

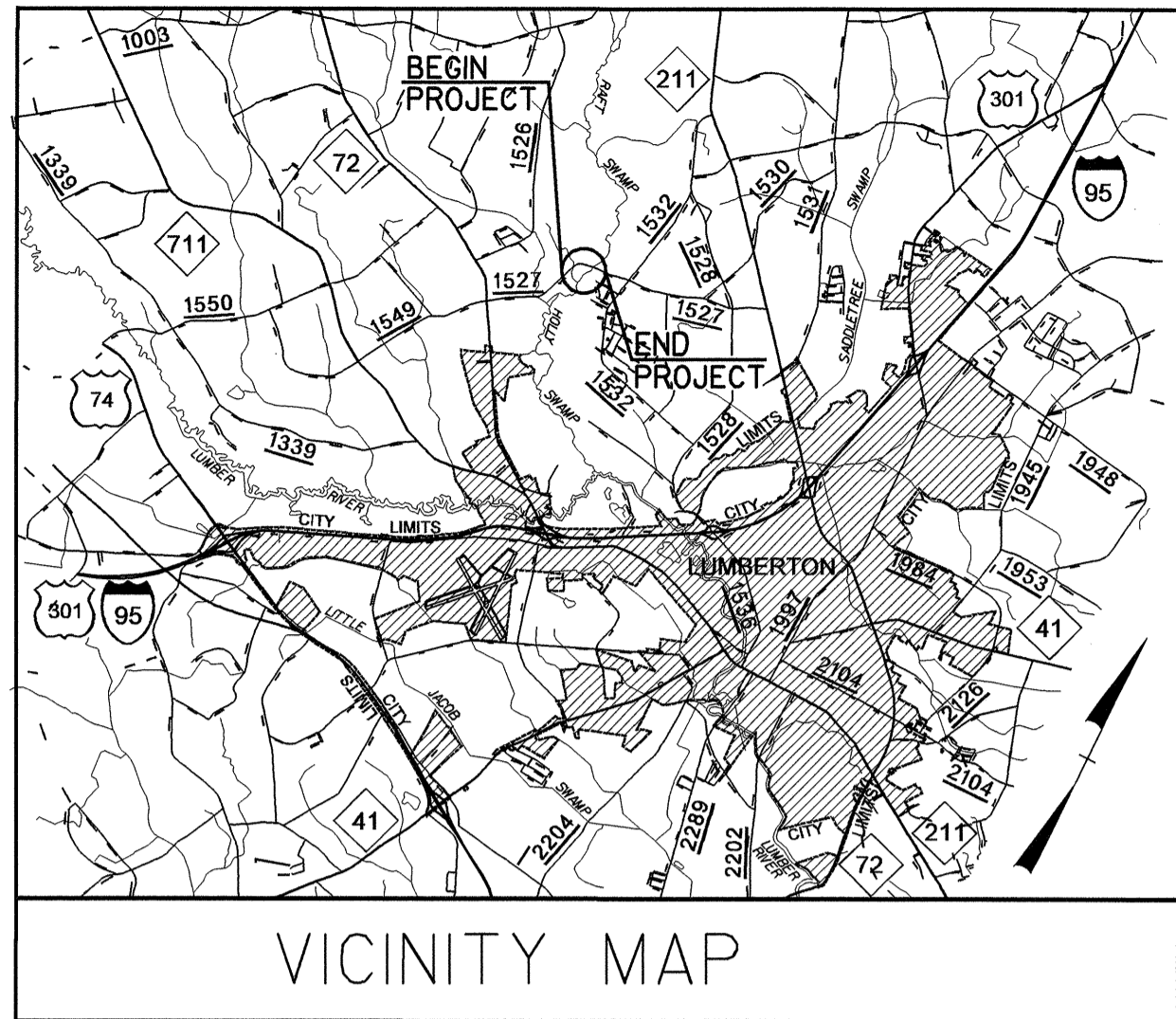
05/08/95

TIP PROJECT: B-3693

T.I.P. NO.	SHEET NO.
B-3693	UC-1

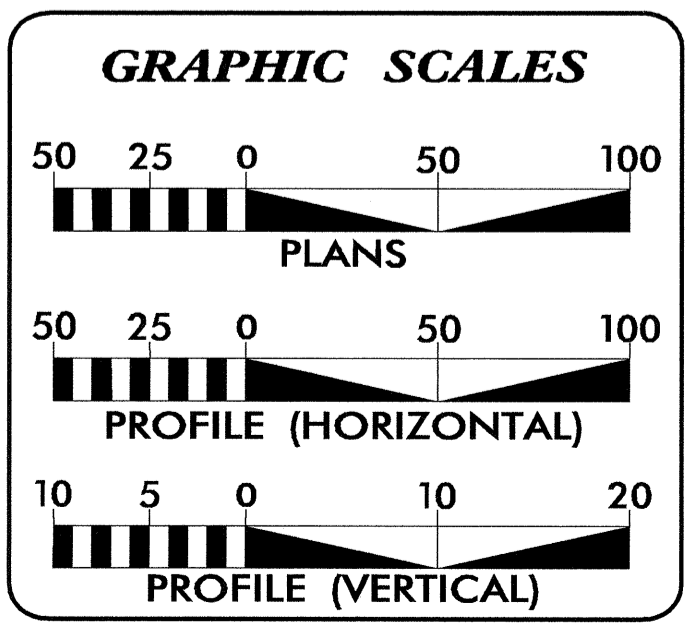
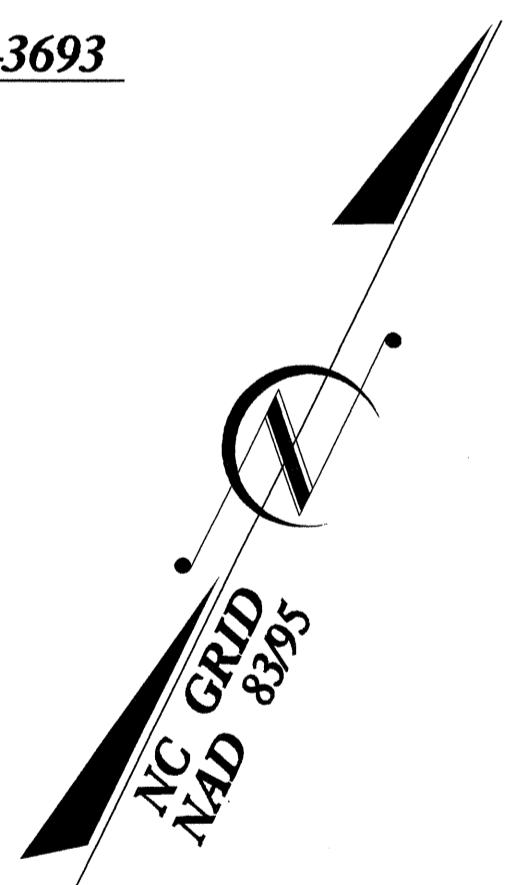
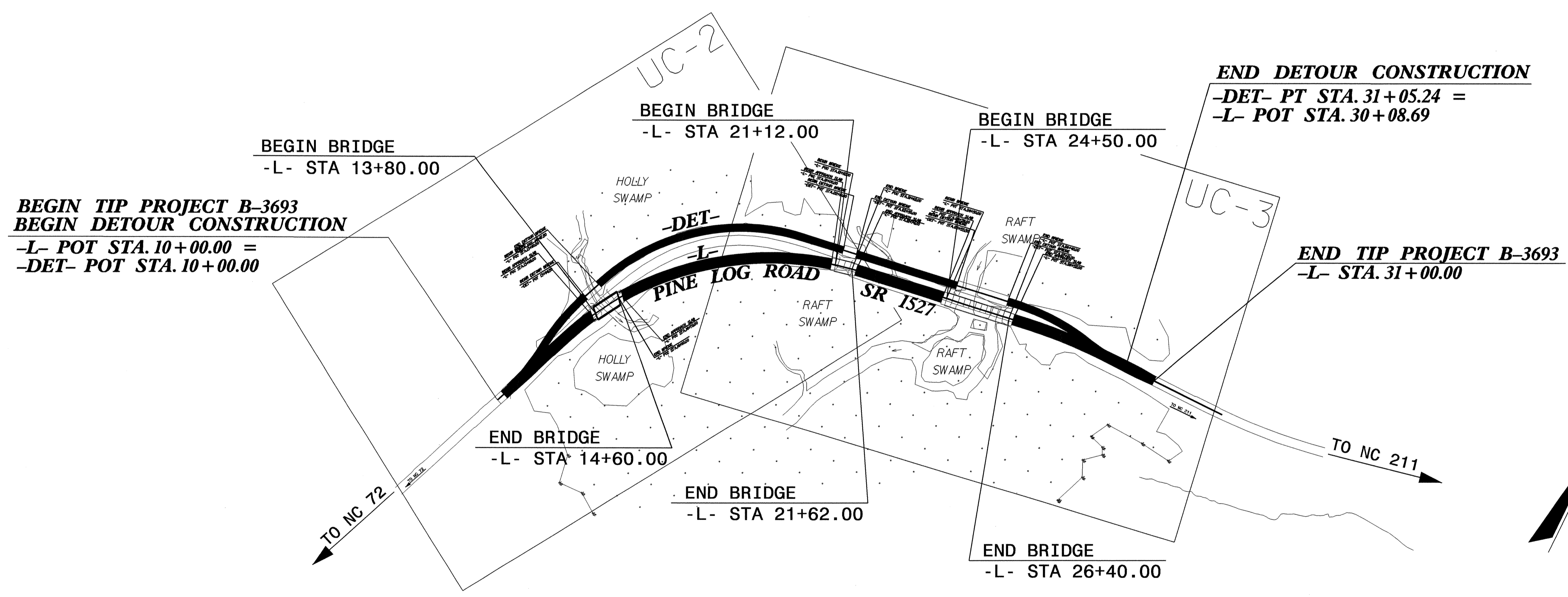
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

UTILITY CONSTRUCTION PLANS
ROBESON COUNTY



LOCATION: BRIDGE NO. 207 OVER HOLLY SWAMP AND BRIDGE NOS. 210 AND 211 OVER RAFT SWAMP ON SR 1527

TYPE OF WORK: UTILITY CONSTRUCTION

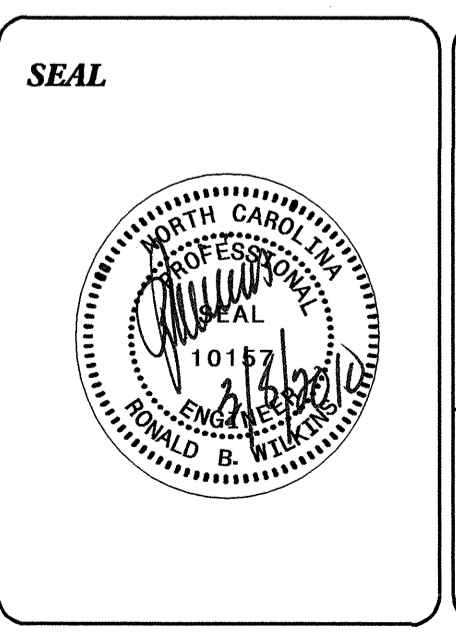


INDEX OF SHEETS

SHEET NO.	DESCRIPTION
UC-1	TITLE SHEET
UC-2 THRU UC-3	UTILITY CONSTRUCTION PLAN SHEETS
UC-4	UTILITY CONSTRUCTION PROFILE SHEET

WATER AND SEWER OWNERS ON PROJECT

(1) WATER : ROBESON COUNTY

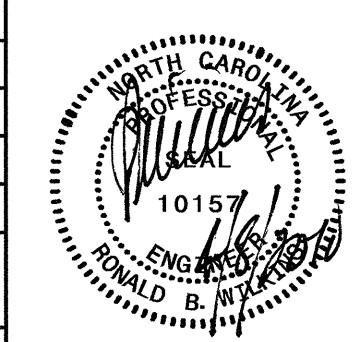


PREPARED IN THE OFFICE OF:
DIVISION OF HIGHWAYS
UTILITIES ENGINEERING
SECTION

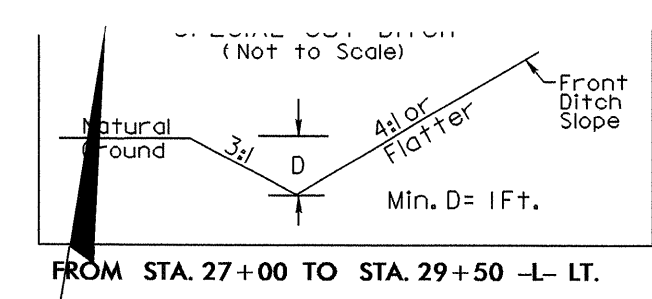
1591 MAIL SERVICES CENTER
RALEIGH NC 27699-1591
PHONE (919) 250-4128
FAX (919) 250-4119

Roger Worthington, P.E. UTILITIES SECTION ENGINEER
R.B. Wilkins, P.E. UTILITIES SQUAD LEADER PROJECT ENGINEER
Jong-Tae Yoon UTILITIES PROJECT DESIGNER

05-MAR-2010 09:07
C:\UTILITIES\Robeson\Proj\B-3693\ut_title_ucl_psh.dgn
\$\$\$\$\$USERNAME\$\$\$\$\$

PROJECT REFERENCE NO.	SHEET NO.
B-3693	UC-3
DESIGNED BY: JTY	
DRAWN BY: JTY	
CHECKED BY: RBW	
APPROVED BY: RBW	
REVISER:	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
UTILITIES ENGINEERING SECTION PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION PLANS ONLY	

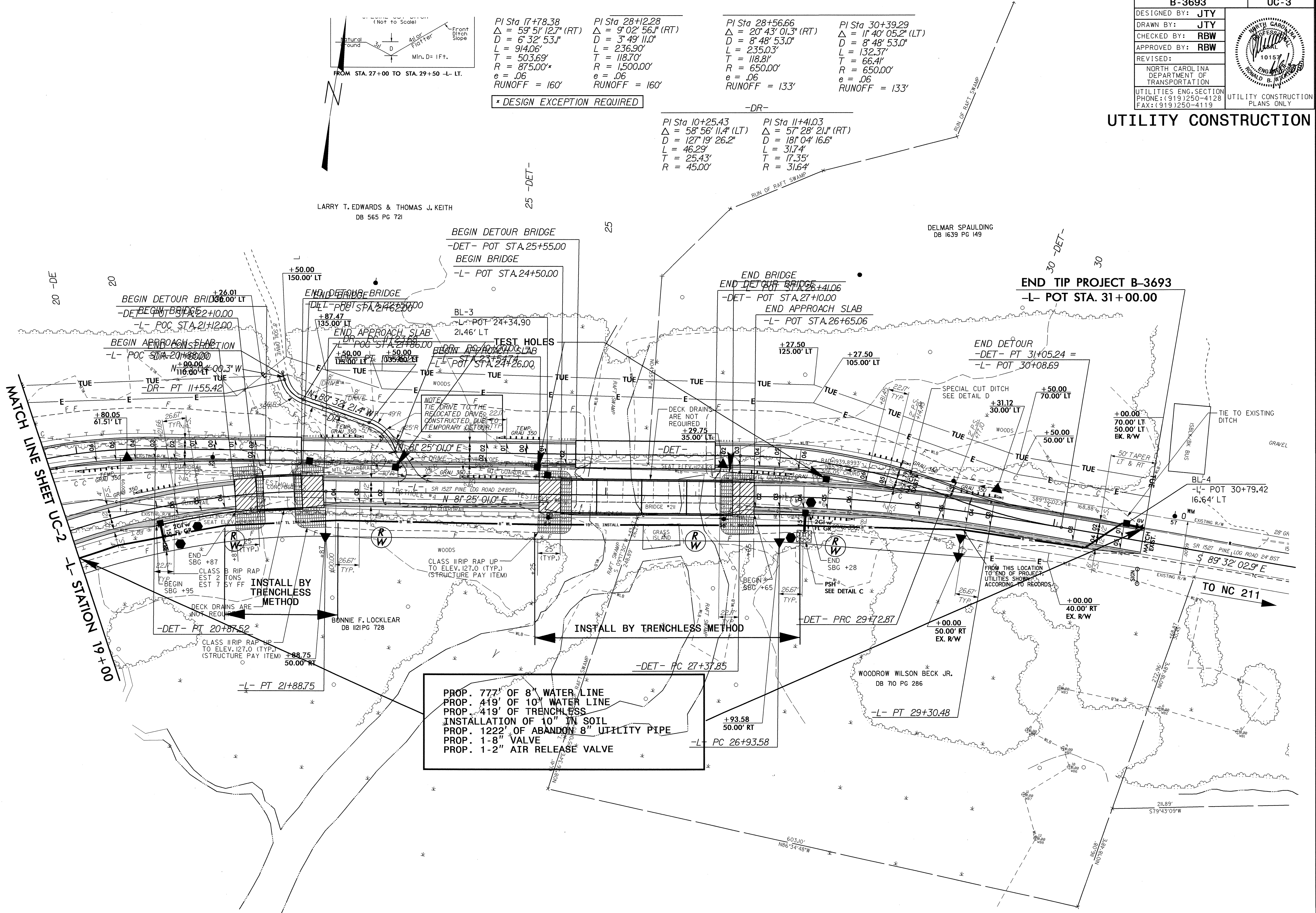
UTILITY CONSTRUCTION



PI Sta 17+78.38 $\Delta = 59^\circ 51' 12.7''$ (RT) $D = 6^\circ 32' 53.1''$ $L = 914.06'$ $T = 503.69'$ $R = 875.00'$ $e = .06$ RUNOFF = 160'	PI Sta 28+12.28 $\Delta = 9^\circ 02' 56.1''$ (RT) $D = 3^\circ 49' 11.0''$ $L = 236.90'$ $T = 118.70'$ $R = 1,500.00'$ $e = .06$ RUNOFF = 160'	PI Sta 28+56.66 $\Delta = 20^\circ 43' 01.3''$ (RT) $D = 8^\circ 48' 53.0''$ $L = 235.03'$ $T = 118.81'$ $R = 650.00'$ $e = .06$ RUNOFF = 133'	PI Sta 30+39.29 $\Delta = 1^\circ 40' 05.2''$ (LT) $D = 8^\circ 48' 53.0''$ $L = 132.37'$ $T = 66.41'$ $R = 650.00'$ $e = .06$ RUNOFF = 133'
---	--	---	---

*** DESIGN EXCEPTION REQUIRED**

PI Sta 10+25.43 $\Delta = 58^\circ 56' 11.4''$ (LT) $D = 127^\circ 19' 26.2''$ $L = 46.29'$ $T = 25.43'$ $R = 45.00'$	PI Sta 11+41.03 $\Delta = 57^\circ 28' 21.1''$ (RT) $D = 18^\circ 04' 16.6''$ $L = 31.74'$ $T = 17.35'$ $R = 31.64'$
---	--



LARRY T. EDWARDS & THOMAS J. KEITH
DB 565 PG 721

DELMAR SPAULDING
DB 1639 PG 149

BONNIE F. LOCKLEAR
DB 1121 PG 728

WOODROW WILSON BECK JR.
DB 710 PG 286

PROP. 777' OF 8" WATER LINE
 PROP. 419' OF 10" WATER LINE
 PROP. 419' OF TRENCHLESS
 INSTALLATION OF 10" IN SOIL
 PROP. 1222' OF ABANDON 8" UTILITY PIPE
 PROP. 1-8" VALVE
 PROP. 1-2" AIR RELEASE VALVE

MATCH LINE SHEET UC-2
L-STATION 19+00

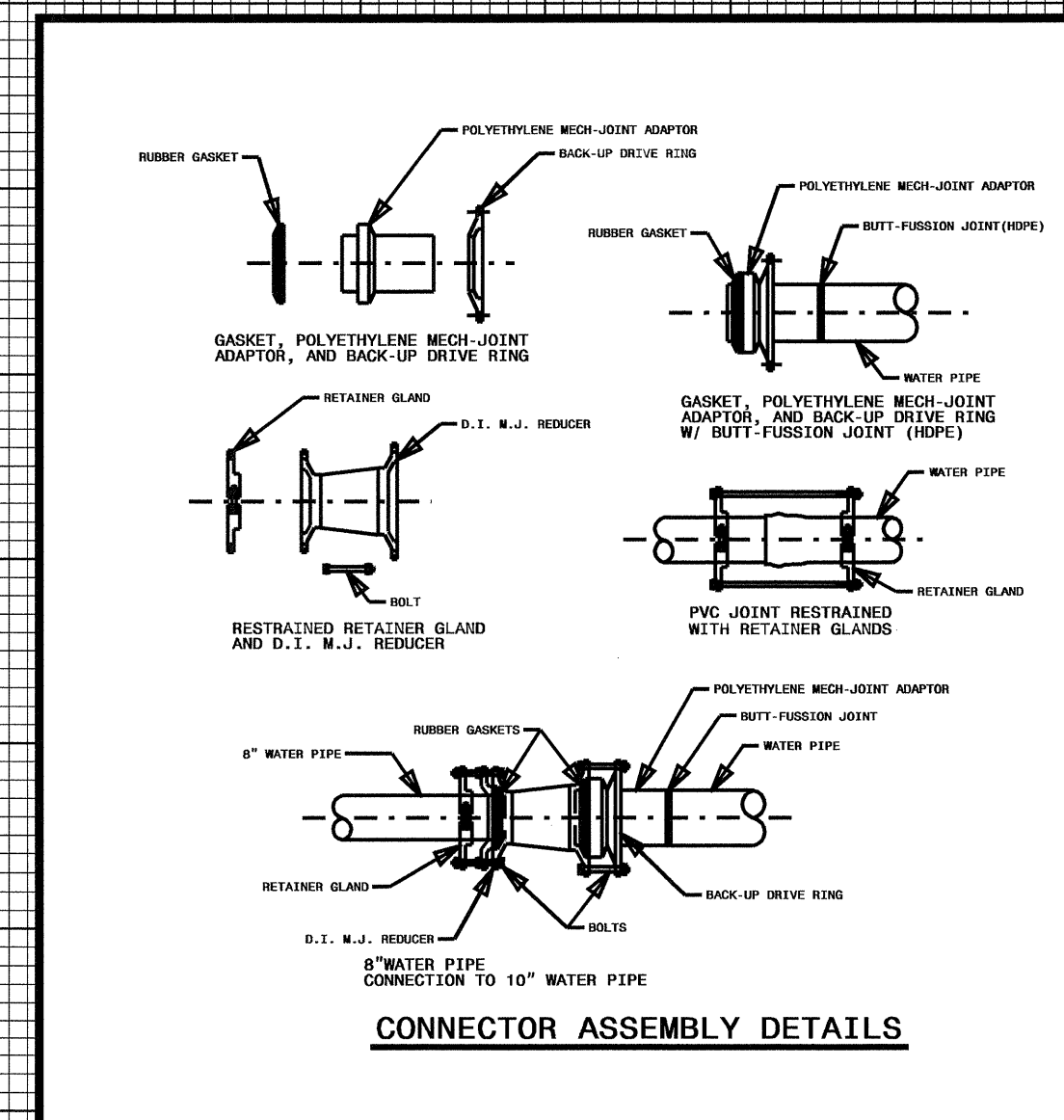
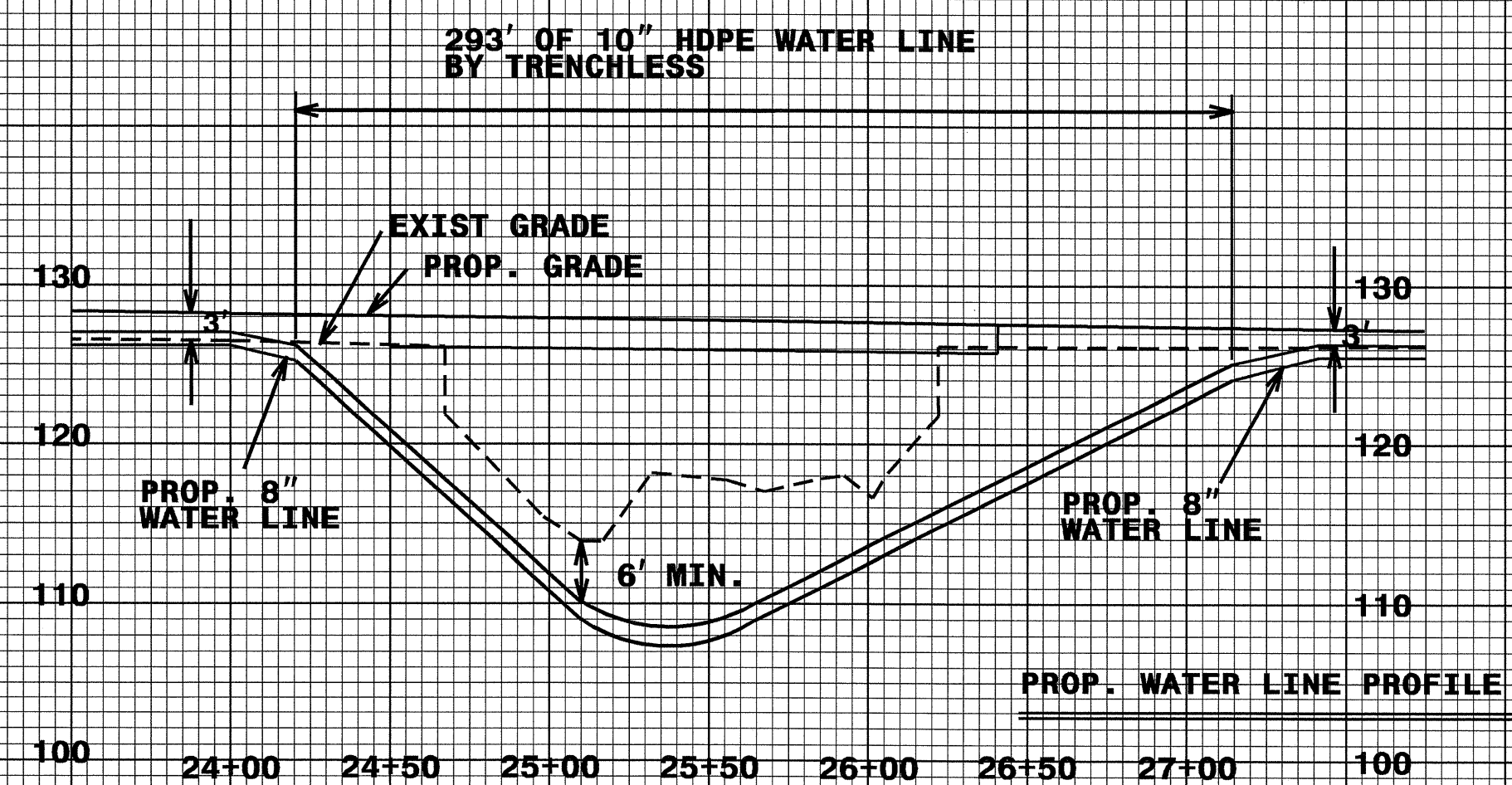
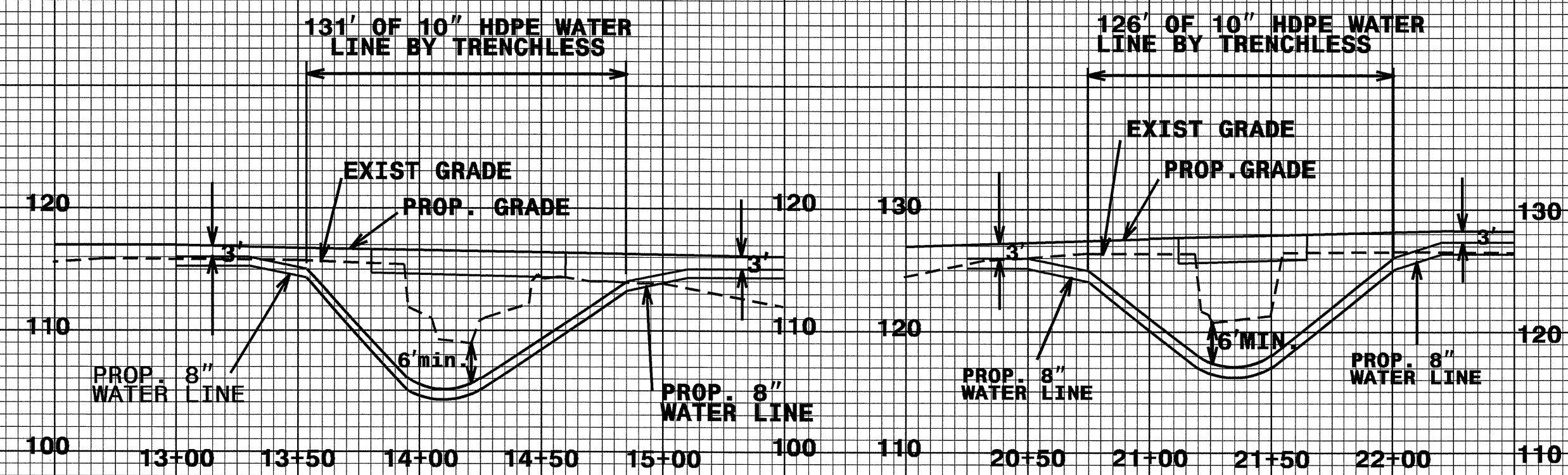
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5/14/99

PROJECT REFERENCE NO.	SHEET NO.
B-3693	UC-4
DESIGNED BY: JTY	
DRAWN BY: JTY	
CHECKED BY: RBW	
APPROVED BY: RBW	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC.	UTILITY CONSTRUCTION PLANS ONLY
PHONE: (919) 250-4128	
FAX: (919) 250-4119	

UTILITY CONSTRUCTION



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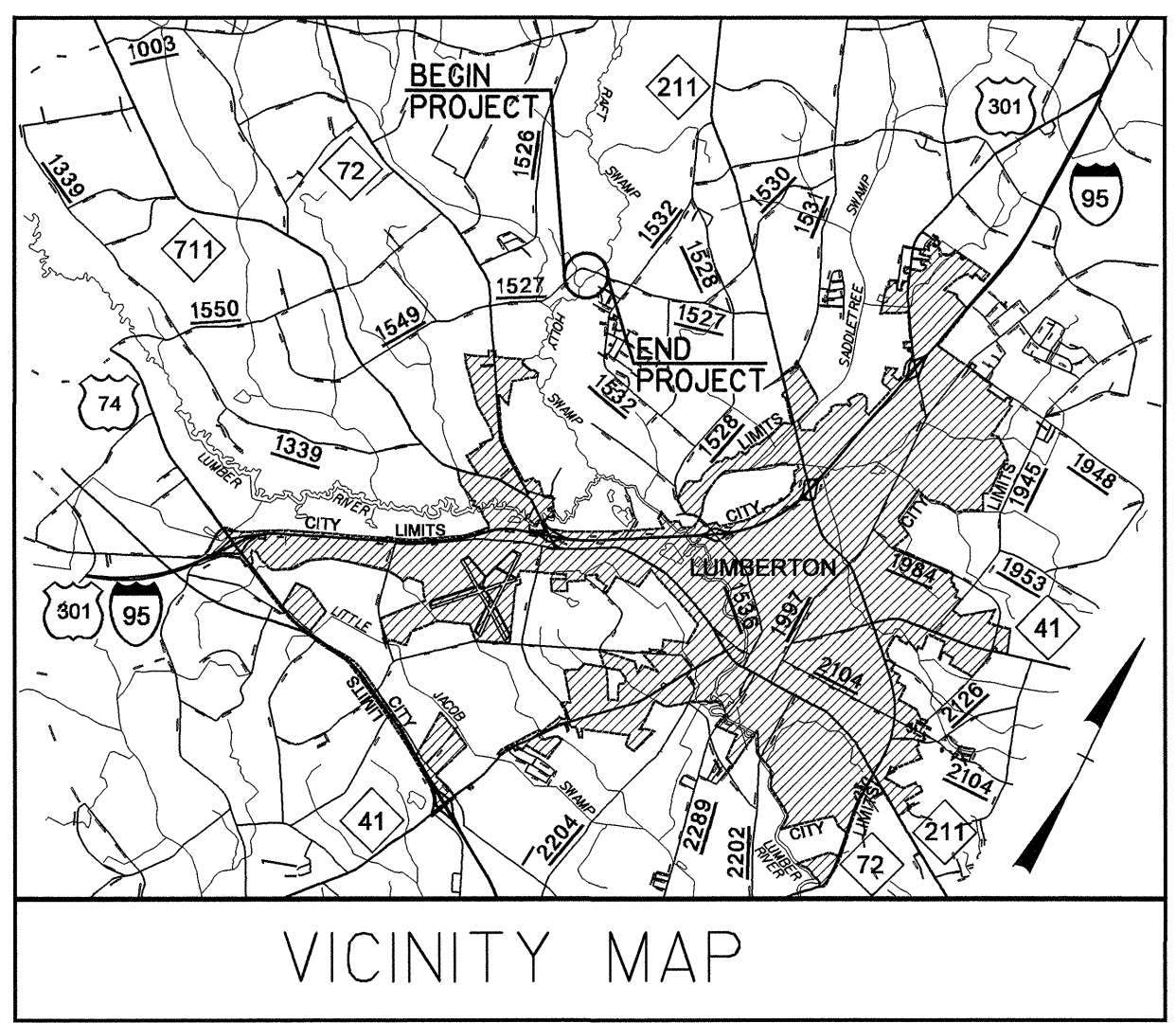
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

**UTILITY BY OTHERS PLANS
ROBESON COUNTY**

**LOCATION: NOS. 210 AND 211 OVER RAFT SWAMP ON SR 1527
BRIDGE NO. 207 OVER HOLLY SWAMP AND BRIDGE**

TYPE OF WORK: UTILITY BY OTHERS

W 1114 B CELL



TIP PROJECT: B-3693

**BEGIN TIP PROJECT B-3693
BEGIN DETOUR CONSTRUCTION**
-L- POT STA. 10+00.00 =
-DET- POT STA. 10+00.00

BEGIN BRIDGE
-L- STA 13+80.00

BEGIN BRIDGE
-L- STA 21+12.00

BEGIN BRIDGE
-L- STA 24+50.00

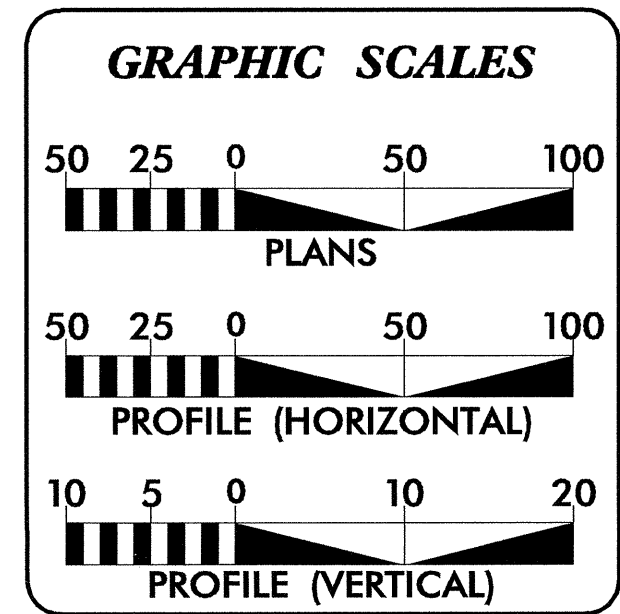
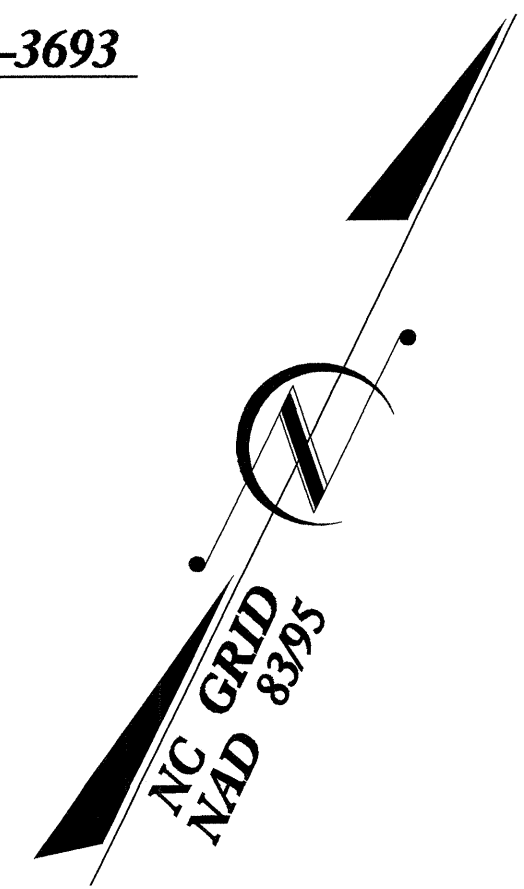
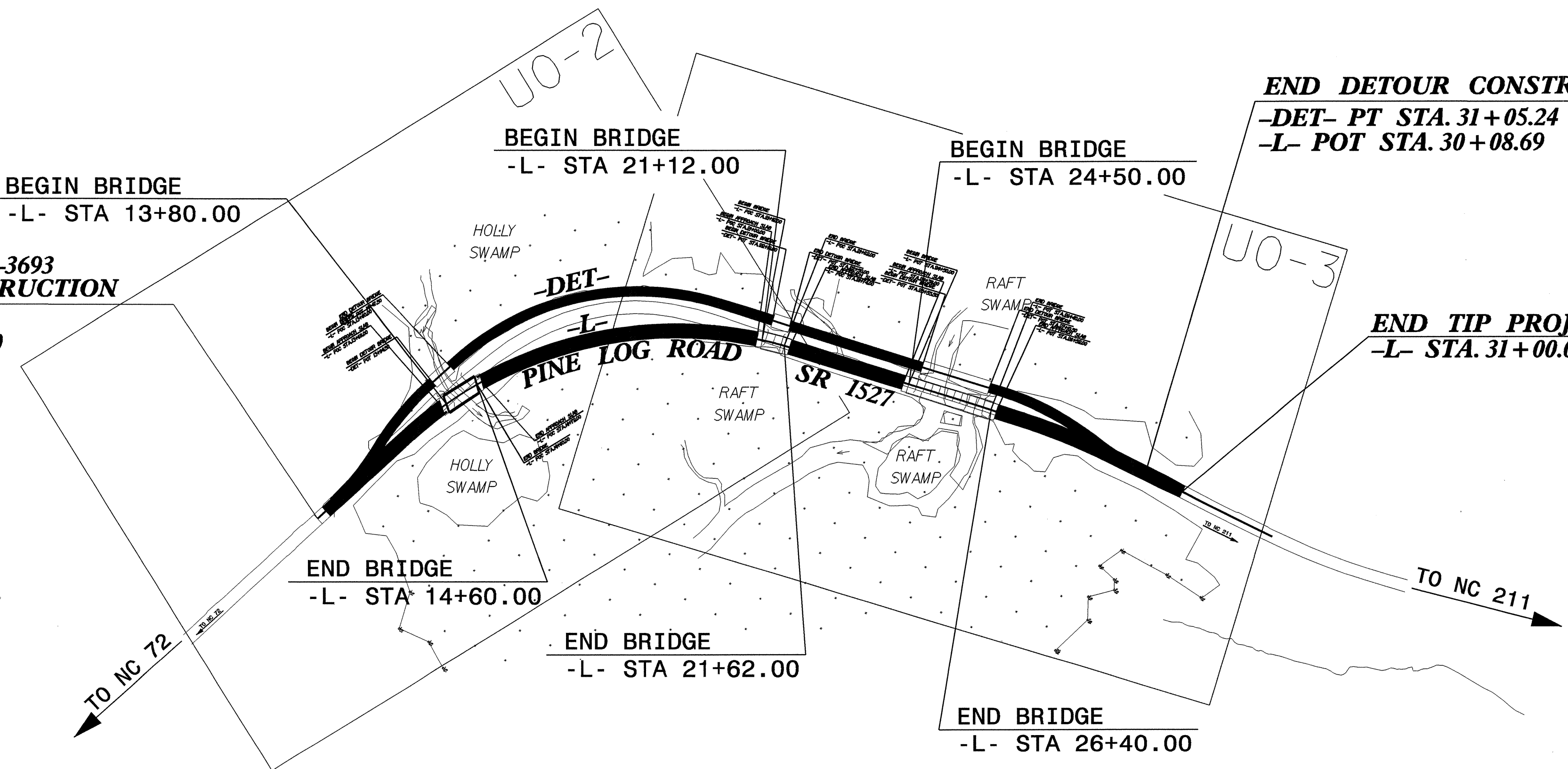
END DETOUR CONSTRUCTION
-DET- PT STA. 31+05.24 =
-L- POT STA. 30+08.69

END TIP PROJECT B-3693
-L- STA. 31+00.00

END BRIDGE
-L- STA 14+60.00

END BRIDGE
-L- STA 21+62.00


END BRIDGE
-L- STA 26+40.00



INDEX OF SHEETS

SHEET NO.	DESCRIPTION
UO-1	TITLE SHEET
UO-2 THRU UO-3	UTILITY BY OTHERS PLAN SHEETS

- UTILITY OWNERS ON PROJECT**
- (1) POWER : LUMBEE RIVER EMC
 - (2) GAS : PIEDMONT NATURAL GAS COMPANY
 - (3) TELEPHONE : AT & T
 - (4) CABLE TV : TIME WARNER CABLE



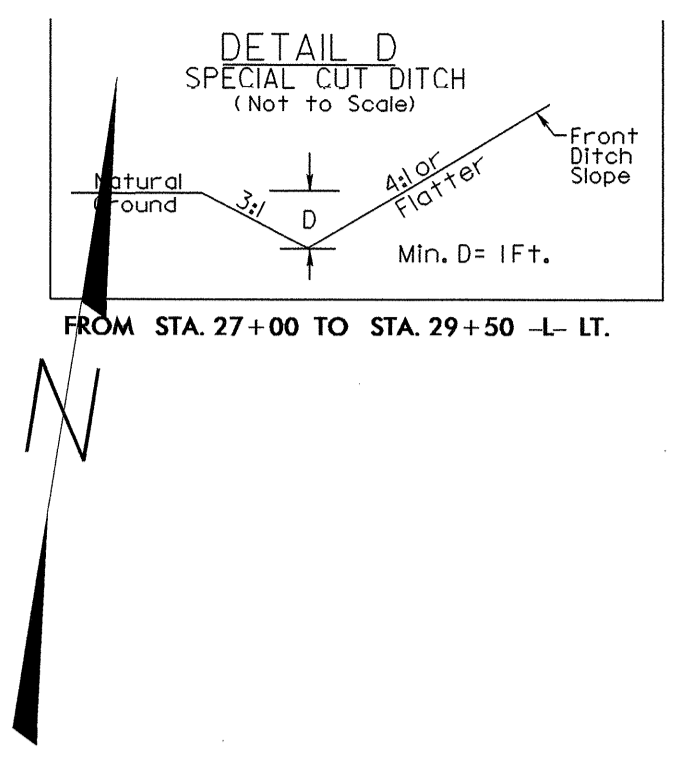
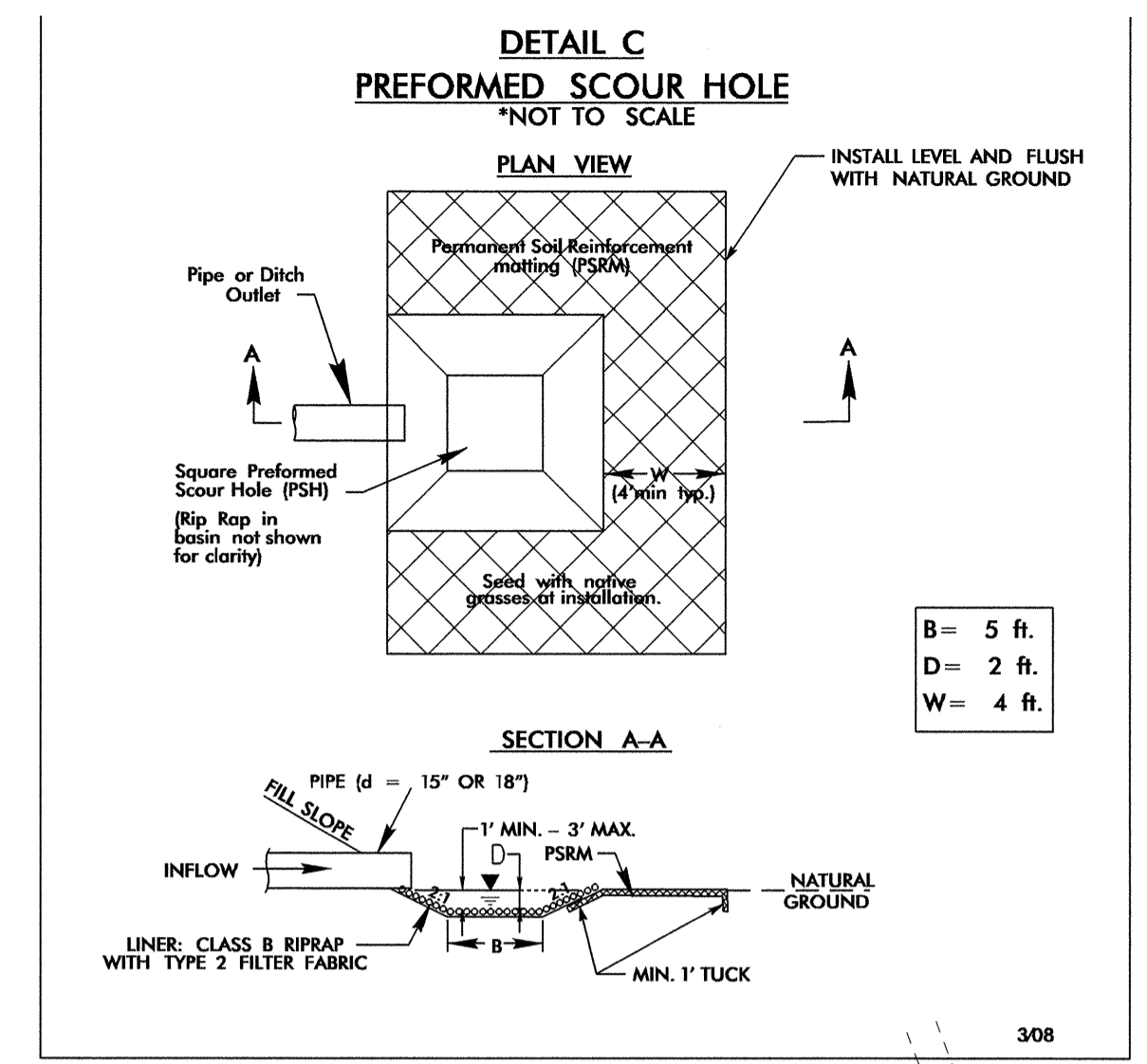
PREPARED IN THE OFFICE OF:
**DIVISION OF HIGHWAYS
PROJECT SERVICES
UTILITY SECTION**

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

<u>Roger Worthington, P.E.</u>	UTILITIES SECTION ENGINEER
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<u>Jong-Tae Yoon</u>	UTILITIES PROJECT DESIGNER

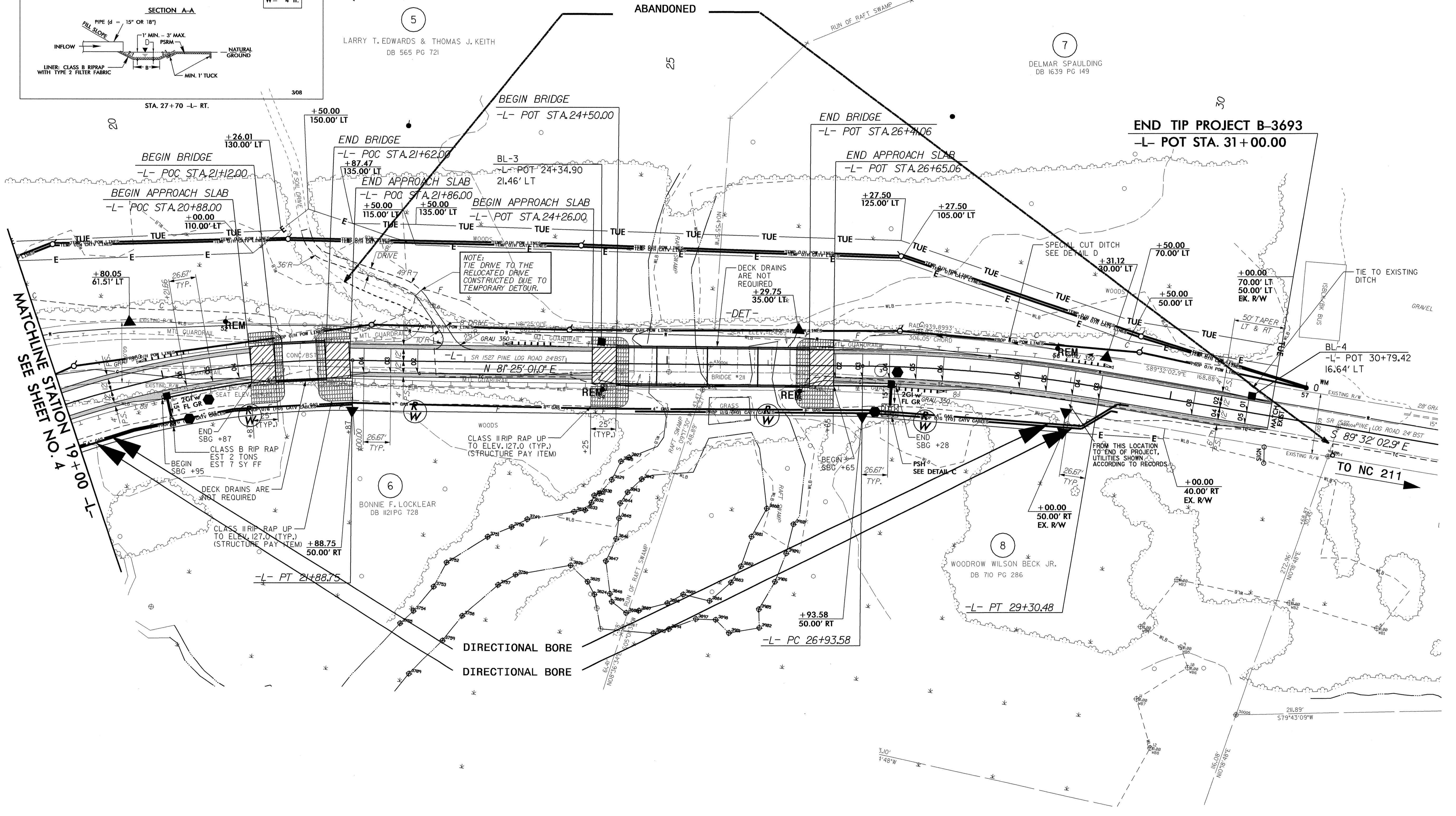
UTILITIES BY OTHERS

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



-L-	
PI Sta 17+78.38	PI Sta 28+12.28
$\Delta = 59^{\circ} 51' 12.7''$ (RT)	$\Delta = 9^{\circ} 02' 56.1''$ (RT)
$D = 6^{\circ} 32' 53.1''$	$D = 3^{\circ} 49' 11.0''$
$L = 914.06'$	$L = 236.90'$
$T = 503.69'$	$T = 118.70'$
$R = 875.00'$	$R = 1,500.00'$
$e = .06$	$e = .06$
$RUNOFF = 160'$	$RUNOFF = 160'$

* DESIGN EXCEPTION REQUIRED



5
LARRY T. EDWARDS & THOMAS J. KEITH
DB 565 PG 721

7
DELMAR SPAULDING
DB 1639 PG 149

6
BONNIE F. LOCKLEAR
DB 1121 PG 728

8
WOODROW WILSON BECK JR.
DB 710 PG 286

MATCHLINE SEE SHEET NO. 4
STATION 19+00