

	PROJECT REFERENCE NO. SHEET NO. U-4405 UC-03D
	DESIGNED BY: AMH
	DRAWN BY: AMH/AB
	CHECKED BY: AMH APPROVED BY: BRO
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	NORTH CAROLINA DEPARTMENT OF
	TRANSPORTATION
	UTILITIES ENGINEERING SEC. PHONE:(919)707-6690 FAX:(919)250-4151 UTILITY CONSTRUCTI PLANS ONLY
ודוו	LITY CONSTRUCTION
	UMENT NOT CONSIDERED FINAL ALL SIGNATURES ARE COMPLETED
NOTES:	
1. VALVE BOX SHALL BE 3 PART SLIP-TYPE MANUFACTURED BY SIGMA CORPORATIO	
(VB-462), TYLER UNION (6855 SERIES), ST/ PIPE PRODUCTS (VB-0004), OR APPROVEL EQUAL.	
2. VALVE BOX SHALL BE 3-PIECE CLOSE GRAINED CAST IRON SLIP-TYPE VALVE BC	xc
WITH A MINIMUM THICKNESS OF 3/16". 3. VALVE BOX SHALL HAVE RAISED LETTERS	
"WATER" CAST INTO COVER. 4. VALVE BOX SHALL HAVE 3/8" HOLE DRILLE	
IN TOP SECTION THRU WHICH A 1/4"x1-1/2 GALVANIZED BOLT SHALL BE USED TO	
SECURE A MINIMUM 12 GAUGE, SINGLE STRAND, COATED COPPER OR COPPER CLAD STEEL TRACER WIRE FOR NON FERDENUES DUE	
NON-FERROUS PIPE. A 1/2" WASHER SHA BE USED BETWEEN NUT AND INSIDE OF B TIGHTEN HAND TIGHT.	
5. SCREW TYPE VALVE BOXES ARE NOT ACCEPTABLE.	
6. DIMENSIONS SHOWN VARY BASED UPON THE MANUFACTURER. ACTUAL DIMENSIO	
SHALL BE APPROVED BY FAYPWC. 7. VALVE BOX SECTIONS ARE REQUIRED. TI	HF
TOP Use of pipe in lieu of valve box SECTION SECTION	
8. TRACING WIRE SHALL BE INSTALLED OUTSIDE OF BOX.	
9. REFER TO FAYPWC DETAIL W.6 FOR INSTALLATION REQUIREMENTS.	
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NO. DATE REVISION	
SSION C. 1 07/09 ADDED NOTES 7, 8, AND CLARIFIE NOTES	:D
ES 2 01/14 REVISED NOTES 1, 4, 6 MENT	
W7-VALVEBOX.dw	
NOTES:	
BS 1. ALL MATERIALS SHALL BE IN ACCORDAN(WITH FAYPWC STANDARDS. SLEEVE BOI SHALL BE DUCTILE IRON ASTM A536.	
2. MECHANICAL JOINT TAPPING SLEEVES S BE AS MANUFACTURED BY CLOW, M & H,	HALL
MUELLER, AMERICAN OR APPROVED EQU AND SHALL BE FURNISHED WITH SPLIT GLANDS, SPLIT END GASKET, BOLTS, ETC	
THE OUTLET FLANGE SHALL BE CL 125 PE ANSI B16.1 COMPATIBLE WITH APPROVED TAPPING VALVES.	
-90 3. DIMENSIONS SHOWN ARE FOR REFEREN AND MAY VARY BASED UPON	CE
MANUFACTURER. SLEEVES SHALL BE SII IN NATURE TO THAT SHOWN AND SHALL I DEVIATE IN ESSENTIAL DETAILS.	
4. PIPE SURFACES SHALL BE CLEANED THOROUGHLY TO PERMIT FOR A GOOD S	
PRIOR TO INSTALLATION. 5. EXTERIOR OF TAPPING SLEEVE SHALL BE	
5. EXTERIOR OF TAPPING SLEEVE SHALL BE COATED WITH 2 COATS ASPHALTIC VARN MIL-C450.	
6. ALL TAPPING SLEEVES SHALL BE HYDROSTATICALLY PRESSURE TESTED II	N
ACCORDANCE WITH FAYPWC SPECIFICATIONS. TEST SHALL BE WITNE AND APPROVED BY FAYPWC PROJECT	SSED
COORDINATOR PRIOR TO BEGINNING TAPPING PROCESS.	
E NOTE 2 7. SEE DETAILS W.9 AND W.17 FOR ADDITIO REQUIREMENTS.	NAL
X6 24X8 24X12 24X16 24X24 30X6 30X8 30X12 30X16 30X24 1.00 13.5 19.0 23.5 32.0 11.00 13.5 19.0 23.5 32.0	
31 .31	
8.0 18.0 24.0 30.0 36.0 24.0 24.0 24.0 36.0 36.0	
SSION NO. DATE REVISION	
	E 8

FAYETTEVILLE PUBLIC WORKS COMMIS FAYETTEVILLE, N.C. 17/09 |REVISED NOTE 6/REMOVED NOTE 8 PNC 07/13 REVISED NOTES 6, 7 WATER RESOURCES

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W10-M.J.-TAPPING-SLEEVE.dwg