GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

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, FOX GRAPE LANE – DARE COUNTY WATER – GIS – TIM BUTCH" AND DATED MARCH 9, 2015. SIZE, TYPE, AND LOCATION IS APPROXIMATE AND SHOULD BE FIELD VERIFIED BY THE CONTRACTOR

SURVEY DATA PROVIDED BY BARNETTE INTEGRATED LAND DEVELOPMENT ON PLAT ENTITLED "TOPOGRAPHIC BASE MAP FOR: THE TOWN OF SOUTHERN SHORES, STREET IMPROVEMENTS, FOX GRAPE LANE" AND DATED 4/1/15.

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 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)

CONTRACTOR TO COVER STONE SHOULDER WITH 2" OF TOP SOIL

THE ILLUSTRATION OF THE APPROXIMATE LOCATIONS OF THE EXISTING UTILITY LINES ARE IN ACCORDANCE TO FIELD MARKINGS PLACED IN THE RIGHT-OF-WAY BY ULOCO UNDER MARKING TICKET NUMBERS C152171925, C152171945 & C152171970. THE MARKINGS CONTAINED ON THE PLAN ARE SHOW FOR ILLUSTRATIVE PURPOSES ONLY. THE REPRESENTATIONS OF THE BURIED UTILITIES SHALL IN NO WAY BE CONSIDERED COMPLETE OR RELEASE THE CONTRACTOR FROM LOCATION RESPONSIBILITIES.

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 PREPARE ALL DRIVEWAY CONCRETE FORMS SO THAT THE FINISHED SURFACE IS SLOPED TO DRAIN RUNOFF INTO THE RIGHT-OF-WAY IN A RESPONSIBLE MANNER. FORMS SHALL BE CHECKED AND APPROVED BY THE ENGINEER PRIOR TO THE PLACEMENT OF CONCRETE.

NEW CONCRETE DRIVEWAY APRON – CONTRACTOR TO COORDINATE APRON CONSTRUCTION WITH HOMEOWNER – CONTRACTOR TO ATTEMPT TO START/END WORK AT AN EXISTING JOINT (TYP)

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

SAWCUT CLEAN EDGE (TYPICAL ALL DRIVEWAYS)

APPROXIMATE ALIGNMENT OF EXISTING 6" WATER MAIN

2' STONE SHOULDER

2' WIDE RIBBON CURB

2' WIDE ROLL-BACK CURB

STOP BAR AND STOP LETTERING TO BE BY THE TOWN

TYPICAL WATER SERVICE

CONTRACTOR TO TAKE ALL NECESSARY PRECAUTIONS TO PROTECT PRIVATE IMPROVEMENTS

DRY INFILTRATION AREA

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)

PROJECT REQUIRES THE PLACEMENT OF TRIAXIAL GEOGRID – SEE SHEET D1 FOR THE LIMITS OF THE GEOTEXTILE FABRIC

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.

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)256-1049
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.

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.

SEED ALL DISTURBED AREAS IN ACCORDANCE WITH THE GENERAL SEEDING SPECIFICATIONS

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

CONTRACTOR TO TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES

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)

LEGEND

+ 35.05 EXISTING ELEVATION(±.03')	TELEVISION PEDESTAL
+ 35.0 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 RIPRAP	PROPOSED CONTOURS
4.00' PROP. EL. SHOT	PROPOSED N-12 SOLID WALL PIPE
	PROPOSED ROLL-BACK CURB
	PROPOSED CURB AND GUTTER

FOXGRAPE LANE

GRAPHIC SCALE

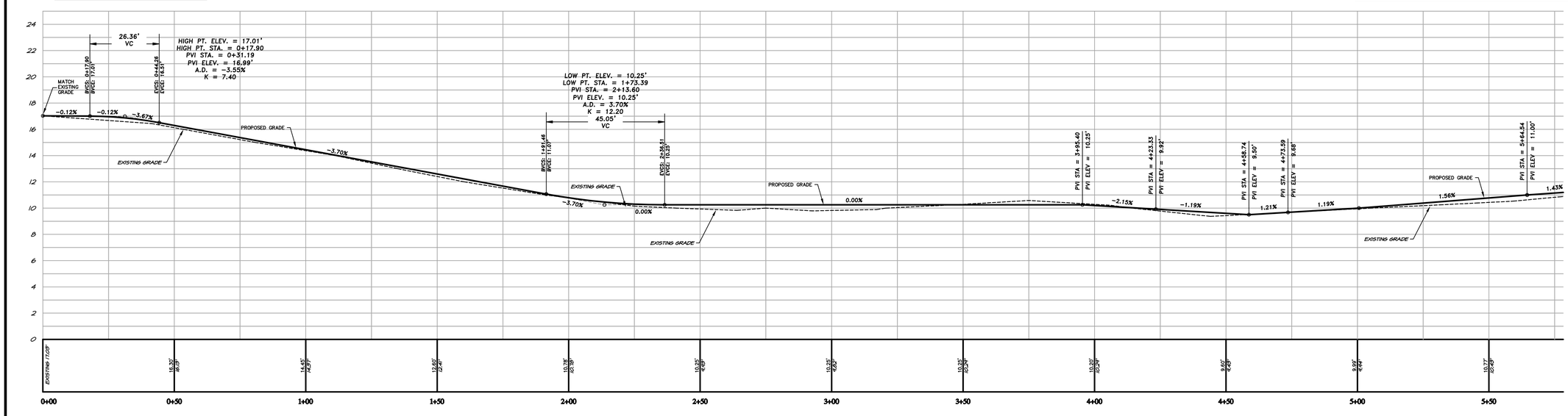
0 10 20 40 20

(IN FEET)
1 inch = 20 ft.

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

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.



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

Anlauf Engineering, PLLC
CIVIL ENGINEERING SERVICES
PROJECTS FOR ALL OCCASIONS
JAMES J. ANLAUF, PE – 4713 N. CROATAN HWY. – KITTY HAWK, NC – (252) 489-1345

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 28980 JAMES 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.
S1
OF 7 SHEETS