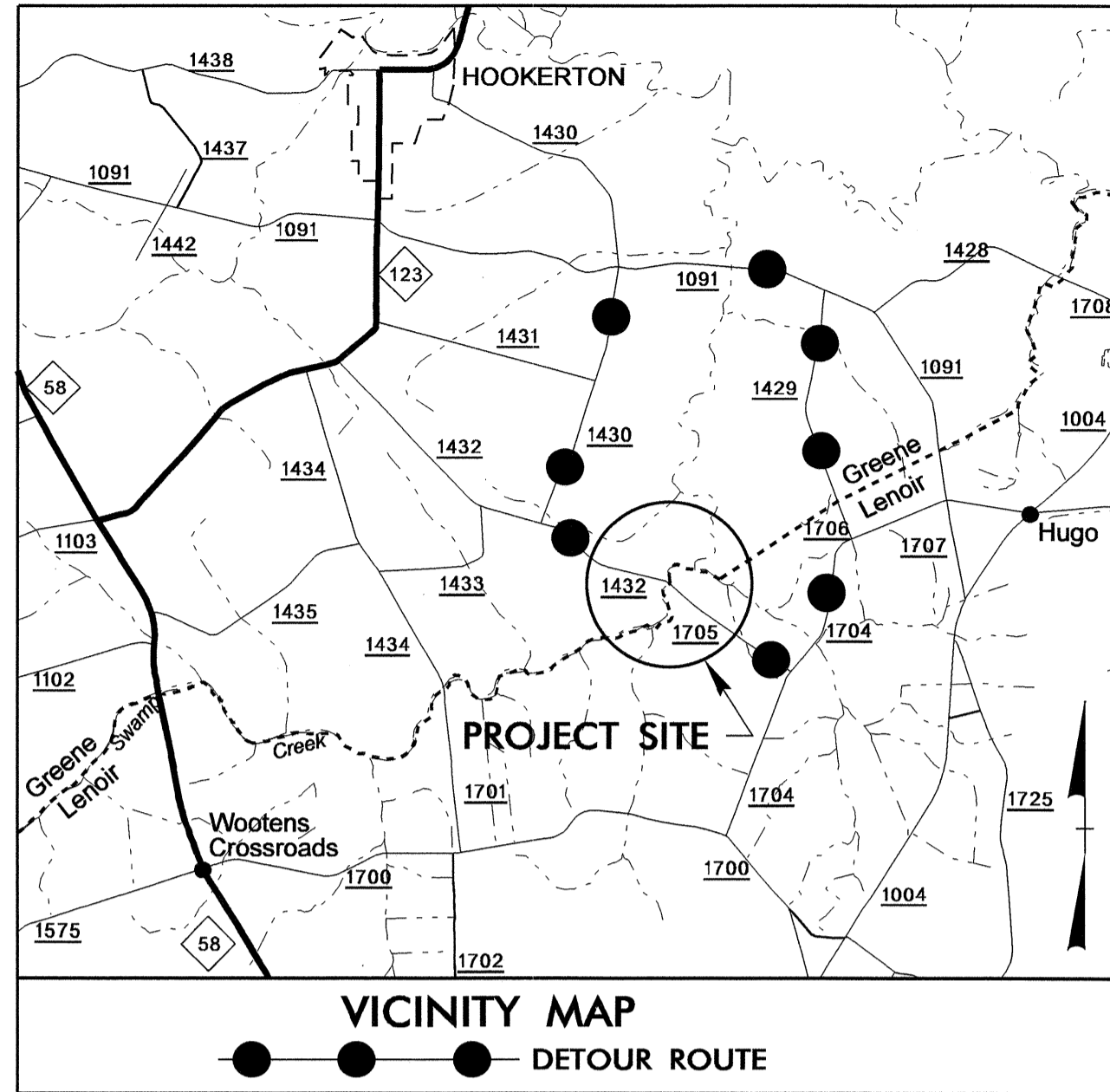


09/08/99

See Sheet 1-A For Index of Sheets

T.I.P. NO.	SHEET NO.
B-4533	UC-1

TIP PROJECT: B-4533

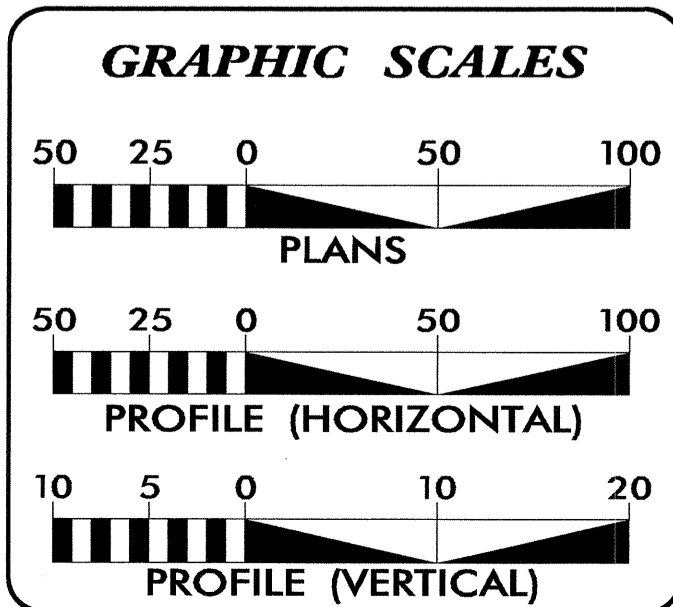
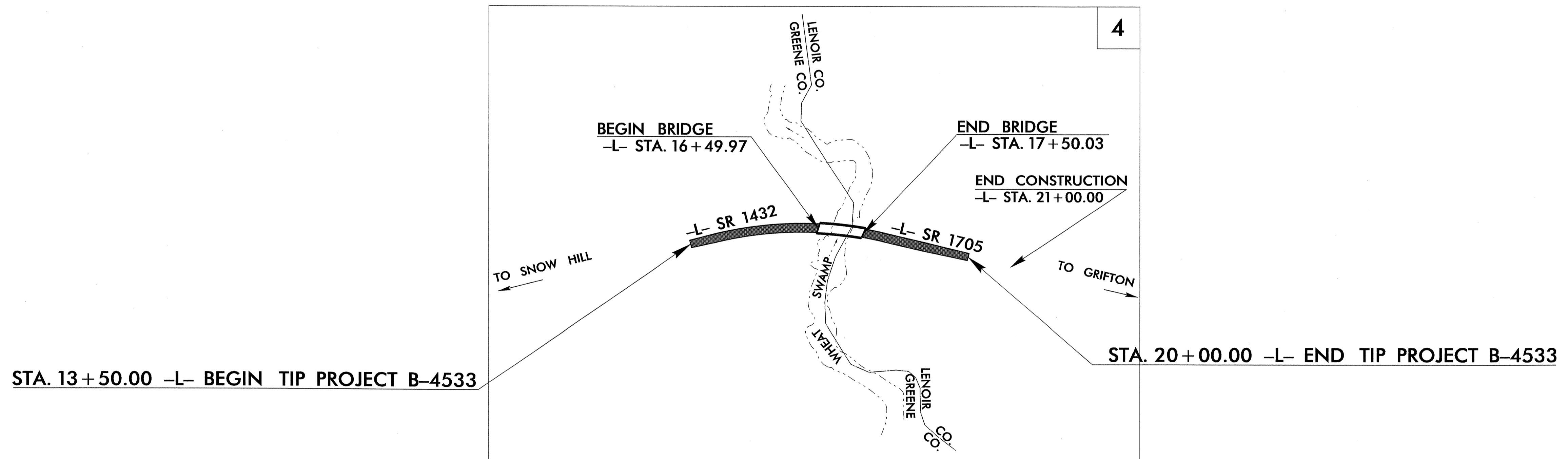
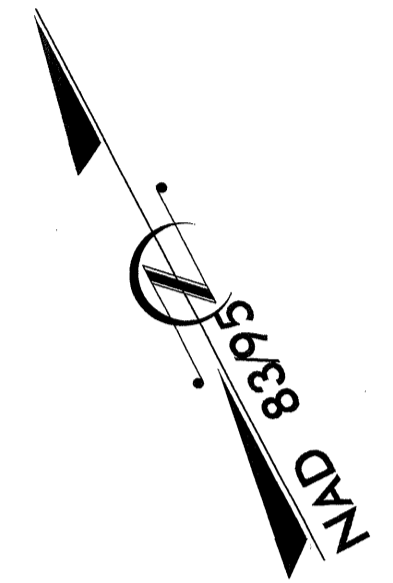


STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**UTILITY CONSTRUCTION PLANS  
GREENE AND LENOIR COUNTY**

**LOCATION: BRIDGE 48 OVER WHEAT SWAMP CREEK ON SR 1432**

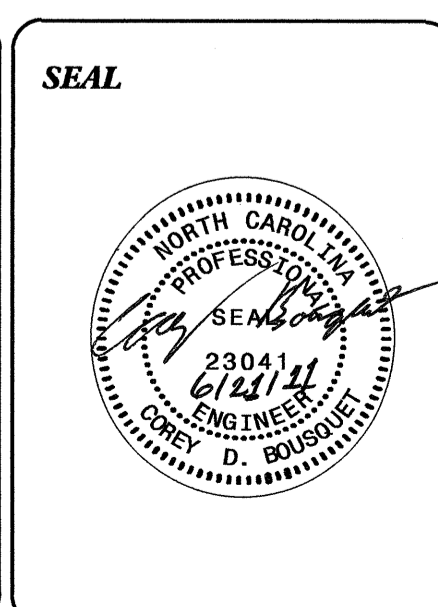
**TYPE OF WORK: RELOCATION OF 2" WATER LINE**



SHEET NO.	DESCRIPTION
UC-1	TITLE SHEET
UC-2	UTILITY CONSTRUCTION PLAN SHEETS
UC-3	DETAILS SHEETS

**WATER AND SEWER OWNERS ON PROJECT**

(1) GREENE COUNTY PUBLIC WORKS



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

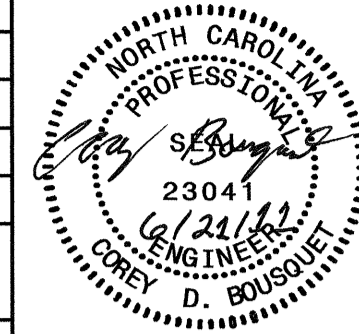
1591 MAIL SERVICES CENTER  
RALEIGH, NC 27699-1591  
PHONE (919) 250-4128  
FAX (919) 250-4119

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

21-JUN-2011 08:55  
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\$\$\$\$\$USERNAME\$\$\$\$\$

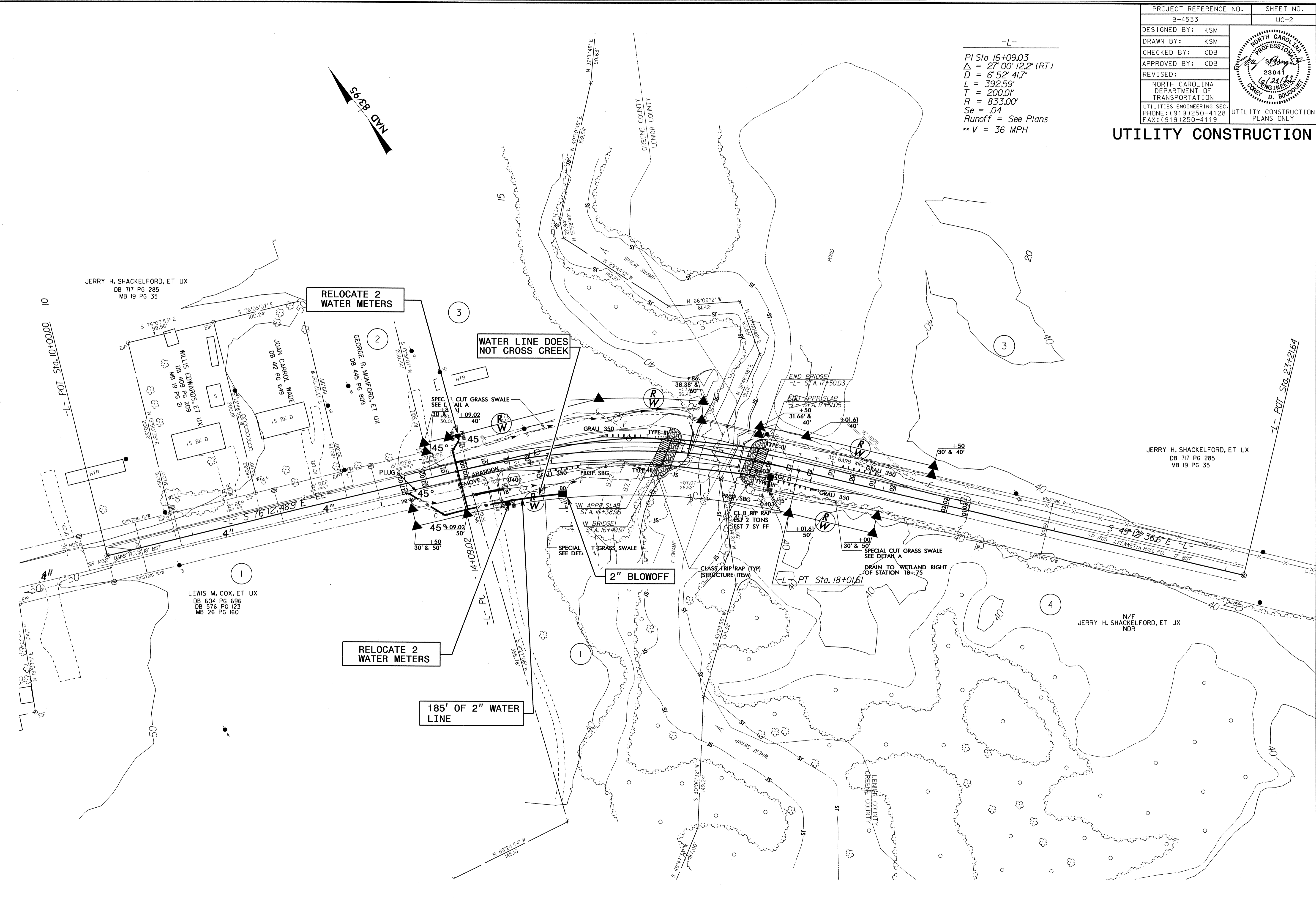
5/14/99

21-JUN-2010 08:51  
11+19.97  
33367  
LENNOR COUNTY  
NDR

PROJECT REFERENCE NO. B-4533	SHEET NO. UC-2
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	

-L-

PI Sta 16+09.03  
 $\Delta = 27^{\circ} 00' 12.2" (RT)$   
 $D = 6' 52" 41.7"$   
 $L = 392.59'$   
 $T = 200.01'$   
 $R = 833.00'$   
 $Se = .04$   
 Runoff = See Plans  
 \*\* V = 36 MPH



JERRY H. SHACKELFORD, ET UX  
 DB 717 PG 285  
 MB 19 PG 35

JERRY H. SHACKELFORD, ET UX  
 DB 717 PG 285  
 MB 19 PG 35

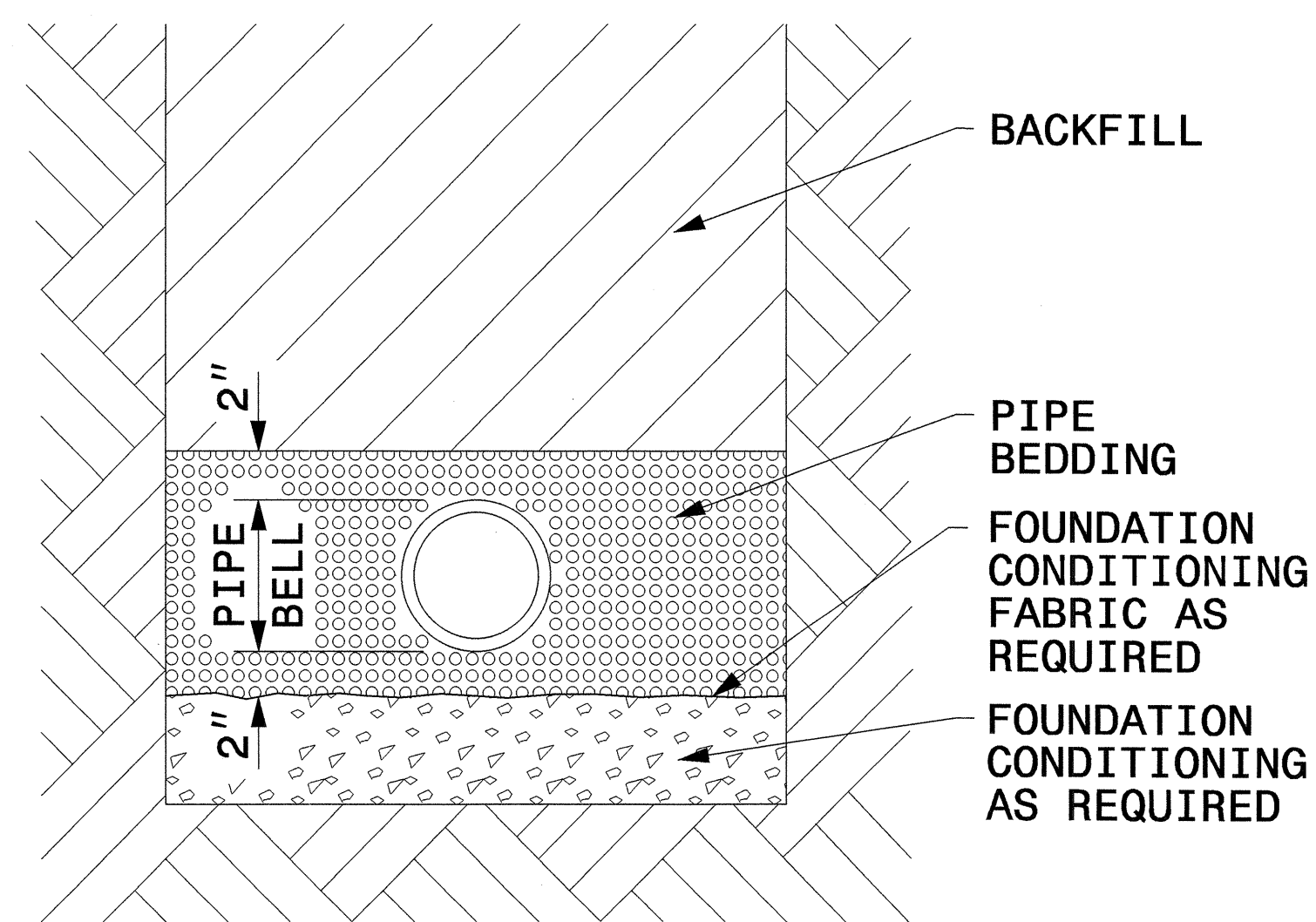
LEWIS M. COX, ET UX  
 DB 604 PG 696  
 DB 576 PG 123  
 MB 26 PG 160

N/F  
 JERRY H. SHACKELFORD, ET UX  
 NDR

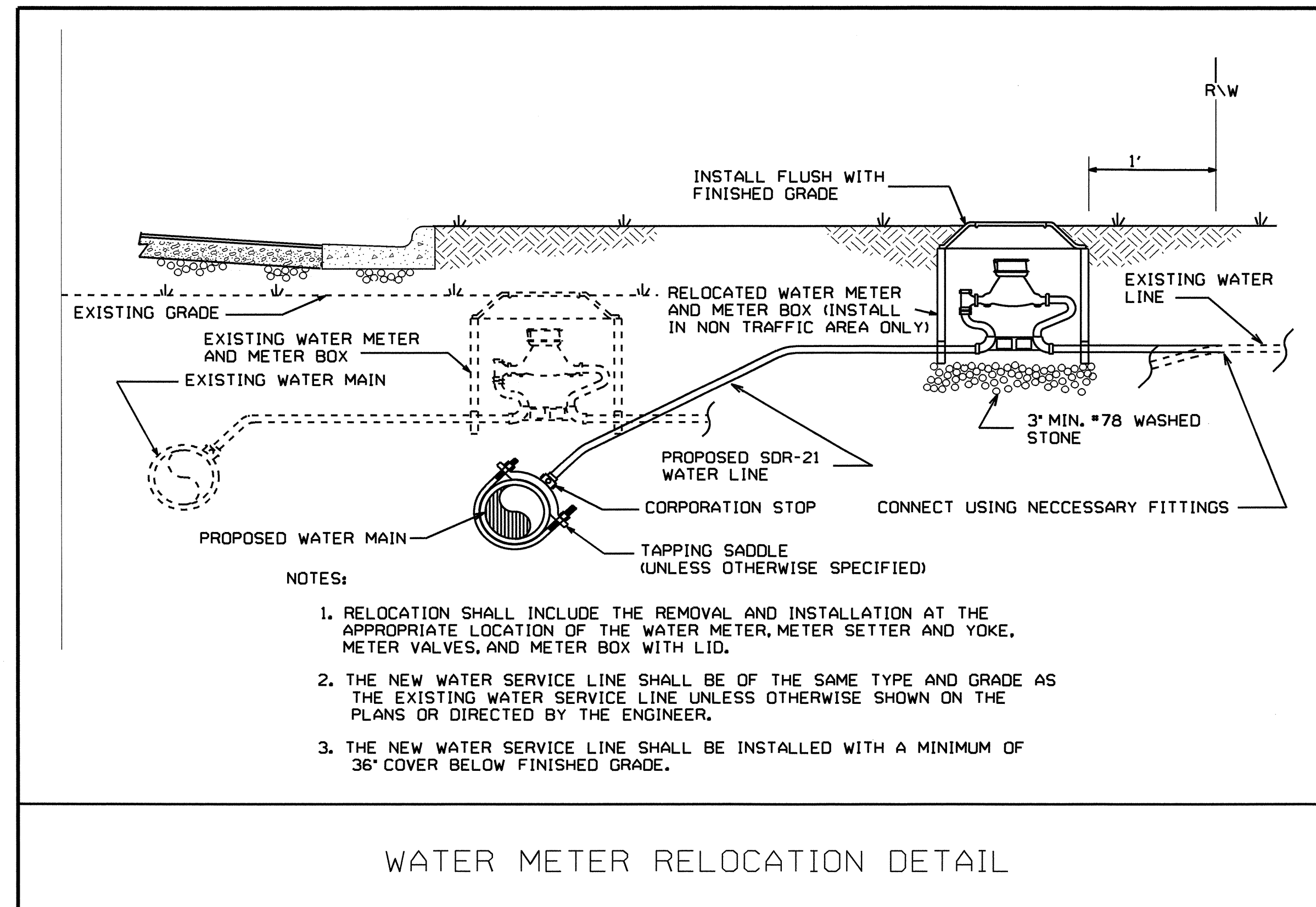
PROJECT REFERENCE NO.	SHEET NO.
B-4533	UC-3
DESIGNED BY: KSM	
DRAWN BY: KSM	
CHECKED BY: CDB	
APPROVED BY: CDB	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION PLANS ONLY	

## UTILITY CONSTRUCTION

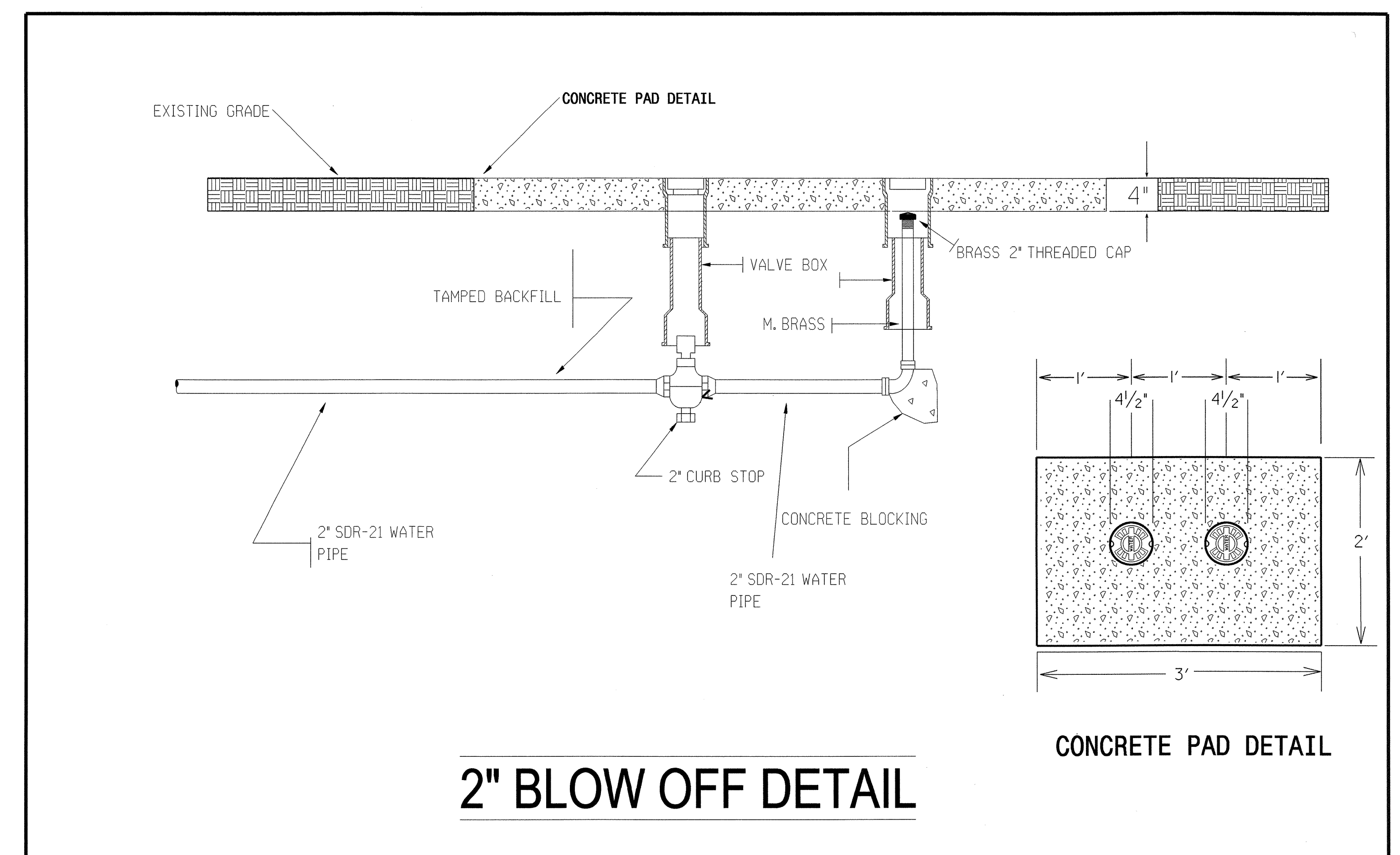
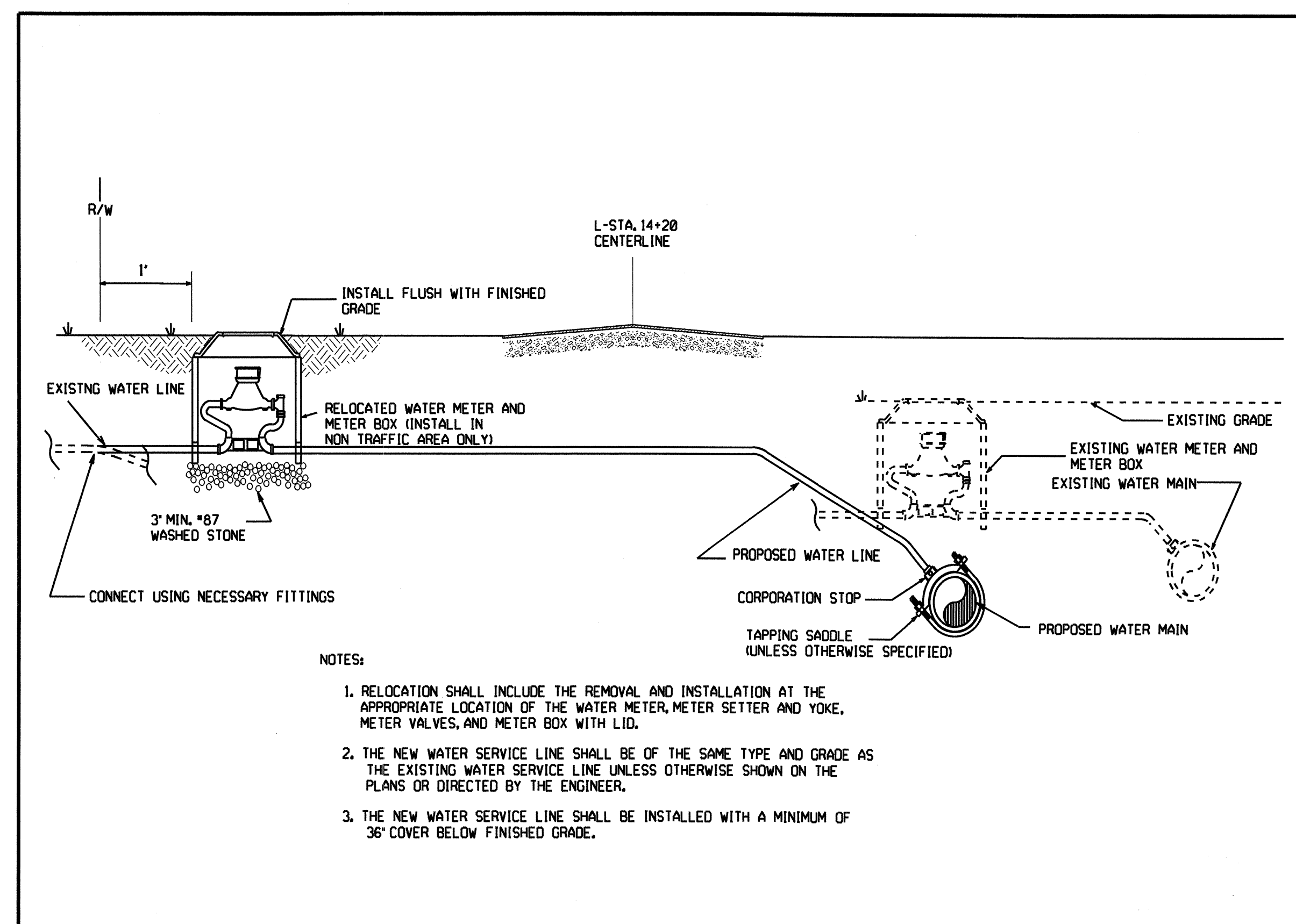
### TRENCH DETAIL



PLACE FOUNDATION CONDITIONING MATERIAL BELOW BEDDING IF REQUIRED, AS DIRECTED BY ENGINEER. PIPE BEDDED IN SELECT MATERIAL, CLASS II (TYPE 1) OR CLASS III. TRENCH BACKFILLED IN LOOSE 6" LAYERS COMPACTED TO TOP OF TRENCH USING LOCAL EXCAVATED MATERIAL IF APPROVED BY THE ENGINEER, OR SELECT MATERIAL. ALL MATERIAL SHALL BE FREE OF ROCKS, FOREIGN MATERIAL, AND FROZEN EARTH. COMPACTION SHALL BE TO APPROXIMATELY 95% DENSITY IN ACCORDANCE WITH AASHTO T-99 AS MODIFIED BY THE DEPARTMENT OF TRANSPORTATION.



WATER METER RELOCATION DETAIL



2" BLOW OFF DETAIL

CONCRETE PAD DETAIL

5/14/99

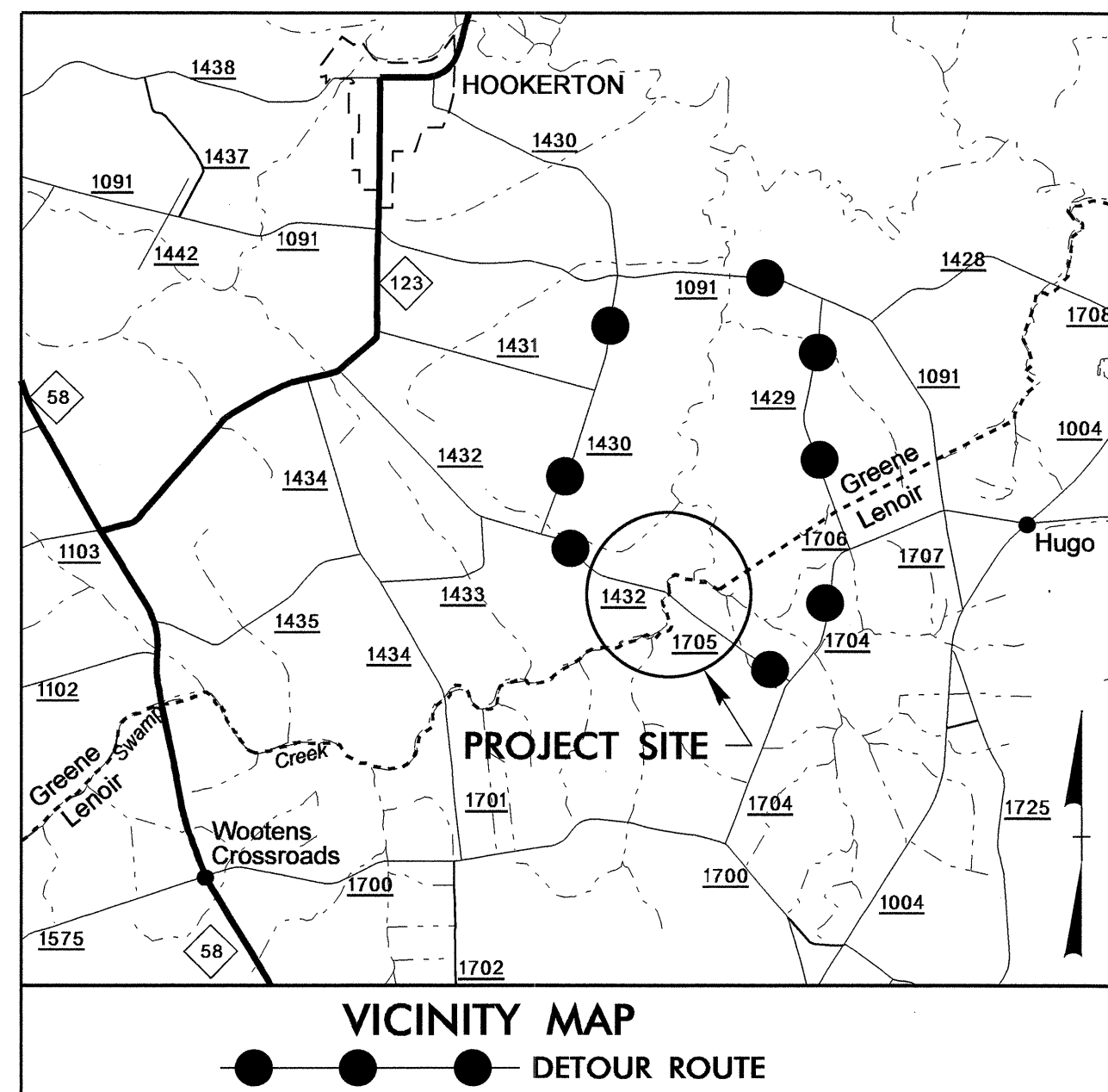
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09/08/99

See Sheet 1-A For Index of Sheets

T.I.P. NO.	SHEET NO.
B-4533	UO-1

TIP PROJECT: B-4533

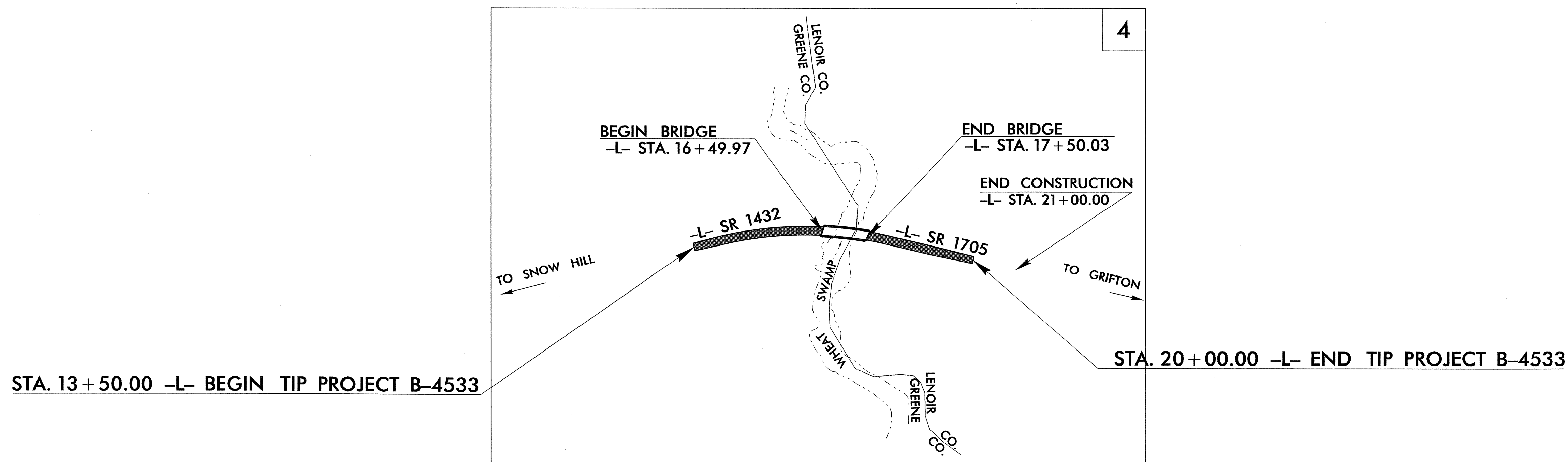
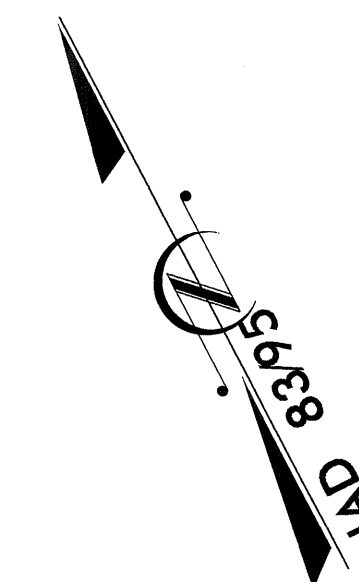


STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

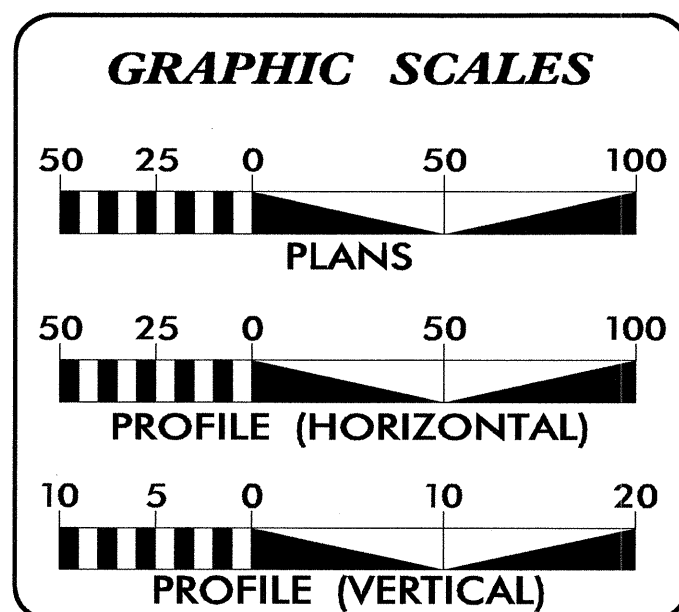
**UTILITIES BY OTHERS PLANS  
GREENE AND LENOIR COUNTY**

LOCATION: BRIDGE 48 OVER WHEAT SWAMP CREEK ON SR 1432

TYPE OF WORK: REMOVAL OF POWER LINE DURING CONSTRUCTION.  
REINSTALL POWER AFTER CONSTRUCTION




21-JUN-2011 08:58  
R:\Utilities\VRdy\_Ut\Proj\NB-4533\_Ut\_U01sh.dgn  
\$\$\$\$\$USERNAME\$\$\$\$\$



INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
UO-1	TITLE SHEET
UO-2	UTILITIES BY OTHERS PLAN SHEETS

UTILITY OWNERS ON PROJECT
(1) PITT AND GREENE EMC
(2) PIEDMONT NATURAL GAS



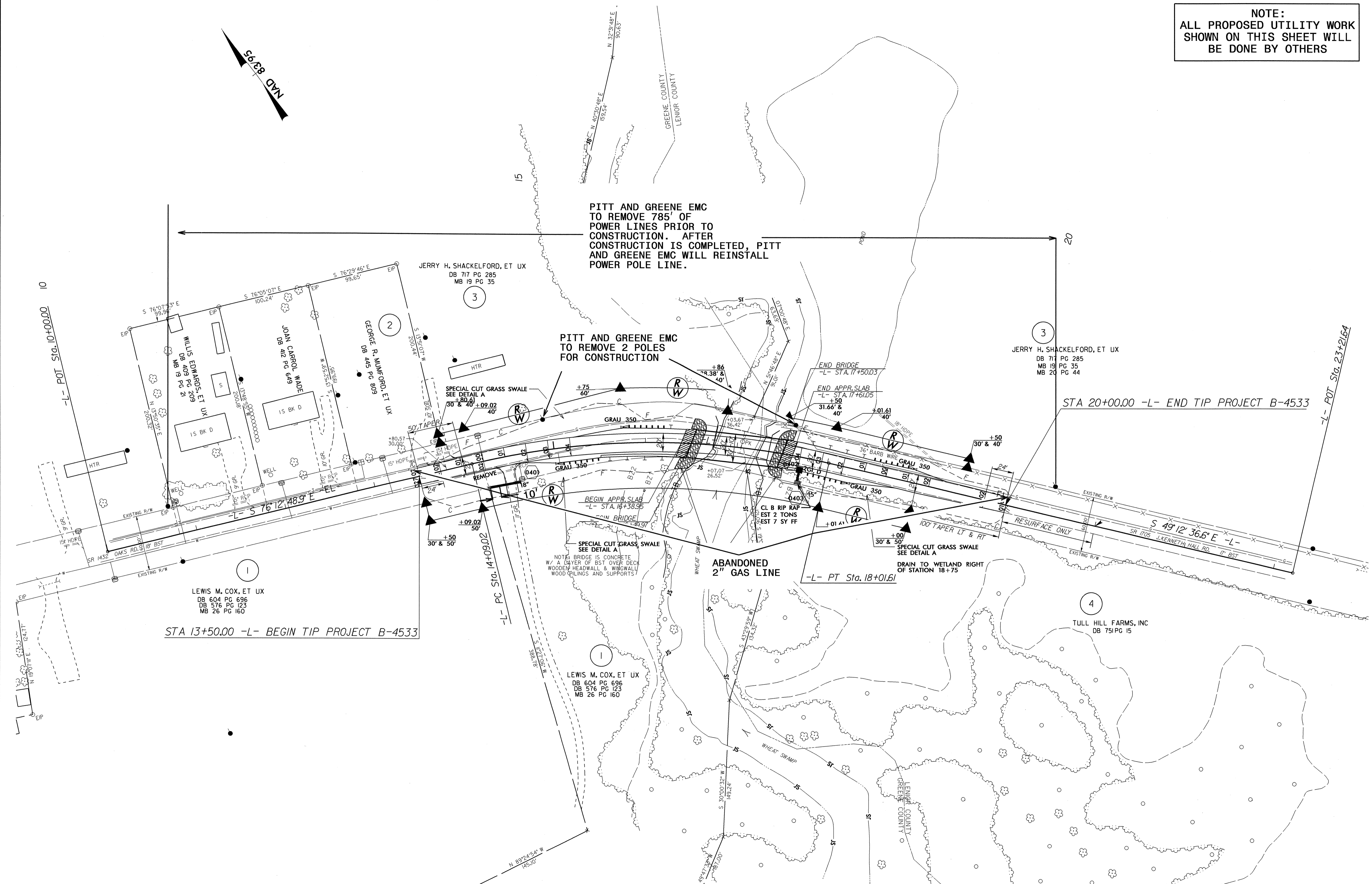
PREPARED IN THE OFFICE OF:  
**DIVISION OF HIGHWAYS  
UTILITIES ENGINEERING  
SECTION**

1591 MAIL SERVICES CENTER  
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PHONE (919) 250-4128  
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<u>Corey Bousquet, P.E.</u>	UTILITIES SQUAD LEADER PROJECT ENGINEER
<u>Kelvin Martin</u>	UTILITIES PROJECT DESIGNER

# UTILITIES BY OTHERS

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



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