CURRITUCK COUNTY
NORTH CAROLINA

June 5, 2017
Minutes – Regular Meeting of the Board of Commissioners

WORK SESSION

1. 5:00 PM Inspections Presentation-Change of Use/Building Occupancy

Bill Newns, Chief Building Inspector, presented an informational presentation on use classifications for commercial buildings. He began with a review of his background and experience for newly elected Commissioners and provided information on the duties of the permits and inspections department. Mr. Newns reviewed the ten use classifications categories, how use affects occupancy, and went over the process for making determinations for commercial construction or rehab based on use. He provided related material handouts for Board review. Mr. Newns presented challenges such as code changes and a lack of educational initiatives at the state level. Fire inspection processes and frequencies were discussed.

6:00 PM CALL TO ORDER

The Board of Commissioners met for its regular meeting at 6 PM in the Board Room of the Historic Currituck Courthouse located at 153 Courthouse Road, Currituck, North Carolina.

Attendee Name	Title	Status	Arrived
Bobby Hanig	Chairman	Present	
Mike H. Payment	Vice Chairman	Present	
Paul M. Beaumont	Commissioner	Present	
Mary "Kitty" Etheridge	Commissioner	Absent	
Marion Gilbert	Commissioner	Present	
Mike D. Hall	Commissioner	Present	
Bob White	Commissioner	Present	

Chairman Hanig called the meeting to order.

A) Invocation & Pledge of Allegiance-Reverend Bill Masciangelo, Moyock United Methodist Church

Reverend Bill Masciangelo was not in attendance. Commissioner Beaumont gave the Invocation and led the Pledge of Allegiance.

B) Approval of Agenda

Commissioner Gilbert moved to approve the agenda. The motion was seconded by

Commissioner White and carried unanimously.

Approved Agenda:

Work Session

5:00 PM Inspections Presentation-Change of Use/Building Occupancy

6:00 PM Call to Order

A) Invocation & Pledge of Allegiance-Reverend Bill Masciangelo, Moyock United Methodist Church

B) Approval of Agenda

Public Comment

Please limit comments to matters other than those appearing on this agenda as a Public Hearing. Public comments are limited to 3 minutes.

Public Hearings

A) PB 14-16 Lake View at Currituck, Development Agreement Amendment: Request to amend the development agreement between Currituck County and Lake View Land Development, LLC for property located in Moyock on Survey Road west of the intersection with Caratoke Highway, Tax Map 15, Parcels 83B, 83C, 83D, and 83E and Tax Map 15C, Parcels 1-10, 68-88, and 129-146, and OSC, Moyock Township.

B) PB 13-12 Moyock Commons, Phase 1 Request for a preliminary plat/use permit for a 55 lot residential subdivision located on the westerly terminus of Moyock Commons Drive, behind the Food Lion Shopping Center, Tax Map 15, Parcel 79, Moyock Township.

C) Public Hearing and Possible Action to Adopt the County's Annual Budget for FY 2017-18

New Business

A) Board Appointments

1. Social Services Board-Reappointment
2. Ocean Sands/Crown Point Watershed District Advisory Board

B) Consent Agenda

1. Approval Of Minutes for May 15, 2017
2. Budget Amendments
3. Surplus Resolution-Metal Office Building and Storage Building at

Veterans Park

4. Vehicle Surplus Resolution-Dodge Durango, Animal Services
5. Surplus Resolution-Ambulance
6. Minutes Approval for May 1, 2017-Board of Equalization and Review
7. Knotts Island Convenience Center Lease
8. Economic Improvement Council Lease
9. Request by Crawford VFD Inc. for approval of Capital Purchases.
10. Audit Contract for fiscal year ending June 30, 2017
11.. Funding Plan and Certification for the Juvenile Crime Prevention Council for the fiscal year ending June 30, 2018
12. Trillium Health Resources Quarterly Financial Report
13. Petition for Road Addition to State Maintenance-Cahoon Farms
14. Consideration of Application for Alcohol Use-2017 Knotts Island Peach Festival
15. Regional Solid Waste-Electronics Recycling Revision Request

C) Commissioner's Report

D) County Manager's Report

Special Meeting of the Tourism Development Authority

Public Hearing & Possible Action to Adopt the Tourism Development Authority's Annual Budget for FY 2017-18

Closed Session

Closed Session Pursuant to G.S. 143-318.11(a)(3) to Consult with the County Attorney in Order to Preserve the Attorney-Client Privilege

Adjourn

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Marion Gilbert, Commissioner
SECONDER:	Bob White, Commissioner
AYES:	Bobby Hanig, Chairman, Mike H. Payment, Vice Chairman, Paul M. Beaumont, Commissioner, Marion Gilbert, Commissioner, Mike D. Hall, Commissioner, Bob White, Commissioner
ABSENT:	Mary "Kitty" Etheridge, Commissioner

PUBLIC COMMENT

Please limit comments to matters other than those appearing on this agenda as a Public Hearing. Public comments are limited to 3 minutes.

Chairman Hanig opened the Public Comment period.

Peggy Lusk of B Street, Moyock, spoke of the changes she has observed in the area over 30 years, and what she has learned about the county during her service on the stormwater advisory and land use steering committee pertaining to traffic, land use and future development.

S. Paul O'Neal, Chairman of the Board of Trustees for College of the Albemarle (COA), spoke on behalf of the Trustees and thanked the Board of Commissioners for their support for the College of the Albemarle, touting the success of COA's campus in Currituck County. Mr. O'Neal described the search and interview process undertaken to find a replacement for former COA President, Dr. Kandi Dietemeyer, then introduced the new COA President to the Board.

Dr. Robert Wynegar, President of College of the Albemarle, presented his educational background and prior experience. He provided data related to COA student contributions and information on how community colleges benefit their communities. Commissioner Hall, who serves as a COA Trustee, and the Board of Commissioners welcomed Dr. Wynegar to Currituck and to the College of the Albemarle.

There were no other speakers and the Public Comment period was closed.

PUBLIC HEARINGS

A. PB 14-16 Lake View at Currituck, Development Agreement Amendment:

Ben Woody, Planning and Community Development Director, reviewed the amendment request for the Board. Mr. Woody said both the Technical Review Committee and the Planning Board recommended approval. During presentation, Mr. Woody reviewed the new elevations submitted by Ryan Homes which is the basis of the request for the development agreement amendment.

Aaron VanDyke of Ryan Homes was in attendance. He presented a powerpoint and provided a review of the subdivision plat showing slides comparing the original architecture with the new elevations proposed by Ryan Homes. He described the architectural review committee process to which each house is submitted for review and presented general information about Ryan Homes.

Mr. VanDyke responded to Board questions. He said Ryan Homes is not building townhomes as rumored and four or five different models would be offered at comparable pricing to the original submittal.

Chairman Hanig opened the public hearing.

Gary Warner, President of Franciscus Homes and the Operating Manager of the development said they have had an excellent relationship with Ryan Homes on prior projects and finds them to be an excellent builder. He feels they would well serve the area here.

No one else wished to speak and Chairman Hanig closed the Public Hearing.

Commissioner Payment asked whether he should be excused from voting, as his company will be working on some of the homes in the development. The County Attorney suggested allowing Board members to make the determination whether to recuse him from voting, and after discussion, Commissioner Gilbert made a motion to not recuse Commissioner Payment from making a decision on the amendment. Commissioner Beaumont seconded the motion which passed unanimously, 6-0.

Commissioner Gilbert moved to approve PB 14-16-Lake View at Currituck Development Agreement Amendment. The motion was seconded by Commissioner Beaumont and carried unanimously.

To: Board of Commissioners

From: Planning Staff

Date: June 5, 2017

Subject: PB 14-16 Lake View at Currituck, PUD Development Agreement

James O. Myers, Lake View Land Development, LLC, submitted an application for an amendment to the development agreement between Lake View Land Development, LLC (the "Developer") and Currituck County to modify the building elevation designs for single family dwellings in Lake View at Currituck, PUD off Survey Road in Moyock Township.

The use of a development agreement is authorized in North Carolina General Statutes 153A-379.1 and Currituck County Unified Development Ordinance (UDO), Section 2.4.18; the purpose and intent of a development agreement is to:

1. Encourage comprehensive planning and capital facilities planning;
2. Ensure the provision of adequate public facilities for development;
3. Encourage the efficient use of resources, while providing certainty in the process of obtaining development permits and approvals; and
4. Reduce the economic costs of development by providing greater regulatory certainty.

Background

- County of Currituck (the "County") entered into a development agreement with Survey Road, LLC (the "Developer") on November 25, 2014 to complete the Lake View at Currituck development.
- Typical building elevations were included in Exhibit D of the agreement. The recitals in the agreement indicate the homes constructed should be similar to the elevations provided in the agreement but are not required to be exact.
- The development agreement between the Developer and the County required the Developer to install a new public sewer force main connecting the Lake View at Currituck development to the Moyock Central Sewer System. Phase 1 infrastructure is complete and the sewer mains, pump stations, and appurtenances subject to the development agreement were dedicated to the county upon completion.

- An amendment to the development agreement was recorded June 23, 2016 that permitted 13 additional units and, the agreement was assigned to Lake View Land Development, LLC (the "Developer").

Amendment Request

The request submitted by the "Developer" provides sixteen two-story building elevations that will replace the building elevation exhibit in the recorded agreement. According to the applicant, the building elevations recorded with the 2014 development agreement are outdated and the architecture is proprietary to the builder that was in place at that time.

Attached please find a draft version of the development agreement amendment, a copy of the existing building elevations, the proposed building elevations, and the Architectural Standards Handbook for the Lake View at Currituck Owners Association.

Development Agreement Review Standards

The advisability of a development is a matter committed to the legislative discretion of the Board of Commissioners and is not controlled by any one factor. For consideration of the county to participate in a development agreement, the development subject to the agreement must meet the following:

1. The property subject to the development agreement shall contain 25 acres or more of developable property (exclusive of wetlands, mandatory buffers, unbuildable slopes, and other portions of the property that may be precluded from the property at the time of application).

2. The development shall demonstrate phasing, and participation in the proposed agreement shall not exceed 20 years.

3. The development shall demonstrate the impact on existing and future provisions of capital improvements by the county, including at least one of the following: transportation, potable water, sanitary sewer, solid waste, stormwater management, educational, parks and recreational, and health systems and facilities.

Recommendation

Although this amendment to the development agreement (building elevations) does not specifically address the three review standards outlined in the UDO, the Lake View at Currituck development agreement continues to meet the review standards of the UDO. The TRC recommends **approval** of the amendment because the development agreement is consistent with the Moyock Small Area Plan since the subject property and sewer main extension are located in a Full Service area; is consistent with the Land Use Plan because it focuses sewer service in existing developed areas and in nearby targeted growth areas (POLICY WS3); and the development agreement demonstrates the impact on the future provision of public sewer capital improvements by the county.

Planning Board Recommendation:

May 9, 2017:

Mr. Craddock motioned to approve the amended development agreement since it is consistent with the Moyock Small Area Plan and it is in the public's interest and it will not negatively affect property values in the vicinity.

RESULT: RECOMMENDED APPROVAL [UNANIMOUS]

AYES: Carol Bell, Chairman, C. Shay Ballance, Board Member, Steven Craddock, Board Member, Jane Overstreet, Board Member, J. Timothy Thomas, Board Member

ABSENT: Fred Whiteman, Vice Chairman, John McColley, Board Member, Jeff O'Brien, Board Member

Planning Board Discussion (5/9/2017):

Senior Planner, Donna Voliva presented the Staff Report for the request made by James Myers to amend the development agreement between Lake View Land Development, LLC, and Currituck County to modify the building elevations for single family dwellings in Lake View at Currituck, PUD off

Survey Road in Moyock. The request submitted replaced the previous elevations with sixteen two story building designs which are similar to the previous elevations. According to the applicant, the previous elevations were outdated and the architecture is proprietary to the builder that was in place at the time. Ms. Voliva gave the background information, reviewed the development agreement review standards and gave the Technical Review Committee's recommendation to approve the amendment since the development agreement is consistent with the Moyock Small Area Plan and is consistent with the Land Use Plan for Currituck County.

Eric Shirey, with Ryan Homes, appeared before the board and stated Ryan Homes has the land development for all 150 lots at Lake View at Currituck with 49 of the lots ready for building to begin. He stated the new elevations designs were for upgrading purposes with no cost cutting. The designs submitted in 2014 had garages that were 18-20 feet in width and some would not fit the lot size.

Board members asked Mr. Shirey several questions about the square footage, price points, location of Ryan Homes' Headquarters and foundation of the homes. Mr. Shirey said the square footage of the homes would be similar with some up to 3,000 square feet; the price ranges would a starting price point of $299,000 to $309,000 with upgrades up to $350,000. Ryan Homes is in Chesapeake with 40 employees and is headquartered in Reston, Virginia.

Mr. Shirey said this would be the first community they are building outside of Chesapeake, Virginia. All the homes will be built on slab foundations.

Jim Myers, with Lake View Land Development, LLC, appeared before the board. Mr. Myers said the previous elevations were from a builder they had contracted at the time the development agreement was made in 2014 and these elevations had been used in Isle of Wight County, Virginia. Mr. Myers said they could not use the previous elevations since that builder was no longer working on this project.

Board members agreed the previous elevations were similar to the new elevations. Ms. Voliva said the development agreement stated Lake View Land Development, LLC, had to come to the board when changes are made for approval.

NORTH CAROLINA
COUNTY OF CURRITUCK

DEVELOPMENT AGREEMENT

This Amendment of Development Agreement is made this _____ day of _____, 2017 by and between the County of Currituck, a body politic and political subdivision of the State of North Carolina ("County"), and Lakeview Land Development LLC, a Virginia limited liability company, as assignee from Survey Road, LLC, a North Carolina limited liability company ("Developer").

SECTION ONE
RECITALS

1. Developer and County previously entered into a Development Agreement under date of November 25th, 2014, as amended by that certain amendment dated June 21, 2016, for the development property identified therein as "Tract 1".

2. Pursuant to that certain Assignment of Development Agreement dated June 21, 2016, Survey Road, LLC assigned the Development Agreement to Lake View Land Development, LLC.

3. Pursuant to SECTION 12 therein, the original agreement may be amended by mutual consent of the parties.

4. Developer desires, and County consents, to the amendment hereinafter stated.

NOW, THEREFORE, for and in consideration of the mutual promises subsequently appearing, it is agreed the Development Agreement of November 25th, 2014, as amended, is hereby amended in the following regards, and no other:

AMENDMENT TO SECTION THREE
DEFINITION OF "LAKE VIEW AT CURRITUCK, PUD"
TYPICAL BUILDING ELEVATIONS

The original Exhibit D referred to in Section Three, definition of "Lake View at Currituck, PUD", is hereby replaced with Exhibit D attached hereto and made a part hereof.

EXECUTION

This document having been carefully reviewed by the parties and their counsel, and it being determined such is in accord with applicable law and is in the interest of Developer, County and its citizens, each party does hereby bind itself to the other to carry out the terms herein by the execution of this document in duplicate originals.

PRE-AUDIT CERTIFICATION

This instrument has been pre-audited in the manner required by the Local Government Budget Fiscal Control Act.

By:_____
Finance Officer
Currituck County, North Carolina

IN WITNESS WHEREOF, the parties hereto have caused these presents to be executed on the day and year indicated below:

ATTEST: **COUNTY OF CURRITUCK**

By:_____ By:_____

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Marion Gilbert, Commissioner
SECONDER:	Paul M. Beaumont, Commissioner
AYES:	Bobby Hanig, Chairman, Mike H. Payment, Vice Chairman, Paul M. Beaumont, Commissioner, Marion Gilbert, Commissioner, Mike D. Hall, Commissioner, Bob White, Commissioner
ABSENT:	Mary "Kitty" Etheridge, Commissioner

B. PB 13-12 Moyock Commons, Phase 1

APPLICATION SUMMARY	
Property Owner: Moyock Land Company LLC % Chip Friedman 3500 Virginia Beach Blvd Ste 600 Va Beach VA 23452	**Applicant:** Hassell & Folkes, PC % Stuart Bonnell 325 Volvo Parkway Chesapeake VA 23320
Case Number: PB 13-12	**Application Type:** Preliminary Plat/Use Permit
Parcel Identification Number: 0015-000-0079-0000	**Existing Use:** Cultivated Farmland, Woodlands
Land Use Plan Classification: Full Service	**Parcel Size (Acres):** 27.341

APPLICATION SUMMARY	
Moyock SAP Classification: Full Service	**Type of Subdivision:** Conservation
Number of Units: 55	**Project Density:** 2 units/acre
Required Conservation Area (Acres): 10.94 (40%)	**Provided Conservation Area (Acres):** 11.22 (41%)

On March 17, 2014 the Board of Commissioners approved the conditional rezoning of this property from AG (Agricultural) to C-SFM (Conditional-Single Family Mainland). The conceptual plan (attached) approved as a part of the conditional rezoning allowed for 55 lots and the proposed layout is consistent with this subdivision request.

It should be noted that the applicant held a community meeting for this request on September 27, 2016. A procedural error was made as staff was not invited to attend the meeting; however, staff understands that the meeting was well attended and a summary of the meeting is attached.

It is also important to note that the plat calls out several areas of potential wetlands on the property. The applicant states that the wetland delineation is "currently in process by others". Wetland verification as certified by the US Army Corps of Engineers is required upon preliminary plat submittal. The conceptual plan approved as part of the conditional rezoning indicated the potential wetland size of .08 acres was to be filled. A Nationwide Permit issued by the US Army Corps of Engineers is necessary prior to filling any wetlands. If a fill permit is not issued, the wetland area must be placed into a primary conservation area.

Finally, it is important to note that according to NCDOT Moyock Commons Drive does not meet their Design and Construction Standards and has not been accepted for maintenance. The UDO requires the new subdivision to connect to an improved street that meets NCDOT Design and Construction Standards or one that has been accepted for maintenance by NCDOT. While the existing improved portion of Moyock Commons Drive met the NCDOT Design and Construction Standards at the time of installation, it no longer meets those standards as required by the UDO. Therefore, Moyock Commons Drive in its entirety (approximately 850') must be improved to the current NCDOT Design and Construction Standards or be accepted by NCDOT for maintenance prior to approval of the final plat.

INFRASTRUCTURE	
WATER	PUBLIC
SEWER	PUBLIC
TRANSPORTATION	PEDESTRIAN: 5' CONCRETE SIDEWALK ALONG BOTH SIDES OF ALL STREETS
	EXTERNAL STREET CONNECTIVITY: 3 CONNECTION POINTS
STORMWATER/DRAINAGE	DRAINAGE CONCERNS HAVE BEEN NOTED IN THIS AREA. THE DEVELOPMENT WILL BE CONSTRUCTED AND MAINTAINED SO THAT ADJACENT LANDS ARE NOT UNREASONABLY BURDENED WITH SURFACE WATERS AS A RESULT OF THE DEVELOPMENT. AMONG OTHER THINGS, THE APPLICANT IS PROPOSING IMPROVEMENTS ALONG E STREET INCLUDING A NEW CULVERT UNDER PUDDIN RIDGE ROAD TO INCREASE THE DRAINAGE EFFICIENCY OF DITCH #4 AND SMALL DIAMETER STUB PIPES TO DRAIN DITCHES FROM 189 PUDDING RIDGE ROAD THAT WOULD OTHERWISE BE BLOCKED BY THE PROPOSED POND OUTFALL PIPE.
SCHOOLS	ELEMENTARY STUDENTS GENERATED: 13.75
	MIDDLE SCHOOL STUDENTS GENERATE: 4.4
	HIGH SCHOOL STUDENTS GENERATED: 7.7
DESIGN STANDARDS	PER THE CONDITIONAL REZONING APPROVAL, ALL RESIDENTIAL DWELLINGS SHALL BE CONSTRUCTED EITHER WITH A CRAWL SPACE OR ON RAISED SLABS WITH A FINISHED FLOOR AT LEAST 16" ABOVE THE OUTSIDE GROUND GRADE.
LIGHTING	NONE PROPOSED AT THIS TIME.
LANDSCAPING	THE APPLICANT IS PROPOSING COMPLIANT STREET TREES, A TYPE A BUFFER ALONG THE NORTHERN PROPERTY LINE, AND ADDITIONAL SUPPLEMENTAL VEGETATION.
RECREATION AND PARK AREA DEDICATION	THE COUNTY WILL BE ACCEPTING A FEE-IN-LIEU OF PARKLAND DEDICATION. (APPROXIMATELY $4,720)

RECOMMENDATIONS

TECHNICAL REVIEW COMMITTEE

The Technical Review Committee recommends adoption of the use permit and approval of the preliminary plat subject to the following conditions of approval:

1. The application complies with all applicable review standards of the UDO provided the following items are addressed:
    a. Please provide the wetland delineation approved by the Army Corps of Engineers. If the .08 acres of wetlands are to be filled, a Nationwide Permit issued by the US Army Corps of Engineers is necessary prior to filling any wetlands. (Planning)
    b. Since Moyock Commons Drive does not meet NCDOT Design and Construction Standards and is not under NCDOT maintenance, the entire Moyock Commons Drive (from the subject property line to Caratoke Highway – approximately 850') must be improved to meet current NCDOT Design and Construction Standards OR be accepted by NCDOT for maintenance prior to approval of the final plat. (Planning)
    c. Calculations and details of stormwater, sewer, and water will be reviewed at Construction Drawing submittal. (Engineering)
    d. Provide accessible parking or passenger loading zone at Cluster Mailbox Unit (CMU) location and accessible route to the CMU. (Building Inspector)
2. The applicant demonstrates the proposed use will meet the use permit review standards of the UDO.
3. The conditions of approval necessary to ensure compliance with the review standards of the UDO and to prevent or minimize adverse effects of the development application on surrounding lands include:
    a. Please provide the wetland delineation approved by the Army Corps of Engineers. If the .08 acres of wetlands are to be filled, a Nationwide Permit issued by the US Army Corps of Engineers is necessary prior to filling any wetlands. If a fill permit is not issued, the wetland areas must be placed into a primary conservation area. (Planning)
    b. Since Moyock Commons Drive does not meet NCDOT Design and Construction Standards and is not under NCDOT maintenance, the entire Moyock Commons Drive (from the subject property line to Caratoke Highway – approximately 850') must be improved to meet current NCDOT Design and Construction Standards OR be accepted by NCDOT for maintenance prior to approval of the final plat. (Planning)
    c. That all conditions placed on the property through the conditional rezoning approval are incorporated into this request: (Planning)
        i. Minimum rear yard setback for all residential lots along the perimeter boundary shall be as shown on plan. These setbacks shall apply to all principal uses but shall not apply to fences or accessory structures. In no instance shall setbacks be less than allowed by the UDO.
        ii. Prior to any land disturbing activities within the development, the property owner shall conduct a tree inventory plan as required by Section 7.2 of the UDO. The purpose of said plan shall be to identify the number and location of any heritage trees present and the methods by which they will be preserved.
        iii. That an effort be made to work with the owner of the existing commercial shopping center to extend a sidewalk from the proposed development to the shopping center.
        iv. The property shall be developed in accordance with the Conceptual Development Plan dated December 26, 2013.
        v. On-street parking shall be prohibited by the provision of signage.
        vi. The location of rights-of-way, open space areas, setbacks, and stormwater management areas shall be as generally shown on the approved conceptual development plan.
        vii. The developer agrees that stormwater management for the improvements resulting from this application shall not exceed pre-developed discharge rates as allowed by ordinance. Such improvements shall be identified by means of a preliminary drainage impact study to be provided by the developer and approved by the county prior to submittal of the preliminary subdivision plat. As an alternative, at the developer's discretion, downstream improvements to include ditch regarding and cleaning, piping and the purchase of any required easements for the conveyance of stormwater may be accomplished in accordance with a county approved plan.
        viii. All residential dwellings shall be constructed either with crawl spaces or on raised slabs (finished floor at least 16 inches above outside ground grade).

ix. The use of prefabricated structures or trailers as dwellings shall be strictly prohibited.

SURROUNDING PARCELS		
	LAND USE	ZONING
NORTH	RESIDENTIAL/RETAIL	SFM, AG, GB
SOUTH	RESIDENTIAL	SFM
EAST	ACTIVE FARMLAND/UNDEVELOPED	AG
WEST	RESIDENTIAL	SFM

USE PERMIT REVIEW STANDARDS

A use permit shall be approved on a finding that the applicant demonstrates the proposed use will meet the below requirements. It is staff's opinion that the evidence in the record, prepared in absence of testimony presented at a public hearing, supports the preliminary findings

THE USE WILL NOT ENDANGER THE PUBLIC HEALTH OR SAFETY.

Applicant Findings:

1. **The project would not adversely affect public safety. In compliance with preliminary plat review comments from the Albemarle Regional Health Services approvals for wastewater treatment and disposal from the NC Division of Water Quality (Washington Office) and Moyock Regional Water System would be obtained prior to construction.**
2. **This project would not adversely affect public safety. All state and county approvals would be obtained prior to construction.**

THE USE WILL NOT INJURE THE VALUE OF ADJOINING OR ABUTTING LANDS AND WILL BE IN HARMONY WITH THE AREA IN WHICH IT IS LOCATED.

Applicant Findings:

1. **Moyock Commons will not injure the value of abutting lands and will be in harmony with the area in which it is located.**
2. **Along the west boundary (boundary parallel to Puddin Ridge Road), the proposed development would be bordered by a rural residential unit located within the Moyock Sub-Area which fronts on Puddin Ridge Road. Within Moyock Commons, proposed Lake #1 and a 25-LF wide tree area combine to create an approximate 400-LF wide conservation area buffer against the residential unit.**
3. **Along the north-east boundary (boundary parallel to Route 168), the proposed development would be bordered by various uses consisting of 5-residential lots within the Moyock Sub-Area; and various parcels zoned general business which are used for retail and utility related operations with the Moyock sub-Area. Within Moyock Commons, proposed Lake #2 and a various width Type-A, Landscape Buffer would create a conservation area against the adjacent uses.**
4. **Along the east boundary, Moyock Commons would be bordered by active, agricultural property.**
5. **Along the south-east boundary (boundary parallel to Quail Run Road), the proposed development would be bordered by various uses consisting of dense forest and active, agricultural property. Within Moyock Commons, a Vegetated Farm Buffer is proposed along the active agricultural property.**
6. **Moyock Commons proposed ingress/egress is via extension of existing Moyock Commons Drive. A roadway connection to E Street is not permitted.**

THE USE WILL BE IN CONFORMITY WITH THE LAND USE PLAN OR OTHER OFFICIALLY ADOPTED PLANS.

Applicant Findings:

1. **Moyock Commons would be located within the Moyock Sub-Area. With respect to the Moyock Sub-Area, excerpts from the land use plan follow:**
    a. **The Moyock area is the fastest growing part of Currituck County. Development densities currently range from 1 to 3 units per acre depending upon development type. It is coming under increasing development pressure as a "bedroom community" for the Tidewater Area of Virginia.**
    b. **"…However, in areas where central sewer is proposed or existing, additional services are available and the character of the surrounding areas supports it, higher density ranging from 3-4 units per acre could be considered through the use of overlay zones.**

c. Clustered housing developments with open space required by ordinance will need to be encouraged.

2. For Moyock Commons, the relevant and supportive 2006 Land Use Plan policies are found to be as follows:

a. POLICY HN1: Currituck County shall encourage development to occur at densities appropriate for the location.

b. POLICY HN2: The county shall therefore engage alternatives to large lot developments though innovative development concepts and corresponding zoning techniques.

c. POLIC HN3: Currituck County shall especially encourage two forms of residential development, each with the objective of avoiding traditional suburban sprawl:

i. OPEN SPACE DEVELOPMENTS that cluster homes on less land, preserving permanently dedicated open space and often employ on-site or community sewage treatment. These types of developments are likely to occur primarily in the Conservation, Rural, and to a certain extent the Limited Service areas identified on the Land Use Map.

d. POLICY HN8: To protect the county's tax base and to ensure the long-term viability of the county's neighborhoods and housing stock, the county will continue to enforce appropriate CONSTRUCTION AND SITE DEVELOPMENT STANDARDS for residential developments. Such standards may include, for example, that all homes have a permanent masonry foundation (except where flood levels require elevation) and a pitched roof and overhang, and that local roads must be built to meet NCDOT acceptance standards.

e. POLICY TR8: Local streets shall be designed and built to allow for convenient CIRCULATION WITHIN AND BETWEEN NEIGHBORHOODS and to encourage mobility by pedestrians and bicyclists. Care shall be taken to encourage local street "connectivity" without creating opportunities for cut-through traffic from outside the connected areas

f. POLICY TR12: New residential developments shall provide for the installation of PAVED PUBLIC ROADWAY AND DRAINAGE INFRASTRUCTURE at the time of development. This policy is intended to prevent the creation of substandard developments that must later correct for infrastructure problems that could have been avoided, had they been installed properly from the beginning.

g. POLICY WS3: Currituck County endorses UTILITIES EXTENSION POLICIES that focus water and sewer services (1) within existing developed areas and in nearby targeted growth areas identified as Full Service and Limited Service areas, (2) where development densities would make the provision of all public services more efficient, (3) where the land is particularly well suited for development, and (4) away from environmentally sensitive areas.

h. POLICY PR6: All new residential development shall provide for ADEQUATE OPEN SPACE AND RECREATION IMPROVEMENTS including, as may be appropriate, funding in proportion to the demand created by the development. The amount of open space and improvements may be determined according to the number of dwelling units in the development and/or by a percentage of the total acreage in the development. Fees in lieu of land dedication shall be based on the inflation adjusted assessed value of the development or subdivision for property tax purposes.

i. POLICY WQ3: Currituck County supports policies, plans, and actions that help protect the water quality of the county's estuarine system by preventing SOIL EROSION AND SEDIMENTATION, and by controlling the quantity and quality of STORMWATER RUNOFF entering the estuary.

j. POLICY WQ4: RUNOFF AND DRAINAGE from development, forestry, and agricultural activities shall be of a quality and quantity as near to natural conditions as possible. Post-development runoff shall not exceed pre-development volumes.

k. POLICY WQ5: Development that preserves the NATURAL FEATURES OF THE SITE, including existing topography and significant existing vegetation, shall be encouraged. If COASTAL AND NON-COASTAL WETLANDS are considered part of the lot's acreage for the purpose of determining minimum lot size or development density, Low Impact Development techniques or appropriate buffers shall be integrated into the development. Open space developments shall be encouraged to REDUCE IMPERVIOUS SURFACE AREAS associated with new development and redevelopment.

l. POLICY WQ7: The environmental benefits of properly designed, VEGETATED ROADSIDE DRAINAGE SWALES shall be recognized. Curb and gutter shall be reserved to developments that are urban in character and that are served by adequate stormwater collection, retention, and slow release facilities.

m. POLICY CA6: To foster an improved community appearance, promote public safety, and help prevent service outages, the placement of UTILITY WIRES UNDERGROUND shall be encouraged in all public and private developments.

Preliminary Staff Findings

1. **The plan is consistent with policies in the Moyock Small Area Plan including:**
   a. **POLICY FLU1: Promote compatibility between new development and existing development to avoid adverse impacts to the existing community. This is achieved through design, and includes larger setbacks, landscaped or forested strips, transition zones, fencing, screening, density and/or bulk step downs, or other architectural and site planning measures that encourage harmony.**

THE USE WILL NOT EXCEED THE COUNTY'S ABILITY TO PROVIDE ADEQUATE PUBLIC FACILITIES, INCLUDING, BUT NOT LIMITED TO: SCHOOLS, FIRE AND RESCUE, LAW ENFORCEMENT, AND OTHER COUNTY FACILITIES. APPLICABLE STATE STANDARDS AND GUIDELINES SHALL BE FOLLOWED FOR DETERMINING WHEN PUBLIC FACILITIES ARE ADEQUATE.

Applicant Findings:

1. **Currituck County has adequate public facilities to serve the proposed subdivision.**

Planning Board Meeting Discussion – May 9, 2017

Moyock Service District Maintenance Assessment for Ditches 1-6 Presentation

Senior Planner, Tammy Glave briefed the Planning Board Members on tonight's added discussion of Moyock drainage. A planned subdivision, Moyock Commons, had previously been heard at the Board of Commissioners Meeting on March 20, 2017 for a Use Permit. During this time, a drainage report for the Moyock Service District was in the process of being prepared and the Board of Commissioners remanded Moyock Common's request until the drainage report was finished and could go through the proper procedures of discussion by the Planning Board and then a resolution by the Board of Commissioners. Ms. Glave introduced Eric Weatherly, Engineer with Currituck County, to present the Moyock Service District Draft Prioritized Maintenance Assessment for Ditches 1 through 6.

Mr. Weatherly started his presentation by explaining the Moyock Watershed District and the drainage study that had been prepared by the County. He also explained the location of the ditches 1 through 6 within the Moyock Watershed District. He said the study has nineteen items needing to be addressed which are listed in priority order on the maintenance assessment. The Moyock Watershed Service District currently pays an additional district tax rate of 1 and 1/2 cents per $100 valuation. Mr. Weatherly said this rate is barely enough to keep the ditches cleaned out from fallen trees. The County will have to raise the additional district tax rate to 5 cents per $100 valuation in order to pay for the cost of the needed improvements for ditches 1 through 6 which will take three years of the additional taxes for the cost to be completely covered. This was presented at the Board of Commissioners last budget session. Mr. Weatherly referenced priority #5 which relates to Moyock Commons and will cost $21,300. Mr. Weatherly said there is no reason we should not turn the drainage study down. It will improve the problems we have with drainage in this area.

Mr. Craddock asked if any special permits will be needed such as CAMA or Army Corps of Engineers. Mr. Weatherly said he did not believe it will. Ms. Glave stated since these are not navigable waters, no special permits should be needed.

Discussion was held on whether the additional tax rate would continue past the three year period, if the improvements would be a permanent fix, and when the improvements will begin, if approved. Mr. Weatherly said the Board of Commissioners could reverse the tax after a three year period, but the improvements would not be a permanent fix and the ditches would need continual maintenance. The improvements could begin as early as July 1, 2017, if the additional tax is approved by the Board of Commissioners for the next fiscal year.

Chairman Bell thanked Mr. Weatherly for his presentation and closed the discussion.



Parties were sworn and after review, Planning and Community Development Director, Ben Woody, responded to questions and provided clarification for Board members. Discussion concerned necessary right of way upgrades and future maintenance of Moyock Commons Drive, the access road. Mr. Woody said the developer would more than likely have to bear the cost of the upgrades to Moyock Commons Drive, and assumed the developer's goal would be to have the North Carolina Department of Transportation (NCDOT) assume the road maintenance in the future. Mr. Woody said NCDOT forwarded no comments after their project review, signaling they had no concerns related to traffic or access. County Attorney, Ike McRee, reviewed a property owner's ability to utilize a publicly dedicated road to access property. Mr. Woody said adequate fire flows would be present.

Applicant's representative, Mr. Stuart Bonnell, was present to respond to questions. Mr. Bonnell said he was not aware of any developer conversations with NCDOT regarding the road upgrades.

Chairman Hanig opened the Public Hearing.

Peggy Lusk of B Street, Moyock, spoke against approval of the project, citing drainage concerns and traffic. She asked that drainage and stormwater studies currently underway be given consideration. Ms. Lusk said the project is not condusive to improving residents' quality of life.

Judy Pinney of Puddin Ridge Road also spoke against the project, citing traffic and drainage concerns.

There were no others wanting to speak. Chairman Hanig closed the Public Hearing.

Mr. Woody said he could not answer who would be responsible for maintaining ditching down the line, but it would not be the developer of this project, and that perhaps maintenance could be included in the capital projects list of the stormwater district advisory. County Engineer, Eric Weatherly, was sworn in to offer information on drainage, and he described a decommissioned wastewater plant that would be able to be put back into service if needed. He reviewed locations of existing stormwater ponds, described the area drainage processes and noted a stormwater study had identified needed improvements. Once completed, he believes flooding relief will be recognized. Mr. Woody said the Unified Development Ordinance (UDO) drainage requirements have been met and Mr. Weatherly responded to questions about the existing wastewater ponds. The stormwater ordinance and on site stormwater retention were discussed.

Commissioner Gilbert, based on the evidence presented in the matter, moved to postpone PB 13-12 for a final decision so that county staff can be directed and prepare a written order for review and entry by the Board at its June 19, 2017, meeting. Commissioner White seconded the motion.

Commissioner Gilbert restated the motion for clarity, and Mr. McRee confirmed language would be written as a draft order for approval, with requisite findings of fact, conclusions of law and conditions as presented.

The motion passed unanimously.

RESULT:	**CONTINUED [UNANIMOUS]**	**Next: 6/19/2017 6:00 PM**
MOVER:	Marion Gilbert, Commissioner	
SECONDER:	Bob White, Commissioner	
AYES:	Bobby Hanig, Chairman, Mike H. Payment, Vice Chairman, Paul M. Beaumont, Commissioner, Marion Gilbert, Commissioner, Mike D. Hall, Commissioner, Bob White, Commissioner	
ABSENT:	Mary "Kitty" Etheridge, Commissioner	

C. Public Hearing and Possible Action to Adopt the County's Annual Budget for FY 2017-18

Chairman Hanig opened the floor for discussion, and Commissioner Hall expressed concerns about the historic boats and boat display building at Whalehead and the multi-use path in Corolla. Chairman Hanig said the boat building funding is a placeholder, which would need further approval. Dan Scanlon, County Manager, said some of the boats have been restored and said Board action would be required to move forward with the project. He said the intent of the building is to have public restrooms, boat storage and display, demonstrations, and a small meeting or classroom. Mr. Scanlon described the focus of the Connecting Corolla plan and reviewed items slated for funding in this budget.

Chairman Hanig thanked Mr. Scanlon and staff for their work in putting together this year's budget.

Chairman Hanig opened and closed the Public Hearing, as no one was signed up nor wished to speak.

Commissioner Hall moved to continue the item to the June 19, 2017 meeting to allow all Commissioners to be present. The motion was seconded by Commissioner White.

Chairman Hanig said he had spoken with Commissioner Etheridge who indicated she had no issues with the budget.

Commissioners Hall, White and Payment voted in favor of the motion to continue. Chairman Hanig and Commissioners Beaumont and Gilbert voted against the continuance. The vote resulted in a 3-3 tie and did not pass.

Commissioner Beaumont moved for approval of the budget as presented. Commissioner Gilbert seconded and the motion carried 5-1, with Commissioner Hall voting against.

COUNTY OF CURRITUCK		
BUDGET ORDINANCE		
For the Year Ending June 30, 2018		
BE IT ORDAINED by the Board of Commissioners, County of Currituck, North Carolina that the following estimated resources, appropriations, and memoranda are adopted for the fiscal year commencing July 1, 2017 and ending June 30, 2018.		
SECTION 1. GENERAL FUND		
A. Estimated Resources:		
Ad Valorem Taxes		$ 28,853,013
Other Taxes and Licenses		6,010,100
Intergovernmental Revenues		3,348,628
Permits and Fees		2,206,257
Sales and Services		634,682
Investment Earnings		90,750
Miscellaneous		334,000
		41,477,430
Transfers In		7,935,178
Fund Balance Appropriated		2,762,123
		10,697,301
TOTAL ESTIMATED RESOURCES		$ 52,174,731

B. Appropriations:		
Administration	$	693,572
Legal		468,385
Governing Body		170,647
Elections		278,383
Finance		525,521
Information Technology Services		706,934
Human Resources		159,156
Tax		567,784
Public Works		1,327,775
Register of Deeds		708,856
Court Facilities		205,254
Agency Appropriations		38,200
Central Services		730,565
Sheriff		7,179,092
Detention Center		2,270,478
Animal Control		687,092
Jury Commission		3,000
Emergency Medical Services		6,982,249
Emergency Management		209,399
Communications		1,124,804
Inspections		828,775
Fire Services		299,804
Moyock Vol Fire Department		248,000
Crawford Vol Fire Department		331,458
Lower Currituck Vol Fire Department		344,257
Corolla Vol Fire & Rescue Squad		308,900
Carova Bch Vol Fire Department		214,620
Knotts Island Vol Fire Department		215,250
Medical Examiner		20,000
Airport		362,379
Inter County Transit Authority		62,144
Soil Conservation		139,021
Forestry		80,264
Cooperative Extension		556,957
Economic Development		366,011
Planning		831,558
Health Administration		127,000
Mental Health		61,012
Social Services Administration		3,498,579
Public Assistance		1,354,966
County Assistance		145,623
Juvenile Justice Programs		104,417
Parks & Recreation		882,698
Rural Center		259,437
Library		583,240
Senior Center		360,456
Local Current Expense		9,976,717
Capital Outlay		1,000,000
College of the Albemarle		190,000
Notes Payable		1,576,671
Interest		79,101
Appropriations to Other Funds		1,728,270
TOTAL APPROPRIATIONS	$	52,174,731
SECTION 2. TOURISM DEVELOPMENT AUTHORITY		
A. Estimated Resources:		
Other taxes and licenses		10,506,169
Other revenues		196,300
Investment earnings		87,633
TOTAL ESTIMATED RESOURCES	$	10,790,102
B. Appropriations:		
Tourism Promotion		3,484,041
Tourism Related Expenditures		
General Tourism Related Expenditures		2,393,358
Whalehead		733,369
Transfers to other funds		4,179,334
TOTAL APPROPRIATIONS	$	10,790,102
SECTION 3. REVALUATION FUND		
A. Estimated Resources:		
Transfer In		121,000
TOTAL ESTIMATED RESOURCES	$	121,000
B. Appropriations:		
Operations		121,000
TOTAL APPROPRIATIONS	$	121,000
SECTION 4. CAROVA BEACH SERVICE DISTRICT FUND		
A. Estimated Resources:		
Permits and fees		16,000
Transfer In		20,000
TOTAL ESTIMATED RESOURCES	$	36,000
B. Appropriations:		
Operations		36,000
TOTAL APPROPRIATIONS	$	36,000

SECTION 5. EMERGENCY EQUIPMENT REPLACEMENT FUND		
A. Estimated Resources:		
Investment earnings		2,500
Transfer In		267,000
Fund Balance Appropriated		388,328
TOTAL ESTIMATED RESOURCES	$	657,828
B. Appropriations:		
Capital Outlay		657,828
TOTAL APPROPRIATIONS	$	657,828
SECTION 6. EMERGENCY TELEPHONE SYSTEM FUND		
A. Estimated Resources:		
Other taxes and licenses		196,441
Investment earnings		2,400
Fund Balance Appropriated		13,274
TOTAL ESTIMATED RESOURCES	$	212,115
B. Appropriations:		
Operations		172,115
Capital Outlay		40,000
TOTAL APPROPRIATIONS	$	212,115
SECTION 7. GUINEA MILL WATERSHED IMPROVEMENT FUND		
A. Estimated Resources:		
Special district taxes		15,261
TOTAL ESTIMATED RESOURCES	$	15,261
B. Appropriations:		
Operations		15,261
TOTAL APPROPRIATIONS	$	15,261
SECTION 8. HOG BRIDGE DITCH WATERSHED IMPROVEMENT FUND		
A. Estimated Resources:		
Special district taxes		1,841
TOTAL ESTIMATED RESOURCES	$	1,841
B. Appropriations:		
Operations		1,841
TOTAL APPROPRIATIONS	$	1,841
SECTION 9. MOYOCK WATERSHED IMPROVEMENT FUND		
A. Estimated Resources:		
Special district taxes		18,751
TOTAL ESTIMATED RESOURCES	$	18,751
B. Appropriations:		
Operations		18,751
TOTAL APPROPRIATIONS	$	18,751

SECTION 10. NORTHWEST WATERSHED IMPROVEMENT FUND		
A. Estimated Resources:		
Special district taxes		3,005
TOTAL ESTIMATED RESOURCES	$	3,005
B. Appropriations:		
Operations		3,005
TOTAL APPROPRIATIONS	$	3,005
SECTION 11. OCEAN SANDS NORTH & CROWN POINT WATERSHED IMPROVEMENT FUND		
A. Estimated Resources:		
Special district taxes		292,133
TOTAL ESTIMATED RESOURCES	$	292,133
B. Appropriations:		
Operations		292,133
TOTAL APPROPRIATIONS	$	292,133
SECTION 12. WHALEHEAD WATERSHED IMPROVEMENT FUND		
A. Estimated Resources:		
Special district taxes		884,886
TOTAL ESTIMATED RESOURCES	$	884,886
B. Appropriations:		
Operations		228,762
Transfers to other funds		656,124
TOTAL APPROPRIATIONS	$	884,886
SECTION 13. WHALEHEAD BEACH SOLID WASTE COLLECTION & DISPOSAL SERVICE DISTRICT		
A. Estimated Resources:		
Special district taxes		114,179
TOTAL ESTIMATED RESOURCES	$	114,179
B. Appropriations:		
Operations		114,179
TOTAL APPROPRIATIONS	$	114,179
SECTION 14. CAPITAL IMPROVEMENT FUND		
A. Estimated Resources:		
Other taxes and licenses		2,000,000
Fund Balance Appropriated		1,399,649
TOTAL ESTIMATED RESOURCES	$	3,399,649
B. Appropriations:		
Transfers out		3,399,649
TOTAL APPROPRIATIONS	$	3,399,649

SECTION 15. SCHOOL CAPITAL FUND		
A. Estimated Resources:		
Other taxes and licenses		1,974,770
Fund Balance Appropriated		1,775,230
TOTAL ESTIMATED RESOURCES	$	3,750,000
B. Appropriations:		
Transfers out		3,750,000
TOTAL APPROPRIATIONS	$	3,750,000
SECTION 16. TRANSFER TAX CAPITAL FUND		
A. Estimated Resources:		
Other taxes and licenses		3,000,000
Investment earnings		50,000
Appropriated fund balance		3,750,700
TOTAL ESTIMATED RESOURCES	$	6,800,700
B. Appropriations:		
Operations		700
Transfers out		6,800,000
TOTAL APPROPRIATIONS	$	6,800,700
SECTION 17. LAND BANKING FUND		
A. Estimated Resources:		
Transfers in		200,000
TOTAL ESTIMATED RESOURCES	$	200,000
B. Appropriations:		
Capital outlay		200,000
TOTAL APPROPRIATIONS	$	200,000
SECTION 18. OCEAN SANDS WATER AND SEWER FUND		
A. Estimated Resources:		
Special district taxes		454,010
Operating revenues		1,341,214
Investment earnings		15,000
Retained Earnings Appropriated		44,401
TOTAL ESTIMATED RESOURCES	$	1,854,625
B. Appropriations:		
Administration		77,617
Water Treatment Operations		651,930
Sewer Treatment Operations		415,060
Capital outlay		212,000
Debt Service		313,443
Transfer out to Construction Fund		184,575
TOTAL APPROPRIATIONS	$	1,854,625

SECTION 19. MAINLAND WATER FUND		
A. Estimated Resources:		
Operating revenues		3,050,050
Investment earnings		20,982
TOTAL ESTIMATED RESOURCES	$	3,071,032
B. Appropriations:		
Administration		403,839
Water Treatment Operations		988,984
Debt Service		1,454,084
Capital Outlay		224,125
TOTAL APPROPRIATIONS	$	3,071,032
SECTION 20. SOLID WASTE FUND		
A. Estimated Resources:		
Operating revenues		2,814,500
Non-operating revenues		130,000
Transfers in		1,200,000
Investment earnings		30,000
Retained earnings appropriated		379,718
TOTAL ESTIMATED RESOURCES	$	4,554,218
B. Appropriations:		
Administration		67,826
Solid Waste Operations		4,479,392
Capital Outlay		7,000
TOTAL APPROPRIATIONS	$	4,554,218
SECTION 21. SOUTHERN OUTER BANKS WATER FUND		
A. Estimated Resources:		
Operating revenues		3,233,500
Non-operating revenues		173,025
Investment earnings		14,737
TOTAL ESTIMATED RESOURCES	$	3,421,262
B. Appropriations:		
Administration		186,424
Water Operations		1,141,824
Capital assets		1,157,036
Debt service		935,978
	$	3,421,262
SECTION 22. MAINLAND SEWER FUND		
A. Estimated Resources:		
Operating revenues		523,350
Transfers - in		240,270
TOTAL ESTIMATED RESOURCES	$	763,620
B. Appropriations:		
Administration		39,992
Sewer Operations		473,398
Debt service		234,230
Capital assets		16,000
	$	763,620

SECTION 23. POST-EMPLOYMENT RETIREMENT BENEFITS FUND

A. Estimated Resources:

Retiree benefits	458,405
Investment earnings	8,000
TOTAL ESTIMATED RESOURCES	$ 466,405

B. Appropriations:

Operations	466,405
	$ 466,405

SECTION 24. AD VALOREM TAX RATE ESTABLISHED

There is hereby levied a tax rate of Forty-Eight cents ($0.48) per One Hundred dollars ($100) valuation of all real and personal property situated in the County of Currituck on January 1, 2017 for the purpose of raising the revenue listed as "Ad Valorem Taxes" in Section 1, Part A of this ordinance.

The rate of tax is based on estimated total valuation of property for the purpose of taxation of $6,060,512,926 and an estimated rate of collection of 98.84%. The estimated rate of collection is based on the fiscal year ended June 30, 2016.

SECTION 25. SPECIAL DISTRICT TAX RATES ESTABLISHED

There is hereby levied tax rates (in cents) for Special Districts per One Hundred dollars ($100) valuation of all real and personal property situated in said district on January 1, 2016 for the purpose of raising the revenue listed as "Special District Taxes" in Part A, Sections 6 through 11, Section 16 and Section 21 of this ordinance.

Guinea Mill Watershed Improvement District	0.010
Hog Bridge Ditch Watershed Improvement District	0.010
Moyock Watershed Improvement District	0.015
Northwest Watershed Improvement District	0.020
Ocean Sands North and Crown Point Watershed Improvement District	0.060
Whalehead Watershed Improvement District	0.155
Whalehead Beach Solid Waste Collection & Disposal Service District	0.020
Ocean Sands Water & Sewer District	0.110

SECTION 26. ANIMAL TAX RATE ESTABLISHED

There is hereby levied an animal tax of Three dollars ($3.00) for all male and spayed female dogs and Six dollars ($6.00) for all fertile female dogs listed for taxes as of January 1, 2017.

SECTION 27. SOLID WASTE COLLECTION AND DISPOSAL RATE ESTABLISHED

There is hereby established a disposal fee pursuant to Section 11-5(a) of the Solid Waste Ordinance of Seventy-three dollars ($73.00) per ton for in-County waste and Eighty-three dollars ($83.00) per ton for out-of-County waste.

There is hereby levied an annual solid waste collection and disposal availability fee pursuant to Section 11-5(b) of the Solid Waste Ordinance of Two Hundred Fifty dollars ($250) for all units on the Southern Outer Banks and One Hundred Fourteen dollars ($114) for all units located elsewhere within the County of Currituck.

SECTION 28. EMPLOYEE COMPENSATION

Employee compensation is included in summary form. Individual employee salaries are hereby approved and set as presented in the supporting documents presented as part of the budget deliberation process and officially filed with the Human Resources Director.

SECTION 29. OTHER FEES

The County of Currituck charges various fees. These fees are detailed in the Master Fee schedule that is presented in the appendix of the budget document.

SECTION 30. DISBURSEMENT OF SCHOOL APPROPRIATIONS

The amount here within appropriated as School Local Current Expense shall be disbursed to the school finance officer in twelve (12) equal monthly installments.

The amount here within appropriated as School Capital Outlay shall be disbursed to the school finance officer according to a mutually agreed disbursing schedule.

A quarterly progress report shall be furnished by the Board of Education to the Board of Commissioners detailing the extent to which all school capital outlay and school capital construction monies have been expended.

SECTION 31. SPECIAL APPROPRIATIONS AND RESTRICTIONS

The Budget Officer is hereby authorized to transfer appropriations within the funds as contained herein under the following conditions:

a. He may transfer amounts within the same department within the same fund up to Ten Thousand dollars ($10,000) providing an official report on such transfers at a regular meeting of the Board of Commissioners.

b. He may transfer amounts between departments within the same fund up to One Thousand dollars ($1,000) providing an official report on such transfers at a regular meeting of the Board of Commissioners.

c. He may appropriate fund balance to salaries and benefits in order to increase salaries of employees who have met requirements to increase certifications required by the County providing an official report on such transfers at a regular meeting of the Board of Commissioners.

d. He may make inter-fund loans for a period of not more than sixty (60) days.

e. He may not transfer any amounts between funds or from any contingency line items within any funds.

SECTION 32. CONTRACTUAL OBLIGATIONS

The County Manager and the County Attorney are hereby authorized to execute contractual documents under the following conditions:

a. They may execute contracts for construction or repair projects which do not require formal competitive bid procedures.

b. They may award contracts, reject bids, re-advertise for bids, waive bid bonds or bid deposit requirements, and waive performance and payment bond requirements for all formal bids of apparatus, supplies, materials and equipment as stated in G. S. 143-129.

c. They may execute contracts for (1) purchases of apparatus, supplies, and materials, or equipment which are within the budgeted departmental appropriations; (2) leases of personal property for a duration of one year or less and within budgeted departmental appropriations; and (3) services which are within budgeted departmental appropriations.

d. They may execute grant agreements to and from public and non-profit organizations which are within budgeted appropriations, unless a grantor organization requires execution by the Board of Commissioners.

e. They may execute contracts, as the lessor or lessee of real property, which are of a duration of one year or less which are within the budgeted departmental appropriations.

SECTION 33. MEMORANDA

A. Officers:
Daniel F. Scanlon II is the Budget Officer
Leeann Walton is the Clerk to the Board
Eileen M. Wirth is the Deputy Clerk to the Board
Sandra L. Hill is the Finance Director
Bridget T. Brinkley is the Deputy Finance Director
Tracy L. Sample is the Tax Collector
Michelle Rose is the Deputy Tax Collector

B. Facsimile Signatures:

The use of facsimile signature machines, signature stamps, or similar devices in signing checks and drafts is hereby authorized; however, off-line checks and pre-audit certification requires in the minimum of one original authorizing signature. The Finance Director is hereby charged with the custody of all facsimile stamps, plates or other devices.

C. Official Depositories
The official depositories of the County of Currituck are:
Bank of America, North Carolina
Branch Bank and Trust, North Carolina
North Carolina Cash Management Trust, Charlotte, North Carolina
Towne Bank of Currituck, North Carolina
Yadkin Bank, Currituck, North Carolina
Wells Fargo, North Carolina

D. Bank for Imprest Expenditure Accounts for Health Benefits:
Citibank, N.A.

E. Daily deposits are required by all departments when the amount of money held on had sums to Two Hundred Fifty dollars ($250).

F. Returned Check or Electronic Funds Transfer Fees:

The County will assess a returned check charge consistent with G.S. 25-3-512 on all checks or electronic funds transfers returned to the County due to insufficient or unavailable funds, except for the payment of taxes. The returned check fee will be $25.00 per item returned. This fee will also be charged for ACH or credit card transactions that are not paid due to insufficient funds.

G. Policy on Appropriations:

The Board of County Commissioners will not consider supplemental appropriations for any service, function, purpose or activity that could have been reasonably considered during the budget process.

SECTION 34. USE OF BUDGET ORDINANCE

The Budget Officer and the Finance Director shall use this budget ordinance for administration of the budget and for the accounting system.

ADOPTED this 5th day of June 2017.

Bobby Hanig, Chairman
Board of Commissioners

ATTEST:

Leeann Walton
Leeann Walton
Clerk to the Board

RESULT:	**APPROVED [5 TO 1]**
MOVER:	Paul M. Beaumont, Commissioner
SECONDER:	Marion Gilbert, Commissioner
AYES:	Bobby Hanig, Chairman, Mike H. Payment, Vice Chairman, Paul M. Beaumont, Commissioner, Marion Gilbert, Commissioner, Bob White, Commissioner
NAYS:	Mike D. Hall, Commissioner
ABSENT:	Mary "Kitty" Etheridge, Commissioner

NEW BUSINESS

A) Board Appointments

1. Social Services Board-Reappointment

Chairman Hanig moved to approve Margaret Etheridge for reappointment to the Social Services Board. Commissioner Payment seconded and the motion passed unanimously.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Bobby Hanig, Chairman
SECONDER:	Mike H. Payment, Vice Chairman
AYES:	Bobby Hanig, Chairman, Mike H. Payment, Vice Chairman, Paul M. Beaumont, Commissioner, Marion Gilbert, Commissioner, Mike D. Hall, Commissioner, Bob White, Commissioner
ABSENT:	Mary "Kitty" Etheridge, Commissioner

2. Ocean Sands/Crown Point Watershed District Advisory Board

Chairman Hanig moved for the reappointment of Linda Garczynski, Al Marzetti, and Ed Pence to the Ocean Sands/Crown Point Watershed Advisory. Commissioner Gilbert seconded and the motion passed unanimously.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Bobby Hanig, Chairman
SECONDER:	Marion Gilbert, Commissioner
AYES:	Bobby Hanig, Chairman, Mike H. Payment, Vice Chairman, Paul M. Beaumont, Commissioner, Marion Gilbert, Commissioner, Mike D. Hall, Commissioner, Bob White, Commissioner
ABSENT:	Mary "Kitty" Etheridge, Commissioner

3) Game Commission-Added Item

1. Motion to reappoint Curtis Austin to the Game Commission

Commissioner Hall added an appointment to the Game Commission and moved to reappoint Curtis Austin. Commissioner Gilbert seconded and the motion

carried unanimously.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Mike D. Hall, Commissioner
SECONDER:	Marion Gilbert, Commissioner
AYES:	Bobby Hanig, Chairman, Mike H. Payment, Vice Chairman, Paul M. Beaumont, Commissioner, Marion Gilbert, Commissioner, Mike D. Hall, Commissioner, Bob White, Commissioner
ABSENT:	Mary "Kitty" Etheridge, Commissioner

B) Consent Agenda

Commissioner Gilbert moved to approve the Consent Agenda. The motion was seconded by Commissioner Payment and passed unanimously.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Marion Gilbert, Commissioner
SECONDER:	Mike H. Payment, Vice Chairman
AYES:	Bobby Hanig, Chairman, Mike H. Payment, Vice Chairman, Paul M. Beaumont, Commissioner, Marion Gilbert, Commissioner, Mike D. Hall, Commissioner, Bob White, Commissioner
ABSENT:	Mary "Kitty" Etheridge, Commissioner

1) Approval Of Minutes for May 15, 2017

1. Minutes for May 15, 2017

2. Budget Amendments

		Debit	Credit
		Decrease Revenue or	Increase Revenue or
Account Number	Account Description	Increase Expense	Decrease Expense
10415-553000	Dues & Subscriptions		$ 800
10415-514000	Travel		$ 1,000
10415-532000	Supplies	$ 1,800	
		$ 1,800	$ 1,800
Explanation:	Legal (10415) - Transfer budgeted funds for unanticipated copies required for current litigation and public records requests.		
Net Budget Effect:	Operating Fund (10) - No change.		

		Debit	Credit
		Decrease Revenue or	Increase Revenue or
Account Number	Account Description	Increase Expense	Decrease Expense
10550-516000	Repairs and Maintanance	$ 2,500	
10550-545000	Contracted Services	$ 2,500	
10550-590000	Capital Outlay		$ 5,000
		$ 5,000	$ 5,000
Explanation:	Airport (10550) - Transfer funds for additional equipment repairs and storm damage.		
Net Budget Effect:	Operating Fund (10) - No change.		

		Debit	Credit
		Decrease Revenue or	Increase Revenue or
Account Number	Account Description	Increase Expense	Decrease Expense
10530-533900	Ambulance Supplies		$ 12,000
10530-590000	Capital Outlay	$ 12,000	
		$ 12,000	$ 12,000
Explanation:	Emergency Medical Services (10530) - Transfer funds for McGrath Laryngoscope devices to equip ambulances.		
Net Budget Effect:	Operating Fund (10) - No change.		

		Debit	Credit
Account Number	Account Description	Decrease Revenue or Increase Expense	Increase Revenue or Decrease Expense
10410-506000	Insurance Expense		$ 95
10410-514500	Training & Education	$ 95	
10441-506000	Insurance Expense		$ 274
10441-553000	Dues & Subscriptions	$ 274	
10512-506000	Insurance Expense		$ 350
10512-511010	Data Transmission	$ 350	
10530-506000	Insurance Expense		$ 150
10530-514500	Training & Education	$ 150	
10540-506000	Insurance Expense		$ 5
10540-561000	Professional Services	$ 5	
10550-514000	Travel		$ 269
10550-516400	Equipment Maintenance	$ 226	
10550-532000	Supplies	$ 43	
10775-506000	Insurance Expense		$ 11
10775-553000	Dues & Subscriptions	$ 11	
10980-545000	Contract Services		$ 29
10980-590000	Capital Outlay	$ 29	
61818-506000	Insurance Expense		$ 2,650
61818-511010	Data Transmission	$ 650	
61818-533800	Chemicals	$ 2,000	
64848-511000	Telephone & Postage		$ 66
64848-516000	Repairs & Maintenance	$ 66	
66868-545000	Contract Services	$ 2,000	
66868-545000	Insurance Expense		$ 2,000
67878-513000	Utilities		$ 1,300
67878-553000	Dues & Subscriptions	$ 1,300	
68888-516000	Repairs & Maintenance	$ 329	
68888-532000	Supplies		$ 330
68888-557100	Software License Fee	$ 1	
		$ 7,529	$ 7,529

Explanation: Administration (10410); Information Technology (10441); Animal Services and Control (10512); EMS (10530); Inspections (10540); Airport (10550); Senior Center (10775); Disaster Recovery (10980); Mainland Water (61818); Maple Commerce Sewer (64848); So Outer Banks Water (66868); Moyock Sewer (67878); Walnut Island Sewer (68888) - Transfers for operations for the remainder of this fiscal year.

Net Budget Effect: Operating Fund (10) - No change.
Mainland Water (61) - No change
Maple Commerce Park Sewer (64) - No change.
So Outer Banks Water (66) - No change.
Moyock Sewer (67) - No change.
Walnut Island Sewer (68) - No change.

3. Surplus Resolution-Metal Office Building and Storage Building at Veterans Park

R E S O L U T I O N

WHEREAS, the Board of Commissioners of Currituck County, North Carolina during its regularly scheduled meeting held on May 15, 2017, authorized the following, pursuant to GS 160A and 270(b), that the following property is declared surplus and is to be demolished:

Office Building at Veterans' Memorial Park, 132 Coinjock Canal Road, and
Metal Storage Building at 132 Coinjock Canal Road

NOW, THEREFORE, BE IT RESOLVED, that the Board of Commissioners of County of Currituck reserves the right to reject any and all bids.

THIS THE 5th day of June, 2017.

CURRITUCK COUNTY BOARD OF COMMISSIONERS

_____
Chairman

ATTEST:

_____
Leeann Walton
Clerk to the Board

4. Vehicle Surplus Resolution-Dodge Durango, Animal Services

RESOLUTION

WHEREAS, THE Board of Commissioners of the County of Currituck, North Carolina during its regularly scheduled meeting authorized the following, pursuant to G.S. 160A and 270(b) that the property listed below will be sold on GovDeals.

County Asset Tag	Description	Serial Number
5727	2003 Dodge Durango, White	1D4HS38N73F594007

NOW, THEREFORE, BE IT RESOLVED, that the Board of Commissioners of the County of Currituck reserves the tight to reject any and all bids.

ADOPTED, this 5th day of June, 2017.

Bobby Hanig
County of Currituck, Board of Commissioners

Leeann Walton
Clerk to the Board (Seal)

5. Surplus Resolution-Ambulance

RESOLUTION

WHEREAS, THE Board of Commissioners of the County of Currituck, North Carolina during its regularly scheduled meeting authorized the following, pursuant to G.S. 160A and 270(b) that the property listed below will be donated to the Currituck County Board of Education.

County Asset Tag	Description	Serial Number
3992	1997 Ambulance, old reserve unit, to be surplus and given to Currituck high school for their EMT vocational program. Mr. Don Moore has requested this unit for the program.	1FDKE30F2VHA39497

NOW, THEREFORE, BE IT RESOLVED, that the Board of Commissioners of the County of Currituck reserves the tight to reject any and all bids.

ADOPTED, this 5th day of June, 2017.

Bobby Hanig
County of Currituck, Board of Commissioners

Leeann Walton
Clerk to the Board (Seal)

6. Minutes Approval for May 1, 2017-Board of Equalization and Review

7. Knotts Island Convenience Center Lease

8. Economic Improvement Council Lease

9. Request by Crawford VFD Inc. for approval of Capital Purchases.

10. Audit Contract for fiscal year ending June 30, 2017

11. Funding Plan and Certification for the Juvenile Crime Prevention Council for the fiscal year ending June 30, 2018

12. Trillium Health Resources Quarterly Financial Report

13. Petition for Road Addition to State Maintenance-Cahoon Farms

14. Consideration of Application for Alcohol Use-2017 Knotts Island Peach Festival

15. Regional Solid Waste-Electronics Recycling Revision Request

C) Commissioner's Report

Commissioner White said he attended the NC Wildlife Oceanographic study tour with the school, noting an interesting comparison study to look at what happens with beach nourishment and its potential negative aspects.

Commissioner Gilbert congratulated senior graduates of Currituck County High School, with commencement on Friday night.

Commissioner Payment offered congratulations to Uli Bennowitz, owner of the Weeping Radish, winning a regional tourism award. He again asked the community to support their local firefighters and to be safe with traffic picking up.

D) County Manager's Report

No report.

RECESS THE REGULAR MEETING OF THE BOARD OF COMMISSIONERS

Chairman Hanig recessed the regular meeting so the Board could hold a special meeting of the Tourism Development Authority.

SPECIAL MEETING OF THE TOURISM DEVELOPMENT AUTHORITY

The Currituck County Board of Commissioners convened a special meeting of the Tourism Development Authority at 7:24 PM on June 5, 2017, in the Board Room of the Historic Currituck Courthouse, 153 Courthouse Road, Currituck, North Carolina.

E. Public Hearing & Possible Action to Adopt the Tourism Development Authority's Annual Budget for FY 2017-18

Tameron Kugler, Travel & Tourism Director, was seated with the Board. County Manager, Dan Scanlon, reviewed the Public Hearing requirement for adoption of the Tourism Development Authority budget.

Chairman Hanig opened the public hearing. With no speakers, the public hearing was closed.

Commissioner Payment moved to adopt the budget for the Tourism Development Authority. The motion was seconded by Commissioner White and passed unanimously.

With no further business Chairman Hanig adjourned the Special Meeting of the Tourism Development Authority.

CURRITUCK COUNTY TOURISM DEVELOPMENT AUTHORITY
BUDGET ORDINANCE
For the Year Ending June 30, 2018

BE IT ORDAINED by the Currituck County Tourism Development Authority, County of Currituck, North Carolina that the following estimated resources, appropriations, and memoranda are adopted for the fiscal year commencing July 1, 2017 and ending June 30, 2018.

SECTION 1. OCCUPANCY TAX - PROMOTION

A. Estimated Resources:

Occupancy Tax		10,506,169
Other revenues		196,300
Investment earnings		87,633
Appropriated Fund Balance		-
		10,790,102
TOTAL ESTIMATED RESOURCES	$	10,790,102

B. Appropriations:

Occupancy Tax - Promotion	$	3,594,041
Occupancy Tax - Tourist related		7,196,061
		10,790,102
TOTAL APPROPRIATIONS	$	10,790,102

The information above is presented in summary form. Complete detailed information is available in the County budget.

SECTION 2. SPECIAL APPROPRIATIONS AND RESTRICTIONS

The Budget Officer is hereby authorized to transfer appropriations within the funds as contained herein under the following conditions.

a. He may transfer amounts within the same department within the same fund up to Ten Thousand dollars ($10,000) providing an official report on such transfers at a regular meeting of the Board of Commissioners on a quarterly basis.

b. He may transfer amounts between departments within the same fund up to One Thousand dollars ($1,000) providing an official report on such transfers at the next regular meeting of the Board of Commissioners.

c. He may appropriate fund balance to salaries and benefits in order to increase salaries of employees who have met requirements to increase certifications required by the County providing an office report on such transfers at the next regular meeting of the Board of Commissioners.

d. He may make interfund loans for a period of not more than sixty days (60).

e. He may not transfer any amounts between funds or from any contingency line items within any funds.

SECTION 3. CONTRACTUAL OBLIGATIONS

The County Manager or the County Attorney are hereby authorized to execute contractual documents under the following conditions:

a. They may execute contracts for construction or repair projects which do not require formal competitive bid procedures.

b. They may award contracts, reject bids, re-advertise for bids, waive bid bonds or bid deposit requirements, and waive performance and payment bond requirements for all formal bids of apparatus, supplies, materials and equipment as stated in G. S. 143-129.

c. They may execute contracts for (1) purchases of apparatus, supplies, and materials, or equipment which are within the budgeted departmental appropriations; (2) leases of personal property for a duration of one year or less and within budgeted departmental appropriations; and (3) services which are within budgeted departmental appropriations.

d. They may execute grant agreements to and from public and nonprofit organizations which are within budgeted appropriations, unless a grantor organization requires execution by the Board of Commissioners.

e. They may execute contracts, as the lessor or lessee of real property, which are of a duration of one year or less which are within the budgeted departmental appropriations.

SECTION 4. MEMORANDA

A. Officers:

Daniel F. Scanlon II is the Budget Officer
Leeann Walton is the Clerk to the Board
Eileen Wirth is the Deputy Clerk to the Board
Donald Ikerd McRee is the County Attorney
Sandra L. Hill is the County Finance Director
Bridget T. Brinkley is the Deputy Finance Director

B. Facsimile Signatures:

The use of facsimile signature machines, signature stamps, or similar devices in signing checks and drafts is hereby authorized; however, off-line checks and pre-audit certification requires in the minimum of one original authorizing signature. The Finance Director is hereby charged with the custody of all facsimile machines, stamps, plates or other devices.

C. Official Depositories:

The Official depositories of the Tourism Development Authority are:

Towne Bank of Currituck, Moyock, North Carolina
Bank of America, North Carolina
Branch Bank and Trust, North Carolina
North Carolina Cash Management Trust, Charlotte, North Carolina
Wells Fargo, North Carolina

D. Daily Deposits:

Daily deposits are required by all departments when the amount of money held on hand sums to Two Hundred Fifty dollars ($250).

E. Returned Check or Electronic Funds Transfer Fees:

The Tourism Development Authority will assess a returned check charge consistent with G. S. 25-3-512 on all checks or electronic funds transfers returned to the County due to insufficient or unavailable funds, except for the payment of taxes. The returned check fee will be $25.00 per item returned. This fee will also be charged for ACH or credit card transactions that are not paid due to insufficient funds. The penalty for returned checks and electronic funds transfers for payment of taxes are governed by G. S. 105-357(2).

F. Policy on Appropriations:

The Tourism Development Authority will not consider supplemental appropriations for any service, function, purpose or activity that could have been reasonably considered during the budget process.

SECTION 5. USE OF BUDGET ORDINANCE

The Budget Officer and the Finance Director shall use this budget ordinance for administration of the budget and for the accounting system.

ADOPTED this 5th day of June 2017.

Bobby Hanig, Chairman
Currituck County Tourism Development Authority

ATTEST:

Leeann Walton
Clerk to the Board

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Mike H. Payment, Vice Chairman
SECONDER:	Bob White, Commissioner
AYES:	Bobby Hanig, Chairman, Mike H. Payment, Vice Chairman, Paul M. Beaumont, Commissioner, Marion Gilbert, Commissioner, Mike D. Hall, Commissioner, Bob White, Commissioner
ABSENT:	Mary "Kitty" Etheridge, Commissioner

CLOSED SESSION

Chairman Hanig, after returning from a special meeting of the Tourism Development Authority, reconvened the regular meeting of the Board of Commissioners.

F. Closed Session Pursuant to G.S. 143-318.11(a)(3) to Consult with the County Attorney in Order to Preserve the Attorney-Client Privilege

Chairman Hanig moved the Board into closed session pursuant to G.S. 143-318.11(a)(3) to consult with the county attorney in order to preserve the attorney-client privilege.

ADJOURN

Motion to Adjourn Meeting

The Board of Commissioners returned to the meeting room after closed session. With there being no further business Commissioner Hall made a motion to adjourn. The motion was seconded by Commissioner White and carried unanimously. The meeting of the Board of Commissioners was concluded.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Mike D. Hall, Commissioner
SECONDER:	Bob White, Commissioner
AYES:	Bobby Hanig, Chairman, Mike H. Payment, Vice Chairman, Paul M. Beaumont, Commissioner, Marion Gilbert, Commissioner, Mike D. Hall, Commissioner, Bob White, Commissioner
ABSENT:	Mary "Kitty" Etheridge, Commissioner

Currituck County
Planning and Community Development Department
Planning and Zoning Division
153 Courthouse Road Suite 110
Currituck NC 27929
252-232-3055 Fax 252-232302

To: Board of Commissioners

From: Planning Staff

Date: June 5, 2017

Subject: PB 14-16 Lake View at Currituck, PUD Development Agreement

James O. Myers, Lake View Land Development, LLC, submitted an application for an amendment to the development agreement between Lake View Land Development, LLC (the "Developer") and Currituck County to modify the building elevation designs for single family dwellings in Lake View at Currituck, PUD off Survey Road in Moyock Township.

The use of a development agreement is authorized in North Carolina General Statutes 153A-379.1 and Currituck County Unified Development Ordinance (UDO), Section 2.4.18; the purpose and intent of a development agreement is to:

1. Encourage comprehensive planning and capital facilities planning;
2. Ensure the provision of adequate public facilities for development;
3. Encourage the efficient use of resources, while providing certainty in the process of obtaining development permits and approvals; and
4. Reduce the economic costs of development by providing greater regulatory certainty.

Background

- County of Currituck (the "County") entered into a development agreement with Survey Road, LLC (the "Developer") on November 25, 2014 to complete the Lake View at Currituck development.
- Typical building elevations were included in Exhibit D of the agreement. The recitals in the agreement indicate the homes constructed should be similar to the elevations provided in the agreement but are not required to be exact.
- The development agreement between the Developer and the County required the Developer to install a new public sewer force main connecting the Lake View at Currituck development to the Moyock Central Sewer System. Phase 1 infrastructure is complete and the sewer mains, pump stations, and appurtenances subject to the development agreement were dedicated to the county upon completion.

Attachment: Lake View at Currituck DevAGAMTstaff report (BOC 6-5-17) (1879 : PB 14-16 Lake View at Currituck, Development Agreement

Attachment: Lake View at Currituck DevAGAMTstaff report (BOC 6-5-17) (1879 : PB 14-16 Lake View at Currituck, Development Agreement

- An amendment to the development agreement was recorded June 23, 2016 that permitted 13 additional units and, the agreement was assigned to Lake View Land Development, LLC (the "Developer").

Amendment Request

The request submitted by the "Developer" provides sixteen two-story building elevations that will replace the building elevation exhibit in the recorded agreement. According to the applicant, the building elevations recorded with the 2014 development agreement are outdated and the architecture is proprietary to the builder that was in place at that time.

Attached please find a draft version of the development agreement amendment, a copy of the existing building elevations, the proposed building elevations, and the Architectural Standards Handbook for the Lake View at Currituck Owners Association.

Development Agreement Review Standards

The advisability of a development is a matter committed to the legislative discretion of the Board of Commissioners and is not controlled by any one factor. For consideration of the county to participate in a development agreement, the development subject to the agreement must meet the following:

1. The property subject to the development agreement shall contain 25 acres or more of developable property (exclusive of wetlands, mandatory buffers, unbuildable slopes, and other portions of the property that may be precluded from the property at the time of application).

2. The development shall demonstrate phasing, and participation in the proposed agreement shall not exceed 20 years.

3. The development shall demonstrate the impact on existing and future provisions of capital improvements by the county, including at least one of the following: transportation, potable water, sanitary sewer, solid waste, stormwater management, educational, parks and recreational, and health systems and facilities.

Recommendation

Although this amendment to the development agreement (building elevations) does not specifically address the three review standards outlined in the UDO, the Lake View at Currituck development agreement continues to meet the review standards of the UDO. The TRC recommends **approval** of the amendment because the development agreement is consistent with the Moyock Small Area Plan since the subject property and sewer main extension are located in a Full Service area; is consistent with the Land Use Plan because it focuses sewer service in existing developed areas and in nearby targeted growth areas (POLICY WS3); and the development agreement demonstrates the impact on the future provision of public sewer capital improvements by the county.

Attachment: Lake View at Currituck DevAGAMTstaff report (BOC 6-5-17) (1879 : PB 14-16 Lake View at Currituck, Development Agreement

Planning Board Recommendation:

May 9, 2017:

Mr. Craddock motioned to approve the amended development agreement since it is consistent with the Moyock Small Area Plan and it is in the public's interest and it will not negatively affect property values in the vicinity.

RESULT: RECOMMENDED APPROVAL [UNANIMOUS]

AYES: Carol Bell, Chairman, C. Shay Ballance, Board Member, Steven Craddock, Board Member, Jane Overstreet, Board Member, J. Timothy Thomas, Board Member

ABSENT: Fred Whiteman, Vice Chairman, John McColley, Board Member, Jeff O'Brien, Board Member

Planning Board Discussion (5/9/2017):

Senior Planner, Donna Voliva presented the Staff Report for the request made by James Myers to amend the development agreement between Lake View Land Development, LLC, and Currituck County to modify the building elevations for single family dwellings in Lake View at Currituck, PUD off Survey Road in Moyock. The request submitted replaced the previous elevations with sixteen two story building designs which are similar to the previous elevations. According to the applicant, the previous elevations were outdated and the architecture is proprietary to the builder that was in place at the time. Ms. Voliva gave the background information, reviewed the development agreement review standards and gave the Technical Review Committee's recommendation to approve the amendment since the development agreement is consistent with the Moyock Small Area Plan and is consistent with the Land Use Plan for Currituck County.

Eric Shirey, with Ryan Homes, appeared before the board and stated Ryan Homes has the land development for all 150 lots at Lake View at Currituck with 49 of the lots ready for building to begin. He stated the new elevations designs were for upgrading purposes with no cost cutting. The designs submitted in 2014 had garages that were 18-20 feet in width and some would not fit the lot size.

Board members asked Mr. Shirey several questions about the square footage, price points, location of Ryan Homes' Headquarters and foundation of the homes. Mr. Shirey said the square footage of the homes would be similar with some up to 3,000 square feet; the price ranges would a starting price point of $299,000 to $309,000 with upgrades up to $350,000. Ryan Homes is in Chesapeake with 40 employees and is headquartered in Reston, Virginia.

Mr. Shirey said this would be the first community they are building outside of Chesapeake, Virginia. All the homes will be built on slab foundations.

Jim Myers, with Lake View Land Development, LLC, appeared before the board. Mr. Myers said the previous elevations were from a builder they had contracted at the time the development agreement was made in 2014 and these elevations had been used in Isle of

Wight County, Virginia. Mr. Myers said they could not use the previous elevations since that builder was no longer working on this project.

Board members agreed the previous elevations were similar to the new elevations. Ms. Voliva said the development agreement stated Lake View Land Development, LLC, had to come to the board when changes are made for approval.

Attachment: Lake View at Currituck DevAGAMTstaff report (BOC 6-5-17) (1879 : PB 14-16 Lake View at Currituck, Development Agreement

Attachment: Lake View at Currituck Dev. Agt. Amendment (1879 : PB 14-16 Lake View at Currituck, Development Agreement Amendment)

NORTH CAROLINA
COUNTY OF CURRITUCK

DEVELOPMENT AGREEMENT

This Amendment of Development Agreement is made this _____ day of _____, 2017 by and between the County of Currituck, a body politic and political subdivision of the State of North Carolina ("County"), and Lakeview Land Development LLC, a Virginia limited liability company, as assignee from Survey Road, LLC, a North Carolina limited liability company ("Developer").

SECTION ONE
RECITALS

1. Developer and County previously entered into a Development Agreement under date of November 25th, 2014, as amended by that certain amendment dated June 21, 2016, for the development property identified therein as "Tract 1".

2. Pursuant to that certain Assignment of Development Agreement dated June 21, 2016, Survey Road, LLC assigned the Development Agreement to Lake View Land Development, LLC.

3. Pursuant to SECTION 12 therein, the original agreement may be amended by mutual consent of the parties.

4. Developer desires, and County consents, to the amendment hereinafter stated.

NOW, THEREFORE, for and in consideration of the mutual promises subsequently appearing, it is agreed the Development Agreement of November 25th, 2014, as amended, is hereby amended in the following regards, and no other:

AMENDMENT TO SECTION THREE
DEFINITION OF "LAKE VIEW AT CURRITUCK, PUD"
TYPICAL BUILDING ELEVATIONS

The original Exhibit D referred to in Section Three, definition of "Lake View at Currituck, PUD", is hereby replaced with Exhibit D attached hereto and made a part hereof.

EXECUTION

This document having been carefully reviewed by the parties and their counsel, and it being determined such is in accord with applicable law and is in the interest of Developer, County and its citizens, each party does hereby bind itself to the other to carry out the terms herein by the execution of this document in duplicate originals.

PRE-AUDIT CERTIFICATION

This instrument has been pre-audited in the manner required by the Local Government Budget Fiscal Control Act.

By:_____
Finance Officer
Currituck County, North Carolina

IN WITNESS WHEREOF, the parties hereto have caused these presents to be executed on the day and year indicated below:

ATTEST: **COUNTY OF CURRITUCK**

By:_____ By:_____

NORTH CAROLINA
COUNTY OF CURRITUCK

This is to certify that on the _____ day of _____, 2017, before me personally came _____, who, being by me duly sworn, says that she is the Clerk to the Currituck County Board of Commissioners and _____, who is the Chairman of the Currituck County Board of Commissioners, a North Carolina County possessing powers of a unified government pursuant to N.C.G.S. §153A-471, described in and which executed the foregoing; that she knows the corporate seal of said County, that the seal affixed to the foregoing instrument is said corporate seal, and the name of the County government was subscribed thereto by the said Chairman and that the said corporate seal was affixed, all by order of the governing body of said County, and that the said instrument is the act and deed of said County.

WITNESS my hand and official seal or stamp, this the _____ day of _____, 2017.

_____
Notary Public

My Commission Expires _____

Attachment: Lake View at Currituck Dev. Agt. Amendment (1879 : PB 14-16 Lake View at Currituck, Development Agreement Amendment)

ATTEST:

LAKE VIEW LAND DEVELOPMENT, LLC

By:_____

By:_____

NORTH CAROLINA
COUNTY OF CURRITUCK

I, a Notary Public of Currituck County, North Carolina, do hereby certify that _____ _____, personally came before me this day and acknowledged that he is the _____ _____, of Lake View Land Development, LLC the foregoing instrument was signed in its name by its _____, sealed with its corporate seal, and attested by himself as its _____.

WITNESS my hand and official seal or stamp, this the _____ day of _____, 2017.

_____
Notary Public

My Commission Expires _____

Attachment: Lake View at Currituck Dev. Agt. Amendment (1879 : PB 14-16 Lake View at Currituck, Development Agreement Amendment)

EXHIBIT D

Attachment: Lake View at Currituck Dev. Agt. Amendment (1879 : PB 14-16 Lake View at Currituck, Development Agreement Amendment)

Exhibit D

Lakeview Architectural Standards and Elevations

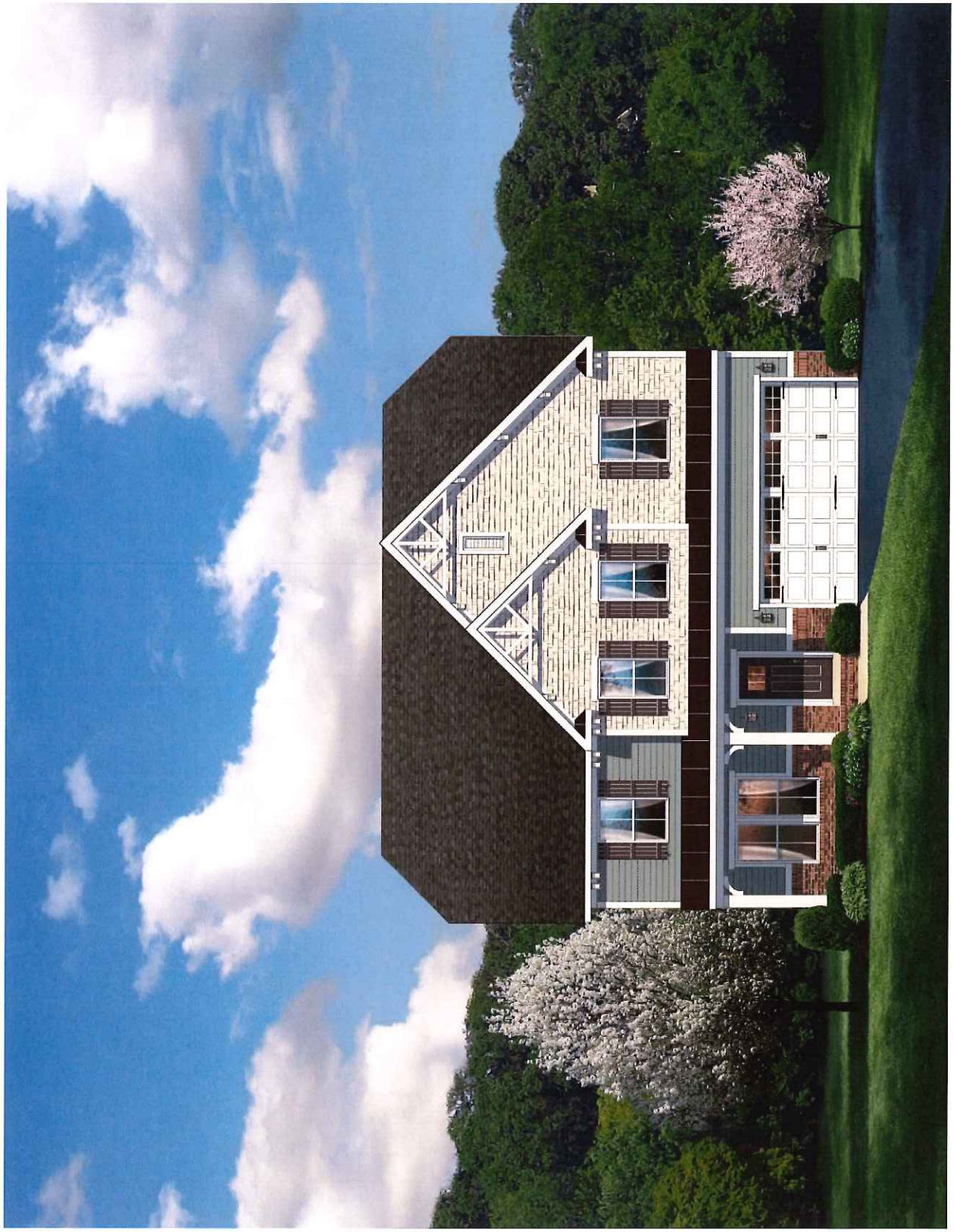
All homes in Lakeview are to be built in substantial conformance with the attached elevations and strictly adhere to the architectural standards set forth below. A standard of homebuilding quality will be detailed in the Community's declaration of restricted covenants and appropriately governed by the Developer's appointed Architectural Review Committee. An example of the Architectural Review Committee's application can be found in the Development Agreement Amendment application and will be available for the Board of Commissioners of Currituck's review during the Public Hearing.

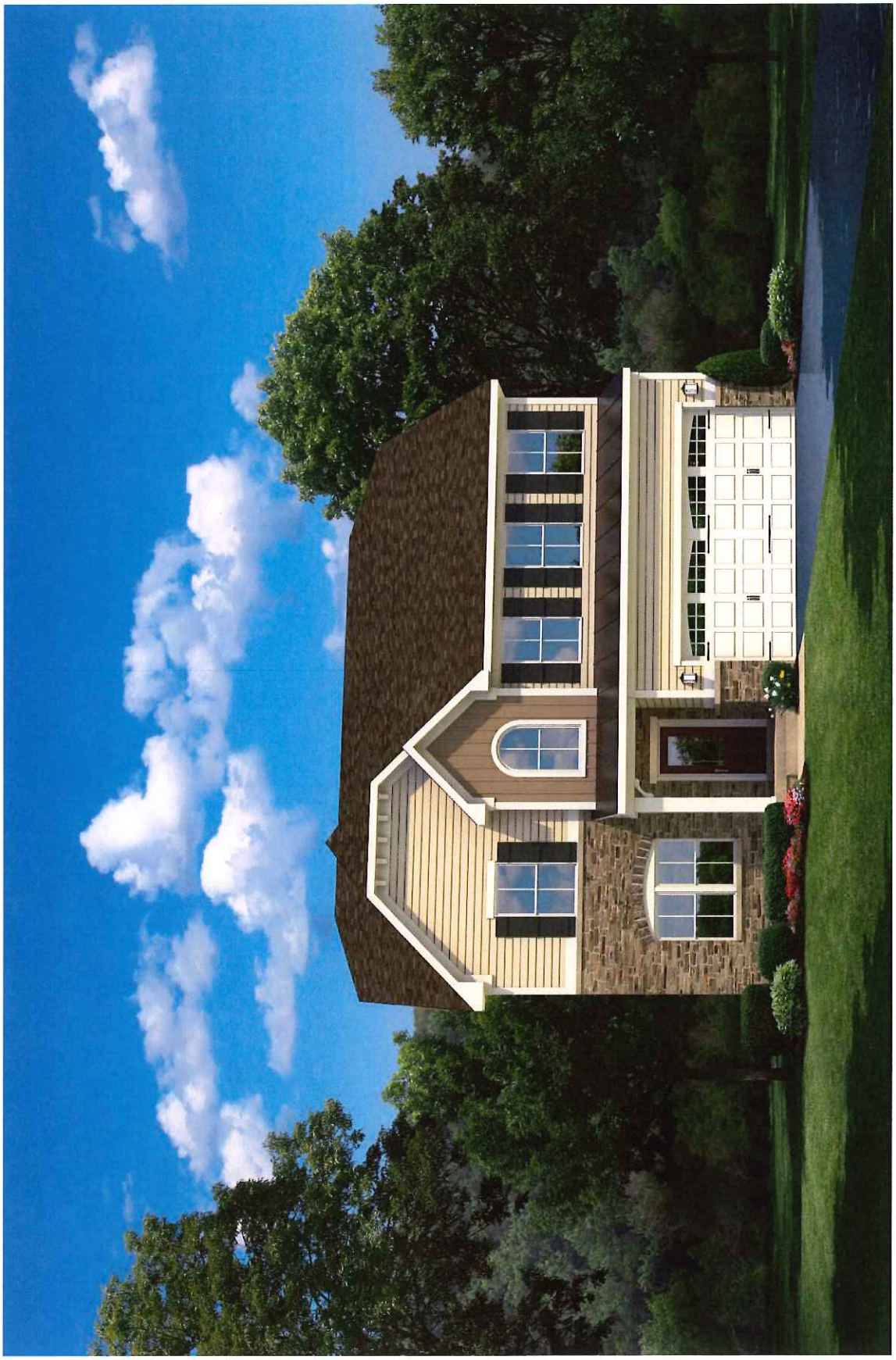
Product:

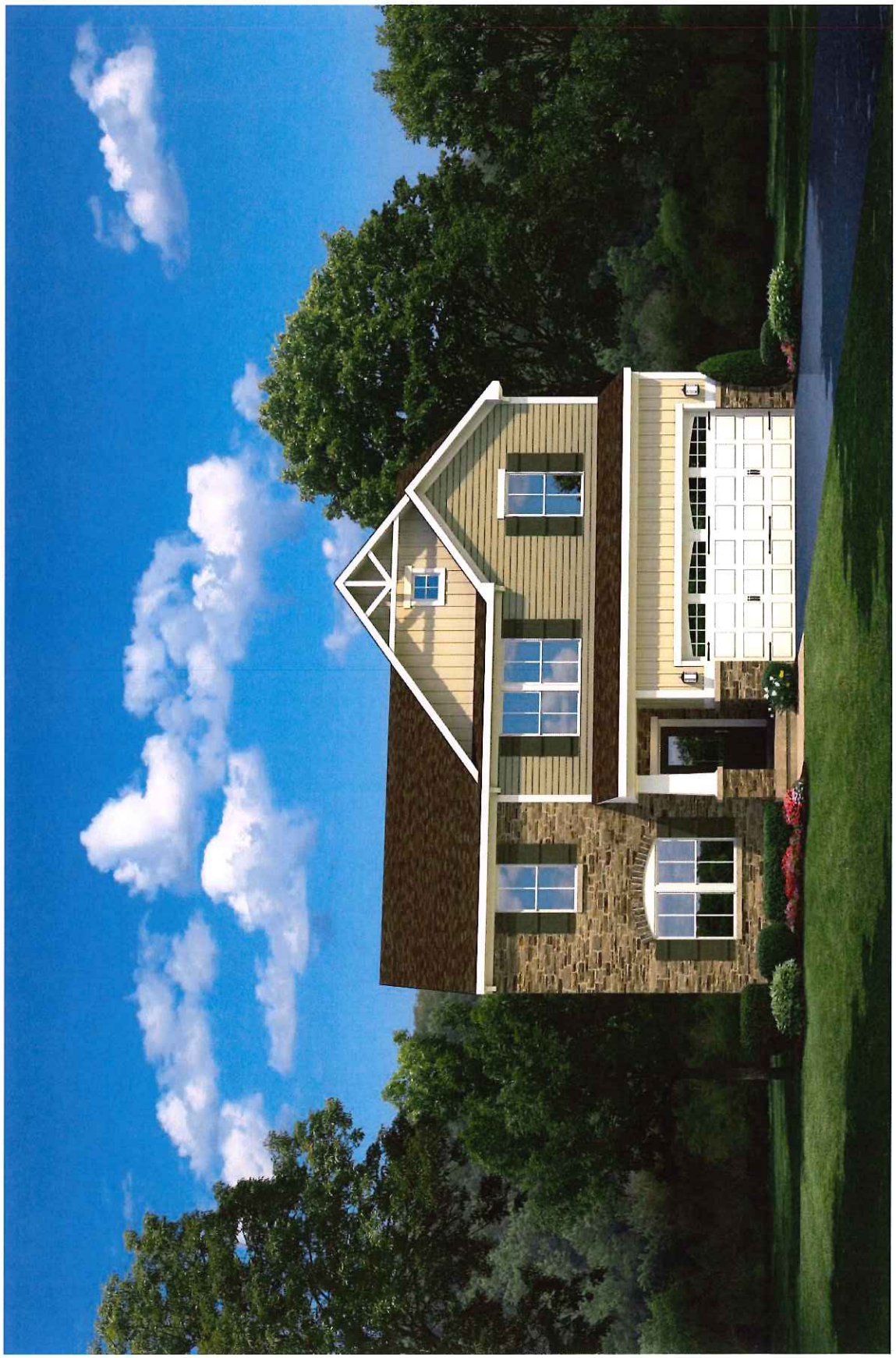
I. All homes will be single family detached.
II. Square feet will be measured by conditioned living area and will be a minimum of 1800 square feet for a two level home and 1600 for a one level ranch home.
III. Each home will have a covered front porch or stoop.
IV. The garage opening width will not exceed more than 60% of the total home's width

Attachment: Lake View Exhibit D Description 5-2-17 (1879 : PB 14-16 Lake View at Currituck, Development Agreement Amendment)











Front Porch will be supported by columns as found elsewhere in the NVR Lakeview elevations

STAFF REPORT
PB 13-12
BOARD OF COMMISSIONERS
JUNE 5, 2017

Attachment: Moyock Commons, P1, PP-UP BOC 6-5-17 (1822 : PB 13-12 Moyock Commons, Phase 1)

APPLICATION SUMMARY

Property Owner: Moyock Land Company LLC % Chip Friedman 3500 Virginia Beach Blvd Ste 600 Va Beach VA 23452	**Applicant:** Hassell & Folkes, PC % Stuart Bonnell 325 Volvo Parkway Chesapeake VA 23320
Case Number: PB 13-12	**Application Type:** Preliminary Plat/Use Permit
Parcel Identification Number: 0015-000-0079-0000	**Existing Use:** Cultivated Farmland, Woodlands
Land Use Plan Classification: Full Service	**Parcel Size (Acres):** 27.341
Moyock SAP Classification: Full Service	**Type of Subdivision:** Conservation
Number of Units: 55	**Project Density:** 2 units/acre
Required Conservation Area (Acres): 10.94 (40%)	**Provided Conservation Area (Acres):** 11.22 (41%)

STAFF ANALYSIS

On March 17, 2014 the Board of Commissioners approved the conditional rezoning of this property from AG (Agricultural) to C-SFM (Conditional-Single Family Mainland). The conceptual plan (attached) approved as a part of the conditional rezoning allowed for 55 lots and the proposed layout is consistent with this subdivision request.

It should be noted that the applicant held a community meeting for this request on September 27, 2016. A procedural error was made as staff was not invited to attend the meeting; however, staff understands that the meeting was well attended and a summary of the meeting is attached.

It is also important to note that the plat calls out several areas of potential wetlands on the property. The applicant states that the wetland delineation is “currently in process by others”. Wetland verification as certified by the US Army Corps of Engineers is required upon preliminary plat submittal. The conceptual plan approved as part of the conditional rezoning indicated the potential wetland size of .08 acres was to be filled. A Nationwide Permit issued by the US Army Corps of Engineers is necessary prior to filling any wetlands. If a fill permit is not issued, the wetland area must be placed into a primary conservation area.

Finally, it is important to note that according to NCDOT Moyock Commons Drive does not meet their Design and Construction Standards and has not been accepted for maintenance. The UDO requires the new subdivision to connect to an improved street that meets NCDOT Design and Construction Standards or one that has been accepted for maintenance by NCDOT. While the existing improved portion of Moyock Commons Drive met the NCDOT Design and Construction Standards at the time of installation, it no longer meets those standards as required by the UDO. Therefore, Moyock Commons Drive in its entirety (approximately 850’) must be improved to the current NCDOT Design

and Construction Standards or be accepted by NCDOT for maintenance prior to approval of the final plat.

INFRASTRUCTURE	
Water	Public
Sewer	Public
Transportation	Pedestrian: 5' concrete sidewalk along both sides of all streets
	External Street Connectivity: 3 connection points
Stormwater/Drainage	Drainage concerns have been noted in this area. The development will be constructed and maintained so that adjacent lands are not unreasonably burdened with surface waters as a result of the development. Among other things, the applicant is proposing improvements along E Street including a new culvert under Puddin Ridge Road to increase the drainage efficiency of Ditch #4 and small diameter stub pipes to drain ditches from 189 Pudding Ridge Road that would otherwise be blocked by the proposed pond outfall pipe.
Schools	Elementary Students Generated: 13.75
	Middle School Students Generate: 4.4
	High School Students Generated: 7.7
Design Standards	Per the conditional rezoning approval, all residential dwellings shall be constructed either with a crawl space or on raised slabs with a finished floor at least 16" above the outside ground grade.
Lighting	None proposed at this time.
Landscaping	The applicant is proposing compliant street trees, a Type A Buffer along the northern property line, and additional supplemental vegetation.
Recreation and Park Area Dedication	The county will be accepting a fee-in-lieu of parkland dedication. (Approximately $4,720)

RECOMMENDATIONS

TECHNICAL REVIEW COMMITTEE

The Technical Review Committee recommends adoption of the use permit and approval of the preliminary plat subject to the following conditions of approval:

1. The application complies with all applicable review standards of the UDO provided the following items are addressed:
    a. Please provide the wetland delineation approved by the Army Corps of Engineers. If the .08 acres of wetlands are to be filled, a Nationwide Permit issued by the US Army Corps of Engineers is necessary prior to filling any wetlands. (Planning)
    b. Since Moyock Commons Drive does not meet NCDOT Design and Construction Standards and is not under NCDOT maintenance, the entire Moyock Commons Drive (from the subject property line to Caratoke Highway – approximately 850') must be improved to meet current NCDOT Design and Construction Standards OR be accepted by NCDOT for maintenance prior to approval of the final plat. (Planning)
    c. Calculations and details of stormwater, sewer, and water will be reviewed at Construction Drawing submittal. (Engineering)

Attachment: Moyock Commons, P1, PP-UP BOC 6-5-17 (1822 : PB 13-12 Moyock Commons, Phase 1)

d. Provide accessible parking or passenger loading zone at Cluster Mailbox Unit (CMU) location and accessible route to the CMU. (Building Inspector)

2. The applicant demonstrates the proposed use will meet the use permit review standards of the UDO.
3. The conditions of approval necessary to ensure compliance with the review standards of the UDO and to prevent or minimize adverse effects of the development application on surrounding lands include:
   a. Please provide the wetland delineation approved by the Army Corps of Engineers. If the .08 acres of wetlands are to be filled, a Nationwide Permit issued by the US Army Corps of Engineers is necessary prior to filling any wetlands. If a fill permit is not issued, the wetland areas must be placed into a primary conservation area. (Planning)
   b. Since Moyock Commons Drive does not meet NCDOT Design and Construction Standards and is not under NCDOT maintenance, the entire Moyock Commons Drive (from the subject property line to Caratoke Highway – approximately 850') must be improved to meet current NCDOT Design and Construction Standards OR be accepted by NCDOT for maintenance prior to approval of the final plat. (Planning)
   c. That all conditions placed on the property through the conditional rezoning approval are incorporated into this request: (Planning)
      i. Minimum rear yard setback for all residential lots along the perimeter boundary shall be as shown on plan. These setbacks shall apply to all principal uses but shall not apply to fences or accessory structures. In no instance shall setbacks be less than allowed by the UDO.
      ii. Prior to any land disturbing activities within the development, the property owner shall conduct a tree inventory plan as required by Section 7.2 of the UDO. The purpose of said plan shall be to identify the number and location of any heritage trees present and the methods by which they will be preserved.
      iii. That an effort be made to work with the owner of the existing commercial shopping center to extend a sidewalk from the proposed development to the shopping center.
      iv. The property shall be developed in accordance with the Conceptual Development Plan dated December 26, 2013.
      v. On-street parking shall be prohibited by the provision of signage.
      vi. The location of rights-of-way, open space areas, setbacks, and stormwater management areas shall be as generally shown on the approved conceptual development plan.
      vii. The developer agrees that stormwater management for the improvements resulting from this application shall not exceed pre-developed discharge rates as allowed by ordinance. Such improvements shall be identified by means of a preliminary drainage impact study to be provided by the developer and approved by the county prior to submittal of the preliminary subdivision plat. As an alternative, at the developer's discretion, downstream improvements to include ditch regarding and cleaning, piping and the purchase of any required easements for the conveyance of stormwater may be accomplished in accordance with a county approved plan.
      viii. All residential dwellings shall be constructed either with crawl spaces or on raised slabs (finished floor at least 16 inches above outside ground grade).
      ix. The use of prefabricated structures or trailers as dwellings shall be strictly prohibited.

Attachment: Moyock Commons, P1, PP-UP BOC 6-5-17 (1822 : PB 13-12 Moyock Commons, Phase 1)

SURROUNDING PARCELS		
	Land Use	**Zoning**
North	Residential/Retail	SFM, AG, GB
South	Residential	SFM
East	Active Farmland/Undeveloped	AG
West	Residential	SFM

USE PERMIT REVIEW STANDARDS

A use permit shall be approved on a finding that the applicant demonstrates the proposed use will meet the below requirements. It is staff's opinion that the evidence in the record, prepared in absence of testimony presented at a public hearing, supports the preliminary findings

The use will not endanger the public health or safety.

Applicant Findings:

1. The project would not adversely affect public safety. In compliance with preliminary plat review comments from the Albemarle Regional Health Services approvals for wastewater treatment and disposal from the NC Division of Water Quality (Washington Office) and Moyock Regional Water System would be obtained prior to construction.
2. This project would not adversely affect public safety. All state and county approvals would be obtained prior to construction.

The use will not injure the value of adjoining or abutting lands and will be in harmony with the area in which it is located.

Applicant Findings:

1. Moyock Commons will not injure the value of abutting lands and will be in harmony with the area in which it is located.
2. Along the west boundary (boundary parallel to Puddin Ridge Road), the proposed development would be bordered by a rural residential unit located within the Moyock Sub-Area which fronts on Puddin Ridge Road. Within Moyock Commons, proposed Lake #1 and a 25-LF wide tree area combine to create an approximate 400-LF wide conservation area buffer against the residential unit.
3. Along the north-east boundary (boundary parallel to Route 168), the proposed development would be bordered by various uses consisting of 5-residential lots within the Moyock Sub-Area; and various parcels zoned general business which are used for retail and utility related operations with the Moyock sub-Area. Within Moyock Commons, proposed Lake #2 and a various width Type-A, Landscape Buffer would create a conservation area against the adjacent uses.
4. Along the east boundary, Moyock Commons would be bordered by active, agricultural property.
5. Along the south-east boundary (boundary parallel to Quail Run Road), the proposed development would be bordered by various uses consisting of dense forest and active, agricultural property. Within Moyock Commons, a Vegetated Farm Buffer is proposed along the active agricultural property.
6. Moyock Commons proposed ingress/egress is via extension of existing Moyock Commons Drive. A roadway connection to E Street is not permitted.

Attachment: Moyock Commons, P1, PP-UP BOC 6-5-17 (1822 : PB 13-12 Moyock Commons, Phase 1)

The use will be in conformity with the Land Use Plan or other officially adopted plans.

Applicant Findings:

1. Moyock Commons would be located within the Moyock Sub-Area. With respect to the Moyock Sub-Area, excerpts from the land use plan follow:
    a. The Moyock area is the fastest growing part of Currituck County. Development densities currently range from 1 to 3 units per acre depending upon development type. It is coming under increasing development pressure as a "bedroom community" for the Tidewater Area of Virginia.
    b. "…However, in areas where central sewer is proposed or existing, additional services are available and the character of the surrounding areas supports it, higher density ranging from 3-4 units per acre could be considered through the use of overlay zones.
    c. Clustered housing developments with open space required by ordinance will need to be encouraged.
2. For Moyock Commons, the relevant and supportive 2006 Land Use Plan policies are found to be as follows:
    a. POLICY HN1: Currituck County shall encourage development to occur at densities appropriate for the location.
    b. POLICY HN2: The county shall therefore engage alternatives to large lot developments though innovative development concepts and corresponding zoning techniques.
    c. POLIC HN3: Currituck County shall especially encourage two forms of residential development, each with the objective of avoiding traditional suburban sprawl:
        i. OPEN SPACE DEVELOPMENTS that cluster homes on less land, preserving permanently dedicated open space and often employ on-site or community sewage treatment. These types of developments are likely to occur primarily in the Conservation, Rural, and to a certain extent the Limited Service areas identified on the Land Use Map.
    d. POLICY HN8: To protect the county's tax base and to ensure the long-term viability of the county's neighborhoods and housing stock, the county will continue to enforce appropriate CONSTRUCTION AND SITE DEVELOPMENT STANDARDS for residential developments. Such standards may include, for example, that all homes have a permanent masonry foundation (except where flood levels require elevation) and a pitched roof and overhang, and that local roads must be built to meet NCDOT acceptance standards.
    e. POLICY TR8: Local streets shall be designed and built to allow for convenient CIRCULATION WITHIN AND BETWEEN NEIGHBORHOODS and to encourage mobility by pedestrians and bicyclists. Care shall be taken to encourage local street "connectivity" without creating opportunities for cut-through traffic from outside the connected areas
    f. POLICY TR12: New residential developments shall provide for the installation of PAVED PUBLIC ROADWAY AND DRAINAGE INFRASTRUCTURE at the time of development. This policy is intended to prevent the creation of substandard developments that must later correct for infrastructure problems that could have been avoided, had they been installed properly from the beginning.
    g. POLICY WS3: Currituck County endorses UTILITIES EXTENSION POLICIES that focus water and sewer services (1) within existing developed areas and in nearby targeted growth areas identified as Full Service and Limited Service areas, (2) where development densities would make the provision of all public services more efficient, (3) where the land is particularly well suited for development, and (4) away from environmentally sensitive areas.

Attachment: Moyock Commons, P1, PP-UP BOC 6-5-17 (1822 : PB 13-12 Moyock Commons, Phase 1)

h. POLICY PR6: All new residential development shall provide for ADEQUATE OPEN SPACE AND RECREATION IMPROVEMENTS including, as may be appropriate, funding in proportion to the demand created by the development. The amount of open space and improvements may be determined according to the number of dwelling units in the development and/or by a percentage of the total acreage in the development. Fees in lieu of land dedication shall be based on the inflation adjusted assessed value of the development or subdivision for property tax purposes.
i. POLICY WQ3: Currituck County supports policies, plans, and actions that help protect the water quality of the county's estuarine system by preventing SOIL EROSION AND SEDIMENTATION, and by controlling the quantity and quality of STORMWATER RUNOFF entering the estuary.
j. POLICY WQ4: RUNOFF AND DRAINAGE from development, forestry, and agricultural activities shall be of a quality and quantity as near to natural conditions as possible. Post-development runoff shall not exceed pre-development volumes.
k. POLICY WQ5: Development that preserves the NATURAL FEATURES OF THE SITE, including existing topography and significant existing vegetation, shall be encouraged. If COASTAL AND NON-COASTAL WETLANDS are considered part of the lot's acreage for the purpose of determining minimum lot size or development density, Low Impact Development techniques or appropriate buffers shall be integrated into the development. Open space developments shall be encouraged to REDUCE IMPERVIOUS SURFACE AREAS associated with new development and redevelopment.
l. POLICY WQ7: The environmental benefits of properly designed, VEGETATED ROADSIDE DRAINAGE SWALES shall be recognized. Curb and gutter shall be reserved to developments that are urban in character and that are served by adequate stormwater collection, retention, and slow release facilities.
m. POLICY CA6: To foster an improved community appearance, promote public safety, and help prevent service outages, the placement of UTILITY WIRES UNDERGROUND shall be encouraged in all public and private developments.

Preliminary Staff Findings

1. The plan is consistent with policies in the Moyock Small Area Plan including:
    a. POLICY FLU1: Promote compatibility between new development and existing development to avoid adverse impacts to the existing community. This is achieved through design, and includes larger setbacks, landscaped or forested strips, transition zones, fencing, screening, density and/or bulk step downs, or other architectural and site planning measures that encourage harmony.

The use will not exceed the county's ability to provide adequate public facilities, including, but not limited to: schools, fire and rescue, law enforcement, and other county facilities. Applicable state standards and guidelines shall be followed for determining when public facilities are adequate.

Applicant Findings:

1. Currituck County has adequate public facilities to serve the proposed subdivision.

Planning Board Meeting Discussion – May 9, 2017

Moyock Service District Maintenance Assessment for Ditches 1-6 Presentation

Senior Planner, Tammy Glave briefed the Planning Board Members on tonight's added discussion of Moyock drainage. A planned subdivision, Moyock Commons, had previously been heard at the Board of Commissioners Meeting on March 20, 2017 for a Use Permit. During this time, a drainage report for the Moyock Service District was in the process of being prepared and the Board of Commissioners

Attachment: Moyock Commons, P1, PP-UP BOC 6-5-17 (1822 : PB 13-12 Moyock Commons, Phase 1)

remanded Moyock Common's request until the drainage report was finished and could go through the proper procedures of discussion by the Planning Board and then a resolution by the Board of Commissioners. Ms. Glave introduced Eric Weatherly, Engineer with Currituck County, to present the Moyock Service District Draft Prioritized Maintenance Assessment for Ditches 1 through 6.

Mr. Weatherly started his presentation by explaining the Moyock Watershed District and the drainage study that had been prepared by the County. He also explained the location of the ditches 1 through 6 within the Moyock Watershed District. He said the study has nineteen items needing to be addressed which are listed in priority order on the maintenance assessment. The Moyock Watershed Service District currently pays an additional district tax rate of 1 and 1/2 cents per $100 valuation. Mr. Weatherly said this rate is barely enough to keep the ditches cleaned out from fallen trees. The County will have to raise the additional district tax rate to 5 cents per $100 valuation in order to pay for the cost of the needed improvements for ditches 1 through 6 which will take three years of the additional taxes for the cost to be completely covered. This was presented at the Board of Commissioners last budget session. Mr. Weatherly referenced priority #5 which relates to Moyock Commons and will cost $21,300. Mr. Weatherly said there is no reason we should not turn the drainage study down. It will improve the problems we have with drainage in this area.

Mr. Craddock asked if any special permits will be needed such as CAMA or Army Corps of Engineers. Mr. Weatherly said he did not believe it will. Ms. Glave stated since these are not navigable waters, no special permits should be needed.

Discussion was held on whether the additional tax rate would continue past the three year period, if the improvements would be a permanent fix, and when the improvements will begin, if approved. Mr. Weatherly said the Board of Commissioners could reverse the tax after a three year period, but the improvements would not be a permanent fix and the ditches would need continual maintenance. The improvements could begin as early as July 1, 2017, if the additional tax is approved by the Board of Commissioners for the next fiscal year.

Chairman Bell thanked Mr. Weatherly for his presentation and closed the discussion.

THE APPLICATION AND RELATED MATERIALS ARE AVAILABLE ON THE COUNTY'S WEBSITE
Board of Commissioners: www.co.currituck.nc.us/board-of-commissioners-minutes-current.cfm

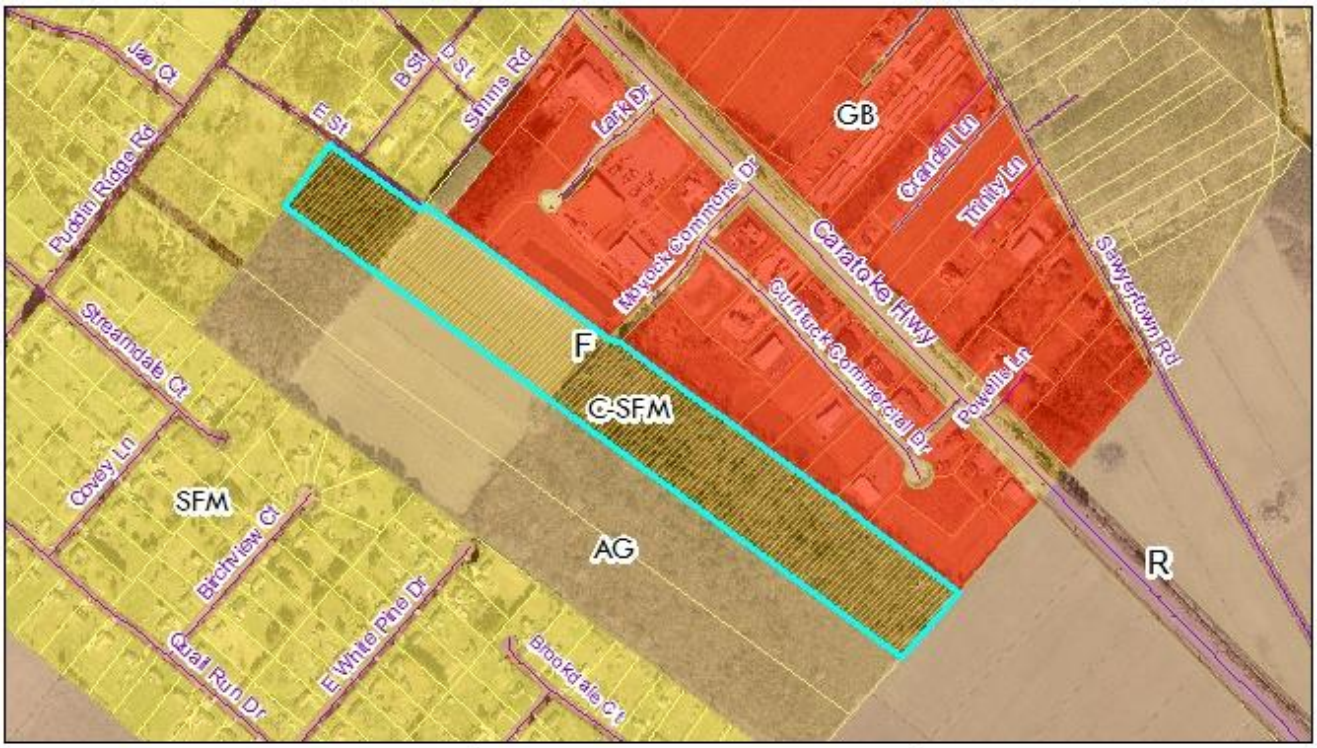
Attachment: Moyock Commons, P1, PP-UP BOC 6-5-17 (1822 : PB 13-12 Moyock Commons, Phase 1)



PB 13-12 Moyock Commons, Phase 1
Preliminary Plat/Use Permit
Aerial Photography

0 300 600 1,200 Feet

Currituck County
Planning and
Community Development



PB 13-12 Moyock Commons, Phase 1
Preliminary Plat/Use Permit
Zoning

0 300 600 1,200 Feet

Currituck County
Planning and
Community Development

Attachment: Moyock Commons, P1, PP-UP BOC 6-5-17 (1822 : PB 13-12 Moyock Commons, Phase 1)



PB 13-12 Moyock Commons, Phase 1
Preliminary Plat/Use Permit
Land Use Plan Classification

0 300 600 1,200 Feet

Currituck County
Planning and
Community Development



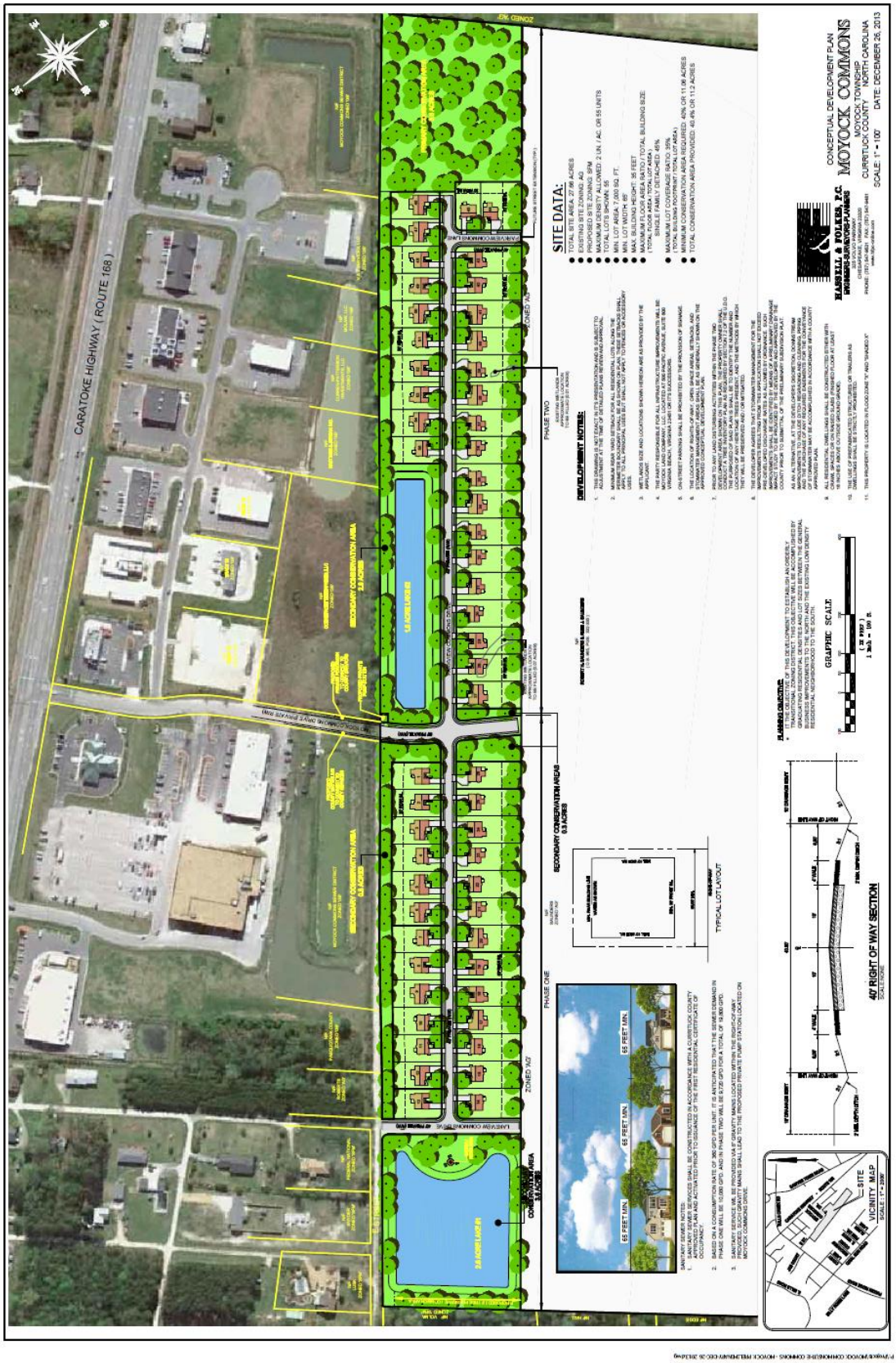
PB 13-12 Moyock Commons, Phase 1
Preliminary Plat/Use Permit
Moyock Small Area Plan Classification

0 300 600 1,200 Feet

Currituck County
Planning and
Community Development

Attachment: Moyock Commons, P1, PP-UP BOC 6-5-17 (1822 : PB 13-12 Moyock Commons, Phase 1)

APPROVED CONDITIONAL REZONING CONCEPTUAL PLAN



Attachment: Moyock Commons, P1, PP-UP BOC 6-5-17 (1822 : PB 13-12 Moyock Commons, Phase 1)

Attachment: moyockcommonsapp-17jan18 (1822 : PB 13-12 Moyock Commons, Phase 1)

Major Subdivision
Application

OFFICIAL USE ONLY:
Case Number: _____
Date Filed: _____
Gate Keeper: _____
Amount Paid: _____

Contact Information

APPLICANT:
Name: Stuart Bonnell
Address: 325 Volvo Parkway
Chesapeake, VA 23320
Telephone: 757-547-9531
E-Mail Address: stuart@hfpc-online.com

PROPERTY OWNER:
Name: Chip Friedman
Address: 3500 Virginia Beach Boulevard, Suite 600
Virginia Beach, VA 23452
Telephone: 757-715-8600
E-Mail Address: csfriedman1@gmail.com

LEGAL RELATIONSHIP OF APPLICANT TO PROPERTY OWNER: Professional Civil Engineer

Request

Physical Street Address: Moyock Commons Drive
Parcel Identification Number(s): 0015-000-0079-0000
Subdivision Name: Moyock Commons
Number of Lots or Units: 55
Phase: 2 Phases are proposed

TYPE OF SUBMITTAL

- ☐ Conservation and Development Plan
- ☐ Amended Sketch Plan/Use Permit
- ☒ Preliminary Plat (or amended)
  - ☐ Type I OR ☒ Type II
- ☐ Construction Drawings (or amended)
- ☐ Final Plat (or amended)

TYPE OF SUBDIVISION

- ☒ Traditional Development
- ☐ Conservation Subdivision
- ☐ Planned Unit Development
- ☐ Planned Development

Conditional District-Single Family Mainland

I hereby authorize county officials to enter my property for purposes of determining compliance with all applicable standards. All information submitted and required as part of this process shall become public record.

Property Owner(s)/Applicant*

12-20-16
Date

*NOTE: Form must be signed by the owner(s) of record, contract purchaser(s), or other person(s) having a recognized property interest. If there are multiple property owners/applicants a signature is required for each.

Community Meeting, if applicable

Date Meeting Held: 9-27-16
Meeting Location: County Library - Moyock

Attachment: moyockcommonsapp-17jan18 (1822 : PB 13-12 Moyock Commons, Phase 1)

Use Permit Review Standards, if applicable

PUD Amended Sketch Plan/Use Permit, Type II Preliminary Plat

Purpose of Use Permit and Project Narrative (please provide on additional paper if needed):

Construct 55 single family, residential lots in compliance with PB 13 -12 Moyock Commons - Conditional Rezoning

The applicant shall provide a response to the each one of the following issues. The Board of Commissioners must provide specific findings of fact based on the evidence submitted. All findings shall be made in the affirmative for the Board of Commissioners to issue the use permit.

A. The use will not endanger the public health or safety.

The property shall be developed in accordance with the Conceptual Development Plan dated December 26, 2013

The Currituck County Board of Commissioners approved the request for this conditional rezoning on March 17, 2014.

All County and State standards apply

B. The use will not injure the value of adjoining or abutting lands and will be in harmony with the area in which it is located.

Landscape buffers and Conservation areas are proposed in accordance with the Conceptual Development Plan dated December 26, 2013

C. The use will be in conformity with the Land Use Plan or other officially adopted plan.

The property shall be developed in accordance with the Conceptual Development Plan dated December 26, 2013

D. The use will not exceed the county's ability to provide adequate public facilities, including, but not limited to, schools, fire and rescue, law enforcement, and other county facilities. Applicable state standards and guidelines shall be followed for determining when public facilities are adequate.

The property shall be developed in accordance with the Conceptual Development Plan dated December 26, 2013

and the documented zoning conditions.

I, the undersigned, do certify that all of the information presented in this application is accurate to the best of my knowledge, information, and belief. Further, I hereby authorize county officials to enter my property for purposes of determining zoning compliance. All information submitted and required as part of this application process shall become public record.

Property Owner(s)/Applicant*

12-20-16

Date

***NOTE: Form must be signed by the owner(s) of record, contract purchaser(s), or other person(s) having a recognized property interest. If there are multiple property owners/applicants a signature is required for each.**

FOR PRELIMINARY PLAT REVIEW

OF

MAJOR SUBDIVISION

FOR

MOYOCK COMMONS

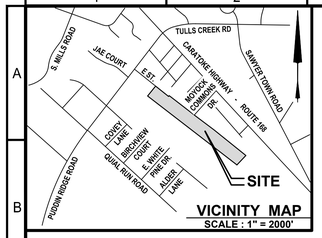
PHASE 1

TAX PARCEL ID#: 001500000790000

MOYOCK TOWNSHIP,

CURRITUCK COUNTY, NORTH CAROLINA

FEBRUARY, 2017



VICINITY MAP

SCALE : 1" = 2000'

COVER SHEET	C101
INDEX SHEET	C102
TOPOGRAPHY/ BOUNDARY SURVEY	C103
TOPOGRAPHY/ BOUNDARY SURVEY	C104
TOPOGRAPHY/ BOUNDARY SURVEY	C105
DEMOLITION, EROSION & SEDIMENT CONTROL PLAN(PH.1)	C106
DEMOLITION, EROSION & SEDIMENT CONTROL PLAN(PH.1)	C107
DEMOLITION, EROSION & SEDIMENT CONTROL PLAN(PH.2)	C107B
DEMOLITION, EROSION & SEDIMENT CONTROL PLAN(PH.2)	C108
E&S PLAN DRAINAGE AREA MAP	C108B
OVERALL LAYOUT & PHASING SCHEDULE PLAN	C109
CONSTRUCTION PLAN	C110
CONSTRUCTION PLAN	C111
CONSTRUCTION PLAN	C112
CONSTRUCTION PLAN	C113
CONSTRUCTION PLAN	C114
CONSTRUCTION PLAN	C115
DRAINAGE AREA MAP	C116
PROFILES	C117
PROFILES	C118
NOTES & DETAILS	C119
NOTES & DETAILS	C120
NOTES & DETAILS	C121
NOTES & DETAILS	C122
LANDSCAPE PLAN	L101
LANDSCAPE PLAN	L102
LANDSCAPE NOTES & DETAILS	L103

NOTES:

1. PROJECT NAME: MOYOCK COMMONS

2. **PROPERTY DATA:**
   PIN #0015-000-0079-0000.
   RECORDED REFERENCES: D.B. 1048, PG. 274
   PROPERTY ZONING:
   CDSFM (CONDITIONAL DISTRICT- SINGLE FAMILY MAINLAND).

3. TOTAL AREA OF SITE: 27.341 AC.
   TOTAL AREA OF LOTS: 13.063 AC.
   MINIMUM LOT AREA: 7000 SQ. FT. OR 0.161 AC.
   MIN. LOT WIDTH: 65'
   MAXIMUM LOT COVERAGE RATIO: 35%
   FRONT BUILDING SETBACK: 30'
   SIDE BUILDING SETBACK: 10'
   REAR BUILDING SETBACK: VARIES (SEE PLAN)
   MAXIMUM DENSITY ALLOWED: 2 UN. / AC. OR 55 UNITS
   TOTAL NUMBER OF PROPOSED LOTS: 55
   TOTAL AREA OF RIGHT-OF-WAY: 3.061 AC.
   MINIMUM CONSERVATION AREA REQUIRED: 40% OR 10.94 ACRES
   TOTAL CONSERVATION AREA PROVIDED: 11.22 AC. (41.0%)
   PRIMARY CONSERVATION AREA: 3.50 AC.
   SECONDARY CONSERVATION AREA: 7.72 AC.
   TOTAL DISTURBED AREA: 22.790 AC.
   ONSITE DISTURBED AREA: 22.322 AC.
   OFFSITE DISTURBED AREA: 0.468 AC.

4. TOTAL IMPERVIOUS AREA = 7.06 AC.
   - HOUSES = 3.79 AC.
   - DRIVEWAYS/LOT WALKS = 0.80 AC.
   - ROADS = 1.75 AC.
   - R/W WALKS = 0.72 AC.

5. WETLANDS SIZE AND LOCATIONS SHOWN HEREON ARE AS PROVIDED BY THE APPLICANT.

6. THE PROPERTY APPEARS TO LIE IN ZONE 'X,' AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, AND ZONE 'X'(SHADED), AREA OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD AS SCALED FROM COMMUNITY PANEL 372180 3100 J DATED DECEMBER 16, 2005 AND COMMUNITY PANEL 372180 2100 J DATED DECEMBER 16, 2005.

7. PROPOSED RIGHT-OF-WAY WIDTH: 50 FEET AND 40 FEET.
   PROPOSED PAVED ROADWAY WIDTH 30 FEET AND 20 FEET.

8. BOUNDARY TAKEN FROM RECENT GROUND SURVEY BY HASSELL & FOLKES P.C. AND FROM D.B. 1048, PG. 274 AS WELL AS RECORDED PLATS AND DEEDS OF THE SURROUNDING PROPERTIES.

9. ALL UTILITIES (INCLUDING, BUT NOT LIMITED TO: ELECTRIC POWER, TELEPHONE, GAS DISTRIBUTION, CABLE TELEVISION, POTABLE WATER, SEWER, ETC.) LOCATED OUTSIDE AN EXISTING STREET RIGHT-OF-WAY AND INTENDED TO SERVE NEW DEVELOPMENT SHALL BE UNDERGROUND. PER UDO SECTION 6.2.3.

10. WHENEVER A SUBDIVIDER INSTALLS OR CAUSES TO BE INSTALLED ANY UTILITY LINE IN ANY PUBLIC RIGHT-OF-WAY, THE SUBDIVIDER SHALL, AS SOON AS PRACTICABLE AFTER INSTALLATION IS COMPLETE, AND BEFORE ACCEPTANCE OF ANY WATER OR SEWER LINE, FURNISH THE COUNTY WITH A COPY OF A DRAWING THAT SHOWS THE EXACT LOCATION OF SUCH UTILITY LINES (PRIOR TO APPROVAL OF A FINAL PLAT). PER UDO SECTION 6.2.3.

SANITARY SEWER NOTES:

1. SANITARY SEWER SERVICES SHALL BE CONSTRUCTED IN ACCORDANCE WITH A CURRITUCK COUNTY APPROVED PLAN AND ACTIVATED PRIOR TO ISSUANCE OF THE FIRST RESIDENTIAL CERTIFICATE OF OCCUPANCY.

2. BASED ON A CONSUMPTION RATE OF 360 GPD PER UNIT. IT IS ANTICIPATED THAT THE SEWER DEMAND IN PHASE ONE WILL BE 10,080 GPD. AND IN PHASE TWO WILL BE 9,720 GPD FOR A TOTAL OF 19,800 GPD.

3. SANITARY SERVICE WIL BE PROVIDED VIA 8" GRAVITY MAINS LOCATED WITHIN THE RIGHT-OF-WAY PROVIDED. SUCH GRAVITY MAINS SHALL LEAD TO THE EXISTING PRIVATE PUMP STATION LOCATED ON MOYOCK COMMONS DRIVE.

PLANNING OBJECTIVE:

- IT THE OBJECTIVE OF THIS DEVELOPMENT TO ESTABLISH AN ORDERLY TRANSITIONAL ZONING DISTRICT. THIS OBJECTIVE WILL BE ACCOMPLISHED BY GRADUATING RESIDENTIAL DENSITIES AND LOT SIZES BETWEEN THE GENERAL BUSINESS IMPROVEMENTS TO THE NORTH AND THE EXISTING LOW DENSITY RESIDENTIAL NEIGHBORHOOD TO THE SOUTH.

STREET CONNECTIVITY INDEX SCORE = 2.67
(8 LINKS/3NODES)

DEVELOPER

MOYOCK LAND COMPANY, LLC.
MR. CHIP FRIEDMAN
CSFRIEDMAN1@GMAIL.COM
3500 VA. BEACH BLVD., SUITE 600
VIRGINIA BEACH, VIRGINIA 23452
PHONE: 757-718-8600 (CELL)

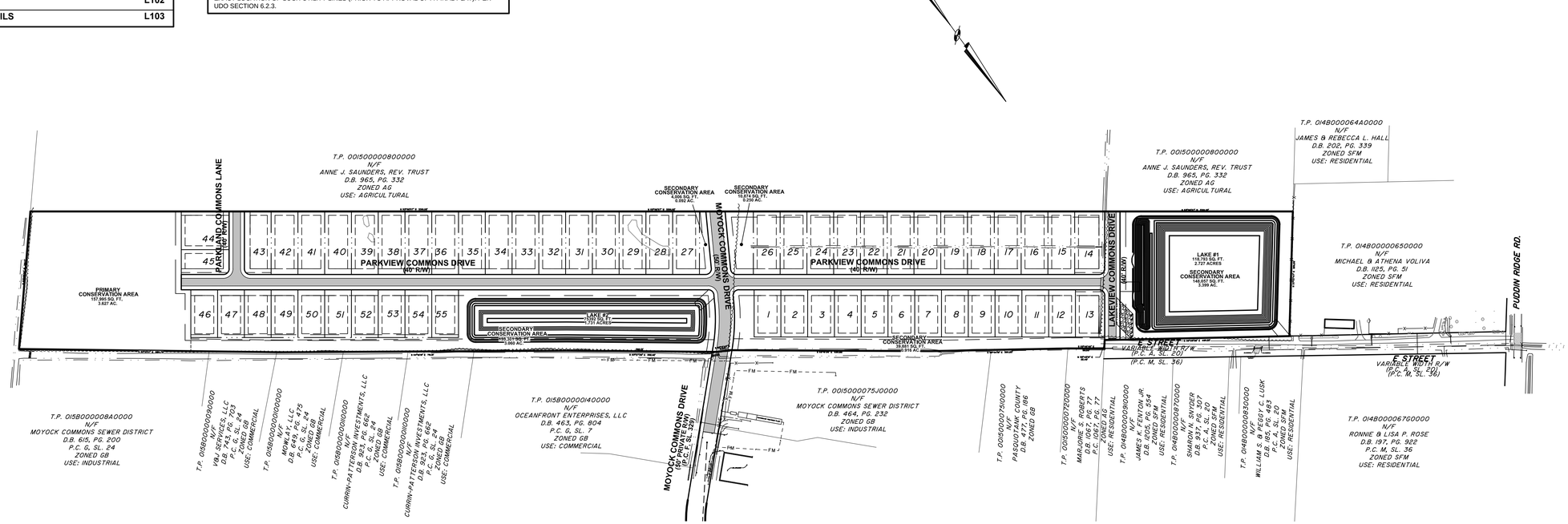
ZONING CONDITIONS:

FROM CURRITUCK COUNTY PLANNING AND COMMUNITY DEVELOPMENT CONDITIONAL REZONING APPROVAL LETTER DATED MARCH 18, 2014.

1. MINIMUM REAR YARD SETBACK FOR ALL RESIDENTIAL LOTS ALONG THE PERIMETER BOUNDARY SHALL BE AS SHOWN ON PLAN. THESE SETBACKS SHALL APPLY TO ALL PRINCIPAL USES BUT SHALL NOT APPLY TO FENCES OR ACCESSORY STRUCTURES. IN NO INSTANCE SHALL SETBACKS BE LESS THAN ALLOWED BY THE UDO.
2. PRIOR TO ANY LAND DISTURBING ACTIVITIES WITHIN THE DEVELOPMENT, THE PROPERTY OWNER SHALL CONDUCT A TREE INVENTORY PLAN AS REQUIRED BY SECTION 7.2 OF THE UDO. THE PURPOSE OF SAID PLAN SHALL BE TO IDENTIFY THE NUMBER AND LOCATION OF ANY HERITAGE TREES PRESENT AND THE METHODS BY WHICH THEY WILL BE PRESERVED.
3. THAT AN EFFORT BE MADE TO WORK WITH THE OWNER OF THE EXISTING COMMERCIAL SHOPPING CENTER TO EXTEND A SIDEWALK FROM THE PROPOSED DEVELOPMENT TO THE SHOPPING CENTER.
4. THE PROPERTY SHALL BE DEVELOPED IN ACCORDANCE WITH THE CONCEPTUAL DEVELOPMENT PLAN DATED DECEMBER 26, 2013.
5. ON-STREET PARKING SHALL BE PROHIBITED BY THE PROVISION OF SIGNAGE.
6. THE LOCATION OF RIGHTS-OF-WAY, OPEN SPACE AREAS, SETBACKS, AND STORMWATER MANAGEMENT AREAS SHALL BE AS GENERALLY SHOWN ON THE APPROVED CONCEPTUAL DEVELOPMENT PLAN.
7. THE DEVELOPER AGREES THAT STORMWATER MANAGEMENT FOR THE IMPROVEMENTS RESULTING FROM THIS APPLICATION SHALL NOT EXCEED PRE-DEVELOPED DISCHARGE RATES AS ALLOWED BY ORDINANCE. SUCH IMPROVEMENTS SHALL BE IDENTIFIED BY MEANS OF A PRELIMINARY DRAINAGE IMPACT STUDY TO BE PROVIDED BY THE DEVELOPER AND APPROVED BY THE COUNTY PRIOR TO SUBMITTAL OF THE PRELIMINARY SUBDIVISION PLAT. AS AN ALTERNATIVE, AT THE DEVELOPER'S DISCRETION, DOWNSTREAM IMPROVEMENTS TO INCLUDE DITCH REGARDING AND CLEANING, PIPING AND THE PURCHASE OF ANY REQUIRED EASEMENTS FOR THE CONVEYANCE OF STORMWATER MAY BE ACCOMPLISHED IN ACCORDANCE WITH A COUNTY APPROVED PLAN.
8. ALL RESIDENTIAL DWELLINGS SHALL BE CONSTRUCTED EITHER WITH CRAWL SPACES OR ON RAISED SLABS (FINISHED FLOOR AT LEAST 16 INCHES ABOVE OUTSIDE GROUND GRADE)
9. THE USE OF PREFABRICATED STRUCTURES OR TRAILERS AS DWELLINGS SHALL BE STRICTLY PROHIBITED.

LEGEND

EXISTING:	PROPOSED:	DESCRIPTION:
L.P.		LIGHT POLE
P.P.		POWER POLE
T.P.		TELEPHONE POLE
F.P.		FLAG POLE
M.B.		MAIL BOX
		LIGHT POST
G.P.		GUARD POST
		SIGN
		BARRICADE
		FENCE
CONC.		CONCRETE
F.H.	F.H.	FIRE HYDRANT
W.V.	W.V.	WATER VALVE
W.M.	W.M.	WATER METER
SAN. M.H.	SAN. M.H.	SANITARY MANHOLE
C.O.	C.O.	SANITARY CLEAN OUT
ELEC. M.H.		ELECTRICAL MANHOLE
STM. M.H.	ST. MH	STORM MANHOLE
TEL. M.H.		TELEPHONE MANHOLE
D.I.	D.I.	DROP INLET
M.D.I.	M.D.I.	MULTIPLE DROP INLET
C.B.	C.B.	CATCH BASIN
M.C.B.	M.C.B.	MULTIPLE CATCH BASIN
G.M.		GAS METER
G.V.		GAS VALVE
STACK		STORM PIPE
		SANITARY SEWER
T.C.B.		TRAFFIC CONTROL BOX
COMM.		COMMUNICATIONS WITNESS POST
TRANS.		TRANSFORMER
T		UNDERGROUND TELEPHONE CABLE
E		UNDERGROUND ELECTRIC CABLE
UGL		UNDERGROUND GAS LINE
OHE		OVERHEAD ELECTRIC WIRES
		SOIL BORING LOCATION
TREE	TREE	TREE



GRAPHIC SCALE

150 0 75 150 300 600

(IN FEET)

1 inch = 150 ft.

NOTIFY
Miss Utilities At
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of Existing Utilities

HASSELL & FOLKES, P.C.
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CHESAPEAKE, VIRGINIA 23320
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www.hfpc-online.com

Project No.	13-05
Date	02/15/201
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Checked	SW

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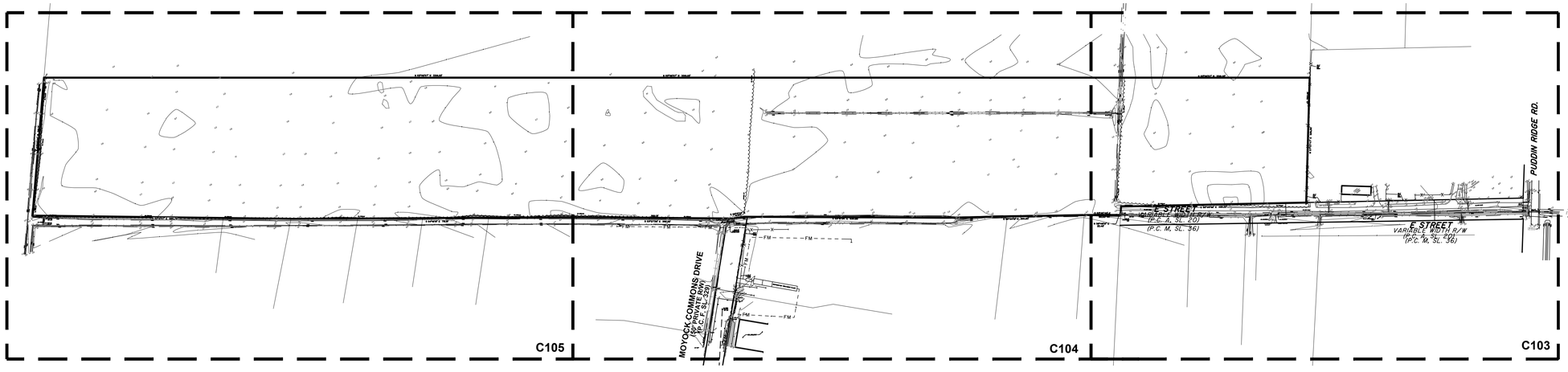
NORTH CAROLINA
PROFESSIONAL
STUART W. BONNELL
ENGINEER
02-15-2017
019907

CONSTRUCTION PLAN OF
MAJOR SUBDIVISION
FOR
MOYOCK COMMONS
COVER SHEET
TAX PARCEL 001500000790000
MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

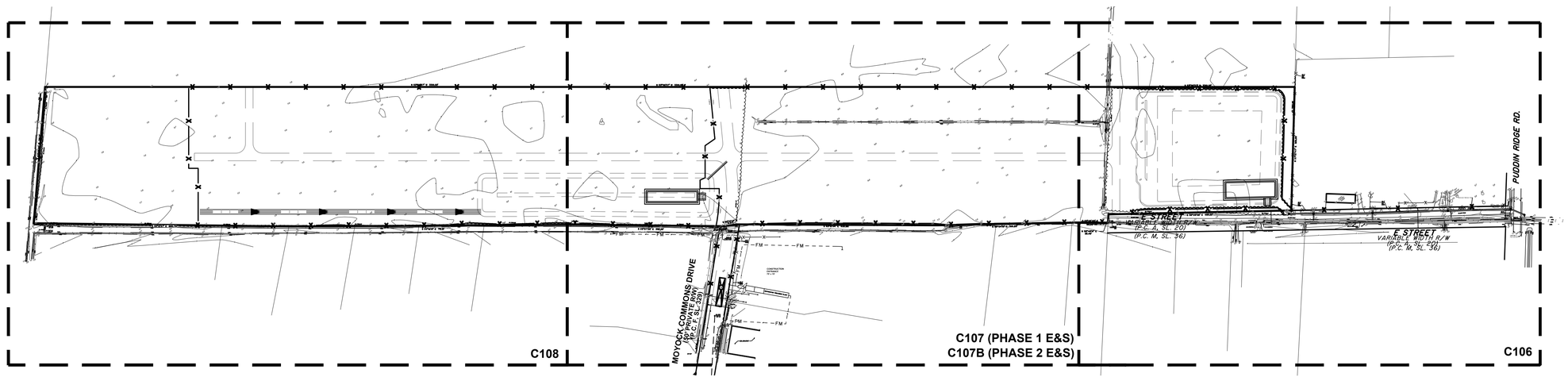
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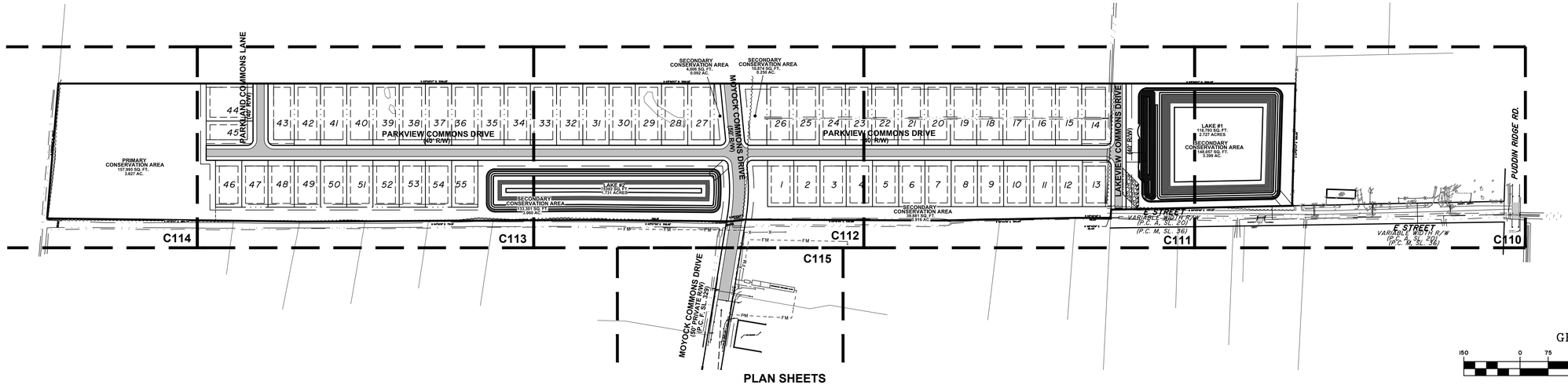
Attachment: MC_SP (1822 : PB 13-12 Moyock Commons, Phase 1)



TOPOGRAPHIC SHEETS



DEMOLISION AND EROSION & SEDIMENT CONTROL SHEETS



PLAN SHEETS
(SEE SHEET C109 FOR OVERALL LAYOUT & PHASING SCHEDULE PLAN)

GRAPHIC SCALE

150 0 75 150 300 600

(IN FEET)
1 inch = 150 ft.

NOTIFY
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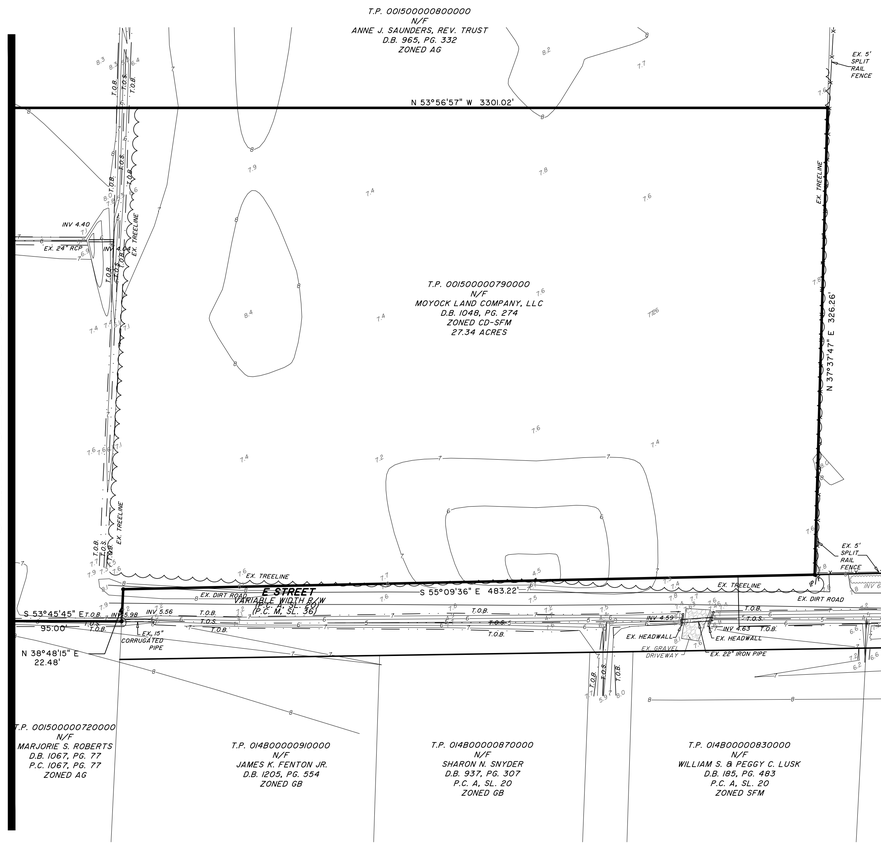
NORTH CAROLINA
PROFESSIONAL
02-15-2017
019907
ENGINEER
STUART W. BONNELL

CONSTRUCTION PLAN OF
OF
MAJOR SUBDIVISION
FOR
MOYOCK COMMONS
INDEX SHEET
TAX PARCEL 001500000790000
MOYOCK TOWNSHIP

C102

Attachment: MC SP (1822 : PB 13-12 Moyock Commons, Phase 1)

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GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

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02-15-2017
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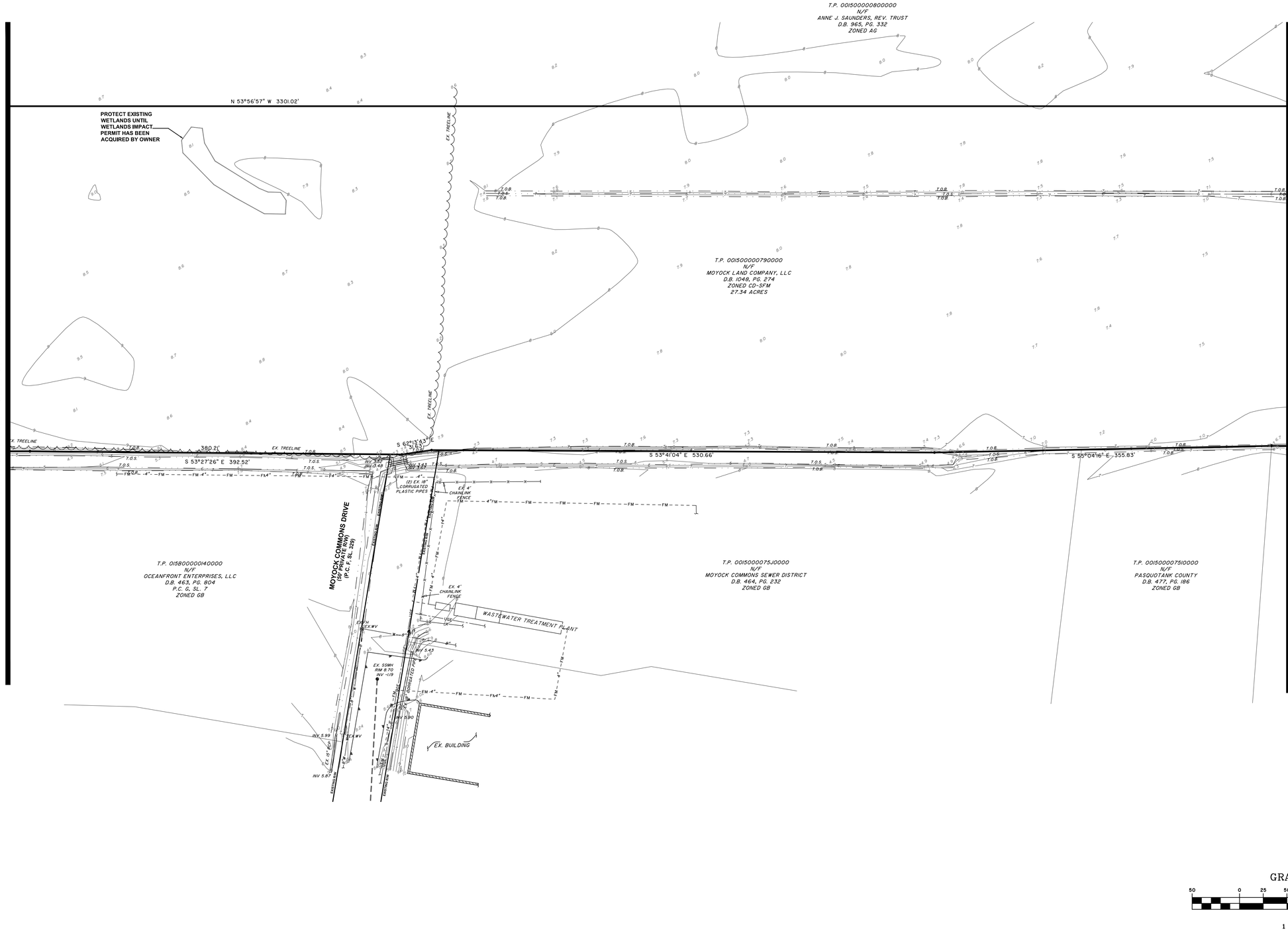
CONSTRUCTION PLAN OF
MAJOR SUBDIVISION
FOR
MOYOCK COMMONS
TOPOGRAPHY/ BOUNDARY SURVEY

TAX PARCEL 001500000790000
MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

C103

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Attachment: MC_SP (1822 : PB 13-12 Moyock Commons, Phase 1)



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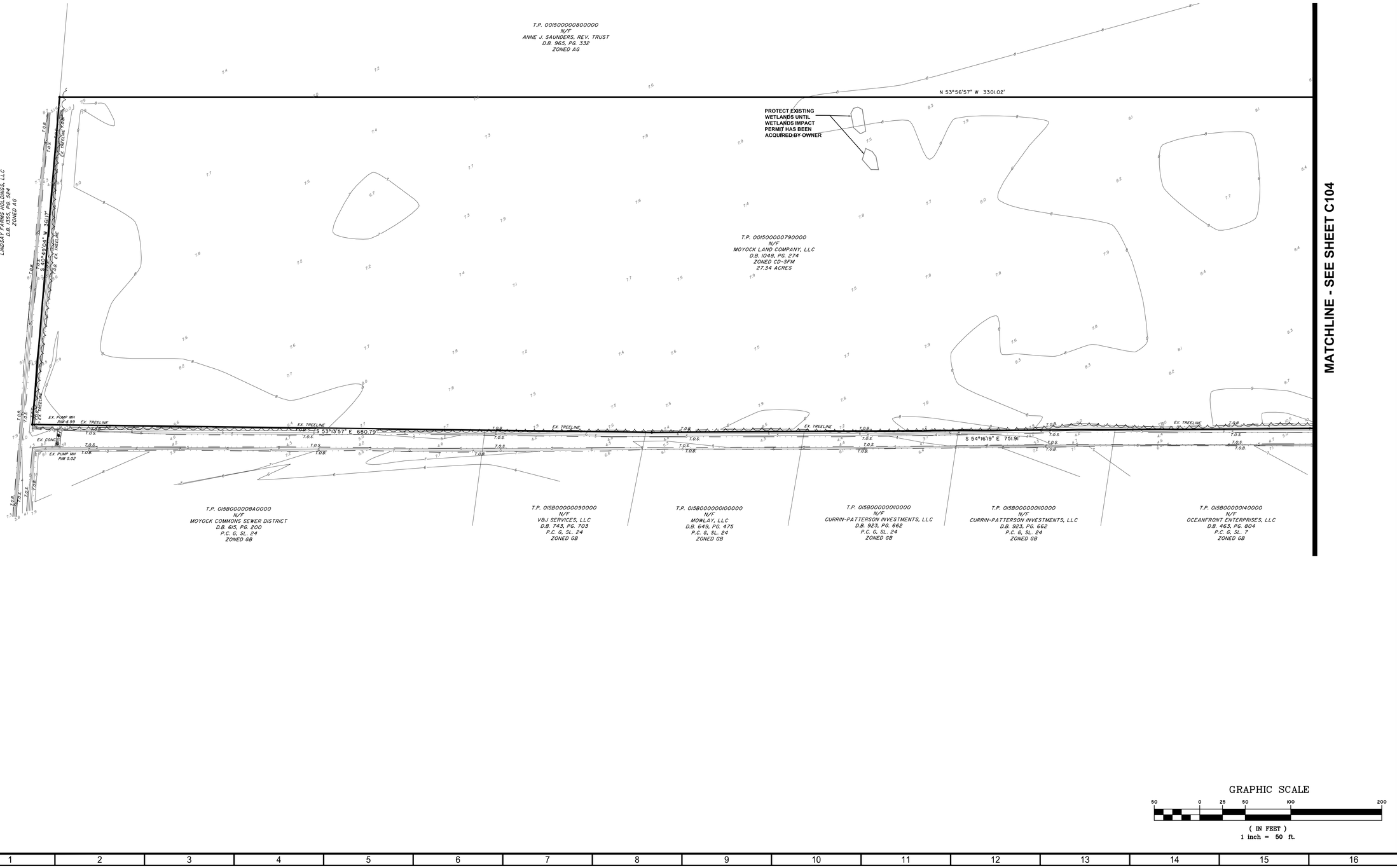
NORTH CAROLINA
PROFESSIONAL
STUART W. BONNELL
ENGINEER
02-15-2017
019907

CONSTRUCTION PLAN OF
MAJOR SUBDIVISION
FOR
MOYOCK COMMONS
TOPOGRAPHY/ BOUNDARY SURVEY
TAX PARCEL 00150000790000
MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

C104

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Attachment: MC_SP (1822 : PB 13-12 Moyock Commons, Phase 1)



MATCHLINE - SEE SHEET C104

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

NOTIFY
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1-800-552-7001
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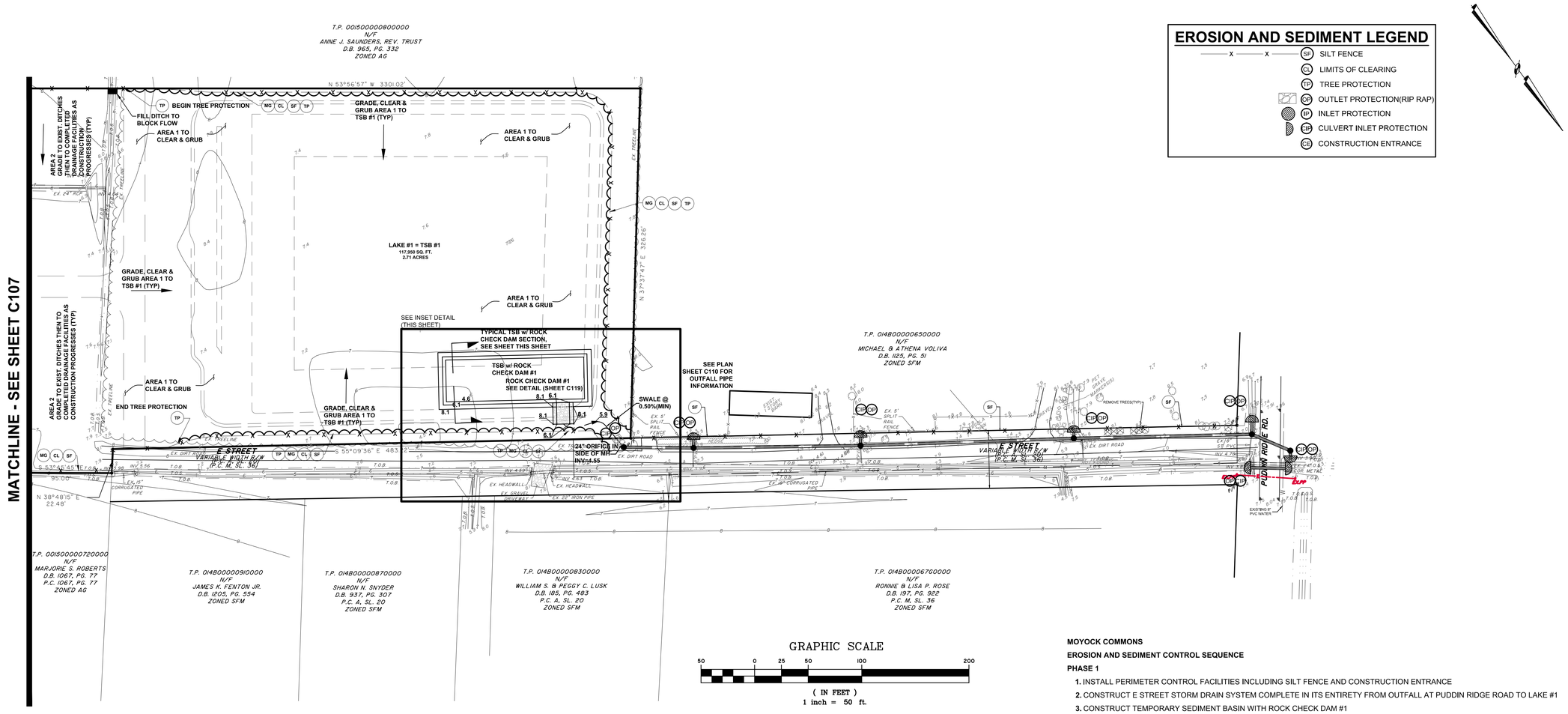
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ENGINEER
02-15-2017
019907

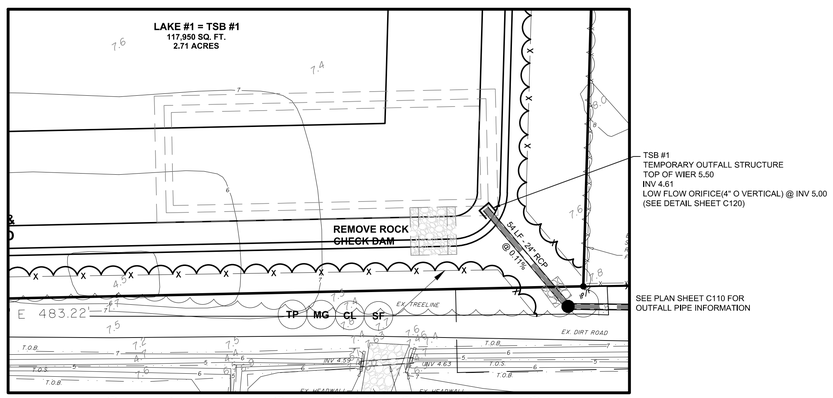
CONSTRUCTION PLAN OF
MAJOR SUBDIVISION
FOR
MOYOCK COMMONS
TOPOGRAPHY/ BOUNDARY SURVEY
TAX PARCEL 00150000790000
MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

C105

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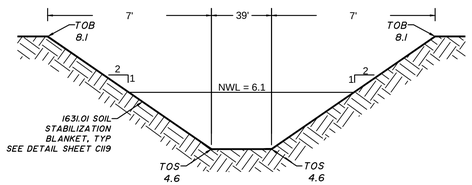
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INSET DETAIL FOR TSB#1 COMPLETION

SCALE: 1" = 30'



TSB w/ ROCK CHECK DAM #1 - TYPICAL SECTION

SCALE: NONE

MOYOCK COMMONS

EROSION AND SEDIMENT CONTROL SEQUENCE

PHASE 1

1. INSTALL PERIMETER CONTROL FACILITIES INCLUDING SILT FENCE AND CONSTRUCTION ENTRANCE
2. CONSTRUCT E STREET STORM DRAIN SYSTEM COMPLETE IN ITS ENTIRETY FROM OUTFALL AT PUDDIN RIDGE ROAD TO LAKE #1
3. CONSTRUCT TEMPORARY SEDIMENT BASIN WITH ROCK CHECK DAM #1
4. CLEAR AND GRUB AREA 1 AND GRADE AREA 1 TO TSB WITH ROCK CHECK DAM #1
5. CONSTRUCT LAKE #1 AND USE AS TEMPORARY SEDIMENT BASIN (TSB #1)
6. FILL DITCH WHERE INDICATED AT SOUTH CORNER OF CLEAR AND GRUB AREA 1
7. INSTALL PORTION OF STORM DRAIN FACILITIES TO DRAIN PHASE 1 TO TSB #1
8. INSTALL SOIL MATTING ON ALL DITCHES AS CONSTRUCTION OF DRAINAGE FACILITIES PROGRESS
9. INSTALL INLET AND OUTLET PROTECTION AS CONSTRUCTION OF DRAINAGE FACILITIES PROGRESS
10. CLEAR AND GRUB AREA 2 AND GRADE AREA 2 TO EXISTING DITCH
11. INSTALL REMAINING STORM DRAIN FACILITIES
12. BEGIN LOT GRADING AND ALL PROPOSED UTILITIES
13. GRADE PHASE 1 CONSTRUCTION TO COMPLETED STORM DRAIN FACILITIES AND TSB
14. ADD TEMPORARY SEEDING TO STABILIZE GRADED SURFACES.
15. COMPLETE LOT GRADING
16. CONSTRUCT TEMPORARY DROP INLET #1-4
17. FINISH GRADING/TOPSOILING/SEEDING.
18. INSTALL LANDSCAPING.

PHASE 2

1. INSTALL PERIMETER CONTROL FACILITIES INCLUDING SILT FENCE.
2. CLEAR AND GRUB MINIMUM PORTION OF AREA #3 FOR CONSTRUCTING TEMPORARY SEDIMENT BASIN WITH ROCK CHECK DAM #2
3. REMOVE TEMPORARY INLET #1-4
4. CONSTRUCT TEMPORARY SEDIMENT BASIN WITH ROCK CHECK DAM #2
5. CLEAR AND GRUB MINIMUM PORTION OF AREA 3 FOR CONSTRUCTING LAKE #2 AND PROPOSED DITCH TO LAKE #2
6. INSTALL SOIL MATTING ON ALL DITCHES AS CONSTRUCTION OF DRAINAGE FACILITIES PROGRESS
7. INSTALL INLET AND OUTLET PROTECTION AS CONSTRUCTION OF DRAINAGE FACILITIES PROGRESS
8. CLEAR AND GRUB REMAINDER OF AREA 3
9. GRADE PHASE 2 TO PROPOSED DITCH AND LAKE #2
10. INSTALL STORM DRAIN FACILITIES TO DRAIN PHASE 2 TO LAKE #2
11. BEGIN LOT GRADING AND ALL PROPOSED UTILITIES
12. GRADE PHASE 2 CONSTRUCTION TO COMPLETED STORM DRAIN FACILITIES AND LAKE #2
13. ADD TEMPORARY SEEDING TO STABILIZE GRADED SURFACES.
14. COMPLETE LOT GRADING
15. CONSTRUCT ROADWAY AND UTILITIES.
16. FINISH GRADING/TOPSOILING/SEEDING.
17. INSTALL LANDSCAPING.

NOTIFY
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or 811 For Location
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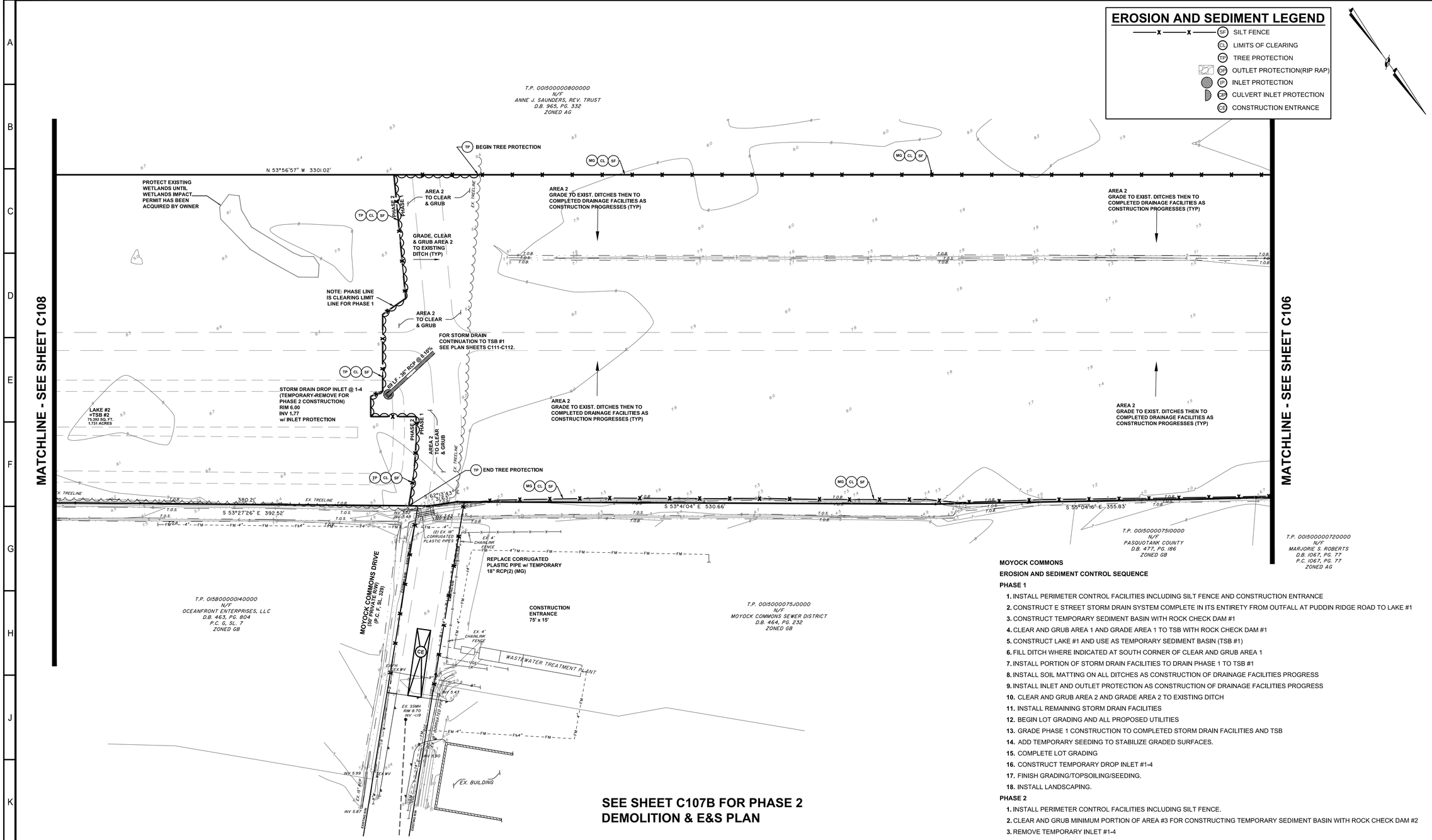
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL STUART W. BONNELL 02-15-2017 019907

CONSTRUCTION PLAN OF
OF
MAJOR SUBDIVISION
FOR
MOYOCK COMMONS
DEMOLITION, EROSION, &
SEDIMENT CONTROL PLAN (PHASE 1)
TAX PARCEL 00150000790000
MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

C106

Attachment: MC_SP (1822 : PB 13-12 Moyock Commons, Phase 1)

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MOYOCK COMMONS

EROSION AND SEDIMENT CONTROL SEQUENCE

PHASE 1

1. INSTALL PERIMETER CONTROL FACILITIES INCLUDING SILT FENCE AND CONSTRUCTION ENTRANCE
2. CONSTRUCT E STREET STORM DRAIN SYSTEM COMPLETE IN ITS ENTIRETY FROM OUTFALL AT PUDDIN RIDGE ROAD TO LAKE #1
3. CONSTRUCT TEMPORARY SEDIMENT BASIN WITH ROCK CHECK DAM #1
4. CLEAR AND GRUB AREA 1 AND GRADE AREA 1 TO TSB WITH ROCK CHECK DAM #1
5. CONSTRUCT LAKE #1 AND USE AS TEMPORARY SEDIMENT BASIN (TSB #1)
6. FILL DITCH WHERE INDICATED AT SOUTH CORNER OF CLEAR AND GRUB AREA 1
7. INSTALL PORTION OF STORM DRAIN FACILITIES TO DRAIN PHASE 1 TO TSB #1
8. INSTALL SOIL MATTING ON ALL DITCHES AS CONSTRUCTION OF DRAINAGE FACILITIES PROGRESS
9. INSTALL INLET AND OUTLET PROTECTION AS CONSTRUCTION OF DRAINAGE FACILITIES PROGRESS
10. CLEAR AND GRUB AREA 2 AND GRADE AREA 2 TO EXISTING DITCH
11. INSTALL REMAINING STORM DRAIN FACILITIES
12. BEGIN LOT GRADING AND ALL PROPOSED UTILITIES
13. GRADE PHASE 1 CONSTRUCTION TO COMPLETED STORM DRAIN FACILITIES AND TSB
14. ADD TEMPORARY SEEDING TO STABILIZE GRADED SURFACES.
15. COMPLETE LOT GRADING
16. CONSTRUCT TEMPORARY DROP INLET #1-4
17. FINISH GRADING/TOPSOILING/SEEDING.
18. INSTALL LANDSCAPING.

PHASE 2

1. INSTALL PERIMETER CONTROL FACILITIES INCLUDING SILT FENCE.
2. CLEAR AND GRUB MINIMUM PORTION OF AREA #3 FOR CONSTRUCTING TEMPORARY SEDIMENT BASIN WITH ROCK CHECK DAM #2
3. REMOVE TEMPORARY INLET #1-4
4. CONSTRUCT TEMPORARY SEDIMENT BASIN WITH ROCK CHECK DAM #2
5. CLEAR AND GRUB MINIMUM PORTION OF AREA 3 FOR CONSTRUCTING LAKE #2 AND PROPOSED DITCH TO LAKE #2
6. INSTALL SOIL MATTING ON ALL DITCHES AS CONSTRUCTION OF DRAINAGE FACILITIES PROGRESS
7. INSTALL INLET AND OUTLET PROTECTION AS CONSTRUCTION OF DRAINAGE FACILITIES PROGRESS
8. CLEAR AND GRUB REMAINDER OF AREA 3
9. GRADE PHASE 2 TO PROPOSED DITCH AND LAKE #2
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12. GRADE PHASE 2 CONSTRUCTION TO COMPLETED STORM DRAIN FACILITIES AND LAKE #2
13. ADD TEMPORARY SEEDING TO STABILIZE GRADED SURFACES.
14. COMPLETE LOT GRADING
15. CONSTRUCT ROADWAY AND UTILITIES.
16. FINISH GRADING/TOPSOILING/SEEDING.
17. INSTALL LANDSCAPING.

NOTIFY Miss Utilities At 1-800-552-7001 or 811 For Location of Existing Utilities

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 019907 STUART W. BONNELL 02-15-2017

CONSTRUCTION PLAN OF MAJOR SUBDIVISION FOR **MOYOCK COMMONS** SEDIMENT CONTROL PLAN (PHASE 1)
TAX PARCEL 0015000007900O
MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

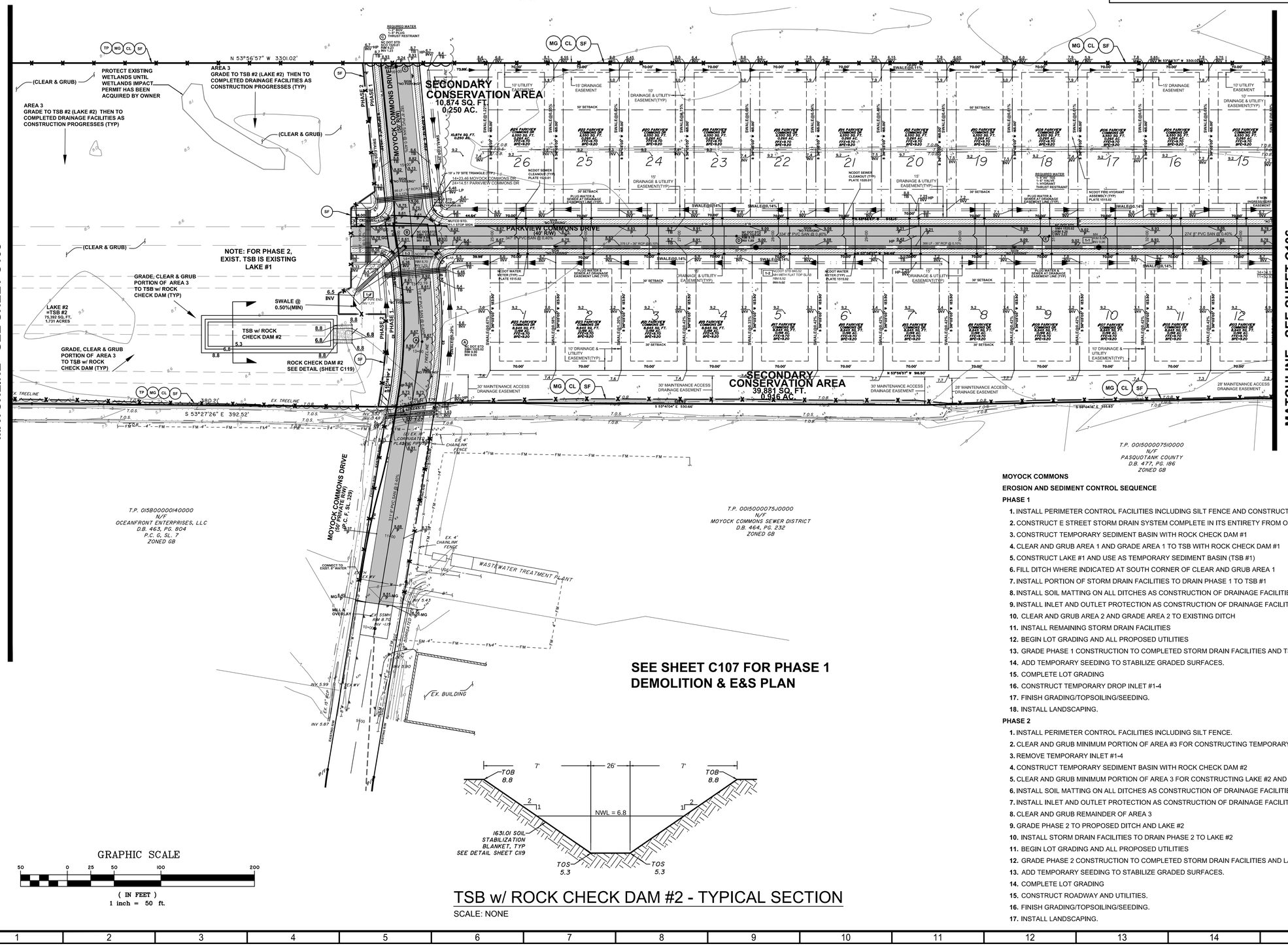
C107

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EROSION AND SEDIMENT LEGEND

- SF — SILT FENCE
- CL — LIMITS OF CLEARING
- TP — TREE PROTECTION
- OP — OUTLET PROTECTION(RIP RAP)
- IP — INLET PROTECTION
- CIP — CULVERT INLET PROTECTION
- CE — CONSTRUCTION ENTRANCE



TSB w/ ROCK CHECK DAM #2 - TYPICAL SECTION

SCALE: NONE

MOYOCK COMMONS

EROSION AND SEDIMENT CONTROL SEQUENCE

PHASE 1

1. INSTALL PERIMETER CONTROL FACILITIES INCLUDING SILT FENCE AND CONSTRUCTION ENTRANCE
2. CONSTRUCT E STREET STORM DRAIN SYSTEM COMPLETE IN ITS ENTIRETY FROM OUTFALL AT PUDDIN RIDGE ROAD TO LAKE #1
3. CONSTRUCT TEMPORARY SEDIMENT BASIN WITH ROCK CHECK DAM #1
4. CLEAR AND GRUB AREA 1 AND GRADE AREA 1 TO TSB WITH ROCK CHECK DAM #1
5. CONSTRUCT LAKE #1 AND USE AS TEMPORARY SEDIMENT BASIN (TSB #1)
6. FILL DITCH WHERE INDICATED AT SOUTH CORNER OF CLEAR AND GRUB AREA 1
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15. COMPLETE LOT GRADING
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17. FINISH GRADING/TOPSOILING/SEEDING.
18. INSTALL LANDSCAPING.

PHASE 2

1. INSTALL PERIMETER CONTROL FACILITIES INCLUDING SILT FENCE.
2. CLEAR AND GRUB MINIMUM PORTION OF AREA #3 FOR CONSTRUCTING TEMPORARY SEDIMENT BASIN WITH ROCK CHECK DAM #2
3. REMOVE TEMPORARY INLET #1-4
4. CONSTRUCT TEMPORARY SEDIMENT BASIN WITH ROCK CHECK DAM #2
5. CLEAR AND GRUB MINIMUM PORTION OF AREA 3 FOR CONSTRUCTING LAKE #2 AND PROPOSED DITCH TO LAKE #2
6. INSTALL SOIL MATTING ON ALL DITCHES AS CONSTRUCTION OF DRAINAGE FACILITIES PROGRESS
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14. COMPLETE LOT GRADING
15. CONSTRUCT ROADWAY AND UTILITIES.
16. FINISH GRADING/TOPSOILING/SEEDING.
17. INSTALL LANDSCAPING.

NOTIFY
Miss Utilities At
1-800-552-7001
or 811 For Location
of Existing Utilities

HASSELL & FOLKES, P.C.
ENGINEERS-SURVEYORS-PLANNERS
325 VOLVO PARKWAY
CHESAPEAKE, VIRGINIA 23320
PHONE: (757) 547-9523 FAX: (757) 547-9461
www.hfpc-online.com

Project No.	13-05
Date	02/15/201
Scale	1" = 5
Drawn	WF
Checked	SW

MARK	REVISION	DATE	APPR.

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 019907 STUART W. BONNELL 02-15-2017

CONSTRUCTION PLAN OF
MAJOR SUBDIVISION
FOR
MOYOCK COMMONS
DEMOLITION, EROSION, & SEDIMENT CONTROL PLAN (PHASE 2)
TAX PARCEL 00150000790000
MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

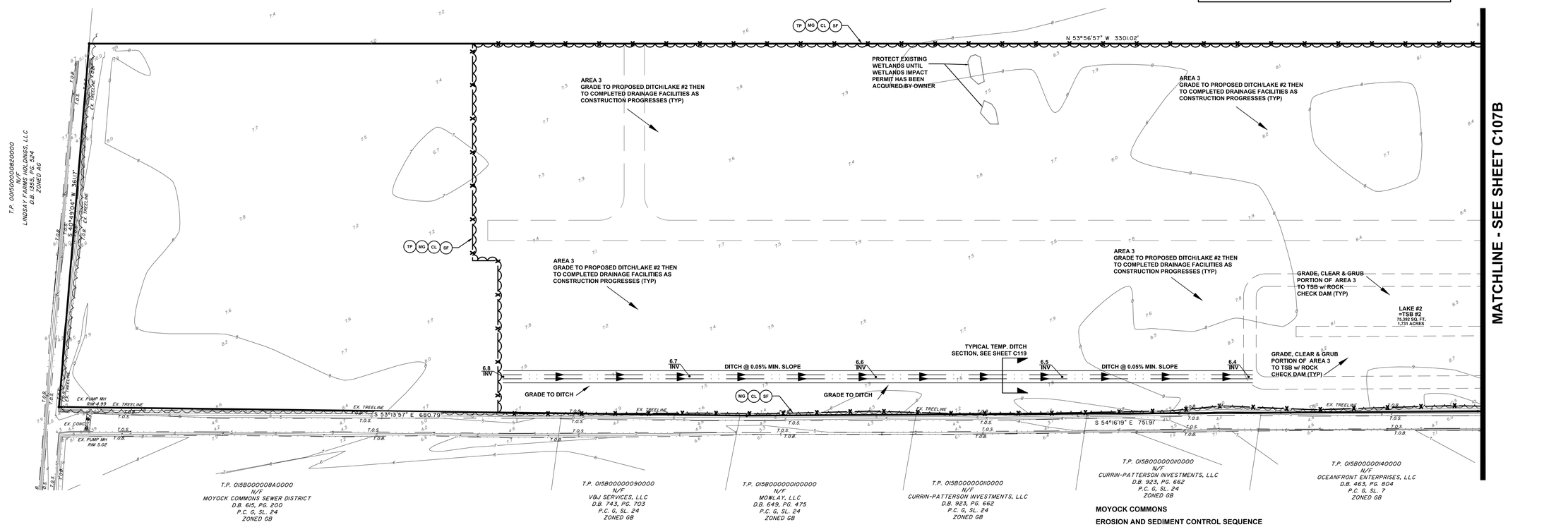
C107B

Attachment: MC_SP (1822 : PB 13-12 Moyock Commons, Phase 1)

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EROSION AND SEDIMENT LEGEND

- SF — SILT FENCE
- CL — LIMITS OF CLEARING
- TP — TREE PROTECTION
- OP — OUTLET PROTECTION(RIP RAP)
- IP — INLET PROTECTION
- IIP — CULVERT INLET PROTECTION
- CE — CONSTRUCTION ENTRANCE



GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)

1 inch = 50 ft.

MOYOCK COMMONS

EROSION AND SEDIMENT CONTROL SEQUENCE

PHASE 1

1. INSTALL PERIMETER CONTROL FACILITIES INCLUDING SILT FENCE AND CONSTRUCTION ENTRANCE
2. CONSTRUCT E STREET STORM DRAIN SYSTEM COMPLETE IN ITS ENTIRETY FROM OUTFALL AT PUDDIN RIDGE ROAD TO LAKE #1
3. CONSTRUCT TEMPORARY SEDIMENT BASIN WITH ROCK CHECK DAM #1
4. CLEAR AND GRUB AREA 1 AND GRADE AREA 1 TO TSB WITH ROCK CHECK DAM #1
5. CONSTRUCT LAKE #1 AND USE AS TEMPORARY SEDIMENT BASIN (TSB #1)
6. FILL DITCH WHERE INDICATED AT SOUTH CORNER OF CLEAR AND GRUB AREA 1
7. INSTALL PORTION OF STORM DRAIN FACILITIES TO DRAIN PHASE 1 TO TSB #1
8. INSTALL SOIL MATTING ON ALL DITCHES AS CONSTRUCTION OF DRAINAGE FACILITIES PROGRESS
9. INSTALL INLET AND OUTLET PROTECTION AS CONSTRUCTION OF DRAINAGE FACILITIES PROGRESS
10. CLEAR AND GRUB AREA 2 AND GRADE AREA 2 TO EXISTING DITCH
11. INSTALL REMAINING STORM DRAIN FACILITIES
12. BEGIN LOT GRADING AND ALL PROPOSED UTILITIES
13. GRADE PHASE 1 CONSTRUCTION TO COMPLETED STORM DRAIN FACILITIES AND TSB
14. ADD TEMPORARY SEEDING TO STABILIZE GRADED SURFACES.
15. COMPLETE LOT GRADING
16. CONSTRUCT TEMPORARY DROP INLET #1-4
17. FINISH GRADING/TOPSOILING/SEEDING.
18. INSTALL LANDSCAPING.

PHASE 2

1. INSTALL PERIMETER CONTROL FACILITIES INCLUDING SILT FENCE.
2. CLEAR AND GRUB MINIMUM PORTION OF AREA #3 FOR CONSTRUCTING TEMPORARY SEDIMENT BASIN WITH ROCK CHECK DAM #2
3. REMOVE TEMPORARY INLET #1-4
4. CONSTRUCT TEMPORARY SEDIMENT BASIN WITH ROCK CHECK DAM #2
5. CLEAR AND GRUB MINIMUM PORTION OF AREA 3 FOR CONSTRUCTING LAKE #2 AND PROPOSED DITCH TO LAKE #2
6. INSTALL SOIL MATTING ON ALL DITCHES AS CONSTRUCTION OF DRAINAGE FACILITIES PROGRESS
7. INSTALL INLET AND OUTLET PROTECTION AS CONSTRUCTION OF DRAINAGE FACILITIES PROGRESS
8. CLEAR AND GRUB REMAINDER OF AREA 3
9. GRADE PHASE 2 TO PROPOSED DITCH AND LAKE #2
10. INSTALL STORM DRAIN FACILITIES TO DRAIN PHASE 2 TO LAKE #2
11. BEGIN LOT GRADING AND ALL PROPOSED UTILITIES
12. GRADE PHASE 2 CONSTRUCTION TO COMPLETED STORM DRAIN FACILITIES AND LAKE #2
13. ADD TEMPORARY SEEDING TO STABILIZE GRADED SURFACES.
14. COMPLETE LOT GRADING
15. CONSTRUCT ROADWAY AND UTILITIES.
16. FINISH GRADING/TOPSOILING/SEEDING.
17. INSTALL LANDSCAPING.

NOTIFY
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1-800-552-7001
or 811 For Location
of Existing Utilities

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www.hfpc-online.com

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Checked	SW

MARK	REVISION	DATE	APPR.

NORTH CAROLINA PROFESSIONAL ENGINEER STUART W. BONNELL 02-15-2017 019907

CONSTRUCTION PLAN OF
MAJOR SUBDIVISION
FOR
MOYOCK COMMONS
DEMOLITION, EROSION, &
SEDIMENT CONTROL PLAN (PHASE 2)
TAX PARCEL 0015000007900000
MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

C108

Attachment: MC_SP (1822 : PB 13-12 Moyock Commons, Phase 1)

E:\Projects\Moyock Commons - 13051\CURRENT\MC_SP.dwg, 2/15/2017 3:36:57 PM, DWG To PDF.pc3

MATCHLINE - SEE THIS SHEET

PROTECT EXISTING WETLANDS UNTIL WETLANDS IMPACT PERMIT HAS BEEN ACQUIRED BY OWNER

PROTECT EXISTING WETLANDS UNTIL WETLANDS IMPACT PERMIT HAS BEEN ACQUIRED BY OWNER

DRAINAGE AREA 3-2 TO TSB #2

DRAINAGE AREA 2 TO TSB #1

DRAINAGE AREA 1 TO TSB w/ ROCK CHECK DAM #1

DRAINAGE AREA 3 TO TSB #2

DRAINAGE AREA 3-1 TO TSB w/ ROCK CHECK DAM #2

DRAINAGE AREA 2 TO TSB #1

DRAINAGE AREA 1 TO TSB w/ ROCK CHECK DAM #1

DRAINAGE AREA 1 TO TSB w/ ROCK CHECK DAM #1

DRAINAGE
AREA 3-2
TSB #2
A = 10.83 AC. (8.75 AC.+2.07 AC.)
C = 0.84
TIME = 20-MIN
10-YR RUNOFF = 34.5-CFS
10-YR INTENSITY = 4.70

TSB DRAINAGE
AREA 3-1 W/ ROCK
CHECK DAM #2
A = 2.07 AC.
C = 0.84
TIME = 15-MIN
10-YR RUNOFF = 9.18-CFS
10-YR INTENSITY = 5.28

LAKE #2 = TSB #2

TSB w/ ROCK CHECK DAM #2

PHASE 2
PHASE 1

PHASE 1
CLEARING/GRUBBING LIMIT
GRADING/DRAINAGE LIMIT
ROADWAY CONSTRUCTION LIMIT

DRAINAGE
AREA 2
TSB #1
A = 11.82 AC. (8.08 AC.+3.73AC.)
C = 0.84
TIME = 23-MIN
2-YR INTENSITY = 3.43
2-YR RUNOFF = 25.76-CFS
10-YR RUNOFF = 34.16-CFS
10-YR INTENSITY = 4.55

LAKE 1 = TSB #1

TSB w/ ROCK CHECK DAM #1
A = 3.73 AC.
C = 0.84
TIME=15-MIN
10-YR RUNOFF = 16.45-CFS
10-YR INTENSITY = 5.28

TSB w/ ROCK CHECK DAM #1

MOYOCK COMMONS DRIVE
(PRIVATE R/W)
(P.C. F. 32, 229)

CONSTRUCTION ENTRANCE
75' x 15'

MATCHLINE - SEE THIS SHEET

EROSION & SEDIMENT CONTROL DRAINAGE AREA LINE

GRAPHIC SCALE

100 0 50 100 200 400

(IN FEET)
1 inch = 100 ft.

NOTIFY
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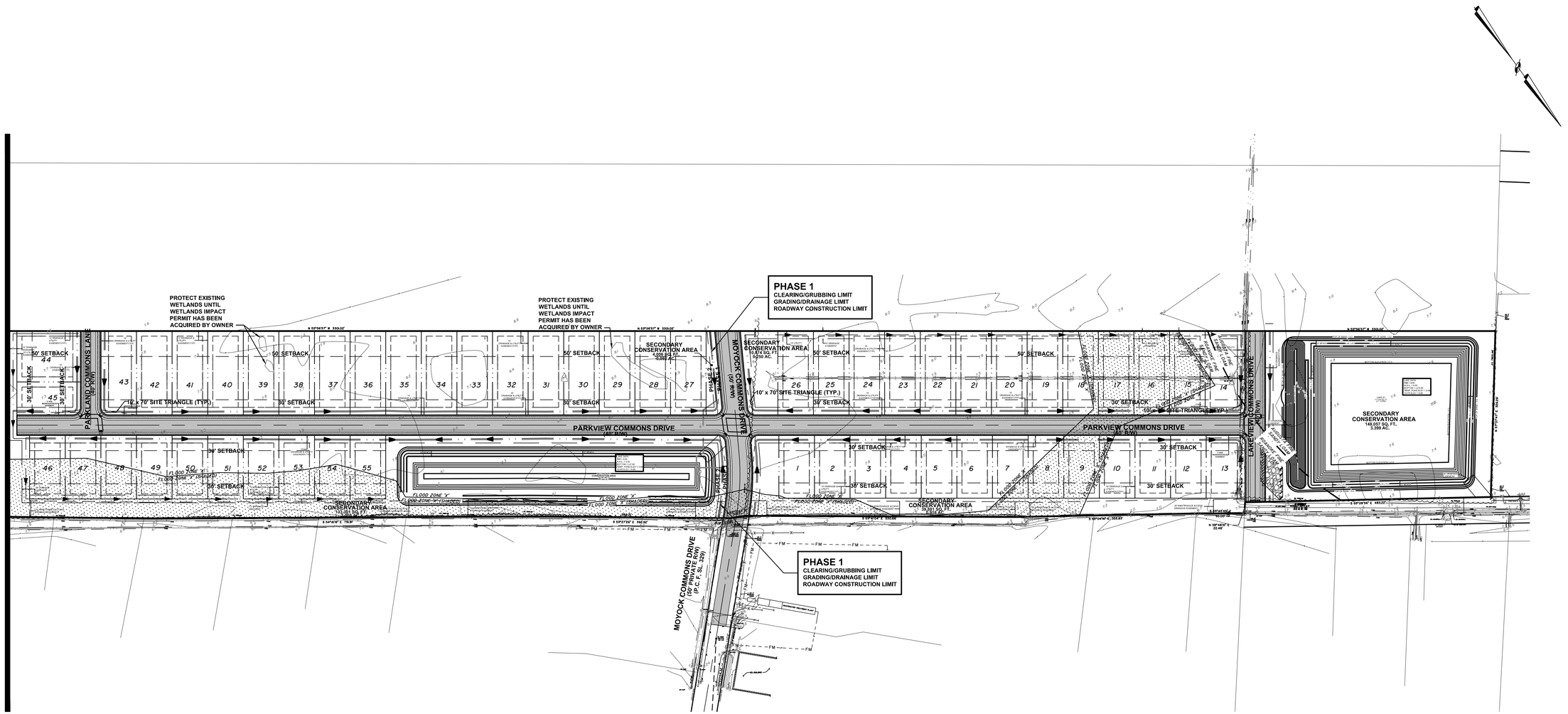
NORTH CAROLINA
PROFESSIONAL
02-15-2017
019907
ENGINEER
STUART W. BONNELL

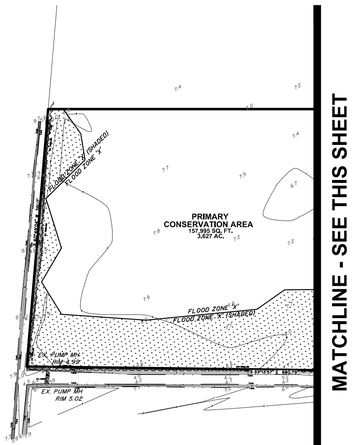
CONSTRUCTION PLAN OF
MAJOR SUBDIVISION
FOR
MOYOCK COMMONS
EROSION & SEDIMENT CONTROL
DRAINAGE AREA MAP
TAX PARCEL 001500000790000
MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

C108B

Attachment: MC_SP (1822 : PB 13-12 Moyock Commons, Phase 1)

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SOIL SERIES LINE

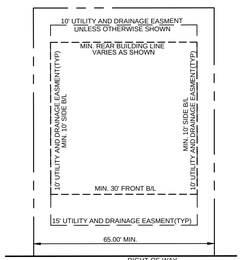
SOILS LEGEND			
MAP UNIT SYMBOL	MAP UNIT NAME	ACRES	PERCENT
At	AUGUSTA FINE SANDY LOAM	3.49	13%
Ro	ROANOKE FINE SANDY LOAM	23.85	87%
TOTAL AREAS		27.34	100%

FLOOD ZONE LEGEND

FLOOD ZONE 'X' = AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN

FLOOD ZONE 'X' (SHADED) = AREA OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD

BASE FLOOD ELEVATIONS ARE NOT APPLICABLE



TYPICAL LOT LAYOUT
SCALE: NONE

GRAPHIC SCALE

100 0 50 100 200 400

(IN FEET)
1 inch = 100 ft.

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Drawn	WF
Checked	SW

MARK	REVISION	DATE	APPR.

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 019907 STUART W. BONNELL
02-15-2017

CONSTRUCTION PLAN OF
MAJOR SUBDIVISION
FOR
MOYOCK COMMONS
OVERALL LAYOUT &
PHASING SCHEDULE PLAN
TAX PARCEL 001500000790000
MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

C109

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Attachment: MC_SP (1822 : PB 13-12 Moyock Commons, Phase 1)

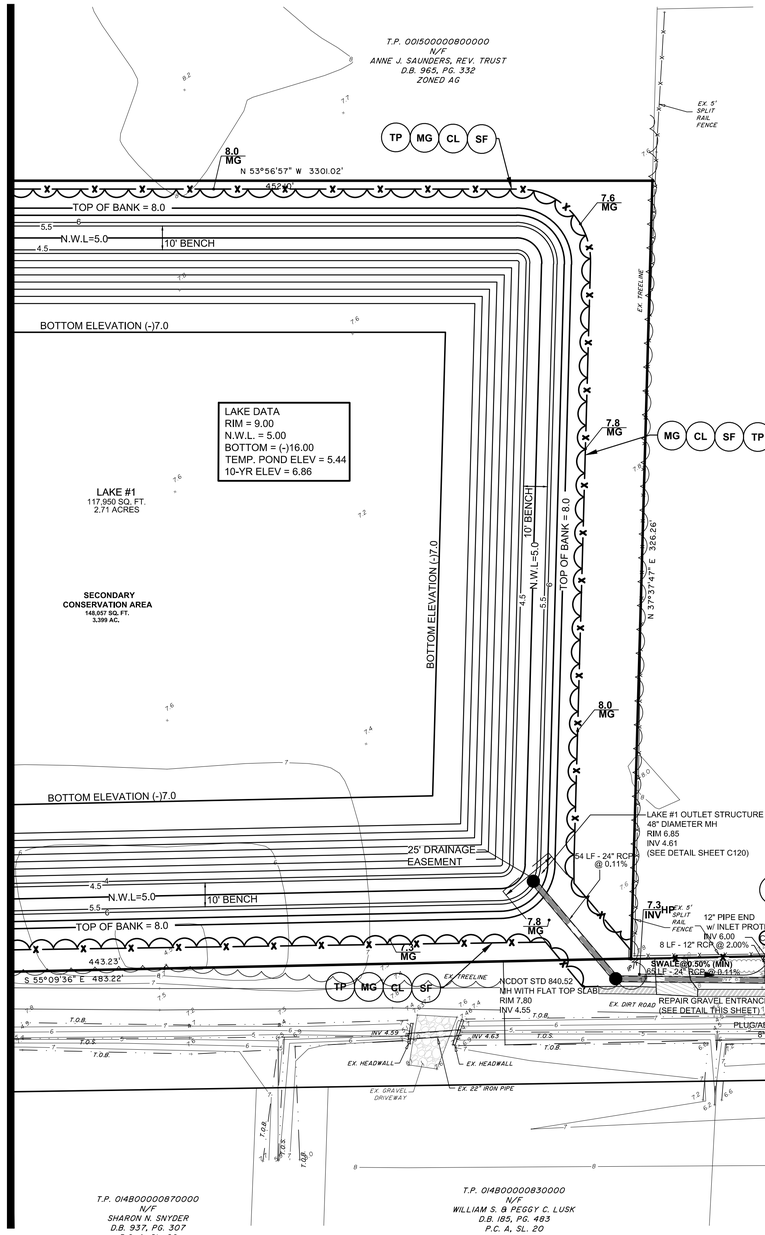
DENOTES DRIVEWAY REPAIR

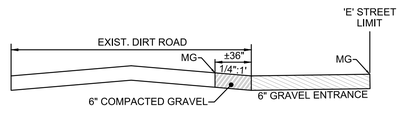
DENOTES DIRT ROAD REPAIR

DENOTES PUDDIN RIDGE RD REPAIR

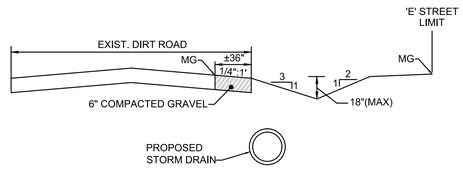
EROSION AND SEDIMENT LEGEND

- SF — SILT FENCE
- CL — LIMITS OF CLEARING
- TP — TREE PROTECTION
- OP — OUTLET PROTECTION(RIP RAP)
- IP — INLET PROTECTION
- CIP — CULVERT INLET PROTECTION
- CE — CONSTRUCTION ENTRANCE





GRAVEL ENTRANCE REPAIR DETAIL
SCALE: NONE



DIRT ROAD REPAIR DETAIL
SCALE: NONE

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

NOTIFY
Miss Utilities At
1-800-552-7001
or 811 For Location
of Existing Utilities

HASSELL & FOLKES, P.C.
ENGINEERS-SURVEYORS-PLANNERS
325 VOLVO PARKWAY
CHESAPEAKE, VIRGINIA 23320
PHONE: (757) 547-9533 FAX: (757) 547-9461
www.hfpc-online.com

Project No.	13-05
Date	02/15/201
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Drawn	WF
Checked	SW

MARK	REVISION	DATE	APPR.

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 019907 STUART W. BONNELL 02-15-2017

CONSTRUCTION PLAN OF MAJOR SUBDIVISION FOR **MOYOCK COMMONS** CONSTRUCTION PLAN

TAX PARCEL 00150000790000
MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

C110

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Attachment: MC_SP (1822 : PB 13-12 Moyock Commons, Phase 1)

EROSION AND SEDIMENT LEGEND

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- IP — INLET PROTECTION
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- CE — CONSTRUCTION ENTRANCE

MATCHLINE - SEE SHEET C112

MATCHLINE - SEE SHEET C110

T.P. 00I500000800000
N/F
ANNE J. SAUNDERS, REV. TRUST
D.B. 965, PG. 332
ZONED AG

#106 PARKVIEW COMMONS DR II,550 SQ. FT. 0.265 AC. FFE=9.70 BPE=9.20

#104 PARKVIEW COMMONS DR II,550 SQ. FT. 0.265 AC. FFE=9.70 BPE=9.20

#102 PARKVIEW COMMONS DR II,550 SQ. FT. 0.265 AC. FFE=9.70 BPE=9.20

#100 PARKVIEW COMMONS DR I2,304 SQ. FT. 0.296 AC. FFE=9.70 BPE=9.20

#117 PARKVIEW COMMONS DR 8,645 SQ. FT. 0.198 AC. FFE=9.70 BPE=9.20

#115 PARKVIEW COMMONS DR 8,645 SQ. FT. 0.198 AC. FFE=9.70 BPE=9.20

#113 PARKVIEW COMMONS DR 8,645 SQ. FT. 0.198 AC. FFE=9.70 BPE=9.20

#111 PARKVIEW COMMONS DR 8,645 SQ. FT. 0.198 AC. FFE=9.70 BPE=9.20

#109 PARKVIEW COMMONS DR 8,645 SQ. FT. 0.198 AC. FFE=9.70 BPE=9.20

#107 PARKVIEW COMMONS DR 8,645 SQ. FT. 0.198 AC. FFE=9.70 BPE=9.20

#105 PARKVIEW COMMONS DR 8,645 SQ. FT. 0.198 AC. FFE=9.70 BPE=9.20

#103 PARKVIEW COMMONS DR 8,645 SQ. FT. 0.198 AC. FFE=9.70 BPE=9.20

#101 PARKVIEW COMMONS DR 9,339 SQ. FT. 0.216 AC. FFE=9.70 BPE=9.20

LAKEVIEW COMMONS DRIVE (40' R/W)

PARKVIEW COMMONS DRIVE (40' R/W)

E STREET VARIABLE WIDTH R/W (P.C. M, SL. 60) (P.C. M, SL. 36)

50' SETBACK

30' SETBACK

28' MAINTENANCE ACCESS DRAINAGE EASEMENT

30' MAINTENANCE ACCESS DRAINAGE EASEMENT

15' DRAINAGE EASEMENT

10' UTILITY EASEMENT

10' DRAINAGE & UTILITY EASEMENT(TYP)

15' DRAINAGE & UTILITY EASEMENT(TYP)

25' DRAINAGE EASEMENT

NCDOT SEWER CLEANOUT (TYP) PLATE 1520.01

NCDOT WATER METER (TYP) PLATE 1515.02

NCDOT FIRE HYDRANT ASSEMBLY (TYP) PLATE 1515.02

PLUG WATER & SEWER AT DRAINAGE EASEMENT LINE (TYP)

REQUIRED WATER 1- 6"X6" TEE 1- 6" VALVE 1- HYDRANT THRUST RESTRAINT

REQUIRED WATER 2- 8" 45° BENDS THRUST RESTRAINT

REQUIRED WATER 1- 2" BOV 1- 8" PLUG THRUST RESTRAINT

NCDOT STD 840.52 MH WITH FLAT TOP SLAB RIM 8.00 INV 4.22

34"X53" PIPE END w/ OUTLET PROTECTION INV 4.30

34"X53" PIPE END w/ OUTLET PROTECTION INV 4.19

1-OUT 42" DIAMETER PIPE END w/ OUTLET PROTECTION INV 1.03

1-1 MH RIM 8.98 INV 0.96

1-2 NCDOT STD 840.52 MH WITH FLAT TOP SLAB RIM 8.92 INV 4.32

SIGN "NO PARKING"

10' x 70' SITE TRIANGLE (TYP.)

NCDOT STD WHEELCHAIR RAMP(TYP) 848.06

NCDOT STD CROSSWALK 1205.02

DOUBLE BLADE STREET SIGN

RECREATIONAL EQUIPMENT STORAGE AREA (SEE DETAIL THIS SHEET) 6 - 20'X40' SPACES

BARRICADE

RAMP GRAVEL TO MATCH PROPOSED EDGE OF PAVEMENT

EX. DIRT ROAD

EX. TREELINE

EX. 15" CORRUGATED PIPE

FOREBAY BOT = (-)3.0'

BOTTOM ELEVATION = (-)7.0

TOP OF BANK = 8.0

10' BENCH N.W.L=5.0

SECONDARY CONSERVATION AREA 39,881 SQ.FT. 0.916 AC.

T.P. 00I500007500000
N/F
MOYOCK COMMONS SEWER DISTRICT
D.B. 464, PG. 232
ZONED GB

T.P. 00I500007500000
N/F
PASQUOTANK COUNTY
D.B. 477, PG. 186
ZONED GB

T.P. 00I500000720000
N/F
MARJORIE S. ROBERTS
D.B. 1067, PG. 77
P.C. 1067, PG. 77
ZONED AG

T.P. 014B000009I0000
N/F
JAMES K. FENTON JR.
D.B. 1205, PG. 554
ZONED SFM

T.P. 014B000000870000
N/F
SHARON N. SNYDER
D.B. 937, PG. 307
P.C. A, SL. 20
ZONED SFM

8" 21A AGGREGATE STONE

COMPACTED SUBGRADE TO 95% DENSITY (VTM 1 OR ASTM D698)

TYPICAL RECREATIONAL EQUIPMENT STORAGE PAVEMENT DETAIL
N.T.S.

* HATCH DENOTES 7" CONC SIDEWALK REQUIRED WITHIN RECREATIONAL EQUIPMENT STORAGE AREA

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

NOTIFY
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MARK	REVISION	DATE	APPR.

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL STUART W. BONNELL 02-15-2017 019907

CONSTRUCTION PLAN OF MAJOR SUBDIVISION FOR **MOYOCK COMMONS**

CONSTRUCTION PLAN

TAX PARCEL 00150000790000
MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

C111

Attachment: MC_SP (1822 : PB 13-12 Moyock Commons, Phase 1)

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EROSION AND SEDIMENT LEGEND

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MARK	REVISION	DATE	APPR.

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL
STUART W. BONNELL
02-15-2017
019907

CONSTRUCTION PLAN OF
MAJOR SUBDIVISION
FOR
MOYOCK COMMONS
CONSTRUCTION PLAN
TAX PARCEL 001500000790000
MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

C112

Attachment: MC_SP (1822 : PB 13-12 Moyock Commons, Phase 1)

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MATCHLINE - SEE SHEET C113

MATCHLINE - SEE SHEET C111

MATCHLINE - SEE SHEET C115

PHASE 1
CLEARING/GRUBBING LIMIT
GRADING/DRAINAGE LIMIT
ROADWAY CONSTRUCTION LIMIT

T.P. 00I500000800000
N/F
ANNE J. SAUNDERS, REV. TRUST
D.B. 965, PG. 332
ZONED AG

PROTECT EXISTING WETLANDS UNTIL WETLANDS IMPACT PERMIT HAS BEEN ACQUIRED BY OWNER

10' DRAINAGE & UTILITY EASEMENT(TYP)

50' SETBACK

SECONDARY CONSERVATION AREA
4,006 SQ. FT.
0.092 AC.

#212 PARKVIEW COMMONS DR
11,550 SQ. FT.
0.265 AC.
FFE=10.20
BPE=9.70

#210 PARKVIEW COMMONS DR
11,550 SQ. FT.
0.265 AC.
FFE=10.20
BPE=9.70

#208 PARKVIEW COMMONS DR
11,550 SQ. FT.
0.265 AC.
FFE=10.20
BPE=9.70

#206 PARKVIEW COMMONS DR
11,550 SQ. FT.
0.265 AC.
FFE=10.20
BPE=9.70

#204 PARKVIEW COMMONS DR
11,550 SQ. FT.
0.265 AC.
FFE=10.20
BPE=9.70

#202 PARKVIEW COMMONS DR
11,550 SQ. FT.
0.265 AC.
FFE=10.20
BPE=9.70

#200 PARKVIEW COMMONS DR
11,550 SQ. FT.
0.265 AC.
FFE=10.20
BPE=9.70

15' DRAINAGE & UTILITY EASEMENT(TYP)

30' SETBACK
PLUG WATER & SEWER AT DRAINAGE EASEMENT LINE (TYP)

REQUIRED WATER
1- 8"X8" CROSS
3- 8" VALVES
1- 8" 11.25° BEND
1- 8"X6" TEE
1- 6" VALVE
1- HYDRANT
THRUST RESTRAINT

NCDOT FIRE HYDRANT ASSEMBLY (TYP)
PLATE 1515.02

SCO INV 1.58 TOP 1.91

317' 8" PVC SAN @ 0.40%

NC DOT STD SMH 1525.02
RIM 8.70 (H)
INV 1.77

SIGN "NO PARKING"

DOUBLE BLADE STREET SIGN w/ MUTCD STD. R1-1 STOP SIGN

PHASE 1 SAN SEWER CONSTRUCTION LIMIT

PHASE 1 WATER CONSTRUCTION LIMIT

182.8' 8" PVC SAN @ 0.40%

MOYOCK COMMONS DRIVE (50' R/W)

66 LF - 15" RCP(3) @ 0.12%

REQUIRED WATER
1- 2" BOV
1- 8" PLUG
THRUST RESTRAINT

NC DOT STD SCO 1520.01
RIM 9.23
INV 1.23

16+00

50.23'

73.99'

SECONDARY CONSERVATION AREA
10,874 SQ. FT.
0.250 AC.

10,874 SQ. FT.
0.250 AC.

10' x 70' SITE TRIANGLE (TYP.)

14+23.46 MOYOCK COMMONS DR
24+14.51 PARKVIEW COMMONS DR

NCDOT SEWER CLEANOUT (TYP)
PLATE 1520.01

NCDOT STD WHEELCHAIR RAMP(TYP)

MUTCD STD. R1-1 STOP SIGN

PARKVIEW COMMONS DRIVE (40' R/W)

347' 8" PVC SAN @ 0.40%

376 LF - 36" RCP @ 0.10%

NCDOT WATER METER (TYP)
PLATE 1515.02

#125 PARKVIEW COMMONS DR
8,645 SQ. FT.
0.198 AC.
FFE=9.70
BPE=9.20

#123 PARKVIEW COMMONS DR
8,645 SQ. FT.
0.198 AC.
FFE=9.70
BPE=9.20

#121 PARKVIEW COMMONS DR
8,645 SQ. FT.
0.198 AC.
FFE=9.70
BPE=9.20

#119 PARKVIEW COMMONS DR
8,645 SQ. FT.
0.198 AC.
FFE=9.70
BPE=9.20

#124 PARKVIEW COMMONS DR
11,550 SQ. FT.
0.265 AC.
FFE=9.70
BPE=9.20

#122 PARKVIEW COMMONS DR
11,550 SQ. FT.
0.265 AC.
FFE=9.70
BPE=9.20

#120 PARKVIEW COMMONS DR
11,550 SQ. FT.
0.265 AC.
FFE=9.70
BPE=9.20

#118 PARKVIEW COMMONS DR
11,550 SQ. FT.
0.265 AC.
FFE=9.70
BPE=9.20

10' UTILITY EASEMENT

15' DRAINAGE EASEMENT

10' DRAINAGE & UTILITY EASEMENT(TYP)

NCDOT STD SEWER MANHOLE
SMH 1525.02
RIM 8.98
INV 0.05

NCDOT STD SMH 1525.02
RIM 8.96
INV 1.76

NCDOT STD SMH 1525.02
RIM 8.86
INV 0.50

NCDOT STD CROSSWALK 1205.07

NCDOT STD SMH 1525.02
RIM 8.70
INV 1.70

EROSION AND SEDIMENT LEGEND

- SF — SILT FENCE
- CL — LIMITS OF CLEARING
- TP — TREE PROTECTION
- OP — OUTLET PROTECTION(RIP RAP)
- IP — INLET PROTECTION
- CIP — CULVERT INLET PROTECTION
- CE — CONSTRUCTION ENTRANCE

NOTE:
DUCTILE IRON SEWER LATERALS
REQUIRED WHERE SHOWN.

MATCHLINE - SEE SHEET C114

MATCHLINE - SEE SHEET C112

T.P. 00I500000800000
N/F
ANNE J. SAUNDERS, REV. TRUST
D.B. 965, PG. 332
ZONED AG

PROTECT EXISTING WETLANDS UNTIL WETLANDS IMPACT PERMIT HAS BEEN ACQUIRED BY OWNER

10' DRAINAGE & UTILITY EASEMENT(TYP)

15' DRAINAGE & UTILITY EASEMENT(TYP)

50' SETBACK

30' SETBACK

#103 PARKLAND COMMONS DR — 7,000 SQ. FT. 0.161 AC. FFE=10.90 BPE=10.40

#101 PARKLAND COMMONS DR — 8,077 SQ. FT. 0.185 AC. FFE=10.70 BPE=10.20

#232 PARKVIEW COMMONS DR — 11,502 SQ. FT. 0.264 AC. FFE=9.30 BPE=9.80

#230 PARKVIEW COMMONS DR — 11,550 SQ. FT. 0.265 AC. FFE=10.20 BPE=9.70

#228 PARKVIEW COMMONS DR — 11,550 SQ. FT. 0.265 AC. FFE=10.20 BPE=9.70

#226 PARKVIEW COMMONS DR — 11,550 SQ. FT. 0.265 AC. FFE=10.20 BPE=9.70

#224 PARKVIEW COMMONS DR — 11,550 SQ. FT. 0.265 AC. FFE=10.20 BPE=9.70

#222 PARKVIEW COMMONS DR — 11,550 SQ. FT. 0.265 AC. FFE=10.20 BPE=9.70

#220 PARKVIEW COMMONS DR — 11,550 SQ. FT. 0.265 AC. FFE=10.20 BPE=9.70

#218 PARKVIEW COMMONS DR — 11,550 SQ. FT. 0.265 AC. FFE=10.20 BPE=9.70

#216 PARKVIEW COMMONS DR — 11,550 SQ. FT. 0.265 AC. FFE=10.20 BPE=9.70

#214 PARKVIEW COMMONS DR — 11,550 SQ. FT. 0.265 AC. FFE=10.20 BPE=9.70

#237 PARKVIEW COMMONS DR — 8,750 SQ. FT. 0.201 AC. FFE=10.80 BPE=10.30

#235 PARKVIEW COMMONS DR — 8,750 SQ. FT. 0.201 AC. FFE=10.50 BPE=10.00

#233 PARKVIEW COMMONS DR — 8,750 SQ. FT. 0.201 AC. FFE=10.30 BPE=9.80

#231 PARKVIEW COMMONS DR — 8,750 SQ. FT. 0.201 AC. FFE=10.20 BPE=9.70

#229 PARKVIEW COMMONS DR — 8,750 SQ. FT. 0.201 AC. FFE=10.20 BPE=9.70

#227 PARKVIEW COMMONS DR — 8,750 SQ. FT. 0.201 AC. FFE=10.20 BPE=9.70

#225 PARKVIEW COMMONS DR — 8,750 SQ. FT. 0.201 AC. FFE=10.20 BPE=9.70

#223 PARKVIEW COMMONS DR — 8,750 SQ. FT. 0.201 AC. FFE=10.20 BPE=9.70

#221 PARKVIEW COMMONS DR — 8,750 SQ. FT. 0.201 AC. FFE=10.20 BPE=9.70

#219 PARKVIEW COMMONS DR — 8,750 SQ. FT. 0.201 AC. FFE=10.20 BPE=9.70

REQUIRED WATER
1- 2" BOV
1- 4" PLUG
THRUST RESTRAINT

REQUIRED WATER
1-8"X8" TEE
1- 8" VALVE
1-8"X4" REDUCER
4" VALVE
THRUST RESTRAINT

REQUIRED WATER
1-8"X6" TEE
1- 6" VALVE
1- HYDRANT
THRUST RESTRAINT

NC DOT STD SCO 1520.01 RIM 9.46 INV 6.31

NCDOT STD CROSSWALK 120507

NCDOT STD WHEELCHAIR RAMP(TYP.)

NCDOT FIRE HYDRANT ASSEMBLY (TYP) PLATE 1515.02

NCDOT SEWER CLEANOUT (TYP) PLATE 1520.01

NCDOT WATER METER (TYP) PLATE 1515.02

PLUG WATER & SEWER AT DRAINAGE EASEMENT LINE (TYP)

142' 8" D.I. SAN @ 0.40%

317' 8" PVC SAN @ 0.40%

318' 8" PVC SAN @ 0.40%

NC DOT STD SMH 1525.02 RIM 8.62 INV 3.04

NC DOT STD SMH 1525.02 RIM 8.68 INV 4.31

NC DOT STD SMH 1525.02 RIM 8.42 INV 3.04

NC DOT STD SMH 1525.02 RIM 8.92 INV 5.58

NC DOT STD SCO 1520.01 RIM 9.02 INV 6.15

PARKVIEW COMMONS DRIVE (40'R/W)

PARKLAND COMMONS LANE (40' R/W)

0+00 PARKLAND COMMONS LN
11+45 PARKVIEW COMMONS DR

10' x 70' SITE TRIANGLE (TYP.)

5' NON INGRESS/EGRESS EASEMENT

DOUBLE BLADE STREET SIGN

SIGN "NO PARKING"

SIGN "NO PARKING"

SECONDARY CONSERVATION AREA 133,301 SQ. FT. 3.060 AC.

32' MAINTENANCE ACCESS DRAINAGE EASEMENT

7.5' DRAINAGE EASEMENT

TOP OF BANK = 8.0
10' BENCH
N.W.L=5.0
LAKE #2
75392 SQ. FT.
1.731 ACRES
24 LF - 24" RCP @ 0.12%

T.P. 015B000008A0000
N/F
MOYOCK COMMONS SEWER DISTRICT
D.B. 605, PG. 200
P.C. G, SL. 24
ZONED GB

T.P. 015B000009O000
N/F
V&J SERVICES, LLC
D.B. 743, PG. 703
P.C. G, SL. 24
ZONED GB

T.P. 015B000001I0000
N/F
MOWLAY, LLC
D.B. 649, PG. 475
P.C. G, SL. 24
ZONED GB

T.P. 015B000001I0000
N/F
CURRIN-PATTERSON INVESTMENTS, LLC
D.B. 923, PG. 662
P.C. G, SL. 24
ZONED GB

T.P. 015B000001I0000
N/F
CURRIN-PATTERSON INVESTMENTS, LLC
D.B. 923, PG. 662
P.C. G, SL. 24
ZONED GB

T.P. 015B000001I40000
N/F
OCEANFRONT ENTERPRISES, LLC
D.B. 463, PG. 804
P.C. G, SL. 7
ZONED GB

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

NOTIFY
Miss Utilities At
1-800-552-7001
or 811 For Location
of Existing Utilities

HASSELL & FOLKES, P.C.
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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL — STUART W. BONNELL — 02-15-2017 — 019907

Project No.	13-05
Date	02/15/201
Scale	1" = 3(
Drawn	WF
Checked	SW

MARK	REVISION	DATE	APPR.

CONSTRUCTION PLAN OF
MAJOR SUBDIVISION
FOR
MOYOCK COMMONS
CONSTRUCTION PLAN
TAX PARCEL 00150000790000
MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

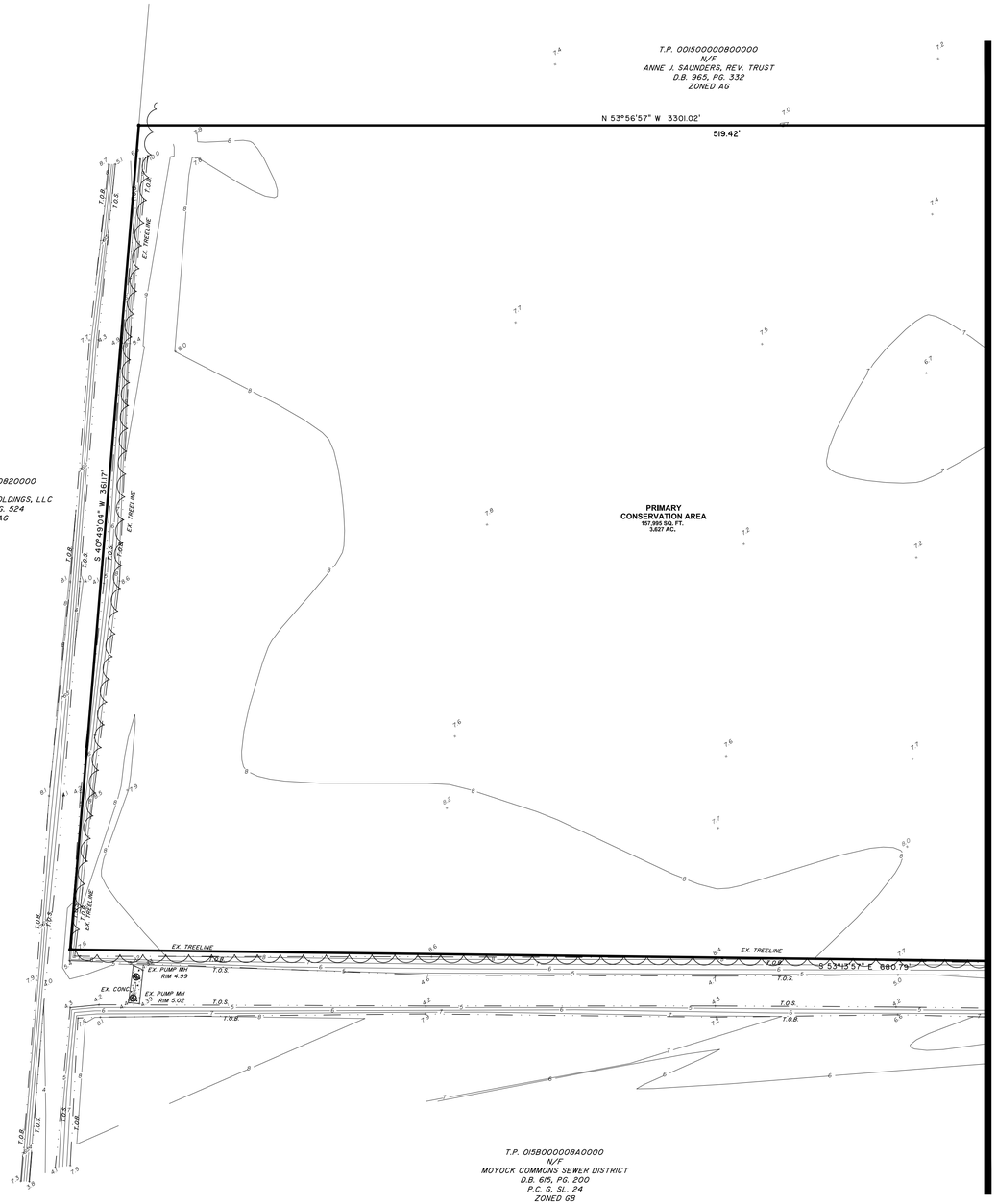
C113

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Attachment: MC_SP (1822 : PB 13-12 Moyock Commons, Phase 1)

EROSION AND SEDIMENT LEGEND

- SF — SILT FENCE
- CL — LIMITS OF CLEARING
- TP — TREE PROTECTION
- OP — OUTLET PROTECTION(RIP RAP)
- IP — INLET PROTECTION
- CIP — CULVERT INLET PROTECTION
- CE — CONSTRUCTION ENTRANCE



MATCHLINE - SEE SHEET C113

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

NOTIFY
Miss Utilities At
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or 811 For Location
of Existing Utilities

HASSELL & FOLKES, P.C.
ENGINEERS-SURVEYORS-PLANNERS
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CHESAPEAKE, VIRGINIA 23320
PHONE: (757) 547-9533 FAX: (757) 547-9461
www.hfpc-online.com

Project No.	13-05
Date	02/15/201
Scale	1" = 3
Drawn	WF
Checked	SW

MARK	REVISION	DATE	APPR.

NORTH CAROLINA
PROFESSIONAL
STUART W. BONNELL
ENGINEER
02-15-2017
019907

CONSTRUCTION PLAN OF
MAJOR SUBDIVISION
FOR
MOYOCK COMMONS
CONSTRUCTION PLAN

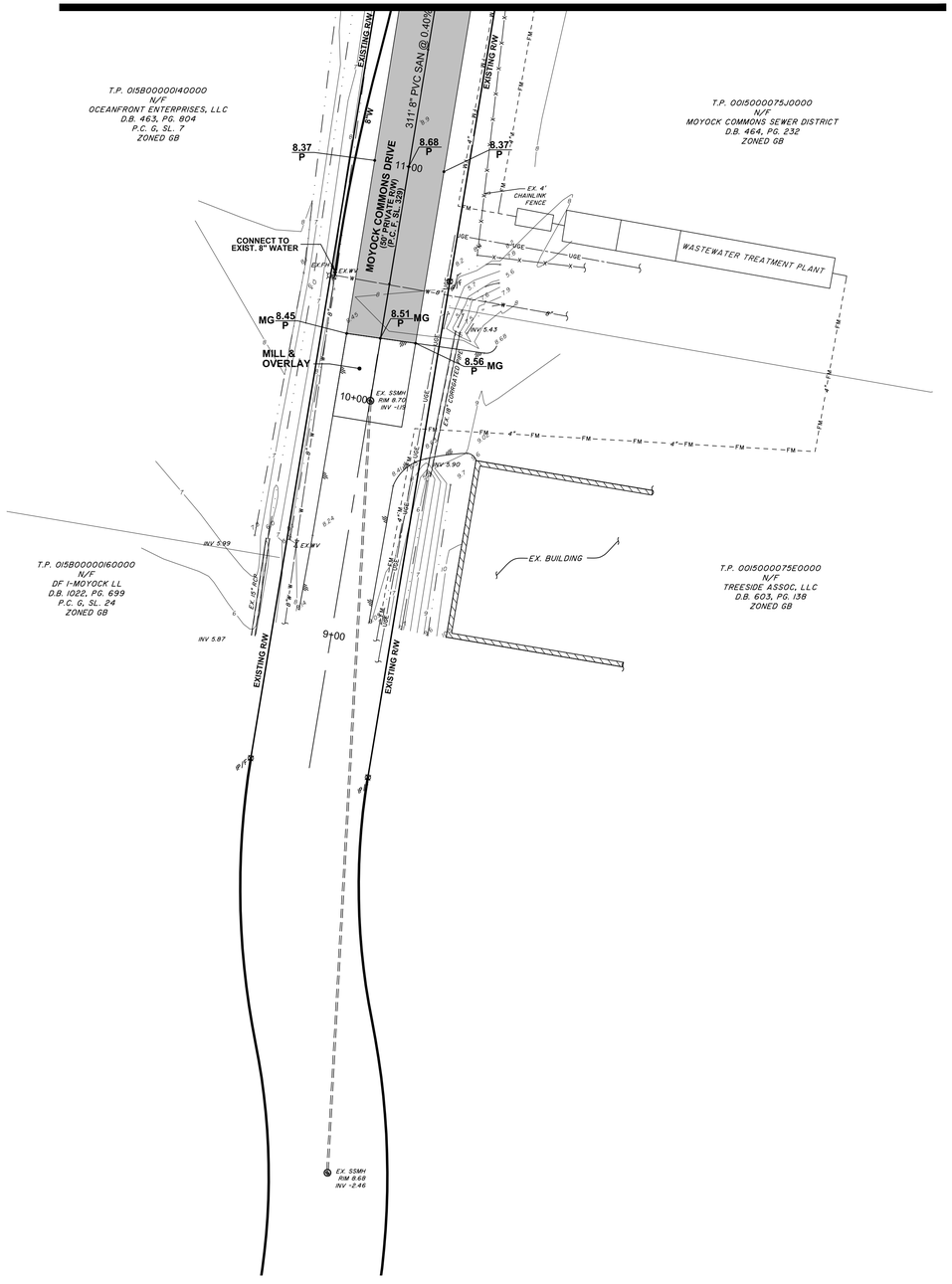
TAX PARCEL 00150000790000
MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

C114

Attachment: MC_SP (1822 : PB 13-12 Moyock Commons, Phase 1)

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MATCHLINE - SEE SHEET C112



EROSION AND SEDIMENT LEGEND

- SF — SILT FENCE
- CL — LIMITS OF CLEARING
- TP — TREE PROTECTION
- OP — OUTLET PROTECTION(RIP RAP)
- IP — INLET PROTECTION
- CIP — CULVERT INLET PROTECTION
- CE — CONSTRUCTION ENTRANCE

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

NOTIFY
Miss Utilities At
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or 811 For Location
of Existing Utilities

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Project No.	13-05
Date	02/15/201
Scale	1" = 3
Drawn	WF
Checked	SW

MARK	REVISION	DATE	APPR.

NORTH CAROLINA
PROFESSIONAL
02-15-2017
019907
ENGINEER
STUART W. BONNELL

CONSTRUCTION PLAN OF
MAJOR SUBDIVISION
FOR
MOYOCK COMMONS
CONSTRUCTION PLAN

TAX PARCEL 00150000790000
MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

C115

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Attachment: MC_SP (1822 : PB 13-12 Moyock Commons, Phase 1)

CONSERVATION AREA
3.09 AC.
CN = 70

MATCHLINE - THIS SHEET

EX. PUMP MH
RIM 4.99

EX. PUMP MH
RIM 5.02

DEVELOPMENT AREA
15.58 AC.
CN = 83

LAKE 2
(NODE 8)
AREA = 15.58 AC.
CN(WEIGHTED) = 83

LAKE 1
(NODE 7)
AREA = 7.11 AC.
CN = 83

PROTECT EXISTING WETLANDS UNTIL WETLANDS IMPACT PERMIT HAS BEEN ACQUIRED BY OWNER

PROTECT EXISTING WETLANDS UNTIL WETLANDS IMPACT PERMIT HAS BEEN ACQUIRED BY OWNER

MATCHLINE - THIS SHEET

PARKLAND COMMONS LANE (50' R/W)

MOYOCK COMMONS DRIVE (50' R/W)

PARKVIEW COMMONS DRIVE (60' R/W)

LAKEVIEW COMMONS DRIVE (50' R/W)

MOYOCK COMMONS DRIVE (50' PRIVATE R/W) (P.C. / S.L. 329)

LAKE #2
75392 SQ. FT.
1.731 ACRES

LAKE #1
118,793 SQ. FT.
2.727 ACRES

T_1 T_2 T_3

GRAPHIC SCALE

100 0 50 100 200 400

(IN FEET)
1 inch = 100 ft.

NOTIFY
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Project No.	13-05
Date	02/15/201
Scale	1" = 10
Drawn	WF
Checked	SW

MARK	REVISION	DATE	APPR.

NORTH CAROLINA
PROFESSIONAL ENGINEER
SEAL
019907
02-15-2017
STUART W. BONNELL

CONSTRUCTION PLAN OF
OF
MAJOR SUBDIVISION
FOR
MOYOCK COMMONS

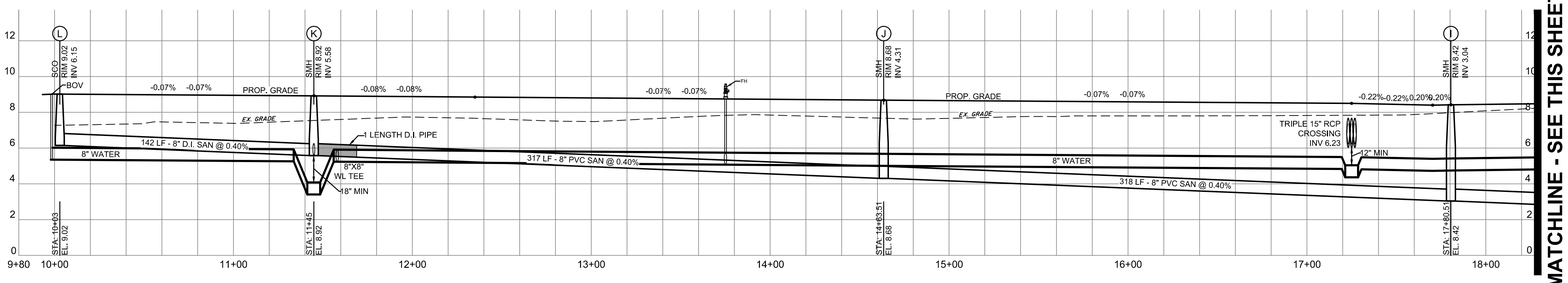
PROPOSED DRAINAGE AREA MAP

TAX PARCEL 001500000790000
MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

C116

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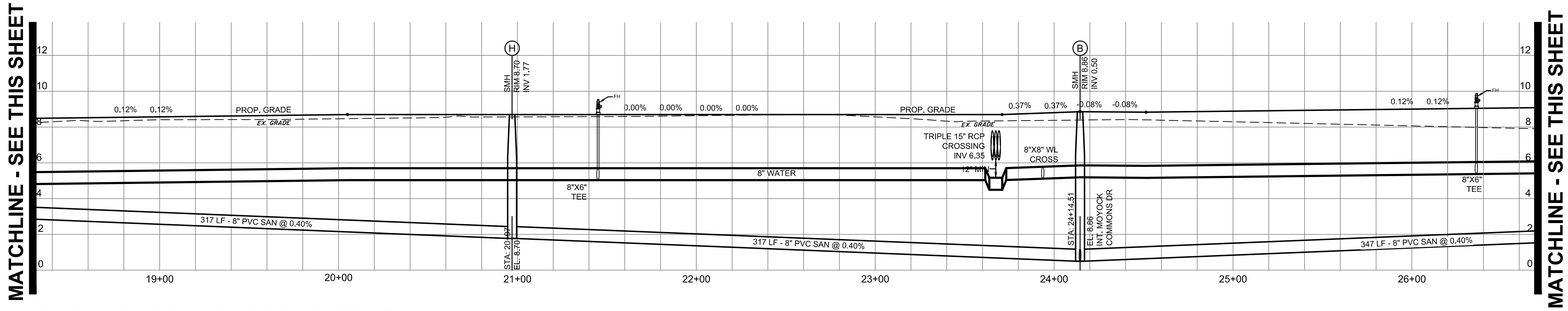
Attachment: MC_SP (1822 : PB 13-12 Moyock Commons, Phase 1)



MATCHLINE - SEE THIS SHEET

PARKVIEW COMMONS DRIVE

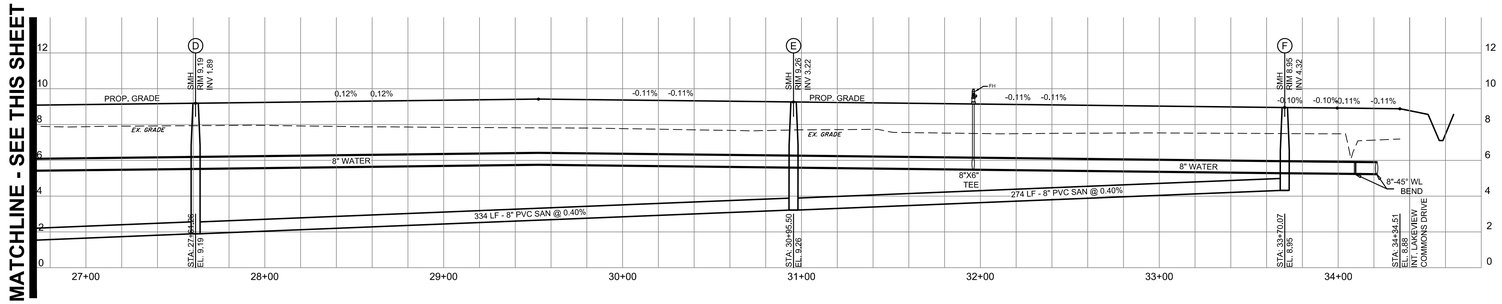
MATCHLINE - SEE THIS SHEET



MATCHLINE - SEE THIS SHEET

PARKVIEW COMMONS DRIVE (CONT.)

MATCHLINE - SEE THIS SHEET



PARKVIEW COMMONS DRIVE (CONT.)

GRAPHIC SCALE VERTICAL

4 0 2 4 8 16

(IN FEET)
1 inch = 4 ft.

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

NOTIFY
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or 811 For Location
of Existing Utilities

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ENGINEERS-SURVEYORS-PLANNERS
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CHESAPEAKE, VIRGINIA 23320
PHONE: (757) 547-9523 FAX: (757) 547-9481
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Project No.	13-051
Date	02/15/2017
Scale	1" = 4' VERT. 1" = 40' HORIZ.
Drawn	WFC
Checked	SWB

MARK	REVISION	DATE	APPR.

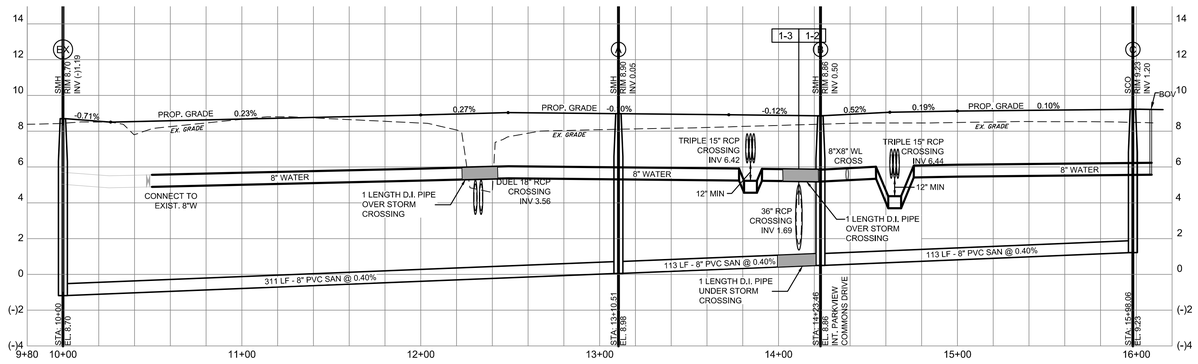
NORTH CAROLINA
PROFESSIONAL
STUART W. BONNELL
ENGINEER
02-15-2017
019907

CONSTRUCTION PLAN OF
MAJOR SUBDIVISION
FOR
MOYOCK COMMONS
PROFILES
TAX PARCEL 001500000790000
MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

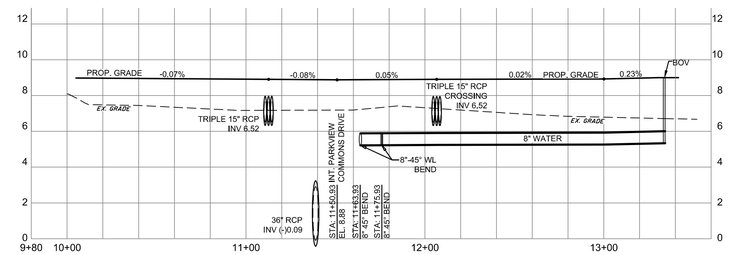
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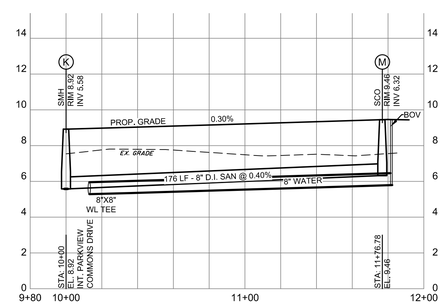
Attachment: MC_SP (1822 : PB 13-12 Moyock Commons, Phase 1)



MOYOCK COMMONS DRIVE



LAKEVIEW COMMONS DRIVE



PARKLAND COMMONS LANE

GRAPHIC SCALE VERTICAL

4 0 2 4 8 16

(IN FEET)
1 inch = 4 ft.

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

NOTIFY
Miss Utilities At
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or 811 For Location
of Existing Utilities

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CHESAPEAKE, VIRGINIA 23320
PHONE: (757) 547-9531 FAX: (757) 547-9481
www.hfpc-online.com

Project No.	13-051
Date	02/15/2017
Scale	1" = 4' VERT. 1" = 40' HORIZ.
Drawn	WFC
Checked	SWB

MARK	REVISION	DATE	APPR

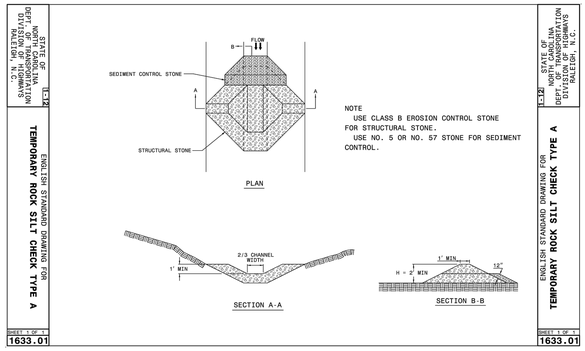
NORTH CAROLINA
PROFESSIONAL
02-15-2017
019907
ENGINEER
STUART W. BONNELL
U.S.

CONSTRUCTION PLAN OF
MAJOR SUBDIVISION
FOR
MOYOCK COMMONS
PROFILES
TAX PARCEL 001500000790000
MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

C118

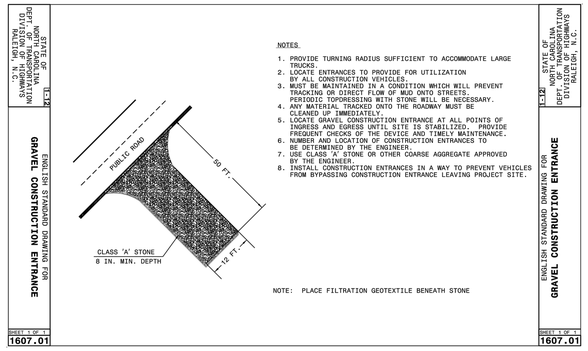
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Attachment: MC_SP (1822 : PB 13-12 Moyock Commons, Phase 1)



NOTE
USE CLASS B EROSION CONTROL STONE FOR STRUCTURAL STONE.
USE NO. 5 OR NO. 57 STONE FOR SEDIMENT CONTROL.

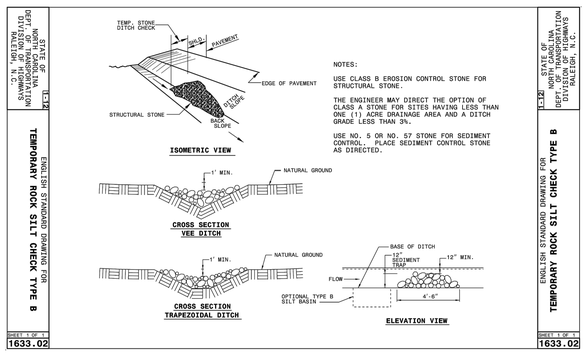
ENGLISH STANDARD DRAWING FOR
TEMPORARY ROCK SILT CHECK TYPE A
1633.01



NOTES
1. PROVIDE TURNING RADIUS SUFFICIENT TO ACCOMMODATE LARGE TRUCKS.
2. LOCATE ENTRANCES TO PROVIDE FOR UTILIZATION BY ALL CONSTRUCTION VEHICLES.
3. MUST BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR DIRECT FLOW OF MUD ONTO STREETS, PERIODIC TOPDRESSING WITH STONE WILL BE NECESSARY.
4. ANY MATERIAL TRACKED ONTO THE ROADWAY MUST BE CLEANED UP IMMEDIATELY.
5. LOCATE GRAVEL CONSTRUCTION ENTRANCE AT ALL POINTS OF INGRESS AND EGRESS UNTIL SITE IS STABILIZED. PROVIDE FREQUENT CHECKS OF THE DEVICE AND TIMELY MAINTENANCE.
6. NUMBER AND LOCATION OF CONSTRUCTION ENTRANCES TO BE DETERMINED BY THE ENGINEER.
7. USE CLASS 'A' STONE OR OTHER COARSE AGGREGATE APPROVED BY THE ENGINEER.
8. INSTALL CONSTRUCTION ENTRANCES IN A WAY TO PREVENT VEHICLES FROM BYPASSING CONSTRUCTION ENTRANCE LEAVING PROJECT SITE.

NOTE: PLACE FILTRATION GEOTEXTILE BENEATH STONE

ENGLISH STANDARD DRAWING FOR
GRAVEL CONSTRUCTION ENTRANCE
1607.01

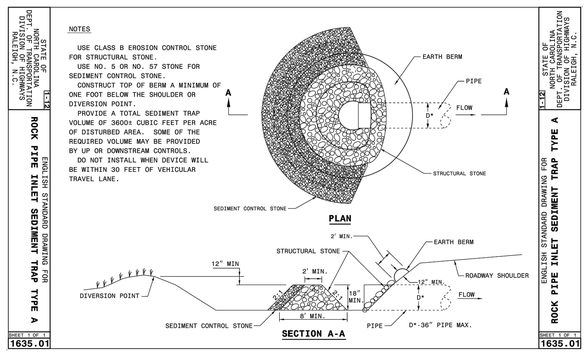


NOTES:
USE CLASS B EROSION CONTROL STONE FOR STRUCTURAL STONE.

THE ENGINEER MAY DIRECT THE OPTION OF CLASS A STONE FOR SITES HAVING LESS THAN ONE (1) ACRE DRAINAGE AREA AND A DITCH GRADE LESS THAN 3%.

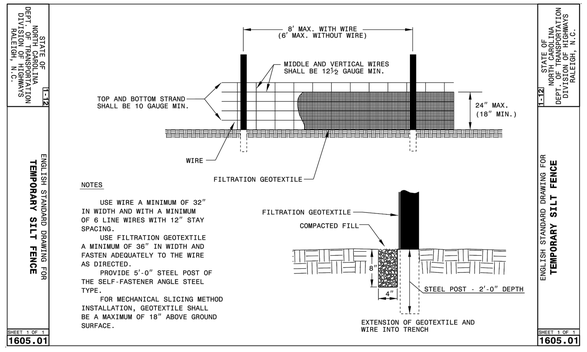
USE NO. 5 OR NO. 57 STONE FOR SEDIMENT CONTROL. PLACE SEDIMENT CONTROL STONE AS DIRECTED.

ENGLISH STANDARD DRAWING FOR
TEMPORARY ROCK SILT CHECK TYPE B
1633.02



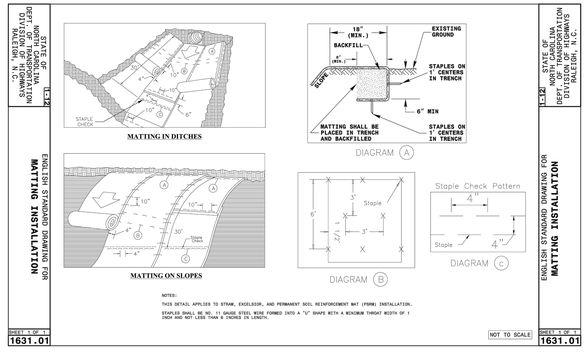
NOTES
USE CLASS B EROSION CONTROL STONE FOR STRUCTURAL STONE.
USE NO. 5 OR NO. 57 STONE FOR SEDIMENT CONTROL STONE.
CONSTRUCT TOP OF BERM A MINIMUM OF ONE FOOT BELOW THE SHOULDER OR DIVERSION POINT.
PROVIDE A TOTAL SEDIMENT TRAP VOLUME OF 3600± CUBIC FEET PER ACRE OF DISTURBED AREA. SOME OF THE REQUIRED VOLUME MAY BE PROVIDED BY UP OR DOWNSTREAM CONTROLS.
DO NOT INSTALL WHEN DEVICE WILL BE WITHIN 30 FEET OF VEHICULAR TRAVEL LANE.

ENGLISH STANDARD DRAWING FOR
ROCK PIPE INLET SEDIMENT TRAP TYPE A
1635.01



NOTES
USE WIRE A MINIMUM OF 32" IN WIDTH AND WITH A MINIMUM OF 6 LINE WIRES WITH 12" STAY SPACING.
USE FILTRATION GEOTEXTILE A MINIMUM OF 36" IN WIDTH AND FASTEN ADEQUATELY TO THE WIRE AS DIRECTED.
PROVIDE 5'-0" STEEL POST OF THE SELF-FASTENER ANGLE STEEL TYPE.
FOR MECHANICAL SLICING METHOD INSTALLATION, GEOTEXTILE SHALL BE A MAXIMUM OF 18" ABOVE GROUND SURFACE.

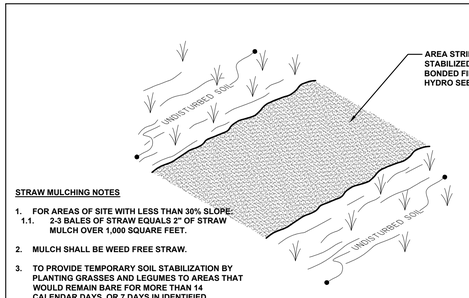
ENGLISH STANDARD DRAWING FOR
TEMPORARY SILT FENCE
1605.01



NOTES:
THIS DETAIL APPLIES TO STRAW, EXCELSIOR, AND PERMANENT SOIL REINFORCEMENT MAT (FRM) INSTALLATION.
STAPLES SHALL BE NO. 11 GAUGE STEEL WIRE FORMED INTO A "U" SHAPE WITH A MINIMUM THROAT WIDTH OF 1 INCH AND NOT LESS THAN 6 INCHES IN LENGTH.

NOT TO SCALE

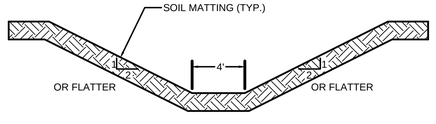
ENGLISH STANDARD DRAWING FOR
MATTING INSTALLATION
1631.01



STRAW MULCHING NOTES

1. FOR AREAS OF SITE WITH LESS THAN 30% SLOPE:
   1.1. 2-3 BALES OF STRAW EQUALS 2" OF STRAW MULCH OVER 1,000 SQUARE FEET.
2. MULCH SHALL BE WEED FREE STRAW.
3. TO PROVIDE TEMPORARY SOIL STABILIZATION BY PLANTING GRASSES AND LEGUMES TO AREAS THAT WOULD REMAIN BARE FOR MORE THAN 14 CALENDAR DAYS, OR 7 DAYS IN IDENTIFIED CRITICAL AREAS, WHERE PERMANENT COVER IS NOT NECESSARY OR APPROPRIATE.

LAND DISTURBANCE & STABILIZATION DETAIL
NOT TO SCALE



TEMPORARY DITCH DETAIL
NOT TO SCALE

6

Table 6.10a Temporary Seeding Recommendations for Late Winter and Early Spring

Seeding mixture Species	Rate (lb/acre)
Rye (grain)	120
Annual lespedeza (Kobe in Piedmont and Coastal Plain, Korean in Mountains)	50

Omit annual lespedeza when duration of temporary cover is not to extend beyond June.

Seeding dates
Mountains—Above 2500 feet: Feb. 15 - May 15
Below 2500 feet: Feb. 1- May 1
Piedmont—Jan. 1 - May 1
Coastal Plain—Dec. 1 - Apr. 15

Soil amendments
Follow recommendations of soil tests or apply 2,000 lb/acre ground agricultural limestone and 750 lb/acre 10-10-10 fertilizer.

Mulch
Apply 4,000 lb/acre straw. Anchor straw by tacking with asphalt, netting, or a mulch anchoring tool. A disk with blades set nearly straight can be used as a mulch anchoring tool.

Maintenance
Refertilize if growth is not fully adequate. Reseed, refertilize and mulch immediately following erosion or other damage.

6

Table 6.10c Temporary Seeding Recommendations for Fall

Seeding mixture Species	Rate (lb/acre)
Rye (grain)	120

Seeding dates
Mountains—Aug. 15 - Dec. 15
Coastal Plain and Piedmont—Aug. 15 - Dec. 30

Soil amendments
Follow soil tests or apply 2,000 lb/acre ground agricultural limestone and 1,000 lb/acre 10-10-10 fertilizer.

Mulch
Apply 4,000 lb/acre straw. Anchor straw by tacking with asphalt, netting, or a mulch anchoring tool. A disk with blades set nearly straight can be used as a mulch anchoring tool.

Maintenance
Repair and refertilize damaged areas immediately. Topdress with 50 lb/acre of nitrogen in March. If it is necessary to extent temporary cover beyond June 15, overseed with 50 lb/acre Kobe (Piedmont and Coastal Plain) or Korean (Mountains) lespedeza in late February or early March.

Practice Standards and Specifications

Table 6.10b Temporary Seeding Recommendations for Summer

Seeding mixture Species	Rate (lb/acre)
German millet	40

In the Piedmont and Mountains, a small-stemmed Sudangrass may be substituted at a rate of 50 lb/acre.

Seeding dates
Mountains—May 15 - Aug. 15
Piedmont—May 1 - Aug. 15
Coastal Plain—Apr. 15 - Aug. 15

Soil amendments
Follow recommendations of soil tests or apply 2,000 lb/acre ground agricultural limestone and 750 lb/acre 10-10-10 fertilizer.

Mulch
Apply 4,000 lb/acre straw. Anchor straw by tacking with asphalt, netting, or a mulch anchoring tool. A disk with blades set nearly straight can be used as a mulch anchoring tool.

Maintenance
Refertilize if growth is not fully adequate. Reseed, refertilize and mulch immediately following erosion or other damage.

LAND GRADING CONSTRUCTION SPECIFICATIONS:

1. CONSTRUCT & MAINTAIN ALL EROSION & SEDIMENTATION CONTROL PRACTICES & MEASURES IN ACCORDANCE WITH THE APPROVED SEDIMENTATION CONTROL PLAN AND CONSTRUCTION SCHEDULE.
2. REMOVE GOOD TOPSOIL FROM AREAS TO BE GRADED AND FILLED, AND PRESERVE IT FOR USE IN FINISHED THE GRADING OF ALL CRITICAL AREAS.
3. SCARIFY AREAS TO BE TOPSOILED TO A MINIMUM DEPTH OF 2 INCHES BEFORE PLACING TOPSOIL.
4. CLEAR & GRUB AREAS TO BE FILLED TO REMOVE TREES, VEGETATION, ROOTS, OR OTHER OBJECTIONABLE MATERIAL THAT WOULD AFFECT THE PLANNED STABILITY OF FILL.
5. ENSURE THAT FILL MATERIAL IS FREE OF BRUSH, RUBBISH, ROCKS, LOGS, STUMPS, BUILDING DEBRIS, AND OTHER MATERIALS INAPPROPRIATE FOR CONSTRUCTING STABLE FILLS.
6. PLACE ALL FILL IN LAYERS NOT TO EXCEED 9 INCHES IN THICKNESS, AND COMPACT THE LAYERS AS REQUIRED TO REDUCE EROSION, SLIPPAGE, SETTLEMENT, OR OTHER RELATED PROBLEMS.
7. DO NOT INCORPORATE FROZEN MATERIAL OR SOFT, MUCKY, OR HIGHLY COMPRESSIBLE MATERIALS INTO FILL SLOPES.
8. DO NOT PLACE FILL ON A FROZEN FOUNDATION, DUE TO POSSIBLE SUBSIDENCE AND SLIPPAGE.
9. KEEP DIVERSIONS AND OTHER WATER CONVEYANCE MEASURES FREE OF SEDIMENT DURING ALL PHASES OF DEVELOPMENT.
10. HANDLE SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION IN ACCORDANCE WITH APPROVED METHODS.
11. FOLLOWING COMPLETION OF ANY PHASE OF GRADING, PROVIDE A GROUNDCOVER (TEMPORARY OR PERMANENT) ON ALL EXPOSED SLOPES WITHIN 14 CALENDER DAYS, OR 7 CALENDAR DAYS IN CRITICAL AREAS IDENTIFIED ON THE PLAT; AND, A PERMANENT GROUNDCOVER FOR ALL DISTURBED AREAS WITHIN 15 WORKING DAYS OR 90 CALENDAR DAYS (WHICHEVER IS SHORTER) FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT.
12. PROVIDE ADEQUATE PROTECTION FROM EROSION FOR ALL TOPSOIL STOCKPILES, BORROW AREAS, AND SPOIL AREAS.

MAINTENANCE:

PERIODICALLY CHECK ALL GRADED AREAS & THE SUPPORTING EROSION & SEDIMNETATION CONTROL PRACTICES, ESPECIALLY AFTER HEAVY RAINFALLS. PROMPTLY REMOVE ALL SEDIMENT FROM DIVERSIONS AND OTHER WATER-DISPOSAL PRACTICES. IF WASHOUTS OR BREAKS OCCUR, REPAIR THEM IMMEDIATELY. PROMPT MAINTENANCE OF SMALL-ERODED AREAS BEFORE THEY BECOME SIGNIFICANT GULLIES IS AN ESSENTIAL PART OF AN EFFECTIVE EROSION & SEDINMETATION CONTROL PLAN.

MOYOCK COMMONS

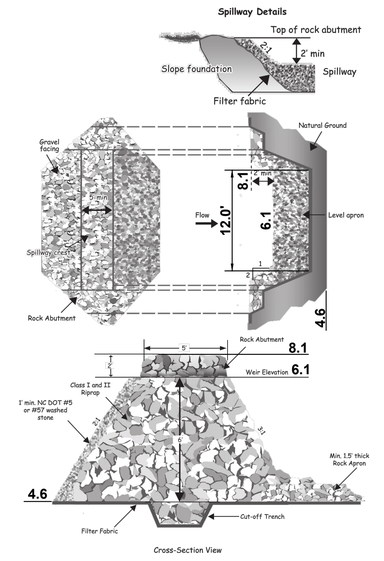
EROSION AND SEDIMENT CONTROL SEQUENCE

PHASE 1

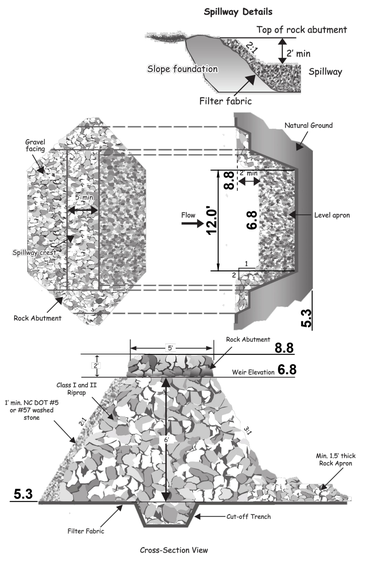
1. INSTALL PERIMETER CONTROL FACILITIES INCLUDING SILT FENCE AND CONSTRUCTION ENTRANCE
2. CONSTRUCT E STREET STORM DRAIN SYSTEM COMPLETE IN ITS ENTIRETY FROM OUTFALL AT PUDDIN RIDGE ROAD TO LAKE #1
3. CONSTRUCT TEMPORARY SEDIMENT BASIN WITH ROCK CHECK DAM #1
4. CLEAR AND GRUB AREA 1 AND GRADE AREA 1 TO TSB WITH ROCK CHECK DAM #1
5. CONSTRUCT LAKE #1 AND USE AS TEMPORARY SEDIMENT BASIN (TSB #1)
6. FILL DITCH WHERE INDICATED AT SOUTH CORNER OF CLEAR AND GRUB AREA 1
7. INSTALL PORTION OF STORM DRAIN FACILITIES TO DRAIN PHASE 1 TO TSB #1
8. INSTALL SOIL MATTING ON ALL DITCHES AS CONSTRUCTION OF DRAINAGE FACILITIES PROGRESS
9. INSTALL INLET AND OUTLET PROTECTION AS CONSTRUCTION OF DRAINAGE FACILITIES PROGRESS
10. CLEAR AND GRUB AREA 2 AND GRADE AREA 2 TO EXISTING DITCH
11. INSTALL REMAINING STORM DRAIN FACILITIES
12. BEGIN LOT GRADING AND ALL PROPOSED UTILITIES
13. GRADE PHASE 1 CONSTRUCTION TO COMPLETED STORM DRAIN FACILITIES AND TSB
14. ADD TEMPORARY SEEDING TO STABILIZE GRADED SURFACES.
15. COMPLETE LOT GRADING
16. CONSTRUCT TEMPORARY DROP INLET #1-4
17. FINISH GRADING/TOPSOILING/SEEDING.
18. INSTALL LANDSCAPING.

PHASE 2

1. INSTALL PERIMETER CONTROL FACILITIES INCLUDING SILT FENCE.
2. CLEAR AND GRUB MINIMUM PORTION OF AREA #3 FOR CONSTRUCTING TEMPORARY SEDIMENT BASIN WITH ROCK CHECK DAM #2
3. REMOVE TEMPORARY INLET #1-4
4. CONSTRUCT TEMPORARY SEDIMENT BASIN WITH ROCK CHECK DAM #2
5. CLEAR AND GRUB MINIMUM PORTION OF AREA 3 FOR CONSTRUCTING LAKE #2 AND PROPOSED DITCH TO LAKE #2
6. INSTALL SOIL MATTING ON ALL DITCHES AS CONSTRUCTION OF DRAINAGE FACILITIES PROGRESS
7. INSTALL INLET AND OUTLET PROTECTION AS CONSTRUCTION OF DRAINAGE FACILITIES PROGRESS
8. CLEAR AND GRUB REMAINDER OF AREA 3
9. GRADE PHASE 2 TO PROPOSED DITCH AND LAKE #2
10. INSTALL STORM DRAIN FACILITIES TO DRAIN PHASE 2 TO LAKE #2
11. BEGIN LOT GRADING AND ALL PROPOSED UTILITIES
12. GRADE PHASE 2 CONSTRUCTION TO COMPLETED STORM DRAIN FACILITIES AND LAKE #2
13. ADD TEMPORARY SEEDING TO STABILIZE GRADED SURFACES.
14. COMPLETE LOT GRADING
15. CONSTRUCT ROADWAY AND UTILITIES.
16. FINISH GRADING/TOPSOILING/SEEDING.
17. INSTALL LANDSCAPING.



TEMPORARY SEDIMENT BASIN w/ ROCK CHECK DAM #1 DETAIL
NOT TO SCALE



TEMPORARY SEDIMENT BASIN w/ ROCK CHECK DAM #2 DETAIL
NOT TO SCALE

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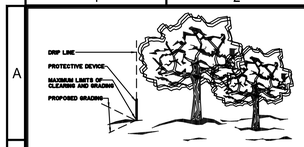
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 019907 STUART W. BONNELL 02-15-2017

CONSTRUCTION PLAN OF
MAJOR SUBDIVISION
FOR
MOYOCK COMMONS
NOTES AND DETAILS
TAX PARCEL 00150000790000
MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

C119

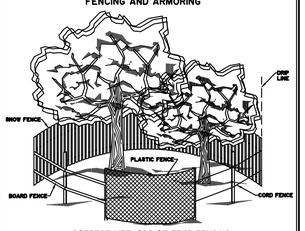
Attachment: MC_SP (1822 : PB 13-12 Moyock Commons, Phase 1)

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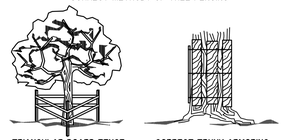


CONSTRUCTION OPERATIONS RELATIVE TO THE LOCATION OF PROTECTED TREES

FENCING AND ARMORING



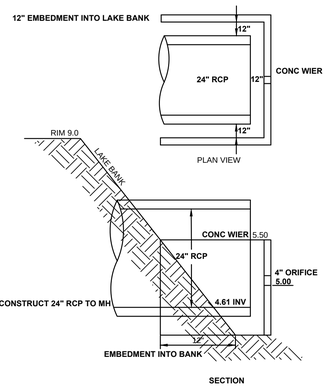
CORRECT METHODS OF TREE FENCING



TRIANGULAR BOARD FENCE

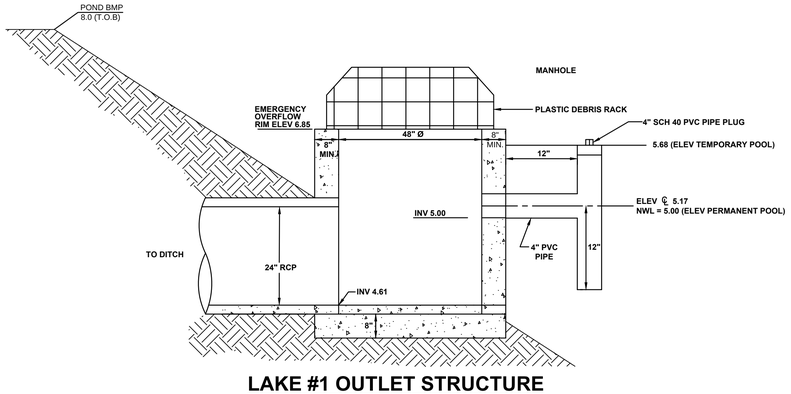
CORRECT TRUNK ARMORING

TP TREE PROTECTION DETAILS



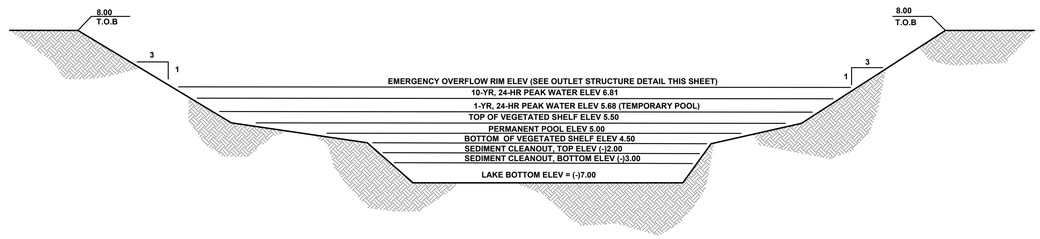
TEMPORARY SEDIMENT BASIN #1
TEMPORARY OUTFALL STRUCTURE

SCALE: NONE



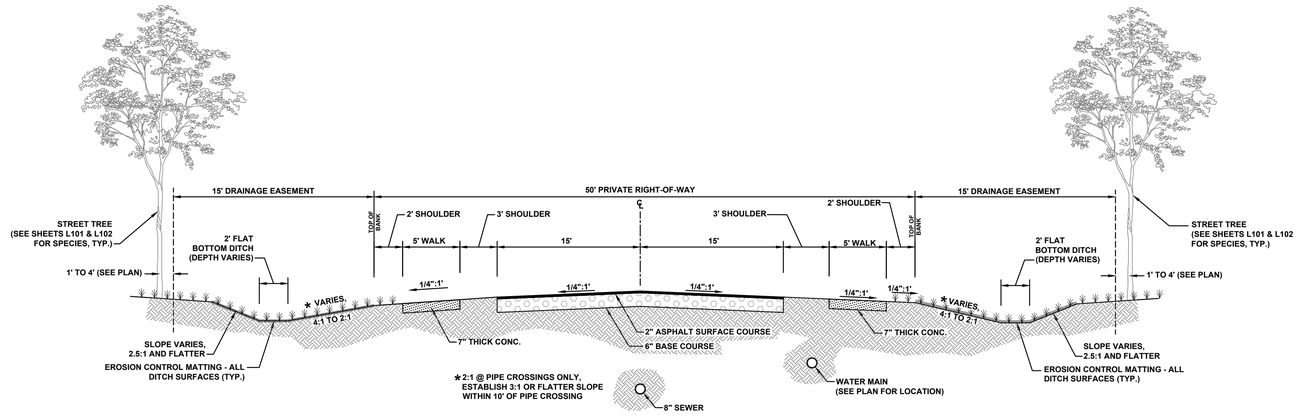
LAKE #1 OUTLET STRUCTURE

SCALE: NONE



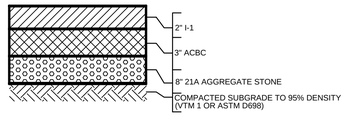
TYPICAL SECTIONS THRU LAKE 1 AND LAKE 2

SCALE: NONE



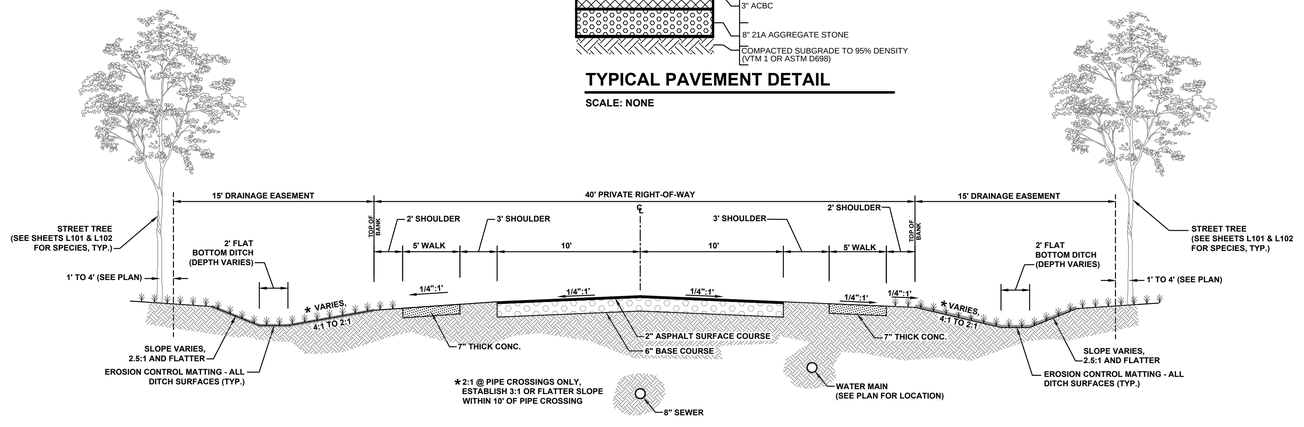
TYPICAL 50' PRIVATE R/W SECTION

SCALE: NONE



TYPICAL PAVEMENT DETAIL

SCALE: NONE



TYPICAL 40' PRIVATE R/W SECTION

SCALE: NONE

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FOR
MOYOCK COMMONS
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MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

C120

Attachment: MC_SP (1822 : PB 13-12 Moyock Commons, Phase 1)

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ENGLISH STANDARD DRAWING FOR SEWER CLEAN OUT

1520.01

5' MIN. · SINGLE WIDE STAINLESS STEEL STRAP · TAPPING SADDLE WITH STRAP AND ALIGNMENT FLANGE · FLOW · INLET · TEE OR WYE · 1'-6" MAX. · R/W · CAP SHALL BE SET AT FINAL GRADE · PERMANENT ASS'Y SEE CLEANOUT CAP ASS'Y · MIN. SLOPE 1/4" PER FOOT · CAP FOR AIR TESTING · EXTEND SS TO R/W · COMBINATION WYE BEND · EPDM RUBBER COUPLING WITH 2 TYPE 316 SS STEEL HOSE CLAMPS · 1.25" · THREADED PLUG · SECTION AA · THREADED SLOTTED PLUG

TEE WYE CONNECTION OPTIONAL

TAPPING SADDLE OPTIONAL

UNPAVED AREA CAP

PAVED AREA CAP
MAY BE USED IN UNPAVED AREA

INLET WITH 45 DEGREE BEND OPTIONAL

NOTES:

1. THIS DETAIL SHOWS THE TYPICAL FINAL CONFIGURATION OF A PROPOSED SEWER CLEAN OUT, A RELOCATED SEWER CLEAN OUT, OR A RECONNECTED SEWER CLEAN OUT.
2. USE 45 DEGREE VERTICAL BEND AT INLET IF GRADE ALLOWS.

ENGLISH STANDARD DRAWING FOR PRECAST MANHOLE 4', 5' AND 6' DIAMETER 12" THRU 48" PIPE

840.52

GENERAL NOTES
USE 4000 PSI MINIMUM COMPRESSIVE STRENGTH CONCRETE.
FABRICATE, ASSEMBLE AND DESIGN PRECAST MANHOLE COMPONENTS ACCORDANCE WITH AASHTO M199.
ASSEMBLE RISER AND GRADE RINGS WITH THE STEPS SPACED 12" FROM THE TOP TO THE BOTTOM OF THE MANHOLE.
WHERE THE MANHOLE IS EXPOSED TO ROAD TRAFFIC, CONSTRUCT THE TOP OF THE MANHOLE FLUSH WITH THE GROUND AND A MINIMUM OF 9" ABOVE THE GROUND AT OTHER LOCATIONS.
LIMIT DEPTH OF FILL TO 30'-0" FROM FINISH GRADE TO TOP OF BOTTOM SLAB.
THE MIN. SLAB THICKNESS "T" IS THE DIMENSION OF THE THINNEST PORTION OF THE TOP/BOTTOM SLAB.
* TOP MAT OF REINFORCEMENT MAY BE NEGLECTED IF TOP SLAB HAS A DISTRIBUTION/ENABLE TOP AND BOTTOM.

D	W	T	As
EXTERNAL DIAMETER (FT.)	MIN. WALL THICKNESS (IN.)	MIN. TOP/BOTTOM SLAB THICKNESS (IN.)	MIN. CIRCUMFERENTIAL AREA OF STEEL PER VERTICAL FT. (SQ. IN.)
4	4	6	0.12
5	5	8	0.15
6	6	9	0.18

CONCENTRIC CONE SECTION · 2'-0" · ALTERNATE CONE SECTION · GRADE RING · ECCENTRIC CONE · MIN. AREA OF STEEL IS 0.07 in.² · 4" MAX. SPACING (5" CLEAR. R/F) · LOCATE WALL REINFORCEMENT IN MIDDLE THIRD OF WALL · STEP EQS SPACED AT 12" MAX. · As (CIRCUMFERENTIAL REINFORCEMENT) · LONGITUDINAL REINFORCEMENT · RISER · BASE · REINFORCED CONC. PER STD. 840.54 FOR MANHOLE RING AND COVER · USE MIN. AREA OF STEEL IN SAND BLADE OF 0.12 in² PER LINEAR FOOT EACH WAY · TYPICAL MANHOLE SECTION

FLAT TOP SLAB · ADDITIONAL #4 BARS · 1" MIN. CLR. · USE MIN. AREA OF STEEL IN TOP SLAB OF #4'S @ 5" CTS. EACHWAY (EACH FACE ").

FRAME AND GRATES	EQS. REQ.
SOLID COVER	840.54
VANEDGE GRATE	840.29
MONOLITHIC BOXCURB	840.29
	840.29
	840.29
	840.29
	840.29

ADDITIONAL #4 EACH SIDE OF OPENING (1" CLEAR OF BOTTOM FACE) · ADDITIONAL #4 EACH SIDE OF OPENING (1" CLEAR OF BOTTOM FACE PLACE BARS DIAGONAL TO CORNERS (TYP.) · FRAME & GRATE · GRATED INLET OPTION · MANHOLE OPTION

ENGLISH STANDARD DRAWING FOR MANHOLE FRAME AND COVER

840.54

SOLID COVER SHOWN PERFORATED. PERFORATED AVAILABLE IF SPECIFIED.
STATE USE OF SYSTEM ON COVER
(E.G.: SEWER, STORM DRAIN, ELECTRICAL)

TOP OF COVER · BOTTOM OF COVER · 60° TYP. · ½" R. · 1" R. · PLAN OF FRAME · PLAN OF COVER · 2'-1¼" · 1'-11¾" · 34° · 1'-10⅝" · 1" · TYPE #1 · ALTERNATE · TYPE #2 · 2'-0⅛" · 2'-9¼" · SECTION A-A · 2½" · ¾" · 19° · 49° · 1'-10⅝" · SECTION B-B

MINIMUM WEIGHTS - LBS.
FRAME - 180
COVER - 120
TOTAL - 300

ENGLISH STANDARD DRAWING FOR SANITARY SEWER MANHOLE WITH CAST-IN-PLACE BOTTOM

1525.06

GENERAL NOTES:
1. THIS STANDARD DETAIL DESCRIBES THE USE OF HORSESHOE TYPE and CORED MANHOLES WITH A CAST-IN-PLACE BOTTOM.
2. USE HORSESHOE TYPE MANHOLE ONLY WITH THE PERMISSION OF THE ENGINEER.
3. FOR HORSESHOE TYPE MANHOLES, WRAP THE PIPE WITH BUTYL RUBBER GASKET, AND SEAL WITH NONSHRINKING GROUT.

CORED OR CAST CIRCULAR OPENING SIZED TO MATCH SEALING DEVICE · SET IN CONCRETE BEFORE INITIAL SET HAS BEEN REACHED · REINFORCED CONCRETE FOOTING (SEE SHEET 2 FOR FOOTING REINFORCEMENT) · SECTION Y-Y CORED PIPE TYPE · WRAP AND SEAL (NOTE 3) · GROUT (NOTE 3) · CUT OR CAST CIRCULAR OPENING · SECTION Y-Y HORSESHOE TYPE · EXISTING PIPE · HORSESHOE OR CORED OPENING · CUT AND REMOVE PIPE ABOVE SPRINGLINE (HORSESHOE TYPE) · NEW INLET · CORED OPENING · EXISTING PIPE · SECTION X-X

ENGLISH STANDARD DRAWING FOR FRAMES AND NARROW SLOT FLAT GRATES

840.29

2'-0¾" · 1'-1½" · 34" · PLAN · GRATE ELEVATION Y-Y · 2'-1 3/4" · 1'-9⅝" · 2⅝" · 4'-0" · NOTE: SEE STD. DWG. 840.25 FOR FRAME ANCHORAGE. · GRATE ELEVATION X-X · 1'-11" · GRATE SECTION X-X · 2¼" · 2" · 1½" · 4" · 2'-0" · 2'-8" · FOR ⅜" DIA. BOLT · 3'-10½" · FRAME ELEVATION X-X · FRAME ELEVATION Y-Y · FRAME SECTION X-X

ENGLISH STANDARD DRAWING FOR METHOD OF PIPE INSTALLATION FLEXIBLE PIPE

300.01

FLEXIBLE PIPE

Round Corrugated Steel Pipe
2 2/3 x ½ corrugation **

Diameter (inches)	Minimum cover (inches)	(Ga)	Maximum Height of Cover (feet) 16	14	12	10	8
12"	12		160	204			
15"	12		135	169	239		
18"	12		115	145	204		
24"	12		100	126	178		
30"	12			79	100	142	
36"	12		65	83	117	152	
42"	12		55	70	99	129	160
48"	12		48	61	87	113	139
54"	12			54	77	100	123
60"	12				69	90	111
66"	12					81	100
72"	12					74	91
78"	12						84
84"	12						66

Round Corrugated Aluminum Pipe
2 2/3 x ½ corrugation **

Diameter (inches)	Minimum cover (inches)	(Ga)	Maximum Height of Cover (feet) 16	14	12	10	8
12"	12		199	233	299	375	
15"	12		159	186	239	300	
18"	12		91	102	144	187	239
21"	12		69	87	123	160	195
24"	12		60	76	108	139	171
27"	12			67	95	123	151
30"	12			60	85	111	136
36"	12			50	70	90	111
42"	12				60	78	96
48"	12				52	68	84
54"	12				48	60	74
60"	12					50	62
66"	12						51
72"	12						41

** FOR DIFFERENT CORRUGATIONS AND ARCH PIPES REFER TO ROADWAY DESIGN MANUAL OR MANUFACTURERS SPECIFICATION.

HDPE - * (Minimum fill) 3' for pipe diameters ≥ 12" and ≤ 60" · * (Maximum Fill) 30' for pipe diameters ≤ 12" and ≤ 36"
PVC - * (Minimum fill) 3' for pipe diameters ≤ 12" and ≤ 36" · * (Maximum Fill) 30' for pipe diameters ≤ 12" and ≤ 36"

* FILL HEIGHT IS MEASURED FROM THE TOP OF THE PIPE TO THE BOTTOM OF THE PAVEMENT STRUCTURE

REFER TO THE FOLLOWING FOR PIPE SPECIFICATIONS
CSP - AASHTO M36
CAAP - AASHTO M196
HDPE - AASHTO M294
PVC - ASTM F949 or AASHTO M304

NOTES: FILL HEIGHTS SHOWN WERE CALCULATED USING AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

1' MINIMUM COVER FOR ALL SIDE DRAIN PIPE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS

RIGID PIPE

RCP - * (Minimum fill) 1' for Class IV & CLASS V; 2' for Class III & Class II
* (Maximum fill) 10' for Class II pipe; 20' - Class III pipe; 30' - Class IV pipe; 40' - Class V pipe
(For fills > 40' & < 80' use LRFD Direct Design Method)

* FILL HEIGHT IS MEASURED FROM THE TOP OF THE PIPE TO THE BOTTOM OF THE PAVEMENT STRUCTURE

REFER TO THE FOLLOWING FOR PIPE SPECIFICATIONS
RCP - AASHTO M170

NOTES: FILL HEIGHTS SHOWN WERE CALCULATED USING AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

1' MINIMUM COVER FOR ALL SIDE DRAIN PIPE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS

FIRE HYDRANT DETAIL

NTS

HYDRANT TO BE M+H 129 TRAFFIC MODEL FOR 3.5" BURY WITH 5 1/4" VALVE OPENING
PAINTING REQUIREMENTS FOR NEW FIRE HYDRANTS;
6" WATER LINE: BONNET YELLOW-BODY RED
8" WATER LINE: BONNET ORANGE--BODY RED
10" AND LARGER: BONNET GREEN--BODY RED
NOTE: RED BODY MUST BE REPAINTED BY CONTRACTOR
PAINT WITH RUSTOLEUM ENAMEL; "SAFETY YELLOW", "SAFETY ORANGE", "SAFETY GREEN" & "SAFETY RED"

12" MINIMUM · AS REQ'D TO CLEAR SWALE ±14' · HYDRANT · R/W · FINISH GRADE · BREAKAWAY FLANGE & BOLTS SHALL BE ABOVE FINISHED GRADE · 24" DIA. 4" THICK CONCRETE "DONUT" · 4" PVC SLEEVE · 6" DUCTILE IRON PIPE · 7 CU FT CRUSHED STONE · VALVE BOX · 36" MINIMUM · 6" RESILIENT WEDGE GATE VALVE · CONCRETE THRUST BLOCK PER DETAIL · CONCRETE THRUST BLOCK PER DETAIL · 12" · WATER MAIN (SEE PLANS FOR LOCATION) · DUCTILE IRON GRIP RINGS ROMAC OR APPROVED EQUAL · 12" · CLASS "B" CONCRETE PER NC DOT

NOTES:
1. DO NOT BLOCK HYDRANT DRAIN WITH THRUST BLOCKING
2. COAT TIE RODS & NUTS WITH EPOXY
3. DO NOT SUPPORT VALVE BOX DIRECTLY ON VALVE
4. ALL JOINTS SHALL BE MECHANICAL JOINTS
5. INSTALL REFLECTIVE HYDRANT MARKER, STIMPSONITE, MODEL 88AB, TWO-WAY BLUE REFLECTOR IN CENTERLINE OF PAVEMENT PERPENDICULAR TO HYDRANT LOCATION USING E-BOND EPOXY ADHESIVE 1240/1241 PER MANUFACTURERS SPECIFICATIONS.

2" BLOW-OFF DETAIL

NTS

NOTE: VALVE BOX COVERS SHALL BE MARKED WITH A "W" · 24" DIA. 4" THICK CONCRETE "DONUT" · 2" BRASS CAP · 24" DIA. 4" THICK CONCRETE "DONUT" · 4" PVC SLEEVE (ENDS 4" - 6" BELOW BOTTOM OF CAP) · 3' · 36" MINIMUM DEPTH · VALVE BOX · 2" X 30" BRASS NIPPLE · VALVE BOX · 2" RESILIENT WEDGE GATE VALVE W/ FEMALE THREADS · 2" COMPRESSION X FEMALE NPT ADAPTER · 2" BRASS 90° BEND · 2" X 36" BRASS NIPPLE · 12" · 2" PVC SDR 21 · CONCRETE THRUST BLOCK PER DETAIL · 12" · 2" BRASS NIPPLE 24" (MIN) LENGTH

ENGLISH STANDARD DRAWING FOR METHOD OF PIPE INSTALLATION FLEXIBLE PIPE

300.01

FLEXIBLE PIPE

TOP OF FILL · GROUND LINE · MIN. 0.0. · TYPE 1V ENGINEERING FABRIC AS DIRECTED BY ENGR. · COMPACT MATTER PIPE TO 95% PROCTOR "S" FILL · I.D.+8 MIN. NOT LESS THAN 6" · 0.0.+3" · ROCK · 1/2" PER FOOT OF "A" BUT NOT LESS THAN 12" AS DIRECTED BY ENGR. · NORMAL EARTH FOUNDATION · ROCK FOUNDATION · UNSUITABLE MATERIAL FOUNDATION · PIPE IN TRENCH · PIPE ABOVE GROUND · MIN. 0.0. · 1½" PER FOOT OF "A" BUT NOT LESS THAN 6" · SEE MIN. FILL TABLE FOR "A" · 1.5 I.D. MIN. NOT LESS THAN 6" · 1.5 I.D. MIN. NOT LESS THAN 6" · 1/2" PER FOOT OF "A" BUT NOT LESS THAN 12" · AS DIRECTED BY ENGINEER

GENERAL NOTES:
I.D. - THE MAXIMUM HORIZONTAL INSIDE DIAMETER DIMENSION.
O.D. - THE MAXIMUM HORIZONTAL OUTSIDE DIAMETER DIMENSION.
H - THE FILL HEIGHT MEASURED VERTICALLY AT ANY POINT ABOVE AND BELOW SPRINGLINE OF THE PIPE TO THE TOP OF THE EMBANKMENT AT THAT POINT.

DO NOT OPERATE HEAVY EQUIPMENT OVER ANY PIPE CULVERT UNTIL THE PIPE CULVERT HAS BEEN PROPERLY BACKFILLED AND COVERED WITH AT LEAST 2 FEET OF APPROVED MATERIAL.
SPRINGLINE OF PIPE
TAKE CARE TO FULLY COMPACT HAUNCH ZONE OF PIPE BACKFILL.
LOOSELY PLACED SELECT MATERIAL CLASS III OR CLASS II, TYPE 1 FOR PIPE BEDDING. LOAD SECTION DIRECTLY BENEATH PIPE UNCOMPACTED AS PIPE SEATING AND BACKFILL WILL ACCOMPLISH COMPACTION.
SELECT BACKFILL MATERIAL CLASS III OR CLASS II, TYPE 1 ABOVE AND BELOW SPRINGLINE
APPROVED SUITABLE LOCAL MATERIAL ABOVE SPRINGLINE.
UNDISTURBED EARTH MATERIAL
SELECT MATERIAL CLASS V OR VI FOR FOUNDATION CONDITIONING. ENCAPSULATE WITH ENGINEERING FABRIC AS DIRECTED BY THE ENGINEER.

ENGLISH STANDARD DRAWING FOR METHOD OF PIPE INSTALLATION RIGID PIPE

300.01

RIGID PIPE

TOP OF FILL · GROUND LINE · MIN. 0.0. · TYPE 1V ENGINEERING FABRIC AS DIRECTED BY ENGR. · COMPACT MATTER PIPE TO 95% PROCTOR "S" FILL · I.D.+8 MIN. NOT LESS THAN 6" · 0.0.+3" · ROCK · 1/2" PER FOOT OF "A" BUT NOT LESS THAN 12" AS DIRECTED BY ENGR. · NORMAL EARTH FOUNDATION · ROCK FOUNDATION · UNSUITABLE MATERIAL FOUNDATION · PIPE IN TRENCH · PIPE ABOVE GROUND · MIN. 0.0. · 1½" PER FOOT OF "A" BUT NOT LESS THAN 6" · SEE MIN. FILL TABLE FOR "A" · 1.5 I.D. MIN. NOT LESS THAN 6" · 1.5 I.D. MIN. NOT LESS THAN 6" · 1/2" PER FOOT OF "A" BUT NOT LESS THAN 12" AS DIRECTED BY ENGR.

GENERAL NOTES:
I.D. - THE MAXIMUM HORIZONTAL INSIDE DIAMETER DIMENSION.
O.D. - THE MAXIMUM HORIZONTAL OUTSIDE DIAMETER DIMENSION.
H - THE FILL HEIGHT MEASURED VERTICALLY AT ANY POINT ABOVE AND BELOW SPRINGLINE OF THE PIPE TO THE TOP OF THE EMBANKMENT AT THAT POINT.

DO NOT OPERATE HEAVY EQUIPMENT OVER ANY PIPE CULVERT UNTIL THE PIPE CULVERT HAS BEEN PROPERLY BACKFILLED AND COVERED WITH AT LEAST 2 FEET OF APPROVED MATERIAL.
SPRINGLINE OF PIPE
TAKE CARE TO FULLY COMPACT HAUNCH ZONE OF PIPE BACKFILL.
LOOSELY PLACED SELECT MATERIAL CLASS III OR CLASS II, TYPE 1 FOR PIPE BEDDING. LOAD SECTION DIRECTLY BENEATH PIPE UNCOMPACTED AS PIPE SEATING AND BACKFILL WILL ACCOMPLISH COMPACTION.
SELECT BACKFILL MATERIAL CLASS III OR CLASS II, BELOW SPRINGLINE
APPROVED SUITABLE LOCAL MATERIAL ABOVE SPRINGLINE.
UNDISTURBED EARTH MATERIAL
SELECT MATERIAL CLASS V OR VI FOR FOUNDATION CONDITIONING. ENCAPSULATE WITH ENGINEERING FABRIC AS DIRECTED BY THE ENGINEER.

1" WATER SERVICE LATERAL DETAIL

NTS

1" CTS WATER SERVICE TUBING - 200 PSI - SDR9 · ROADWAY · FINISH GRADE · 12" · 2" · 4'-5" · #12 SOLID COPPER TRACE WIRE · 45° MIN · METER BOX WITH CAST IRON LID MARKED "W" · INSTALL 1/2"x12" PVC STABILIZER METER TO BE CENTERED IN BOX AND 4"-5" BELOW BOTTOM OF METER BOX LID · SDR-21 200 PSI PVC WATERLINE · FORD MODEL F100004G WITH CC THREADS CORPORATION STOP OR APPROVED EQUAL · 1" METER SETTER McDONALD 24-412 WDTD 44 OR APPROVED EQUAL COPPER WITH LOCKABLE CUT OFF VALVE, DOUBLE CHECK VALVE, CTS PACK JOINT INLET SIDE AND DUAL PURPOSE OUTLET.

SERVICE SADDLE SINGLE BRASS STRAP, TWO PIECE BOLTED, CC THREAD, FORD S-70, MUELLER OR APPROVED EQUAL SIZED AS REQUIRED

CONTRACTOR TO FURNISH AND INSTALL PLASTIC METER BOX WITH CAST IRON LID AND ANGLE STOP (BY FORD OR McDONALD) TO MEET CURRITUCK COUNTY STANDARDS

CONTRACTOR SHALL PURCHASE METER AND PROVIDE TO CURRITUCK COUNTY WATER DEPARTMENT FOR INSTALLATION (NEPTUNE T10 SERIES OR HERSY 400 SERIES 1" METER)

ENGLISH STANDARD DRAWING FOR DRIVEWAY PIPE CONSTRUCTION USING NO SPECIAL END SECTIONS

310.10

20'-0" MIN. DRIVE PIPE · VARIABLE FROM 12'-0" TO 16'-0" · VAR. WIDTH · VAR. SLOPE · PROPOSED PIPE OUTSIDE DIAMETER · DRIVEWAY TYPICAL SECTION · PROPOSED DITCH · SHOULDER POINT · BLEND INTERSECTING SLOPES · ISOMETRIC OF END PIPE TREATMENT · USE AT LOCATIONS AS DIRECTED BY THE ENGINEER · PROP. PIPE · SEE NOTE 1. · VARIABLE SLOPE · PLAN · E DITCH · PROPOSED DRIVEWAY FINISH GRADE · SECTION X-X

GENERAL NOTES:
ALL DIMENSIONS GIVEN ARE FOR MINIMUM CONDITIONS. PROPER ENGINEERING JUDGEMENT MUST BE USED IN DETERMINING DRIVEWAY LOCATIONS, WIDTHS, AND PIPE LENGTHS.
FACTORS SUCH AS VEHICLE TURNING RADIUS, TRAFFIC VOLUMES, DRIVEWAY SKEW, OFFSET DISTANCE OF PIPE FROM EDGE OF PAVEMENT, PIPE DEPTHS, AND DESIGN SPEED SHOULD BE CONSIDERED IN DETERMINING DRIVEWAY WIDTHS.
NOTE:
1. THESE AREAS ARE TO BE USED TO BLEND THE INTERSECTING SLOPES TO THE PROPOSED DITCH.

ENGLISH STANDARD DRAWING FOR DRIVEWAY PIPE CONSTRUCTION USING NO SPECIAL END SECTIONS

310.10

4 X D · A · PLAN · D · SLOPE 1½:1 OR FLATTER · T · FILTER FABRIC · SECTION A-A · PIPE OUTLET WITH DITCH · 2 X D · B · 1 · 2 · PLAN · FILTER FABRIC · SECTION B-B · PIPE OUTLET WITHOUT DITCH

H= RIP RAP TO TOP OF PIPE (MAX. H = D + T)
T= 18" CLASS 1 RIP RAP, UNLESS OTHERWISE SHOWN ON PLANS
T= 12" CLASS 'B' RIP RAP, UNLESS OTHERWISE SHOWN ON PLANS

OUTLET W/DITCH · OUTLET W/O DITCH

D	CLASS 'B' RIP RAP TONS	CLASS 'B' RIP RAP EARTHWORK C.Y.	CLASS 1 RIP RAP TONS	CLASS 1 RIP RAP EARTHWORK C.Y.	CLASS 'B' RIP RAP TONS	CLASS 'B' RIP RAP EARTHWORK C.Y.	CLASS 1 RIP RAP TONS	CLASS 1 RIP RAP EARTHWORK C.Y.
12"	2	5	5	2	5	1	4	2
15"	2	7	7	3	7	1	5	3
18"	3	10	9	4	10	2	7	4
24"	5	14	15	7	15	3	11	7
30"	8	21	21	11	22	5	16	11
36"	11	28	29	15	30	7	22	16
42"	15	37	39	20	39	10	28	22
48"	-	-	49	26	50	-	-	28
54"	-	-	60	33	62	-	-	36
60"	-	-	73	40	75	-	-	44
66"	-	-	87	48	89	-	-	54
72"	-	-	102	57	104	-	-	64

NOTE:
FOR CALCULATION PURPOSES
CLASS 'B' RIP RAP = 100 LBS./FT³
CLASS I RIP RAP = 105 LBS./FT³

ENGLISH STANDARD DRAWING FOR PRECAST MANHOLE 4', 5' AND 6' DIAMETER 12" THRU 48" PIPE

840.52

GENERAL NOTES
USE 4000 PSI MINIMUM COMPRESSIVE STRENGTH CONCRETE.
FABRICATE, ASSEMBLE AND DESIGN PRECAST MANHOLE COMPONENTS ACCORDANCE WITH AASHTO M199.
ASSEMBLE RISER AND GRADE RINGS WITH THE STEPS SPACED 12" FROM THE TOP TO THE BOTTOM OF THE MANHOLE.
WHERE THE MANHOLE IS EXPOSED TO ROAD TRAFFIC, CONSTRUCT THE TOP OF THE MANHOLE FLUSH WITH THE GROUND AND A MINIMUM OF 9" ABOVE THE GROUND AT OTHER LOCATIONS.
LIMIT DEPTH OF FILL TO 30'-0" FROM FINISH GRADE TO TOP OF BOTTOM SLAB.
THE MIN. SLAB THICKNESS "T" IS THE DIMENSION OF THE THINNEST PORTION OF THE TOP/BOTTOM SLAB.
* TOP MAT OF REINFORCEMENT MAY BE NEGLECTED IF TOP SLAB HAS A DISTRIBUTION/ENABLE TOP AND BOTTOM.

D	W	T	As
EXTERNAL DIAMETER (FT.)	MIN. WALL THICKNESS (IN.)	MIN. TOP/BOTTOM SLAB THICKNESS (IN.)	MIN. CIRCUMFERENTIAL AREA OF STEEL PER VERTICAL FT. (SQ. IN.)
4	4	6	0.12
5	5	8	0.15
6	6	9	0.18

CONCENTRIC CONE SECTION · 2'-0" · ALTERNATE CONE SECTION · GRADE RING · ECCENTRIC CONE · MIN. AREA OF STEEL IS 0.07 in.² · 4" MAX. SPACING (5" CLEAR. R/F) · LOCATE WALL REINFORCEMENT IN MIDDLE THIRD OF WALL · STEP EQS SPACED AT 12" MAX. · As (CIRCUMFERENTIAL REINFORCEMENT) · LONGITUDINAL REINFORCEMENT · RISER · BASE · REINFORCED CONC. PER STD. 840.54 FOR MANHOLE RING AND COVER · USE MIN. AREA OF STEEL IN SAND BLADE OF 0.12 in² PER LINEAR FOOT EACH WAY · TYPICAL MANHOLE SECTION

FLAT TOP SLAB · ADDITIONAL #4 BARS · 1" MIN. CLR. · USE MIN. AREA OF STEEL IN TOP SLAB OF #4'S @ 5" CTS. EACHWAY (EACH FACE ").

FRAME AND GRATES	EQS. REQ.
SOLID COVER	840.54
VANEDGE GRATE	840.29
MONOLITHIC BOXCURB	840.29
	840.29
	840.29
	840.29
	840.29

ADDITIONAL #4 EACH SIDE OF OPENING (1" CLEAR OF BOTTOM FACE) · ADDITIONAL #4 EACH SIDE OF OPENING (1" CLEAR OF BOTTOM FACE PLACE BARS DIAGONAL TO CORNERS (TYP.) · FRAME & GRATE · GRATED INLET OPTION · MANHOLE OPTION

CONSTRUCTION PLAN OF
MAJOR SUBDIVISION
FOR
MOYOCK COMMONS
NOTES AND DETAILS
TAX PARCEL 001500000790000
MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

C121

Attachment: MC_SP (1822 : PB 13-12 Moyock Commons, Phase 1)

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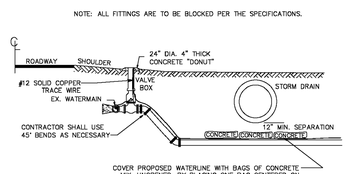
NCDENR BMP MANUAL
TABLE 7-1
REQUIRED INSPECTION FREQUENCY FOR BMPS

INSPECTION FREQUENCY	BMPS
MONTHLY AND WITHIN 24 HOURS AFTER EVERY WATER QUALITY STORM (GREATER THAN 1.5 INCHES IN COASTAL COUNTIES AND GREATER THAN 1.0 INCH ELSEWHERE)	STORMWATER WETLANDS WET DETENTION BASINS BIORETENTION CELLS
QUARTERLY AND WITHIN 24 HOURS AFTER EVERY WATER QUALITY STORM (GREATER THAN 1.5 INCHES IN COASTAL COUNTIES AND GREATER THAN 1.0 INCH ELSEWHERE)	LEVEL SPREADERS INFILTRATION DEVICES SAND FILTERS EXTENDED DRY DETENTION BASINS PERMEABLE PAVEMENT ROOFTOP RUNOFF MANAGEMENT FILTER STRIPS * GRASSED SWALES * RESTORED RIPARIAN BUFFERS *

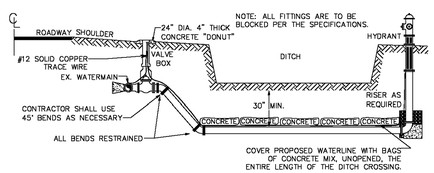
* ALTHOUGH THESE DEVICES REQUIRE QUARTERLY INSPECTION, MOWING WILL USUALLY BE DONE AT MORE FREQUENT INTERVALS DURING THE GROWING SEASON.

ALL INSPECTION AND MAINTENANCE ACTIVITIES SHOULD BE RECORDED. THE CHECKLIST, AT A MINIMUM, SHOULD INCLUDE THE FOLLOWING:
- DATE OF INSPECTION.
- CONDITION OF EACH OF THE BMP ELEMENTS.
- ANY MAINTENANCE WORK THAT WAS PERFORMED (AS WELL AS WHO PERFORMED THE WORK).
- ANY ISSUES NOTED FOR FUTURE MAINTENANCE (SEDIMENT ACCUMULATING, VEGETATION NEEDING PRUNING OR REPLACEMENT, ETC.).

WATER/SEWER CROSSING DETAIL
NTS



CULVERT CROSSING DETAIL
NTS



DITCH CROSSING DETAIL
NTS

Table 7-2
Vegetation Maintenance for BMPs

Maintenance Activity	Instructions
Replacement of Dead Plants	All dead plants should be removed and disposed of. Before vegetation that has failed on a large scale is replaced, the cause of such failure should be investigated. If the cause can be determined, it should be eliminated before any reinstallation.
Fertilization	The objective of fertilizing at a BMP is to secure optimum vegetative growth rather than yield (often the objective with other activities such as farming). Infertile soils should be amended before installation and then fertilized periodically thereafter. Fertilizer can be composed of minerals, organic matter (manure), compost, green crops, or other materials.
Irrigation/ Watering	Watering of the vegetation can often be required during the germination and establishment of the vegetation, as well as occasionally to preserve the vegetation through drought conditions. This can typically be accomplished by pumping water retained in the BMP or from the stream, installing a permanent irrigation system or frost-proof hose bib, or using portable water trucks.
Mulching	Mulching should be used to maintain soil temperature and moisture, as well as site aesthetics. A half-inch layer is typically adequate. Ideally, mulch should be removed before winter to prevent an infestation of rodents.
Weeding	Weeding is often necessary in the first growing season, particularly if herbaceous grasses are out-competing the young woody vegetation growth. The need for weeding may be largely eliminated by minimizing the amount of seed used for temporary erosion control. Weeding may also be required if, over time, invasive or undesirable species are entering the site and out-competing plants that are specifically involved in the treatment of the stormwater.
Cultivating/ Hoeing	Hoeing is often required to loosen overly compacted soil and eliminate weeds that compete with the desirable vegetation.
Pruning	Pruning is used to trim to shape and remove dead wood. It can force single-shoot shrubs and trees to assume a bushier configuration.
Thinning	Thinning dense brush may be necessary for particular species to thrive, increase the vigor of individual specimens, to reduce flow obstructions, and to increase the ability of maintenance staff to access the entire BMP. Tall maturing trees, for the most part, have no place in a BMP (except for buffers) and should be removed as soon as possible.
Staking	Saplings of tall trees planted in or near the BMP may require staking. Care should be taken not to damage the tree's roots with stakes. Stakes should be kept in place for 6 to 18 months, and the condition of stakes and ties should be checked periodically.
Wound Dressing	The wounds on any trees found broken off or damaged should be dressed following recommendations from a trained arborist.

Table 7-2, continued
Vegetation Maintenance for BMPs

Maintenance Activity	Instructions
Disease Control	Based on monitoring observations, either insecticides or (preferably) organic means of pest and fungal control should be used.
Protection from Animals and Human Foot Traffic	Fencing and signage should be installed to warn pedestrians and to prevent damage due to trampling. These measures are often most necessary during the early phases of installation but may be required at any time. Measures for controlling human foot traffic include signs, fencing, floating log barriers, impenetrable bushes, ditches, paths, and piled brush. Wildlife damage is caused by the animals browsing, grazing, and rubbing the plants. The use of chemical wildlife repellents should be avoided. Fences and meshes can be used to deter entry to the BMP. Tree tubes can be used to prevent damage to individual specimens.
Mowing	Mowing of perennial herbaceous grasses and wildflowers, especially once seed heads have set, promotes redistribution of seed for this self-sustaining system. Mowing should be carefully controlled, however, especially when performed for aesthetics. As adjacent property owners and customers in general learn more about BMPs, their vision of what is aesthetically pleasing can change. Grasses, in healthy herbaceous stands, should never be mown more than once per year.

NOTIFY
Miss Utilities At
1-800-552-700
or 811 For Locatior
of Existing Utilities

HASSELL & FOLKES, P.C.
ENGINEERS-SURVEYORS-PLANNERS
325 VOLVO PARKWAY
CHESAPEAKE, VIRGINIA 23320
PHONE: (757) 547-9531 FAX: (757) 547-9481
www.hfpc-online.com

Project No.	13-051
Date	02/15/2017
Scale	N.T.S
Drawn	WFC
Checked	SWE

MARK	REVISION	DATE	APPR.

NORTH CAROLINA
PROFESSIONAL
02-15-2017
019907
ENGINEER
STUART W. BONNELL

CONSTRUCTION PLAN OF
MAJOR SUBDIVISION
FOR
MOYOCK COMMONS
NOTES AND DETAILS
TAX PARCEL 00150000790000
MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

C122

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Attachment: MC_SP (1822 : PB 13-12 Moyock Commons, Phase 1)

4.B.c

Packet Pg. 104

50' VEGETATED FARM BUFFER
(ALONG THE REAR OF LOTS 27 THRU 43)

SECONDARY CONSERVATION AREA

SECONDARY CONSERVATION AREA

MATCHLINE, SEE THIS SHEET FOR CONTINUATION

MATCHLINE, SEE SHEET L102 FOR CONTINUATION

PARKLAND COMMONS LANE
(40' PRIVATE R/W)

MOYOCK COMMONS LANE
(40' PRIVATE R/W)

PARKVIEW COMMONS DRIVE
(40' PRIVATE R/W)

10' DRAINAGE EASEMENT

15' DRAINAGE & UTILITY EASEMENT(TYP)

10' DRAINAGE & UTILITY EASEMENT(TYP)

LAKE DATA
RIM = 9.00
N.W.L. = 5.00
BOTTOM = (-)7.00
TEMP. POND ELEV = 5.44
10-YR ELEV = 6.66

SECONDARY CONSERVATION AREA

SECONDARY CONSERVATION AREA

MOYOCK COMMONS DRIVE
(80' PUBLIC R/W)
(P.C. F. SL 128)

SEE SHEET L103 FOR LANDSCAPE PLANTING DETAILS AND GENERAL NOTES

TYPE A LANDSCAPE BUFFER
(ALONG THE REAR OF LOTS 46 THRU 55 & LAKE#2)

PRIMARY CONSERVATION AREA | SECONDARY CONSERVATION AREA

MATCHLINE, SEE THIS SHEET FOR CONTINUATION

PRIMARY CONSERVATION AREA

PARKVIEW COMMONS DRIVE
(40' PRIVATE R/W)

CONSERVATION AREA NOTES:

1. NO LAND DISTURBING ACTIVITIES SHALL OCCUR WITHIN THE PRIMARY CONSERVATION AREA LOCATED AT THE SOUTH END OF THE DEVELOPMENT (SEE PLAN FOR LIMITS).
2. THE CONTRACTOR IS TO PRESERVE AS MANY TREES AS POSSIBLE TO THE GREATEST EXTENT POSSIBLE WITHIN THE SECONDARY CONSERVATION AREAS, SEE SECTION 5.2.3 OF THE CURRITUCK COUNTY UDO.

STREET TREE NOTES:

1. STREET TREE LOCATIONS ARE APPROXIMATE DUE TO INDIVIDUAL LOT DRIVEWAY LOCATIONS, ETC.
2. STREET TREES SHALL BE PLANTED AFTER FINAL GRADING FOR THE INDIVIDUAL LOTS.

DENOTES CONSERVATION AREA
(SEE PLAN FOR LIMITS)

DENOTES T-1
DENOTES T-2
DENOTES T-3
DENOTES T-4
DENOTES T-5
DENOTES T-6
DENOTES T-7
DENOTES T-8

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

PLANTING PLAN SCHEDULE

KEY	QTY	BOTANICAL NAME	COMMON NAME	CALIPER	HEIGHT	SPACING
TREES						
T-1	50	Taxodium distichum	BALD CYPRESS	2" MIN	6'-8' MIN	AS SHOWN
T-2	80	Platanus x acerifolia	LONDON PLANETREE	2" MIN	6'-8' MIN	AS SHOWN
T-3	39	Quercus coccinea	SCARLET OAK	2" MIN	6'-8' MIN	AS SHOWN
T-4	93	Platanus occidentalis	SYCAMORE	2" MIN	6'-8' MIN	AS SHOWN
T-5	95	Acer rubrum	RED MAPLE	2" MIN	6'-8' MIN	AS SHOWN
T-6	74	Quercus virginiana	LAUREL OAK	2" MIN	6'-8' MIN	AS SHOWN
T-7	58	Cercis canadensis	EASTERN REDBUD	1-1/2" MIN	6'-8' MIN	AS SHOWN
T-8	58	Lagerstroemia indica	CREPE MYRTLE	1-1/2" MIN	6'-8' MIN	AS SHOWN

NOTIFY
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or 811 For Location
of Existing Utilities

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ENGINEERS-SURVEYORS-PLANNERS
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PHONE: (757) 547-9533 FAX: (757) 547-9461
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Project No.	13-05
Date	02/15/201
Scale	1" = 5
Drawn	WF
Checked	SW

MARK	REVISION	DATE	APPR.

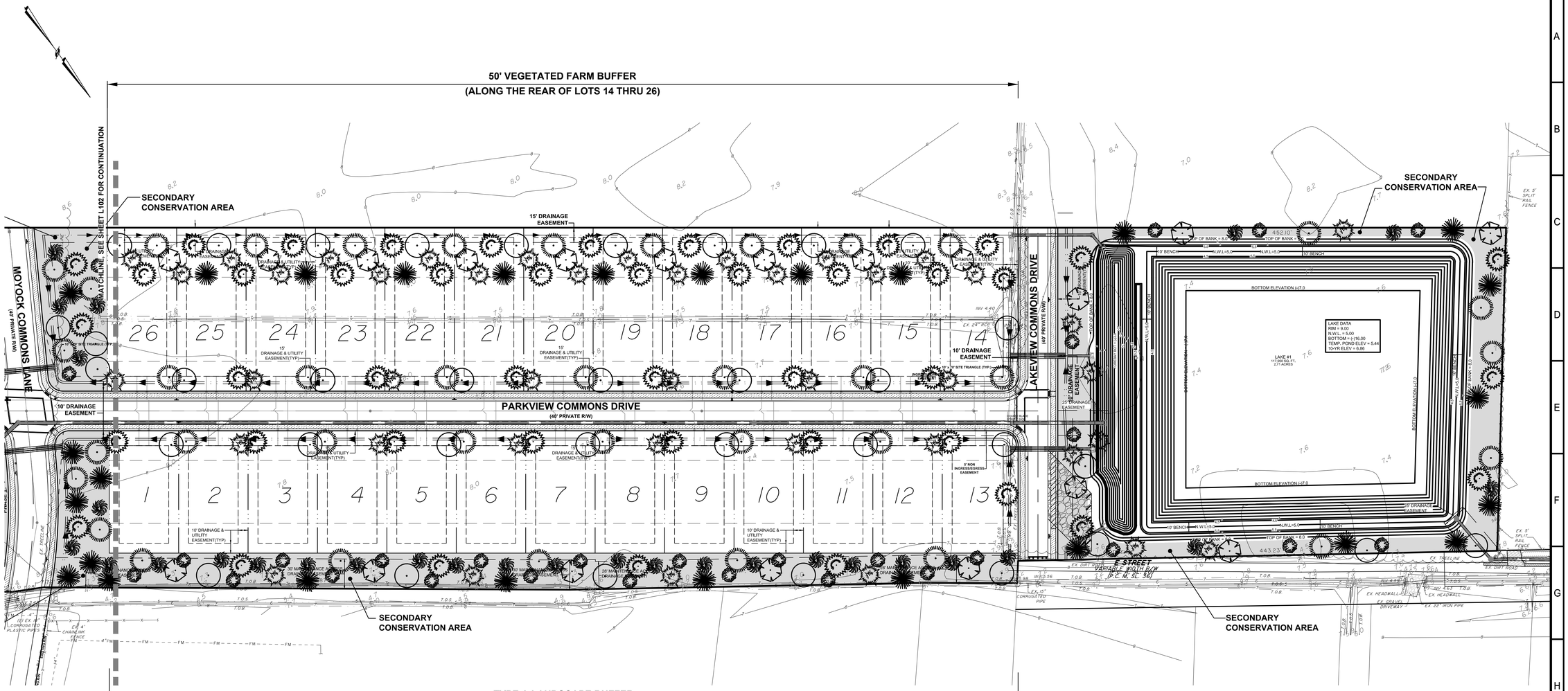
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL
STUART W. BONNELL
02-15-2017
019907

CONSTRUCTION PLAN OF
MAJOR SUBDIVISION
FOR
MOYOCK COMMONS
LANDSCAPE PLAN
TAX PARCEL 00150000790000
MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

L101

Attachment: MC_SP (1822 : PB 13-12 Moyock Commons, Phase 1)

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DENOTES CONSERVATION AREA (SEE PLAN FOR LIMITS)

CONSERVATION AREA NOTES:

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STREET TREE NOTES:

1. STREET TREE LOCATIONS ARE APPROXIMATE DUE TO INDIVIDUAL LOT DRIVEWAY LOCATIONS, ETC.
2. STREET TREES SHALL BE PLANTED AFTER FINAL GRADING FOR THE INDIVIDUAL LOTS.

SEE SHEET L103 FOR LANDSCAPE PLANTING DETAILS AND GENERAL NOTES

PLANTING PLAN SCHEDULE

KEY	QTY	BOTANICAL NAME	COMMON NAME	CALIPER	HEIGHT	SPACING
TREES						
T-1	50	Taxodium distichum	BALD CYPRESS	2" MIN	6'-8' MIN	AS SHOWN
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DENOTES T-1
DENOTES T-2
DENOTES T-3
DENOTES T-4
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DENOTES T-8

GRAPHIC SCALE
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1 inch = 50 ft.

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Project No.	13-05
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Drawn	WF
Checked	SW

MARK	REVISION	DATE	APPR.

NORTH CAROLINA
PROFESSIONAL
STUART W. BONNELL
02-15-2017
019907
ENGINEER

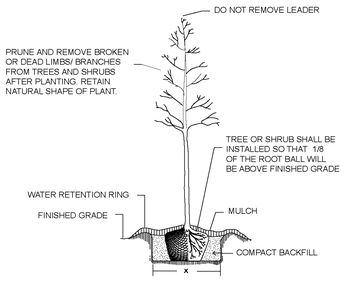
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TAX PARCEL 00150000790000
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CURRITUCK COUNTY, NORTH CAROLINA

L102

Attachment: MC_SP (1822 : PB 13-12 Moyock Commons, Phase 1)

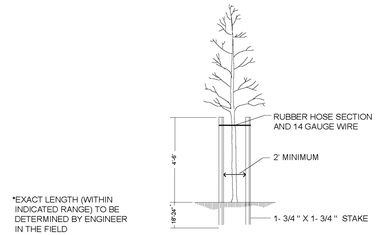
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Tree or Shrub Planting Detail
level ground



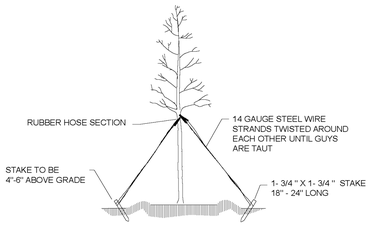
X = 2 TIMES THE DIAMETER OF THE CONTAINER OR THE ROOT BALL DIAMETER

Staking Detail
for trees 6 to 10

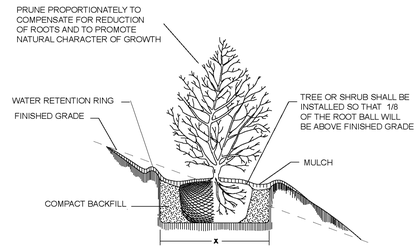


*EXACT LENGTH (WITHIN INDICATED RANGE) TO BE DETERMINED BY ENGINEER IN THE FIELD

Tree Guying Detail
for trees 10 or larger

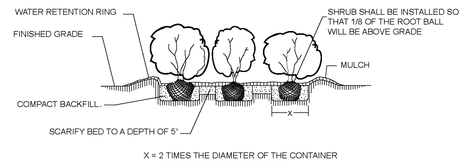


Tree or Shrub Planting Detail
sloping ground



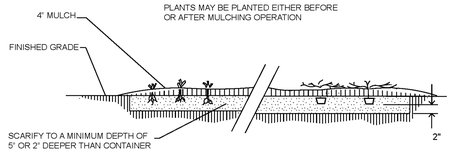
X = 2 TIMES THE DIAMETER OF THE CONTAINER OR THE ROOT BALL DIAMETER

Shrub Bed Planting Detail



X = 2 TIMES THE DIAMETER OF THE CONTAINER OR THE ROOT BALL DIAMETER

Groundcover/ Perrenial/ Annual Planting Detail



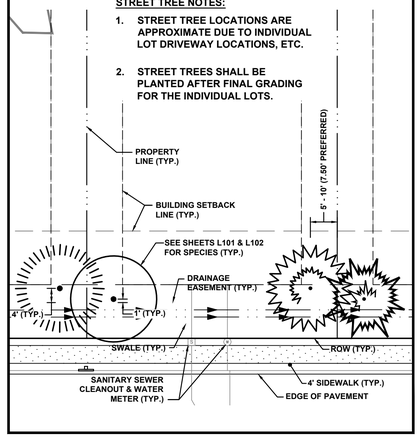
12 14 13

LANDSCAPING SPECIFICATIONS

1. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, ETC. NECESSARY TO COMPLETE ALL PLANTING AS SHOWN ON THIS DRAWING, AS SPECIFIED HEREIN AND/OR AS REQUIRED BY JOB CONDITIONS. THE WORK IN GENERAL INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING: (1)
2. PROVIDE ALL PLANT MATERIAL AS INDICATED, (2) EXCAVATION OF TREE PITS, (3) BACKFILL FOR TREE PITS, (4) FERTILIZING, GUYING, WRAPPING, (5) MAINTENANCE AND GUARANTEE, (6) ALL OTHER ITEMS NECESSARY TO MAKE WORK COMPLETE.
3. TOPSOIL SHALL BE SUPPLIED BY THE OWNER IN NECESSARY QUANTITY. THE CONTRACTOR MAY USE TOPSOIL AFTER SECURING SOIL TEST (V.P.I.) AND APPLYING RECOMMENDED TREATMENT THEREOF. TOPSOIL SHALL BE FRIABLE, FERTILE, FINE LOAM OF NATURAL CHARACTERIZATIONS TYPICAL OF TOPSOIL OF LOCALITY, FREE OF NOXIOUS WEEDS, STONES LARGER THAN TWO INCHES, AND ALL OTHER DELETERIOUS MATERIAL.
4. FERTILIZER SHALL BE OF 5-10-10 FORMULAE, OF A RECOGNIZED MANUFACTURER OF COMMERCIAL FERTILIZER, AND SHALL CONFORM TO THE APPLICABLE STATE AND LOCAL FERTILIZER LAWS. IT SHALL BE UNIFORM IN COMPOSITION, DRY AND FREE FLOWING, SHALL NOT BE STORED IN DIRECT CONTACT WITH THE GROUND AND SHALL BE DELIVERED TO THE SITE IN THE ORIGINAL, UNOPENED CONTAINERS,
5. SHALL BE "AZALEA AND CAMELLIA SPECIAL" OF A RECOGNIZED MANUFACTURER BEARING THE MANUFACTURER'S GUARANTEE ANALYSIS. AZALEA-CAMELLIA FERTILIZER
6. STAKES FOR SUPPORTING TREES SHALL BE 2 INCHES SQUARE OR ROUND, BY EIGHT 8 FEET SOUND WOOD, TREATED FOR ONE-HALF THEIR LENGTH WITH CREOSOTE OR OTHER APPROVED WOOD PRESERVATIVE. WIRE FOR FASTENING TREES TO STAKES SHALL BE NO. 12 GAUGE PLIABLE GALVANIZED IRON. HOSE TO ENCASE GUY WIRES OR WIRES USED FOR FASTENING TREES TO STAKES SHALL BE NEW OR USED 2-PLY REINFORCED RUBBER GARDEN HOSE.
7. PEAT MOSS SHALL BE BROWN; ACID REACTION ABOUT 5-1/2 TO 7 PH; LOW IN CONTENT OF WOODY MATERIAL AND FREE OF MATERIAL MATTER HARMFUL TO PLANT LIFE; WATER ABSORBING CAPACITY; 100 TO 200 PERCENT;MOISTURE CONTENT 30 PERCENT NATURAL SHREDDED OR GRANULATED.
8. THE CONTRACTOR SHALL MAKE, AT HIS EXPENSE, WHATEVER ARRANGE- MENTS MAY BE NECESSARY TO ENSURE AN ADEQUATE SUPPLY OF WATER TO MEET THE NEEDS OF THIS CONTRACT. HE SHALL ALSO FURNISH ALL NECESSARY HOSE, EQUIPMENT ATTACHMENTS AND ACCESSORIES FOR THE ADEQUATE IRRIGATION OF LAWNS AND PLANTED AREAS AS MAY BE REQUIRED.
9. MULCH SHALL BE CLEAN COARSE PINE BARK MULCH OF APPROVED KIND AS GENERALLY AVAILABLE AT LOCAL MARKETS, APPLIED 3 INCHES IN DEPTH OVER ALL BEDS, SHRUBS AND TREE PLANTINGS, EXCEPT THAT, WHERE SLOPES INDICATE LIKELIHOOD OF WASH, CLEAN BALED WHEAT STRAW SHALL BE USED. AT DRAINAGE DISPERSION POINTS OR ALONG NATURAL WATER WAYS WHERE CONCENTRATIONS OF SURFACE WATER EMPTY FROM CULVERT OR PAVED DITCH. SOIL SAVER OR OTHER HEAVY JUTE MESH SHALL BE INSTALLED IN APPROVED MANNER AND TO SUCH EXTENT AS WILL PREVENT EROSION. ALL AZALEA AND CAMELLIA PLANTING BEDS SHALL REQUIRE ONE INCH OF PINE STRAW MULCH UNDER THE 3 INCHES OF BARK MULCH.
10. THE NAMES OF PLANTS REQUIRED UNDER THIS CONTRACT CONFORM TO THOSE GIVEN IN STANDARDIZED PLANT NAMES, 1942 EDITION, PREPARED BY THE AMERICAN JOINT COMMITTEE ON HORTICULTURAL NOMENCLATURE. NAMES OF VARIETIES NOT INCLUDED THEREIN CONFORM GENERALLY WITH NAMES ACCEPTED IN THE NURSERY TRADE. PLANTS SHALL HAVE A HABIT OF GROWTH THAT IS NORMAL FOR THE SPECIES AND SHALL BE SOUND, HEALTHY, VIGOROUS, WITH WELL DEVELOPED ROOT SYSTEMS AND FREE FROM INSECT PESTS, PLANT DISEASES, AND INJURIES. ALL PLANTS SHALL EQUAL OR EXCEED THE MEASUREMENTS SPECIFIED IN THE PLANT LIST, WHICH ARE MINIMUM ACCEPTABLE SIZES. TREES SHALL HAVE SINGLE TRUNKS EXCEPT AS NOTED. ALL SHRUBS SHALL BE HEALTHY, VIGOROUS, AND OF GOOD COLOR. ANY NECESSARY PRUNING SHALL BE DONE AT TIME OF PLANTING, HOWEVER, NO PLANT SUPPLIED UNDER THIS CONTRACT SHALL BE PRUNED BACK TO SUCH EXTEND THAT IT NO LONGER MEETS SPECIFICATIONS. REQUIREMENTS FOR THE MEASUREMENTS, BRANCHING, GRADING, QUALITY, BALLING, AND BURLAPPING OF PLANTS IN THE PLANT LIST GENERALLY FOLLOW THE CODE OF STANDARDS CURRENTLY RECOMMENDED BY THE AMERICAN STANDARD FOR NURSERY STOCK. SUBSTITUTIONS WILL BE PERMITTED ONLY UPON SUBMISSION OF PROOF THAT ANY PLANT IS NOT OBTAINABLE AND AUTHORIZATION BY THE OWNER OF A CHANGE ORDER PROVIDING FOR USE OF THE NEAREST EQUIVALENT OBTAINABLE SIZE OR VARIETY OF PLANT HAVING THE SAME ESSENTIAL CHARACTERISTICS WITH AN EQUITABLE ADJUSTMENT OF CONTRACT PRICE.
11. BALLED AND BURLAPPED PLANTS ("B & B") SHALL BE DUG WITH FIRM, NATURAL BALLS OF EARTH OF SUFFICIENT DIAMETER AND DEPTH TO ENCOMPASS THE FIBROUS AND FEEDING ROOT SYSTEM NECESSARY FOR FULL RECOVERY OF THE PLANT. BALLS SHALL BE FIRMLY WRAPPED WITH BURLAP OR SIMILAR MATERIAL AND BOUND WITH TWINE OR CORD. PLANTS NOTED "POT" ON THE PLANT LIST MUST BE POT-GROWN WITH WELL ESTABLISHED ROOT SYSTEMS. NO CANNED PLANT SHALL BE LOOSE IN THE ROOT BALL. ALL PLANTS INJURED AND PLANTS WITH ROOT BALLS BROKEN DURING PLANTING OPERATIONS WILL BE REJECTED. THE BALLS "B & B" PLANTS WHICH CANNOT BE PLANTED IMMEDIATELY ON DELIVERY SHALL BE COVERED WITH MOIST SOIL OR MULCH, OR OTHER PROTECTION FROM DRYING WINDS AND SUN. BARE-ROOTED PLANTS ("BR") SHALL BE PLANTED OR HEELED-IN IMMEDIATELY UPON DELIVERY. ALL PLANTS SHALL BE WATERED AS NECESSARY UNTIL PLANTED. THE CONTRACTOR SHALL BE NOTIFIED BY THE OWNER, WHEN OTHER DIVISIONS OF THE WORK HAVE PROGRESSED SUFFICIENTLY, TO COMMENCE WORK OF PLANTING OPERATION. THEREAFTER, PLANTING OPERATIONS SHALL BE CONDUCTED UNDER FAVORABLE WEATHER CONDITIONS DURING THE NEXT SEASON OR SEASONS WHICH ARE NORMAL FOR SUCH WORK. REMOVAL OF ROCK OR OTHER UNDERGROUND OBSTRUCTIONS, RELOCATIONS OR CONSTRUCTION, AND PROVISION OF DRAINAGE FOR PLANTING AREAS SHALL BE DONE ONLY AS DIRECTED BY THE OWNER.
12. NEW PLANTING SHALL BE LOCATED WHERE SHOWN ON THE PLAN EXCEPT WHERE OBSTRUCTIONS BELOW GROUND ARE ENCOUNTERED OR WHERE CHANGES HAVE BEEN MADE ONLY AFTER APPROVAL BY THE OWNER. REASONABLE CARE SHALL BE EXERCISED TO HAVE PLANTING PITS DUG AND SOIL PREPARED PRIOR TO MOVING PLANTS TO THEIR RESPECTIVE LOCATIONS TO ENSURE THAT THEY WILL NOT BE UNNECESSARILY EXPOSED TO DRYING ELEMENTS OR TO PHYSICAL DAMAGE. DIAMETER OF PITS FOR TREES AND "B & B" SHRUBS AND VINES SHALL BE AT LEAST TWO FEET GREATER THAN THE DIAMETER OF THE BALL OR SPREAD OR ROOTS.
13. SOIL USED IN PLANTING SHALL BE SUITABLE EXISTING SOIL. VERY POOR SOIL, GRAVE, HARD-PAN, OR OTHER SOIL INJURIOUS TO PLANTS SHALL NOT BE USED. EXCEPT FOR ERICACEOUS PLANTS, VERY ACID OR SOUR SOIL (HAVING A PH OF LESS THAN 6) SHALL BE THOROUGHLY MIXED WITH SUFFICIENT LIME TO PRODUCE A SLIGHTLY ACID REACTION (A PH OF 6 TO 6.5).
14. ALL PLANTS SHALL BE PLANTED UPRIGHT AND FACED TO GIVE THE BEST APPEARANCE OR RELATIONSHIP TO ADJACENT STRUCTURES. NO BURLAP SHALL BE PULLED OUT FROM UNDER BALLS. ROOTS SHALL BE SPREAD IN THEIR NORMAL POSITION. ALL BROKEN OR FRAYED ROOTS SHALL BE CUT OFF CLEANLY. TREES SHALL BE SUPPORTED IMMEDIATELY AFTER PLANTING. ALL TREES SHALL BE STAKED. WIRES SHALL BE ENCASED IN HOSE TO PREVENT DIRECT CONTACT WITH BARK OF THE TREE AND SHALL BE PLACED AROUND THE TRUNK IN SINGLE LOOP. WIRES SHALL BE TIGHTENED AND KEPT TAUT. STAKES SHALL BE EQUALLY SPACED ABOUT EACH TREE AND THE END TREATED WITH WOOD PRESERVATIVE SHALL BE DRIVEN VERTICALLY INTO THE GROUND TO A DEPTH OF 2-1/2 TO 3 FEET IN SUCH MANNER AS NOT TO INJURE THE BALL OR ROOTS.
15. GROUND COVER SHALL BE PLANTED IN BEDS HAVING A MINIMUM DEPTH OF 6 INCHES. PLANTS SHALL BE EVENLY SPACED AND SET TO FINISHED GRADE LEVEL, AFTER SETTLEMENT. ALL PLANTS SHALL BE MULCHED WITH A 3-INCH LAYER OF PINE BARK MULCH WITHIN TWO DAYS AFTER PLANTING. THIS MULCH SHALL ENTIRELY COVER THE AREA OF THE PLANTING PIT, BED, OR SAUCER AROUND EACH PLANT. AT THE TIME OF PLANTING, EACH PLANT AND THE SOIL AROUND IT SHALL BE THOROUGHLY SATURATED WITH WATER AND AS MANY TIMES LATER AS SEASONABLE CONDITIONS REQUIRE, UNTIL ACCEPTANCE OF THE WORK. CARE SHOULD BE EXERCISED WHEN WATERING TO AVOID FLOODING OF PLANTS AND BEDS, DISPLACEMENT OF MULCH MATERIAL AND EROSION OF SOIL. AVOID USE OF HIGH PRESSURE HOSES. AFTER ALL OTHER WORK IS COMPLETED, BARK MULCH SHALL BE SPREAD TO A DEPTH OF 3 INCHES MINIMUM AROUND ALL PLANTING BEDS.
16. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER PLANTING. NEW PLANTING SHALL BE PROTECTED AS MAINTAINED FOR A PERIOD OF TEN (10) WEEKS AFTER FINAL ACCEPTANCE OF THE WORK BY THE OWNER. MAINTENANCE SHALL INCLUDE WATERING, WEEDING, CULTIVATING, MULCHING, REMOVAL OF DEAD MATERIALS, RESETTING PLANTS TO PROPER GRADES OR UPRIGHT POSITION, RESTORATION OF PLANTING SAUCER, AND OTHER NECESSARY OPERATIONS. PROPER PROTECTION TO EXISTING LAWN AREAS SHALL BE PROVIDED AND ANY DAMAGE RESULTING FROM PLANTING OPERATIONS SHALL BE REPAIRED PROMPTLY. ADEQUATE PROTECTION FOR LAWN AREAS AGAINST TRESPASSING DURING PLANTING OPERATIONS AND AGAINST DAMAGE OF ANY KIND SHALL BE PROVIDED. NOTHING IN THESE SPECIFICATIONS IS INTENDED TO RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO REPAIR EXISTING LAWN AREAS DAMAGED BY WORKMEN ENGAGED IN THE COMPLETION OF THIS PROJECT.
17. INSPECTION OF THE WORK TO DETERMINE COMPLETION OF THE CONTRACT EXCLUSIVE OF THE POSSIBLE REPLACEMENT OF PLANTINGS, WILL BE MADE BY THE ENGINEER'S LANDSCAPER DESIGNER AT THE CONCLUSION OF THE INSTALLATION PERIOD UPON WRITTEN NOTICE REQUESTING SUCH INSPECTION. REQUEST SHALL BE SUBMITTED BY CONTRACTOR AT LEAST TEN DAYS PRIOR TO THE ANTICIPATED DATE FOR INSPECTION. AFTER INSPECTION, THE CONTRACTOR WILL BE NOTIFIED IN WRITING BY THE OWNER OF ACCEPTANCE OF THE WORK, EXCLUSIVE OF THE POSSIBLE REPLACEMENT OF PLANTS SUBJECT TO GUARANTY; OR, IF THERE ARE ANY DEFICIENCIES, THE CONTRACTOR WILL BE NOTIFIED OF THE REQUIREMENTS NECESSARY FOR COMPLETION OF THE WORK.
18. NURSERY STOCK SHALL BE FULLY GUARANTEED FOR ONE FULL YEAR. ALL PLANTS THAT FAIL TO MAKE NEW GROWTH FROM A DORMANT CONDITION OR THAT DIE DURING THE FIRST YEAR AFTER PLANTING SHALL BE REPLACED. ALL REPLACEMENTS SHALL CONFORM WITH THE ORIGINAL SPECIFICATIONS AS TO SIZE AND TYPE. ALL GUARANTEES ARE PREDICATED ON THE ASSURANCE THAT THE OWNER HAS PROPERLY CARED FOR ALL PLANTS AFTER THE CONTRACTOR HAS BEEN RELEASED FROM HIS MAINTENANCE OBLIGATIONS. IN THE EVENT THAT A DIFFERENCE OF OPINION SHALL ARISE OVER THE REPLACEMENT OF ANY PLANT, THE DECISION OF THE ENGINEER'S LANDSCAPE DESIGNER SHALL BE FINAL. ALL COSTS OF REPLACEMENTS SHALL BE BORNE BY THE CONTRACTOR.
19. **METHOD OF MEASUREMENT AND BASIS FOR PAYMENT:**
20. LANDSCAPING WILL NOT BE MEASURED BUT SHALL INCLUDE ALL STOCK, EXCAVATION, INSTALLATION, TOPSOIL, BACKFILLING, FERTILIZER, GUYING, MULCH, TESTING, MAINTENANCE, AND GUARANTEES REQUIRED FOR THE COMPLETION OF CONSTRUCTION AS SHOWN. PAYMENT FOR THE WORK SPECIFIED HEREIN SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR LANDSCAPE PLANTING.
21. THE LUMP SUM PRICE SHALL INCLUDE ALL MATERIALS, LABOR, EQUIPMENT, PERMITS, INSPECTION, TESTING, AND SUPERVISION REQUIRED TO PERFORM THE LANDSCAPING WORK. THE BIDDER SHALL INCLUDE WITH HIS LUMP SUM PRICE HIS ESTIMATE OF THE NATURE AND QUANTITIES OF EACH PHASE OF WORK AND SHALL
22. FURNISH A COMPLETE DETAILED COST BREAKDOWN OF EACH PHASE APPLICABLE IN ARRIVING AT HIS LUMP SUM BID PRICE INCLUDING THOSE NOT LISTED ON THE BID LIST SHEET.
23. THE BIDDER MAY ADD ADDITIONAL ITEMS WHICH HE CONSIDERS CONTRIBUTING TO THE SCOPE OF WORK INCLUDED IN HIS LUMP SUM PRICE.

STREET TREE NOTES:

1. **STREET TREE LOCATIONS ARE APPROXIMATE DUE TO INDIVIDUAL LOT DRIVEWAY LOCATIONS, ETC.**
2. **STREET TREES SHALL BE PLANTED AFTER FINAL GRADING FOR THE INDIVIDUAL LOTS.**



TYPICAL STREET TREE LOCATION DETAIL

SCALE: 1"=20'

NOTIFY Miss Utilities At 1-800-552-7001 or 811 For Location of Existing Utilities

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MARK	REVISION	DATE	APPR.

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 019907 STUART W. BONNELL 02-15-2017

CONSTRUCTION PLAN OF MAJOR SUBDIVISION FOR **MOYOCK COMMONS**

LANDSCAPE NOTES & DETAILS

TAX PARCEL 00150000790000
MOYOCK TOWNSHIP
CURRITUCK COUNTY, NORTH CAROLINA

L103

Attachment: MC_SP (1822 : PB 13-12 Moyock Commons, Phase 1)

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Currituck County
Department of Planning and Community Development
153 Courthouse Road, Suite 110
Currituck, North Carolina 27929
252-232-3055
FAX 252-232-3026

MEMORANDUM

To: Stuart Bonnell, Hassell & Folkes

From: Tammy Glave, Senior Planner

Date: January 12, 2016

Re: PB 13-12, Moyock Commons, Phase 1, Preliminary Plat/Use Permit

The following comments have been received for the January 18, 2017 Technical Review Committee meeting. Modifications of the request must be submitted by January 23, 2016 in order to remain on the February 20, 2017 Board of Commissioners' agenda. TRC comments are valid for six months from the date of the TRC meeting.

Planning, (Tammy Glave, 252-232-6025)

Approved with corrections:

1. Please label the plat as Phase 1.
2. Please provide the wetland delineation approved by the Army Corps of Engineers. (Administrative Manual and the Unified Development Ordinance (UDO) Sections 6.4 and 7.6). If wetlands are shown on that delineation, the wetlands must become a part of the primary conservation area and riparian buffers established accordingly.
3. Corner lots shall provide access from the street with less traffic. Lots 13, 14, 43, and 45 require a 5' non-access easement along Moyock Commons Drive. The easement appears to only be labeled on lot 45. Please correct. (UDO Sections 5.6.7 and 10.3.3)
4. Please show cross-walks at intersections and indicated how they will be delineated (striped, raised, etc.). (UDO Section 5.6.10)
5. The existing Moyock Commons Drive must be improved to NCDOT standards. (UDO Section 6.2.1)
6. The front and rear utility and drainage easements are shown on the plat. Please call out the 10' side lot line utility easements. (UDO Section 6.2.3)
7. Please make sure that the client is aware that all new utilities must be underground. (UDO Section 6.2.3)
8. Two major drainage ditches (Moyock Service District Ditches 1 and 4) run along the eastern and southern property lines. A 25' maintenance access drainage easement is required as measured from the top of embankment. Please show the easement on the plat. (UDO Section 7.3.4)

Comments for future reference:

- A payment-in-lieu of recreation and park area dedication will be required at final plat.
- Prior to plat recordation, you may wish to remove references to Virginia Department of Transportation, Virginia Power, etc.

Attachment: Moyock Commons, Phase 1 PP TRC Comments 1-18-17 (1822 : PB 13-12 Moyock Commons, Phase 1)

Currituck County Building Inspections (Bill Newns, 252-232-6023)
Reviewed without comment.

Currituck County Code Enforcement (Stacey Smith, 252-232-6027)
Reviewed without comment.

Currituck County Engineer [(Eric Weatherly/Michelle Perry 252-232-6035 and Currituck Soil and Water (Will Creef, 252-232-3360)]
Reviewed with comments:

1. The model, as presented, was reviewed for consistency with what we know about the drainage system of the area and for consistency with accepted engineering practice. Results were taken at face-value and assumed to be correct if within reasonable norms when examining inputs and outputs (i.e. the model itself was not re-run by the reviewer). With the exception of items noted below, the model input & output was judged to be reasonable and within accepted engineering practice.
2. Question: How does the model account for bends in the outfall pipe and entrance & exit losses at the DI's since it is modeled as a single link?
3. Draw-down hydrograph for the pond system should be included for review. How long does it take the pond system to draw back down to normal pond after a storm event?
4. Manning's n for outfall swales seems low. Please provide a brief justification of the use of n=0.021. Are any downstream outfall swale improvements proposed?
5. Plans: The outfall pipe system crossing of Puddin Ridge Road appears to have an elevation conflict with the existing roadside ditch on the south side of the road (top of pipe @ approx. 6.4', inv. existing ditch @ approx. 5.3'). If this conflict is addressed via the installation of an inlet to accept the ditch flow from the Puddin Ridge Road Ditch (flow coming from west), then a node should be added to the model at this location and pre & post conditions evaluated.
6. NCDOT: Approval will be required from NCDOT for the placement of this drainage infrastructure. If alterations are made to the existing NCDOT ditch system (particularly in response to the above comment), NCDOT's drainage group will need to evaluate this proposal as part of their encroachment agreement.
7. Drainage Easement: From the deed provided, it is not clear to me that the location of the 35' perpetual easement (DB394, Pg 822) is shown correctly on the plans. The deed grants use of the easement, but it is not clear if the easement is within the boundaries of the adjoining parcel (as shown on the plans), or if it is a previously existing easement which is located within the E Street R/W which the grantors had rights to. GIS may be able to clarify this. If not, then further deed research to establish the origin of the easement is warranted. If the origin cannot be reasonably established or if this deed (DB 394, Pg 822) does, in fact, create the easement, then the language is open to interpretation and the County Attorney should weigh-in.

Currituck County Fire Marshal (James Mims, 252-232-6641)
Denied/Resubmit:

1. This has been reviewed by staff several times but has never received preliminary plat approval. The requirement for fire flows changed as of April 2014. I will need to see that the needed fire flow is not greater than the available fire flow. This could affect building separation/setbacks. (ISO)

Attachment: Moyock Commons, Phase 1 PP TRC Comments 1-18-17 (1822 : PB 13-12 Moyock Commons, Phase 1)

Currituck County GIS (Harry Lee, 252-232-4039)

Reviewed with comment:

1. Address assignment for Moyock Commons:

Lot 1: 125 Parkview Commons Dr
Lot 2: 123 Parkview Commons Dr
Lot 3: 121 Parkview Commons Dr
Lot 4: 119 Parkview Commons Dr
Lot 5: 117 Parkview Commons Dr
Lot 6: 115 Parkview Commons Dr
Lot 7: 113 Parkview Commons Dr
Lot 8: 111 Parkview Commons Dr
Lot 9: 109 Parkview Commons Dr
Lot 10: 107 Parkview Commons Dr
Lot 11: 105 Parkview Commons Dr
Lot 12: 103 Parkview Commons Dr
Lot 13: 101 Parkview Commons Dr
Lot 14: 100 Parkview Commons Dr
Lot 15: 102 Parkview Commons Dr
Lot 16: 104 Parkview Commons Dr
Lot 17: 106 Parkview Commons Dr
Lot 18: 108 Parkview Commons Dr
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Lot 22: 116 Parkview Commons Dr
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Lot 32: 210 Parkview Commons Dr
Lot 33: 212 Parkview Commons Dr
Lot 34: 214 Parkview Commons Dr
Lot 35: 216 Parkview Commons Dr
Lot 36: 218 Parkview Commons Dr
Lot 37: 220 Parkview Commons Dr
Lot 38: 222 Parkview Commons Dr
Lot 39: 224 Parkview Commons Dr
Lot 40: 226 Parkview Commons Dr
Lot 41: 228 Parkview Commons Dr
Lot 42: 230 Parkview Commons Dr

Attachment: Moyock Commons, Phase 1 PP TRC Comments 1-18-17 (1822 : PB 13-12 Moyock Commons, Phase 1)

Lot 43: 232 Parkview Commons Dr
Lot 44: 103 Parkland Commons Ln
Lot 45: 101 Parkland Commons Ln
Lot 46: 237 Parkview Commons Dr
Lot 47: 235 Parkview Commons Dr
Lot 48: 233 Parkview Commons Dr
Lot 49: 231 Parkview Commons Dr
Lot 50: 229 Parkview Commons Dr
Lot 51: 227 Parkview Commons Dr
Lot 52: 225 Parkview Commons Dr
Lot 53: 223 Parkview Commons Dr
Lot 54: 221 Parkview Commons Dr
Lot 55: 219 Parkview Commons Dr

Currituck County Utilities (Pat Irwin, 252-232-6061)
Approved with correction:

1. Place a 2" blow off with thrust restraint on the south side of the 4" waterline in front of Lot 45.

Albemarle Regional Health Services (Joe Hobbs, 252-232-6603)
Reviewed with comment:

1. PROPOSED SUB-DIVISION WILL REQUIRE WASTEWATER TREATMENT AND DISPOSAL APPROVAL FROM THE NC DIVISION OF WATER QUALITY(WASHINGTON OFFICE-252-946-6481) AND THE MOYOCK REGIONAL WASTEWATER SYSTEM.
2. THIS PROPOSED SUB-DIVISION WILL ALSO REQUIRE AN APPROVED WATER SUPPLY FROM A PUBLIC OR PRIVATE WATER SYSTEM APPROVED BY THE NC PUBLIC WATER SUPPLY BRANCH(WASHINGTON OFFICE-252-946-6481).

NC Division of Coastal Management (Charlan Owens, 252-264-3901)
Reviewed without comment.

US Postal Service, Moyock Postmaster

1. Please contact the local postmaster (Moyock) to determine the mode of delivery and type of delivery equipment.

The following items are necessary for resubmittal:

- 3 - full size copies of revised plans.
- 1- 8.5"x11" copy of all revised plans.
- 1- PDF digital copy of all revised or new documents and plans.

Attachment: Moyock Commons, Phase 1 PP TRC Comments 1-18-17 (1822 : PB 13-12 Moyock Commons, Phase 1)

Proposed Moyock Commons
Residential Subdivision

PRELIMINARY PLAT SUBMITTAL

12-21-16

Zoning Conditions

Attachment: 02 lt_MC_zoning conditions (1822 : PB 13-12 Moyock Commons, Phase 1)

HASSELL & FOLKES, P.C.
ENGINEERS-SURVEYORS-PLANNERS
325 VOLVO PARKWAY
CHESAPEAKE, VIRGINIA 23320
PHONE: (757) 547-9531 FAX: (757) 547-9481

Attachment: 02 lt_MC_zoning conditions (1822 : PB 13-12 Moyock Commons, Phase 1)

COUNTY OF CURRITUCK
Planning and Community Development Department
Planning and Zoning Division
153 Courthouse Road, Suite 110
Currituck, North Carolina 27929
Telephone (252) 232-3055 / Fax (252) 232-3026

March 18, 2014

Moyock Land Co., LLC
500 Pacific Avenue, #600
Virginia Beach, VA 23451

Hassell & Folkes, PC
Jim Bradford, CLA
325 Volvo Parkway
Chesapeake, VA 23320

RE: PB 13-12 Moyock Commons – Conditional Rezoning

Dear Owner/Applicant:

At its March 17, 2014 meeting, the Currituck County Board of Commissioners approved the request for a conditional rezoning of 27.66 acres from AG (Agricultural) to CD-SFM (Conditional District-Single Family Mainland), Tax Map 15, Parcel 79, Moyock Township with the following zoning conditions:

1. Minimum rear yard setback for all residential lots along the perimeter boundary shall be as shown on plan. These setbacks shall apply to all principal uses but shall not apply to fences or accessory structures. ***In no instance shall setbacks be less than allowed by the UDO.***
2. Prior to any land disturbing activities within the development, the property owner shall conduct a tree inventory plan as required by Section 7.2 of the UDO. The purpose of said plan shall be to identify the number and location of any heritage trees present and the methods by which they will be preserved.
3. That an effort be made to work with the owner of the existing commercial shopping center to extend a sidewalk from the proposed development to the shopping center.
4. The property shall be developed in accordance with the Conceptual Development Plan dated December 26, 2013.
5. On-street parking shall be prohibited by the provision of signage.
6. The location of rights-of-way, open space areas, setbacks, and stormwater management areas shall be as generally shown on the approved conceptual development plan.
7. The developer agrees that stormwater management for the improvements resulting from this application shall not exceed pre-developed discharge rates as allowed by ordinance.

Attachment: 02 lt_MC_zoning conditions (1822 : PB 13-12 Moyock Commons, Phase 1)

Such improvements shall be identified by means of a preliminary drainage impact study to be provided by the developer and approved by the county prior to submittal of the preliminary subdivision plat. As an alternative, at the developer's discretion, downstream improvements to include ditch regarding and cleaning, piping and the purchase of any required easements for the conveyance of stormwater may be accomplished in accordance with a county approved plan.

8. All residential dwellings shall be constructed either with crawl spaces or on raised slabs (finished floor at least 16 inches above outside ground grade).
9. The use of prefabricated structures or trailers as dwellings shall be strictly prohibited.

If you have any questions, please call me at 252-232-6029.

Sincerely,

Ben E. Woody, AICP
Planning and CD Director

BEW/st

Enclosure

Cc: Harry Lee, Currituck County

Proposed Moyock Commons
Residential Subdivision

PRELIMINARY PLAT SUBMITTAL

12-21-16

Community Meeting Written Summary

HASSELL & FOLKES, P.C.
ENGINEERS-SURVEYORS-PLANNERS
325 VOLVO PARKWAY
CHESAPEAKE, VIRGINIA 23320
PHONE: (757) 547-9531 FAX: (757) 547-9481

Attachment: 04 MC_CommunityMeeting_Summary (1822 : PB 13-12 Moyock Commons, Phase 1)

Hassell & Folkes, P.C.
Engineers Surveyors Planners

S. Grey Folkes, Jr., P.E.
Leigh Anne Folkes, P.E.
Stuart W. Bonnell, P.E.
Sean C. Marsden, P.E.
Timothy M. Fallon, L.S.

T. Ray Hassell, III, L.S.
(1932-1984)
Stradford G. Folkes, P.E.
(1927-2007)

Attachment: 04 MC_CommunityMeeting_Summary (1822 : PB 13-12 Moyock Commons, Phase 1)

PROPOSED MOYOCK COMMONS
September 30, 2016

SUMMARY OF COMMUNITY MEETING
HELD ON SEPTEMBER 27, 2016

ATTACHMENTS INCLUDED

- Community Meeting Agenda
- Signup sheet
- Photos from Peggy Lusk
- Construction plan sheet C113
- NOTE: A copy of the full set of construction plans available for viewing during the meeting is available upon request

PROJECT INTRODUCED AS FOLLOWS:

- General Discussion
  - Shared Meeting Agenda attached
  - Design would comply with County Ordinances
  - County ordinance requires that lake discharge would not increase water surface elevations in offsite, downstream ditches by more than 0.01' on the 10-year storm recurrence interval
  - Run off from the entire development would drain to the on-site lakes and ultimately discharge to Ditch #4 at Puddin Ridge Road via underground storm drain piping.
  - Basis of current storm water analysis is study prepared by Quible & Associates
  - Utility extensions
  - Site Ingress/Egress
  - Conservation Areas
  - Large Capacity Lakes

SPECIFIC REQUESTS FOR A RESPONSE BY DEVELOPER/ENGINEER

- Quality of Housing Product (Kathy Ehler)
  - Quality and size of proposed houses
  - House sales prices
  - Proposed house construction material

PROPOSED MOYOCK COMMONS
September 29, 2016

SUMMARY OF COMMUNITY MEETING
HELD ON SEPTEMBER 27, 2016

- Will Crodick requested the developer contact him about elementary school overcrowding at 757-633-3212

FROM RESIDENTS:

- Peggy Lusk forwarded photos (attached) of recent flooding (event during week of 9-19-16)

TRAFFIC (OFF-SITE)

- General Discussion of Moyock Commons Drive
  - Private Right-of-Way
  - Use by Moyock Commons requires an agreement with owner of the private R/W
  - Emergency vehicle/government vehicle access
  - School bus access
- Concerns raised by residents:
  - Traffic signal would result in long wait times for left turn movements onto Route 168
  - Exiting motorists may reroute through commercial property using other drive aisles/entrances
  - Accidents frequently occur on Route 168 near the intersection with Moyock Commons Drive.

TRAFFIC (ON-SITE)

- General Discussion:
  - All proposed roads would be private
  - Road widths
  - Sidewalk locations
  - Road side parking would not be allowed
  - Driveways/garages would provide for on-lot parking
  - Potential for NCDOT to accept road maintenance in the future for both Moyock Commons Drive and proposed subdivision roads
- Concerns raised by residents:
  - School buses need to turn around in intersections instead of cul-de-sacs.
  - School buses must back-up with children onboard.
  - Sidewalks could be blocked by parked vehicles
  - An emergency access route is not proposed

Attachment: 04 MC_CommunityMeeting_Summary (1822 : PB 13-12 Moyock Commons, Phase 1)

PROPOSED MOYOCK COMMONS
September 29, 2016

SUMMARY OF COMMUNITY MEETING
HELD ON SEPTEMBER 27, 2016

Attachment: 04 MC_CommunityMeeting_Summary (1822 : PB 13-12 Moyock Commons, Phase 1)

LOCAL FLOODING

- Frequent flooding conditions as described by residents:
  - Flooding is frequent and has been observed for many years
  - Vicinity of the project especially along 'E' Street;
  - Parcels adjacent to 'E' Street
  - Flooding of the Food Lion site especially BMP flooding
  - Parcels immediately adjacent to Food Lion site – Food Lion BMP overflows then runs off to adjacent parcels
  - Parcels immediately adjacent to the proposed development
  - Parcels along 'D' street
  - Parcels along Simms Road
  - Quail Estates
  - Ditch #5 that drains Quail Estates

- Concerns raised by residents:
  - Food Lion BMP overflows and floods adjacent properties located to the north
  - Berm along Simms Road creates a bowl effect and creates inefficient drainage which leads to flooding
  - Existing ditch #4 is at capacity
  - Existing impermeable soils lead to increased runoff volumes
  - Proposed improvements would cause increased flooding
  - Reoccurring flooding is wind driven. Waters from the sound are pushed inland up Shingle Landing Creek and local ditches

- Other information provided by residents
  - An additional drainage study is being prepared for the County Stormwater District
  - Photos were presented showing recent flooding from the week of September 19th rain event.

STORM WATER MANAGEMENT

- General Discussion:
  - Lake benches proposed for environmental quality and safety
  - Road side ditches in R/W and drainage easement along lot frontages
  - Improvements along 'E' Street as shown on attached Sheet C113 to include new culvert under Puddin Ridge Road to increase the drainage efficiency of Ditch #4
  - Small diameter stub pipes are proposed to drain ditches from the Voliva Property (189 Puddin Ridge Road) that would otherwise be blocked by proposed pond outfall pipe

- Current calculated discharge from pond to Ditch #4 at Puddin Ridge Road would be less than 1- CFS (approximately 0.6 - CFS)

- Concerns raised by residents:
  - Quality of BMP maintenance
  - Responsibility for BMP maintenance – HOA not effective
  - No proposed fencing along lake rims
  - Current proposed lake depth

CONSERVATION AREAS

- General Discussion:
  - Conservation areas consist of wooded areas, park areas, and lakes
- Concerns raised by residents:
  - Quality of maintenance
  - Responsibility for maintenance – HOA not effective

GENERAL SITE

- General Discussion:
  - Building envelopes, front and side setbacks
  - Parking area for recreational vehicles is proposed

- Concerns raised by residents:
  - Existing high ground water
  - Aerators in the lakes
  - Questioned the age of the current County Unified Development Ordinance
  - The character of the development is out of place for Moyock
  - Prefer other uses for this property such as a Senior Citizens Living Facility
  - Approved density is not preferred
  - All garbage maintenance in Moyock is private
  - Residents in Moyock Commons must deliver their trash to the transfer site.

SCHOOLS

- Concerns raised by residents:
  - Moyock Elementary School is at or over capacity

UTILITIES

- General Discussion:

Attachment: 04 MC_CommunityMeeting_Summary (1822 : PB 13-12 Moyock Commons, Phase 1)

PROPOSED MOYOCK COMMONS
September 29, 2016

SUMMARY OF COMMUNITY MEETING
HELD ON SEPTEMBER 27, 2016

- Water extended from system on Moyock Commons Drive
- Gravity sewer connected to existing system on Moyock Commons Drive
- Existing sewage pump station allowed for use by County

- Concerns raised by residents:
  - Sewage from existing pump station at Food Lion site has overflowed in the past during power outages
  - Sewage during the overflow has discharged to adjacent properties

COUNTY PROCEDURE

- General Discussion:
  - Engineer would submit this summary for Community Meeting to Planning Department for review by County staff
  - Residents would view this summary at County offices

Attachment: 04 MC_CommunityMeeting_Summary (1822 : PB 13-12 Moyock Commons, Phase 1)

Stuart Bonnell

From: W Brumsey <wbrumsey4@brumseylaw.com>
Sent: Monday, September 19, 2016 5:02 PM
To: Charles Friedman; Stuart Bonnell
Cc: Grey Folkes; Leigh Folkes
Subject: RE: Moyock Commons - E Street Easement

Below is the text from my e-mail dated January 27, 2016 to Chip:

Chip:

In my opinion the easement described in the attached deed (394/822) does lie over E St and not within the adjoining property as shown in your plat.

The Jarvis family owned all of this property at one time. In Deed Book 86, Page 19, the Jarvis family conveyed 6 acres to W. H. Romm. The beginning point of the description in that deed is on Puddin Ridge Rd. and is 35 feet from the property line. The Jarvis family essentially retained a 35 feet strip of land to use as access to the property you own now. That 35 feet strip is where the easement in 394/822 lies and E street is within that 35 feet strip.

William Brumsey, IV
BRUMSEY AND BRUMSEY, PLLC
PO Box 100
2883 Caratoke Hwy.
Currituck, NC 27929
Office 252-232-2252 Ext. 222
Mobile 252-207-2035
Fax 252-232-3038

From: Charles Friedman [mailto:csfriedman1@gmail.com]
Sent: Monday, September 19, 2016 4:28 PM
To: Stuart Bonnell <stuart@hfpc-online.com>
Cc: Grey Folkes <greysurfs@gmail.com>; Leigh Folkes <leighf@hfpc-online.com>; W Brumsey <wbrumsey4@brumseylaw.com>
Subject: Re: Moyock Commons - E Street Easement

Stuart, An attorney I hired named Bill Brumsey IV who's office is in Currituck researched e street title and agreed that the easement is where you say it is, he is on this email now if anyone needs to contact him, thank you, chip friedman

Sent from my iPhone

On Sep 19, 2016, at 3:44 PM, Stuart Bonnell <stuart@hfpc-online.com> wrote:

> Chip, earlier in our meeting in our office you had mentioned that the County attorney had agreed with the location of the easement along 'E Street. So that I would be armed with it for the community meeting, within the next couple of days, could you please email me a copy of the attorney's message? You mentioned that this message had previously been forwarded to me – after searching, I cannot seem to find this in our records. Thanks, Stuart

Attachment: email_MC_WilliamBrumsley_OffsiteEasementOpinion (1822 : PB 13-12 Moyock Commons, Phase 1)

HASSELL & FOLKES, P.C.
Stuart W. Bonnell, P.E.
325 Volvo Parkway
Chesapeake, VA 23320
757-547-9531

Attachment: email_MC_WilliamBrumsley_OffsiteEasementOpinion (1822 : PB 13-12 Moyock Commons, Phase 1)

Proposed Moyock Commons
Residential Subdivision

PRELIMINARY PLAT SUBMITTAL

12-21-16

Wetland Certification Letter

Attachment: 12 Wetland Certification Letter (1822 : PB 13-12 Moyock Commons, Phase 1)

HASSELL & FOLKES, P.C.
ENGINEERS-SURVEYORS-PLANNERS
325 VOLVO PARKWAY
CHESAPEAKE, VIRGINIA 23320
PHONE: (757) 547-9531 FAX: (757) 547-9481

TTC Corporation

Environmental Sciences and Consulting since 1989

December 2, 2015

Mr. Charles Friedman
Moyock Land Company, LLC
3500 Virginia Beach Blvd.
Suite 600
Virginia Beach, VA. 23452

Project: Moyock Commons Phase I
Wetlands Opinion

Dear Mr. Friedman:

I have attached a copy of the infra red aerial photograph showing the wetlands areas.

The preliminary wetlands delineation is based on initial field inspections, the National Wetlands Inventory map and review of historical aerial photographs and infra red imagery.

Based upon review of the preliminary layout of the 55 lot subdivision it appears that area 2 and a small portion of area 3 will be impacted. These areas comprise a total of 1 acre or less of wetlands impact. Area 1, most of area 3, area 4 and 5 will not be impacted by this development.

Should you have any further questions regarding this matter please do not hesitate to contact me. Thank you for the opportunity to be of service to you at this time.

Sincerely,

Keith M. Miller LPSS, CES, CWD
Licensed Professional Soil Scientist

13561 Courthouse Highway
Smithfield, Virginia 23430
Cell 757-409-2869
Email: TTCCorporation@aol.com

Attachment: 12 Wetland Certification Letter (1822 : PB 13-12 Moyock Commons, Phase 1)

OS NORTH-CROWN POINT WATERSHED DISTRICT ADVISORY BOARD
2-YEAR TERMS

Incumbent	Nominated by	New Appointee	Nominated by	Date of Appointment	End of Term
Gerrilea Adams	Consensus			June 6, 2016	Initial June 6, 2018
Terry Anderson	Consensus			June 6, 2016	Initial June 6, 2018
Linda Garczynski	Consensus			June 6, 2016	Initial June 6, 2017
Braxton Hill	Consensus			June 6, 2016	Initial June 6, 2018
Al Marzetti	Consensus			June 6, 2016	Initial June 6, 2017
Barbara Marzetti	Consensus			June 6, 2016	Initial June 6, 2018
Ed Pence	Consensus			June 6, 2016	Initial June 6, 2017

All members eligible for two, two-year terms at initial expiration.

Attachment: OS North-Crown Point Watershed District Appointment Form (1904 : Ocean Sands/Crown

CURRITUCK COUNTY
NORTH CAROLINA

May 15, 2017
Minutes – Regular Meeting of the Board of Commissioners

WORK SESSION

1. **4:00 PM Open House at the Historic Jarvisburg Colored School, 7302 Caratoke Highway, Jarvisburg**

The Currituck County Board of Commissioners attended an open house at 4 PM at the Historic Jarvisburg Colored School.

6:00 PM CALL TO ORDER

The Currituck County Board of Commissioners met at 6 PM in the Board Meeting Room of the Historic Currituck Courthouse, 153 Courthouse Road, Currituck, NC, for a regular meeting.

Attendee Name	Title	Status	Arrived
Bobby Hanig	Chairman	Present	
Mike H. Payment	Vice Chairman	Present	
Paul M. Beaumont	Commissioner	Present	
Mary "Kitty" Etheridge	Commissioner	Present	
Marion Gilbert	Commissioner	Present	
Mike D. Hall	Commissioner	Present	
Bob White	Commissioner	Present	

Chairman Hanig called the meeting to order and announced the Board's earlier visit to the Historic Jarvisburg Colored School.

A) Invocation & Pledge of Allegiance-Reverend Frank Custer, Mt. Zion United Methodist Church

Reverend Frank Custer gave the Invocation and members of local Boy Scout Troop #182, who were in attendance, led the Pledge of Allegiance.

B) Approval of Agenda

Commissioner Hall requested an agenda amendment to add an appointment to the Economic Development Board. Chairman Hanig added a budget amendment for the Lower Currituck Volunteer Fire Department to the consent agenda budget amendments item.

Commissioner Gilbert moved to approve as amended and the motion was seconded by

Communication: Minutes for May 15, 2017 (Approval Of Minutes for May 15, 2017)

Commissioner Payment. The motion passed unanimously.

Approved agenda:

Work Session

4:00 PM Open House at the Historic Jarvisburg Colored School, 7302 Caratoke Highway, Jarvisburg

6:00 PM Call to Order

A) Invocation & Pledge of Allegiance-Reverend Frank Custer, Mt. Zion United Methodist Church

B) Approval of Agenda

Public Comment

Please limit comments to matters other than those appearing on this agenda as a Public Hearing. Public comments are limited to 3 minutes.

Administrative Reports

A) **Currituck County Annual Stewardship Report Presented by Cathy Davison, Executive Director, Albemarle Commission**

Public Hearings

A) **PB 17-02 Currituck County Sign Ordinance Text Amendment:** Request to amend the Unified Development Ordinance Chapter 5: Development Standards and Chapter 10: Definitions and Measurement, for a substantial rewrite of the County's Signage regulations to comply with a recent Supreme Court decision.

Old Business

A) Consideration of An Ordinance Amending Chapter 10, Division 2 of the Currituck County Code of Ordinances by Adding Section 10-65 to Prohibit Operation of Motor Vehicles on the Beach Strand and Foreshore with Air Pressure in Tires Exceeding Certain Pounds per Square Inch Depending on the Weight of a Motor Vehicle

B) Consideration of An Ordinance Amending Chapter 10, Article II, Division 7 of the Currituck County Code of

Communication: Minutes for May 15, 2017 (Approval Of Minutes for May 15, 2017)

Ordinances by Striking Section 10-128 and Adding Sections 10-125 through 10-129 to Provide for Dune and Beach Preservation

New Business

A) Presentation of the Annual Budget for FY 2017-2018 and Set a Date for Public Hearing and Possible Action

B) Consideration and Action on An Ordinance of the Currituck County Board of Commissioners Amending Section 10-63 of Chapter 10 of the Currituck County Code of Ordinances to Allow Certain Activities Involving Motor Vehicles on the Beach Strand and Making a Technical Correction

C) Board Appointments

1. Board of Adjustment
2. Amended Item-Economic Development

D) Consent Agenda

1. Approval Of Minutes for April 17, 2017
2. Budget Amendments
3. Resolution of the Board of Commissioners Requesting a Road Name Change from Terminal Road to Airport Road
4. Proclamation-Vulnerable Adults and Elder Abuse Awareness
5. Chief Building Inspector Job Description Revision
6. NCDOT Petition for Road Addition-Pagoda Trail at Backwoods Reserve

E) Commissioner's Report

F) County Manager's Report

Special Meeting of the Tourism Development Authority

Presentation of the Tourism Development Authority Budget for FY 2017-2018 and Set a Date for Public Hearing and Possible Action

TDA Budget Amendments

Special Meeting of the Ocean Sands Water and Sewer District Board

Ocean Sands Water and Sewer District Budget Amendment

Adjourn

Communication: Minutes for May 15, 2017 (Approval Of Minutes for May 15, 2017)

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Marion Gilbert, Commissioner
SECONDER:	Mike H. Payment, Vice Chairman
AYES:	Bobby Hanig, Chairman, Mike H. Payment, Vice Chairman, Paul M. Beaumont, Commissioner, Mary "Kitty" Etheridge, Commissioner, Marion Gilbert, Commissioner, Mike D. Hall, Commissioner, Bob White, Commissioner

PUBLIC COMMENT

Please limit comments to matters other than those appearing on this agenda as a Public Hearing. Public comments are limited to 3 minutes.

Chairman Hanig opened the public comment period.

Eric Remington, an Attorney for the Currituck Club Property Owner's Association, spoke about the commercial beach driving ordinance amendment to be considered by the Board. He said he believes the proposed ordinance amendment would negatively affect the current valet service provided to visitors to the Currituck Club and requested the item be tabled or rejected.

Heidi Corsello, General Manager of the Currituck Club also believes an amendment will remove the beach valet service and would be detrimental by removing the management of the beach access area. She said the service has been well received and visitors depend on the valet service and requested the item be tabled.

David Knoch, a resident of Currituck Club, spoke of his family's use of the trolley and noted the handicap transportation service for his wife.

Chris Marik, part owner of Ocean Atlantic Rentals in Point Harbor, said the amendment creates an unfair advantage to Planned Unit Development (PUD) subcontractors, and his business would be at a severe disadvantage with the proposal. He requested the Board keep the current morning and evening hours as is for beach equipment services.

Currituck Club property owners Marge Searing, Bruce Walton, Cathy Latloukal and Arthur Cox all spoke against the ordinance amendment believing its adoption would eliminate the trolley service amenity, harming rentals, tax revenues and property values, and would detract from the visitor experience.

With no others wishing to speak Chairman Hanig closed the Public Comment period.

ADMINISTRATIVE REPORTS

A. Currituck County Annual Stewardship Report Presented by Cathy Davison, Executive Director, Albemarle Commission

Cathy Davison, Executive Director of the Albemarle Commission, presented information and statistics on Currituck County services provided by the Commission over the last year. Services and programs reviewed included Meals on Wheels, congregate meals served

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at the senior centers, Home and Community Care Block Grants, transportation, adult day health care and in-home aide, Senior Games, Senior supply donations and workforce development programs. The Balancing Nature and Commerce program was discussed and an update was provided on a county broadband initiative. Ms. Davison said the Commission provided 32,827 units of service for 2,041 clients at a cost of $2.66 per service.

In closing, Ms. Davison thanked the Board for continued support and for allowing the Commission to provide services to residents of Currituck. The Elder Abuse Awareness Walk was announced and is scheduled for June 15, 2017.

PUBLIC HEARINGS

A. PB 17-02 Currituck County Sign Ordinance Text Amendment:

Subject: PB 17-02 Currituck County Sign Ordinance Text Amendment

The enclosed text amendment, initiated by the Currituck County Planning and Community Development Department, is a substantial rewrite of the County's Signage regulations. The amendment is necessary to be consistent with constitutional requirements. The proposed amendment complies with the Supreme Court decision in *Reed v. Town of Gilbert, Arizona*. The decision in the *Reed* case renders content-based regulations unconstitutional. In essence, if a sign has to be read in order to determine whether a regulation applies, the regulation is most likely unconstitutional and illegal. The Reed case centered on non-commercial signage regulations. Commercial based distinctions are permitted.
Planning Staff presented options for amending the sign ordinance to the Board of Commissioners (BOC) at the January 2017 retreat. The BOC directed staff to allow one non-commercial sign per property, allow additional signage for road frontage and to allow an additional three non-commercial signs during election season. The BOC also directed staff to continue to allow the commercial, use-based signage.

Text Amendment Review Standards

The advisability of amending the text of the UDO is a matter committed to the legislative discretion of the Board of Commissioners and is not controlled by any one factor. In determining whether to adopt or deny the proposed text amendment, the Board of Commissioners may weigh the relevance of and consider whether and the extent to which the proposed text amendment:

(1) Is consistent with the goals, objectives, and policies of the Land Use Plan and other applicable county-adopted plans;
   a. *The amendment does not conflict with county-adopted plans.*

(2) Is not in conflict with any provision of this Ordinance or the County Code of Ordinances;
   a. *The amendment does not conflict with the County's ordinances.*

(3) Is required by changed conditions;
   a. *The amendment is required to comply with the U.S. Supreme Court decision in Reed v. Town of Gilbert, Arizona. And is required to correct unconstitutional provisions of the County's Unified Development Ordinance.*

(4) Addresses a demonstrated community need;
   a. *The amendment is required to assure that County ordinances are fair and in the public interest.*

(5) Is consistent with the purpose and intent of the zoning districts in this Ordinance, or would improve compatibility among uses and ensure efficient development within the county;
   a. *The proposed amendment is consistent with the purpose and intent of the zoning districts of the County's Unified Development Ordinance.*

(6) Would result in a logical and orderly development pattern; and
   a. *The proposed amendment will continue to result in a logical and orderly development pattern.*

(7) Would not result in significantly adverse impacts on the natural environment, including but not limited to water, air, noise, stormwater management, wildlife, vegetation, wetlands, and the natural functioning of the environment.
   a. *The proposed amendment should have no effect on the natural environment.*

Land Use Plan Consistency and Reasonableness

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The UDO requires the Board of Commissioners adopt a statement of consistency and reasonableness that describes whether the decision on the amendment is consistent with county adopted plans that are applicable and why the decision is reasonable and in the public interest. The 2006 Land Use Plan provides several policy statements in reference to this amendment request:

POLICY CA1: The important economic, tourism, and community image benefits of attractive, functional MAJOR HIGHWAY CORRIDORS through Currituck County shall be recognized. Such highway corridors, beginning with US 158 and NC 168, shall receive priority attention for improved appearance and development standards, including driveway access, landscaping, buffering, signage, lighting and tree preservation.

POLICY CA4: SIGN POLICIES AND STANDARDS should be established and periodically updated to enhance community appearance and create a quality business image. Such standards may be tailored to achieve different development characters for different parts of the county.

POLICY CA5: Currituck County recognizes that an attractive, less commercialized landscape, particularly along heavily traveled land and water routes, is essential to the tourist-based economy of the area. The placement of additional BILLBOARDS AND OFF-SITE ADVERTISING SIGNS shall not be permitted in Currituck County.

The requested text amendment is consistent with the 2006 Land Use Plan because:

- It includes standards to enhance community appearance and create a quality business image by regulating sign quantity, area, height, lighting and maintenance. (LUP POLICY CA4)
- It recognizes and protects the community image benefits of the Major Highway Corridors thorough continuing to incorporate sign number, area and height restrictions. (LUP POLICY CA1)
- It continues to prevent the placement of additional Billboards. (LUP POLICY CA5)

The request is reasonable and in the public interest because:

- It implements changes to unconstitutional ordinance provisions to comply with the Supreme Court's ruling in *Reed v. Town of Gilbert, Arizona*.
- The proposed changes extend the protection of The First Amendment of the United States Constitution.

Staff Recommendation

Staff recommends adoption of the proposed text amendment because it complies with text amendment review standards of the UDO, it is consistent with the 2006 Land Use Plan, and it is reasonable and in the public interest.

Planning Board Recommendation:

April 11, 2017:

Mr. McColley motioned to approve PB 17-02 Sign Ordinance because the requested text amendment is consistent with the 2006 Land Use Plan:

- It includes standards to enhance community appearance and create a quality business image by regulating sign quantity, area, height, lighting and maintenance. (LUP POLICY CA4)
- It recognizes and protects the community image benefits of the Major Highway Corridors thorough continuing to incorporate sign number, area and height restrictions. (LUP POLICY CA1)
- It continues to prevent the placement of additional Billboards. (LUP POLICY CA5)

And because the request is reasonable and in the public interest because:

- It implements changes to unconstitutional ordinance provisions to comply with the Supreme Court's ruling in *Reed v. Town of Gilbert, Arizona*.
- The proposed changes extend the protection of The First Amendment of the United States Constitution.

Included in the approval is a recommendation to the Board of Commissioners for G. Special Events Signs: 2, 3 & 4 for reinstatement and strike any reference to the Outer Banks.

Mr. O'Brien seconded the motion and the motion carried unanimously.

RESULT: RECOMMENDED APPROVAL (WITH RECOMMENDATION) [UNANIMOUS]

PB 17-02
CURRITUCK COUNTY PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT

Amendment to the Unified Development Ordinance Chapter 5: Development Standards, to revise the Signage Ordinance to be in compliance with *Reed v. Town of Gilbert, Arizona* and Chapter 10: Definitions and Measurement to provide consistency between the signage standards and the relevant definitions.

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BE IT ORDAINED by the Board of Commissioners of the County of Currituck, North Carolina that the Unified Development Ordinance of the County of Currituck be amended as follows:

Item 1: That Chapter 5. Development Standards, Section 5.12.I. Purpose and Intent is amended by adding the following underlined language and renumbering accordingly:

5.12.1. Purpose and Intent

The purpose of this section is to support and compliment the various land uses allowed in Currituck County by the adoption of regulations concerning the placement, number, location, size, appearance, illumination, and animation of signs. The erection of signs is controlled and regulated in order to promote the health, safety, welfare, convenience, and enjoyment of travel on streets, as well as protect the public investment in such streets. The provisions of this section are also intended to:

A. Promote the reasonable, orderly, and effective display of signs, displays, and devices;

B. Protect the public welfare as well as land values by preserving the aesthetic qualities of the unique natural environment;

C. Preserve the county's environment from excessive and obtrusive signs;

D. Promote the safety of persons and land by providing that signs do not create traffic hazards or hazards due to collapse, fire, collision, decay, or abandonment;

E. Promote the efficient transfer of general public and commercial identification or information and maintain a viable business community throughout the year by improving the legibility and effectiveness of signs;

F. Preserve the environment from excessive and obtrusive signs in support of the county's resort and tourism industry; and

G. Enhance the image, appearance, and economic vitality of the community.

H. Allow non-commercial speech anywhere that commercial, advertising or business signs are permitted.

Item 2: That Chapter 5. Development Standards, Section 5.12.2 Prohibited Signs is amended by adding the following underlined language and removing the strikethrough language:

5.12.2 Prohibited Signs

The following signs are prohibited:

A. Off-premise advertising signs (billboards), including digital billboards, except as otherwise provided by this Ordinance;

B. Signs located within the sight distance triangle or public right-of-way (without an approved NCDOT encroachment agreement);

C. Signs attached to the structure of a lawfully permitted sign, without a permit, except as otherwise provided by this Ordinance;

D. Signs attached to any traffic sign, utility pole, or tree, except as otherwise provided by this Ordinance;

E. A sign that by its location, color, illumination, size, shape, nature, or message would obstruct the view of or be confused with official traffic signs or other signs erected by governmental agencies;

F. Signs that emit a sound, odor, or visible matter such as smoke or vapor;

G. Signs that exhibit statements, suggestive words, or pictures of an obscene or pornographic nature;

H. Banners, inflatable signs or balloons, flags (except those exempted by this Ordinance), pennants, streamers, propellers, whirligigs, umbrellas with logos or commercial messages, and animated display boards;

I. Signs or portions of signs designed to move by any means or give the appearance of movement in any manner except for suspended signs intended for pedestrians and flags as described in this Ordinance;

J. Roof signs;

K. Vehicle signs on vehicles or trailers that are not currently licensed and registered by the Department of Motor Vehicles;

L. Internally-illuminated signs (other than window signs) on lots located on the Outer Banks; and

M. ~~Portable signs and m~~ Mobile marquee signs on lots in the Outer Banks.

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Item 3: That Chapter 5. Development Standards, Section 5.12.4 Signs Exempted from Sign Permit Requirements is amended by adding the following underlined language, removing the strikethrough language, and renumbering accordingly:

5.12.4 Signs Exempted from Sign Permit Requirements

~~The signs in Table 5.12.4,~~ The following non-illuminated signs are exempt from the requirements to obtain sign permit approval, but are subject to the standards in Section 5.12.8, Maintenance Standards, and the standards in this ~~sub-~~section.

Non-Commercial Signs

One temporary sign may be placed on a property at any time provided the sign does not exceed eight square feet in area and four feet in height.

One additional temporary sign may be placed on a property that is actively listed or offered for sale. Such sign shall be removed within five days following the sale date of the property. The sign shall not exceed eight square feet in area and four feet in height.

One additional temporary sign may be placed on a property where an active, unexpired building permit has been issued by the County. Such sign shall be removed within ten days after the issuance of a certificate of compliance. The sign shall not exceed eight square feet in area and four feet in height.

Up to three additional temporary signs may be placed on a property for a period of 30 days prior to an election involving candidates or an issue on the ballot of an election. Such signs shall be removed within ten days of the conclusion of the election. Each sign shall not exceed eight square feet in area and four feet in height.

One additional temporary sign may be placed on a property with road frontage greater than 160 feet and an additional temporary sign may be placed for each additional 100 feet of road frontage provided that each additional sign shall not exceed 32 square feet in area and 10 feet in height; and the signs maintain a minimum spacing of 50 feet.

One additional sign may be placed on a property with a compliant home occupation. The sign shall not exceed six square feet in area and four feet in height if freestanding or eight feet in height if wall-mounted.

A property owner may place wall signs on a building such that the signs shall not singularly or collectively exceed 14 square feet in area and 20 feet in height.

Flags and Banners

Up to four flags are permitted per major subdivision, existing PUD or Planned Development entrance. Subdivision flags shall not exceed 24 square feet in area and 20 feet in height.

Up to one additional flag and one banner, not to exceed 30 square feet in area or 10 feet in height is permitted at a model home location within a major subdivision, existing PUD or Planned Development.

On-Premise Signs located in Business and Mixed-Use Zoning Districts

Window Signs

Window signs shall not exceed 25 percent of the total window area that contains the sign, except that trademark and merchandise displayed for sale shall not be included in the total window sign area.

Temporary Signs and Flags located on the Mainland

Limited to a maximum of two per lot; sign area shall not singularly or collectively exceed 40 square feet; sign height shall not exceed ten feet; signs shall be setback ten feet from side and rear lot lines.

Up to five flags are permitted per lot; each flag shall not exceed 20 square feet in area.

Temporary Signs and Flags located on the Outer Banks

Sign type shall be limited to sandwich board signs.

Each business unit may have one temporary on-premise sandwich board sign.

The sign shall not exceed eight square feet in area and four feet in height.

The sign shall be located on an existing sidewalk or deck and immediately adjacent to the entrance of the business installing the sign.

The sign shall comply with the outdoor display requirements of Section 4.3.3.P where applicable.

The sign may be located adjacent to NC 12 from October 1 to May 15 provided it is located on the same parcel as the business or on shopping center property (including common area).

The sign shall be removed if the business is closed on three or more consecutive days.

One flag allowed per business. Flag shall be anchored to the wall, deck support post, or railing (if a support post is not available) of the building and shall not exceed 15 square feet in area or 20 feet in height.

Roadside Market Signs

May be erected up to 30 days before the seasonal opening of the establishment, and shall be removed within 30 days of the seasonal closing.

Sign area shall not exceed 32 square feet.

Sign height shall not exceed ten feet.

~~TABLE 5.12.4: SIGNS EXEMPTED FROM SIGN PERMITS~~

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~~Sign Type~~	~~Example~~	~~Applicable Standards~~	~~Maximum Sign Area (sq. ft)~~	~~Maximum Height (feet)~~
~~Contractor Sign~~		~~Limited to one sign per lot. Must be removed prior to completion of construction or occupancy of the building or site. May not be installed prior to issuance of a building permit or commencement of work.~~	~~Mainland: 32 Outer Banks: 8~~	~~Mainlan 10 Outer Banks:~~
~~Cottage or House Name~~		~~Limited to one sign displaying the name of a cottage or house.~~	~~12~~	~~20~~
~~Development Entrance Sign~~		~~Limited to a maximum of two signs per entrance on the mainland and one sign per entrance on the Outer Banks.~~	~~Mainland: 60 Outer Banks: 48~~	~~Mainlan 15 Outer Banks:~~
~~Directional Sign, Institutional or Historic Property~~		~~Up to one off-premise directional sign (arrow type) may be placed at an intersection pointing toward the institutional or historic site. These signs may not be internally illuminated.~~	~~8~~	~~8~~
~~Flag, Commercial~~		~~Flags shall be anchored to the wall, deck support post, or railing (if a support post is not available).~~	~~Mainland: 5 per lot; 20 Outer Banks: 1 per business; 15~~	~~20~~
~~Flag, Subdivision~~		~~Up to four per major subdivision entrance. Up to one additional model home flag and one 30-square-foot banner is allowed at a model home location.~~	~~24~~	~~20~~

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TABLE 5.12.4: SIGNS EXEMPTED FROM SIGN PERMITS				
SIGN TYPE	EXAMPLE	APPLICABLE STANDARDS	MAXIMUM SIGN AREA (SQ. FT)	MAXIMUM HEIGHT (FEET)
Home Occupation		Limited to one sign per home occupation, and may only include business name, location, telephone number. Sign shall not be illuminated.	6	4
Incidental Sign		Limited to property numbers, post office box numbers, names of occupants of premises, or directions guiding traffic and parking on private property.	4	5
For Rent, Cottage		Limited to one on-premise "For Rent" sign.	2	20
Political Sign		May not be on site more than ten days following the election or conclusion of the campaign.	32	10
Real Estate, Subdivision		Must be located within the boundaries of the subdivision and be spaced at least 500 feet from another prospective development sign. No more than one sign shall be placed within a subdivision on the Outer Banks.	Mainland: 75 Outer Banks: 32	Mainlan 10 Outer Banks:
Real Estate, Commercial		Up to one on-premise, free-standing "For Sale" sign per lot.	32	8

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TABLE 5.12.4: SIGNS EXEMPTED FROM SIGN PERMITS				
SIGN TYPE	EXAMPLE	APPLICABLE STANDARDS	MAXIMUM SIGN AREA (SQ. FT)	MAXIMUM HEIGHT (FEET)
Real Estate, Residential lot		Up to one on-premise, free-standing "For Sale" sign per lot.	8	4
Roadside Market Sign		May be erected up to 30 days before the seasonal opening of the establishment, and shall be removed within 30 days of the seasonal closing.	32	10
Sandwich/Tent Sign	 (delete photo)	Allowed only in the Outer Banks. Each business unit may have one temporary double-sided on-premise sign, provided: 1. The sign shall be located on an existing sidewalk or deck, and immediately adjacent to the entrance of the business installing the sign and comply with the outdoor display requirements of Section 4.3.3.P where applicable; 2. The sign may be located adjacent to NC 12 from October 1 to May 15 provided it is located on the same parcel as the business or on shopping center property (including common area). 3. The sign shall be removed if the business is closed on 3 or more consecutive days.	8	4
Temporary Sign (On Premise)		Limited to a maximum of two per lot on the mainland; prohibited on the Outer Banks. Must be 10 feet from side or rear lot lines and outside sight triangles.	Up to 40 total	10
Window Signs		Shall not exceed 25 percent of the total window pane area that contains the sign, except that trademark and merchandise displayed for sale shall not be included in the total window sign area.		

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Item 4: That Chapter 5. Development Standards, Section 5.12.6 Specific Sign Standards is amended by adding the following underlined language, removing the strikethrough language, and renumbering accordingly:

5.12.6 Specific Sign Standards

The following signs are permitted with a valid sign permit (see Section 2.4.10):

A. **Freestanding Signs**

Freestanding signs ~~for~~ on properties with approved ~~non-residential~~ Agricultural, Commercial or Industrial uses shall comply with the standards in Table 5.12.6.A, Freestanding Signs:

TABLE 5.12.6.A: FREESTANDING SIGNS [1]

STANDARD	ON MAINLAND [2]	ON OUTER BANKS
Maximum Number	1 per frontage of 500 feet or less; Up to 2 for frontages over 500feet	1 per lot
Minimum Spacing	100 feet between signs serving same development or approved access points	
Maximum Area [3]	128 square feet for frontages of 160 ~~square~~ feet or less; 160 square feet for frontages over 160 feet	48 square feet
Minimum Setback (from ROW)	10 feet for signs taller than 10 feet	
Maximum Height	20 feet	8 feet

NOTES:
[1] Freestanding signs shall be landscaped in accordance with Section 5.12.7
[2] Includes Knotts Island and Gibbs Woods
[3] Per individual sign

B. **Institutional Signs**

(1) ~~Schools, religious institutions, and other public uses~~ Institutional signs located in Business and Mixed-Use Zoning districts shall comply with the standards of Table 5.12.6.A. Institutional signs located in Residential and Special Base Zoning districts shall be limited to ~~may include~~ one freestanding on-premise sign not exceeding 48 square feet in area or 8 feet above natural grade.

(2) Up to one off-premise directional sign (arrow type) with a maximum sign area of 8 square feet and a maximum height of 8 feet may be placed at an intersection within one mile of the property. These signs shall not be internally illuminated.

C. **Message Board Signs**

Message board signs shall comply with the following standards:

(1) Electronically-controlled signs are prohibited in the Outer Banks.

(2) No more than 50 percent of a sign's maximum area can be occupied by a message board, reader board, or electronically controlled message sign.

(3) Except for time and temperature signs, the message shall remain stationary for at least five seconds.

D. **Off-Premise Directional Signs**

(1) **Applicability**

The standards in this section shall apply to businesses existing prior to January 1, 2013 located in a Business and Mixed-Use Zoning District adjoining the Currituck Sound or Atlantic Intracoastal Waterway that contain a use listed in Section 4.1.2 Use Table, Commercial Use Classification.

(2) **Prohibited**

Except as provided in Section 5.12.3 Signs Exempt from Signage Regulations~~,~~ and 5.12.4 Signs Exempted from Sign Permit Requirements, off-premise directional signs are prohibited for the following:

Commercial uses and properties located on the Outer Banks.

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Commercial uses adjoining a major arterial street.

(3) **General**

(a) Off-premise directional signs must be located on property within two miles of the intersection of a major arterial street and the collector street accessing the commercial use.

Off-premise directional signs must be located on property under the same ownership as the business to be identified on the sign.
Off-premise directional signs must be located in a Business and Mixed-Use Zoning District adjoining a major arterial street.
A maximum of one off-premise directional sign is permitted per business. A lot shall have a maximum of one off-premise directional sign.
Off-premise directional signs shall not exceed 64 square feet in area and 15 feet in height.
Off-premise directional signs shall not be located within the sight triangle.
Off-premise directional signs shall not contain an electronic message board.

Pennant, ~~and~~ Streamer and Banner Signs

(1) ~~A sign permit (see Section 2.4.10) for the pennants, streamers, is required, at no cost, in order to establish the start/finish date of the display.~~

(2) Pennant, ~~and~~ Streamer and Banner signs are prohibited on the Outer Banks.

(3) Pennant, ~~and~~ Streamer and Banner signs shall not be attached to a street sign or telephone pole and shall not encroach into the street right-of-way.

(4) Pennant, ~~and~~ Streamer and Banner signs are only permitted for maximum of 30 days for each of the following events:

Grand openings;
Seasonal openings (for those businesses who are closed during one or more seasons); or
Going out of business.

A. Shopping Center Signs

Signs associated with a shopping center shall comply with the requirements in Table 5.12.6.F, Shopping Center Signs:

TABLE 5.12.6.F: SHOPPING CENTER SIGNS [1]

Standard	On Mainland [2]		Outer Banks
	Freestanding Signs	Freestanding Signs-Outparcels	Freestanding Signs
Maximum Number	1 per street frontage; up to 2 for frontages over 500 feet		
Minimum Spacing	100 feet between signs serving same development or approved access points		
Maximum Area [3]	3 to 10 establishments: 200 square feet; More than 10 establishments: 300 square feet	64 square feet	80 square feet; 24 square feet for secondary road frontages; 32 square feet for outparcels
Minimum Setback (from ROW)	10 feet for signs taller than ~~10~~ 12 feet		
Maximum Height	25 feet	10 feet	12 feet Outparcel: 6 feet

NOTES:
[1] Shopping center signs shall be landscaped in accordance with Section 5.12.7
[2] Includes Knotts Island and Gibbs Woods
[3] Per individual sign

Special Event Signs

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A special event sign is for identifying a special event ~~or other noncommercial event~~, on or off premise, and may be approved as part of a temporary use permit (see Section 2.4.11), subject to the following standards:

~~*(1)* The following shall be allowed on the mainland:~~

~~Up to 40 signs, each with a maximum area of 6 square feet and up to 10 signs, each with a maximum area of 32 square feet; or~~

~~Up to 60 signs, each with a maximum area of 6 square feet;~~

(~~2~~1) Up to three signs, each with a maximum area of 32 square feet and a maximum height of six feet shall be allowed ~~on the Outer Banks~~;

(~~3~~2) On the mainland, such signs may be erected up to 17 days before the event, and shall be removed within 8 days after the event;

(~~4~~3) On the Outer Banks, such signs may be erected up to ~~three~~ seven days before the event and shall be removed within two days after the event.

Wall Signs

Wall signs shall comply with the following standards:

(1) Wall signs shall be anchored directly to the wall, to the maximum extent practicable, and shall not be painted on a wall's surface.

(2) Wall signs shall not project or be offset more than 12 inches from the wall it is mounted to.

(3) Walls signs shall not extend above the roof line.

(4) Wall signs shall be placed on a wall that is oriented toward a public street, public vehicular access, or public drive aisle leading to public parking or an entrance. In no instance shall a wall sign directly face adjacent a single-family dwelling located within a residential zoning district.

(5) Maximum wall sign area shall be in accordance with Table 5.12.6.~~C~~ H, Wall Sign Area:

TABLE 5.12.6.~~C~~ H: WALL SIGN AREA

LOCATION	MAXIMUM SIGN AREA SIZE	
	SHOPPING CENTERS	ALL OTHER NONRESIDENTIAL USES
Mainland Currituck County, including Knotts Island and Gibbs Woods	20 percent of the wall area to which the sign is fastened, not to exceed 400 square feet	
Outer Banks	32 square feet per wall of a business or business unit; 54 square feet for businesses over 5,000 square feet in area.	

Development Entrance Signs

Development Entrance Signs shall comply with the requirements in Table 5.12.6.I, Development Entrance Signs

TABLE 5.12.6.I : DEVELOPMENT ENTRANCE SIGNS [1]

STANDARD	ON MAINLAND [2]	OUTER BANKS
Maximum Number	2 per entrance	1 per entrance
Maximum Area [3]	60 square feet	48 square feet
Minimum Setback (from ROW)	10 feet for signs taller than 10 feet	
Maximum Height	15 feet	6 feet

NOTES:
[1] Development entrance signs shall be landscaped in accordance with Section 5.12.7
[2] Includes Knotts Island and Gibbs Woods
[3] Per individual sign

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Item 5: That Chapter 5. Development Standards, Section 5.12.8 Maintenance Standards is amended by adding the following underlined language, removing the strikethrough language, and renumbering accordingly:

5.12.8. Maintenance Standards

Sign Permit Required

(1) Except as otherwise provided in this Ordinance, it shall be unlawful for any person to erect, construct, enlarge, move, illuminate, or replace any sign, without first having obtained a sign permit in accordance with Section 2.4.10.

(2) No use shall arbitrarily attach a sign to the structure of a lawfully permitted sign without prior approval of a sign permit in accordance with Section 2.4.10.

B. Indemnification

All persons involved in the maintenance, installation, alteration, or relocation of any sign shall agree to hold harmless and indemnify Currituck County, its officers, agents, and employees against any and all claims of negligence resulting from such work.

C. Properly Secured

(1) All signs shall be adequately secured to meet all applicable building code standards and shall be maintained in good structural condition.

(2) All signs shall be adequately secured and stabilized to minimize the danger that either the sign or the supporting structure may be moved by the wind or other forces of nature and cause injury to persons or property.

(3) Flags shall be attached to a singular pole or building and shall have no other means of support (i.e., be free-flying).

D. Illumination

(1) Illuminated signs shall be designed, installed, and maintained in a manner that avoids glare or reflection on adjoining properties and does not interfere with traffic safety.

(2) A sign shall not be erected that contains, employs, or utilizes lights or lighting which rotates, flashes, moves, or alternates.

(3) Sign lighting shall not exceed 15 foot-candles at any location on the property and shall not exceed 1.5 foot-candles measured at ground level.

Sign lighting shall be full cut-off.

E. Durable Materials

(1) All signs shall present a professional appearance by being designed and constructed using material, lettering, and graphic standards commonly used in the sign industry. Hand crafted and lettered signs are not prohibited in their entirety, but are subject to removal if, in the opinion of the Planning Director, the sign does not meet the spirit of this Ordinance.

(2) Except for awnings, signs constructed with fabric, cardboard, or paper are prohibited.

(3) Peeling or flaking paint, broken panels, missing letters, defective illumination, torn fabric, and other damage to a sign or sign structure shall be replaced or repaired. All signs and all components thereof, including without limitation supports, braces, and anchors, shall be kept in a state of good repair.

(4) Flags that are shredded, torn, tattered, or frayed must be replaced or removed upon written notification from the Planning Director.

F. Clearing of Vegetation

No person shall, for the purpose of increasing or enhancing the visibility of any sign, damage, trim, destroy, or remove any trees, shrubs, or other vegetation located:

(1) Within the right-of-way of any public street or road, unless the work is done pursuant to the express written authorization of the NCDOT;

(2) On land that is not under the ownership or control of the person doing or responsible for such work, unless the work is done pursuant to the express authorization of the person owning the property where such trees or shrubs are located; or

(3) In any area where trees or shrubs are required to be preserved, subject to the standards in this Ordinance or a prior development approval.

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(4) The area within ten feet in all directions of any part of a sign shall be kept clear of all debris.

G. Discontinuance

(1) A sign ~~that includes a reference to a~~ located on ~~the~~ property of a closed establishment shall remove the sign copy ~~reference to the closed establishment~~ within 30 days of the date of business closure. The sign shall be altered in such a way as to not detract from the overall appearance of the sign. Exposed lighting, such as occurs with the removal of a transparent panel, is not acceptable under any circumstance.

(2) If the message portion of a conforming sign is removed, leaving only the supporting "shell" of a sign or the supporting braces, anchors, or similar components, the owner of the sign or the owner of the property where the sign is located or other person having control over such sign shall, within 30 days of the removal of the message portion of the sign, either replace the entire message portion of the sign or remove the remaining components of the sign.

(3) Signs unlawfully placed in any street right-of-way or on any public land, including signs affixed to street and traffic signs or public utility poles, may be removed by the Planning Director without notice in accordance with Section9.~~.~~6.1.H, Removal of Signs from Street Right-of-Way.

Item 6: That Chapter 10. Definitions and Measurement, Section 10.5 Definitions is amended by adding the following underlined language and removing the strikethrough language:

10.5 DEFINITIONS

Sign, Awning
Any message printed on an awning.

Sign, Banner
A sign constructed of plastic or fabric of any kind that is attached to supports, a framework or a flat surface.

~~SIGN, COMMUNITY EVENT~~
~~A temporary sign announcing a specific occurrence taking place within the overlay district.~~

SIGN, ~~COMMUNITY IDENTIFICATION~~ DEVELOPMENT ENTRANCE
A freestanding sign located at the entrance of a designated residential ~~area identifying the name of the~~ community.

~~SIGN, CONTRACTOR~~
~~A temporary sign erected on the premises on which construction is taking place, during the period of such construction, indicating the names of the architects, engineers, landscape architects, contractors, or similar artisans, and the owners, financial supporters, sponsors, and similar individuals or firms having a role or interest with respect to the structure or project.~~

~~SIGN, COTTAGE~~
~~A sign placed on a dwelling displaying the name of the house or cottage.~~

~~SIGN, DIRECTIONAL~~
~~An on-premise sign that includes information assisting in the flow of pedestrian or vehicular traffic.~~

SIGN, FLAG OR FEATHERFLAG
Any fabric or other flexible material attached to or designed to be flown from a flagpole or similar device ~~for the purpose of advertisement~~.

SIGN, FREESTANDING
A permanent sign that is attached to, erected on, or supported by some structure, such as pilings, that is not itself an integral part of a building or other structure.

~~SIGN, GOVERNMENTAL~~
~~A sign erected and maintained pursuant to and in discharge of any governmental functions or required by law, ordinance, or other governmental regulation.~~

SIGN, INFLATABLE
Any display capable of being expanded by air or other gas and used on a permanent or temporary basis ~~to advertise a product or event~~.

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SIGN, INSTITUTIONAL
A free-standing sign located on property that contains a use classified as an Institutional Use in Table 4.1.1.

~~SIGN, LANDSCAPING~~
~~A sign placed on the lawn of a residential or commercial property advertising the company that landscapes and maintains the property.~~

SIGN, MOBILE MARQUEE
Any sign mounted on wheels or built with axles to which wheels may be attached. A sign attached to a motor vehicle shall not be considered a mobile sign.

SIGN, NONCONFORMING
Any sign that does not meet one or more of the requirements of this Ordinance as of the effective date of this Ordinance.

SIGN, OFF PREMISE
A sign or structure, pictorial or otherwise, regardless of size or shape that draws attention to or communicates information about a business, profession, service, commodity, product, accommodation, event, attraction or other enterprise or activity that exists or is conducted, manufactured, sold, offered, maintained or provided at a location other than on the premises where the sign is located. Several types of off-premises signs may exist or otherwise be subject to the requirements of this article. Billboards are examples of off-premises signs. This definition does not include governmental, traffic, directional, or regulatory signs or notices of the Federal, State, County government or their public agencies.

SIGN, OFF PREMISE DIRECTIONAL
An off-premise sign that displays the name of a business, institution, or other location or activity and the direction in which it is located.

SIGN, ON PREMISE
A sign or structure, pictorial or otherwise, regardless of size or shape that draws attention to or communicates information about a business, profession, service, commodity, product, accommodation, event, attraction or other enterprise or activity that exists or is conducted, manufactured, sold, offered, maintained or provided on the premises or at the same location (site or tract) as that where the sign is located. Several types of on-premises signs may exist or otherwise be subject to the requirements of this article regarding such signs. Ground signs and directional signs are examples of on-premises signs.

~~SIGN, OPEN HOUSE~~
~~A sign placed along the highway pointing toward a model home or a home that is for sale or placed in front of the home for sale and open for public viewing.~~

SIGN, PENNANT OR STREAMER
Any lightweight plastic, fabric or other material, suspended from a rope, wire, or string, or supported by a pole usually in series designed to move in the wind.

~~SIGN, POLICITCAL~~
~~A temporary sign announcing or supporting political candidates or issues in connection with any national, state, or local election.~~

~~SIGN, PORTABLE~~
~~A sign that is not permanent, affixed to a building, structure, or the ground (e.g., sandwich/tent signs).~~

~~SIGN, REAL ESTATE~~
~~A sign placed on a property for sale, identifying the real estate company or agent and a phone number.~~

~~SIGN, RENTAL~~
~~A sign placed on a residentially zoned building that is in a rental program offered by a rental company or private owner.~~

SIGN, ROADSIDE MARKET
A temporary sign located on property of approved roadside markets.

SIGN, ROOF
A sign that is mounted on the roof of a building or that is wholly dependent upon a building for support and that projects above the top walk or edge of a building with a flat roof, the eave line of a building with a gambrel, gable, or hip roof, or the deck line of a building with a mansard roof.

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SIGN, SANDWICH BOARD ~~/ TENT~~

A temporary sign ~~regulated by season~~ consisting of two sign faces placed together at an angle of ninety (90) degrees or less to form an "A" shape which tapers from a wide base to a narrow top.

SIGN, SUSPENDED

A sign hanging down from a marquee, awning, or porch that would exist without the sign.

~~SIGN, SECURITY~~

~~A sign placed on the lawn of a residential or commercial property advertising the company that provides security services for the property.~~

SIGN, TEMPORARY

A sign not permanently mounted to a building or into the ground. To be deemed permanently mounted, a sign must be (a) attached or secured by bolting, welding, molding, nailing, concrete or similar mechanisms; and (b) made of materials enabling the sign to maintain its structural integrity and the clarity of its graphics through the passage of time and weather. ~~or advertising display designed or intended to be displayed for a short period of time.~~

SIGN, WALL

A sign fastened to a building or structure in such a manner that the wall becomes the supporting structure for, or forms the background surface of, the sign. Railing, suspended and awning signs are also included in this definition.

SIGN, WINDOW

Any sign attached to the window glass of a commercial building.

Item 7: Statement of Consistency and Reasonableness

The requested text amendment is consistent with the 2006 Land Use Plan because:

- It includes standards to enhance community appearance and create a quality business image by regulating sign quantity, area, height, lighting and maintenance. (LUP POLICY CA4)
- It recognizes and protects the community image benefits of the Major Highway Corridors thorough continuing to incorporate sign number, area and height restrictions. (LUP POLICY CA1)
- It continues to prevent the placement of additional Billboards. (LUP POLICY CA5)

The request is reasonable and in the public interest because:

- It implements changes to unconstitutional ordinance provisions to comply with the Supreme Court's ruling in *Reed v. Town of Gilbert, Arizona*.
- The proposed changes extend the protection of The First Amendment of the United States Constitution.

Item 8: The provisions of this Ordinance are severable and if any of its provisions or any sentence, clause, or paragraph or the application thereof to any person or circumstance shall be held unconstitutional or violative of the Laws of the State of North Carolina by any court of competent jurisdiction, the decision of such court shall not affect or impair any of the remaining provisions which can be given effect without the invalid provision or application.

Item 9: This ordinance amendment shall be in effect from and after the _____ day of _____-_____, 2017.

Planning and Community Development Director, Ben Woody, used a powerpoint to review the content of the text amendment with the Board.

After review, Mr. Woody responded to Board questions and noted differences between Corolla and mainland signage and clarified regulations for specific signs. Commissioner Hall questioned signage restrictions placed on residential properties not in a subdivision or residential neighborhood, and the Board began discussion on size allowances and length of time signs can be erected. Mr. Woody said the ordinance was written as an attempt to accommodate the larger, non-commercial signs without regulating the message that can be on them. Mr. Woody said the Board can assume that everyone can have one non-commercial sign.

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Chairman Hanig opened and closed the public hearing, as no one was signed up nor wished to speak.

Commissioner Beaumont moved to approve PB 17-02, the Currituck County sign ordinance text amendment in that the requested text amendment is consistent with the 2006 Land Use Plan because:

- It includes standards to enhance community appearance and create a unique business image by regulating sign quantity, area, height, lighting and maintenance. (LUP POLICY CA4)
- It recognizes and protects the community image benefits of the Major Highway Corridors thorough continuing to incorporate sign number, area and height restrictions. (LUP POLICY CA1)
- It continues to prevent the placement of additional Billboards. (LUP POLICY CA5)

Furthermore, the request is reasonable and in the public interest because:

- It implements changes to unconstitutional ordinances provisions to comply with the Supreme Court's ruling in *Reed v. Town of Gilbert, Arizona*.
- The proposed changes extend the protection of The First Amendment of the United States.

Commissioner Gilbert seconded the motion and the motion passed unanimously.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Paul M. Beaumont, Commissioner
SECONDER:	Marion Gilbert, Commissioner
AYES:	Bobby Hanig, Chairman, Mike H. Payment, Vice Chairman, Paul M. Beaumont, Commissioner, Mary "Kitty" Etheridge, Commissioner, Marion Gilbert, Commissioner, Mike D. Hall, Commissioner, Bob White, Commissioner

OLD BUSINESS

A. Consideration of An Ordinance Amending Chapter 10, Division 2 of the Currituck County Code of Ordinances by Adding Section 10-65 to Prohibit Operation of Motor Vehicles on the Beach Strand and Foreshore with Air Pressure in Tires Exceeding Certain Pounds per Square Inch Depending on the Weight of a Motor Vehicle

County Attorney, Ike McRee, described the ordinance revisions the Board had requested at the meeting of April 17, 2017, when the ordinance was originally presented. Mr. McRee reviewed the ranges of air pressure relative to vehicle weight and size now included in the ordinance. He said the community and Sheriff's Department support proper air-down, and there was discussion about providing locations for people to air up when coming off of the beach.

Commissioner White moved to approve the ordinance and his motion was seconded by Commissioner Beaumont. The motion passed unanimously.

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AN ORDINANCE OF THE CURRITUCK COUNTY BOARD OF COMMISSIONERS AMENDING CHAPTER 10, DIVISION 2 OF THE CURRITUCK COUNTY CODE OF ORDINANCES BY ADDING SECTION 10-65 TO PROHIBIT OPERATION OF MOTOR VEHICLES ON THE BEACH STRAND AND FORESHORE WITH AIR PRESSURE IN TIRES EXCEEDING CERTAIN POUNDS PER SQUARE INCH DEPENDING ON THE WEIGHT OF A MOTOR VEHICLE

WHEREAS, pursuant to N.C. Gen. Stat. §153A-121 a county may by ordinance define, regulate, prohibit, or abate acts, omissions, or conditions detrimental to the health, safety, or welfare of its citizens and the peace and dignity of the county; and

WHEREAS, driving on sand with improperly inflated tires can lead to greater chance of sinking into the sand and rutting of the beach strand and foreshore; and

WHEREAS, pursuant to Section 1 of Chapter 875 of the 1985 Session Laws the county may by ordinance regulate, restrict, and prohibit the use of dune or beach buggies, jeeps, motorcycles, cars, trucks, or any other form of power-driven vehicle specified by the county's governing board on the foreshore, beach strand and barrier dune system.

NOW, THEREFORE, BE IT ORDAINED by the Board of Commissioners for the County of Currituck, North Carolina as follows:

PART I. Chapter 10, Division 2 of The Code of Ordinances, Currituck County, North Carolina is amended by adding Section 10-65 to read as follows:

Sec. 10-65. Motor vehicle tire pressure.

No person shall drive or operate a motor vehicle on the beach strand or foreshore with tires containing air pressure exceeding the following pounds per square inch (p.s.i.):

(a) 20 p.s.i. for motor vehicle weighing less than three-quarters of a ton; or

(b) 30 p.s.i. for motor vehicles weighing between three-quarters of a ton and one ton.

Motor vehicles weighing more than one ton shall maintain tire p.s.i. not greater than that required for safe travel.

PART II. All ordinances or parts of ordinances in conflict with this ordinance are hereby repealed.

PART III. This ordinance is effective upon adoption.

ADOPTED this 15th day of May, 2017.

_____

Bobby Hanig, Chair
Board of Commissioners

ATTEST:

_____

Leeann Walton, Clerk to the Board

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Bob White, Commissioner
SECONDER:	Paul M. Beaumont, Commissioner
AYES:	Bobby Hanig, Chairman, Mike H. Payment, Vice Chairman, Paul M. Beaumont, Commissioner, Mary "Kitty" Etheridge, Commissioner, Marion Gilbert, Commissioner, Mike D. Hall, Commissioner, Bob White, Commissioner

B. Consideration of An Ordinance Amending Chapter 10, Article II, Division 7 of the Currituck County Code of Ordinances by Striking Section 10-128 and Adding Sections 10-125 through 10-129 to Provide for Dune and Beach Preservation

Mr. McRee reviewed the ordinance with the Board, originally presented at the meeting of April 17, 2017, and noted the slight modification to the ordinance exempting those

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who must travel over dunes to access permitted driveways or dune ramps. Mr. McRee said installation of public ramp access signage could be done outside of the ordinance. Commissioner White clarified regulations pertaining to dune walkovers.

Commissioner White moved to approve and his motion was seconded by Commissioner Hall. The motion carried unanimously.

AN ORDINANCE OF THE CURRITUCK COUNTY BOARD OF COMMISSIONERS AMENDING CHAPTER 10, ARTICLE II, DIVISION 7 OF THE CODE OF ORDINANCES BY STRIKING SECTION 10-128 AND ADDING SECTIONS 10-125 THROUGH 10-129 TO PROVIDE FOR DUNE AND BEACH PRESERVATION

WHEREAS, pursuant to N.C. Gen. Stat. §153A-121 a county may by ordinance define, regulate, prohibit, or abate acts, omissions, or conditions detrimental to the health, safety, or welfare of its citizens and the peace and dignity of the county; and

WHEREAS, pursuant to N.C. Gen. Stat. §153A-169 a county may by ordinance regulate the use of county property, and pursuant to N.C. Gen. Stat. §153A-438 a county may by ordinance appropriate revenues not otherwise limited as to use by law to finance the acquisition, construction, reconstruction, extension, maintenance, improvement, or enlargement of sand dunes.

NOW, THEREFORE, BE IT ORDAINED by the Board of Commissioners for the County of Currituck, North Carolina as follows:

PART I. Chapter 10, Article II, Division 7 of The Code of Ordinances, Currituck County, North Carolina is amended by striking Section 10-128 and adding Sections 10-125 through 10-129 to read as follows:

~~**Sec. 10-128. Unattended property on the beach.**~~

~~(a) It shall be unlawful for any person to leave unattended between the hours of sunset and sunrise any property, including but not limited to volleyball, badminton and tennis nets, poles, tents, horseshoe stakes, croquet courses, grills, umbrellas and recreational equipment, cabanas, canopies, or any other personal property items on the beach strand as defined section 10-51 of this Code of Ordinances. All property unattended and remaining on the beach strand between sunset and sunrise shall be considered litter and may be subject to removal and disposal.~~

~~(b) This section does not apply to life guard stands and accessory uses regulated by the Currituck County Unified Development Ordinance.~~

Sec. 10-125. Conflicts with state rules.

If any provision of this division is in conflict with a rule adopted by the State Coastal Resources Commission dealing with oceanfront erosion control or regulation of development as contained in 15A NCAC 07H.300, then the rule or regulation shall control and apply in lieu of the provision of this division in conflict therewith.

Sec. 10-126. Definitions.

The following words, terms, and phrases, when used in this division, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning.

Adverse impact means anything that would destroy, harm, impair, diminish or degrade the value or integrity of a sand dune for storm protection or wildlife habitat.

Barrier dune means the easternmost sand dune or system of sand dunes which lies just west of the mean high water mark of the Atlantic Ocean and forms a protective barrier from the actions of the Atlantic Ocean.

Beach means the lands consisting of unconsolidated soil materials that extend for a distance of 100 yards east of the mean low water mark into the Atlantic Ocean landward to a point where either the growth of stable natural vegetation occurs or a distinct change in slope or elevation alters the configuration, whichever is farther landward.

CAMA means the Coastal Area Management Act, an act requiring land use planning in coastal North Carolina counties.

Dune system, frontal dune means the first mound of sand located landward of the beach having sufficient vegetation, height, continuity, and configuration to offer protective value.

Dune system, primary dune means the first mounds of sand located landward of the beach having an

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elevation equal to the mean flood level for the area plus six feet. The primary dune extends landward to the lowest elevation in the depression behind the same mound of sand.

Dune walkover access, improved means a raised walkway constructed for the purpose of providing access to the beach from points landward of the dune system.

Dune walkover access, unimproved means a sand walkway or path used for the purposes of providing pedestrian access to the beach which is no more than 6 feet in width and located in an area where there is no escarpment present between the dune structure and the beach.

Escarpment means the vertical drop or steep slope in the beach profile separating two comparatively level or more gentle sloping surfaces caused from high tide or storm tide erosion. Escarpments for the purposes of this division shall only be determined to exist in areas where the height and slope of the escarpment would preclude reasonable pedestrian access to the beach without causing an adverse impact to the dune structure.

Invasive exotic species means a non-native or invasive vegetation which, if left undisturbed by manmade forces, will create a landscape comprised of a singular plant species.

Toe of slope means that point between the beach and the dune system where the uniform line of slope from the ocean toward the barrier dune begins an abrupt change upward and becomes the slope of the barrier dune.

Vehicle means every device in, upon, or by which any person or property is or may be transported or drawn upon a highway, excepting devices moved by human power or used exclusively upon fixed rails or tracks, provided that for the purposes of this division, bicycles shall be deemed vehicles, and every provision of this division applicable to the driver of a vehicle shall also be applicable to persons on bicycles.

Sec. 10-127. Territorial applicability.

This division shall apply to the primary and frontal dune systems as defined in section 10-126 and to the ocean beaches located on the Currituck Outer Banks.

Sec. 10-128. Beach and dune protection.

(a) The following activities shall be considered unlawful within the dune system:

(1) Walking or traversing on the dunes outside of an improved or unimproved dune walkover access as defined in section 10-126;

(2) Allowing pets to walk or traverse on the dunes outside of an improved or unimproved dune walkover access as defined in section 10-126;

(3) Utilizing an improved dune walkover structure that has been damaged and officially posted by the county building inspector as an unsafe structure;

(4) Removing, damaging, or destroying healthy, non-invasive dune plant species including, but not limited to, Sea Oats (*Uniola paniculata*), Bitter Panicum (*Panicum amarum*), Seashore Elder (*Iva imbricata*), Saltmeadow Cordgrass (*Spartina patens*), and American Beachgrass (*Ammophila breviligulata*);

(5) Installation of vegetation inconsistent with sand dune systems, such as lawn grasses or sod, or herbaceous varieties that are not commonly known as "salt-tolerant" dune varieties or that may be determined to be invasive exotic species;

(6) Operating any vehicle, moped, motorcycle, or motor vehicle or using any horse on or across any frontal or primary dune, or in such a manner as would destroy natural vegetation;

(7) Degrading, disturbing, or compromising the integrity of the dune structure. These prohibited activities include, but shall not be limited to:

(A) Digging, shelling, mining, or mechanical alteration of the dune topography;

(B) Playing, sliding, climbing, or rappelling on the frontal or primary dune or the dune escarpment; and

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(C) Discharging water into the dune where it will cause significant scouring or erosion or otherwise affect the integrity of the dune;

(8) Development activities without a valid building permit, zoning permit, Albemarle Regional Health Services approval or approval from a health department with jurisdiction in the county, or CAMA authorization;

(9) Storing objects or construction materials; and

(10) Littering.

(b) Beach Vitex (*Vitex rotundifolia*) is hereby found and declared to be a public nuisance due to the significant negative impacts it has upon the beaches and dune system, nesting sea turtles, and native vegetation such as Sea Oats, Bitter Panicum, Seashore Elder, Saltmeadow Cordgrass, and American Beachgrass. It shall be unlawful for any person to plant or cause to be planted Beach Vitex on the Currituck Outer Banks.

(c) Exemptions: Currituck County hereby encourages responsible dune management activities including proper construction and maintenance of improved dune walkover structures, the use of shared and/or community beach accesses, the proper installation and maintenance of sand fencing, and planting of native, salt-tolerant dune vegetation. Therefore, this section shall not apply to the following activities:

(1) Development activities authorized by Currituck County, Albemarle Regional Health Services or a health department with jurisdiction in the county, or CAMA;

(2) Dune or property maintenance activities including planting or fertilization of native, salt-tolerant dune vegetation, sand fence installation, minor dune repairs, and removal of litter or debris;

(3) Activities within the developed portion of the dune system and driving on permitted driveways and ramps over the dune system;

(4) Federal, state, and local officials engaged in official regulatory activities; and

(5) Persons engaged in research, conservation, preservation, or extension activities as authorized by the county manager.

Sec. 10-129. Unattended property on beach.

(a) It shall be unlawful for any person to leave unattended between the hours of sunset and sunrise any property, including but not limited to volleyball, badminton and tennis nets, poles, tents, horseshoe stakes, croquet courses, grills, umbrellas and recreational equipment, cabanas, canopies, or any other personal property items on the beach. All property unattended and remaining on the beach strand between sunset and sunrise shall be considered litter and may be subject to removal and disposal.

(b) This section does not apply to life guard stands and accessory uses regulated by the Currituck County Unified Development Ordinance.

PART II. All ordinances or parts of ordinances in conflict with this ordinance are hereby repealed.

PART III. Severability. It is declared by the Board of Commissioners that the sections, paragraphs, sentences, clauses and phrases of this ordinance are severable. If any phrase, clause, sentence, paragraph, or section of this ordinance should be declared invalid by a final decree or judgment of a court of competent jurisdiction, such invalidity shall not affect any of the remaining phrases, clauses, sentences, paragraphs or sections of this ordinance.

PART IV. This ordinance is effective upon adoption.

ADOPTED this 15th day of May, 2017.

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Bobby Hanig, Chair
Board of Commissioners

ATTEST:

Leeann Walton, Clerk to the Board

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Bob White, Commissioner
SECONDER:	Mike D. Hall, Commissioner
AYES:	Bobby Hanig, Chairman, Mike H. Payment, Vice Chairman, Paul M. Beaumont, Commissioner, Mary "Kitty" Etheridge, Commissioner, Marion Gilbert, Commissioner, Mike D. Hall, Commissioner, Bob White, Commissioner

NEW BUSINESS

A. Presentation of the Annual Budget for FY 2017-2018 and Set a Date for Public Hearing and Possible Action

Using a powerpoint, the County Manager presented the annual budget for Fiscal Year 2017-2018 to the Board of Commissioners. Mr. Scanlon reviewed the general fund which consists of funds for daily operations. He noted a reduced budget over the prior year and a revised funding formula for education resulting in an increase for per student funding. He presented property tax valuation and tax rate information with no change in tax rates for the county. Utilities and district tax rate adjustments were presented and debt management was reviewed.

Mr. Scanlon said the budget totals approximately $72 million dollars and includes capital outlay funding of construction projects including a school bus garage, public safety center, Moyock Community Park and a wireless broadband initiative.

Mr. Scanlon said a June 5, 2017 Public Hearing is intended for adoption of the budget to occur no later than July 1, 2017, as required by general statute.

Commissioner Payment moved to set a public hearing date of June 5, 2017. Commissioner Gilbert seconded. Commissioner Etheridge said she would like to schedule a budget work session prior to the public hearing. The motion carried unanimously.

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RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Mike H. Payment, Vice Chairman
SECONDER:	Marion Gilbert, Commissioner
AYES:	Bobby Hanig, Chairman, Mike H. Payment, Vice Chairman, Paul M. Beaumont, Commissioner, Mary "Kitty" Etheridge, Commissioner, Marion Gilbert, Commissioner, Mike D. Hall, Commissioner, Bob White, Commissioner

B. Consideration and Action on An Ordinance of the Currituck County Board of Commissioners Amending Section 10-63 of Chapter 10 of the Currituck County Code of Ordinances to Allow Certain Activities Involving Motor Vehicles on the Beach Strand and Making a Technical Correction

County Attorney, Ike McRee, reviewed the ordinance amendment with the Board of Commissioners. He explained the amendment modifies the beach driving ordinance to expand on the authority of those who drive on the beach from May through September, in particular. Mr. McRee provided background through the most recent ordinance amendment in 2014, when Planned Unit Developments (PUD) desired to provide enhanced levels of service to visitors and property owners by providing recreational beach equipment and solid waste collections utilizing motor vehicles. Commercial businesses were also interested in providing similar beach equipment services.

Mr. McRee explained the Board's authority to regulate motor vehicles on the beach. He reviewed the current ordinance and noted members of the public and Sheriff's office have reported instances where some entities are traversing the dunes and riding north and south to provide services during the day, which was never allowed under the ordinance.

Mr. McRee reviewed the additional requirements under the amendment such as permitting for service vehicles and prohibiting the "prospecting" of customers and locations by stringing umbrellas and chairs and other equipment before the items have been rented.

He reviewed the PUD provision, and specifically noted the beach area owned by the Currituck Club, who could now leave permitted vehicles on the beach all day long to continue to provide services. He reiterated that the county has never permitted travel over the dune nor travel north and south up and down the beach. The technical correction was reviewed which removed an allowance for a surf competition.

Mr. McRee reviewed a contract the Currituck County entered into with the Currituck Club to provide for handicap transportation service at the southern public beach access.

During discussion, Mr. McRee clarified aspects of the ordinance and both Mr. Scanlon and Mr. McRee discussed specifics relative to PUD services, commercial providers and the permit system. Mr. Scanlon explained any exchange of money or commercial transactions on the beach are prohibited in the UDO. Methods of enforcement were discussed.

Commissioner White moved to approve the amendment. The motion was seconded by

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Commissioner Hall and carried unanimously.

AN ORDINANCE OF THE CURRITUCK COUNTY BOARD OF COMMISSIONERS AMENDING SECTION 10-63 OF CHAPTER 10 OF THE CURRITUCK COUNTY CODE OF ORDINANCES TO ALLOW CERTAIN ACTIVITIES INVOLVING MOTOR VEHICLES ON THE BEACH STRAND AND MAKING A TECHNICAL CORRECTION

WHEREAS, pursuant to N.C. Gen. Stat. §153A-121 a county may by ordinance define, regulate, prohibit, or abate acts, omissions, or conditions detrimental to the health, safety, or welfare of its citizens and the peace and dignity of the county;

WHEREAS, pursuant to Section 1 of Chapter 875 of the 1985 Session Laws the county may by ordinance regulate, restrict, and prohibit the use of dune or beach buggies, jeeps, motorcycles, cars, trucks, or any other form of power-driven vehicle specified by the county's governing board on the foreshore, beach strand and barrier dune system.

NOW, THEREFORE, BE IT ORDAINED by the Board of Commissioners for the County of Currituck, North Carolina as follows:

PART I. The Code of Ordinances, Currituck County, North Carolina is amended by rewriting Section 10-63 of the Code of Ordinances to read as follows:

Sec. 10-63. Restricted areas.

(a) Where there is an improved all-weather road, dedicated to public use, and running generally north and south and parallel to the beach strand, all vehicles, mopeds, motorcycles or motor vehicles on the foreshore and beach strand are prohibited between May 1 and September 30. This section shall apply specifically to, but is not limited to, the foreshore and beach strand extending from the Dare County line to the north side of the North Beach Access Ramp at North Beach Access Road.

(b) All commercial activities involving motor vehicles, mopeds and horses shall be prohibited from operating on the beach foreshore and the beach strand. This includes vehicles used to tow hang gliders.

(c) The provisions of subsections (a) and (b) of this section do not apply to the following:

(1) delivery, placement and pickup of recreational equipment, umbrellas and chairs and collection of solid waste between the hours of 6:00 a.m. and 7:30 a.m. and 5:30 p.m. and 7:00 p.m. by (i) commercial entities that are delivering, placing and picking up recreational equipment, umbrellas and chairs for customers renting such equipment prior to its delivery, placement and pickup and that maintain~~ing~~ a base of operation within the county provided that each motor vehicle is permitted in the manner provided for by Section 10-64 of this Code and (ii) management of planned unit development communities adjacent to the Atlantic Ocean or with ownership of the beach foreshore and beach strand, provided that each motor vehicle is permitted in the manner provided for by Section 10-64 of this Code ;

(2) activity under a Coastal Area Management Act (CAMA) permit requiring access to the beach and authorized by the county local permitting officer;

(3) county employees, county contractors, county vehicles or emergency vehicles or the drivers thereof, which may be required to enter upon the beach in the performance of their duties or a governmental agency, its employees, agents, contractors and subcontractors and their vehicles when engaged in beach restoration or protection work or conducting scientific research or animalpreservation studies or operations; ~~and~~

(4) ~~use of motor vehicles in support of a surfing competition consisting of competitors under 18 years of age and located north of the beach access ramp at the eastern end of Corolla Village Road (SR 1152)~~ the use of a motor vehicle between the hours of 7:30 a.m. and 5:30 p.m. by management of a planned unit development community within that that area of the beach strand between the southern right-of-way line of Shad Street northward to the northern right-of-way line of Corolla Village Road (SR 1152) provided that a motor vehicle used pursuant to this subsection may travel across the Shad Street and Corolla Village Road rights-of-way onto the beach strand only between the hours of 6:00 a.m. and 7:30 a.m. and 5:30 p.m. and 7:00 p.m. and the motor vehicle is permitted in the manner required by Section 10-64 of this Code;

(5) the use of a motor vehicle between the hours of 7:30 a.m. and 5:30 p.m. by management of a planned unit development community within that area of the beach strand between the northern boundary line of Pine Island Planned Unit Development northward for a distance of one hundred thirty feet provided that a motor vehicle used as provided by this subsection may travel across the dune line onto the beach strand only between the hours of 6:00 a.m. and 7:30 a.m. and 5:30 p.m. and 7:00 p.m. and the motor vehicle is permitted in the manner required by Section 10-64 of this Code;

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(6) the use of a motor vehicle between the hours of 7:30 a.m. and 5:30 p.m. by management of a planned unit development community within that area of the beach strand between the southern boundary line of Pine Island Planned Unit Development as shown on that plat recorded in Plat Cabinet G, Page 111 of the Currituck County Registry and the northern boundary line of Pine Island Planned Unit Development as shown on that plat recorded in Plat Cabinet E, Page 96 of the Currituck County Registry provided that a motor vehicle used as provided by this subsection may travel across the dune line onto the beach strand only between the hours of 6:00 a.m. and 7:30 a.m. and 5:30 p.m. and 7:00 p.m. and the motor vehicle is permitted in the manner required by Section 10-64 of this Code;

(7) the use of a motor vehicle between the hours of 7:30 a.m. and 5:30 p.m. by management of a planned unit development community within that area of the beach strand between the southern boundary line of Villages at Ocean Hill Planned Unit Development as shown on that plat recorded in Plat Cabinet D, Page 357 of the Currituck County Registry and the northern boundary line of Villages at Ocean Hill Planned Unit Development as shown on that plat recorded in Plat Cabinet F, Page 1 of the Currituck County Registry provided that a motor vehicle used as provided by this subsection may travel across the dune line onto the beach strand only between the hours of 6:00 a.m. and 7:30 a.m. and 5:30 p.m. and 7:00 p.m. and the motor vehicle is permitted in the manner required by Section 10-64 of this Code; and

(8) the use of a motor vehicle between the hours of 7:30 a.m. and 5:30 p.m. by management of a planned unit development community within that area of the beach strand between the southern boundary line of Buck Island Planned Unit Development as shown on that plat recorded in Plat Cabinet G, Page 111 of the Currituck County Registry and the northern boundary line of Buck Island Planned Unit Development as shown on that plat recorded in Plat Cabinet D, Page 245 of the Currituck County Registry provided that a motor vehicle used as provided by this subsection may travel across the dune line onto the beach strand only between the hours of 6:00 a.m. and 7:30 a.m. and 5:30 p.m. and 7:00 p.m. and the motor vehicle is permitted in the manner required by Section 10-64 of this Code.

(d) Overnight camping of any type is prohibited on the Currituck County Outer Banks, the beach foreshore and the beach strand.

PART II. All ordinances or parts of ordinances in conflict with this ordinance are hereby repealed.

PART III. This ordinance is effective upon adoption.

ADOPTED this _____ day of _____, 2017.

_____

Bobby Hanig, Chair
Board of Commissioners

ATTEST:

_____

Leeann Walton, Clerk to the Board of Commissioners

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RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Bob White, Commissioner
SECONDER:	Mike D. Hall, Commissioner
AYES:	Bobby Hanig, Chairman, Mike H. Payment, Vice Chairman, Paul M. Beaumont, Commissioner, Mary "Kitty" Etheridge, Commissioner, Marion Gilbert, Commissioner, Mike D. Hall, Commissioner, Bob White, Commissioner

C) Board Appointments

1. Board of Adjustment

The following names were submitted as nominees for the Board of Adjustment:

- Chairman Hanig nominated Matt Battey
- Commissioner Beaumont nominated Greg Hammer
- Commissioner Gilbert nominated Joe Kovacs

Commissioner Gilbert moved to approve and the motion was seconded by Commissioner Payment. All nominees were unanimously approved.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Marion Gilbert, Commissioner
SECONDER:	Mike H. Payment, Vice Chairman
AYES:	Bobby Hanig, Chairman, Mike H. Payment, Vice Chairman, Paul M. Beaumont, Commissioner, Mary "Kitty" Etheridge, Commissioner, Marion Gilbert, Commissioner, Mike D. Hall, Commissioner, Bob White, Commissioner

2. Amended Item-Economic Development

Commissioner Hall nominated Juanita Krause to the Economic Development Board. The nominee was voted upon simultaneously with the Board of Adjustment nominees and unanimously approved.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Marion Gilbert, Commissioner
SECONDER:	Mike H. Payment, Vice Chairman
AYES:	Bobby Hanig, Chairman, Mike H. Payment, Vice Chairman, Paul M. Beaumont, Commissioner, Mary "Kitty" Etheridge, Commissioner, Marion Gilbert, Commissioner, Mike D. Hall, Commissioner, Bob White, Commissioner

D) Consent Agenda

Commissioner Beaumont moved to approve Consent Agenda. Commissioner Gilbert seconded the motion. The motion passed unanimously.

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RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Paul M. Beaumont, Commissioner
SECONDER:	Marion Gilbert, Commissioner
AYES:	Bobby Hanig, Chairman, Mike H. Payment, Vice Chairman, Paul M. Beaumont, Commissioner, Mary "Kitty" Etheridge, Commissioner, Marion Gilbert, Commissioner, Mike D. Hall, Commissioner, Bob White, Commissioner

1) Approval Of Minutes for April 17, 2017

1. Approval of Minutes for April 17, 2017

2. Budget Amendments

		Debit	Credit
Account Number	Account Description	Decrease Revenue or Increase Expense	Increase Revenue or Decrease Expense
10795-532000	Supplies	$ 3,450	
10795-516400	Equipment Maintenance	$ 100	
10795-545100	Credit Card Fees	$ 750	
10350-469020	Maple Park Sponsors		$ 3,450
10795-532500	Concessions		$ 850
		$ 4,300	$ 4,300

Explanation: Parks & Recreation (10795) - Increase appropriations for sponsorships for Maple Park signs and for operations for the remainder of this fiscal year.

Net Budget Effect: Operating Fund (10) - Increased by $3,450.

		Debit	Credit
Account Number	Account Description	Decrease Revenue or Increase Expense	Increase Revenue or Decrease Expense
10490-511000	Telephone/Postage - Other	$ 20	
10490-511003	Telephone/Postage - Court System	$ 20	
10490-513000	Utilities - Other	$ 1,500	
10490-545003	Contract Services - Court/Jail	$ 1,500	
10490-513003	Utilities - Court/Jail		$ 3,040
		$ 3,040	$ 3,040

Explanation: Court Facilities (10490) - Transfer appropriated funds for operations for the remainder of this fiscal year.

Net Budget Effect: Operating Fund (10) - No change.

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Account Number	Account Description	Debit Decrease Revenue or Increase Expense	Credit Increase Revenue or Decrease Expense
10660-511000	Telephone & Postage	$ 4,320	
10660-532000	Supplies	$ 1,200	
10660-557100	Software License Fees	$ 225	
10660-561000	Professional Services	$ 700	
10660-514800	Fees Paid to Officials		$ 4,045
10660-526000	Advertising		$ 1,400
10660-531000	Fuel		$ 1,000
		$ 6,445	$ 6,445

Explanation: Community Development (10660) - Transfer funds for operations for the remainder of this fiscal year to encourage public input and support update of the Land Use Plan.

Net Budget Effect: Operating Fund (10) - No change.

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Account Number	Account Description	Debit Decrease Revenue or Increase Expense	Credit Increase Revenue or Decrease Expense
10530-502000	Salaries	$ 130,000	
10530-502200	Holiday Pay	$ 21,700	
10530-505000	FICA	$ 11,605	
10530-506000	Insurance Expense		$ 93,000
10530-507000	Retirement	$ 19,721	
10530-511000	Telephone & Postage		$ 1,400
10530-513000	Utilities		$ 14,000
10530-514000	Travel	$ 500	
10530-514800	Fees Pd To Officials		$ 2,000
10530-516000	Repairs & Maintenance		$ 1,962
10530-516200	Vehicle Maintenance	$ 10,000	
10530-526000	Advertising		$ 500
10530-531000	Fuel		$ 10,000
10530-533900	Ambulance Supplies	$ 20,000	
10530-545000	Contracted Services		$ 20,000
10530-557100	Software License Fee		$ 12,200
10530-561200	Billing	$ 17,400	
10330-445100	FEMA - Public Assistance		$ 66,364
10541-513000	Utilities		$ 5,000
10541-514500	Training & Education		$ 2,650
10541-516200	Vehicle Maintenance	$ 6,000	
10541-531000	Fuel		$ 1,000
10541-532000	Supplies	$ 2,650	
10541-557100	Software License Fee		$ 9,500
		$ 239,576	$ 239,576

Explanation: Emergency Medical Services (10530); Fire Prevention (10541) - Operating Transfers for the remainder of this fiscal year and to record FEMA reimbursement for EMS staff deployed during Hurricane Matthew and fires in Western NC.

Net Budget Effect: Operating Fund (10) - Increased by $66,364.

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Account Number	Account Description	Debit: Decrease Revenue or Increase Expense	Credit: Increase Revenue or Decrease Expense
66868-532000	Supplies	$ 6,000	
66868-516000	Repairs & Maintenance		$ 5,000
66868-511000	Telephone & Postage		$ 1,000
		$ 6,000	$ 6,000

Explanation: Southern Outer Banks Water System (66868) - Transfer for operations for the remainder of this fiscal year.

Net Budget Effect: Southern Outer Banks Water System Fund (66) - No change.

Account Number	Account Description	Debit: Decrease Revenue or Increase Expense	Credit: Increase Revenue or Decrease Expense
10752-519600	Child Care		$ 35,752
10330-432800	Day Care	$ 35,752	
10330-431000	DSS Administration		$ 1,695
10390-499900	Appropriated Fund Balance	$ 1,695	
		$ 37,447	$ 37,447

Explanation: Public Assistance (10752) - Decrease daycare funding per 4/13/2017 funding authorization.

Net Budget Effect: Operating Fund (10) - Decreased by $35,752.

Account Number	Account Description	Debit: Decrease Revenue or Increase Expense	Credit: Increase Revenue or Decrease Expense
10775-532000	Supplies		$ 1,500
10775-513000	Utilities		$ 1,500
10775-545000	Contracted Srevices - Nutrition	$ 3,000	
		$ 3,000	$ 3,000

Explanation: Senior Center (10775) - Transfer funds for additional home delivered meals for the remainder of this fiscal year.

Net Budget Effect: Operating Fund (10) - No change.

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Account Number	Account Description	Debit Decrease Revenue or Increase Expense	Credit Increase Revenue or Decrease Expense
10510-503000	Part-time salaries	$ 1,500	
10510-505000	FICA	$ 115	
10510-557500	Crime Control	$ 1,000	
10510-506000	Insurance Expense		$ 1,000
10511-503000	Part-time salaries		$ 1,500
10511-505000	FICA		$ 115
		$ 2,615	$ 2,615

Explanation: Sheriff (10510); Jail (10511) - Transfer part-time salaries from the Detention Center to the Sheriff's Department for operations and increase funding for crime control activities for the remainder of this fiscal year.

Net Budget Effect: Operating Fund (10) - No change.

Account Number	Account Description	Debit Decrease Revenue or Increase Expense	Credit Increase Revenue or Decrease Expense
64848-553000	Dues & Subscriptions	$ 10	
64848-532000	Supplies	$ 4,500	
64848-513000	Utilities		$ 10
64848-545000	Contracted Services		$ 2,100
64848-516000	Repairs & Maintenance		$ 2,400
		$ 4,510	$ 4,510

Explanation: Maple Commerce Park Sewer (64848) - Transfer funds for operations for the remainder of this fiscal year.

Net Budget Effect: Moyock Commerce Park Sewer (64) - No change.

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Account Number	Account Description	Debit Decrease Revenue or Increase Expense	Credit Increase Revenue or Decrease Expense
61818-533800	Chemicals	$ 8,000	
61818-532000	Supplies	$ 20,030	
61818-552000	Overage (Shortage)	$ 30	
61818-545000	Contracted Services	$ 1,800	
61818-516000	Repairs & Maintenance		$ 14,000
61818-516200	Vehicle Maintenance		$ 2,000
61818-590000	Capital Outlay		$ 3,160
61818-516400	Equipment Maintenance		$ 700
61818-590003	Fire Hydrants		$ 10,000
		$ 29,860	$ 29,860

Explanation: Mainland Water Fund (61818) - Transfer for operations for the remainder of this fiscal year.

Net Budget Effect: Mainland Water (61) - No change.

Account Number	Account Description	Debit Decrease Revenue or Increase Expense	Credit Increase Revenue or Decrease Expense
67878-516000	Repairs & Maintenance	$ 300	
67878-532000	Supplies	$ 1,500	
67878-553000	Dues & Subscriptions	$ 700	
67878-533800	Chemicals		$ 2,000
67878-590000	Capital Outlay		$ 500
		$ 2,500	$ 2,500

Explanation: Moyock Central Sewer (67878) - Transfer for operations for the remainder of this fiscal year.

Net Budget Effect: Moyock Central Sewer (67) - No change.

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Account Number	Account Description	Debit: Decrease Revenue or Increase Expense	Credit: Increase Revenue or Decrease Expense
10461-536000	Uniform	$ 500	
10461-532000	Supplies	$ 6,000	
10461-514000	Travel		$ 1,000
10461-516200	Vehicle Maintenance		$ 2,000
10461-590001	Capital Outlay		$ 2,000
10461-545000	Contract Services		$ 1,500
		$ 6,500	$ 6,500

Explanation: Public Utilities (10461) - Transfer funds for operations for the remainder of this fiscal year.

Net Budget Effect: Operating Fund (10) - No change.

Account Number	Account Description	Debit: Decrease Revenue or Increase Expense	Credit: Increase Revenue or Decrease Expense
68888-533800	Chemicals	$ 8,000	
68888-532000	Supplies	$ 2,350	
68888-516000	Repairs & Maintenance		$ 450
68888-590000	Capital Outlay		$ 1,999
68888-545000	Contract Services		$ 7,901
		$ 10,350	$ 10,350

Explanation: Walnut Island Sewer District (68888) - Transfer funds for operations for the remainder of this fiscal year.

Net Budget Effect: Walnut Island Sewer Fund (68) - No change.

Account Number	Account Description	Debit: Decrease Revenue or Increase Expense	Credit: Increase Revenue or Decrease Expense
20609-511010	Data Transmission	$ 2,700	
20609-590000	Capital Outlay	$ 1,678	
20609-545000	Contract Services		$ 4,378
		$ 4,378	$ 4,378

Explanation: Whalehead Subdivision Stormwater District (20609) - Transfer funds for operations for the remainder of this fiscal year.

Net Budget Effect: Whalehead Subdivision Stormwater Fund (20) - No change.

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Account Number	Account Description	Debit Decrease Revenue or Increase Expense	Credit Increase Revenue or Decrease Expense
10550-511010	Data Transmission	$ 140	
10550-516400	Equipment Maintenance	$ 250	
10550-532000	Supplies	$ 200	
10550-531002	Fuel		$ 590
		$ 590	$ 590

Explanation: Airport (10550) - Transfer funds for operations for the remainder of this fiscal year.

Net Budget Effect: Operating Fund (10) - No change.

Account Number	Account Description	Debit Decrease Revenue or Increase Expense	Credit Increase Revenue or Decrease Expense
10980-532000	Supplies	$ 500	
10980-545000	Contract Services	$ 50,000	
10980-590000	Capital Outlay	$ 10,150	
10330-445100	FEMA Public Assistance		$ 60,650
		$ 60,650	$ 60,650

Explanation: Disaster Assistance (10980) - Increase funding from FEMA for damages sustained during Hurricane Matthew.

Net Budget Effect: Operating Fund (10) - Increased by $60,650.

Account Number	Account Description	Debit Decrease Revenue or Increase Expense	Credit Increase Revenue or Decrease Expense
10415-532000	Supplies	$ 1,000	
10415-561000	Professional Services		$ 1,000
		$ 1,000	$ 1,000

Explanation: Legal (10415) - Transfer funds for operations for the remainder of this fiscal year.

Net Budget Effect: Operating Fund (10) - No change.

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Account Number	Account Description	Debit Decrease Revenue or Increase Expense	Credit Increase Revenue or Decrease Expense
10512-545000	Contract Services	$ 4,900	
10512-531000	Gas, Oil		$ 1,800
10512-516000	Repairs & Maintenance		$ 200
10512-513000	Utilities		$ 1,200
10512-514000	Travel		$ 500
10512-532000	Supplies		$ 500
10512-542000	Rabies Vaccines		$ 700
		$ 4,900	$ 4,900

Explanation: Animal Services and Control (10512) - Transfer funds for demolition of quarantine shelter on Airport property.

Net Budget Effect: Operating Fund (10) - No change.

Account Number	Account Description	Debit Decrease Revenue or Increase Expense	Credit Increase Revenue or Decrease Expense
63838-513000	Utilities	$ 2,000	
63838-516400	Equipment Maintenance	$ 100	
63838-545800	White Goods Disposal	$ 20,000	
63838-545900	Tire Disposal	$ 20,000	
63838-558400	Solid Waste Disposal Tax	$ 4,000	
63320-413000	Tire Tax		$ 10,000
63320-413500	White Goods Tax		$ 20,000
63360-470000	Utilities Charges		$ 16,100
		$ 46,100	$ 46,100

Explanation: Solid Waste (63838) - Increase appropriations for increase in volumes of waste which will be offset by increased revenues in the respective taxes.

Net Budget Effect: Solid Waste Fund (63) - Increased by $46,100.

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Account Number	Account Description	Debit Decrease Revenue or Increase Expense	Credit Increase Revenue or Decrease Expense
12546-514506	Travel/Train/Educ		$ 1,056
12546-536006	Uniforms		$ 1,500
12546-536106	Personal Protective Equipment	$ 1,500	
12546-561006	Professional Serv	$ 1,600	
12546-590006	Capital Outlay		$ 544
		$ 3,100	$ 3,100
Explanation:	Corolla Fire & Rescue Squad (12546) - Transfers per request of Corolla VFD.		
Net Budget Effect:	Fire Services Fund (12) - No change.		

3. Resolution of the Board of Commissioners Requesting a Road Name Change from Terminal Road to Airport Road

RESOLUTION OF THE CURRITUCK COUNTY
BOARD OF COMMISSIONERS TO REQUEST A ROAD NAME CHANGE

WHEREAS, a taxiway expansion project in progress at the Currituck County Regional Airport required the abandonment and removal of a portion of Airport Road; and

WHEREAS, the airport terminal address was 264 Airport Road (SR 1530) Maple, North Carolina prior to and at the start of the expansion project and was subsequently changed to an address on Terminal Road; and

WHEREAS, the removal of Airport Road and the new Terminal Road address assigned to the airport terminal building is causing confusion for visitors who use the county airport for transportation and other services, such as rental car pickup and drop off; and,

WHEREAS, Currituck County, Airport Manager, County GIS, and County Manager have performed the necessary due diligence in ensuring no negative outcomes would result from the road name change.

NOW THEREFORE BE IT RESOLVED, that the Currituck County Board of Commissioners requests the North Carolina Board of Transportation consider the following road name change:

- **Rename Terminal Road to Airport Road (SR 1530)**

NOW THEREFORE BE IT FURTHER RESOLVED, upon notification of approval of the renaming

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request from the North Carolina Department of Transportation, the Board of Commissioners will hold a public hearing.

This, the 15th day of May, 2017.

4. Proclamation-Vulnerable Adults and Elder Abuse Awareness

VULNERABLE ADULT AND ELDER ABUSE AWARENESS MONTHS 2017 A PROCLAMATION

WHEREAS, North Carolina joins the world in recognizing World Elder Abuse Awareness Day every June 15th; and

WHEREAS, protecting North Carolina's vulnerable and older adults is a community responsibility and all citizens are charged under State law to report suspected abuse, neglect or exploitation to their local County Department of Social Services; and

WHEREAS, North Carolina's vulnerable and older adults of all social, economic, racial and ethnic backgrounds may be targets of abuse, neglect or exploitation which can occur in families, long-term care settings and communities; and

WHEREAS, in state fiscal year 2016 there were 25,980 reports of abuse, neglect or exploitation of vulnerable and older adults were made to North Carolina's 100 County Departments of Social Services; and

WHEREAS, national and international research shows that abuse, neglect and exploitation of vulnerable and older adults is grossly underreported; and

WHEREAS, the State of North Carolina enacted the nation's first elder abuse law and recognizes the need for a comprehensive system of protection for vulnerable and older adults; and

WHEREAS, Mother's and Father's Days are national holidays intended to honor, respect, and promote the dignity and well-being of our older citizens;

NOW THEREFORE, **We, the Currituck County Board of Commissioners,** do hereby proclaim MOTHERS DAY to FATHERS DAY 2017 as "**VULNERABLE ADULT AND ELDER ABUSE AWARENESS MONTHS**" and commend its observance to Currituck County citizens.

ADOPTED this, the 15th day of May, 2017.

5. Chief Building Inspector Job Description Revision

6. NCDOT Petition for Road Addition-Pagoda Trail at Backwoods Reserve

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E) Commissioner's Report

Commissioner Beaumont reported he attended the combined maritime search and rescue training event and expressed his gratitude to all of the various agencies who attended. He said the training exercise will take place annually, in May of each year. He reported that alcohol-related maritime accidents will now be considered a felony by the United States Coast Guard and North Carolina Wildlife officers.

Commissioner Etheridge said the Department of Social Services Board interviewed candidates for the Social Services Director position upon the retirement of Ms. Romm. Ms. Samantha Hurd has accepted the position and will be effective July 1, 2017.

Commissioner Payment announced the Let Summer Begin event to support Currituck Kids. The free event will take place at Currituck BBQ on June 3, beginning at 2 PM.

F) County Manager's Report

The County Manager had nothing to report.

RECESS

Chairman Hanig recessed the regular meeting of the Board of Commissioners to hold special meetings of the Tourism Development Authority and the Ocean Sands Water and Sewer District Board.

SPECIAL MEETING OF THE TOURISM DEVELOPMENT AUTHORITY

The Currituck County Board of Commissioners held a Special Meeting sitting as the Tourism Development Authority (TDA) in the Board Meeting Room of the Historic Courthouse, 153 Courthouse Road, Currituck, North Carolina. The purpose of the meeting was to hear the TDA budget presentation and set a date for Public Hearing and adoption. TDA budget amendments were also being considered.

Presentation of the Tourism Development Authority Budget for FY 2017-2018 and Set a Date for Public Hearing and Possible Action

County Manager, Dan Scanlon, reviewed the proposed budget for the Tourism Development Authority with the Board. After presentation, Mr. Scanlon reviewed several aspects of the Connecting Corolla Plan and the Historic Boat Building capital project included in the budget.

Mr. Scanlon said the intent is to schedule the Public Hearing for June 5, 2017, for the budget to be adopted not later than July 1, 2017, as required by general statute. The budget is made available for public review on line and in the office of the County Manager.

Commissioner Gilbert moved to schedule the public hearing for the Tourism Development Authority budget on June 5, 2017. Commissioner White seconded the motion and the motion passed unanimously.

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RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Marion Gilbert, Commissioner
SECONDER:	Bob White, Commissioner
AYES:	Bobby Hanig, Chairman, Mike H. Payment, Vice Chairman, Paul M. Beaumont, Commissioner, Mary "Kitty" Etheridge, Commissioner, Marion Gilbert, Commissioner, Mike D. Hall, Commissioner, Bob White, Commissioner

TDA Budget Amendments

Mr. Scanlon reviewed the budget amendments with the Board, which addressed data transmission and heating and air conditioning repairs at the Whalehead house.

Commissioner Gilbert moved to approve the budget amendments. The motion was seconded by Commissioner Etheridge and passed unanimously.

		Debit	Credit
Account Number	Account Description	Decrease Revenue or Increase Expense	Increase Revenue or Decrease Expense
15442-511010	Data Transmission	$ 2,300	
15442-526200	Promotional Efforts		$ 2,300
		$ 2,300	$ 2,300
Explanation:	Occupancy Tax - Promotion (15442) - Transfer funds for data transmission costs for the remainder of this fiscal year.		
Net Budget Effect:	Occupancy Tax Fund (15) - No change.		

		Debit	Credit
Account Number	Account Description	Decrease Revenue or Increase Expense	Increase Revenue or Decrease Expense
15448-590000	Capital Outlay	$ 12,000	
15448-516000	Repairs & Maintenance		$ 12,000
		$ 12,000	$ 12,000
Explanation:	Occupancy Tax - Whalehead (15448) - Transfer funds for HVAC repairs at Whalehead.		
Net Budget Effect:	Occupancy Tax Fund (15) - No change.		

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With there being no further business Chairman Hanig closed the special meeting of the Tourism Development Authority.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Marion Gilbert, Commissioner
SECONDER:	Mary "Kitty" Etheridge, Commissioner
AYES:	Bobby Hanig, Chairman, Mike H. Payment, Vice Chairman, Paul M. Beaumont, Commissioner, Mary "Kitty" Etheridge, Commissioner, Marion Gilbert, Commissioner, Mike D. Hall, Commissioner, Bob White, Commissioner

SPECIAL MEETING OF THE OCEAN SANDS WATER AND SEWER DISTRICT BOARD

The Currituck County Board of Commissioners held a Special Meeting sitting as the Ocean Sands Water and Sewer District Board in the Board Meeting Room of the Historic Courthouse, 153 Courthouse Road, Currituck, North Carolina. The purpose of the meeting was to consider budget amendments.

Ocean Sands Water and Sewer District Budget Amendment

Mr. Scanlon reviewed the budget amendments with the Board. After review, Commissioner Gilbert moved to approve. The motion was seconded by Commissioner White and passed unanimously.

		Debit	Credit
Account Number	Account Description	Decrease Revenue or Increase Expense	Increase Revenue or Decrease Expense
59808-596100	Professional Services	$ 425,000	
59808-588000	Contingency		$ 125,000
59390-495060	T F - Ocean Sands Operating Fund		$ 300,000
		$ 425,000	$ 425,000
Explanation:	Ocean Sands Construction Fund (59808) - Increase appropriations for design, permiting and construction administration of Phases II and III and the Ocean Sands Wastewater Treatment Plant replacement.		
Net Budget Effect:	Ocean Sands Water and Sewer District Fund (60) - Increased by $300,000.		

With there being no further business, Chairman Hanig closed the special meeting of the Ocean Sands Water and Sewer District Board.

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RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Marion Gilbert, Commissioner
SECONDER:	Bob White, Commissioner
AYES:	Bobby Hanig, Chairman, Mike H. Payment, Vice Chairman, Paul M. Beaumont, Commissioner, Mary "Kitty" Etheridge, Commissioner, Marion Gilbert, Commissioner, Mike D. Hall, Commissioner, Bob White, Commissioner

ADJOURN

Motion to Adjourn Meeting

The regular meeting of the Board of Commissioners was reconvened. There was no further business and Commissioner Gilbert moved to adjourn. The motion was seconded by Commissioner Payment and passed unanimously. The regular meeting of the Board of Commissioners was concluded.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Marion Gilbert, Commissioner
SECONDER:	Mike H. Payment, Vice Chairman
AYES:	Bobby Hanig, Chairman, Mike H. Payment, Vice Chairman, Paul M. Beaumont, Commissioner, Mary "Kitty" Etheridge, Commissioner, Marion Gilbert, Commissioner, Mike D. Hall, Commissioner, Bob White, Commissioner

Communication: Minutes for May 15, 2017 (Approval Of Minutes for May 15, 2017)

Number 2017129

BUDGET AMENDMENT

The Currituck County Board of Commissioners, at a meeting on the 5th day of June 2017, passed the following amendment to the budget resolution for the fiscal year ending June 30, 2017.

Account Number	Account Description	Debit Decrease Revenue or Increase Expense	Credit Increase Revenue or Decrease Expense
10415-553000	Dues & Subscriptions		$ 800
10415-514000	Travel		$ 1,000
10415-532000	Supplies	$ 1,800	
		$ 1,800	$ 1,800

Explanation: Legal (10415) - Transfer budgeted funds for unanticipated copies required for current litigation and public records requests.

Net Budget Effect: Operating Fund (10) - No change.

Minute Book # _____, Page # _____

Journal # _____

Clerk to the Board

Attachment: BudAmends-June 5-2017_BOC (1910 : Budget Amendments)

Number 2017130

BUDGET AMENDMENT

The Currituck County Board of Commissioners, at a meeting on the 5th day of June 2017, passed the following amendment to the budget resolution for the fiscal year ending June 30, 2017.

Account Number	Account Description	Debit Decrease Revenue or Increase Expense	Credit Increase Revenue or Decrease Expense
10550-516000	Repairs and Maintanance	$ 2,500	
10550-545000	Contracted Services	$ 2,500	
10550-590000	Capital Outlay		$ 5,000
		$ 5,000	$ 5,000

Explanation: Airport (10550) - Transfer funds for additional equipment repairs and storm damage.

Net Budget Effect: Operating Fund (10) - No change.

Minute Book # _____, Page # _____

Journal # _____

Clerk to the Board

Attachment: BudAmends-June 5-2017_BOC (1910 : Budget Amendments)

Number 2017131

BUDGET AMENDMENT

The Currituck County Board of Commissioners, at a meeting on the 5th day of June 2017, passed the following amendment to the budget resolution for the fiscal year ending June 30, 2017.

Account Number	Account Description	Debit Decrease Revenue or Increase Expense	Credit Increase Revenue or Decrease Expense
10530-533900	Ambulance Supplies		$ 12,000
10530-590000	Capital Outlay	$ 12,000	
		$ 12,000	$ 12,000

Explanation: Emergency Medical Services (10530) - Transfer funds for McGrath Laryngoscope devices to equip ambulances.

Net Budget Effect: Operating Fund (10) - No change.

Minute Book # _____, Page # _____

Journal # _____

Clerk to the Board

Attachment: BudAmends-June 5-2017_BOC (1910 : Budget Amendments)

Number 2017132

BUDGET AMENDMENT

The Currituck County Board of Commissioners, at a meeting on the 5th day of June 2017, passed the following amendment to the budget resolution for the fiscal year ending June 30, 2017.

Account Number	Account Description	Debit Decrease Revenue or Increase Expense	Credit Increase Revenue or Decrease Expense
10410-506000	Insurance Expense		$ 95
10410-514500	Training & Education	$ 95	
10441-506000	Insurance Expense		$ 274
10441-553000	Dues & Subscriptions	$ 274	
10512-506000	Insurance Expense		$ 350
10512-511010	Data Transmission	$ 350	
10530-506000	Insurance Expense		$ 150
10530-514500	Training & Education	$ 150	
10540-506000	Insurance Expense		$ 5
10540-561000	Professional Services	$ 5	
10550-514000	Travel		$ 269
10550-516400	Equipment Maintenance	$ 226	
10550-532000	Supplies	$ 43	
10775-506000	Insurance Expense		$ 11
10775-553000	Dues & Subscriptions	$ 11	
10980-545000	Contract Services		$ 29
10980-590000	Capital Outlay	$ 29	
61818-506000	Insurance Expense		$ 2,650
61818-511010	Data Transmission	$ 650	
61818-533800	Chemicals	$ 2,000	
64848-511000	Telephone & Postage		$ 66
64848-516000	Repairs & Maintenance	$ 66	
66868-545000	Contract Services	$ 2,000	
66868-545000	Insurance Expense		$ 2,000
67878-513000	Utilities		$ 1,300
67878-553000	Dues & Subscriptions	$ 1,300	
68888-516000	Repairs & Maintenance	$ 329	
68888-532000	Supplies		$ 330
68888-557100	Software License Fee	$ 1	
		$ 7,529	$ 7,529

Explanation: Administration (10410); Information Technology (10441); Animal Services and Control (10512); EMS (10530); Inspections (10540); Airport (10550); Senior Center (10775); Disaster Recovery (10980); Mainland Water (61818); Maple Commerce Sewer (64848); So Outer Banks Water (66868); Moyock Sewer (67878); Walnut Island Sewer (68888) - Transfers for operations for the remainder of this fiscal year.

Net Budget Effect: Operating Fund (10) - No change.
Mainland Water (61) - No change
Maple Commerce Park Sewer (64) - No change.
So Outer Banks Water (66) - No change.
Moyock Sewer (67) - No change.
Walnut Island Sewer (68) - No change.

Minute Book # _____, Page # _____

Journal # _____

Clerk to the Board

Attachment: BudAmends-June 5-2017_BOC (1910 : Budget Amendments)

Attachment: Resolution-Surplus Office Bldg and Metal Bldg Vet Mem Pk 5-8-2017 (1888 : Surplus Resolution-Veterans Park Office Building and

R E S O L U T I O N

WHEREAS, the Board of Commissioners of Currituck County, North Carolina during its regularly scheduled meeting held on May 15, 2017, authorized the following, pursuant to GS 160A and 270(b), that the following property is declared surplus and is to be demolished:

Office Building at Veterans' Memorial Park, 132 Coinjock Canal Road, and
Metal Storage Building at 132 Coinjock Canal Road

NOW, THEREFORE, BE IT RESOLVED, that the Board of Commissioners of County of Currituck reserves the right to reject any and all bids.

THIS THE 5th day of June, 2017.

CURRITUCK COUNTY BOARD OF COMMISSIONERS

_____
Chairman

ATTEST:

_____
Leeann Walton
Clerk to the Board

RESOLUTION

WHEREAS, THE Board of Commissioners of the County of Currituck, North Carolina during its regularly scheduled meeting authorized the following, pursuant to G.S. 160A and 270(b) that the property listed below will be sold on GovDeals.

County Asset Tag	Description	Serial Number
5727	2003 Dodge Durango, White	1D4HS38N73F594007

NOW, THEREFORE, BE IT RESOLVED, that the Board of Commissioners of the County of Currituck reserves the tight to reject any and all bids.

ADOPTED, this 5th day of June, 2017.

Bobby Hanig
County of Currituck, Board of Commissioners

Leeann Walton
Clerk to the Board (Seal)

Attachment: Surplus Resolution-Animal Services-2003 Durango (1898 : Surplus Resolution-Animal Services Dodge Durango)

RESOLUTION

WHEREAS, THE Board of Commissioners of the County of Currituck, North Carolina during its regularly scheduled meeting authorized the following, pursuant to G.S. 160A and 270(b) that the property listed below will be donated to the Currituck County Board of Education.

County Asset Tag	Description	Serial Number
3992	1997 Ambulance, old reserve unit, to be surplus and given to Currituck high school for their EMT vocational program. Mr. Don Moore has requested this unit for the program.	1FDKE30F2VHA39497

NOW, THEREFORE, BE IT RESOLVED, that the Board of Commissioners of the County of Currituck reserves the tight to reject any and all bids.

ADOPTED, this 5th day of June, 2017.

Bobby Hanig
County of Currituck, Board of Commissioners

Leeann Walton
Clerk to the Board (Seal)

Attachment: Ambulance-Surplus unit 53011 (1913 : Surplus Resolution-EMS Ambulance)

2017 BOARD OF EQUALIZATION & REVIEW
Minutes
May 1, 2017

The 2017 Board of Equalization & Review was called to order by Vice-Chairman Michael Payment at 4:00pm on Monday May 1, 2017. Board Members Paul Beaumont, Mary Etheridge, Marion Gilbert, Mike Hall, and Bob White were in attendance. New board members Mary Etheridge & Bob White took and subscribed to the oath required by G.S. 105-322(c).

There was no business brought before the Board.

The Board of Equalization and Review adjourned at 4:20pm

ATTEST: Tracy Sample

Tracy Sample, Clerk to the Board of Equalization and Review

Vice-Chairman, Michael Payment

Attachment: 2017_ER_MINUTES (1909 : Board of E & R-Minutes Approval)

This instrument has been Pre audited in the manner required by The Local Government Budget and Fiscal Control Act

_____
County Finance Director

Attachment: White - Wootton (Keel) Lease 2017-2022 (1895 : Knotts Island Convenience Center Lease)

NORTH CAROLINA

LEASE AGREEMENT

CURRITUCK COUNTY

THIS LEASE AGREEMENT, which supersedes any prior lease agreements between the parties, made and entered into this _____day of June, 2017, by and between RONALD L. AND (wife) PATRICIA J. WHITE and SHERRY L. AND (husband) MARK H. WOOTTON (the "Lessor) and THE COUNTY OF CURRITUCK, NORTH CAROLINA, a body corporate and politic existing under the laws of the State of North Carolina, (the "Lessee");

WITNESSETH:

THERE WHEREAS, North Carolina General Statutes 153A-121, 153A-132.1, and 153A-136, provide that a county may regulate the storage, collection and disposal of solid waste; and

WHEREAS, North Carolina General Statute 153A-165 provides that a county may lease as lessee any real property for any authorized public purpose; and

WHEREAS, the County, in order to provide the public with a convenient method for the disposal of solid waste desires to enter into this lease for the siting and placement of a convenience center for use by the public for the disposal of solid waste;

NOW, THEREFORE, for and in consideration of the rental, specified below, and of the stipulated covenants, the Lessor and Lessee agree as follows:

1. Lessor agrees to lease the Lessee the premises situated at 180 Knotts Island Road (SR 1231), Fruitville Township, Knotts Island, North Carolina 27950.

2. The lease of the above-described premises shall be for a term of five (5) years commencing on the 1st day of July, 2017, and ending on the 30th day of June, 2022.

3. The rent for the term of this lease is $7,200.00 per year or $600.00 per month, payable in advance without demand or notice. Payments shall be made to RONALD L. AND (wife) PATRICIA J. WHITE, 110 Taylor Leigh Drive, South Mills, NC 27976 ($300.00/month) and SHERRY L. AND (husband) MARK H. WOOTTON, 112 Captain Casey Lane, Knotts Island, NC 27950 ($300.00/month).

4. It is understood by the parties that the leased premises will be improved for Lessee’s use as a solid waste disposal center. It is mutually agreed between Lessor and Lessee that any costs incurred and all improvements made to the leased premises shall be at the expense of the Lessee.

5. Lessee agrees to keep the leased premises neat in appearance.

6. Lessee agrees to indemnify and hold Lessor harmless from any liability of any nature, which may arise in connection with Lessee's use of the leased premises, and Lessor shall indemnify and hold Lessee harmless from any liability due to conditions existing to or on the leased premises prior to the date of this lease agreement.

7. Lessee may not assign, transfer, sublease, pledge or otherwise encumber or dispose of this lease without the written consent of the Lessor, except as described in paragraph 4 of this lease agreement.

8. Upon termination of this lease agreement, any rental paid by Lessee in advance shall be returned to Lessee on a pro-rata basis.

9. Upon Termination or expiration of this lease, Lessee agrees to remove all fixtures, personal property and other improvements from the leased premises and to return the leased premises to Lessor in substantially the same condition as on the date Lessor takes possession of the premises.

10. Lessee shall have peaceful and quiet enjoyment of the premises for the term of this lease provided that Lessee pays the rent as agreed to in this lease agreement and otherwise performs all of the conditions and covenants set forth in this lease agreement.

IN WITNESS WHEREOF, Lessor and Lessee have executed this lease the day and year first written above.

LESSOR

_____

Ronald L. White (SEAL)

_____

Patricia J. White (SEAL)

_____

Sherry L. Wootton (SEAL)

_____

Mark H. Wootton (SEAL)

LESSEE, COUNTY OF CURRITUCK

ATTEST:

_____

Leeann Walton
Clerk to the Board of Commissioners

(SEAL)

_____

Bobby Hanig, Chairman (SEAL)
Board of Commissioners

Attachment: White - Wootton (Keel) Lease 2017-2022 (1895 : Knotts Island Convenience Center Lease)

STATE OF _____

COUNTY OF _____

I, _____, the undersigned Notary Public, certify that RONALD L. AND (wife) PATRICIA J. WHITE personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal this _____ day of _____, 2017.

(SEAL)

_____
Notary Public

_____
Printed Name

My Commission Expires: _____

STATE OF _____

COUNTY OF _____

I, _____, the undersigned Notary Public, certify that SHERRY L. AND (husband) MARK H. WOOTTON personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal this _____ day of _____, 2017.

(SEAL)

_____
Notary Public

_____
Printed Name

My Commission Expires: _____

STATE OF NORTH CAROLINA

COUNTY OF CURRITUCK

I, the undersigned Notary Public, certify that Leeann Walton personally appeared before me this day and acknowledged that she is the Clerk of the Board of Commissioners for the County of Currituck, a body politic and political subdivision of the State of North Carolina, and that by authority duly given and as the act of the County, the foregoing instrument was signed in its name by its Chairman to the Currituck County Board of Commissioners, sealed with its County seal and attested by her as it's Clerk to the Board.

Witness my hand and official seal this _____ day of _____, 2017.

(SEAL)

_____
Notary Public

_____
Printed Name

My Commission Expires: _____

Attachment: White - Wootton (Keel) Lease 2017-2022 (1895 : Knotts Island Convenience Center Lease)

Attachment: White - Wootton (Keel) Lease 2017-2022 (1895 : Knotts Island Convenience Center Lease)

Attachment: Economic Improvement Council, Inc. Lease 2017-19 (1900 : Economic Improvement Council Lease)

NORTH CAROLINA

CURRITUCK COUNTY

OFFICE SPACE LEASE AGREEMENT

This lease, made and entered into this ____ day of _____, 2017 by and between **Currituck County,** North Carolina, a body corporate and politic existing pursuant to the laws of the State of North Carolina, (Lessor), and **Economic Improvement Council, Inc.,** (Lessee);

WITNESSETH:

The Lessor hereby leases to the Lessee and covenants to keep the Lessee in quiet possession of the following described premises, to wit;

Space located within the Lessor's designated as Room #118 located at the Social Services Building, 2793 Caratoke Highway, Currituck, North Carolina (the Premises) and subject to the terms and conditions set forth herein.

The Premises herein demised shall be used solely as space for the Economic Improvement Council Case Manager for the Community Services Block Grant Program Family Sub-Sufficient Program.

I. TERM:

Term: The term of this Lease shall be for one calendar year **commencing July 1, 2017,** and **expiring June 30, 2019**. This Lease may be terminated by either party upon thirty (30) days prior written notice, or sooner terminated as provided elsewhere herein.

II. PAYMENT:

2.1 In consideration whereof, the Lessee agrees to pay the Lessor as rent for the Premises, the sum of **SEVENTY FIVE DOLLARS AND NO CENTS 00/100 ($75.00)** payable monthly in advance. Rent payments are due on or before the 1st day of each month and shall be paid in person or by mail to the Currituck County Finance Department, 153 Courthouse Road. Suite 101. Currituck. NC 27929.

2.2 In the event Lessee shall fail to pay the rent set forth hereunder, or shall fail to keep or perform any of the covenants, agreements or conditions of this Lease for a period of thirty (30) days, then Lessor may terminate this agreement and repossess the premises and retain any deposits made with the execution of this agreement. Otherwise, in the event Lessee performs all of the terms of said lease and pays all rents due hereunder, then at the end of the term Lessor shall refund to Lessee any deposit made with the execution of this lease agreement.

2.3 Lessee may be required to provide a damage deposit in an amount equal to two (2) monthly rental payments. Any such deposit will be held by the Lessor until the termination of the lease and shall be used to offset damages that may occur during the tenant's occupancy of the premises. Failure of the Lessor to require such a deposit at the execution of the lease will not limit the right to establish such a requirement during the lease term.

III. LEASE PROVISIONS

3.1 Lessee agrees to take good care of the Premises and to return the same at the expiration of the term in as good condition as received, ordinary wear, tear and natural decay excepted. If destruction of the Premises, or any part thereof, shall occur during the term of this Lease (and the destruction is not the result of actions or fault by the Lessee), so as to make the premises unfit for the uses described in this Lease, the Lessee may surrender and cancel this Lease.

3.2 It is agreed and understood that the Premises are to be used solely as space for the Economic Improvement Council Case Manager for the Community Services Block Grant Program Family Sub-Sufficient Program and for no other purpose, unless approved by the Lessor in writing. Any other provision of this Lease notwithstanding, in the event of any violation of the provisions of this paragraph on the part of the Lessee, the Lessor shall have the right to cancel this Lease forthwith and without notice.

a. The Premises are for the private use of the Lessee and shall not be used for any commercial purpose, including, but not by way of limitation, the sale of products or services of any kind, whether or not such sales are transacted for a profit. However, the Lessor may agree to allow certain commercial uses of the leased premises if the terms and conditions relating to such use are set forth in a Rider to this lease.

b. Lessee agrees that use of the premises shall be in accordance with federal, state and local laws and regulations, including, but not limited to, those pertaining to fire and safety.

IV. GENERAL PROVISIONS:

4.1 It is agreed that the demised site is accepted in its "as is" condition. Except as established in the preceding paragraph. Lessor assumes no responsibility as to the condition of the demised premises nor shall it assume responsibility for the maintenance, upkeep or repairs which might become necessary to keep the Premises in a safe and serviceable condition.

4.2 The Premises shall not be underlet or the term in whole or in part assigned, transferred or set over by the act of the Lessee, by process or operation of law or in any other manner whatsoever without the prior written consent of the Lessor.

4.3 No signs, emblems or advertising shall be placed or erected on or in the Premises herein demised, nor shall Lessee make any alterations, changes or additions to the Premises including, but not limited to, the replacement or change of locks for the Premises without Lessor’s prior written approval.

4.4 The Lessor shall not be liable for any damage, either to person or property, sustained by the Lessee or by other persons due to the building or any part thereof or any appurtenances thereof becoming out of repair or due to the happening of any accident in or about the building or due to any act or neglect of any tenant or occupant of the building or of any other person. Without limiting the generality of the foregoing, the Lessor shall not be liable for damage

Attachment: Economic Improvement Council, Inc. Lease 2017-19 (1900 : Economic Improvement Council Lease)

caused by water, wind or electrical causes or the negligence of contractors, employees, agents or licensees of the Lessor unless provided to be the gross negligence of the Lessor.

4.5 The Lessee agrees to indemnify and save the Lessor, its officers, agents and employees harmless from any liability, including, but not limited to claims, judgments, fines, costs and attorney's fees to persons or property resulting from or arising out of the Lessee's use or occupancy of the Premises.

4.6 This Lease, at the option of the Lessor, shall be void and forfeited in case of any violation of any agreement herein contained. This covenant is not to be considered or construed as a penalty, but shall be punctually enforced and the Lessor's failure to enforce the same with respect to any violation shall not constitute a waiver of the right to enforce the same with respect to any other violation.

4.7 The Lessee agrees that the Lessor shall have the right to enter the demised premises at any time for the purpose of making inspections thereof and to make such repairs or alterations as are. in the opinion of the Lessor, desirable or necessary and to take such materials into the premises for the safe and economical accomplishment of said purposes without in any way being deemed guilty of an actual or constructive eviction of the Lessee.

4.8 Lessee shall maintain an insurance policy for the leased premises in full force and effect for the period covered by the Lease and any renewals filed with the County. The insurance policy (policies) must identify the Lessor as an additional insured. A copy of the insurance policy (policies) or certificate of insurance must be filed with the Currituck County Finance Department within 30 days of the signing of the lease. The insurance will meet the specifications set forth below.

The amounts of such insurance shall not be less than the following:

Bodily Injury $100,000
Property $1,000,000
Each Accident $1,000,000

V. SUBLEASE/ASSIGNMENT:

The space hereby leased will not be subleased by Lessee nor will this Lease be assigned without the express approval of the Lessor.

VI. NOTICES

Notices to the Lessor provided for herein shall be sufficient if sent by registered mail, postage prepaid, or hand delivered, addressed to Currituck County Attorney, 153 Courthouse Road, Suite 210, Currituck, NC 27929 and notices to the Lessee shall be sufficient if sent registered mail, postage prepaid, or hand delivered, addressed to Economic Improvement Council, Inc., Community Services Block Grant Program, P.O. Box 549, Edenton, NC 27932 or to such other respective addresses as the parties may designate to each other in writing from time to time. Lessee shall notify the Currituck County Legal Department of any change of address within thirty (30) days.

Attachment: Economic Improvement Council, Inc. Lease 2017-19 (1900 : Economic Improvement Council Lease)

VII. TERMINATION

This agreement may be terminated by either party upon thirty (30) days written notice of non-renewal as provided for in paragraph I above. In addition, Lessor may terminate this agreement during the course of monthly term upon the occurrence of any of the following which shall constitute a breach of this Lease by Lessee: Rent is not paid by the 20th of any month; Lessee has vailed to comply with the condition of this lease and has not reasonably corrected the deficiency upon notice by Lessor. In the event of such breach, Lessor shall notify Lessee of termination in writing.

IN WITNESS WHEREOF, the parties have executed this agreement the day and year first above written.

CURRITUCK COUNTY

ATTEST: _____
Leeann Walton
Clerk to the Board of Commissioners

BY: _____
Bobby Hanig
Chairman, Board of Commissioners

(COUNTY SEAL)

ECONOMIC IMPROVEMENT COUNCIL, INC.

ATTEST: _____
Secretary

BY: _____
President

_____

(SEAL)

Attachment: Economic Improvement Council, Inc. Lease 2017-19 (1900 : Economic Improvement Council Lease)

2032.txt

Leeann,

The date at the top paragraph of the lease agreement says 2016, if you can't change it I will change it before sending to them for execution. Also, I need Bobby to sign 2 copies so please print out 2 for him.

Thank you!!

Attachment: Change to Document (1900 : Economic Improvement Council Lease)

Glatfelter Claims Management, Inc.

P.O. Box 5126 • York, Pennsylvania 17405-5126
(800) 233-1957 • Fax: (717) 747-7051 • CA License # 2D89880
Administering claims on behalf of American Alternative Insurance Corporation

VFIS
A Division of Glatfelter Insurance Group

May 23, 2017

Tim Walters, Chief
Crawford Township V F D, Inc
121 Shawboro Road
Moyock, NC 27958

RE:	Insured:	Crawford Township V F D, Inc
	Policy Number:	VFISTR2056337-09
	Claim Number:	NCTR217041124-00001
	Date of Loss:	04/24/2017
	Description:	Truck wheels impacted property

Dear Chief Walters:

Glatfelter Claims Management, Inc. is handling this matter on behalf of American Alternative Insurance Corporation. Enclosed you will find the following checks:

- $20,057.55 for repairs to your fire station and billed engineering costs as well as $725.00 for the cost of required code and ordinance upgrades necessitated by the vehicle damage. The repair cost is based upon the agreed price reached with your contractor less the $250.00 deductible.
- $1,626.43 for repairs to your storage building based on the agreed price reached with your contractor.
- $1,693.63 for the replacement of your damaged personal property as outlined on the enclosed inventory worksheet.
- $8,119.51 for the replacement of your diesel light tower.
- $1,000.00 for the cost of your truck body.

Please be advised that this claim will be reviewed for potential subrogation action. We may attempt to recover damages from the third party involved in the claim. Therefore, if the third party or their insurance carrier contacts you, they should be referred to our office.

The ownership of the property for which Crawford Township VFD Inc. has received compensation has been transferred to Glatfelter Claims Management. Therefore, please be advised that a representative of our Salvage Unit will be in contact with you to make arrangements to collect the truck body and diesel light tower.

We are happy to have been of service. Feel free to contact me with any questions or comments you may have.

Attachment: MAPLE STATION (1901 : Request to approve capital purchases for Crawford VFD due to third part vehicle accident)

Sincerely,



Amy Stayrook
Property Specialist
Extension 7704
E-Mail: claims@glatfelters.com
c: VFIS of North Carolina
Kellogg-Morgan Agency Inc.

Enclosure

Attachment: MAPLE STATION (1901 : Request to approve capital purchases for Crawford VFD due to third part vehicle accident)

Mobley Adjusting Service

5656 NC Hwy 125
Oak City NC. 27857
(252) 799-6340
wrmobley@hotmail.com

Insured:	Crawford Township V.F.D. Inc.	Cellular:	(757) 615-2809
Property:	612 Short Cut Road Maple, NC 27956		
Business:	121 Shawboro Road Moyock, NC 27958		
Claim Rep.:	Amy Stayrook		
Estimator:	Roy Mobley	Business:	(252) 799-6340
Business:	5656 NC Hwy 125 Oak City, NC 27857	E-mail:	wrmobley@hotmail.com
Reference:		Business:	(717) 747-7051
Company:	Glatfelter Claims Management Inc.		
Business:	183 Leader Heights Road York , PA 17405-5126		

Claim Number: NCTR217041124-00001 **Policy Number:** VFISTR2056337-09 **Type of Loss:** Physcial Damage

Date Contacted:	4/26/2017		
Date of Loss:	4/24/2017	Date Received:	4/25/2017
Date Inspected:	4/28/2017	Date Entered:	5/2/2017
Price List:	NCEC7X_APR17 Restoration/Service/Remodel		
Estimate:	MAS-17013-LOC-1-1-R		

*The estimated scope of damages in this estimate are based on the actual damages viewed by **Mobley Adjusting Service** at the time of the inspection. This estimate does not include repairs for any hidden damages that may be discovered during the restoration process. The prices in this estimate are based on Xactimate pricing for the zip code of the loss location. This estimate is not authorization for repairs. The hiring of a contractor is strictly the decision of the policyholder. The estimate will need final approval by your Insurance Carrier. No Adjuster has the authority to authorize repairs or guarantee payment. If loss for this claim exceeds the deductible, payment of claim will follow shortly and may include your mortgagee as co-payee on check.*

Attachment: MAPLE STATION (1901 : Request to approve capital purchases for Crawford VFD due to third part vehicle accident)

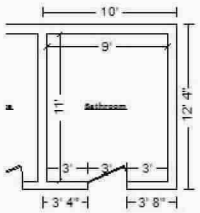
Mobley Adjusting Service

5656 NC Hwy 125
Oak City NC. 27857
(252) 799-6340
wrmobley@hotmail.com

MAS-17013-LOC-1-1-R

Fire Station

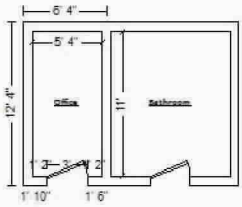
Fire Station



Bathroom **Height: 8'**

320.00	SF Walls	99.00	SF Ceiling
419.00	SF Walls & Ceiling	99.00	SF Floor
11.00	SY Flooring	40.00	LF Floor Perimeter
40.00	LF Ceil. Perimeter		

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
1. Caulking - silicone	40.00 LF	0.00	1.48	59.20
This is and allowance to apply caulking around the ceiling trim.				
2. Paint crown molding, oversized - two coats	40.00 LF	0.00	0.91	36.40
3. Mask and prep for paint - paper and tape (per LF)	40.00 LF	0.00	0.46	18.40
4. Final cleaning - construction - Commercial	99.00 SF	0.00	0.12	11.88
Totals: Bathroom				125.88



Office **Height: 8'**

261.33	SF Walls	58.67	SF Ceiling
320.00	SF Walls & Ceiling	58.67	SF Floor
6.52	SY Flooring	32.67	LF Floor Perimeter
32.67	LF Ceil. Perimeter		

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
5. Fluorescent light fixture - 2' & 4' - Detach & reset	1.00 EA	0.00	60.76	60.76
6. Remove Sheathing - plywood - 1/2" CDX	58.67 SF	0.44	0.00	25.81
7. Sheathing - plywood - 1/2" CDX	261.33 SF	0.00	1.30	339.73
This is to replace the damaged ceiling.				
8. Seal/prime then paint the ceiling (2 coats)	58.67 SF	0.00	0.57	33.44

Attachment: MAPLE STATION (1901 : Request to approve capital purchases for Crawford VFD due to third part vehicle accident)

Mobley Adjusting Service

5656 NC Hwy 125
Oak City NC. 27857
(252) 799-6340
wrmobley@hotmail.com

CONTINUED - Office

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
9. Remove Trim board - 1" x 2" - installed (redwood)	32.67 LF	0.29	0.00	9.47
10. Trim board - 1" x 2" - installed (redwood)	32.67 LF	0.00	2.31	75.47
11. Caulking - silicone	32.67 LF	0.00	1.48	48.35
This is and allowance to apply caulking around the ceiling trim.				
12. Seal & paint trim - two coats	32.67 LF	0.00	0.83	27.12
13. Mask and prep for paint - paper and tape (per LF)	32.67 LF	0.00	0.46	15.03
14. Seal/prime then paint the walls (2 coats)	261.33 SF	0.00	0.57	148.96
15. Remove Cabinetry - upper (wall) units	8.00 LF	5.84	0.00	46.72
16. Cabinetry - upper (wall) units	8.00 LF	0.00	154.10	1,232.80
17. Remove Custom Countertop - flat laid plastic laminate desk	6.00 LF	3.36	0.00	20.16
18. Custom Countertop - flat laid plastic laminate - desk	6.00 LF	0.00	70.06	420.36
19. Remove Shelving - 12" - in place - stain grade	2.00 LF	0.29	0.00	0.58
20. Shelving - 12" - in place - stain grade	2.00 LF	0.00	9.48	18.96
21. Stain & finish wall shelf	2.00 LF	0.00	0.93	1.86
22. Electrical - Labor Minimum	1.00 EA	0.00	312.53	312.53
This is an allowance to remove and reset electrical items on the interior.				
23. Paint door slab only - 2 coats (per side)	2.00 EA	0.00	22.66	45.32
24. Paint door trim & jamb - 2 coats (per side)	2.00 EA	0.00	18.48	36.96
25. Final cleaning - construction - Commercial	58.67 SF	0.00	0.12	7.04
Totals: Office				2,927.43
Total: Fire Station				3,053.31

Exterior

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
26. Remove Siding - hardboard panel - paint grade	32.00 SF	0.23	0.00	7.36

Attachment: MAPLE STATION (1901 : Request to approve capital purchases for Crawford VFD due to third part vehicle accident)

Mobley Adjusting Service

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CONTINUED - Exterior

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
27. Siding - hardboard panel - paint grade	32.00 SF	0.00	3.71	118.72
This is to remove and replace the T-111 eave trim.				
28. Remove Trim board - 1" x 2" - installed (redwood)	12.00 LF	0.29	0.00	3.48
29. Trim board - 1" x 2" - installed (redwood)	12.00 LF	0.00	2.31	27.72
This is for the trim board for the T-111 siding and the soffit.				
30. Electrical - Labor Minimum	1.00 EA	0.00	312.53	312.53
This is an allowance to remove and reset electrical items on the exterior.				
31. Temporary shoring post - Screw jack (per day)	20.00 DA	0.00	32.18	643.60
This is for (4) Screw jacks for (5) days to lift the roof system to remove the damaged block.				
32. Cribbing material for shoring (allowance)	1.00 EA	0.00	150.00	150.00
Allowance for additional cribbing materials to shore up the building to remove the damaged block column.				
33. Gutters - Detach & reset	18.00 LF	0.00	1.93	34.74
34. Downspout - Detach & reset	10.00 LF	0.00	1.93	19.30
35. Remove Soffit - wood	30.00 SF	0.23	0.00	6.90
36. Soffit - wood	30.00 SF	0.00	3.21	96.30
37. Remove Block - 8" x 8" x 16" - in place - reinforced	64.00 SF	2.35	0.00	150.40
38. Block - 8" x 8" x 16" - in place - reinforced	64.00 SF	0.00	8.00	512.00
39. Add for pre-fabricated wire reinforcing, 8"	64.00 LF	0.00	0.32	20.48
40. Mason - per hour	12.00 HR	0.00	44.97	539.64
This is an allowance to saw cut the blocks to weave the new block in with the original blocks.				
41. Masonry insulation - Vermiculite or Perlite	280.00 SF	0.00	1.47	411.60
42. Masonry acid wash	136.00 SF	0.00	0.39	53.04
This to final clean the block wall to prep for paint.				
43. Cleaning Technician - per hour	8.00 HR	0.00	26.03	208.24
This is an allowance for a final cleaning and to keep the exterior construction area clean during construction.				
44. Painting - Allowance	1.00 EA	0.00	500.00	500.00
This is an allowance to seal and paint the repaired areas, paint the soffit, eave trim and blend with the rear elevation original paint.				

Totals: Exterior 3,816.05

Attachment: MAPLE STATION (1901 : Request to approve capital purchases for Crawford VFD due to third part vehicle accident)

Mobley Adjusting Service

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HVAC

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
45. Remove Packaged gas furnace & A/C unit - 5 ton 14-16 SEER	1.00 EA	216.73	0.00	216.73
46. Packaged gas furnace & A/C unit - 5 ton 14-16 SEER	1.00 EA	0.00	6,582.35	6,582.35
47. Central air cond. system - refrigerant evacuation	1.00 EA	0.00	131.21	131.21
48. LP Gas connection - Allowance	1.00 EA	0.00	250.00	250.00
This is an allowance for the local Gas Company to connect the gas line to the new HVAC unit and test.				
49. Electrical connection- Allowance	1.00 EA	0.00	250.00	250.00
This is an allowance for the Electrician to connect the power to the new HVAC unit and test.				
50. Remove Ductwork - hot or cold air - Large size	20.00 LF	1.17	0.00	23.40
51. Ductwork - hot or cold air - Large size	20.00 LF	0.00	44.22	884.40
Totals: HVAC				8,338.09

Code Upgrade for HVAC

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
52. Framing & Rough Carpentry (Bid Item)	1.00 EA	0.00	475.00	475.00
This is for the treated platform to elevate the new HVAC unit per code.				
53. Framing - Allowance to install the treated platform for the HVAC unit.	1.00 EA	0.00	250.00	250.00
This is an allowance to install the treated platform to elevate the HVAC unit 3 feet up from the ground. This is a flood code requirement.				
Totals: Code Upgrade for HVAC				725.00

Permit Fees

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
54. Permits & fees (Bid Item)	1.00 EA	0.00	155.00	155.00
This is per the Insured's Contractor.				

Attachment: MAPLE STATION (1901 : Request to approve capital purchases for Crawford VFD due to third part vehicle accident)

Mobley Adjusting Service

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CONTINUED - Permit Fees

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
Totals: Permit Fees				155.00

Temporary Repairs

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
55. General Laborer - per hour	8.00 HR	0.00	23.45	187.60
This is an allowance for (4) members at (2) hours each to board up the damaged building to prevent intrusion. (No O & P applied for this line item).				
Totals: Temporary Repairs				187.60

Debris Removal

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
56. Dumpster load - Approx. 20 yards, 4 tons of debris	1.00 EA	550.00	0.00	550.00
This is an allowance to remove the construction debris from the premise. This amount includes landfill fees.				
Totals: Debris Removal				550.00
Total: Fire Station				16,825.05
Line Item Totals: MAS-17013-LOC-1-1-R				**16,825.05**

Grand Total Areas:

581.33	SF Walls	157.67	SF Ceiling	739.00	SF Walls and Ceiling
157.67	SF Floor	17.52	SY Flooring	72.67	LF Floor Perimeter
0.00	SF Long Wall	0.00	SF Short Wall	72.67	LF Ceil. Perimeter
157.67	Floor Area	201.44	Total Area	581.33	Interior Wall Area
516.00	Exterior Wall Area	57.33	Exterior Perimeter of Walls		
0.00	Surface Area	0.00	Number of Squares	0.00	Total Perimeter Length
0.00	Total Ridge Length	0.00	Total Hip Length		

Attachment: MAPLE STATION (1901 : Request to approve capital purchases for Crawford VFD due to third part vehicle accident)

Mobley Adjusting Service

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wrmobley@hotmail.com

Summary for Fire Station

Line Item Total			16,825.05
Overhead	@	10.0%	1,663.75
Profit	@	10.0%	1,663.75
Replacement Cost Value			**$20,152.55**
Less Deductible			(250.00)
Net Claim			**$19,902.55**

Roy Mobley

Attachment: MAPLE STATION (1901 : Request to approve capital purchases for Crawford VFD due to third part vehicle accident)

Glatfelter Claims Management, Inc.

183 Leader Heights Road • P.O. Box 5126 • York, Pennsylvania 17405-9792
(717) 741-0911 • (800) 233-1957 • Fax (717) 747-7051 • CA License # 2D89880

VFIS
A Division of Glatfelter Insurance Group

PERSONAL PROPERTY CLAIM WORKSHEET

"Personal property" means all property used in your "operations", other than "real property", including but not limited to furnishings and equipment, building contents, "hardware", communications systems, base stations and dispatching systems.

Insured: Crawford Township Volunteer Fire Departme
Claim #: NCTR217041124-00001

Prepared By: Roy Mobley
Date Prepared: 05/08/17
Date of Loss: 04/24/17

Item Description	Qty	Unit	Age	Comments	Unit Price	Total
Symphonic VCR 4 Head Model: VR-501	1			LKQ on line source Amazon; Sony SLV-D35OP VCR	$100.00	$100.00
2 Slice toaster; Continental; Model: CE23411	1			LKQ on line source Walmart; Item # 561088311	$12.88	$12.88
Lexmark P 3150 Printer; Model: 4477-001	1			LKQ online source Best Buy; SKU # 7797168	$199.99	$199.99
Bunn Coffee maker Model: UPR W/G	1			LKQ online source Walmart	$270.80	$270.80
Dell CPU Tower	1			LKQ online source Best Buy; SKU # 5775302	$429.99	$429.99
Dell 17 inch monitor	1			LKQ online source Best Buy; SKU # 1097412	$119.99	$119.99
Dell Keyboard	1			LKQ online source Best Buy; SKU # 5713189	$36.99	$36.99
Data and software Transfer	1			Allowance to set up computer and remove software and files from damaged computer	$125.00	$125.00
Canon Printer F13400	1			LKQ online source Best Buy; SKU # 5593503	$189.99	$189.99
LP Gas loss	1			Approximatley 100 gallons @ $2.08 per gallon . This is per Coastal Gas Service.	$208.00	$208.00

Remarks:

Grand Total:	$1,693.63
Less Deductible:	-
Net Claim:	$1,693.63
Less Prior Payments:	-
Net Claim Owed:	**$1,693.63**

Attachment: MAPLE STATION (1901 : Request to approve capital purchases for Crawford VFD due to third part vehicle accident)

Mobley Adjusting Service

5656 NC Hwy 125
Oak City NC. 27857
(252) 799-6340
wrmobley@hotmail.com

Insured:	Crawford Township V.F.D. Inc.	Cellular:	(757) 615-2809
Property:	612 Short Cut Road Maple, NC 27956		
Business:	121 Shawboro Road Moyock, NC 27958		
Claim Rep.:	Amy Stayrook		
Estimator:	Roy Mobley	Business:	(252) 799-6340
Business:	5656 NC Hwy 125 Oak City, NC 27857	E-mail:	wrmobley@hotmail.com
Reference:		Business:	(717) 747-7051
Company:	Glatfelter Claims Management Inc.		
Business:	183 Leader Heights Road York , PA 17405-5126		

Claim Number: NCTR217041124-00001 **Policy Number:** VFISTR2056337-09 **Type of Loss:** Physcial Damage

Date Contacted:	4/26/2017		
Date of Loss:	4/24/2017	Date Received:	4/25/2017
Date Inspected:	4/28/2017	Date Entered:	5/2/2017
Price List:	NCEC7X_APR17 Restoration/Service/Remodel		
Estimate:	MAS-17013-LOC-1-2		

*The estimated scope of damages in this estimate are based on the actual damages viewed by **Mobley Adjusting Service** at the time of the inspection. This estimate does not include repairs for any hidden damages that may be discovered during the restoration process. The prices in this estimate are based on Xactimate pricing for the zip code of the loss location. This estimate is not authorization for repairs. The hiring of a contractor is strictly the decision of the policyholder. The estimate will need final approval by your Insurance Carrier. No Adjuster has the authority to authorize repairs or guarantee payment. If loss for this claim exceeds the deductible, payment of claim will follow shortly and may include your mortgagee as co-payee on check.*

Attachment: MAPLE STATION (1901 : Request to approve capital purchases for Crawford VFD due to third part vehicle accident)

Mobley Adjusting Service

5656 NC Hwy 125
Oak City NC. 27857
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MAS-17013-LOC-1-2

Storage Building

Storage Building

Frame Repairs

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
1. Framing - Allowance	1.00 EA	0.00	525.00	525.00
This is an allowance to repair the damaged corner stud wall framing.				
Totals: Frame Repairs				525.00

Siding

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
2. Remove Siding - hardboard panel - paint grade	64.00 SF	0.23	0.00	14.72
3. Siding - hardboard panel - paint grade	64.00 SF	0.00	3.71	237.44
This is an allowance to remove and replace (2) 4 ft x 8 ft sheets of damaged T-111 siding.				
4. Remove Trim board - 1" x 4" - installed (redwood)	16.00 LF	0.31	0.00	4.96
5. Trim board - 1" x 4" - installed (redwood)	16.00 LF	0.00	3.57	57.12
This is to replace the corner trim.				
Totals: Siding				314.24

Painting

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
6. Painting - Allowance	1.00 EA	0.00	400.00	400.00
This is an allowance to paint the exterior of the building including the trim.				
Totals: Painting				400.00

Attachment: MAPLE STATION (1901 : Request to approve capital purchases for Crawford VFD due to third part vehicle accident)

Mobley Adjusting Service

5656 NC Hwy 125
Oak City NC. 27857
(252) 799-6340
wrmobley@hotmail.com

Debris Removal

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
7. Haul debris - per pickup truck load - including dump fees	1.00 EA	116.13	0.00	116.13

This is an allowance to remove the construction debris from the premise. This amount includes landfill fees.

Totals: Debris Removal	116.13
Total: Storage Building	1,355.37
Total: Storage Building	1,355.37
Line Item Totals: MAS-17013-LOC-1-2	**1,355.37**

Attachment: MAPLE STATION (1901 : Request to approve capital purchases for Crawford VFD due to third part vehicle accident)

Mobley Adjusting Service

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Oak City NC. 27857
(252) 799-6340
wrmobley@hotmail.com

Summary for Other Structures

Line Item Total			1,355.37
Overhead	@	10.0%	135.53
Profit	@	10.0%	135.53
Replacement Cost Value			**$1,626.43**
Net Claim			**$1,626.43**

Roy Mobley

Attachment: MAPLE STATION (1901 : Request to approve capital purchases for Crawford VFD due to third part vehicle accident)

Glatfelter Claims Management, Inc.

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(717) 741-0911 • (800) 233-1957 • Fax (717) 747-7051 • CA License # 2D89880

VFIS
A Division of Glatfelter Insurance Group

PORTABLE EQUIPMENT CLAIM WORKSHEET

"Portable Equipment" means portable firefighting, ambulance, or rescue related equipment and portable communications equipment commonly used in fire and rescue operations away from your premises.

Insured: Crawford Township V.F.D. Inc.
Claim No.: NCTR217041124-00001

Prepared By: Roy Mobley
Date Completed: 05/09/17
Date of Loss: 04/24/17

Item Description	Qty	Unit	Age	Comments	Unit Price	Total
Portable Light Tower (4) lights	1			LKQ replacement from Blue Line Rental for a GENIE RL4 vertical mast with 4000 watt (4) lamp light tower. 757-647-7153	$ 8,119.51	$ 8,119.51
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -

Remarks:

Grand Total:	$ 8,119.51
Less Deductible:	-
Net Claim:	$ 8,119.51
Less Prior Payments:	-
Net Claim Owed:	**$8,119.51**

Attachment: MAPLE STATION (1901 : Request to approve capital purchases for Crawford VFD due to third part vehicle accident)

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VFIS
A Division of Glatfelter Insurance Group

VEHICLE STOCK WORKSHEET

"Parts and accessories used for vehicles" , including tires, batteries, mobile radios, light bars etc.

Insured: Crawford Township Volunteer Fire Departme
Claim #: NCTR217041124-00001

Prepared By: Roy Mobley
Date Prepared: 05/08/17
Date of Loss: 04/24/17

Item Description	Qty	Unit	Age	Comments	Unit Price	Total
Utility Truck body	1			Allowance for the utlity truck body that was damaged. Agreed price of $1,000.00 with Insured.	$1,000.00	$1,000.00

Remarks:

Grand Total:	$1,000.00
Less Deductible:	-
Net Claim:	$1,000.00
Less Prior Payments:	-
Net Claim Owed:	**$1,000.00**

Attachment: MAPLE STATION (1901 : Request to approve capital purchases for Crawford VFD due to third part vehicle accident)

KITTY HAWK ENGINEERING
CIVIL AND STRUCTURAL

2036 Creek Rd
Kitty Hawk, NC 27949
252-655-1056
kittyhawk@kittyhawkengineering.com
www.kittyhawkengineering.com

SOUTHERN SHORES POLICE DEPARTMENT
STRUCTURAL ACCIDENT REPORT AND FORENSIC INVESTIGATION
INVOICE
05/5/2017

To:
Tim Walters
Assistant Fire Chief
Crawford Township
Station 4 Maple Station
620 Shortcut Rd.
Barco, NC 27917
757-615-2809
twalter@katchmark.com

Detailed Description/Scope of Work:	
Crawford Township Volunteer Fire Department Forensic Investigation and Structural Damage Report	$880

Total:	$880

Tax ID # 46-4006617

Barrett Crook, PE, LEED AP
Kitty Hawk Engineering, PLLC
2036 Creek Road
Kitty Hawk, NC 27949
252-655-1056
barrettcrook@kittyhawkengineering.com
http://www.kittyhawkengineering.com/

Attachment: MAPLE STATION (1901 : Request to approve capital purchases for Crawford VFD due to third part vehicle accident)

#25914

Req # 25

5.B.10.a

CRI CARR RIGGS & INGRAM
CPAs and Advisors

Carr, Riggs & Ingram, LLC
3105 Trent Road
New Bern, North Carolina 2856

Mailing Address:
P.O. Box 1547
New Bern, North Carolina 2856

(252) 633-5821
(252) 633-0199 (fax)
www.cricpa.com

May 4, 2017

Ms. Sandra Hill
Finance Officer
Currituck County
153 Courthouse Road, Suite 101
Currituck, NC 27929

We are enclosing our Audit Engagement Letter and the Contracts for the audit of your financial records for the fiscal year ending June 30, 2017, which needs to be signed and returned.

Please sign the audit engagement letter and contract as finance officer and have a representative of the board sign and return to us so that we might submit this to the Local Government Commission for approval. Also, please note the date of board approval on page 5 of the contract.

We appreciate the opportunity to work with you and your staff this year.

Yours very truly,

Carr, Riggs & Ingram, L.L.C.

Attachment: CRI FY 2017 (1902 : Approval of Audit Contract for FY 2017)

CRI CARR RIGGS & INGRAM
CPAs and Advisors

Carr, Riggs & Ingram, LLC
3105 Trent Road
New Bern, North Carolina 2856

Mailing Address:
P.O. Box 1547
New Bern, North Carolina 2856

(252) 633-5821
(252) 633-0199 (fax)
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May 4, 2017

Ms. Sandra Hill
Finance Officer
Currituck County
153 Courthouse Road, Suite 101
Currituck, NC 27929

We are pleased to confirm our understanding of the services we are to provide Currituck County for the year ended June 30, 2017. We will audit the financial statements of the governmental activities, the business-type activities, the aggregate discretely presented component units, each major fund, and the aggregate remaining fund information, including the related notes to the financial statements, which collectively comprise the basic financial statements, of Currituck County as of and for the year ended June 30, 2017. Accounting standards generally accepted in the United States of America provide for certain required supplementary information (RSI), such as management's discussion and analysis (MD&A), to supplement Currituck County's basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. As part of our engagement, we will apply certain limited procedures to Currituck County's RSI in accordance with auditing standards generally accepted in the United States of America. These limited procedures will consist of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We will not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance. The following RSI is required by generally accepted accounting principles and will be subjected to certain limited procedures, but will not be audited:

1) Management's Discussion and Analysis
2) Law Enforcement Officers' Special Separation Allowance Schedule of Funding Progress and Schedule of Employer Contributions
3) Other Postemployment Benefits Schedule of Funding Progress and Schedule of Employer Contributions
4) Local Government Employee's Retirement System Schedules of County's Proportionate Share of Net Pension Liability and County Contributions
5) Register of Deeds' Supplemental Pension Fund Schedule of the County's Proportionate Share of the Net Pension Asset and Schedule of County Contributions
6) Firefighters' and Rescue Squad Workers' Pension Fund Schedule of the County's Proportionate Share of the Net Pension Liability

We have also been engaged to report on supplementary information other than RSI that accompanies Currituck County's financial statements. We will subject the following supplementary information to the auditing procedures applied in our audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America, and we will provide an opinion on it in relation to the financial statements as a whole, in a report combined with our auditor's report on the financial statements:

1) Schedule of Expenditures of Federal and State Awards
2) Combining and Individual Fund Statements
3) Budgetary Schedules

Attachment: CRI FY 2017 (1902 : Approval of Audit Contract for FY 2017)

The following other information accompanying the financial statements will not be subjected to the auditing procedures applied in our audit of the financial statements, and our auditor's report will not provide an opinion or any assurance on that other information.

1) Introductory Section of the CAFR

2) Statistical Section of the CAFR

Audit Objectives

The objective of our audit is the expression of opinions as to whether your financial statements are fairly presented, in all material respects, in conformity with U.S. generally accepted accounting principles and to report on the fairness of the supplementary information referred to in the second paragraph when considered in relation to the financial statements as a whole. The objective also includes reporting on—

- Internal control related to the financial statements and compliance with the provisions of laws, regulations, contracts, and award agreements, noncompliance with which could have a material effect on the financial statements in accordance with *Government Auditing Standards*.
- Internal control over compliance related to major programs and an opinion (or disclaimer of opinion) on compliance with federal statutes, regulations, and the terms and conditions of federal awards that could have a direct and material effect on each major program in accordance with the Single Audit Act Amendments of 1996 and Title 2 U.S. *Code of Federal Regulations* (CFR) Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance).

The *Government Auditing Standards* report on internal control over financial reporting and on compliance and other matters will include a paragraph that states that (1) the purpose of the report is solely to describe the scope of testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance, and (2) the report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. The Uniform Guidance report on internal control over compliance will include a paragraph that states that the purpose of the report on internal control over compliance is solely to describe the scope of testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Both reports will state that the report is not suitable for any other purpose.

Our audit will be conducted in accordance with auditing standards generally accepted in the United States of America; the standards for financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; the Single Audit Act Amendments of 1996; and the provisions of the Uniform Guidance, and will include tests of accounting records, a determination of major program(s) in accordance with the Uniform Guidance, and other procedures we consider necessary to enable us to express such opinions. We will issue written reports upon completion of our Single Audit. Our reports will be addressed to the Board of Commissioners of Currituck County. We cannot provide assurance that unmodified opinions will be expressed. Circumstances may arise in which it is necessary for us to modify our opinions or add emphasis-of-matter or other-matter paragraphs. If our opinions on the financial statements or the Single Audit compliance opinions are other than unmodified, we will discuss the reasons with you in advance. If, for any reason, we are unable to complete the audit or are unable to form or have not formed opinions, we may decline to express opinions or issue reports, or may withdraw from this engagement.

Audit Procedures—General

An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements; therefore, our audit will involve judgment about the number of transactions to be examined and the areas to be tested. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements. We will plan and perform the audit to obtain reasonable rather than absolute assurance about whether the financial statements are free of material misstatement, whether from (1) errors, (2) fraudulent financial reporting, (3) misappropriation of assets, or (4) violations of laws or governmental regulations that are attributable to the government or to acts by management or employees acting on behalf of the government. Because the determination of abuse is subjective, *Government Auditing Standards* do not expect auditors to provide reasonable assurance of detecting abuse.

Attachment: CRI FY 2017 (1902 : Approval of Audit Contract for FY 2017)

Because of the inherent limitations of an audit, combined with the inherent limitations of internal control, and because we will not perform a detailed examination of all transactions, there is a risk that material misstatements or noncompliance may exist and not be detected by us, even though the audit is properly planned and performed in accordance with U.S. generally accepted auditing standards and *Government Auditing Standards.* In addition, an audit is not designed to detect immaterial misstatements or violations of laws or governmental regulations that do not have a direct and material effect on the financial statements or major programs. However, we will inform the appropriate level of management of any material errors, any fraudulent financial reporting, or misappropriation of assets that come to our attention. We will also inform the appropriate level of management of any violations of laws or governmental regulations that come to our attention, unless clearly inconsequential, and of any material abuse that comes to our attention. We will include such matters in the reports required for a Single Audit. Our responsibility as auditors is limited to the period covered by our audit and does not extend to any later periods for which we are not engaged as auditors.

Our procedures will include tests of documentary evidence supporting the transactions recorded in the accounts, and may include tests of the physical existence of inventories, and direct confirmation of receivables and certain other assets and liabilities by correspondence with selected individuals, funding sources, creditors, and financial institutions. We will request written representations from your attorneys as part of the engagement, and they may bill you for responding to this inquiry. At the conclusion of our audit, we will require certain written representations from you about your responsibilities for the financial statements; schedule of expenditures of federal awards; federal award programs; compliance with laws, regulations, contracts, and grant agreements; and other responsibilities required by generally accepted auditing standards.

Audit Procedures—Internal Control

Our audit will include obtaining an understanding of the government and its environment, including internal control, sufficient to assess the risks of material misstatement of the financial statements and to design the nature, timing, and extent of further audit procedures. Tests of controls may be performed to test the effectiveness of certain controls that we consider relevant to preventing and detecting errors and fraud that are material to the financial statements and to preventing and detecting misstatements resulting from illegal acts and other noncompliance matters that have a direct and material effect on the financial statements. Our tests, if performed, will be less in scope than would be necessary to render an opinion on internal control and, accordingly, no opinion will be expressed in our report on internal control issued pursuant to *Government Auditing Standards*.

As required by the Uniform Guidance, we will perform tests of controls over compliance to evaluate the effectiveness of the design and operation of controls that we consider relevant to preventing or detecting material noncompliance with compliance requirements applicable to each major federal award program. However, our tests will be less in scope than would be necessary to render an opinion on those controls and, accordingly, no opinion will be expressed in our report on internal control issued pursuant to the Uniform Guidance.

An audit is not designed to provide assurance on internal control or to identify significant deficiencies or material weaknesses. However, during the audit, we will communicate to management and those charged with governance internal control related matters that are required to be communicated under AICPA professional standards, *Government Auditing Standards*, and the Uniform Guidance.

Audit Procedures—Compliance

As part of obtaining reasonable assurance about whether the financial statements are free of material misstatement, we will perform tests of Currituck County's compliance with provisions of applicable laws, regulations, contracts, and agreements, including grant agreements. However, the objective of those procedures will not be to provide an opinion on overall compliance and we will not express such an opinion in our report on compliance issued pursuant to *Government Auditing Standards*.

The Uniform Guidance requires that we also plan and perform the audit to obtain reasonable assurance about whether the auditee has complied with federal statutes, regulations, and the terms and conditions of federal awards applicable to major programs. Our procedures will consist of tests of transactions and other applicable procedures described in the *OMB Compliance Supplement* for the types of compliance requirements that could have a direct and material effect on each of Currituck County's major programs. The purpose of these procedures will be to express an opinion on Currituck County's compliance with requirements applicable to each of its major programs in our report on compliance issued pursuant to the Uniform Guidance.

Attachment: CRI FY 2017 (1902 : Approval of Audit Contract for FY 2017)

Other Services

We will also assist in preparing the financial statements, schedule of expenditures of federal awards, and related notes of Currituck County in conformity with U.S. generally accepted accounting principles and the Uniform Guidance based on information provided by you. These nonaudit services do not constitute an audit under *Government Auditing Standards* and such services will not be conducted in accordance with *Government Auditing Standards*. We will perform the services in accordance with applicable professional standards. The other services are limited to the financial statements, schedule of expenditures of federal awards, and related notes services previously defined. We, in our sole professional judgment, reserve the right to refuse to perform any procedure or take any action that could be construed as assuming management responsibilities.

Management Responsibilities

Management is responsible for (1) designing, implementing, and maintaining effective internal controls, including internal controls over federal awards, and for evaluating and monitoring ongoing activities to help ensure that appropriate goals and objectives are met; (2) following laws and regulations; (3) ensuring that there is reasonable assurance that government programs are administered in compliance with compliance requirements; and (4) ensuring that management and financial information is reliable and properly reported. Management is also responsible for implementing systems designed to achieve compliance with applicable laws, regulations, contracts, and grant agreements. You are also responsible for the selection and application of accounting principles; for the preparation and fair presentation of the financial statements, schedule of expenditures of federal awards, and all accompanying information in conformity with U.S. generally accepted accounting principles; and for compliance with applicable laws and regulations (including federal statutes) and the provisions of contracts and grant agreements (including award agreements).

Management is also responsible for making all financial records and related information available to us and for the accuracy and completeness of that information. You are also responsible for providing us with (1) access to all information of which you are aware that is relevant to the preparation and fair presentation of the financial statements, (2) access to personnel, accounts, books, records, supporting documentation, and other information as needed to perform an audit under the Uniform Guidance, (3) additional information that we may request for the purpose of an audit, and (4) unrestricted access to persons within the government from whom we determine it necessary to obtain audit evidence.

Your responsibilities include adjusting the financial statements to correct material misstatements and confirming to us in the management representation letter that the effects of any uncorrected misstatements aggregated by us during the current engagement and pertaining to the latest period presented are immaterial, both individually and in the aggregate, to the financial statements taken as a whole.

You are responsible for the design and implementation of programs and controls to prevent and detect fraud, and for informing us about all known or suspected fraud affecting the government involving (1) management, (2) employees who have significant roles in internal control, and (3) others where the fraud could have a material effect on the financial statements. Your responsibilities include informing us of your knowledge of any allegations of fraud or suspected fraud affecting the government received in communications from employees, former employees, grantors, regulators, or others. In addition, you are responsible for identifying and ensuring that the government complies with applicable laws, regulations, contracts, agreements, and grants. Management is also responsible for taking timely and appropriate steps to remedy fraud and noncompliance with provisions of laws, regulations, contracts, and grant agreements, or abuse that we report. Additionally, as required by the Uniform Guidance, it is management's responsibility to evaluate and monitor noncompliance with federal statues, regulations, and the terms and conditions of federal awards; take prompt action when instances of noncompliance are identified including noncompliance identified in audit findings; promptly follow up and take corrective action on reported audit findings; and prepare a summary schedule of prior audit findings and a separate corrective action plan. The summary schedule of prior audit findings should be available for our review on 7/10/2017.

You are responsible for identifying all federal awards received and understanding and complying with the compliance requirements and for the preparation of the schedule of expenditures of federal awards (including notes and noncash assistance received) in conformity with the Uniform Guidance. You agree to include our report on the schedule of expenditures of federal awards in any document that contains and indicates that we have reported on the schedule of expenditures of federal awards. You also agree to include the audited financial statements with any presentation of the schedule of expenditures of federal awards that includes our report thereon. Your responsibilities include acknowledging to us in the written representation letter that (1) you are responsible for presentation of the schedule of expenditures of federal awards in accordance with the Uniform Guidance; (2) you believe the schedule of expenditures of federal awards, including its form and content, is stated

Attachment: CRI FY 2017 (1902 : Approval of Audit Contract for FY 2017)

fairly in accordance with the Uniform Guidance; (3) the methods of measurement or presentation have not changed from those used in the prior period (or, if they have changed, the reasons for such changes); and (4) you have disclosed to us any significant assumptions or interpretations underlying the measurement or presentation of the schedule of expenditures of federal awards.

You are also responsible for the preparation of the other supplementary information, which we have been engaged to report on, in conformity with U.S. generally accepted accounting principles. You agree to include our report on the supplementary information in any document that contains and indicates that we have reported on the supplementary information. You also agree to include the audited financial statements with any presentation of the supplementary information that includes our report thereon. Your responsibilities include acknowledging to us in the written representation letter that (1) you are responsible for presentation of the supplementary information in accordance with GAAP; (2) you believe the supplementary information, including its form and content, is fairly presented in accordance with GAAP; (3) the methods of measurement or presentation have not changed from those used in the prior period (or, if they have changed, the reasons for such changes); and (4) you have disclosed to us any significant assumptions or interpretations underlying the measurement or presentation of the supplementary information.

Management is responsible for establishing and maintaining a process for tracking the status of audit findings and recommendations. Management is also responsible for identifying and providing report copies of previous financial audits, attestation engagements, performance audits, or other studies related to the objectives discussed in the Audit Objectives section of this letter. This responsibility includes relaying to us corrective actions taken to address significant findings and recommendations resulting from those audits, attestation engagements, performance audits, or studies. You are also responsible for providing management's views on our current findings, conclusions, and recommendations, as well as your planned corrective actions, for the report, and for the timing and format for providing that information.

You agree to assume all management responsibilities relating to the financial statements, schedule of expenditures of federal awards, related notes, and any other nonaudit services we provide. You will be required to acknowledge in the management representation letter our assistance with preparation of the financial statements, schedule of expenditures of federal awards, and related notes and that you have reviewed and approved the financial statements, schedule of expenditures of federal awards, and related notes prior to their issuance and have accepted responsibility for them. Further, you agree to oversee the nonaudit services by designating an individual, preferably from senior management, with suitable skill, knowledge, or experience; evaluate the adequacy and results of those services; and accept responsibility for them.

Engagement Administration, Fees, and Other

We understand that your employees will prepare all cash, accounts receivable, or other confirmations we request and will locate any documents selected by us for testing.

At the conclusion of the engagement, we will complete the appropriate sections of the Data Collection Form that summarizes our audit findings. It is management's responsibility to submit the reporting package (including financial statements, schedule of expenditures of federal awards, summary schedule of prior audit findings, auditors' reports, and corrective action plan) along with the Data Collection Form to the federal audit clearinghouse. We will coordinate with you the electronic submission and certification. The Data Collection Form and the reporting package must be submitted within the earlier of 30 days after receipt of the auditors' reports or nine months after the end of the audit period. unless a longer period is agreed to in advance by the cognizant or oversight agency for audits.

We will provide copies of our reports to the county; however, management is responsible for distribution of the reports and the financial statements. Unless restricted by law or regulation, or containing privileged and confidential information, copies of our reports are to be made available for public inspection.

The audit documentation for this engagement is the property of Carr, Riggs, and Ingram, LLC and constitutes confidential information. However, subject to applicable laws and regulations, audit documentation and appropriate individuals will be made available upon request and in a timely manner to grantor agencies or its designee, a federal agency providing direct or indirect funding, or the U.S. Government Accountability Office for purposes of a quality review of the audit, to resolve audit findings, or to carry out oversight responsibilities. We will notify you of any such request. If requested, access to such audit documentation will be provided under the supervision of Carr, Riggs, and Ingram, LLC personnel. Furthermore, upon request, we may provide copies of selected audit documentation to the aforementioned parties. These parties may intend, or decide, to distribute the copies or information contained therein to others, including other governmental agencies.

Attachment: CRI FY 2017 (1902 : Approval of Audit Contract for FY 2017)

The audit documentation for this engagement will be retained for a minimum of five years after the report release date or for any additional period requested by the grantor agencies. If we are aware that a federal awarding agency, pass-through entity, or auditee is contesting an audit finding, we will contact the party contesting the audit finding for guidance prior to destroying the audit documentation.

We expect to begin our audit on approximately 7/10/2017 and to issue our reports no later than 10/31/2017. Chris Burton, CPA is the engagement partner and is responsible for supervising the engagement and signing the reports or authorizing another individual to sign them.

Our fee for these services will be at our standard hourly rates plus out-of-pocket costs (such as report reproduction, word processing, postage, travel, copies, telephone, etc.) except that we agree that our gross fee, including expenses, will not exceed $46,500. Our standard hourly rates vary according to the degree of responsibility involved and the experience level of the personnel assigned to your audit. Our invoices for these fees will be rendered as work progresses and are payable on presentation. In accordance with our firm policies, work may be suspended if your account becomes 90 days or more overdue and may not be resumed until your account is paid in full. If we elect to terminate our services for nonpayment, our engagement will be deemed to have been completed upon written notification of termination, even if we have not completed our report. You will be obligated to compensate us for all time expended and to reimburse us for all out-of-pocket costs through the date of termination. The above fee is based on anticipated cooperation from your personnel and the assumption that unexpected circumstances will not be encountered during the audit. If significant additional time is necessary, we will discuss it with you and arrive at a new fee estimate before we incur the additional costs.

We appreciate the opportunity to be of service to Currituck County and believe this letter accurately summarizes the significant terms of our engagement. If you have any questions, please let us know. If you agree with the terms of our engagement as described in this letter, please sign the enclosed copy and return it to us.

Very truly yours,

Carr, Riggs & Ingram, L.L.C.

RESPONSE:

This letter correctly sets forth the understanding of Currituck County.

Signature: _____
Title: _____
Date: _____

Attachment: CRI FY 2017 (1902 : Approval of Audit Contract for FY 2017)

LGC-205 (Rev. 2017)

CONTRACT TO AUDIT ACCOUNTS

Of Currituck County
Primary Governmental Unit

Discretely Presented Component Unit (DPCU) if applicable

On this 4th day of May, 2017,

Auditor: Carr, Riggs & Ingram LLC Auditor Mailing Address: P.O. Box 1547

New Bern, NC 28563 Hereinafter referred to as The Auditor

and Board of Commissioners (Governing Board(s)) of Currituck County
(Primary Government)

and _____ : hereinafter referred to as the Governmental Unit(s), agree as follows:
(Discretely Presented Component Unit)

1. The Auditor shall audit all statements and disclosures required by generally accepted accounting principles (GAAP) and additional required legal statements and disclosures of all funds and/or divisions of the Governmental Unit (s) for the period beginning July 1, 2016, and ending June 30, 2017. The non-major combining, and individual fund statements and schedules shall be subjected to the auditing procedures applied in the audit of the basic financial statements and an opinion will be rendered in relation to (as applicable) the governmental activities, the business-type activities, the aggregate DPCUs, each major governmental and enterprise fund, and the aggregate remaining fund information (non-major government and enterprise funds, the internal service fund type, and the fiduciary fund types).

2. At a minimum, the Auditor shall conduct his/her audit and render his/her report in accordance with generally accepted auditing standards. The Auditor shall perform the audit in accordance with *Government Auditing Standards* if required by the State Single Audit Implementation Act, as codified in G.S. 159-34. If required by OMB *Uniform Administration Requirements, Cost Principles, and Audit Requirements for Federal Awards.* (Uniform Guidance) and the State Single Audit Implementation Act, the Auditor shall perform a Single Audit. This audit and all associated audit documentation may be subject to review by Federal and State agencies in accordance with Federal and State laws, including the staffs of the Office of State Auditor (OSA) and the Local Government Commission (LGC). If the audit and auditor communication are found in this review to be substandard, the results of the review may be forwarded to the North Carolina State Board of CPA Examiners (NC CPA Board).

   County and Multi-County Health Departments: The Office of State Auditor will designate certain programs that have eligibility requirements to be considered major programs in accordance with OMB Uniform Guidance for the State of North Carolina. The LGC will notify the auditor and the County and Multi-Health Department of these programs. A County or a Multi-County Health Department may be selected to audit any of these programs as major.

3. If an entity is determined to be a component of another government as defined by the group audit standards - the entity's auditor will make a good faith effort to comply in a timely manner with the requests of the group auditor in accordance with AU-6 §600.41 - §600.42.

4. This contract contemplates an unqualified opinion being rendered. The audit shall include such tests of the accounting records and such other auditing procedures as are considered by the Auditor to be necessary in the circumstances. Any limitations or restrictions in scope which would lead to a qualification should be fully explained in an attachment to this contract.

5. If this audit engagement is subject to the standards for audit as defined in *Government Auditing Standards*, 2011 revisions, issued by the Comptroller General of the United States, then by accepting this engagement, the Auditor warrants that he has met the requirements for a peer review and continuing education as specified in *Government*

Attachment: CRI FY 2017 (1902 : Approval of Audit Contract for FY 2017)

Auditing Standards. The Auditor agrees to provide a copy of their most recent peer review report regardless of the date of the prior peer review report to the Governmental Unit and the Secretary of the LGC prior to the execution of the audit contract (See Item 22). **If the audit firm received a peer review rating other than pass**, the Auditor shall not contract with the Governmental Unit without first contacting the Secretary of the LGC for a peer review analysis that may result in additional contractual requirements.

If the audit engagement is not subject to Government Accounting Standards or if financial statements are not prepared in accordance with GAAP and fail to include all disclosures required by GAAP, the Auditor shall provide an explanation as to why in an attachment..

6. It is agreed that time is of the essence in this contract. All audits are to be performed and the report of audit submitted to the State and Local Government Finance Division (SLGFD) within four months of fiscal year end. Audit report is due on: October 31, 2017. If it becomes necessary to amend this due date or the audit fee, an amended contract along with a written explanation of the delay must be submitted to the secretary of the LGC for approval.

7. It is agreed that generally accepted auditing standards include a review of the Governmental Unit's systems of internal control and accounting as same relate to accountability of funds and adherence to budget and law requirements applicable thereto; that the Auditor will make a written report, which may or may not be a part of the written report of audit, to the Governing Board setting forth his findings, together with his recommendations for improvement. That written report must include all matters defined as "significant deficiencies and material weaknesses" in AU-C 265 of the *AICPA Professional Standards (Clarified)*. The Auditor shall file a copy of that report with the Secretary of the LGC.

8. All local government and public authority contracts for audit or audit-related work require the approval of the Secretary of the LGC. This includes annual or special audits, agreed upon procedures related to internal controls, bookkeeping or other assistance necessary to prepare the Governmental Unit's records for audit, financial statement preparation, any finance-related investigations, or any other audit-related work in the State of North Carolina. **Invoices for services rendered under these contracts shall not be paid by the Governmental Unit until the invoice has been approved by the Secretary of the LGC**. (This also includes any progress billings.) [G.S. 159-34 and 115C-447] All invoices for Audit work must be submitted by email in PDF format to the Secretary of the LGC for approval. The invoices must be sent via upload through the current portal address: http://nctreasurer.slgfd.leapfile.net Subject line should read "Invoice – [Unit Name]. The PDF invoice marked 'approved' with approval date will be returned by email to the Auditor to present to the Governmental Unit for payment. Approval is not required on contracts and invoices for system improvements and similar services of a non-auditing nature.

9. In consideration of the satisfactory performance of the provisions of this contract, the Primary Governmental Unit shall pay to the Auditor, upon approval by the Secretary of the LGC, the fee, which includes any cost the Auditor may incur from work paper or peer reviews or any other quality assurance program required by third parties (Federal and State grantor and oversight agencies or other organizations) as required under the Federal and State Single Audit Acts. (**Note: Fees listed on signature pages**.)

10. If the Governmental Unit has outstanding revenue bonds, the Auditor shall include documentation either in the notes to the audited financial statements or as a separate report submitted to the SLGFD along with the audit report, a calculation demonstrating compliance with the revenue bond rate covenant. Additionally, the Auditor should be aware that any other bond compliance statements or additional reports required in the authorizing bond documents need to be submitted to the SLGFD simultaneously with the Governmental Unit's audited financial statements unless otherwise specified in the bond documents.

Attachment: CRI FY 2017 (1902 : Approval of Audit Contract for FY 2017)

Contract to Audit Accounts (cont.) Currituck County
Primary Governmental Unit

Discretely Presented Component Units (DPCU) if applicable

11. After completing the audit, the Auditor shall submit to the Governing Board a written report of audit. This report shall include, but not be limited to, the following information: (a) Management's Discussion and Analysis, (b) the financial statements and notes of the Governmental Unit and all of its component units prepared in accordance with GAAP, (c) supplementary information requested by the client or required for full disclosure under the law, and (d) the Auditor's opinion on the material presented. The Auditor shall furnish the required number of copies of the report of audit to the Governing Board as soon as practical after the close of the accounting period.

12. If the audit firm is required by the NC CPA Board or the Secretary of the LGC to have a pre-issuance review of their audit work, there must be a statement added to the engagement letter specifying the pre-issuance review including a statement that the Governmental Unit will not be billed for the pre-issuance review. The pre-issuance review must be performed **prior** to the completed audit being submitted to the LGC. The pre-issuance report must accompany the audit report upon submission to the LGC.

13. The Auditor shall electronically submit the report of audit to the LGC as a text-based PDF file when (or prior to) submitting the invoice for services rendered. The report of audit, as filed with the Secretary of the LGC, becomes a matter of public record for inspection, review and copy in the offices of the SLGFD by any interested parties. Any subsequent revisions to these reports must be sent to the Secretary of the LGC. These audited financial statements, excluding the Auditors' opinion, may be used in the preparation of official statements for debt offerings, by municipal bond rating services to fulfill secondary market disclosure requirements of the Securities and Exchange Commission and other lawful purposes of the Governmental Unit without subsequent consent of the Auditor. If it is determined by the LGC that corrections need to be made to the Governmental Unit's financial statements they should be provided within three days of notification unless another time frame is agreed to by the LGC.

    If the OSA designates certain programs to be audited as major programs, as discussed in item #2, a turnaround document and a representation letter addressed to the OSA shall be submitted to the LGC.

    The LGC's process for submitting contracts, audit reports and invoices is subject to change. Auditors should use the submission process in effect at the time of submission. The most current instructions will be found on our website: https://www.nctreasurer.com/slg/Pages/Audit-Forms-and-Resources.aspx

14. Should circumstances disclosed by the audit call for a more detailed investigation by the Auditor than necessary under ordinary circumstances, the Auditor shall inform the Governing Board in writing of the need for such additional investigation and the additional compensation required therefore. Upon approval by the Secretary of the LGC, this contract may be varied or changed to include the increased time and/or compensation as may be agreed upon by the Governing Board and the Auditor

15. If an approved contract needs to be varied or changed for any reason, the change must be made in writing, on theAmended LGC-205 contract form and pre-audited if the change includes a change in audit fee. This amended contract needs to be completed in full, including a written explanation of the change, signed and dated by all original parties to the contract, and then must be submitted through the audit contract portal to the Secretary of the LGC for approval. The portal address to upload your amended contract is http://nctreasurer.slgfd.leapfile.net No change shall be effective unless approved by the Secretary of the LGC, the Governing Board, and the Auditor.

16. A copy of the engagement letter, issued by the Auditor and signed by both the Auditor and the Governmental Unit should be attached to the contract, and by reference here becomes part of the contract. In case of conflict between the terms of the engagement letter and the terms of this contract, the terms of this contract will control. Engagement letter terms that conflict with the contract are deemed to be void unless the conflicting terms of this contract are specifically deleted in Item #25 of this contract. Engagement letters containing indemnification clauses will not be approved by the LGC.

Attachment: CRI FY 2017 (1902 : Approval of Audit Contract for FY 2017)

Contract to Audit Accounts (cont.) Currituck County
Primary Governmental Unit

Discretely presented component units if applicable

17. Special provisions should be limited. Please list any special provisions in an attachment.

18. A separate contract should not be made for each division to be audited or report to be submitted. If a DPCU is subject to the audit requirements detailed in the Local Government Budget and Fiscal Control Act and a separate audit report is issued, a separate audit contract is required. If a separate report is not to be issued and the DPCU is included in the primary government audit, the DPCU must be named along with the parent government on this audit contract. Signatures from the DPCU Board chairman and finance officer also must be included on this contract.

19. The contract must be executed, pre-audited, physically signed by all parties including Governmental Unit and Auditor signatures and submitted in PDF format to the Secretary of the LGC. The current portal address to upload your contractual documents is http://nctreasurer.slgfd.leapfile.net Electronic signatures are not accepted at this time. Included with this contract are instructions to submit contracts and invoices for approval as of November 2016. These instructions are subject to change. Please check the NC Treasurer's web site at https://www.nctreasurer.com/slg/Pages/Audit-Forms-and-Resources.aspx for the most recent instructions.

20. The contract is not valid until it is approved by the LGC Secretary. The staff of the LGC shall notify the Governmental Unit and Auditor of contract approval by email. **The audit should not be started before the contract is approved.**

21. There are no other agreements between the parties hereto and no other agreements relative hereto that shall be enforceable unless entered into in accordance with the procedure set out herein and approved by the Secretary of the LGC.

22. **E-Verify**. Auditor **shall comply** with the requirements of NCGS Chapter 64 Article 2. Further, if Auditor utilizes any subcontractor(s), Auditor **shall require** such subcontractor(s) to comply with the requirements of NCGS Chapter 64, Article 2.

23. Contractor hereby certifies that Contractor, and all subcontractors, are not on the Iran Final Divestment List ("List") created by the North Carolina State Treasurer pursuant to N.C.G.S. 147-86.58. Contractor shall not utilize any subcontractor that is identified on the List.

25. All of the above paragraphs are understood and shall apply to this contract, except the following numbered paragraphs shall be deleted: (See Item 16 for clarification).

SIGNATURE PAGES FOLLOW

Attachment: CRI FY 2017 (1902 : Approval of Audit Contract for FY 2017)

Contract to Audit Accounts (cont.) Currituck County
Primary Governmental Unit

Discretely Presented Component Units (DPCU) if applicable

Currituck County **- FEES**

Year-end bookkeeping assistance – [*For audits subject to Government Auditing Standards, this is limited to bookkeeping services permitted by revised Independence Standards*] N/A

Audit $46,500

Preparation of the annual financial Statements N/A

Prior to submission of the completed audited financial report, applicable compliance reports and amended contract (if required) the Auditor may submit invoices for approval for services rendered, not to exceed 75% of the total of the stated fees above. If the current contracted fee is not fixed in total, invoices for services rendered may be approved for up to 75% of the prior year audit fee.

The 75% cap for interim invoice approval for this audit contract is $ 34,875

**** NA if there is to be no interim billing**

Communication regarding audit contract requests for modification or official approvals will be sent to the email addresses provided in the spaces below.

Audit Firm Signature:

Carr, Riggs & Ingram, LLC
Name of Audit Firm

By Chris Burton, CPA
Authorized Audit firm representative name: Type or print

Chris Burton CPA
Signature of authorized audit firm representative

Date 5/23/17

cburton@cricpa.com
Email Address of Audit Firm

Governmental Unit Signatures:

Currituck County
Name of Primary Government

By
Mayor / Chairperson: Type or print name and title

Signature of Mayor/Chairperson of governing board

Date

By N/A
Chair of Audit Committee - Type or print name

******
Signature of Audit Committee Chairperson

Date

*** If Governmental Unit has no audit committee, mark this section "N/A"*

Currituck County

PRE-AUDIT CERTIFICATE: Required by G.S. 159-28 (a)

This instrument has been pre-audited in the manner required by The Local Government Budget and Fiscal Control Act or by the School Budget and Fiscal Control Act. Additionally, the following date is the date this audit contract was approved by the governing body.

By Sandra Hill
Primary Governmental Unit Finance Officer: Type or print name

Primary Government Finance Officer Signature

Date
*(Pre-audit Certificate **must be dated**.)*

sandra.hill@currituckcountync.gov
Email Address of Finance Officer

Date Primary Government Governing Body Approved Audit Contract - G.S. 159-34(a)

Attachment: CRI FY 2017 (1902 : Approval of Audit Contract for FY 2017)

Contract to Audit Accounts (cont.) Currituck County
Primary Governmental Unit

Discretely Presented Component Units (DPCU) if applicable

**** This page to only be completed by Discretely Presented Component Units ****

FEES

Year-end bookkeeping assistance – [*For audits subject to Government Auditing Standards, this is limited to bookkeeping services permitted by revised Independence Standards*] _____

Audit _____

Preparation of the annual financial Statements _____

Prior to submission of the completed audited financial report, applicable compliance reports and amended contract (if required) the Auditor may submit invoices for approval for services rendered, not to exceed 75% of the total of the stated fees above. If the current contracted fee is not fixed in total, invoices for services rendered may be approved for up to 75% of the prior year audit fee.

The 75% cap for interim invoice approval for this audit contract is $ _____

**** NA if there is to be no interim billing**

Communication regarding audit contract requests for modification or official approvals will be sent to the email addresses provided in the spaces below.

DPCU Governmental Unit Signatures:

_____
Name of Discreetly Presented Component Unit

By _____
DPCU Board Chairperson: Type or print name and title

_____
Signature of Chairperson of DPCU governing board

Date _____

By _____
Chair of Audit Committee - Type or print name

_____ **
Signature of Audit Committee Chairperson

Date _____
*** If Governmental Unit has no audit committee, mark this section "N/A"*

PRE-AUDIT CERTIFICATE: Required by G.S. 159-28 (a)

This instrument has been pre-audited in the manner required by The Local Government Budget and Fiscal Control Act or by the School Budget and Fiscal Control Act. Additionally, the following date is the date this audit contract was approved by the governing body.

By _____
DPCU Finance Officer:
Type or print name

_____
DPCU Finance Officer Signature

Date _____
(Pre-audit Certificate ***must be dated.*****)**

_____
Email Address of Finance Officer

Date DPCU Governing Body Approved Audit Contract - G.S. 159-34(a)

_____

Attachment: CRI FY 2017 (1902 : Approval of Audit Contract for FY 2017)

Contract to Audit Accounts (cont.) Currituck County
Primary Governmental Unit

Discretely Presented Component Units (DPCU) if applicable

Steps to Completing the Audit Contract

1. Complete the Header Information – NEW: If a DPCU is subject to the audit requirements as detailed in the Local Government Budget and Fiscal Control Act and a separate audit report is issued, a separate audit contract is required. If a separate report is not issued for the DPCU and is to be included in the Primary Government's audit, the DPCU must be named with the parent government on this Audit contract. The Board chairman of the DPCU also must sign the Audit contract.

2. Item No. 1 – Complete the period covered by the audit

3. Item No. 6 – Fill in the audit due date. For Governmental Unit (s), the contract due date can be no later than 4 months after the end of the fiscal year, even though amended contracts may not be required until a later date.

4. Item No. 8 – If the process for invoice approval instructions changed, the Auditor should make sure he and his administrative staff are familiar with the current process. Instructions for each process can be found at the following link. https://www.nctreasurer.com/slg/Pages/Audit-Forms-and-Resources.aspx

5. Item No. 9 – NEW: Please note that the fee section has been moved to the signature pages, Pages 5 & 6.

6. Item No. 16 – NEW: It is now expected that an engagement letter will be attached to the contract. Has the engagement letter been attached to the contract submitted to the SLGFD?

    a. Do the terms and fees specified in the engagement letter agree with the Audit contract? *"In case of conflict between the terms of the engagement letter and the terms of this contract, the terms of this contract will control."*

    b. Does the engagement letter contain an indemnification clause? **The audit contract will not be approved if there is an indemnification clause – refer to LGC Memo # 986.**

7. Complete the fee section for BOTH the Primary Government and the DPCU (if applicable) on the signature pages, please note:

    - The cap on interim payments is 75% of the current audit fee for services rendered if the contracted fee amount is a fixed amount. If any part of the fee is variable, interim payments are limited to 75% of the prior year's total audit fee. If the contract fee is partially variable, we will compare the authorized interim payment on the contract to 75% of last year's actual approved total audit fee amount according to our records. There is a report of audit fees paid by each governmental unit on our web site: https://www.nctreasurer.com/slg/Pages/Non-Audit-Services-and-Audit-Fees.aspx - Auditors and Audit Fees.
      Please call or email Darrus Cofield at 919-814-4299 darrus.cofield@nctreasurer.com if you have any questions about the fees on this list.

    - For variable fees for services, are the hourly rates or other rates clearly stated in detail? If issued separately in an addendum, has the separate page been acknowledged in writing by the Governmental Unit?

Attachment: CRI FY 2017 (1902 : Approval of Audit Contract for FY 2017)

- For fees for services that are a combination of fixed and variable fees, are the services to be provided for the fixed portion of the fee clearly stated? Are the hourly rates or other rates clearly stated for the variable portion of the fee? (Note: See previous bullet point regarding variable fees.)

- If there is to be no interim billing, please indicate N/A instead of leaving the line blank.

8. Signature Area – There are now 2 Signature Pages: one for the Primary Government and one for the DPCU. Send the page(s) that are applicable to your Unit of Government. Make sure all signatures have been obtained, and properly dated. **The contract must be approved by Governing Boards pursuant to G.S. 159-34(a).** NEW - If this contract includes auditing a DPCU that is a Public Authority under the Local Government Budget and Fiscal Control Act it must be named in this Audit contract and the Board chairperson of the DPCU **must also sign** the Audit contract in the area indicated. If the DPCU has a separate Audit, a separate Audit contract is required for the DPCU.

9. Please place the date the Unit's Governing Board and the DPCU's governing Board (if applicable) approved the audit contract in the space provided.

   a. Please make sure that you provide email addresses for the audit firm and finance officer as these will be used to communicate official approval of the contract.

   b. Has the pre-audit certificate for the Primary Government (and the DPCU if applicable) been signed and dated by the appropriate party?

   c. Has the name and title of the Mayor or Chairperson of the Unit's Governing Board and the DPCU's Chairperson (if applicable) been typed or printed on the contract and has he/she signed in the correct area directly under the Auditor's signature?

10. If the Auditor is performing an audit under the yellow book or single audit rules, has year-end bookkeeping assistance been limited to those areas permitted under the revised GAO Independence Standards? Although not required, we encourage Governmental Units and Auditors to disclose the nature of these services in the contract or an engagement letter. Fees for these services should be shown in the space indicated on the applicable signature page(s) of the contract.

11. Has the most recently issued peer review report for the audit firm been included with the contract? This is required if the audit firm has received a new peer review report that has not yet been forwarded to us. The audit firm is only required to send the most current Peer Review report to us once – not multiple times.

12. After all the signatures have been obtained and the contract is complete, please convert the contract and all other supporting documentation to be submitted for approval into a PDF file. Peer Review Reports should be submitted in a separate PDF file. These documents should be submitted using the most current submission process which can be obtained at the NC Treasurer's web site – https://www.nctreasurer.com/slg/Pages/Audit-Forms-and-Resources.aspx.

13. NEW: If an audit is unable to be completed by the due date, an Amended Contract should be completed and signed by the unit and auditor, using the new "Amended LGC-205" form (Rev. 2015). The written explanation for the delay is now included on the contract itself to complete, and must be signed by the original parties to the contract.

Attachment: CRI FY 2017 (1902 : Approval of Audit Contract for FY 2017)

Currituck County

NC DPS - Community Programs - County Funding Plan

Available Funds: $ $81,830 Local Match: $ $22,587 Rate: 30%

DPS JCPC funds must be committed with a Program Agreement submitted in NC Allies and electronically signed by authorized officials.

#	Program Provider	DPS-JCPC Funding	LOCAL FUNDING			OTHER	OTHER	Total	% Non DPS-JCPC Program Revenues
			County Cash Match	Local Cash Match	Local In-Kind	State/ Federal	Funds		
1	Partnership for Adolescents Support Services & Teen Court	$67,378	$20,213					$87,591	23%
2	Currituck Restitution Program	$7,914	$2,374					$10,288	23%
3	JCPC Certification	$6,538						$6,538	
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
	TOTALS:	$81,830	$22,587					$104,417	22%

The above plan was derived through a planning process by the Currituck County Juvenile Crime Prevention Council and represents the County's Plan for use of these funds in FY 2017-18.

Amount of Unallocated Funds _____

Amount of funds reverted back to DPS _____

Discretionary Funds added _____

Jason S. Weeks 5/3/17

Chairperson, Juvenile Crime Prevention Council (Date)

check type ☐ Initial plan ☐ Update ☐ final

-----DPS Use Only-----

Reviewed by _____ _____
Area Consultant Date

Reviewed by _____ _____
Program Assistant Date

Verified by _____ _____
Designated State Office Staff Date

_____

Chairperson, Board of County Commissioners or County Finance Officer (Date)

Attachment: County Funding (1899 : JCPC Certificate and Funding Plan for FY 2018)

NC Department of Public Safety

Juvenile Crime Prevention Council Certification

Fiscal Year: 2017 -2018

County: **Currituck**	Date: **5/12/2017**

CERTIFICATION STANDARDS

STANDARD #1 - Membership

A. Have the members of the Juvenile Crime Prevention Council been appointed by county commissioners? yes

B. Is the membership list attached? yes

C. Are members appointed for two year terms and are those terms staggered? yes

D. Is membership reflective of social-economic and racial diversity of the community? yes

E. Does the membership of the Juvenile Crime Prevention Council reflect the required positions as provided by N.C.G.S. §143B-846? yes

If not, which positions are vacant and why?

Student, SA professional, business and faith community are vacant

STANDARD #2 - Organization

A. Does the JCPC have written Bylaws? yes

B. Bylaws are ☐ attached or ☒ on file (Select one.)

C. Bylaws contain Conflict of Interest section per JCPC policy and procedure. yes

D. Does the JCPC have written policies and procedures for funding and review? yes

E. These policies and procedures ☐ attached or ☒ on file. (Select one.)

F. Does the JCPC have officers and are they elected annually? yes

JCPC has: ☒ Chair; ☒ Vice-Chair; ☒ Secretary; ☒ Treasurer.

STANDARD #3 - Meetings

A. JCPC meetings are considered open and public notice of meetings is provided. yes

B. Is a quorum defined as the majority of membership and required to be present in order to conduct business at JCPC meetings? yes

C. Does the JCPC meet bi-monthly at a minimum? yes

D. Are minutes taken at all official meetings? yes

E. Are minutes distributed prior to or during subsequent meetings? yes

STANDARD #4 - Planning

A. Does the JCPC conduct an annual planning process which includes a needs assessment, monitoring of programs and funding allocation process? yes

B. Is this Annual Plan presented to the Board of County Commissioners and to DPS? yes

C. Is the Funding Plan approved by the full council and submitted to Commissioners for their approval? yes

Attachment: Currituck CERTIFICATION 17-18 (1899 : JCPC Certificate and Funding Plan for FY 2018)

STANDARD #5 - Public Awareness

A. Does the JCPC communicate the availability of funds to all public and private non-profit agencies which serve children or their families and to other interested community members? (☒ RFP, distribution list, and article attached) yes

B. Does the JCPC complete an annual needs assessment and make that information available to agencies which serve children or their families, and to interested community members? yes

STANDARD #6 – No Overdue Tax Debt

A. As recipient of the county DPS JCPC allocation, does the County certify that it has no overdue tax debts, as defined by N.C.G.S. §105-243.1, at the Federal, State, or local level? yes

Briefly outline the plan for correcting any areas of standards non-compliance.

Having complied with the Standards as documented herein, the Juvenile Crime Prevention Council may use up to $15,500 of its annual Juvenile Crime Prevention fund allocation to cover administrative and related costs of the council. *Form JCPC/ OP 002 (b) JCPC Certification Budget Pages* detailing the expenditure budget must be attached to this certification.
The JCPC Certification **must be received by June 30, 2017.**

JCPC Administrative Funds
SOURCES OF REVENUE

DPS JCPC (Only list requested funds for JCPC Administrative Budget.)	$6538
Local	
Other	
Total	$6538

JCPC Chairperson Date

Chairman, Board of County Commissioners Date

DPS Designated Official Date

Attachment: Currituck CERTIFICATION 17-18 (1899 : JCPC Certificate and Funding Plan for FY 2018)

Juvenile Crime Prevention Council Certification (cont'd)

Currituck **County** **FY** 2017-18

Instructions: N.C.G.S. § 143B-846 specifies suggested members be appointed by county commissioners to serve on local Juvenile Crime Prevention Councils. In certain categories, a designee may be appointed to serve. Please indicate the person appointed to serve in each category and his/her title. Indicate appointed members who are designees for named positions. Indicate race and gender for all appointments.

Specified Members	Name	Title	Designee	Race	Gender
1) School Superintendent or designee	Virginia Arrington	Dir. SecEd & Support Staff	☒	W	F
2) Chief of Police	n/a		☐		
3) Local Sheriff or designee	Mathew Beickert	Chief Deputy	☒	W	M
4) District Attorney or designee	Zack Beasley	Asst. DA	☒	W	M
5) Chief Court Counselor or designee	Laqreshia Bates-Harley	Chief Court Counselor	☐	B	F
6) Director, AMH/DD/SA, or designee	Tracey Webster	System Care Coordinator	☒	B	F
7) Director DSS or designee	Patty Halstead	Social Worker	☒	W	F
8) County Manager or designee	Sandra Hill	Finance Officer	☒	W	F
9) Substance Abuse Professional			☐		
10) Member of Faith Community			☐		
11) County Commissioner	Mary Etheridge	Commissioner	☐	W	F
12) Two Persons under age 18 (State Youth Council Representative, if available)			☐		
			☐		
13) Juvenile Defense Attorney	Bill Brumsey	Juv. Defense Attorney	☐	W	M
14) Chief District Judge or designee	Hon. Edgar Barnes	District Court Judge	☐	W	M
15) Member of Business Community			☐		
16) Local Health Director or designee	Rebecca Cook	Triple P	☒	W	F
17) Rep. United Way/other non-profit	Loren Cartwright	Youth Dir. YMCA	☐	W	F
18) Representative/Parks and Rec.	Jason Weeks	Director	☐	W	M
19) County Commissioner appointee	Paul Pollock	Court Counselor	☐	W	M
20) County Commissioner appointee	Pete Aitken	Court Counselor	☐	W	M
21) County Commissioner appointee	Sherry Fischlschweiger	Coop. Extension	☐	W	F
22) County Commissioner appointee	Alysia Mizelle	PASS/Teen Cou Prog. Mananger	☐	B	F
23) County Commissioner appointee	Ray Matusko	Clerk of Court	☐	W	M
24) County Commissioner appointee			☐		
25) County Commissioner appointee			☐		

Attachment: Currituck CERTIFICATION 17-18 (1899 : JCPC Certificate and Funding Plan for FY 2018)

Quarterly Fiscal Monitoring Report - DMHDDSAS

LME / MCO NAME: *Trillium Health Resources* **FOR THE PERIOD ENDING:** *3/31/2017*

of month in the fiscal year (July = 1, August = 2, . . . , June = 12) ========> 9

1. REPORT OF BUDGET VS. ACTUAL

Basis of Accounting: Cash / Accrual (check one)

ITEM	(1) PRIOR YEAR BUDGET	(2) PRIOR YEAR ACTUAL	(3) CURRENT YEAR BUDGET	(4) CURRENT YEAR ACTUAL YR-TO-DATE	(5) CURRENT YEAR BALANCE (Col. 3-4)	(6) ANNUALIZED PERCENTAGE *
REVENUE						
Service Fees from LME-Delivered Services						
Medicaid Pass Thru	900,000	25,749	50,000	19,547	30,453	52.13%
Interest Earned	500,000	487,542	500,000	215,154	284,846	57.37%
Rental Income	150,750	113,136	150,750	83,623	67,127	73.96%
Budgeted Fund Balance * (Detail in Item 4, below)	39,525,874	-	60,646,944	-	60,646,944	
Other Local	100,000	78,213	300,000	33,064	266,936	14.70%
Total Local Funds	41,176,624	704,641	61,647,694	351,388	61,296,306	0.76%
County Appropriations (by county, includes ABC Funds):						
Beaufort County	173,599	130,199	173,599	209,956	(36,357)	161.26%
Bertie County	49,390	49,390	49,390	37,043	12,347	100.00%
Brunswick County	292,443	250,872	250,443	-	250,443	0.00%
Camden County	24,246	24,046	24,246	17,805	6,441	97.91%
Carteret County	228,000	228,000	228,000	171,000	57,000	100.00%
Chowan County	33,478	34,605	33,478	21,083	12,395	83.97%
Craven County	276,827	280,298	278,827	208,176	70,651	99.55%
Currituck County	60,300	63,155	58,996	46,406	12,590	104.88%
Dare County	411,040	411,040	411,040	186,974	224,066	60.65%
Gates County	29,700	30,166	29,700	22,500	7,200	101.01%
Hertford County	84,350	88,766	84,350	64,100	20,250	101.32%
Hyde County	12,414	11,745	12,714	9,759	2,955	102.34%
Jones County	23,906	23,948	23,906	17,448	6,458	97.31%
Martin County	51,962	55,627	51,962	48,462	3,500	124.35%
New Hanover County	2,261,117	2,264,361	2,263,317	1,152,301	1,111,016	67.88%
Northampton County	81,614	77,614	81,614	49,275	32,339	80.50%
Onslow County	502,500	500,000	500,000	281,873	218,127	75.17%
Pamlico County	34,593	34,784	34,593	25,879	8,714	99.75%
Pasquotank County	92,506	96,425	92,506	71,577	20,929	103.17%
Pender County	173,900	175,026	92,900	47,883	45,017	68.72%
Perquimans County	29,906	30,460	29,906	22,635	7,271	100.91%
Pitt County	595,500	626,819	595,500	523,883	71,617	117.30%
Tyrell County	9,906	9,906	9,906	7,430	2,476	100.00%
Washington County	30,000	30,000	30,000	22,500	7,500	100.00%
Total County Funds	5,563,197	5,527,252	5,440,893	3,265,946	2,174,947	80.03%
LME Systems Admin. Funds (Cost Model)	0	0	0	0	-	
DMH/DD/SAS Administrative Funds (% basis)	0	0	0	0	-	#DIV/0!
DMH/DD/SAS Risk Reserve Funds (% basis)	0	0	0	0	-	
DMH/DD/SAS Services Funding	61,848,922	55,249,195	49,545,841	28,001,489	21,544,352	75.36%
DMA Capitation Funding	331,852,785	324,793,512	325,187,972	250,094,323	75,093,649	102.54%
DMA Risk Reserve Funding	6,772,506	6,802,291	6,636,489	5,103,965	1,532,524	102.54%
All Other State/Federal Funds	620,000	698,710	620,000	452,960	167,040	97.41%
Total State and Federal Funds	401,094,213	387,543,709	381,990,302	283,652,736	98,337,566	99.01%
TOTAL REVENUE	447,834,034	393,775,602	449,078,889	287,270,070	161,808,819	85.29%
EXPENDITURES:						
System Management/Administration/Care Coordination	75,742,668	57,076,210	85,803,363	45,224,878	40,578,485	70.28%
LME Provided Services	0	0	0	0	-	
Provider Payments	370,829,163	340,242,802	361,359,555	278,129,261	83,230,294	102.62%
Merger Expenses	0	0	0	0	-	
MCO Start-Up Expenses	0	0	0	0	-	
All Other	1,262,203	911,855	1,915,971	860,378	1,055,593	59.87%
TOTAL EXPENDITURES	447,834,034	398,230,868	449,078,889	324,214,518	124,864,371	96.26%
CHANGE IN CASH BALANCE		(4,455,266)		(36,944,447)		
Beginning Unrestricted Fund Balance		37,723,805		41,570,641		
Balance in DMH/DD/SAS Risk Reserve						
Balance in DMA Risk Reserve		24,957,602		30,076,983		
Current Estimated Unrestricted Fund Balance and percent of budgeted expenditures	9.28%	41,570,641	1.35%	6,054,991		

2. CURRENT CASH POSITION

	(1) 30 DAYS	(2) 60 DAYS	(3) 90 DAYS	(4) OVER 90 DAYS	(5) TOTAL	Allowance for Uncollectible Receivables
Accounts Payable (Accrual Method)		-				
Account Receivable (Accrual Method)		-				
Current Cash in Bank		100,182,197				

3. SERVICE EXCEPTIONS (Provided Based on System Capability)

Services authorized but not billed

4. DETAIL ON BUDGETED FUND BALANCE

	Budgeted	Year-to-Date	Balance	%
Payments to Providers				
MCO Start-up Expense				

Attachment: Trillium Quarterly-FMR 03 31 17 (1897 : Trillium Health Quarterly Financials Report)

LME Merger Expense						
Other (List): *From Fund Balance*			25,999,118	35,515,650	(9,516,532)	
Other (List): *Medicaid Reinvestment*			34,647,826	13,106,697	21,541,129	

Attachment: Trillium Quarterly-FMR 03 31 17 (1897 : Trillium Health Quarterly Financials Report)

EASTERN CAROLINA ENGINEERING, P.C.

May 19, 2017

Mr. Daniel F. Scanlon, II, County Manager
Currituck County
153 Courthouse Road, Suite 204
Currituck, NC 27929

Subject: Petition for Road Addition
Cahoon Farms
Currituck County, NC

Dear Mr. Scanlon,

On behalf of the property owners in Cahoon Farms Subdivision, we are requesting that the enclosed Petition for Road Addition be presented to the County's Board of Commissioners at the next available meeting. The homeowners are requesting NC DOT acceptance of the portion of Oxford Road that extends into the subdivision. Per my calculations, there are now enough occupied homes to justify addition of these roads to the state system. Enclosed please find one copy of the completed petition with attached owner list and (4) copies of the final plats for the subdivision.

If you have any questions or need any additional information, please do not hesitate to contact me. Thank you for your assistance with this project.

Sincerely,

Eastern Carolina Engineering, PC

Jason A. Mizelle

Jason A. Mizelle, PLS
Vice President - Surveying

cc: file

Attachment: Oxford Road-Cahoon Farms (1908 : Petition for Road Addition-Cahoon Farms)

North Carolina Department of Transportation
Division of Highways
Petition for Road Addition

ROADWAY INFORMATION: (Please Print/Type)

County: Currituck Road Name: Oxford Road
(Please list additional street names and lengths on the back of this form.)

Subdivision Name: Cahoon Farms Length (miles): 0.95

Number of occupied homes having street frontage: 25 Located (miles): 0.77

miles N ☐ S ☒ E ☒ W ☐ of the intersection of Route 1216 and Route 1387 .
(Check one) (SR, NC, US) (SR, NC, US)

We, the undersigned, being property owners and/or developers of Cahoon Farms in Currituck County, do hereby request the Division of Highways to add the above described road.

CONTACT PERSON: Name and Address of First Petitioner. (Please Print/Type)

Name: Wade Landers Phone Number: 757-434-7924

Street Address: 1501 Cahoon Parkway, Chesapeake, VA 23323

Mailing Address: 1501 Cahoon Parkway, Chesapeake, VA 23323

PROPERTY OWNERS

Name	Mailing Address	Telephone
See Attached List		

Form SR-1 (3/2006)

Attachment: Oxford Road-Cahoon Farms (1908 : Petition for Road Addition-Cahoon Farms)

INSTRUCTIONS FOR COMPLETING PETITION:

1. Complete Information Section
2. Identify Contact Person (This person serves as spokesperson for petitioner(s)).
3. Attach four (4) copies of recorded subdivision plat or property deeds, which refer to candidate road.
4. Adjoining property owners and/or the developer may submit a petition. Subdivision roads with prior NCDOT review and approval only require the developer's signature.
5. If submitted by the developer, encroachment agreements from all utilities located within the right of way shall be submitted with the petition for Road addition. However, construction plans may not be required at this time.
6. Submit to District Engineer's Office.

FOR NCDOT USE ONLY: Please check the appropriate block

☐ Rural Road ☐ Subdivision platted prior to October 1, 1975 ☐ Subdivision platted after September 30, 1975

REQUIREMENTS FOR ADDITION

If this road meets the requirements necessary for addition, we agree to grant the Department of Transportation a right-of-way of the necessary width to construct the road to the minimum construction standards of the NCDOT. The right-of-way will extend the entire length of the road that is requested to be added to the state maintained system and will include the necessary areas outside of the right-or-way for cut and fill slopes and drainage. Also, we agree to dedicate additional right-of-way at intersections for sight distance and design purposes and execute said right-of-way agreement forms that will be submitted to us by representatives of the NCDOT. The right-of-way shall be cleared at no expense to the NCDOT, which includes the removal of utilities, fences, other obstructions, etc.

General Statute 136-102.6 (see page 29 for Statute) states that any subdivision recorded on or after October 1, 1975, must be built in accordance with NCDOT standards in order to be eligible for addition to the State Road System.

ROAD NAME	HOMES	LENGTH	ROAD NAME	HOMES	LENGTH
Oxford Road	25	0.95			

Attachment: Oxford Road-Cahoon Farms (1908 : Petition for Road Addition-Cahoon Farms)

Subdivision Name: Cahoon Farms

Road Name: Oxford Road

Length of Road: 0.95 miles

Number of Occupied Houses: 25

Name	Mailing Address	Telephone
ASH, RICHARD C & KIMBERLY B	165 OXFORD RD	(252) 435-2611
MIDDLETON, MICHAEL E & MARION L	166 OXFORD RD	(252) 435-2772
WILSON, PHILLIP J	177 OXFORD RD	(252) 435-2743
BEZIK, MARK W	178 OXFORD RD	(252) 435-1121
SVEDE, MICHAEL E & CHARLOTTE	189 OXFORD RD	(757) 652-9956
RICHARDSON, ELIZABETH A	190 OXFORD RD	No published #
NEWBY, JAMES T & MANDY RENEE	203 OXFORD RD	(252) 435-1031
HORRELL, LARRY G JR & DAWN M	217 OXFORD RD	(252) 435-6291
SPRAGUE, ERICK & JUSTINE M	218 OXFORD RD	No published #
MCDONALD, JOHN T II & KATHERINE B	232 OXFORD RD	No published #
ARNOLD, CORY GLYN	246 OXFORD RD	No published #
MAURICE, BILLY C JR & REA P	259 OXFORD RD	(757) 619-0743
COMBS, NORMAN DEAN III & KIMBERLY E	260 OXFORD RD	No published #
MILLER, KEVIN R & WENDY L	274 OXFORD RD	(757) 620-8984
STARCHER, PATRIC J & LISA A	288 OXFORD RD	(252) 232-3694
JAWORSKI, BRENT D & AMY M	301 OXFORD RD	(252) 435-2687
DAHL, JOHN ALAN & TONYA CORINE	302 OXFORD RD	(301) 814-5001
SPINATO, PAUL & LORI	315 OXFORD RD	(252) 435-2745
WILLIS, LAWRENCE H JR & SARA	316 OXFORD RD	No published #
MOHLER, BRETT	329 OXFORD RD	No published #
WILGUS, WARREN D & SHARON H	330 OXFORD RD	(252) 435-2537
WAITE, HEATHER J & GREGORY C	343 OXFORD RD	No published #
BOYD, WILLIAM DAVID JR & PAMELA ROPER	344 OXFORD RD	(252) 435-6043
WARD, VIRGINIA E & RALPH E III	357 OXFORD RD	No published #
MCINTYRE, ANDREW C & REYES, PAULA M	358 OXFORD RD	(757) 377-4910

Attachment: Oxford Road-Cahoon Farms (1908 : Petition for Road Addition-Cahoon Farms)

Dear: Currituck County Commissioners,

Knotts Island Ruritan Clubs Annual Peach Festival would like to ask for permission to have alcoholic beverages at our 2017 Peach Festival June 23-25,2017. We have talked to Deputy Neal Nosay he is on board for the 3 day event we will be hiring him for the whole weekend. We have KI Fire & Rescue at the event plus Chip Melton is sending the EMS Bus to the event.

The Club uses all proceeds from this festival to support different community groups and activities in the Island Community. Groups including the Scholarships, Food Pantry, The School, the Boy and Girl Scouts, The Ruritan Kids Annual Toy Drive, The Churches, and others in need. We put back into the community in 2015-2016 $18,000 and this year (2016-2017) we will hit $23,000+ in giving back to the community. Note our year is July 1st to June 30.
This is our only major fundraiser for us to support the projects we have been helping with-in the community.

We have applied for The NC ABC permit and will forward it to you as soon as we receive it.

We want to serve in plastic or cans Beer, Malt Beverages and Wine.

Thank You For Your Consideration.
Ardell Lee Waterfield
President

Ardell Lee Waterfield

757-217-5005

Attachment: Knotts Island Peach Festival 2017 Application for Alcohol Use (1912 : Application for Alcohol Use-Knotts Island Peach Festival

APPLICATION FOR ALCOHOL BEVERAGES AT SPECIAL EVENTS ON COUNTY-OWNED PROPERTY

Application must be submitted no less than 15 days prior to the event

Please complete form & return to County Manager's Office 153 Courthouse Road, Suite 204 Currituck, NC 27929
Fax 252-232-3551 Email: leeann.walton@currituckcountync.gov

Contact Information			
Name of Applicant	Anita Sue Waterfield		
Organization Name	Knotts Island Ruritan Club		
Address	101 Sea Breeze South		
City, State & Zip	Knotts Island, NC 27950		
Phone		Cell Number	757-270-1338
Email	awaterfield2003@msn.com		
Event Information			
Name of Event	Knotts Island Peach festival		
Date of Event	June 23-25 2017		
Assembly Area (Please check one)	☑ Knotts Island Ruritan Park ☐ Historic Corolla Park ☐ Soundside Park ☐ Currituck County Rural Center (CCRC)	Time Period: Time Period:	June 23 6p-10p June 24 10-4 June 25 10-4
Approximate # of persons	8500	ABC Permit From NC State Liquor Board	YES ✓ Applied 5/24/17 NO

Attachments:

- ☐ Types of alcoholic beverages to be served (i.e. beer, malt beverages, wine, liquor, etc.)
- ☐ Copy of ABC Permit
- ☐ Copy of Insurance Certificate showing the County as additional named secured
- ☐ Drawing or map of reserved area where the alcohol will be served
- ☐ Description of proposed special event and reasons for its occurrence

Policy:

- Alcohol may be sold and/or served providing all local, state and federal alcohol laws and policies are adhered to, and any permits conspicuously posted;
- The non-profit organization shall secure all proper North Carolina ABC permits for each event;
- An area shall be designated and clearly marked where the possession and consumption of alcohol may occur during the event. The non-profit organization shall post a responsible person at each point of ingress/egress to the designated area to ensure that persons do not leave the designated area with an alcoholic beverage;
- Provide food during the event consisting of heavy hors d'oeuvres or a small meal;
- The nonprofit organization shall verify the age of persons to whom alcoholic beverages are disbursed and provide patrons wristbands or another designating item to identify that they are of legal drinking age. The non-profit organization shall not serve alcohol to patrons that are intoxicated;

Attachment: Knotts Island Peach Festival 2017 Application for Alcohol Use (1912 : Application for Alcohol Use-Knotts Island Peach Festival

- Provide for clean-up of all debris/litter following the special event;
- Provide on-site signage for special event stating alcoholic beverages are prohibited beyond the approved permitted area and that underage drinking is prohibited;
- Furnish liability insurance in the amount of at least one million dollars with the County shown as the additional named insured;
- Non-alcoholic beverages must be available during the event;
- Patrons of the event may not bring alcoholic beverages into the event;
- Beverages may not be served in glass containers;
- The non-profit organization is responsible for the purchase and transportation of all alcoholic beverages;
- All event workers shall be provided with highly visible identification such as a button, badge, apron, uniform or other form of identification;
- A law enforcement officer must be retained by the non-profit organization and at the event from opening to closing of the event; and
- The non-profit organization shall comply with all county ordinances, rules and regulations.

If the event will be held at Historic Corolla Park the following additional rules will apply:

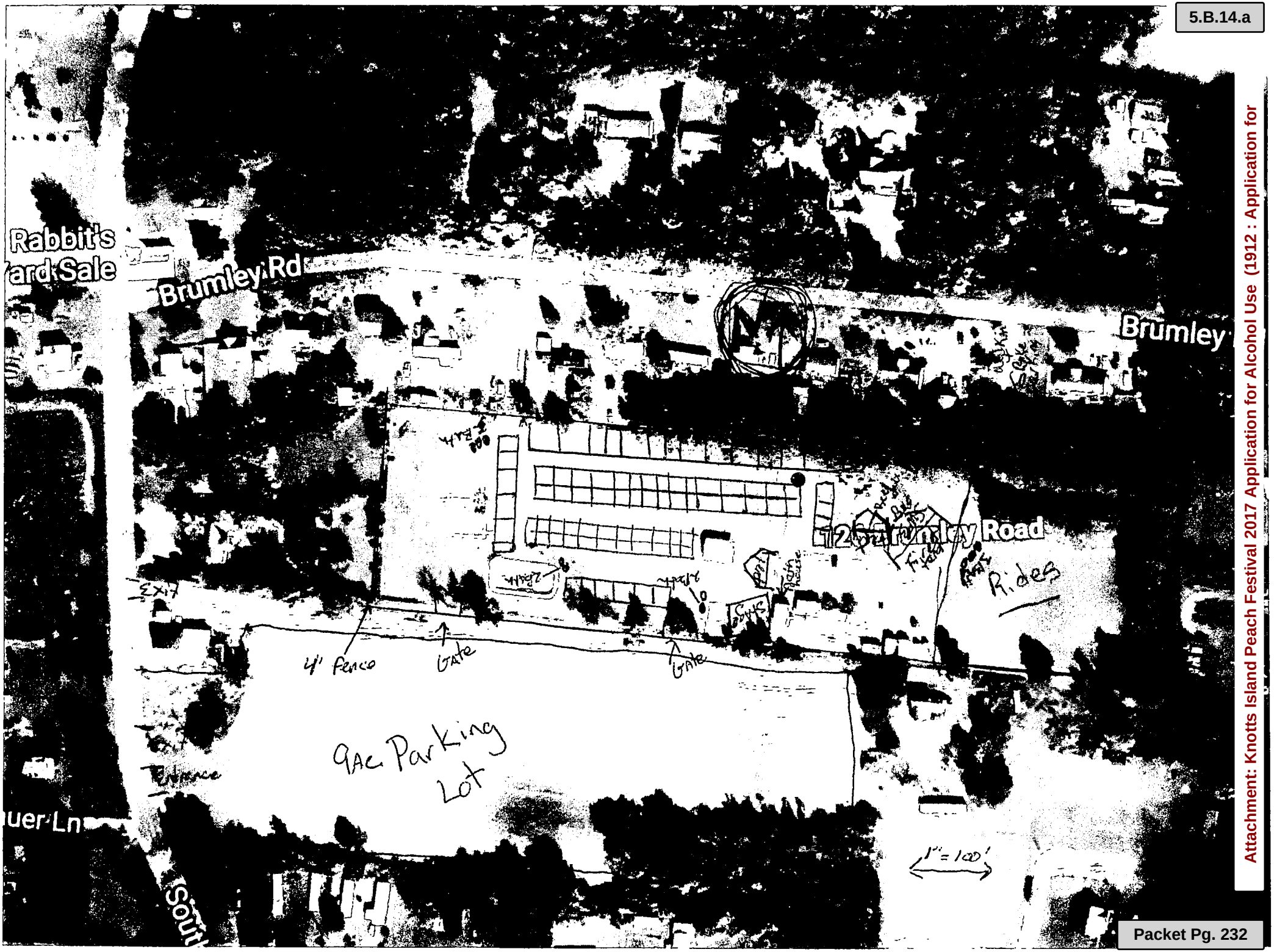
- The event planner must make application through the Travel and Tourism Department providing the same information as required for a non-profit organization special event permit;
- The event must be approved by the Travel and Tourism Director and a specific area of the grounds reserved for the private event;
- The event must take place and alcohol may be consumed only in the reserved area on the grounds;
- The private event must be catered and the event planner or caterer shall be responsible for any required North Carolina ABC permits;
- The event planner shall provide for cleanup of all debris/litter following the event;
- The event planner must furnish liability insurance in the amount of at least one million dollars with the County shown as the additional named insured;
- A law enforcement officer must be retained by the event planner and at the event from opening to closing of the event; and
- The event shall comply with all other Currituck County ordinances, rules and regulations.

Signature of Applicant:	Cynthia S. Waterfield	**Date:**	5/13/2017

OFFICE USE ONLY

Date:	Approved:	Denied:	Chairman of Board of Commissioners:	

Attachment: Knotts Island Peach Festival 2017 Application for Alcohol Use (1912 : Application for Alcohol Use-Knotts Island Peach Festival


Rabbit's
Yard Sale
Brumley Rd
Brumley
12 Brumley Road
Rides
4' Fence
Gate
Gate
EXIT
Entrance
9AC Parking Lot
1" = 100'
uer Ln
Sout

ACORD®

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 5/22/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THI CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIE BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZE REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject t the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to th certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME: Stephanie Evans
Chesterfield Insurers, Inc. 3535 Ironbridge Rd. P. O. Box 34220 Richmond VA 23234	PHONE (A/C, No, Ext): (804)271-9426 FAX (A/C, No): (804)271-9108 E-MAIL ADDRESS: stephanie@chesterfieldinsurers.com
INSURED	**INSURER(S) AFFORDING COVERAGE** / **NAIC #**
Knotts Island Ruritan Club P. O. Box 238 Knotts Island NC 27950-0000	INSURER A: Capitol Indemnity Corporation INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:

COVERAGES **CERTIFICATE NUMBER:** CL1752211296 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIC INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH TH CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERM EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: X POLICY PRO-JECT LOC OTHER:	X		CP02418591-03	10/20/2016	10/20/2017	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG Employee Benefits	$ 1,000,($ 100,($ 5,($ 1,000,($ 2,000,($ 2,000,($
	AUTOMOBILE LIABILITY ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS HIRED AUTOS NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ $ $ $
	UMBRELLA LIAB OCCUR EXCESS LIAB CLAIMS-MADE DED RETENTION $						EACH OCCURRENCE AGGREGATE	$ $
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y/N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A					PER STATUTE OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ $ $

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Certificate holder is named Additional Insured with respects to the General Liability for the Peach Festival on June 23-June 25th, at 126 Brumley Rd, Knotts Island, NC 27950.

CERTIFICATE HOLDER

Currituck County
153 Courthouse Rd
Currituck, NC 27929

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFOR THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Chesterfield Insurers

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Attachment: Knotts Island Peach Festival 2017 Application for Alcohol Use (1912 : Application for Alcohol Use-Knotts Island Peach Festival

COUNTY OF CURRITUCK

BOARD OF COMMISSIONERS
Bobby Hanig, Chairman
Michael H. Payment, Vice-Chairman
Paul Beaumont
Mary R. Etheridge
Marion Gilbert
Michael D. Hall
Bob White

153 Courthouse Road, Suite 204
Currituck, NC 27929
Telephone (252) 232-2075 / Fax (252) 232-3551
State Courier # 10-69-17

DANIEL F. SCANLON, II
County Manager
DONALD I. MCREE, JR.
County Attorney
LEEANN WALTON
Clerk to the Board

June 6, 2017

Laurie W. Jeffries
ARHS/ARSWMA
P. O. Box 189
Elizabeth City, NC 27907-0189

Dear Ms. Jeffries,

Due to the large increase of the disposal of electronics and no funding from the State of North Carolina, it has become a financial burden on Currituck County. Because of the law presented below, electronics cannot be disposed of in the landfill, and counties must contract for services from an electronic specialty company to remove the products from the county. NC General Statues 130A-309.130 through 130A-309-141 (Discarded Computer Equipment and Television Management) establish an electronics recycling program for the state of North Carolina with shared responsibility between computer manufacturers, television manufacturers, retailers, local and state government and consumers. The goal of the program is to foster a statewide recycling infrastructure for these materials. In conjunction with this program, the law bans televisions, computers, monitors, printers, scanners and computer peripherals such as keyboards and mice from disposal in landfills.

This letter is in support of a Solid Waste Section review and rewrite of the above-referenced law permitting the disposal of electronics in landfills, provided the landfill meets the requirements supported by the Solid Waste Section and that disposal would have no Environmental or Public Health impacts.

Let it be known that the County Commissioners voted unanimously on June 5, 2017, to support the above information with further action being taken by the North Carolina Solid Waste Section to resolve this concern.

Sincerely,

Daniel F. Scanlon, II
County Manager

DFS/lw

Attachment: ARSW Electronics letter (1915 : ARSW-Electronics Recycling/State Funds)