PROJECT -LOCATION

CORNELIUS

OWNER:

PROJECT ENGINEER:

GRAPHIC SCALES

PLANS

PROFILE (HORIZONTAL)

PROFILE (VERTICAL)

NCDOT CONTACT:

SEAN EPPERSON, P.E.

716 W. MAIN STREET

ALBEMARLE, NC 28001

NCDOT - DIVISION 10

CITY OF CHARLOTTE

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

PROJECT REFERENCE NO.

U-5873

UC-1

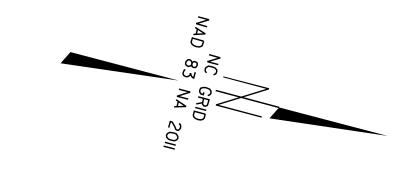
SHEET NO.

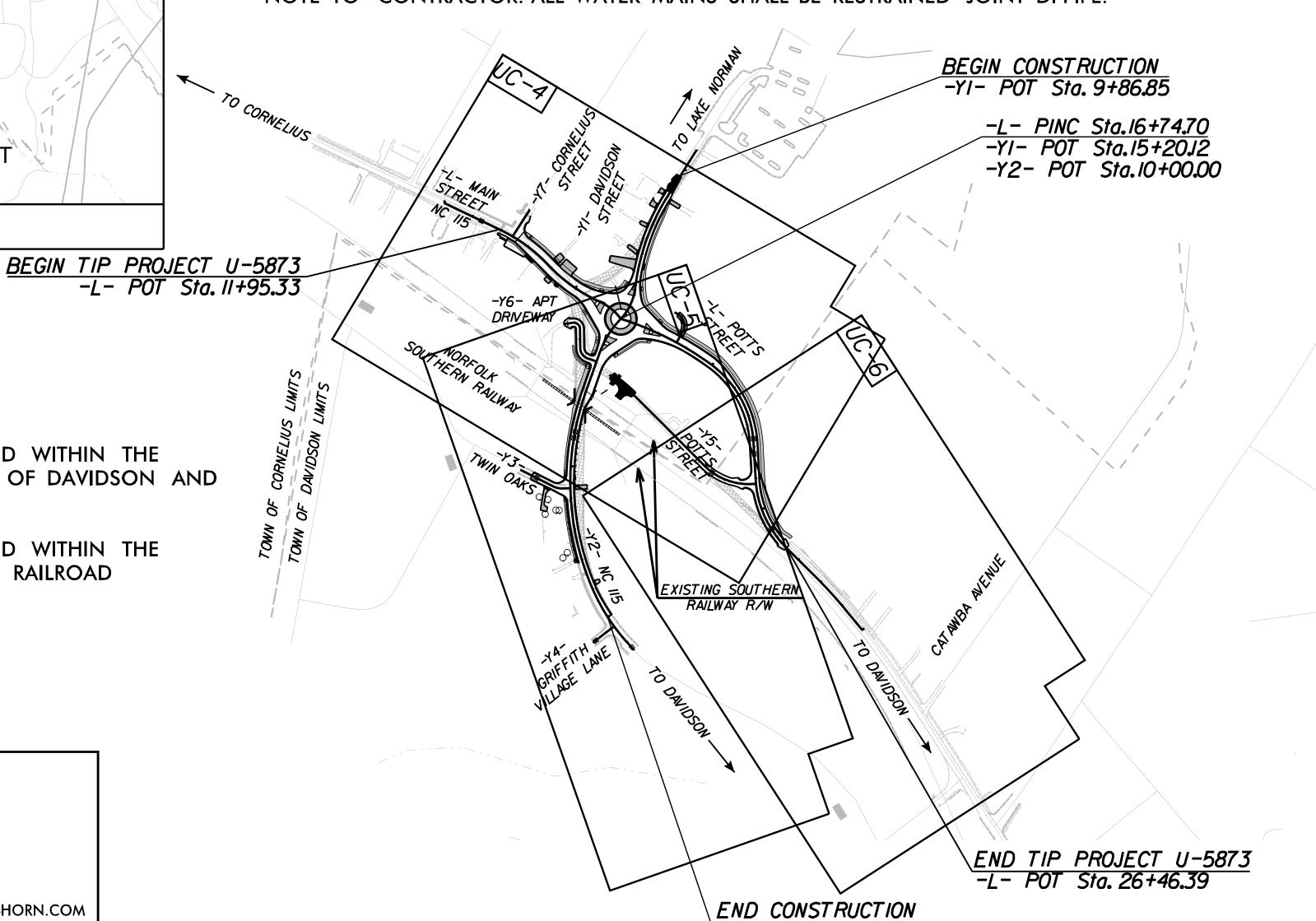
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

MECKLENBURG COUNTY

LOCATION: INTERSECTION OF NC 115/MAIN STREET AND POTTS STREET TYPE OF WORK: WATER AND SEWER MAIN RELOCATIONS

*NOTE TO CONTRACTOR: ALL WATER MAINS SHALL BE RESTRAINED JOINT DI PIPE.





UC-7 THRU UC-8

MATTHEW.SHOESMITH@KIMLEY_HORN.COM

200 SOUTH TRYON STREET, SUITE 200 CHARLOTTE, NORTH CAROLINA 28202

-END/

TOWN OF CORNELIUS

VICINITY MAP NOT TO SCALE

OFF SITE DETOUR ROUTE

A PORTION OF THIS PROJECT IS LOCATED WITHIN THE

A PORTION OF THIS PROJECT IS LOCATED WITHIN THE

RIGHT-OF-WAY OF NORFOLK SOUTHERN RAILROAD

CONTACT INFORMATION

CHUCK BLISS, P.E. (704) 995–7518

(704) 954–7490

CBLISS@CI.CHARLOTTE.NC.US

MATTHEW SHOESMITH, P.E.

MUNICIPAL BOUNDARIES OF THE TOWNS OF DAVIDSON AND

BEGIN PROJECT

PROJECT

POP. 8,168

UC-2A

SHEET NO.: **DESCRIPTION:** TITLE SHEET NCDOT SYMBOLOGY PERMIT SHEET GENERAL NOTES UC-3A THRU UC-3F STANDARD DETAILS UC-4 THRU UC-6 UTILITY CONSTRUCTION PLAN

INDEX OF SHEETS

UTILITY CONSTRUCTION PROFILE

UTILITY OWNERS

WATER - CHARLOTTE WATER SEWER – CHARLOTTE WATER

Kimley» Horn PLANS PREPARED FOR THE NCDOT BY: CHARLOTTE, NORTH CAROLINA 28202

2018 STANDARD SPECIFICATIONS

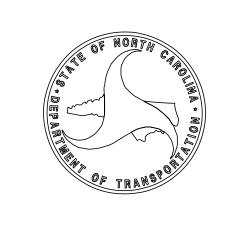
-Y2- POT Sta. 20+00.00

MATTHEW A. SHOESMITH, P.E. CONSULTANT CONTACT #1

SOPHIA J. JOHNSTON, E.I. CONSULTANT CONTACT #2 SEAN EPPERSON, P.E.

NCDOT CONTACT

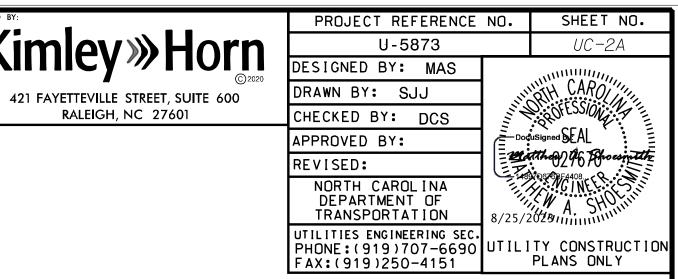






CHARLOTTE, NORTH CAROLINA

CHARLOTTE



UTILITY CONSTRUCTION

APPLICATION FOR NON-DISCHARGE PERMIT GRAVITY SEWER MAIN EXTENSION CHARLOTTE WATER

PROJECT NAME: NCDOT PROJECT U-5	803 POTTS-MAIN	CREEK BASIN McDowell
CLTWater PROJECT NO.: CPM-60-2	5-226	
<u>——</u>	CTION RELOCATION MODIFICATIO	N OF PERMIT NO.
ON 190 GAL/DAY/SINGLE FAMILY H	ATED BY THIS PROJECT: 0 OUSEHOLD X HOUSE X UNITS OR IS BASED O	GALLONS PER DAY BASED EHOLDS OR ON
WASTEWATER TREATMENT PLANT McALPINE CR. (NC0024970)	RECEIVING WASTEWATER: IRWIN CR. (NC0024945)	McDOWELL CR. (NC0036277)
SUGAR CR. (NC0024937)	MALLARD CR. (NC0030210)	ROCKY CR. (NC0036269
NATURE OF WASTEWATER100	% DOMESTIC% INDUSTRIAL% COMMERCIAL% OTHER	
SCH	BDIVISION COMMERCIAL HOOL INDUSTRIAL ARTMENTS/CONDO'S OTHER	
	CENTRATION THAT WILL BE GREATER THAI	N NORMAL DOMESTIC LEVELS:
F WASTEWATER IS NON-DOMESTIC	C, DESCRIBE LEVEL OF PRETREATMENT:	
HAS ENGINEER DETERMINED THAT PROJECT? YES	IATELY DOWNSTREAM	N STANDARDS ARE MET BY THIS
KIMLEY-HORN AND ASSOCIATES 200 SOUTH TRYON STREET #200		
CHARLOTTE, NORTH CAROLINA 28202		
TELEPHONE (704) 333-5131		
PROFESSIONAL ENGINEER'S CERTIFI I, MATTHEW SHOESMITH		N FOR McDowell Sewer Relocation AND IS ACCURATE AND COMPLETE TO THE
PREPARED IN ACCORDANCE WITH T PACKAGE MAY HAVE BEEN DEVELO	ER ATTEST THAT TO THE BEST OF MY KNOV THE APPLICABLE REGULATIONS. ALTHOUGH PED BY OTHER PROFESSIONALS, INCLUSION	WLEDGE THE PROPOSED DESIGN HAS BEEN HERE CERTAIN PORTIONS OF THIS SUBMITTAL
	NGINEER'S SEAL, SIGNATURE, AND DATE:	CARO CARO CESSION Docusigned TV AL Matthew A. Short And A. Short
CLTWater PERMIT NO	ISSUED	·annin.
PLANT FLOW ALLOCATION RECORD	ED BY:	
PERMIT APPROVED BY:		
	JOSEPH C WILSON, P.E., CHIEF ENGINEER	

APPLICATION FOR PERMIT FOR WATER MAIN EXTENSION

CLTWater PROJECT NO.:	CPM-60-25-226
PROJECT DESCRIPTION:	Replace approx. 313 LF of 6" DI PC 350, 1,182 LF of 8" DI
	PC 350, and 496 LF of 16" DI PC 350 Water Main and
	Appurtenances along new Potts-Main Roundabout.
DESIGNED BY: FIRM:	KIMLEY-HORN AND ASSOCIATES
ENGINEER:	MATTHEW SHOESMITH
ADDRESS:	200 SOUTH TRYON STREET #200
	CHARLOTTE, NORTH CAROLINA 28202
PHONE:	(704) 333-5131
NORTH CAROLINA GENER CLTWater HAS BEEN GRA 15A NCAC 18C.1801. TH AND SPECIFICATIONS AP OF CLTWater OR ITS AUT STATE OF NORTH CAROL	ADE UNDER AND IN FULL ACCORD WITH THE PROVISIONS OF CHAPTER 130A-317 OF TRAL STATUTES, AND SUCH OTHER STATUTES AS RELATED TO PUBLIC WATER SYSTEMS. ANTED AUTHORITY TO ISSUE PERMITS FOR EXTENSION OF WATER MAINS PURSUANT TO E APPLICANT AGREES THAT NO SIGNIFICANT CHANGE OR DEVIATION FROM THE PLAN PROVED BY CLTWater WILL BE MADE WITHOUT THE WRITTEN CONSENT AND APPROVED THE PROPESSIONAL ENGINEER LICENSED TO PRACTICE IN THE SHALL SUBMIT A STATEMENT REFLECTING THAT ADEQUATE OBSERVATIONS DURING FOONSTRUCTION INDICATES THAT CONSTRUCTION WAS COMPLETED IN ACCORDA
WITH APPROVED PLANS	AND SPECIFICATIONS.
WITH APPROVED PLANS	AND SPECIFICATIONS.

JOSEPH C WILSON, P.E., CHIEF ENGINEER CHARLOTTE WATER 5100 BROOKSHIRE BLV

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 2018.
- 2. THE EXISTING WATER AND SEWER UTILITIES BELONG TO CHARLOTTE WATER.
- 3. ALL WATER LINES SHALL BE INSTALLED IN COMPLIANCE WITH THE RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY. DIVISION OF WATER RESOURCES, PUBLIC WATER SUPPLY SECTION. ALL SEWER LINES SHALL BE INSTALLED IN COMPLIANCE WITH THE RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF WATER RESOURCES, WATER QUALITY SECTION. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH 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 UNLESS AUTHORIZED BY THE ENGINEER. AGREEMENTS BETWEEN THE UTILITY OWNER AND CONTRACTOR FOR WORK THAT IS NOT PART OF THIS CONTRACT OR IS SECONDARY TO THIS CONTRACT ARE ALLOWED, BUT ARE NOT BINDING UPON THE DEPARTMENT.
- 5. CONTRACTOR SHALL PROVIDE ACCESS FOR DEPARTMENT PERSONNEL AND 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, AND 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. CONTRACTOR SHALL MAKE INVESTIGATIONS TO DETERMINE EXACT LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING FACILITIES AS NECESSARY FOR THE CONSTRUCTION OF THE PROPOSED UTILITIES AND TO AVOID DAMAGE TO EXISTING FACILITIES. CONTRACTOR SHALL REPAIR ANY DAMAGE INCURRED TO EXISTING FACILITIES TO ORIGINAL OR BETTER CONDITION AT NO ADDITIONAL COST TO THE DEPARTMENT NOR OWNER.
- 7. CONTRACTOR SHALL 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. CONTRACTOR SHALL 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, OR 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.
- 10. CONTRACTOR TO INVESTIGATE AND DOCUMENT ON ASBUILTS THE SERVICE LINE MATERIAL FOR BOTH PUBLIC AND PRIVATE SIDE OF WATER METERS. PROMPTLY NOTIFY THE ENGINEER OF ANY LEAD, GALVANIZED STEEL, OR LEAD GOOSENECKS ENCOUNTERED DURING CONSTRUCTION.

PROJECT SPECIFIC NOTES:

- 1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH CHARLOTTE WATER STANDARD DETAILS AND THE PROJECT SPECIAL PROVISIONS.
- 2. THE UTILITY OWNER OWNS THE EXISTING UTILITY FACILITIES AND WILL OWN THE NEW UTILITY FACILITIES AFTER ACCEPTANCE BY CHARLOTTE WATER REPRESENTATIVE.
- 3. ALL SHORING SHALL BE IN ACCORDANCE WITH OSHA TRENCHING STANDARDS PART 1926, SUBPART B, AS AMENDED TO DATE.
- 4. ANY NECESSARY LANE CLOSURES SHALL FOLLOW GUIDELINES OUTLINED IN THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- 5. IF THE PROPOSED WATER AND/OR SANITARY SEWER MAIN IS INSTALLED WITHIN 12" IN ANY DIRECTION (VERTICALLY OR HORIZONTALLY) OF A GAS MAIN, THE CONTRACTOR SHALL NOTIFY PIEDMONT NATURAL GAS COMPANY (704-525-5585).
- 6. THE CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES AS DIRECTED.
- 7. IF ADDITIONAL WORK SPACE IN NEEDED, AN ENCROACHMENT SHALL BE AGREED UPON BETWEEN CONTRACTOR AND PROPERTY OWNER.
- 8. THE LOCATION OF EXISTING UTILITIES SHOWN ON THE PLANS IS FOR THE USE OF THE CONTRACTOR IN PROVIDING PROTECTION FOR THE UTILITIES DURING CONSTRUCTION OPERATIONS. NCDOT, DESIGN CONSULTANT, AND/OR AGENT SHALL NOT BE HELD RESPONSIBLE FOR THE ACCURACY OF LOCATION, SIZE, DEPTH, OR COMPLETENESS OF THE INFORMATION. THE CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
- 9. CONTRACTOR SHALL SUPPORT AND PROTECT ANY EXISTING UNDERGROUND UTILITIES ENCOUNTERED DURING TRENCH EXCAVATION AND/OR PIPE INSTALLATION.
- 10.10-FEET HORIZONTAL SEPARATION OR 18 INCHES VERTICAL SEPARATION SHALL BE MAINTAINED BETWEEN WATER MAINS OVER SEWER MAINS. WHEN WATER MAINS ARE BELOW SEWER MAINS OR MINIMUM SEPARATIONS CANNOT BE MAINTAINED, DUCTILE IRON PIPE SHALL BE USED FOR BOTH MAINS TO 10-FEET ON EITHER SIDE OF THE CROSSING, AND ALL ALONG THE LENGTH OF THE MAINS WHERE THE MINIMUM SEPARATION CANNOT BE MAINTAINED.
- 11. CHARLOTTE WATER SHALL BE NOTIFIED TWO WEEKS PRIOR TO THE BEGINNING OF WATER AND/OR SANITARY SEWER WORK. CONTACT CHARLOTTE WATER TO PROVIDE NOTIFICATION.
- 12. WATER AND SEWER LINES SHALL REMAIN ACTIVE DURING CONSTRUCTION.
- 13. SANITARY SEWER LATERAL LOCATIONS ARE APPROXIMATE AND SUBJECT TO RELOCATION DUE TO FIELD CONDITIONS. ALL 4" SANITARY SEWER LATERALS SHALL HAVE A MIN. 1% SLOPE.
- 14. ALL PROPOSED WATER LINES, UNLESS OTHERWISE INDICATED ON THE PLANS, SHALL BE RESTRAINED JOINT DUCTILE IRON PIPE PRESSURE CLASS 350. ALL PROPOSED SEWER LINES, UNLESS OTHERWISE INDICATED ON THE PLANS, SHALL BE CEMENTIOUS-LINED PUSH-ON JOINT DUCTILE IRON PIPE PRESSURE CLASS 350.
- 15. ALL PROPOSED WATER AND SEWER LINES SHALL BE TESTED IN ACCORDANCE WITH CHARLOTTE WATER STANDARD SPECIFICATIONS.
- 16. CONTRACTOR SHALL MINIMIZE SHUTDOWN TIMES OF WATER AND SEWER FACILITIES, AND COORDINATE WITH CHARLOTTE WATER AND THE LOCAL FIRE DEPARTMENT.
- 17. UTILITY OWNERS ON THS PROJECT ARE DUKE ENERGY, AT&T (COMMUNICATIONS), CHARTER (CATV), PIEDMONT NATURAL GAS, CITY OF CHARLOTTE (WATER AND SEWER), ELECTRICITIES OF NC, SPECTURM, DUKE NET, WINDSTREAM, SEGRA, MCNC, CONTERRA, CENTURY LINK, DOMINION ENERGY (GAS), TDS CONTINUUM (COMMUNICATIONS), ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS, EXCEPT AS SHOWN ON PLANS.



PROJECT REFERENCE	NO.	SHEET NO.
U-5873		<i>UC-3</i>
DESIGNED BY: MAS		MINIMINI.
DRAWN BY: SJJ	nununininininininininininininininininin	STALL CAROL
CHECKED BY: DCS	111	OF ESSION AND THE
APPROVED BY:	11111	SEAL \
REVISED:		Morth Washington
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		A.10 (2023
UTILITIES ENGINEERING SEC. PHONE: (919)707-6690 FAX: (919)250-4151	UTILI	TY CONSTRUCTION

UTILITY CONSTRUCTION

GENERAL SEQUENCE:

- 1. FOR EACH WATER LINE AND SEWER LINE RELOCATION, THE CONTRACTOR SHALL PROVIDE THE UTILITY OWNER WITH A DETAILED INSTALLATION, CONNECTION, AND SERVICE INTERRUPRTION PLAN FOR APPROVAL AT LEAST SEVEN (7) DAYS PRIOR TO THE RELOCATION. AT A MINIMUM, EACH PLAN SHALL ADDRESS THE FOLLOWING:
 - A. SEQUENCE OF CONSTRUCTION OPERATIONS.
 - B. PROCEDURE FOR FLUSHING, TESTING, AND DISINFECTION OF ALL AFFECTED PIPING AND VALVES, AS REQUIRED BY THE UTILITY OWNER.
 - C. PHASING AND SCHEDULE FOR ALL CONNECTIONS, INCLUDING PLANNED SERVICE OUTAGES, DURATION, AND CONTINGENCY PLAN.
- 2. NO INTERRUPTION OF SERVICE WILL BE PERMITTED UNTIL THE FOREGOING PLAN HAS BEEN APPROVED BY THE UTILITY OWNER. THE UTILITY OWNER'S PERSONNEL SHALL WITNESS THE OPERATION OF THE UTILITY OWNER'S EXISTING FACITLITIES INVOLVED IN THE INTERRUPTIONS OF SERVICE.
- 3. PLANNED SERVICE CONNECTION INTERRUPTIONS SHALL LAST NO LONGER THAN 8 HOURS UNLESS OTHERWISE APPROVED BY THE UTILITY OWNER. ALL INTERRUPTIONS OF SERVICES SHALL BE COORDINATED WITH AND SCHEDULED AT TIMES ACCEPTABLE TO THE UTILITY OWNER.
- 4. WRITTEN WATER SERVICE INTERRUPTION NOTICES SHALL BE PROVIDED TO ALL AFFECTED CUSTOMERS AT LEAST 72 HOURS PRIOR TO EACH PLANNED INTERRUPTION.

421 FAYETTEVILLE STREET, SUITE 600 RALEIGH, NC 27601 PROJECT REFERENCE NO. SHEET NO.

U-5873

DESIGNED BY: MAS

DRAWN BY: SJJ

CHECKED BY: DCS

APPROVED BY:

REVISED:

NORTH CAROLINA
DEPARTMENT OF
TRANSPORTATION 8

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

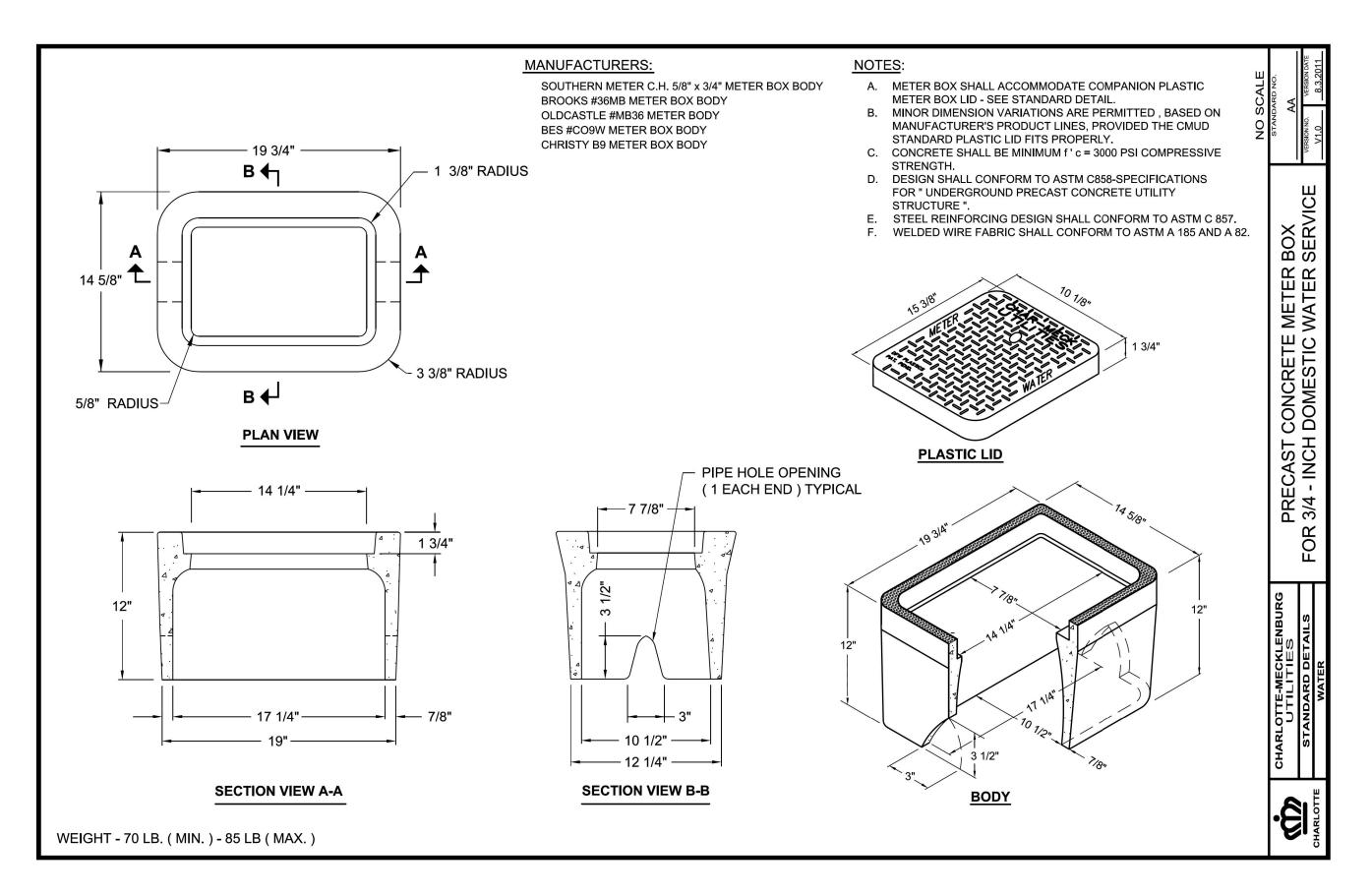
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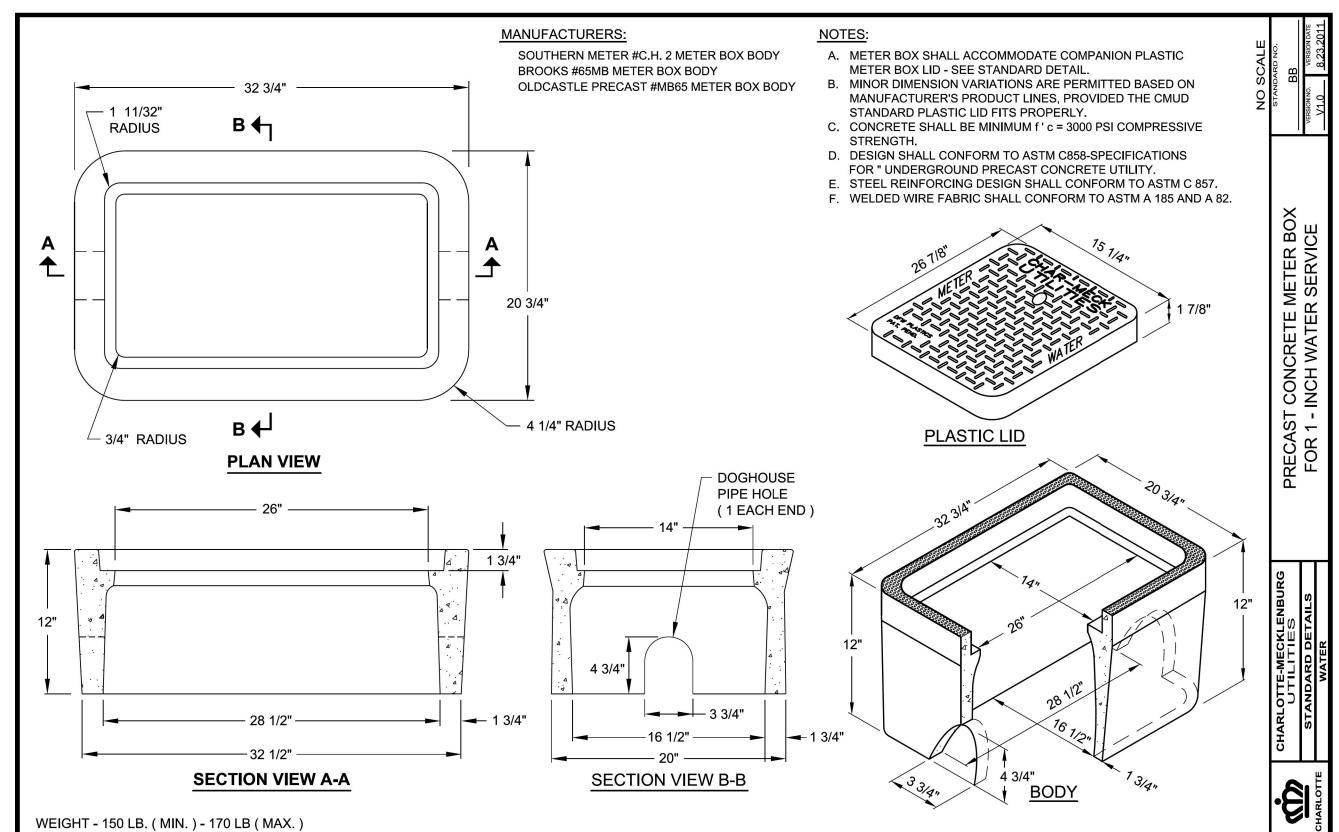
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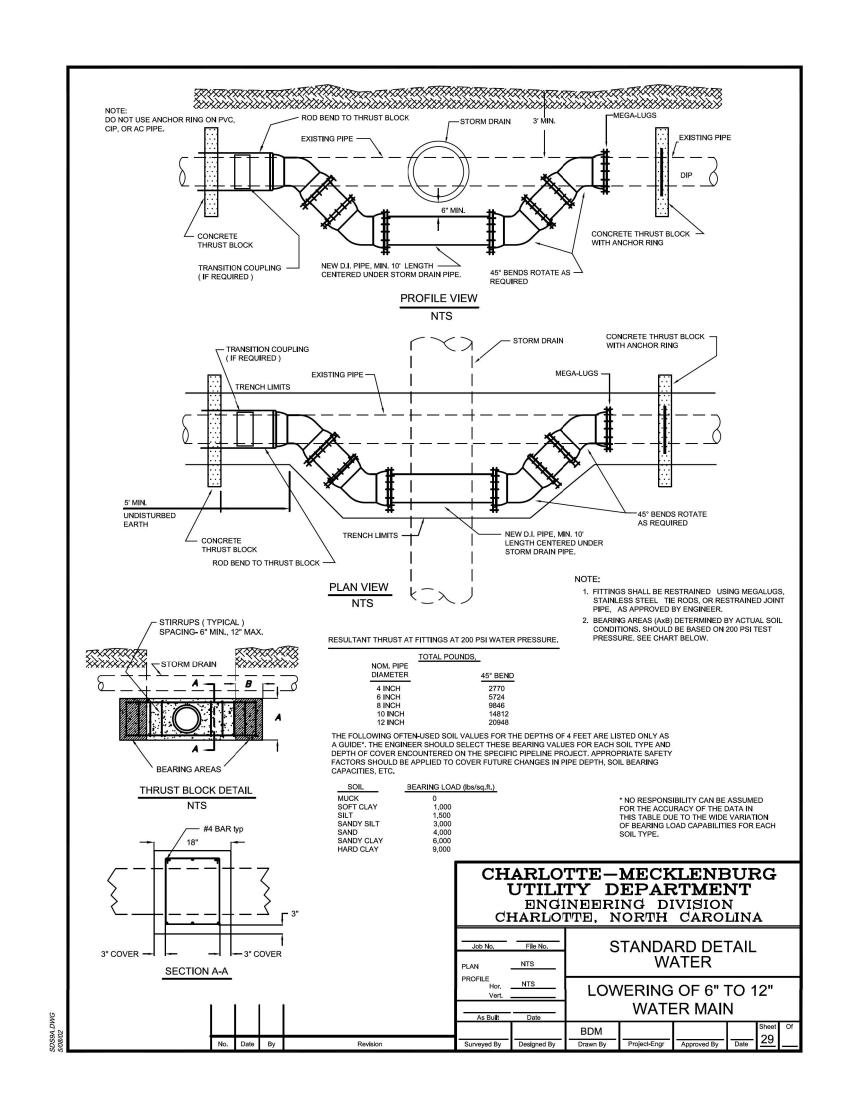
UC-3A

UC-3A

LAC-3A



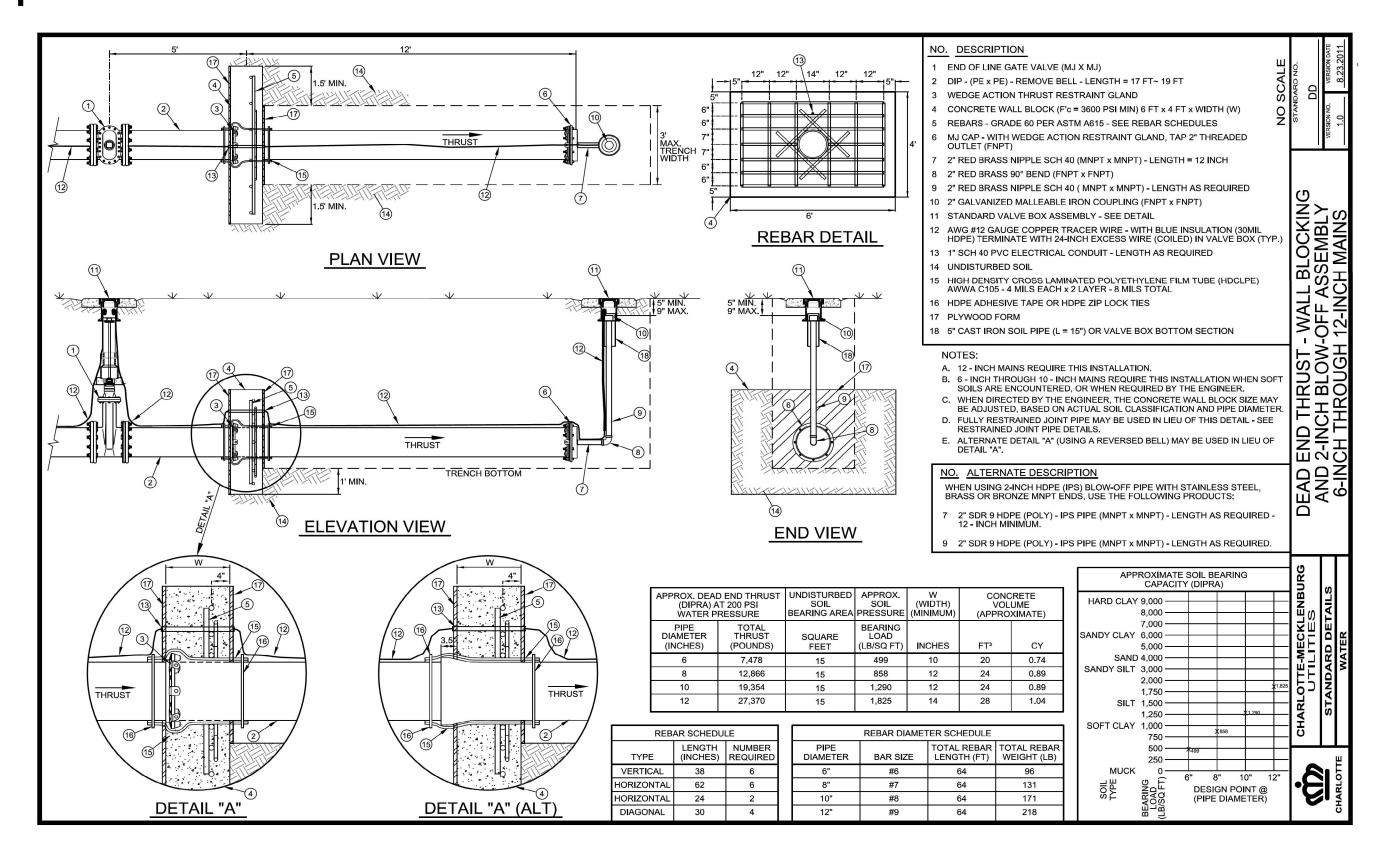


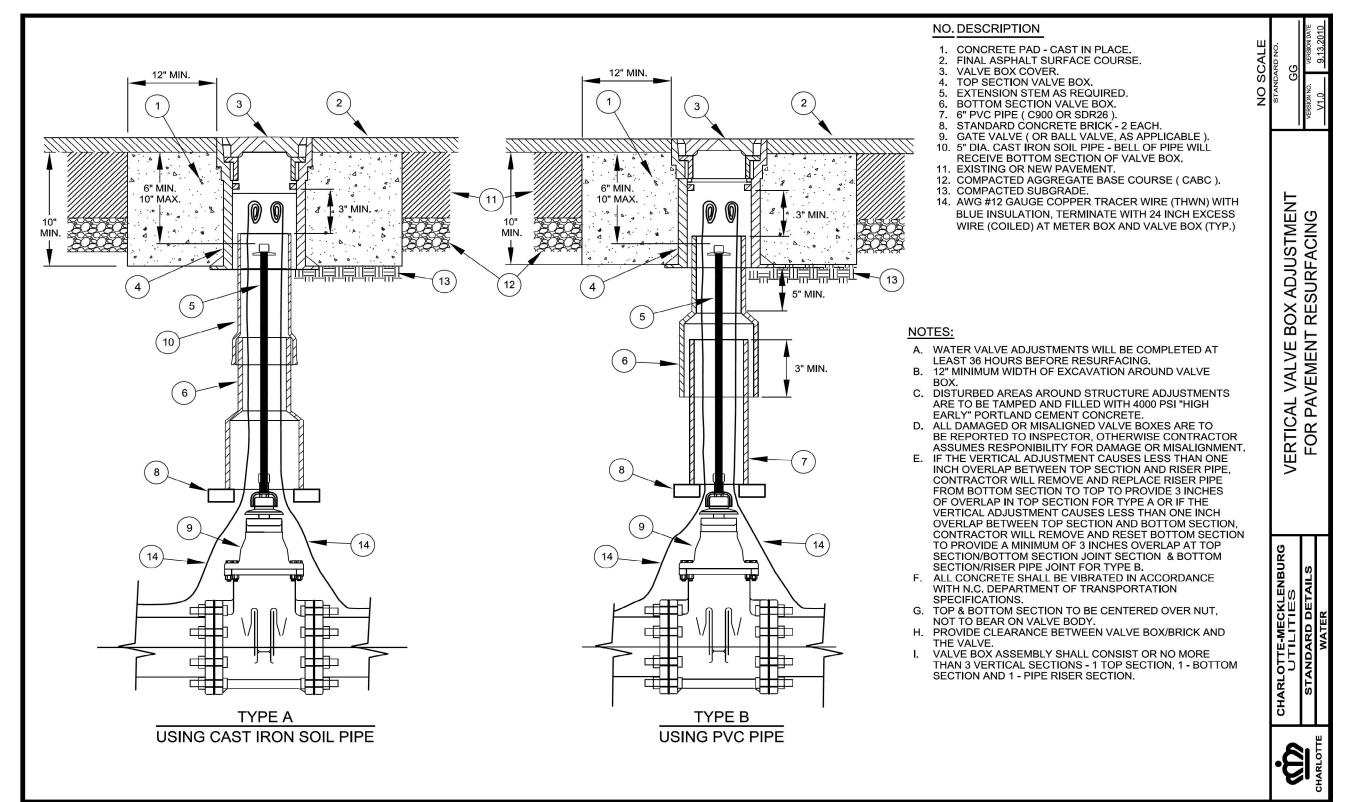


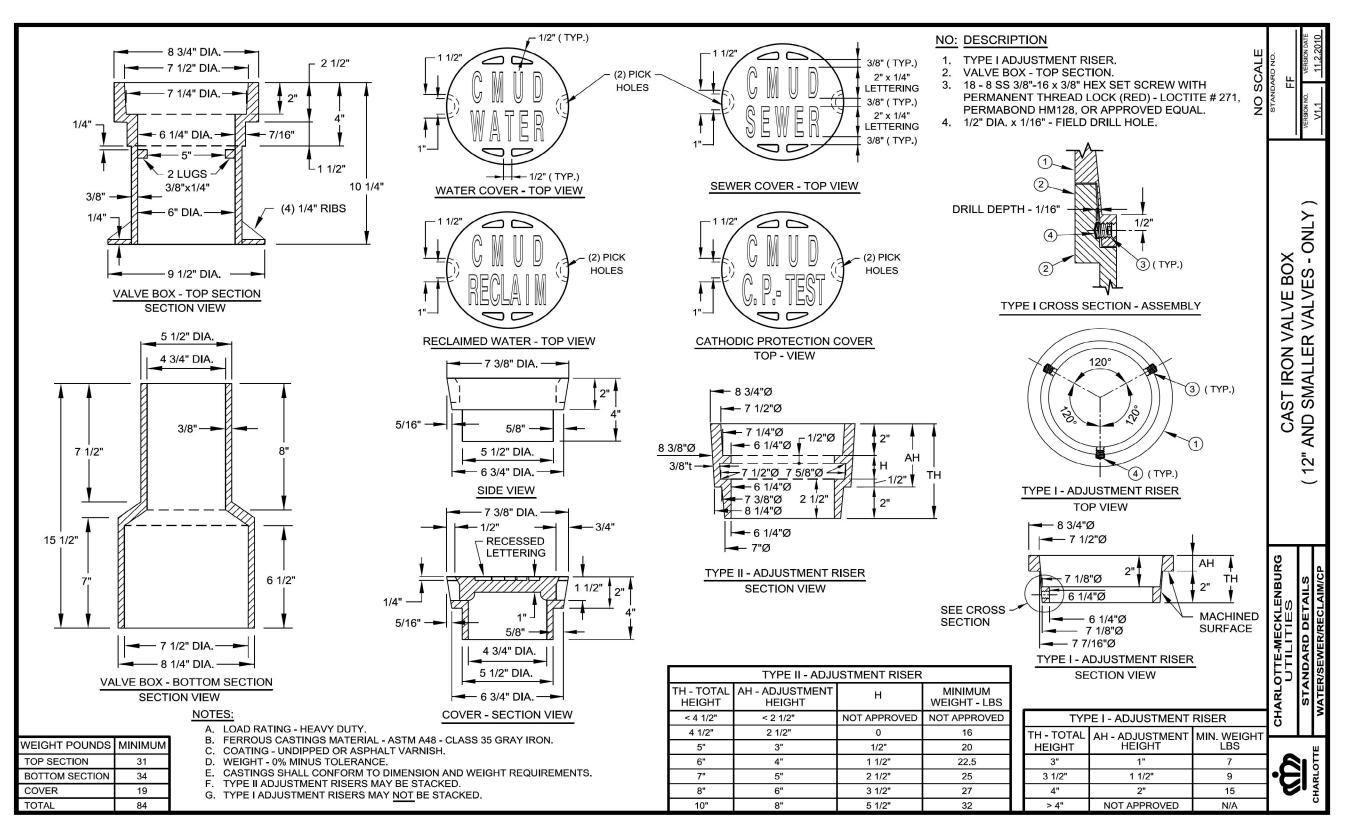
RALEIGH, NC 27601

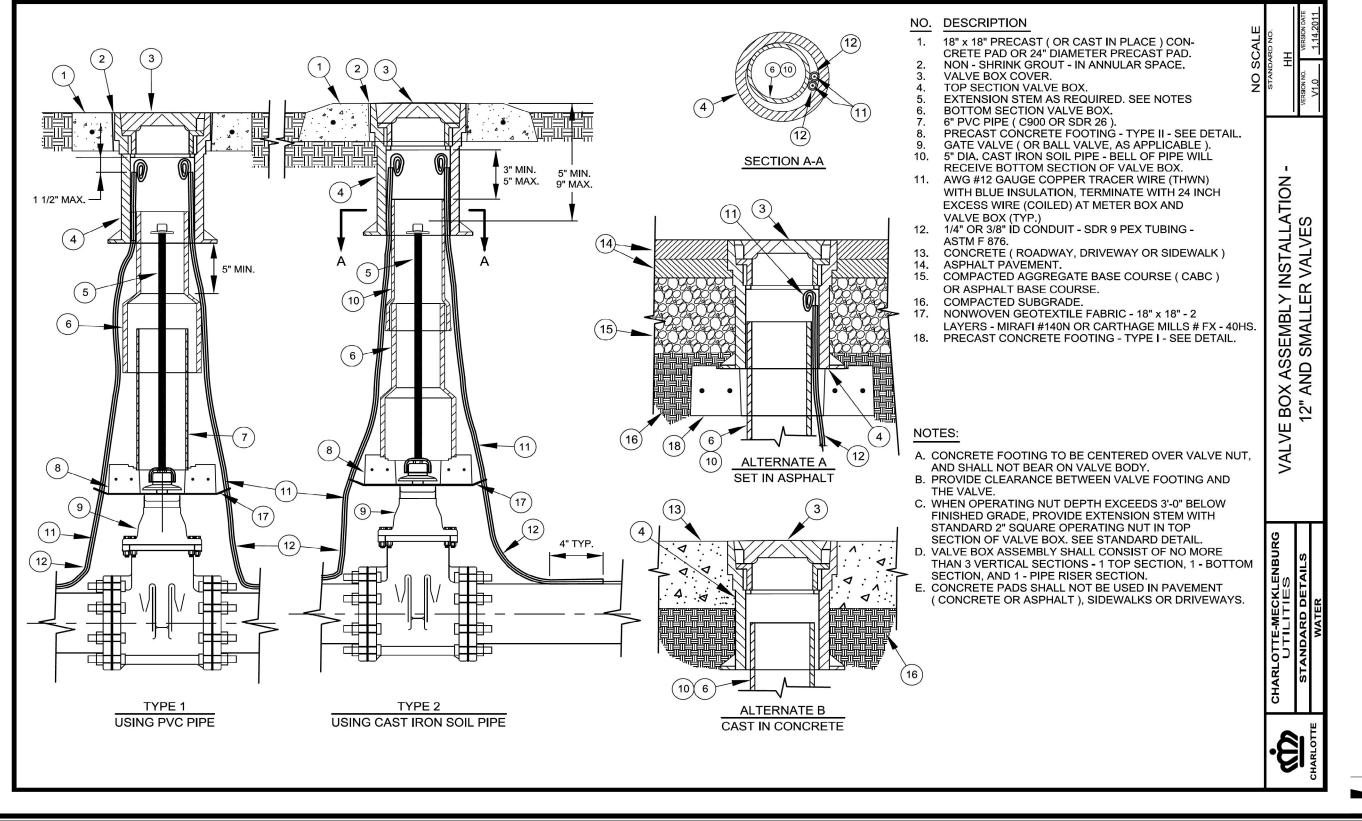
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UTILITY CONSTRUCTION





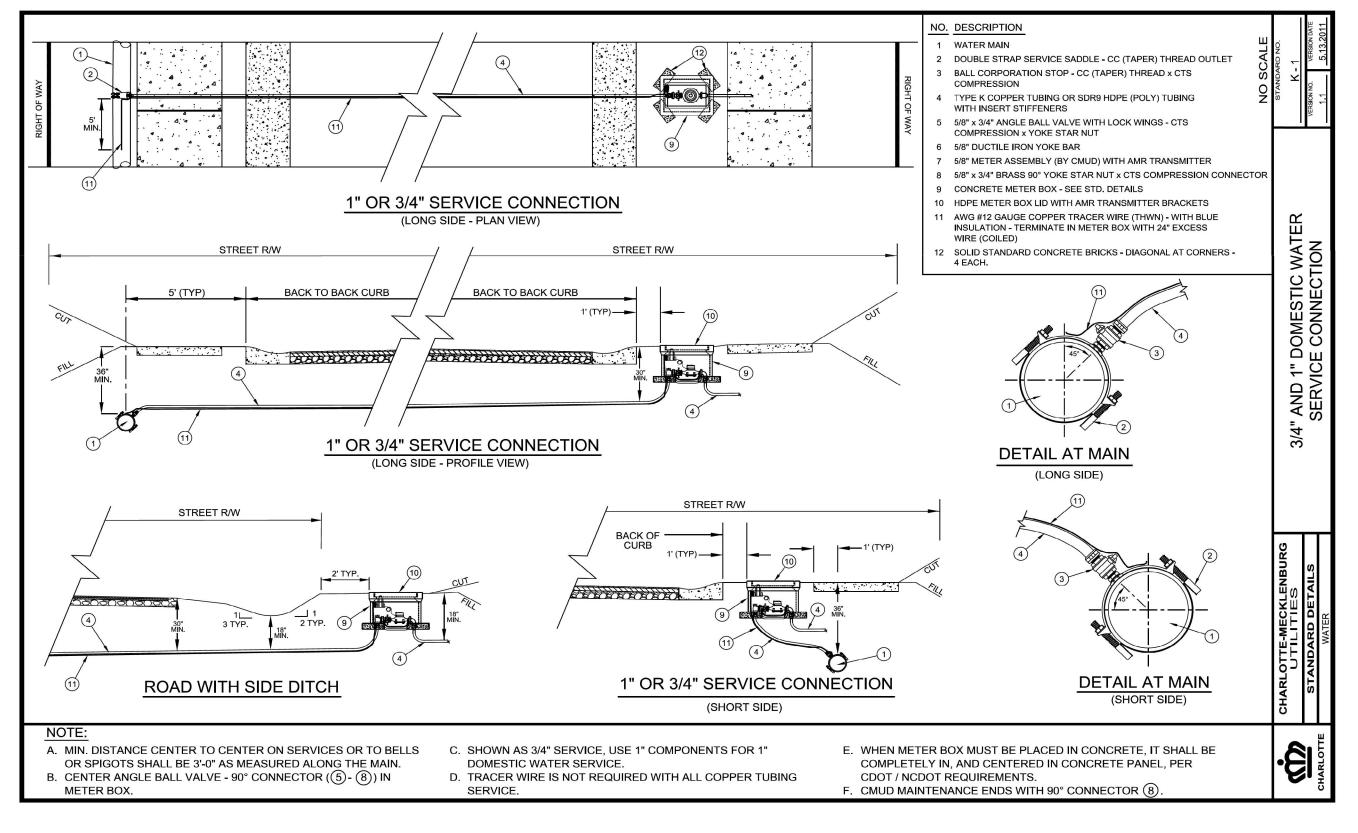


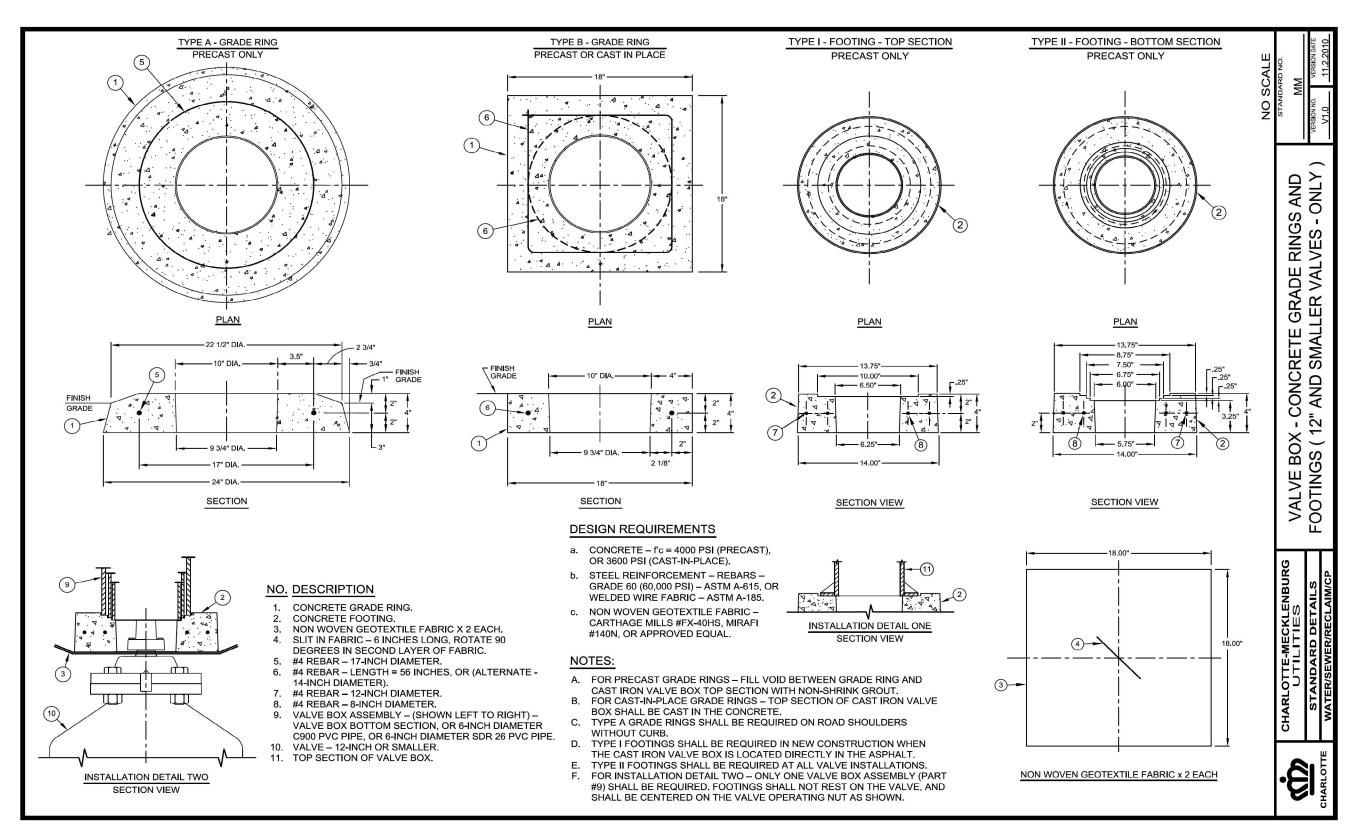


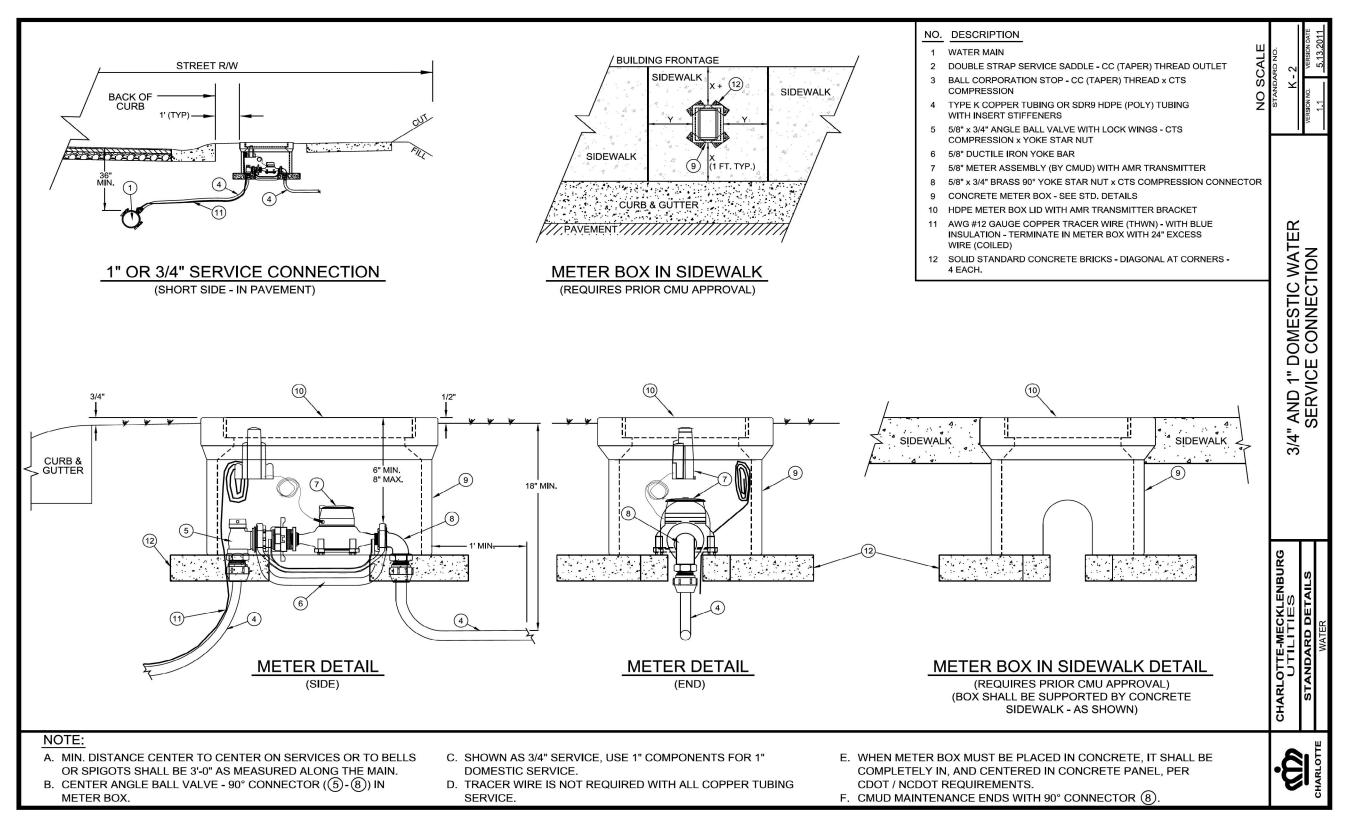
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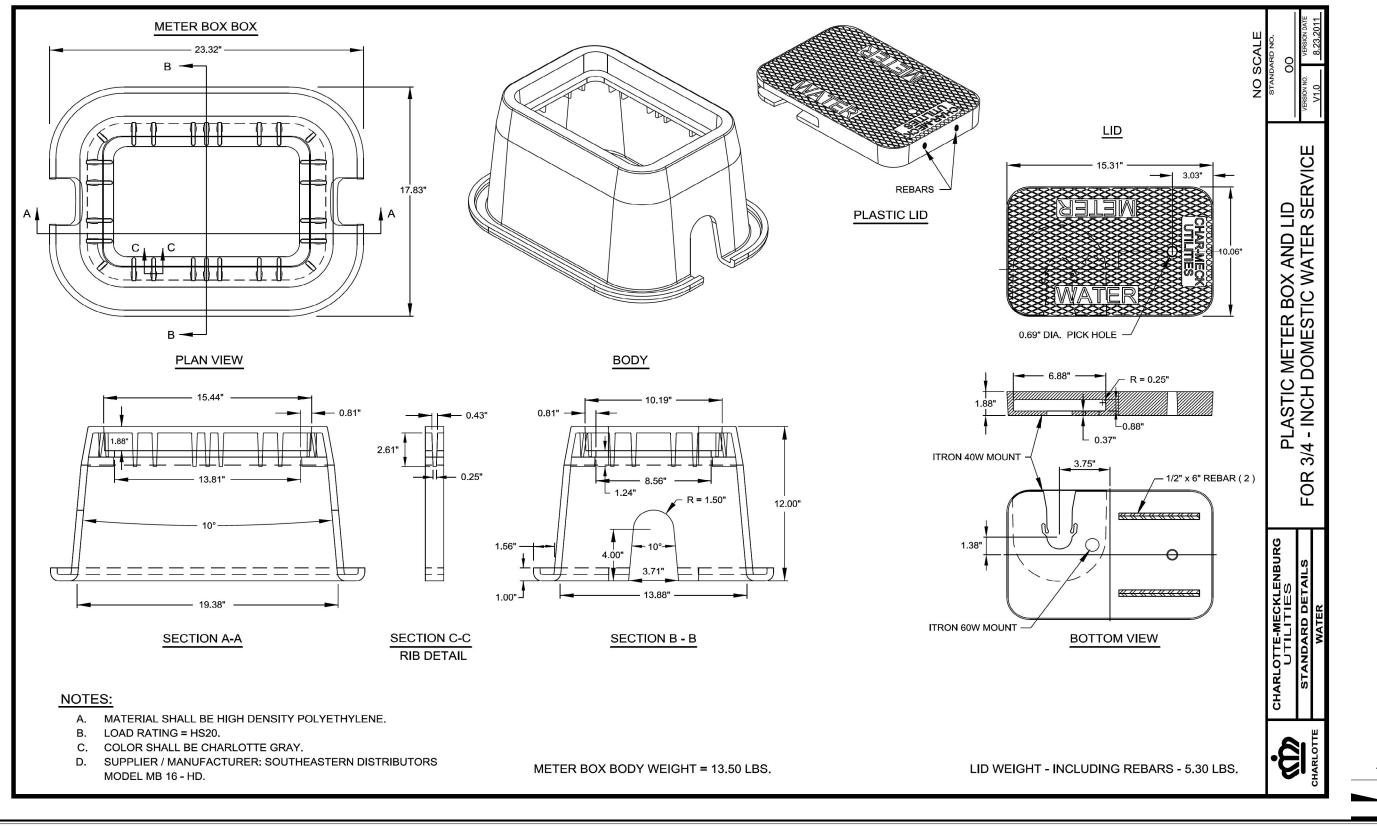
RALEIGH, NC 27601

PROJECT REFERENCE NO. SHEET NO. UC-3C U-5873 DESIGNED BY: MAS DRAWN BY: SJJ CHECKED BY: DCS APPROVED BY: REVISED: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC PHONE: (919)707-6690 UTILITY CONSTRUCTION PLANS ONLY FAX: (919)250-4151









Kimley» Horn
©2020

421 FAYETTEVILLE STREET, SUITE 600
RALEIGH, NC 27601

PROJECT REFERENCE NO. SHEET NO.

U-5873

DESIGNED BY: MAS

DRAWN BY: SJJ

CHECKED BY: DCS

APPROVED BY:

REVISED:

NORTH CAROLINA
DEPARTMENT OF
TRANSPORTATION

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

PLANS ONLY

UTILITY CONSTRUCTION

-COMPACTED

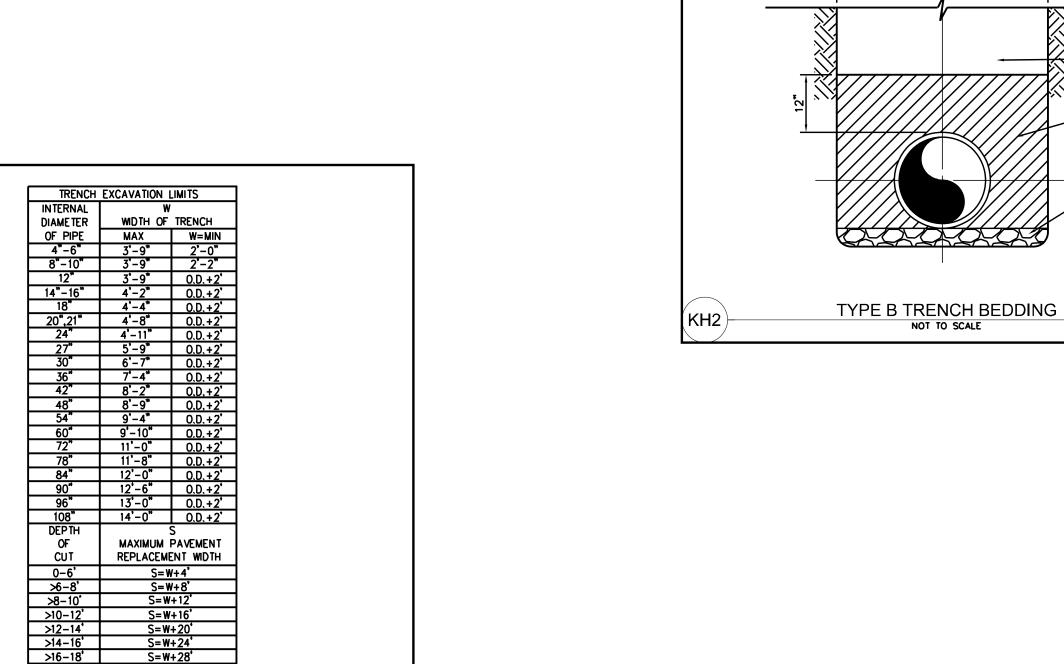
- SELECT BACKFILL (NO MATERIAL LARGER THAN

-#57 STONE, 1/8 PIPE OD BELOW

PIPE (MIN 8")

BACKFILL

1-1/2")



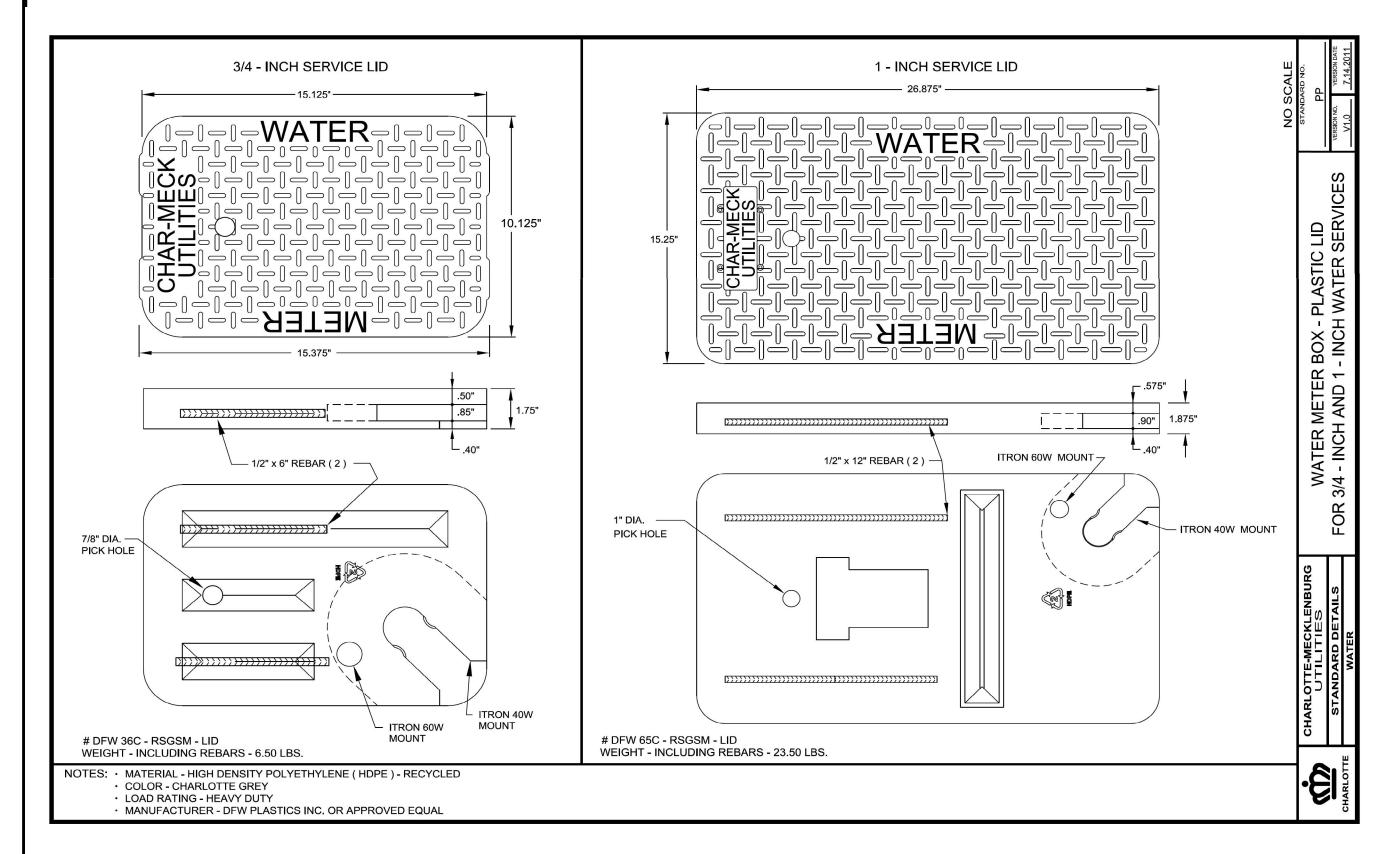
S=W+32°

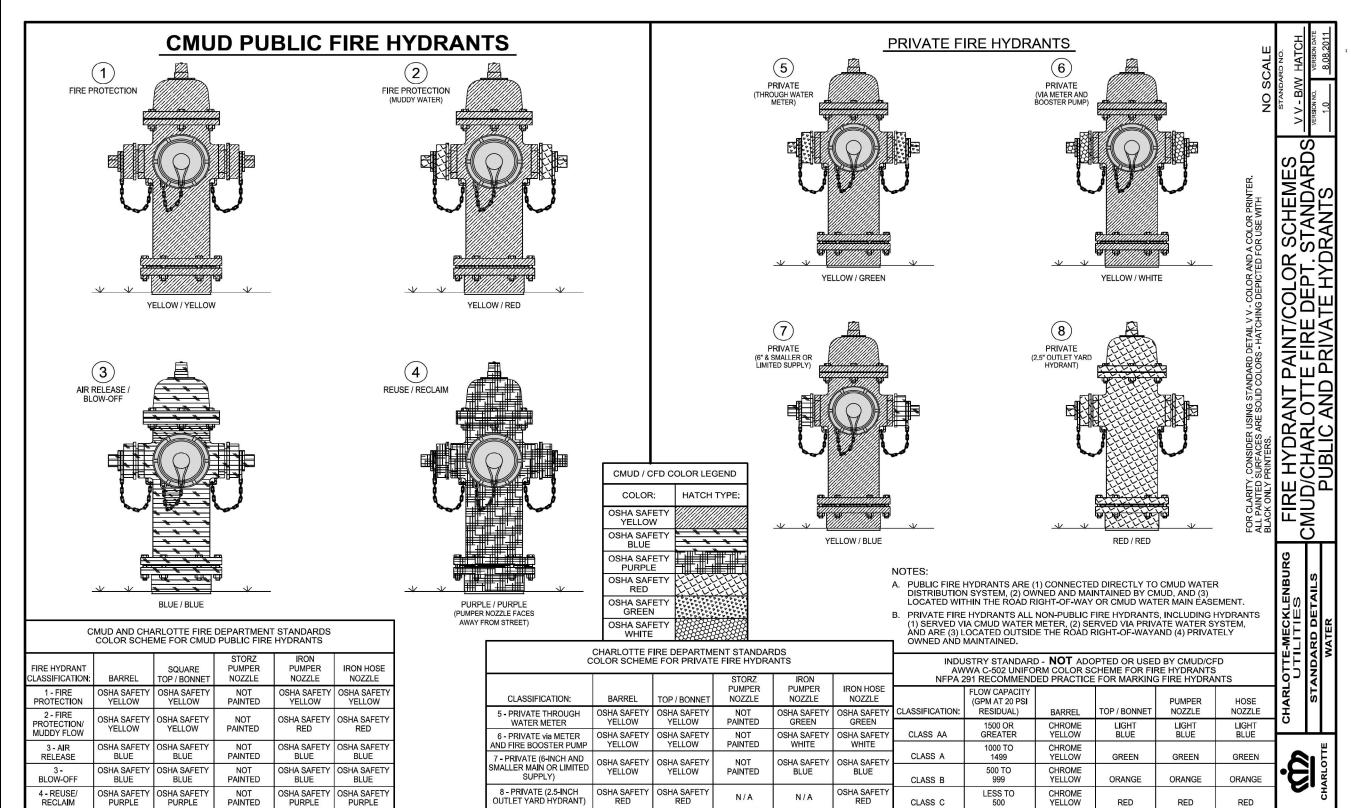
W = TRENCH WIDTH AT BOTTOM OF PIPE, TRENCH SIDE SLOPES SHALL

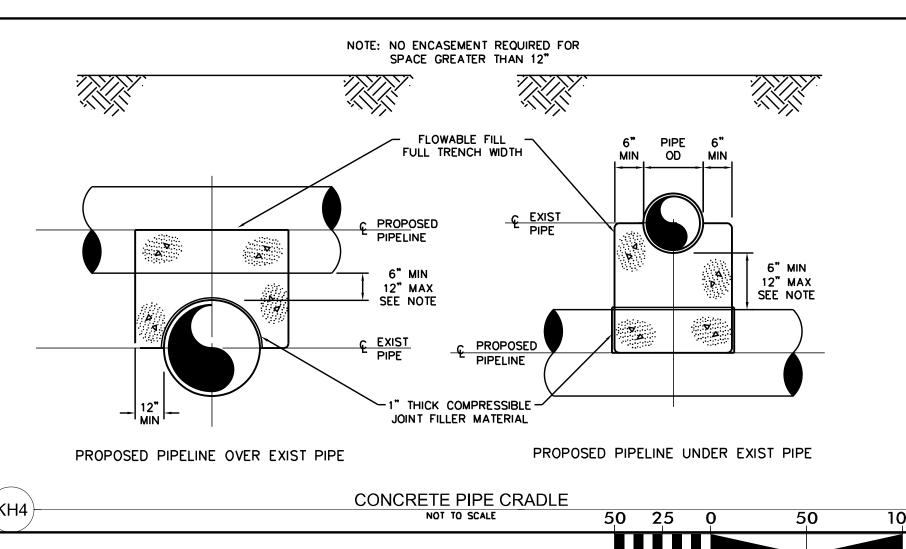
BE IN ACCORDANCE WITH OSHA

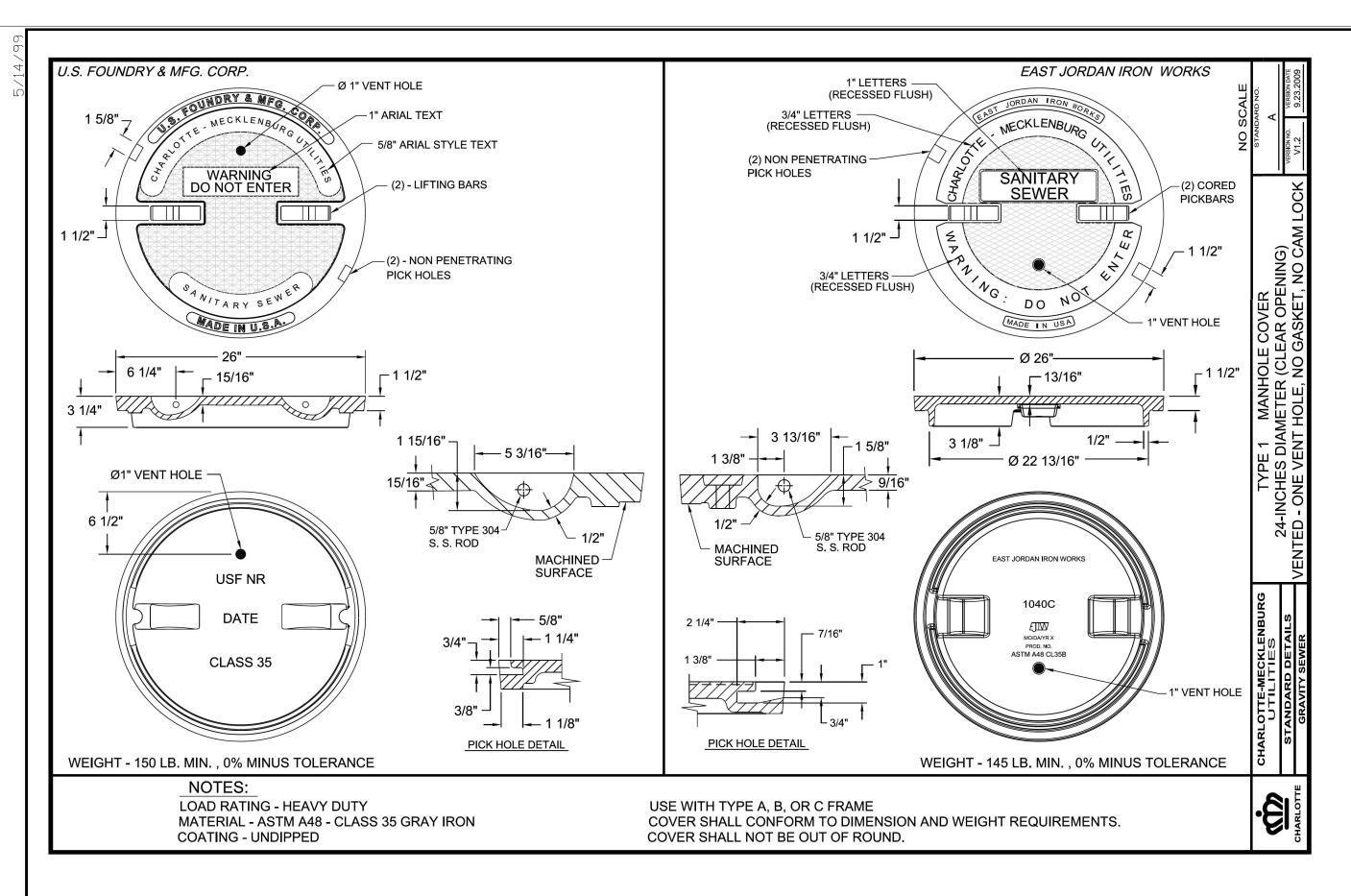
TRENCH EXCAVATION LIMITS

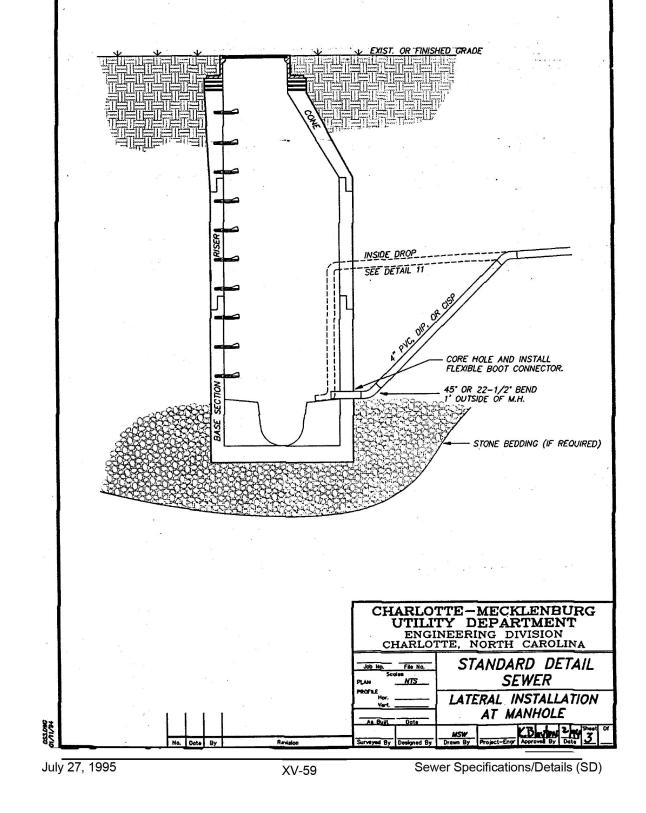
REQUIREMENTS.

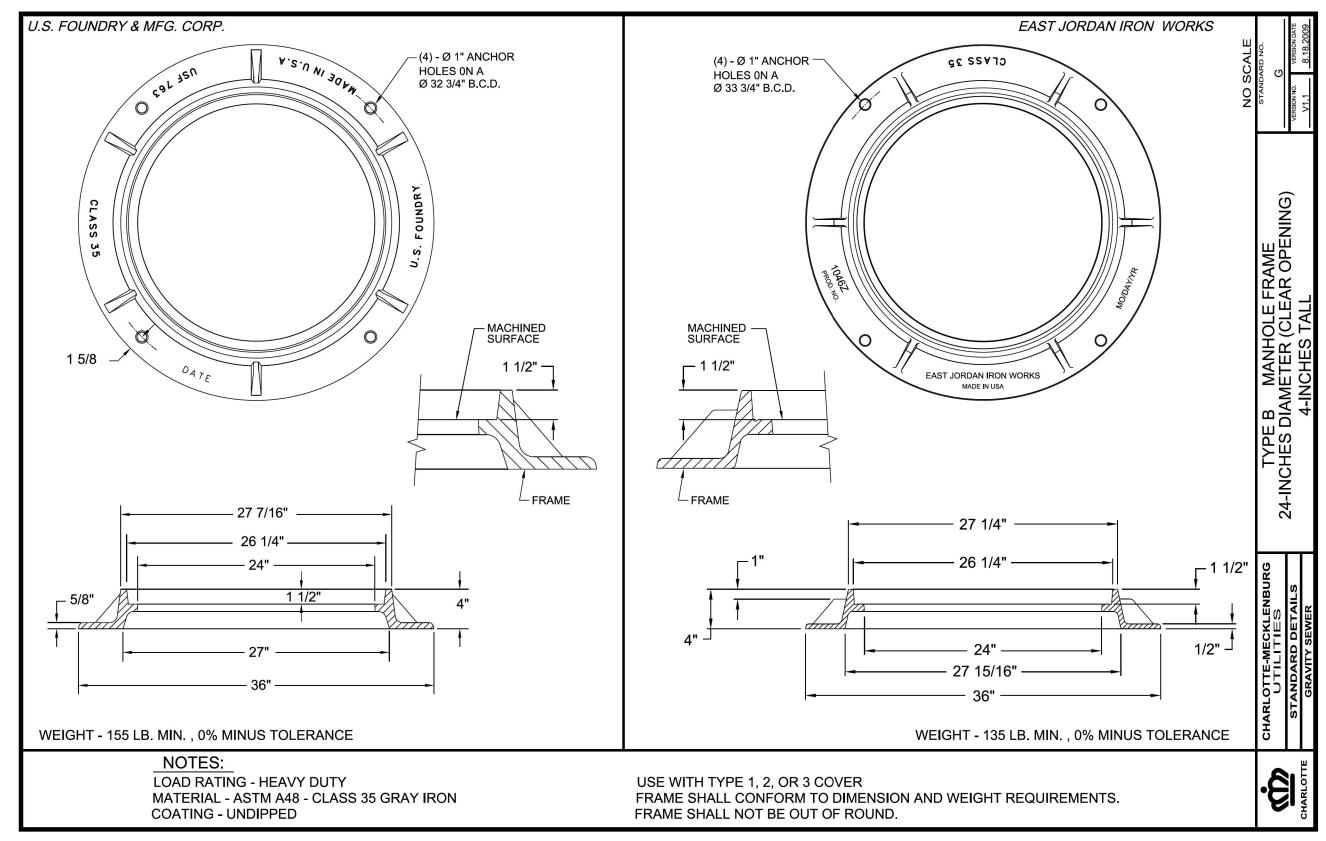


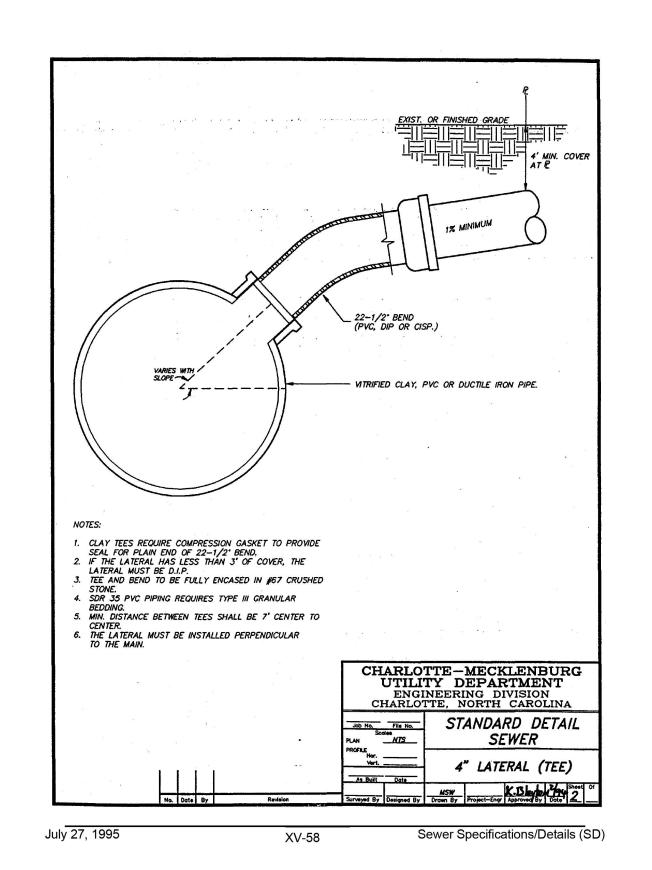












421 FAYETTEVILLE STREET, SUITE 600

RALEIGH, NC 27601

PROJECT REFERENCE	NO.	SHEET NO.
U-5873		UC-3E
DESIGNED BY: MAS		anninnin,
DRAWN BY: SJJ		SAN CARO
CHECKED BY: DCS		Sign of F22/0N
APPROVED BY:		pcusign@byAl
REVISED:	慧	02/6/0 897D876BF4408
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		MGINE SHORT
UTILITIES ENGINEERING SEC. PHONE: (919)707-6690 FAX: (919)250-4151		TY CONSTRUCTION PLANS ONLY
	U-5873 DESIGNED BY: MAS DRAWN BY: SJJ CHECKED BY: DCS APPROVED BY: REVISED: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919)707-6690	DESIGNED BY: MAS DRAWN BY: SJJ CHECKED BY: DCS APPROVED BY: REVISED: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919)707-6690 UTILITIES

RALEIGH, NC 27601

SHEET NO. PROJECT REFERENCE NO. UC-3F U-5873 DESIGNED BY: MAS DRAWN BY: SJJ CHECKED BY: DCS APPROVED BY: REVISED: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC PHONE: (919)707-6690 UTILITY CONSTRUCTION FAX: (919)250-4151 PLANS ONLY

