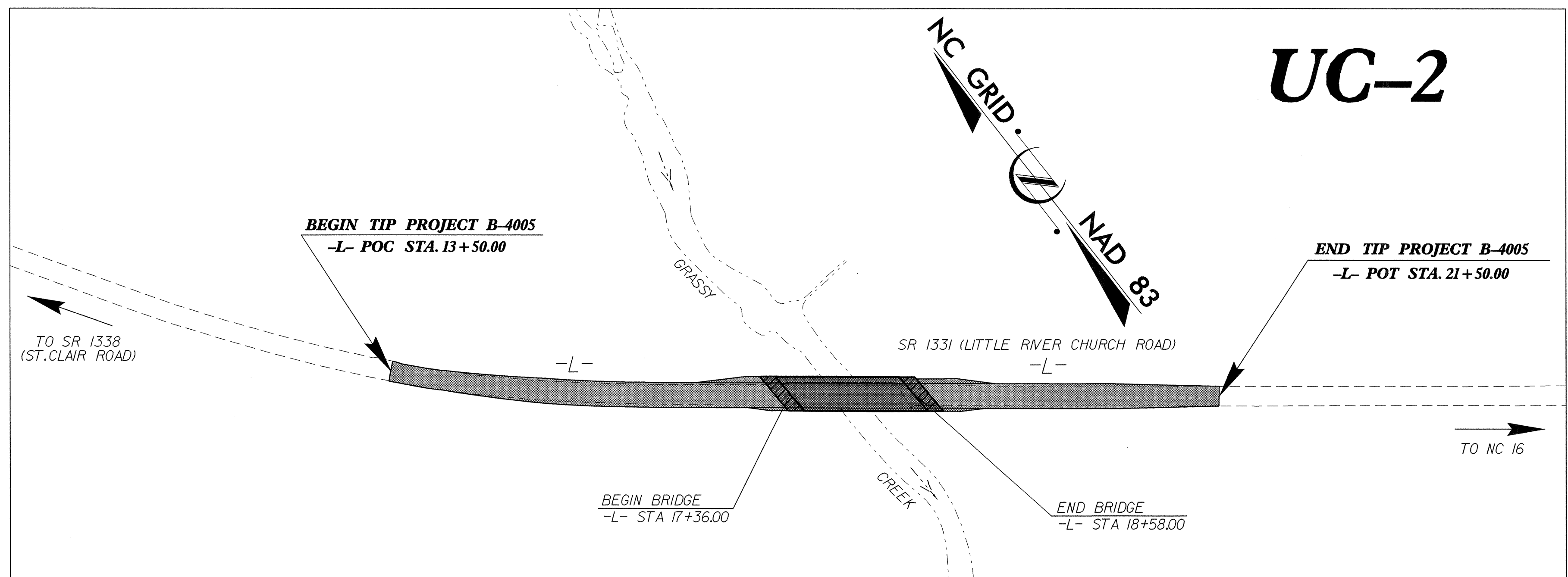
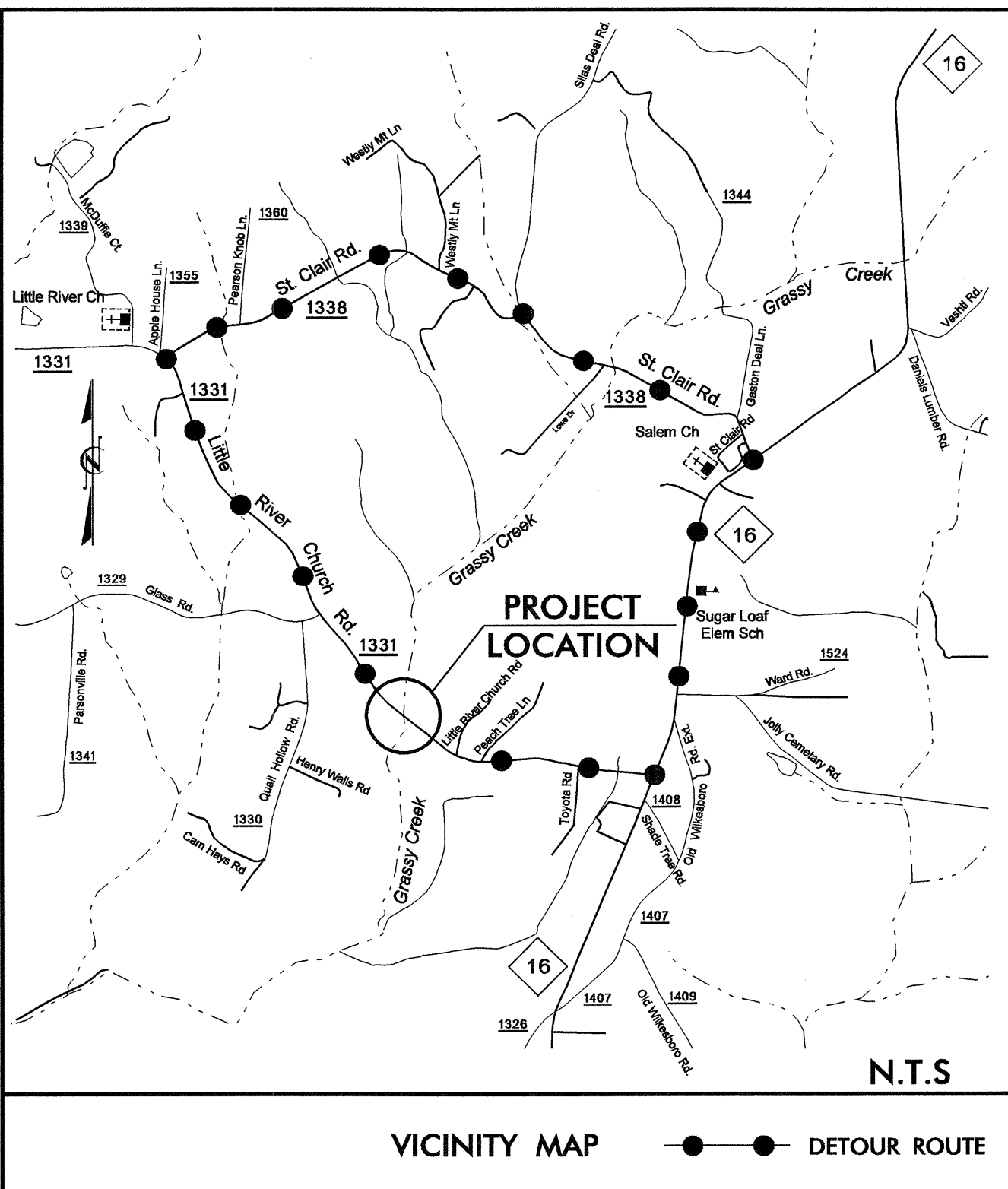


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

**UTILITY CONSTRUCTION PLANS
ALEXANDER COUNTY**

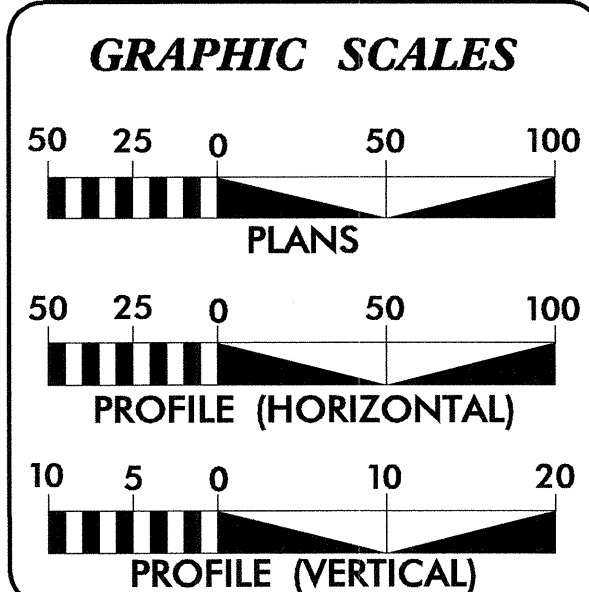
**LOCATION: BRIDGE 70 OVER GRASSY CREEK ON
SR 1331 (LITTLE RIVER CHURCH ROAD)**

TYPE OF WORK: UTILITY CONSTRUCTION



2006 STANDARD SPECIFICATIONS

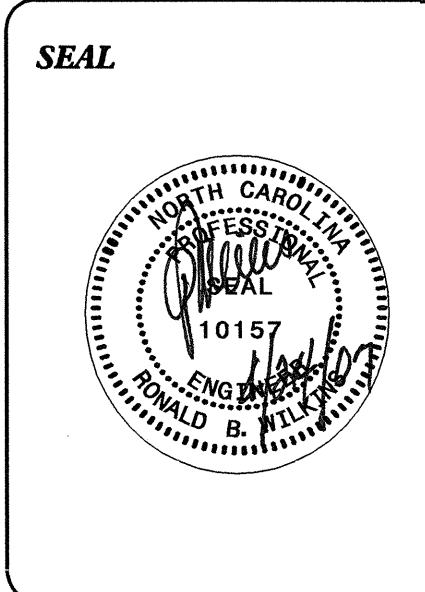
TIP PROJECT: B-4005
CONTRACT: C201682



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

WATER OWNER ON PROJECT

(1) WATER ALEXANDER COUNTY



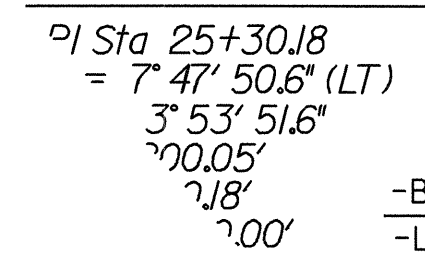
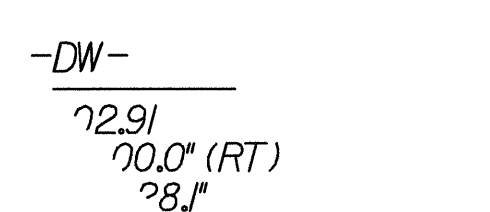
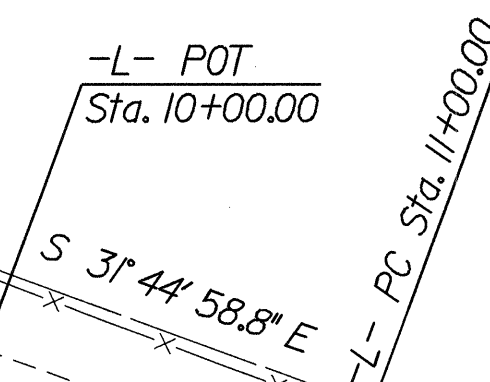
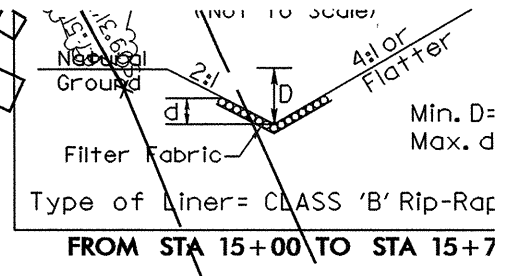
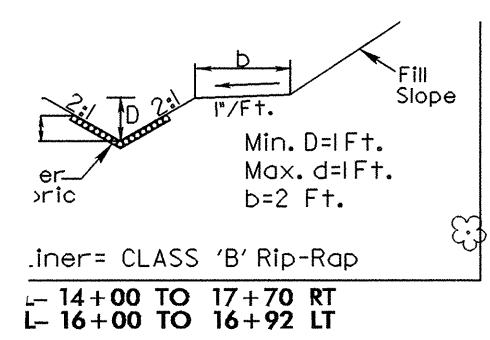
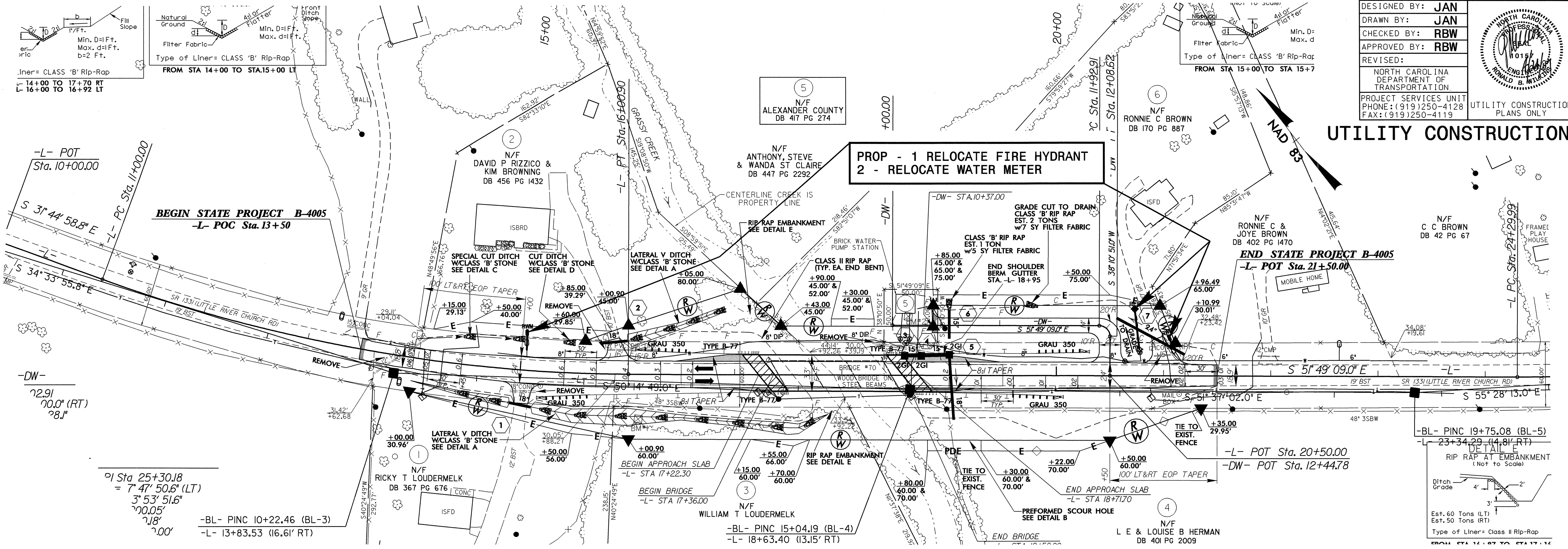
PREPARED IN THE OFFICE OF:
**DIVISION OF HIGHWAYS
PROJECT SERVICES
UTILITY SECTION**

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

Roger Worthington, P.E. UTILITIES SECTION ENGINEER
R. B. Wilkins, P.E. UTILITIES SQUAD LEADER PROJECT ENGINEER
John A. Nigro, P.E. UTILITIES PROJECT DESIGNER

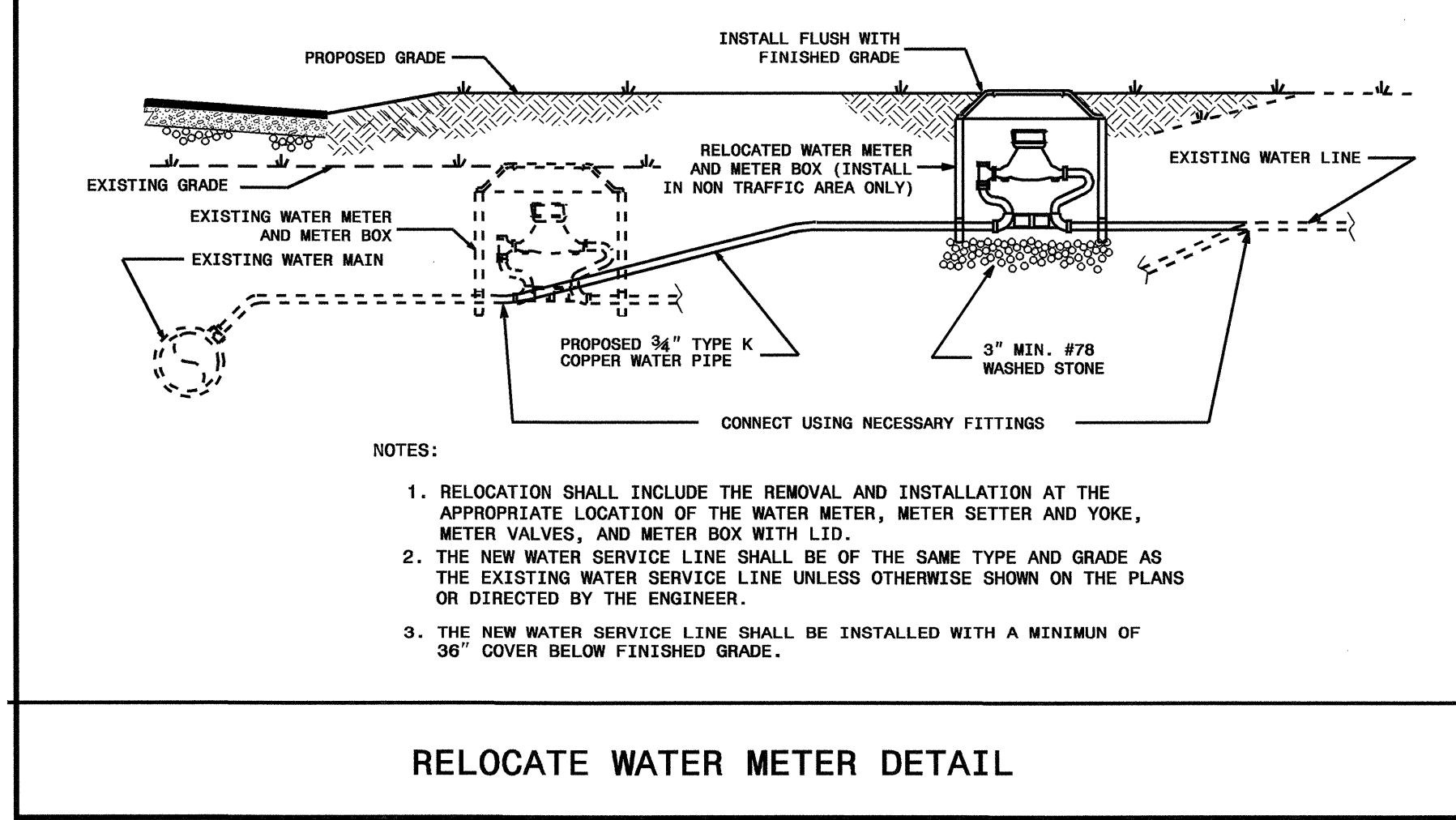
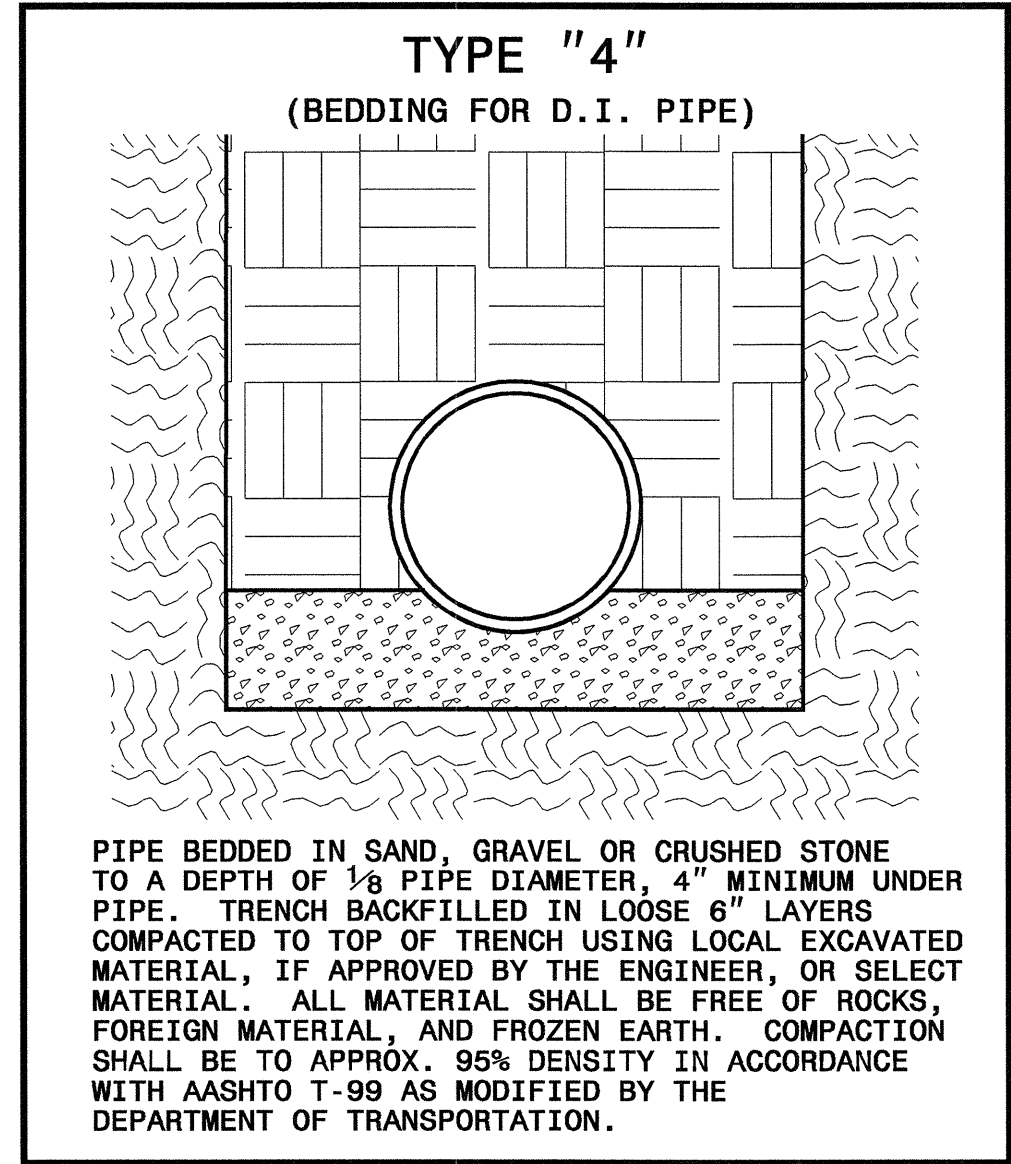
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UTILITY CONSTRUCTION



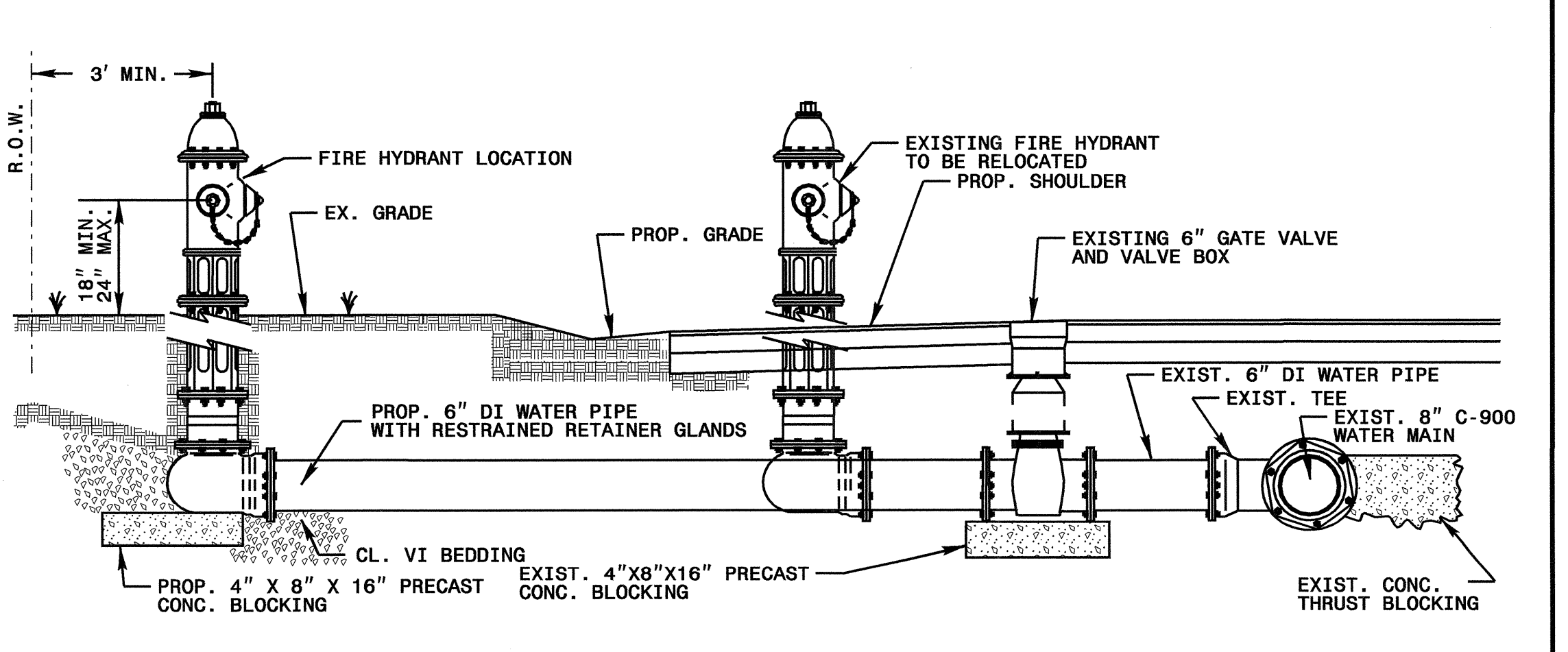
-BL- PINC 10+22.46 (BL-3)
-L- 13+83.53 (16.61' RT)

NOTE:
ALL ITEMS INCIDENTAL TO WATER METER RELOCATION



GENERAL:

1. LOCATE FIRE HYDRANT BEHIND CURB AND GUTTER SECTIONS AND/OR 6 FEET BACK OF DITCH. WHERE THERE IS NO DITCH, THE HYDRANT SHALL BE PLACED AS FAR AS POSSIBLE FROM PAVEMENT EDGE WITHIN RIGHT OF WAY OUTER LIMITS. PUMPER NOZZLE SHALL BE PERPENDICULAR TO ROADWAY.
2. ALL CONCRETE SHALL BE CLASS "B".
3. BOLTS, NUTS, AND DRAIN PORTS TO BE FREE OF CONCRETE.
4. HYDRANT BRANCH SHALL HAVE SAME COVER AS THE MAIN (36" MIN. BRANCH).
5. ALL PIPE JOINTS BETWEEN THE VALVE AND THE HYDRANT SHALL HAVE RESTRAINED RETAINER GLANDS.



NOTE: ALL ITEMS INCIDENTAL TO FIRE HYDRANT RELOCATION

RELOCATE FIRE HYDRANT DETAIL

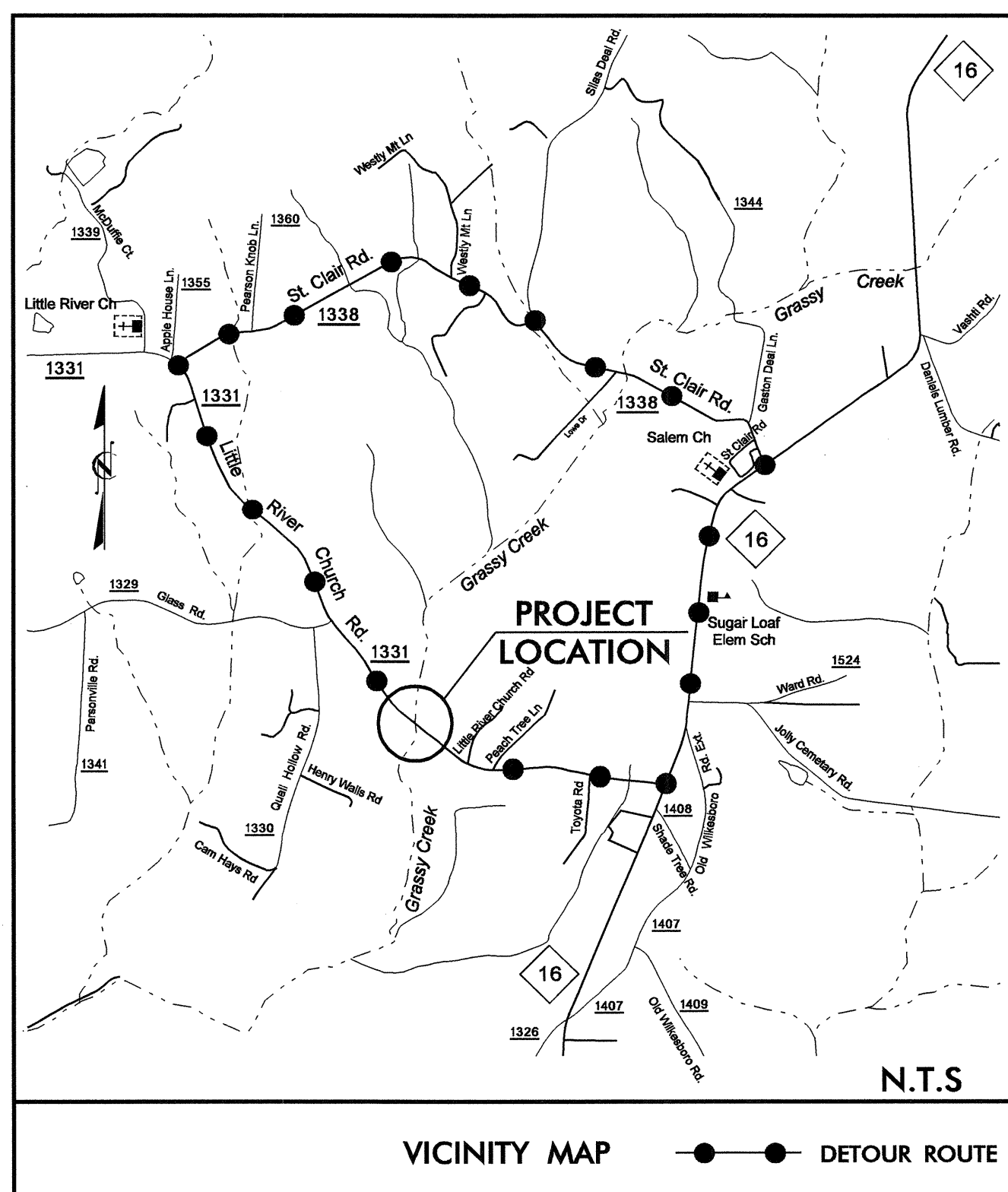
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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

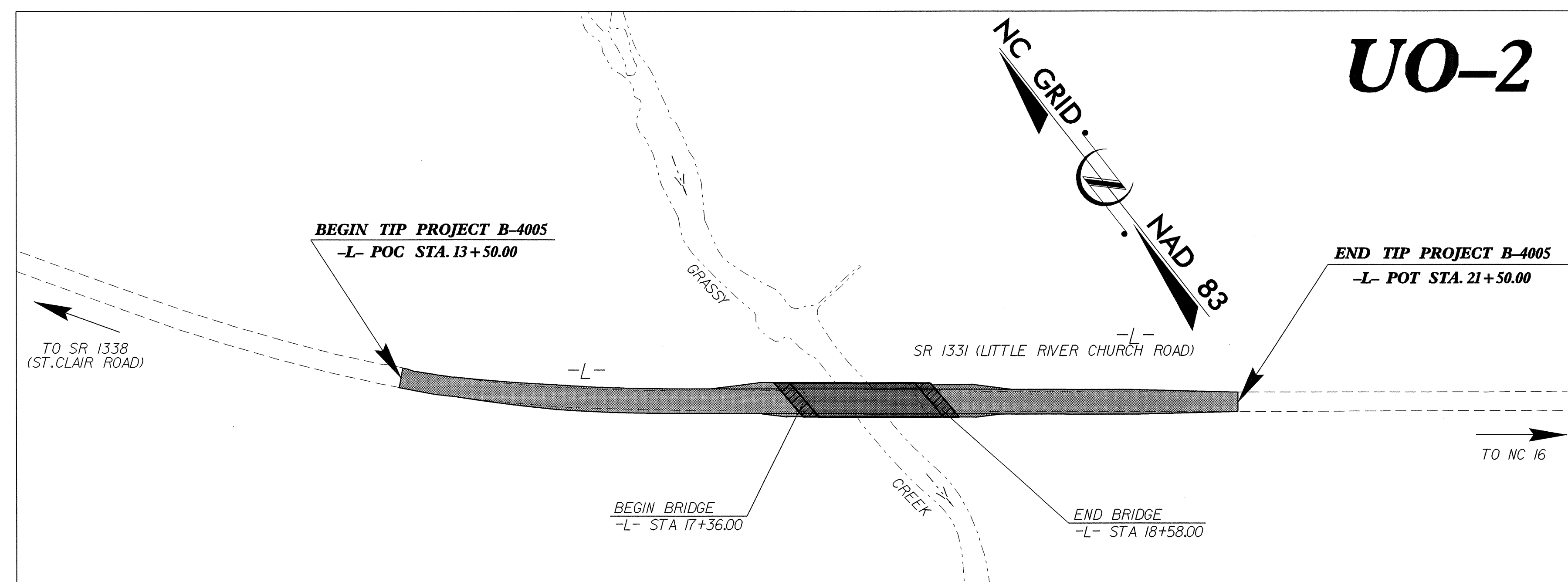
**UTILITY BY OTHERS PLANS
ALEXANDER COUNTY**

**LOCATION: BRIDGE 70 OVER GRASSY CREEK ON
SR 1331 (LITTLE RIVER CHURCH ROAD)**

TYPE OF WORK: UTILITY BY OTHERS WORK



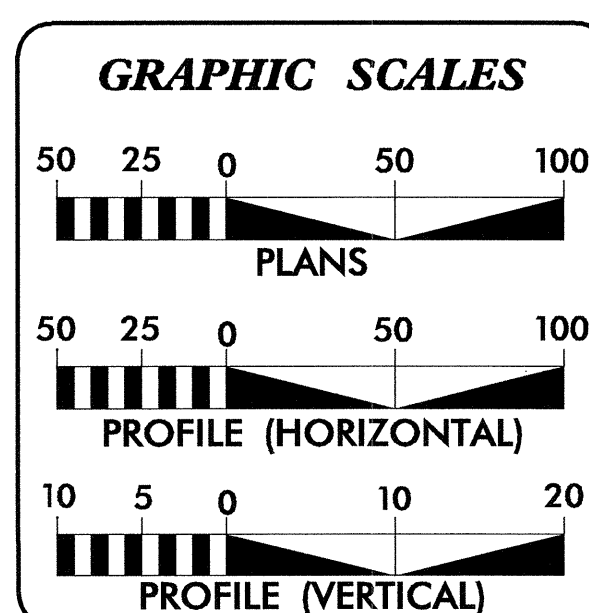
VICINITY MAP ●—● DETOUR ROUTE



UO-2


TIP PROJECT: B-4005

CONTRACT: C201682



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

UTILITY OWNERS ON PROJECT
(1) DUKE POWER - DISTRIBUTION
(2) TELEPHONE - AT & T NC



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

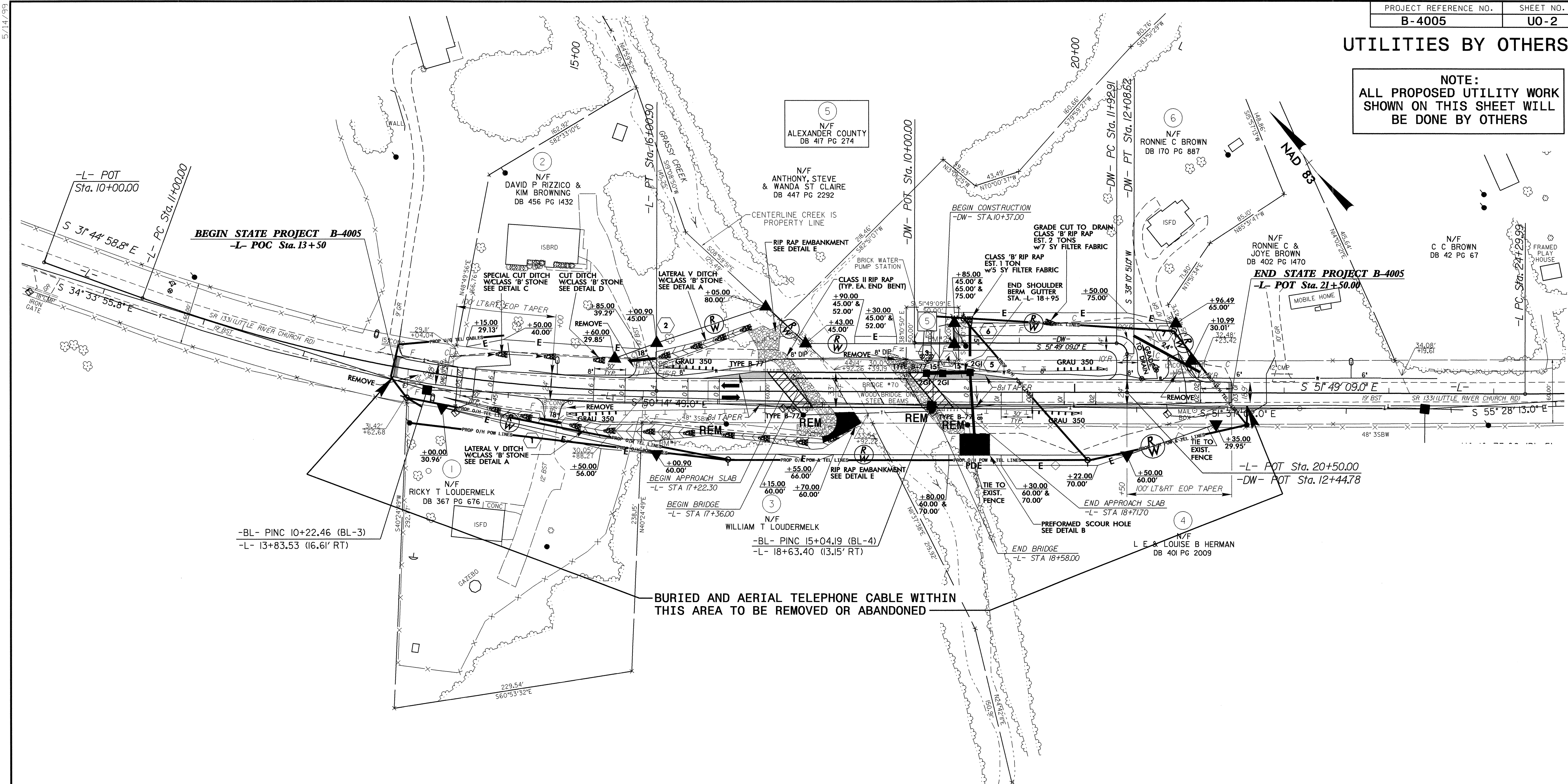
1591 MAIL SERVICES CENTER
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John A. Nigro, P.E. UTILITIES PROJECT DESIGNER

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\$\$\$\$\$USERNAME\$\$\$\$\$

UTILITIES BY OTHERS

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



BURIED AND AERIAL TELEPHONE CABLE WITHIN THIS AREA TO BE REMOVED OR ABANDONED

-BL- PINC 10+22.46 (BL-3)
-L- 13+83.53 (16.6' RT)

-L- POT Sta. 20+50.00
-DW- POT Sta. 12+44.78

END STATE PROJECT B-4005
-L- POT Sta. 21+50.00

BEGIN STATE PROJECT B-4005
-L- POC Sta. 13+50

-L- POT Sta. 10+00.00

-L- PC Sta. 11+00.00

5
N/F
ALEXANDER COUNTY
DB 417 PG 274

2
N/F
DAVID P RIZZICO &
KIM BROWNING
DB 456 PG 1432

N/F
ANTHONY, STEVE
& WANDA ST CLAIRE
DB 447 PG 2292

6
N/F
RONNIE C BROWN
DB 170 PG 887

N/F
RONNIE C &
JOYE BROWN
DB 402 PG 1470

N/F
C C BROWN
DB 42 PG 67

N/F
RICKY T LOUDERMELK
DB 367 PG 676

N/F
WILLIAM T LOUDERMELK
-BL- PINC 15+04.19 (BL-4)
-L- 18+63.40 (13.15' RT)

N/F
L E & LOUISE B HERMAN
DB 401 PG 2009

5/14/99

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*****USE FOR NAME*****