WORK ZONE TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH NCDOT WORK ZONE TRAFFIC CONTROL STANDARD DRAWINGS 1101.01–1150.01

STOP BAR AND STOP LETTERING TO BE BY THE TOWN

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 SAWCUT EXISTING ASPHALT SURFACE. CONTRACTOR TO PREPARE SMOOTH TRANSITION BETWEEN EXISTING ROAD SURFACE AND PROPOSED ROAD SURFACE. (TYPICAL OF ALL INTERFACES BETWEEN EX. ASPHALT AND PROPOSED ASPHALT)

29
BLOCK 95
MB 3, PG 41

EAST DOGWOOD TRAIL
(100'R/W)

2' WIDE CURB CUT (TYP)

2' WIDE ROLL-BACK CURB

WATCH EXISTING GRADES

BENCH

CB #1+00

BIKE RACK

FENCE

ASPHALT ROAD HWY

VEGETATION

CONCRETE DRIVE

EXISTING WATERLINE INFORMATION BASED ON A COMBINATION OF ABOVE GROUND SURVEY DATA AND DIGITIZED LINEWORK AS SHOWN ON GIS PLAT ENTITLED " DARE COUNTY WATER SYSTEM, BEECH TREE TRAIL – DARE COUNTY WATER – GIS – TIM BUTCH" AND DATED AUGUST 28, 2015. SIZE, TYPE, AND LOCATION IS APPROXIMATE, AND SHOULD BE FIELD VERIFIED BY THE CONTRACTOR

CONTRACTOR TO TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING DRIVEWAY SURFACES (TYPICAL) CONTRACTOR TO PROVIDE ACCESS TO DRIVEWAYS AND PROPERTIES AT ALL TIMES DURING THE DURATION OF THE PROJECT (TYPICAL)

4
BLOCK 107

SURVEY DATA PROVIDED BY BARNETTE INTEGRATED LAND DEVELOPMENT ON PLAT ENTITLED "TOPOGRAPHIC BASE MAP FOR: THE TOWN OF SOUTHERN SHORES, STREET IMPROVEMENTS, BEECH TREE TRAIL" AND DATED 8/11/15.

SEED ALL DISTURBED AREAS IN ACCORDANCE WITH THE GENERAL SEEDING SPECIFICATIONS

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

N MB3,P073

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.

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.

BLOCK 140
MB 3, PG 73

PROPERTY LINES

CONTRACTOR TO COVER STONE SHOULDER WITH 2" OF TOP SOIL

2' STONE SHOULDER

CONTRACTOR TO TAKE ALL NECESSARY PRECAUTIONS TO PROTECT PRIVATE IMPROVEMENTS

DRY INFILTRATION AREA

1 2 3 4 5

APPROXIMATE ALIGNMENT OF EXISTING 8" WATER MAIN

CONTRACTOR TO TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING SURVEY MONUMENTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPLACE DISTURBED MONUMENTS. THIS WORK SHALL BE PERFORMED BY A NC LICENSED PROFESSIONAL LAND SURVEYOR

CONTRACTOR TO REMOVE DRIVEWAY CONCRETE IN ADVANCE OF THE INSTALLATION OF THE NEW CONCRETE SURFACE

CONTRACTOR TO TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES

BEECH TREE TRAIL
(60'R/W)

GRAVEL DRIVE

WOOD CURBING

LANDSCAPE VEGETATION

POTABLE WATER SERVICE (TYP)

SEED ALL DISTURBED AREAS IN ACCORDANCE WITH THE GENERAL SEEDING SPECIFICATIONS

CONTRACTOR TO TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING DRIVEWAY SURFACES (TYPICAL) CONTRACTOR TO PROVIDE ACCESS TO DRIVEWAYS AND PROPERTIES AT ALL TIMES DURING THE DURATION OF THE PROJECT (TYPICAL)

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:

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

CHARTER COMMUNICATIONS
CINDY MUSCIA, CONSTRUCTION COORDINATOR
OFFICE: (252)715–2106
CELL: (252)581–0049
EMAIL: CINDY.MUSCIA@CHARTERCOM.COM

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

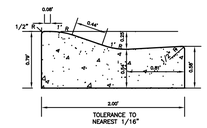
DOMINION NC POWER
HAROLD R. PARKER, CUSTOMER PROJECTS DESIGNER III
OFFICE: (252)255–2155
CELL: (252)256–2888
EMAIL: HAROLD.R.PARKER@DOM.COM

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.

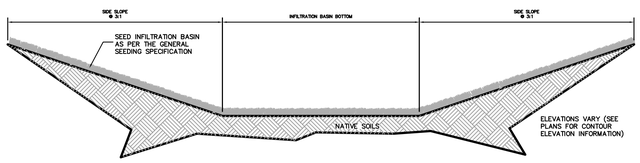
CONCRETE DRIVEWAYS: CONTRACTOR SHALL INSTALL NEW CONCRETE DRIVEWAY APRON TO MATCH THE TYPE, COLOR AND STYLE OF THE EXISTING CONCRETE DRIVEWAY (TYPICAL ALL DRIVEWAYS)

CONTRACTOR TO TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES

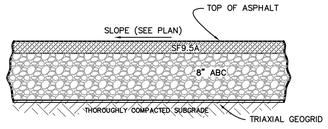
BEECH TREE TRAIL



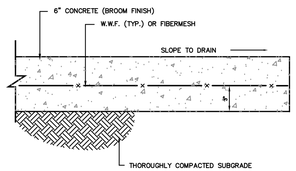
TYPICAL 24" ROLL–BACK CURB
N.T.S.



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



TYPICAL ASPHALT SECTION
N.T.S.



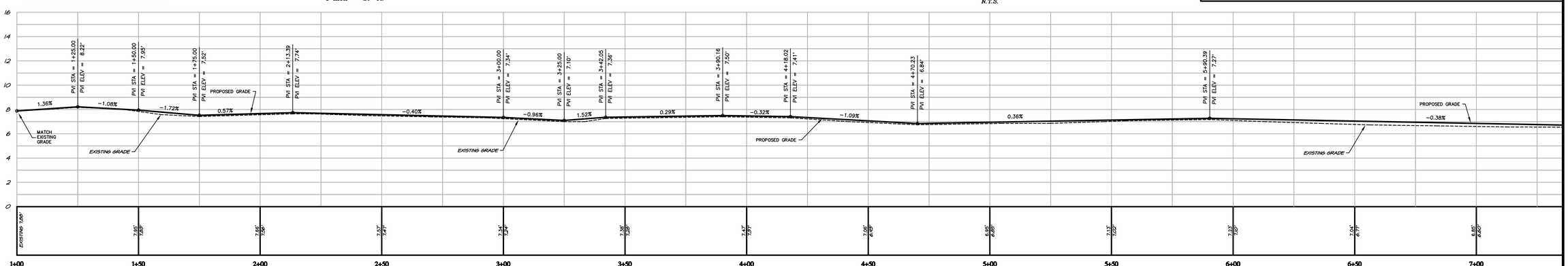
CONCRETE PAVEMENT SECTION
N.T.S.

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	EXISTING CONTOURS
PROPOSED ASPHALT	APPROX. LOCATION OF POWER UTILITY LINE
PROPOSED CONCRETE	APPROX. LOCATION OF CABLE UTILITY LINE
PROPOSED ABC	APPROX. LOCATION OF PHONE UTILITY LINE
	PROPOSED CONTOURS
	PROPOSED ROLL–BACK CURB
4.00' PROP. EL. SHOT	

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

PROFILE OF BEECH TREE TRAIL
SCALE: 1" = 20'
VERTICAL SCALE: 1" = 4'
VERTICAL SCALE IS EXAGGERATED 5 TIMES



DRAWING FILE: N DOGWOOD BASE 2004.DWG
PLOT SCALE: 1"=20'

Anlauf Engineering, PLLC
CIVIL ENGINEERING SERVICES
7100 LEEWARD WAY – KITTY HAWK, NORTH CAROLINA 27949 – (252) 489–7345
JAMES J. ANLAUF, PE

CERTIFICATION
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 26980 JAMES J. ANLAUF

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NO.	DATE	REVISIONS

ROAD CONSTRUCTION PLAN

BEECH TREE TRAIL
TOWN OF SOUTHERN SHORES
DARE COUNTY
ATLANTIC TOWNSHIP
NORTH CAROLINA

COMMISSION NO.	P11009.18
DESIGNED BY	JJA
DRAWN BY	JJA
CHECKED BY	JJA
ISSUE DATE	9/8/15

SHEET NO.
S1
OF 4 SHEETS