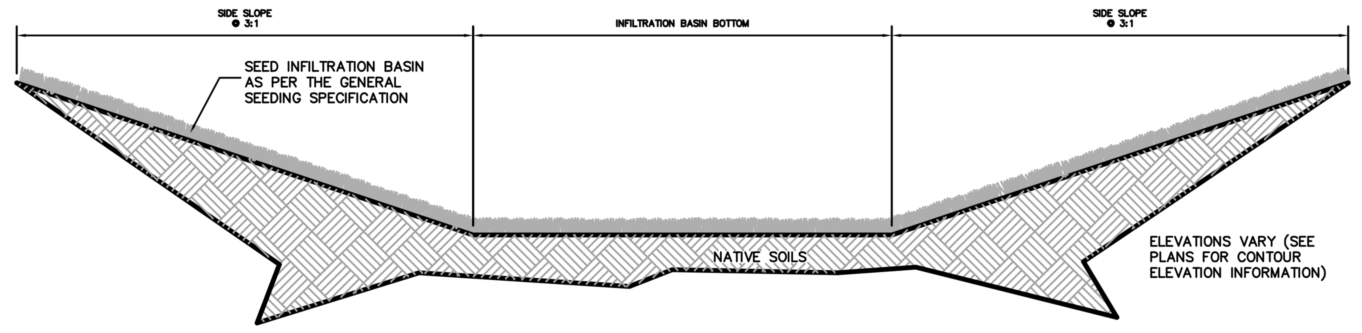
BEFORE YOU DIG !
CALL TOLL FREE
1-800-632-4949
NORTH CAROLINA
ONE CALL

NOTE:
THE DATA GIVEN ON THESE PLANS IS BELIEVED TO BE ACCURATE, BUT THE ACCURACY IS NOT GUARANTEED. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL LEVELS, LOCATIONS, TYPES, AND DIMENSIONS OF THE EXISTING UTILITIES PRIOR TO CONSTRUCTION. IF A DISCREPANCY IS FOUND, WORK SHALL CEASE AND THE ENGINEER NOTIFIED. WORK MAY CONTINUE UPON ENGINEERS NOTICE TO PROCEED.



TYPICAL INFILTRATION BASIN CROSS-SECTION DETAIL
N.T.S.

SOIL EROSION & SEDIMENTATION CONTROL PLAN NOTES:
SOIL EROSION & SEDIMENT CONTROL PLAN NOTES;

a.) AREA TO BE DISTURBED: (+/- 25,000 SQFT) +/-0.57 AC.

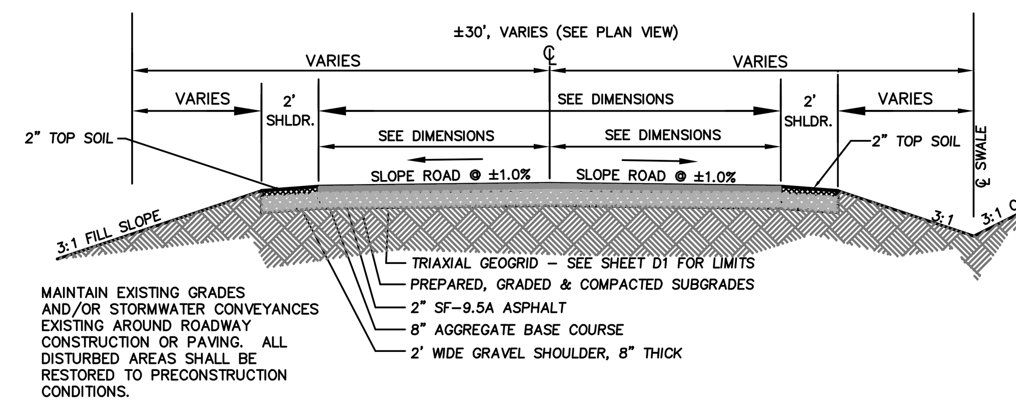
b.) ALL DISTURBED AREAS SHALL BE STABILIZED (PERMANENT OR TEMPORARY) WITH GROUNDCOVER WITHIN 21 CALENDER DAYS FOLLOWING COMPLETION OF ANY PHASE OF GRADING; AND, A PERMANENT GROUNDCOVER FOR ALL DISTURBED AREAS WITHIN FIFTEEN (15) WORKING DAYS OR 90 CALENDER DAYS (WHICHEVER IS SHORTER) FOLLOWING THE COMPLETION OF CONSTRUCTION OR DEVELOPMENT. IF SAID ACTIVITIES OCCUR OUTSIDE THE PERMANENT VEGETATION SEEDING DATES (APR. 1- SEP.30)THEN TEMP-ORARY VEGETATION SEEDING SPECIFICATIONS SHALL BE FOLLOWED FOR PLANTING UNTIL THE NEXT APPROPRIATE PERMANENT SEEDING PERIOD, AT WHICH TIME PERMANENT VEGETATION SHALL BE ESTABLISHED ACCORDING TO PERMANENT VEGETATION SEEDING SPECIFICATIONS (SEE PERM. & TEMP. SEEDING SPEC'S ON THIS SHEET).

c.) IF EXCESSIVE WIND EROSION OR STORMWATER RUNOFF EROSION DEVELOPS DURING TIME OF CONSTRUCTION ANY LOCATION ON THE PROJECT SITE, ADDITIONAL SILT FENCING SHALL BE INSTALLED AS DIRECTED BY ENGINEER SO AS TO PREVENT DAMAGE TO ADJACENT PROPERTY. SEE SILT FENCE DETAIL ON THIS SHEET.

d.) SOIL EROSION AND SEDIMENTATION CONTROLS TO BE INSPECTED, MAINTAINED AND REPAIRED AS NECESSARY UNTIL PERMANENT CONTROLS ARE ESTABLISHED.

e.) CONSTRUCTION SCHEDULE:
1) OBTAIN PLAN APPROVAL AND OTHER APPLICABLE PERMITS.
2) FLAG AND/OR ROUGH STAKE WORK LIMITS.
3) HOLD PRECONSTRUCTION CONFERENCE (OWNER, CONTRACTOR, ENGINEER, AND APPROPRIATE GOVERNMENT OFFICIALS) AT LEAST ONE WEEK PRIOR TO START OF CONSTRUCTION ACTIVITIES.
4) INSTALL SILT FENCING @ LOCATIONS SHOWN ON PLAN
5) COMPLETE CLEARING AND GRUBBING PROCEDURES.
6) GRADE SITE ACCORDING TO PLAN / INSTALL STORM WATER BASINS TO GRADE.
7) ALL EROSION & SEDIMENTATION CONTROL PRACTICES WILL BE INSPECTED WEEKLY AND AFTER HEAVY RAINFALL EVENTS. NEEDED REPAIRS WILL BE MADE IMMEDIATELY.
8) ONCE SITE IS FULLY STABILIZED; CLEAN AND STABILIZE COLLECTION SWALEUPSTREAM OF STORMWATER BASIN. ONCE SWALE IS CLEANED AND STABILIZED, REMOVE DIVERSION DIKE FROM ENTRANCE TO BASIN.

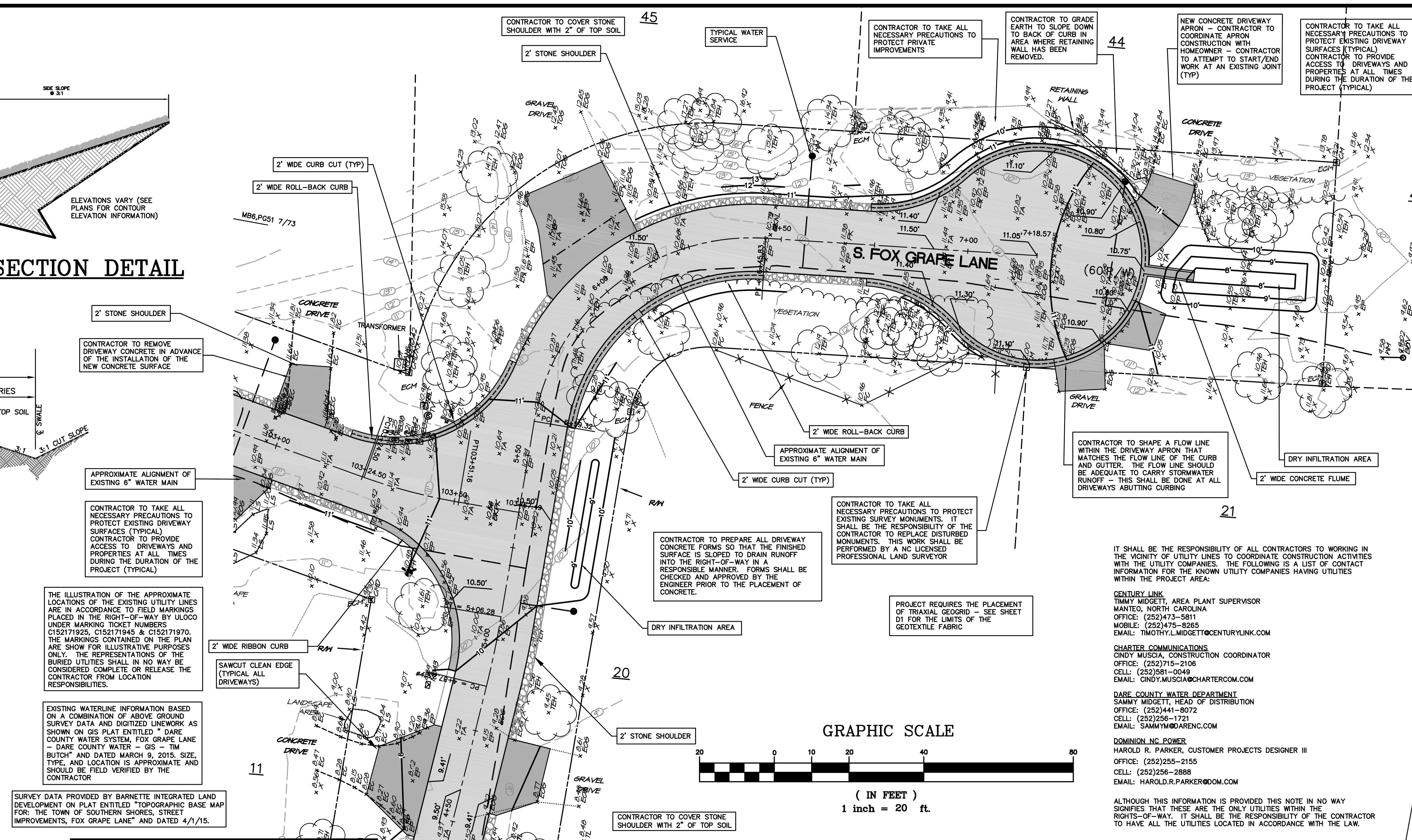
f.) CONTACT PERSON: JOSEPH ANLAUF (TEL. 252-489-7143)



ROAD CROSS SECTION TYPICAL
N.T.S.

REFERENCE: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION, RALEIGH, N.C. "STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES", ENGLISH, DATED JANUARY 2006 FOR THE FOLLOWING SPECIFICATION SECTIONS:

SECTION 225 – ROADWAY EXCAVATION
SECTION 226 – COMPREHENSIVE GRADING
SECTION 250 – REMOVAL OF EXISTING PAVEMENT
SECTION 260 – PROOF ROLLING
SECTION 500 – FINE GRADING SUBGRADE, SHOULDERS AND DITCHES
SECTION 510 – AGGREGATE STABILIZATION
SECTION 520 – AGGREGATE BASE COURSE
SECTION 600 – PRIME COAT
SECTION 605 – ASPHALT TACK COAT
SECTION 610 – ASPHALT PLANT MIX PAVEMENTS – GENERAL
SECTION 645 – ASPHALT CONCRETE SURFACE COURSE – TYPES I-1, I-2 AND HDS
SECTION 654 – ASPHALT PLANT MIX, PAVEMENT REPAIR
SECTION 660 – ASPHALT SURFACE TREATMENT
SECTION 1101 – WORK ZONE TRAFFIC CONTROL GENERAL REQUIREMENTS
SECTION 1205 – PAVEMENT MARKINGS GENERAL REQUIREMENTS
DIVISION 16 EROSION CONTROL AND ROADSIDE DEVELOPMENT



IT SHALL BE THE RESPONSIBILITY OF ALL CONTRACTORS TO WORKING IN THE VICINITY OF UTILITY LINES TO COORDINATE CONSTRUCTION ACTIVITIES WITH THE UTILITY COMPANIES. THE FOLLOWING IS A LIST OF CONTACT INFORMATION FOR THE KNOWN UTILITY COMPANIES HAVING UTILITIES WITHIN THE PROJECT AREA:

<u>CENTURY LINK</u>
TIMMY MIDGETT, AREA PLANT SUPERVISOR
MANTEO, NORTH CAROLINA
OFFICE: (252)473-5811
MOBILE: (252)475-8265
EMAIL: TIMOTHY.L.MIDGETT@CENTURYLINK.COM

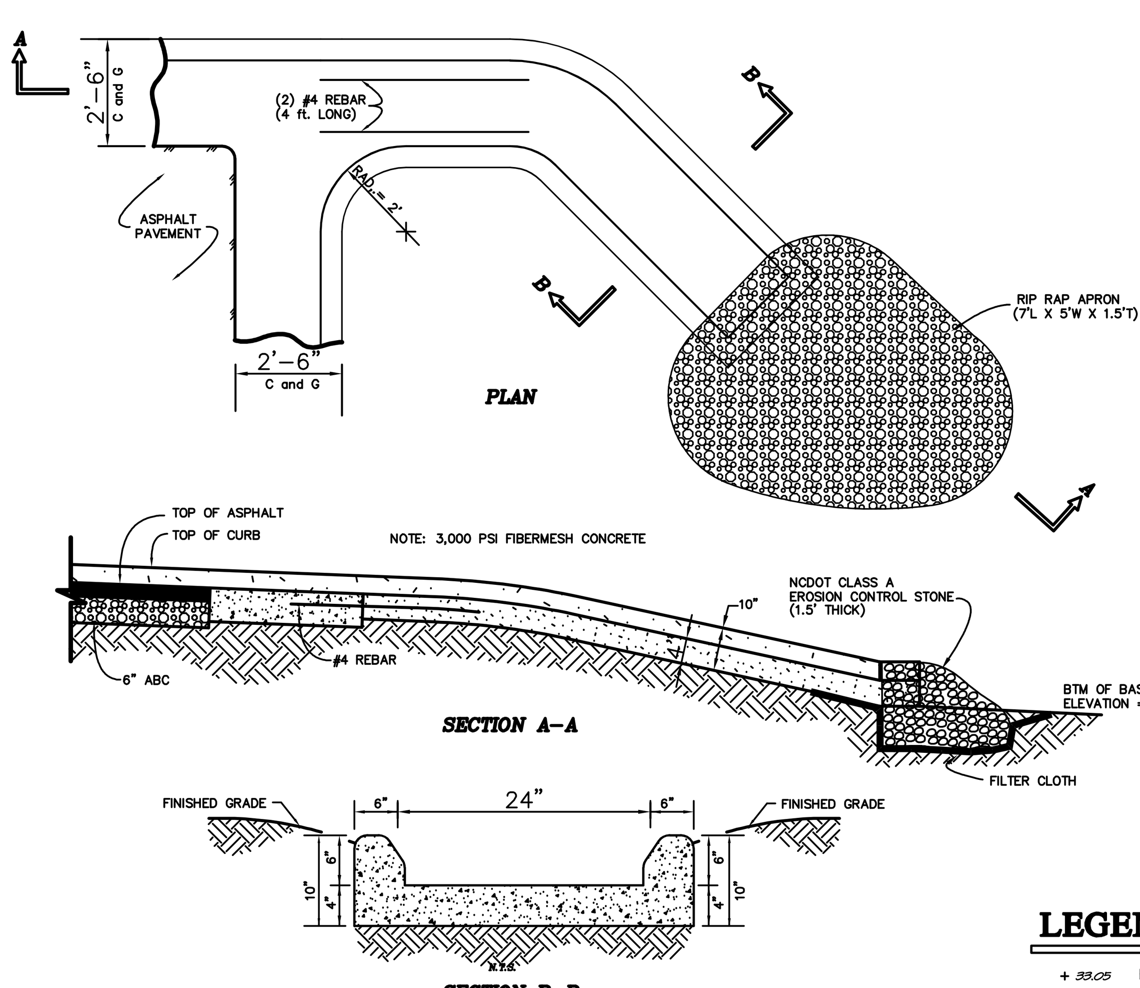
<u>CHARTER COMMUNICATIONS</u>
CINDY MUSCIA, CONSTRUCTION COORDINATOR
OFFICE: (252)715-2106
CELL: (252)581-0049
EMAIL: CINDY.MUSCIA@CHARTERCOM.COM

<u>DARE COUNTY WATER DEPARTMENT</u>
SAMMY MIDGETT, HEAD OF DISTRIBUTION
OFFICE: (252)441-8072
CELL: (252)256-1721
EMAIL: SAMMYM@DARENC.COM

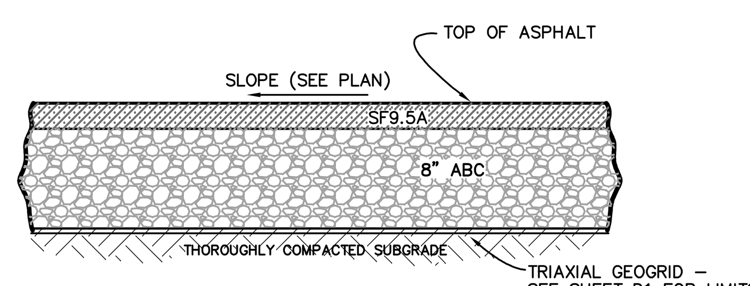
<u>DOMINION NC POWER</u>
HAROLD R. PARKER, CUSTOMER PROJECTS DESIGNER III
OFFICE: (252)255-2155
CELL: (252)256-2888
EMAIL: HAROLD.R.PARKER@DOM.COM

ALTHOUGH THIS INFORMATION IS PROVIDED THIS NOTE IN NO WAY SIGNIFIES THAT THESE ARE THE ONLY UTILITIES WITHIN THE RIGHTS-OF-WAY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE ALL THE UTILITIES LOCATED IN ACCORDANCE WITH THE LAW.

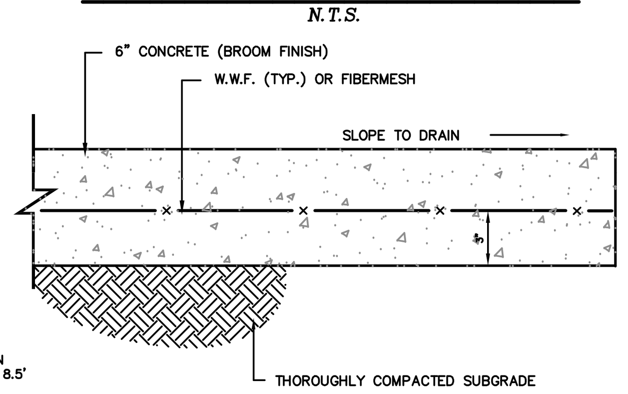
FOXGRAPE LANE



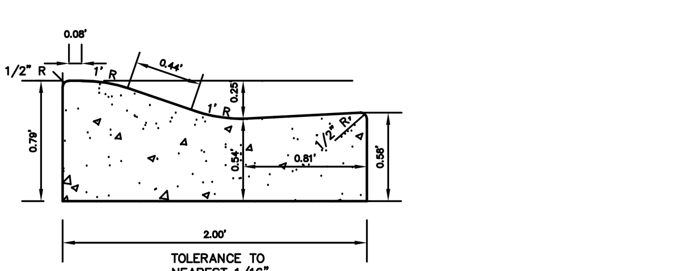
FLUME DETAIL
N.T.S.



TYPICAL ASPHALT SECTION
N.T.S.



CONCRETE PAVEMENT SECTION
N.T.S.



TYPICAL 24" ROLL-BACK CURB
N.T.S.

LEGEND

+ 33.05	EXISTING ELEVATION(±.03')		TELEVISION PEDESTAL
+ 33.0	EXISTING ELEVATION(±.05')		MAIL BOX
	CONCRETE MONUMENT		TRAFFIC SIGN
	IRON ROD/PIPE		LIGHT POLE
	WATER METER		R/W
	WATER VALVE		VEGETATION LIMITS
	TELEPHONE PEDESTAL		TREE
	EXISTING ASPHALT		
	PROPOSED ASPHALT		EXISTING CONTOURS
			APPROX. LOCATION OF POWER UTILITY LINE
	PROPOSED CONCRETE		APPROX. LOCATION OF CABLE UTILITY LINE
			APPROX. LOCATION OF PHONE UTILITY LINE
	PROPOSED ABC		PROPOSED CONTOURS
			PROPOSED N-12 SOLID WALL PIPE
	PROPOSED RIPRAP		PROPOSED ROLL-BACK CURB
			PROPOSED CURB AND GUTTER
4.00'	PROP. EL. SHOT		

ROADWAY SITE PREPARATION NOTE:
1. STRIP ALL EXISTING ASPHALT (REF: SECTION 02110 "SITE CLEARING").
2. EXCAVATE SUBSURFACE AS NECESSARY TO ACHIEVE THE PROPOSED FINAL ROAD SURFACE GRADES
3. BACKFILL AND CONSTRUCT ROADWAY AS PER PROJECT DOCUMENTS.

WORK ZONE TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH NCDOT WORK ZONE TRAFFIC CONTROL STANDARD DRAWINGS 1101.01-1180.01

CONTRACTOR TO TEMPORARILY RELOCATE ALL MAILBOXES THAT ARE IN CONFLICT WITH THE WORK. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO ENSURE THAT MAIL CAN BE DELIVERED DURING THE DURATION OF THE PROJECT.

CONTRACTOR TO MAINTAIN ALL STREET SIGNS DURING THE DURATION OF THE PROJECT.

CONTRACTOR TO TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTLITIES

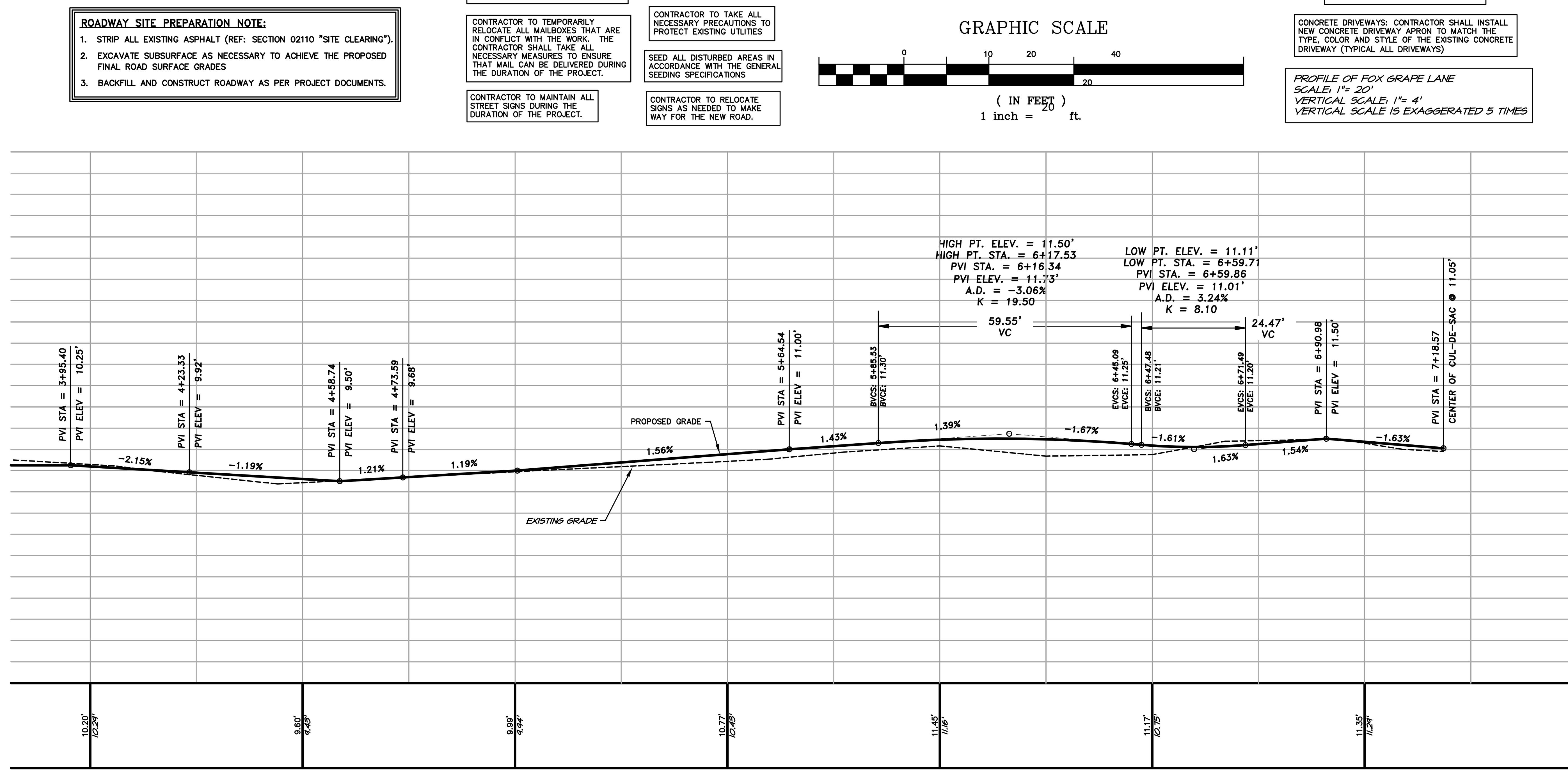
SEED ALL DISTURBED AREAS IN ACCORDANCE WITH THE GENERAL SEEDING SPECIFICATIONS

CONTRACTOR TO RELOCATE SIGNS AS NEEDED TO MAKE WAY FOR THE NEW ROAD.

WORK ZONE TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH NCDOT WORK ZONE TRAFFIC CONTROL STANDARD DRAWINGS 1101.01-1180.01

CONCRETE DRIVEWAYS: CONTRACTOR SHALL INSTALL NEW CONCRETE DRIVEWAY APRON TO MATCH THE TYPE, COLOR AND STYLE OF THE EXISTING CONCRETE DRIVEWAY (TYPICAL ALL DRIVEWAYS)

PROFILE OF FOX GRAPE LANE
SCALE: 1"= 20'
VERTICAL SCALE: 1"= 4'
VERTICAL SCALE IS EXAGGERATED 5 TIMES



DRAWING FILE: BASE.DWG
PLOT SCALE: 1"=20'

Anlauf Engineering, PLLC
CIVIL ENGINEERING SERVICES
FIRM LICENSE NO.: P-0929
JANLAUF2645@CHARTER.NET - 4721 W. ECKNER ST., KITTY HAWK, NC - (252) 489-7143

NORTH CAROLINA PROFESSIONAL SEAL 26980 ENGINEER JOSEPH J. ANLAUF

CERTIFICATION

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NO.	DATE	REVISIONS

ROAD CONSTRUCTION PLAN
FOX GRAPE LANE
TOWN OF SOUTHERN SHORES
ATLANTIC TOWNSHIP DARE COUNTY NORTH CAROLINA

COMMISSION NO.	P11009.28
DESIGNED BY	JJA
DRAWN BY	JJA
CHECKED BY	JJA
ISSUE DATE	9/3/15

SHEET NO.
S2
OF 7 SHEETS