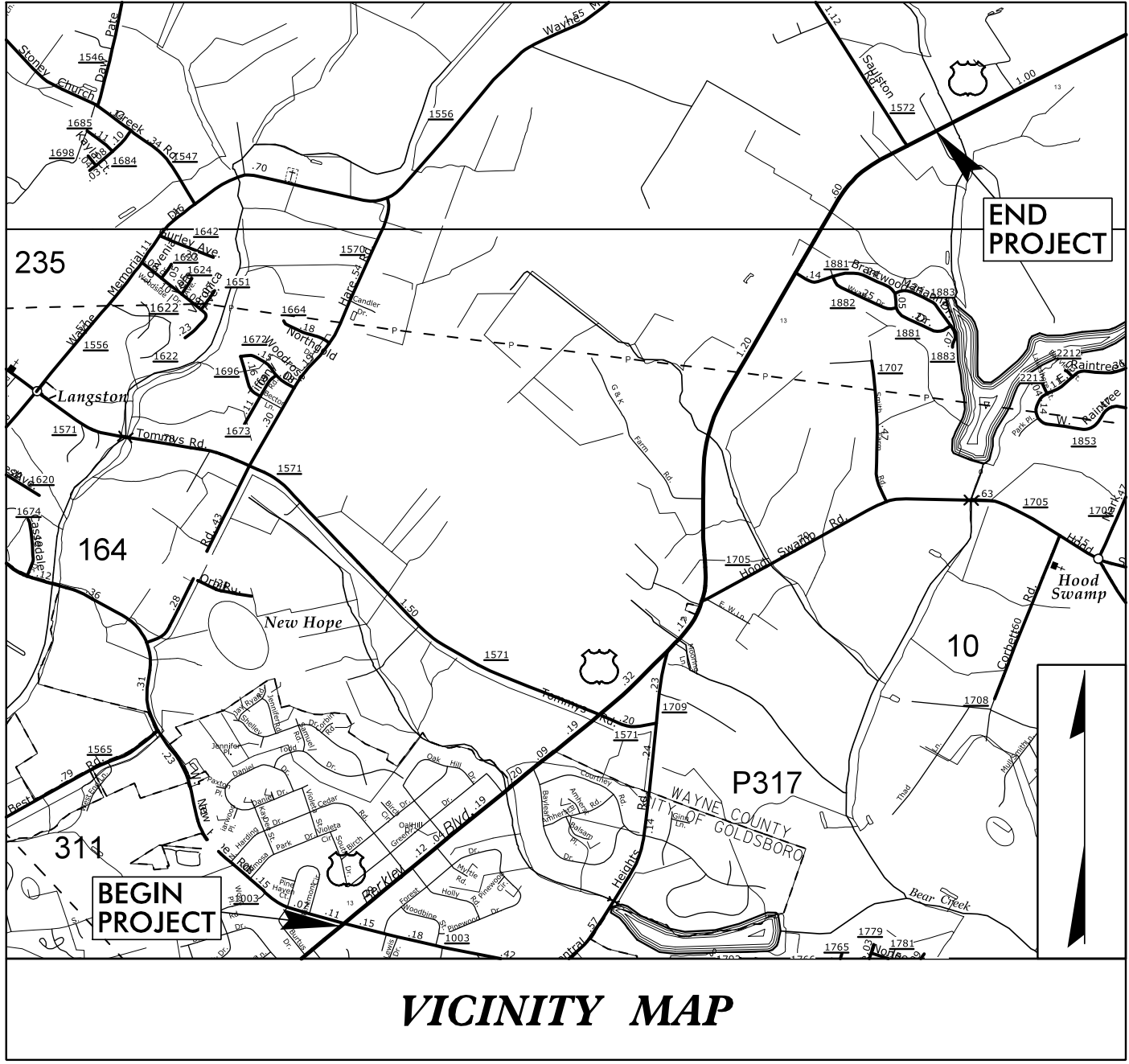


TIP PROJECT: U-3609B

CONTRACT:

See Sheet UC-1 For Index of Sheets
See Sheet UC-2 For Standard Symbology Sheet



VICINITY MAP

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

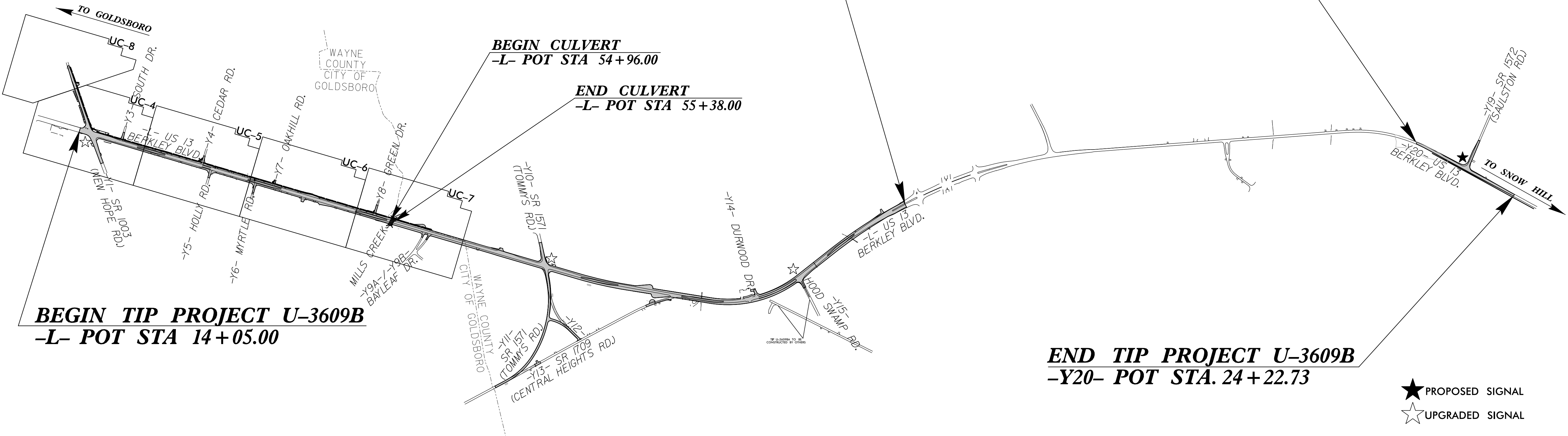
UTILITY CONSTRUCTION PLANS
WAYNE COUNTY

LOCATION: U.S. 13 (BERKELEY BLVD) FROM SR 1003 (NEW HOPE RD)
TO US 70 BYPASS W/INTERSECTION IMPROVEMENTS AT
AT SR 1572 (SAULSTON RD). WIDEN TO MULTI-LANES

TYPE OF WORK: WATER LINE RELOCATION

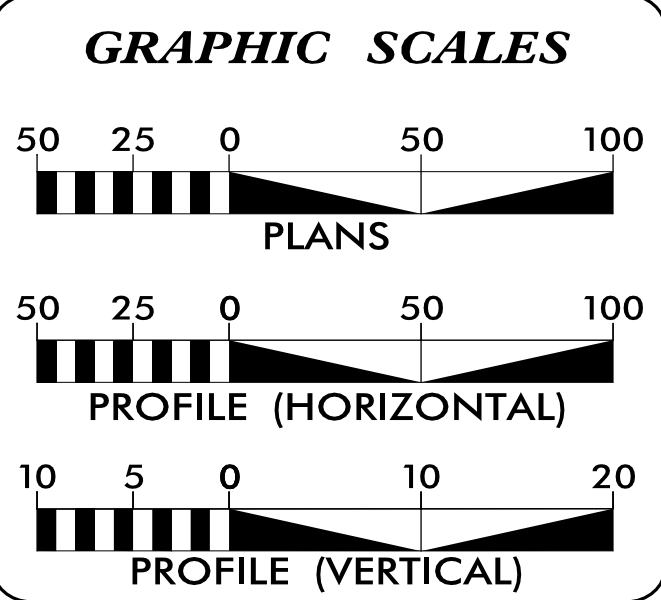
END CONSTRUCTION
-L- POT STA 125+00.00

BEGIN COSTRUCTION
-Y20- POC STA. 10+25.00



★ PROPOSED SIGNAL
☆ UPGRADED SIGNAL

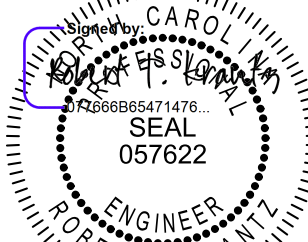
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UNTIL ALL SIGNATURES ARE COMPLETED



INDEX OF SHEETS	
SHEET NO.:	DESCRIPTION:
UC-1	TITLE SHEET
UC-2	UTILITY SYMBOLGY
UC-3	NOTES
UC-3A THRU UC-3D	DETAILS
UC-4 THRU UC-8	UTILITY CONSTRUCTION SHEETS
UC-9 THRU UC-11	UTILITY PROFILE SHEETS

WATER AND SEWER OWNERS ON PROJECT	
(A) WATER - CITY OF GOLDSBORO	

PREPARED IN THE OFFICE OF	
 STV Engineers, Inc. 2151 Hawkins St., Suite 1400 Charlotte, NC 28203 NC License Number F-0991 (704) 372-1885 FAX: (704) 372-3393	
ROBERT KRANTZ, PE	CONSULTANT CONTACT #1
WILLIAM KEATON, PE	CONSULTANT CONTACT #2
-	CONSULTANT CONTACT #3

SEAL

11/6/2025

DIVISION OF HIGHWAYS UTILITIES UNIT	
1555 MAIL SERVICES CENTER RALEIGH, NC 27699-1555 PHONE (919) 707-6690 FAX (919) 250-4151	
KEITH EASON, PE	DIVISION ENGINEER
ADDISON GAINES, PE	PROJECT MANAGER
KYLE A. PLEASANT	DIVISION UTILITY ENGINEER
JIMMY G. SHARPE	DIVISION UTILITY COORDINATOR

5/14/99

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Krantz

REV: 2/1/2012

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

UTILITIES PLAN SHEET SYMBOLS

PROPOSED WATER SYMBOLS

Water Line (Sized as Shown)	12" WL
11¼ Degree Bend	+
22½ Degree Bend	+
45 Degree Bend	+
90 Degree Bend	+
Plug	
Tee	+
Cross	+
Reducer	
Gate Valve	GV
Butterfly Valve	BV
Tapping Valve	TGV
Line Stop	LS
Line Stop with Bypass	LS/BP
Blow Off	BO
Fire Hydrant	PFH
Relocate Fire Hydrant	RFH
Remove Fire Hydrant	REM FH
Water Meter	PWM
Relocate Water Meter	RWM
Remove Water Meter	REM WM
Water Pump Station	PST(W)
RPZ Backflow Preventer	PRPZ
DCV Backflow Preventer	PBFP
Relocate RPZ Backflow Preventer	RRPZ
Relocate DCV Backflow Preventer	RBFP

PROPOSED SEWER SYMBOLS

Gravity Sewer Line (Sized as Shown)	12" SS
Force Main Sewer Line (Sized as Shown)	12" FSS
Manhole (Sized per Note)	
Sewer Pump Station	PST(SS)

PROPOSED MISCELLANEOUS UTILITIES SYMBOLS

Power Pole	
Telephone Pole	
Joint Use Pole	
Telephone Pedestal	TEL PED
Utility Line by Others (Type as Shown)	PROP O/H POW LINES
Trenchless Installation	12" TL INSTALL
Encasement by Open Cut	24" ENCAS BY OC
Encasement	24" ENCASEMENT

Thrust Block	
Air Release Valve	AR
Utility Vault	UV
Concrete Pier	CP
Steel Pier	SP
Plan Note	NOTE
Pay Item Note	PAY ITEM

EXISTING UTILITIES SYMBOLS

Power Pole	
Telephone Pole	
Joint Use Pole	
Utility Pole	
Utility Pole with Base	
H-Frame Pole	
Power Transmission Line Tower	
Water Manhole	
Power Manhole	
Telephone Manhole	
Sanitary Sewer Manhole	
Hand Hole for Cable	
Power Transformer	
Telephone Pedestal	
CATV Pedestal	
Gas Valve	
Gas Meter	
Located Miscellaneous Utility Object	
Abandoned According to Utility Records	AATUR
End of Information	E.O.I.

*Underground Power Line	P
*Underground Telephone Cable	T
*Underground Telephone Conduit	TC
*Underground Fiber Optics Telephone Cable	T FO
*Underground TV Cable	TV
*Underground Fiber Optics TV Cable	TV FO
*Underground Gas Pipeline	G
Aboveground Gas Pipeline	A/G Gas
*Underground Water Line	W
Aboveground Water Line	A/G Water
*Underground Gravity Sanitary Sewer Line	SS
Aboveground Gravity Sanitary Sewer Line	A/G Sanitary Sewer
*Underground SS Force Main Line	FSS
Underground Unknown Utility Line	?UTL
SUE Test Hole	
Water Meter	
Water Valve	
Fire Hydrant	
Sanitary Sewer Cleanout	

*For Existing Utilities
Utility Line Drawn from Record (Type as Shown)
Designated Utility Line (Type as Shown)

GENERAL NOTES:

1. THE PROPOSED UTILITY CONSTRUCTION SHALL MEET THE APPLICABLE REQUIREMENTS OF THE NC DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES" DATED JANUARY 2024.
2. THE EXISTING UTILITIES BELONG TO THE CITY OF GOLDSBORO AND WAYNE WATER DISTRICT.
3. ALL WATER LINES TO BE INSTALLED WITHIN COMPLIANCE OF THE RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF WATER RESOURCES, PUBLIC WATER SUPPLY SECTION. ALL SEWER LINES TO BE INSTALLED WITHIN COMPLIANCE OF THE RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT QUALITY, DIVISION OF WATER RESOURCES, WATER QUALITY SECTION. PERFORM ALL WORK IN ACCORDANCE WITH THE APPLICABLE PLUMBING CODES.
4. THE UTILITY OWNER OWNS THE EXISTING UTILITY FACILITIES AND WILL OWN THE NEW UTILITY FACILITIES AFTER ACCEPTANCE BY THE DEPARTMENT. THE DEPARTMENT OWNS THE CONSTRUCTION CONTRACT AND HAS ADMINISTRATIVE AUTHORITY. COMMUNICATIONS AND DECISIONS BETWEEN THE CONTRACTOR AND UTILITY OWNER ARE NOT BINDING UPON THE DEPARTMENT OR THIS CONTRACT UNLESS AUTHORIZED BY THE ENGINEER. AGREEMENTS BETWEEN THE UTILITY OWNER AND CONTRACTOR FOR THE WORK THAT IS NOT PART OF THIS CONTRACT OR IS SECONDARY TO THIS CONTRACT ARE ALLOWED, BUT ARE NOT BINDING UPON THE DEPARTMENT.
5. PROVIDE ACCESS FOR THE DEPARTMENT PERSONNEL AND THE OWNER'S REPRESENTATIVES TO ALL PHASES OF CONSTRUCTION. NOTIFY DEPARTMENT PERSONNEL AND THE UTILITY OWNER TWO WEEKS PRIOR TO COMMENCEMENT OF ANY WORK AND ONE WEEK PRIOR TO SERVICE INTERRUPTION. KEEP UTILITY OWNERS' REPRESENTATIVES INFORMED OF WORK PROGRESS AND PROVIDE OPPORTUNITY FOR INSPECTION OF CONSTRUCTION AND TESTING.

6. THE PLANS DEPICT THE BEST AVAILABLE INFORMATION FOR THE LOCATION, SIZE, AND TYPE OF MATERIAL FOR ALL EXISTING UTILITIES. MAKE INVESTIGATIONS FOR DETERMINING THE EXACT LOCATION, SIZE, AND TYPE OF MATERIAL OF THE EXISTING FACILITIES AS NECESSARY FOR THE CONSTRUCTION OF THE PROPOSED UTILITIES AND FOR AVOIDING DAMAGE TO EXISTING FACILITIES. REPAIR ANY DAMAGE INCURRED TO EXISTING FACILITIES TO THE ORIGINAL OR BETTER CONDITION AT NO ADDITIONAL COST TO THE DEPARTMENT.
7. MAKE FINAL CONNECTIONS OF THE NEW WORK TO THE EXISTING SYSTEM WHERE INDICATED ON THE PLANS, AS REQUIRED TO FIT THE ACTUAL CONDITIONS, OR AS DIRECTED.
8. MAKE CONNECTIONS BETWEEN EXISTING AND PROPOSED UTILITIES AT TIMES MOST CONVENIENT TO THE PUBLIC, WITHOUT ENDANGERING THE UTILITY SERVICE, AND IN ACCORDANCE WITH THE UTILITY OWNER'S REQUIREMENTS. MAKE CONNECTIONS ON WEEKENDS, AT NIGHT, AND ON HOLIDAYS IF NECESSARY.
9. ALL UTILITY MATERIALS SHALL BE APPROVED PRIOR TO DELIVERY TO THE PROJECT. SEE 1500-7, " SUBMITTALS AND RECORDS" IN SECTION 1500 OF THE STANDARD SPECIFICATIONS.

PROJECT SPECIFIC NOTES:

1. ENGINEER SHALL INSPECT ALL MATERIALS ONSITE PRIOR TO INSTALLATION. DAMAGED MATERIALS SHALL BE REPLACED OR REPAIRED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
2. WATER MAINS OR SEWER LINES CROSSING UNDER STORM DRAIN PIPE SHALL HAVE 24" MIN VERTICAL CLEARANCE UNLESS SPECIFIED ON THE PLAN/PROFILE.
3. ALL SEWER MATERIALS, EQUIPMENT, LABOR, AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE WATER AND SEWER AUTHORITY OF GOLDSBORO'S STANDARD SPECIFICATIONS.
4. PROPOSED WATER LINE FROM -WL1- LINE STATION 56+63.98 TO -WL1- LINE STATION 59+59.86 SHALL BE HDPE PIPE. HDPE PIPE SHALL MEET THE REQUIREMENTS, AS DEFINED IN ASTM D-3350, WITH A MINIMUM CELL CLASSIFICATION OF PE 4710. THE MATERIAL SHALL BE TESTED AND APPROVED FOR POTABLE WATER IN ACCORDANCE WITH NSF/ANSI 61. MINIMUM PIPE WALL THICKNESS SHALL BE BASED ON AN SDR OF 9. CONTRACTOR AND PIPE MANUFACTURER SHALL MUTUALLY DETERMINE ACTUAL WALL THICKNESS REQUIRED, BASED ON STATIC AND DYNAMIC LOADS, WITH AN APPLIED FACTOR OF SAFETY OF 2.5.
5. IN ADVANCE OF BEGINNING UTILITY WORK, SOFT DIGS SHALL BE PERFORMED BY CONTRACTOR TO VERIFY ACTUAL WATER LINE DEPTH AND LOCATION AT PROPOSED TIE-IN LOCATIONS.
6. JOINTS OF HDPE PIPE SEGMENTS SHALL BE BUTT-WELDED FLUSH TO THE OUTSIDE DIAMETER OF THE PIPE. PRIOR TO PERFORMING THE FINAL HYDROSTATIC TEST, THE ENDS OF PIPE SHALL BE PROVIDED WITH A DUCTILE IRON BLIND FLANGE, WITH A FLANGE CONNECTION TO THE HDPE PIPE. FLANGED JOINTS SHALL MEET THE REQUIREMENTS OF ANSI B16.1, CLASS 250. CONTRACTOR TO CONFIRM THAT BOTH FLANGE AND PIPE ARE RATED TO 250 PSI.
7. THE CONTRACTOR SHALL INSTALL THE HDPE PIPE BY THE HORIZONTALLY-DRILLED, DIRECTIONALLY-CONTROLLED METHOD OF CONSTRUCTION. PIPE SHALL BE FILLED WITH POTABLE WATER AND NOT BE CONNECTED TO ANY OTHER PIPE OR FITTINGS FOR ONE WEEK FROM TIME OF INSTALLATION.
8. THE CONTRACTOR SHALL EMPLOY EXPERIENCED PERSONNEL TO OPERATE THE DIRECTIONAL DRILLING EQUIPMENT AND THE POSITION MONITORING AND STEERING EQUIPMENT. THE CONTRACTOR SHALL USE CERTIFIED FUSING PERSONNEL APPROVED BY THE PIPE MANUFACTURER.
9. WHEN PIPE IS BEING INSTALLED BY HORIZONTAL DIRECTIONAL DRILLING THE CONTRACTOR SHALL AT ALL TIMES, PROVIDE AND MAINTAIN INSTRUMENTATION THAT WILL ACCURATELY LOCATE THE PILOT HOLE POSITION IN THE X, Y, AND Z AXES RELATIVE TO THE GROUND SURFACE. DRILL FLUID FLOW RATE AND PRESSURE SHALL ALSO BE MONITORED. THE CONTRACTOR SHALL MAINTAIN AND PROVIDE THE ENGINEER ACCESS TO THE DATA GENERATED BY THE DOWNHOLE SURVEY TOOLS.

10. PIPE INSTALLED BY HORIZONTAL DIRECTIONAL DRILLING SHALL BE LOCATED AS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL PLOT THE ACTUAL HORIZONTAL AND VERTICAL ALIGNMENT OF THE PILOT BORE AT INTERVALS NOT EXCEEDING 30 FEET. THIS "AS-BUILT" PLAN AND PROFILE SHALL BE UPDATED AS THE PILOT BORE IS ADVANCED. AT THE COMPLETION OF THE PILOT HOLE, THE CONTRACTOR SHALL PROVIDE THE COORDINATES OF THE PILOT HOLE AS SPECIFIED.
11. THE CONTRACTOR SHALL HAVE ACCURATE WORKING GAUGES THAT REGISTER TENSILE FORCE BEING USED TO PULL THE PIPELINE BACK THROUGH THE REAMED BOREHOLE.
12. DEVIATIONS FROM, AND CORRECTIONS TO, THE DESIGN CENTERLINE SHALL NOT EXCEED 2% OF THE DEPTH PER 100 FEET AND 2% HORIZONTALLY PER 100 FEET. CONTRACTOR TO ENSURE NEWLY CONSTRUCTED UTILITIES ARE ENTIRELY WITHIN RIGHT-OF-WAY OR UTILITY EASEMENT.
13. THE HORIZONTAL DIRECTIONAL DRILLING OPERATION SHALL BE CONDUCTED IN A MANNER TO ELIMINATE THE DISCHARGE OF WATER, DRILLING MUD, AND CUTTINGS TO AREAS NOT INVOLVED IN THE CONSTRUCTION PROCESS. THE CONTRACTOR SHALL IMMEDIATELY CONTAIN AND CLEAN UP ANY INADVERTENT RETURNS. THE CONTRACTOR SHALL ALSO PROVIDE EQUIPMENT AND PROCEDURES TO MAXIMIZE THE RECIRCULATION OR REUSE OF DRILLING MUD TO MINIMIZE WASTE DISPOSAL.
14. AFTER INSTALLING DIRECTIONAL DRILL, CONTRACTOR TO DIG DOWN, CUT PIPE AND INSTALL FITTINGS REQUIRED TO COMPLETE CONNECTION.
15. JONATHAN PERRY, PROFESSIONAL ENGINEER OF CITY OF GOLDSBORO, WILL SERVE AS THE UTILITY OWNER CONTACT ON THIS PROJECT. CONTRACTOR, AS REQUIRED BY STANDARD SPECIFICATION SECTION 1500-2, SHALL CONTACT HIM AT (919)-580-4317.
16. NO INTERRUPTION TO EXISTING SERVICE SHALL TAKE PLACE UNTIL ALL CUSTOMERS HAVE BEEN NOTIFIED A MINIMUM OF 24 HOURS IN ADVANCE. CONTRACTOR TO CONTACT MARTY ANDERSON (919)-333-3355 1 MONTH IN ADVANCE OF ANY WORK TO ALLOW SUFFICIENT TIME TO PREPARE NOTICE OF INTERRUPTION TO AFFECTED CUSTOMERS. DISTRIBUTION TO EACH CUSTOMER SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNDER THE DIRECTION OF THE CITY OF GOLDSBORO.

stv

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Charlotte, NC 28203
NC License Number F-0991

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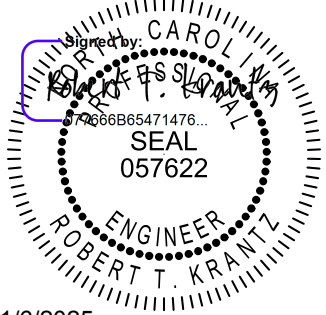
PROJECT REFERENCE NO.
U-3609B

DESIGNED BY: TK
DRAWN BY: TK
CHECKED BY: RTK
APPROVED BY:
REVISED:
NORTH CAROLINA
DEPARTMENT OF
TRANSPORTATION
UTILITIES ENGINEERING SEC.
PHONE: (919) 707-6690
FAX: (919) 250-4151

SHEET NO.
UC-3

11/6/2025

UTILITY CONSTRUCTION
PLANS ONLY



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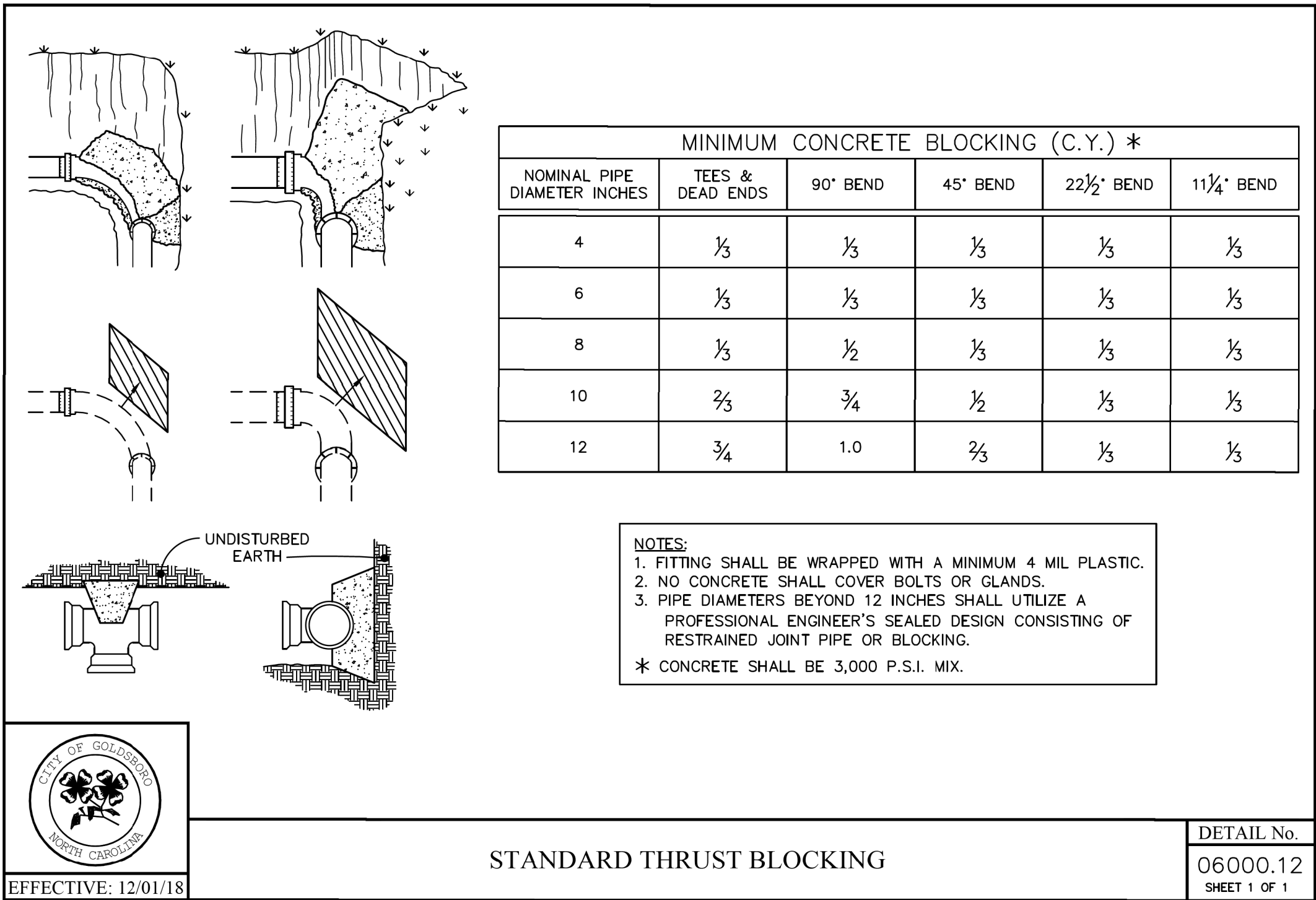
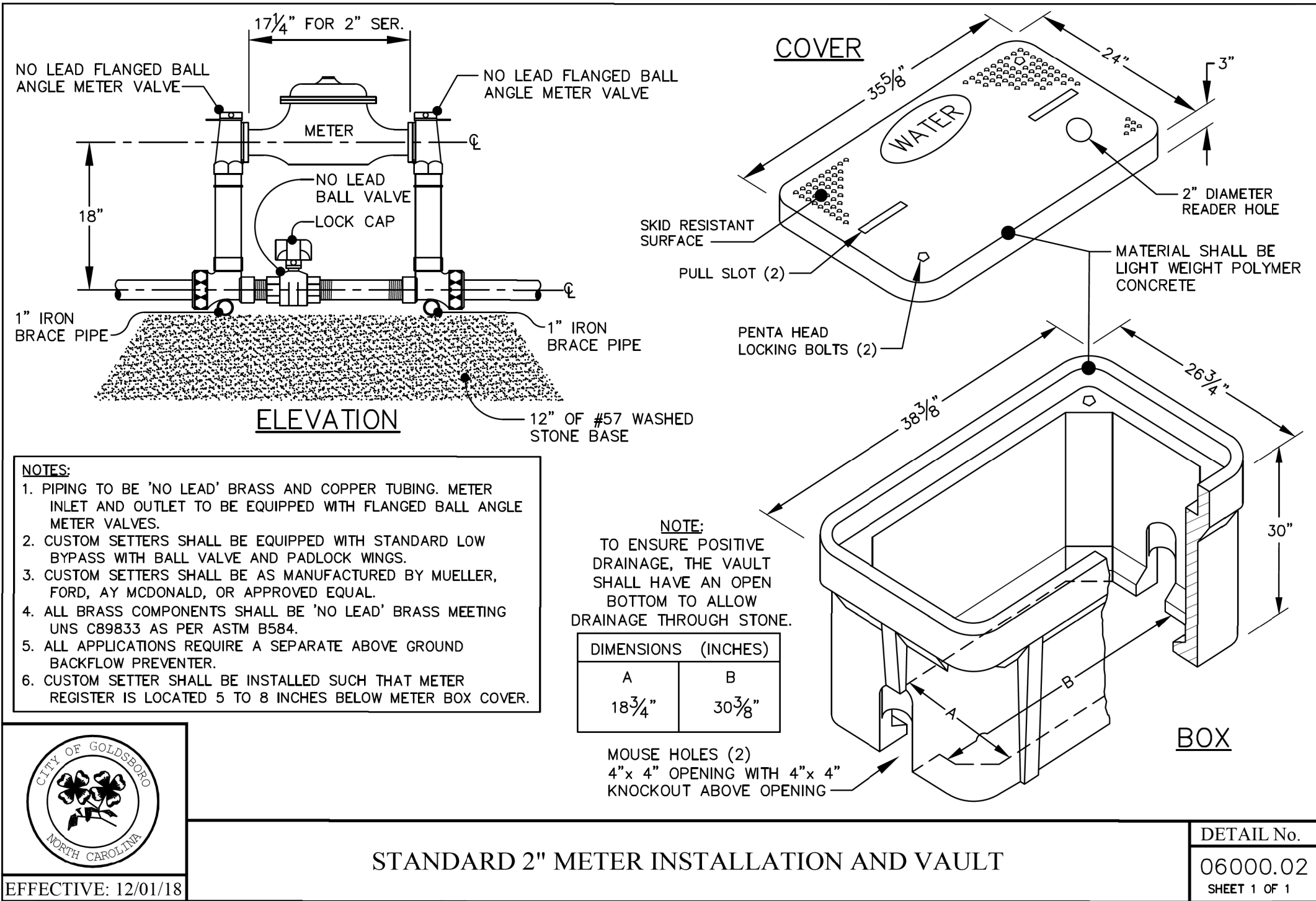
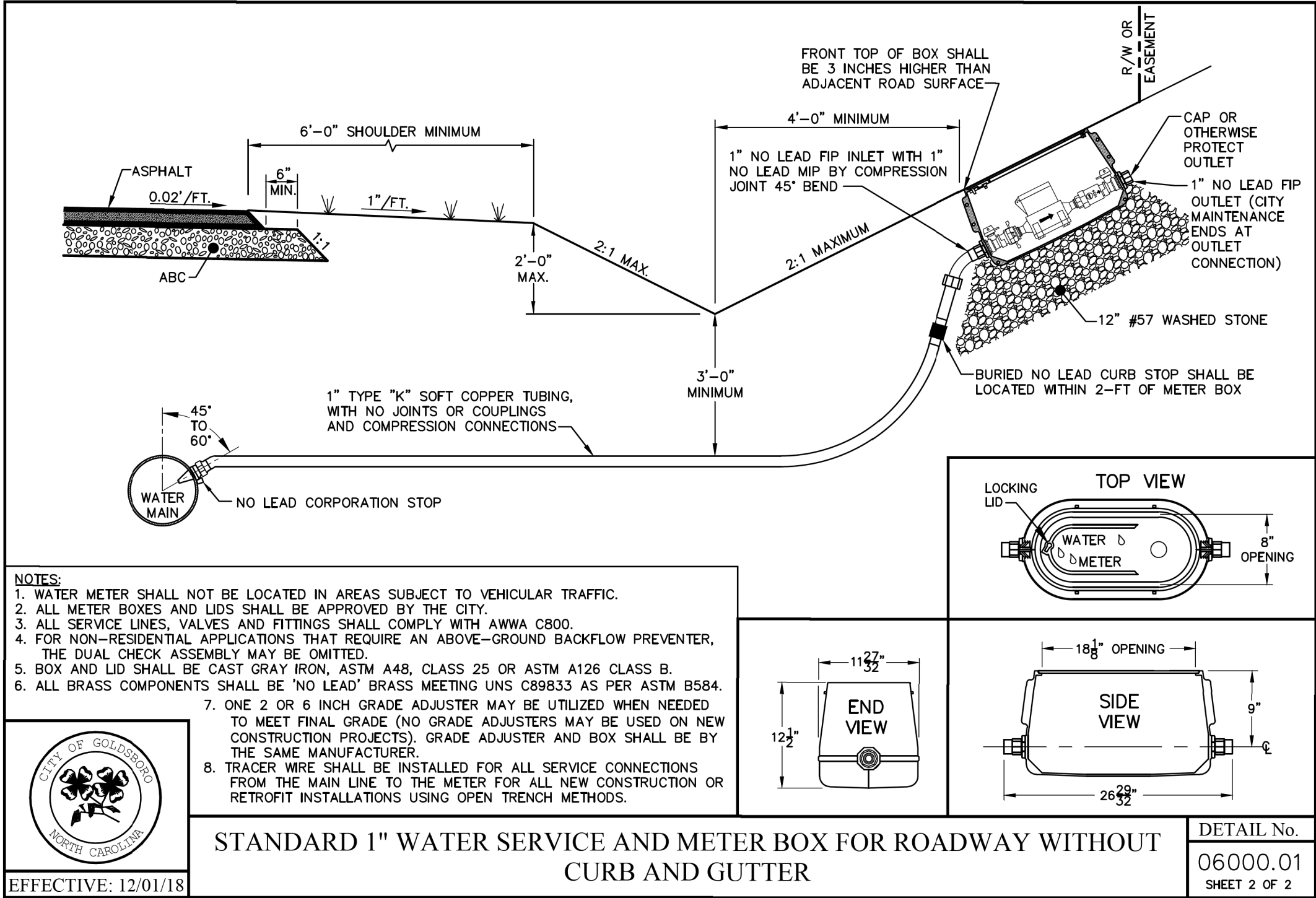
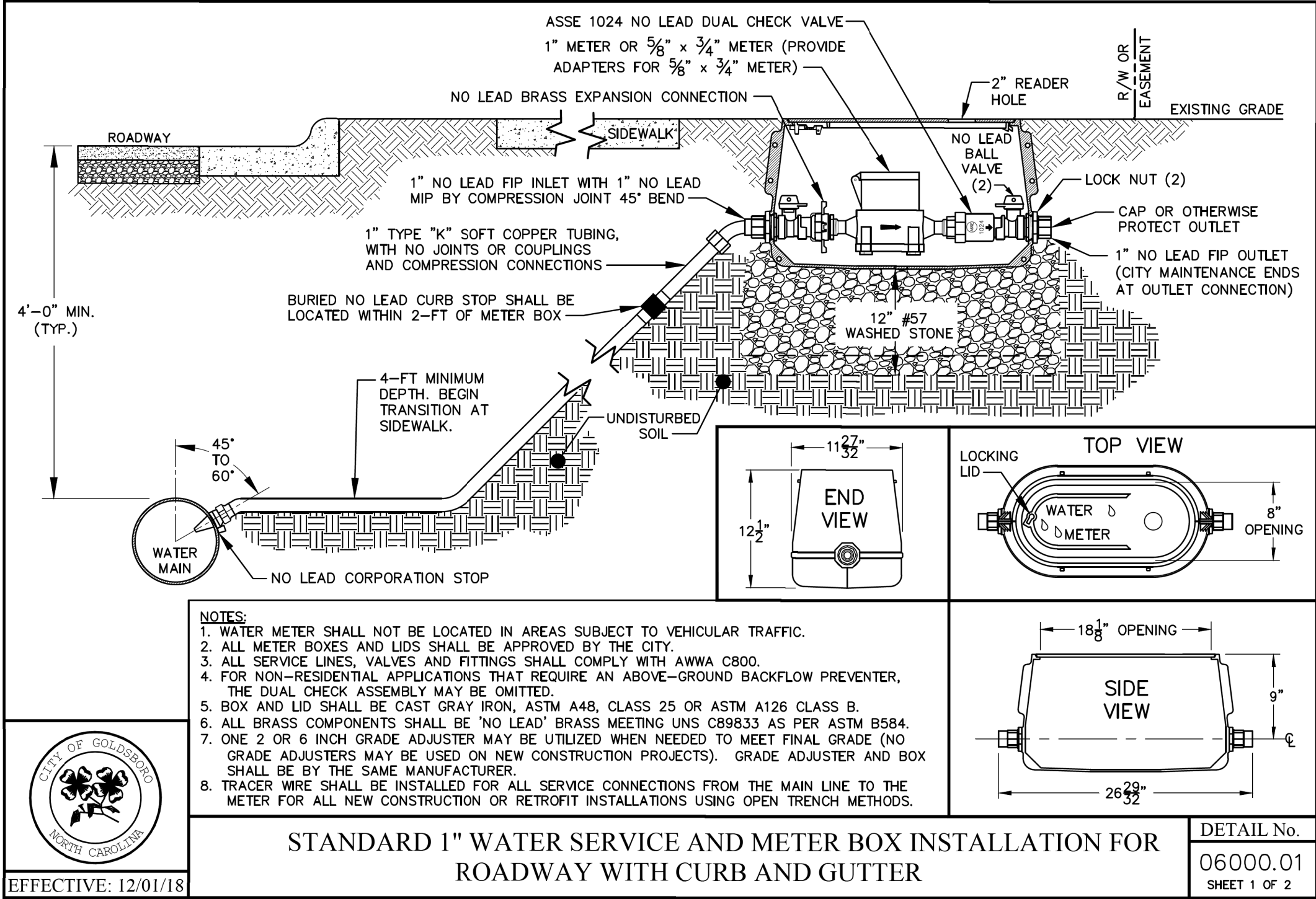
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DESIGNED BY:	TK	CITY OF GOLDENSBORO NORTH CAROLINA SEAL 057622 ENGINEER ROBERT T. KRANTZ 11/6/2025 UTILITY CONSTRUCTION PLANS ONLY
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CHECKED BY:	RTK	
APPROVED BY:		
REVISED:		
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151		

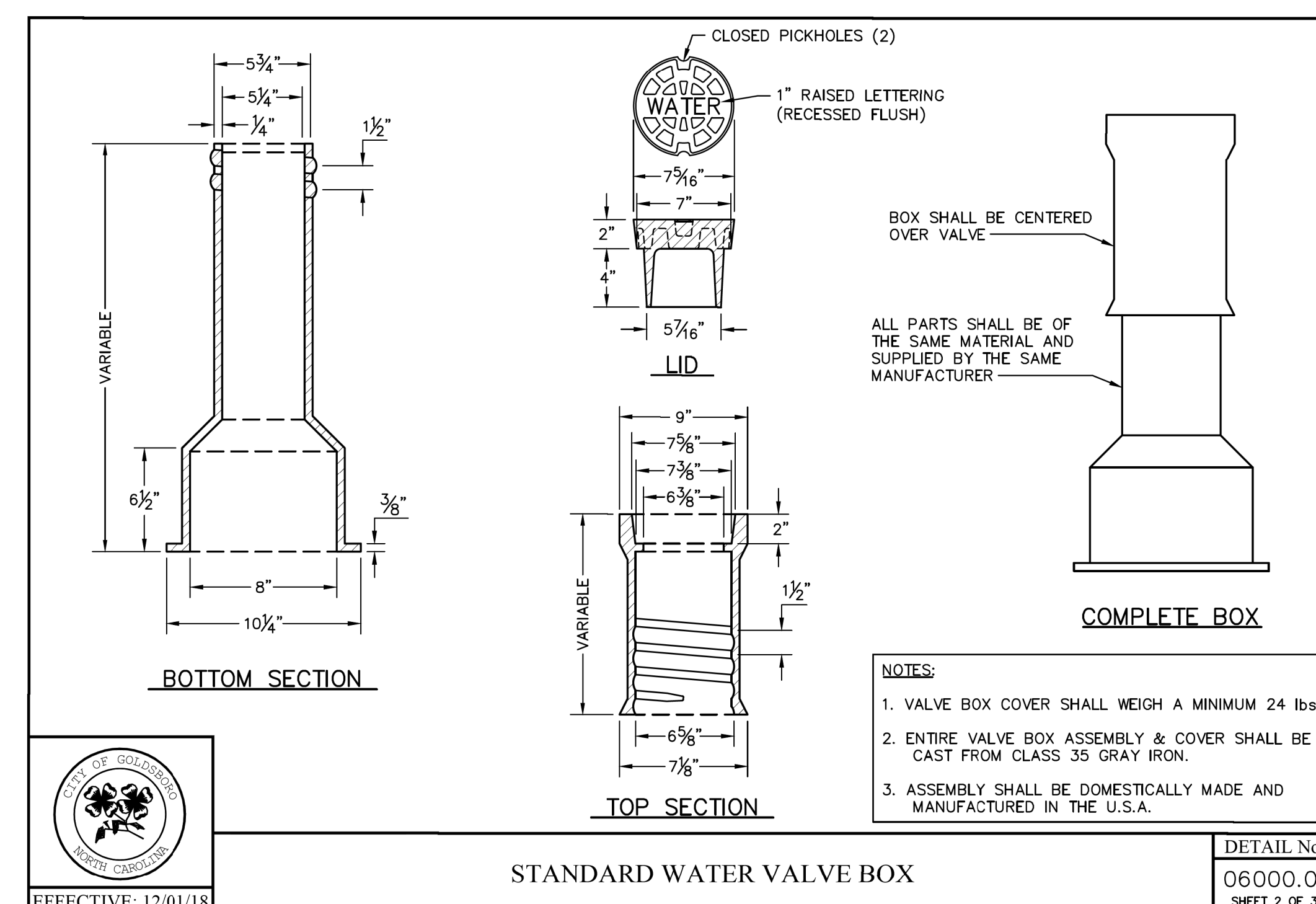
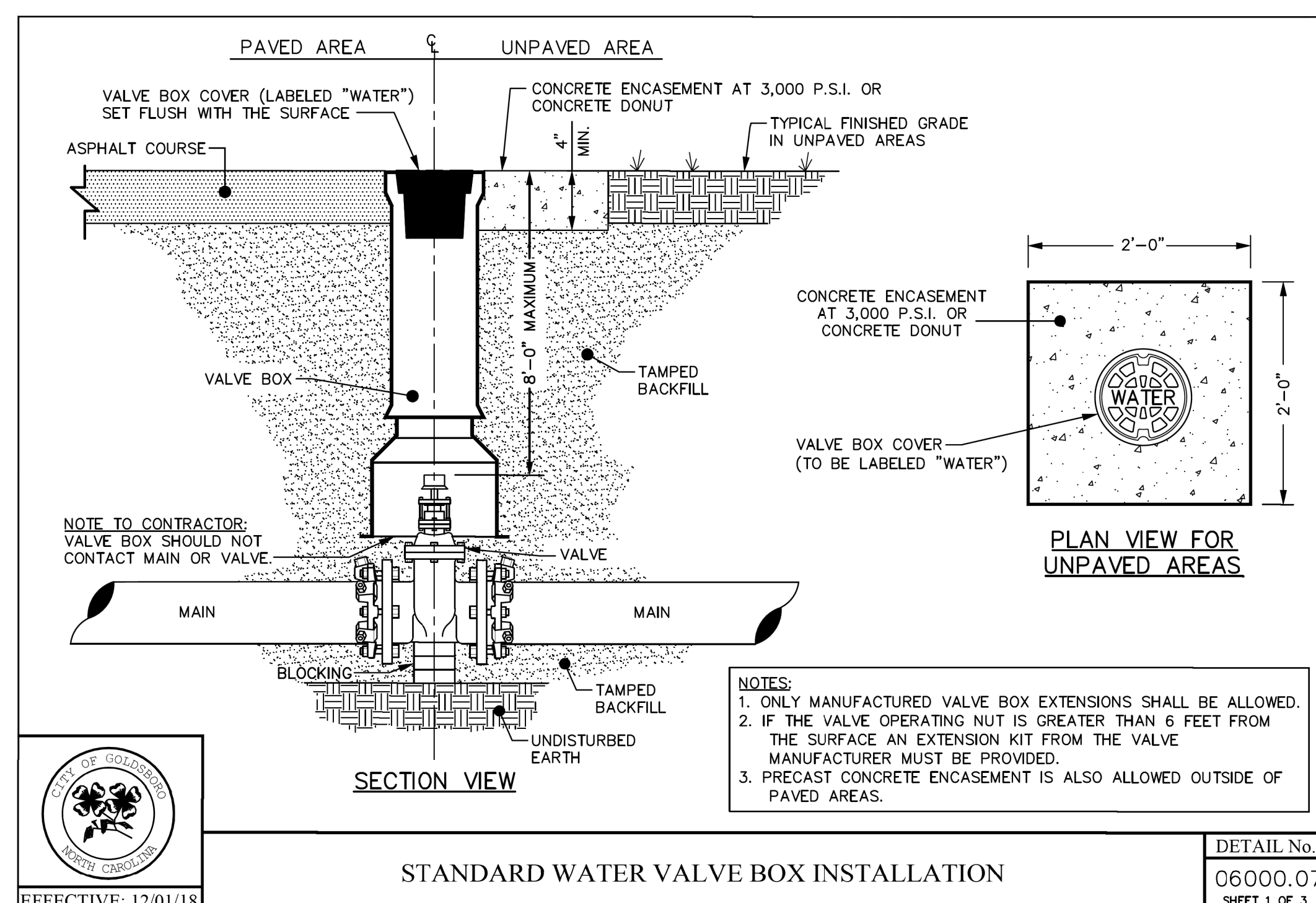
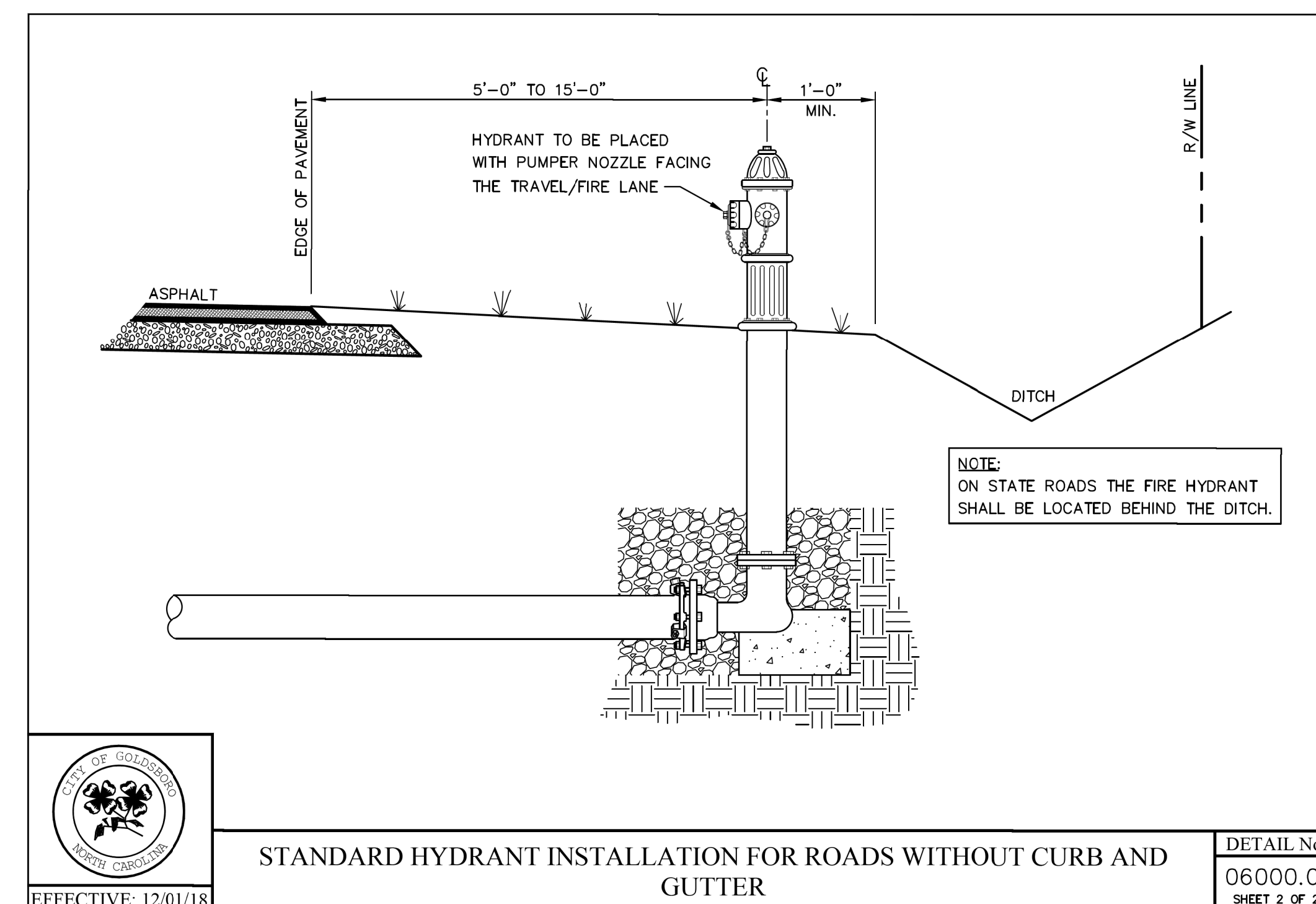
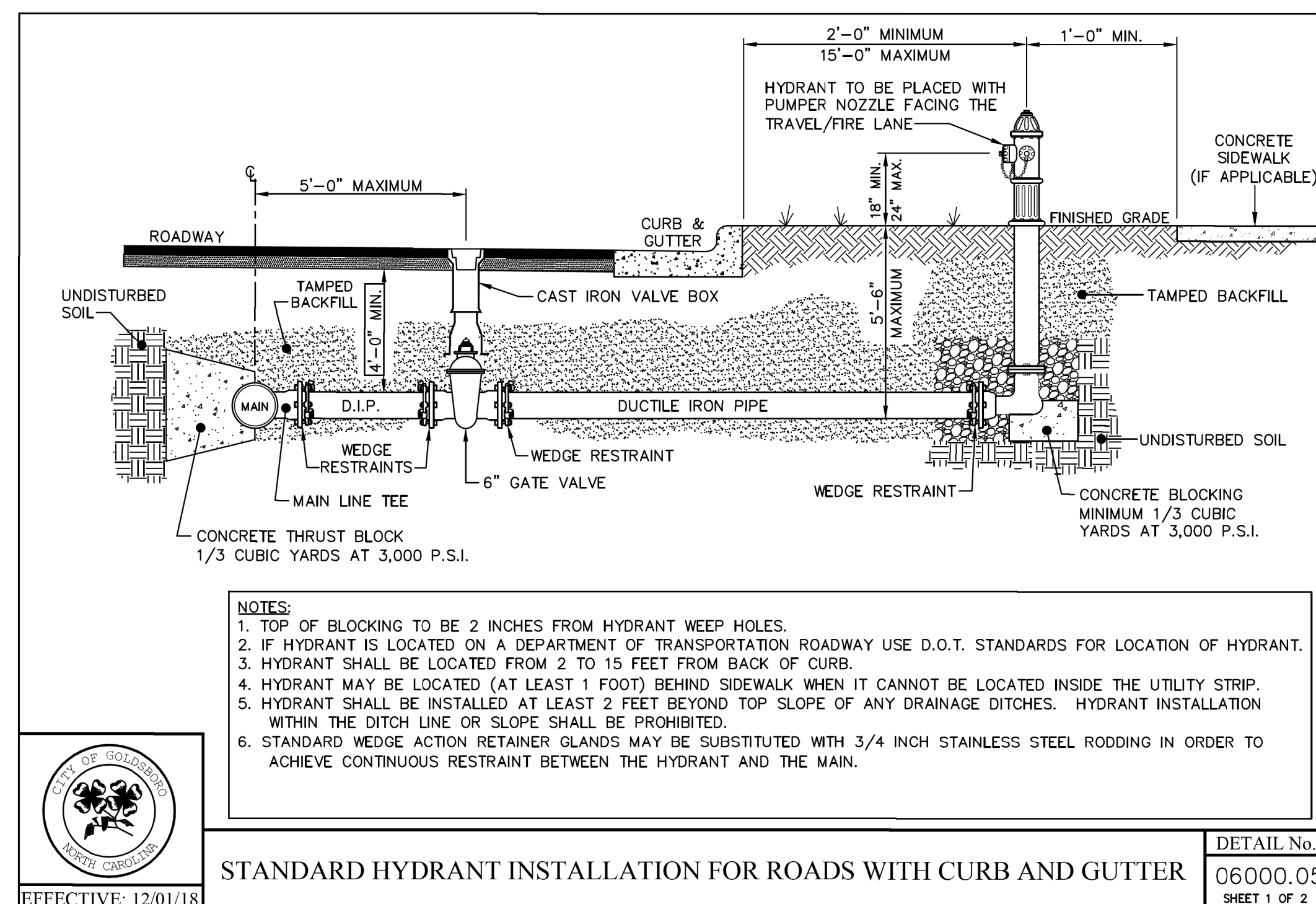
UTILITY CONSTRUCTION

PROJECT TYPICAL DETAILS



PROJECT TYPICAL DETAILS

UTILITY CONSTRUCTION



PROJECT TYPICAL DETAILS

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DESIGNED BY: TK	STATE OF NORTH CAROLINA REGISTERED PROFESSIONAL ENGINEER SEAL 057622 ROBERT T. KRANTZ 11/6/2025	
DRAWN BY: TK		
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APPROVED BY:		
REVISED:		
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FAX: (919) 250-4151		

UTILITY CONSTRUCTION

STAINLESS STEEL ROD REQUIREMENTS	
BRANCH SIZE	No. OF RODS
4"	2
6"	2
8"	4
12"	6
16"	8

CITY OF GOLDSBORO
NORTH CAROLINA

EFFECTIVE: 12/01/18

GENERAL NOTES:
1. SEE STANDARD THRUST BLOCK DETAIL.
2. CONCRETE SHALL NOT CONTACT BOLTS OR ENDS OF MECHANICAL FITTINGS.
3. RODS SHALL NOT BE COUPLED.

DETAIL No.
06000.08
SHEET 1 OF 2

STANDARD VALVE RESTRAINT WITH RODDING
AT A TEE OR CROSS UP TO 16" IN DIAMETER

CITY OF GOLDSBORO
NORTH CAROLINA

EFFECTIVE: 12/01/18

GENERAL NOTES:
1. SEE STANDARD THRUST BLOCK DETAIL.
2. CONCRETE SHALL NOT CONTACT BOLTS OR ENDS OF MECHANICAL FITTINGS.

DETAIL No.
06000.08
SHEET 2 OF 2

ALTERNATE VALVE RESTRAINT WITH WEDGE ACTION RETAINER GLANDS
AT A TEE OR CROSS

CITY OF GOLDSBORO
NORTH CAROLINA

EFFECTIVE: 12/01/18

RESILIENT WEDGE GATE VALVE ASSEMBLY FOR VERTICAL INSTALLATIONS

DETAIL No.
06000.09
SHEET 1 OF 2

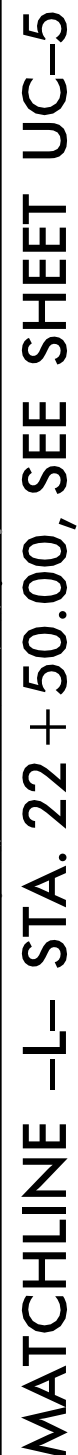
CITY OF GOLDSBORO
NORTH CAROLINA

EFFECTIVE: 12/01/18

RESILIENT WEDGE GATE VALVE ASSEMBLY FOR HORIZONTAL INSTALLATIONS

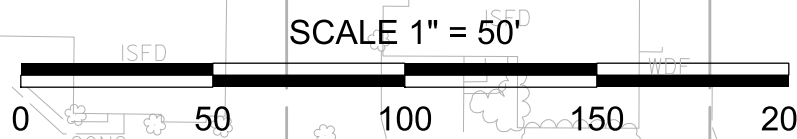
DETAIL No.
06000.09
SHEET 2 OF 2

PIPE BEDDED IN SAND, GRAVEL OR CRUSHED STONE
TO A DEPTH OF 1/8 PIPE DIAMETER, 4" MINIMUM UNDER
PIPE. 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 APPROX. 95% DENSITY IN ACCORDANCE
WITH AASHTO T-99 AS MODIFIED BY THE
DEPARTMENT OF TRANSPORTATION.



5/14/99

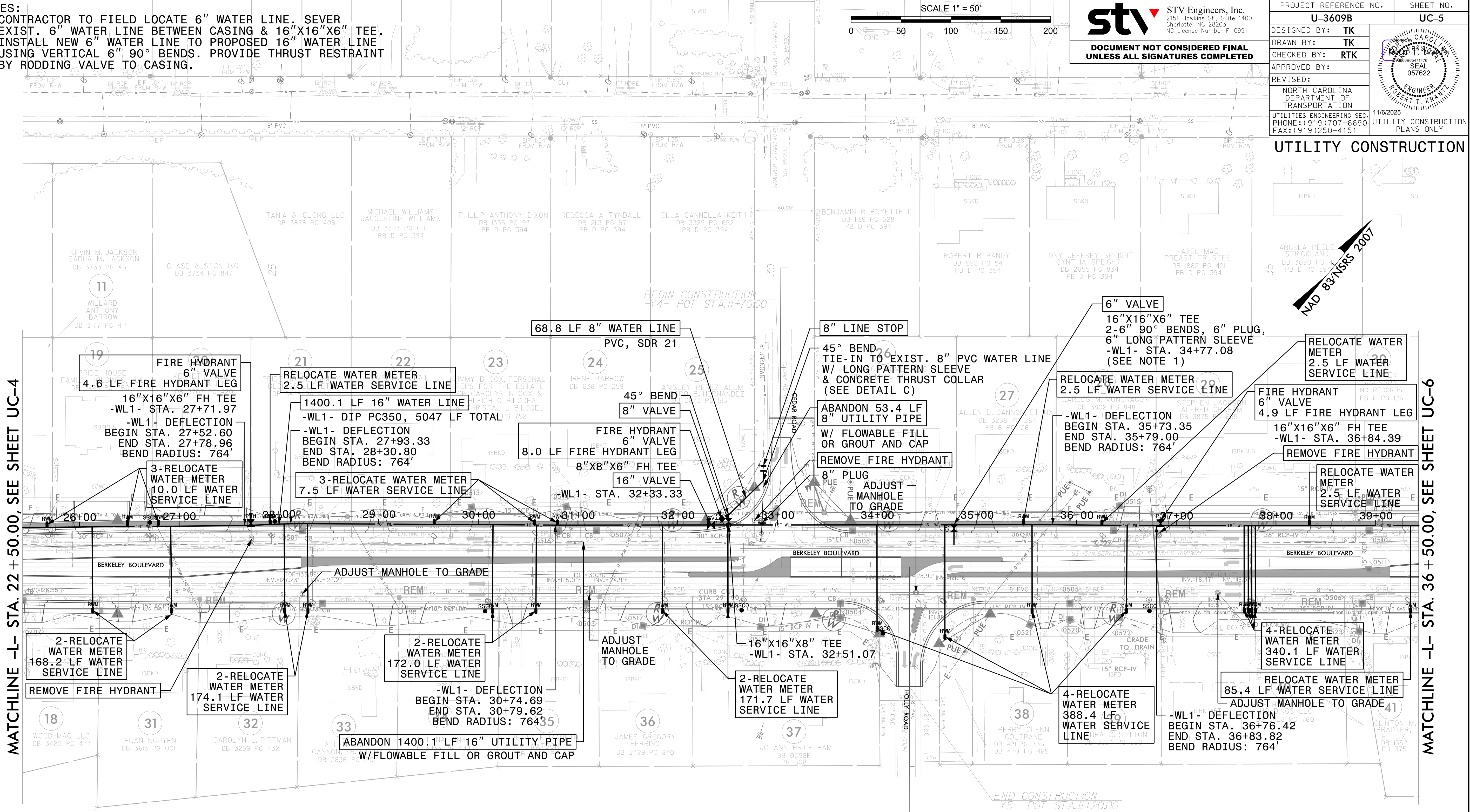
NOTES:
1. CONTRACTOR TO FIELD LOCATE 6" WATER LINE. SEVER
EXIST. 6" WATER LINE BETWEEN CASING & 16"x16"x6" TEE.
INSTALL NEW 6" WATER LINE TO PROPOSED 16" WATER LINE
USING VERTICAL 6" 90° BENDS. PROVIDE THRUST RESTRAINT
BY RODDING VALVE TO CASING.



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APPROVED BY:		
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PHONE: (919) 707-6690 FAX: (919) 250-4151		

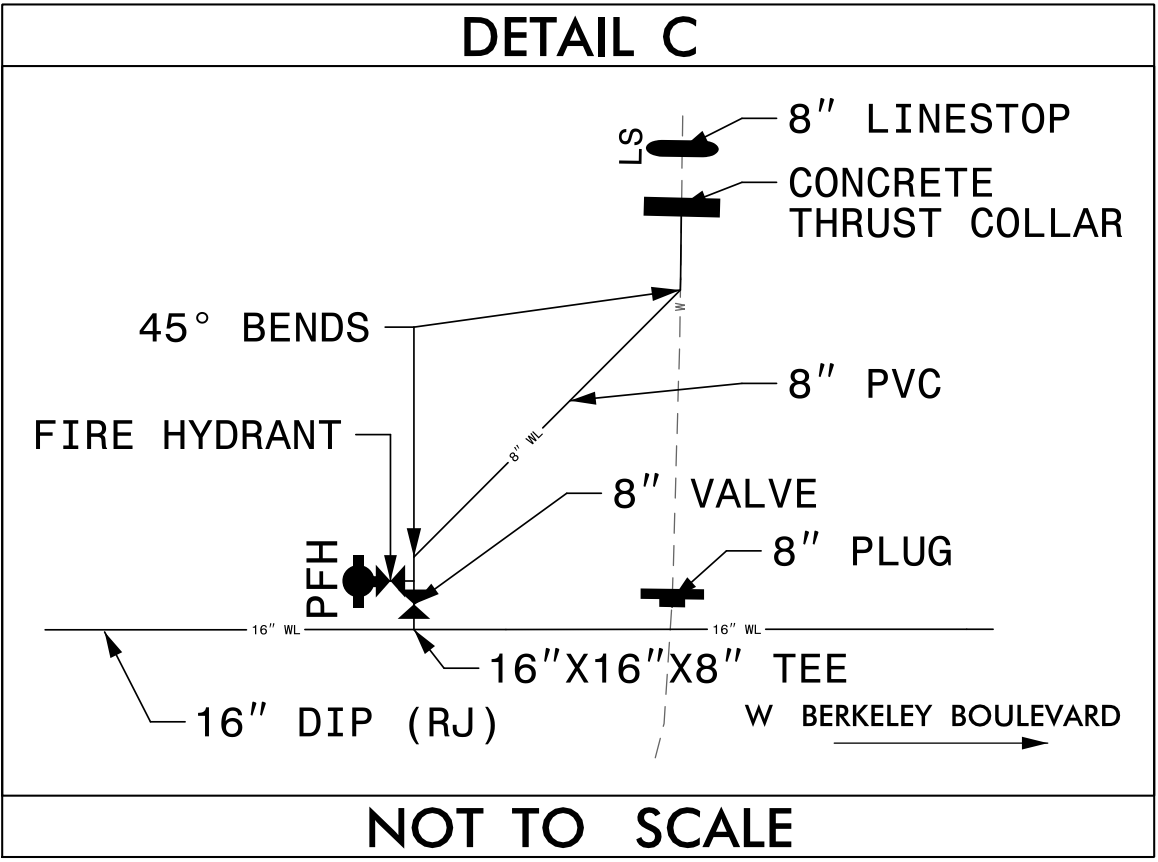


MATCHLINE -L- STA. 22 + 50.00, SEE SHEET UC-4

MATCHLINE -L- STA. 36 + 50.00, SEE SHEET UC-6

SEE SHEETS UC-9 & UC-10 FOR -WL1- PROFILE

THE ESTIMATED QUANTITY OF DUCTILE IRON WATER
PIPE FITTINGS ON THIS PLAN SHEET IS 2955 POUNDS.
THE ACTUAL QUANTITY AND TYPE OF FITTINGS WILL
VARY BASED ON FIELD CONDITIONS.



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Krantz

SEE SHEET UC-10 FOR -WL1- PROFILE

1



5/28/99

SCALE: 1" = 50' HORIZONTAL
1" = 10' VERTICAL

NOTES:

1. LOCATION AND DEPTHS OF EXISTING UTILITIES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOCATIONS AND DEPTHS PRIOR TO WATER LINE CONSTRUCTION.

PROP. 16" WATER LINE -WL1-
NEW HOPE ROAD TO BERKLEY BOULEVARD



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PROJECT REFERENCE NO.

U-3609B

SHEET NO.

UC-9

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APPROVED BY:

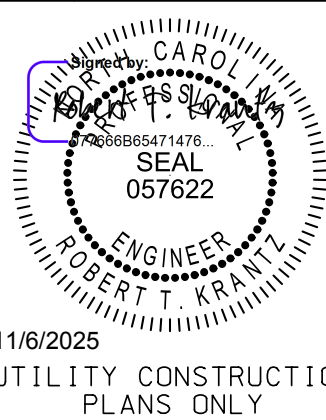
REVISED:

NORTH CAROLINA
DEPARTMENT OF
TRANSPORTATION

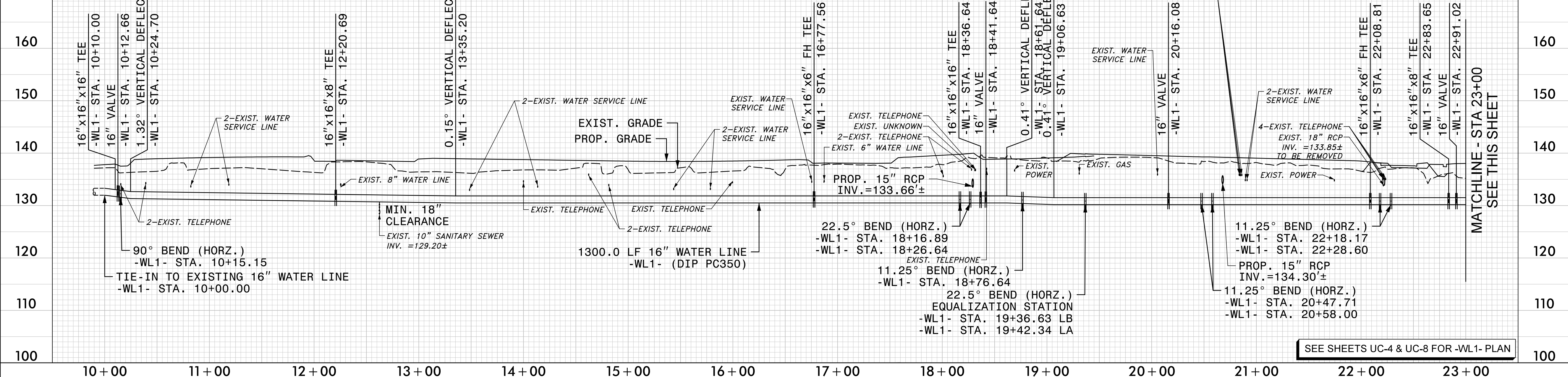
UTILITIES ENGINEERING SEC.
PHONE: (919) 707-6690
FAX: (919) 250-4151

11/6/2025

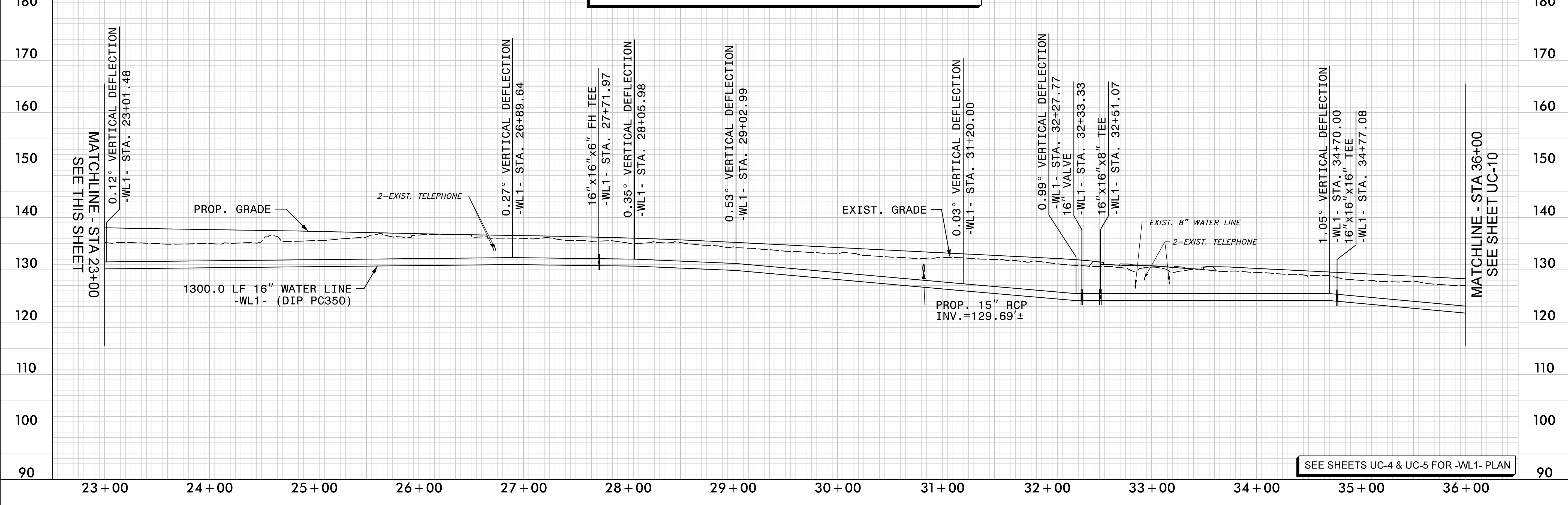
UTILITY CONSTRUCTION
PLANS ONLY



UTILITY CONSTRUCTION



PROP. 16" WATER LINE -WL1-
BERKLEY BOULEVARD



5/26/99

SCALE: 1" = 50' HORIZONTAL
1" = 10' VERTICAL

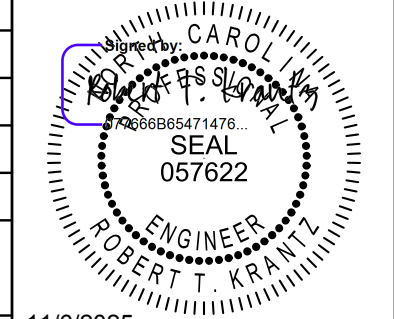
NOTES:
1. LOCATION AND DEPTHS OF EXISTING UTILITIES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOCATIONS AND DEPTHS PRIOR TO WATER LINE CONSTRUCTION.

PROP. 16" WATER LINE -WL1-
BERKLEY BOULEVARD

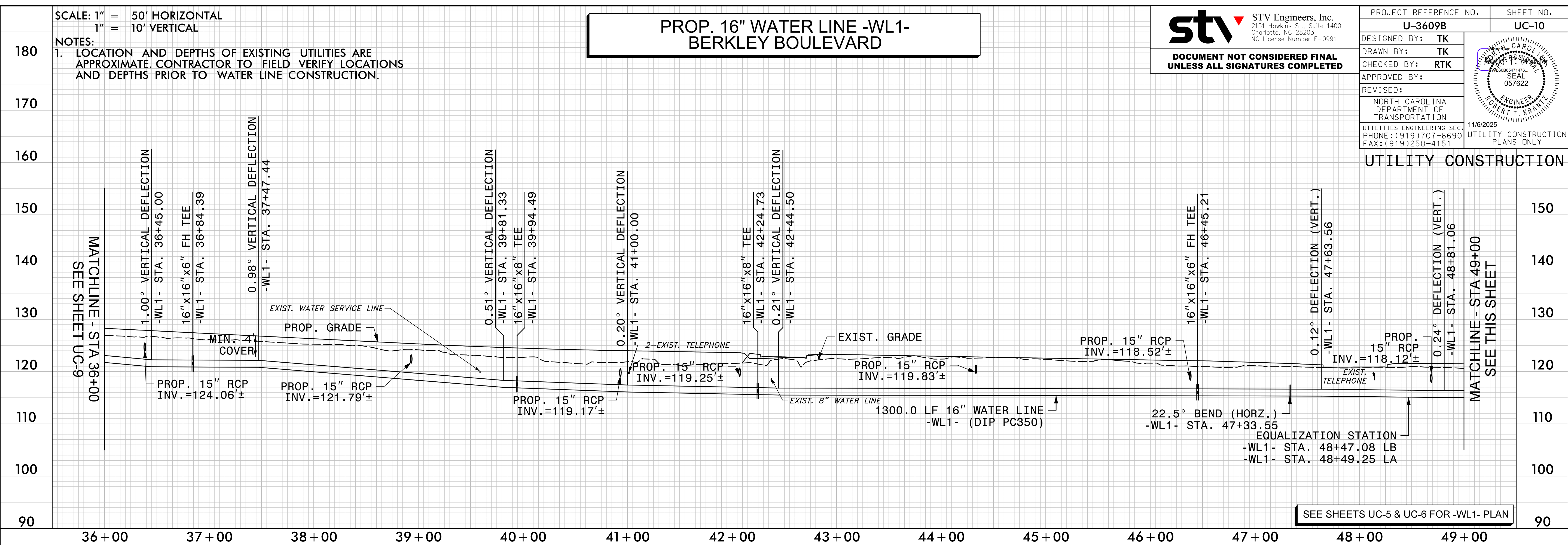


STV Engineers, Inc.
2151 Hawkins St., Suite 1400
Charlotte, NC 28203
NC License Number F-0991

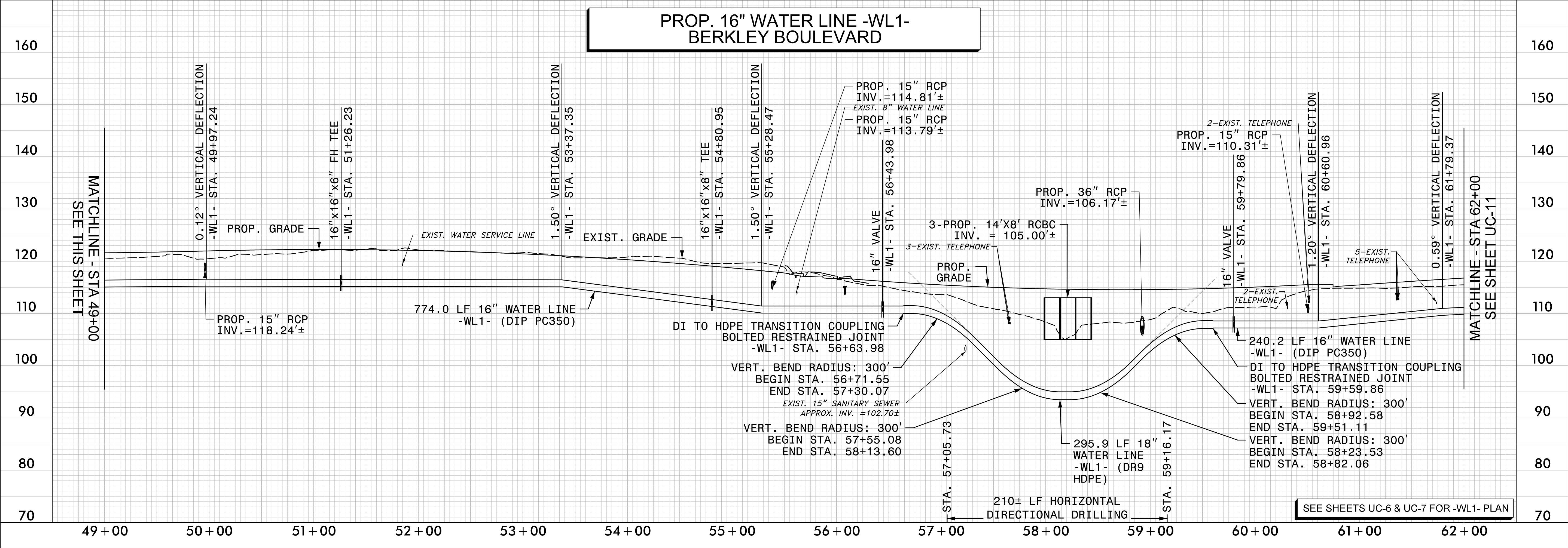
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

PROJECT REFERENCE NO. U-3609B		SHEET NO. UC-10
DESIGNED BY: TK		
DRAWN BY: TK		
CHECKED BY: RTK		
APPROVED BY:		
REVISED:	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151		11/6/2025 UTILITY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION



PROP. 16" WATER LINE -WL1-
BERKLEY BOULEVARD



I:\6/2025
R:\Utilities\Engineering\UC\Proj\SH\U-3609B_ut_UC10_psh.dgn
Krantz

5/26/99

SCALE: 1" = 50' HORIZONTAL
1" = 10' VERTICAL

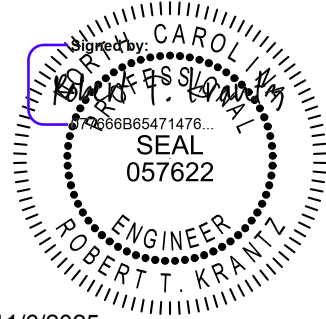
NOTES:
1. LOCATION AND DEPTHS OF EXISTING UTILITIES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOCATIONS AND DEPTHS PRIOR TO WATER LINE CONSTRUCTION.

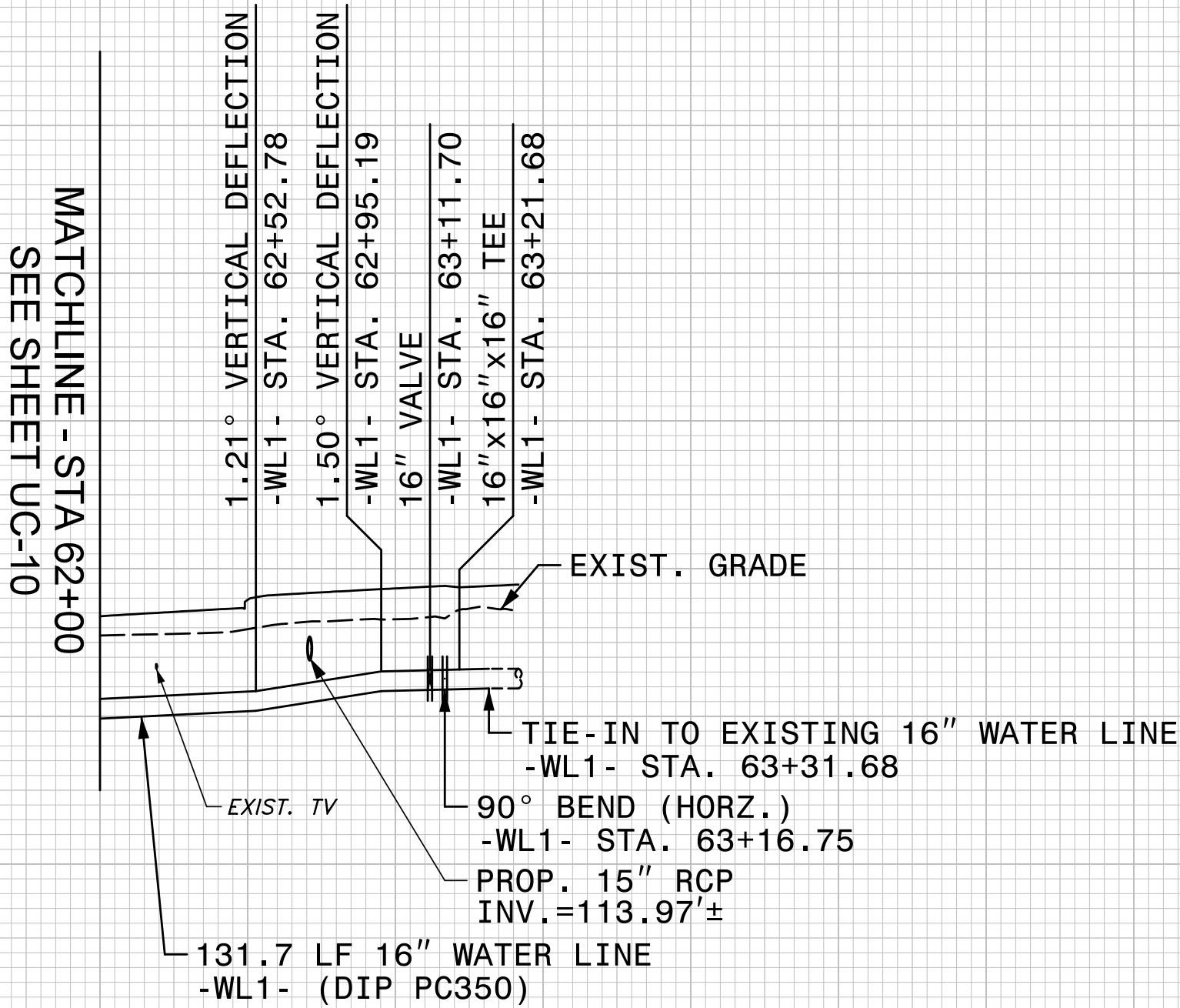
PROP. 16" WATER LINE -WL1-
BERKLEY BOULEVARD



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Charlotte, NC 28203
NC License Number F-0991

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PROJECT REFERENCE NO. U-3609B		SHEET NO. UC-11	
DESIGNED BY:	TK		
DRAWN BY:	TK		
CHECKED BY:	RTK		
APPROVED BY:			
REVISED:		NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151		11/6/2025 UTILITY CONSTRUCTION PLANS ONLY	



SEE SHEET UC-7 FOR -WL1- PLAN

UTILITY CONSTRUCTION

140

130

120

110

100

90

80

62 + 00

63 + 00

64 + 00

65 + 00

66 + 00

67 + 00

68 + 00

69 + 00

70 + 00

71 + 00

72 + 00

73 + 00

74 + 00

75 + 00