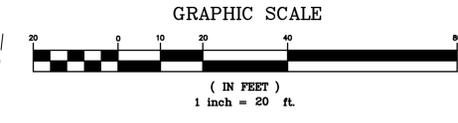


WORK ZONE TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH NCDOT WORK ZONE TRAFFIC CONTROL STANDARD DRAWINGS 1101.01-1101.01

CONTRACTOR TO TEMPORARILY RELOCATE ALL MAILBOXES THAT ARE IN CONTACT 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.

EXISTING WATERLINE INFORMATION BASED ON A COMBINATION OF ABOVE GROUND SURVEY DATA AND DIGITIZED LINENWORK AS SHOWN ON GIS PLAT ENTITLED "DAKE COUNTY WATER SYSTEM, BEECH TREE TRAIL - DAKE COUNTY WATER - 05 - TIM BUTCH" AND DATED AUGUST 28, 2015. SIZE, TYPE, AND LOCATION IS APPROXIMATE AND SHOULD BE FIELD VERIFIED BY THE CONTRACTOR



IT SHALL BE THE RESPONSIBILITY OF ALL CONTRACTORS 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 WOODSETT, AREA PLANT SUPERVISOR  
MANTED, NORTH CAROLINA  
OFFICE: (252)415-9811  
MOBILE: (252)475-8265  
EMAIL: TIMOTHY.L.WOODSETT@CENTURYLINK.COM

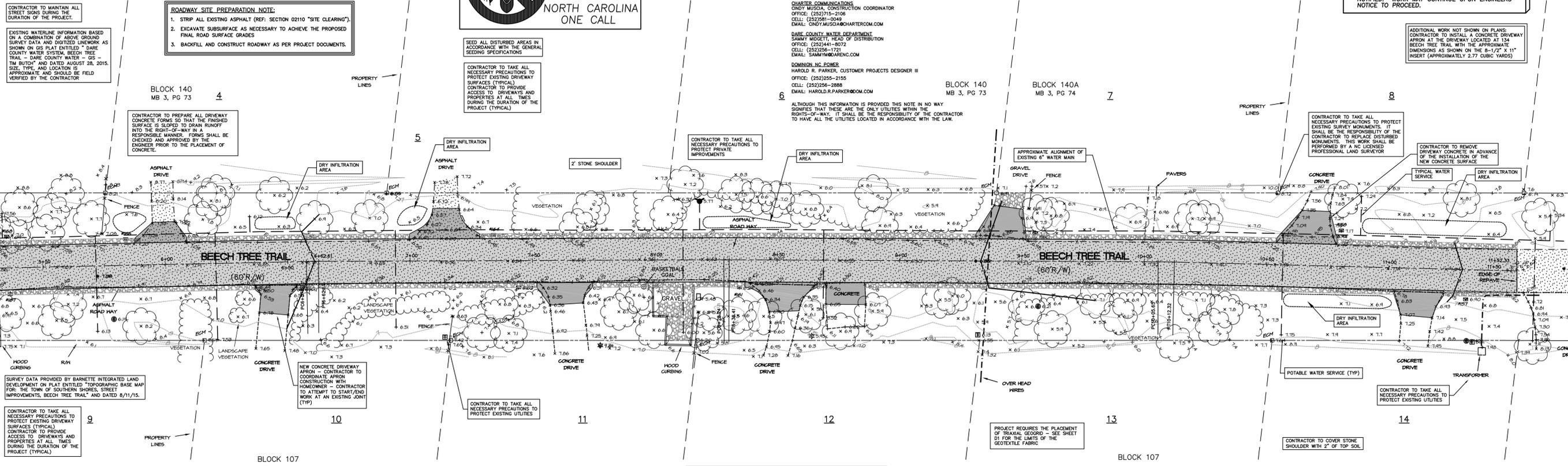
**CHARTER COMMUNICATIONS**  
CINDY MUSCIBOCHARTER.COM  
OFFICE: (252)715-2106  
CELL: (252)581-0464  
EMAIL: CINDY.MUSCIBOCHARTER.COM

**DAKE COUNTY WATER DEPARTMENT**  
SAMMY WOODSETT, HEAD OF DISTRIBUTION  
OFFICE: (252)441-8072  
CELL: (252)256-1725  
EMAIL: SAMMY.WOODSETT@DCWATER.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

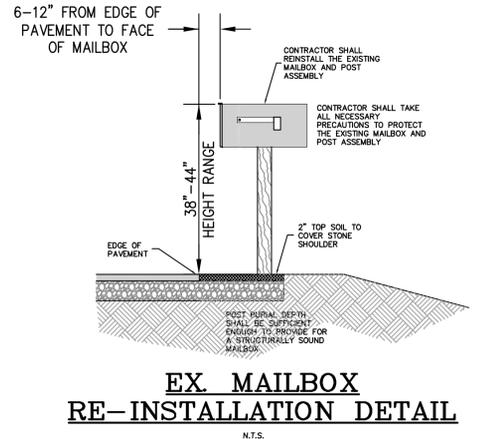
**NOTE:**  
THE DATA GIVEN ON THESE PLANS IS BELIEVED TO BE ACCURATE, BUT THE ACCURACY IS NOT GUARANTEED. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL LEVELS, LOCATIONS, TYPES, AND DIMENSIONS OF THE EXISTING UTILITIES PRIOR TO CONSTRUCTION. IF A DISCREPANCY IS FOUND, WORK SHALL CEASE AND THE ENGINEER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

ADDITIONAL WORK NOT SHOWN ON PLANS: CONTRACTOR TO INSTALL A CONCRETE DRIVEWAY APPROX. 10' WIDE LOCATED AT 134 BEECH TREE TRAIL WITH THE APPROXIMATE DIMENSIONS AS SHOWN ON THE 8'-1/2" X 11" INSERT (APPROXIMATELY 2.77 CUBIC YARDS)



**LEGEND**

+ 33.25	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
⊙	PROP. EL. SHOT	⊙	PROPOSED CONTOURS
		⊙	PROPOSED ROLL-BACK CURB



**PERMANENT VEGETATION**

SEEDING DATES: APRIL 1 - SEPT 30

SEED MIXTURE	APPLICATION RATES/ACRE
BAHA	50 LBS.
COMMON BERMUDA (UNHULLED)	50 LBS.
GERMAN MILLETT	15 LBS.
FESCUE	20 LBS.

FERTILIZER: 26-13-13 @ 500 LB/ACRE

MULCH: APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKLING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

**TEMPORARY VEGETATION**

SEEDING DATES: OCT. 1 - MARCH 31

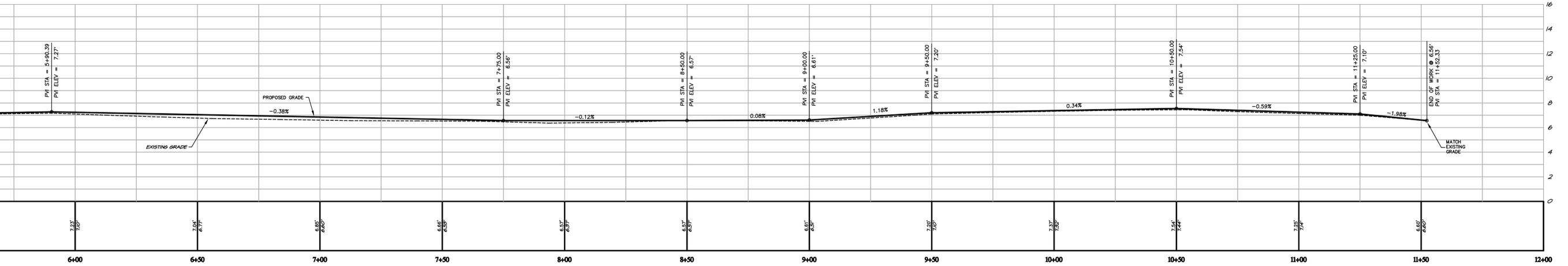
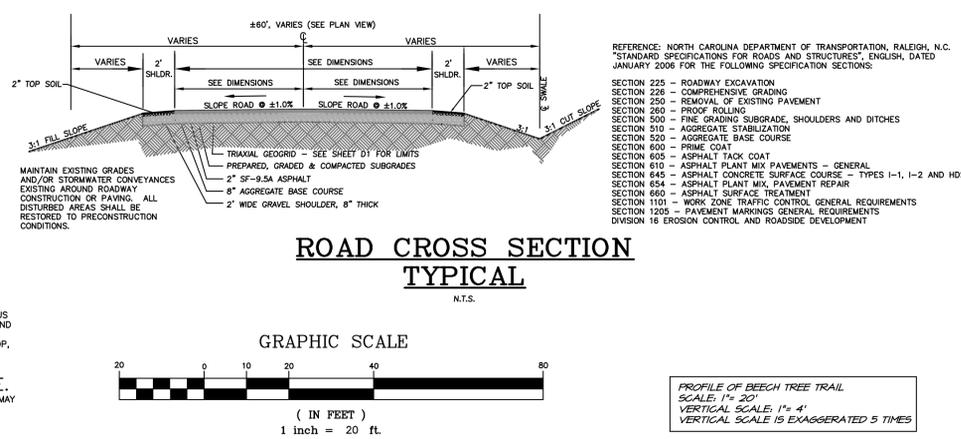
SEED MIXTURE	APPLICATION RATES/ACRE
RYE GRASS	175 LBS.

FERTILIZER: 10-10-10 @ 1000 LB/ACRE

MULCH: APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKLING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

**GENERAL:**  
FERTILIZER RATES SHOWN ARE GENERAL RECOMMENDATIONS; FREQUENCY AND AMOUNT OF FERTILIZATION CAN BEST BE DETERMINED THROUGH SITE SPECIFIC SOIL TESTING. MAINTENANCE: SATISFACTORY STABILIZATION AND EROSION CONTROL REQUIRES A COMPLETE VEGETATIVE COVER. EVEN SMALL BREACHES IN VEGETATIVE COVER, IF LEFT UNATTENDED, CAN ALLOW SERIOUS SOIL LOSS FROM AN OTHERWISE STABLE SURFACE. A SINGLE HEAVY RAIN IS OFTEN SUFFICIENT TO GREATLY ENLARGE BARE SPOTS, AND THE LONGER REPAIRS ARE DELAYED, THE MORE COSTLY THEY BECOME. PROMPT ACTION WILL KEEP SEDIMENT LOSS AND REPAIR COST DOWN. NEW SEEDINGS SHOULD BE INSPECTED FREQUENTLY AND MAINTENANCE PERFORMED AS NEEDED. IF RILLS AND GULLIES DEVELOP, THEY MUST BE FILLED IN, RE-SEED, AND MULCHED AS SOON AS POSSIBLE. DIVERSIONS MAY BE NEEDED UNTIL NEW PLANTS TAKE HOLD.

MAINTENANCE REQUIREMENTS EXTEND BEYOND THE SEEDING PHASE. WEAR OR DAMAGED SPOTS MUST BE RELIEVED, FERTILIZED, MULCHED, AND RESEED AS PROMPTLY AS POSSIBLE. RE-FERTILIZATION MAY BE NEEDED TO MAINTAIN PRODUCTIVE STANDS.



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

**Anlauf Engineering, PLLC**  
CIVIL ENGINEERING SERVICES

PROFESSIONAL SEAL  
SCALE 26860  
DATE 9/8/15

CERTIFICATION

REVISIONS

NO.	DATE

**ROAD CONSTRUCTION PLAN**  
**BEECH TREE TRAIL**  
TOWN OF SOUTHERN SHORES

ATLANTIC TOWNSHIP  
DAKE COUNTY  
NORTH CAROLINA

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

SHEET NO. **52**  
OF 4 SHEETS