

April 27, 2009



## APPLICATION FOR PROCESSOR OPERATION PERMIT

TO SERVE:

**EAST COAST ABATEMENT & EAST COAST DEMOLITION COMPANIES**

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*Prepared by:*



*The Coastal Experts*

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## CONTACT LIST

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Attn: Bill Kingston  
P.O. Box 1068  
Kitty Hawk, NC 27949  
Phone: (252) 261-3266  
Fax: (252) 261-1760  
bill@bissellprofessionalgroup.com

Operator: East Coast Abatement and East Coast Demolition Companies  
Attn: Richard C. Webb  
2530 Centerville Turnpike  
Chesapeake, VA 23322  
Phone: (757) 421-0770  
Fax: (757) 421-0775

Landowner: Richard C. Webb II & Phyllis K. Webb  
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Moyock, NC 27958  
Phone: (252) 232-2606

Engineer: Bissell Professional Group, Inc.  
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dave@bissellprofessionalgroup.com

Invoicing: East Coast Abatement and East Coast Demolition Companies  
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Chesapeake, VA 23322  
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Fax: (757) 421-0775  
kara@eca.hrcoxmail.com

## **PROJECT BACKGROUND**

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The East Coast Abatement and East Coast Demolition Companies are a wrecking/demolition contractor with a storage site located at 212 Windchaser Way, Windchaser Industrial Park in Moyock, North Carolina. The storage site is situated on (Parcel Two), a 7.38 acre tract which is a separate parcel located directly behind the 6.03 acre parcel containing the primary maintenance facilities (Parcel One) of the business. These parcels are separate properties with the East Coast Companies leasing both properties from Mr. Rick Webb, the owner of East Coast. Windchaser Industrial Park is a commercial subdivision zoned "HM" for heavy manufacturing. Most of the park is vacant with the exception of an existing concrete plant located on the adjoining lot to the northeast. Surrounding uses are farmland or undeveloped land.

The East Coast Abatement and East Coast Demolition Companies contract a large percentage of their business through the federal government, military and NASA. The nature of the business operation involves a wide variety of trucks, trailers, heavy equipment, tools, supplies and materials. As a result, Parcel One contains a maintenance shop where in-house repair and fabrication of trucks and equipment takes place. There is also a welding shop on the site in addition to a small trailer for 24 hour security personnel. Heavy construction equipment and trucks are often parked on this property in addition to the personal passenger vehicles of the employees. Parcel One has also received approval for a new office/storage building which will serve as the hub of operations and a location for storing large quantities of job files as federal regulations require.

Parcel Two is where the majority of the support equipment and materials are stored while not in use. Some examples of support equipment items are heavy equipment attachments, rigging, shoring and bridging devices, metal tanks that are used as barges, and empty storage tanks for liquids. There are also several shipping containers and large cylindrical storage tanks that have been converted to lockable storage areas for materials and equipment such as shackles, cables, slings, pumps, lights, drop cords, electrical equipment, hoses, roadway signs, hydro seeding supplies, erosion fencing, oil containment devices, dikes, new 55 gallon drums, oil dry, hand tools, decontamination equipment, emergency equipment, scaffolding and walk boards, concrete saws, generators, hydraulic cylinders, pumps, jacks, valves and fittings, fans and pipe. This property is intended for the purpose of temporary storage of those materials outlined above without any need for established vehicular parking areas. It does not serve as a parking area for personal vehicles.

In addition to the various types of equipment mentioned above, Parcel Two also serves as a location for stockpiling and/or processing various materials such as soils, stone aggregate, crushed concrete, crushed brick, crushed concrete block, recycled asphalt product, clean concrete, clean brick, clean block, clean asphalt, steel, aluminum and copper. All of these materials are stored on site pending recycling or re-use on other job sites. There is no trash or waste product kept on the site. The site is used for sorting and temporarily stockpiling materials. Due to the nature of the business and the differing parameters of each job, there is a constantly changing variety of materials and equipment stored at the site at any given time. There are no hazardous materials stored on either parcel. All hazardous materials are collected and stored at the job site and then removed by separate contractors and taken to the appropriate disposal facilities. Furthermore, activities occurring on site, to include materials being temporarily stored, do not fall under the definition of solid waste according to EPA Statute 261.2. Please see Attachment A: "EPA Statute 261.2 - Definition of Solid Waste" for reference.

The primary entrance for the site is through the northeastern corner of Parcel One. There is direct access from Windchaser Way to the dirt stockpile area located on the southwestern portion of Parcel Two. However, the dirt stockpile area is isolated from the rest of the Parcel Two.

## **PROJECT BACKGROUND CONT'D**

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The main access point to Parcel Two is via a proposed gravel drive from Windchaser Way at the powerline easement. A secondary access is provided via one of two drives leading from Parcel One. These secondary access points are to be used primarily by vehicles and equipment travelling between Parcels One and Two. For security reasons, access to each parcel is strictly controlled. Outside clients rarely visit the site and access is restricted to the general public. Once the new office building is constructed and occupied by staff, the total number of proposed trips to and from the site is estimated to peak at 25 during the hours of 5:30 am to 9:30 am Monday through Friday with an average number of 48 trips per weekday.

The majority of the areas of use for Parcel Two are gravel surface. While it is being proposed that Parcel Two will have its current gravel surfaces finished with recycled asphalt product aka cold pave material sometime in the near future. In addition, there are two concrete aprons at either end of the maintenance building and a concrete pad with truck wash area on the west side of the maintenance building. Furthermore, an asphalt access drive and parking area will be constructed to serve the new office building. Since the vast majority of Parcel Two is comprised of loose surface material, dust control is a major concern. Control methods currently in use include regular use of a water truck, hydro seeding open areas and maintaining and controlling stockpiles. The development plan includes wind control measures such as interior landscape plantings throughout Parcel One, perimeter fencing around portions of Parcel One and perimeter landscape plantings around both parcels.

## **PROPERTY INFORMATION**

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The property is located at 212 Windchaser Way, Moyock, North Carolina. It is situated within the Windchaser Industrial Park, a commercial subdivision zoned "HM" or Heavy Manufacturing. The Currituck County parcel ID number is 0023-000-068D-0000. Until recently, the area around the industrial park including the park itself was all farmland. There have been no other commercial uses located on the subject property. The total acreage of the property is 7.38 acres.

The property is roughly divided east/west into thirds along the lines of the original farm ditches. The northernmost section is primarily used for storing materials, tools and equipment associated with the abatement and demolition business. There are several shipping containers, truck trailers and large cylindrical tanks that have been converted for the purpose of storing tools and equipment. Some metal goods are temporarily stockpiled in this area pending processing to recover recyclable steel, aluminum and copper. The middle section is primarily used for stockpiling and/or processing various materials such as soils, stone aggregate, crushed concrete, crushed brick, crushed concrete block, recycled asphalt product, clean concrete, clean brick, clean block and clean asphalt. A mobile crusher is periodically brought to the site for use on this portion of the property. The southernmost section of the parcel is utilized as a soil stockpile area.

Please see "Attachment C: Copy of Recorded Plat" for a map of the property with boundary information.

## LEGAL DESCRIPTION OF PROPERTY

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BEGINNING at an iron pipe located 368.82 feet along bearing S 41°00'23" W from a corner of Windchaser Way right of way as shown on plat entitled "Plat of Three Lot Division for Windchaser, L.L.C." dated January, 1999; said plat being duly recorded in the Register of Deeds' office in Currituck County in Plat Cabinet G, Slide 63. Thence from said point of beginning, running along the boundary between Parcel 3 and Parcel 1 of the Windchaser Subdivision, S 48°42'10" E 706.25 feet to an iron pipe; thence turning and running along the northern right-of-way line of Windchaser Way S 39°30'25" W 427.88 feet to an iron pipe, thence running S 39°30'25" W 7.0 feet to an iron pipe; thence turning and running N 51°53'08" W 445.38 feet to an iron pipe; thence turning and running N 48°23'47" W 272.82 feet to an iron pipe; thence turning and running N 41°00'23" E 457.97 feet to the true point of beginning.

The above described parcel is subject to a ditch maintenance easement 25 feet in width, parallel and adjacent to the rear boundary N 41°00'23" E 457.97 feet; and a ditch easement 25 feet in width, parallel and centered upon the side boundaries running N 51°53'08" W 445.38 feet and N 48°23'47" W 272.82 feet.

BOOK 476 PAGE 903

FILED

'99 OCT 15 PM 4 30

316

CHARLENE Y. DOWDY  
REGISTER OF DEEDS  
CURRITUCK COUNTY N.C.

CURRITUCK COUNTY 10/15/1999  
\$160.00  
Real Estate  
Excise Tax



Excise Tax 160<sup>00</sup>

Recording Time, Book and Page

Tax Lot No. \_\_\_\_\_ Parcel Identifier No. \_\_\_\_\_  
Verified by \_\_\_\_\_ County on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_  
by \_\_\_\_\_

Mail after-recording to William Brunsey, III, P. O. Box 100, Currituck, NC 27929

This instrument was prepared by William Brunsey, III/ppm File No.: 99B-25071

Brief description for the Index 7.3809 Acres, Moyock Township

### NORTH CAROLINA GENERAL WARRANTY DEED

THIS DEED made this 21 day of June, 1999, by and between

GRANTOR

GRANTEE

WINDCHASER, L.L.C., A North Carolina  
Limited Liability Company

RICHARD C. WEBB, II AND WIFE,  
PHYLLIS K. WEBB

165 Baxter Road  
Moyock, NC 27958

Enter in appropriate block for each party; name, address, and, if appropriate, character of entity, e.g. corporation or partnership.

The designation Grantor and Grantee as used herein shall include said parties, their heirs, successors, and assigns, and shall include singular, plural, masculine, feminine or neuter as required by context.

WITNESSETH, that the Grantor, for a valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantee in fee simple, all that certain lot or parcel of land situated in the City of Moyock Township, Currituck County, North Carolina and more particularly described as follows:

All that certain 7.3809 Acres as shown and delineated on a plat prepared by W. M. Heekins, Jr., Land Surveyor entitled "Survey of Parcel 3 of the Windchaser Concrete Tract for Windchaser, LLC" also known as Parcel 3 on said plat, recorded in the office of the Register of Deeds of Currituck County in Plat Cabinet G, Slide 62.

CURRITUCK COUNTY LAND TRANSFER TAX  
LAND TRANSFER TAX AMOUNT \$100.00 WJR  
DATE PAID 10/15/99 COLLECTOR Cyle

The property hereinabove described was acquired by Grantor by Instrument recorded in \_\_\_\_\_

A map showing the above described property is recorded in Plat Book \_\_\_\_\_ page \_\_\_\_\_

TO HAVE AND TO HOLD the aforesaid lot or parcel of land and all privileges and appurtenances thereto belonging to the Grantee in fee simple.

And the Grantor covenants with the Grantee, that Grantor is seized of the premises in fee simple, has the right to convey the same in fee simple, that title is marketable and free and clear of all encumbrances, and that Grantor will warrant and defend the title against the lawful claims of all persons whomsoever except for the exceptions hereinafter stated. Title to the property hereinabove described is subject to the following exceptions:

Reservations, restrictions and easements of record.

IN WITNESS WHEREOF, the Grantor has hereunto set his hand and seal, or if corporate, has caused this instrument to be signed in its corporate name by its duly authorized officers and its seal to be hereunto affixed by authority of its Board of Directors, the day and year first above written.

WINDCHASER, L.L.C., A North Carolina Limited Liability Company (SEAL)
BY: [Signature] SAINT CLAIR TILLETT - Member-Manager (SEAL)
BY: [Signature] A. MCCOY TILLETT - Member-Manager (SEAL)

NORTH CAROLINA, Currituck County
I, a Notary Public of the County and State aforesaid, certify that Saint Clair Tillett and A. McCoy Tillett, Member-Managers of Windchaser, LLC Grantor, personally appeared before me this day and acknowledged the execution of the foregoing instrument. Witness my hand and official stamp or seal, this 14 day of October, 1999. My commission expires 10-29-2002 Tracy Jones Notary Public

NORTH CAROLINA, Currituck County
I, a Notary Public of the County and State aforesaid, certify that \_\_\_\_\_ personally came before me this day and acknowledged that \_\_\_\_\_ he is \_\_\_\_\_ Secretary of \_\_\_\_\_ a North Carolina corporation, and that by authority duly given and as the act of the corporation, the foregoing instrument was signed in its name by its President, sealed with its corporate seal and attested by \_\_\_\_\_ as its Secretary. Witness my hand and official stamp or seal, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_. My commission expires \_\_\_\_\_ Notary Public

The foregoing Certificate(s) of Tracy Jones Notary of Currituck Co., LLC
is/are certified to be correct. This instrument and this certificate are duly registered at the date and time and in the Book and Page shown on the first page hereof.
Charles J. Dawdy REGISTER OF DEEDS FOR Currituck COUNTY
By \_\_\_\_\_ Deputy/Assistant - Registrar of Deeds

LINE	BEARINGS	DISTANCES
1	N 87° 24' 30" W	10.00
2	S 87° 24' 30" E	10.00
3	S 87° 24' 30" E	10.00
4	S 87° 24' 30" E	10.00
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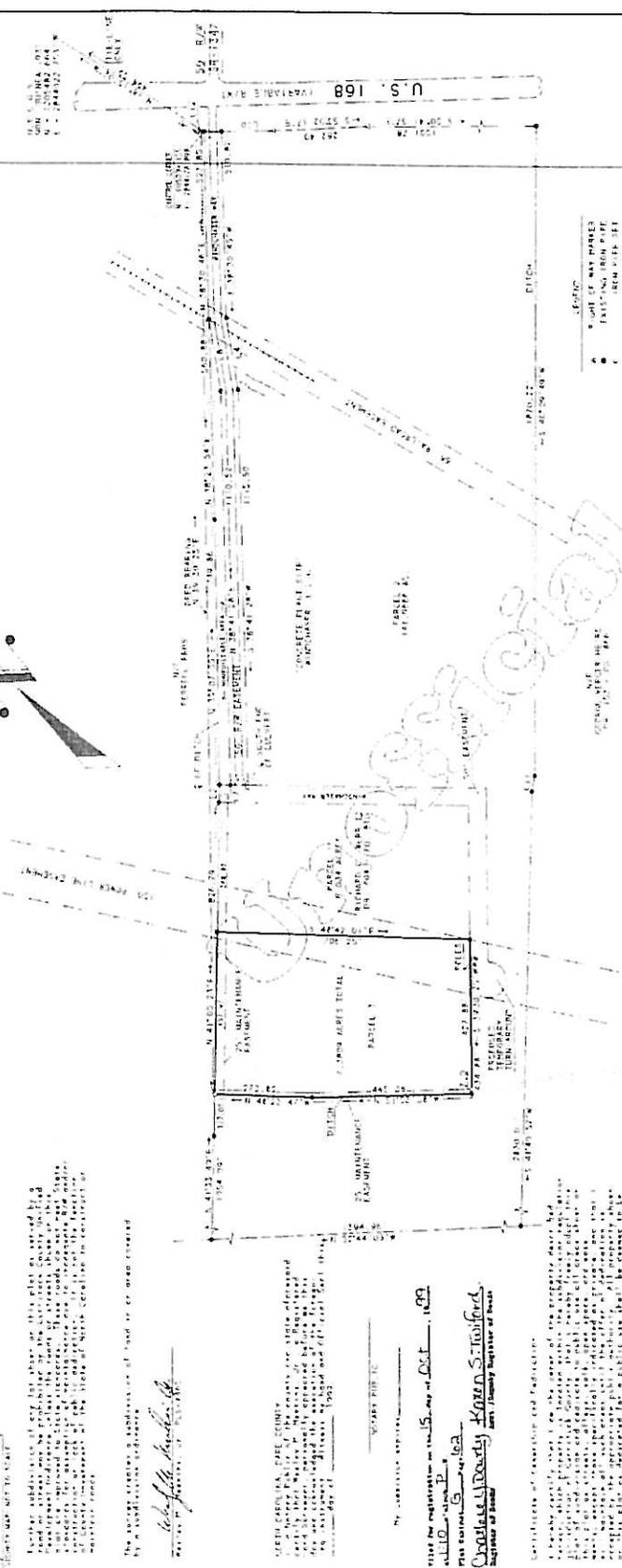
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9	S 87° 24' 30" E	10.00
10	S 87° 24' 30" E	10.00
11	S 87° 24' 30" E	10.00
12	S 87° 24' 30" E	10.00



PLAT OF THREE LOT  
DIVISION  
FOR

**WINDCHASER, L.L.C.**

CURRITUCK COUNTY NORTH CAROLINA

CRAWFORD TWP.  
SURVEYED JANUARY 1999  
W.M. MEERINGS JR. & ASSOC., INC.  
P.O. BOX 1098, MANTO, N.C. 27054



**H.B. Meerings**  
H.B. Meerings Jr.  
Surveyors

**H.B. Meerings Jr.**  
10/13/99

10/13/99  
H.B. Meerings Jr.

GENERAL NOTES:  
1. The plat is based on the survey of the land shown on the attached map.  
2. The plat is based on the survey of the land shown on the attached map.  
3. The plat is based on the survey of the land shown on the attached map.  
4. The plat is based on the survey of the land shown on the attached map.

WINDCHASER, L.L.C.  
10/13/99



10/13/99  
H.B. Meerings Jr.

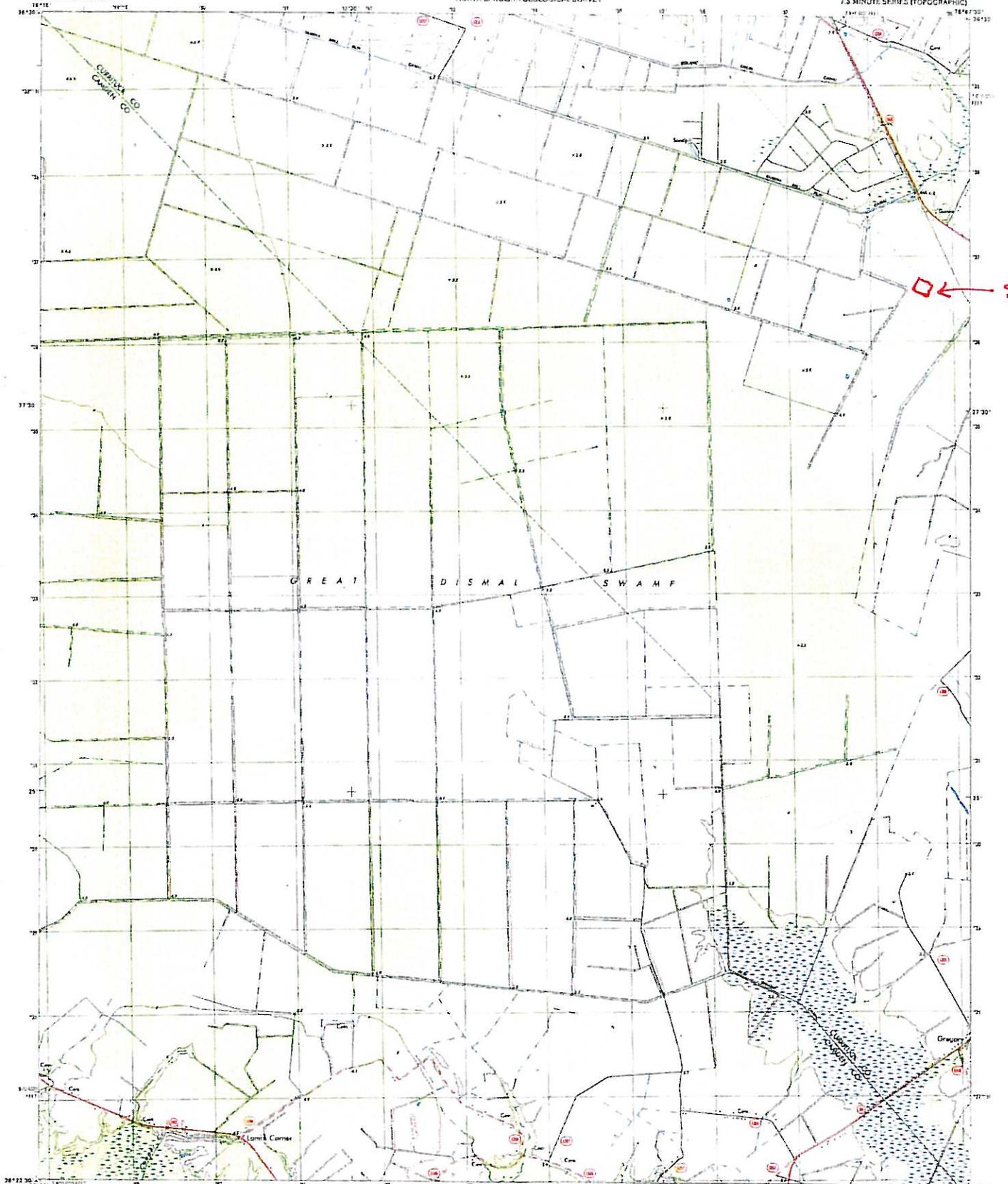
10/13/99  
H.B. Meerings Jr.



U.S. DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY

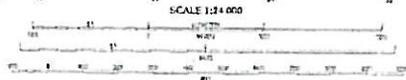
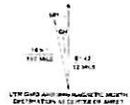
STATE OF NORTH CAROLINA  
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
DIVISION OF LAND RESOURCES  
NORTH CAROLINA GEOLOGICAL SURVEY

LAMBS CORNER QUADRANGLE  
NORTH CAROLINA  
7.5 MINUTE SERIES (TOPOGRAPHIC)



Produced by the United States Geological Survey  
Derived from imagery taken 1973 and other sources. Photocopying  
this map after 1997 is illegal unless otherwise stated. Survey control corner as of 1977  
Stippled symbol 2009

North American Datum of 1983 (NAD 83) Projection and  
10 000-foot U.S. North Carolina coordinate system  
Lambert Conformal Conic  
1000 meters (3280.84 feet) Meridian Parallel g.M. zone 18  
North American Datum of 1983 (NAD 83) is shown by dashed  
orange lines. The values of the grid, however, are NAD 83  
for 15-minute increments and increments from National Grid  
Survey (NAD 83) stations



CONTOUR INTERVALS METERS  
5-10 METERS  
DASHED SUPPLEMENTARY CONTOURS ARE APPROPRIATE  
NATIONAL GEODETIC SURVEY OF 1983  
CONTOUR INTERVALS METERS TO THE NEAREST 1/4 METER  
OTHER INTERVALS METERS TO THE NEAREST 1/2 METER

THIS MAP CONFORMS WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SCALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 24550, DENVER, COLORADO 80224  
A FEDERAL GOVERNMENT PRINTING OFFICE PRODUCT: 1997 O 500-100-000-0000



ROAD CLASSIFICATION

Primary highway  
Secondary highway  
Tertiary highway  
Unimproved road

Interstate Route  
U.S. Route  
State Route

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
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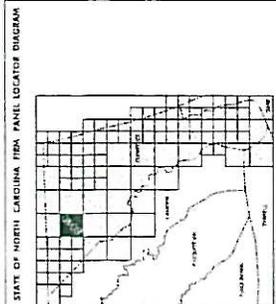
LAMBS CORNER, NC  
1997  
MAPS 274 100-000-0000



## **COUNTY ZONING APPROVAL**

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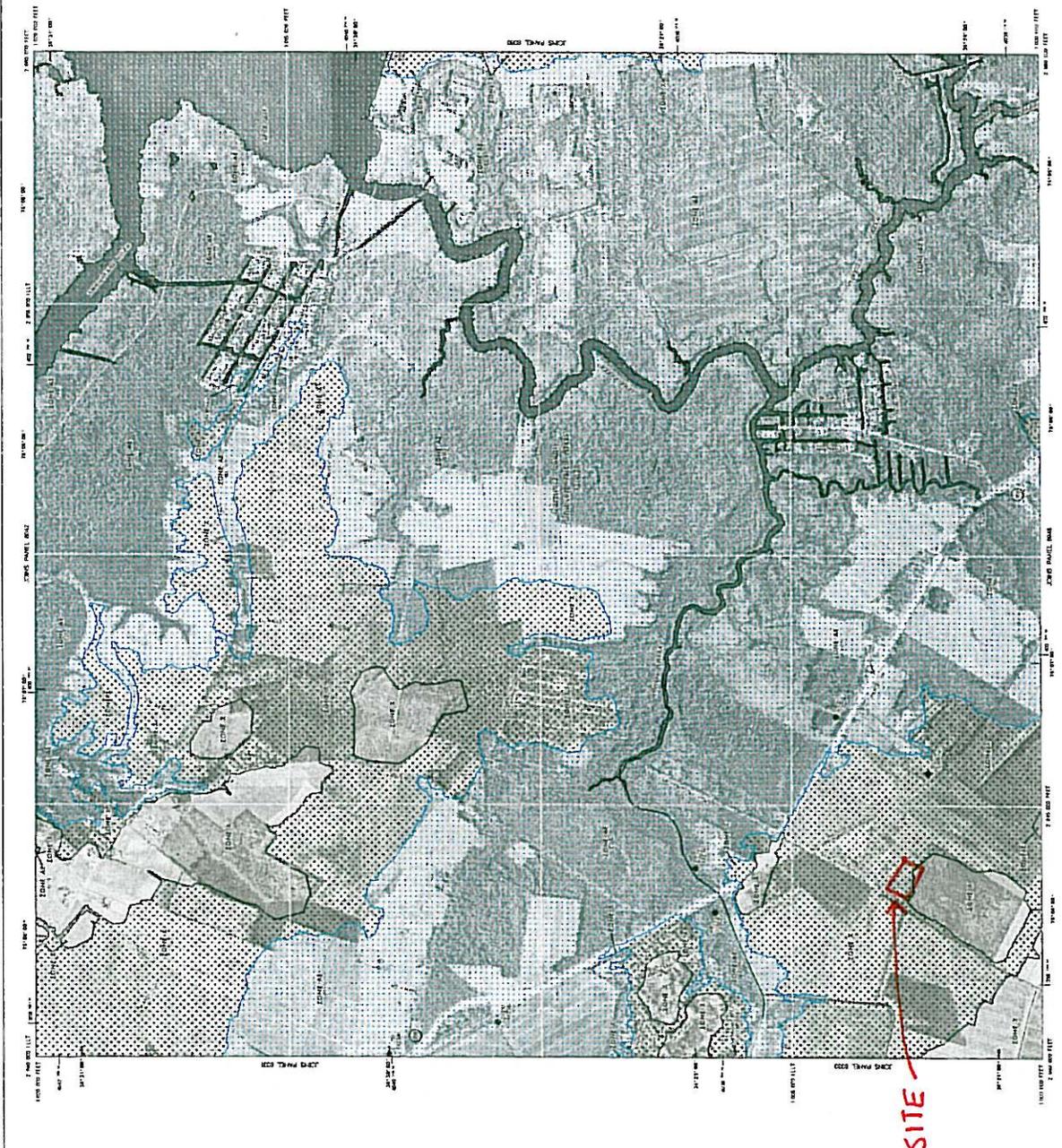
The owner is in the process of obtaining county zoning approval. A formal Special Use Permit application was submitted to the county on October 16, 2008 and is currently under review. However, a condition of the county approval is that the Processor Operation Permit first be issued by NCDENR Division of Waste Management.



**DATA INFORMATION**

This panel was prepared by the North Carolina Department of Transportation (NCDOT) for the Flood Insurance Rate Map (FIRM) for the State of North Carolina. The map was prepared by the National Flood Insurance Program (NFIP) and is based on the Flood Insurance Study (FIS) for the State of North Carolina. The FIS was prepared by the Federal Emergency Management Agency (FEMA) and is based on the Flood Insurance Study (FIS) for the State of North Carolina. The FIS was prepared by the Federal Emergency Management Agency (FEMA) and is based on the Flood Insurance Study (FIS) for the State of North Carolina.

All features shown on this map were obtained from the National Flood Insurance Program (NFIP) and are based on the Flood Insurance Study (FIS) for the State of North Carolina. The FIS was prepared by the Federal Emergency Management Agency (FEMA) and is based on the Flood Insurance Study (FIS) for the State of North Carolina. The FIS was prepared by the Federal Emergency Management Agency (FEMA) and is based on the Flood Insurance Study (FIS) for the State of North Carolina.



**NOTES TO USERS**

This map is for informational purposes only and does not constitute a contract. It is based on the best available data and is subject to change without notice. The map is not to be used for any purpose other than that for which it was prepared. The map is not to be used for any purpose other than that for which it was prepared. The map is not to be used for any purpose other than that for which it was prepared.

**LEGEND**

**GENERAL NOTES:**

- 1. This map is based on the Flood Insurance Study (FIS) for the State of North Carolina, which was prepared by the Federal Emergency Management Agency (FEMA) and is based on the Flood Insurance Study (FIS) for the State of North Carolina.
- 2. The map is based on the Flood Insurance Study (FIS) for the State of North Carolina, which was prepared by the Federal Emergency Management Agency (FEMA) and is based on the Flood Insurance Study (FIS) for the State of North Carolina.
- 3. The map is based on the Flood Insurance Study (FIS) for the State of North Carolina, which was prepared by the Federal Emergency Management Agency (FEMA) and is based on the Flood Insurance Study (FIS) for the State of North Carolina.

**SYMBOLS:**

- Zone A: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone B: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone C: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone D: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone E: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone F: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone G: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone H: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone I: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone J: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone K: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone L: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone M: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone N: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone O: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone P: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone Q: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone R: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone S: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone T: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone U: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone V: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone W: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone X: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone Y: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone Z: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

**SCALE:** 1" = 1000'

**GRID NORTH**

**MAP SCALE:** 1" = 1000' (1:12,000)

**DATE:** 11/18/2010

**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM FLOOD INSURANCE RATE MAP**

**NORTH CAROLINA**

**PANEL B041**

**PANEL B00**

**DATE:** 11/18/2010

**PROJECT:** FIRM FLOOD INSURANCE RATE MAP

**STATE:** NORTH CAROLINA

**COUNTY:** [Blank]

**CITY/TOWN:** [Blank]

**PREPARED BY:** [Blank]

**APPROVED BY:** [Blank]

**DATE:** 11/18/2010

**STATE:** NORTH CAROLINA

**COUNTY:** [Blank]

**CITY/TOWN:** [Blank]

**PREPARED BY:** [Blank]

**APPROVED BY:** [Blank]

**DATE:** 11/18/2010

## **WETLANDS DETERMINATION**

---

There are no wetlands located within the project area.

## OPERATION PLAN

---

The following wastes will be accepted at this facility:

- Uncontaminated clean concrete broken into manageable sizes
- Clean uncontaminated brick, block and mortar
- Asphalt
- Aggregate base materials
- Copper pipe and sheet metal
- Brass
- Steel
- Aluminum
- Ferrous metals

This facility will not accept concrete brick or block materials contaminated with soils, asbestos, asbestos mastics or lead paints. Furthermore, no demolition debris will be sorted at this site. Metals will only be brought in by East Coast Abatement or East Coast Demolition employees and will not be accepted by other companies or the general public. This site will not be a salvage yard. Non-ferrous metals from small projects will be placed into roll off containers and trucked to the site daily to prevent theft from job sites. Once these roll off containers are filled, they will be taken to an outside recycling facility for salvage sale.

Asbestos and lead paint surveys are always performed prior to demolition project permitting by an independent licensed inspector according to DEQ and EPA regulations. All required DEQ and EPA notifications are obtained for each site prior to building demolition or disturbance of or removal of any suspect asbestos friable or non-friable material.

The estimated quantities of materials expected to be managed each day at this facility are as follows:

- Concrete..... 180 tons per day  
3,600 tons per month
- Brick and Block..... 100 tons per day  
2,000 tons per month
- Asphalt..... 80 tons per day  
1,600 tons per month
- Copper Pipe..... 200 pounds per day  
4,000 pounds per month
- Aluminum..... 200 pounds per day  
4,000 pounds per month
- Stainless Steel..... 200 pounds per day  
4,000 pounds per month

In addition, it is estimated that 600 tons per day of concrete, brick, block and asphalt materials will be processed when the mobile crusher is periodically moved to this site. Crushing operations will not be a daily occurrence. Rather, these materials will be stockpiled until sufficient quantities are on hand, thus being cost effective to mobilize and set up the mobile crusher and screener for material recycling. The

estimated time to complete the crushing and screening operation is three weeks depending on weather and the sizing of the materials to be recycled.

There is no applicable service area for this facility. No waste material is brought onto this site. Therefore, there will be no transfer of waste material to another facility. All materials stored at this site are 100% recyclable. However, stone will be sold to the general public and local contractors for use as roadway base material, parking lots, driveways, building pad structural fill, etc.

The equipment to be used to recycle the concrete, brick, block and asphalt will be as follows:

- Crusher – Terex Pegson 428 Trackpactor
- Screener – Powerscreen Chieftain 1400
- Loadrite LP950 on board digital printer
- Loadrite Pro System scales on board wheel loader

There will be no structures or tipping floors associated with this operation.

Site security is managed by a 24 hour guard in addition to video surveillance cameras. Access points are via locked gates. Off site access roads are asphalt paved while on site roads are an aggregate base. The hours of operation are from 6:30 a.m. to 6:30 p.m. weekdays and most Saturdays. The facility is closed on Sundays.

The entrance to the facility is a truck entrance only. No private vehicles will be allowed. There is a sign stating “All visitors must check in with the security office”. There will be another sign which states the following:

“Clean concrete, brick, block and asphalt accepted only. No foreign debris or mixed materials will be accepted. Approval of materials must be obtained prior to delivery to this site. Do not unload until you have clear directions from yard foreman and approval of load acceptance.”

The onsite yard foreman has been thoroughly trained in the materials that will be accepted at this site, as well as the proper location and placement within the yard of each type of product to be stockpiled. A foreman or site supervisor will be on the yard whenever materials are brought on site to be stockpiled.

On site processing operations will consist of the crushing of concrete, brick, block and asphalt into stone or recycled asphalt product by means of a portable fixed hammer impactor and the subsequent sorting of these materials by vibration and/or screening. There will be no processing of waste materials. In addition, there will be no chipping or mulching of wood.

Unacceptable materials are not anticipated to be a problem since they are not allowed to be brought to this site. Steel wired or rebar from crushed concrete will be sorted and placed into a roll off container for ferrous metals which will ultimately be taken to a local recycling facility. Other materials removed during screening will go into a roll off container and disposed of at a recycling facility or landfill. These other materials may be recyclables which will not be handled by this facility. They will be taken to Waterway Materials in Chesapeake, Virginia for recycling.

This site recently received a high density stormwater permit from the North Carolina Department of Environment and Natural Resources Division of Water Quality (please see Attachment H). Rainfall runoff from all impervious surfaces, to the maximum extent possible, will primarily sheet flow overland into a network of vegetative conveyance swales that will ultimately discharge to a wet detention pond located in the eastern corner of the project. This wet detention pond will collect sediment within its forebay section prior to transitioning into the main pond section. The detention pond is designed to meet 90% total suspended solids removal standards and will accommodate approximately 2.2 times the storage required for a one inch design storm event prior to overflowing into a vegetated outlet swale and drawdown device at the north end of the pond. The vegetative overflow swale is fitted with a level spreader device at the outlet of the pond's drawdown device and will discharge residual runoff to an existing vegetative outlet ditch along the northwestern property boundary.

This facility will not operate during steady precipitation events. Leachate, washwater and contaminated rainfall will not be present at this facility.

Noise should not be a concern due to the daytime-only use of state of the art equipment confined within a compound located in an industrial park in an area zoned "Heavy Manufacturing". The adjoining properties outside of the industrial park are all farmland or vacant parcels. Furthermore, there should be no odors emanating from the materials stored on site.

All haul roads and heavy equipment maneuvering areas will be maintained by water trucks for dust control. All crushing machines have dust suppression spray bar systems. Stockpiles will be wetted down prior to crushing. Litter is not anticipated to be a concern. However, any litter that does occur will be promptly secured and placed into containers located throughout the site.

No special waste handling is anticipated.

Fire prevention will be achieved by fire extinguishers located on all the machines. There is also a water truck which can be used to provide water for fire suppression. Additionally, a fire hydrant has been permitted by the North Carolina Public Water Supply Division to be installed on site. The materials to be stored on site are all non-combustible.

Record keeping is performed to monitor the tonnage of crushed materials by product type as they are placed into graded stockpiles to be sold. The total of each product is recorded by the on board loader scales and sent to the main office to be inventoried. Records are kept on buyers of product as well as receipts of tonnage tickets. In the event that concrete, asphalt, brick or block materials are accepted from an outside company, a completed waiver shall be provided certifying that the material is free of hazardous contaminants. It is also required that this waiver be signed by a corporate officer or the owner of the facility of origin.

The contingency plan for equipment breakdown is to immediately repair it at the adjacent equipment maintenance facility. Spills, long term power outage and extreme weather are not a factor at this site.

## **SEDIMENTATION AND EROSION CONTROL PLAN**

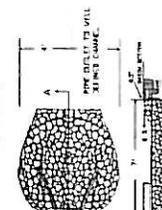
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Please see “Attachment F: NC Division of Land Resources Sedimentation and Erosion Control Permit” and “Attachment G: Erosion and Sediment Control Plan”.



**GENERAL PROJECT NOTES**

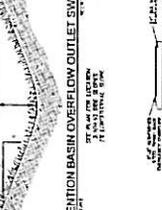
- PERMITS: ALL PERMITS MUST BE OBTAINED PRIOR TO CONSTRUCTION.
- CONSTRUCTION: ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PERMITS AND LOCAL ORDINANCES.
- EROSION CONTROL: ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION.
- SEDIMENT CONTROL: ALL SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION.
- WATER QUALITY: ALL WATER QUALITY MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION.
- VEGETATION: ALL VEGETATION SHALL BE PROTECTED AND RESTORED TO ORIGINAL CONDITION.
- SOIL STABILIZATION: ALL SOIL STABILIZATION MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION.
- SPILLWAY: ALL SPILLWAY MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION.
- DETENTION BASIN: ALL DETENTION BASIN MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION.
- OUTLET PROTECTION: ALL OUTLET PROTECTION MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION.
- COLLECTION SWALE: ALL COLLECTION SWALE MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION.
- OVERFLOW SPILLWAY: ALL OVERFLOW SPILLWAY MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION.
- OVERFLOW SPILLWAY SIDE SECTION: ALL OVERFLOW SPILLWAY SIDE SECTION MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION.
- DETENTION BASIN OVERFLOW OUTLET SWALE: ALL DETENTION BASIN OVERFLOW OUTLET SWALE MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION.
- DOWNSTREAM FORCE SECTION: ALL DOWNSTREAM FORCE SECTION MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION.



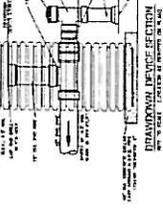
**PLAN VIEW**  
 1. 12" DIA. 10' W/LL  
 2. 12" DIA. 10' W/LL  
 3. 12" DIA. 10' W/LL



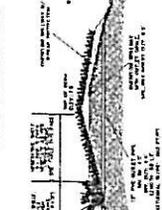
**SECTION A-A**  
 1. 12" DIA. 10' W/LL  
 2. 12" DIA. 10' W/LL  
 3. 12" DIA. 10' W/LL



**TYPICAL COLLECTION SWALE**  
 1. 12" DIA. 10' W/LL  
 2. 12" DIA. 10' W/LL  
 3. 12" DIA. 10' W/LL



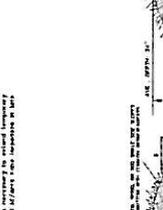
**DETENTION BASIN OVERFLOW OUTLET SWALE**  
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 2. 12" DIA. 10' W/LL  
 3. 12" DIA. 10' W/LL



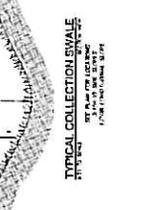
**DOWNSTREAM FORCE SECTION**  
 1. 12" DIA. 10' W/LL  
 2. 12" DIA. 10' W/LL  
 3. 12" DIA. 10' W/LL



**TYPICAL SPILLWAY FRONT SECTION**  
 1. 12" DIA. 10' W/LL  
 2. 12" DIA. 10' W/LL  
 3. 12" DIA. 10' W/LL

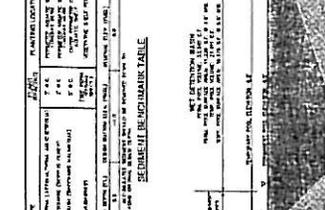


**TYPICAL SPILLWAY SIDE SECTION**  
 1. 12" DIA. 10' W/LL  
 2. 12" DIA. 10' W/LL  
 3. 12" DIA. 10' W/LL



**SEGMENT DIAGRAM TABLE**

NO.	DESCRIPTION	LENGTH (FEET)	START STATION	END STATION
1	SPILLWAY	100	0+00	1+00
2	COLLECTION SWALE	50	1+00	1+50
3	DETENTION BASIN	200	1+50	3+50
4	DOWNSTREAM FORCE SECTION	100	3+50	4+50



**WET DETENTION BASIN CROSS SECTION**  
 1. 12" DIA. 10' W/LL  
 2. 12" DIA. 10' W/LL  
 3. 12" DIA. 10' W/LL

## **FINANCIAL ASSURANCE**

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The maximum amount of concrete, brick, block and asphalt that this facility is estimated to be capable of storing on site is equal to 200 truckloads. The estimated cost to remove 200 loads of material from the site is \$170 per load for a total of \$34,000.00.

**SIGNATURE PAGES**

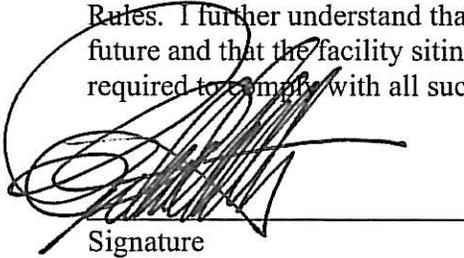
---

Signature page of applicant –

Name of facility East Coast Abatement and East Coast Demolition Companies

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision and that the information provided in this application is true, accurate, and complete to the best of my knowledge.

I understand that North Carolina General Statute 130A-22 provides for administrative penalties of up to fifteen thousand dollars (\$15,000.00) per day per each violation of the Solid Waste Management Rules. I further understand that the Solid Waste Management Rules may be revised or amended in the future and that the facility siting and operations of this solid waste management facility will be required to comply with all such revisions or amendments.



Signature

Richard C. Webb II  
Print Name

4-27-09  
Date

Owner  
Title

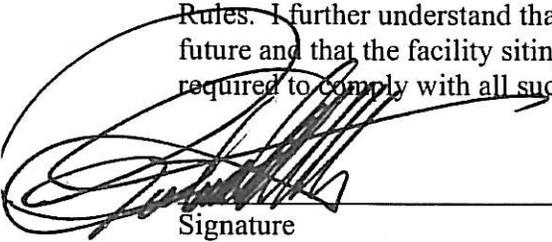
East Coast Abatement and East Coast Demolition Companies  
Business or organization name

Certification by Operator (if different from Applicant):

Name of facility East Coast Abatement and East Coast Demolition Companies

Richard C. Webb II has an agreement with the transfer station/recycling operation owner to operate a processor operation on the land and the land owner has specifically granted permission for the operation of the facility. I understand that both the operator and owner are jointly and severally liable for improper operations and proper closure of the processor operation.

I understand that North Carolina General Statute 130A-22 provides for administrative penalties of up to fifteen thousand dollars (\$15,000.00) per day per each violation of the Solid Waste Management Rules. I further understand that the Solid Waste Management Rules may be revised or amended in the future and that the facility siting and operations of this solid waste management facility will be required to comply with all such revisions or amendments.

  
Signature

Richard C. Webb II  
Print Name

4-27-09  
Date

Owner  
Title

East Coast Abatement and East Coast Demolition Companies  
Business or organization name

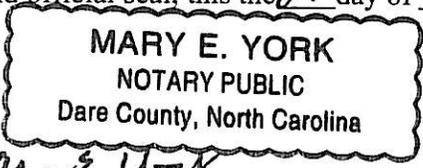
NORTH CAROLINA

Dare County

I, Mary E. York, a Notary Public for said County and State, do hereby certify that Richard C. Webb II personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 27<sup>th</sup> day of April, 2009.

(Official Seal)



Notary Public Mary E York

My commission expires June 24, 2011, 20

Certification by Land Owner (if different from Applicant):

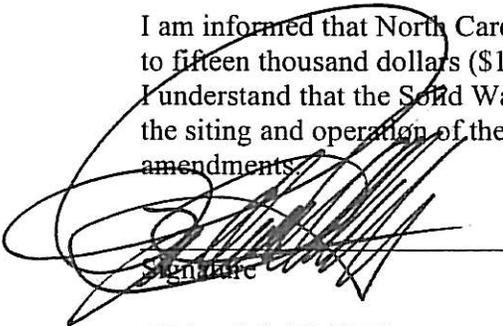
I hereby certify that I have read and understand the application submitted by

Bissell Professional Group, Inc. for a permit to operate a processor operation on land owned by the undersigned located at (address) 212 Windchaser Way; (city)

Moyock, NC, in Currituck County, and described in Deed Book and Page(s) D.B. 476 PG. 903-904.

I specifically grant permission for the proposed processor operation planned for operation within the confines of the land, as indicated in the permit application. I understand that any permit will be issued in the names of both the operator and the owner of the facility/property. I acknowledge that ownership of land on which a solid waste management facility is located may subject me to cleanup of said property in the event that the operator defaults as well as to liability under the federal Comprehensive Environmental Responsibility, Compensation and Liability Act ("CERCLA"). Without accepting any fault or liability, I recognize that ownership of land on which a solid waste management facility is located may subject me to claims from persons who may be harmed in their persons or property caused by the solid waste management facility.

I am informed that North Carolina General Statute 130A-22 provides for administrative penalties of up to fifteen thousand dollars (\$15,000) per day per each violation of the Solid Waste Management Rules. I understand that the Solid Waste Management Rules may be revised or amended in the future, and that the siting and operation of the facility will be required to comply with any such revisions or amendments.

  
Signature

4-27-09  
Date

Richard C. Webb II  
Print name

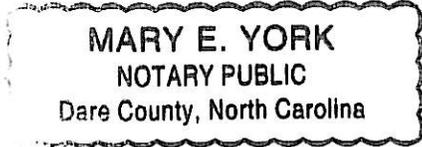
NORTH CAROLINA  
Dare County

I, Mary E. York Notary Public for said County and State, do hereby certify that Richard C. Webb II personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 27<sup>th</sup> day of April, 2009

(Official Seal)

Mary E. York  
Notary Public



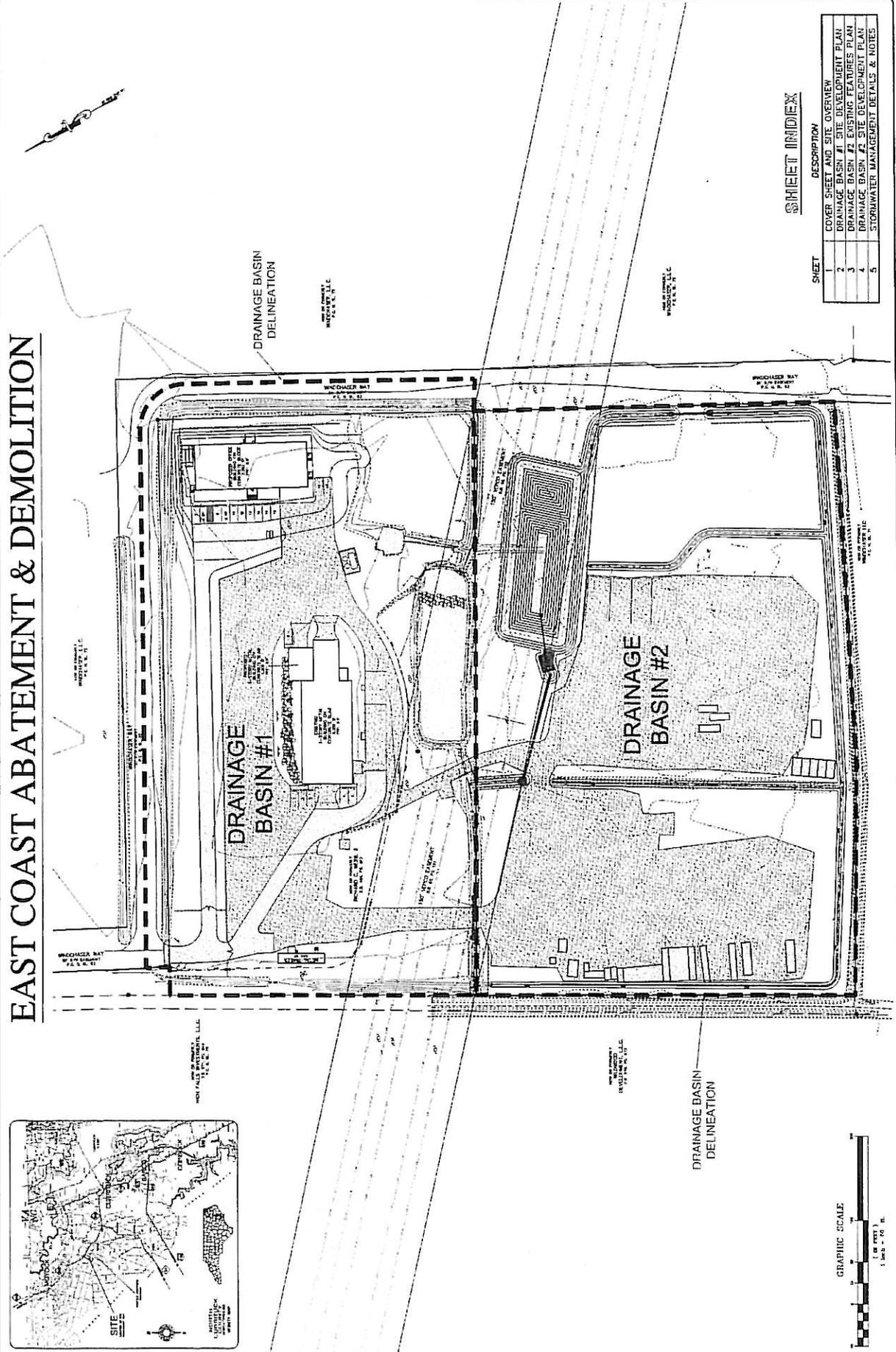
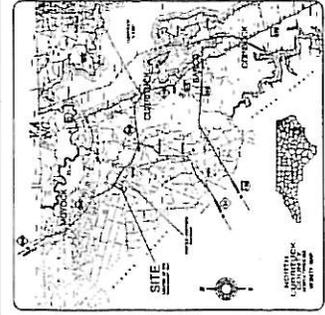
My commission expires June 24, 2011.

## **ENGINEERING DRAWINGS**

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Please see “Attachment I: Stormwater Management and Site Development Plan”.

# EAST COAST ABATEMENT & DEMOLITION



**RUSSELL**  
Engineering, Planning, Architecture  
and Environmental Services  
10000 Wilshire Blvd., Suite 1000  
Beverly Hills, CA 90210  
Tel: 310.274.1111  
Fax: 310.274.1112  
www.russellcorp.com

**SITE OVERVIEW**

EAST COAST ABATEMENT & DEMOLITION  
CITY OF LOS ANGELES  
NORTH CALIFORNIA

REVISIONS

NO.	DATE	DESCRIPTION
1		
2		
3		
4		
5		

**SHEET INDEX**

SHEET	DESCRIPTION
1	COVER SHEET AND SITE OVERVIEW
2	DRAINAGE BASIN #1 SITE DEVELOPMENT PLAN
3	DRAINAGE BASIN #2 EXISTING FEATURES PLAN
4	DRAINAGE BASIN #2 SITE DEVELOPMENT PLAN
5	STORMWATER MANAGEMENT DETAILS & NOTES





**GENERAL PROJECT NOTES**

1. CONSULT THE "GENERAL NOTES" FOR THE PROJECT'S SPECIFICATIONS.
2. CONSULT THE "GENERAL NOTES" FOR THE PROJECT'S SPECIFICATIONS.
3. CONSULT THE "GENERAL NOTES" FOR THE PROJECT'S SPECIFICATIONS.
4. CONSULT THE "GENERAL NOTES" FOR THE PROJECT'S SPECIFICATIONS.
5. CONSULT THE "GENERAL NOTES" FOR THE PROJECT'S SPECIFICATIONS.

**PERMANENT STONE**

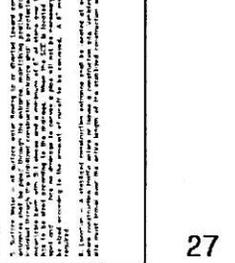
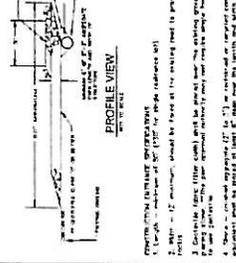
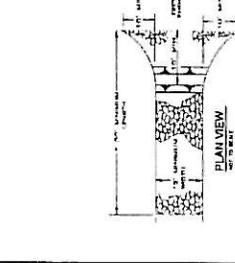
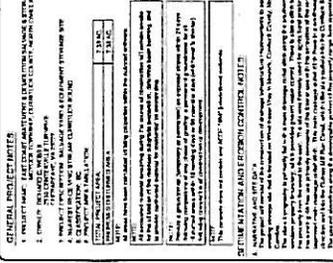
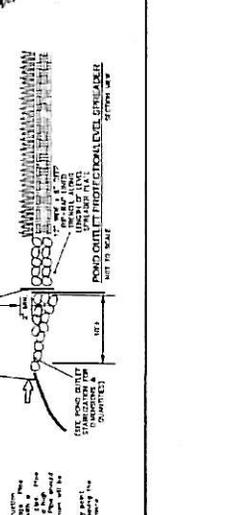
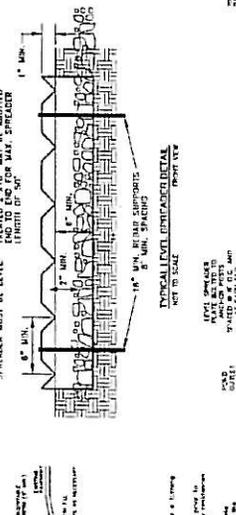
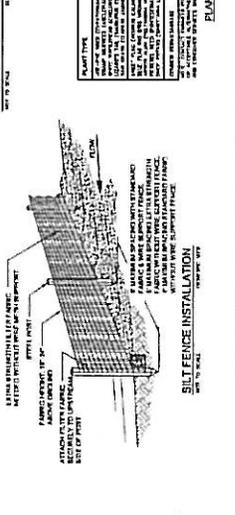
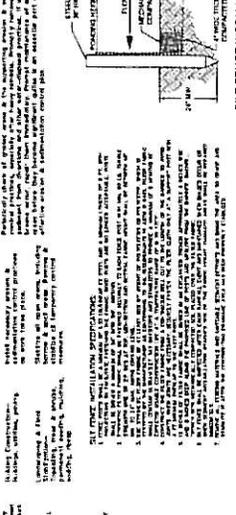
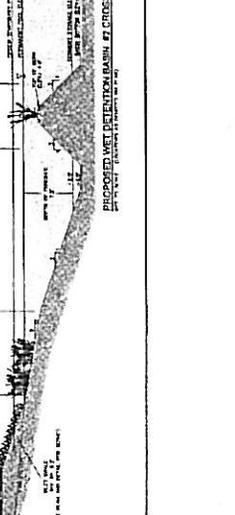
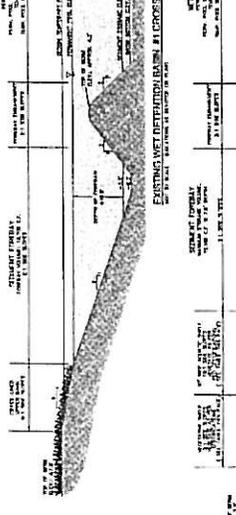
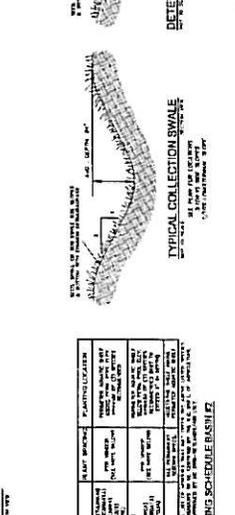
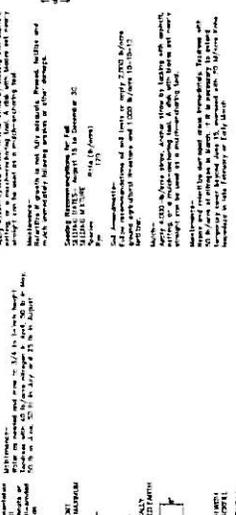
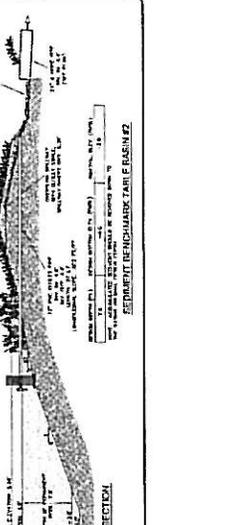
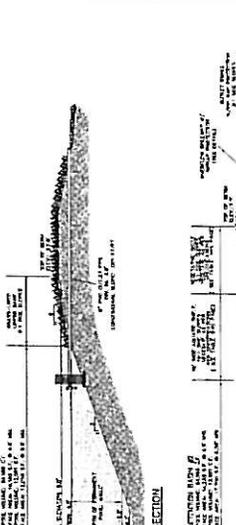
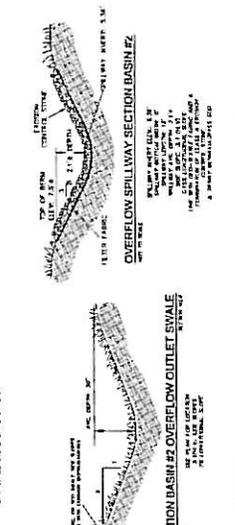
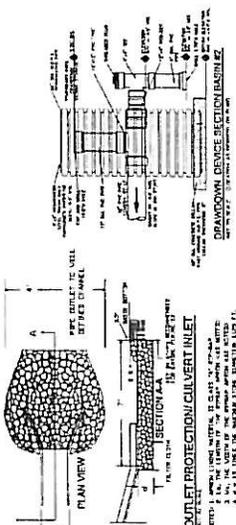
1. PERMANENT STONE SHALL BE QUARRIED AND DELIVERED TO THE PROJECT SITE IN A MANNER THAT WILL PROTECT THE STONE FROM DAMAGE AND CONTAMINATION.

**SEDIMENT CONTROL**

1. ALL SEDIMENT CONTROL STRUCTURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE "GENERAL NOTES" FOR THE PROJECT'S SPECIFICATIONS.

**VEGETATION**

1. VEGETATION SHALL BE PLANTED AND MAINTAINED IN ACCORDANCE WITH THE "GENERAL NOTES" FOR THE PROJECT'S SPECIFICATIONS.



**ATTACHMENTS**

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# ATTACHMENT A:

EPA STATUTE 261.2 – DEFINITION OF SOLID WASTE

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Home	29 CFR	40 CFR	49 CFR	Federal Register	MSDS Search	Purchase CFR e-Books

EPA 40 CFR PARTS 260, 261 & 270

of through volumes of the printed Code of Federal Regulations books?

§261.2 Definition of solid waste.

(a)(1) A *solid waste* is any discarded material that is not excluded by §261.4(a) or that is not excluded by variance granted under §§260.30 and 260.31.

(2) A *discarded material* is any material which is:

- (i) *Abandoned*, as explained in paragraph (b) of this section; or
- (ii) *Recycled*, as explained in paragraph (c) of this section; or
- (iii) Considered *inherently waste-like*, as explained in paragraph (d) of this section; or
- (iv) A *military munition* identified as a solid waste in 40 CFR 266.202.

(b) Materials are solid waste if they are *abandoned* by being:

- (1) Disposed of; or
- (2) Burned or incinerated; or
- (3) Accumulated, stored, or treated (but not recycled) before or in lieu of being abandoned by being disposed of, burned, or incinerated.

(c) Materials are solid wastes if they are *recycled* -- or accumulated, stored, or treated before recycling -- as specified in paragraphs (c)(1) through (4) of this section.

(1) *Used in a manner constituting disposal*. (i) Materials noted with a "\*" in Column 1 of Table I are solid wastes when they are:

- (A) Applied to or placed on the land in a manner that constitutes disposal; or
- (B) Used to produce products that are applied to or placed on the land or are otherwise contained in products that are applied to or placed on the land (in which cases the product itself remains a solid waste).

(ii) However, commercial chemical products listed in §261.33 are not solid wastes if they are applied to the land and that is their ordinary manner of use.

(2) *Burning for energy recovery*. (i) Materials noted with a "\*" in column 2 of Table 1 are solid wastes when they are:

- (A) Burned to recover energy;
- (B) Used to produce a fuel or are otherwise contained in fuels (in which cases the fuel itself remains a solid waste).

(ii) However, commercial chemical products listed in §261.33 are not solid wastes if they are themselves fuels.

(3) *Reclaimed*. Materials noted with a "\*" in column 3 of Table 1 are solid wastes when reclaimed (except as provided under §261.4(a)(17)). Materials noted with a "--" in column 3 of Table 1 are not solid wastes when reclaimed.

(4) *Accumulated speculatively*. Materials noted with a "\*" in column 4 of Table 1 are solid wastes when accumulated speculatively.

Table 1

Use constituting disposal	Energy recovery/ fuel (§ 261.4(a)(17))	Reclamation (§ 261.2(c)(3)) (except as provided in § 261.4(a)(17))	Speculativ accumulat

261.2 Definition of solid waste.

	(§ 261.2(c)(1))	(§ 261.2(c)(2))	for mineral processing secondary materials)	261.2(c)(4))
	1	2	3	
Spent Materials.....	(*)	(*)	(*)	(*)
Sludges (listed in 40 CFR Part 261.31 or 261.32.....	(*)	(*)	(*)	(*)
Sludges exhibiting a characteristic of hazardous waste..	(*)	(*)	(*)	(*)
By-products (listed in 40 CFR 261.31 or 261.32).....	(*)	(*)	(*)	(*)
By-products exhibiting a characteristic of hazardous waste.....	(*)	(*)	-	(*)
Commercial chemical products listed in 40 CFR 261.33....	(*)	(*)	-	(*)
Scrap metal other than excluded scrap metal (see 261.1(c)(9)).....	(*)	(*)	(*)	(*)

Note: The terms "spent materials," "sludges," "by-products," and "scrap metal" and "processed scrap metal" are defined in § 261.1.

(d) *Inherently waste-like materials.* The following materials are solid wastes when they are recycled in any manner:

(1) Hazardous Waste Nos. F020, F021 (unless used as an ingredient to make a product at the site of generation), F022, F023, F026, and F028.

(2) Secondary materials fed to a halogen acid furnace that exhibit a characteristic of a hazardous waste or are listed as a hazardous waste as defined in subparts C or D of this part, except for brominated material that meets the following criteria:

- (i) The material must contain a bromine concentration of at least 45%; and
- (ii) The material must contain less than a total of 1% of toxic organic compounds listed in appendix VIII; and
- (iii) The material is processed continually on-site in the halogen acid furnace via direct conveyance (hard piping).

(3) The Administrator will use the following criteria to add wastes to that list:

(i)(A) The materials are ordinarily disposed of, burned, or incinerated; or

(B) The materials contain toxic constituents listed in appendix VIII of part 261 and these constituents are not ordinarily found in raw materials or products for which the materials substitute (or are found in raw materials or products in smaller concentrations) and are not used or reused during the recycling process; and

(ii) The material may pose a substantial hazard to human health and the environment when recycled.

(e) *Materials that are not solid waste when recycled.* (1) Materials are not solid wastes when they can be shown to be recycled by being:

(i) Used or reused as ingredients in an industrial process to make a product, provided the materials are not being reclaimed; or

(ii) Used or reused as effective substitutes for commercial products; or

(iii) Returned to the original process from which they are generated, without first being reclaimed or land disposed. The material must be returned as a substitute for feedstock materials. In cases where the original process to which the material is returned is a secondary process, the materials must be managed such that there is no placement on the land. In cases where the materials are generated and reclaimed within the primary mineral processing industry, the conditions of the exclusion found at §261.4(a)(17) apply rather than this paragraph.

(2) The following materials are solid wastes, even if the recycling involves use, reuse, or return to the original process (described in paragraphs (e)(1) (i) through (iii) of this section):

(i) Materials used in a manner constituting disposal, or used to produce products that are applied to the land; or

(ii) Materials burned for energy recovery, used to produce a fuel, or contained in fuels; or

(iii) Materials accumulated speculatively; or

(iv) Materials listed in paragraphs (d)(1) and (d)(2) of this section.

(f) *Documentation of claims that materials are not solid wastes or are conditionally exempt from regulation.* Respondents in actions to enforce regulations implementing subtitle C of RCRA who raise a claim that a certain material is not a solid waste, or is conditionally exempt from regulation, must demonstrate that there is a known market or disposition for the material, and that they meet the terms of the exclusion or exemption. In doing so, they must provide appropriate documentation (such as contracts showing that a second person uses the material as an ingredient in a production process) to demonstrate that the material is not a waste, or is exempt from regulation. In addition, owners or operators of facilities claiming that they actually are recycling materials must show that they have the necessary equipment to do so.

[50 FR 664, Jan. 4, 1985, as amended at 50 FR 33542, Aug. 20, 1985; 56 FR 7206, Feb. 21, 1991; 56 FR 32688, July 17, 1991; 56 FR 42512, Aug. 27, 1991; 57 FR 38564, Aug. 25, 1992; 59 FR 48042, Sept. 19, 1994; 62 FR 6651, Feb. 12, 1997; 62 FR 26019, May 12, 1997; 63 FR 28636, May 26, 1998; 64 FR 24513, May 11, 1999; 67 FR 11253, Mar. 13, 2002]

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# ATTACHMENT B:

DEED OF OWNERSHIP (8 ½" X 14")

---

BOOK 476 PAGE 903  
FILED

216

'99 OCT 15 PM 4 30

CURRITUCK COUNTY 10/15/1999



\$160.00

Real Estate  
Excise Tax

CHARLENE Y. DOWDY  
REGISTER OF DEEDS  
CURRITUCK COUNTY N.C.

Excise Tax 160.00

Recording Time, Book and Page

Tax Lot No. .... Parcel Identifier No. ....  
Verified by ..... County on the ..... day of ....., 19.....  
by .....

Mail after-recording to William Brumsey, III, P. O. Box 100, Currituck, NC 27922

This instrument was prepared by William Brumsey, III/ppm File No.: 99B-25071

Brief description for the Index

7.3809 Acres, Moyock Township

### NORTH CAROLINA GENERAL WARRANTY DEED

THIS DEED made this 21 day of June, 1999, by and between

GRANTOR

GRANTEE

WINDCHASER, L.L.C., A North Carolina  
Limited Liability Company

RICHARD C. WEBB, II AND WIFE,  
PHYLLIS K. WEBB

165 Baxter Road  
Moyock, NC 27958

Enter in appropriate block for each party: name, address, and, if appropriate, character of entity, e.g. corporation or partnership.

The designation Grantor and Grantee as used herein shall include said parties, their heirs, successors, and assigns, and shall include singular, plural, masculine, feminine or neuter as required by context.

WITNESSETH, that the Grantor, for a valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantee in fee simple, all that certain lot or parcel of land situated in the City of Moyock, Moyock Township,

Currituck County, North Carolina and more particularly described as follows:

All that certain 7.3809 Acres as shown and delineated on a plat prepared by W. M. Meekins, Jr., Land Surveyor entitled "Survey of Parcel 3 of the Windchaser Concrete Tract for Windchaser, LLC" also known as Parcel 3 on said plat, recorded in the office of the Register of Deeds of Currituck County in Plat Cabinet G, Slide 62.

CURRITUCK COUNTY LAND TRANSFER TAX  
LAND TRANSFER TAX AMOUNT \$ 160.00  
DATE PAID 10/15/99 COLLECTOR *[Signature]*

The property hereinabove described was acquired by Grantor by instrument recorded in .....

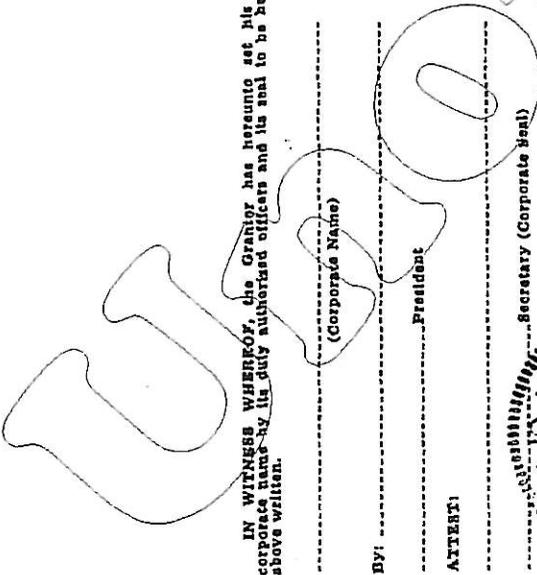
A map showing the above described property is recorded in Plat Book ..... page.....

TO HAVE AND TO HOLD the aforesaid lot or parcel of land and all privileges and appurtenances thereto belonging to the Grantee in fee simple.

And the Grantor covenants with the Grantee, that Grantor is seized of the premises in fee simple, has the right to convey the same in fee simple, that title is marketable and free and clear of all encumbrances, and that Grantor will warrant and defend the title against the lawful claims of all persons whomsoever except for the exceptions hereinafter stated.

Title to the property hereinabove described is subject to the following exceptions:

Reservations, restrictions and easements of record.



IN WITNESS WHEREOF, the Grantor has hereunto set his hand and seal, or if corporate, has caused this instrument to be signed in its corporate name by its duly authorized officers and its seal to be hereunto affixed by authority of its Board of Directors, the day and year first above written.

WINDCHASER, L.L.C., A North Carolina Limited Liability Company (SEAL)

BY: *Saint Clair Tillett* (Corporate Name) SAINT CLAIR TILLET - Member-Manager (SEAL)

ATTENT: *A. McCoy Tillett* A. MCCOY TILLET - Member-Manager (SEAL)

Secretary (Corporate Seal) (SEAL)

NORTH CAROLINA, SUXXI tuck County A. McCoy Tillett, Member-Managers of Windchaser, LLC Grantor,

personally appeared before me this day and acknowledged the execution of the foregoing instrument. Witness my hand and official stamp or seal, this 14 day of October, 2002.

My commission expires: 10-29-2002 *Tracy Jones* Notary Public

NORTH CAROLINA, County, Secretary of

personally came before me this day and acknowledged that as is a North Carolina corporation, and that by authority duly given and as the act of the corporation, the foregoing instrument was signed in its name by its President, sealed with its corporate seal and attested by as its Secretary.

Witness my hand and official stamp or seal, this day of 2002.

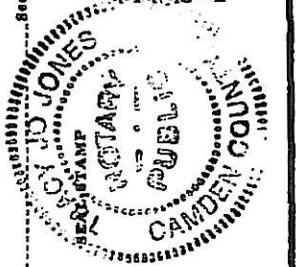
My commission expires: Notary Public

The foregoing Certificate(s) of *Tracy Jones* - *Secretary of Windchaser, LLC*

is/are certified to be correct. This instrument and this certificate are duly registered at the date and time and in the Book and Page shown on the first page hereof.

*Charlene J. Dandy* REGISTER OF DEEDS FOR COUNTY

BY *Charlene J. Dandy* Deputy/Assistant - Register of Deeds



---

**ATTACHMENT C:**  
**RECORDED PLAT (18" X 24")**

---

Certificate of Approval

I hereby certify that the Private Access Subdivision shown of this plot does involve the creation of new streets but no change in existing public streets...

10/13/99 DATE

H.B. BINGGLEY ADMINISTRATOR

H.B. BINGGLEY review officer of Currituck County, certify that the map or plat to which this certification is affixed meets all the statutory requirements for recording.

H.B. BINGGLEY Review Officer

Table with columns: LINE, BEARING, DISTANCE. Contains 12 rows of survey data.

VICINITY MAP: NOT TO SCALE

Further subdivision of any lot shown on this plot as served by a road or street may be prohibited by the Currituck County Unified Development Ordinance...

The survey creates a subdivision of land in an area covered by a subdivision ordinance.

Wesley M. Meekins, Jr. PLS-1465

NORTH CAROLINA, DARE COUNTY I, a Notary Public of the county and state aforesaid, certify that Wesley M. Meekins, Jr., a Registered Land Surveyor...

NOTARY PUBLIC

My Commission expires

Filed for registration on the 15 day of Oct, 1999

at 10 o'clock P.M. Plus Cabinet G Page 62

Charlene U. Dandy Karen S. Twiford Register of Deeds

Certificate of Ownership and Dedication

I hereby certify that I am the owner of the property described herein, which property is located within the subdivision regulation jurisdiction of Currituck County...

10-15-99 DATE

Wesley M. Meekins, Jr. Owner



Certificate of Survey and Accuracy

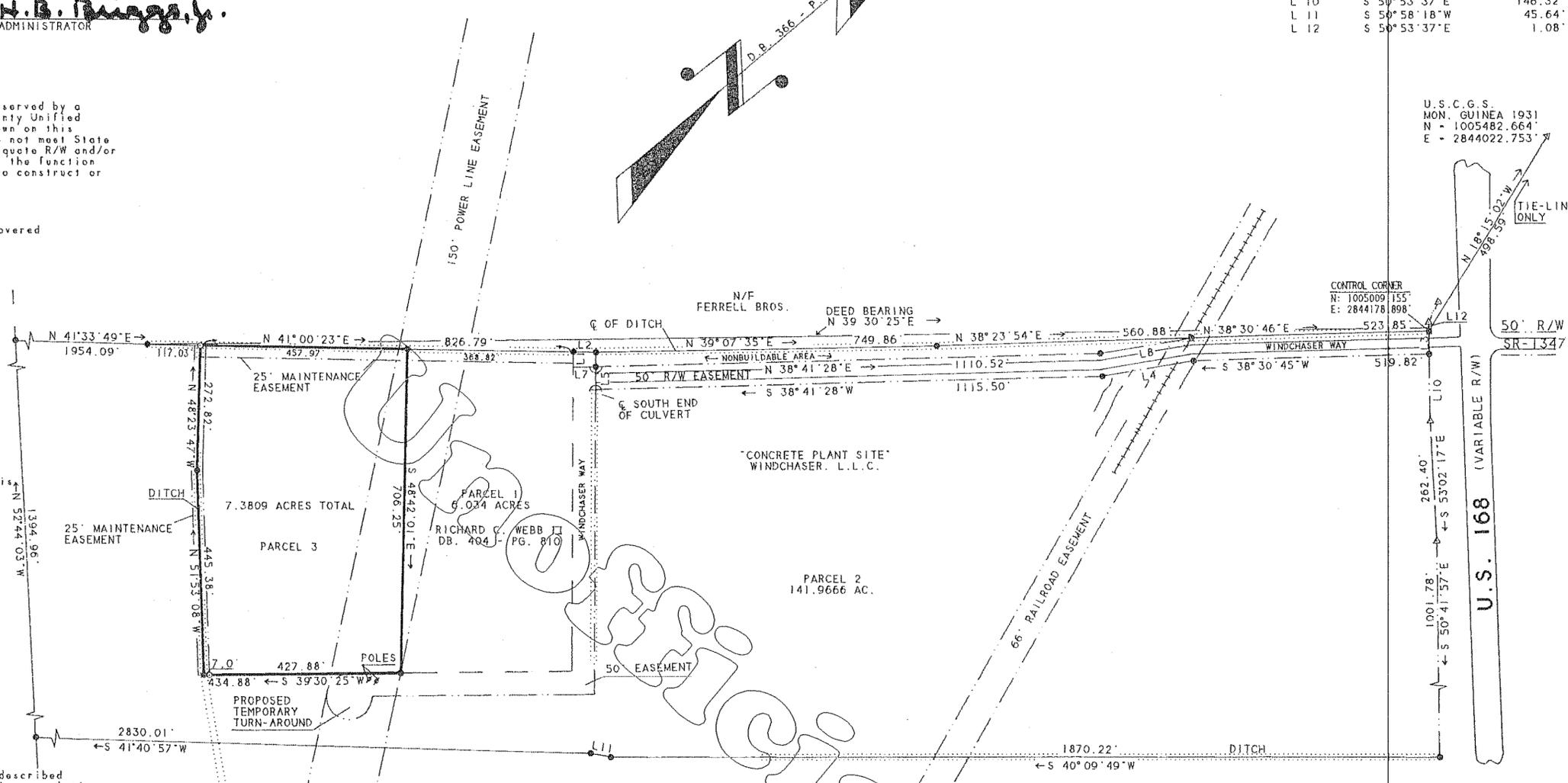
I hereby certify that this map was drawn by me from an actual survey made by me (a deed description recorded in Book 256 Page 919 of the Currituck County Registry) (other): that the error of closure as calculated by latitudes and departures is 1:10,000...

Wesley M. Meekins, Jr. Professional Land Surveyor

PLS-1465 Registration Number

W.M. MEEKINS, JR. & ASSOC., INC. Land Surveyors and Planners P.O. Box 1998 Manteo, NC 27954

Job No. CUR-182-97



LEGEND: Triangle for Right of Way Marker, Circle with dot for Existing Iron Pipe, Circle for Iron Pipe Set.

PLAT OF THREE LOT DIVISION FOR

WINDCHASER, L.L.C

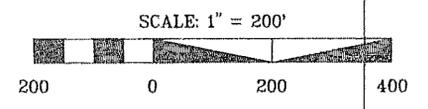
CURRITUCK COUNTY NORTH CAROLINA

CRAWFORD TWSP.

SURVEYED JANUARY 1999

W.M. MEEKINS JR. & ASSOC., INC

P.O. BOX 1998, MANTEO, N.C. 27954



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# ATTACHMENT D:

USGS TOPOGRAPHIC MAP (11" X 17")

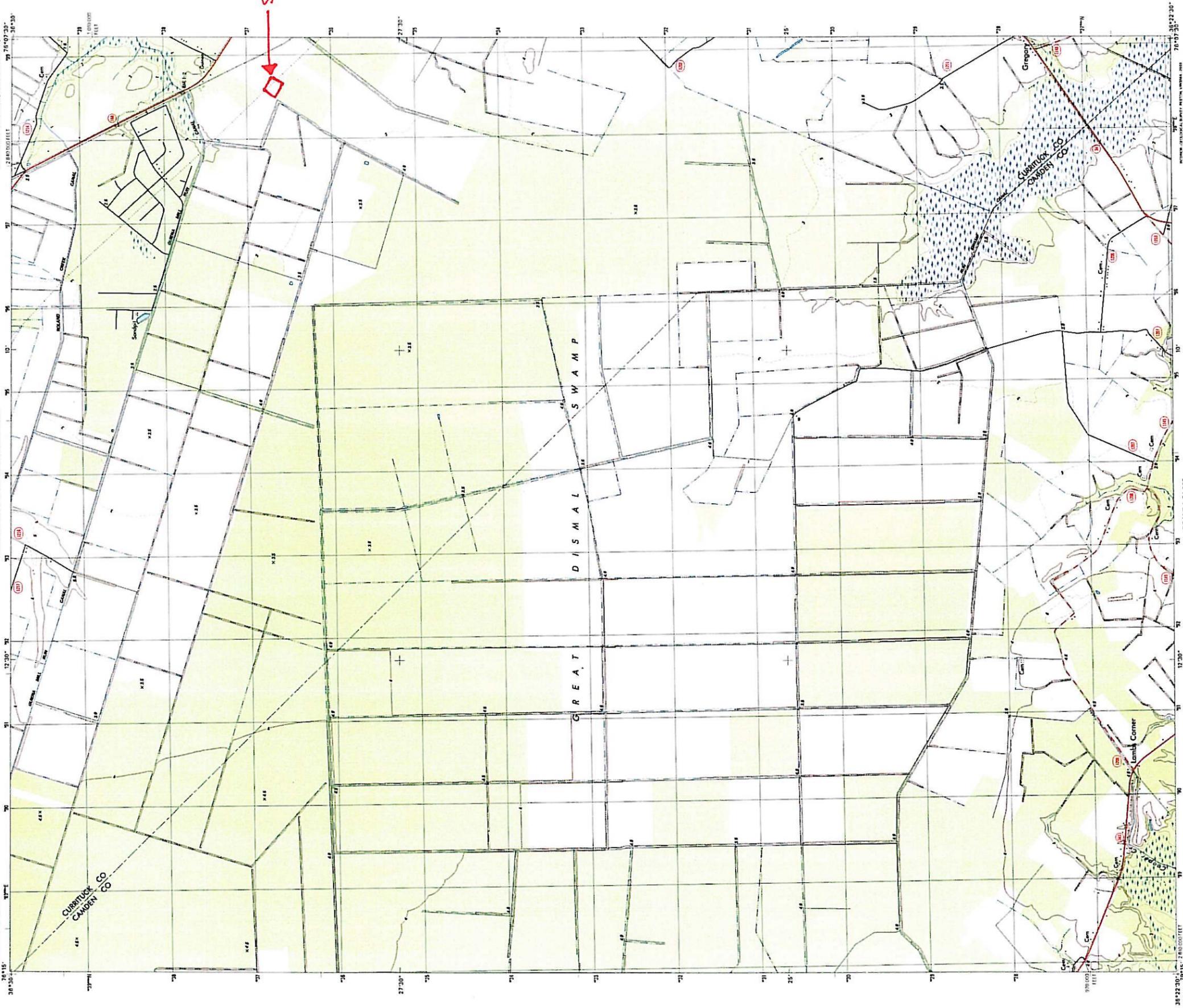
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U.S. DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY

STATE OF NORTH CAROLINA  
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
DIVISION OF LAND RESOURCES

LAMBS CORNER QUADRANGLE  
NORTH CAROLINA  
7.5-MINUTE SERIES TOPOGRAPHIC

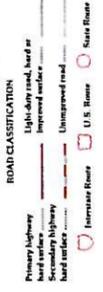


Produced by the United States Geological Survey  
Derived from imagery taken 1975 and other sources. Photoinspected using imagery taken 1997; no major culture or drainage changes observed. Survey control current as of 1977.  
North American Datum of 1983 (NAD 83). Projection and 10 000-foot ticks. North Carolina coordinate system (Lambert conformal conic).  
North American Datum of 1983 (NAD 83) is shown by dashed corner ticks. The values of the shift between NAD 27 and NAD 83 corner ticks are obtainable from National Geodetic Survey NADCON software.



CONTAINING INTERVALS IN METERS  
SUPPORTING CORRELATIONS ARE APPROXIMATE  
NATIONAL GEODETIC VERTICAL DATUM OF 1983  
(CONVERT ELEVATIONS SHOWN TO THE NEAREST 0.3 METERS  
OTHER ELEVATIONS SHOWN TO THE NEAREST 0.6 METERS)

THIS MAP COMPLETS WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 2588, DENVER, COLORADO 80225  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION  
Primary highway  
Secondary highway  
Unimproved road



QUADRANGLE LOCATION

1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLE NAMES



LAMBS CORNER, NC  
1997  
RIMA 5141 (REV. 05/95) 5480

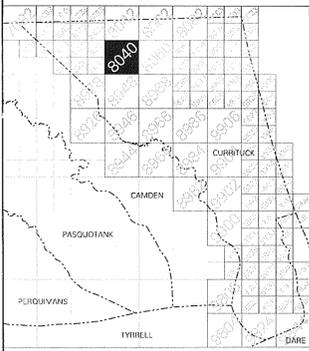
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# ATTACHMENT E:

FEMA FLOOD INSURANCE MAP (26" X 36")

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STATE OF NORTH CAROLINA FIRM PANEL LOCATOR DIAGRAM



DATUM INFORMATION

The projection used in the preparation of this map was the North Carolina State Plane (NAD83). The horizontal datum was the North American Datum of 1983, GRS80 ellipsoid. Differences in datum, ellipsoid, projection, or Universal Transverse Mercator zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdictional boundaries. These differences do not affect the accuracy of this FIRM. All coordinates on this map are in U.S. Survey Feet, where 1 U.S. Survey Foot = 1200/3937 Meters.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988 (NAVD 88). These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. An average offset between NAVD 88 and the National Geodetic Vertical Datum of 1929 (NGVD 29) has been computed for each North Carolina county. This offset was then applied to the NGVD 29 flood elevations that were not revised during the creation of this statewide format FIRM. The offsets for each county shown on this FIRM panel are shown in the vertical datum offset table below. Where a county boundary and a flooding source with unrevised NGVD 29 flood elevations are coincident, an individual offset has been calculated and applied during the creation of this statewide format FIRM. See Section 6.1 of the accompanying Flood Insurance Study report to obtain further information on the conversion of elevations between NAVD 88 and NGVD 29. To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the North Carolina Geodetic Survey at the address shown below. You may also contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at [www.ngs.noaa.gov](http://www.ngs.noaa.gov).

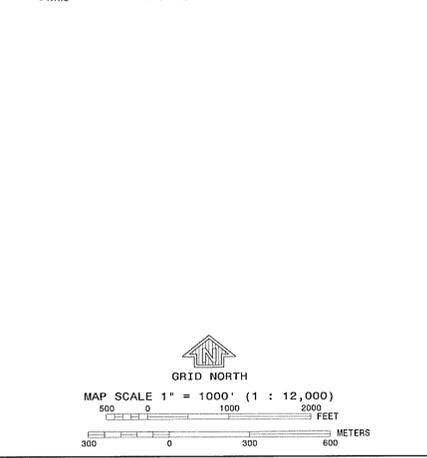
County	Average Vertical Datum Offset Table
Currituck	-0.91
Example: NAVD 88 = NGVD 29 + (-0.91)	

All streams listed in the Flood Hazard Data Table below were studied by detailed methods using field survey. Other flood hazard data shown on this map may have been derived using either a coastal analysis or limited detailed riverine analysis. More information on the flooding sources studied by these analyses is contained in the Flood Insurance Study report.



LEGEND

- SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD**
    - ZONE A** No Base Flood Elevations determined.
    - ZONE AE** Base Flood Elevations determined.
    - ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
    - ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
    - ZONE AR** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
    - ZONE AP9** Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
    - ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.
  - FLOODWAY AREAS IN ZONE AE**
    - The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.
  - OTHER FLOOD AREAS**
    - ZONE X** Areas 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.
  - OTHER AREAS**
    - ZONE X** Areas determined to be outside the 0.2% annual chance floodplain.
    - ZONE D** Areas in which flood hazards are undetermined, but possible.
  - COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS**
  - OTHERWISE PROTECTED AREAS (OPAs)**
- CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.
- 1% annual chance floodplain boundary
  - 0.2% annual chance floodplain boundary
  - Floodway boundary
  - Zone D boundary
  - CBRS and OPA boundary
  - Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
  - Base Flood Elevation line and value elevation in feet
  - Base Flood Elevation value where uniform within zone; elevation in feet
- \*Referenced to the North American Vertical Datum of 1988
- Cross section line
  - Transect line
- Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
- 2000-meter Universal Transverse Mercator grid ticks, zone 18
- 5000-foot grid values: North Carolina State Plane coordinate system (NAD 83)
- North Carolina Geodetic Survey bench mark (see explanation in the Datum Information section of this FIRM panel).
- National Geodetic Survey bench mark (see explanation in the Datum Information section of this FIRM panel).
- BM5510
  - BM5510
  - MT.5
  - River Mile



NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or Floodways have been determined, users are encouraged to consult the Flood Profiles, Floodway Data, Limited Detailed Flood Hazard Data, and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

**Coastal Base Flood Elevations** shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations tables should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of **regulatory floodways** shown on the FIRM for flooding sources studied by detailed methods were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data for flooding sources studied by detailed methods as well as **non-encroachment widths** for flooding sources studied by limited detailed methods are provided in the FIS report for this jurisdiction. The FIS report also provides instructions for determining a floodway using non-encroachment widths for flooding sources studied by limited detailed methods.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 4.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures in the jurisdictions.

**Base map** information and geospatial data used to develop this FIRM were obtained from various organizations, including the participating local communities, state and federal agencies, and/or other sources. The primary base for this FIRM is aerial imagery acquired as part of the National Digital Orthophoto Program. The time period of collection for the imagery is 1995-1999. Information and geospatial data supplied by the local community(ies) that met FEMA base map specifications were considered the preferred source for development of the base map. See geospatial metadata for the associated digital FIRM for additional information about base map preparation.

Base map features shown on this map, such as **corporate limits**, are based on the most up-to-date data available at the time of publication. **Changes in the corporate limits may have occurred since this map was published.** Map users should consult the appropriate community official or website to verify current conditions of jurisdictional boundaries and base map features. This map may contain roads that were not considered in the hydraulic analysis of streams where no new hydraulic model was created during the production of this statewide format FIRM.

This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels, community map repository addresses, and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each is located.

If you have **questions about this map**, or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at [www.fema.gov](http://www.fema.gov).

An accompanying Flood Insurance Study report, Letter of Map Revision (LOMR) or Letter of Map Amendment (LOMA) revising portions of this panel, and digital versions of this FIRM may be available. Visit the **North Carolina Floodplain Mapping Program** website at [www.ncfloodmaps.com](http://www.ncfloodmaps.com) or contact the **FEMA Map Service Center** at 1-800-358-9616 for information on all related products associated with this FIRM. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at [www.msc.fema.gov](http://www.msc.fema.gov).

**MAP REPOSITORY**  
Refer to listing of Map Repositories on Map Index or visit [www.ncfloodmaps.com](http://www.ncfloodmaps.com).

**EFFECTIVE DATE OF FLOOD INSURANCE RATE MAP PANEL**  
DECEMBER 16, 2005

**EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL**

For community map revision history prior to statewide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent, the North Carolina Division of Emergency Management or the National Flood Insurance Program at the following phone numbers or websites:  
NC Division of Emergency Management  
(919) 715-8900 [www.ncemergency.com](http://www.ncemergency.com)

National Flood Insurance Program  
1-800-638-6620 [www.fema.gov](http://www.fema.gov)

www.ncfloodmaps.com

**NATIONAL FLOOD INSURANCE PROGRAM**

PANEL 8040J

**FIRM**  
FLOOD INSURANCE RATE MAP  
NORTH CAROLINA

PANEL 8040  
(SEE LOCATOR DIAGRAM OR MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:  
COMMUNITY CURRITUCK COUNTY  
CID No. 370078  
PANEL 8040  
SUFFIX J

Notice to User: The **Map Number** shown below should be used when placing map orders. The **Community Number** shown above should be used on insurance applications for the subject community.

**EFFECTIVE DATE**  
DECEMBER 16, 2005

**MAP NUMBER**  
372180400J

State of North Carolina  
Federal Emergency Management Agency

---

# ATTACHMENT F:

NC DIVISION OF LAND RESOURCES

SEDIMENTATION & EROSION CONTROL PERMIT

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**State of North Carolina**  
Department of Environment and Natural Resources  
Washington Regional Office

Michael F. Easley, Governor

William G. Ross, Jr., Secretary

**DIVISION OF LAND RESOURCES**  
**LAND QUALITY SECTION**

November 14, 2008

**LETTER OF APPROVAL WITH MODIFICATIONS**

Mr. Richard C. Webb II & Mrs. Phyllis K. Webb  
2530 Centerville Turnpike  
Chesapeake, Virginia 23322

RE: Erosion and Sedimentation Control Plan No. Curri-2009-006  
Project Name: East Coast Salvage Yard  
Location: NC 168 County: Currituck  
River Basin: Pasquotank  
Date Received by LQS: October 18, 2008  
Acres Approved: 7.3 Project Type: New

Dear Sir or Madam:

This office has reviewed the subject erosion and sedimentation control plan. We find the plan to be acceptable and hereby issue this Letter of Approval with Modifications. The modifications required for approval are listed on the attached page. This plan approval shall expire three (3) years following the date of approval, if no land-disturbing activity has been undertaken, as required by 15A NCAC 4B.0129.

Please be advised that 15A NCAC 4B.0118(a) requires that a copy of the approved erosion and sedimentation control plan be on file at the job site. Also, you should consider this letter as giving the Notice required by G.S. 113A-61.1(a) of our right of periodic inspection to ensure compliance with the approved plan.

North Carolina's Sedimentation Pollution Control Program is performance oriented, requiring protection of existing natural resources and adjoining properties. If, following the commencement of this project, it is determined that the erosion and sedimentation control plan is inadequate to meet the requirements of the Sedimentation Pollution Control Act of 1973 (G.S. 113A-51 through 66), this office may require revisions to the plan and implementation of the revisions to ensure compliance with the Act.

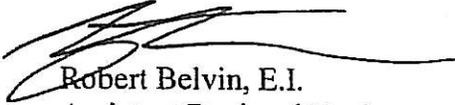
Mr. Richard C. Webb II & Mrs. Phyllis K. Webb  
November 14, 2008  
Page 2

Acceptance and approval of this plan is conditioned upon your compliance with Federal and State water quality laws, regulations and rules. In addition, local city or county ordinances or rules may also apply to this land-disturbing activity. This approval does not supersede any other permit or approval

Please be aware that your project will be covered by the enclosed NPDES General Stormwater Permit NCG010000 (Construction Activities). You should first become familiar with all of the requirements for compliance with the enclosed permit.

Please note that this approval is based in part on the accuracy of the information provided in the Financial Responsibility/Ownership Form, which you have submitted. You are required to file an amended form if there is any change in the information included on the form. In addition, 15A NCAC 4B.0127(c) requires that you notify this office of the proposed starting date for this project (using the enclosed Project Information Sheet). Please notify us if you plan to have a preconstruction conference.

Sincerely,

  
Robert Belvin, E.I.  
Assistant Regional Engineer

Enclosures

cc w/o enc: ✓ Bill Kingston, Bissell Professional Group  
Donna Volivia, Currituck County Planning Dept.  
Alton Hodge, Division of Water Quality

November 14, 2008

Erosion and Sedimentation Control Plan No. Curri-2009-006

Project Name: East Coast Salvage Yard

Project Acreage: 7.3

Project Description: Gravel Storage/Parking, including grading and drainage, as shown on the submitted plan dated October 16, 2008

## MODIFICATIONS

1. The LATEST APPROVED erosion and sediment control plan will be used during periodic unannounced inspections to determine compliance and a copy of the plan must be on file at the job site. If it is determined that the implemented plan is inadequate, this office may require the installation of additional measures and/or that the plan be revised to comply with state law;
2. Erosion and sediment control measures or devices are to be installed to safely withstand the runoff resulting from a 10 year storm event - 6.5 - 7 inches in 24 hours or at the rate of 6.5 - 7 inches in 1 hour.
3. Unless the off-site borrow and/or disposal sites are identified in the erosion control plan, no earthen material is to be brought on or removed from the project site;
4. Except in the case of a storm related emergency, **a revised erosion and sedimentation control plan must be submitted to and approved by this office prior to initiating any significant changes in the construction, grading or drainage plans;**
5. Buffer zone, sufficient to restrain visible sedimentation within the 25% of the width closest to the land disturbance, must be provided and maintained between the land-disturbing activity and any adjacent property or watercourse;
6. New or affected cut or filled slopes must be at an angle that can be retained by vegetative cover, AND **must be provided with a ground cover** sufficient to restrain erosion **within 21 calendar days of completion of any phase (rough or final) of grading (RYE GRASS IS NOT** in the **APPROVED** seeding specifications **NOR** is it an **ACCEPTABLE** substitute for the providing of a temporary ground cover);
7. The **CERTIFICATE OF PLAN APPROVAL** **must be posted** at the primary entrance to the job site and remain until the site is permanently stabilized;
8. Unless a temporary, manufactured, lining material has been specified, a clean straw mulch must be applied, at the minimum rate of 2 tons/acre, to all seeded areas. The mulch must cover at least 75% of the seeded area after it is either tacked, with an acceptable tacking material, or crimped in place;
9. In order to comply with the intent of the Act, the scheduling of the land-disturbing activities is to be such that both the area of exposure and the time between the land disturbance and the providing of a ground cover is minimized;

November 14, 2008

Erosion and Sedimentation Control Plan No. Curri-2009-006

Project Name: East Coast Salvage Yard

Modifications

Page 2

10. A **permanent ground cover**, sufficient to restrain erosion, **must be provided** within the shorter of 15 working or 90 calendar days (if in a High Quality Zone, the shorter of 15 working or 60 calendar days) after completion of construction or development on any portion of the tract (**RYE GRASS IS NOT** in the **APPROVED** seeding specifications **NOR** is it an **ACCEPTABLE** substitute for the providing of a nurse cover for the permanent grass cover);
11. Revisions exceeding the approved scope of this project without prior approval of the plan showing the changes can be considered a violation. Failure to comply with any part of the approved plan or with any requirements of this program could result in appropriate legal action (civil or criminal) against the financially responsible party. Legal actions include Stop Work Orders and the assessing of a civil penalty of up to \$5000 for the initial violation plus an additional penalty of up to \$5000 per day for each day the site is out of compliance;
12. Adequate and appropriate measures must be installed downstream of any land disturbing activity to prevent sedimentation from leaving the limits of disturbance, entering existing drainage systems, entering an on-site natural watercourse or adjoining property.

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# ATTACHMENT G:

EROSION & SEDIMENT CONTROL PLAN (24" X 36")

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**GENERAL PROJECT NOTES:**

- PROJECT NAME: EAST COAST ABATEMENT & DEMOLITION SALVAGE & STORAGE YARD  
MOYOCK TOWNSHIP, CURRITUCK COUNTY, NORTH CAROLINA
  - OWNER: RICHARD C. WEBB II  
2530 CENTERVILLE TURNPIKE  
CHESAPEAKE, VA 23222
  - PROJECT DESCRIPTION: SALVAGE YARD & EQUIPMENT STORAGE SITE
  - NEAREST RECEIVING STREAM: CURRITUCK SOUND
  - CLASSIFICATION: SC
- TOTAL PROJECT AREA:** 7.38 AC.  
**PROPOSED DISTURBED AREA:** 7.38 AC.
- NOTE:**  
All areas have been calculated utilizing properties within the AutoCAD software.
- NOTE:**  
All excavated material occurring during the course of construction will remain on-site for the utilization of the roadway subgrade preparation, detention basin berming, and to provide enhanced material for residential lot overgrading.
- NOTE:**  
Provide a groundcover (temporary or permanent) on exposed slopes within 21 days following completion of any phase of grading; a permanent groundcover for all disturbed areas within 15 working days or 90 calendar days (whichever is shorter) following completion of construction or development.
- NOTE:**  
This property does not contain any ACOE '004' Jurisdictional wetlands.

**CONSTRUCTION SEQUENCE SCHEDULE**

- CONSTRUCTION ACTIVITY**  
Construction Access  
Construction entrance, construction routes, equipment parking areas
- Sediment Traps & Barriers  
Basin traps, sediment fences, & outlet protection
- Runoff Control—  
Diversions, perimeter dikes, water bars, and outlet protection
- Runoff Conveyance System—  
Stabilize streambanks, storm drains, channels, inlet & outlet protection, slope drains
- Land Clearing & Grading—  
Site preparation—cutting, filling & grading, sediment traps, barriers, diversions, drains, surface roughening
- Surface Stabilization—  
Temporary & permanent seeding, mulching, sodding, riprap.
- Building Construction—  
Buildings, utilities, paving.
- Landscaping & Final Stabilization—  
Topsoiling, shrubs, permanent seeding, mulching, sodding, riprap

**SCHEDULE CONSIDERATION**

- First land-disturbing activity—Stabilize bare areas immediately with gravel & temporary vegetation as construction takes place.
- Install principal basins after construction site is accessed. Install additional traps and barriers as needed during grading.
- Install key practices after principal sediments traps and before land grading. Install additional runoff-control conveyance measures during grading.
- Where necessary, stabilize streambanks as early as possible. Install principal runoff conveyance system with runoff-control measures. Install remainder of system after grading.

**LAND GRADING CONSTRUCTION SPECIFICATIONS**

- Construct & maintain all erosion & sedimentation control practices & measures in accordance with the approved sedimentation control plan and construction schedule.
- Remove good topsoil from areas to be graded and filled, and preserve it for use in finishing the grading of all critical areas.
- Scarify areas to be topsoiled to a minimum depth of 2 inches before placing topsoil.
- Clear & grub areas to be filled to remove trees, vegetation, roots, or other objectionable material that would affect the planned stability of fill.
- Ensure that fill material is free of brush, rubbish, rocks, logs, stumps, building debris, and other materials inappropriate for constructing stable fills.
- 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.
- Do not incorporate frozen material or soft, mucky, or highly compressible materials into fill slopes.
- Do not place fill on a frozen foundation, due to possible subsidence and slippage.
- Keep diversions and other water conveyance measures free of sediment during all phases of development.
- Handle seeps or springs encountered during construction in accordance with approved methods.
- Provide a groundcover (temporary or permanent), device or structure to restrain erosion on exposed slopes within 21 calendar days, following completion of any phase of grading; 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.
- Provide adequate protection from erosion for all topsoil stockpiles, borrow areas, and spoil areas.

**PERMANENT SEEDING**

- The purpose of permanent seeding is to reduce erosion and decrease sediment yield from disturbed areas, and to permanently stabilize such areas in a manner that is economical, adapts to site conditions, and allows selection of the most appropriate plant materials. These areas must be seeded or planted within 15 working days or 90 calendar days after final grade is reached, unless temporary stabilization is applied.
- SEEDING RECOMMENDATIONS FOR SUMMER**  
SEEDING DATES: April to July  
SEEDING MIXTURE  
Species Rate  
Common bermudagrass 10/1,000 sf (sprigs)  
1-2 lb/1,000 sf (seed)
- SEEDING NOTES—**  
1. Spring or Snow. Moisture is essential during initial establishment. Sod must be kept watered for 2-3 weeks, but can be planted earlier or later than sprigs.  
2. Soil Amendments—Apply lime and fertilizer according to soil tests or apply 3,000 lb/acre ground agricultural limestone and 500 lb/acre 10-10-10 fertilizer, or 50 lb/acre nitrogen from turf-type slow-release fertilizer. Add 25-50 lb/acre nitrogen at 2-3 week intervals through midsummer.  
3. Sprigging—Plant sprigs in furrows with a tractor-drawn planter, or broadcast by hand.  
4. Furrows should be 4-6 inches deep and 2 feet apart. Place sprigs about 2 ft. apart in a row with one end at or above ground level.  
5. Broadcast at rates shown above, and press sprigs into the top 1/2-2 inches of soil with a disk set straight so that sprigs are not brought back toward the surface.  
6. Mulch—Do not mulch.  
7. Maintenance—Water as needed and mow to 3/4 to 1-inch height. Topdress with 40 lb/acre nitrogen in April, 50 lb in May, 50 lb in June, 50 lb in July, and 25 lb in August.

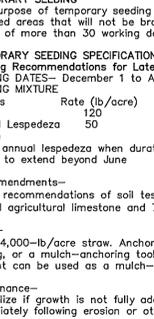
**TEMPORARY SEEDING**

- The purpose of temporary seeding is to temporarily stabilize denuded areas that will not be brought to final grade for a period of more than 30 working days.
- SEEDING RECOMMENDATIONS FOR LATE WINTER & EARLY SPRING**  
SEEDING DATES— December 1 to April 15  
SEEDING MIXTURE  
Species Rate (lb/acre)  
Rye 120  
Annual Lespedeza 50  
(Kobe)  
Apply annual lespedeza when duration of temporary cover is not to extend beyond June.
- SEEDING RECOMMENDATIONS FOR FALL**  
SEEDING DATES— August 15 to December 30  
SEEDING MIXTURE  
Species Rate (lb/acre)  
Rye 120  
Soil Amendments—Follow recommendations of soil tests or apply 2,000 lb/acre ground agricultural limestone and 1,000 lb/acre 10-10-10 fertilizer.

**SODDING**

- The purpose of permanent seeding is to prevent erosion and damage from sediment and runoff by stabilizing the soil surface with permanent vegetation for the purpose of—  
-the provision of immediate vegetative cover in critical areas  
-to stabilize disturbed areas with a suitable plant material that cannot be established by seed.  
-to stabilize drainageways & channels and other areas of concentrated flow where flow velocities will not exceed that specified grass lining.
- SODDING SPECIFICATIONS**  
Soil Quality  
-Sod should be machine cut at a uniform depth of 1 1/2-2 inches  
-Sod should not have been cut in excessively wet or dry weather.  
-Sections of sod should be standard size as determined by the supplier, uniform, and uniform.  
-Sections of sod should be strong enough to support their own weight and retain their size and shape when lifted by their end.  
-Harvest, delivery, on- installation of sod should take place within a period of 36 hours.  
Soil Amendments—Apply lime and fertilizer according to soil tests or apply 2 tons/acre of pulverized agricultural limestone and 1,000 lb/acre 10-10-10 fertilizer in the fall, or 5-10-10 in spring.  
Prior to laying sod, clear the soil surface of trash, debris, roots, branches, stones, and clods larger than 2 inches in diameter. Fill or level low spots in order to avoid standing water. Rake or harrow the site to achieve a smooth and level final grade. Complete soil preparation by rolling or outpacking to firm soil.

**OUTLET PROTECTION/ CULVERT INLET**



**SEEDING RECOMMENDATIONS FOR FALL**

- SEEDING DATES— August 15 to December 30  
SEEDING MIXTURE  
Species Rate (lb/acre)  
Rye 120  
Soil Amendments—Follow recommendations of 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 reseed damaged areas immediately. Topdress with 50 lb/acre of nitrogen in March. If it is necessary to extend temporary cover beyond June 15, overseed with 50 lb/acre Kobe lespedeza in late February or Early March.

**SEEDING RECOMMENDATIONS FOR LATE WINTER & EARLY SPRING**

- SEEDING DATES— December 1 to April 15  
SEEDING MIXTURE  
Species Rate (lb/acre)  
Rye 120  
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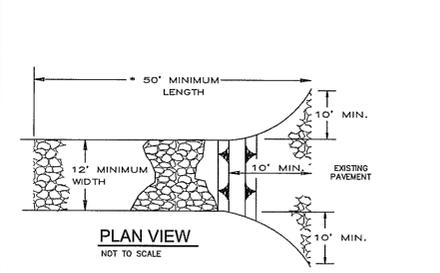
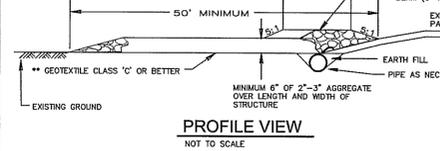
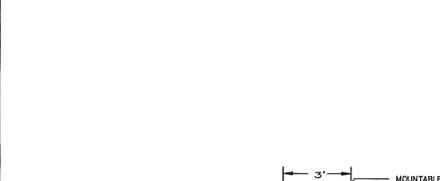
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**SEDIMENTATION AND EROSION CONTROL NOTES:**

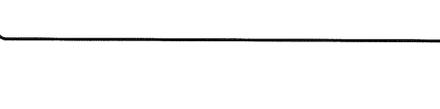
- A. NARRATIVE AND SITE DATA**  
The project will consist of the construction of drainage infrastructure improvements to service the existing storage site that is located on Windchaser Way in Moyock, Currituck County, North Carolina. The site's topography is primarily flat with a main drainage outlet ditch along the southern and western property boundary, which provides ground water control. There is also a ditch bisecting the property from the west to the east. The site was formerly used for agricultural production so the existing ditches are primarily remnants of the former use with the exception of the recently improved main drainage outlet ditch. This main drainage outlet ditch flows in a southeasterly direction and into the Guiney Mill Run Canal, which ultimately outlets into the Currituck Sound. The ground elevations along the developable portion of the property range from approximately 7 ft to 9 ft m.s.l. Landuse in the vicinity predominantly consists of farmland. Site soils in the developable portion of the site are composed primarily of Roanoke fine sandy loam. Roanoke soil is described as a poorly drained soil with slow permeability located on broad flats in highly depressed drainageways. Slopes range from 0 to 2 percent (as per the Currituck County Soil Survey Manual dated 1988).
- B. MAINTENANCE:**  
1. CHECK TEMPORARY EROSION CONTROL DEVICES AFTER EACH SIGNIFICANT RAINFALL AND/OR BI-WEEKLY. REPAIR AND REMOVE SEDIMENT BUILD-UP AS NECESSARY.  
2. CHECK STABILIZED AREAS AFTER EACH SIGNIFICANT RAINFALL EVENT. BILLS AND GULLIES MUST BE REPAIRS, RE-SEEDED AND MULCHED AS SOON AS POSSIBLE. TEMPORARY DIVERSIONS MAY BE NECESSARY UNTIL NEW PLANTS DEVELOP. BARE SPOTS MUST BE RELIEVED, FERTILIZED, MULCHED AND RESEEDED AS PROMPTLY AS POSSIBLE. YEARLY REFERTILIZATION MAY BE REQUIRED TO MAINTAIN PRODUCTIVE STANDS.  
3. PERFORM ROUTINE MAINTENANCE (INCLUDING MOWING AND CLEANING OF ROADWAY SWALE) ONCE FINAL STABILIZATION HAS OCCURRED.
- C. NOTE:**  
THE INTENT OF THIS PLAN IS TO:  
- MINIMIZE THE EXTENT AND DURATION OF DISTURBED SOIL EXPOSURE.  
- PROTECT DISTURBED AREAS FROM STORMWATER RUNOFF.  
- STABILIZE DISTURBED AREAS AS SOON AS POSSIBLE.  
- MAINTAIN LOW RUNOFF VELOCITIES (AND PROTECT AREAS WHERE THIS IS NOT POSSIBLE).  
- RETAIN SEDIMENT ON SITE WITH SILT FENCING AND SILT DAMS. THIS PLAN REPRESENTS MINIMUM SEDIMENTATION AND EROSION CONTROL MEASURES. ADDITIONAL MEASURES AND DEVICES MAY BE REQUIRED AS CONSTRUCTION PROCEEDS.



**CONSTRUCTION ENTRANCE SPECIFICATIONS**

- Length - minimum of 50' (\*30' for single residence lot).
- Width - 12' minimum, should be flared at the existing road to provide a turning radius.
- Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. The plan approval authority may not require single family residences to use geotextile.
- Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
- Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
- Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

**TYPICAL LEVEL SPREADER DETAIL**



**OVERFLOW SPILLWAY FRONT SECTION**



**OVERFLOW SPILLWAY SIDE SECTION**



**WET DETENTION BASIN BASIN CROSS SECTION**



**SEDIMENT BENCHMARK TABLE**

PLANT TYPE	PLANT SPACING	PLANTING LOCATION
CATTAILS (TYPHA LATIFOLIA, TYPHA ANGIUSTIFOLIA)	2' O.C.	PERIMETER AQUATIC SHELF FOREBAY BERM
OLNEY THREESQUARE (SCIRPUS OLNEYI)	2' O.C.	PERIMETER AQUATIC SHELF FOREBAY BERM
GROUNDSEL BUSH (BACCHARIS HALIMIFOLIA)	5' O.C.	OUTER PERIMETER OF AQUATIC SHELF
COMMON BERMUDDGRASS	(SEE PERMANENT SEEDING SPECS)	VEGETATIVE SHELF PERIMETER

**SEDIMENT BENCHMARK TABLE**

DESIGN DEPTH (FT.)	DESIGN BOTTOM ELEV. (FMSL)	REMOVAL ELEV. (FMSL)
6.5	-1.0	0.0

**SEDIMENT BENCHMARK TABLE**

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# ATTACHMENT H:

NC DIVISION OF WATER QUALITY

STORMWATER PERMIT

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North Carolina Department of Environment and Natural Resources

Division of Water Quality

Coleen H. Sullins

Director

Dee Freeman

Secretary

Beverly Eaves Perdue  
Governor

March 18, 2009

received  
3/27/09

Mr. Richard C. Webb II, Owner  
2530 Centerville Turnpike  
Chesapeake, VA 23322

**Subject: Stormwater Permit No. SW7981121MOD  
East Coast Abatement & Demolition  
High Density Project  
Currituck County**

POSTED  
3/30/09

Dear Mr. Webb:

The Washington Regional Office received a complete Stormwater Management Permit Application for the modification and renewal of the subject project on January 8, 2009. Staff review of the plans and specifications has determined that the project, as proposed, will comply with the Stormwater Regulations set forth in Title 15A NCAC 2H.1000. We are forwarding Permit No. SW7981121MOD dated March 18, 2009, for the renewal and construction of the modifications of the subject project.

This permit shall be effective from the date of issuance until March 18, 2019, and shall be subject to the conditions and limitations as specified therein. Please pay special attention to the Operation and Maintenance requirements in this permit. Failure to establish an adequate system for operation and maintenance of the stormwater management system will result in future compliance problems.

If any parts, requirements, or limitations contained in this permit are unacceptable, you have the right to request an adjudicatory hearing upon written request within thirty (30) days following receipt of this permit. This request must be in the form of a written petition, conforming to Chapter 150B of the North Carolina General Statutes, and filed with the Office of Administrative Hearings, 6714 Mail Service Center, Raleigh, NC 27699-6714. Unless such demands are made this permit shall be final and binding.

If you have any questions, or need additional information concerning this matter, please contact Scott Vinson, or me at (252) 946-6481.

Sincerely,

Al Hodge  
Regional Supervisor  
Surface Water Protection Section

AH/sv: S:\WQS\STORMWATER\PERMIT\SW7981121M

cc: David Ryan, PE – Bissell Professional Group ✓  
Currituck County Building Inspections  
Washington Regional Office  
Central Files

STATE OF NORTH CAROLINA  
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
DIVISION OF WATER QUALITY

STATE STORMWATER MANAGEMENT PERMIT

HIGH DENSITY DEVELOPMENT

In accordance with the provisions of Article 21 of Chapter 143, General Statutes of North Carolina as amended, and other applicable Laws, Rules, and Regulations

PERMISSION IS HEREBY GRANTED TO

*Richard C. Webb, II*

*East Coast Abatement & Demolition*

*Currituck County*

FOR THE

construction, operation and maintenance of two wet detention ponds in compliance with the provisions of 15A NCAC 2H .1000 (hereafter referred to as the "stormwater rules") and the approved stormwater management plans and specifications and other supporting data as attached and on file with and approved by the Division of Water Quality and considered a part of this permit.

This permit shall be effective from the date of issuance until March 18, 2019, and shall be subject to the following specified conditions and limitations:

**I. DESIGN STANDARDS**

1. This permit is effective only with respect to the nature and volume of stormwater described in the application and other supporting data.
2. This stormwater system has been approved for the management of stormwater runoff as described in Section I.6 on page 3 of this permit. The stormwater controls have been designed to handle the runoff from 124,951 square feet of impervious area to pond #1 and 145,069 square feet of impervious area to pond #2.
3. The tract will be limited to the amount of built-upon area indicated on page 3 of this permit, and per approved plans.
4. All stormwater collection and treatment systems must be located in either dedicated common areas or recorded easements. The final plats for the project will be recorded showing all such required easements, in accordance with the approved plans.
5. The runoff from all built-upon area within the permitted drainage areas of this project must be directed into the permitted stormwater control systems.

6. The following design criteria have been provided in the wet detention ponds and must be maintained at design condition:

	<u>D.A. #1</u>	<u>D.A. #2</u>
a. Drainage Area, ft <sup>2</sup> :	294,711	321,605
b. Total Impervious Surfaces, ft <sup>2</sup> :	124,951	145,069
c. Design Storm, inches:	1.00	1.00
d. Pond Depth, feet:	10.0 (6.3avg.)	7.50 (3.79avg.)
e. TSS removal efficiency:	90%	90%
f. Permanent Pool Elevation, FMSL:	4.80	4.50
g. Permanent Pool Surface Area, ft <sup>2</sup> :	10,182	14,285
h. Permitted Storage Volume, ft <sup>3</sup> :	12,051	13,681
i. Temporary Storage Elevation, FMSL:	6.00	5.36
j. Controlling Orifice:	1.25"Ø pipe	1.75"Ø pipe
k. Permitted Forebay Volume, ft <sup>3</sup> :	13,705	12,166
l. Receiving Stream/River Basin:	Currituck Sound / Pasquotank	
m. Stream Index Number:	30 - 1	
n. Classification of Water Body:	"SC"	

## II. SCHEDULE OF COMPLIANCE

1. The stormwater management systems shall be constructed in its entirety, vegetated and operational for its intended use prior to the construction of any built-upon surface.
2. During construction, erosion shall be kept to a minimum and any eroded areas of the system will be repaired immediately.
3. The permittee shall at all times provide the operation and maintenance necessary to assure the permitted stormwater system functions at optimum efficiency. The approved Operation and Maintenance Plan must be followed in its entirety and maintenance must occur at the scheduled intervals including, but not limited to:
  - a. Semiannual scheduled inspections (every 6 months).
  - b. Sediment removal.
  - c. Mowing and revegetation of slopes and the vegetated filter.
  - d. Immediate repair of eroded areas.
  - e. Maintenance of all slopes in accordance with approved plans and specifications.
  - f. Debris removal and unclogging of outlet structure, orifice device, flow spreader, catch basins and piping.
  - g. Access to the outlet structure must be available at all times.
4. Records of maintenance activities must be kept and made available upon request to authorized personnel of DWQ. The records will indicate the date, activity, name of person performing the work and what actions were taken.

5. The facilities shall be constructed as shown on the approved plans. This permit shall become voidable unless the facilities are constructed in accordance with the conditions of this permit, the approved plans and specifications, and other supporting data.
6. Upon completion of construction, prior to issuance of a Certificate of Occupancy, and prior to operation of this permitted facility, a certification must be received from an appropriate designer for the system installed certifying that the permitted facility has been installed in accordance with this permit, the approved plans and specifications, and other supporting documentation. Any deviations from the approved plans and specifications must be noted on the Certification. A modification may be required for those deviations.
7. If the stormwater system was used as an Erosion Control device, it must be restored to design condition prior to operation as a stormwater treatment device, and prior to occupancy of the facility.
8. Access to the stormwater facilities shall be maintained via appropriate easements at all times.
9. The permittee shall submit to the Director and shall have received approval for revised plans, specifications, and calculations prior to construction, for any modification to the approved plans, including, but not limited to, those listed below:
  - a. Any revision to any item shown on the approved plans, including the stormwater management measures, built-upon area, details, etc.
  - b. Project name change.
  - c. Transfer of ownership.
  - d. Redesign or addition to the approved amount of built-upon area or to the drainage area.
  - e. Further subdivision, acquisition, lease or sale of all or part of the project area. The project area is defined as all property owned by the permittee, for which Sedimentation and Erosion Control Plan approval or a CAMA Major permit was sought.
  - f. Filling in, altering, or piping of any vegetative conveyance shown on the approved plan.
10. The permittee shall submit final site layout and grading plans for any permitted future areas shown on the approved plans, prior to construction.
11. A copy of the approved plans and specifications shall be maintained on file by the Permittee at all times.
12. The Director may notify the permittee when the permitted site does not meet one or more of the minimum requirements of the permit. Within the time frame specified in the notice, the permittee shall submit a written time schedule to the Director for modifying the site to meet minimum requirements. The permittee shall provide copies of revised plans and certification in writing to the Director that the changes have been made.

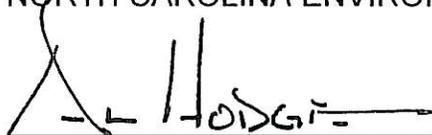
### III. GENERAL CONDITIONS

1. This permit is not transferable except after notice to and approval by the Director. In the event of a change of ownership, or a name change, the permittee must submit a formal permit transfer request to the Division of Water Quality, accompanied by a completed name/ownership change form, documentation from the parties involved, and other supporting materials as may be appropriate. The approval of this request will be considered on its merits and may or may not be approved. The permittee is responsible for compliance with all permit conditions until such time as the Division approves the transfer request.

2. Failure to abide by the conditions and limitations contained in this permit may subject the Permittee to enforcement action by the Division of Water Quality, in accordance with North Carolina General Statute 143-215.6A to 143-215.6C.
3. The issuance of this permit does not preclude the Permittee from complying with any and all statutes, rules, regulations, or ordinances, which may be imposed by other government agencies (local, state, and federal) having jurisdiction.
4. In the event that the facilities fail to perform satisfactorily, including the creation of nuisance conditions, the Permittee shall take immediate corrective action, including those as may be required by this Division, such as the construction of additional or replacement stormwater management systems.
5. The permittee grants DENR Staff permission to enter the property during normal business hours for the purpose of inspecting all components of the permitted stormwater management facility.
6. The permit may be modified, revoked and reissued or terminated for cause. The filing of a request for a permit modification, revocation and reissuance or termination does not stay any permit condition.
7. Unless specified elsewhere, permanent seeding requirements for the stormwater control must follow the guidelines established in the North Carolina Erosion and Sediment Control Planning and Design Manual.
8. Approved plans and specifications for this project are incorporated by reference and are enforceable parts of the permit.
9. The permittee shall notify the Division any name, ownership or mailing address changes within 30 days.
10. This permit shall be effective from the date of issuance until March 18, 2019. Application for permit renewal shall be submitted 180 days prior to the expiration date of this permit and must be accompanied by the processing fee.

Permit issued this the 18<sup>th</sup> day of March, 2009.

NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION



\_\_\_\_\_ for  
Coleen H. Sullins, Director  
Division of Water Quality  
By Authority of the Environmental Management Commission

**Permit No. SW7981121 MODIFICATION**

East Coast Abatement & Demolition  
Stormwater Permit No. SW7981121  
Currituck County

**Designer's Certification**

I, \_\_\_\_\_, as a duly registered \_\_\_\_\_ in the State of North Carolina, having been authorized to observe (periodically/ weekly/ full time) the construction of the project,

\_\_\_\_\_  
(Project)

for \_\_\_\_\_ (Project Owner) hereby state that, to the best of my abilities, due care and diligence was used in the observation of the project construction such that the construction was observed to be built within substantial compliance and intent of the approved plans and specifications.

The checklist of items on page 2 of this form is included in the Certification.

Noted deviations from approved plans and specification:

SEAL

Signature \_\_\_\_\_

Registration Number \_\_\_\_\_

Date \_\_\_\_\_

Certification Requirements:

- \_\_\_ 1. The drainage area to the system contains approximately the permitted acreage.
- \_\_\_ 2. The drainage area to the system contains no more than the permitted amount of built-upon area.
- \_\_\_ 3. All the built-upon area associated with the project is graded such that the runoff drains to the system.
- \_\_\_ 4. All roof drains are located such that the runoff is directed into the system.
- \_\_\_ 5. The outlet/bypass structure elevations are per the approved plan.
- \_\_\_ 6. The outlet structure is located per the approved plans.
- \_\_\_ 7. Trash rack is provided on the outlet/bypass structure.
- \_\_\_ 8. All slopes are grassed with permanent vegetation.
- \_\_\_ 9. Vegetated slopes are no steeper than 3:1.
- \_\_\_ 10. The inlets are located per the approved plans and do not cause short-circuiting of the system.
- \_\_\_ 11. The permitted amounts of surface area and/or volume have been provided.
- \_\_\_ 12. Required drawdown devices are correctly sized per the approved plans.
- \_\_\_ 13. All required design depths are provided.
- \_\_\_ 14. All required parts of the system are provided, such as a vegetated shelf, and a forebay.
- \_\_\_ 15. The required system dimensions are provided per the approved plans.

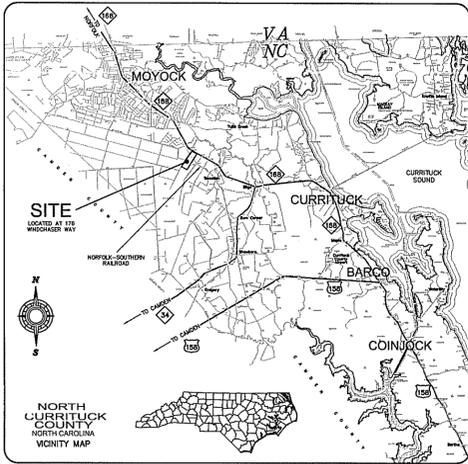
cc: NCDENR-DWQ Regional Office  
Currituck County Building Inspections

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**ATTACHMENT I:**  
**STORMWATER MANAGEMENT &**  
**SITE DEVELOPMENT PLAN (24" X 36")**

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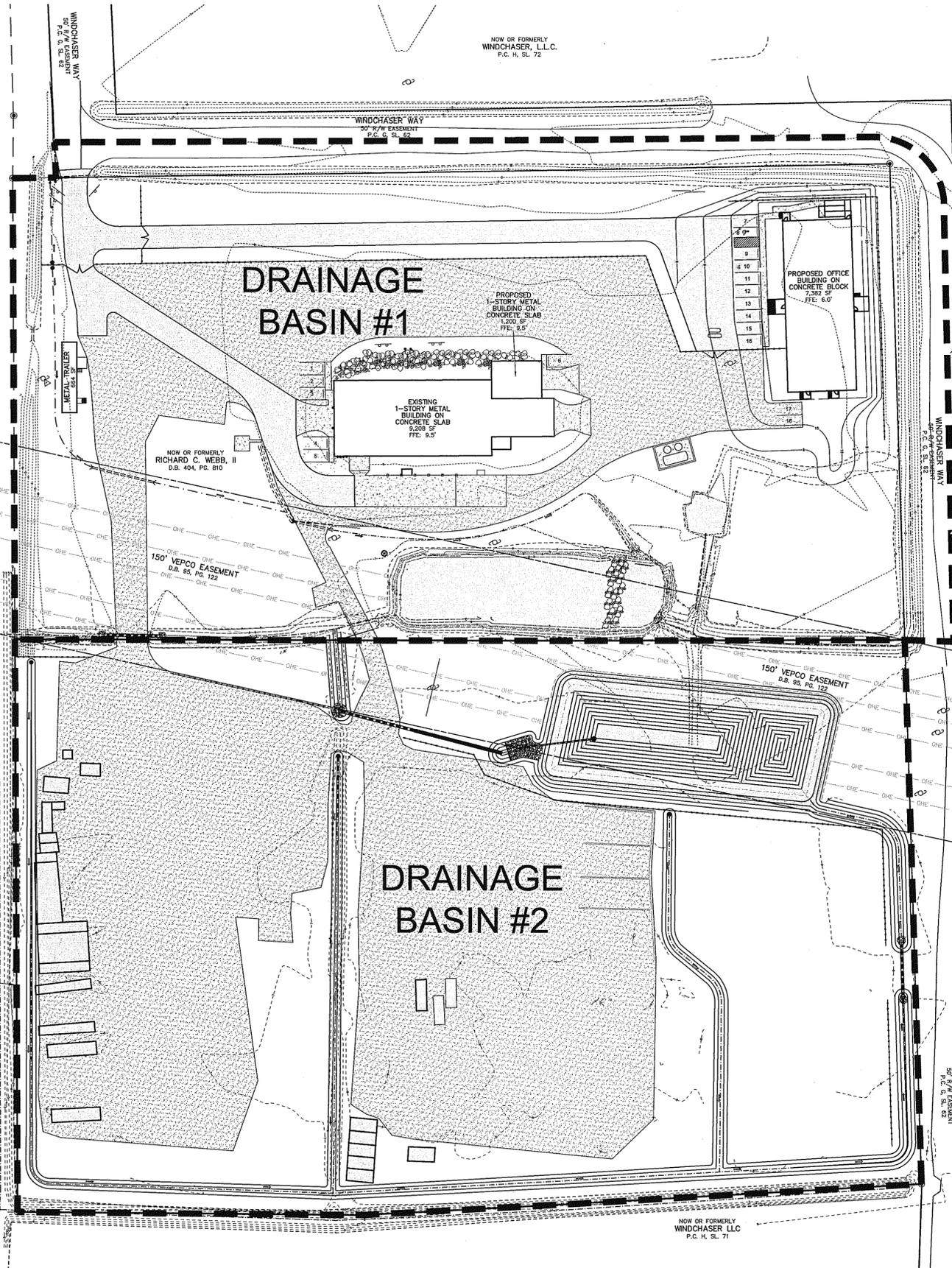
# EAST COAST ABATEMENT & DEMOLITION



NOW OR FORMERLY  
HIGH FALLS INVESTMENTS, L.L.C.  
D.B. 971, PG. 844  
P.C. D. SL. 79

DRAINAGE BASIN  
DELINEATION

NOW OR FORMERLY  
WILDWOOD  
DEVELOPMENT, L.L.C.  
D.B. 978, PG. 673



DRAINAGE BASIN  
DELINEATION

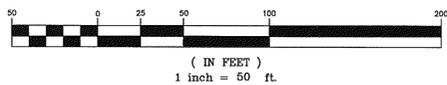
NOW OR FORMERLY  
WINDCHASER, L.L.C.  
P.C. H. SL. 72

NOW OR FORMERLY  
WINDCHASER, L.L.C.  
P.C. H. SL. 72

DRAINAGE  
BASIN #2

NOW OR FORMERLY  
WINDCHASER, L.L.C.  
P.C. H. SL. 71

GRAPHIC SCALE



## SHEET INDEX

SHEET	DESCRIPTION
1	COVER SHEET AND SITE OVERVIEW
2	DRAINAGE BASIN #1 SITE DEVELOPMENT PLAN
3	DRAINAGE BASIN #2 EXISTING FEATURES PLAN
4	DRAINAGE BASIN #2 SITE DEVELOPMENT PLAN
5	STORMWATER MANAGEMENT DETAILS & NOTES

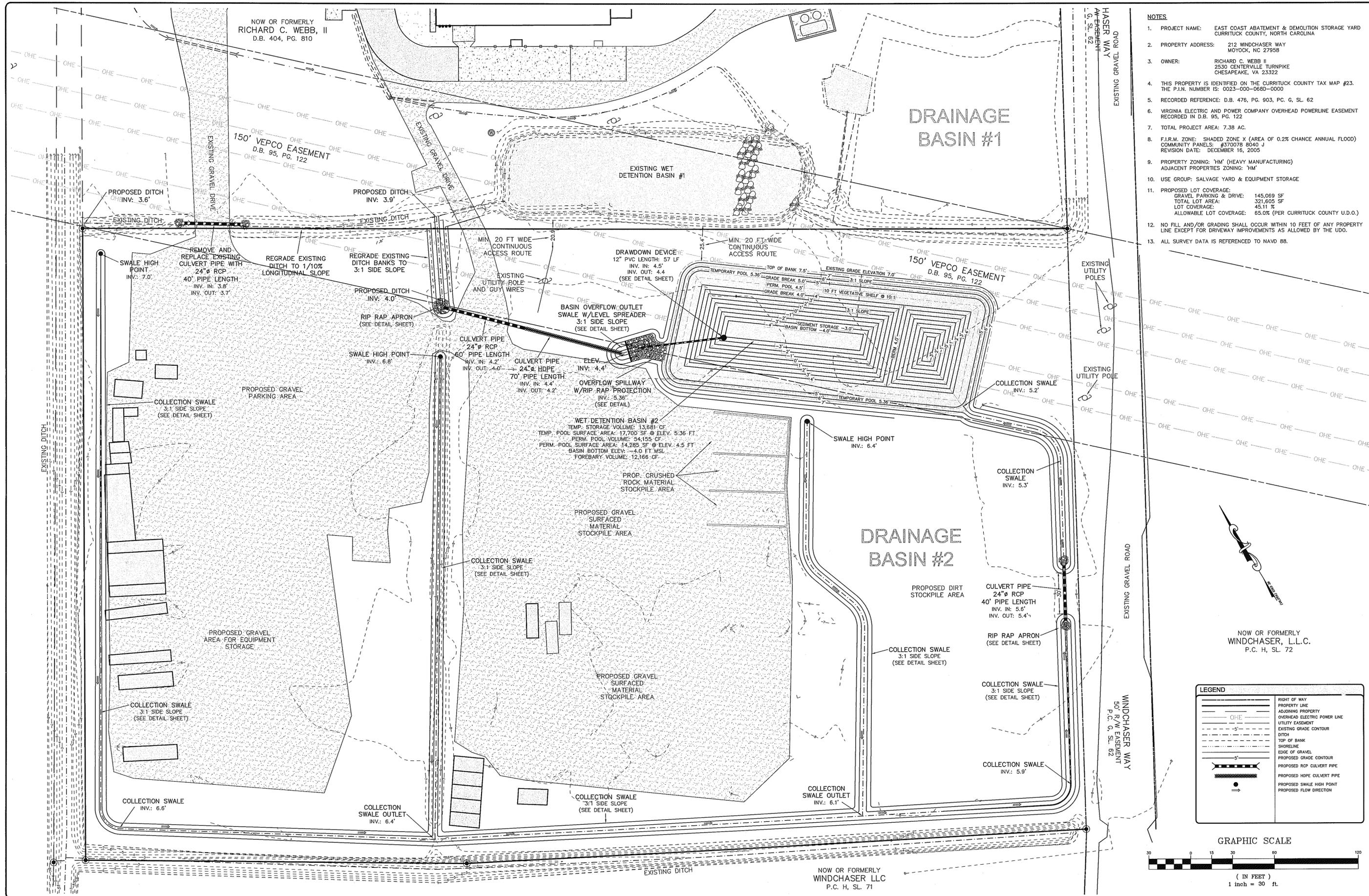
**BISSELL**  
PROFESSIONAL GROUP  
Engineers, Planners, Surveyors  
and Environmental Specialists

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PROJECT:  
**EAST COAST ABATEMENT & DEMOLITION**  
NORTH CAROLINA  
MAYOCK TOWNSHIP  
CURRITUCK COUNTY

NO.	DATE	DESCRIPTION	BY	CHKD.
1	1/2/08	ISSUE FOR PERMITTING	DMR	DMR
2				
3				
4				
5				

DATE: 9/25/08 1" = 30'  
DESIGNER: BPG CHECKER: DMR  
DRAWN: WCK APPROVED: DMR  
SHEET: 1 OF 5  
CAD FILE: 354500S2  
PROJECT NO: 3545



- NOTES**
- PROJECT NAME: EAST COAST ABATEMENT & DEMOLITION STORAGE YARD CURRITUCK COUNTY, NORTH CAROLINA
  - PROPERTY ADDRESS: 212 WINDCHASER WAY MOYOCK, NC 27958
  - OWNER: RICHARD C. WEBB II 2530 CENTERVILLE TURNPIKE CHESAPEAKE, VA 23322
  - THIS PROPERTY IS IDENTIFIED ON THE CURRITUCK COUNTY TAX MAP #23. THE P.L.N. NUMBER IS: 0023-000-0680-0000
  - RECORDED REFERENCE: D.B. 476, PG. 903, P.C. G, SL. 62
  - VIRGINIA ELECTRIC AND POWER COMPANY OVERHEAD POWERLINE EASEMENT RECORDED IN D.B. 95, PG. 122
  - TOTAL PROJECT AREA: 7.38 AC.
  - F.I.R.M. ZONE: SHADED ZONE X (AREA OF 0.2% CHANCE ANNUAL FLOOD) COMMUNITY PANELS: #370078 8040 J REVISION DATE: DECEMBER 16, 2005
  - PROPERTY ZONING: 'HM' (HEAVY MANUFACTURING) ADJACENT PROPERTIES ZONING: 'HM'
  - USE GROUP: SALVAGE YARD & EQUIPMENT STORAGE
  - PROPOSED LOT COVERAGE: GRAVEL PARKING & DRIVE: 145,069 SF TOTAL LOT AREA: 321,605 SF LOT COVERAGE: 45.11% ALLOWABLE LOT COVERAGE: 65.0% (PER CURRITUCK COUNTY U.D.O.)
  - NO FILL AND/OR GRADING SHALL OCCUR WITHIN 10 FEET OF ANY PROPERTY LINE EXCEPT FOR DRIVEWAY IMPROVEMENTS AS ALLOWED BY THE UDO.
  - ALL SURVEY DATA IS REFERENCED TO NAVD 88.

**BISSELL PROFESSIONAL GROUP**  
 Engineers, Planners, Surveyors and Environmental Specialists  
 1000 Highway 101, Suite 200, Moyock, NC 27958  
 P.O. Box 1008, Moyock, NC 27958  
 Phone: (252) 281-1740  
 Fax: (252) 281-1740

**SITE DEVELOPMENT PLAN**  
 DRAINAGE BASIN 2

**EAST COAST ABATEMENT & DEMOLITION**  
 CURRITUCK COUNTY  
 NORTH CAROLINA

**SALVAGE YARD & STORAGE SITE**  
 MOYOCK TOWNSHIP

PROJECT: EAST COAST ABATEMENT & DEMOLITION STORAGE YARD CURRITUCK COUNTY, NORTH CAROLINA  
 BY: [Signature]  
 DATE: 9/25/08  
 SCALE: 1" = 30'

NO.	DATE	DESCRIPTION	BY	CHKD.
1	9/25/08	ISSUED FOR PERMITTING	[Signature]	[Signature]
2	10/15/08	REVISED PER COMMENTS	[Signature]	[Signature]
3	11/10/08	REVISED PER COMMENTS	[Signature]	[Signature]
4	12/16/08	REVISED PER COMMENTS	[Signature]	[Signature]
5	12/16/08	REVISED PER COMMENTS	[Signature]	[Signature]

DATE: 9/25/08  
 DRAWN: BPG  
 CHECKED: DMR  
 SCALE: 1" = 30'  
 SHEET: 4 OF 5  
 CAD FILE: 354500S2  
 PROJECT NO: 3545

**LEGEND**

- RIGHT OF WAY
- PROPERTY LINE
- ADJOINING PROPERTY
- OVERHEAD ELECTRIC POWER LINE
- UTILITY EASEMENT
- EXISTING GRADE CONTOUR
- DITCH
- TOP OF BANK
- SHORELINE
- EDGE OF GRAVEL
- PROPOSED GRADE CONTOUR
- PROPOSED RCP CULVERT PIPE
- PROPOSED HDPE CULVERT PIPE
- PROPOSED SWALE HIGH POINT
- PROPOSED FLOW DIRECTION

**GRAPHIC SCALE**  
 ( IN FEET )  
 1 inch = 30 ft.

**GENERAL PROJECT NOTES:**

- PROJECT NAME: EAST COAST ABATEMENT & DEMOLITION SALVAGE & STORAGE YARD MOYOCK TOWNSHIP, CURRITUCK COUNTY, NORTH CAROLINA
- OWNER: RICHARD C. WEBB II 2530 CENTERVILLE TURNPIKE CHESAPEAKE, VA 23322
- PROJECT DESCRIPTION: SALVAGE YARD & EQUIPMENT STORAGE SITE
- NEAREST RECEIVING STREAM: CURRITUCK SOUND
- CLASSIFICATION: SC
- PROJECT AREA TABULATION:
 

TOTAL PROJECT AREA:	7.38 AC.
PROPOSED DISTURBED AREA:	7.38 AC.

NOTE: All areas have been calculated utilizing properties within the Autocad software.

NOTES: All excavated material occurring during the course of construction will remain on-site for the utilization of the roadway subgrade preparation, detention basin berming, and to provide earthened material for residential lot overgrading.

NOTE: Provide a groundcover (temporary or permanent) on exposed slopes within 21 days following completion of any phase of grading a permanent groundcover for all disturbed areas within 15 working days or 90 calendar days (whichever is shorter) following completion of construction or development.

NOTE: This property does not contain any ACOE "404" jurisdictional wetlands.

**SEDIMENTATION AND EROSION CONTROL NOTES:**

**A. NARRATIVE AND SITE DATA**

The project will consist of the construction of drainage infrastructure improvements to service the existing storage site that is located on Windchaser Way in Moyock, Currituck County, North Carolina. The site's topography is primarily flat with a main drainage outlet ditch along the southern and western property boundary, which provides ground water control. There is also a ditch bisecting the property from the west to the east. The site was formerly used for agricultural production so the existing ditches are primarily remnants of the former use with the exception of the recently improved main drainage outlet ditch. This main drainage outlet ditch flows in a southwesterly direction and into the Guiney Mill Run Canal, which ultimately outlets into the Currituck Sound. The ground elevations along the developable portion of the property range from approximately 7 ft to 9 ft m.s.l. Land use in the vicinity predominantly consists of farmland.

Site soils in the developable portion of the site are composed primarily of Roanoke fine sandy loam. Roanoke soil is described as a poorly drained soil with slow permeability located on broad flats in slightly depressed drainageways. Slopes range from 0 to 2 percent (as per the Currituck County Soil Survey Manual dated 1995).

**B. MAINTENANCE:**

- CHECK TEMPORARY EROSION CONTROL DEVICES AFTER EACH SIGNIFICANT RAINFALL AND/OR BI-WEEKLY. REPAIR AND REMOVE SEDIMENT BUILD-UP AS NECESSARY.
- CHECK STABILIZED AREAS AFTER EACH SIGNIFICANT RAINFALL EVENT. RILLS AND GULLIES MUST BE REPAIRED, RE-SEEDING AND MULCHED AS SOON AS POSSIBLE. TEMPORARY DIVERSIONS MAY BE NECESSARY UNTIL NEW PLANTS DEVELOP. BARE SPOTS MUST BE RELIMED, FERTILIZED, MULCHED AND RESEED AS PROMPTLY AS POSSIBLE. YEARLY RE-FERTILIZATION MAY BE REQUIRED TO MAINTAIN PRODUCTIVE STANDS.
- PERFORM ROUTINE MAINTENANCE (INCLUDING MOWING AND CLEANING OF ROADWAY SWALES) ONCE FINAL STABILIZATION HAS OCCURRED.

**C. NOTE:**

THE INTENT OF THIS PLAN IS TO:

- MINIMIZE THE EXTENT AND DURATION OF DISTURBED SOIL EXPOSURE.
- PROTECT DISTURBED AREAS FROM STORMWATER RUNOFF.
- STABILIZE DISTURBED AREAS AS SOON AS POSSIBLE.
- MAINTAIN LOW RUNOFF VELOCITIES AND PROTECT AREAS WHERE THIS IS NOT POSSIBLE.
- RETAIN SEDIMENT ON SITE WITH SILT FENCING AND SILT DAMS. THIS PLAN REPRESENTS MINIMUM SEDIMENTATION AND EROSION CONTROL MEASURES. ADDITIONAL MEASURES AND DEVICES MAY BE REQUIRED AS CONSTRUCTION PROCEEDS.

**CONSTRUCTION SEQUENCE SCHEDULE**

**CONSTRUCTION ACTIVITY**  
Construction Access—  
Construction entrance, construction routes, equipment parking areas

Sediment Traps & Barriers  
Basin traps, sediment fences, & outlet protection

Runoff Control—  
Diversion, perimeter dikes, water bars, and outlet protection

Runoff Conveyance System—  
Stabilize streambanks, storm drains, channels, inlet & outlet protection, slope drains

Land Clearing & Grading—  
Site preparation—cutting, filling & grading, sediment traps, barriers, diversions, drains, surface roughening

Surface Stabilization—  
Temporary & permanent sodding, mulching, sodding, riprap.

Building Construction—  
Buildings, utilities, paving.

Landscaping & Final Stabilization—  
Topsoiling, trees & shrubs, permanent seeding, mulching, sodding, riprap.

**SCHEDULE CONSIDERATION**  
First land-disturbing activity—Stabilize bare areas immediately with gravel & temporary vegetation as construction takes place.

Install principal basins after construction site is occupied. Install additional traps and barriers as needed during grading.

Install key practices after principal sediments traps and before land grading. Install additional runoff-control conveyance measures during grading.

Where necessary, stabilize streambanks as early as possible. Install principal runoff conveyance system with runoff-control measures. Install remainder of system after grading.

Begin major clearing and grading after principal & key runoff-control measures are installed. Clear borrow & disposal areas as needed. Install additional control measures as grading progresses. Mark trees & buffer areas for preservation.

Apply temporary or permanent stabilization measures immediately on all disturbed areas where work is delayed or complete.

Install necessary erosion & sedimentation control practices as work takes place.

Stabilize all open areas, including borrow & spoil areas. Remove & stabilize all temporary control measures.

**LAND GRADING CONSTRUCTION SPECIFICATIONS**

- Construct & maintain all erosion & sedimentation control practices & measures in accordance with the approved sedimentation control plan and construction schedule.
- Remove good topsoil from areas to be graded and filled, and preserve it for use in finishing the grading of all critical areas.
- Scarify areas to be topsoiled to a minimum depth of 2 inches before placing topsoil.
- Clear & grub areas to be filled to remove trees, vegetation, roots, or other objectionable material that would affect the planned stability of fill.
- Ensure that fill material is free of brush, rubbish, rocks, logs, stumps, building debris, and other materials inappropriate for constructing stable fills.
- 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.
- Do not incorporate frozen material or soft, mucky, or highly compressible materials into fill slopes.
- Do not place fill on a frozen foundation, due to possible subsidence and slippage.
- Keep diversions and other water conveyance measures free of sediment during all phases of development.
- Handle seeps or springs encountered during construction in accordance with approved methods.
- Provide a groundcover (temporary or permanent), device or structure to restrain erosion on exposed slopes within 21 calendar days, following completion of any phase of grading; 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.
- Provide adequate protection from erosion for all topsoil stockpiles, borrow areas, and spoil areas.

**MAINTENANCE**  
Periodically check all graded areas & the supporting erosion & sedimentation 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 & sedimentation control plan.

**PERMANENT SEEDING**  
The purpose of permanent seeding is to reduce erosion and decrease sediment yield from disturbed areas, and to permanently stabilize such areas in a manner that is economical, adapts to site conditions, and allows selection of the most appropriate plant materials. These areas must be seeded or planted within 15 working days or 90 calendar days after final grade is reached, unless temporary stabilization is applied.

**PERMANENT SEEDING SPECIFICATIONS**  
Seeding Recommendations for Summer  
SEEDING DATES—April to July  
SEEDING MIXTURE  
Species Rate (lb/acre)  
Common bermudagrass 10/1,000 sf (sprigs)  
1–2 lb/1,000 sf (seed)

**SEEDING NOTES—**  
1. Sprig or sod. Moisture is essential during initial establishment. Sod must be kept watered for 2–3 weeks, but can be planted earlier or later than sprigs.

Soil Amendments—  
Apply lime and fertilizer according to soil tests or apply 3,000 lb/acre ground agricultural limestone and 500 lb/acre 10–10–10 fertilizer, or 50 lb/acre nitrogen from turf-type slow-release fertilizer. Add 25–50 lb/acre nitrogen at 2–3 week intervals through midsummer.

**Sprigging—**  
Plant sprigs in furrows with a tractor-drawn transplanter, or broadcast by hand.

Furrows should be 4–6 inches deep and 2 feet apart. Place sprigs about 2 ft. apart in a row with one end at or above ground level.

Broadcast at rates shown above, and press sprigs into the top 1/2–2 inches of soil with a disk set straight so that sprigs are not brought back toward the surface.

Mulch—  
Do not mulch.

Maintenance—  
Water as needed and mow to 3/4 to 1-inch height. Topdress with 40 lb/acre nitrogen in April, 50 lb in May, 50 lb in June, 50 lb in July, and 25 lb in August.

**TEMPORARY SEEDING**  
The purpose of temporary seeding is to temporarily stabilize denuded areas that will not be brought to final grade for a period of more than 30 working days.

**TEMPORARY SEEDING SPECIFICATIONS**  
Seeding Recommendations for Late Winter & Early Spring  
SEEDING DATES—December 1 to April 15  
SEEDING MIXTURE  
Species Rate (lb/acre)  
Rye 120  
Annual Lespedeza 50  
(Kobe)  
\*Omit annual lespedeza when duration of temporary cover is not to extend beyond June

Soil Amendments—  
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—  
Referitize if growth is not fully adequate. Reseed, fertilize and mulch immediately following erosion or other damage.

**Seeding Recommendations for Summer**  
SEEDING DATES—April 15 to August 15  
SEEDING MIXTURE  
Species Rate (lb/acre)  
German Millet 40

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—  
Referitize if growth is not fully adequate. Reseed, fertilize and mulch immediately following erosion or other damage.

**SODDING**  
The purpose of permanent seeding is to prevent erosion and damage from sediment and runoff by stabilizing the soil surface with permanent vegetation for the purpose of:  
—the provision of immediate vegetative cover in critical areas  
—to stabilize disturbed areas with a suitable plant material  
—to stabilize drainageways & channels and other areas of concentrated flow where flow velocities will not exceed that specified grass lining.

**SODDING SPECIFICATIONS**  
Sod Quality  
—Sod should be machine cut at a uniform depth of 1/2–2 inches  
—Sod should not have been cut in excessively wet or dry weather.  
—Sections of sod should be standard size as determined by the supplier, uniform, and uniform.  
—Sections of sod should be strong enough to support their own weight and retain their size and shape when lifted by one end.  
—Harvest, delivery, and installation of sod should take place within a period of 36 hours.

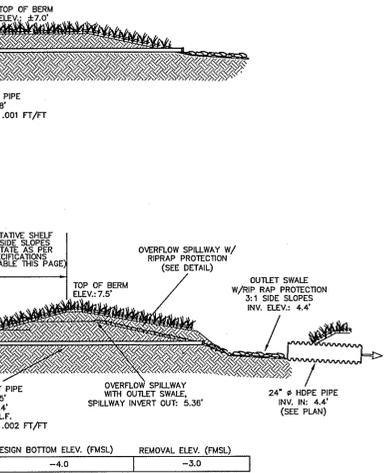
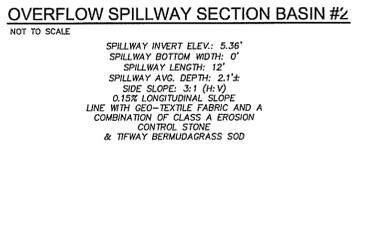
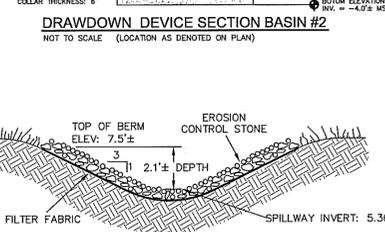
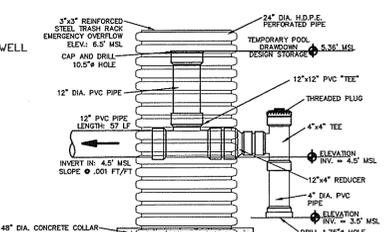
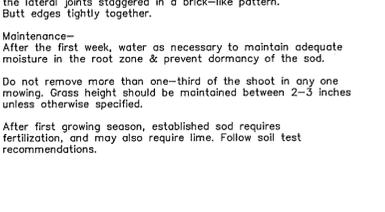
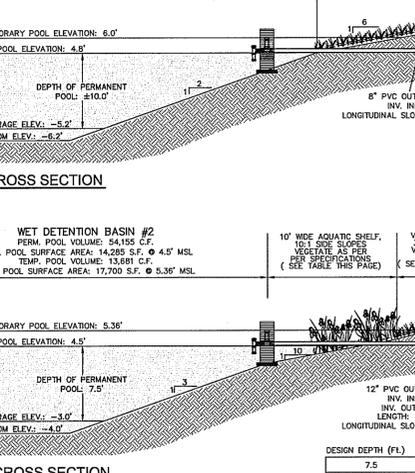
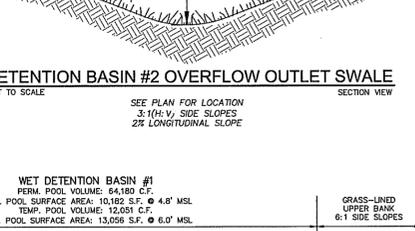
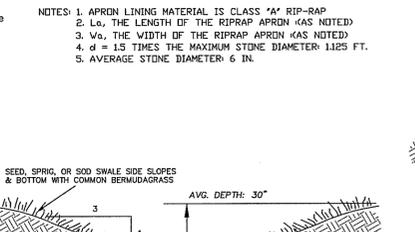
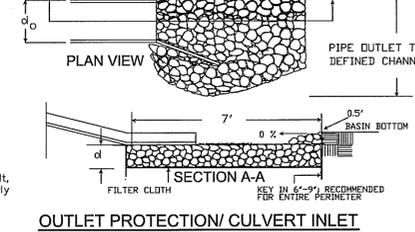
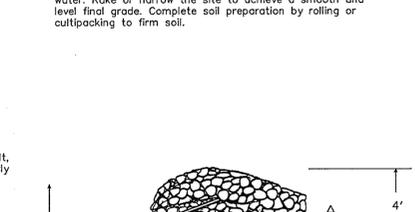
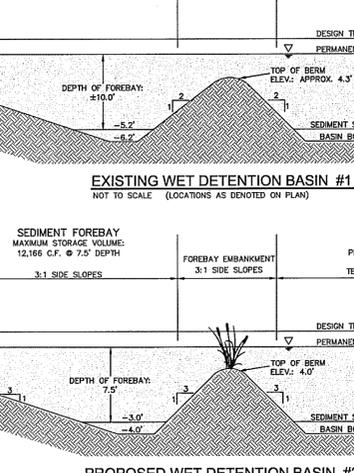
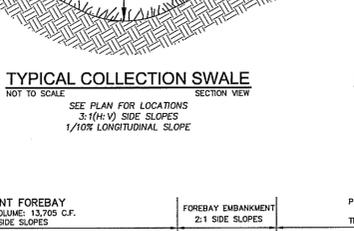
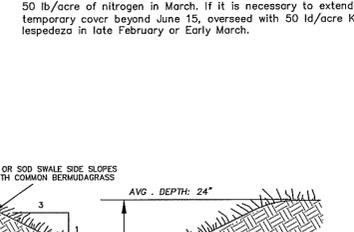
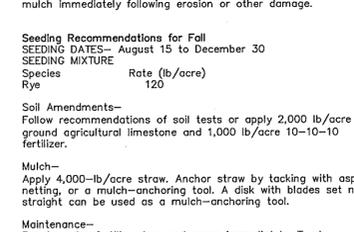
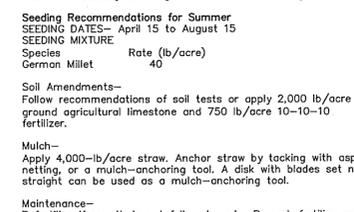
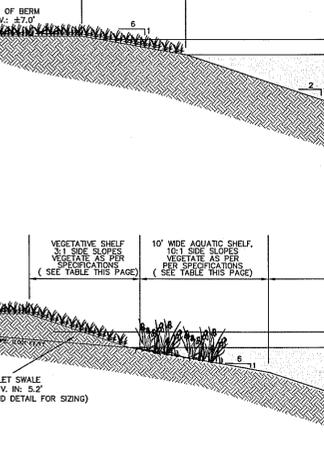
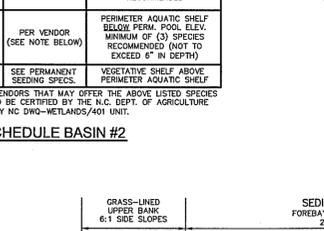
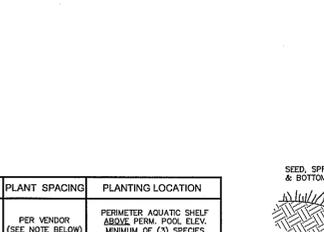
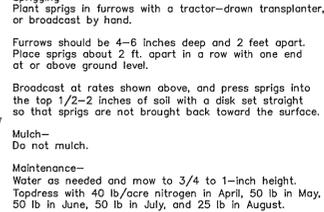
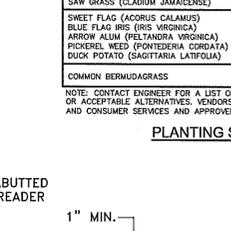
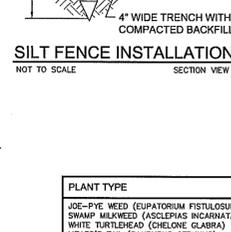
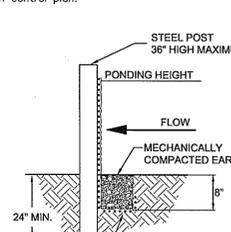
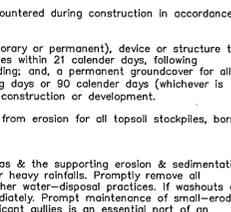
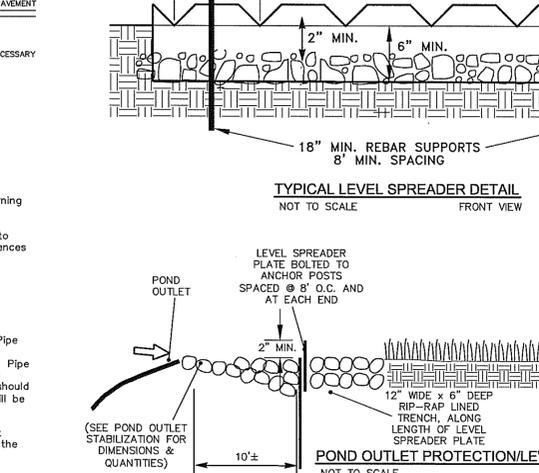
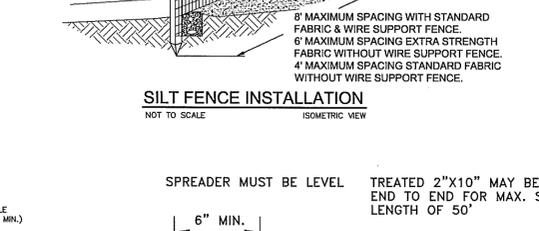
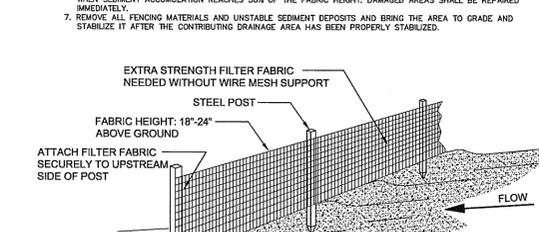
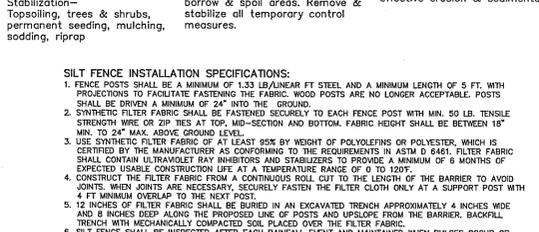
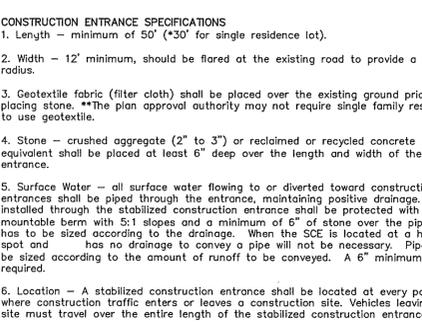
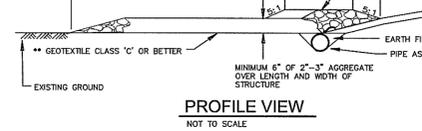
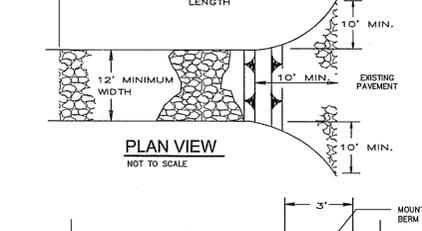
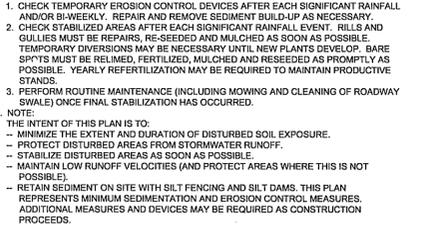
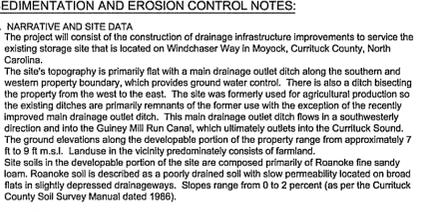
Soil Amendments—  
Apply lime and fertilizer according to soil tests or apply 2 tons/acre of pulverized agricultural limestone and 1,000 lb/acre 10–10–10 fertilizer in the fall, or 5–10–10 in spring.

Prior to laying sod, clear the soil surface of trash, debris, rocks, branches, stumps, and clods larger than 2 inches in diameter. Fill or level low spots in order to avoid standing water. Rake or harrow the site to achieve a smooth and level final grade. Complete soil preparation by rolling or cultipacking to firm soil.

Sod Installation—  
1. Maintaining the sod after it is unrolled helps maintain viability. Store in shade during installation.  
2. Rake the soil surface to break the crust just before laying sod. During the summer, lightly irrigate the soil, immediately before laying sod to cool the soil and reduce root burning & dieback.  
3. Do not sod on grave, frozen soils, or soils that have been treated recently with herbicides or pesticides.  
4. Lay the first row of sod in a straight line with subsequent rows placed parallel to and butting tightly against each other. Stagger strips in a brick-like pattern. Be sure that the sod is not stretched or overlapped and that all joints are butted tightly to prevent voids. Use a knife or sharp spade to trim and fit irregular shaped areas.  
5. Install strips of sod with their longest dimension perpendicular to the slope. On slopes of 3:1 or greater, or wherever erosion may be a problem, secure sod with pegs or staples.  
6. As sodding of clearly defined areas is completed, roll sod to provide good contact between roots and soil.  
7. After rolling, irrigate until the soil is wet 4 inches below the sod.  
8. Keep sodded areas moist to a depth of 4 inches until the grass takes root. This can be determined by tugging on the sod.  
9. Mowing should not be attempted until the sod is firmly rooted, usually 2–3 weeks.

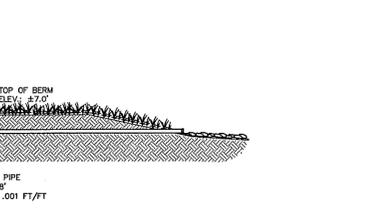
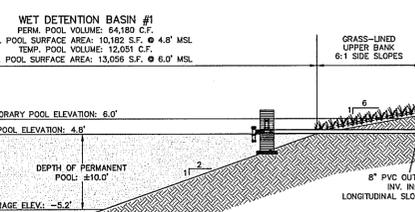
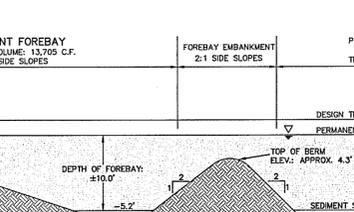
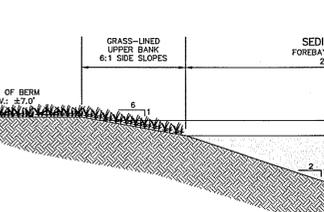
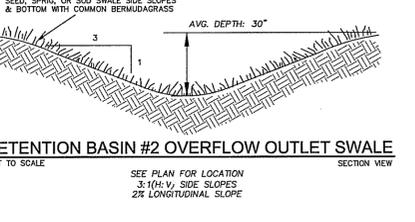
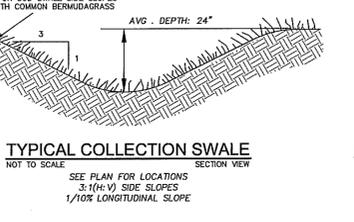
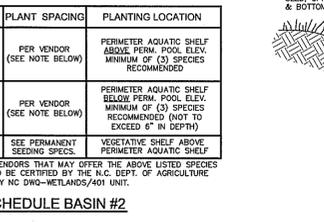
Sodded Waterways  
1. Prepare soil as described above.  
2. Lay sod strips perpendicular to the direction of flow, with the lateral joints staggered in a brick-like pattern. Butt edges tightly together.

Maintenance—  
After the first week, water as necessary to maintain adequate moisture in the root zone & prevent dormancy of the sod.  
Do not remove more than one-third of the shoot in any one mowing. Grass height should be maintained between 2–3 inches unless otherwise specified.  
After first growing season, established sod requires fertilization, and may also require lime. Follow soil test recommendations.



PLANT TYPE	PLANT SPACING	PLANTING LOCATION
JOE-PYE WEED (EUPATORIUM FISTULOSUM) SWAMP MILKWEEED (ASCLEPIAS INCARNATA) WHITE TURTLEFOOT (CHELONE GLABRA) LIZARD'S TAIL (SAURURUS CERNUUS) SAW GRASS (CLADISUM JAMAICENSIS)	PER VENDOR (SEE NOTE BELOW)	PERIMETER AQUATIC SHELF ABOVE PERM. POOL ELEV. MINIMUM OF (3) SPECIES RECOMMENDED
SWEET FLAG (ACORUS CALAMUS) BLUE FLAG IRIS (IRIS VIRGINICA) ARROW ALUM (Peltandra virginica) POCKLEWEED (PONTEDERA CORDATA) DUCK POTATO (SAGITTARIA LATIFOLIA)	PER VENDOR (SEE NOTE BELOW)	PERIMETER AQUATIC SHELF BELOW PERM. POOL ELEV. MINIMUM OF (3) SPECIES RECOMMENDED (NOT TO EXCEED 6" IN DEPTH)
COMMON BERMUDDGRASS	SEE PERMANENT SEEDING SPECIES	VEGETATIVE SHELF ABOVE PERIMETER AQUATIC SHELF

NOTE: CONTACT ENGINEER FOR A LIST OF VENDORS THAT MAY OFFER THE ABOVE LISTED SPECIES OR ACCEPTABLE ALTERNATIVES. VENDORS TO BE CERTIFIED BY THE N.C. DEPT. OF AGRICULTURE AND CONSUMER SERVICES AND APPROVED BY NC DNR-MICHIGANS/AD UNIT.



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**EROSION & SEDIMENT CONTROL NOTES & DETAILS**

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**EAST COAST ABATEMENT & DEMOLITION**  
NOTICE TO SCALE (LOCATIONS AS DENOTED ON PLAN)

**SALVAGE YARD & STORAGE SITE**

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CHECKED: [Signature]  
DATE: 9/25/08  
SCALE: NONE  
REVISIONS: [Table]  
DRAWN: BPG  
APPROVED: DMR  
WEEK: WCK  
DATE: 9/25/08  
SHEET: 5 OF 5  
CAD FILE: 354500S2  
PROJECT NO.: 3545