

07-JUN-2010 16:40 R:\Utilities\rdy\ut\Proj\4463_Ut_tsh_UC1.dgn \$\$\$USERNAME\$\$\$

T.I.P. NO.	SHEET NO.
B-4463	UC-1

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

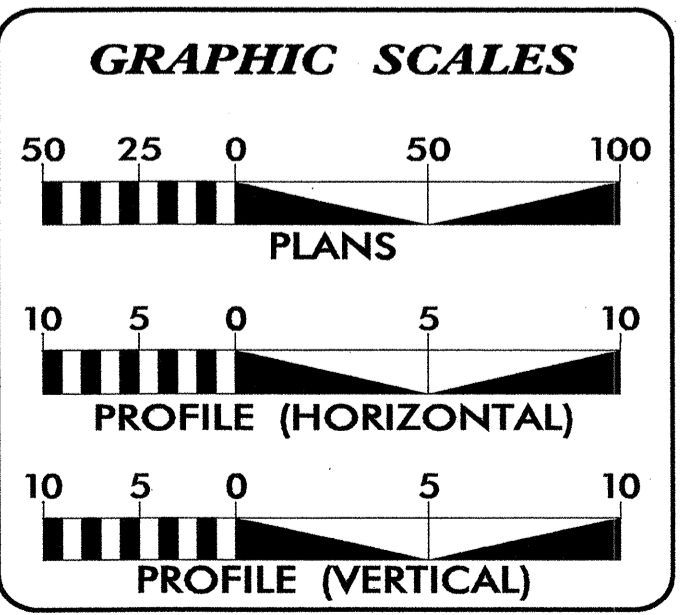
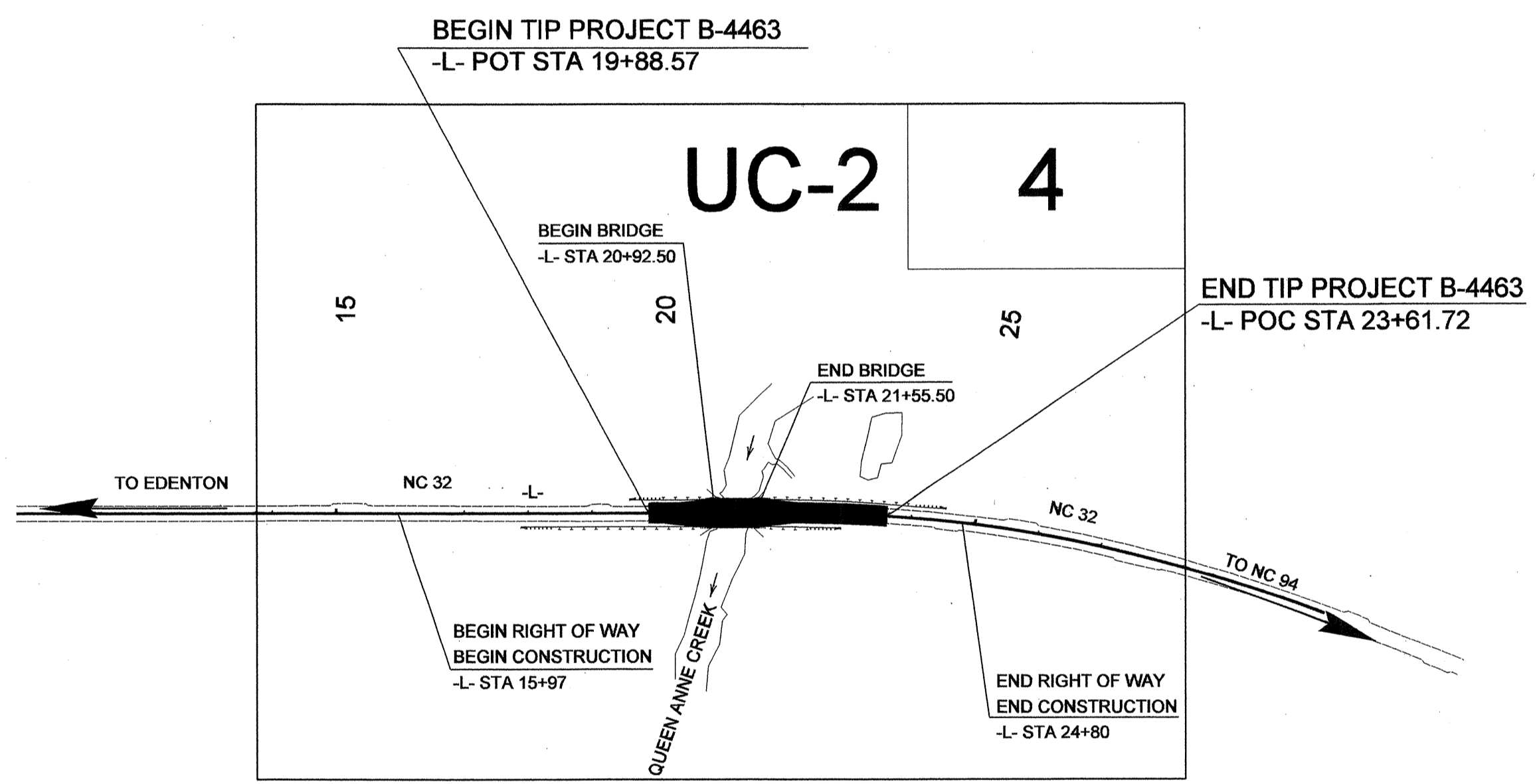
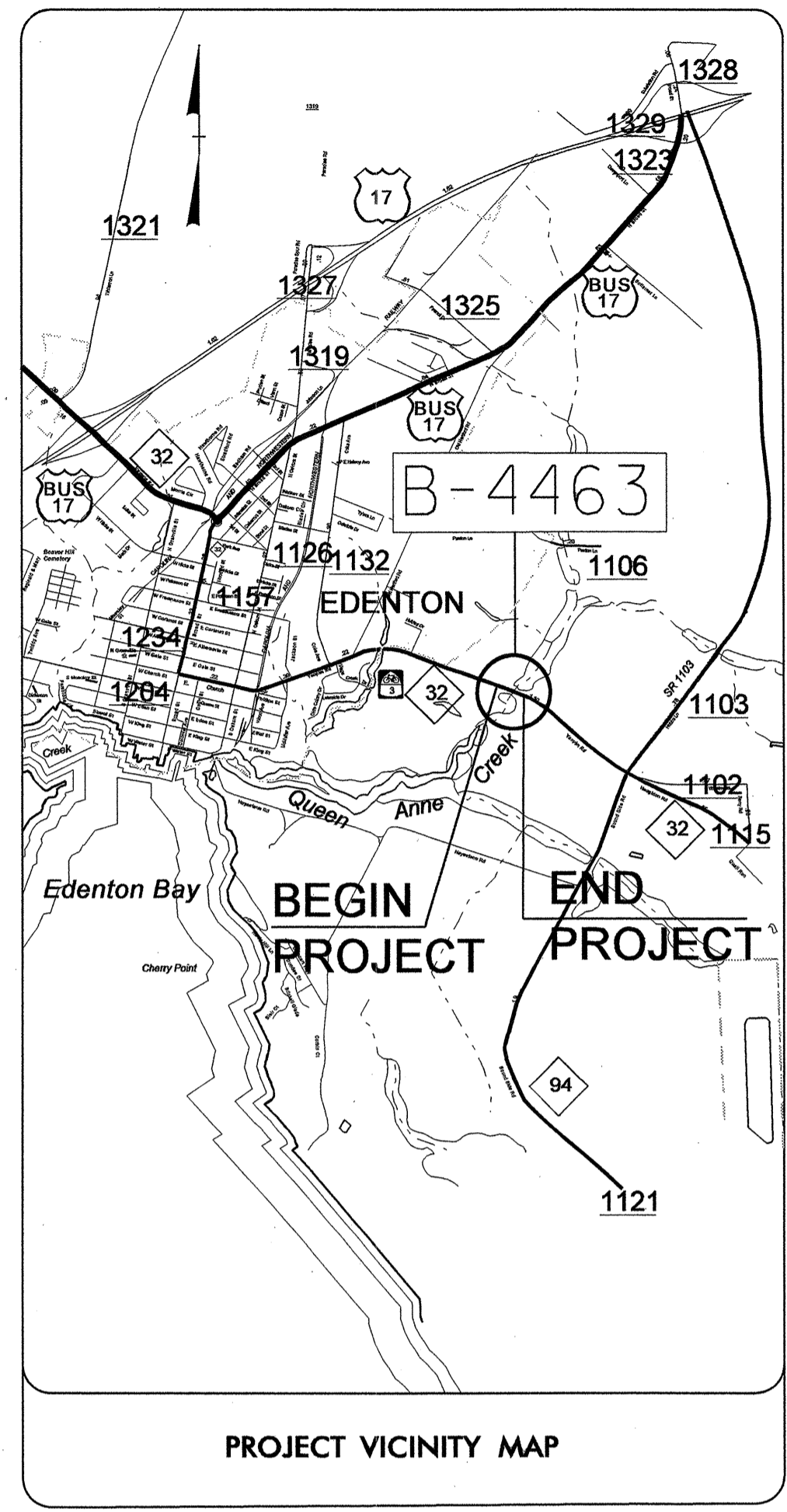
**UTILITY CONSTRUCTION PLANS
CHOWAN COUNTY**

LOCATION: BRIDGE OVER QUEEN ANNE CREEK

TYPE OF WORK: RELOCATION OF WATER LINE



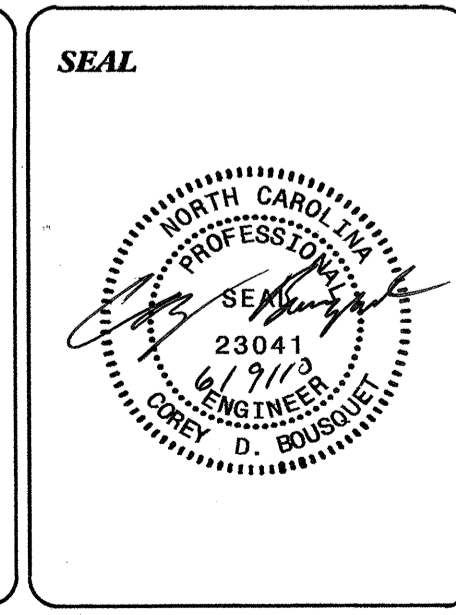
TIP PROJECT: B-4463



INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
UC-1	TITLE SHEET
UC-2	UTILITY CONSTRUCTION PLAN SHEETS
UC-3 THRU UC-5	PROFILE AND DETAIL SHEETS

WATER AND SEWER OWNERS ON PROJECT

(1) CHOWAN COUNTY WATER



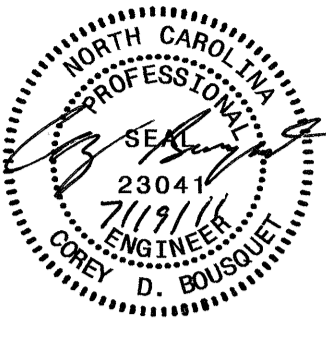
PREPARED IN THE OFFICE OF:
**DIVISION OF HIGHWAYS
UTILITIES ENGINEERING SECTION**

1591 MAIL SERVICES CENTER
RALEIGH, NC 27699-1591
PHONE (919) 250-4128
FAX (919) 250-4119

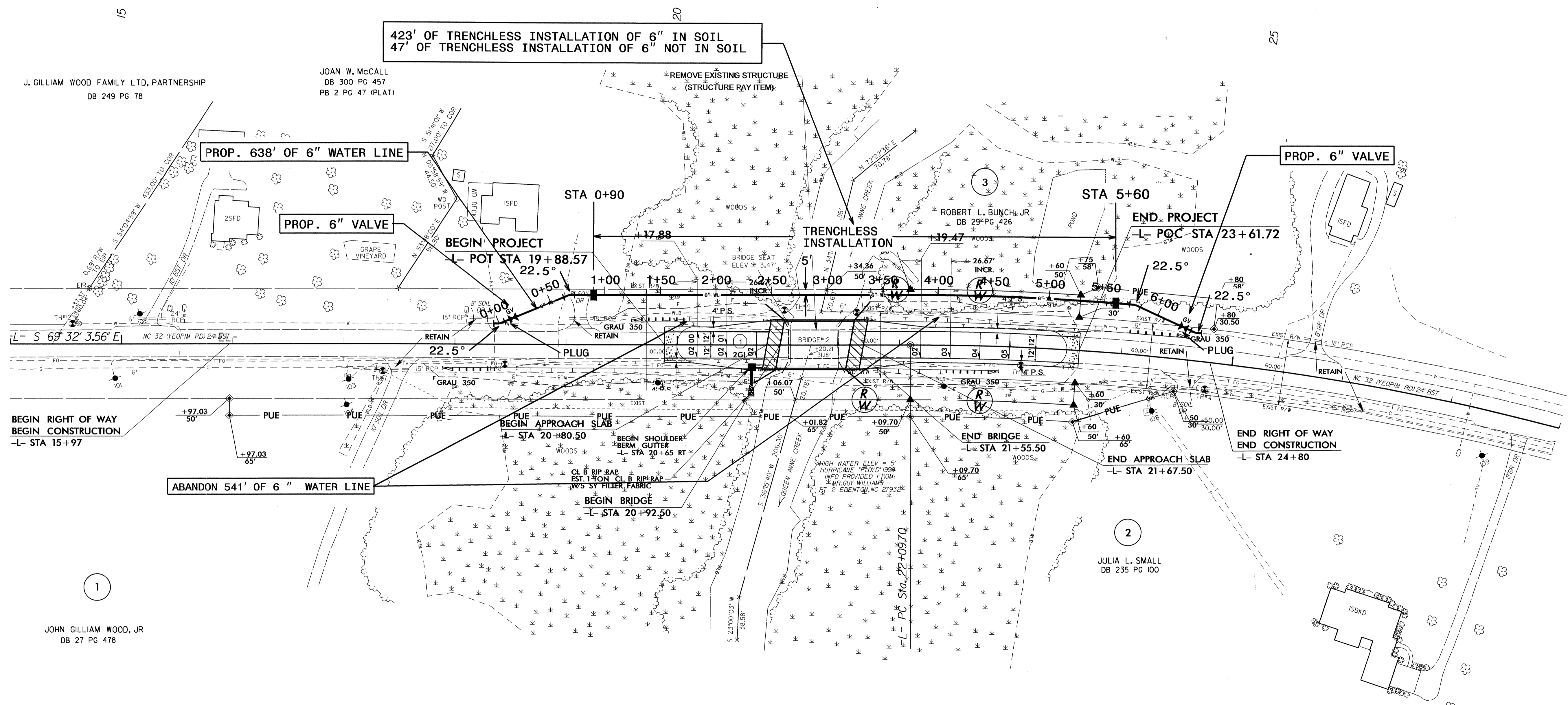
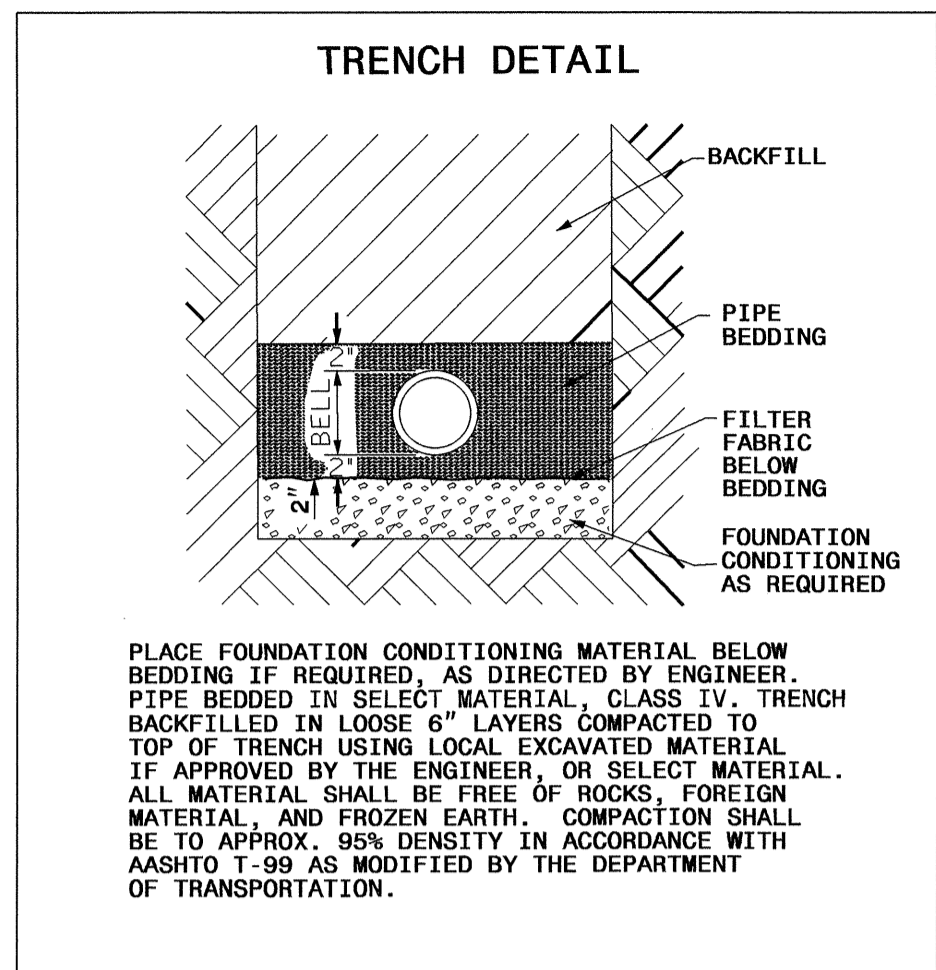
Roger Worthington, P.E. UTILITIES SECTION ENGINEER
Corey Bousquet, P.E. UTILITIES SQUAD LEADER PROJECT ENGINEER
Kelvin Martin UTILITIES PROJECT DESIGNER

5/14/99

19-JUL-2011 13:28
R:\Users\jwood\Projects\4463-Ut_rdy4_UC2_psh.dgn

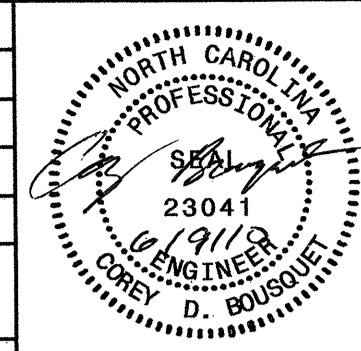
PROJECT REFERENCE NO.	SHEET NO.
B-4463	UC-2
DESIGNED BY: KSM	
DRAWN BY: KSM	
CHECKED BY: CDB	
APPROVED BY: CDB	
REVISD:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SECTION PHONE: (919)250-4128 FAX: (919)250-4119	
UTILITY CONSTRUCTION PLANS ONLY	

NOMINAL PIPE SIZE (INCHES)	TRENCH WIDTH (INCHES)	NOMINAL PIPE SIZE (INCHES)	TRENCH WIDTH (INCHES)
4	28	20	44
6	30	24	48
8	32	30	54
10	34	36	60
12	36	42	66
14	38	48	72
16	40	54	78
18	42		



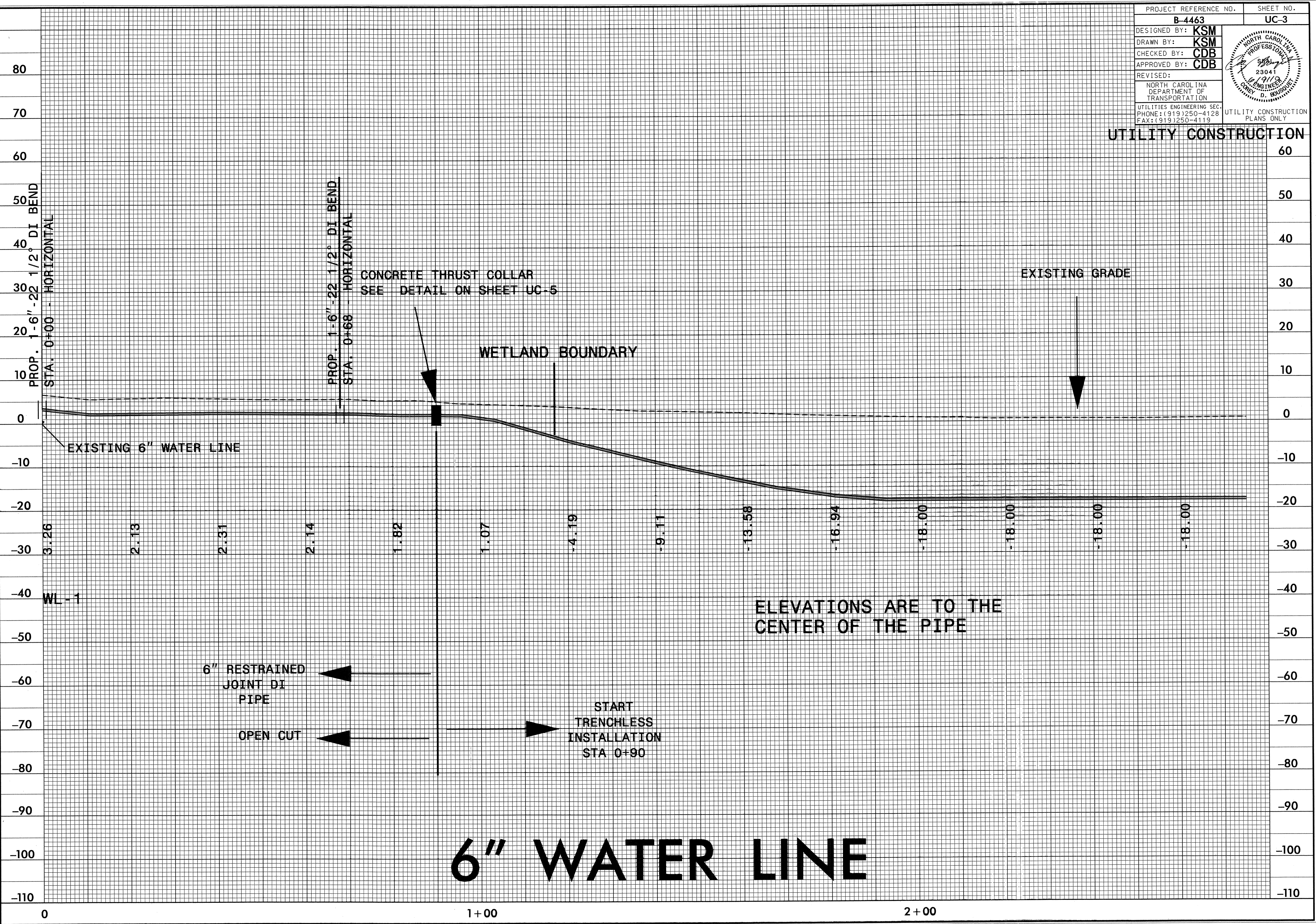
JOHN GILLIAM WOOD, JR.
DB 27 PG 478

JULIA L. SMALL
DB 235 PG 100

PROJECT REFERENCE NO.	SHEET NO.
B-4463	UC-3
DESIGNED BY: KSM	
DRAWN BY: KSM	
CHECKED BY: CDB	
APPROVED BY: CDB	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION PLANS ONLY	

UTILITY CONSTRUCTION

5/14/99
08-JUN-2010 15:45 I:\Projects\B4463 waterlineprofile.dgn



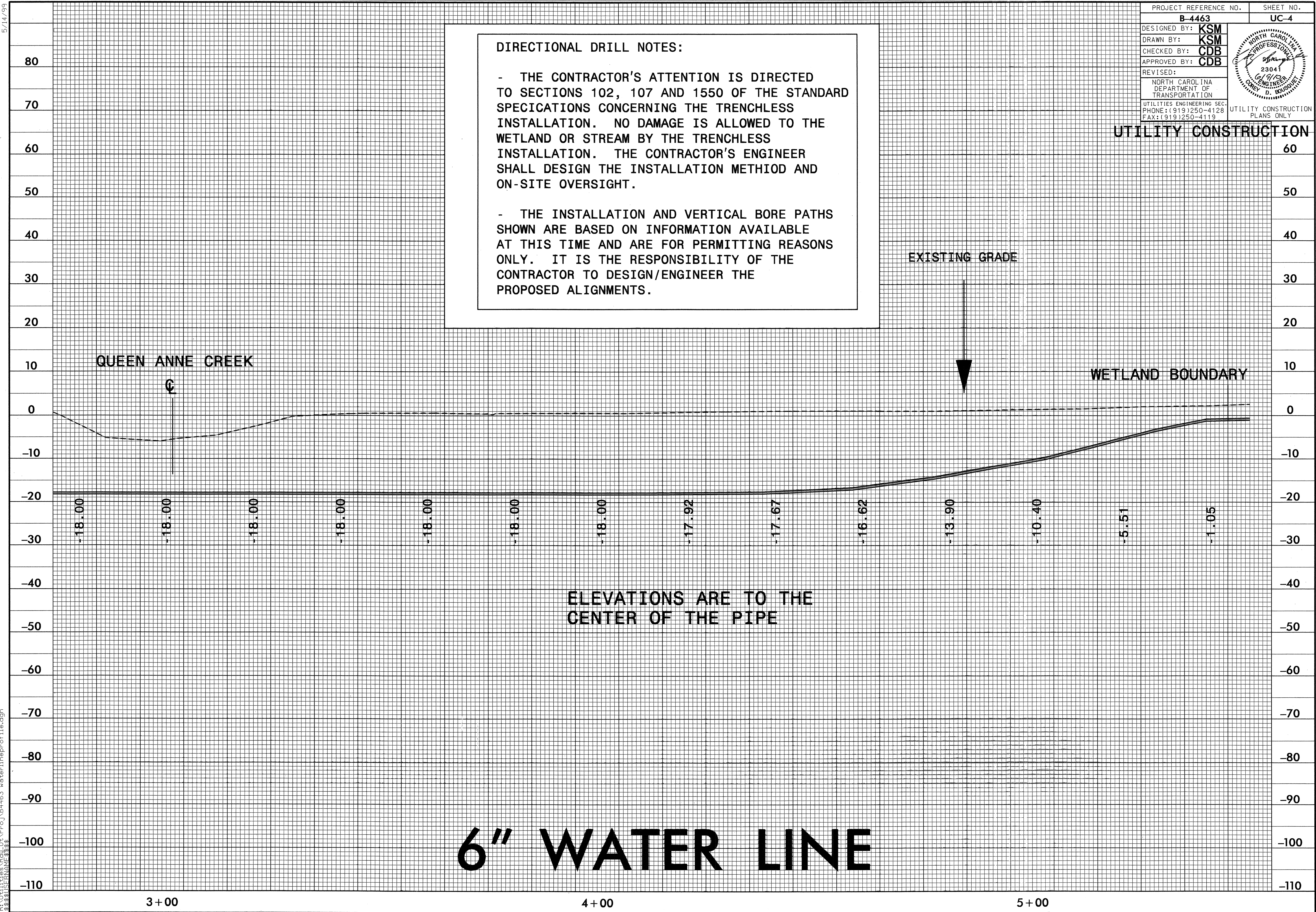
5/14/99

PROJECT REFERENCE NO.	SHEET NO.
B-4463	UC-4
DESIGNED BY: KSM	
DRAWN BY: KSM	
CHECKED BY: CDB	
APPROVED BY: CDB	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE: (919)250-4128 FAX: (919)250-4119	
UTILITY CONSTRUCTION PLANS ONLY	

DIRECTIONAL DRILL NOTES:

- THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTIONS 102, 107 AND 1550 OF THE STANDARD SPECIFICATIONS CONCERNING THE TRENCHLESS INSTALLATION. NO DAMAGE IS ALLOWED TO THE WETLAND OR STREAM BY THE TRENCHLESS INSTALLATION. THE CONTRACTOR'S ENGINEER SHALL DESIGN THE INSTALLATION METHOD AND ON-SITE OVERSIGHT.
- THE INSTALLATION AND VERTICAL BORE PATHS SHOWN ARE BASED ON INFORMATION AVAILABLE AT THIS TIME AND ARE FOR PERMITTING REASONS ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DESIGN/ENGINEER THE PROPOSED ALIGNMENTS.

UTILITY CONSTRUCTION



ELEVATIONS ARE TO THE CENTER OF THE PIPE

6" WATER LINE

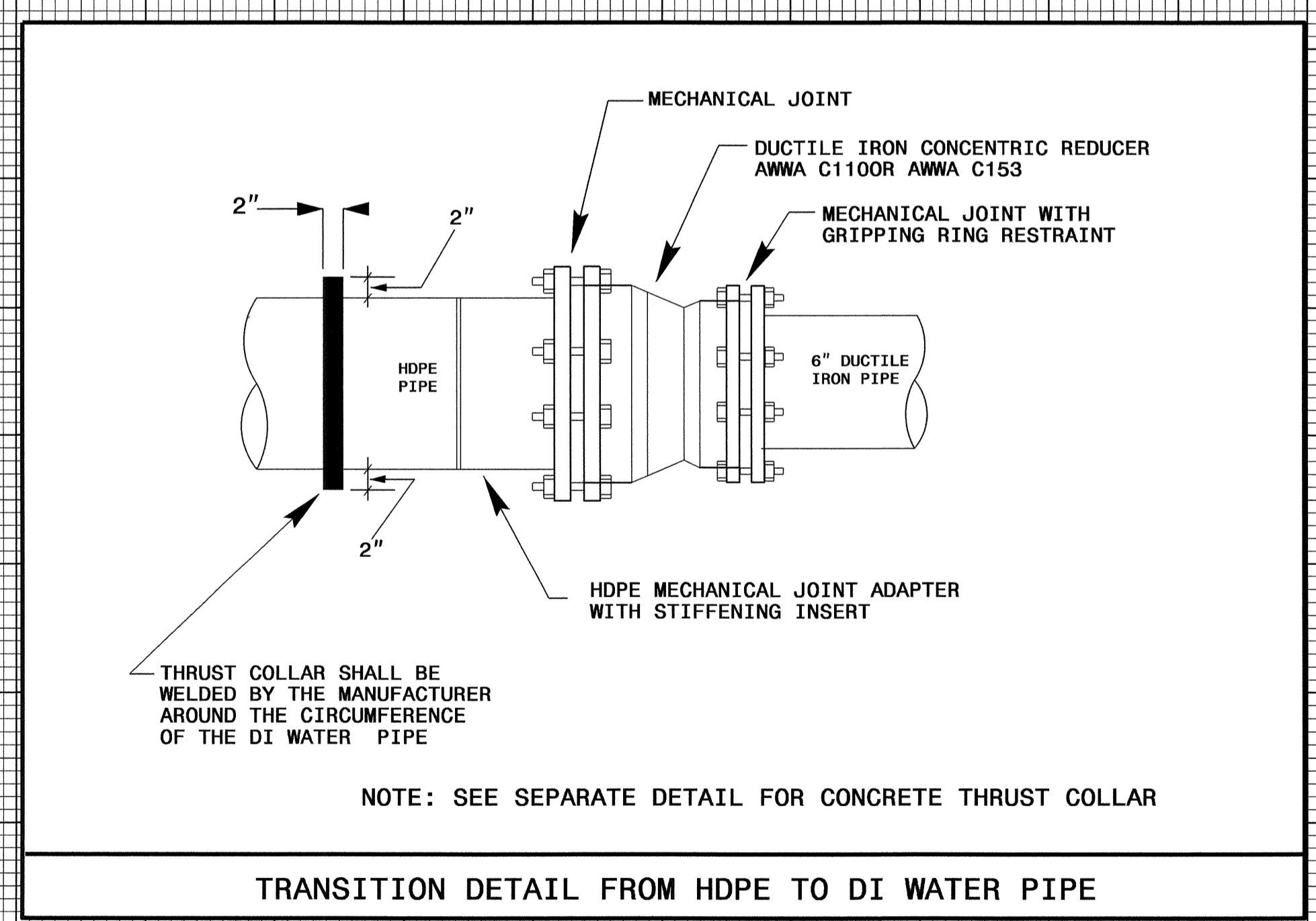
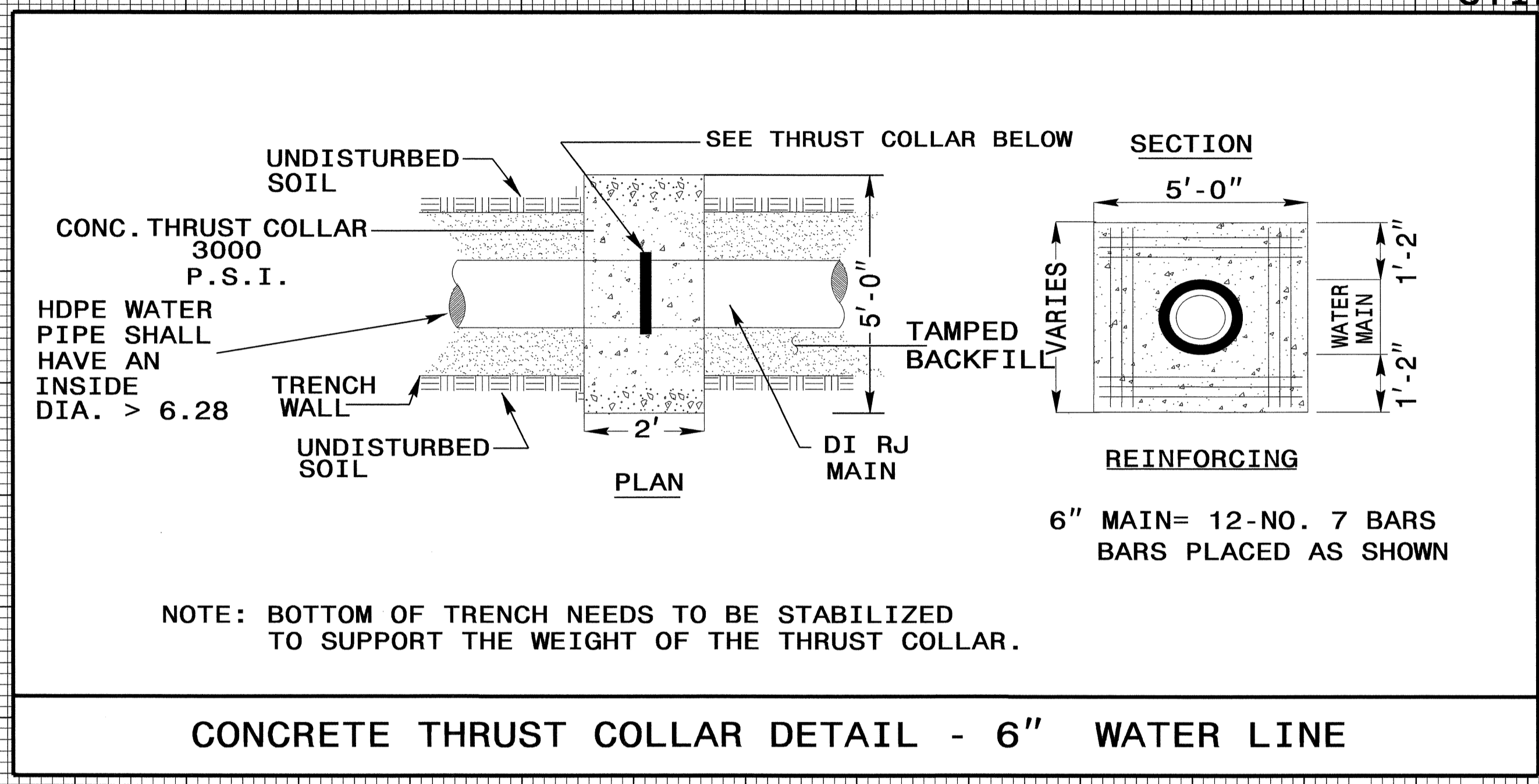
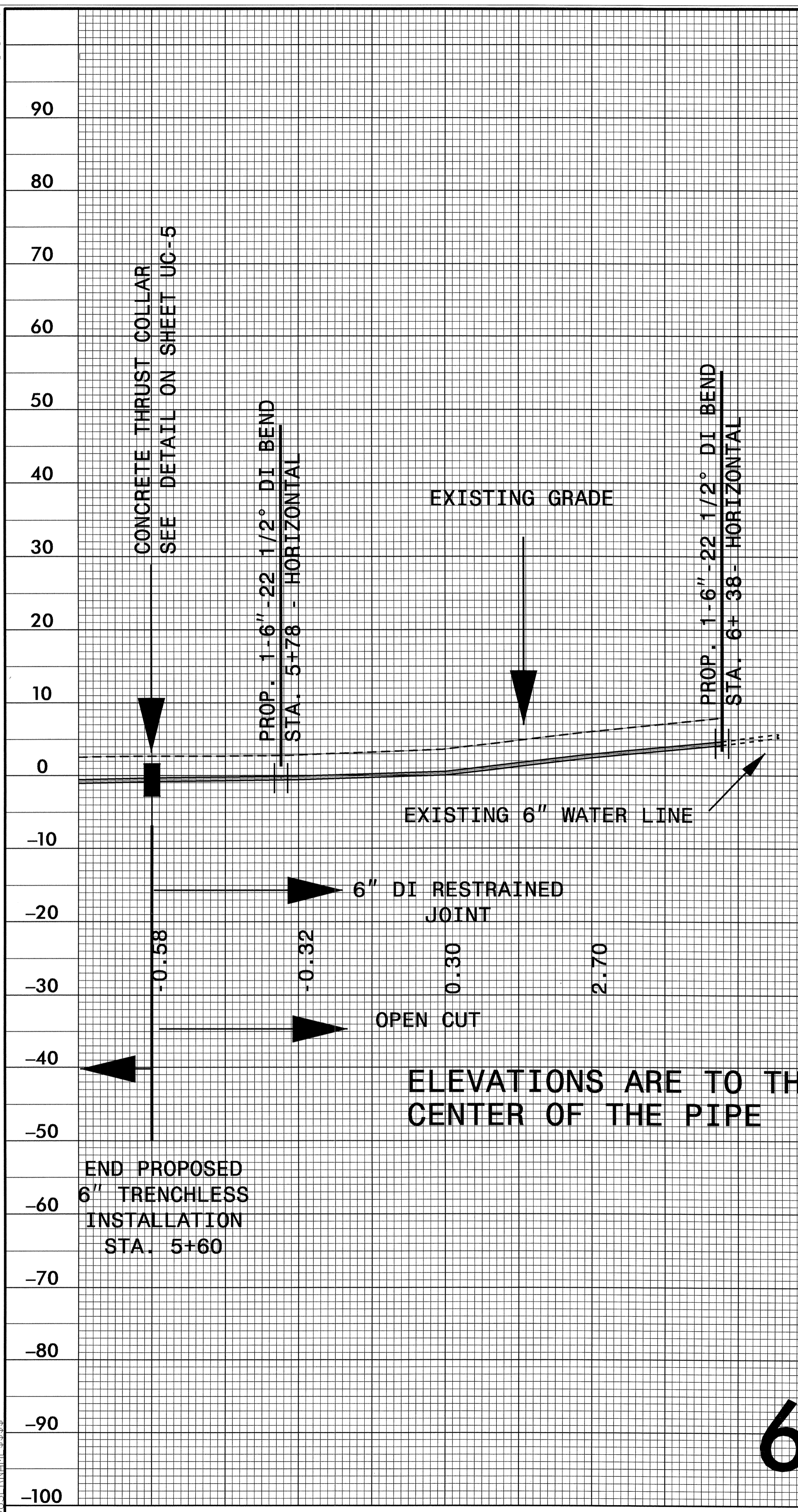
08 JUN 2010 15:09 I:\A\Proj\B4463 waterlineprofile.dgn

5/14/99

19-JUL-2011 13:31
F:\Projects\B4463\Utility\Proj\B4463\waterlineprofile.dgn

PROJECT REFERENCE NO.	SHEET NO.
B-4463	UC-5
DESIGNED BY: KSM	
DRAWN BY: KSM	
CHECKED BY: CDB	
APPROVED BY: CDB	
REVISED: 3/29/10	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919) 250-4128 FAX: (919) 250-4119	

UTILITY CONSTRUCTION



6" WATER LINE

6+00

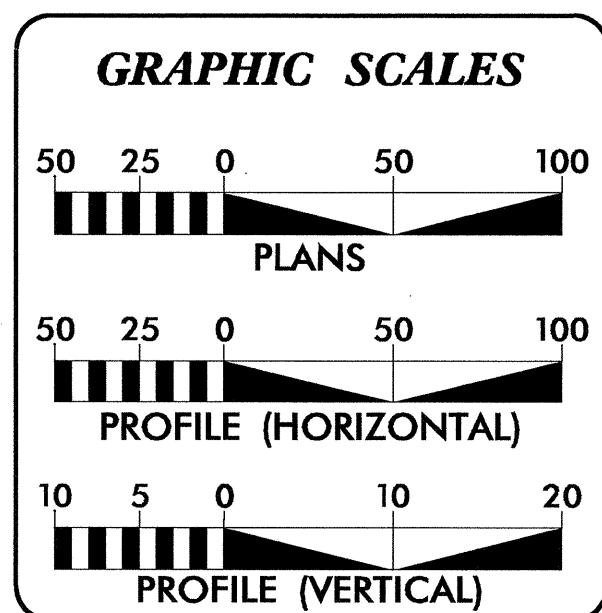
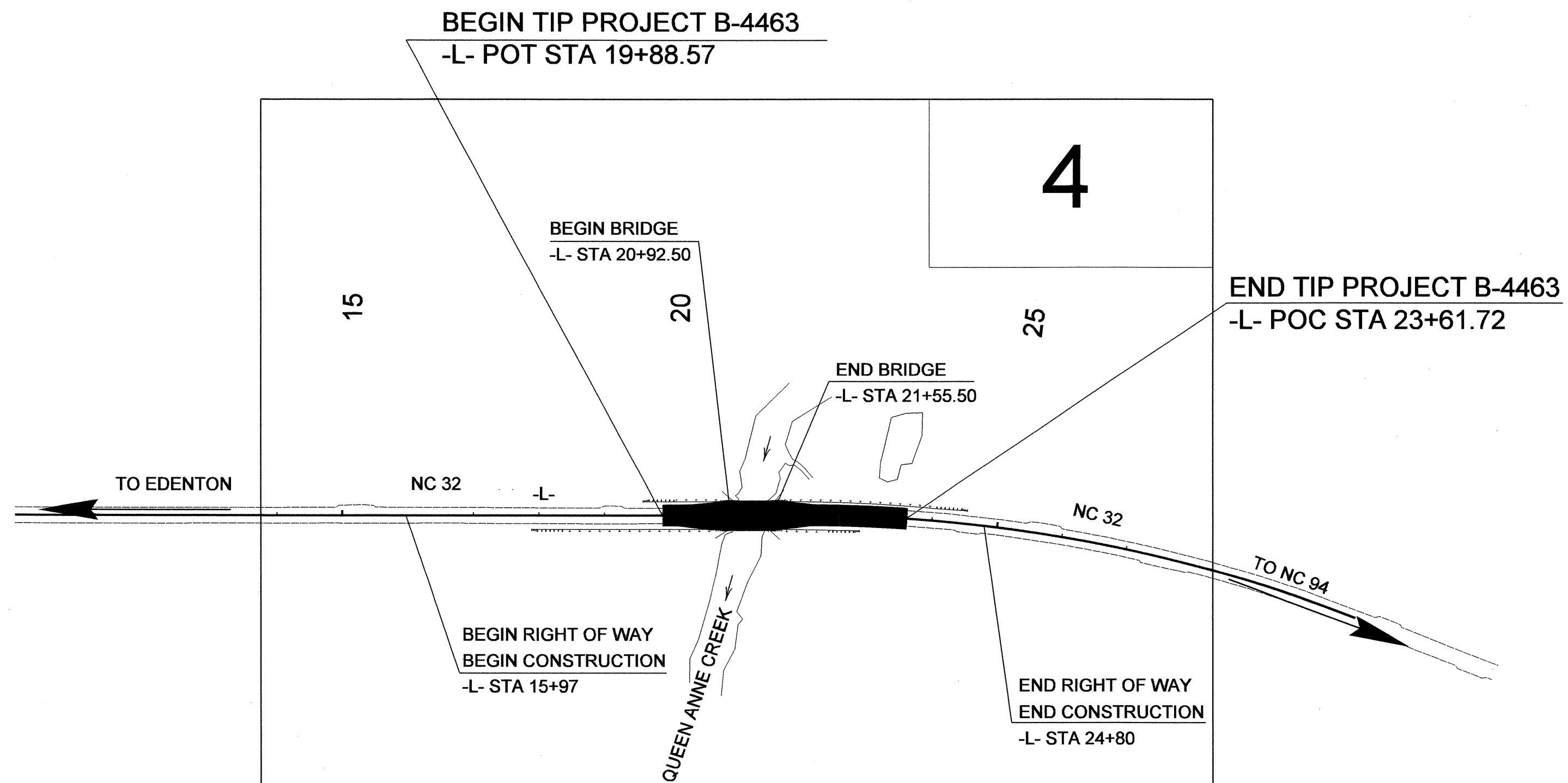
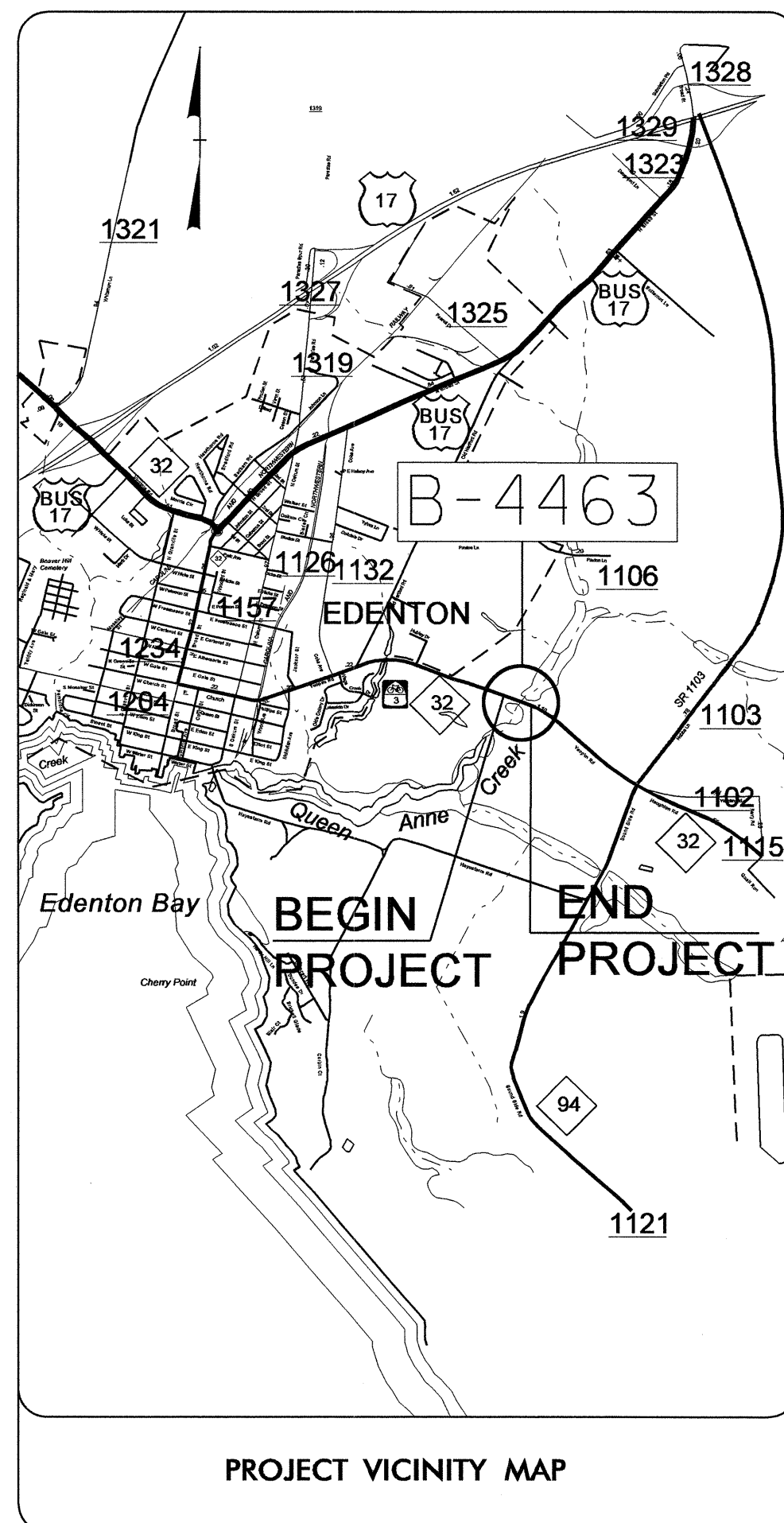
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

**UTILITIES BY OTHERS PLANS
CHOWAN COUNTY**

LOCATION: BRIDGE OVER QUEEN ANNE CREEK
**TYPE OF WORK: RELOCATION OF GAS, POWER,
TELEPHONE AND CATV**



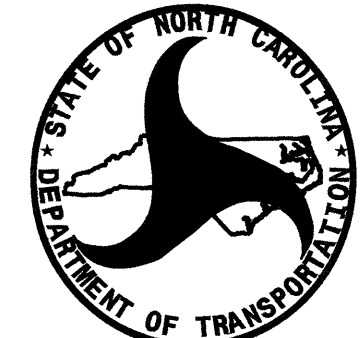
TIP PROJECT: B-4463



INDEX OF SHEETS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
UO-1	TITLE SHEET
UO-2	UTILITY BY OTHERS PLAN SHEETS

- UTILITY OWNERS ON PROJECT**
- (1) CITY OF EDENTON
 - (2) PIEDMONT NATURAL GAS
 - (3) CENTURY-LINK TELEPHONE
 - (4) MEDIA TELE-COM TELECOM



PREPARED IN THE OFFICE OF:
**DIVISION OF HIGHWAYS
UTILITIES ENGINEERING
SECTION**

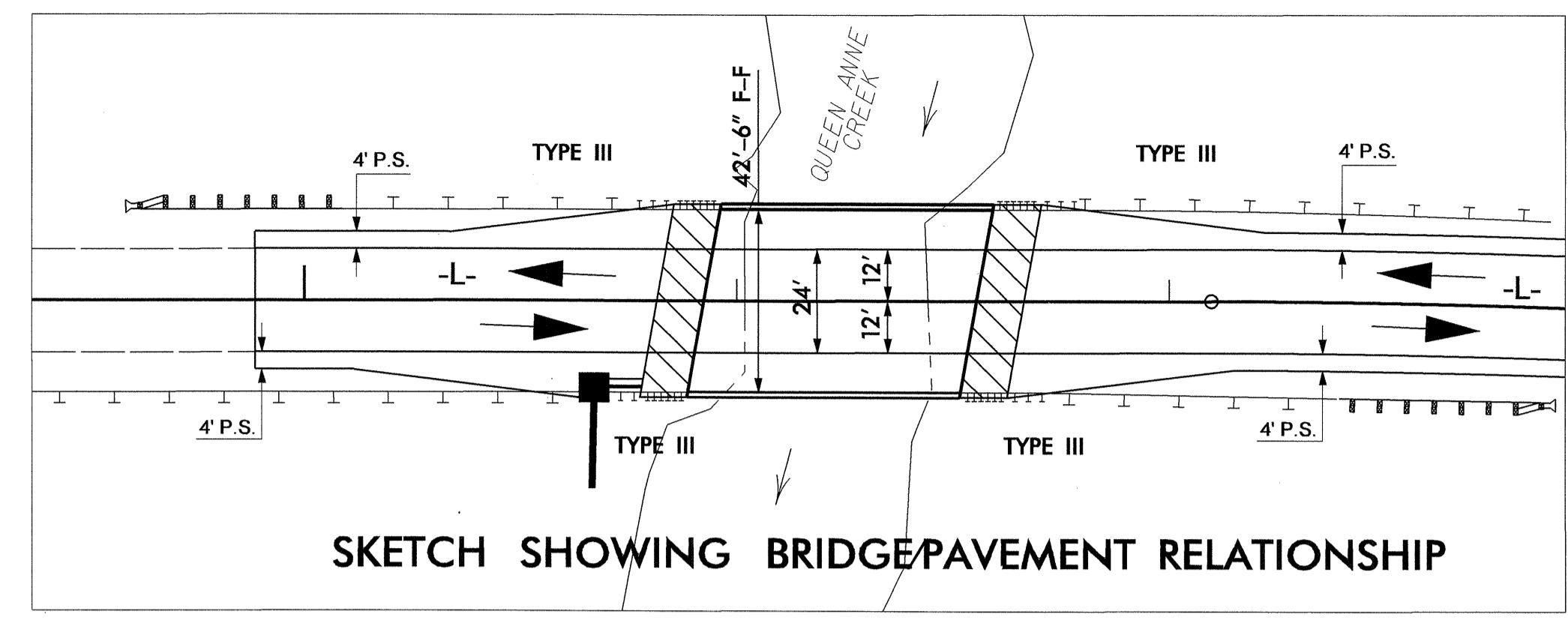
1591 MAIL SERVICES CENTER
RALEIGH NC 27699-1591
PHONE (919) 250-4128
FAX (919) 250-4119

Roger Worthington, P.E. UTILITIES SECTION ENGINEER
Corey Bousquet, P.E. UTILITIES SQUAD LEADER PROJECT ENGINEER
Kevin Martin UTILITIES PROJECT DESIGNER

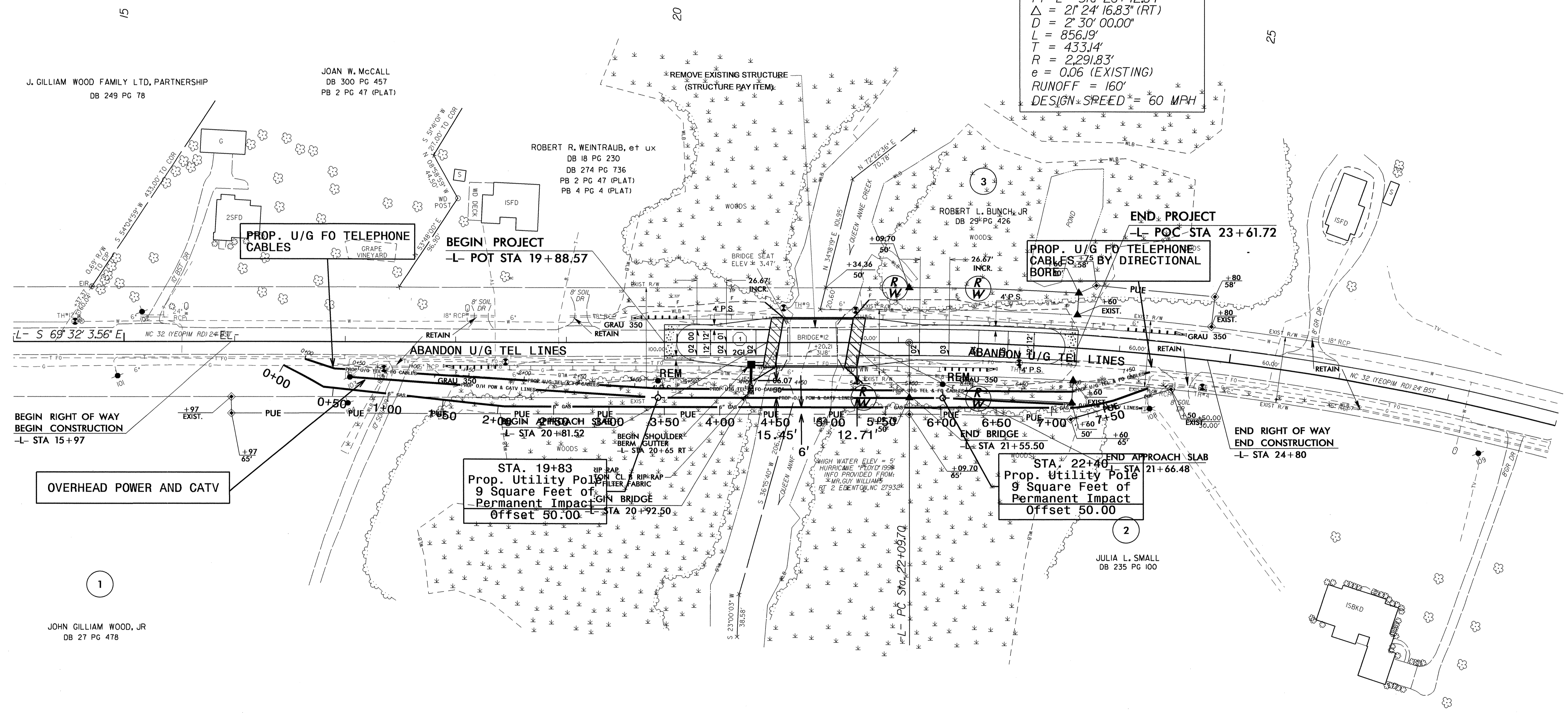
UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS

NC GRID
NAD
83/95



-L- CURVE DATA
CURVE 1
PI -L- Sta 26+42.84
 $\Delta = 21^\circ 24' 16.83''$ (RT)
 $D = 2^\circ 30' 00.00''$
 $L = 856.19'$
 $T = 433.14'$
 $R = 2,291.83'$
 $e = 0.06$ (EXISTING)
RUNOFF = 160'
DESIGN SPEED = 60 MPH



J. GILLIAM WOOD FAMILY LTD, PARTNERSHIP
DB 249 PG 78

JOAN W. McCALL
DB 300 PG 457
PB 2 PG 47 (PLAT)

ROBERT R. WEINTRAUB, et ux
DB 18 PG 230
DB 274 PG 736
PB 2 PG 47 (PLAT)
PB 4 PG 4 (PLAT)

ROBERT L. BUNCH, JR.
DB 29 PG 426

JULIA L. SMALL
DB 235 PG 100

OVERHEAD POWER AND CATV

STA. 19+83
Prop. Utility Pole
9 Square Feet of
Permanent Impact
Offset 50.00

STA. 22+40
Prop. Utility Pole
9 Square Feet of
Permanent Impact
Offset 50.00

1

JOHN GILLIAM WOOD, JR
DB 27 PG 478

5/14/99
25-MAY-2011 15:05
R:\ut\11-25-MAY-2011\4463-Ut_rdy4_UO2_psh.dgn