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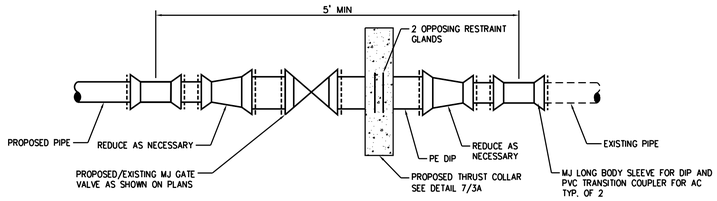
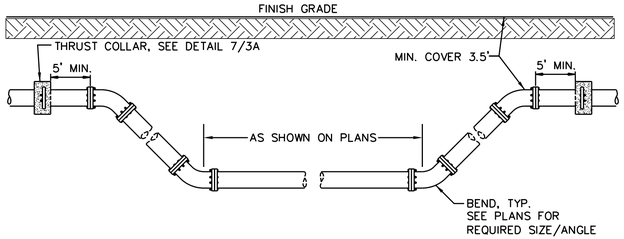


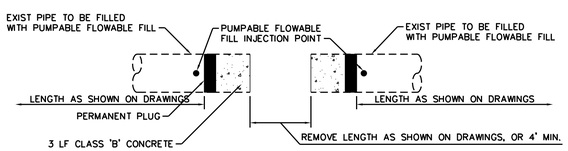
NOTES:
1. CONTRACTOR SHALL ASSEMBLE THE DIP ASSEMBLY PRIOR TO REMOVING THE EXISTING PIPE FROM SERVICE AND BEFORE CUTTING THE EXISTING PIPE. SHUT DOWN TIME OF THE EXISTING LINE SHALL BE MINIMIZED.
2. THE THRUST COLLAR SHALL BE ALLOWED TO CURE A MINIMUM OF 3 DAYS BEFORE ANY BENDS ARE ADDED OR BEFORE GATE VALVE IS CLOSED.

1 THRUST COLLAR CUT-IN
Not to Scale

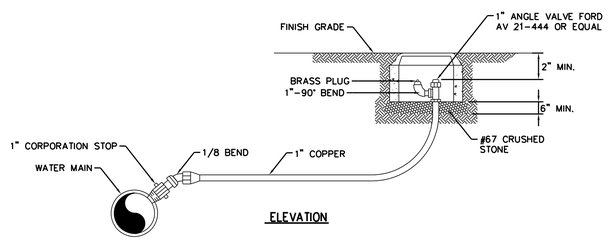


NOTES:
1. MEGALUGS OR RESTRAINED JOINT PIPE AND FITTINGS SHALL BE USED FOR ALL PIPE AND FITTINGS.
2. CONCRETE ENCASED MEGALUGS MAY BE USED IN LIEU OF THRUST COLLARS.
3. ALL PIPE AND FITTINGS BETWEEN THRUST COLLARS SHALL BE RESTRAINED.

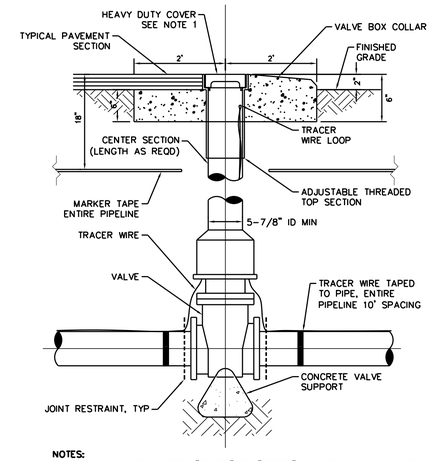
2 VERTICAL BENDS
Not to Scale



3 CUT AND PLUG EXISTING WATERLINE
Not to Scale

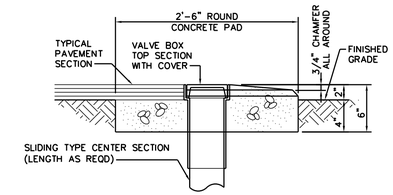


4 DISINFECTION AND SAMPLING POINT
Not to Scale

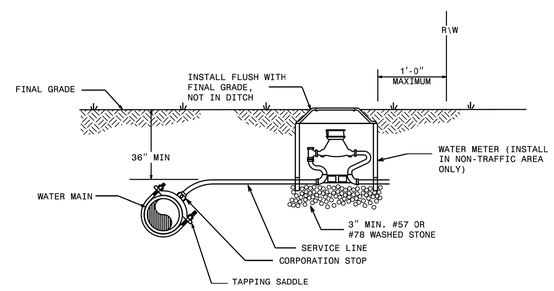


NOTES:
1. LIDS SHALL BE MARKED "WATER" OR "SEWER" AS APPLICABLE AND SHALL BE ASPHALT COATED.

5 GATE VALVE AND VALVE BOX
Not to Scale



6 VALVE BOX PAD
Not to Scale



NOTES:
1. THIS DETAIL SHOWS THE TYPICAL FINAL WATER METER CONFIGURATION AFTER INSTALLATION OF A PROPOSED WATER METER, RECONNECTION OF AN EXISTING WATER METER, OR RELOCATION OF A WATER METER.

STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.

1-18

ROADWAY STANDARD DRAWING FOR
WATER METER

SHEET 1 OF 1
1515.01

7 NCDOT WATER METER DETAIL
Not to Scale

Kimley»Horn

PROJECT REFERENCE NO.	SHEET NO.
R-5843	UC-3B
DESIGNED BY: DGB	
DRAWN BY: DGB	
CHECKED BY: NDR	
APPROVED BY:	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE:(919)707-6690 FAX:(919)250-4151	UTILITY CONSTRUCTION PLANS ONLY

NORTH CAROLINA PROFESSIONAL SEAL ENGINEER DANIEL G. BULA
DocuSigned by: Daniel G. Bula 6B70A11210D4FF5
7/24/2019

UTILITY CONSTRUCTION

K:\RAL_Roadway\Oll036387 - Div 14 (R-5843 Bryson Int\Utilities\Engineer\UC\Proj\280_031_R-5843_uc_details_03X.dgn

7/23/2019