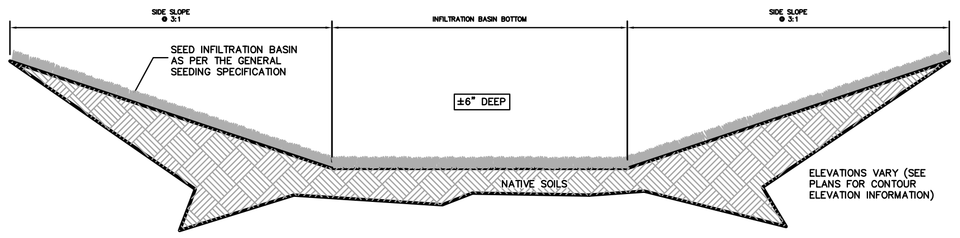
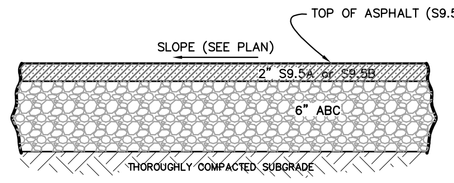
CONSTRUCTION DETAILS



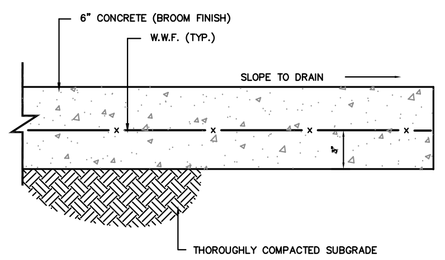
TYPICAL INFILTRATION BASIN CROSS-SECTION DETAIL

N.T.S.



TYPICAL ASPHALT SECTION

N.T.S.



CONCRETE DRIVEWAY PAVEMENT SECTION

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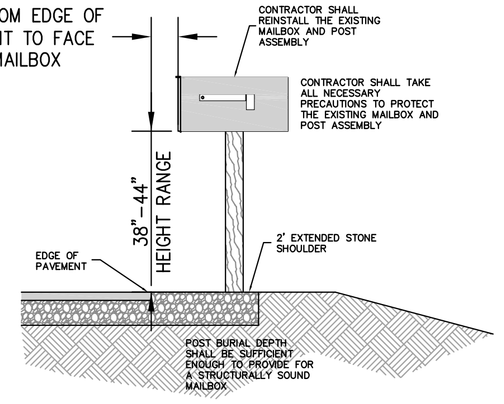
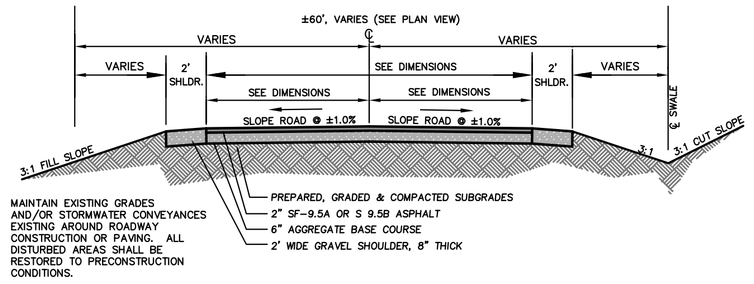


EX. MAILBOX RE-INSTALLATION DETAIL

N.T.S.



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:

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

CHARTER COMMUNICATIONS
WILBUR HAYNES, III, CONSTRUCTION COORDINATOR
OFFICE: (252)715-2117
CELL: (252)489-1194
EMAIL: WILBUR.HAYNES@CHARTER.COM

DARE COUNTY WATER DEPARTMENT
SAMMY MIDGETT, HEAD OF DISTRIBUTION
OFFICE: (252)441-8072
CELL: (252)256-1721
EMAIL: SAMMYW@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.

SOIL EROSION & SEDIMENTATION CONTROL PLAN NOTES:

SOIL EROSION & SEDIMENT CONTROL PLAN NOTES;

a.) AREA TO BE DISTURBED: (+/- 10,100 SQFT) +/- .23 AC.

b.) ALL DISTURBED AREAS SHALL BE STABILIZED (PERMANENT OR TEMPORARY) WITH GROUNDCOVER WITHIN 21 CALENDAR DAYS FOLLOWING COMPLETION OF ANY PHASE OF GRADING; AND, A PERMANENT GROUNDCOVER FOR ALL DISTURBED AREAS WITHIN FIFTEEN (15) WORKING DAYS OR 90 CALENDAR 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.

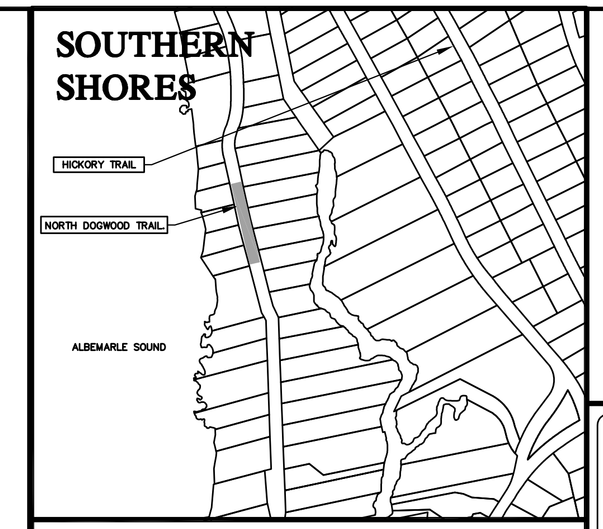
e.) CONSTRUCTION SCHEDULE:
1) OBTAIN PLAN APPROVAL AND OTHER APPLICABLE PERMITS.
2) FLAG AND/OR ROUGH STAKE WORK LIMITS.
3) HOLD PRECONSTRUCTION CONFERENCE (OWNER, CONTRACTOR, ENGINEER, AND APPROPRIATE GOVERNMENT OFFICIALS) AT LEAST ONE WEEK PRIOR TO START OF CONSTRUCTION ACTIVITIES.
4) INSTALL SILT 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 SWALE UPSTREAM OF STORMWATER BASIN. ONCE SWALE IS CLEANED AND STABILIZED, REMOVE DIVERSION DIKE FROM ENTRANCE TO BASIN.

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

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.

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 AND STUMP TO BE REMOVED
	EXISTING ASPHALT		EXISTING CONTOURS
	DEMOLITION LIMITS		APPROX. LOCATION OF POWER UTILITY LINE
	VEGETATION REMOVAL		APPROX. LOCATION OF COMM UTILITY LINE
	TREE		



VICINITY MAP

N.T.S.

Anlauf Engineering, PLLC
CIVIL ENGINEERING SERVICES
FIRM LICENSE NO. P-0959
JAY ANLAUF PHONE: (252)489-7143 · 4173 LITTLE KITTY HAWK, N.C. · (252)261-1845

NORTH CAROLINA PROFESSIONAL SEAL 26980 ENGINEER JOSEPH J. ANLAUF
CERTIFICATION

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NO.	DATE	REVISIONS

DEMOLITION PLAN

N. DOGWOOD TRAIL

GRAPHIC SCALE
0 10 20 40
1 inch = 20 ft.

N MB2,PG224 2/64

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

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)

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)

APPROXIMATE LOCATION OF UNDERGROUND COMM LINES

APPROXIMATE LOCATION OF UNDERGROUND POWER LINES

CONTRACTOR TO REMOVE ASPHALT AND SUBBASE MATERIALS COMPLETE

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

APPROXIMATE ALIGNMENT OF EXISTING 8" WATER MAIN

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.

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.

SEED ALL DISTURBED AREAS IN ACCORDANCE WITH THE GENERAL SEEDING SPECIFICATIONS

CONTRACTOR TO TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING TREES TO REMAIN

TREE TO BE REMOVED (NOT PART OF CONTRACT)

APPROXIMATE LOCATION OF UNDERGROUND COMM LINES

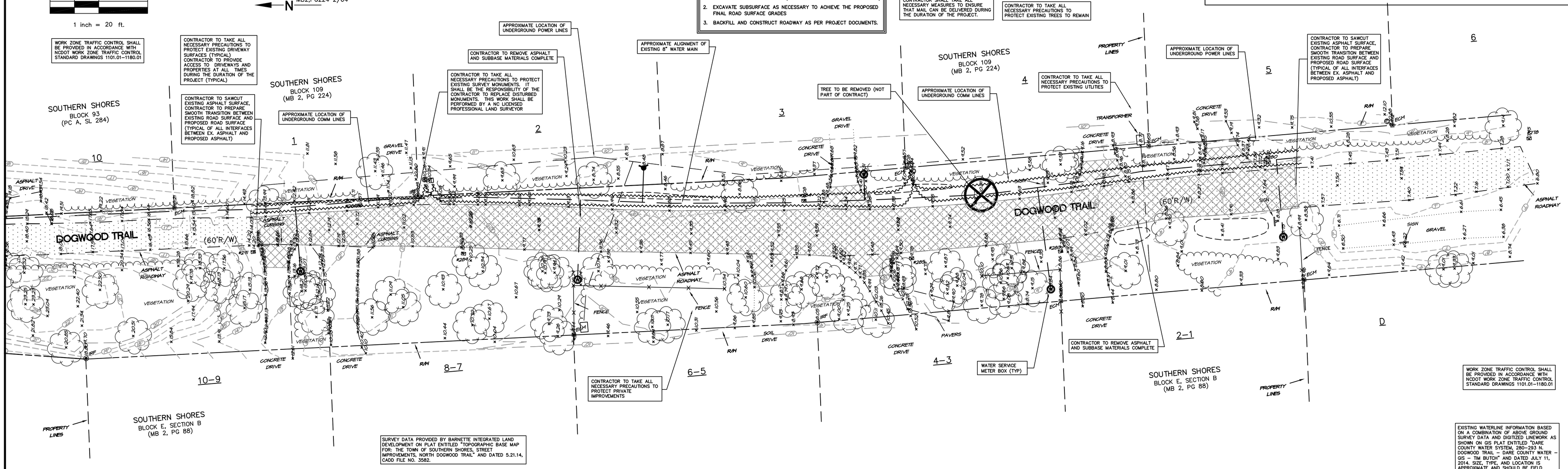
CONTRACTOR TO TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTLITIES

CONTRACTOR TO REMOVE ASPHALT AND SUBBASE MATERIALS COMPLETE

WATER SERVICE METER BOX (TYP)

CONTRACTOR TO TAKE ALL NECESSARY PRECAUTIONS TO PROTECT PRIVATE IMPROVEMENTS

SURVEY DATA PROVIDED BY BARNETTE INTEGRATED LAND DEVELOPMENT ON PLAT ENTITLED "TOPOGRAPHIC BASE MAP FOR: THE TOWN OF SOUTHERN SHORES, STREET IMPROVEMENTS, NORTH DOGWOOD TRAIL" AND DATED 5.21.14, CADD FILE NO. 3582.



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

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, 280-293 N. DOGWOOD TRAIL – DARE COUNTY WATER – GIS – TIM BUTCH" AND DATED JULY 11, 2014. SIZE, TYPE, AND LOCATION IS APPROXIMATE AND SHOULD BE FIELD VERIFIED BY THE CONTRACTOR

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

DEMOLITION PLAN

NORTH DOGWOOD TRAIL
TOWN OF SOUTHERN SHORES
ATLANTIC TOWNSHIP — DARE COUNTY — NORTH CAROLINA

COMMISSION NO.	P11009.18
DESIGNED BY	JJA
DRAWN BY	JJA
CHECKED BY	JJA
ISSUE DATE	8/3/15

SHEET NO.
X3
OF 6 SHEETS