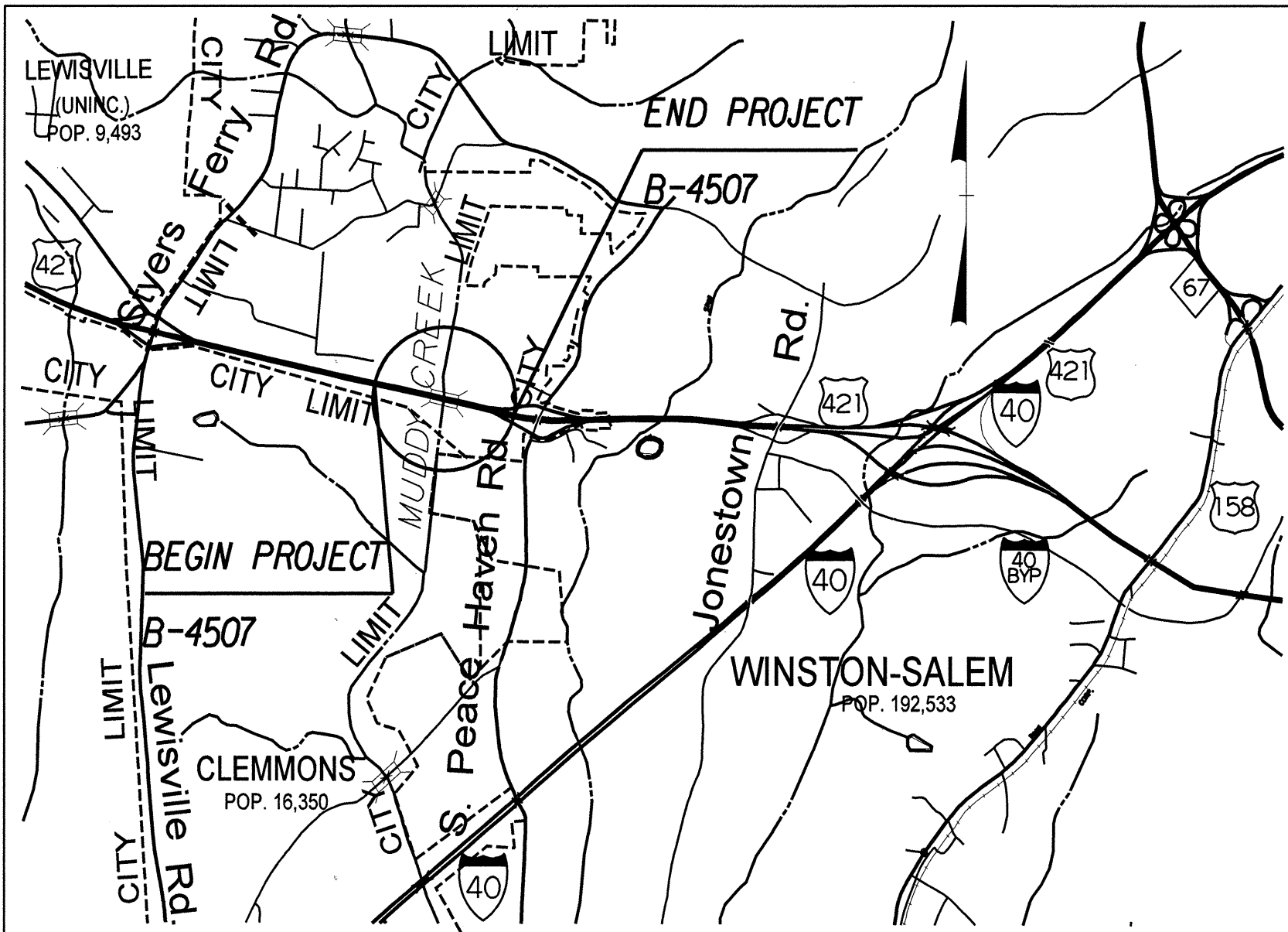


09/08/99

See Sheet 1-A For Index of Sheets



VICINITY MAP

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

**UTILITY CONSTRUCTION
FORSYTH COUNTY**

LOCATION: BRIDGES No. 221 AND No. 222 OVER
MUDDY CREEK ON US 421

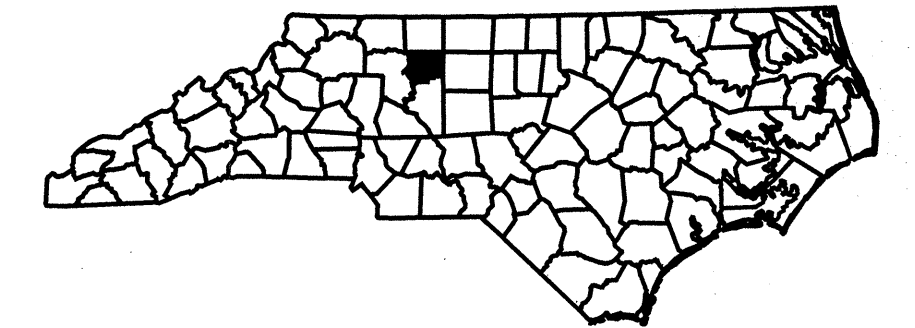
TYPE OF WORK: UTILITY CONSTRUCTION

T.I.P. NO.

B-4507

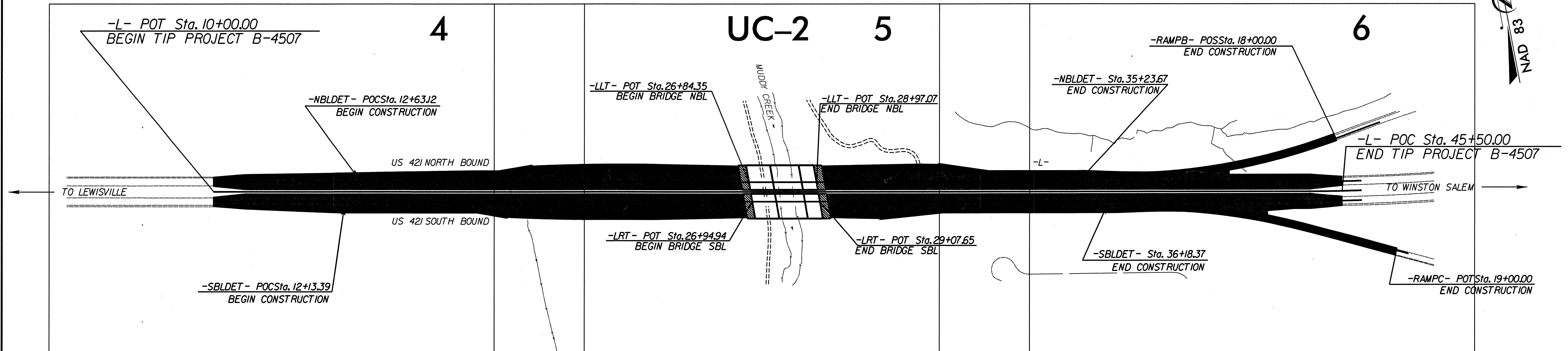
SHEET NO.

UC-1



TIP PROJECT: B-4507

CONTRACT: C202041



THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARIES OF CLEMMONS AND WINSTON-SALEM.

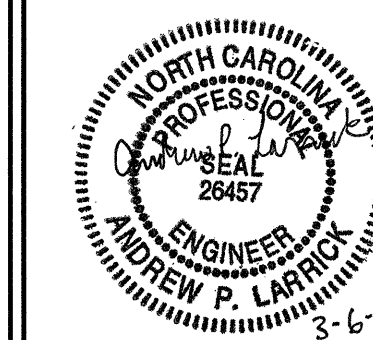
INDEX OF SHEETS

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

WATER AND SEWER OWNERS ON PROJECT

- (1) WATER - WINSTON-SALEM / FORSYTH COUNTY UTILITIES
- (2) SEWER - WINSTON-SALEM / FORSYTH COUNTY UTILITIES

SEAL

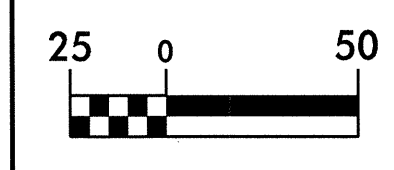


PREPARED IN THE OFFICE OF:
DAVIS-MARTIN-POWELL
6415 Old Plank Road
High Point, NC 27265
PHONE (336) 886-4821
FAX (336) 886-4453

Randy McNeill, P.E. UTILITIES PROJECT MANGER
Andy Larrick, P.E. UTILITIES PROJECT ENGINEER
Andy Larrick, P.E. UTILITIES PROJECT DESIGNER

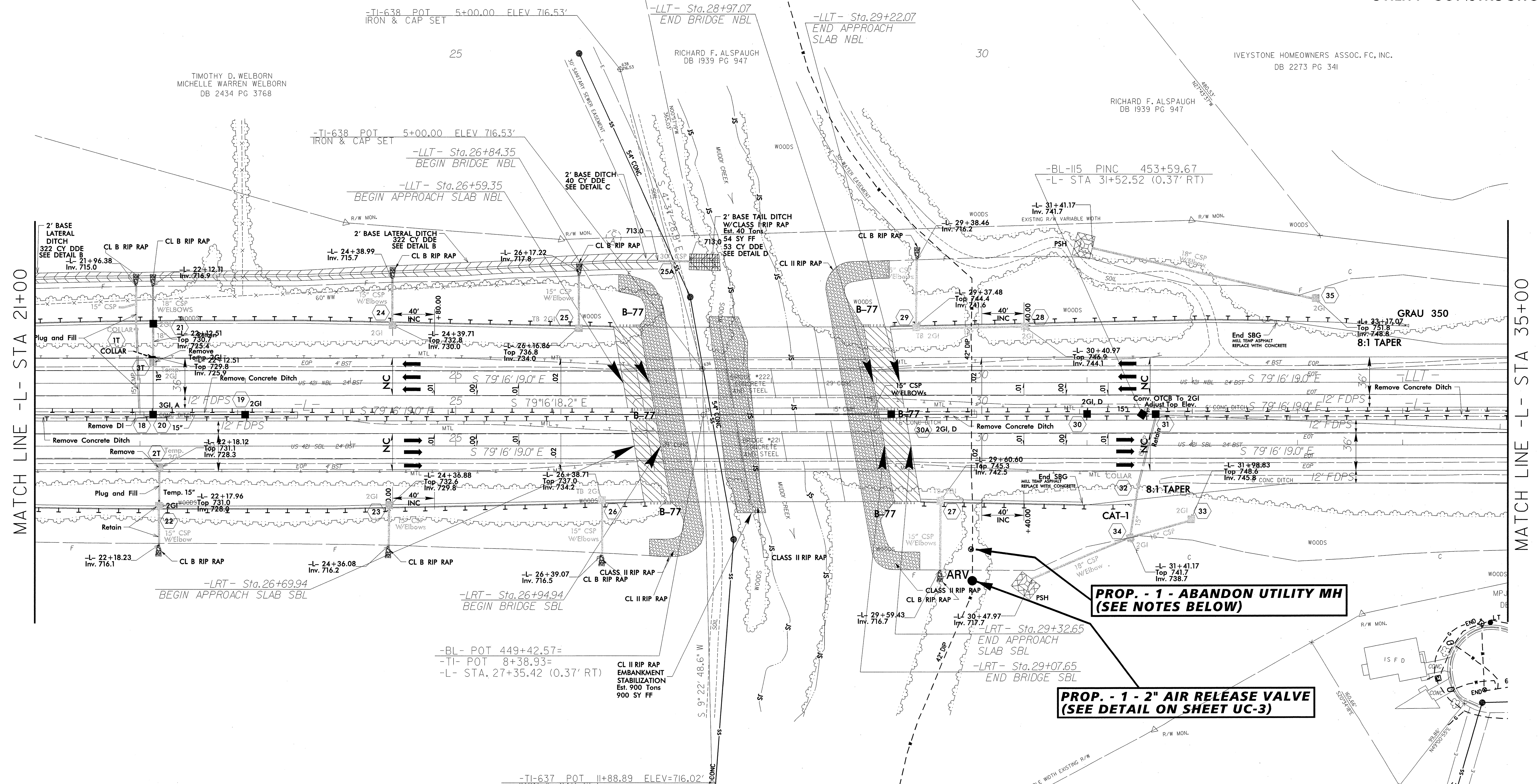
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\$\$\$\$\$DCNS\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$

8/17/99



PROJECT REFERENCE NO. B-4507	SHEET NO. UC-2
DESIGNED BY: DMP	
DRAWN BY: DMP	
CHECKED BY: DMP	
APPROVED BY:	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	ENGINEER ANDREW P. LARRICK 5-6-09
PROJECT SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	UTILITY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION



REVISIONS

MATCH LINE -L- STA 21+00

MATCH LINE -L- STA 35+00

**PROP. - 1 - ABANDON UTILITY MH
(SEE NOTES BELOW)**

**PROP. - 1 - 2" AIR RELEASE VALVE
(SEE DETAIL ON SHEET UC-3)**

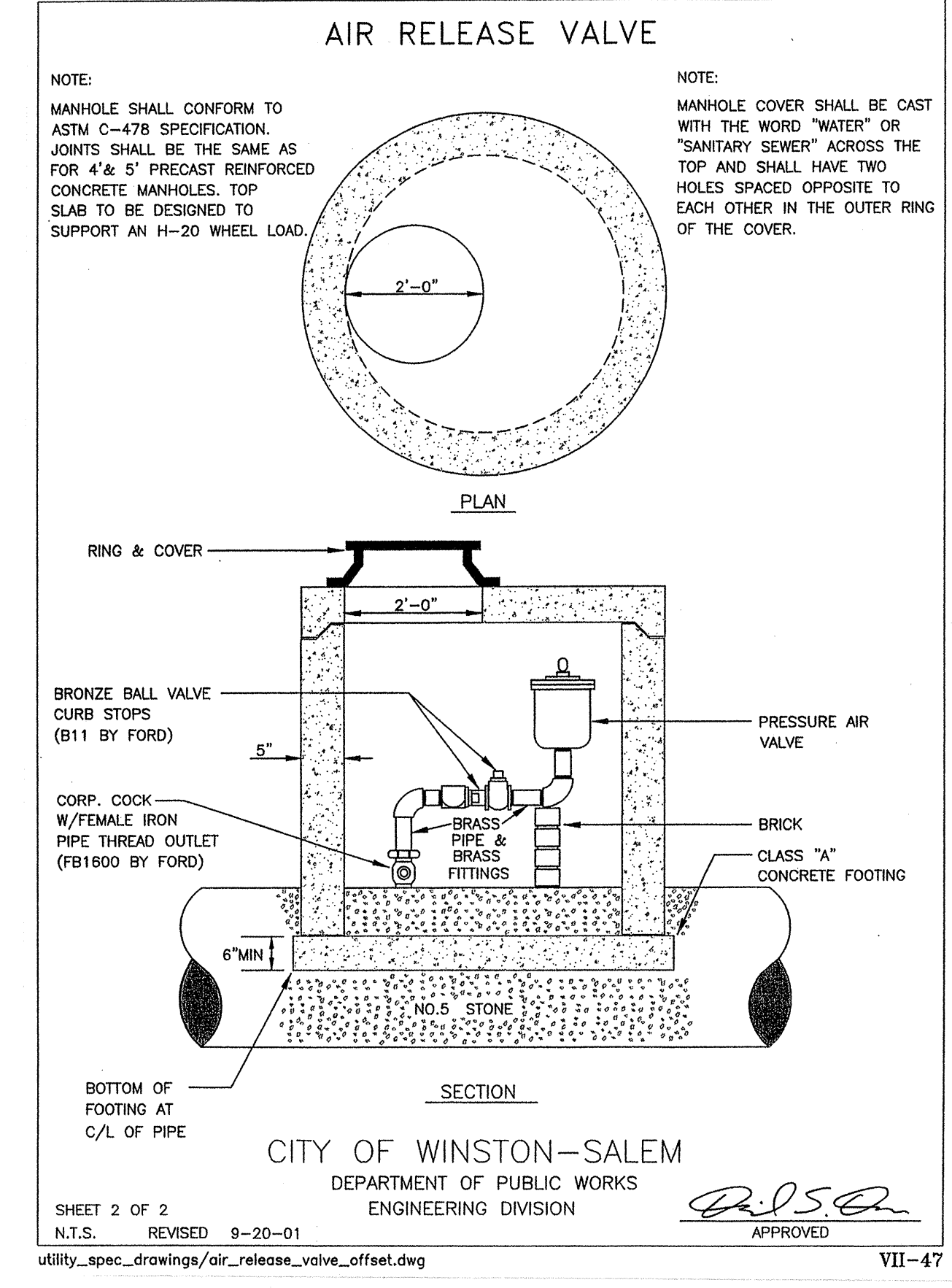
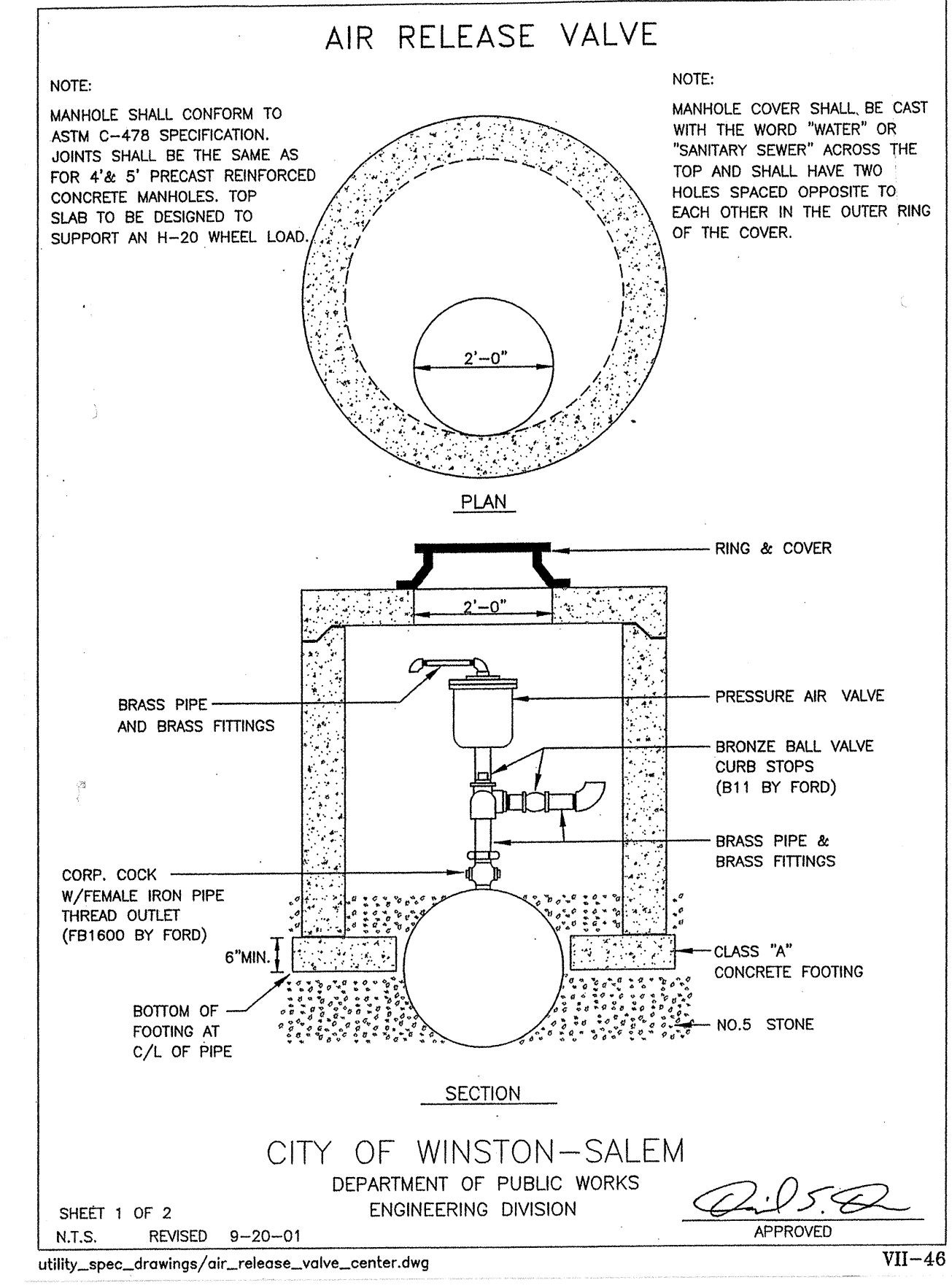
- NOTE:
ABANDONMENT OF UTILITY MANHOLE SHALL
INCLUDE THE FOLLOWING:**
- 1. CLOSE THE EXISTING CORPORATION STOP.**
 - 2. REMOVE THE EX. AIR RELEASE VALVE.**
 - 3. INSTALL CAP ON END OF PIPE WHERE
AIR RELEASE VALVE WAS REMOVED.**
 - 4. FOLLOW NCDOT STANDARD SPECIFICATION
SECTION 1530-3-B FOR ABANDONING MH.**

8/17/99

REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
B-4507	UC-3
DESIGNED BY: DMP	
DRAWN BY: DMP	
CHECKED BY: DMP	
APPROVED BY:	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
PROJECT SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	UTILITY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION



**NOTE:
TOP OF ARV MANHOLE SHALL BE INSTALLED
APPROXIMATELY 1 FOOT ABOVE GRADE.**

CITY OF WINSTON-SALEM ARV SPEC:
ALL AIR RELEASE VALVES SHALL CONFORM TO ANSIIAWWA C512.
THE UNIT PRICE FOR AN AIR RELEASE VALVE WILL INCLUDE FURNISHING AND INSTALLING A CORPORATION COCK ON THE WATER MAIN, TWO BRONZE BALL VALVE CURB STOPS, BRASS PIPE, BRASS FITTINGS, AND AN AIR RELEASE VALVE, ALL ENCLOSED IN AN APPROVED MANHOLE AS INDICATED IN THE ABOVE DETAILS. THE AIR RELEASE VALVE SHALL BE A PRESSURE AIR VALVE, WITH A MINIMUM WORKING PRESSURE RATING 200 PSI, AS MANUFACTURED BY GA INDUSTRIES OR APPROVED EQUAL. ALL INTERIOR IRON SURFACES OF THE AIR VALVE SHALL BE COATED WITH A MINIMUM OF 8 MILS OF FUSION BONDED EPOXY OR LIQUID EPOXY IN ACCORDANCE WITH ANSIIAWWA C550. THE BRONZE BALL VALVE CURB STOPS SHALL HAVE A MINIMUM WORKING PRESSURE RATING OF 200 PSI.

CONDITIONS