH
9507	ISLAND OCEAN
9600	WASTELAND, GULLY, FLOOD PLAIN, ROCK OUTCROP, NON-BUILDABLE LOT
9601	NO PERK LOT RESIDENTIAL
9602	NO PERK LOT MOBILE HOME
9603	NO PERK ACREAGE
9604	OCEAN FRONT EROSION CAMA
9605	UNDERWATER LOT
9700	MINERAL RIGHTS
9800	VACANT LAND
9999	NEW ADD

*Land codes here are guidelines and are used at the discretion of the appraiser.

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GOLF COURSES

Assessors consider three methods to estimate a property's fair market value: the sales comparison (market), income, and cost approaches. See Section 3, "Approaches to Value", for more information. In applying the three approaches to a golf course facility, the appraiser must investigate and identify factors that establish or influence value. In all three approaches, the appraiser should establish the true market value of the real property only as set out in the Machinery Act and take into consideration the value of personal property (tangible or intangible), if any, see definitions N.C.G.S.105-273.

Courses are grouped into price classifications with a limited description of what the price includes. Courses may fit into one class by sheer length (1,000 to 7,000 yards) and another by gross area covered (80 to 750 acres) or by overall quality, in which case, interpolations may be made. Generally, simpler courses will require little clearing or grading, encompass minimal acreage, has easy playing holes, and/or minimal irrigation, while good courses may include extensive site work and/or irrigation over large acreage with well-designed holes. Price includes normal grading, sprinkler systems, service roads and cart paths and architect fees.

(E)	**Excellent-Championship:**	**$225,000 per hole**
(G)	**Good:**	**$200,000 per hole**
(A)	**Average:**	**$150,000 per hole**
(F)	**Fair:**	**$100,000 per hole**
(M)	**Minimum**	**$75,000 per hole**

To derive a market value estimate of the golf course using the cost approach, depreciation is deducted from the replacement or reproduction cost of the improvements. The depreciation attributable to a golf course may be physical, functional, or external and result from a variety of conditions.

INCOME VALUATION OF A GOLF COURSE

STEP	**1 – Estimated annual rounds played**		**_____**
	2 – Multiply by estimated rate per round	**X**	**$_____**
	3 – Gross income attributed to green fees and cart	**=**	**$_____**
	4 – Remaining gross income	**+**	**_____**
	5 – Estimated total gross income	**=**	**$_____**
	6 – Subtract normal annual operating expense	**-**	**_____**
	7 – Estimated net operating income	**=**	**$_____**
	8 – Capitalized at the rate of	**÷**	**Market rate (estimated 10%-14%)**
	9 – Indicated value by income approach	**=**	**$_____**

The preceding formula and capitalization rate will be used to determine value by the income approach of a golf course before consideration of the value of personal property (tangible and intangible), if any. Estimated annual rounds played, rate per round, estimated income and expense will be used when actual figures are not feasible or unattainable. Estimates are derived from market data.

SALES COMPARISON

When recent golf course sales data is available, the appraiser should analyze each transaction in the market area and make appropriate adjustments to arrive at true market value of the subject golf course. Sales for the golf course developments in distant locations may be considered if the market dynamics are similar and they can be adjusted without applying unreasonable assumptions.

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LAND VALUATION

The following pages contain Base Price Ranges for all areas of Brunswick County by Township. Neighborhoods, within these Townships, were arrived at by the land appraisal department, and are an attempt to group properties with other properties which have similar locations and market influences. These Base Price Ranges are very broad and represent only the extreme high and low values which could possibly occur in each area. The actual land values assigned to each parcel vary greatly between the ranges and can only be determined by looking at the market.

LAND VALUE SCHEDULES

The effects of neighborhood delineation, land use and zoning are applied to all base values to arrive at a value reflective of the market as of January 1, 2023.

The township land tables for Brunswick County, North Carolina are displayed on the following pages.

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LAND VALUE SCHEDULE BY TOWNSHIP

TOWNSHIP 1 NORTHWEST	LOW	HIGH
BASE ACREAGE	**$100**	**$350,000**
BASE FRONT FEET	**$200**	**$6,500**
BASE SQUARE FOOT	**$2.50**	**$17.00**
BASE LOT	**$100**	**$275,000**
BASE UNIT	**$0**	**$125,000**

Including but not limited to

Navassa
Leland
Northwest
Sandy Creek

TOWNSHIP 2 TOWN CREEK	LOW	HIGH
BASE ACREAGE	**$100**	**$500,000**
BASE FRONT FEET	**$200**	**$6,500**
BASE SQUARE FOOT	**$2.50**	**$20.00**
BASE LOT	**$100**	**$250,000**
BASE UNIT	**$0**	**$125,000**

Including but not limited to

Leland
Boiling Spring Lakes
Bolivia
Bellville

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LAND VALUE SCHEDULE BY TOWNSHIP

TOWNSHIP 3&4 SMITHVILLE	LOW	HIGH
BASE ACREAGE	**$100**	**$1,200,000**
BASE FRONT FEET	**$200**	**$15,000**
BASE SQUARE FOOT	**$2.25**	**$35.00**
BASE LOT	**$100**	**$1,500,000**
BASE UNIT	**$0**	**$450,000**

Including but not limited to

Oak Island
St. James Plantation
Southport
Caswell Beach
Bald Head Island

TOWNSHIP 5 LOCKWOOD FOLLY	LOW	HIGH
BASE ACREAGE	**$100**	**$800,000**
BASE FRONT FEET	**$100**	**$5,000**
BASE SQUARE FOOT	**$1.50**	**$40.00**
BASE LOT	**$100**	**$900,000**
BASE UNIT	**$0**	**$175,000**

Including but not limited to
Holden Beach
Varnamtown

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LAND VALUE SCHEDULE BY TOWNSHIP

TOWNSHIP 6 SHALLOTTE	LOW	HIGH
BASE ACREAGE	**$100**	**$1,200,000**
BASE FRONT FEET	**$150**	**$6,000**
BASE SQUARE FOOT	**$1.50**	**$35.00**
BASE LOT	**$100**	**$1,400,000**
BASE UNIT	**$0**	**$150,000**

Including but not limited to

Calabash
Sunset Beach
Ocean Isle Beach
Shallotte

TOWNSHIP 7 WACCAMAW	LOW	HIGH
BASE ACREAGE	**$100**	**$150,000**
BASE FRONT FEET	**$200**	**$5,000**
BASE SQUARE FOOT	**$1.50**	**$15.00**
BASE LOT	**$100**	**$75,000**
BASE UNIT	**$0**	**$125,000**

Including but not limited to
Ash
Exum

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*LAND MODELS**

Currently there are Six different land models in use with the Appraisal System most of which when properly used should give reliable results.

Models 1, 2 and 3 are depth tables modeled after the Somers curve and standard depths:

Model 0	Unit/Lot/Acreage/Square Feet/Front Feet Values
Model 1	100 Feet Standard Depth
Model 2	150 Feet Standard Depth
Model 3	200 Feet Standard Depth
Model 4	Rural/Residential Acreage
Model 5	Present Use

**Model used is the independent judgment of the appraiser.*

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LAND MODEL 0 – UNIT/LOT/ACREAGE/SQUARE FEET/FRONT FEET VALUES

Lots or acreage within a neighborhood are assigned a base value. Adjustments can then be made to each individual parcel for factors such as: access, topography, wetlands, location, shape, easements, right of ways, percolation, or any other factor that may positively or negatively influence the value of the parcel.

Pricing Guidelines for valuing excess Land of Residential Lots when using land model 0:

Excess Land on Residential Lots:

The value of excess land in residential lots varies from area to area depending on what the buyer is looking for. In many new subdivision small lots with small yards is desirable and in such subdivisions excessive size may yield no additional value. In subdivisions that appeal to buyers that are looking for large lots that provide more privacy and room for outdoor activities, excess land is desirable and should be reflected in the appraised value.

The appraiser when appraising a neighborhood must decide how to appraise excess land. Some suggested guidelines are:

1) Make no adjustment
2) Use the percentage rule. Decide what the average lot size is and set the base lot price. Adjust lots that are larger or smaller by valuing the difference at a percentage of value based on market data. This approach is especially useful when converting older subdivisions from front footage to lot pricing but can also be used in modern subdivision.
   - Example 1: Typical lot size is 75 feet and the subject lot is 90 feet. 90/75 = 120% or the subject is 20% larger. 20% x 50% = +10% Size Adjustment.
   - Example 2: Typical lot size is 75 feet and subject lot is 60 feet. 60/75 = 80% or the subject is 20% smaller. -20% x 50% = -10% Size Adjustment.
   - Example 3: Typical lot size is .75 acres and the subject lot is 1.25 acres. 1.25/.75 = 1.67% or the subject is 67% larger. +67% x 50% = +33% say +35 Size Adjustment.

   If it is determined that the lot is unbuildable due to the zoning requirements multiply the result of the calculation by an adjustment factor that reflects market conditions.

For parcels that do not have access to a sewer system, consideration must be given if the parcel has had a site evaluation or preliminary evaluation performed by the Health Department or a Licensed Soil Scientist which resulted in it being deemed unsuitable. Before determining the amount of adjustment to be made information must be received to determine what restriction have been place on the lot.

Adjustments will be based on Comparable sales and Appraised at Fair Market Value.

The adjustment factor should be netted against any existing condition factor. Once public sewer is available this adjustment is to be removed.

Example: The lot as a base price of $80,000 and a 110% condition for size yielding a total land value of $88,000 and it is determined that the lot is unsuitable for any type of septic system and the Perk adjustment is -80% or 20% good, total adjustment for the parcel is 20% x 110% = 22% rounded to 20% PERK/SIZE. Note the amount of Perk adjustment in the land line note field.

*Model used is the independent judgment of the appraiser.

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LAND MODEL #1
DEPTH FACTOR TABLE
100 FEET STANDARD DEPTH

Depth	Depth Factor
10-12	.26
13-16	.33
17-20	.40
21-24	.45
25-28	.50
29-32	.55
33-36	.59
37-40	.63
41-44	.67
45-48	.70
49-52	.72
53-55	.75
56-59	.78
60-63	.81
64-67	.83
68-71	.85
72-75	.87
76-79	.89
80-83	.91
84-87	.93
88-91	.95
92-95	.97
96-98	.98
99-101	1.00
102-103	1.02
104-106	1.03
107-110	1.04
111-114	1.05
115-118	1.06
119-122	1.07
123-128	1.09
129-134	1.11
135-140	1.12
141-146	1.14
147-152	1.15
153-158	1.16
159-164	1.17
165-169	1.18
170-175	1.19
176-181	1.20
182-187	1.20
188-193	1.21
194-199	1.22
200-UP	1.22

SUBMITTED

Model used is the independent judgment of the appraiser.

LAND MODEL #2
DEPTH FACTOR TABLE
150 FEET STANDARD DEPTH

Depth	Depth Factor
10-12	.18
13-17	.25
18-22	.29
23-27	.36
28-32	.41
33-37	.46
38-42	.51
43-47	.55
48-52	.59
53-57	.62
58-62	.65
63-67	.69
68-72	.72
73-77	.74
78-82	.77
83-87	.79
88-92	.81
93-97	.83
98-102	.85
103-107	.87
108-112	.89
113-117	.91
118-122	.93
123-127	.94
128-132	.96
133-137	.97
138-142	.98
143-147	.99
148-152	1.00
153-157	1.01
158-162	1.03
163-167	1.03
168-172	1.04
173-182	1.05
183-187	1.06
188-205	1.07
206-215	1.08
216-225	1.09
226-245	1.10
246-255	1.11
256-275	1.12
276-295	1.13
295-310	1.14
311-330	1.15
331-370	1.16
371-410	1.17
411-470	1.18
471-510	1.19
511-550	1.20
551-590	1.21
591-UP	1.22

SUBMITTED

**Model used is the independent judgment of the appraiser.*

LAND MODEL #3
DEPTH FACTOR TABLE
200 FEET STANDARD DEPTH

Depth	Depth Factor
10-12	.14
13-17	.19
18-22	.25
23-27	.30
28-32	.34
33-37	.37
38-42	.41
43-47	.45
48-52	.49
53-57	.52
58-62	.55
63-67	.58
68-72	.60
73-77	.63
78-82	.65
83-87	.68
88-92	.70
93-97	.72
98-102	.74
103-107	.76
108-112	.78
113-117	.80
118-122	.82
123-127	.83
128-132	.85
133-137	.86
138-142	.88
143-147	.89
148-152	.90
153-157	.92
158-162	.93
163-167	.94
168-172	.95
173-177	.96
178-182	.97
183-187	.97
188-192	.98
193-197	.99
198-202	1.00
203-207	1.01
208-222	1.02
223-232	1.03
233-242	1.04
243-252	1.05
253-267	1.06
268-277	1.07
278-297	1.08
298-315	1.09
316-335	1.10
336-355	1.11
356-375	1.12
376-395	1.13
396-430	1.14
431-450	1.15
451-530	1.16
531-UP	1.17

**Model used is the independent judgment of the appraiser.*

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LAND MODEL #4

The main factor which influences values in this method is the amount of land when used at its highest and best use to provide an adequate return on investment. This land is referred to as usable land and appraised in accordance to prices which are assigned to geographic areas within the county. (This price is to be referred to as the Base Price). The base price area is determined by using sales information to group properties of similar market value into well defined boundaries. Once the Base Price Method is applied to a given parcel, condition factors may be used to adjust the value when compared to comparable parcels which have recently sold.

Many factors must be considered before a true market analysis can be obtained. These factors are location, size, shape, road frontage, type of access and topography. The following is a description of how these factors affect each parcel of rural acreage:

A. Location:

Location is the key factor in the determination of market value in the county. Depending on market demand and sales prices, locational areas (Base Price Areas) were established for the entire county. Within each base price area, locational factors may be applied to adjust a given parcel. The concept of neighborhood homogeneity may cause values to fluctuate as the parcel comes more under the influence of the neighborhood and less under the influence of the total base area. The market demands higher prices for property in or near active market areas. Desirable subdivisions, availability of water and sewer, proximity to shopping areas, high base price areas and the existence of amenities are factors which tend to increase market demand. The inverse may be true for parcels near declining or undesirable areas. These influences must be determined and adjusted on an individual basis by the appraiser.

B. Size

The size of a parcel plays a major role in determining the per acre price at which a parcel of land will sell. The total price asked for a parcel of land has an indirect correlation with the number of potential buyers in the market. This situation stimulates more price negotiation and longer turnover periods for large tracts. Consequently, the actual cash value per acre decreases as the size of the parcel increases.

The value of small lots containing less than one acre depend greatly on zoning and health department restrictions. Therefore, these lots may be priced by the lot or by front footage. Tracts one acre or greater are to be priced using the base price in conjunction with the following size factor chart:

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SIZE ADJUSTMENTS FOR RURAL ACREAGE

0.01-0.49 Acres	280%	5.11-5.20 Acres	141%	80.01-90.00 Acres	93%
0.50-0.70	260%	5.21-5.30	139	90.01-100.00	92
0.71-0.80	250	5.31.5.40	137	100.01-110.00	91
0.81-1.10	240	5.41-5.60	135	110.01-115.00	90
1.11-1.20	235	5.61-5.80	133	115.01-120.00	89
1.21-1.30	230	5.81-6.00	132	120.01-125.00	88
1.31-1.40	225	6.01-6.20	131	125.01-130.00	87
1.41-1.50	222	6.21-6.40	130	130.01-135.00	86
1.51-1.60	219	6.41-6.60	129	135.01-140.00	85
1.61-1.70	216	6.61-6.80	128	140.01-145.00	84
1.71-1.80	212	6.81-7.00	127	145.01-150.00	83
1.81-1.90	209	7.01-7.30	126	150.01-155.00	82
1.91-2.00	206	7.31-7.60	125	155.01-160.00	81
2.01-2.10	204	7.61-7.90	124	160.01-165.00	80
2.11-2.20	202	7.91-8.20	123	165.01-170.00	79
2.21-2.30	200	8.21-8.50	122	170.01-175.00	78
2.31-2.40	198	8.51-8.80	121	175.01-180.00	77
2.41-2.50	196	8.81-9.10	120	180.01-185.00	76
2.51-2.60	194	9.11-9.40	119	185.01-190.00	75
2.61-2.70	192	9.41-9.70	118	190.01-195.00	74
2.71-2.80	190	9.71-10.00	117	195.01-200.00	73
2.81-2.90	188	10.01-10.50	116	200.01-205.00	72
2.91-3.00	186	10.51-11.00	115	205.01-210.00	71
3.01-3.10	184	11.01-11.50	114	210.01-215.00	69
3.11-3.20	182	11.51-12.00	113	215.01-220.00	68
3.21-3.30	180	12.01-12.50	112	220.01-225.00	67
3.31-3.40	178	12.51-13.00	111	225.01-230.00	66
3.41-3.50	176	13.01-13.50	110	230.01-235.00	65
3.51-3.60	174	13.51.-14.00	109	235.01-240.00	64
3.61-3.70	172	14.01-14.50	108	240.01-245.00	63
3.71-3.80	170	14.51-15.00	107	245.01-250.00	62
3.81-3.90	168	15.01-15.50	106	250.01-255.00	61
3.91-4.00	165	15.51-16.00	105	255.01-260.00	60
4.01-4.10	163	16.01-17.00	104	260.01-265.00	59
4.11-4.20	161	17.01-18.00	103	265.01-270.00	58
4.21-4.30	159	18.01-19.00	102	270.01-275.00	57
4.31-4.40	157	19.01-20.00	101	275.01-280.00	56
4.41-4.50	155	20.01-25.00	100	280.01 and up	55
4.51-4.60	153	25.01-30.00	99		
4.61-4.70	151	30.01-40.00	98		
4.71-4.80	149	40.01-50.00	97		
4.81-4.90	147	50.01-60.00	96		
4.91-5.00	145	60.01-70.00	95		
5.01-5.10	143	70.01-80.00	94		

NOTE: Predetermined table within system

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C. Road Frontage:

The market tends to recognize parcels containing 10 acres or less as residential home sites. Tracts of this size are more desirable if they have at least 26% - 30% road frontage. Sales of large tracts, which have the potential for development, tend to reflect the amount of road frontage in relation to total parcel size. Parcels containing more than ten acres are considered to have adequate frontage if 10% of the total acres is in road frontage. Dividing the number of acres of road frontage (1 Acre = 208' X 208') by the total acreage, yields the percent of frontage to total acreage. This percent when applied to the following chart produces a plus or minus factor to be applied to each parcel.

Percent Frontage To Total Acreage	0 - 10 Acres	10.01 Acres and Up
.1 - .9	-22%	-18%
1 - 1.9	-21%	-16%
2 - 2.9	-20%	-14%
3 - 3.9	-19%	-12%
4 - 4.9	-18%	-10%
5 - 5.9	-16%	-8%
6 - 6.9	-14%	-6%
7 - 7.9	-12%	-4%
8 - 8.9	-10%	-2%
9 - 11.9	-8%	0%
12 - 15.9	-6%	+2%
16 - 20.9	-4%	+4%
21 - 25.9	-2%	+6%
26 - 30.9	-00	+8%
31 - 35.9	+2%	+11%
36 - 40.9	+4%	+14%
41 - 50.9	+7%	+17%
51 - 60.9	+10%	+20%
61 - 70.9	+15%	+23%
71 - 80.9	+20%	+26%
81 - 100.9	+30%	+30%

NOTE: Predetermined table within system

NOTE: Parcels that front on intersections or corners will be adjusted so that usable frontage will be considered only once

D. Access:

1. Paved – This is considered to be the norm and no adjustment is needed.
2. Dirt – Parcels located on dirt roads are reduced 15% for access.
3. No State Maintained Access – Parcels having no access are useful mainly as add on property for adjoining owners which have access. Residential use is limited on these parcels, therefore, small tracts do not show the dramatic increase in per acre price.
4. No Public Access – Private Drive. These parcels have an established access to the property but no state maintained frontage.

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The following factors are to be applied to parcels having no access in order to reduce both the base price and size factor influence.

NX - NON EXISTENT			PD - PRIVATE DRIVE	
0.01 – 1.5 Acres	-60%		0.01 – 1.5 Acres	-30%
l.51 – 3.0 Acres	-57%		1.51 – 3.0 Acres	-27%
3.01 – 4.0 Acres	-54%		3.01 – 4.0 Acres	-25%
4.01 – 5.0 Acres	-52%		4.01 – 5.0 Acres	-24%
5.01 – 6.0 Acres	-51%		5.01 – 6.0 Acres	-23%
6.01 – 7.0 Acres	-50%		6.01 – 7.0 Acres	-23%
7.01 – 8.0 Acres	-49%		7.01 – 8.0 Acres	-22%
8.01 – 9.0 Acres	-48%		8.01 – 9.0 Acres	-22%
9.01 – 10.0 Acres	-47%		9.01 – 10.0 Acres	-22%
10.01 – 15.0 Acres	-46%		10.01 – 15.0 Acres	-21%
15.01 – 30.0 Acres	-45%		15.01 – 30.0 Acres	-21%
30.01 – 50.0 Acres	-44%		30.01 – 50.0 Acres	-21%
50.01 – 70.0 Acres	-43%		50.01 –70.0 Acres	-20%
70.01 – 100.0 Acres	-42%		70.01 – 100.0 Acres	-20%
100.01 – 150.0 Acres	-41%		100.01 – 150.0 Acres	-20%
150.01 and Up	-40%		150.01 and Up	-20%

NOTE: Predetermined table within system

E. Topography:

Land considered to be usable but suffering from rough topography may need further adjustment in order to achieve market value. Rough topography increases the development and building cost required to gain the optimum use from a parcel of land. The usable land on each parcel must be looked at as a whole and adjustments applied as indicated by comparable sales.

Certain tracts of land in the County have problems with percolation. Adjustments for this condition will be made only when a rejection certificate from the Health Department or a Licensed Soil Scientist accompanies the property owner's request. The following is an example of factor that may be applied to such parcels in order to reduce appraised values proportionate to market value analysis.

Small Tracts: **No Perk**
-80%

Large Tracts: Will be adjusted thru topography

F. Shape:

The utility of a specific parcel may be affected by its shape. The appraiser will determine the amount of land that is unusable and the extent that it affects the value of the total parcel.

G. Right of Ways:

Land falling within a state road right-of-way or surface assessment may be coded 9400. These right-of-ways add little to no value to the property and will be appraised accordingly.

Surface easements governing power and petroleum right-of-ways may have varying effects on each parcel. The extent of their influence is based mainly on their location within the parcel. Therefore, these easements are priced according to the base price and conditioned back at the discretion of the appraiser.

SUBMITTED

Copy of property card

PUBLIC, JOHN Q

Parcel ID: 123AB456 SPLIT FROM ID

PLAT: / UNIQ ID 64276
ID NO: 201709056367

NN: 59 - 2019 REVALUATION FINAL
BRUNSWICK COUNTY (100), CIVIETOWN FIRE (100)

Reval Year: 2019 Tax Year: 2019
Appraised By 53 on 05/01/2018 509E .

CARD NO. 1 of 1
2.000 LT
TW-05 CI-00 FR-05

SRC=
EX- AT- LAST ACTION 20180628

CONSTRUCTION DETAIL

Foundation	4
Con Ftg/Crawl	5.00
Sub Floor System	4
Plywd/Ptl bd	8.00
Exterior Walls	08
Masonite on Sheathing	29.00
Roofing Structure	03
Gable	7.00
Roofing Cover	03
Composition Shingle	3.00
Interior Wall Construction	5
Drywall/Sheetrock	21.00
Interior Floor Cover	12
Hardwood	10.00
Interior Floor Cover	14
Carpet	0.00
Heating Fuel	04
Electric	1.00
Heating Type	04
Forced Air - Ducted	4.00
Air Conditioning Type	03
Central	4.00
Bedrooms/Bathrooms/Half-Bathrooms	
3/2/0	12.000
Bedrooms	
BAS - 3 FUS - 0 LL - 0	
Bathrooms	
BAS - 2 FUS - 0 LL - 0	
Half-Bathrooms	
BAS - 0 FUS - 0 LL - 0	
Office	
BAS - 0 FUS - 0 LL - 0	0
TOTAL POINT VALUE	104.000

BUILDING ADJUSTMENTS

Market/Design	07	.10	1.10
Quality	3		1.00
Size	Size	Size	1.05
Construction Factor	05	1.00	1.00
TOTAL ADJUSTMENT FACTOR			1.160
TOTAL QUALITY INDEX			121

MARKET VALUE

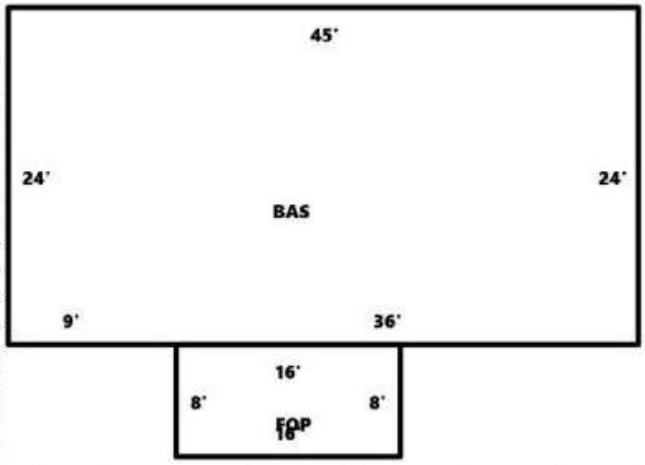
USE	MOD	Eff. Area	QUAL	BASE RATE	RCN	EYB	AYB
01	01	1,118	121	106.48	120844	2003	2003

TYPE: SINGLE FAMILY RESIDENTIAL
STYLE: 1 - 1.0 Story

DEPRECIATION

NORM	0.13000
% GOOD	87.0

SFR CONSTRUCTION



CORRELATION OF VALUE

CREDENCE TO	MARKET
DEPR. BUILDING VALUE - CARD	105,130
DEPR. OB/XF VALUE - CARD	14,150
MARKET LAND VALUE - CARD	22,500
TOTAL MARKET VALUE - CARD	141,780
TOTAL APPRAISED VALUE - CARD	141,780
TOTAL APPRAISED VALUE - PARCEL	141,780
TOTAL PRESENT USE VALUE - LAND	0
TOTAL VALUE DEFERRED - PARCEL	0
TOTAL TAXABLE VALUE - PARCEL $	141,780

PRIOR APPRAISAL

BUILDING VALUE	75,110
OBXF VALUE	17,343
LAND VALUE	22,500
PRESENT USE VALUE	0
DEFERRED VALUE	0
TOTAL VALUE	114,953

PERMIT

CODE	DATE	NO.

ROUT: WTRSHD:

SALES DATA

OFF. RECORD BOOK	OFF. RECORD PAGE	DATE MO	DATE YR	DEED TYPE	Q/U	V/I	INDICATE SALES PRICE
		4	2002	WD	Q	I	94,000
		7	1998	WD	Q	V	12,000

HEATED AREA 1,080

NOTES

SUBAREA

TYPE	GS AREA	PCT	RPL CS
BAS	1,080	100	114998
FOP	128	030	4046
FIREPLACE 7 - Prefab			1,800
SUBAREA TOTALS	1,208		120,844

CODE	QUALITY	DESCRIPTION	COUNT	LTH	WTH	UNITS	UNIT PRICE	ORIG % COND	BLDG #	SIZE FACT	AYB	EYB	DEP SCH	OVR	% COND	OB/XF DEPR. VALUE
34	G	GARAGE (FRAME/CBL)		24	22	528	44.00	0	1	0.00	1997	1997	S2		56	13010
27	A	DECK		14	10	140	14.00	0	1	0.00	2005	2005	S3		58	1137
TOTAL OB/XF VALUE																14147

BLDG DIMENSIONS BAS=W45S24E9E36N24Area:1080;FOP=S8E16N8W16Area:128;TotalArea:1208

LAND INFORMATION

HIGHEST AND BEST USE	USE CODE	LOCAL ZONING	FRONTAGE	DEPTH	DEPTH / SIZE	LND MOD	COND FACT	OTHER ADJ/NOTES RF AC LC TO OT	ROAD TYPE	LAND UNIT PRICE	TOTAL LAND UNITS	UNIT TYPE	TOTAL ADJST	ADJUSTED UNIT PRICE	LAND VALUE	OVERRIDE VALUE	LAND NOTES
MH SUBDIV	0200	R75	0	0	1.0000	0	0.7500		NW	15,000.00	2.000	LT	0.750	11,250.00	22500	0	
TOTAL MARKET LAND DATA															22500		
TOTAL PRESENT USE DATA																	

SUBMIT

Example:

STEP 1 AREA CALCULATIONS

A. Determine the square footage of the areas involved in the valuation. As shown on the sample card, the parcel has two sub areas:

BAS = 1080 square feet
FOP = 128 square feet

B. Multiply each gross area by the percentages assigned to it (this percentage is located in the TABLE OF SUB AREA found in the APPENDIX).

BAS 1080 sq. ft. X 100%	=	1080
FOP 128 sq. ft. X 30%	=	38
TOTAL EFFECTIVE AREA		1118

STEP 2 DETERMINE QUALITY INDEX (POINTS)

The determination of the quality index is a most important operation. It reflects the effect of local conditions in the market and is expressed as an index number which when applied to a general county wide rate for a given type of improvement, will yield an adjusted base rate. This adjusted base rate represents the rate per square foot which the market would most probably yield if the property sold.

A. Select the appropriate valuation mode. In the sample parcel, the model is "01", the model for residential building.

B. Determine the points associated with the structural element data:

FOUNDATION -- Continuous footing/Crawl	5 Points
SUB FLOOR SYSTEM—Plywood/Particle Board	8 Points
EXTERIOR WALLS – Masonite	29 Points
ROOFING STRUCTURE – Gable	7 Points
ROOF COVER –Comp. Shingle	4 Points
INTERIOR WALL CONSTRUCTION – Drywall	21 Points
INTERIOR FLOORING – Hardwood and Carpet	12 Points

If the subject had 2 components such as hardwood and carpet the points for each are added together and averaged then rounded to the nearest whole number.

HEAT FUEL – Electric	
HEAT TYPE – Forced Air Ducted	5 Points
Heating points are added together	
AIR CONDITIONING TYPE - Central	4 Points
BEDROOMS – Three (3) "See Table"	
BATHROOMS – Two (2) "See Table"	12 Points

From the preceding figures we have obtained the following:

FOUNDATION	5 Points
SUB FLOOR SYSTEM	8 Points
EXTERIOR WALL CONSTRUCTION	29 Points
ROOFING STRUCTURE	7 Points
ROOFING COVER	4 Points
INTERIOR WALL CONSTRUCTION	21 Points
INTERIOR FLOORING	12 Points
HEAT TYPE	5 Points
AIR CONDITIONING TYPE	4 Points
BEDROOMS AND BATHS	12 Points
TOTAL POINTS	107 Points

*Quality - Market and Construction factors
The QUALITY INDEX = Market x Quality x Size x Construction total x total Points
Therefore 1.10 (market) x 1.00 (Quali) X 1.05% (size) = 1.16 X 1.07 = 1.24

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STEP 3 DETERMINE EFFECTIVE BASE RATE

A. The base rate for a particular model is given. In this instance, it is $120.00 per square foot.

B. Multiply the base rate times the quality index:
$120.00 X 1.24 = $148.80
$148.80 is the effective base rate.

STEP 4 CALCULATE REPLACEMENT COST NEW

A. Replacement cost new is the product of the effective base rate times the total adjusted area calculated earlier. In the sample parcel we have:

148.80 X 1,118 sq. ft. = 166,358 +
1,800 prefab fireplace
168,158 RCN

STEP 5 DETERMINE DEPRECIATION AND PERCENT CONDITION OF THE SUBJECT

A. See tables for depreciation.

B. The sample parcel is an improvement type 01 with an effective age of 16 years and is depreciated 14%.

STEP 6 CALCULATE THE DEPRECIATED BUILDING VALUE

A. The DEPRECIATED BUILDING VALUE is the Replacement Cost New X the Percent Condition in the sample parcel $168,158 X .86 = $144,616

STEP 7 CALCULATE TOTAL COST – MARKET VALUE

A. To the Depreciated Building Value is added the total Depreciated OB/XF Value and Land Value.

B. In the sample this is as follows:

Depreciated Building Value	$144,616
Total Depreciated OB/XF Value	14,150
Land Value	22,500
Total	$181,266

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Condo Model

A condominium is one of a group of housing units where each homeowner owns their individual unit space, and all the dwellings share ownership of areas of common use. The individual units normally share walls, but that isn't a requirement. The main difference in condos and other properties is that there is no individual ownership of a plot of land. All the land in the condominium project is owned in common by all the homeowners and / or developers.

Brunswick County has developed Condo Model to assist in the Mass Appraisal process. Condo Model will allow the appraiser to adjust values based on # of floors, location, amenities, and position of each condo unit.

This process is described in detail below.

Refer to picture 4b "Building" This is where the structural elements are entered. Enter all information as needed. The Market Design field represents the corner with view, corner no view, interior with view, and interior no view in the residential condo properties.

Refer to picture 4c "Building" Continue to enter information as needed. In the Building Market Location field enter the data that best describes (property location or view). In the Unique location code enter UT representing condo "unit" or PH representing "penthouse" unit as needed. These are only descriptions as to the type of unit but both are still units.

If the condo unit justifies an adjustment per floor enter the appropriate code to reach the value needed.

Sample Floor Value Chart

00 = No Value this is the default value that is always available.

10 = $1,000

20 = $2,000

30 = $5,000

40 = $8,000

50 =$10,000

60 =$15,000

EXAMPLE These values are determined by the first digit i.e. 50, the 5 drives the 10,000 value per floor. In our example our unit is located on the 2nd floor and our Bas Floor is 01, this gives us a 01 as our factor giving us a $10,000 value adjustment for the floor location. If the same units on the 3rd floor were selling for only $2,000 more than these, you would list their Bas floor as 02, then the second digit in the floor value code adds that value to your total so if you keyed 52 your increase would be $12,000. This example allows an adjustment if needed. (The second digit adds the chart number to the value of the first digit totals.) The Bas Floor can NOT be more than the "TOTAL FLOORS".

The Floor number represents the floor number that the unit is located on.

The Number of Floors represents the number of floors in the building.

The "Bldg Market Location Value" also referred to as "BML"is the value before adjustments.

The Unique location factor is used to make adjustments that are unique to that unit. These adjustments can vary and can be used to reach market value in conjunction with other fields, etc. if the Floor value chart is not reaching the floor value to meet the market. The Condition factor is used to make adjustments to that unit, these adjustments can vary and can be used to reach market value. These adjustments help to determine a total "Bldg Mrkt Loc Adj" value.

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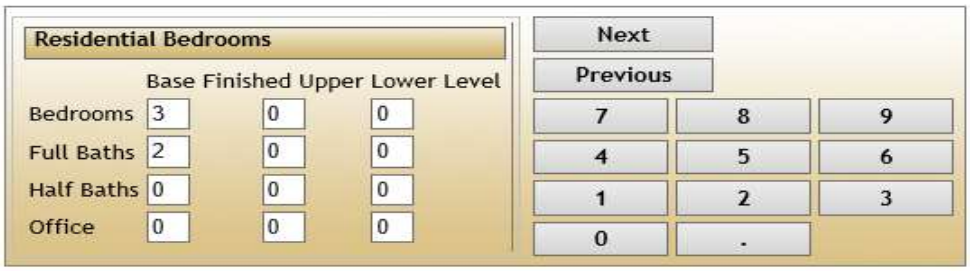
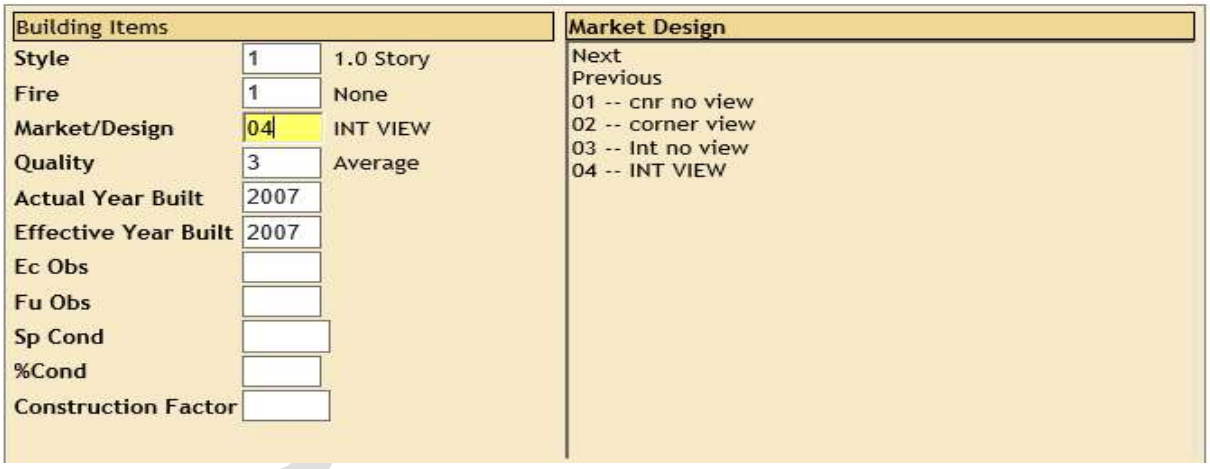
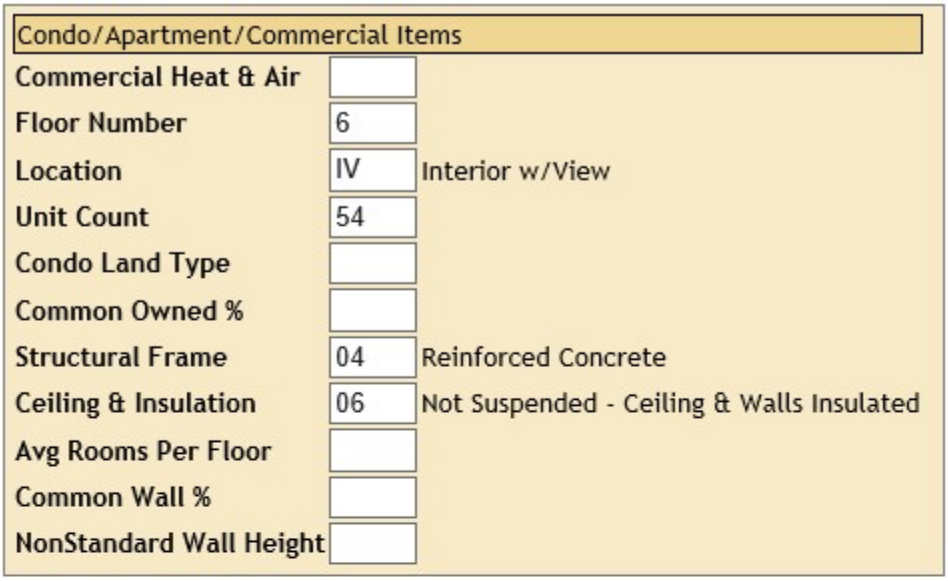
Picture 4b Building

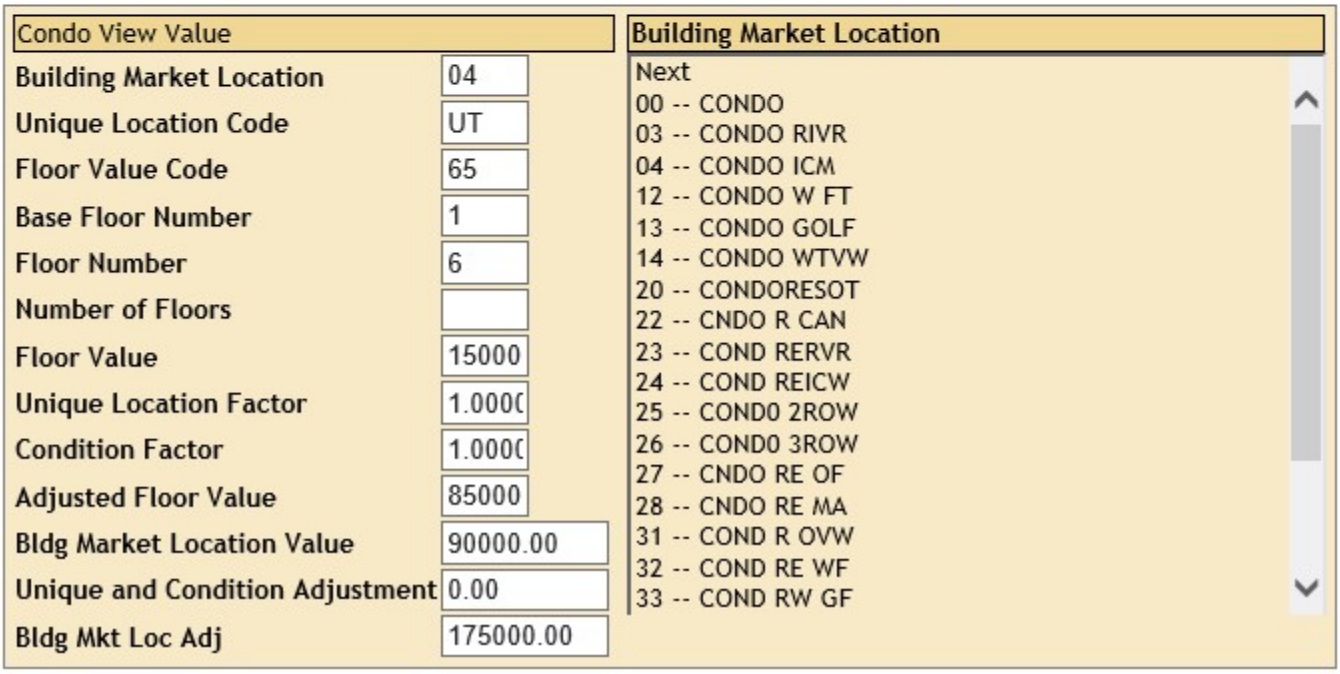




Picture 4c Building



Condo/Apartment/Commercial Items		
Commercial Heat & Air		
Floor Number	6	
Location	IV	Interior w/View
Unit Count	54	
Condo Land Type		
Common Owned %		
Structural Frame	04	Reinforced Concrete
Ceiling & Insulation	06	Not Suspended - Ceiling & Walls Insulated
Avg Rooms Per Floor		
Common Wall %		
NonStandard Wall Height		



Condo View Value	
Building Market Location	04
Unique Location Code	UT
Floor Value Code	65
Base Floor Number	1
Floor Number	6
Number of Floors	
Floor Value	15000
Unique Location Factor	1.000(
Condition Factor	1.000(
Adjusted Floor Value	85000
Bldg Market Location Value	90000.00
Unique and Condition Adjustment	0.00
Bldg Mkt Loc Adj	175000.00

Building Market Location

Next
00 -- CONDO
03 -- CONDO RIVR
04 -- CONDO ICM
12 -- CONDO W FT
13 -- CONDO GOLF
14 -- CONDO WTVW
20 -- CONDORESOT
22 -- CNDO R CAN
23 -- COND RERVR
24 -- COND REICW
25 -- COND0 2ROW
26 -- COND0 3ROW
27 -- CNDO RE OF
28 -- CNDO RE MA
31 -- COND R OVW
32 -- COND RE WF
33 -- COND RW GF

*Cosmetic changes may occur on the screen shots due to changes in name, address, etc., in order to maintain system accuracy. No schedule of value changes will result from these changes.

CONDO BUILDING MARKET LOCATION

CODE	DESCRIPTION
00	CONDOMINIUM
02	CONDOMINIUM CANAL
03	CONDOMINIUM RIVER OR CREEK
04	CONDOMINIUM INLAND WATERWAY
08	CONDOMINIUM MARSH
11	CONDOMINIUM OCEAN VIEW
12	CONDOMINIUM WATER FRONTAGE
13	CONDOMINIUM GOLF COURSE FRONTAGE
14	CONDOMINIUM WATER VIEW
15	CONDOMINIUM NATURE
20	CONDOMINIUM BEACH
22	CONDOMINIUM BEACH CANAL
23	CONDOMINIUM BEACH RIVER OR CREEK
24	CONDOMINIUM BEACHI NLAND WATERWAY
25	CONDOMINIUM BEACH 2ND ROW
26	CONDOMINIUM BEACH 3RD ROW
27	CONDOMINIUM BEACH OCEAN FRONT
28	CONDOMINIUM BEACH MARSH
31	CONDOMINIUM BEACH OCEAN VIEW
32	CONDOMINIUM BEACH WATER FRONTAGE
33	CONDOMINIUM BEACH GOLF COURSE FRONTAGE
34	CONDOMINIUM BEACH WATER VIEW
35	CONDOMINIUM BEACH NATURE
36	CONDOMINIUM BEACH SOUND
40	COMMERCIAL CONDOMINIUM
41	MEDICAL CONDOMINIUM
42	OFFICE CONDOMINIUM

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INCOME PROPERTY VALUATION

PREFACE

It should be noted that this chapter is not designed to be a comprehensive text on the valuation of income producing properties. In fact, it is a summary and outline of the income approaches to value available through the Appraisal System. This capability enables an appraiser to apply mass appraisal techniques to all affected properties in an efficient manner. Furthermore, we would recommend further study utilizing the text written by the Appraisal Institute to familiarize the property appraiser with some of the more subtle but important points of income property valuation.

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INCOME PROPERTY VALUATION

BASIC STEPS IN THE INCOME APPROACH TO VALUE

Step 1. Estimate Gross Annual Income
- A. Determine the type of unit used for the appraisal (i.e. apartment unit, square foot, etc.)
- B. Calculate other income (i.e. parking fees etc.).
- C. Identify vacancy and collection loss.

Step 2. Identify Operating Expenses
- A. Fixed expenses (taxes and insurance etc.).
- B. Variable expenses.
- C. Repairs and replacements.
- D. Other sources of operating expense data.

Step 3. Net Operating Income

Step 4. Determine the Income Projection Period
- A. Remaining useful life.
- B. Holding period of the investment.

Step 5. Determine the Capitalization Rate / Method of Rate Estimation
- A. Band of Investment.
- B. Built up.

.

Step 6. Identify the Method of Capitalization
- A. Land residual
- B. Building residual
- C. Property residual
- D. Gross Income Multiplier

ESTIMATED GROSS ANNUAL INCOME

The primary measure of an income producing property's worth is the amount of income which a property can earn or command in the local market. Therefore, it is important to derive an understanding of the rental income that the space would command on the open market.

The question that needs to be answered is "What is the current market rent of the subject properties"? The gross income is what the property will produce over a period of one year or the term of the lease. It is defined as the total amount of revenue a property is capable of producing prior to the deduction for expenses.

ESTIMATED GROSS ANNUAL MARKET RENTS BY MODEL TYPE

Model 05 Apartments – The market rent for an apartment complex is determined by its monthly rent on a square foot basis. The total square feet of a unit divided into the monthly rent yields a monthly square foot rate. As part of the revaluation, a typical monthly rent for apartments will be established. To determine the annual rent of the entire complex, you add the yearly rents of each unit type.

IDENTIFY VACANCY AND COLLECTION LOSS

The amount of income which can be produced is determined by the size of the property and the degree to which the property is utilized. Commonly, most properties experience a certain degree of vacancy throughout the year along with collection losses. This amount is usually expressed as a percentage of the estimated gross annual income.

These measures of loss from vacancy and collections are particularly applicable to multi - tenant properties. There are three sources of information pertaining to these situations; past experience of the subject property, market experience of similar properties, and published studies i.e. the Institute of Real Estate Management's Income/Expense Analysis (published yearly) and others.

IDENTIFY OPERATING EXPENSES

In order to estimate net annual income, it is necessary to calculate the amount that the purchaser/investor will realize after deduction for the actual operations of the property. These deductions are termed operating expenses and do not include mortgage payments or depreciation. There are three basic categories of operating expenses.

FIXED EXPENSES

These are expenditures which vary little, if at all, with occupancy from year to year and must be paid whether the property is occupied or vacant. Property taxes and insurance are two major items in this category. These expenses will need to be deducted as an expense incurred by the owner.

VARIABLE EXPENSES

Items included in this category are management, payroll and personnel, supplies and materials, utilities and ground care. These will vary with the percentage of occupancy, the type of property, climate and the landlord – tenant relationship.

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REPAIRS AND REPLACEMENTS

For valuation purposes, it is often necessary to spread the cost of certain major repairs or replacements over their expected useful life. This will yield an annual payment to cover the replacement. Typical items considered in this category are air conditioners, heating systems and roof covers.

SOURCES OF OPERATING EXPENSE DATA

The Institute of Real Estate Management has an annual report, Apartment Building Experience Exchange, which details expense estimates for apartments. For operating expense data and comparative performance statistics of hotels and motels, informative reports are published by the Appraisal Institute and IAAO.

Office building operations are analyzed by the National Association of Building Owners and Managers, Skyscraper Management and the National Real Estate Investor. Shopping centers and retail stores operating data can be found in periodic publications by the Urban Land Institute.

Industrial park and industrial property operations are occasionally reviewed by the Society of Industrial Realtors.

NET OPERATING INCOME

Net operating income (NOI) is the annual dollar amount that a property is capable of producing under typical conditions and is equal to the gross income less vacancy and collection losses and operating expenses.

Example: Gross Income (20 apts. @ $12,000/ year)	$240,000
Less 5 % vacancy & collection	12,000
	$228,000
Less 35% operating Expenses	79,800
Net Operating Income (NOI)	$148,200

The net operating income takes into consideration the lease agreement presently in force to determine the dollar amount (income) to the investor. The net operating income should cover, at least, both a return of investment and a proportional annual return of the invested capital which must be totally recovered by the end of the income projection period.

DETERMINE THE INCOME PROJECTION PERIOD

So far, the emphasis has been on computing the net annual income for an income producing property. However, what must not be overlooked is that this income is assumed to generate over a period of years during which the investor earns interest on his or her capital and receives a proportionate return on their investment. In order to determine the duration of the income stream and/or the amount of time the investor has to recover their capital, two things must be considered. These are the remaining economic life of the property and the typical holding period for investment and the terms of the lease.

REMAINING ECONOMIC LIFE

In order to apply any of the residual income techniques, it is necessary to estimate the remaining economic life of the improvements. By definition, the economic life of improvements is the time period over which the improvements will be able to produce an income at a competitive rate of return on the portion of the investment represented by the improvements. Another term frequently used is capital recovery period. At the end of this time period, the improvements will be depreciated to the point that they will no longer make any contribution to the total property value over and above the contribution made by the site.

Remaining economic life is directly related to the effective age of a given property. This is the difference between the total economic life and the remaining economic life. Remaining economic life and effective age are dependent on tastes, standards and customs, the effect of competition and the observed condition of the improvements.

Elsewhere in the discussion on depreciation, we have shown some typical building lives for various commercial improvement types. Reference to this table will give some indication of the expected useful life new of the improvements. However, the appraiser should review properties that no longer produce income. The age of these buildings will give an indication of the economic life of buildings in the market.

INVESTMENT HOLDING PERIOD

Changes in tax laws will directly affect the holding period of all properties

DETERMINE DISCOUNT RATE: SELECT METHOD OF RATE ESTIMATION

The discount rate is the basic building block in five of the income approaches and is also called the rate of return on investment. It is determined by the forces of supply and demand for investment funds. A rate of return on an investment or discount rate is paid or offered in order to attract investment capital. This rate must compensate the investor for the following:

1. Overcoming time preferences.
2. Giving up liquidity
3. Assuming investment management burdens.
4. Assuming the risks of investment and ownership.

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BAND OF INVESTMENT

The Band of Investment method recognizes the discount rate as the weighted average of mortgage interest rates based on typical financing and the equity yield rate derived from market data. It is based on the premise that investments in income producing properties are usually financed with a mortgage at the best available terms. The weighting factor is the percentage of the total investment represented by each of the contributing component factors. The procedure involved in the band of investment method is illustrated as follows:

Assume a property is financed with an 80% mortgage at 8.50 % interest with a term of 20 years. Equity investors are seeking a return of 13% on this type of investment.

The indicated discount rate would be developed as follows:

Band of Investment Method for calculating the discount rate

		Rate		Weight		Weighted Rate
Example:	First Mortgage:	.1041	X	.80	=	.0833
	Equity Investment:	.1300	X	.20	=	.0260
	Indicated discount rate				=	.1093 or (10.93%)

BUILT-UP METHOD

The Built-Up Method involves the building of a discount rate. The discount rate is "built" by taking the current safe rate or non risk of ownership, the illiquidity of investment, and the burden of management.

The **safe rate** is the rate of return which can be earned annually on a risk free, highly liquid investment requiring virtually no rate which can be earned on a savings account or negotiable one year certificate of deposit to the prime lending rate corresponding to the size of the investment.

Risk arises from the probability that the best income forecast will not be realized and refers to the investments continued ability to earn income caused by uncertainties and instabilities in the marketplace.

The **allowance for illiquidity** refers to the marketability or ease with which the investment can be converted into cash. This allowance can be considerable in large or valuable properties because substantial negotiations may be required and the number of potential local investors may be significantly reduced.

The **management allowance** refers to the time and effort required to manage the investment, not the property. The cost of managing the property is an operating expense which is reflected in the net income statement.

For assessment purposes, real estate taxes are removed from expenses and the applicable county millage rates are added to the discount rate to arrive at the discount rate applicable to the subject property.

Built UP Method of Discount Rates

Example:	Safe Rate	6.50%
	Risk	2.00%
	Illiquidity	1.50%
	Management	0.50%
	Ad Valorem Taxes	1.50%
Total Discount Rate		12.00%

The idea of the built-up method is to load the safe rate with rates which reflect the quality of the income stream. The higher the quality of the income stream – the lower the rate needs to be to attract investors. Conversely, the lower the quality of the income stream – the higher the rate will need to be to attract investors. In essence, the proper rate is that rate necessary to attract sufficient capital to the investment.

IDENTIFY THE METHOD OF DEPRECIATION

The wearing out or obsolescence of the improvements to a property which is reflected in the projected holding period or in the remaining economic life enables the investor to recoup or recapture his initial capital investment while also receiving a return on his capital.

Every method of providing for capital recovery can be expressed in the form of a sinking fund. A sinking fund illustrates how a specific sum is to be recovered over a specified period of time. Periodic annual payments are made as part of Net Operating Income to accumulate to the full amount of capital to be recovered by the end of the capital recovery period.

There are two standard methods that provide for capital recovery with specific assumptions as to risk, timing and stability of the income stream. They are the straight line method and the level annuity method of capital recovery.

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STRAIGHT LINE CAPITAL RECOVERY

This method consists of recovery by equal payments to a sinking fund which accumulate at zero compound interest. Each successive payment reduces the amount of investment remaining with declining successive income payments occurring in future periods. A declining dollar return from investment is therefore forecast. Capital recovery payments are the largest under this method.

The rate is determined by dividing the amount of capital to be recovered by the number of years of remaining economic life.

Example:

Remaining Economic life of improvement = 25 years
100%/25=1.00/25=.04%
Value of improvements = $100,000
Annual portion of NOI required for capital recovery **$100,000 X .04 = $4,000**

The forecast loss of 100% of the improvements is fully recovered over the remaining economic life of the improvements. Hence, straight line capital recovery always results in a lower estimate of present worth or value than does any other method. Straight line capital recovery is widely held applicable to nearly all income flows that are not based on a long-term lease with a highly rated tenant.

LEVEL ANNUITY CAPITAL RECOVERY

This method can be described as equal annual payments to a sinking fund which are reinvested by the investor to accumulate at compound interest at the Discount Rate. The amount of capital recovery payments is relatively small compared to the straight-line method. As a result, the portion of NOI available each year as a return on the investment is larger.

Annuity Capital Recovery can be applied to those properties that have a relatively stable income producing capability. A Capitalization Rate can be derived arithmetically by adding together the discount rate and the capital recovery rate. It must be remembered that the central objective is the valuation of a finite income stream with the "infinite" value of the site.

IDENTIFY THE METHOD OF CAPITALIZATION TO USE

Capitalization is a process whereby an income stream of future payments is discounted to a figure which represents the present worth of the right to receive the income. The relationship between the income and value is expressed as follows:

Value = Net Operating income / capitalization rate

There are seven methods which employ these capitalization techniques to derive the value of an income stream for an income producing property. All seven share a common theory that a right to receive a future benefit be determined by discounted cash flow analysis which reflects the relationship between inflows and outflows of income.

METHODS OF CAPITALIZATION

LAND RESIDUAL TECHNIQUE

When the building is new, free of obsolescence and the replacement cost of the structure accurately determined, a land residual technique may be used to estimate the value.

LAND RESIDUAL STRAIGHT LINE

If economic rent is applicable, i.e. short term lease or rental or less than first class tenants, the land residual - straight line technique should be used as follows:

Given: Building value (replacement cost new)	$100,000
Net Operating Income	$15,000
Discount rate	10%
Remaining Economic Life	50 yrs.
Straight line Recovery Rate 1 / 50 =	2 %

Example: Net Operating Income	$15,000
Less annual income attributable to the building (100,000 x .12)	-12,000
Income allocated to land	$ 3,000

Present value of the land = annual income allocated to the land capitalized by the discount rate.

$3,000 / .10	$ 30,000
Building value	100,000
Value – straight line Residual technique	$130,000

BUILDING RESIDUAL TECHNIQUE

When the land value can be accurately estimated using the market and the improvements are older buildings or structures used at less than their highest and best use, a building residual technique is relevant.

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BUILDING RESIDUAL - STRAIGHT LINE

Given: Land value (market or sales comparison method)	$30,000
Net Operating Income	$15,000
Discount rate	10 %
Remaining economic life	50 yrs.
Straight line capital recovery 1/50	2 %

Straight line capital recovery assumes a declining income stream and may be appropriate when short term leases or economic rent figures are utilized.

Net Operating Income	$15,000
Less annual income allocated to the land ($30,000 x .10) capitalized at the discount rate plus capital recovery rate ($12,000 / 12) ($12,000 / .12)	$100,000
Land value	30,000
Value Straight line	
Building Residual Technique	$130,000

GROSS INCOME MULTIPLIER

The Gross Income Multiplier has been developed to provide an effective mass appraisal tool in response to the time required in the capitalization of income techniques to determine Net Operating Income.

Since sales data is required to develop a gross income multiplier, care must be taken to use only qualified sales of comparable properties. The key to uniform, consistent values using the Gross Income Multiplier is accurate data.

To apply the Gross Income Multiplier, the appraiser must assemble recent, qualified sales and income data to determine the price at which comparable properties to the subject property are being appraised. Once this is accomplished, the multiplier can be applied to the rent received or reasonably expected from the subject property to produce an estimate of value.

MONTHLY GROSS RENT MULTIPLIER APPLICATION

Typical sale price for properties comparable to the subject.	$150,000
Typical gross monthly income for properties comparable to the subject.	$200
Gross Income Multiplier (GIM) (Sale / Income)	$750
Subject gross monthly income	$225
Estimate of value (GIM x Income)	$168,750

ANNUAL GROSS INCOME MULTIPLIER

Typical comparable sale price	$150,000
Typical comparable gross annual income	$2,400
Gross Income Multiplier	62.50
Subject property gross annual income	$2,700
Estimate of value	$168,750

Care must be exercised in the use of the Gross Income Multiplier. This method is only applicable where there is a high degree of comparability of properties sold in the market compared to the subject property. Furthermore, there must be a sufficient number of qualified sales of comparable properties to achieve any reasonable degree of reliability.

OVERALL RATE

The Overall Rate is the ratio of NOI to present worth of the property. Overall rates are expressed as an annual percentage rate and are most effective when derived directly from market sales.

Given – Gross Annual Income	=	$30,000
Vacancy/Rent Loss	=	5%
Expenses	=	30%
OVERALL RATE FROM MARKET	=	10%

Gross Annual Income		$30,000
Less Vacancy/Rent Loss	-	1,500
Less Expenses	-	8,550
Net Annual Income		$19,950
Divided by Overall Rate		.10
Total Present Value		$199,500

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INCOME APPLICATION TABLE

APPLICATION REQUIRED

DESCRIPTION	CODE	DATA	APPLICABILITY
1. Land Residual Straight Line	LRST	1-Net Annual Income 2-Current bldg. Value 3-Remaining Economic Life 4-Discount Rate	Short term lease New or nearly buildings w/known bldg.value.
2. Land Residual	LRLA	1-Net Annual Income 2-Current bldg. Value 3-Remaining Economic Life 4-Discount Rate	Long term lease New or nearly buildings w/known bldg. value
3. Building Residual Straight Line	BRST	1-Net Annual Income 2-Current bldg. Value 3-Remaining Economic Life 4-Discount Rate	Short term lease Rental properties Known land value
4. Building Residual Present Value	BRLA	1-Net Annual Income 2-Current bldg. Value 3-Remaining Economic Life 4-Discount Rate	Long term lease comp. properties Known land value
5. Property Residual w/land reversion	PRLA	1-Net Annual Income 2-Current bldg. Value 3-Remaining Economic Life 4-Discount Rate	Long term lease Overall rate from comparable sales
6. Gross Income/Rent Multiplier	AGIM	1-Net Annual Income 2-Current bldg. Value 3-Remaining Economic Life 4-Discount Rate	Sufficient sales w/high degree of comparability to establish reliable annual Gross Income

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GLOSSARY

AD VALOREM TAX – A tax levied in proportion to the value of the property being taxed exclusive of exemptions and use-value assessment laws

ANTICIPATION – The principle that value depends on the expectation of benefits to be derived in the future. The appraisal principle of anticipation follows directly from the role of consumer expectation in generating demand. Buyer and seller expectations about real estate market conditions and future benefits of ownership are directly related to current property values, so the principle of anticipation is important in the valuing of property.

APPRAISAL DATE – The date as of which the assessments for a tax year are made and finalized. For example, January 1 is North Carolina's assessment date and a lot is vacant on that date, the property is appraised and assessed as vacant land even though a building is completed on it in April of the following year and the assessment roll may not be final and made public at a later date.

APPRAISED VALUE – The appraised value is an estimate of the value of a property before application of any fractional assessment ratio, partial exemption or other adjustments.

ASSESSED VALUE – The monetary amount at which ad valorem taxes are calculated. Market value and assessed value are the same except for parcels with exempt or deferred values. placed on the assessment roll or scroll. Assessed values can differ from the assessor's estimate of market value for three major reasons: fractional assessment laws, partial exemptions and decisions by assessing officials to override market value estimates.

BALANCE – The principle that markets tend to move toward equilibrium after a change in one of the determinants of supply or demand.

BUILDING MARKET LOCATION-(BML) - An appraiser's opinion of contributory value used to achieve market value in the evaluation of condominiums.

BUNDLE OF RIGHTS (THEORY) – There are six basic rights associated with the private ownership of property: 1) the right to use, 2) the right to sell, 3) the right to lease or rent, 4) the right to enter or leave, 5) the right to give away and 6) the right to refuse to do any of these. These rights are known as the **Bundle of Rights**, which is the ownership of all legal rights obtained with fee simple title.

CENTRAL TENDENCY – The tendency of most kinds of data to cluster around some typical or central value, such as the mean or median.

COEFFICIENT OF DISPERSION (COD) – The average deviation of a group of ratios from the median expressed as a percentage of the median.

COEFFICIENT OF VARIATION – The standard deviation expressed as a percentage of the mean times 100.

CONFORMITY – The principle that the value of a property depends in part on its relationship to its surroundings.

CONRIBUTION – The principle that the value of a particular feature is measured by its contribution to the value as a whole property, rather than by its cost.

CORRELATION – A statistical phenomenon whereby knowledge of one fact about a property implies some knowledge of a second fact about that property. For example, since the volume and weight of water are correlated, knowing that a quantity of water is one gallon tells you that its weight is 8 1/3 pounds. Linear correlation, the kind most often encountered, means that an increase in one factor in some proportion changes the other in the same proportion. The coefficient of correlation gives the strength of the linear relationship between the two variables.

CURABLE DEPRECIATION – That part of depreciation that can be reversed by correcting deferred maintenance and remodeling to relieve functional obsolescence.

DEFERRED MAINTENANCE – Repairs and similar improvements that normally would have been made to a property but were not made to the property in question, thus increasing the amount of its depreciation.

DEPRECIATION – Loss in value from all sources, relative to its replacement cost, reproductive cost or original cost. Depreciation is sometimes subdivided into three types: **physical deterioration** (wear and tear), **functional obsolescence** (suboptimal design in light of current technologies or tastes) and **economic obsolescence** (poor or radically diminished demand for the property.

ECONOMIC OBSOLESCENCE – Loss in value of a property (relative to the cost of replacing it with a property of similar utility) that stems from factors external to the property.

EFFECTIVE AGE – The typical age of a structure that should reflect any modernization or refurbishing done to extend the useful life of the original structure beyond its normal life span.

EFFECTIVE TAX RATE – The tax rate expressed as a percentage of market value; this will be different from the nominal tax rate when the assessment ratio is not equal to 100%.

EQUALIZATION – The process by which an appropriate governmental body attempts to ensure that property under its jurisdiction is appraised equitably at market value.

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EQUITY - The degree to which assessments bear a consistent relationship to market value. Measures include the coefficient of dispersion and the coefficient of variation.

FUNCTIONAL OBSOLESCENCE – Loss in value of a property resulting from changes in tastes, preferences, technical innovations or market standards.

HIGHEST AND BEST USE - A concept in appraisal and in assessment law requiring that each property be appraised as though is were put to its most profitable use, given probable legal, physical and financing constraints. The highest and best use of a property depends on the potential utility rather than utility is current use. The concept is most commonly discussed in connection with underutilized land.
LOCATIONAL OBSOLESCENCE – A component of economic obsolescence: loss in value due to suboptimal siting of an improvement.

MARKET & DESIGN – The Market and Design factor is used to help adjust building cost within a market area beyond typical construction cost and depreciation.

MARKET VALUE – The most probable price of a property in terms of money in a competitive and open market, assuming that the buyer and seller are acting prudently and knowledgeably, allowing sufficient time for the sale, and assuming that the transaction is not affected by undue pressure.

MASS APPRAISAL – The process of valuing a group of properties as of a given date, using standard methods, and allowing for statistical testing.

MEAN – The result of adding all the values of a variable and dividing by the number of variables.

MEDIAN – The midpoint or middle value when a set of values is ranked in order of magnitude.

MEDIAN ABSOLUTE DEVIATION – The median of the absolute deviations from the median.

MODE – The value most often assumed by the variable.

NEIGHBORHOOD – The environment of a subject property that has a direct and immediate effect on value. A geographic area which defines a particular market.

REAPPRAISAL – The mass appraisal of all property within an assessment jurisdiction accomplished within or at the beginning of a reappraisal cycle.

REAPPRAISAL CYCLE – The period of time necessary for a jurisdiction to have a complete reappraisal.

REPLACEMENT COST – The cost, including material, labor, and overhead, that would be incurred in constructing an improvement having the same utility to its owner as the improvement in question, without necessarily reproducing exactly any particular characteristic of the property.

REPRODUCTION COST – The cost, including material, labor and overhead that would be incurred in constructing an improvement having exactly the same characteristics as the improvement in question.

SUBSTITUTION – The principle stating that a property's value tends to be set by the cost of acquiring an equally desirable substitute. In accordance with the principle of substitution, the value of a property will not exceed that of its replacement. A prudent buyer will pay no more for a property than the purchase price of a similar and equally desirable one. This principle is basic to the approaches to valuation of property.

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APPRAISAL CARD DEFINITIONS

FOUNDATION

PIERS - Concrete footings poured under pier locations only.

PIERS >8 FT - Concrete footings poured under >8 foot pier locations only.

PIERS >8 FT WITH CONCRETE - Concrete poured under >8 ft piers.

CONTINUOUS FOOTING/CRAWL- A concrete footing poured continuously around the perimeter foundation of a building. Used on buildings that have a crawl space or basement.

SPREAD FOOTING - Commercial type footing used with a concrete slab floor system.

SPECIAL FOOTING - Any expensive foundation not described in the other choices; commonly used mostly on high rise buildings.

SUB FLOOR SYSTEM

NONE - No floor system. Used on buildings with dirt or gravel floors.

SLAB ON GRADE - Concrete slab poured on surface at ground level.

SLAB ABOVE GRADE - Concrete slab poured on a built-up surface above ground level.

PLYWOOD/PARTICLE BOARD - Wood joist and plywood sheathing floor system.

WOOD - Wood joist and wood sheathing floor system.

PLATFORM HEIGHT - A pre-cast deck with pre-cast or steel joist elevated to a loading dock height.

STRUCTURAL SLAB - Reinforced slab made to support a high-rise building.

EXTERIOR WALLS

SIDING MINIMUM – Used to describe infrequent or unusual combinations of exterior materials reflecting lower quality construction.

CORRUGATED METAL (LIGHT) – Typically this is an inexpensive steel or galvanized siding with minimum thickness. This is usually manufactured in sheets which can be fastened to wood or metal framing.

COMPOSITION OR WALL BOARD – Refers to composition siding which comes in varied thicknesses and rolls and is usually fastened over wood framing with nails. Composition board can be any of the various man-made materials on wood or wood products. These must be treated or painted to withstand the weather.

SINGLE SIDING WITH WOOD FRAMING (NO SHEATHING) – Denotes inexpensive wood framing without sheathing.

ASBESTOS SHINGLE SIDING – Refers to asbestos shingle laid over wood frame with sheathing, the principle composition of these shingles is asbestos which is a mineral fiber occurring in long and delicate fibers or fibrous masses. It is incombustible, non - conducting and chemically resistant. Typically, these shingles are hard and brittle in nature with noticeable grain and texture.

BOARD AND BATTEN ON PLYWOOD WITH STRIPS – Sheathing placed on walls in a vertical position with joints covered by narrow wooden strips called battens.

CORRUGATED ASBESTOS SIDING – Sometimes called by the trade name "transite", this type of siding is composed of asbestos manufactured in corrugated sheets which can be fastened to wood or metal framing.

MASONITE - Treated hardboard siding 6 to 12 inches wide used in average to below average construction.

WOOD ON SHEATHING OR PLYWOOD – Wood is either lapped or in panels. This type of siding can be horizontal which is normally lapped or a wood panel nailed to sheathing.

ALUMINUM/VINYL SIDING – Flat or corrugated aluminum vinyl sheets fastened to a wood or metal frame as a direct replacement or cover for horizontal wood siding.

CONCRETE OR CINDER BLOCK – The standard concrete or cinder block which can range in size from 8 to 26 inches.

STUCCO ON CONCRETE BLOCK – A wall of concrete block with cement stucco applied to the exterior with a textured surface.

STUCCO ON TILE/WOOD FRAME - A wall of tile or wood with cement stucco applied to the exterior with a textured surface.

LOG - A wall of whole logs.

BOARD AND BATTEN 12" BOARDS – This type of construction is illustrated by the use of 12" boards nailed to sheathing in a vertical position with the joints covered by battens and is commonly used on structures containing limited living area.

****WOOD SHINGLE** – These are usually irregular cedar or redwood shingles used in custom construction.

CEDAR OR REDWOOD SIDING – Horizontal cedar or redwood lap siding or panel siding, normally unfinished or naturally stained, which is desirable because of its color and maintenance free characteristics. Usually, this type of lap siding is used in above average to excellent construction.

SIDING MAXIMUM – This is typically a mixture of expensive siding materials possessing superior quality and typically used in custom home construction.

HARDI PLANK - Is a fiber cement siding. This is because it is composed of the cellulose fibers found in wood and materials found in cement.

COMMON BRICK – Brick commonly used for construction purposes, primarily for building and not specifically treated for color. They are made from clay or a clay mixture, molded into blocks and hardened in the sun or kiln dried.

FACE BRICK – the better quality of brick such as that used on exposed portions of a building and usually color treated and finished.

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STONE – Refers to various stone or stone veneers, usually found over masonry.

CORRUGATED METAL (HEAVY) – Typically more expensive than the light quality, this galvanized siding is generally used for commercial applications.

MODULAR METAL – Galvanized curved panels used in commercial construction.

REINFORCED CONCRETE – References the structural frame of concrete which has been reinforced with steel bars.

PRECAST PANEL – A modular construction material usually with a washed, pebbled finish. Panels are pre-cast and brought to the site to be erected. Normally used as the major exterior wall finish, it is often seen in commercial construction.

PREFINISHED METAL – This refers to the enameled or anodized metal commonly used on older service stations and other metal commercial buildings.

GLASS / THERMOPANE – A glass sandwich panel designed for use on exterior applications. Typically, this type of construction is present on large commercial projects.

ARCHITECTURAL BLOCK- Concrete masonry blocks.

ROOFING STRUCTURE

FLAT ROOF – A flat roof refers to a structural material which spans a horizontal or nearly horizontal position from wall to wall or beam to beam.

SHED TYPE ROOF – Similar to a flat roof except that it has a noticeable slope in one direction.

GABLE ROOF – A gable roof is pitched or sloped in two directions.

HIP ROOF – The hip roof is characterized by a slope in four directions.

MANSARD ROOF – A roof with two slopes on all four sides, the lower slope is very steep and the upper slope is nearly flat. This type of roof is often seen in French provincial architecture.

GAMBREL ROOF- A type of roof which has its slope broken by an obtuse angle so that the lower slope is steeper than the upper slope, a roof with two pitches such as is common on a barn.

IRREGULAR ROOF – Any of a variety of unusual slopes which do not have the same rise per foot of run.

WOOD TRUSS – This type of roof is composed of various sizes of lumber or timbers usually arranged in a triangular shape. They can be flat, shed or pitched with the width of the span limited by the strength of the material used. These are commonly used in commercial applications with limited spans.

RIGID FRAME WITH BAR JOIST – Bar joists are fabricated steel trusses that have been set close together and serve as roof beams or ceiling joists. The span of these is limited due to their lightness and depth. Bar joists limit roof shape to flat or shed types and are typically used on commercial buildings with medium spans.

STEEL FRAME OR TRUSS – A truss composed of various shapes of steel members that are either bolted or welded together which can be multiple types and cover extremely large spans. These roof types are commonly used in commercial construction.

BOWSTRING TRUSS – A large curved truss commonly used in airplane hangars and Quonset construction.

REINFORCED CONCRETE ROOF – Roof framing where concrete is formed and poured in place incorporating a system of steel rods or mesh for tensile strength and raised to proper position.

PRESTRESSED CONCRETE – Roofs which are composed of concrete, assembled and pre - stressed off site and erected with cranes.

ROOF COVER

MINIMUM ROOFING, CORRUGATED OR SHEET METAL – With this type of roofing, sheet metal is flat, corrugated or V-crimp metal of aluminum or steel fastened over wood sheathing.

ROLLED OR BUILT UP COMPOSITION – A roof consisting of asbestos felt saturated with asphalt and assembled with asphalt cement. Typically, this type of roofing comes in rolls and is nailed to wood sheathing.

ASPHALT OR COMPOSITION SHINGLES – Refers to shingles made form asbestos felt saturated with asphalt. These are pliable roofing materials fastened by nails or staples to sheathing.

BUILT UP TAR AND GRAVEL – Gravel imbedded in tar is hot mopped over various types of composition roofing, concrete, metal or gypsum roofing. This product requires a low pitched or flat roof shape. Built up refers to the accumulating of waterproof layers of asphalt to seal the roof.

RUBBER - All of the lines of rubber, composition or plastic roofing materials used on flat roof surfaces.

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ARCHITECTURAL SHINGLE- Are also known as laminated or dimensional shingles.

FIBERGLASS TILE- Sheets or panels made of synthetically produced fine glass fibers

CLAY TILE – Clay tile is usually a half – round clay product which has been kiln fired to a specific hardness which gives a wearing surface that requires no additional finish.

ENAMELED METAL SHINGLE – This refers to metal shingles with an enamel coating. This type of shingle is predrilled and nailed over sheathing.

CEDAR SHAKES – Individual roof material which comes in random widths and lengths and is extremely expensive to apply. This type of roof cover is used predominately in custom home construction.

SLATE/COPPER -Shingles made of slate or copper fastened down to sheathing or strips.

PRE-FINISHED METAL- Metal panels that are places vertically from the ridge of the roof downward.

METAL STANDING SEAM -Is made up of many interlocking metal panels that are placed vertically from the ridge of the roof downwards.

CONCRETE FORM- Concrete pumped into forms.

INTERIOR WALL CONSTRUCTION

MASONRY WALL – Normally, exterior walls which serve as an interior wall face usually of brick or block materials which are usually unfinished.

WALLBOARD OR WOOD WALL – Wallboards are known by many trade names. All are made of composition materials and are typically found in four by eight sheets

PLASTERED – This type of interior finish refers to all plaster on lath interior walls.

PLYWOOD PANEL – These are mostly inexpensive 4 foot by eight foot plywood panels which are decorative in nature and characteristically a veneer.

DRYWALL – A sandwich of plaster or paper surfaces normally available in four foot by eight foot sheets which are cut to fit. It is fastened to studding or furring strips and requires a seal where joints occur with paint as a finish. It has become the prevalent choice for home construction.

CUSTOM – This type of interior wall construction is composed of high grade wood veneers or solid hardwoods. Very high grade wall papers or very high-grade moldings, trims, doors, or any combination which created an expensive interior finish

GREATER THAN 8 FT CEILING - This refers to modern construction that differs from the standard**.**

INTERIOR FLOORING

PLYWOOD OR LINOLEUM – A single layer of light wood laid on floor joists or a composition material known as linoleum which comes in sheets or tiles used as a floor covering.

CONCRETE FINISHED – A floor finish where the concrete is troweled with hardener and often color added to complete the finished look.

CONCRETE COATED - A floor finish where the concrete is coated usually with epoxy.

ASPHALT TILE – Composition tile laid over wood or concrete.

CORK– All types of cork tile.

RUBBER - Flooring made from rubber**.**

VINYL – A smooth, seamless floor covering manufactured with a resilient backing usually applied to either concrete or wood sub flooring. Vinyl tiles used in commercial buildings.

PINE OR SOFTWOODS – Floor finish of pine or other softwoods.

TERRAZZO– A tile made by exposing marble chips on the surface of concrete and then polishing until smooth.

CERAMIC TILE – Refers to ceramic tile set in mortar or concrete.

HARDWOOD – A layer of hardwood either solid wood or a veneer over sub flooring.

PARQUET – Refers to a wearing surface composed of small hardwood pieces set in patterns or designs over sub flooring.

CARPET – Carpet is the most common floor finish in residential and commercial construction. It acts as the finish for the base material.

HARD TILE-Refers to tiles which are machine made and unglazed.

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SEAMLESS-A floor with no seams cracks or joints also known as a poured floor.

PRECAST CONCRETE – Applies in this case to either pre - stressed or poured concrete floors which are suspended in multi story commercial construction.

SLATE– Refers to cut or randomly broken slate set in mortar over concrete.

MARBLE – Expensive, durable stone set in mortar or concrete.

LAMINATE - Is a multi-layer synthetic flooring product, fused together with a lamination process.

BAMBOO- Makers use one of the hardiest species of Chinese bamboo, cut it into strips before drying and laminating it under pressure.

HEATING FUEL
OIL, **WOOD, COAL**– Oil, wood or coal fired.

GAS – Natural or manufactured gas.

ELECTRIC – Electrical.

SOLAR – Use of sun's radiation to heat.

HEATING TYPE
BASEBOARD-Electric heat which radiates from baseboard beating units mounted in each room and usually controlled in each room.

FORCED AIR - NOT DUCTED – A heating element and fan and/or blower enclosed in a common housing for circulating the heated air but no ducted distribution system.

FORCED AIR - DUCTED – A central type heating system that provides for the distribution of the air through ducts or conduits to the various parts of the building.

HOT WATER – A system of heating a building, usually commercial, by means of hot water.

DIRECT STEAM HEAT – This heating system uses radiators in the rooms to be heated, the steam or vapor being delivered from boiler to radiators through one of several arrangements of piping. The one-pipe gravity system is widely used for smaller installations. The two-pipe steam or vapor system is used for larger installations.

RADIANT ELECTRIC – A heating system which heats a room only by use of the floor, ceiling or walls as heating panels. Most contemporary radiant-heating systems have extensive pipe coils in the floor structure or in the walls and ceilings which are to be used as heating panels.

RADIANT WATER – Same as radiant electric only the fuel or radiant source is from heated water as opposed to electric current.

HEAT PUMP – A heat pump is a reverse cycle refrigeration unit which can be used for heating or cooling.

SPACE HEATER-Designed to be used for industrial spaces and large open rooms.

AIR CONDITIONING

WINDOW UNIT (WALL UNIT) – A unit air conditioning system self-contained, usually placed in a window although sometimes placed in an exterior wall.

CENTRAL – Refers to a central cooling system with duct work, thermostats and forced cold air.

PACKAGED ROOF TOP – Usually found in commercial buildings. The air conditioning unit is located on the roof of the property.

CHILLED WATER – This type of system is usually associated with a commercial air conditioning system utilizing a cooling tower as a heat exchanger and associated compressors with ducting.

BATH OR RESTROOMS
NUMBER OF BATHROOMS – The total number of bathrooms in the building. A full bath consists of bath or shower, bowl and basin. A half bath is any lesser combination of having a bowl and one other feature.
NUMBER OF BEDROOMS – Check the appropriate number of bedrooms for single family homes.

COMMERCIAL PLUMBING- Number of restrooms and total number of fixtures.

APARTMENT BUILDINGS - Total number of fixtures.

NUMBER OF SINGLE FAMILY RESIDENTIAL STORIES – Check the appropriate number of stories for single family homes.

SUBMITTED

FIREPLACES

1 - None
2 - One story single stack with one outlet
3 - Two story single stack or a double fireplace outlet with a single story stack
4 - Two or more fireplaces
5 - Massive. A large hearth and stack with stone or brick usually wider than six (6) feet.
6 - More than 2 massive
7 - Prefab
8 - 2 or more Prefab

DEPRECIATION

ACTUAL YEAR BUILT – The last two digits of the Actual Year Built. To be used if the actual year built can be determined and the same as the Effective Year if the Actual Year built cannot be determined. Zero filled if built before 1900.

EFFECTIVE YEAR BUILT – To be used to adjust the age of an improvement when extensive refinishing has taken place or to estimate the age when the actual age cannot be determined. The last two digits of the Effective Year Built are to be entered in the same manner as the Actual Year built.

ECONOMIC OBSOLESCENCE – A percentage adjustment added to the normal depreciation to account for increased depreciation due to the impairment of desirability or useful life of the property from an external factor such as changes in the neighborhood.

FUNCTIONAL OBSOLESCENCE – A percentage to be added to the normal depreciation to account for increased depreciation due to the impairment of desirability or usefulness brought about by changes in design, art or construction techniques and including zoning over present use.

SPECIAL CONDITION CODE – UC – Under construction
PD – Physically damaged
AP – Abnormal Physical Depreciation

PERCENT CONDITION – The actual total percent condition remaining of the improvement after the depreciation reflected by one of the Special Condition Codes. **NOTE**: to use the Percent Condition one of the Special Condition Codes must be used. Also, care must be taken in the use of these codes as they will override the depreciation developed from the normal depreciation, economic obsolescence and functional obsolescence.

STRUCTURAL FRAME

WOOD FRAME – Wooden structural frame supporting the floors, walls roof and partitions of a building.

MASONRY – Structural frame of stone, brick, cement and concrete that is not reinforced.

REINFORCED CONCRETE – Structural frame of concrete that has been reinforced with steel bars.

STEEL – Structural frame of steel.

FIREPROOF STEEL– A steel structural frame that has been encased is fire resistant material.

SPECIAL – Used where the structural frame is costlier due to complicated combinations or uses of any of the structural framing.

CEILING AND INSULATION QUALITY

SUSPENDED

1 Ceiling Insulated
3 Wall insulated
5 Ceiling and Wall Insulated
7 No Insulation

NOT SUSPENDED:

2 Ceiling Insulated
4 Wall insulated
6 Ceiling and Wall Insulated
8 No Insulation

NO CEILING:

9 Ceiling Insulated
10 Wall insulated
11 Ceiling and Wall Insulated
12 No Insulation

AVERAGE NUMBER OF ROOMS PER FLOOR – For commercial buildings, the appraiser must determine the average number of rooms per floor and enter as 01, 02 etc. A room is defined as any area having three or more sides in the form of walls reaching to the ceiling of the room.

NON STANDARD WALL HEIGHT – Record the height in feet of all non single family residential walls in excess of 10 feet within the base area of the structure.

SUBMITTED

2023 USE-VALUE MANUAL

FOR AGRICULTURAL, HORTICULTURAL

AND

FOREST LAND

April 2022

North Carolina Use-Value Advisory Board
North Carolina Department of Revenue
Raleigh, North Carolina

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Foreword

When originally enacted in 1973, the objective of the present-use value program was to keep "the family farm in the hands of the farming family." By the early 1970's, North Carolina had become a prime site for industrial and commercial companies to relocate because of its plentiful and reliable work force. With this growth came other improvements to the State's infrastructure to accommodate this growth, such as new and larger road systems, more residential subdivisions, and new industrial and commercial developments. The land on which to build these improvements came primarily from one source: farmland. As the demand for this land skyrocketed, so did its price as well as its assessed value, as counties changed from a fractional assessment to a market value system. Farmers who owned land near these sites soon could not afford the increase in property values and sought relief from the General Assembly.

In response, the General Assembly passed legislation known as the Present-Use Value program. As originally enacted, the basic tenets of this program were that only individuals who lived on the land for which they were applying could immediately qualify and that the land had to have a highest and best use as agriculture, horticulture or forest land. Land might also have qualified if the farmer owned it for seven years. Passage of this law eased the financial burden of most farmers and eliminated to some degree the "sticker shock" of the new property tax values. From that time until the mid-1980's, the present-use value schedules were based on farmer-to-farmer sales, and quite often the market value schedules were very similar to the present use schedules, especially in the more rural areas.

Virtually every session of the General Assembly has seen new changes to the law, causing a constant rethinking as to how the law is to be administered. The mid-1980's saw several court cases that aided in this transformation. Among the legislative changes that resulted from these cases were the use of soil productivity to determine value, the use of a 9% capitalization rate, and the utilization of the "unit concept" to bring smaller tracts under the present use value guidelines.

Through the years the General Assembly has expanded the present-use value program to include new types of ownership such as business entities, tenants in common, trusts, and testamentary trusts. Legislation also expanded the definition of a relative. More recent legislation has established cash rents as the basis for determining present-use value for agricultural and horticultural land, while retaining the net income basis for determining present-use value for forestland.

This Use-Value Advisory Board Manual is published yearly to communicate the UVAB recommended present-use value rates and to explain the methodology used in establishing the recommended rates.

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USE-VALUE ADVISORY BOARD MANUAL

Following are explanations of the major components of this manual.

I. Cash Rents

Beginning in 1985, the basis for determining present-use value for agricultural land was based on the soil productivity for growing corn and soybeans. At that time, corn and soybeans were considered the predominant crops in the state. Over time, fewer and fewer acres went into the production of corn and soybeans and the land used for these crops tended to be lower quality. As a result, both the productivity and value of these crops plummeted, thus resulting in lower present-use values. A viable alternative was sought to replace corn and soybeans as the basis for present-use value. Following a 1998 study by North Carolina State University, cash rents for agricultural and horticultural land were determined to be the preferred alternative. Cash rents are a very good indicator of net income, which can be converted into a value using an appropriate capitalization rate.

The General Assembly passed legislation that established cash rents as the required method for determining the recommended present-use values for agricultural and horticultural land. The cash rents data from the NCSU study served as the basis for determining present-use value for the 2004-2007 UVAB manuals. However, starting in 2006, funding became available for the North Carolina Department of Agriculture to perform an extensive statewide cash rents survey on a yearly basis. The 2006 survey became the basis for the 2008 UVAB recommended values, and this process will

continue forward until changes dictate otherwise (i.e. the 2007 survey is used to establish the 2009 UVAB values, etc.).

Forestland does not lend itself well to cash rents analysis and continues to be valued using the net income from actual production.

II. Soil Types and Soil Classification

The 1985 legislation divided the state using the six Major Land Resource Areas (MLRAs). Five different classes of productive soils and one non-productive soil class for each MLRA were determined. Each class was identified by its net income according to type: agriculture, horticulture and forestry. The net income was then divided by a 9% capitalization rate to determine the present-use value. For 2004 and forward, the following change has taken place. For agricultural and horticultural classifications, the five different soil classes have been reduced to three soil classes and one non-productive soil class. Forestland present-use value has kept the five soil classes and one non-productive soil class. The use of the six MLRAs has been retained.

The six MLRAs are as follows:

MLRA 130	Mountains
MLRA 133A	Upper Coastal Plain
MLRA 136	Piedmont
MLRA 137	Sandhills
MLRA 153A	Lower Coastal Plains
MLRA 153B	Tidewater

The soils are listed in this manual according to the MLRA in which they occur. They are then further broken down into their productivity for each of the three types of use: agriculture, horticulture and forestry. Every soil listed in each of the MLRAs is ranked by its productivity into four classes (with the exception of forestry which retained its previous six classes). The classes for agricultural and horticultural land are as follows:

CLASS I	Best Soils
CLASS II	Average Soils
CLASS III	Fair Soils
CLASS IV	Non-Productive Soils

It should be noted that, in some soil types, all the various slopes of that soil have the same productivity class for each of the usages, and therefore for the sake of brevity, the word "ALL" is listed to combine these soils. Each of the classes set up by the UVAB soils subcommittee corresponds to a cash rent income established by the most recent cash rents survey conducted by the North Carolina Department of Agriculture. This rent income is then capitalized by a rate established each year by the UVAB (see below). The criteria for establishing present-use value for forestry have remained basically unchanged from previous years due to the quantity and quality of information already available.

III. Capitalization Rate

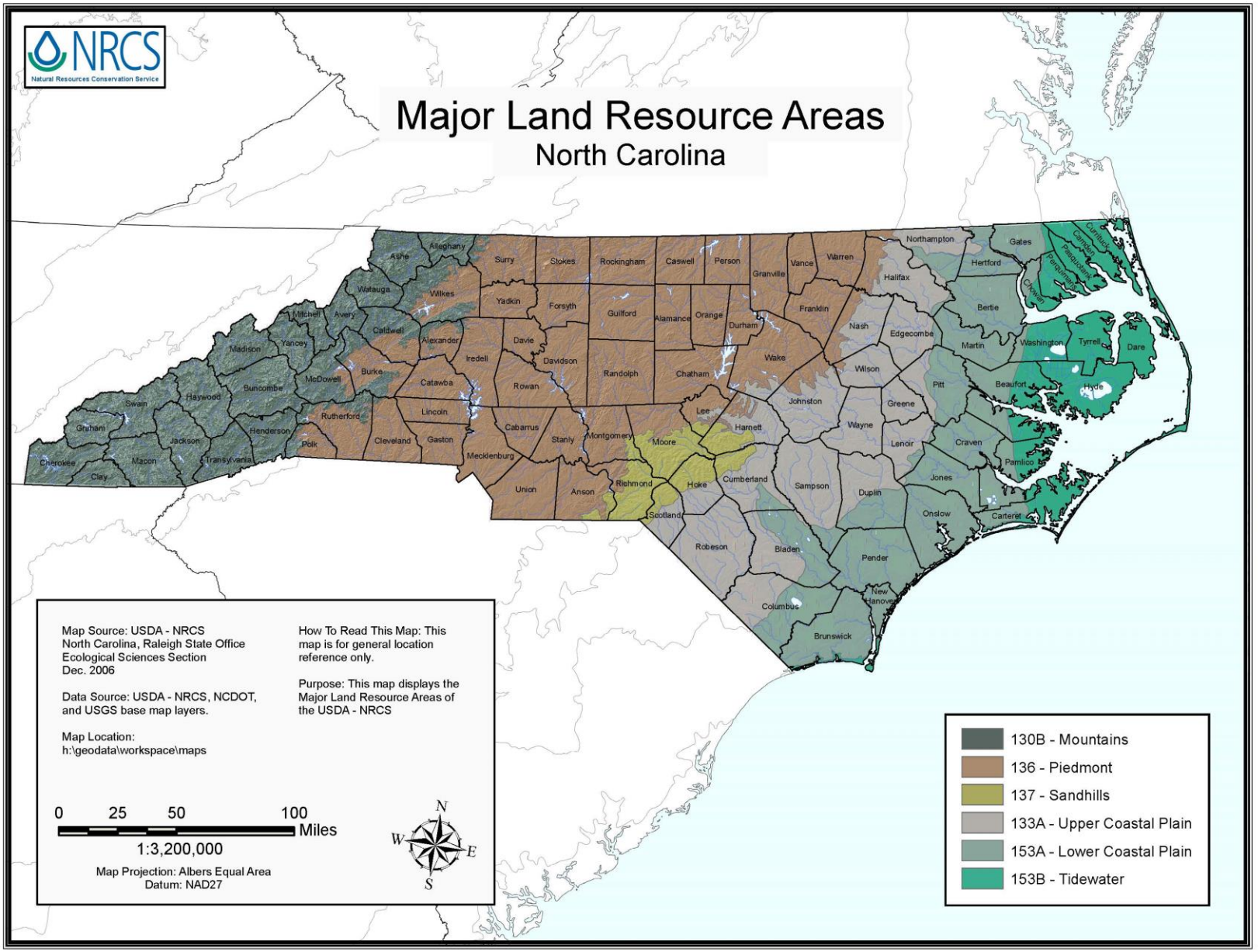
The capitalization rate mandated by the 1985 legislation for all types of present-use value land was 9%. The 1998 study by NCSU strongly indicated that a lower capitalization rate for agricultural and horticultural land was more in line with current sales and rental information. The 2002 legislation mandated a rate between 6%-7% for agricultural and horticultural land.

For the year 2004 and the subsequent years, the UVAB has set the capitalization rate at 6.5% for agricultural and horticultural land.

The capitalization rate for forestland continues to be fixed at 9% as mandated by the statutes.

IV. Other Issues

The value for the best agricultural land can be no higher than $1,200 an acre for any MLRA.


NRCS
Natural Resources Conservation Service
Major Land Resource Areas
North Carolina
Ashe
Alleghany
Surry
Stokes
Rockingham
Caswell
Person
Vance
Warren
Granville
Northampton
Gates
Hertford
Halifax
Watauga
Wilkes
Yadkin
Forsyth
Guilford
Alamance
Orange
Durham
Franklin
Bertie
Mitchell
Avery
Caldwell
Alexander
Davie
Iredell
Davidson
Randolph
Chatham
Wake
Nash
Edgecombe
Martin
Washington
Tyrrell
Dare
Madison
Yancey
Burke
McDowell
Catawba
Rowan
Wilson
Pitt
Beaufort
Hyde
Buncombe
Haywood
Swain
Graham
Jackson
Macon
Cherokee
Clay
Rutherford
Lincoln
Cabarrus
Stanly
Montgomery
Moore
Lee
Harnett
Johnston
Greene
Wayne
Lenoir
Craven
Pamlico
Jones
Henderson
Polk
Cleveland
Gaston
Mecklenburg
Union
Anson
Richmond
Hoke
Cumberland
Sampson
Duplin
Onslow
Carteret
Scotland
Robeson
Bladen
Pender
New Hanover
Columbus
Brunswick
Map Source: USDA - NRCS
North Carolina, Raleigh State Office
Ecological Sciences Section
Dec. 2006
Data Source: USDA - NRCS, NCDOT, and USGS base map layers.
Map Location:
h:\geodata\workspace\maps
How To Read This Map: This map is for general location reference only.
Purpose: This map displays the Major Land Resource Areas of the USDA - NRCS
0 25 50 100 Miles
1:3,200,000
Map Projection: Albers Equal Area
Datum: NAD27
N
W
E
S
130B - Mountains
136 - Piedmont
137 - Sandhills
133A - Upper Coastal Plain
153A - Lower Coastal Plain
153B - Tidewater

PRESENT-USE VALUE SCHEDULES

AGRICULTURAL RENTS

MLRA	BEST	AVERAGE	FAIR
130	90.30	54.30	35.50
133A	82.15	58.30	43.65
136	61.80	42.10	27.35
137	67.50	47.30	32.20
153A	77.10	56.10	42.20
153B	103.95	70.70	53.00

AGRICULTURAL SCHEDULE

MLRA	CLASS I	CLASS II	CLASS III
130	$1,200*	$835	$545
133A	$1,200*	$895	$670
136	$950	$645	$420
137	$1,035	$725	$495
153A	$1,185	$860	$645
153B	$1,200*	$1,085	$815

--NOTE: All Class 4 or Non-Productive Land will be appraised at $40.00 per acre.
--In 2019 cash rents were increased by 10%, then capitalized at a rate of 6.5% to produce the Agricultural Schedule.
* As required by statute, agricultural values cannot exceed $1,200.

HORTICULTURAL SCHEDULE

All horticultural crops requiring more than one growing season between planting or setting out and harvest, such as Christmas trees, ornamental shrubs and nursery stock, apple and peach orchards, grapes, blueberries, strawberries, sod and other similar horticultural crops should be classified as horticulture regardless of location in the state.

HORTICULTURAL RENTS

MLRA	BEST	AVERAGE	FAIR
130	161.70	111.10	72.90
133A	99.10	68.40	52.25
136	89.20	58.05	40.15
137	84.35	56.85	37.70
153A	93.80	58.15	44.40
153B	122.40	92.80	84.35

HORTICULTURAL SCHEDULE

MLRA	CLASS I	CLASS II	CLASS III
130	$2,485	$1,705	$1,120
133A	$1,520	$1,050	$800
136	$1,370	$890	$615
137	$1,295	$870	$580
153A	$1,440	$890	$680
153B	$1,880	$1,425	$1,295

--NOTE: All Class 4 or Non-Productive Land will be appraised at $40.00 per acre.

--Cash rents were capitalized at a rate of 6.5% to produce the Horticultural Schedule.

FORESTLAND NET PRESENT VALUES

MLRA	Class I	Class II	Class III	Class IV	Class V
130	$34.49	$21.53	$8.48	$4.38	$4.25
133A	$33.20	$21.59	$21.56	$8.37	$5.70
136	$37.08	$25.22	$22.36	$16.08	$11.87
137	$40.22	$26.56	$22.36	$8.74	$3.48
153A	$33.20	$21.59	$21.56	$8.37	$5.70
153B	$27.90	$21.59	$16.90	$8.37	$5.70

FORESTLAND SCHEDULE

MLRA	Class I	Class II	Class III	Class IV	Class V
130	$380	$240	$95	$50	$50
133A	$365	$240	$240	$95	$65
136	$410	$280	$250	$180	$135
137	$445	$295	$250	$95	$40
153A	$365	$240	$240	$95	$65
153B	$310	$240	$190	$95	$65

--NOTE: All Class VI or Non-Productive Land will be appraised at $40.00/Acre. Exception: For MLRA 130 use 80 % of the lowest valued productive land.

--Net Present Values were divided by a capitalization rate of 9.00% to produce the Forestland Schedule.

2009 Cash Rent Study

INTRODUCTION

The National Agricultural Statistics Service in cooperation with the North Carolina Department of Agricultural and Consumer Services collected cash rents data on the 2009 County Estimates Survey. North Carolina farmers were surveyed to obtain cash rent values per acre for three land types: Agricultural, horticultural, and Christmas tree land. Supporting funds for this project were provided by the North Carolina Legislature. Appreciation is expressed to all survey participants who provided the data on which this report is based.

THE SURVEY

The survey was conducted by mail with telephone follow-up during September through February. Values relate to the data collection time period when the respondent completed the survey.

THE DATA

This report includes the most current number of responses and average rental rate per acre. Producers were asked to provide their best estimate of cash rent values in their county by land quality. The data published here are simple averages of the best estimate of the cash rent value per acre. These averages are not official estimates of actual sales.

Reported data that did not represent agricultural usage were removed in order to give a more accurate reflection of agricultural rents and values. To ensure respondent confidentiality and provide more statistical reliability, counties and districts with fewer than 10 reports are not published individually, but are included in aggregate totals. Published values in this report should never be used as the only factor to establish rental arrangements.

Data were collected for three land types: Agricultural, horticultural, and Christmas tree land. Agricultural land includes land used to produce row crops such as soybeans, corn, peanuts, and small grains, pasture land, and hay. Agricultural land also includes any land on which livestock are grown. Horticultural land includes commercial production or growing of fruits or vegetables or nursery or floral products such as apple orchards, blueberries, cucumbers, tomatoes, potted plants, flowers, shrubs, sod, and turf grass. Christmas tree land includes any land to produce Christmas trees, including cut and balled Christmas trees.

2009 Average Cash Rents for Resource Area = 130 Mountains

County	Agricultural High Productivity		Agricultural Medium Productivity		Agricultural Low Productivity		Horticultural High Productivity		Horticultural Medium Productivity		Horticultural Low Productivity		Christmas Trees High Productivity		Christmas Trees Medium Productivity		Christmas Trees Low Productivity	
	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average
ALLEGHANY	22	89.80	21	55.50	21	33.30												
ASHE	17	76.50	15	43.50	15	28.30							12	162.50				
AVERY																		
BUNCOMBE	37	100.70	31	53.90	27	33.80												
BURKE	25	55.20	22	33.20	19	26.60												
CALDWELL	13	35.40	11	23.20	10	16.70												
CHEROKEE	16	88.10	11	48.60	10	29.50												
CLAY	15	68.70	14	39.10	13	25.20												
GRAHAM																		
HAYWOOD	41	117.90	28	73.80	29	43.50												
HENDERSON	24	83.50	18	57.60	18	36.90												
JACKSON																		
MACDOWELL																		
MACON	11	73.20	12	43.30														
MADISON	26	116.50	22	63.20	23	40.50												
MITCHELL																		
POLK																		
SWAIN																		
TRANSYLVANIA	14	93.60											11	181.36				
WATAUGA	27	79.10	18	49.70	14	32.50												
WILKES	79	57.30	71	39.30	59	27.00												
YANCEY	17	117.90	13	72.30	13	48.85												
AREA TOTAL	**422**	**82.10**	**349**	**49.40**	**317**	**32.30**	**78**	**147.00**	**47**	**101.10**	**41**	**66.30**	**69**	**153.60**	**47**	**93.60**	**38**	**61.30**

2009 Average Cash Rents for Resource Area = 133A Upper Coastal Plain

County	Agricultural High Productivity		Agricultural Medium Productivity		Agricultural Low Productivity		Horticultural High Productivity		Horticultural Medium Productivity		Horticultural Low Productivity		Christmas Trees High Productivity		Christmas Trees Medium Productivity		Christmas Trees Low Productivity	
	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average
BLADEN	36	63.10	32	49.20	25	33.80												
COLUMBUS	77	60.80	58	45.80	51	34.60												
CUMBERLAND	36	66.40	29	44.70	25	30.40												
DUPLIN	142	69.30	113	50.80	90	39.70												
EDGECOMBE	36	77.10	29	57.20	22	43.60												
GREENE	61	79.70	40	55.00	36	41.30												
HALIFAX	28	83.30	18	64.20	14	42.10												
HARNETT	58	74.50	52	51.70	39	36.40												
JOHNSTON	103	71.90	84	49.90	63	33.40	13	93.90	10	53.00								
LENOIR	60	81.60	45	58.70	33	42.10												
NASH	51	77.80	39	52.70	31	43.10												
NORTHAMPTON	23	102.60	17	73.80	13	57.30												
ROBESON	53	49.60	52	38.90	28	32.40												
SAMPSON	128	81.60	109	56.40	87	41.80	10	95.00										
SCOTLAND	10	44.50																
WAYNE	96	89.70	64	62.30	65	47.00												
WILSON	40	82.80	30	61.50	27	48.20												
AREA TOTAL	**1038**	**74.70**	**819**	**53.00**	**655**	**39.70**	**61**	**90.10**	**46**	**62.20**	**35**	**47.50**						

2009 Average Cash Rents for Resource Area = 136 Piedmont

County	Agricultural High Productivity		Agricultural Medium Productivity		Agricultural Low Productivity		Horticultural High Productivity		Horticultural Medium Productivity		Horticultural Low Productivity		Christmas Trees High Productivity		Christmas Trees Medium Productivity		Christmas Trees Low Productivity	
	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average
ALAMANCE	63	52.30	51	32.90	50	20.70												
ALEXANDER	35	49.10	28	33.40	29	20.00												
ANSON	35	50.10	31	41.30	25	28.40												
BURKE	25	55.20	22	33.20	19	26.60												
CABARRUS	20	42.20	16	37.80	13	23.90												
CALDWELL	13	35.40	11	23.50	10	16.70												
CASWELL	54	49.90	41	30.90	44	19.20												
CATAWBA	32	39.20	29	28.60	31	19.20												
CHATHAM	47	48.80	48	34.70	37	23.10												
CLEVELAND	44	36.50	39	29.20	34	21.20												
DAVIDSON	50	45.60	43	32.90	40	21.40												
DAVIE	38	60.70	27	39.30	24	21.30												
DURHAM	15	36.50	12	27.50	13	21.50												
FORSYTH	26	63.60	16	48.80	18	23.30												
FRANKLIN	41	59.20	38	37.10	35	21.90												
GASTON	17	33.50	15	27.30	15	18.80												
GRANVILLE	58	53.00	45	31.60	43	17.80												
GUILFORD	46	41.20	39	27.00	34	17.60												
HALIFAX	28	83.30	18	64.20	14	42.10												
IREDELL	52	53.90	49	43.40	43	27.90												
JOHNSTON	103	71.90	84	49.90	63	33.40	13	93.90	10	53.00								
LEE	25	72.40	20	45.40	16	33.10												
LINCOLN	16	35.60	14	21.80	12	15.60												
MECKLENBURG	11	61.40																
MONTGOMERY	16	41.60	16	39.10	14	20.00												
MOORE	37	56.50	33	37.30	25	23.90												
NASH	51	77.80	39	52.70	31	43.10												
ORANGE	31	37.60	26	31.80	25	19.40												
PERSON	38	60.70	26	40.60	22	23.30												
POLK																		
RANDOLPH	96	48.20	81	33.80	73	21.90												
RICHMOND	21	32.60	15	23.30	18	19.30												
ROCKINGHAM	55	55.10	41	30.30	40	16.60												
ROWAN	47	48.80	36	34.70	33	23.50												
RUTHERFORD	21	37.40	16	27.60	14	19.30												
STANLY	34	52.50	30	40.30	29	27.90												
STOKES	54	74.20	39	47.10	34	28.10												
SURRY	73	83.00	57	53.90	53	35.30												
UNION	55	66.30	50	47.80	40	40.30												
VANCE	32	55.00	22	29.30	23	17.20												
WAKE	55	61.20	46	36.20	39	26.20												
WARREN	24	40.90	15	25.30	20	17.80												
WILKES	79	57.30	71	39.30	59	27.00												
YADKIN	79	67.00	60	47.80	58	31.50												
AREA TOTAL	**1798**	**56.20**	**1468**	**38.30**	**1324**	**24.90**	**125**	**81.10**	**101**	**52.80**	**89**	**36.50**	**46**	**77.90**	**43**	**52.90**	**41**	**35.00**

2009 Average Cash Rents for Resource Area = 137 Sandhills

County	Agricultural High Productivity		Agricultural Medium Productivity		Agricultural Low Productivity		Horticultural High Productivity		Horticultural Medium Productivity		Horticultural Low Productivity		Christmas Trees High Productivity		Christmas Trees Medium Productivity		Christmas Trees Low Productivity	
	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average
HARNETT	58	74.50	52	51.70	39	36.40												
HOKE	17	56.50	11	45.00	11	29.10												
LEE	25	72.40	20	45.40	16	33.10												
MOORE	37	56.50	33	37.30	25	23.90												
RICHMOND	21	32.60	15	23.30	18	19.30												
SCOTLAND	10	44.50																
AREA TOTAL	**168**	**61.40**	**139**	**43.00**	**115**	**29.30**	*	**76.70**	*	**51.70**	*	**34.30**						

An * indicates the data is published even though there are less than 10 reports.

2009 Average Cash Rents for Resource Area = 153A Lower Coastal Plain

County	Agricultural High Productivity		Agricultural Medium Productivity		Agricultural Low Productivity		Horticultural High Productivity		Horticultural Medium Productivity		Horticultural Low Productivity		Christmas Trees High Productivity		Christmas Trees Medium Productivity		Christmas Trees Low Productivity	
	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average
BEAUFORT	30	83.70	23	52.00	21	37.10												
BERTIE	41	75.00	23	60.10	21	44.50												
BLADEN	36	63.10	32	49.20	25	33.80												
BRUNSWICK	23	44.40	15	38.00	13	30.00												
CARTERET																		
CHOWAN	20	87.00	13	58.90	12	51.70												
COLUMBUS	77	60.80	58	45.80	51	34.60												
CRAVEN	32	60.60	29	47.80	21	35.20												
DUPLIN	142	69.30	113	50.80	90	39.70												
EDGECOMBE	36	77.10	29	57.20	22	43.60												
GATES	13	81.20	11	62.30														
HERTFORD	15	73.00	11	49.60														
JONES	25	64.40	22	49.80	20	41.30												
MARTIN	46	80.70	33	53.20	29	40.50												
NEW HANOVER																		
ONSLOW	34	55.40	24	42.80	23	34.80												
PAMLICO	13	70.40	13	51.20	13	36.50												
PENDER	24	67.10	21	45.50	19	33.70												
PITT	45	73.70	39	56.20	33	40.50												
WASHINGTON	12	128.80	10	61.00														
AREA TOTAL	**672**	**70.10**	**525**	**51.00**	**442**	**38.40**	**30**	**85.30**	**19**	**52.90**	**13**	**40.40**						

2009 Average Cash Rents for Resource Area = 153B Tidewater

County	Agricultural High Productivity		Agricultural Medium Productivity		Agricultural Low Productivity		Horticultural High Productivity		Horticultural Medium Productivity		Horticultural Low Productivity		Christmas Trees High Productivity		Christmas Trees Medium Productivity		Christmas Trees Low Productivity	
	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average
BEAUFORT	30	83.70	23	52.00	21	37.10												
CAMDEN																		
CARTERET																		
CHOWAN	20	87.00	13	58.40	12	51.70												
CURRITUCK	10	88.00																
DARE																		
HYDE																		
PAMLICO	13	70.40	13	51.20	13	36.50												
PASQUOTANK	19	105.30	11	73.20	10	60.00												
PERQUIMANS	24	101.90	21	78.10	18	58.90												
TYRRELL	10	109.50																
WASHINGTON	12	128.80	10	61.00														
AREA TOTAL	**163**	**94.50**	**117**	**64.30**	**111**	**48.20**	**12**	**111.30**	*	**84.40**	*	**76.70**						

An * indicates the data is published even though there are less than 10 reports.

2009 Average Cash Rents - State Total

County	Agricultural High Productivity		Agricultural Medium Productivity		Agricultural Low Productivity		Horticultural High Productivity		Horticultural Medium Productivity		Horticultural Low Productivity		Christmas Trees High Productivity		Christmas Trees Medium Productivity		Christmas Trees Low Productivity	
	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average	No. of reports	Average
STATE TOTAL	**3431**	**66.90**	**2743**	**45.60**	**2414**	**31.50**	**254**	**103.20**	**184**	**67.70**	**155**	**46.90**	**114**	**121.50**	**93**	**75.30**	**80**	**49.40**

Christmas Tree Guidelines

This information replaces a previous memorandum issued by our office dated December 12, 1989. The 1989 General Assembly enacted an "in-lieu of income" provision allowing land previously qualified as horticulture to continue to receive benefits of the present-use value program when the crop being produced changed from any horticultural product to Christmas trees. It also directed the Department of Revenue to establish a separate gross income requirement different from the $1,000 gross income requirement for horticultural land, when the crop being grown was evergreens intended for use as Christmas trees. N.C.G.S. 105-289(a)(6) directs the Department of Revenue:

> **"To establish requirements for horticultural land, used to produce evergreens intended for use as Christmas trees, in lieu of a gross income requirement until evergreens are harvested from the land, and to establish a gross income requirement for this type of horticultural land, that differs from the income requirement for other horticultural land, when evergreens are harvested from the land."**

It should be noted that horticultural land used to produce evergreens intended for use as Christmas trees is the only use allowed benefit of the present-use value program without first having met a gross income requirement. The trade-off for this exception is a different gross income requirement in recognition of the potential for greater income than would normally be associated with other horticultural or agricultural commodities.

While the majority of Christmas tree production occurs in the western mountain counties (MLRA 130), surveys as far back as 1996 indicate that there are approximately 135 Christmas tree operations in non-mountain counties (MLRAs 136, 137, 133A, 153A & 153B). They include such counties in the piedmont and coastal plain as Craven, Halifax, Robeson, Wake, and Warren. For this reason we have prepared separate in-lieu of income requirements and gross income requirements for these two areas of the State. The different requirements recognize the difference in species, growing practices, markets, and resulting gross income potential.

After consulting with cooperative extension agents, the regional Christmas tree/horticultural specialist at the Western North Carolina Experimental Research Station, and various landowners/growers, we have determined the standards in the following attachments to be reasonable guidelines for compliance with G.S. 105-289(a)(6). Please note these requirements are subject to the whims of weather and other conditions that can have a significant impact. The combined effect of recent hurricanes, spring freezes, and ice storms across some parts of the State should be taken into consideration when appropriate within each county. As with other aspects of the present-use value program, owners of Christmas tree land should not be held accountable for conditions such as adverse weather or disease outbreak beyond their control.

We encourage every county to contact their local Cooperative Extension Service Office to obtain the appropriate local data and expertise to support particular situations in each county.

I. Gross Income Requirement for Christmas Trees

For MLRA 130, the gross income requirement for horticultural land used to grow evergreens intended for use as Christmas trees is $2,000 per acre.

For all other MLRAs, the gross income requirement for horticultural land used to grow evergreens intended for use as Christmas trees is $1,500 per acre.

II. In-Lieu of Income Requirement

MLRA 130 – Mountains

The in-lieu of income requirement is for acreage in production but not yet undergoing harvest, and will be determined by sound management practices, best evidenced by the following:

1. Sites prepared by controlling problem weeds and saplings, taking soil samples, and applying fertilizer and/or lime as appropriate.

2. Generally, a 5' x 5' spacing producing approximately 1,750 potential trees per acre. Spacing must allow for adequate air movement around the trees. (There is very little 4' x 4' or 4.5' x 4.5' spacing. Some experimentation has occurred with 5' x 6' spacing, primarily aimed at producing a 6' tree in 5 years. All of the preceding examples should be acceptable.)

3. A program for insect and weed control.

4. Generally, an eight-to-ten year setting to harvest cycle. (Most leases are for 10 years, which allows for a replanting of non-established or dying seedlings up through the second year.)

The gross income requirement for acres undergoing Christmas tree harvest in the mountain region of North Carolina (MLRA 130) is $2,000 per acre. Once Christmas trees are harvested from specific acreage, the requirement for those harvested acres will revert to the in-lieu of income requirement.

As an example, if the total amount of acres devoted to Christmas tree production is six acres, three of which are undergoing harvest and three of which have yet to reach maturity, the gross income requirement would be $6,000.

MLRA 136 – Piedmont, MLRA 137 – Sandhills, MLRA 133A – Upper Coastal Plain, MLRA 153A – Lower Coastal Plain, and MLRA 153B – Tidewater.

The in-lieu of income requirement is for acreage in production but not yet undergoing harvest, and will be determined by sound management practices, best evidenced by the following:

1. Sites prepared by controlling problem weeds and saplings, taking soil samples, and applying fertilizer and/or lime as appropriate.

2. Generally, a 7' x 7' spacing producing approximately 900 potential trees per acre. Spacing must allow for adequate air movement around the trees. (There may be variations in the spacing dependent on the species being grown, most likely Virginia Pine, White Pine, Eastern Red Cedar, and Leyland Cypress. All reasonable spacing practices should be acceptable.)

3. A program for insect and weed control.

4. Generally a five-to-six year setting to harvest cycle. (Due to the species being grown, soil conditions and growing practices, most operations are capable of producing trees for market in the five-to-six year range. However, the combined effect of adverse weather and disease outbreak may force greater replanting of damaged trees thereby lengthening the current cycle beyond that considered typical.)

The gross income requirement for acres undergoing Christmas tree harvest in the non-mountain regions of North Carolina (MLRAs 136, 137, 133A, 153A, and 153B) is $1,500 per acre. Once Christmas trees are harvested from specific acreage, the requirement for those harvested acres will revert to the in-lieu of income requirement.

As an example, if the total amount of acres devoted to Christmas tree production is six acres, three of which are undergoing harvest and three of which have yet to reach maturity, the gross income requirement would be $4,500.

Procedure for Forestry Schedules

The charge to the Forestry Group is to develop five net income per-acre ranges for each MLRA based on the ability of the soils to produce timber income. The task is confounded by variable species and stand type; management level, costs and opportunities; markets and stumpage prices; topographies; and landowner objectives across North Carolina.

In an attempt to develop realistic net income per acre in each MLRA, the Forestry Group considered the following items by area:

1. Soil productivity and indicator tree species (or stand type);
2. Average stand establishment and annual management costs;
3. Average rotation length and timber yield; and
4. Average timber stumpage prices.

Having selected the appropriate combinations above, the harvest value (gross income) from a managed rotation on a given soil productivity level can be calculated, netted of costs and amortized to arrive at the net income per acre per year soil expectation value. The ensuing discussion introduces users of this manual to the procedure, literature and software citations and decisions leading to the five forest land classes for each MLRA. Column numbers beside sub-headings refer to columns in the Forestry Net Present Values Table.

Soil Productivity/Indicator Species Selection (Col. 1). Soil productivity in forestry is measured by site index (SI). Site index is the height to which trees of a given species will grow on a given soil/site over a designed period of time (usually 50 or 25 years, depending on species, site or age

of site table). The Forestry Group identified key indicator species (or stand types) for each MLRA and then assigned site index ranges for the indicator species that captured the management opportunities for that region. The site index ranges became the productivity class basis for further calculations of timber yield and generally can be correlated to Natural Resource Conservation Service (NRCS) cubic foot per acre productivity classes for most stand types. By MLRA, the following site index ranges and species/stand types cover the overwhelming majority of soils/sites and management opportunities.

MLRA 153A, 153B, 137, 136, 133A:

Species/Stand Type	SI Range (50 yr. basis)
Loblolly pine	86-104
Loblolly pine	66-85
Loblolly pine	60-65
Mixed hardwoods	Mixed species and site indices on coves, river bottoms, bottomlands
Pond and/or longleaf pine	50-55
Upland hardwoods (MLRA 136)	40-68 (Upland oak)

MLRA 130:

Species/Stand Type	SI Range (50 yr. basis)
White pine	70-89
White pine	55-69
Shortleaf/mixed hardwoods	Mixed species/sites (SI 42-58 shortleaf)
Bottomland/cove hardwoods	Mixed species/site indices on coves and bottoms
Upland oak ridges	40-68

The site index ranges above, in most cases, can be correlated to individual soil series (and series' phases) according to NRCS cubic foot per acre productivity classes. An exception will be the cove, bottomland, river bottom, and other hardwood sites where topographic position must also be

considered. The Soils Group is responsible for assigning soil series to the appropriate class for agriculture, horticulture and forestry.

Stand Establishment and Annual Management Costs (Columns 2 and 3). Stand establishment costs include site preparation and tree planting costs. Costs vary from $0 to over $200 per acre depending on soils, species, and management objectives. No cost would be incurred for natural regeneration (as practiced for hardwoods) with costs increasing as pine plantations are intensively managed on highly productive sites. The second column in the Forestry Net Present Values Table contains average establishment costs for the past five years as reported by the N.C. Forest Service for site classes in each MLRA.

Annual management may include costs of pine release, timber stand improvement activities, prescribed burning, boundary line maintenance, consultant fees and other contractual services. Cost may vary from $0 on typical floodplain or bottomland stands to as high as $6 per acre per year on intensively managed pine plantations. Annual management costs in Forestry Net Present Values Table are the best estimates under average stand management regimes by site class.

Rotation Length and Timber Yields (Columns 4, 5, 6). Saw timber rotations are recommended on all sites in North Carolina. This decision is based on the market situation throughout the state, particularly the scarce markets for low quality and small-diameter pine and hardwood, which normally would be used for pulpwood. Timber thinnings are not available to most woodlot managers and, therefore, rotations are assumed to proceed unthinned until the optimum economic product mix is achieved.

Timber yields are based on the most current yield models developed at the N.C. State University College of Natural Resources for loblolly pine. (Hafley, Smith, and Buford, 1982) and natural hardwood stands (Gardner et al. 1982). White pine yields, mountain mixed stand yields, and upland oak yields are derived from U.S. Forest Service yield models developed by Vimmerstedt (1962) and McClure and Knight. Longleaf and pond pine yields are from Schumacher and Coile (1960).

Timber Stumpage Prices (Columns 7 and 8). Cost of forestry operations are derived from the past five-year regional data (provided by the NC Forest Service). For timber, stumpage prices (prices paid for standing timber to landowners) are derived over the same 5-year period from regional timber price data obtained from Timber Mart-South, Inc, or similar timber price reporting system.

Harvest Values (Column 9). Multiplication of timber yields (columns 5 and 6) times the respective timber stumpage prices (columns 7 and 8) gives the gross harvest value of one rotation.

Annualized Net Present Value (NPV) (Column 10). Harvest values (column 9) are discounted to present value at a 4 percent discount rate, which is consistent with rates used and documented by the U.S. Forest Service, forestry industry and forestry economists. This rate approximates the long-term measures of the opportunity cost of capital in the private sector of the U. S. economy (Row et al. 1981; Gunter and Haney, 1984). The respective establishment costs and the present value of annual management costs are subtracted from the present value of the income to obtain the net

present value of the timber stand. This is then amortized over the life of the rotation to arrive at the annualized net present value (or annual net income) figure

Forestry Net Present Value

Indicator Species or Stand Types, Lengths of Rotation, Costs, Yields, Price and Annualized Net Present Value per Acre of Land by Site Index Ranges in Each Major Land Resource Area, North Carolina.

(1) Species/Stand Type	(2) Est. Cost	(3) Mgmt. Cost	(4) Rot. Lgth.	(5) Yield	(6) Yield	(7) Price /mbf	(8) Price /cd	(9) Present Value of Harvest	(10) Annualized NPV
MLRAs 153A and 133A UP LCP	($)	($)	(yrs)	(MBF)	(cds)	($)	($)	($)	($)
Mixed hardwoods	0.00	0	50.00	11.50	44.0	231.8	14.24	463.25	21.56
Loblolly pine (86-104)	367.40	51.8761	30.00	12.00	14.4	228.2	33.58	993.29	33.20
Loblolly pine (66-85)	258.40	34.58407	30.00	7.00	16.8	228.2	33.58	666.38	21.59
Loblolly pine (60-65)	131.40	19.79277	40.00	4.80	12.7	228.2	33.58	316.95	8.37
Pond pine (50-55)	48.00	10.74109	50.00	2.70	20.0	228.2	33.58	181.19	5.70
Longleaf pine	48.00	10.74109	50.00	3.20	8.0	228.2	33.58	140.54	4.75
MLRA 153B TIDEWATER									
Mixed hardwoods	0.00	0	50.00	8.43	44.0	231.8	14.24	363.12	16.90
Loblolly pine (86-104)	458.90	51.8761	30.00	12.00	14.4	228.2	33.58	993.29	27.90
Loblolly pine (66-85)	258.40	34.58407	30.00	7.00	16.8	228.2	33.58	666.38	21.59
Loblolly pine (60-65)	131.40	19.79277	40.00	4.80	12.7	228.2	33.58	316.95	8.37
Pond pine	48.00	10.74109	50.00	2.70	20.0	228.2	33.58	181.19	5.70

Forestry Net Present Value

Indicator Species or Stand Types, Lengths of Rotation, Costs, Yields, Price and Annualized Net Present Value per Acre of Land by Site Index Ranges in Each Major Land Resource Area, North Carolina.

(1) Species/Stand Type	(2) Est. Cost	(3) Mgmt. Cost	(4) Rot. Lgth.	(5) Yield	(6) Yield	(7) Price /mbf	(8) Price /cd	(9) Present Value of Harvest	(10) Annualized NPV
MLRA 137	($)	($)	(yrs)	(MBF)	(cds)	($)	($)	($)	($)
SANDHILLS									
Mixed hardwoods	0.00	0	50.00	11.90	46.0	231.8	14.24	480.30	22.36
Loblolly pine (86-104)	258.40	51.88	30.00	12.00	15.6	228.2	33.58	1005.71	40.22
Loblolly pine (66-85)	131.40	34.58	30.00	6.40	16.9	228.2	33.58	625.21	26.56
Loblolly pine (60-65)	55.00	21.48	50.00	7.20	7.0	228.2	33.58	264.25	8.74
Longleaf pine (50-55)	55.00	10.74	50.00	3.20	8.0	228.2	33.58	140.54	3.48
MLRA 136									
PIED									
Mixed hardwoods	0.00	0	50.00	11.90	46.0	231.8	14.24	480.30	22.36
Loblolly pine (86-104)	277.50	51.88	30.00	11.50	15.6	228.2	33.58	970.54	37.08
Loblolly pine (66-85)	154.50	34.58	30.00	6.40	16.9	228.2	33.58	625.21	25.22
Loblolly pine (60-65)	55.00	9.896	40.00	4.10	15.0	228.2	33.58	299.77	11.87
Upland hardwoods	0.00	0	50.00	6.05	32.0	228.2	33.58	345.44	16.08
MLRA 130									
WESTERN									
Mixed hardwoods	0.00	0	50.00	10.95	0.0	300.1	16.59	462.42	21.53
White pine (70-89)	281.00	34.58	30.00	17.80	0.0	166.2	21.16	912.06	34.49
White pine (55-69)	181.00	18.66	35.00	8.50	0.0	166.2	21.16	357.98	8.48
Shortleaf/mixed hwd.	0.00	0	60.00	6.00	0.0	168.6	21.16	96.15	4.25
Upland oak ridge (40-68)	0.00	0	70.00	5.32	0.0	300.1	16.59	102.53	4.38

Map Unit Name	Agri	For	Hort
Alluvial land, wet	IV	II	IV
Arents, loamy	IV	II	IV
Arkaqua loam, 0 to 2 percent slopes, frequently flooded	IV	II	IV
Arkaqua loam, 0 to 2 percent slopes, occasionally flooded	II	III	II
Arkaqua loam, 0 to 2 percent slopes, rarely flooded	II	III	II
Ashe and Edneyville soils, 6 to 15 percent slopes	IV	I	III
Ashe and Edneyville soils, 15 to 25 percent slopes	IV	I	III
Ashe and Edneyville soils, 25 to 45 percent slopes	IV	I	IV
Ashe fine sandy loam, 6 to 15 percent slopes	IV	III	III
Ashe fine sandy loam, 10 to 25 percent slopes	IV	III	III
Ashe fine sandy loam, 15 to 25 percent slopes	IV	III	III
Ashe fine sandy loam, 25 to 45 percent slopes	IV	III	IV
Ashe gravelly fine sandy loam, 25 to 65 percent slopes	IV	III	IV
Ashe stony fine sandy loam, ALL	IV	III	IV
Ashe stony sandy loam, ALL	IV	III	IV
Ashe-Chestnut-Buladean complex, very stony, ALL	IV	III	IV
Ashe-Cleveland complex, stony, ALL	IV	IV	IV
Ashe-Cleveland-Rock outcrop complex, ALL	IV	IV	IV
Ashe-Rock outcrop complex, 15 to 70 percent slopes	IV	VI	IV
Augusta fine sandy loam, cool variant, 1 to 4 percent slopes (Delanco)	II	I	II
Balsam, ALL	IV	VI	IV
Balsam-Rubble land complex, windswept, ALL	IV	VI	IV
Balsam-Tanasee complex, extremely bouldery, ALL	IV	VI	IV
Bandana sandy loam, 0 to 3 percent slopes, occasionally flooded	II	II	II
Bandana-Ostin complex, 0 to 3 percent slopes, occasionally flooded	III	II	III
Biltmore, ALL	IV	II	IV
Braddock and Hayesville clay loams, eroded, ALL	III	I	III
Braddock clay loam, 2 to 6 percent slopes, eroded	II	I	III
Braddock clay loam, 2 to 8 percent slopes, eroded	II	I	III
Braddock clay loam, 6 to 15 percent slopes, eroded	II	I	III
Braddock clay loam, 8 to 15 percent slopes, eroded	II	I	III
Braddock clay loam, eroded, ALL OTHER	IV	I	III
Braddock clay loam, 15 to 30 percent slopes, eroded, stony	IV	I	IV
Braddock fine sandy loam, 15 to 30 percent slopes	III	I	III
Braddock gravelly loam, 2 to 8 percent slopes	I	I	I
Braddock gravelly loam, 8 to 15 percent slopes	II	I	I
Braddock loam, 2 to 8 percent slopes	I	I	I
Braddock loam, 8 to 15 percent slopes	II	I	I
Braddock-Urban land complex, ALL	IV	I	IV
Bradson gravelly loam, ALL	II	I	I
Brandywine stony soils, ALL	IV	IV	IV
Brasstown-Junaluska complex, 8 to 15 percent slopes	III	IV	III
Brasstown-Junaluska complex, 15 to 30 percent slopes	IV	IV	III
Brasstown-Junaluska complex, ALL OTHER	IV	IV	IV
Brevard fine sandy loam, 1 to 6 percent slopes, rarely flooded	I	I	I
Brevard loam, 2 to 6 percent slopes	I	I	I
Brevard loam, 6 to 10 percent slopes	II	I	I
Brevard loam, 7 to 15 percent slopes	II	I	I
Brevard loam, 10 to 25 percent slopes	IV	I	I
Brevard loam, 15 to 25 percent slopes	IV	I	I
Brevard loam, 25 to 45 percent slopes	IV	I	II
Brevard sandy loam, 8 to 15 percent slopes	II	I	I

Map Unit Name	Agri	For	Hort
Brevard-Greenlee complex, extremely bouldery, ALL	IV	I	IV
Buladean-Chestnut complex, 15 to 30 percent slopes, stony	IV	I	III
Buladean-Chestnut complex, stony, ALL OTHER	IV	I	IV
Burton stony loam, ALL	IV	V	IV
Burton-Craggey complex, windswept, ALL	IV	VI	IV
Burton-Craggey-Rock outcrop complex, windswept, ALL	IV	VI	IV
Burton-Wayah complex, windswept, ALL	IV	VI	IV
Cashiers fine sandy loam, 2 to 8 percent slopes	II	I	I
Cashiers fine sandy loam, 8 to 15 percent slopes	II	I	II
Cashiers fine sandy loam, 15 to 30 percent slopes, stony	IV	I	II
Cashiers fine sandy loam, 30 to 50 percent slopes, stony	IV	I	III
Cashiers fine sandy loam, 50 to 95 percent slopes, stony	IV	I	IV
Cashiers gravelly fine sandy loam, 8 to 15 percent slopes	II	I	II
Cashiers gravelly fine sandy loam, 15 to 30 percent slopes	IV	I	II
Cashiers gravelly fine sandy loam, 30 to 50 percent slopes	IV	I	III
Cashiers gravelly fine sandy loam, 50 to 95 percent slopes	IV	I	IV
Cashiers sandy loam, 8 to 15 percent slopes, stony	II	I	II
Cashiers sandy loam, 15 to 30 percent slopes, stony	IV	I	II
Cashiers sandy loam, 30 to 50 percent slopes, stony	IV	I	III
Cashiers sandy loam, 50 to 95 percent slopes, stony	IV	I	IV
Cataska-Rock outcrop complex, 30 to 95 percent slopes	IV	VI	IV
Cataska-Sylco complex, 50 to 95 percent slopes	IV	VI	IV
Chandler and Fannin soils, 25 to 45 percent slopes	IV	I	IV
Chandler gravelly fine sandy loam, 8 to 15 percent slopes	IV	III	II
Chandler gravelly fine sandy loam, 15 to 30 percent slopes	IV	III	II
Chandler gravelly fine sandy loam, 30 to 50 percent slopes	IV	III	III
Chandler gravelly fine sandy loam, ALL OTHER	IV	III	IV
Chandler gravelly fine sandy loam, windswept, ALL	IV	VI	IV
Chandler loam, 2 to 8 percent slopes	III	III	II
Chandler loam, 8 to 15 percent slopes	IV	III	II
Chandler loam, 15 to 25 percent slopes	IV	III	III
Chandler loam, 25 to 65 percent slopes	IV	III	IV
Chandler silt loam, 10 to 25 percent slopes	IV	III	II
Chandler silt loam, 25 to 45 percent slopes	IV	III	III
Chandler stony loam, 45 to 70 percent slopes	IV	III	IV
Chandler stony silt loam, ALL	IV	III	IV
Chandler-Micaville complex, 8 to 15 percent slopes	IV	III	II
Chandler-Micaville complex, 15 to 30 percent slopes, stony	IV	III	II
Chandler-Micaville complex, 30 to 50 percent slopes, stony	IV	III	III
Chandler-Micaville complex, 50 to 95 percent slopes, stony	IV	III	IV
Cheoah channery loam, ALL	IV	I	IV
Cheoah channery loam, stony, ALL	IV	I	IV
Cheoah channery loam, windswept, stony	IV	VI	IV
Chester clay loam, 15 to 45 percent slopes, eroded (Evard)	IV	I	III
Chester fine sandy loam, 6 to 15 percent slopes (Evard)	II	I	I
Chester fine sandy loam, 15 to 25 percent slopes (Evard)	II	I	III
Chester fine sandy loam, 25 to 45 percent slopes (Evard)	IV	I	III
Chester loam, 2 to 6 percent slopes	II	I	I
Chester loam, 6 to 10 percent slopes	III	I	I
Chester loam, 10 to 25 percent slopes	IV	I	II
Chester loam, 25 to 45 percent slopes	IV	I	III
Chester stony loam, 10 to 15 percent slopes (Evard)	III	I	III

Map Unit Name	Agri	For	Hort
Chester stony loam, (Evard), ALL OTHER	IV	I	IV
Chestnut and Edneyville soils, 15 to 25 percent slopes	IV	I	II
Chestnut and Edneyville soils, 25 to 50 percent slopes	IV	I	III
Chestnut gravelly loam, 50 to 80 percent slopes	IV	III	IV
Chestnut-Ashe complex, ALL	IV	III	IV
Chestnut-Buladean complex, 8 to 15 percent slopes, rocky	III	III	III
Chestnut-Buladean complex, stony, ALL	IV	III	IV
Chestnut-Cleveland-Rock outcrop complex, windswept, ALL	IV	VI	IV
Chestnut-Edneyville complex, 8 to 25 percent slopes, stony	IV	III	III
Chestnut-Edneyville complex, 25 to 60 percent slopes, stony	IV	III	IV
Chestnut-Edneyville complex, windswept, stony, ALL	IV	VI	IV
Chestoa-Ditney-Rock outcrop complex, 30 to 95 percent slopes, very bouldery	IV	VI	IV
Cleveland-Chestnut-Rock outcrop complex, windswept, ALL	IV	VI	IV
Cleveland-Rock outcrop complex, 8 to 90 percent slopes	IV	VI	IV
Cliffield-Cowee complex, 15 to 30 percent slopes, very stony	IV	V	IV
Cliffield-Fairview complex, 15 to 25 percent slopes	IV	V	IV
Cliffield-Pigeonroost complex, very stony, ALL	IV	V	IV
Cliffield-Rhodhiss complex, 25 to 60 percent slopes, very stony	IV	V	IV
Cliffield-Rock outcrop complex, 50 to 95 percent slopes	IV	VI	IV
Cliffield-Woolwine complex, 8 to 15 percent slopes	IV	V	IV
Clifton (Evard) stony loam, ALL	IV	I	IV
Clifton clay loam, 8 to 15 percent slopes, eroded	III	I	III
Clifton clay loam, 15 to 30 percent slopes, eroded	IV	I	III
Clifton clay loam, 30 to 50 percent slopes, eroded	IV	I	IIII
Clifton loam, 2 to 8 percent slopes	II	I	I
Clifton loam, 6 to 10 percent slopes	II	I	I
Clifton loam, 8 to 15 percent slopes	II	I	II
Clifton loam, 10 to 25 percent slopes	IV	I	II
Clifton loam, 15 to 25 percent slopes	IV	I	II
Clifton loam, 25 to 45 percent slopes	IV	I	III
Clifton stony loam, 15 to 45 percent slopes	IV	I	IV
Clingman-Craggey-Rock outcrop complex, windswept, 15 to 95 percent slopes, extremely bouldery	IV	VI	IV
Codorus, ALL	II	II	III
Colvard, ALL	I	II	III
Comus, ALL	I	II	III
Cowee gravelly loam, stony, ALL	IV	V	IV
Cowee-Evard-Urban land complex, 15 to 30 percent slopes	IV	III	IV
Cowee-Saluda complex, stony, ALL	IV	V	IV
Craggey-Rock outcrop complex, 40 to 90 percent slopes	IV	VI	IV
Craggey-Rock outcrop-Clingman complex, windswept, rubbly, ALL	IV	VI	IV
Crossnore-Jeffrey complex, very stony, ALL	IV	I	IV
Cullasaja cobbly fine sandy loam, 8 to 30 percent slopes, very bouldery	IV	II	IV
Cullasaja cobbly loam, extremely bouldery, ALL	IV	II	IV
Cullasaja very cobbly fine sandy loam, extremely bouldery, ALL	IV	II	IV
Cullasaja very cobbly loam, extremely bouldery, ALL	IV	II	IV
Cullasaja very cobbly sandy loam, extremely bouldery, ALL	IV	II	IV
Cullasaja-Tuckasegee complex, 8 to 15 percent slopes, stony	IV	II	II
Cullasaja-Tuckasegee complex, 15 to 30 percent slopes, stony	IV	II	II
Cullasaja-Tuckasegee complex, 30 to 50 percent slopes, stony	IV	II	III
Cullasaja-Tuckasegee complex, 50 to 90 percent slopes, stony	IV	II	IV
Cullasaja-Tuckasegee complex, 50 to 95 percent slopes, stony	IV	II	IV

Map Unit Name	Agri	For	Hort
Cullasaja-Tusquitee complex, 10 to 45 percent slopes	IV	II	III
Cullowhee fine sandy loam, 0 to 2 percent slopes, occasionally flooded	II	II	II
Cullowhee, frequently flooded, ALL	IV	II	IV
Cullowhee-Nikwasi complex, 0 to 2 percent slopes, frequently flooded	IV	II	IV
Delanco (Dillard) loam, ALL	I	I	I
Delanco fine sandy loam, 2 to 6 percent slopes	II	I	I
Dellwood gravelly fine sandy loam, 0 to 5 percent slopes, frequently flooded	IV	II	IV
Dellwood, occasionally flooded, ALL	III	II	III
Dellwood-Reddies complex, 0 to 3 percent slopes, occasionally flooded	III	II	III
Dellwood-Urban land complex, 0 to 3 percent slopes, occasionally flooded	IV	II	IV
Dillard, ALL	I	I	I
Dillsboro clay loam, 2 to 8 percent slopes	I	I	I
Dillsboro clay loam, 8 to 15 percent slopes, rarely flooded	II	I	II
Dillsboro clay loam, 8 to 15 percent slopes, stony	III	I	II
Dillsboro clay loam, 15 to 30 percent slopes, stony	IV	I	II
Dillsboro loam, 2 to 8 percent slopes	I	I	I
Dillsboro loam, 8 to 15 percent slopes	II	I	II
Dillsboro-Urban land complex, 2 to 15 percent slopes	IV	I	IV
Ditney-Unicoi complex, very stony, ALL	IV	VI	IV
Ditney-Unicoi complex, 50 to 95 percent slopes, very rocky	IV	VI	IV
Ditney-Unicoi-Rock outcrop complex, ALL	IV	VI	IV
Edneytown gravelly sandy loam, 8 to 25 percent slopes	IV	I	III
Edneytown-Chestnut complex, 30 to 50 percent slopes, stony	IV	I	III
Edneytown-Chestnut complex, 50 to 80 percent slopes, stony	IV	I	IV
Edneytown-Pigeonroost complex, 8 to 15 percent slopes, stony	III	I	III
Edneytown-Pigeonroost complex, 15 to 30 percent slopes, stony	IV	I	III
Edneytown-Pigeonroost complex, 30 to 50 percent slopes, stony	IV	I	IV
Edneyville (Edneytown) fine sandy loam, 7 to 15 percent slopes	III	I	III
Edneyville (Edneytown) fine sandy loam, 15 to 25 percent slopes	IV	I	IV
Edneyville (Edneytown) fine sandy loam, 25 to 45 percent slopes	IV	I	IV
Edneyville loam, 15 to 25 percent slopes	IV	I	II
Edneyville loam, 25 to 45 percent slopes	IV	I	III
Edneyville stony loam, 45 to 70 percent slopes	IV	I	IV
Edneyville-Chestnut complex, 2 to 8 percent slopes, stony	III	I	III
Edneyville-Chestnut complex, 8 to 15 percent slopes, stony	IV	I	III
Edneyville-Chestnut complex, 10 to 25 percent slopes, stony	IV	I	III
Edneyville-Chestnut complex, 15 to 30 percent slopes, stony	IV	I	III
Edneyville-Chestnut complex, ALL OTHER	IV	I	IV
Edneyville-Chestnut-Urban land complex, ALL	IV	I	IV
Ellijay silty clay loam, 2 to 8 percent slopes, eroded	III	I	I
Ellijay silty clay loam, 8 to 15 percent slopes, eroded	IV	I	I
Ellijay silty clay loam, eroded, ALL OTHER	IV	I	II
Elsinboro loam, ALL	I	I	I
Eutrochrepts, mined, 30 to 50 percent slopes, very stony	IV	VI	IV
Evard and Saluda fine sandy loams, 25 to 60 percent slopes	IV	I	IV
Evard fine sandy loam, 7 to 15 percent slopes	III	I	II
Evard fine sandy loam, 15 to 25 percent slopes	IV	I	II
Evard fine sandy loam, 25 to 50 percent slopes	IV	I	III
Evard gravelly sandy loam, 6 to 15 percent slopes	III	I	II
Evard gravelly sandy loam, 15 to 25 percent slopes	IV	I	III
Evard loam, ALL	IV	I	IV
Evard soils, 15 to 25 percent slopes	IV	I	III

Map Unit Name	Agri	For	Hort
Evard soils, ALL OTHER	IV	I	IV
Evard stony loam, 25 to 60 percent slopes	IV	I	IV
Evard-Cowee complex, 2 to 8 percent slopes	III	I	II
Evard-Cowee complex, 8 to 15 percent slopes	III	I	II
Evard-Cowee complex, 8 to 15 percent slopes, eroded	III	I	II
Evard-Cowee complex, 8 to 25 percent slopes, stony	IV	I	III
Evard-Cowee complex, ALL OTHER	IV	I	IV
Evard-Cowee-Urban land complex, ALL	IV	I	IV
Fannin fine sandy loam, 8 to 15 percent slopes	III	I	I
Fannin fine sandy loam, 15 to 30 percent slopes	IV	I	II
Fannin fine sandy loam, 15 to 30 percent slopes, stony	IV	I	II
Fannin fine sandy loam, 30 to 50 percent slopes	IV	I	II
Fannin fine sandy loam, 30 to 50 percent slopes, stony	IV	I	III
Fannin fine sandy loam, 50 to 95 percent slopes	IV	I	III
Fannin loam, 8 to 15 percent slopes	III	I	II
Fannin loam, 15 to 25 percent slopes	IV	I	III
Fannin loam, 25 to 45 percent slopes	IV	I	III
Fannin loam, 30 to 50 percent slopes, eroded	IV	I	III
Fannin loam, 45 to 70 percent slopes	IV	I	IV
Fannin sandy clay loam, 8 to 15 percent slopes, eroded	III	I	II
Fannin sandy clay loam, eroded, ALL OTHER	IV	I	III
Fannin silt loam, 6 to 10 percent slopes, eroded	III	I	II
Fannin silt loam, 7 to 15 percent slopes	III	I	II
Fannin silt loam, 10 to 25 percent slopes, eroded	IV	I	III
Fannin silt loam, 15 to 25 percent slopes	IV	I	III
Fannin silt loam, 25 to 45 percent slopes	IV	I	III
Fannin silty clay loam, 15 to 45 percent slopes, eroded	IV	I	IV
Fannin-Chestnut complex, 50 to 85 percent slopes, rocky	IV	I	IV
Fannin-Cowee complex, 15 to 30 percent slopes, stony	IV	I	III
Fannin-Cowee complex, stony, ALL OTHER	IV	I	IV
Fannin-Urban land complex, 2 to 15 percent slopes	IV	I	IV
Fletcher and Fannin soils, 6 to 15 percent slopes	III	I	II
Fletcher and Fannin soils, 15 to 25 percent slopes	IV	I	II
Fluvaquents-Udifluvents complex, occasionally flooded, ALL	III	II	IV
Fontaflora-Ostin complex	IV	II	IV
French fine sandy loam, 0 to 3 percent slopes, frequently flooded	IV	II	IV
Greenlee ALL	IV	I	IV
Greenlee-Ostin complex, 3 to 40 percent slopes, very stony	IV	I	IV
Greenlee-Tate complex, ALL	IV	I	IV
Greenlee-Tate-Ostin complex, 1 to 15 percent slopes, extremely stony	IV	I	IV
Gullied land	IV	VI	IV
Harmiller-Shinbone complex, 15 to 30 percent slopes, stony	IV	III	III
Harmiller-Shinbone complex, 30 to 50 percent slopes, stony	IV	III	III
Hatboro loam	IV	II	IV
Hayesville channery fine sandy loam, 8 to 15 percent slopes, very stony	IV	I	II
Hayesville channery fine sandy loam, 15 to 25 percent slopes, very stony	IV	I	III
Hayesville channery fine sandy loam, 25 to 60 percent slopes, very stony	IV	I	IV
Hayesville clay loam, 2 to 8 percent slopes, eroded	III	I	II
Hayesville clay loam, 6 to 15 percent slopes, eroded	IV	I	II
Hayesville clay loam, 8 to 15 percent slopes, eroded	IV	I	II
Hayesville clay loam, 10 to 25 percent slopes, severely eroded	IV	I	III
Hayesville clay loam, 15 to 30 percent slopes, eroded	IV	I	III

Map Unit Name	Agri	For	Hort
Hayesville fine sandy loam, 6 to 15 percent slopes	III	I	I
Hayesville fine sandy loam, 8 to 15 percent slopes	III	I	I
Hayesville fine sandy loam, 15 to 25 percent slopes	III	I	II
Hayesville fine sandy loam, 15 to 30 percent slopes	III	I	II
Hayesville fine sandy loam, 25 to 50 percent slopes	IV	I	III
Hayesville loam, 2 to 7 percent slopes	II	I	I
Hayesville loam, 2 to 8 percent slopes	II	I	I
Hayesville loam, 6 to 10 percent slopes	II	I	I
Hayesville loam, 6 to 15 percent slopes	III	I	I
Hayesville loam, 7 to 15 percent slopes	III	I	I
Hayesville loam, 8 to 15 percent slopes	III	I	I
Hayesville loam, 10 to 25 percent slopes	III	I	II
Hayesville loam, 15 to 25 percent slopes	III	I	II
Hayesville loam, 15 to 30 percent slopes	III	I	II
Hayesville sandy clay loam, 15 to 30 percent slopes, eroded	IV	I	III
Hayesville sandy clay loam, eroded, ALL OTHER	III	I	II
Hayesville-Evard complex, 15 to 25 percent slopes	III	I	II
Hayesville-Evard-Urban land complex, 15 to 25 percent slopes	IV	I	IV
Hayesville-Sauratown complex, 2 to 8 percent slopes	II	I	II
Hayesville-Sauratown complex, 8 to 15 percent slopes	III	I	II
Hayesville-Sauratown complex, 15 to 25 percent slopes	III	I	III
Hayesville-Sauratown complex, 25 to 60 percent slopes	IV	I	III
Hayesville-Urban land complex, ALL	IV	I	IV
Haywood stony loam, 15 to 25 percent slopes	IV	I	III
Haywood stony loam, 25 to 50 percent slopes	IV	I	IV
Hemphill, rarely flooded, ALL	IV	II	IV
Humaquepts, loamy, 2 to 8 percent slopes, stony	IV	II	IV
Huntdale clay loam, 8 to 15 percent slopes, stony	III	I	II
Huntdale clay loam, 15 to 30 percent slopes, stony	IV	I	II
Huntdale clay loam, 30 to 50 percent slopes, stony	IV	I	III
Huntdale silty clay loam, 15 to 30 percent slopes, stony	IV	I	II
Huntdale silty clay loam, 30 to 50 percent slopes, very stony	IV	I	III
Huntdale silty clay loam, 50 to 95 percent slopes, very stony	IV	I	IV
Iotla sandy loam, 0 to 2 percent slopes, occasionally flooded	II	II	III
Junaluska-Brasstown complex, 6 to 25 percent slopes	IV	IV	II
Junaluska-Brasstown complex, 15 to 30 percent slopes	IV	IV	III
Junaluska-Brasstown complex, 25 to 60 percent slopes	IV	IV	III
Junaluska-Brasstown complex, 30 to 50 percent slopes	IV	IV	IV
Junaluska-Tsali complex, ALL	IV	IV	IV
Keener-Lostcove complex, 15 to 30 percent slopes, very stony	IV	I	III
Keener-Lostcove complex, 30 to 50 percent slopes, very stony	IV	I	IV
Kinkora loam	IV	I	III
Lonon loam, 2 to 8 percent slopes	I	I	I
Lonon loam, 8 to 15 percent slopes	II	I	I
Lonon loam, 15 to 30 percent slopes	IV	I	II
Lonon-Northcove complex, 6 to 15 percent slopes	IV	I	III
Maymead fine sandy loam, ALL	IV	I	II
Maymead-Greenlee-Potomac complex, 3 to 25 percent slopes	IV	I	IV
Nikwasi, ALL	IV	II	IV
Northcove very cobbly loam, ALL	IV	I	IV
Northcove-Maymead complex, extremely stony, ALL	IV	I	IV
Oconaluftee channery loam, ALL	IV	VI	IV

Map Unit Name	Agri	For	Hort
Oconaluftee channery loam, windswept, ALL	IV	VI	IV
Ostin, occasionally flooded, ALL	IV	II	IV
Pigeonroost-Edneytown complex, stony, ALL	IV	I	III
Pineola gravelly loam, 2 to 8 percent slopes	IV	I	II
Pineola gravelly loam, 8 to 15 percent slopes, stony	IV	I	II
Pineola gravelly loam, 15 to 30 percent slopes, stony	IV	I	III
Pits, ALL	IV	VI	IV
Plott fine sandy loam, 8 to 15 percent slopes, stony	III	I	II
Plott fine sandy loam, 15 to 30 percent slopes, stony	IV	I	II
Plott fine sandy loam, 30 to 50 percent slopes, stony	IV	I	III
Plott fine sandy loam, 50 to 95 percent slopes, stony	IV	I	IV
Plott loam, 15 to 30 percent slopes, stony	IV	I	II
Plott loam, 30 to 50 percent slopes, stony	IV	I	III
Plott loam, 50 to 95 percent slopes, stony	IV	I	IV
Ponzer muck, cool variant	IV	VI	IV
Porters gravelly loam, 8 to 15 percent slopes, stony	III	I	II
Porters gravelly loam, 15 to 30 percent slopes, stony	IV	I	II
Porters gravelly loam, 30 to 50 percent slopes, stony	IV	I	III
Porters gravelly loam, 50 to 80 percent slopes, stony	IV	I	IV
Porters loam, 25 to 45 percent slopes	IV	I	III
Porters loam, 25 to 80 percent slopes, stony	IV	I	IV
Porters loam, 30 to 50 percent slopes, stony	IV	I	IV
Porters loam, ALL OTHER	IV	I	II
Porters stony loam, 10 to 25 percent slopes	IV	I	II
Porters stony loam, 15 to 25 percent slopes	IV	I	II
Porters stony loam, 15 to 45 percent slopes	IV	I	II
Porters stony loam, 25 to 45 percent slopes	IV	I	III
Porters stony loam, ALL OTHER	IV	I	IV
Porters-Unaka complex, 8 to 15 percent slopes, stony	IV	I	II
Porters-Unaka complex, 15 to 30 percent slopes, stony	IV	I	II
Porters-Unaka complex, 30 to 50 percent slopes, stony	IV	I	III
Porters-Unaka complex, 50 to 95 percent slopes, rocky	IV	I	IV
Potomac, frequently flooded, ALL	IV	II	IV
Potomac-Iotla complex, 0 to 3 percent slopes, mounded, frequently flooded	IV	II	IV
Rabun loam, 6 to 25 percent slopes	IV	I	II
Rabun loam, 25 to 50 percent slopes	IV	I	III
Reddies, occasionally flooded	II	II	II
Reddies, frequently flooded, ALL	IV	II	IV
Rock outcrop	IV	VI	IV
Rock outcrop-Ashe complex, ALL	IV	VI	IV
Rock outcrop-Ashe-Cleveland complex, ALL	IV	VI	IV
Rock outcrop-Cataska complex, ALL	IV	VI	IV
Rock outcrop-Cleveland complex, ALL	IV	VI	IV
Rock outcrop-Cleveland complex, windswept, ALL	IV	VI	IV
Rock outcrop-Craggey complex, windswept, ALL	IV	VI	IV
Rosman, frequently flooded, ALL	IV	II	IV
Rosman, ALL OTHER	I	II	I
Rosman-Reddies complex, 0 to 3 percent slopes, occasionally flooded	I	II	I
Saunook gravelly loam, 2 to 8 percent slopes	I	I	I
Saunook gravelly loam, 8 to 15 percent slopes	I	I	I
Saunook gravelly loam, 8 to 15 percent slopes, stony	II	I	II
Saunook gravelly loam, 15 to 30 percent slopes	IV	I	II

Map Unit Name	Agri	For	Hort
Saunook gravelly loam, 15 to 30 percent slopes, stony	IV	I	II
Saunook gravelly loam, 30 to 50 percent slopes, stony	IV	I	III
Saunook loam, 2 to 8 percent slopes	I	I	I
Saunook loam, 8 to 15 percent slopes	I	I	I
Saunook loam, 8 to 15 percent slopes, stony	II	I	II
Saunook loam, 15 to 30 percent slopes, stony	IV	I	II
Saunook loam, 15 to 30 percent slopes, very stony	IV	I	III
Saunook loam, 30 to 50 percent slopes, very stony	IV	I	IV
Saunook sandy loam, 2 to 8 percent slopes	I	I	I
Saunook sandy loam, 8 to 15 percent slopes, stony	II	I	II
Saunook silt loam, 2 to 8 percent slopes	I	I	I
Saunook silt loam, 8 to 15 percent slopes, stony	II	I	II
Saunook-Nikwasi complex, 2 to 15 percent slopes	IV	I	III
Saunook-Thunder complex, ALL	IV	I	III
Saunook-Urban land complex, 2 to 15 percent slopes	IV	I	IV
Sauratown channery fine sandy loam, 8 to 15 percent slopes	IV	V	III
Sauratown channery fine sandy loam, 8 to 15 percent slopes, very stony	IV	V	III
Sauratown channery fine sandy loam, ALL OTHER	IV	V	IV
Soco-Cataska-Rock outcrop complex, 50 to 95 percent slopes	IV	VI	IV
Soco-Ditney complex, 6 to 25 percent slopes, stony	IV	III	III
Soco-Ditney complex, 8 to 15 percent slopes, very stony	IV	III	III
Soco-Ditney complex, 15 to 30 percent slopes, very stony	IV	III	III
Soco-Ditney complex, ALL OTHER	IV	III	IV
Soco-Stecoah complex, 8 to 15 percent slopes, stony	IV	III	II
Soco-Stecoah complex, 15 to 30 percent slopes	IV	III	III
Soco-Stecoah complex, 15 to 30 percent slopes, stony	IV	III	III
Soco-Stecoah complex, ALL OTHER	IV	III	IV
Soco-Stecoah complex, windswept, 30 to 50 percent slopes	IV	VI	IV
Spivey cobbly loam, extremely bouldery, ALL	IV	I	IV
Spivey stony loam, 10 to 40 percent slopes	IV	I	IV
Spivey-Santeetlah complex, 8 to 15 percent slopes, stony	IV	I	III
Spivey-Santeetlah complex, 15 to 30 percent slopes, stony	IV	I	III
Spivey-Santeetlah complex, stony, ALL OTHER	IV	I	IV
Spivey-Whiteoak complex, ALL	IV	I	IV
Statler, rarely flooded, ALL	I	I	I
Stecoah-Soco complex, 15 to 30 percent slopes, stony	IV	I	III
Stecoah-Soco complex, 30 to 50 percent slopes, stony	IV	I	III
Stecoah-Soco complex, 50 to 80 percent slopes, stony	IV	I	IV
Stony colluvial land	IV	II	IV
Stony land	IV	VI	IV
Stony steep land	IV	VI	IV
Suncook loamy sand, ALL	IV	II	II
Sylco-Cataska complex, ALL	IV	IV	IV
Sylco-Rock outcrop complex, 50 to 95 percent slopes	IV	IV	IV
Sylco-Soco complex, 10 to 30 percent slopes, stony	IV	IV	IV
Sylva-Whiteside complex, ALL	IV	I	II
Talladega, ALL	IV	IV	IV
Tanasee-Balsam complex, ALL	IV	VI	IV
Tate fine sandy loam, 2 to 6 percent slopes	I	I	I
Tate fine sandy loam, 2 to 7 percent slopes	I	I	I
Tate fine sandy loam, 2 to 8 percent slopes	I	I	I
Tate fine sandy loam, 2 to 8 percent slopes, very stony	IV	I	II

Map Unit Name	Agri	For	Hort
Tate fine sandy loam, 6 to 15 percent slopes	II	I	I
Tate fine sandy loam, 7 to 15 percent slopes	II	I	I
Tate fine sandy loam, 8 to 15 percent slopes	II	I	I
Tate fine sandy loam, 8 to 25 percent slopes	IV	I	II
Tate fine sandy loam, 15 to 25 percent slopes	IV	I	II
Tate gravelly loam, 8 to 15 percent slopes	II	I	I
Tate gravelly loam, 8 to 15 percent slopes, stony	II	I	II
Tate gravelly loam, 15 to 30 percent slopes, stony	IV	I	II
Tate loam, 2 to 6 percent slopes	I	I	I
Tate loam, 2 to 8 percent slopes	I	I	I
Tate loam, 6 to 10 percent slopes	II	I	I
Tate loam, 6 to 15 percent slopes	II	I	I
Tate loam, 8 to 15 percent slopes	II	I	I
Tate loam, 10 to 15 percent slopes	II	I	I
Tate loam, 15 to 25 percent slopes	IV	I	II
Tate loam, 15 to 30 percent slopes	IV	I	II
Tate-Cullowhee complex, 0 to 25 percent slopes	IV	I	II
Tate-French complex, 2 to 10 percent slopes	II	I	II
Tate-Greenlee complex, ALL	IV	I	IV
Thunder-Saunook complex, ALL	IV	II	IV
Toecane-Tusquitee complex, ALL	IV	II	III
Toxaway, ALL	IV	II	IV
Transylvania silt loam	I	II	II
Trimont gravelly loam, ALL	IV	I	IV
Tuckasegee-Cullasaja complex, 8 to 15 percent slopes, stony	IV	II	III
Tuckasegee-Cullasaja complex, 15 to 30 percent slopes, very stony	IV	II	IV
Tuckasegee-Cullasaja complex, 30 to 50 percent slopes, extremely stony	IV	II	IV
Tuckasegee-Whiteside complex, 2 to 8 percent slopes	I	II	I
Tuckasegee-Whiteside complex, 8 to 15 percent slopes	II	II	I
Tusquitee and Spivey stony soils, ALL	IV	I	IV
Tusquitee loam, 6 to 10 percent slopes	I	I	I
Tusquitee loam, 6 to 15 percent slopes	II	I	I
Tusquitee loam, 7 to 15 percent slopes	II	I	I
Tusquitee loam, 8 to 15 percent slopes	II	I	I
Tusquitee loam, 10 to 15 percent slopes	II	I	I
Tusquitee loam, 15 to 25 percent slopes	IV	I	II
Tusquitee stony loam, 25 to 45 percent slopes	IV	I	IV
Tusquitee stony loam, ALL OTHER	IV	I	III
Udifluvents, frequently flooded, ALL	IV	II	IV
Udorthents, loamy, ALL	IV	V	IV
Udorthents-Pits complex, mounded, 0 to 2 percent slopes, occasionally flooded	IV	V	IV
Udorthents-Urban land complex, ALL	IV	V	IV
Unaka-Porters complex, very rocky, ALL	IV	V	IV
Unaka-Rock outcrop complex, 50 to 95 percent slopes, very bouldery	IV	VI	IV
Unicoi-Rock outcrop complex, 30 to 95 percent slopes, extremely bouldery	IV	V	IV
Unison fine sandy loam, 2 to 8 percent slopes	I	I	I
Unison fine sandy loam, 8 to 15 percent slopes	II	I	I
Unison fine sandy loam, 15 to 25 percent slopes	IV	I	II
Unison loam, 2 to 8 percent slopes	I	I	I
Unison loam, 8 to 15 percent slopes	II	I	I
Unison loam, 15 to 30 percent slopes	IV	I	II
Urban land	IV	VI	II

Map Unit Name	Agri	For	Hort
Watauga loam, 6 to 10 percent slopes	III	I	II
Watauga loam, 6 to 15 percent slopes	III	I	II
Watauga loam, 8 to 15 percent slopes	III	I	II
Watauga loam, ALL OTHER	IV	I	III
Watauga sandy loam, 8 to 15 percent slopes, stony	III	I	II
Watauga sandy loam, 15 to 30 percent slopes, stony	IV	I	II
Watauga sandy loam, 30 to 50 percent slopes, stony	IV	I	III
Watauga stony loam, 15 to 45 percent slopes	IV	I	IV
Wayah loam, windswept, eroded, stony, ALL	IV	VI	IV
Wayah sandy loam, stony, ALL	IV	V	IV
Wayah sandy loam, windswept, stony, ALL	IV	VI	IV
Wayah-Burton complex, 15 to 30 percent slopes, bouldery	IV	V	IV
Wayah-Burton complex, 30 to 50 percent slopes, bouldery	IV	V	IV
Wayah-Burton complex, 50 to 95 percent slopes, very rocky	IV	V	IV
Wayah-Burton complex, windswept, ALL	IV	V	IV
Whiteoak cobbly loam, 8 to 15 percent slopes, stony	II	I	II
Whiteoak cobbly loam, 15 to 30 percent slopes, stony	IV	I	III
Whiteoak fine sandy loam, 2 to 8 percent slopes	I	I	I
Whiteoak fine sandy loam, 8 to 15 percent slopes, stony	II	I	II
Whiteoak fine sandy loam, 15 to 30 percent slopes, very stony	IV	I	III
Whiteside-Tuckasegee complex, 2 to 8 percent slopes	I	I	I

Map Unit Name	Agri	For	Hort
Alluvial land, wet	III	III	III
Alpin, ALL	IV	II	IV
Altavista. ALL	I	I	I
Altavista-Urban land complex, 0 to 3 percent slopes, rarely flooded	IV	I	IV
Augusta, ALL	I	I	I
Autryville loamy sand, ALL	III	II	III
Autryville, ALL OTHER	IV	II	IV
Autryville-Urban land complex, 0 to 6 percent slopes	IV	II	IV
Aycock very fine sandy loam, 2 to 6 percent slopes, eroded	II	II	II
Aycock, ALL OTHER	I	II	I
Ballahack fine sandy loam	I	I	I
Barclay very fine sandy loam	I	I	I
Bethera loam, 0 to 1 percent slopes	II	I	II
Bibb and Johnston soils, frequently flooded	IV	III	IV
Bibb, ALL	IV	III	IV
Blaney, ALL	IV	II	IV
Blanton, ALL	IV	V	IV
Bojac loamy fine sand, 0 to 3 percent slopes	III	II	III
Bonneau loamy fine sand, 0 to 4 percent slopes	II	II	II
Bonneau loamy sand, 0 to 4 percent slopes	II	II	II
Bonneau loamy sand, 0 to 6 percent slopes	II	II	II
Bonneau loamy sand, 6 to 12 percent slopes	III	II	III
Bonneau sand, 0 to 3 percent slopes	II	II	II
Butters fine sand, 0 to 2 percent slopes	II	II	II
Butters loamy sand, 0 to 2 percent slopes	II	II	II
Byars loam	II	I	II
Candor sand, 1 to 8 percent slopes	IV	V	IV
Candor sand, 8 to 15 percent slopes	IV	V	IV
Cape Fear loam	I	I	I
Caroline sandy loam, 0 to 2 percent slopes	II	II	II
Caroline sandy loam, 2 to 6 percent slopes	II	II	II
Centenary sand	IV	II	IV
Chastain and Bibb soils, 0 to 1 percent slopes, frequently flooded	IV	III	IV
Chastain silt loam, frequently flooded	IV	III	IV
Chewacla and Chastain soils, frequently flooded	IV	III	IV
Chewacla and Congaree loams, frequently flooded	III	III	III
Chewacla and Wehadkee soils, 0 to 1 percent slopes, frequently flooded	IV	III	IV
Chewacla loam	II	III	II
Chewacla loam, 0 to 1 percent slopes, occasionally flooded	II	III	II
Chewacla loam, frequently flooded	IV	III	IV
Chewacla silt loam	II	III	II
Chipley loamy sand (Pactolus)	IV	II	IV
Chipley sand, 0 to 2 percent slopes	IV	II	IV
Conetoe loamy sand, ALL	III	II	III
Congaree silt loam	I	III	I
Congaree silt loam, frequently flooded	I	III	I
Cowarts loamy sand, 2 to 6 percent slopes	II	I	II
Cowarts loamy sand, 6 to 10 percent slopes	III	I	III
Cowarts sandy loam, 6 to 12 percent slopes, eroded	IV	I	IV
Coxville loam	II	I	II
Coxville sandy loam	II	I	II
Craven fine sandy loam, 0 to 1 percent slopes	II	I	II

Map Unit Name	Agri	For	Hort
Craven fine sandy loam, 1 to 4 percent slopes	II	I	II
Craven fine sandy loam, 4 to 10 percent slopes	III	I	III
Craven loam, 1 to 4 percent slopes	II	I	II
Craven sandy clay loam, 1 to 4 percent slopes, eroded	II	I	II
Craven sandy loam, 2 to 6 percent slopes, eroded	II	I	II
Craven sandy loam, 2 to 6 percent slopes, eroded (Gritney)	II	I	II
Craven sandy loam, 6 to 10 percent slopes, eroded (Gritney)	III	I	III
Craven-Urban land complex, 0 to 4 percent slopes	IV	I	IV
Croatan muck	I	V	I
Deloss loam	I	III	I
Dogue, ALL	II	I	II
Dothan loamy sand, 2 to 6 percent slopes	II	I	II
Dothan, ALL OTHER	I	I	I
Dragston loamy sand	I	III	I
Dunbar, ALL	II	I	II
Duplin, ALL	II	I	II
Duplin-Urban land complex, 0 to 5 percent slopes	IV	I	IV
Dystrochrepts, steep	IV	II	IV
Emporia, ALL	II	II	II
Emporia-Urban land complex, 0 to 6 percent slopes	IV	II	IV
Emporia-Wedowee complex, 2 to 6 percent slopes	II	II	II
Eustis, ALL	IV	II	IV
Exum, ALL	I	II	I
Faceville fine sandy loam, ALL	II	II	II
Faceville loamy sand, 6 to 10 percent slopes, eroded	IV	II	IV
Faceville loamy sand, ALL OTHER	II	II	II
Faceville sandy loam, 0 to 2 percent slopes	II	II	II
Faceville sandy loam, 2 to 6 percent slopes	II	II	II
Faceville sandy loam, 2 to 6 percent slopes, eroded	III	II	III
Faceville sandy loam, 6 to 10 percent slopes, eroded	IV	II	IV
Faceville-Urban land complex, 0 to 6 percent slopes	IV	II	IV
Foreston loamy sand, ALL	II	II	II
Fuquay, ALL	IV	II	IV
Gilead loamy sand, 0 to 2 percent slopes	III	II	III
Gilead loamy sand, 10 to 15 percent slopes	IV	II	IV
Gilead loamy sand, 2 to 6 percent slopes	IV	II	IV
Gilead loamy sand, 2 to 6 percent slopes, eroded	III	II	III
Gilead loamy sand, 6 to 10 percent slopes	IV	II	IV
Gilead loamy sand, 6 to 10 percent slopes, eroded	IV	II	IV
Gilead sandy loam, 2 to 8 percent slopes	III	II	III
Gilead sandy loam, 8 to 15 percent slopes	IV	II	IV
Goldsboro, ALL	I	I	I
Goldsboro-Urban land complex, ALL	IV	I	IV
Grantham, ALL	I	I	I
Grantham-Urban land complex	IV	I	IV
Grifton-Meggett complex, occasionally flooded	IV	I	IV
Gritney fine sandy loam, 2 to 6 percent slopes	II	II	II
Gritney fine sandy loam, 2 to 7 percent slopes	II	II	II
Gritney fine sandy loam, 4 to 8 percent slopes	III	II	III
Gritney fine sandy loam, 5 to 12 percent slopes, eroded	IV	II	IV
Gritney fine sandy loam, 6 to 10 percent slopes	III	II	III
Gritney fine sandy loam, 7 to 15 percent slopes	IV	II	IV

Map Unit Name	Agri	For	Hort
Gritney fine sandy loam, 10 to 15 percent slopes	IV	II	IV
Gritney loamy fine sand, 2 to 7 percent slopes	II	II	II
Gritney sandy clay loam, ALL	III	II	III
Gritney sandy loam, 2 to 5 percent slopes, eroded	III	II	III
Gritney sandy loam, 2 to 6 percent slopes	II	II	II
Gritney sandy loam, 5 to 12 percent slopes, eroded	IV	II	IV
Gritney sandy loam, 6 to 10 percent slopes	III	II	III
Gritney-Urban land complex, 2 to 12 percent slopes	IV	II	IV
Hoffman loamy sand, 6 to 10 percent slopes, eroded (Gilead)	IV	II	IV
Hoffman loamy sand, 10 to 20 percent slopes (Gilead)	III	II	III
Johns, ALL	II	I	II
Johnston, ALL	IV	III	IV
Kalmia loamy sand, 0 to 2 percent slopes	II	II	II
Kalmia loamy sand, 0 to 3 percent slopes	II	II	II
Kalmia loamy sand, 2 to 6 percent slopes	II	II	II
Kalmia loamy sand, 10 to 15 percent slopes	III	II	III
Kalmia loamy sand, 15 to 25 percent slopes	IV	II	IV
Kenansville, ALL	III	II	III
Kinston, ALL	IV	III	IV
Kureb sand, 1 to 8 percent slopes	IV	V	IV
Lakeland, ALL	IV	V	IV
Leaf loam	III	I	III
Lenoir loam	III	I	III
Leon sand, ALL	IV	V	IV
Liddell very fine sandy loam	I	I	I
Lillington-Turbeville complex, 8 to 15 percent slopes	III	II	III
Lucy loamy sand	II	II	II
Lumbee, ALL	II	I	II
Lynchburg, ALL	I	I	I
Lynchburg-Urban land complex	IV	I	IV
Lynn Haven and Torhunta soils	II	II	II
Mantachie soils, local alluvium	II	III	II
Marlboro, ALL	II	II	II
Marlboro-Cecil complex, 2 to 8 percent slopes	II	II	II
Marvyn and Gritney soils. 6 to 15 percent slopes	IV	I	IV
Marvyn loamy sand, 6 to 12 percent slopes	IV	I	IV
Maxton loamy sand, 0 to 2 percent slopes	II	II	II
McColl loam	III	II	III
McQueen loam, 1 to 6 percent slopes	II	II	II
Meggett, ALL	IV	I	IV
Muckalee, ALL	IV	III	IV
Myatt very fine sandy loam	II	I	II
Nahunta, ALL	I	I	I
Nankin ,ALL	II	II	II
Nixonton very fine sandy loam	I	I	I
Norfolk and Faceville soils, 6 to 10 percent slopes	II	II	II
Norfolk loamy fine sand, ALL	I	II	I
Norfolk loamy sand, 0 to 2 percent slopes	I	II	I
Norfolk loamy sand, 2 to 6 percent slopes	I	II	I
Norfolk loamy sand, 2 to 6 percent slopes, eroded	II	II	II
Norfolk loamy sand, 6 to 10 percent slopes	II	II	II
Norfolk loamy sand, 6 to 10 percent slopes, eroded	III	II	III

Map Unit Name	Agri	For	Hort
Norfolk sandy loam, 0 to 2 percent slopes	I	II	I
Norfolk sandy loam, 2 to 6 percent slopes	I	II	I
Norfolk sandy loam, 2 to 6 percent slopes, eroded	II	II	II
Norfolk sandy loam, 6 to 10 percent slopes	II	II	II
Norfolk, Georgeville, and Faceville soils, 2 to 8 percent slopes	II	II	II
Norfolk-Urban land complex, 0 to 3 percent slopes	IV	II	IV
Norfolk-Wedowee complex, 2 to 6 percent slopes	II	II	II
Ocilla, ALL	III	II	III
Okenee loam (Paxville)	II	III	II
Orangeburg loamy sand, eroded, ALL	II	II	II
Orangeburg loamy sand, ALL OTHER	I	II	I
Pactolus, ALL	IV	II	IV
Pamlico muck	III	V	III
Pantego, ALL	I	I	I
Paxville fine sandy loam	II	III	II
Paxville loam	II	III	II
Peawick, ALL	II	II	II
Pits-Tarboro complex	IV	VI	IV
Plummer and Osier soils	IV	I	IV
Plummer, ALL	IV	V	IV
Pocalla loamy sand, 0 to 3 percent slopes	III	II	III
Polawana loamy sand, frequently flooded	IV	III	IV
Ponzer muck, siliceous subsoil variant	I	V	I
Portsmouth, ALL	I	I	I
Rains, ALL	I	I	I
Rains-Toisnot complex, 0 to 2 percent slopes	IV	I	IV
Rains-Urban land complex, ALL	IV	I	IV
Rimini sand	IV	V	IV
Riverview loam, 0 to 1 percent slopes, occasionally flooded	I	III	I
Roanoke and Wahee loams	II	III	II
Roanoke, ALL	II	III	II
Roanoke-Urban land complex	IV	III	IV
Ruston loamy sand, ALL	III	II	III
Ruston sandy loam, 2 to 6 percent slopes, eroded	IV	II	IV
Rutlege loamy sand	IV	V	IV
Seabrook loamy sand, rarely flooded	IV	II	IV
Smoothed sandy land	IV	VI	IV
St. Lucie sand (Kureb)	IV	V	IV
Stallings, ALL	II	II	II
State, ALL	I	I	I
Swamp	IV	III	IV
Tarboro, ALL	IV	II	IV
Toisnot, ALL	IV	II	IV
Tomahawk sand	III	II	III
Tomotley, ALL	I	I	I
Torhunta and Lynn Haven soils	II	I	II
Torhunta, ALL	I	I	I
Trebloc loam	I	I	I
Troup sand	IV	II	IV
Turbeville fine sandy loam, 2 to 6 percent slopes	I	II	I
Turbeville gravelly sandy loam, 2 to 8 percent slopes	II	II	II
Turbeville loamy sand, 0 to 2 percent slopes	I	II	I

Map Unit Name	Agri	For	Hort
Turbeville loamy sand, 2 to 6 percent slopes	I	II	I
Turbeville sandy clay loam, 2 to 6 percent slopes, eroded	II	II	II
Turbeville sandy loam, 0 to 2 percent slopes	I	II	I
Turbeville sandy loam, 2 to 6 percent slopes	I	II	I
Turbeville sandy loam, 2 to 8 percent slopes	I	II	I
Turbeville sandy loam, 6 to 12 percent slopes	II	II	II
Turbeville-Urban land complex, 0 to 8 percent slopes	IV	II	IV
Uchee, ALL	III	V	III
Udorthents, loamy	IV	VI	IV
Urban land	IV	VI	IV
Varina, ALL	II	II	II
Vaucluse loamy sand, 10 to 15 percent slopes	IV	II	IV
Vaucluse loamy sand, 10 to 15 percent slopes, eroded	IV	II	IV
Vaucluse loamy sand, 2 to 6 percent slopes	III	II	III
Vaucluse loamy sand, 2 to 6 percent slopes, eroded	III	II	III
Vaucluse loamy sand, 6 to 10 percent slopes	III	II	III
Vaucluse loamy sand, 6 to 10 percent slopes, eroded	III	II	III
Wagram fine sand, 0 to 6 percent slopes	II	II	II
Wagram loamy sand, 0 to 2 percent slopes	II	II	II
Wagram loamy sand, 0 to 6 percent slopes	II	II	II
Wagram loamy sand, 2 to 6 percent slopes	II	II	II
Wagram loamy sand, 6 to 10 percent slopes	III	II	III
Wagram loamy sand, 10 to 15 percent slopes	III	II	III
Wagram sand, thick surface, 0 to 6 percent slopes	II	II	II
Wagram sand, thick surface, 6 to 10 percent slopes	III	II	III
Wagram sand, thick surface, 10 to 15 percent slopes	III	II	III
Wagram-Troup sands, 0 to 4 percent slopes	IV	II	IV
Wagram-Urban land complex, ALL	IV	II	IV
Wahee, ALL	I	I	I
Wakulla, ALL	IV	V	IV
Wehadkee and Chewacla loams	IV	III	IV
Wehadkee, ALL	IV	III	IV
Wehadkee-Chastain association, frequently flooded	IV	III	IV
Weston loamy sand	III	I	III
Wickham fine sandy loam, 6 to 15 percent slopes, rarely flooded	II	I	II
Wickham fine sandy loam, ALL OTHER	I	I	I
Wickham loamy sandy, ALL	I	I	I
Wickham sandy loam, 0 to 4 percent slopes	I	I	I
Wickham sandy loam, 2 to 6 percent slopes, eroded	II	I	II
Wickham-Urban land complex, 1 to 6 percent slopes	IV	I	IV
Wilbanks loam, frequently flooded	IV	III	IV
Wilbanks silt loam	IV	III	IV
Winton fine sandy loam, ALL	IV	I	IV
Woodington loamy sand	II	II	II

Map Unit Name	Agri	For	Hort
Ailey-Appling complex, 2 to 8 percent slopes	II	II	II
Ailey-Appling complex, 8 to 15 percent slopes, bouldery	IV	II	III
Alamance silt loam, gently sloping phase	II	II	II
Alamance variant gravelly loam, ALL	IV	II	II
Altavista fine sandy loam, 2 to 6 percent slopes, eroded	II	I	I
Altavista fine sandy loam, 7 to 10 percent slopes	II	I	I
Altavista fine sandy loam, 0 to 2 percent slopes occasionally flooded	I	I	II
Altavista fine sandy loam, ALL OTHER	I	I	I
Altavista fine sandy loam, clayey variant	I	I	I
Altavista loam, 0 to 3 percent slopes, rarely flooded	I	I	I
Altavista sandy loam, ALL	I	I	I
Altavista silt loam, ALL	I	I	I
Appling coarse sandy loam, eroded gently sloping phase	II	II	II
Appling coarse sandy loam, eroded sloping phase	II	II	II
Appling coarse sandy loam, ALL OTHER	II	II	I
Appling fine sandy loam, 2 to 6 percent slopes	II	II	I
Appling fine sandy loam, 2 to 6 percent slopes, eroded	II	II	II
Appling fine sandy loam, 2 to 7 percent slopes	II	II	I
Appling fine sandy loam, 2 to 7 percent slopes, eroded	II	II	II
Appling fine sandy loam, 6 to 10 percent slopes	II	II	I
Appling fine sandy loam, 6 to 10 percent slopes, eroded	II	II	II
Appling fine sandy loam, 7 to 10 percent slopes(Wedowee)	II	II	I
Appling fine sandy loam, 7 to 10 percent slopes, eroded (Wedowee)	II	II	II
Appling fine sandy loam, 10 to 14 percent slopes (Wedowee)	III	II	II
Appling fine sandy loam, 10 to 14 percent slopes, eroded (Wedowee)	III	II	II
Appling fine sandy loam, (Wedowee), ALL OTHER	IV	II	II
Appling gravelly sandy loam, 2 to 6 percent slopes	II	II	I
Appling gravelly sandy loam, 2 to 6 percent slopes, eroded	II	II	II
Appling gravelly sandy loam, 6 to 10 percent slopes	II	II	I
Appling gravelly sandy loam, 6 to 10 percent slopes, eroded	II	II	II
Appling loamy sand, 2 to 6 percent slopes	II	II	I
Appling sandy clay loam, 6 to 10 percent slopes, severely eroded	III	II	II
Appling sandy clay loam, 10 to 15 percent slopes, severely eroded	IV	II	II
Appling sandy clay loam, severely eroded sloping phase	III	II	III
Appling sandy loam, 1 to 6 percent slopes	II	II	I
Appling sandy loam, 2 to 6 percent slopes	II	II	I
Appling sandy loam, 2 to 6 percent slopes, eroded	II	II	II
Appling sandy loam, 2 to 8 percent slopes	II	II	I
Appling sandy loam, 6 to 10 percent slopes	II	II	I
Appling sandy loam, 6 to 10 percent slopes, eroded	II	II	II
Appling sandy loam, 6 to 12 percent slopes	II	II	II
Appling sandy loam, 8 to 15 percent slopes	II	II	II
Appling sandy loam, 10 to 15 percent slopes	III	II	II
Appling sandy loam, 10 to 15 percent slopes, eroded	III	II	II
Appling sandy loam, 10 to 25 percent slopes, eroded (Wedowee)	IV	II	II
Appling sandy loam, 15 to 25 percent slopes (Wedowee)	IV	II	II
Appling sandy loam, 15 to 25 percent slopes, eroded (Wedowee)	IV	II	II
Appling sandy loam, eroded gently sloping phase	II	II	II
Appling sandy loam, eroded sloping phase	II	II	II
Appling sandy loam, eroded strongly sloping phase	III	II	II
Appling sandy loam, gently sloping phase	II	II	I
Appling sandy loam, moderately steep phase (Wedowee)	III	II	II

Map Unit Name	Agri	For	Hort
Appling sandy loam, sloping phase	II	II	II
Appling sandy loam, strongly sloping phase	II	II	II
Appling-Marlboro complex, 1 to 6 percent slopes	II	II	II
Appling-Urban land complex, ALL	IV	II	IV
Armenia, ALL	IV	III	III
Ashlar-Rock outcrop complex, ALL	IV	V	IV
Augusta, ALL	III	I	II
Ayersville gravelly loam, ALL	IV	V	II
Badin channery loam, 8 to 15 percent slopes	III	II	II
Badin channery silt loam, 2 to 8 percent slopes	III	II	II
Badin channery silt loam, 8 to 15 percent slopes	III	II	II
Badin channery silt loam, ALL OTHER	IV	II	II
Badin channery silty clay loam, eroded, ALL	III	II	II
Badin silty clay loam, 2 to 8 percent slopes, moderately eroded	III	II	II
Badin silty clay loam, 8 to 15 percent slopes, moderately eroded	IV	II	II
Badin-Goldston complex, 2 to 8 percent slopes	III	II	II
Badin-Goldston complex, 8 to 15 percent slopes	IV	II	III
Badin-Goldston complex, 15 to 25 percent slopes	IV	II	IV
Badin-Nanford complex, 15 to 30 percent slopes	IV	II	IV
Badin-Tarrus complex, 2 to 8 percent slopes	II	II	I
Badin-Tarrus complex, 2 to 8 percent slopes, moderately eroded	III	II	I
Badin-Tarrus complex, 8 to 15 percent slopes	III	II	II
Badin-Tarrus complex, 8 to 15 percent slopes, moderately eroded	IV	II	II
Badin-Tarrus complex, 15 to 25 percent slopes	IV	II	II
Badin-Tarrus complex, 25 to 45 percent slopes	IV	II	IV
Badin-Urban land complex, ALL	IV	II	IV
Banister loam, 1 to 6 percent slopes, rarely flooded	II	I	I
Bethlehem gravelly sandy loam, 2 to 8 percent slopes	III	II	II
Bethlehem gravelly sandy loam, 8 to 15 percent slopes	IV	II	II
Bethlehem-Hibriten complex, 6 to 15 percent slopes	IV	II	III
Bethlehem-Urban land complex, 2 to 15 percent slopes	IV	II	IV
Buncombe, ALL	IV	III	IV
Callison-Lignum complex, 2 to 6 percent slopes	III	II	II
Callison-Misenheimer complex, 6 to 10 percent slopes	III	II	II
Carbonton-Brickhaven complex, ALL	IV	II	IV
Cartecay and Chewacla soils	II	III	III
Cecil clay loam, 2 to 6 percent slopes, eroded	III	II	II
Cecil clay loam, 2 to 6 percent slopes, severely eroded	III	II	II
Cecil clay loam, 2 to 7 percent slopes, severely eroded	III	II	II
Cecil clay loam, 2 to 8 percent slopes, eroded	III	II	II
Cecil clay loam, 6 to 10 percent slopes, eroded	III	II	II
Cecil clay loam, 6 to 10 percent slopes, severely eroded	IV	II	II
Cecil clay loam, ALL OTHER	IV	II	II
Cecil fine sandy loam, 2 to 6 percent slopes	II	II	I
Cecil fine sandy loam, 2 to 6 percent slopes, eroded	II	II	II
Cecil fine sandy loam, 2 to 7 percent slopes	II	II	I
Cecil fine sandy loam, 2 to 7 percent slopes, eroded	II	II	II
Cecil fine sandy loam, 2 to 8 percent slopes	II	II	I
Cecil fine sandy loam, 6 to 10 percent slopes	III	II	II
Cecil fine sandy loam, 6 to 10 percent slopes, eroded	III	II	II
Cecil fine sandy loam, 7 to 10 percent slopes (Pacolet)	III	II	II
Cecil fine sandy loam, 7 to 10 percent slopes, eroded (Pacolet)	III	II	II

Map Unit Name	Agri	For	Hort
Cecil fine sandy loam, 8 to 15 percent slopes	III	II	II
Cecil fine sandy loam, 10 to 14 percent slopes (Pacolet)	III	II	II
Cecil fine sandy loam, 10 to 14 percent slopes, eroded (Pacolet)	III	II	II
Cecil fine sandy loam, 10 to 15 percent slopes	III	II	II
Cecil fine sandy loam, 10 to 15 percent slopes (Pacolet)	III	II	II
Cecil fine sandy loam, 10 to 15 percent slopes, eroded (Pacolet)	III	II	II
Cecil fine sandy loam, 14 to 25 percent slopes (Pacolet)	IV	II	II
Cecil fine sandy loam, 14 to 25 percent slopes, eroded (Pacolet)	IV	II	II
Cecil fine sandy loam, 25 to 40 percent slopes (Pacolet)	IV	II	III
Cecil fine sandy loam, 25 to 40 percent slopes, eroded (Pacolet)	IV	II	III
Cecil fine sandy loam, eroded gently sloping phase	II	II	II
Cecil fine sandy loam, eroded sloping phase	II	II	II
Cecil fine sandy loam, eroded strongly sloping phase	III	II	II
Cecil fine sandy loam, gently sloping phase	II	II	I
Cecil fine sandy loam, moderately steep phase	III	II	II
Cecil fine sandy loam, sloping phase	III	II	II
Cecil fine sandy loam, strongly sloping phase	III	II	II
Cecil gravelly fine sandy loam, 2 to 6 percent slopes	II	II	I
Cecil gravelly fine sandy loam, 2 to 6 percent slopes, eroded	II	II	II
Cecil gravelly fine sandy loam, 2 to 7 percent slopes	II	II	I
Cecil gravelly fine sandy loam, 2 to 7 percent slopes, eroded	III	II	II
Cecil gravelly fine sandy loam, 6 to 10 percent slopes	III	II	II
Cecil gravelly fine sandy loam, 6 to 10 percent slopes, eroded	III	II	II
Cecil gravelly fine sandy loam, 7 to 10 percent slopes	III	II	II
Cecil gravelly fine sandy loam, 7 to 10 percent slopes, eroded (Pacolet)	III	II	II
Cecil gravelly fine sandy loam, 10 to 14 percent slopes (Pacolet)	III	II	II
Cecil gravelly fine sandy loam, 10 to 14 percent slopes, eroded (Pacolet)	III	II	II
Cecil gravelly fine sandy loam, 10 to 15 percent slopes	III	II	II
Cecil gravelly fine sandy loam, 10 to 15 percent, eroded (Pacolet)	III	II	II
Cecil gravelly fine sandy loam, ALL OTHER	IV	II	II
Cecil gravelly sandy clay loam, 2 to 8 percent slopes, eroded	III	II	II
Cecil gravelly sandy clay loam, 8 to 15 percent slopes, eroded	IV	II	II
Cecil gravelly sandy loam, 2 to 6 percent slopes	II	II	I
Cecil gravelly sandy loam, 2 to 6 percent slopes, eroded	II	II	I
Cecil gravelly sandy loam, 6 to 10 percent slopes	III	II	II
Cecil gravelly sandy loam, 6 to 10 percent slopes, eroded	III	II	II
Cecil gravelly sandy loam, 10 to 15 percent slopes	IV	II	IV
Cecil loam, 2 to 6 percent slopes	II	II	I
Cecil loam, ALL OTHER	III	II	II
Cecil sandy clay loam, 8 to 15 percent slopes, eroded	IV	II	II
Cecil sandy clay loam, 8 to 15 percent slopes, moderately eroded	IV	II	II
Cecil sandy clay loam, ALL OTHER	III	II	II
Cecil sandy loam, 2 to 6 percent slopes	II	II	I
Cecil sandy loam, 2 to 6 percent slopes, eroded	III	II	II
Cecil sandy loam, 2 to 8 percent slopes	II	II	I
Cecil sandy loam, 2 to 8 percent slopes, eroded	III	II	II
Cecil sandy loam, 6 to 10 percent slopes	III	II	I
Cecil sandy loam, 6 to 10 percent slopes, eroded	III	II	II
Cecil sandy loam, 8 to 15 percent slopes	III	II	II
Cecil sandy loam, 8 to 15 percent slopes, eroded	IV	II	II
Cecil sandy loam, 10 to 15 percent slopes	III	II	II
Cecil sandy loam, 10 to 15 percent slopes, eroded	III	II	II

Map Unit Name	Agri	For	Hort
Cecil sandy loam, 10 to 15 percent slopes, eroded (Pacolet)	III	II	II
Cecil sandy loam, 15 to 45 percent slopes (Pacolet)	IV	II	II
Cecil sandy loam, eroded gently sloping phase	III	II	II
Cecil sandy loam, eroded sloping phase	III	II	II
Cecil sandy loam, gently sloping phase	II	II	I
Cecil sandy loam, sloping phase	III	II	I
Cecil soils, (Pacolet), ALL	IV	II	II
Cecil stony fine sandy loam, (Uwharrie), ALL	IV	II	II
Cecil-Urban land complex, ALL	IV	II	IV
Chastain silty clay loam	IV	III	III
Chenneby silt loam, 0 to 2 percent slopes, frequently flooded	III	III	III
Chewacla and Chastain soils, 0 to 2 percent slopes, frequently flooded	IV	III	III
Chewacla and Wehadkee, ALL	IV	III	III
Chewacla silt loam, frequently flooded	III	III	III
Chewacla, ALL OTHER	II	III	III
Cid, ALL	III	II	II
Cid-Lignum complex, 1 to 6 percent slopes	II	II	II
Cid-Misenheimer complex, 0 to 4 percent slopes	III	II	II
Cid-Urban land complex, 1 to 5 percent slopes	IV	II	IV
Meadowfield-Fairview complex, 15 to 25 percent slopes	IV	IV	IV
Meadowfield-Rhodhiss complex, 25 to 60 percent slopes, very stony	IV	IV	IV
Meadowfield-Woolwine complex, 8 to 15 percent slopes	IV	IV	IV
Claycreek fine sandy loam, 0 to 2 percent slopes	III	I	II
Colfax sandy loam, ALL	III	II	II
Colvard sandy loam, 0 to 3 percent slopes, occasionally flooded	I	III	III
Colfax silt loam	III	II	II
Congaree, frequently flooded	II	III	III
Congaree, ALL OTHER	I	III	III
Coronaca clay loam, ALL	II	II	I
Coronaca-Urban land complex, 2 to 10 percent slopes	IV	II	IV
Creedmoor coarse sandy loam, ALL	III	I	II
Creedmoor fine sandy loam, 8 to 15 percent slopes	IV	I	II
Creedmoor fine sandy loam, ALL OTHER	III	I	II
Creedmoor loam, 2 to 8 percent slopes	III	I	II
Creedmoor sandy loam, 10 to 15 percent slopes	IV	I	II
Creedmoor sandy loam, 10 to 20 percent slopes	IV	I	II
Creedmoor sandy loam, ALL OTHER	III	I	II
Creedmoor silt loam, ALL	III	I	II
Cullen clay loam, ALL	II	II	II
Cullen-Wynott complex, 15 to 35 percent slopes	IV	II	III
Cut and fill land	IV	VI	IV
Davidson clay, severely eroded strongly sloping phase	III	I	II
Davidson sandy clay loam, 15 to 25 percent slopes	III	I	I
Davidson, ALL OTHER	II	I	I
Dillard fine sandy loam, 2 to 8 percent slopes, rarely flooded	I	III	I
Dogue, ALL	II	I	I
Dogue-Roanoke complex, 0 to 6 percent slopes, rarely flooded	II	I	III
Durham coarse sandy loam, gently sloping phase	II	I	I
Durham coarse sandy loam, sloping phase	III	I	I
Durham loamy sand, 6 to 10 percent slopes, eroded	III	I	I
Durham loamy sand, ALL OTHER	II	I	I
Durham sandy loam, eroded sloping phase	II	I	I

Map Unit Name	Agri	For	Hort
Durham sandy loam, ALL OTHER	III	I	I
Efland silt loam, eroded gently sloping phase (Badin)	II	II	II
Efland silt loam, eroded sloping phase (Badin)	III	II	II
Efland silt loam, gently sloping phase (Badin)	II	II	II
Efland silt loam, sloping phase (Badin)	II	II	II
Efland silt loam, strongly sloping phase (Badin)	III	II	II
Efland silty clay loam severely eroded strongly sloping phase (Badin)	III	II	II
Efland silty clay loam, severely eroded sloping phase (Badin)	III	II	II
Enon clay loam, 2 to 6 percent slopes, eroded	III	II	II
Enon clay loam, 6 to 10 percent slopes, eroded	III	II	II
Enon clay loam, 10 to 15 percent slopes, eroded	IV	II	II
Enon clay loam, severely eroded sloping phase	III	II	II
Enon clay loam, severely eroded strongly sloping phase	IV	II	II
Enon cobbly loam, 2 to 8 percent slopes	II	II	II
Enon cobbly loam, 8 to 15 percent slopes	III	II	II
Enon complex, gullied	IV	II	IV
Enon fine sandy loam, 2 to 15 percent slopes, very stony	IV	II	II
Enon fine sandy loam, 2 to 6 percent slopes	II	II	II
Enon fine sandy loam, 2 to 6 percent slopes, eroded	III	II	II
Enon fine sandy loam, 2 to 8 percent slopes	II	II	II
Enon fine sandy loam, 6 to 10 percent slopes	III	II	II
Enon fine sandy loam, 6 to 10 percent slopes, eroded	III	II	II
Enon fine sandy loam, 8 to 15 percent slopes	III	II	II
Enon fine sandy loam, 10 to 15 percent slopes	III	II	II
Enon fine sandy loam, 10 to 15 percent slopes, eroded	III	II	II
Enon fine sandy loam, eroded gently sloping phase	II	II	II
Enon fine sandy loam, eroded sloping phase	III	II	II
Enon fine sandy loam, gently sloping phase	II	II	II
Enon fine sandy loam, sloping phase	III	II	II
Enon gravelly loam, 2 to 8 percent slopes	II	II	II
Enon gravelly loam, 8 to 15 percent slopes	III	II	II
Enon loam, 2 to 6 percent slopes	II	II	II
Enon loam, 6 to 10 percent slopes	II	II	II
Enon loam, 6 to 12 percent slopes	III	II	II
Enon loam, eroded gently sloping phase	II	II	II
Enon loam, eroded sloping phase	III	II	II
Enon loam, eroded strongly sloping phase	III	II	II
Enon loam, gently sloping phase	II	II	II
Enon loam, sloping phase	III	II	II
Enon loam, strongly sloping phase	III	II	II
Enon sandy loam, 2 to 8 percent slopes	II	II	II
Enon sandy loam, 8 to 15 percent slopes	III	II	II
Enon very cobbly loam, very stony, ALL	IV	II	IV
Enon very stony loam, ALL	IV	II	IV
Enon-Mayodan complex, 15 to 35 percent slopes, very stony	IV	II	III
Enon-Urban land complex, ALL	IV	II	IV
Enon-Wynott complex, 2 to 8 percent slopes	II	II	II
Enon-Wynott complex, 4 to 15 percent slopes, very bouldery	IV	II	IV
Fairview sandy clay loam, 2 to 8 percent slopes, moderately eroded	II	II	II
Fairview sandy clay loam, 8 to 15 percent slopes, moderately eroded	III	II	II
Fairview sandy clay loam, 15 to 25 percent slopes, moderately eroded	IV	II	II
Fairview-Urban land complex, ALL	IV	II	IV

Map Unit Name	Agri	For	Hort
Fluvaquents-Udifluvents complex, 0 to 3 percent slopes, mounded, occasionally flooded	IV	VI	IV
Gaston clay loam, 2 to 8 percent slopes, eroded	II	II	II
Gaston clay loam, 8 to 15 percent slopes, eroded	III	II	II
Gaston loam, 15 to 25 percent slopes	III	II	II
Gaston sandy clay loam, 2 to 8 percent slopes, eroded	II	II	II
Gaston sandy clay loam, 8 to 15 percent slopes, eroded	III	II	II
Georgeville clay loam, 2 to 6 percent slopes, eroded	II	I	II
Georgeville clay loam, 2 to 8 percent slopes, eroded	II	I	II
Georgeville clay loam, 8 to 15 percent slopes, eroded	III	I	II
Georgeville gravelly loam, 2 to 6 percent slopes	II	I	I
Georgeville gravelly loam, 2 to 8 percent slopes, stony	III	I	II
Georgeville gravelly loam, 6 to 10 percent slopes	II	I	I
Georgeville gravelly loam, 10 to 25 percent slopes	IV	I	II
Georgeville gravelly silt loam, 2 to 8 percent slopes	II	I	I
Georgeville gravelly silt loam, 8 to 15 percent slopes	III	I	II
Georgeville loam, 2 to 6 percent slopes	II	I	I
Georgeville loam, 2 to 8 percent slopes	II	I	I
Georgeville loam, 6 to 10 percent slopes	II	I	I
Georgeville loam, 8 to 15 percent slopes	III	I	I
Georgeville loam, ALL OTHER	IV	I	II
Georgeville silt loam, 2 to 6 percent slopes	II	I	I
Georgeville silt loam, 2 to 6 percent slopes, eroded	III	I	II
Georgeville silt loam, 2 to 8 percent slopes	II	I	I
Georgeville silt loam, 2 to 10 percent slopes, eroded	III	I	II
Georgeville silt loam, 4 to 15 percent slopes, extremely stony	IV	I	IV
Georgeville silt loam, 6 to 10 percent slopes	II	I	I
Georgeville silt loam, 6 to 10 percent slopes, eroded	III	I	II
Georgeville silt loam, 8 to 15 percent slopes	III	I	I
Georgeville silt loam, 10 to 15 percent slopes	III	I	I
Georgeville silt loam, 10 to 15 percent slopes, eroded	III	I	II
Georgeville silt loam, 10 to 25 percent slopes	IV	I	II
Georgeville silt loam, 15 to 45 percent slopes, extremely bouldery	IV	I	IV
Georgeville silt loam, eroded gently sloping phase	II	I	II
Georgeville silt loam, eroded sloping phase	III	I	II
Georgeville silt loam, eroded strongly sloping phase	III	I	II
Georgeville silt loam, gently sloping phase	II	I	I
Georgeville silt loam, moderately steep phase	III	I	II
Georgeville silt loam, sloping phase	II	I	I
Georgeville silt loam, strongly sloping phase	III	I	I
Georgeville silty clay loam, 2 to 6 percent slopes, moderately eroded	II	I	II
Georgeville silty clay loam, 2 to 8 percent slopes	II	I	II
Georgeville silty clay loam, 2 to 8 percent slopes, eroded	II	I	II
Georgeville silty clay loam, 2 to 8 percent slopes, moderately eroded	II	I	II
Georgeville silty clay loam, 6 to 10 percent slopes, moderately eroded	III	I	II
Georgeville silty clay loam, 8 to 15 percent slopes, eroded	IV	I	II
Georgeville silty clay loam, 8 to 15 percent slopes, moderately eroded	IV	I	II
Georgeville silty clay loam, severely eroded gently sloping phase	III	I	II
Georgeville silty clay loam, severely eroded moderately steep phase	IV	I	III
Georgeville silty clay loam, severely eroded sloping phase	III	I	III
Georgeville silty clay loam, severely eroded strongly sloping phase	IV	I	III
Georgeville-Badin complex, ALL	IV	I	II
Georgeville-Montonia complex, very stony ALL	IV	I	III

Map Unit Name	Agri	For	Hort
Georgeville-Urban land complex, ALL	IV	I	IV
Goldston, ALL	IV	II	III
Goldston-Badin complex, ALL	IV	II	III
Granville gravelly sandy loam, 2 to 8 percent slopes	II	II	I
Granville sandy loam, 2 to 6 percent slopes	II	II	I
Granville sandy loam, 2 to 6 percent slopes, eroded	II	II	I
Granville sandy loam, 2 to 8 percent slopes	II	II	I
Granville sandy loam, 6 to 10 percent slopes	III	II	I
Granville sandy loam, 6 to 10 percent slopes, eroded	III	II	I
Granville sandy loam, 10 to 15 percent slopes	IV	II	I
Grover, ALL	IV	II	III
Gullied land, ALL	IV	VI	IV
Halewood stony sandy loam, (Edneyville), ALL	IV	III	II
Hatboro sandy loam, 0 to 2 percent slopes, frequently flooded	IV	III	IV
Hayesville and Cecil clay loams, 7 to 14 percent slopes, severely eroded (Cecil and Cecil)	II	II	II
Hayesville and Cecil clay loams, 7 to 14 percent slopes, severely eroded (Cecil and Cecil)	III	II	II
Hayesville and Cecil clay loams, 14 to 25 percent slopes, severely eroded (Pacolet and Pacolet)	IV	II	II
Hayesville and Cecil fine sandy loam, eroded, ALL	IV	II	II
Helena clay loam, severely eroded sloping phase	IV	II	II
Helena coarse sandy loam, sloping phase	IV	II	II
Helena coarse sandy loam, ALL OTHER	III	II	II
Helena fine sandy loam, 2 to 8 percent slopes	III	II	II
Helena sandy loam, 10 to 15 percent slopes	IV	II	II
Helena sandy loam, ALL OTHER	III	II	II
Helena-Sedgefield sandy loams, ALL	III	II	II
Helena-Urban land complex, ALL	IV	II	IV
Helena-Worsham complex, 1 to 6 percent slopes	IV	II	III
Herndon loam, 2 to 6 percent slopes	II	II	I
Herndon loam, 6 to 10 percent slopes	II	II	I
Herndon silt loam, 2 to 6 percent slopes	II	II	I
Herndon silt loam, 2 to 6 percent slopes, eroded	II	II	II
Herndon silt loam, 2 to 8 percent slopes	II	II	I
Herndon silt loam, 6 to 10 percent slopes	III	II	I
Herndon silt loam, 6 to 10 percent slopes, eroded	III	II	II
Herndon silt loam, 8 to 15 percent slopes	III	II	I
Herndon silt loam, 10 to 15 percent slopes, eroded	III	II	II
Herndon silt loam, 15 to 25 percent slopes	III	II	I
Herndon silt loam, eroded gently sloping phase	II	II	II
Herndon silt loam, eroded sloping phase	III	II	II
Herndon silt loam, eroded strongly sloping phase	III	II	II
Herndon silt loam, gently sloping phase	II	II	I
Herndon silt loam, moderately steep phase	III	II	I
Herndon silt loam, sloping phase	II	II	I
Herndon silt loam, strongly sloping phase	III	II	I
Herndon silty clay loam, ALL	IV	II	II
Herndon stony silt loam, 2 to 10 percent slopes	III	II	II
Hibriten very cobbly sandy loam, ALL	IV	V	III
Hiwassee clay loam, 8 to 15 percent slopes, eroded	III	II	II
Hiwassee clay loam, 8 to 15 percent slopes, moderately eroded	III	II	II
Hiwassee clay loam, 10 to 15 percent slopes, eroded	III	II	II

Map Unit Name	Agri	For	Hort
Hiwassee clay loam, 15 to 30 percent slopes, moderately eroded	IV	II	II
Hiwassee clay loam, ALL OTHER	II	II	II
Hiwassee gravelly loam, 2 to 8 percent slopes	II	II	I
Hiwassee gravelly loam, 8 to 15 percent slopes	II	II	II
Hiwassee loam, 2 to 6 percent slopes	II	II	I
Hiwassee loam, 2 to 6 percent slopes, eroded	II	II	II
Hiwassee loam, 2 to 7 percent slopes, eroded	II	II	II
Hiwassee loam, 2 to 8 percent slopes	II	II	I
Hiwassee loam, 6 to 10 percent slopes	II	II	I
Hiwassee loam, 6 to 10 percent slopes, eroded	II	II	II
Hiwassee loam, 8 to 15 percent slopes	II	II	I
Hiwassee loam, 10 to 15 percent slopes	II	II	I
Hiwassee loam, 10 to 15 percent slopes, eroded	III	II	II
Hiwassee loam, 15 to 25 percent slopes	IV	II	II
Hornsboro, ALL	I	I	I
Hulett, ALL	IV	II	II
Hulett-Saw complex, 4 to 15 percent slopes, very rocky	IV	II	III
Hulett-Urban Land complex, 2 to 8 percent slopes	IV	II	IV
Iotla sandy loam, 0 to 2 percent slopes, occasionally flooded	II	III	III
Iredell clay loam, 2 to 6 percent slopes	III	II	III
Iredell fine sandy loam, 10 to 14 percent slopes (Wilkes)	IV	II	III
Iredell fine sandy loam, 10 to 14 percent slopes, eroded (Wilkes)	IV	II	III
Iredell fine sandy loam, ALL OTHER	III	II	III
Iredell gravelly loam, 1 to 4 percent slopes	III	II	III
Iredell loam, ALL	III	II	III
Iredell sandy loam, ALL	III	II	III
Iredell very stony loam, gently sloping phase (Enon)	IV	II	IV
Iredell-Urban land complex, ALL	IV	II	IV
Iredell-Urban land-Picture complex, 0 to 10 percent slopes	IV	II	IV
Kirksey silt loam, ALL	II	II	II
Kirksey-Cid complex, 2 to 6 percent slopes	III	II	II
Leaksville silt loam, 0 to 4 percent slopes	III	III	III
Leaksville-Urban land complex, 0 to 4 percent slopes	IV	III	IV
Leveled clayey land	IV	VI	IV
Lignum gravelly silt loam, 2 to 8 percent slopes	II	III	II
Lignum loam, 2 to 6 percent slopes	II	III	II
Lignum silt loam, 7 to 12 percent slopes	III	III	II
Lignum silt loam, ALL OTHER	II	III	II
Lloyd clay loam, 2 to 6 percent slopes, severely eroded (Gaston)	II	II	II
Lloyd clay loam, 2 to 10 percent slopes, severely eroded (Pacolet)	II	II	II
Lloyd clay loam, 6 to 10 percent slopes, severely eroded (Gaston)	II	II	II
Lloyd clay loam, 10 to 14 percent slopes, severely eroded (Pacolet)	III	II	III
Lloyd clay loam, 10 to 15 percent slopes, severely eroded (Gaston)	III	II	III
Lloyd clay loam, 14 to 25 percent slopes, severely eroded (Pacolet)	IV	II	IV
Lloyd clay loam, 15 to 25 percent slopes, severely eroded (Gaston)	IV	II	IV
Lloyd clay loam, severely eroded gently sloping phase (Gaston)	II	II	II
Lloyd clay loam, severely eroded sloping phase (Gaston)	II	II	II
Lloyd clay loam, severely eroded strongly sloping phase (Gaston)	III	II	III
Lloyd clay loam, severely eroded, moderately steep phase (Cecil)	IV	II	III
Lloyd fine sandy loam, 2 to 6 percent slopes (Cecil)	II	II	II
Lloyd fine sandy loam, 2 to 6 percent slopes, eroded (Cecil)	II	II	II
Lloyd fine sandy loam, 6 to 10 percent slopes (Cecil)	III	II	II

Map Unit Name	Agri	For	Hort
Lloyd fine sandy loam, 6 to 10 percent slopes, eroded (Cecil)	III	II	II
Lloyd fine sandy loam, 10 to 15 percent slopes (Pacolet)	II	II	II
Lloyd fine sandy loam, 10 to 15 percent slopes, eroded (Pacolet)	III	II	II
Lloyd fine sandy loam, 15 to 25 percent slopes (Pacolet)	IV	II	II
Lloyd fine sandy loam, 15 to 25 percent slopes, eroded (Pacolet)	IV	II	III
Lloyd loam, 2 to 6 percent slopes (Gaston)	II	II	I
Lloyd loam, 2 to 6 percent slopes, eroded (Davidson)	II	II	II
Lloyd loam, 2 to 6 percent slopes, eroded (Gaston)	II	II	I
Lloyd loam, 2 to 7 percent slopes (Pacolet)	II	II	I
Lloyd loam, 2 to 7 percent slopes, eroded (Pacolet)	II	II	II
Lloyd loam, 6 to 10 percent slopes (Cecil)	III	II	II
Lloyd loam, 6 to 10 percent slopes, eroded (Cecil)	III	II	II
Lloyd loam, 6 to 10 percent slopes, eroded (Davidson)	II	II	II
Lloyd loam, 7 to 10 percent slopes (Pacolet)	III	II	II
Lloyd loam, 7 to 10 percent slopes, eroded (Pacolet)	III	II	II
Lloyd loam, 10 to 14 percent slopes (Pacolet)	IV	II	II
Lloyd loam, 10 to 14 percent slopes, eroded (Pacolet)	IV	II	III
Lloyd loam, 10 to 15 percent slopes (Cecil)	IV	II	II
Lloyd loam, 10 to 15 percent slopes, eroded (Davidson)	II	II	III
Lloyd loam, 10 to 15 percent slopes, eroded (Pacolet)	III	II	III
Lloyd loam, 14 to 25 percent slopes (Pacolet)	IV	II	II
Lloyd loam, 14 to 25 percent slopes, eroded (Pacolet)	IV	II	III
Lloyd loam, 15 to 25 percent slopes (Pacolet)	IV	II	II
Lloyd loam, 15 to 25 percent slopes, eroded (Pacolet)	IV	II	III
Lloyd loam, 25 to 40 percent slopes (Pacolet)	IV	II	IV
Lloyd loam, eroded gently sloping phase (Gaston)	III	II	II
Lloyd loam, eroded sloping phase (Cecil)	III	II	II
Lloyd loam, eroded strongly sloping phase (Cecil)	IV	II	II
Lloyd loam, gently sloping phase (Gaston)	II	II	I
Lloyd loam, level phase (Gaston)	II	II	I
Lloyd loam, moderately steep phase (Cecil)	II	II	II
Lloyd loam, sloping phase (Cecil)	II	II	II
Lloyd loam, strongly sloping phase (Cecil)	IV	II	II
Local alluvial land, ALL	IV	III	III
Louisa fine sandy loam, 25 to 45 percent slopes	IV	II	III
Louisa sandy loam, 25 to 45 percent slopes	IV	II	III
Louisburg and Louisa soils, 25 to 55 percent slopes	IV	II	II
Louisburg and Louisa soils, ALL OTHER	IV	II	III
Louisburg coarse sandy loam, ALL	IV	II	II
Louisburg loamy coarse sand, ALL	IV	II	IV
Louisburg loamy sand, 2 to 6 percent slopes	III	II	II
Louisburg loamy sand, 6 to 10 percent slopes	III	II	II
Louisburg loamy sand, 6 to 15 percent slopes	IV	II	II
Louisburg loamy sand, 10 to 15 percent slopes	IV	II	II
Louisburg loamy sand, 15 to 45 percent slopes	IV	II	III
Louisburg sandy loam, ALL	IV	II	II
Louisburg-Wedowee complex, 15 to 25 percent slopes	IV	II	II
Louisburg-Wedowee complex, ALL OTHER	III	II	II
Made land	IV	VI	IV
Madison clay loam, 2 to 6 percent slopes, eroded	III	II	II
Madison clay loam, 6 to 10 percent slopes, eroded	III	II	II
Madison clay loam, eroded, ALL OTHER	IV	II	II

Map Unit Name	Agri	For	Hort
Madison complex, gullied	IV	II	IV
Madison fine sandy loam, 2 to 6 percent slopes	II	II	II
Madison fine sandy loam, 2 to 7 percent slopes	II	II	II
Madison fine sandy loam, 2 to 7 percent slopes, eroded	II	II	II
Madison fine sandy loam, 6 to 10 percent slopes	III	II	II
Madison fine sandy loam, 7 to 10 percent slopes	III	II	II
Madison fine sandy loam, 7 to 10 percent slopes, eroded	III	II	II
Madison fine sandy loam, 10 to 14 percent slopes	III	II	II
Madison fine sandy loam, 10 to 14 percent slopes, eroded	IV	II	II
Madison fine sandy loam, 10 to 15 percent slopes	III	II	II
Madison fine sandy loam, 14 to 25 percent slopes	IV	II	II
Madison fine sandy loam, 15 to 45 percent slopes	IV	II	II
Madison gravelly fine sandy loam, 2 to 6 percent slopes	II	II	II
Madison gravelly fine sandy loam, 2 to 6 percent slopes, eroded	II	II	II
Madison gravelly fine sandy loam, 6 to 10 percent slopes	III	II	II
Madison gravelly fine sandy loam, 6 to 10 percent slopes, eroded	III	II	II
Madison gravelly fine sandy loam, 7 to 10 percent slopes	III	II	II
Madison gravelly fine sandy loam, 10 to 14 percent slopes	III	II	II
Madison gravelly fine sandy loam, 10 to 15 percent slopes	III	II	II
Madison gravelly fine sandy loam, ALL OTHER	IV	II	II
Madison gravelly sandy clay loam, 2 to 8 percent slopes, moderately eroded	III	II	II
Madison gravelly sandy clay loam, 8 to 15 percent slopes, moderately eroded	IV	II	II
Madison gravelly sandy loam, 10 to 25 percent slopes, eroded	IV	II	II
Madison gravelly sandy loam, ALL OTHER	III	II	II
Madison sandy clay loam, 2 to 8 percent slopes, eroded	III	II	II
Madison sandy clay loam, 8 to 15 percent slopes, eroded	IV	II	II
Madison sandy clay loam, 15 to 25 percent slopes, eroded	IV	II	II
Madison sandy loam, 2 to 6 percent slopes	II	II	II
Madison sandy loam, 2 to 6 percent slopes, eroded	II	II	II
Madison sandy loam, 6 to 10 percent slopes	II	II	II
Madison sandy loam, 6 to 10 percent slopes, eroded	III	II	II
Madison sandy loam, 8 to 15 percent slopes	III	II	II
Madison sandy loam, 10 to 15 percent slopes	III	II	II
Madison sandy loam, ALL OTHER	IV	II	II
Madison-Bethlehem complex, 2 to 8 percent slopes, stony, moderately eroded	III	II	II
Madison-Bethlehem complex, 8 to 15 percent slopes, very stony, moderately eroded	IV	II	III
Madison-Bethlehem-Urban Land complex, 2 to 8 percent slopes	IV	II	IV
Madison-Udorthents complex, 2 to 15 percent slopes, gullied	IV	II	IV
Madison-Urban land complex, 2 to 10 percent slopes	IV	II	IV
Mantachie soils	III	III	II
Masada fine sandy loam, ALL	I	II	I
Masada gravelly sandy clay loam, eroded, ALL	II	II	I
Masada loam, 2 to 8 percent slopes	I	II	I
Masada loam, 8 to 15 percent slopes	II	II	I
Masada sandy clay loam, eroded ALL	II	II	I
Masada sandy loam, 2 to 8 percent slopes	I	II	I
Masada sandy loam, 8 to 15 percent slopes	II	II	I
Masada sandy loam, 15 to 25 percent slopes	IV	II	II
Masada-Urban land complex, 2 to 15 percent slopes	IV	II	IV
Mayodan fine sandy loam, 2 to 6 percent slopes	II	I	I
Mayodan fine sandy loam, 2 to 6 percent slopes, eroded	II	I	I
Mayodan fine sandy loam, 2 to 7 percent slopes	II	I	I

Map Unit Name	Agri	For	Hort
Mayodan fine sandy loam, 2 to 8 percent slopes	II	I	I
Mayodan fine sandy loam, 6 to 10 percent slopes	III	I	I
Mayodan fine sandy loam, 7 to 10 percent slopes	III	I	I
Mayodan fine sandy loam, 7 to 10 percent slopes, eroded	III	I	I
Mayodan fine sandy loam, 8 to 15 percent slopes	III	I	I
Mayodan fine sandy loam, 10 to 14 percent slopes	III	I	I
Mayodan fine sandy loam, 10 to 14 percent slopes, eroded	III	I	II
Mayodan fine sandy loam, ALL OTHER	IV	I	II
Mayodan gravelly sandy loam, 2 to 6 percent slopes	II	I	I
Mayodan gravelly sandy loam, 2 to 6 percent slopes, eroded	II	I	I
Mayodan gravelly sandy loam, 2 to 8 percent slopes	II	I	I
Mayodan gravelly sandy loam, 6 to 10 percent slopes	III	I	I
Mayodan gravelly sandy loam, 6 to 10 percent slopes, eroded	IV	I	I
Mayodan gravelly sandy loam, 8 to 15 percent slopes	III	I	II
Mayodan gravelly sandy loam, 10 to 15 percent slopes	III	I	II
Mayodan gravelly sandy loam, 15 to 25 percent slopes	IV	I	II
Mayodan sandy clay loam, 2 to 8 percent slopes, eroded	II	I	II
Mayodan sandy clay loam, 8 to 15 percent slopes, eroded	III	I	II
Mayodan sandy clay loam, 15 to 25 percent slopes, eroded	IV	I	II
Mayodan sandy loam, 2 to 6 percent slopes	II	I	I
Mayodan sandy loam, 2 to 6 percent slopes, eroded	II	I	I
Mayodan sandy loam, 2 to 8 percent slopes	II	I	I
Mayodan sandy loam, 6 to 10 percent slopes	III	I	I
Mayodan sandy loam, 6 to 10 percent slopes, eroded	III	I	I
Mayodan sandy loam, 8 to 15 percent slopes	III	I	II
Mayodan sandy loam, 10 to 15 percent slopes	III	I	II
Mayodan sandy loam, 10 to 15 percent slopes, eroded	IV	I	II
Mayodan sandy loam, 15 to 25 percent slopes	IV	I	II
Mayodan sandy loam, 15 to 25 percent slopes, stony	IV	I	IV
Mayodan silt loam, 2 to 8 percent slopes	II	I	I
Mayodan silt loam, 8 to 15 percent slopes	III	I	II
Mayodan silt loam, 15 to 25 percent slopes	IV	I	II
Mayodan silt loam, 25 to 45 percent slopes	IV	I	III
Mayodan silt loam, thin, ALL	III	I	II
Mayodan silty clay loam, 2 to 8 percent slopes, eroded	III	I	II
Mayodan silty clay loam, 8 to 15 percent slopes, eroded	IV	I	II
Mayodan-Brickhaven complex, 15 to 30 percent slopes	IV	I	III
Mayodan-Exway complex, eroded, ALL	III	I	II
Mayodan-Pinkston complex, 25 to 45 percent slopes	IV	I	III
Mayodan-Urban land complex, ALL	IV	I	IV
McQueen loam, 1 to 6 percent slopes	II	II	II
Mecklenburg clay loam, 2 to 8 percent slopes, eroded	II	II	II
Mecklenburg clay loam, 2 to 8 percent slopes, moderately eroded	II	II	II
Mecklenburg clay loam, 6 to 15 percent slopes, severely eroded	IV	II	II
Mecklenburg clay loam, 8 to 15 percent slopes, eroded	III	II	II
Mecklenburg clay loam, 8 to 15 percent slopes, moderately eroded	III	II	II
Mecklenburg clay loam, severely eroded sloping phase	IV	II	II
Mecklenburg fine sandy loam, 2 to 6 percent slopes	II	II	I
Mecklenburg fine sandy loam, 2 to 8 percent slopes	II	II	II
Mecklenburg fine sandy loam, 8 to 15 percent slopes	III	II	II
Mecklenburg loam, 2 to 6 percent slopes	II	II	I
Mecklenburg loam, 2 to 6 percent slopes, eroded	II	II	II

Map Unit Name	Agri	For	Hort
Mecklenburg loam, 2 to 7 percent slopes, eroded	II	II	II
Mecklenburg loam, 2 to 8 percent slopes	II	II	I
Mecklenburg loam, 6 to 10 percent slopes	II	II	II
Mecklenburg loam, 6 to 10 percent slopes, eroded	II	II	II
Mecklenburg loam, 7 to 14 percent slopes, eroded	III	II	II
Mecklenburg loam, 8 to 15 percent slopes	III	II	II
Mecklenburg loam, 10 to 15 percent slopes, eroded	III	II	II
Mecklenburg loam, ALL OTHER	IV	II	II
Mecklenburg loam, dark surface variant, 2 to 6 percent slopes	II	II	I
Mecklenburg loam, dark surface variant, 6 to 10 percent slopes	II	II	II
Mecklenburg loam, dark surface variant, 10 to 15 percent slopes	III	II	II
Mecklenburg loam, eroded gently sloping phase	II	II	II
Mecklenburg loam, eroded sloping phase	II	II	II
Mecklenburg loam, eroded strongly sloping phase	III	II	II
Mecklenburg sandy clay loam, eroded, ALL	III	II	II
Mecklenburg-Urban land complex, ALL	IV	II	IV
Miscellaneous water	IV	VI	IV
Misenheimer channery silt loam, 0 to 4 percent slopes	IV	V	III
Misenheimer-Callison complex, 0 to 3 percent slopes	IV	V	III
Misenheimer-Cid complex, 0 to 3 percent slopes	IV	V	III
Misenheimer-Kirksey complex, 0 to 5 percent slopes	IV	V	III
Mixed alluvial land, ALL	IV	III	III
Mocksville sandy loam, 2 to 8 percent slopes	II	II	II
Mocksville sandy loam, 8 to 15 percent slopes	III	II	II
Mocksville sandy loam, 15 to 45 percent slopes	IV	II	III
Moderately gullied land, ALL	IV	VI	IV
Monacan and Arents soils	I	III	IV
Monacan loam	I	III	III
Montonia very channery silt loam, 25 to 60 percent slopes, very stony	IV	V	IV
Mooshaunee-Hallison complex, 2 to 8 percent slopes	III	II	II
Mooshaunee-Hallison complex, 8 to 15 percent slopes	IV	II	III
Mooshaunee-Hallison complex, 15 to 25 percent slopes	IV	II	IV
Mooshaunee-Hallison complex, ALL OTHER	IV	II	IV
Nanford gravelly fine sandy loam, 8 to 15 percent slopes	III	II	II
Nanford silt loam, 2 to 6 percent slopes	II	II	I
Nanford silt loam, 2 to 8 percent slopes	II	II	I
Nanford silt loam, 8 to 15 percent slopes	III	II	II
Nanford silty clay loam, 2 to 6 percent slopes, moderately eroded	III	II	II
Nanford-Badin complex, 6 to 10 percent slopes	III	II	II
Nanford-Badin complex, 10 to 15 percent slopes	IV	II	II
Nanford-Emporia complex, 2 to 8 percent slopes	II	II	I
Nason gravelly loam, 2 to 6 percent slopes	III	II	I
Nason gravelly loam, 6 to 10 percent slopes	III	II	II
Nason gravelly loam, 10 to 25 percent slopes	IV	II	II
Nason gravelly loam, 25 to 50 percent slopes	IV	II	III
Nason gravelly silt loam, 2 to 8 percent slopes	II	II	I
Nason gravelly silt loam, 8 to 15 percent slopes	III	II	II
Nason loam, 2 to 6 percent slopes	II	II	I
Nason loam, 6 to 10 percent slopes	III	II	I
Nason silt loam, 2 to 6 percent slopes	II	II	I
Nason silt loam, 2 to 8 percent slopes	II	II	I
Nason silt loam, 6 to 12 percent slopes	III	II	I

Map Unit Name	Agri	For	Hort
Nason silt loam, 8 to 15 percent slopes	III	II	I
Nason silt loam, 10 to 15 percent slopes	III	II	I
Nason silt loam, 15 to 25 percent slopes	IV	II	II
Nason stony silt loam, 10 to 15 percent slopes (Uwharrie)	IV	II	IV
Oakboro silt loam, ALL	III	III	III
Orange gravelly loam, 2 to 7 percent slopes	II	II	II
Orange loam, 0 to 2 percent slopes	II	II	II
Orange silt loam, 0 to 3 percent slopes	II	II	II
Orange silt loam, eroded gently sloping moderately well drained variant	III	II	II
Orange silt loam, eroded gently sloping phase	III	II	II
Orange silt loam, eroded sloping moderately well drained variant	III	II	II
Orange silt loam, gently sloping moderately well drained variant	III	II	II
Orange silt loam, gently sloping phase	II	II	II
Orange silt loam, nearly level phase	II	II	II
Orange silt loam, sloping moderately well drained variant	III	II	II
Pacolet clay loam, 2 to 6 percent slopes, eroded	II	II	II
Pacolet clay loam, 2 to 8 percent slopes, moderately eroded	II	II	II
Pacolet clay loam, 6 to 10 percent slopes, eroded	III	II	II
Pacolet clay loam, 6 to 10 percent slopes, severely eroded	III	II	II
Pacolet clay loam, 8 to 15 percent slopes, moderately eroded	III	II	II
Pacolet clay loam, 10 to 15 percent slopes, eroded	III	II	II
Pacolet clay loam, 15 to 45 percent slopes, eroded	IV	II	II
Pacolet complex, 10 to 25 percent slopes, severely eroded	IV	II	III
Pacolet fine sandy loam, 2 to 6 percent slopes	II	II	I
Pacolet fine sandy loam, 6 to 10 percent slopes	III	II	I
Pacolet fine sandy loam, 8 to 15 percent slopes	III	II	II
Pacolet fine sandy loam, 10 to 15 percent slopes	III	II	II
Pacolet fine sandy loam, ALL OTHER	IV	II	II
Pacolet gravelly fine sandy loam, 2 to 6 percent slopes	II	II	I
Pacolet gravelly fine sandy loam, 6 to 10 percent slopes	III	II	II
Pacolet gravelly fine sandy loam, 8 to 15 percent slopes	III	II	II
Pacolet gravelly fine sandy loam, 15 to 25 percent slopes	IV	II	II
Pacolet gravelly sandy clay loam, 15 to 30 percent slopes, eroded	IV	II	II
Pacolet gravelly sandy loam, 2 to 8 percent slopes	II	II	I
Pacolet gravelly sandy loam, 8 to 15 percent slopes	III	II	II
Pacolet gravelly sandy loam, ALL OTHER	IV	II	II
Pacolet loam, 10 to 15 percent slopes	III	II	II
Pacolet loam, 15 to 25 percent slopes	IV	II	II
Pacolet sandy clay loam, 2 to 6 percent slopes, eroded	II	II	II
Pacolet sandy clay loam, 2 to 6 percent slopes, moderately eroded	II	II	II
Pacolet sandy clay loam, 2 to 8 percent slopes, eroded	II	II	II
Pacolet sandy clay loam, 6 to 10 percent slopes, moderately eroded	III	II	II
Pacolet sandy clay loam, 8 to 15 percent slopes, eroded	III	II	II
Pacolet sandy clay loam, 8 to 15 percent slopes, moderately eroded	III	II	II
Pacolet sandy clay loam, 10 to 15 percent slopes, moderately eroded	III	II	II
Pacolet sandy clay loam, ALL OTHER	IV	II	II
Pacolet sandy loam, 2 to 6 percent slopes	II	II	I
Pacolet sandy loam, 2 to 8 percent slopes	II	II	I
Pacolet sandy loam, 6 to 10 percent slopes	III	II	II
Pacolet sandy loam, 8 to 15 percent slopes	III	II	II
Pacolet sandy loam, 10 to 15 percent slopes	III	II	II
Pacolet sandy loam, ALL OTHER	IV	II	II

Map Unit Name	Agri	For	Hort
Pacolet soils, 10 to 25 percent slopes	IV	II	III
Pacolet-Bethlehem complex, 2 to 8 percent slopes, eroded	III	II	II
Pacolet-Bethlehem complex, 2 to 8 percent slopes, moderately eroded	III	II	II
Pacolet-Bethlehem complex, ALL OTHER	IV	II	II
Pacolet-Bethlehem complex, 15 to 25 percent slopes, stony	IV	II	III
Pacolet-Bethlehem-Urban Land complex, ALL	IV	II	IV
Pacolet-Madison-Urban land complex, ALL	IV	II	IV
Pacolet-Saw complex, 2 to 8 percent slopes, eroded	III	II	II
Pacolet-Saw complex, 2 to 8 percent slopes, moderately eroded	III	II	II
Pacolet-Saw complex, ALL OTHER	IV	II	II
Pacolet-Udorthents complex, gullied, ALL	IV	II	IV
Pacolet-Urban land complex, ALL	IV	II	IV
Pacolet-Wilkes complex, 8 to 15 percent slopes	III	II	II
Pacolet-Wilkes complex, 15 to 25 percent slopes	IV	II	II
Picture loam, 0 to 3 percent slopes	IV	II	III
Pinkston, ALL	IV	II	III
Pinoka, ALL	IV	II	III
Pinoka-Carbonton complex, 2 to 8 percent slopes	IV	II	III
Pits, ALL	IV	VI	IV
Poindexter and Zion sandy loams, 2 to 8 percent slopes	III	II	II
Poindexter and Zion sandy loams, 8 to 15 percent slopes	IV	II	II
Poindexter and Zion sandy loams, ALL OTHER	IV	II	III
Poindexter fine sandy loam, 25 to 60 percent slopes	IV	II	III
Poindexter loam, 2 to 8 percent slopes	III	II	II
Poindexter loam, 8 to 15 percent slopes	IV	II	II
Poindexter loam, 15 to 45 percent slopes	IV	II	III
Poindexter-Mocksville complex, 2 to 8 percent slopes	IV	II	II
Poindexter-Mocksville complex, 8 to 15 percent slopes	IV	II	II
Poindexter-Mocksville complex, ALL OTHER	IV	II	III
Poindexter-Zion-Urban land complex, 2 to 15 percent slopes	IV	II	IV
Polkton-White Store complex, 2 to 8 percent slopes, severely eroded	III	II	III
Polkton-White Store complex, ALL OTHER	IV	II	III
Quarry, ALL	IV	VI	IV
Rhodhiss, ALL	IV	II	II
Rhodhiss-Bannertown complex, 25 to 50 percent slopes	IV	II	III
Rion fine sandy loam, 2 to 8 percent slopes	III	II	II
Rion fine sandy loam, 8 to 15 percent slopes	IV	II	II
Rion fine sandy loam, 15 to 25 percent slopes	IV	II	II
Rion fine sandy loam, 25 to 60 percent slopes	IV	II	III
Rion loamy sand, 8 to 15 percent slopes	IV	II	II
Rion loamy sand, 15 to 25 percent slopes	IV	II	III
Rion sandy loam, 2 to 8 percent slopes	III	II	II
Rion sandy loam, 8 to 15 percent slopes	III	II	II
Rion sandy loam, 15 to 25 percent slopes	IV	II	II
Rion sandy loam, 15 to 30 percent slopes	IV	II	II
Rion sandy loam, ALL OTHER	IV	II	III
Rion, Pacolet, and Wateree soils, 25 to 60 percent slopes	IV	II	IV
Rion-Ashlar complex, 15 to 35 percent slopes, stony	IV	II	III
Rion-Ashlar complex, 25 to 60 percent slopes, rocky	IV	II	IV
Rion-Ashlar-Rock outcrop complex, 45 to 70 percent slopes	IV	II	IV
Rion-Cliffside complex, 25 to 60 percent slopes, very stony	IV	II	IV
Rion-Hibriten complex, 25 to 45 percent slopes, very stony	IV	II	IV

Map Unit Name	Agri	For	Hort
Rion-Urban land complex, 2 to 10 percent slopes	IV	II	IV
Rion-Wateree-Wedowee complex, 8 to 15 percent slopes	IV	II	III
Rion-Wedowee complex, ALL	III	II	II
Rion-Wedowee-Ashlar complex, ALL	IV	II	III
Riverview and Buncombe soils, 0 to 3 percent slopes, frequently flooded	II	III	III
Riverview and Toccoa soils, 0 to 4 percent slopes, occasionally flooded	II	III	III
Riverview, frequently flooded, ALL	II	III	III
Riverview, occasionally flooded, ALL	I	III	III
Roanoke, ALL	II	III	III
Roanoke-Wahee complex, 0 to 3 percent slopes, occasionally flooded	II	III	III
Rock outcrop	IV	VI	IV
Rock outcrop-Ashlar complex, 2 to 15 percent slopes	IV	VI	IV
Rock outcrop-Wake complex, ALL	IV	VI	IV
Sauratown channery fine sandy loam, 25 to 60 percent slopes, very stony	IV	IV	IV
Saw-Pacolet complex, ALL	IV	II	II
Saw-Wake Complex, very rocky, ALL	IV	II	IV
Secrest-Cid complex, 0 to 3 percent slopes	III	II	II
Sedgefield fine sandy loam, 1 to 4 percent slopes	II	II	II
Sedgefield fine sandy loam, 1 to 6 percent slopes	III	II	II
Sedgefield sandy loam, 1 to 6 percent slopes	III	II	II
Sedgefield sandy loam, 2 to 8 percent slopes	III	II	II
Severely gullied land, ALL	IV	VI	IV
Shellbluff loam, 0 to 2 percent slopes, occasionally flooded	II	III	III
Shellbluff silt loam, 0 to 2 percent slopes, frequently flooded	IV	III	III
Skyuka clay loam, 2 to 8 percent slopes, eroded	II	I	II
Skyuka loam, 2 to 8 percent slopes	I	I	II
Spray loam, 0 to 5 percent slopes	IV	II	III
Spray-Urban land complex, 0 to 5 percent slopes	IV	II	IV
Starr loam, ALL	II	I	III
State, ALL	I	I	I
Stoneville loam, 2 to 8 percent slopes	II	II	I
Stoneville loam, 8 to 15 percent slopes	III	II	I
Stoneville loam, 15 to 25 percent slopes	IV	II	II
Stoneville-Urban land complex, 2 to 10 percent slopes	IV	II	IV
Stony land	IV	VI	IV
Swamp	IV	III	IV
Tallapoosa fine sandy loam, ALL	IV	II	III
Tarrus gravelly silt loam, 2 to 8 percent slopes	II	II	I
Tarrus-Georgeville complex, 8 to 15 percent slopes	II	II	I
Tatum and Nason channery silt loams, 15 to 25 percent slopes	IV	II	II
Tatum channery silt loam, ALL	III	II	I
Tatum channery silty clay loam, ALL	III	II	II
Tatum gravelly loam, 2 to 8 percent slopes	II	II	I
Tatum gravelly loam, 8 to 15 percent slopes	III	II	I
Tatum gravelly loam, ALL OTHER	IV	II	II
Tatum gravelly silt loam, 2 to 8 percent slopes	II	II	I
Tatum gravelly silt loam, 8 to 15 percent slopes	III	II	I
Tatum gravelly silt loam, ALL OTHER	IV	II	II
Tatum gravelly silty clay loam, eroded, ALL	III	II	II
Tatum loam, 2 to 6 percent slopes	II	II	I
Tatum loam, 10 to 15 percent slopes	III	II	II
Tatum loam, ALL OTHER	IV	II	II

Map Unit Name	Agri	For	Hort
Tatum silt loam, 2 to 8 percent slopes	II	II	I
Tatum silt loam, 8 to 15 percent slopes	III	II	I
Tatum silt loam, ALL OTHER	IV	II	II
Tatum silty clay loam, eroded, ALL	III	II	II
Tatum-Badin complex, 2 to 8 percent slopes	III	II	I
Tatum-Badin complex, 2 to 8 percent slopes, eroded	III	II	II
Tatum-Badin complex, 8 to 15 percent slopes	III	II	II
Tatum-Montonia complex, 15 to 30 percent slopes	IV	II	II
Tatum-Montonia complex, ALL OTHER	III	II	II
Tatum-Urban land complex, 2 to 8 percent slopes	IV	II	IV
Tetotum fine sandy loam, 1 to 4 percent slopes	I	I	I
Tetotum silt loam, 0 to 3 percent slopes	I	I	I
Tirzah silt loam, eroded gently sloping phase (Tatum)	III	II	I
Tirzah silt loam, eroded sloping phase (Tatum)	II	II	I
Tirzah silt loam, eroded strongly sloping phase (Tatum)	III	II	II
Tirzah silt loam, gently sloping phase (Stoneville)	II	II	II
Tirzah silt loam, sloping phase (Stoneville)	III	II	II
Tirzah silt loam, strongly sloping phase (Stoneville)	III	II	II
Tirzah silty clay loam, severely eroded gently sloping phase (Tatum)	III	II	II
Tirzah silty clay loam, severely eroded sloping phase (Tatum)	III	II	II
Tirzah silty clay loam, severely eroded strongly sloping phase (Tatum)	IV	II	II
Toast sandy loam, 2 to 8 percent slopes	II	I	I
Toast sandy loam, 8 to 15 percent slopes	III	I	II
Toccoa, ALL	I	III	III
Turbeville fine sandy loam, 0 to 3 percent slopes	I	II	I
Udorthents, ALL	IV	VI	IV
Udorthents-Pits complex, mounded, 0 to 2 percent slopes, occasionally flooded	IV	VI	IV
Udorthents-Urban land complex, ALL	IV	VI	IV
Urban land, ALL	IV	VI	IV
Urban land-Arents complex, occasionally flooded	IV	III	IV
Urban land-Iredell-Creedmoor complex, 2 to 10 percent slopes	IV	II	IV
Urban land-Masada complex, 2 to 15 percent slopes	IV	II	IV
Uwharrie clay loam, 2 to 8 percent slopes, eroded	III	II	III
Uwharrie clay loam, 8 to 15 percent slopes, eroded	IV	II	III
Uwharrie loam, 15 to 25 percent slopes	IV	II	III
Uwharrie loam, very stony, ALL	IV	II	III
Uwharrie silt loam, 2 to 8 percent slopes	II	II	I
Uwharrie silty clay loam, 2 to 8 percent slopes, eroded	III	II	II
Uwharrie silty clay loam, 2 to 8 percent slopes, moderately eroded	III	II	II
Uwharrie silty clay loam, 8 to 15 percent slopes, eroded	IV	II	II
Uwharrie stony loam, ALL	IV	II	III
Uwharrie stony loam, very bouldery, ALL	IV	II	IV
Uwharrie-Badin complex, ALL	IV	II	III
Uwharrie-Tatum complex, 8 to 15 percent slopes	III	II	III
Uwharrie-Tatum complex, 8 to 15 percent slopes, moderately eroded	IV	II	III
Uwharrie-Urban Land, 2 to 8 percent slopes	IV	II	IV
Vance clay loam, severely eroded sloping phase	IV	II	II
Vance coarse sandy loam, 2 to 8 percent slopes	II	II	II
Vance coarse sandy loam, eroded gently sloping phase	III	II	II
Vance coarse sandy loam, eroded sloping phase	III	II	II
Vance coarse sandy loam, gently sloping phase	II	II	II

Map Unit Name	Agri	For	Hort
Vance sandy clay loam, ALL	III	II	II
Vance sandy loam, 2 to 6 percent slopes	II	II	II
Vance sandy loam, 2 to 6 percent slopes, eroded	III	II	II
Vance sandy loam, 2 to 8 percent slopes	II	II	II
Vance sandy loam, 6 to 10 percent slopes	III	II	II
Vance sandy loam, 6 to 10 percent slopes, eroded	III	II	II
Vance sandy loam, 8 to 15 percent slopes	III	II	II
Vance sandy loam, 10 to 15 percent slopes	III	II	II
Vance sandy loam, eroded gently sloping phase	III	II	II
Vance sandy loam, eroded moderately sloping phase	III	II	II
Vance sandy loam, eroded strongly sloping phase	IV	II	II
Vance sandy loam, gently sloping phase	II	II	II
Vance-Urban land complex, 2 to 10 percent slopes	IV	II	IV
Wadesboro clay loam, 2 to 8 percent slopes, moderately eroded	II	I	II
Wadesboro clay loam, 8 to 15 percent slopes, moderately eroded	III	I	II
Wadesboro fine sandy loam, 2 to 7 percent slopes (Mayodan)	II	I	II
Wadesboro fine sandy loam, 2 to 7 percent slopes, eroded (Mayodan)	II	I	II
Wadesboro fine sandy loam, 7 to 10 percent slopes (Mayodan)	III	I	II
Wadesboro fine sandy loam, 7 to 10 percent slopes, eroded (Mayodan)	III	I	II
Wadesboro fine sandy loam, 10 to 14 percent slopes (Mayodan)	III	I	II
Wadesboro fine sandy loam, 10 to 14 percent slopes, eroded (Mayodan)	IV	I	II
Wadesboro fine sandy loam, 14 to 30 percent slopes (Mayodan)	IV	I	II
Wahee, ALL	II	III	I
Wake soils, ALL	IV	II	III
Wake-Saw-Wedowee complex, 2 to 8 percent slopes, rocky	IV	II	III
Wake-Wateree complex, 15 to 30 percent slopes, very rocky	IV	II	III
Wake-Wateree-Wedowee complex, 8 to 15 percent slopes, rocky	IV	II	III
Warne and Roanoke fine sandy loams (Dogue)	IV	III	II
Wateree fine sandy loam, ALL	IV	II	II
Wateree-Rion complex, 40 to 95 percent slopes	IV	II	III
Wateree-Rion-Wedowee complex, 15 to 30 percent slopes	IV	II	III
Wedowee coarse sandy loam, 2 to 6 percent slopes	II	I	I
Wedowee coarse sandy loam, 6 to 10 percent slopes	III	I	II
Wedowee loam, 2 to 8 percent slopes	II	I	I
Wedowee loam, 8 to 15 percent slopes	III	I	II
Wedowee loam, 15 to 25 percent slopes	IV	I	II
Wedowee sandy clay loam, 8 to 15 percent slopes, eroded	IV	I	II
Wedowee sandy loam, 2 to 10 percent slopes, extremely bouldery	IV	I	IV
Wedowee sandy loam, 2 to 15 percent slopes, bouldery	IV	I	III
Wedowee sandy loam, 2 to 6 percent slopes	II	I	I
Wedowee sandy loam, 2 to 6 percent slopes, eroded	II	I	II
Wedowee sandy loam, 2 to 8 percent slopes	II	I	I
Wedowee sandy loam, 6 to 10 percent slopes	III	I	II
Wedowee sandy loam, 6 to 10 percent slopes, eroded	III	I	II
Wedowee sandy loam, 6 to 15 percent slopes	III	I	II
Wedowee sandy loam, 8 to 15 percent slopes	III	I	II
Wedowee sandy loam, 10 to 15 percent slopes	III	I	II
Wedowee sandy loam, 10 to 15 percent slopes, eroded	III	I	II
Wedowee sandy loam, 10 to 25 percent slopes	III	I	II
Wedowee sandy loam, 15 to 25 percent slopes	IV	I	II
Wedowee sandy loam, 15 to 35 percent slopes, bouldery	IV	I	III
Wedowee sandy loam, 15 to 40 percent slopes	IV	I	II

Map Unit Name	Agri	For	Hort
Wedowee-Louisburg complex, 2 to 6 percent slopes	II	I	II
Wedowee-Louisburg complex, ALL OTHER	III	I	III
Wedowee-Urban land-Udorthents complex, 2 to 10 percent slopes	IV	I	IV
Wehadkee and Bibb soils	IV	III	III
Wehadkee, ALL	IV	III	III
White Store clay loam, ALL	IV	II	III
White Store fine sandy loam, moderately eroded, ALL	IV	II	III
White Store loam, 8 to 15 percent slopes	IV	II	III
White Store loam, ALL OTHER	III	II	III
White Store sandy loam, 2 to 6 percent slopes	III	II	III
White Store sandy loam, ALL OTHER	IV	II	III
White Store silt loam, 8 to 15 percent slopes	IV	II	III
White Store silt loam, ALL OTHER	III	II	III
White Store-Polkton complex, ALL	IV	II	III
White Store-Urban land complex, ALL	IV	II	IV
Wickham fine sandy loam, 0 to 3 percent slopes, rarely flooded	I	I	I
Wickham fine sandy loam, 2 to 6 percent slopes	I	I	I
Wickham fine sandy loam, 2 to 6 percent slopes, eroded	II	I	I
Wickham fine sandy loam, 2 to 7 percent slopes, eroded	II	I	I
Wickham fine sandy loam, 2 to 8 percent slopes	II	I	I
Wickham fine sandy loam, 6 to 10 percent slopes	II	I	I
Wickham fine sandy loam, 6 to 10 percent slopes, eroded	III	I	II
Wickham fine sandy loam, 7 to 14 percent slopes, eroded	III	I	II
Wickham fine sandy loam, 10 to 15 percent slopes	III	I	II
Wickham sandy loam, ALL	I	I	I
Wilkes, ALL	IV	II	III
Wilkes-Poindexter-Wynott complex, ALL	IV	II	III
Wilkes-Urban land complex, 8 to 15 percent slopes	IV	II	IV
Winnsboro fine sandy loam, 2 to 8 percent slopes	II	II	I
Winnsboro loam, 2 to 8 percent slopes	III	II	I
Winnsboro loam, 8 to 15 percent slopes	IV	II	II
Winnsboro-Wilkes complex, 2 to 8 percent slopes	III	II	II
Winnsboro-Wilkes complex, ALL OTHER	IV	II	III
Woolwine-Fairview complex, 2 to 8 percent slopes, moderately eroded	III	II	II
Woolwine-Fairview complex, moderately eroded, ALL OTHER	IV	II	II
Woolwine-Fairview-Urban land complex, ALL	IV	II	IV
Worsham, ALL	IV	III	III
Wynott cobbly loam, 2 to 10 percent slopes, extremely stony	IV	II	IV
Wynott loam, 2 to 8 percent slopes	III	II	II
Wynott-Enon complex, 2 to 8 percent slopes	II	II	II
Wynott-Enon complex, 2 to 8 percent slopes, moderately eroded	II	II	II
Wynott-Enon complex, 8 to 15 percent slopes	II	II	II
Wynott-Enon complex, 8 to 15 percent slopes, moderately eroded	III	II	II
Wynott-Enon complex, 15 to 25 percent slopes	IV	II	II
Wynott-Enon complex, extremely bouldery, ALL	IV	II	IV
Wynott-Wilkes-Poindexter complex, 2 to 8 percent slopes	IV	II	II
Wynott-Winnsboro complex, 2 to 8 percent slopes	II	II	II
Wynott-Winnsboro complex, 8 to 15 percent slopes	II	II	II
Wynott-Winnsboro complex, 15 to 25 percent slopes	IV	II	II
Zion gravelly loam, 2 to 8 percent slopes	III	II	II
Zion gravelly loam, 8 to 15 percent slopes	IV	II	II
Zion-Enon complex, 2 to 8 percent slopes	III	II	III

Map Unit Name	Agri	For	Hort
Zion-Enon complex, 8 to 15 percent slopes	IV	II	II
Zion-Mocksville complex, 25 to 45 percent slopes	IV	II	III
Zion-Wilkes complex, 8 to 15 percent slopes	IV	II	II
Zion-Winnsboro-Mocksville complex, ALL	IV	II	II

Map Unit Name	Agri	For	Hort
Ailey gravelly loamy sand, 8 to 15 percent slopes	III	V	III
Ailey gravelly loamy sand, 15 to 25 percent slopes	IV	V	IV
Ailey loamy sand, ALL	III	V	III
Ailey sand, moderately wet, 0 to 6 percent slopes	II	V	II
Ailey-Urban land complex, ALL	IV	V	IV
Bibb loam, 0 to 2 percent slopes, frequently flooded	IV	III	IV
Blaney loamy sand, 2 to 8 percent slopes	II	II	II
Blaney loamy sand, 8 to 15 percent slopes	III	II	III
Blaney-Urban land complex, ALL	IV	II	IV
Bragg sandy loam, 1 to 4 percent slopes	IV	V	IV
Candor and Wakulla soils, 8 to 15 percent slopes	IV	V	IV
Candor sand, ALL	IV	V	IV
Candor-Urban land complex, 2 to 12 percent slopes	IV	V	IV
Dothan gravelly loamy sand, 0 to 6 percent slopes	I	II	I
Dothan loamy sand, ALL	I	II	I
Emporia loamy sand, ALL	II	II	II
Faceville sandy clay loam, 2 to 6 percent slopes, eroded	II	II	II
Fuquay, ALL	II	II	II
Fuquay-Urban land complex, 0 to 6 percent slopes	IV	II	IV
Gilead loamy sand, ALL	II	II	II
Johns fine sandy loam, 0 to 2 percent slopes	I	I	I
Johnston, ALL	IV	III	IV
Kalmia sandy loam, wet substratum, 0 to 2 percent slopes	I	II	I
Kenansville loamy sand, 0 to 4 percent slopes	II	I	II
Lakeland, ALL	IV	V	IV
Lakeland-Urban land complex, 1 to 8 percent slopes	IV	V	IV
Lillington gravelly sandy loam, 2 to 8 percent slopes	III	II	III
Lillington gravelly sandy loam, 8 to 15 percent slopes	IV	II	IV
Lillington gravelly sandy loam, 15 to 25 percent slopes	IV	II	IV
Pactolus sand, 0 to 3 percent slopes	IV	II	IV
Paxville fine sandy loam, 0 to 2 percent slopes	I	III	I
Pelion loamy sand, 0 to 2 percent slopes	II	II	II
Pelion loamy sand, 1 to 4 percent slopes	IV	II	IV
Pelion loamy sand, 2 to 8 percent slopes	III	II	III
Pelion loamy sand, 8 to 15 percent slopes	IV	II	IV
Pelion-Urban land complex, ALL	IV	II	IV
Pelion-Urban land complex, 8 to 15 percent slopes	IV	II	IV
Pocalla loamy sand, 0 to 6 percent slopes	II	II	II
Rains fine sandy loam, 0 to 2 percent slopes	III	I	III
Tetotum silt loam, 0 to 3 percent slopes, rarely flooded	I	I	I
Udorthents, ALL	IV	VI	IV
Urban land, ALL	IV	VI	IV
Vaucluse gravelly loamy sand, 2 to 8 percent slopes	III	II	III
Vaucluse gravelly loamy sand, 8 to 15 percent slopes	IV	II	IV
Vaucluse gravelly loamy sand, 15 to 25 percent slopes	IV	II	IV
Vaucluse gravelly sandy loam, ALL	III	II	III
Vaucluse gravelly sandy loam, 8 to 15 percent slopes	III	II	III
Vaucluse gravelly sandy loam, 15 to 25 percent slopes	III	II	III
Vaucluse loamy sand, 2 to 8 percent slopes	II	II	II
Vaucluse loamy sand, 8 to 15 percent slopes	III	II	III
Vaucluse loamy sand, 15 to 25 percent slopes	IV	II	IV
Vaucluse very gravelly loamy sand, ALL	IV	II	IV

Map Unit Name	Agri	For	Hort
Vaucluse-Gilead loamy sands, 15 to 25 percent slopes	IV	II	IV
Vaucluse-Urban land complex, ALL	IV	II	IV
Wakulla and Candor soils, 0 to 8 percent slopes	IV	V	IV
Wakulla sand, ALL	IV	V	IV
Wakulla-Candor-Urban land complex, 0 to 10 percent slopes	IV	V	IV
Wehadkee fine sandy loam	IV	III	IV
Wehadkee loam, 0 to 2 percent slopes, frequently flooded	IV	III	IV

Map Unit Name	Agri	For	Hort
Alaga, ALL	IV	II	IV
Alpin, ALL	IV	II	IV
Altavista, ALL	I	I	I
Altavista-Urban land complex, 0 to 2 percent slopes	IV	I	IV
Arapahoe fine sandy loam	II	I	II
Augusta, ALL	II	I	II
Autryville fine sand, 1 to 4 percent slopes	IV	II	IV
Autryville, ALL OTHER	III	II	III
Aycock, ALL ERODED	II	I	II
Aycock, ALL OTHER	I	I	I
Ballahack loam, 0 to 2 percent slopes, occasionally flooded	I	I	I
Bayboro, ALL	I	I	I
Baymeade and Marvyn soils, 6 to 12 percent slopes	IV	V	IV
Baymeade fine sand, ALL	IV	V	IV
Baymeade-Urban land complex, 0 to 6 percent slopes	IV	V	IV
Bethera, ALL	II	I	II
Bibb and Johnston loams, frequently flooded	IV	III	IV
Bibb, ALL	IV	III	IV
Bladen, ALL	III	I	III
Blanton, ALL	IV	V	IV
Bohicket, ALL	IV	VI	IV
Bonneau loamy fine sand, 0 to 6 percent slopes	II	II	II
Bonneau loamy sand, 0 to 4 percent slopes	II	II	II
Bonneau loamy sand, 0 to 6 percent slopes	II	II	II
Bonneau loamy sand, 6 to 10 percent slopes	III	II	III
Bonneau loamy sand, 6 to 12 percent slopes	III	II	III
Borrow pits	IV	VI	IV
Bragg, ALL	IV	VI	IV
Brookman loam, frequently flooded	IV	III	IV
Butters loamy fine sand, 0 to 3 percent slopes	III	II	III
Byars loam	II	III	II
Cainhoy, ALL	IV	V	IV
Cape Fear loam, ALL	I	I	I
Caroline fine sandy loam, ALL	II	II	II
Carteret, ALL	IV	VI	IV
Centenary fine sand	IV	II	IV
Chastain and Chenneby soils, frequently flooded	IV	III	IV
Chastain silt loam, frequently flooded	IV	III	IV
Chewacla and Chastain soils, frequently flooded	IV	III	IV
Chewacla loam, frequently flooded	IV	III	IV
Chipley sand	IV	II	IV
Chowan silt loam	IV	III	IV
Conetoe, ALL	III	II	III
Congaree silt loam, 0 to 4 percent slopes, occasionally flooded	I	III	I
Corolla fine sand	IV	VI	IV
Coxville, ALL	II	I	II
Craven clay loam, 4 to 12 percent slopes, eroded	IV	I	IV
Craven fine sandy loam, 0 to 1 percent slopes	II	I	II
Craven fine sandy loam, 1 to 4 percent slopes	II	I	II
Craven fine sandy loam, 1 to 6 percent slopes, eroded	III	I	III
Craven fine sandy loam, 4 to 8 percent slopes	III	I	III
Craven fine sandy loam, 4 to 8 percent slopes, eroded	IV	I	IV

Map Unit Name	Agri	For	Hort
Craven fine sandy loam, 6 to 10 percent slopes	IV	I	IV
Craven fine sandy loam, 8 to 12 percent slopes, eroded	IV	I	IV
Craven loam, 1 to 4 percent slopes	II	I	II
Craven loam, 1 to 4 percent slopes, eroded	III	I	III
Craven silt loam, 1 to 4 percent slopes	II	I	II
Craven very fine sandy loam, 1 to 4 percent slopes	II	I	II
Craven very fine sandy loam, 4 to 8 percent slopes	IV	I	IV
Craven-Urban land complex, 0 to 2 percent slopes	IV	I	IV
Croatan muck, frequently flooded	III	V	III
Croatan muck, ALL OTHER	II	V	II
Dogue sandy loam, 0 to 2 percent slopes	II	I	II
Dogue sandy loam, 2 to 6 percent slopes	III	I	III
Dogue sandy loam, 6 to 12 percent slopes	IV	I	IV
Dorovan, ALL	IV	V	IV
Duckston fine sand	IV	VI	IV
Echaw, ALL	IV	V	IV
Exum fine sandy loam, 0 to 1 percent slopes	I	II	I
Exum fine sandy loam, 1 to 6 percent slopes	II	II	II
Exum loam, 0 to 2 percent slopes	I	II	I
Exum silt loam, 0 to 2 percent slopes	I	II	I
Exum very fine sandy loam, 0 to 2 percent slopes	I	II	I
Exum very fine sandy loam, 2 to 5 percent slopes	II	II	II
Exum-Urban land complex, 0 to 2 percent slopes	IV	II	IV
Foreston loamy fine sand, ALL	II	II	II
Goldsboro sandy loam, 1 to 6 percent slopes	I	I	I
Goldsboro, ALL OTHER	I	I	I
Goldsboro-Urban land complex, ALL	IV	I	IV
Grantham, ALL	I	I	I
Grifton, ALL	II	I	II
Hobonny muck	IV	VI	IV
Icaria fine sandy loam, ALL	II	I	II
Invershiel-Pender complex, 0 to 2 percent slopes	I	II	I
Johns, ALL	II	I	II
Johnston and Pamlico soils, 0 to 1 percent slopes, frequently flooded	IV	III	IV
Johnston soils	IV	III	IV
Kalmia, ALL	II	II	II
Kenansville, ALL	III	II	III
Kinston loam, frequently flooded	IV	III	IV
Kureb, ALL	IV	V	IV
Lafitte muck	IV	VI	IV
Lakeland sand, 0 to 6 percent slopes	IV	V	IV
Leaf, ALL	III	I	III
Lenoir, ALL	III	I	III
Leon, ALL	IV	V	III
Leon-Urban land complex	IV	V	IV
Liddell silt loam	II	I	II
Lucy loamy sand, 0 to 6 percent slopes	II	II	II
Lumbee, ALL	II	I	II
Lynchburg, ALL	II	I	II
Lynchburg-Urban land complex	IV	I	IV
Lynn Haven sand	IV	II	IV
Mandarin, ALL	IV	V	IV

Map Unit Name	Agri	For	Hort
Mandarin-Urban land complex	IV	V	IV
Marvyn and Craven soils, 6 to 12 percent slopes	IV	I	IV
Marvyn, ALL	IV	I	IV
Masada sandy loam, 0 to 4 percent slopes	I	II	I
Masontown, ALL	IV	III	IV
Masontown mucky fine sandy loam and Muckalee sandy loam, frequently flooded	IV	III	IV
Meggett fine sandy loam, frequently flooded	IV	III	IV
Meggett, ALL OTHER	III	I	III
Mine pits	IV	VI	IV
Muckalee loam, ALL	IV	III	IV
Murville, ALL	IV	V	IV
Nahunta, ALL	I	I	I
Nakina fine sandy loam	I	I	I
Nawney loam, 0 to 2 percent slopes, frequently flooded	IV	III	IV
Newhan, ALL	IV	VI	IV
Newhan-Corolla complex, 0 to 30 percent slopes	IV	VI	IV
Newhan-Corolla-Urban land complex, 0 to 30 percent slopes	IV	VI	IV
Noboco fine sandy loam, 0 to 2 percent slopes	I	I	I
Noboco fine sandy loam, 2 to 6 percent slopes	II	I	II
Norfolk, ALL	II	II	II
Norfolk-Urban land complex, 0 to 6 percent slopes	IV	II	IV
Ocilla loamy fine sand, 0 to 4 percent slopes	IV	II	IV
Olustee loamy sand, sandy subsoil variant (Murville)	IV	II	IV
Onslow, ALL	II	II	II
Osier loamy sand, loamy substratum	IV	I	IV
Pactolus, ALL	IV	II	IV
Pamlico muck, frequently flooded	IV	V	IV
Pamlico muck, ALL OTHER	III	V	III
Pantego, ALL	I	I	I
Paxville sandy loam	II	III	II
Pender fine sandy loam	II	I	II
Pender-Urban land complex	IV	I	IV
Pits, ALL	IV	VI	IV
Pocalla loamy sand, 0 to 6 percent slopes	III	II	III
Rains, ALL	I	I	I
Rains-Urban land complex	IV	I	IV
Rimini sand 1 to 6 percent slopes	IV	V	IV
Roanoke, frequently flooded	IV	III	IV
Roanoke, ALL OTHER	II	III	II
Rumford, ALL	III	II	III
Rutlege mucky loamy fine sand	IV	V	IV
Seabrook, ALL	IV	II	IV
Seabrook-Urban land complex	IV	II	IV
Stallings, ALL	II	II	II
State fine sandy loam, 0 to 2 percent slopes	I	I	I
State fine sandy loam, 2 to 6 percent slopes	II	I	II
State loamy sand, 0 to 2 percent slopes	I	I	I
Stockade fine sandy loam	I	I	I
Suffolk loamy sand, 10 to 30 percent slopes	I	II	I
Swamp	IV	III	IV
Tarboro, ALL	IV	II	IV
Tarboro-Urban land complex, 0 to 6 percent slopes	IV	II	IV

Map Unit Name	Agri	For	Hort
Tomahawk fine sand, 0 to 3 percent slopes	IV	II	IV
Tomahawk loamy fine sand	IV	II	IV
Tomahawk loamy fine sand	IV	II	IV
Tomahawk loamy sand, 0 to 3 percent slopes	III	II	III
Tomotley, ALL	I	I	I
Torhunta, ALL	II	I	II
Torhunta-Urban land complex	IV	I	IV
Tuckerman fine sandy loam	II	II	II
Udorthents, ALL	IV	VI	IV
Udults, steep	IV	VI	IV
Umbric Ochraqualfs	IV	VI	IV
Urban land	IV	VI	IV
Valhalla fine sand, 0 to 6 percent slopes	III	II	III
Wagram loamy fine sand, 0 to 6 percent slopes	II	II	II
Wagram loamy sand, 6 to 10 percent slopes	III	II	III
Wagram loamy sand, 0 to 6 percent slopes	II	II	II
Wagram loamy sand, 10 to 15 percent slopes	IV	II	IV
Wahee, ALL	II	I	II
Wando fine sand, 0 to 6 percent slopes	IV	II	IV
Wando-Urban land complex, 0 to 6 percent slopes	IV	II	IV
Wakulla sand, ALL	IV	V	IV
Wasda muck	I	I	I
Wehadkee silt loam	IV	III	IV
Wickham fine sandy loam, 0 to 2 percent slopes	I	I	I
Wickham fine sandy loam, 2 to 6 percent slopes	II	I	II
Wickham fine sandy loam, 6 to 10 percent slopes	II	I	II
Wickham loamy sand, 1 to 6 percent slopes	II	I	II
Wickham sandy loam, 0 to 2 percent slopes	I	I	I
Wickham sandy loam, 0 to 6 percent slopes	II	I	II
Wickham sandy loam, 0 to 6 percent slopes, rarely flooded	II	I	II
Wickham sandy loam, 2 to 6 percent slopes	II	I	II
Wickham-Urban land complex, 2 to 10 percent slopes	IV	I	IV
Wilbanks, ALL	IV	III	IV
Winton, ALL	IV	I	IV
Woodington, ALL	II	II	II
Wrightsboro fine sandy loam 0 to 2 percent slopes	I	I	I
Yaupon silty clay loam, 0 to 3 percent slopes	III	VI	III

Map Unit Name	Agri	For	Hort
Acredale silt loam, 0 to 2 percent slopes, rarely flooded	I	I	I
Altavista ,ALL	I	I	I
Altavista-Urban land complex, 0 to 2 percent slopes	IV	I	IV
Arapahoe, ALL	I	I	I
Argent, ALL	II	I	II
Augusta ,ALL	II	I	II
Augusta-Urban land complex	IV	I	IV
Backbay mucky peat, 0 to 1 percent slopes, very frequently flooded	IV	VI	IV
Ballahack fine sandy loam, occasionally flooded	I	I	I
Barclay very fine sandy loam	I	I	I
Bayboro, ALL	I	I	I
Baymeade ,ALL	IV	V	IV
Baymeade-Urban land complex 1 to 6 percent slopes	IV	V	IV
Beaches, ALL	IV	VI	IV
Beaches-Newhan association	IV	VI	IV
Beaches-Newhan complex, ALL	IV	VI	IV
Belhaven muck, 0 to 2 percent slopes, frequently flooded	IV	V	IV
Belhaven muck, ALL OTHER	II	V	II
Bertie ,ALL	II	I	II
Bibb soils	IV	III	IV
Bladen ,ALL	III	I	III
Bohicket silty clay loam	IV	VI	IV
Bojac, ALL	III	II	III
Bolling loamy fine sand, 0 to 3 percent slopes, rarely flooded	II	I	II
Borrow pits	IV	VI	IV
Brookman loam, 0 to 2 percent slopes, rarely flooded	II	I	II
Brookman mucky loam, frequently flooded	IV	III	IV
Brookman mucky silt loam	I	I	I
Cape Fear, ALL	I	I	I
Carteret, ALL	IV	VI	IV
Chapanoke silt loam, ALL	I	I	I
Charleston loamy fine sand	III	II	III
Chowan, ALL	IV	III	IV
Conaby muck, ALL	II	I	II
Conetoe, ALL	III	II	III
Corolla, ALL	IV	VI	IV
Corolla-Duckston complex, ALL	IV	VI	IV
Corolla-Urban land complex	IV	VI	IV
Currituck, ALL	IV	VI	IV
Dare muck	IV	V	IV
Deloss fine sandy loam	I	III	I
Deloss mucky loam, frequently flooded	IV	III	IV
Delway muck, 0 to 1 percent slopes, very frequently flooded	IV	VI	IV
Dogue, ALL	II	I	II
Dorovan, ALL	IV	V	IV
Dragston, ALL	II	I	II
Duckston, ALL	IV	VI	IV
Duckston-Corolla complex, 0 to 6 percent slopes, rarely flooded	IV	VI	IV
Dune land, ALL	IV	VI	IV
Dune land-Newhan complex, 2 to 40 percent slopes	IV	VI	IV
Elkton, ALL	II	I	II
Engelhard loamy very fine sand, 0 to 2 percent slopes, frequently flooded	IV	III	IV

Map Unit Name	Agri	For	Hort
Engelhard loamy very fine sand, 0 to 2 percent slopes, rarely flooded	II	III	II
Fallsington fine sandy loam	IV	I	IV
Fork fine sandy loam, 0 to 2 percent slopes, rarely flooded	I	I	I
Fork loamy fine sand	II	I	II
Fortescue, ALL	I	III	I
Fripp fine sand, 2 to 30 percent slopes	IV	VI	IV
Galestown loamy fine sand	IV	II	IV
Gullrock muck, 0 to 2 percent slopes, rarely flooded	II	I	II
Hobonny muck, 0 to 1 percent slopes, frequently flooded	IV	VI	IV
Hobucken, ALL	IV	VI	IV
Hyde, ALL	I	I	I
Hydeland silt loam, 0 to 2 percent slopes, rarely flooded	I	I	I
Icaria loamy fine sand, 0 to 2 percent slopes, rarely flooded	II	I	II
Johns loamy sand, 0 to 2 percent slopes	II	I	II
Klej loamy fine sand	IV	II	IV
Kureb sand 1 to 8 percent slopes	IV	V	IV
Kureb-Urban land complex 1 to 8 percent slopes	IV	V	IV
Lafitte muck, ALL	IV	VI	IV
Lakeland sand 1 to 8 percent slopes	IV	V	IV
Leaf silt loam	III	I	III
Lenoir, ALL	III	I	III
Leon fine sand, 0 to 2 percent slopes, rarely flooded	IV	V	III
Leon sand	IV	V	III
Longshoal mucky peat, 0 to 1 percent slopes, very frequently flooded	IV	VI	IV
Lynn Haven, ALL	IV	II	IV
Made land and dumps	IV	VI	IV
Masontown mucky fine sandy loam	IV	III	IV
Matapeake fine and very fine sandy loams	I	II	I
Mattapex, ALL	II	I	II
Munden, ALL	II	I	II
Newhan, ALL	IV	VI	IV
Newhan-Beaches complex,	IV	VI	IV
Newhan-Corolla complex, ALL	IV	VI	IV
Newhan-Corolla-Urban land complex, 0 to 30 percent slopes	IV	VI	IV
Newhan-Urban land complex, ALL	IV	VI	IV
Newholland mucky loamy sand, 0 to 2 percent slopes, frequently flooded	IV	V	IV
Newholland mucky loamy sand, 0 to 2 percent slopes, rarely flooded	I	V	I
Nimmo, ALL	II	I	II
Nixonton very fine sandy loam	I	I	I
Osier fine sand, ALL	IV	I	IV
Othello, ALL	I	II	I
Ousley fine sand, ALL	IV	V	IV
Pactolus fine sand	IV	II	IV
Pasquotank, ALL	I	I	I
Paxville mucky fine sandy loam	II	III	II
Perquimans, ALL	I	I	I
Pettigrew muck, ALL	II	I	II
Pits, mine	IV	VI	IV
Pocomoke, ALL	II	I	II
Ponzer, ALL	II	V	II
Portsmouth, ALL	I	I	I
Psamments, 0 to 6 percent slopes	IV	VI	IV

Map Unit Name	Agri	For	Hort
Pungo muck, ALL	III	V	III
Roanoke, ALL	II	I	II
Roper muck, ALL	I	I	I
Sassafras loamy fine sand	II	I	II
Scuppernong muck, ALL	II	V	II
Seabrook, ALL	IV	II	IV
Seabrook-Urban land complex	IV	II	IV
Seagate fine sand	IV	II	IV
Seagate-Urban land complex	IV	II	IV
State fine sandy loam, ALL	I	I	I
State loamy fine sand, ALL	II	I	II
State sandy loam, ALL	I	I	I
State-Urban land complex, 0 to 2 percent slopes	IV	I	IV
Stockade loamy fine sand	I	III	I
Stockade mucky loam, ALL	IV	III	IV
Stono, ALL	I	I	I
Tarboro sand, ALL	IV	II	IV
Tidal marsh	IV	VI	IV
Tomotley fine sandy loam, ALL	I	I	I
Udorthents, ALL	IV	VI	IV
Urban land ALL	IV	VI	IV
Wahee, ALL	II	I	II
Wakulla sand, ALL	IV	V	IV
Wando, ALL	IV	II	IV
Wasda muck ALL	I	I	I
Weeksville loam, 0 to 2 percent slopes, frequently flooded	IV	I	IV
Weeksville, ALL OTHER	I	I	I
Wickham loamy sand, 0 to 4 percent slopes	II	I	II
Woodstown fine sandy loam	I	I	I
Wysocking very fine sandy loam, 0 to 3 percent slopes, rarely flooded	I	III	I
Yaupon fine sandy loam, 0 to 3 percent slopes	III	VI	III
Yeopim loam, 0 to 2 percent slopes	I	I	I
Yeopim loam, 2 to 6 percent slopes	II	I	II
Yeopim silt loam, ALL	I	I	I
Yonges, ALL	I	I	I

Brunswick County Board of Commissioners
ACTION AGENDA ITEM
September 19, 2022

Action Item # VII. - 1.

From:
Bill Early, Brunswick Business & Industry Development

Public Hearing - Economic Development

Issue/Action Requested:
Request that the Board of Commissioners conduct a Public Hearing to receive comments regarding a proposed economic development incentive from Brunswick County in the amount of $270,000 to Precision Swiss Products, Inc., and following the public hearing, consider approving the Incentive Agreement.

Background/Purpose of Request:
Brunswick County proposes a local Economic Development Incentive Grant of $270,000 payable over a 3-year period. In return for the economic incentives detailed above, the Company must invest $8,433,000 in machinery and equipment. In addition, the Company must create 125 new full-time jobs in Brunswick County within 5 years with an average annual wage of $54,025.

If approved, the County will fund the local payment with available revenues in the County's General Fund. This project will stimulate and stabilize the local economy and result in the creation of new, permanent jobs in the County.

Fiscal Impact:
Budget Amendment Required, Pre-Audit Certification Required, Reviewed By Director of Fiscal Operations
Budget amendment appropriates fund balance of $100,000 for economic development Precision Swiss Products, Inc year 1 of 3 incentive agreement.

Approved By County Attorney:
Yes

County Manager's Recommendation:
Recommend that the Board of Commissioners conduct a Public Hearing to receive comments regarding a proposed economic development incentive from Brunswick County in the amount of $270,000 to Precision Swiss Products, Inc., and following the public hearing, consider approving the Incentive Agreement.

ATTACHMENTS:

Description

- Precision Swiss Incentive Agreement
- Budget Amendment

PRECISION SWISS PRODUCTS, INC.

and

BRUNSWICK COUNTY, NORTH CAROLINA

INCENTIVE AGREEMENT

Dated as of September 19, 2022

INCENTIVE AGREEMENT

THIS INCENTIVE AGREEMENT is dated as of September 19, 2022 (as supplemented or amended, the "Agreement"), and is between **PRECISION SWISS PRODUCTS, INC.,** a California based Company authorized to do business in North Carolina, (the "Company"), and **BRUNSWICK COUNTY, NORTH CAROLINA**, a public body politic and a political subdivision of the State of North Carolina (the "County").

R E C I T A L S:

The purpose of this Agreement is to describe certain incentives to be provided by the County to the Company in connection with the Company's location of a manufacturing facility in the County.

NOW, THEREFORE, for and in consideration of the mutual promises and covenants contained in this Agreement, the parties hereby agree as follows:

ARTICLE I
DEFINITIONS; RULES OF CONSTRUCTION

1.01. Definitions. For all purposes of this Agreement, unless the context requires otherwise, the following terms shall have the following meanings:

"Beneficial Occupancy" means the date on which the Company occupies the Facility for its intended purpose, evidenced by the obtaining of a Certificate of Occupancy for the Facility.

"Business Day" means any day that is not a Saturday or a Sunday, or a day on which banks in the State are required by law to be closed.

"Closing Date" means the date on which this Agreement is first executed and delivered by the parties.

"Direct Investment" means the original tax value of all land, building improvements and equipment placed by the Company on the ad valorem tax rolls of the County.

"Event of Default" means any party's breaching or failing to perform or observe any term, condition or covenant of this Agreement on its part to be observed or performed for a period of 45 business days after written notice specifying such failure and requesting that it be remedied shall have been given to the defaulting party by the non-defaulting party, unless the non-defaulting party shall agree in writing to an extension of such time prior to its expiration.

"Facility" means the manufacturing facility intended to be utilized by the Company, as more particularly described in Exhibit A.

The number of "Full Time Equivalent Employees" means the number arrived at by dividing the total annual payroll hours paid by 2080, which shall be computed on the sixty (60) months immediately after the date of Beneficial Occupancy, and a certification of employment shall be provided by the Company to the County no later than the fifteenth day after termination of the twelve (12) month period immediately following the date of Beneficial Occupancy.

"Incentive Payment" has the meaning ascribed to it by the terms of Article III herein.

"Occupancy Date" means the date on which the Company assumes Beneficial Occupancy of the Facility.

"Performance Commitment(s)" has the meaning ascribed to it by the terms of Article II herein.

"Property" means the approximate 50,000 square feet leased at International Commerce Center, 3811 International Blvd, Suite 300, Leland, NC 28451, as described in Exhibit A.

"State" means the State of North Carolina.

1.02 Rules of Construction. Unless the context otherwise indicates:

(a) words importing the singular shall include the plural and vice versa, and words importing the masculine gender shall include the feminine and neuter genders as well;

(b) all references to Articles, Sections or Exhibits are references to Articles, Sections and Exhibits of this Agreement; and,

(c) the headings herein are solely for convenience of reference and shall not constitute a part of this Agreement nor shall they affect its meaning, construction or effect.

ARTICLE II

COMPANY'S COMMITMENTS

In return for the Incentive Payment set forth herein, which is a competitive necessity for the Company to choose to locate its Facility in Brunswick County, the Company commits to certain Performance Commitments related to jobs created. The parties acknowledge and agree

that the consideration for the County to enter into this Agreement is the expectation that the Company will meet or exceed these Performance Commitments.

Specifically, the Company agrees to meet or exceed the following Performance Commitments:

(a) The Company will up fit a Facility located on property owned by International Commerce Center 1, LLC. in Brunswick County to be used by the Company as its manufacturing facility.

The parties estimate that the taxable value of Facility, once completed, will be a minimum of nine million two hundred fifty thousand dollars ($9,250,000), including the value of machinery and equipment.

(b) The Company will create in the Facility at least one hundred twenty-five (125) Full Time Equivalent Employees with such number of Full Time Equivalent Employees being hired by the end of the sixty (60) month period following the date of Beneficial Occupancy.

ARTICLE III

THREE-YEAR INCENTIVE PAYMENTS; RECAPTURE OF INCENTIVE PAYMENTS

3.01 Beginning on January 31, 2023, and continuing on each subsequent January 31 through 2025, the County will pay to the Company the Incentive Grant shown in the following table:

Year 1	$100,000
Year 2	$100,000
Year 3	$ 70,000
Total Incentives	$270,000

3.02 If the Company is not current on all taxes, fees, assessments or other amounts owed to the County by the Company, then payment of any Incentive Grant will be withheld until all amounts due to the County are paid currently.

3.03 Upon the occurrence of either of the following:

(a) For any year beginning January 1, 2023, and continuing through December 31, 2027, the property taxes paid by the Company to the County are less than the amount of taxes that would have been paid if the Company had retained on the

County's tax records its initial Direct Investment as set forth in Article II (allowing; however, for reductions in taxable value due to revaluation or depreciation); or

(b) At any time prior to December 31, 2027, the Company ceases all (or substantially all) manufacturing activities at the Facility or removes from the Site all (or substantially all) of the equipment reference in Article II;

Then the Company must pay to the County an amount equal to all Incentive Grants at any time previously paid to the Company.

The Company will pay the amounts provided for in this Section to the County within 30 business days after receipt of a notice from the County stating the amount due. The County's computation of the amount due shall be conclusive between the parties in the absence of manifest effort.

3.04 The provisions of Sections 3.02 and 3.03 survive the termination of the Agreement as provided in Article VII.

ARTICLE IV

INDEMNIFICATION

The Company hereby agrees to indemnify, protect and save the County and its officers, directors and employees harmless from all liability, obligations, losses, claims, damages, actions, suits, proceedings, costs and expenses, including reasonable attorneys' fees, arising out of, connected with, or resulting directly or indirectly from the Facility or the transactions contemplated by or relating to this Agreement, including without limitation, the possession, condition, construction or use thereof, insofar as such matters relate to events subject to the control of the Company and not the County. The indemnification arising under this Article shall survive the Agreement's termination.

ARTICLE V

DISCLAIMER OF WARRANTIES

The Company acknowledges that the County has not designed the Facility, that the County has not supplied any plans or specifications with respect thereto and that the County: (a) is not manufacturer of, not dealer in, any of the component parts of the Facility or similar facilities, (b) has not made any recommendation, given any advice nor taken any other action with respect to (i) the choice of any supplier, vendor or designer of, or any other contractor with respect to, the Facility or any component part thereof or any property or rights relating thereto, or (ii) any action taken or to be taken with respect to the Facility or any component part thereof or

any property rights relating thereto at any stage of the construction thereof, (c) has not at any time had physical possession of the Facility or any component part thereof, and (d) has not made any warranty or other representation, express or implied, that the Facility or any component part thereof or any property or rights relating there to (i) will not result in or cause injury or damage to persons or property, (ii) has been or will be properly designed, or will accomplish the results which the Company intends therefore, or (iii) is safe in any manner or respect.

The County does not make any express or implied warranty or representation of any kind whatsoever with respect to the Facility or any component part thereof, including but not limited to any warranty or representation with respect to the merchantability or the fitness or suitability thereof for any particular purpose, and further including the design or condition thereof; the safety, workmanship, quality or capacity thereof; compliance thereof with the requirements of any law, rule, specification or contract pertaining thereto; any latent defect; the Facility's ability to perform any function; or any other characteristic of the Facility; it being agreed that the Company is to bear all risks relating to the Facility, the completion thereof or the transactions contemplated hereby and the Company hereby waives the benefits of any all implied warranties and representations of the County.

The provisions of this Article V shall survive the Agreement's termination.

ARTICLE VI

TERMINATION OF AGREEMENT

Upon the occurrence of either of the following events, this Agreement shall be terminated:

(a) Abandonment by the Company of manufacturing operations in the Facility; or

(b) Payment by the County of all Incentive Grants.

In the event of the Termination of this Agreement as set forth above, this Agreement shall be deemed to be null and void, and the parties to this Agreement shall have no other obligations from one to the other thereafter, except as to those matters contained in the Agreement which by the terms herein, survive the termination of this Agreement. An abandonment by the Company of manufacturing operations in the Facility does not relive the Company of its obligations under Article III.

ARTICLE VII

TEMPORARY REDUCTIONS IN BENCHMARK MIMIMUMS

Notwithstanding anything herein to the contrary, if the Company shall be prevented or delayed from fulfilling, or continuing to fulfill, either or both of the Benchmark Minimums as set forth herein by reason of any of the following:

(a) Government moratorium;

(b) Delay in obtaining any government or quasi-governmental approvals, permits or certificates, despite reasonable efforts by the Company to obtain same;

(c) Enemy or hostile government action;

(d) Act of God, including but not limited to hurricane, tornado, snowstorm, windstorm, earthquake or flood, fire or other extreme weather conditions or other casualty;

(e) Strike, lockout or a labor dispute involving entities other than the Company which cause the Company an inability to obtain labor or materials, or

(f) Any other event, other than normal business exigencies, which is beyond the reasonable control of the Company;

Then the Benchmark Minimums for the year(s) in which such event occurred shall be equitably reduced to reflect the effect of such event.

The parties shall negotiate in good faith to make an equitable reduction in the Benchmark Minimums for an affected year(s). However, if the parties cannot in good faith reach an agreement as to such adjustment, all parties agree to submit this issue to binding arbitration on an expedited basis.

ARTICLE VIII

ASSIGNMENTS

No party shall sell or assign any interest in or obligation under this Agreement without the prior express written consent of all the parties. Provided, however, that this Agreement may be assigned by the Company to a wholly owned subsidiary of the Company, without the consent of all other parties, provided that the Company will guarantee the performance by the Subsidiary of the obligations due under this Agreement.

ARTICLE IX

LIMITED OBLIGATION OF COUNTY

NO PROVISION OF THIS AGREEMENT SHALL BE CONSTRUED OR INTERPRETED AS CREATING A PLEDGE OF THE FAITH AND CREDIT OF THE COUNTY WITHIN THE MEANING OF ANY CONSTITUTIONAL DEBT LIMITATION. NO PROVISION OF THIS AGREEMENT SHALL BE CONSTRUED OR INTERPRETED AS DELEGATING GOVERNMENTAL POWERS NOR AS A DONATION OR LENDING OF THE CREDIT OF THE COUNTY WITHIN THE MEANING OF THE STATE CONSTITUTION. THIS AGREEMENT SHALL NOT DIRECTLY OR INDIRECTLY OR CONTINGENTLY OBLIGATE THE COUNTY TO MAKE ANY PAYMENTS BEYOND THOSE APPROPRIATED IN THE COUNTY'S SOLE DISCRETION FOR ANY FISCAL YEAR IN WHICH THIS AGREEMENT SHALL BE IN EFFECT. NO PROVISION OF THIS AGREEMENT SHALL BE CONSTRUED TO PLEDGE OR TO CREATE A LIEN ON ANY CLASS OR SOURCE OF THE COUNTY'S MONEYS, NOR SHALL ANY PROVISION OF THE AGREEMENT RESTRICT TO ANY EXTENT PROHIBITED BY LAW, ANY ACTION OR RIGHT OR ACTION ON THE PART OF ANY FUTURE COUNTY GOVERNING BODY. TO THE EXTENT OF ANY CONFLICT BETWEEN THIS ARTICLE AND ANY OTHER PROVISION OF THIS AGREEMENT, THE ARTICLE SHALL TAKE PRIORITY.

ARTICLE X

MISCELLANEOUS

10.01 **Governing Law**. The parties intend that this Agreement shall be governed by the laws of the State of North Carolina.

10.02 **Notices.**

(a) Any communication required or permitted by this Agreement must be in writing except as expressly provided otherwise in this Agreement

(b) Any communication shall be sufficiently given and deemed given when delivered by hand or five days after being mailed by first-class mail, postage prepaid, and addressed as follows:

(1) If to the Company, to:

Precision Swiss Products, Inc.
Stephen M. Dillon, COO/CFO
3811 International Blvd, Suite 300
Leland, NC 28451

(2) If to the County, to:

Brunswick County
Steve Stone, County Manager
PO Box 249
Bolivia, NC 28422

(c) Either Party may designate additional or different addresses for communications by written notice given under this Section to the other Party.

10.03 **Non-Business Days**. If the date for performance of any act or the exercising of any right shall not be a Business Day, such act will be performed or right exercised on or before the next preceding Business Day.

10.04 **Severability.** If any provision of this Agreement shall be determined to be unenforceable, that shall not affect any other provision of this Agreement.

10.05. **Entire Agreement; Amendments.** This Agreement, including Exhibits A and B attached, which is incorporated herein and made a part hereof, constitutes the entire contract between the parties, and this Agreement shall not be changed except in writing signed by all the parties.

10.06. **Binding Effect.** Subject to the specific provisions of this Agreement, this Agreement shall be binding upon and inure to the benefit of and be enforceable by the parties and their respective successors and assigns.

10.07. **Time.** Time is of the essence in this Agreement and each and all of its provisions.

10.08. **Liability of Officers and Agents.** No officer, agent or employee of the County or the Company shall be subject to any personal liability or accountability by reason of the execution of this Agreement or any other documents related to the transactions contemplated hereby. Such officers, agents, or employees shall be deemed to execute such documents in their official capacities only, and not in their individual capacities. This Section shall not relieve any such officer, agent or employee from the performance of any official duty provided by law.

10.09. **Counterparts.** This Agreement may be executed in several counterparts, including separate counterparts. Each shall be an original, but all of them together constitute the same instrument.

Remainder of this page left blank intentionally. Signature page follows.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed in their corporate names by their duly authorized officers, all as of the date first above written.

PRECISION SWISS PRODUCTS, INC.

ATTEST: **By:** _____
Stephen M. Dillion
COO/CFO

_____

[SEAL] **BRUNSWICK COUNTY**
NORTH CAROLINA

ATTEST: **By:** _____
Randy Thompson, Chairman
Brunswick County Board of Commissioners

_____
Daralyn Spivey
Clerk

This instrument has been preaudited
in the manner required by The Local
Government Budget and Fiscal Control Act

_____
Aaron Smith
Director of Fiscal Operations
Brunswick County, North Carolina

Signature page to Incentive Agreement by and between Precision Swiss Products, Inc. and Brunswick County, North Carolina.

Exhibits
A - Facility Description
B – Schedule For Repayment of Incentive Payments

EXHIBIT A

FACILITY DESCRIPTION

The Facility will consist of a manufacturing facility, manufacturing precision metal and plastic parts for the medical device, aerospace, and semiconductor industries, along with offices, other non-manufacturing space and parking. This facility will be located in Brunswick County at 3811 International Blvd, Suite 300, Leland, NC 28451 (the "Site").

The Facility will be used for the manufacturing of precision metal and plastic parts for the medical device, aerospace, and semiconductor industries.

The Direct Investment in the Facility will be no less than the Benchmark Minimum of Direct Investment and employment in this Facility will be at least at the Benchmark Minimums of Full Time Equivalent Employees, both of which are set forth in Article II of this Agreement.

EXHIBIT B

SCHEDULE FOR REPAYMENT OF INCENTIVE PAYMENTS

The County has agreed to make three (3) annual incentive grant payments, but in which the Company fails to meet the Benchmark Minimums for Full-Time Equivalent Employees and/or Direct Investment within five years (5), the Company shall repay a pro rata amount of the total grant payment to the County.

The amount of the payment will be calculated as follows:

First. Determine the number of Full-Time Equivalent Employees at year five (5). Express that number as a percentage of 125 (the Benchmark Minimum for Full-Time Equivalent Employees), but not greater than 100%.

Second. Determine the Company's Direct Investment at year five (5). Express that number as a percentage of $8,433,000 (the Benchmark Minimum for Direct Investment) but not greater than 100%.

Third. Compute a weighted average of the percentages derived in the first and second steps, weighting the first percentage at 10% and the second percentage at 90%.

Fourth. Multiply the percentage computed in the third step by the amount of the total payment set forth in Article III to produce the actual repayment.

Request Info	
Type	Budget Amendment
Description	Economic Development
Justification	Board Meeting 09/19/2022-Appropriate fund balance $100,000 for economic development incentive for Precision Swiss Products, Inc incentive agreement.
Originator	Tiffany Rogers

Items						
Department	Object	Dept Desc	Object Desc	Amount	Incr/Decr	Dr/Cr
100000	399100	General Revenues	Fund Balance Appropriated	100000	Increase	Credit
104999	465107	Economic Development Agencies	Donations Exp DSS	100000	Increase	Debit

Total	
Grand Total:	200000

Brunswick County Board of Commissioners
ACTION AGENDA ITEM
September 19, 2022

Action Item # VIII. - 1.

From:
John Nichols, P.E.

Utilities - Distribution Crew Request (John Nichols, PE - Director of Public Utilities)

Issue/Action Requested:
Request that the Board of Commissioners approve additional staff, materials, and equipment, as well as explore the use of contractors, for valve operation and water quality testing to facilitate the construction of current and upcoming new sub-division projects, water line relocation, and new construction projects; hydrant testing; tap installation; and the installation of an increased number of residential and irrigation meters.

Background/Purpose of Request:
Residential and irrigation meter installation requests have been increasing significantly each year due to ongoing growth within the County. Meter installation requests are outpacing the current installation rate by far and most new homes require not one meter but two - a residential meter for the house and a separate irrigation meter. In calendar year 2021, a total of 1,663 meters were installed. Through only 6 months of 2022, 1,772 meters have been installed and it is projected that 3,544 meter installations will be needed through the end of the year. Moreover, all work order requests are trending significantly higher this year than last year and last year's numbers were some of the highest on record. In 2021, 5,517 work order requests were processed, and it is projected that through calendar year 2022, 7,462 work orders will be requested. Even with assistance from other crews, the work order crew of four is no longer able to keep up with the increased requests for new service.

Additionally, the increased number of highway improvement projects (NCDOT), new water line construction projects, and new and re-initialized subdivision projects has increased the need for water line shutdowns, hydrant flow tests, and line acceptance testing. Often these connections must be done at night which disrupts the standard work schedule during the day. The two staff members typically responsible for the critical job of adjusting valves, reintroducing pressure into the system after a shutdown, and testing water quality and pressure are unable to keep up with the non-standard requests as well as their typical water quality testing responsibilities.

In order to keep up with the additional work requests, it is recommended that three new positions be approved (two mechanics for the Work Order Crew and one for the Water Quality Crew), along with necessary equipment, tools, and materials. The consideration of using a contractor to complete some work orders is also recommended. Using a contractor will help to reduce backlog to a manageable level while ensuring that there is not excess staff in the event that development-related work orders begin to tail off. The year one cost for additional staffing and the associated equipment and materials is estimated at $471,531 and the ongoing annual cost for salaries are estimated at $229,531. A breakdown of the costs is enclosed along with an analysis of the increased work orders. If it is determined that a contractor can assist with customer-requested work orders, this will be bid out and a contract will be brought to the Board for approval in the future.

Staff recommends approval of three additional staff and their associated materials and equipment to facilitate the increased number of work orders due to growth, current and upcoming new utility projects, NCDOT water line relocations, and the increased number of subdivision projects, as well as approval to explore using a

contractor to reduce the customer work order backlog.

Fiscal Impact:
Budget Amendment Required, Reviewed By Director of Fiscal Operations
Amendment appropriates $415,153 of expendable net assets for 3 new positions and equipment associated with an additional tapping crew.

Approved By County Attorney:
Not Applicable

Advisory Board Recommendation:
N/A

County Manager's Recommendation:
Recommend that the Board of Commissioners approve additional staff, materials, and equipment, as well as explore the use of contractors, for valve operation and water quality testing to facilitate the construction of current and upcoming new sub-division projects, water line relocation, and new construction projects; hydrant testing; tap installation; and the installation of an increased number of residential and irrigation meters.

ATTACHMENTS:

Description

- Utilities - Work Order Metrics - Attach 1
- Utilities - Water Quality Metrics - Attach 2
- Budget Amendment
- Cost Breakdown

Work Order Crew
Staffing and Responsibilities

We currently have four full time employees on our Work Order Crew.

- One Crew Supervisor
- Three Maintenance Mechanics

- Work requests include a variety of customer requests including but not limited to:
  - **New Meter Installs**
  - **Service Line and Meter Leaks**
  - Irrigation Taps / Double Box and Split Service Installation
  - 1" Meter Service Upgrades
  - Meter Box Adjustments
  - Low Pressure Complaints
  - No water Complaints
  - Locate Meter Box
  - Repair Meter Box/Lid
  - Meters for Wells
  - Dis-connect / Re-connect
  - Customer complaints and calls

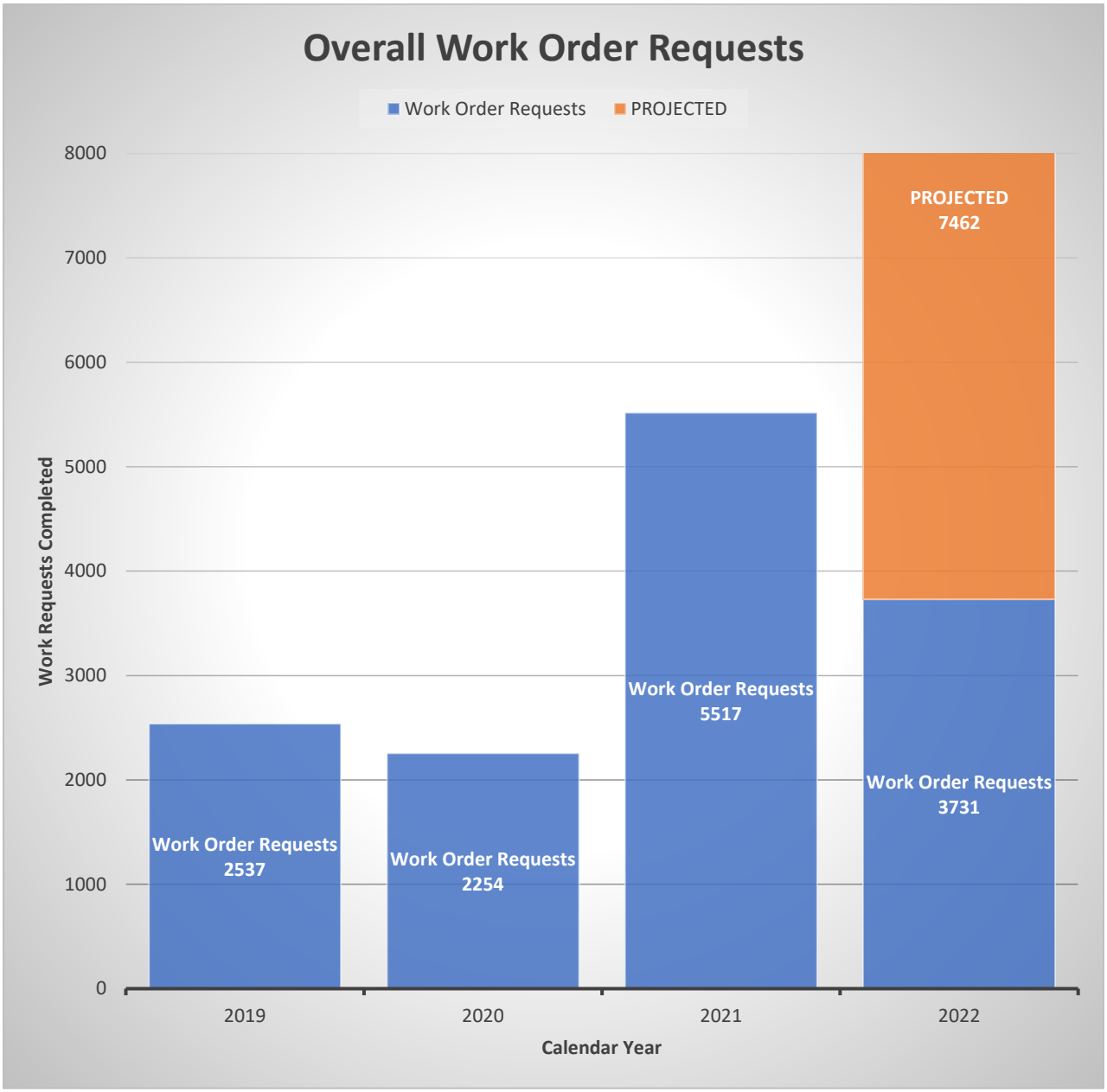
Overall Work Order Requests

- Overall requests were up 145% in 2021 over 2020.
- In 2022 overall requests are up another 35% over 2021.
- For the past two years we have utilized staff from other divisions, worked overtime and Weekends to try and offset the numbers.
- In 2021 through overtime and the entire AMI Division assisting a few days a week, we were able to address most of the requests.

- In 2022:

- Our current Work Order Staff of 4 averages completing around 3800 work orders per year.
- We have reached that number of requests in just six months of 2022.
  - 2900 requests have been completed as of June 30th, 2022, leaving a backlog of over 800.
  - Meter Installs are averaging 12 to 16 weeks wait time.
  - AMI Staff of 3 are assisting 5 days a week and Weekends.
  - Water Quality Staff of 2 are assisting an average of 2 days a week.
  - Maintenance Staff of 3 are now assisting an average of 1 day a week.

Work Order Crew

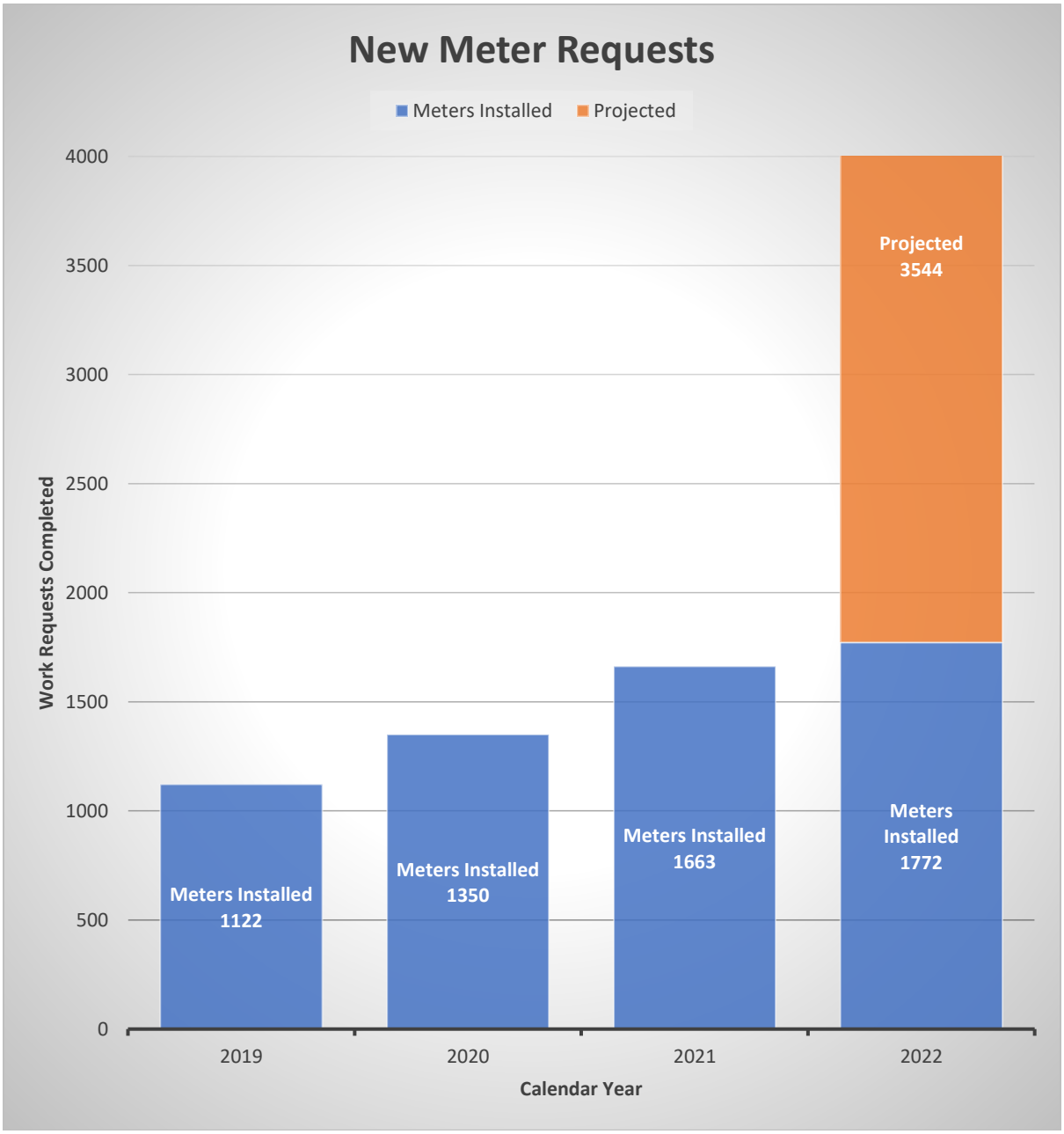


According to the Fire Marshal, 10 New subdivisions are scheduled for permitting by Feb 2023 ranging from 1500 to 4000 homes adding even more new meter install requests for 2023.

Work Order Crew

New Meter Requests

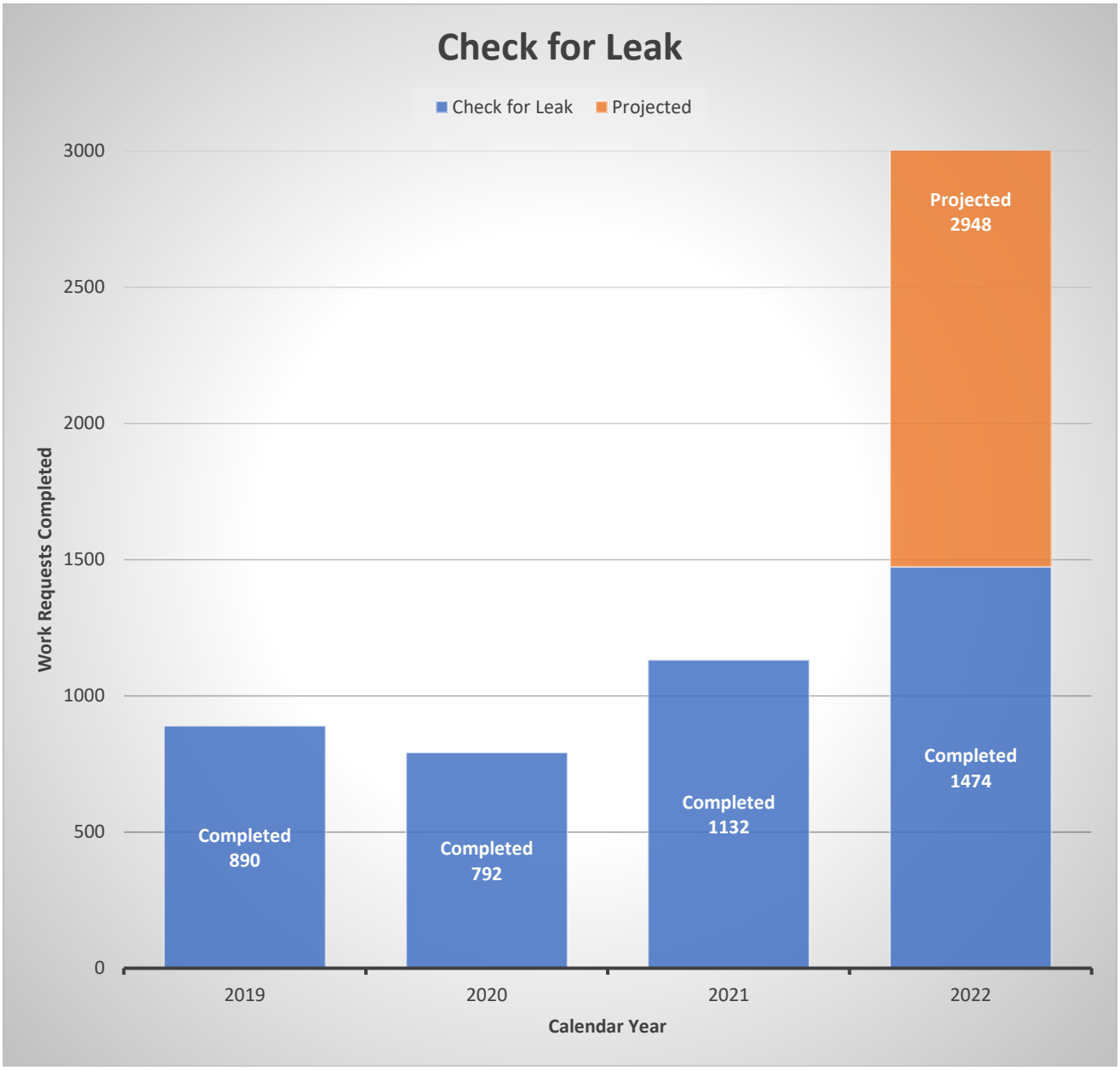
- Requests for meter installs have more than doubled in 2022 over 2021.
- In the first six months of 2022 we have already surpassed all of 2021.
- A projected 113% increase in 2022.



Work Order Crew

Check For Leaks

- Requests to check for leaks have increased in 2022 over 2021.
- In the first six months of 2022 we have already surpassed all of 2021.
- A projected 160% increase in 2022.



Work Order Crew

Request for New Staff: 3 New Permanent full-time Utilities Mechanic I-III positions

- We have seen record growth in population, construction, new sub-divisions, and housing starts over the past few years and that growth is reflected in our work requests.
- Delays in meter installs can cause issues with closings on new homes.
- Leaks cause flooding, property damage, low pressure issues and wastes water.
- New Meter Requests and Leaks are a priority and must be addressed in a timely manner and we do not have the staff to handle such growth.

We need at least three more Utilities Mechanic I-III positions in Water Distribution for the Work Order Crew to be able to provide quality, timely service to our customers, builders, contractors, and community.

Water Quality Crew
Water Quality
Staffing and Responsibilities

We currently have three full time employees on our Work Order Crew.

- One Water Quality Crew Supervisor
- One Water Quality Tech
- One Backflow/ Cross-connection Coordinator

- Work requests include a variety of requests including but not limited to:
  - Water Compliance Testing/Sampling
    - Weekly for DEQ Compliance (MRT's)
    - Daily as routine maintenance
  - Coordinating Waterline Shutdowns and Outages
    - Schedule dates and times if not an emergency
    - Write and issue Advisories to DEQ
    - Notify Customers (by door hanger or Code Red)
    - Notify and collaborate with cities, towns, emergency management, fire departments, wholesale, commercial, industrial, medical facilities, and critical care customers if they are to be affected.
    - Notify utility leadership, water treatment plants, and utility phone centers.
    - Locate and operate valves.
    - Monitor system pumps, tanks, and pressures.
    - Flush waterlines and collect Bacteriological samples after repairs. (DEQ Compliance)
    - Write and rescind Advisories to DEQ.
    - Re-Notify Customers and all other entities included in the original advisory of sample results (by door hanger, Code Red, email, or phone)

  - Flushing / Cleaning waterlines
    - Routine maintenance
    - After all shutdowns and outages (DEQ Compliance)
    - Per customer request
  - Collecting Bacteriological Samples
    - New waterline acceptance (County Regs)
    - Following any and all shutdowns (DEQ Compliance)
  - Annual System wide flushing (DEQ Compliance) (3 months per year)
    - Operation of chlorine injection systems at pumping stations. (Daily)
    - Flushing of all dead-end lines whiten the system. (Daily)
    -
  - Low Pressure or no water calls
    - Customer complaints
    - Water System issues
  - Customer and Wholesale water quality complaints

Water Quality Crew
Water Quality
Current Projects

Annual Flushing Oct-Dec 2022

Shallotte Transmission Waterline

- Sept 2022 – Tie in 1 (Smith Ave)
- Sept 2022 – Tie in 2 (Shallotte 2 Tank)
- Oct-Dec 2022 – NCDOT 211 Widening

ADM, Duke Energy, Wal-Mart, and businesses on 211 near Southport, Southport and, Jabbertown Rd., and Shallotte will be affected during these shutdowns.

Upcoming Projects Oct 2022-23

- NCDOT US 17 and Smith Ave Interchange
- NCDOT US 17 Business 17 Interchange North and South Shallotte
- NCDOT Calabash River Bridge Replacement
- NCDOT Caw Caw Swamp Bridge Replacement
- NCDOT NC 130 Longwood Rd Realignment
- NCDOT Midway Rd Bridge Replacement
- Navassa Waterline Replacement and Improvements

All Projects will require several major mainline shutdowns, possibly overnight. Scheduling and planning for each shutdown will take several days for each. Shutdowns require a minimum of four people to execute work timely and safely, overnight projects result in staff working extended hours and need be off the following day.

We have two Water Quality Employees.

Water Quality Crew

Backflow/ Cross-Connection Coordinator
Staffing and Responsibilities

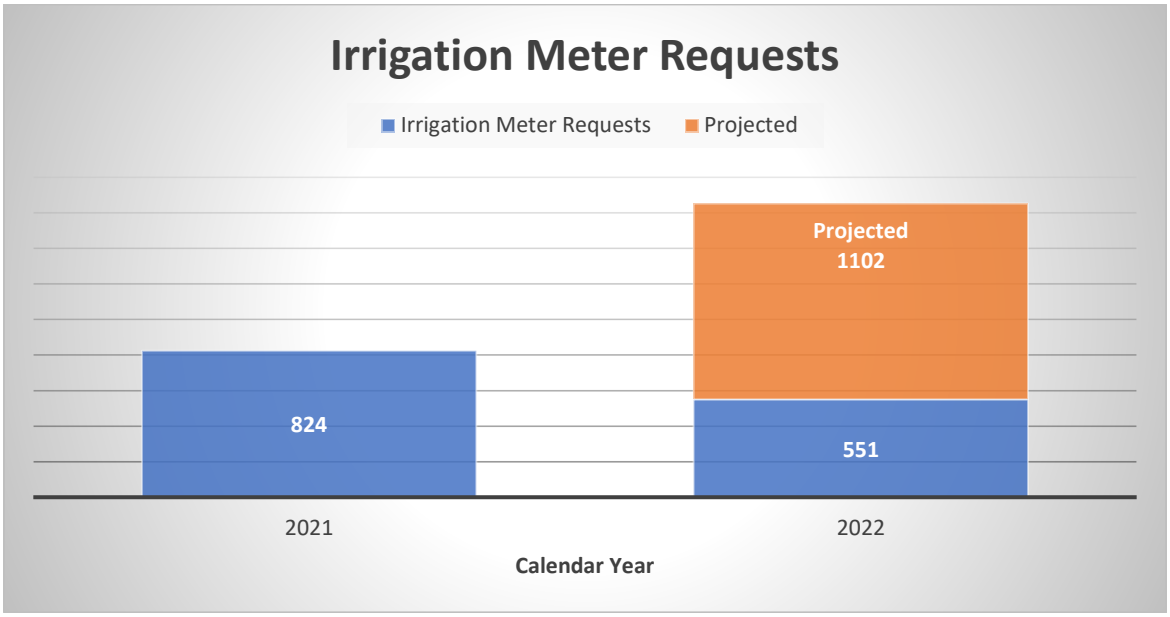
Water Quality Crew has one Backflow/ Cross-connection Coordinator who's work requests including but are not limited to:

- Irrigation Meter Installs
- Hydrant Flow Tests
  - System Design and modeling (Engineering)
  - Fire Flow Availability (Fire Departments)
  - Compliance testing (Fire Marshal)
- Backflow Inspections and monitoring of the county testing Contractor
  - Commercial
  - Residential
  - County Owned
- Bulk Water Permitting Program

Irrigation Meter Installs

Irrigation Meter requests are projected to increase 34% in 2022.

- 2020 average was 38 requests per month.
- 2021 average was 69 requests per month.
- 2022 average is 79 requests per month.
- Along with their other duties, the BFC coordinator averages around 55 irrigation meter installations per month This year we have utilized one of our Water Quality Techs and worked overtime to try and offset the numbers.

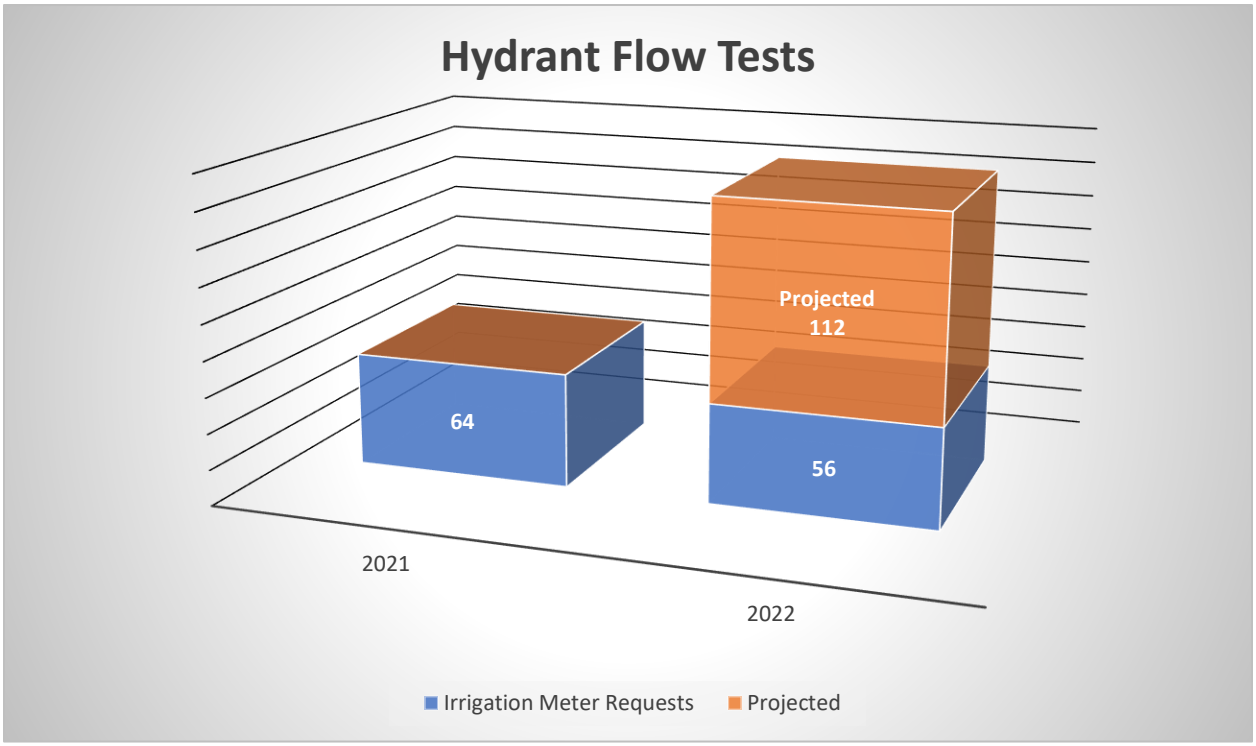


Water Quality Crew

Backflow/ Cross-Connection Coordinator
Hydrant Flow Tests

- Hydrant Flow tests are requested by Engineers, fire departments and fire sprinkler companies for water and fire system design and modeling.
- Flow tests are required for the design of all new waterline additions to our system.
- In 2022 the County's Fire Marshal began requiring a flow test for all new waterline additions before they can be approved and accepted by the county, which doubles the number of tests expected to be performed.
- Flow tests require two employees to perform. One of our Water Quality Tech's, Maintenance Mechanics, or AMI Tech's assists when they are available, but this is not sustainable.

The chart below shows "hydrant flow tests requested" for calendar years 2021 and for the first six months of 2022 along with projections through the end of 2022.



We need at least three more Utilities Mechanic I-III positions in Water Distribution for the Work Order Crew to be able to provide quality, timely service to our customers, builders, contractors, and community.

Request Info	
Type	Budget Amendment
Description	Tap Crew Salary and Equipment
Justification	Board Meeting 09/19/2022-Appropriate net restricted assets of $415,153 for new positions and equipment associated with additional tapping crew positions.
Originator	Tiffany Rogers

Items

Department	Object	Dept Desc	Object Desc	Amount	Incr/Decr	Dr/Cr
619800	399200	Interfund Trans Water Fund	Expendable Net Assets Appropr	415153	Increase	Credit
617180	412100	Water - Construction Division	Salary and Wages-Regular	88509	Increase	Debit
617180	412200	Water - Construction Division	Salary and Wages-Overtime	10905	Increase	Debit
617180	412203	Water - Construction Division	Salary and Wages-Pgr on call	3636	Increase	Debit
617180	418100	Water - Construction Division	FICA	7884	Increase	Debit
617180	418200	Water - Construction Division	Retirement	17684	Increase	Debit
617180	418300	Water - Construction Division	Health Insurance	19240	Increase	Debit
617180	418306	Water - Construction Division	Life Insurance	225	Increase	Debit
617180	418310	Water - Construction Division	Dental Insurance	734	Increase	Debit
617180	418400	Water - Construction Division	Disability and Long-Term Ins	286	Increase	Debit
617180	421200	Water - Construction Division	Uniforms	1382	Increase	Debit

617180	425100	Water - Construction Division	Motor Fuels	14625	Increase	Debit
617180	426002	Water - Construction Division	Departmental Supplies	15000	Increase	Debit
617180	426200	Water - Construction Division	Operating Equip $500 - $4 999	4500	Increase	Debit
617180	426205	Water - Construction Division	Computers - $500 - $4 999	1500	Increase	Debit
617180	432100	Water - Construction Division	Telephone	1080	Increase	Debit
617180	432150	Water - Construction Division	Cell Phone Reimbursement	1463	Increase	Debit
617180	435300	Water - Construction Division	Repair and Maint - Vehicles	1500	Increase	Debit
617180	454000	Water - Construction Division	Cap Outlay-Vehicle on Road	225000	Increase	Debit

Total	
Grand Total:	830306

			Full Year Cost	Recurring No Market Adj.	One-Time	BA for October Implementation		Description
617180	412100	Salary & Wages - Regular	$ 118,012	$ 118,012	$ -	$ 88,509	*	3 Additional FTEs
617180	412200	Salaries & Wages - Overtime	14,539	14,539	-	10,905	*	
617180	412203	Salaries & Wages - Pager on Call	4,847	4,847	-	3,636	*	
617180	418100	FICA	10,511	10,511	-	7,884	*	
617180	418200	Retirement	23,578	23,578	-	17,684	*	
617180	418300	Health Insurance	25,653	25,653	-	19,240	*	
617180	418306	Life Insurance	300	300	-	225	*	
617180	418310	Dental Insurance	978	978	-	734	*	
617180	418400	Disability & Long - Term Ins	381	381	-	286	*	
617180	421200	Uniforms	1,842	1,842	-	1,382	*	
617180	425100	Motor Fuels	19,500	19,500	-	14,625	*	3 Additional Vehicles
617180	426002	Departmental Supplies	15,000	4,000	11,000	15,000		3 Tool Kits - Hand tools, shovels, rakes, probes, metal detector, gauges, etc…
617180	426200	Operating Equip $500 - $4,999	4,500	-	4,500	4,500		3 sets of Meter Programming Equipment
617180	426205	Computers $500 - $4,999	1,500	-	1,500	1,500		3 Workorder Tablets
617180	432100	Telephone	1,440	1,440	-	1,080	*	
617180	432150	Cell Phone Reimbursement	1,950	1,950	-	1,463	*	
617180	435300	Repair and Maint - Vehicles	2,000	2,000	-	1,500	*	
617180	454000	Vehicles On Road	225,000	-	225,000	225,000		3 F-250 Pickups w/work bed (bed liner, strobes, inverter)
			471,531	229,531	242,000	415,153		

* Incremental Cost, 9 months only

Brunswick County Board of Commissioners
ACTION AGENDA ITEM
September 19, 2022

Action Item # X. - 1.
Closed Session

From:
Bob Shaver, County Attorney

Issue/Action Requested:
Request the Board enter closed session pursuant to G.S. 142-318.11(a)(1) to approve closed session minutes, G.S. 142-318.11(a)(3) to consult with the Board's attorney, and G.S. 142-318.11(a)(5) to establish or to instruct the public body's staff or negotiating agents concerning the position to be taken by or on behalf of the public body in negotiating the price and other material terms of a contract or proposed contract for the acquisition of real property by purchase, option, exchange, or lease.

Background/Purpose of Request:

Fiscal Impact:

Approved By County Attorney:
Yes