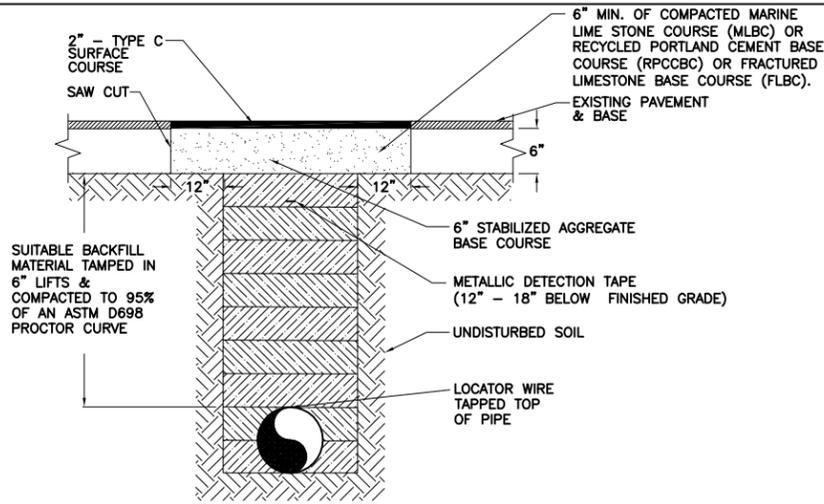
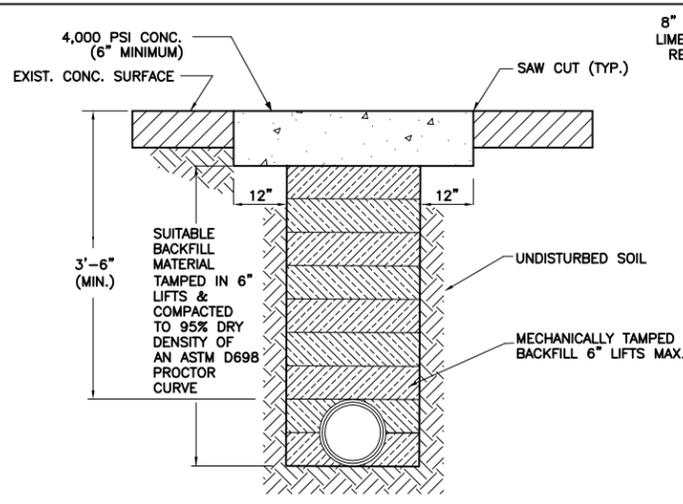


ANSI D 22" x 34" Approved: Designer: JWW Checked: JWW Project Management Initials:



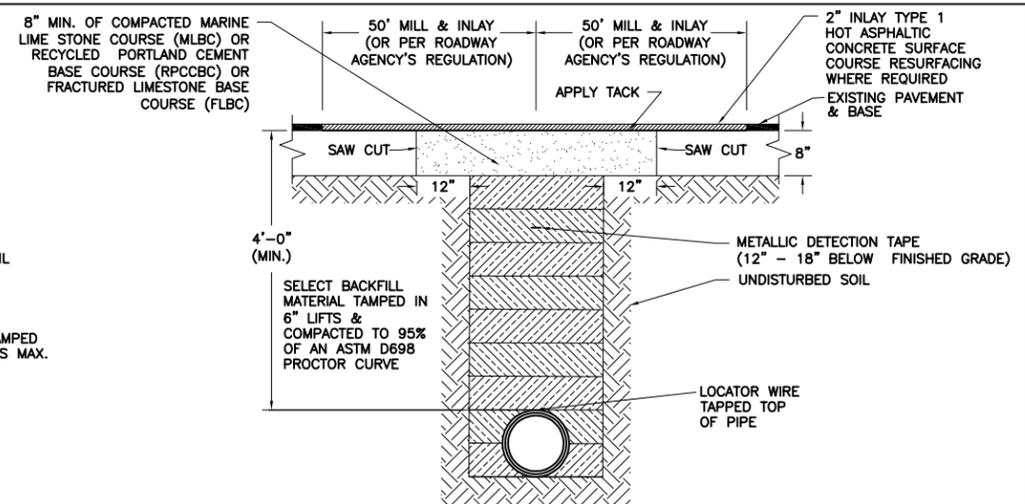
- NOTES:**
- SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2007 EDITION. PRIME COAT APPLICATIONS SECTION 305.4.6 PAGE 165.
 - REFER TO HIGHWAY DEPARTMENT, CITY OR COUNTY PERMITS FOR ADDITIONAL REQUIREMENTS.
 - IF UNSUITABLE SOIL IS ENCOUNTERED, PROVIDE MINIMUM 6" OF #57 STONE BEDDING.

DETAIL PAVEMENT REPLACEMENT (DRIVEWAY)
NOT TO SCALE



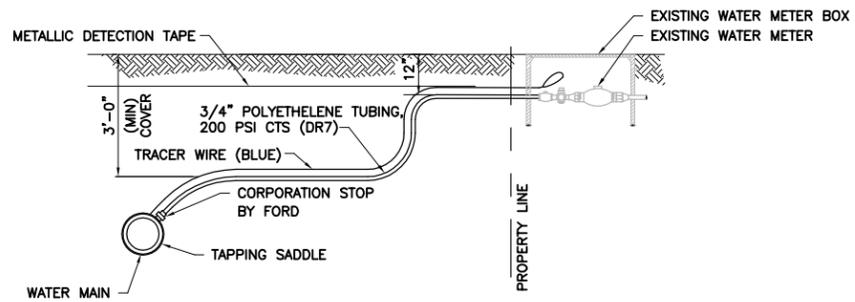
- NOTES:**
- SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2007 EDITION. PRIME COAT APPLICATIONS SECTION 305.4.6 PAGE 165.
 - REFER TO HIGHWAY DEPARTMENT, CITY OR COUNTY PERMITS FOR ADDITIONAL REQUIREMENTS.
 - IF UNSUITABLE SOIL IS ENCOUNTERED, PROVIDE MINIMUM 6" OF #57 STONE BEDDING.

DETAIL CONCRETE DRIVEWAY REPLACEMENT DETAIL
NOT TO SCALE

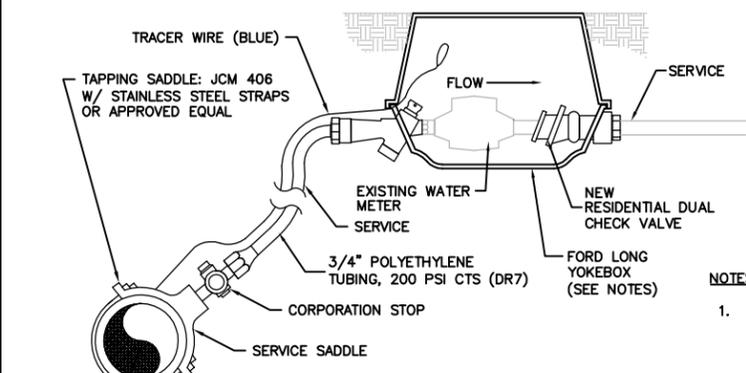


- NOTES:**
- SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2007 EDITION. PRIME COAT APPLICATIONS SECTION 305.4.6 PAGE 165.
 - REFER TO HIGHWAY DEPARTMENT, CITY OR COUNTY PERMITS FOR ADDITIONAL REQUIREMENTS.
 - THE CONTRACTOR WILL MILL AND INLAY ANY ROAD WITH AN OPEN CUT RUNNING LONGITUDINAL. THE ROAD WILL BE MILLED FROM CURB TO CURB AND EXTEND 25' PAST THE END OF THE OPEN CUT.
 - PAVEMENT CUT TO EXTEND 12" BEYOND EDGES OF THE TRENCH AS SHOWN. PAVEMENT SHALL BE CUT TO TRUE LINE AND REMOVED BEFORE TRENCH IS CUT. ALL PAVEMENT REPAIRS TO BE IN ACCORDANCE WITH ROAD AGENCY SPECS.
 - IF PAVEMENT CUT IS ON A HIGH VOLUME MAIN ROAD NEAR A PAVED INTERSECTION AND THE EDGE OF THE INTERSECTING ROAD IS ONLY A FEW FEET BEYOND THE NORMAL 50' (ONE SIDE DIMENSION) INLAY, THE INLAY IS TO BE EXTENDED TO THE EDGE OF THE INTERSECTING ROAD.
 - ALL UTILITIES WILL BE PLACED A MINIMUM OF 42" DEEP BETWEEN THE EDGE OF PAVEMENT AND THE DITCH LINE, 36" DEEP BELOW DESIGNED DITCH/SWALE DEPTH, 36" DEEP BELOW DRAINAGE LINES AND 36" DEEP BETWEEN DITCH LINE AND RIGHT-OF-WAY.
 - IF UNSUITABLE SOIL IS ENCOUNTERED, PROVIDE MINIMUM 6" OF #57 STONE BEDDING.

DETAIL PAVEMENT REPLACEMENT & MILL AND OVERLAY (HIGHWAYS)
NOT TO SCALE

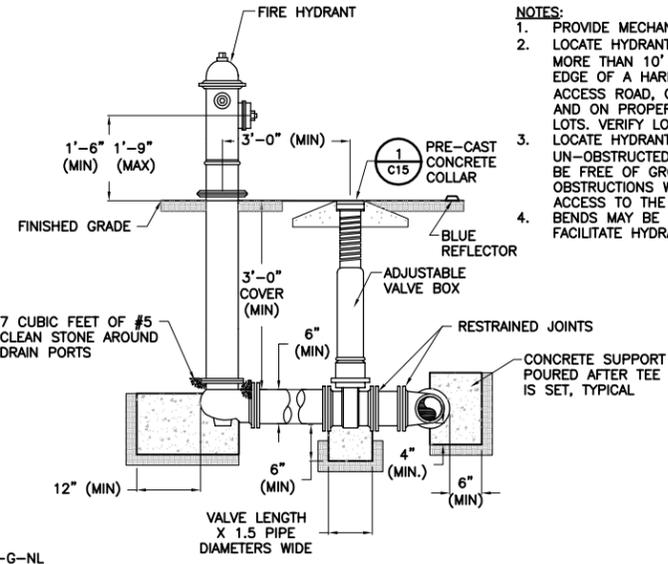


WATER SERVICE CONNECTION DETAIL
SCALE: NONE



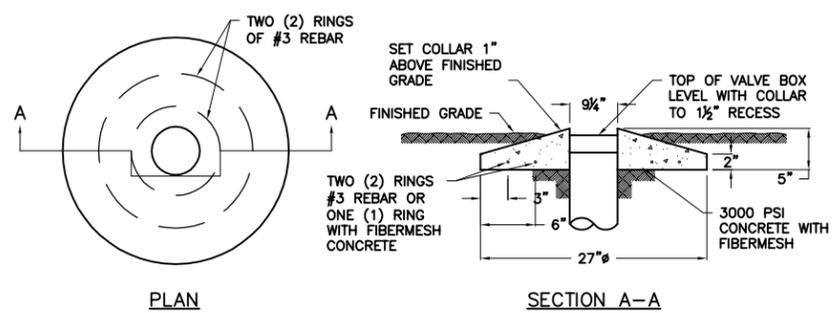
WATER SERVICE CONNECTION WITH NEW WATER METER BOX DETAIL
SCALE: NONE

- NOTES:**
- FOR 3/4" METERS USE FORD YOKEBOX LYL241-233-LL-T-G-NL



DETAIL FIRE HYDRANT, VALVE & TEE SETTING
NOT TO SCALE

- NOTES:**
- PROVIDE MECHANICAL JOINTS.
 - LOCATE HYDRANTS NO LESS THAN 3' OR MORE THAN 10' FROM THE CURB OR THE EDGE OF A HARD SURFACE STREET OR ACCESS ROAD, OR 1' INSIDE RIGHT-OF-WAY AND ON PROPERTY LINE BETWEEN TWO LOTS. VERIFY LOCATION WITH ENGINEER.
 - LOCATE HYDRANT MUST BE SO AS TO BE UN-OBSTRUCTED FOR 15'. THIS AREA MUST BE FREE OF GROWTH AND OTHER OBSTRUCTIONS WHICH WOULD HINDER ACCESS TO THE HYDRANT.
 - BENDS MAY BE USED IN HYDRANT LEG TO FACILITATE HYDRANT LOCATION.



PRE-CAST CONCRETE COLLAR DETAIL
SCALE: NONE

BID DOCUMENTS
THESE DOCUMENTS ARE FOR THE PURPOSE OF SOLICITATION OF BIDS AND ARE NOT FOR USE FOR CONSTRUCTION



PROJECT
HISTORIC DISTRICT WATER SYSTEM IMPROVEMENTS

CLIENT
THE CITY OF GEORGETOWN
www.cityofgeorgetownsc.com

CONSULTANT
AECOM
4016 Salt Pointe Parkway
North Charleston, South Carolina, 29405
843.767.4602 tel 843.767.4723 fax
www.aecom.com

REGISTRATION



A.C. Rios
MAY 24, 2018

ISSUE/REVISION

I/R	DATE	DESCRIPTION

KEY PLAN

PROJECT NUMBER
60554981

SHEET TITLE
MISCELLANEOUS DETAILS

SHEET NUMBER
C12

Last saved by: HANK.MORGAN(2018-05-24) Last Plotter: 2018-05-24
Filename: N:\PROJECTS\60554981\900-WORK\910-DRAWINGS\60554981 C12.DWG
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ISSUE/REVISION

I/R	DATE	DESCRIPTION

KEY PLAN

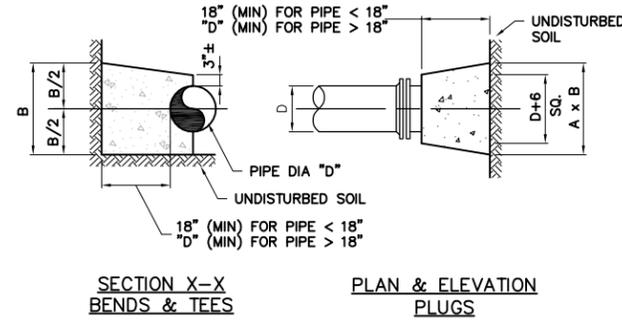
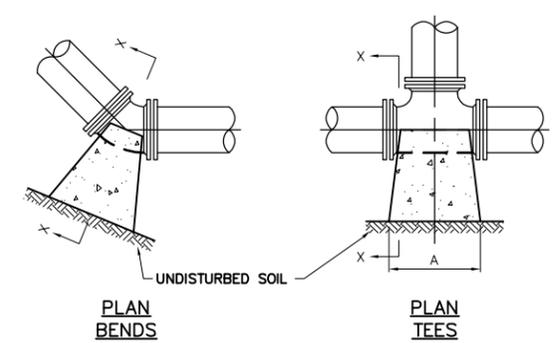
PROJECT NUMBER
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SHEET TITLE
MISCELLANEOUS DETAILS

SHEET NUMBER
C14

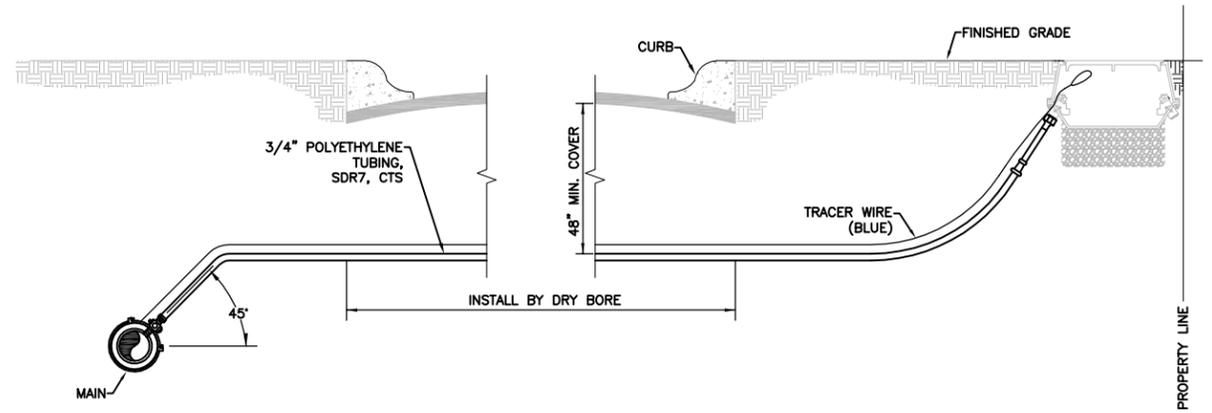
DESIGN PIPE PRESSURE = 150 PSI
 ALLOWABLE SOIL BEARING PRESSURE = 2000 PSF

MIN. THRUST BLOCK BEARING AREAS (S.F.)					
SIZE	90° BEND	45° BEND	22 1/2° BEND	11 1/4° BEND	PLUGS OR TEES
	AxB	AxB	AxB	AxB	AxB
4	1.3	0.7	0.4	0.2	0.9
6	3.0	1.6	0.8	0.4	2.1
8	5.3	2.9	1.5	0.7	3.8
10	8.3	4.5	2.3	1.2	5.9

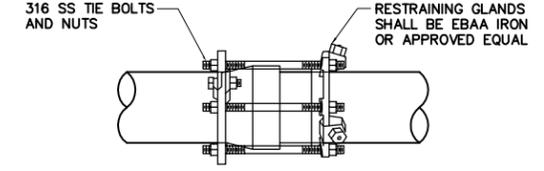


NOTE: DIMENSIONS A & B SHALL BE DETERMINED IN THE FIELD AS REQUIRED TO PROVIDE THE GIVEN BEARING AREA AND TO MEET FIELD CONDITIONS.

THRUST BLOCK
DETAIL 1
 SCALE: NONE

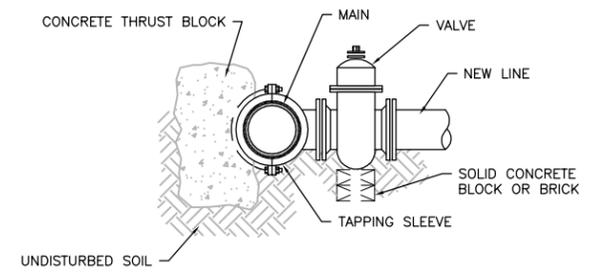


DETAIL 3
 SCALE: NONE

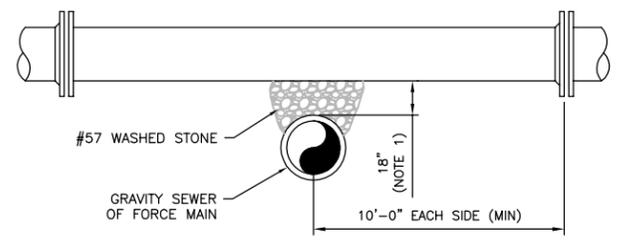


NOTE: CLAMP ASSEMBLY TO BE POLYWRAPPED AND TAPED.

DETAIL 2
 SCALE: NONE



DETAIL 4
 SCALE: NONE



- NOTES:**
- WHEN DISTANCE OF 18" OR MORE IS NOT POSSIBLE, DIP IS REQUIRED.
 - WHEN WATER LINE IS NEW, PROVIDE A FULL JOINT OF PIPE FOR BOTH LINES CENTERED AT CROSSING.
 - WHENEVER POSSIBLE LOCATE SEWER BELOW WATER LINE.
 - REFER TO SCDHEC STATE PRIMARY DRINKING WATER REGULATION R.61-58

DETAIL 5
 SCALE: NONE

BID DOCUMENTS
 THESE DOCUMENTS ARE FOR THE PURPOSE OF SOLICITATION OF BIDS AND ARE NOT FOR USE FOR CONSTRUCTION