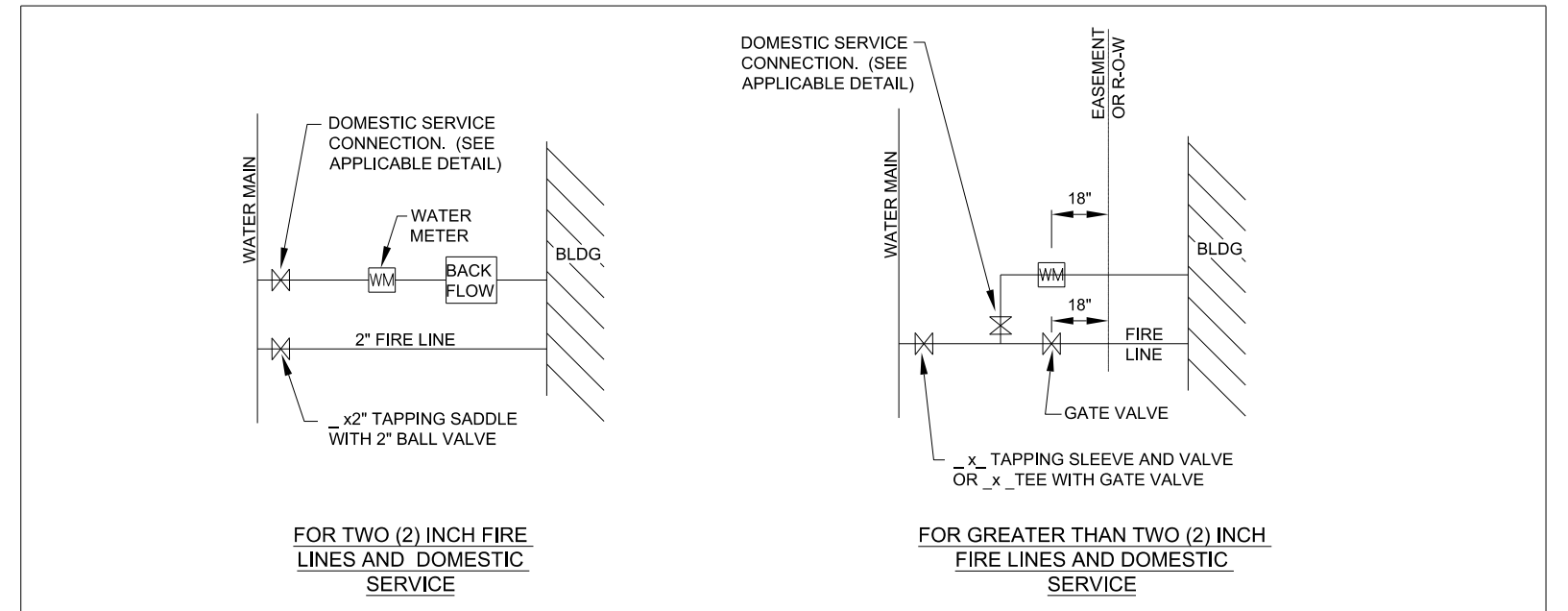


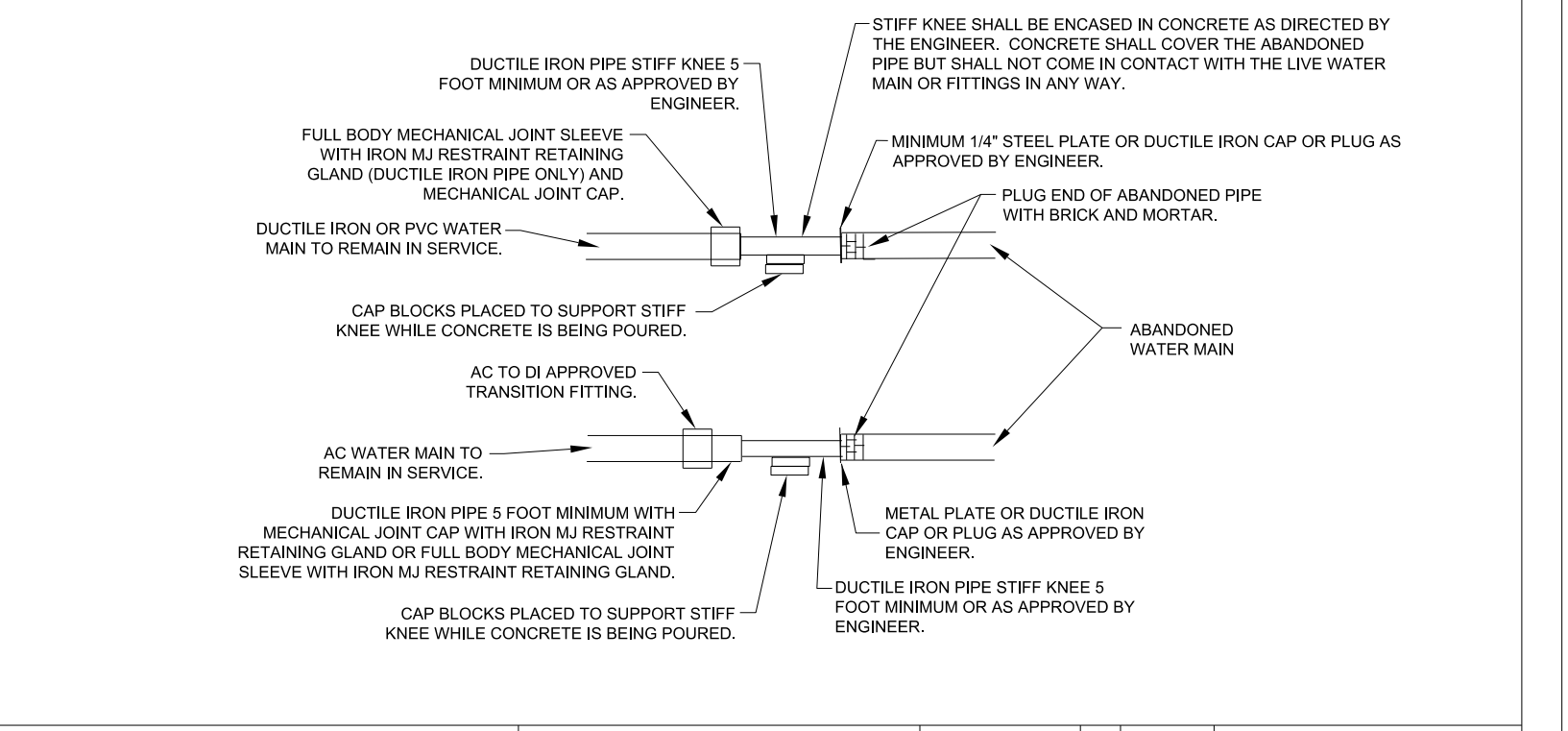
UTILITY CONSTRUCTION



- NOTES:**
- DOMESTIC BACKFLOW MAY BE LOCATED INSIDE THE BUILDING.
 - THE FIRE LINE SHALL HAVE A BACKFLOW DEVICE WITHIN 100 FEET OF THE MAIN.
 - REFER TO THE CROSS CONNECTION CONTROL ORDINANCE FOR ADDITIONAL INFORMATION ON BACKFLOW REQUIREMENTS.
 - REFER TO APPROPRIATE METER BOX DETAIL FOR ADDITIONAL INFORMATION.
 - IF THE FIRE LINE HAS A DOMESTIC OR IRRIGATION SERVICE, BOTH THE FIRE LINE AND SERVICE SHALL BE TESTED AND DISINFECTED, REGARDLESS OF THE LENGTH.
 - IF THE FIRE LINE DOES NOT HAVE ANY SERVICES CONNECTED TO IT, DISINFECTATION IS ONLY REQUIRED IF THE TOTAL LENGTH OF THE FIRE LINE IS GREATER THAN 20 LINEAR FEET (i.e., ONE (1) FULL JOINT OF PIPE).
 - IF THE FIRE LINE IS GREATER THAN 20 LINEAR FEET, THEN IT SHALL BE PRESSURE TESTED.
 - ALL TESTING AND DISINFECTATION SHALL BE DONE IN ACCORDANCE WITH SPECIAL PROVISIONS.

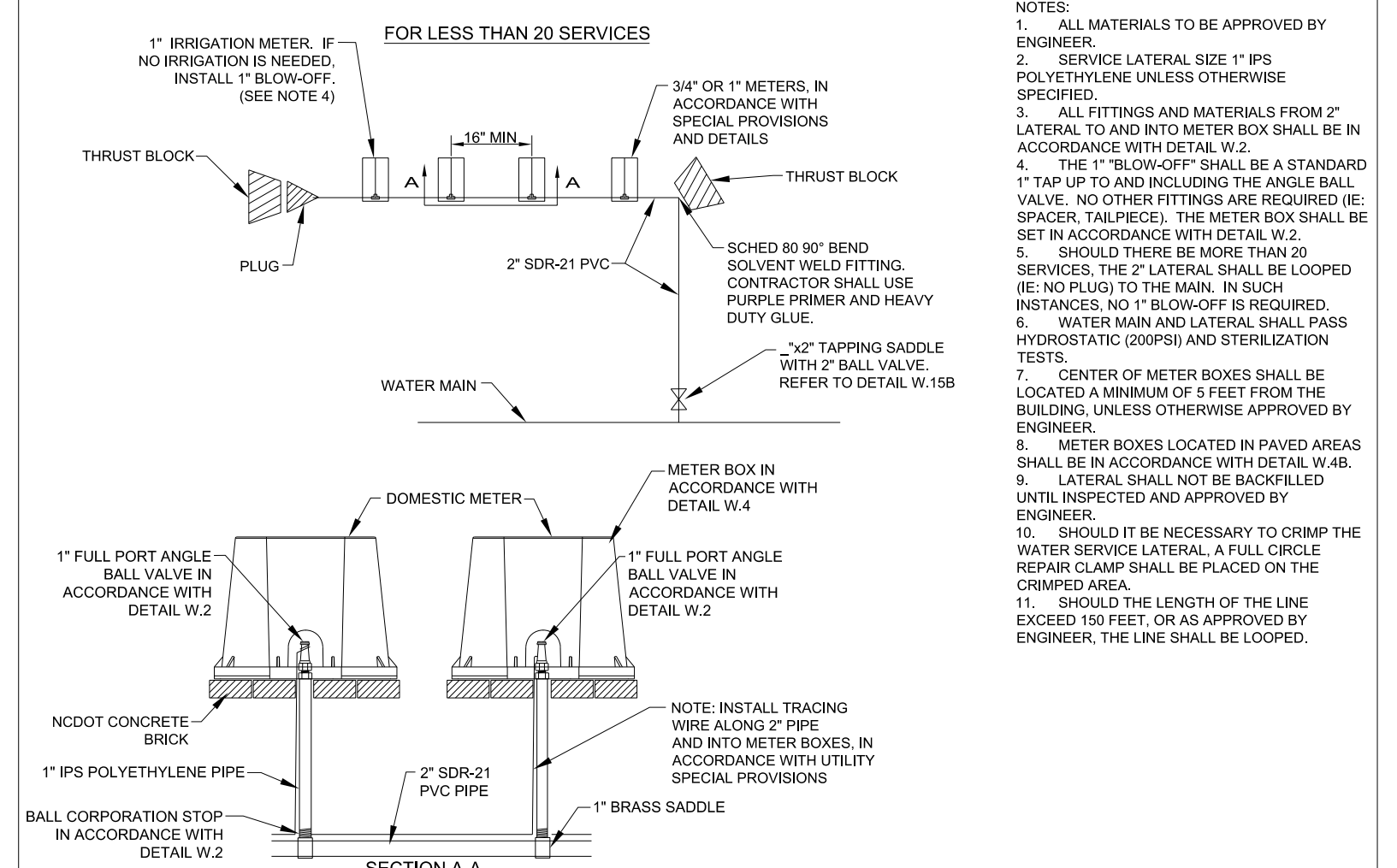
STANDARD TAPS		FAYETTEVILLE PUBLIC WORKS COMMISSION		NO. DATE REVISION		
N.T.S.		FAYETTEVILLE, N.C.				
SHEET NO. 1 OF 1	DWG. NO. W.21	DWG. BY: FAYPWC	WATER RESOURCES ENGINEERING DEPARTMENT	1	10/17	ADDED NOTES 4, 5, 6, 7, 8.
DATE: JAN. 01, 2018	APPROVED BY: J.E.G.			2	05/29/18	REVISED NOTE 6 FOR NCDOT U-4405

- NOTES:**
- KILL OUT SHALL BE DONE A MINIMUM OF 5 FEET FROM ANY FITTING ON THE EXISTING WATER MAIN THAT IS TO REMAIN IN SERVICE.
 - IRON PIPE SHALL BE 4" DIAMETER FOR MAINS 12" OR LESS, UTILIZE 8" PIPE OR LARGER AS DIRECTED BY THE ENGINEER FOR ALL MAINS LARGER THAN 12".
 - ALLOW CONCRETE TO SET 24 HOURS PRIOR TO PLACING BACKFILL.
 - VOLUME OF CONCRETE FOR THURST BLOCK SHALL BE IN ACCORDANCE WITH FAYPWC STANDARD DETAIL W.17.
 - ALL OUTAGES SHALL BE COORDINATED WITH THE ENGINEER.
 - PIPE SHALL BE GROUT FILLED OR REMOVED IN ACCORDANCE WITH NCDOT SPECIFICATIONS AND SPECIAL PROVISIONS WHEN LOCATED IN THE STATE RIGHT-OF-WAY. ALL OTHER INSTANCES SHALL BE IN ACCORDANCE WITH FAYPWC SPECIFICATIONS.

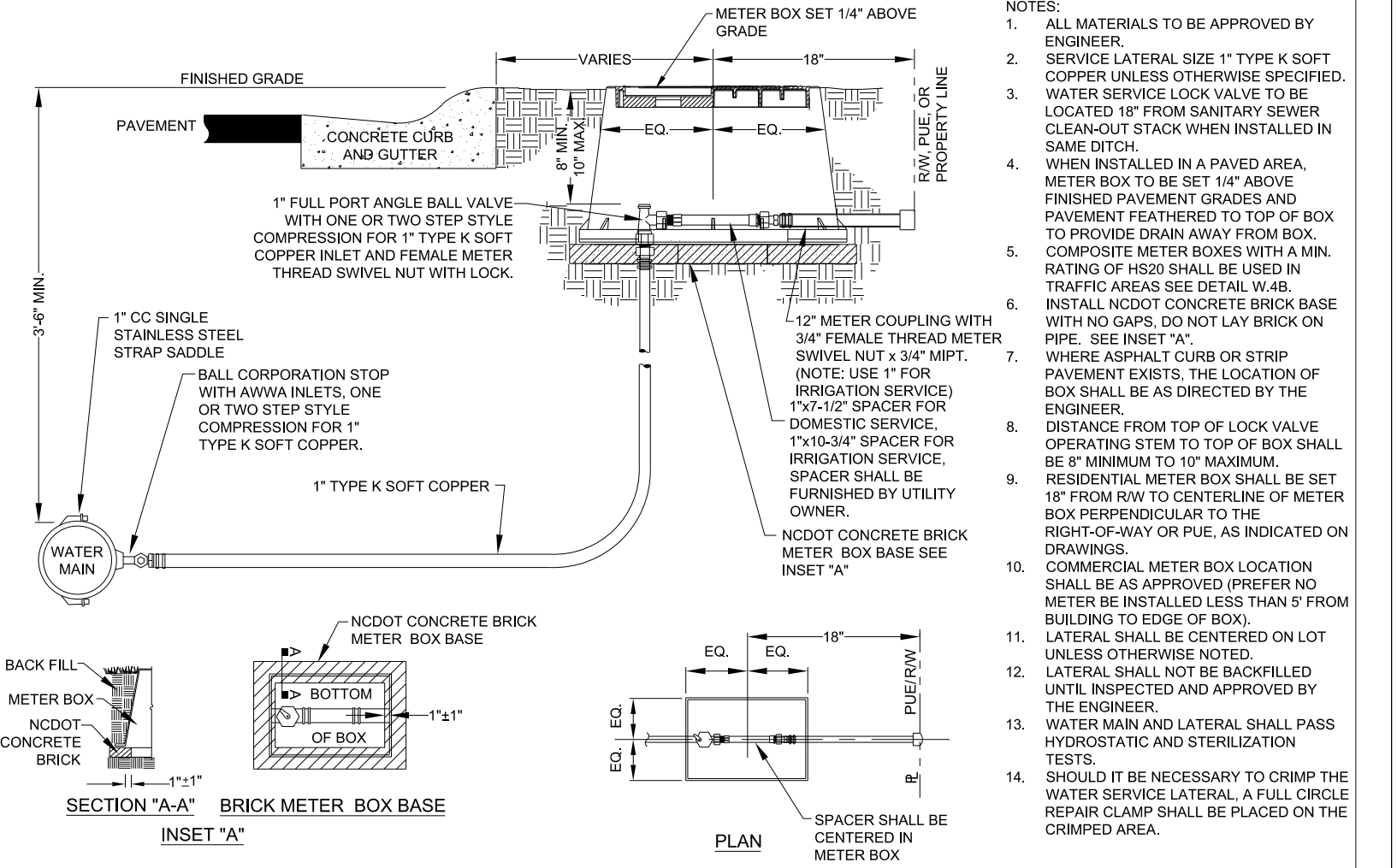


WATER MAIN KILL-OUT		FAYETTEVILLE PUBLIC WORKS COMMISSION		NO. DATE REVISION		
N.T.S.		FAYETTEVILLE, N.C.				
SHEET NO. 1 OF 1	DWG. NO. W.22	DWG. BY: FAYPWC	WATER RESOURCES ENGINEERING DEPARTMENT	1	5/29/18	REVISED NOTE AND CALLOUTS FOR NCDOT U-4405
DATE: JAN. 01, 2018	APPROVED BY: J.E.G.					

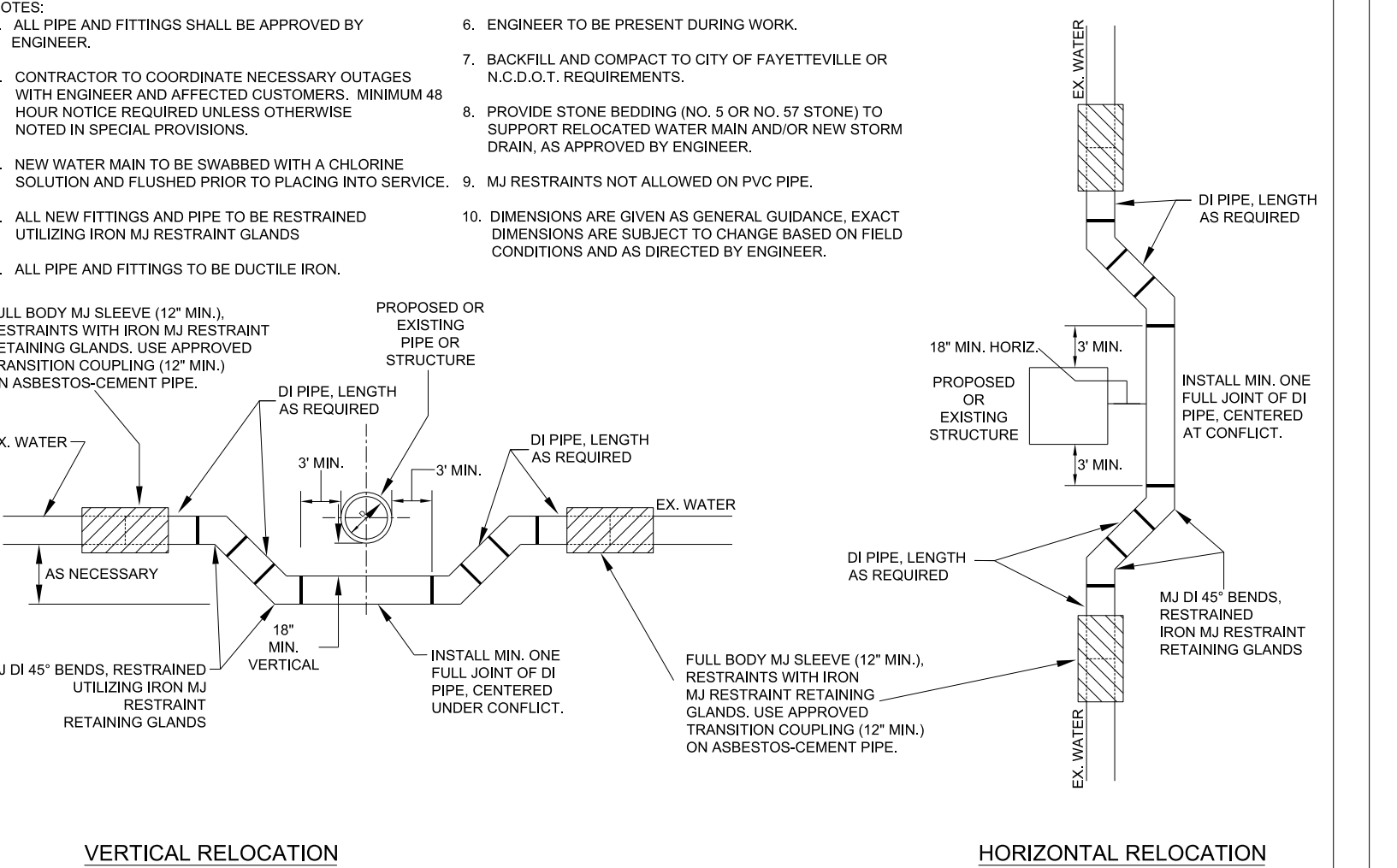
NOTE:
ANY REFERENCE TO FAYPWC PROJECT COORDINATOR, PWC COORDINATOR OR FAYPWC (FAYETTEVILLE PUBLIC WORKS COMMISSION) SHALL BE INTERPRETTED AS A REFERENCE TO THE ENGINEER.



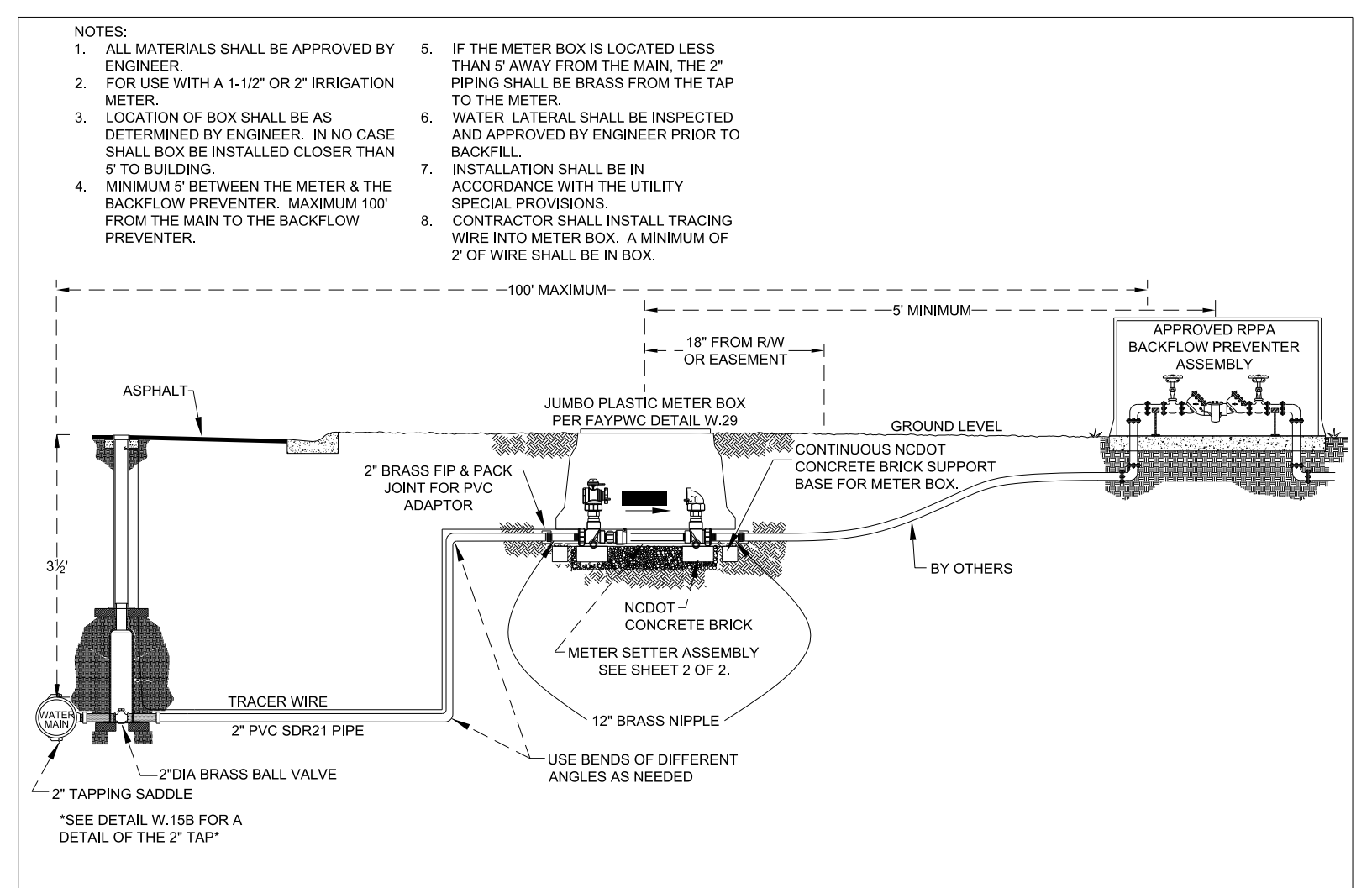
WATER SERVICE DETAILS FOR MULTI-UNIT BUILDINGS		FAYETTEVILLE PUBLIC WORKS COMMISSION		NO. DATE REVISION		
N.T.S.		FAYETTEVILLE, N.C.				
SHEET NO. 1 OF 1	DWG. NO. W.23	DWG. BY: FAYPWC	WATER RESOURCES ENGINEERING DEPARTMENT	1	07/16	REVISED TITLE NOTES
DATE: JAN. 01, 2018	APPROVED BY: J.E.G.			2	07/17	REVISED NOTES
				3	7/24/18	REVISED PER NCDOT COMMENTS (U-4405)



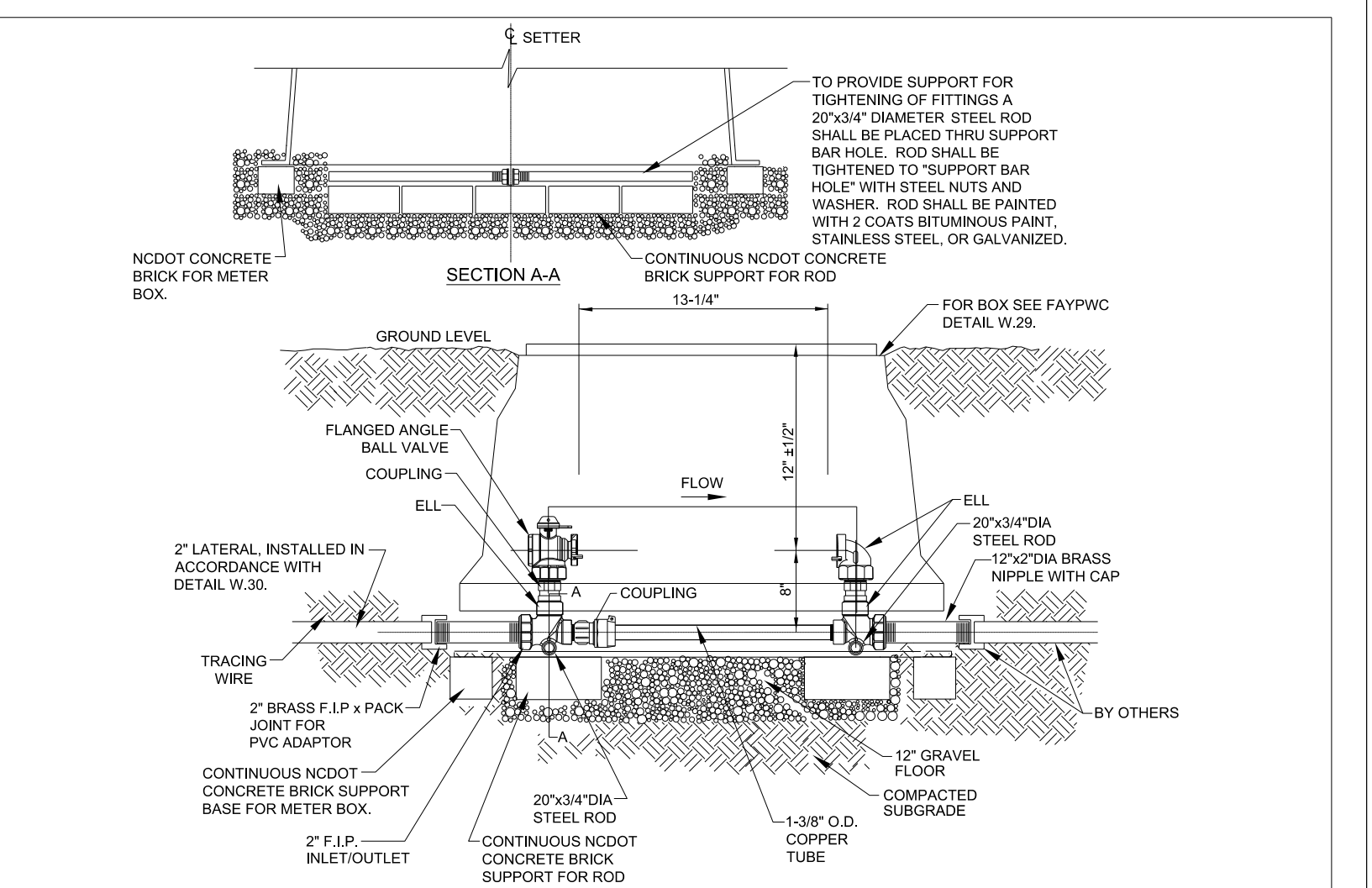
1" COPPER WATER SERVICE LATERAL		FAYETTEVILLE PUBLIC WORKS COMMISSION		NO. DATE REVISION		
N.T.S.		FAYETTEVILLE, N.C.				
SHEET NO. 1 OF 1	DWG. NO. W.24	DWG. BY: FAYPWC	WATER RESOURCES ENGINEERING DEPARTMENT	1	09/05	VALVE CHANGE, ADD NOTE 16
DATE: JAN. 01, 2018	APPROVED BY: J.E.G.			2	07/06	RESIZED METER COUPLING
				3	07/17	REVISED NOTES
				4	05/29/18	REVISED NOTES 1, 7, 9, AND 12 AND INCLUDE PLACEMENT INSIDE PIPE
				5	07/24/18	REVISED PER NCDOT COMMENTS (U-4405)



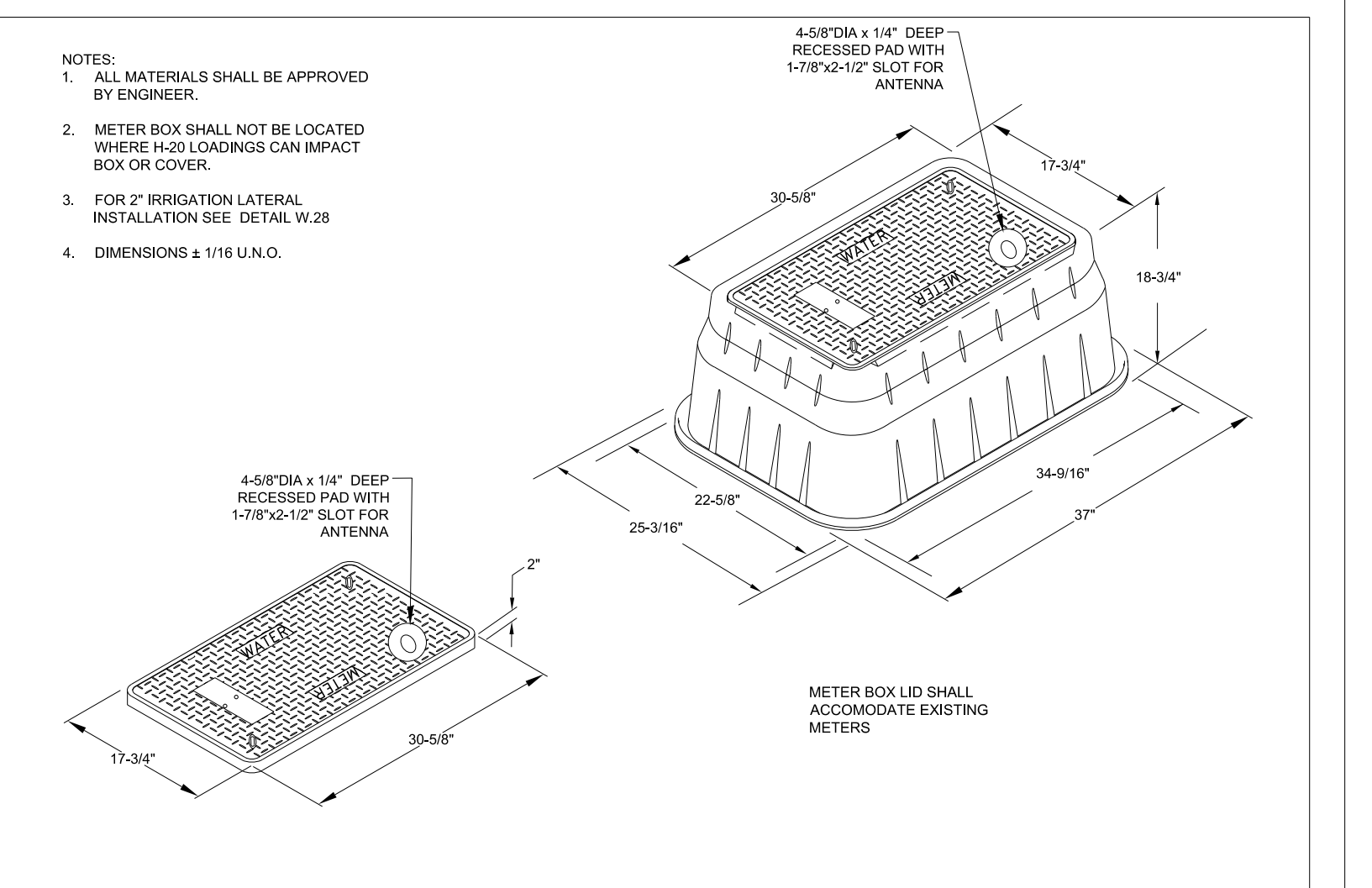
PIPE RELOCATION DETAIL		FAYETTEVILLE PUBLIC WORKS COMMISSION		NO. DATE REVISION		
N.T.S.		FAYETTEVILLE, N.C.				
SHEET NO. 1 OF 1	DWG. NO. W.26	DWG. BY: FAYPWC	WATER RESOURCES ENGINEERING DEPARTMENT	1	05/12	REVISED NOTES, ADDED HORIZONTAL RELOCATION
DATE: JAN. 01, 2018	APPROVED BY: J.E.G.			2	05/29/18	REVISED NOTES AND CALLOUTS FOR NCDOT U-4405
				3	07/24/18	REVISED PER NCDOT COMMENTS (U-4405)



2" IRRIGATION LATERAL		FAYETTEVILLE PUBLIC WORKS COMMISSION		NO. DATE REVISION		
N.T.S.		FAYETTEVILLE, N.C.				
SHEET NO. 1 OF 2	DWG. NO. W.28	DWG. BY: FAYPWC	WATER RESOURCES ENGINEERING DEPARTMENT	1	07/17	REVISED NOTES, ADDED SHEET 2
DATE: JAN. 01, 2018	APPROVED BY: J.E.G.			2	05/29/18	REVISED NOTES 1, 3, 6 AND 7 FOR NCDOT U-4405
				3	07/24/18	REVISED PER NCDOT COMMENTS (U-4405)



2" IRRIGATION LATERAL		FAYETTEVILLE PUBLIC WORKS COMMISSION		NO. DATE REVISION		
N.T.S.		FAYETTEVILLE, N.C.				
SHEET NO. 2 OF 2	DWG. NO. W.28	DWG. BY: FAYPWC	WATER RESOURCES ENGINEERING DEPARTMENT	1	07/17	ADDED SHEET 2 OF 2
DATE: JAN. 01, 2018	APPROVED BY: J.E.G.					



JUMBO METER BOX FOR IRRIGATION		FAYETTEVILLE PUBLIC WORKS COMMISSION		NO. DATE REVISION		
N.T.S.		FAYETTEVILLE, N.C.				
SHEET NO. 1 OF 1	DWG. NO. W.29	DWG. BY: FAYPWC	WATER RESOURCES ENGINEERING DEPARTMENT	1	07/17	REVISED LID, BOX AND DIMENSIONS
DATE: JAN. 01, 2018	APPROVED BY: J.E.G.			2	05/29/18	REVISED NOTES 1 AND ADDED NOTE FOR LID TO BE CONSISTENT WITH EXISTING AMR'S FOR NCDOT U-4405
				3	07/24/18	REVISED PER NCDOT COMMENTS

REVISIONS
 02-AUG-2018 16:29 U:\P\Utilities\Public Works Commission\2015\017700RA_Refor-Road NCDOT U-4405\CADD\NCDOT_PLANS\Utilities\Engineering\UC\Proc\Detail_Sheets\U4405_ut_dtl_UC031-0.dgn
 5/14/2018
 UTILITY REV. - JULY 24, 2018 - REVISIONS TO DETAIL SHEETS