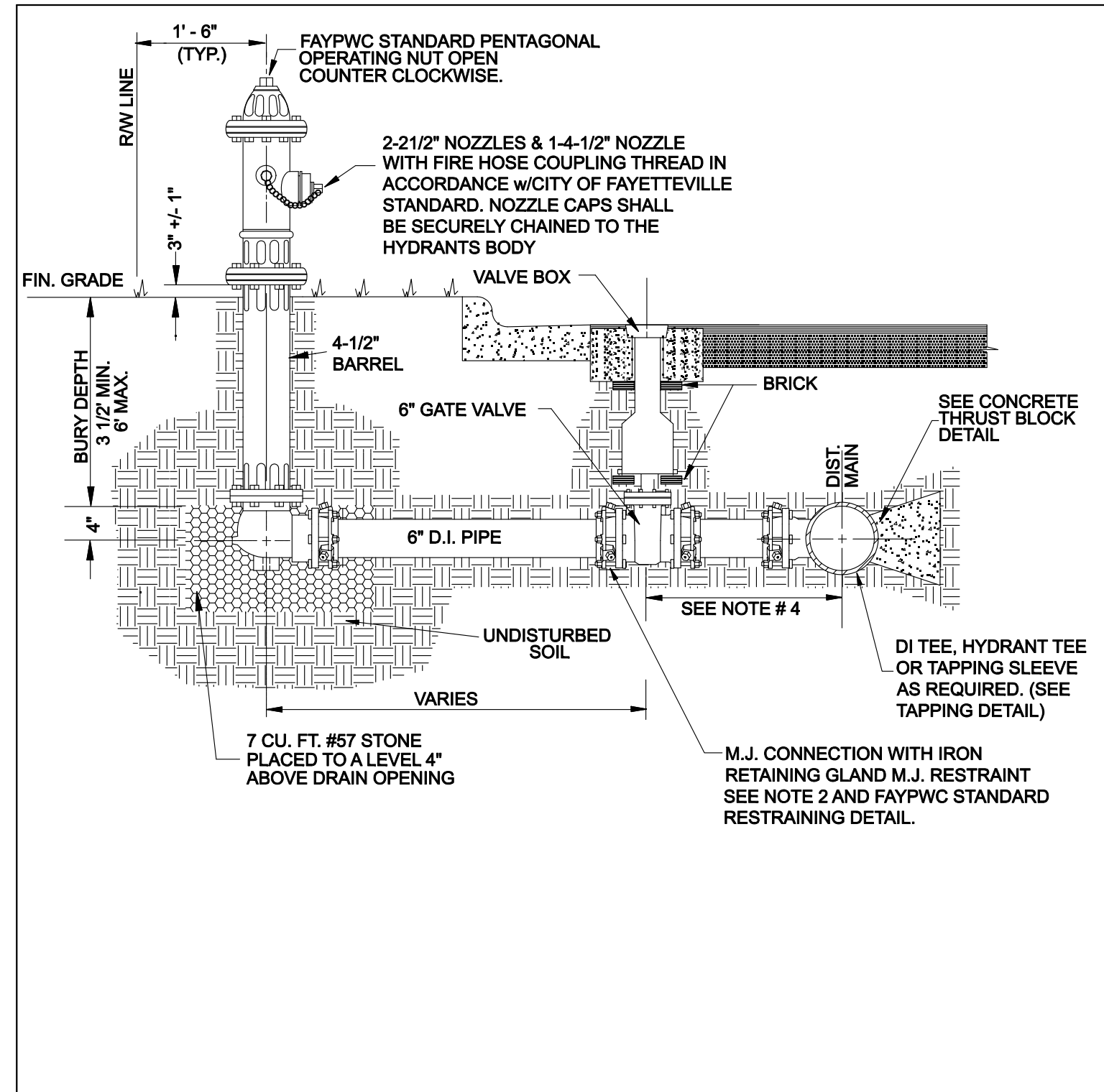


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

PROJECT REFERENCE NO. B-4490	SHEET NO. UC-3E
DESIGNED BY:	
DRAWN BY: NONE	
CHECKED BY:	
APPROVED BY:	
REVISED:	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151 2/2/2016

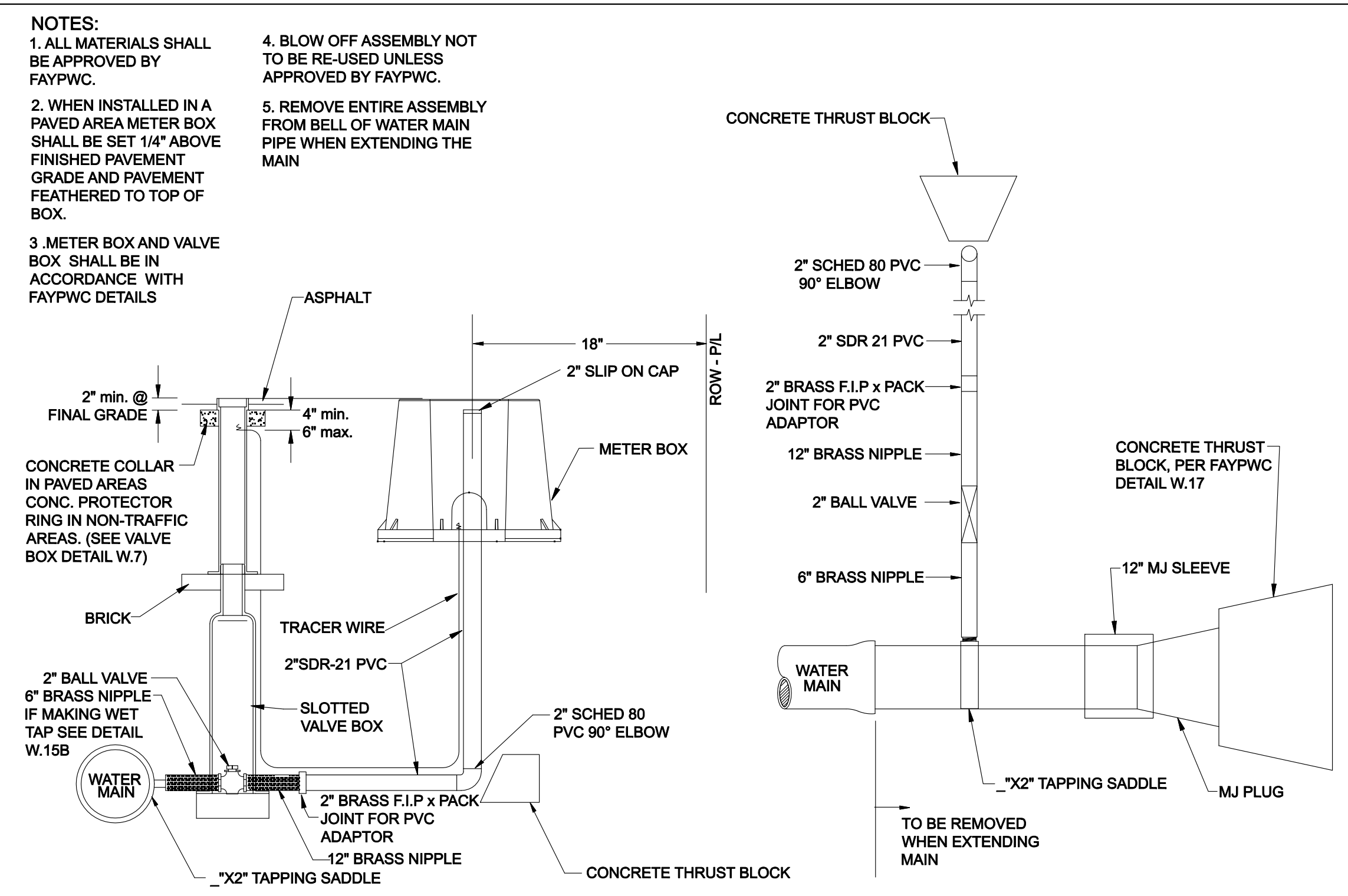
UTILITY CONSTRUCTION



- NOTES:**
- FIRE HYDRANT SHALL BE MODELS MANUFACTURED BY MUELLER CO. (CENTURIAN), AMERICAN VALVE AND HYDRANT CO. (MODEL MARK 73), CLOW MEDALLION OR APPROVED EQUAL.
 - ALL VALVES AND HYDRANTS SHALL HAVE M.J. CONNECTIONS WITH IRON RETAINING GLAND M.J. RESTRAINT.
 - FIRE HYDRANT SHALL BE FIELD PAINTED IN ACCORDANCE WITH FAYPWC STANDARDS, BEFORE PROJECT IS ACCEPTED.
 - HYDRANT VALVE SHALL BE PLACED AS CLOSE AS POSSIBLE TO THE MAIN, BUT DO NOT PLACE VALVE IN PROPOSED OR EXISTING CURB AND GUTTER. IF THE STREET IS SOIL AND NO PAVING IS TO BE DONE AT THIS TIME, THE LOCATION OF THE VALVE IS TO BE DETERMINED BY THE FAYPWC PROJECT COORDINATOR.
 - FIRE HYDRANTS SHALL BE PLACED AS DIRECTED BY THE FAYPWC PROJECT COORDINATOR.
 - HYDRANT BRANCH SHALL NOT BE BACK FILLED UNTIL INSPECTED AND APPROVED BY FAYPWC PROJECT COORDINATOR.
 - GATE VALVE AND BOX SHALL BE IN ACCORDANCE WITH FAYPWC STANDARD DETAIL.
 - HYDRANT EXTENSIONS AND/OR OFFSETS SHALL BE APPROVED BY FAYPWC PROJECT COORDINATOR.

FIRE HYDRANT AND VALVE INSTALLATION N.T.S.		PUBLIC WORKS COMMISSION FAYETTEVILLE, N.C.			NO.	DATE	REVISION
SHEET NO. 1 OF 1	DWG. NO. W.13	DWG. BY: FAYPWC	WATER RESOURCES ENGINEERING DEPARTMENT		1	10/23/03	REVISED NOTE #4
DATE: JULY 01, 2015	APPROVED BY: J.E.G.			2	7/1/09	REVISED NOTE #2, REMOVED NOTE #3 & ALTERED RESTRAINT DETAIL.	

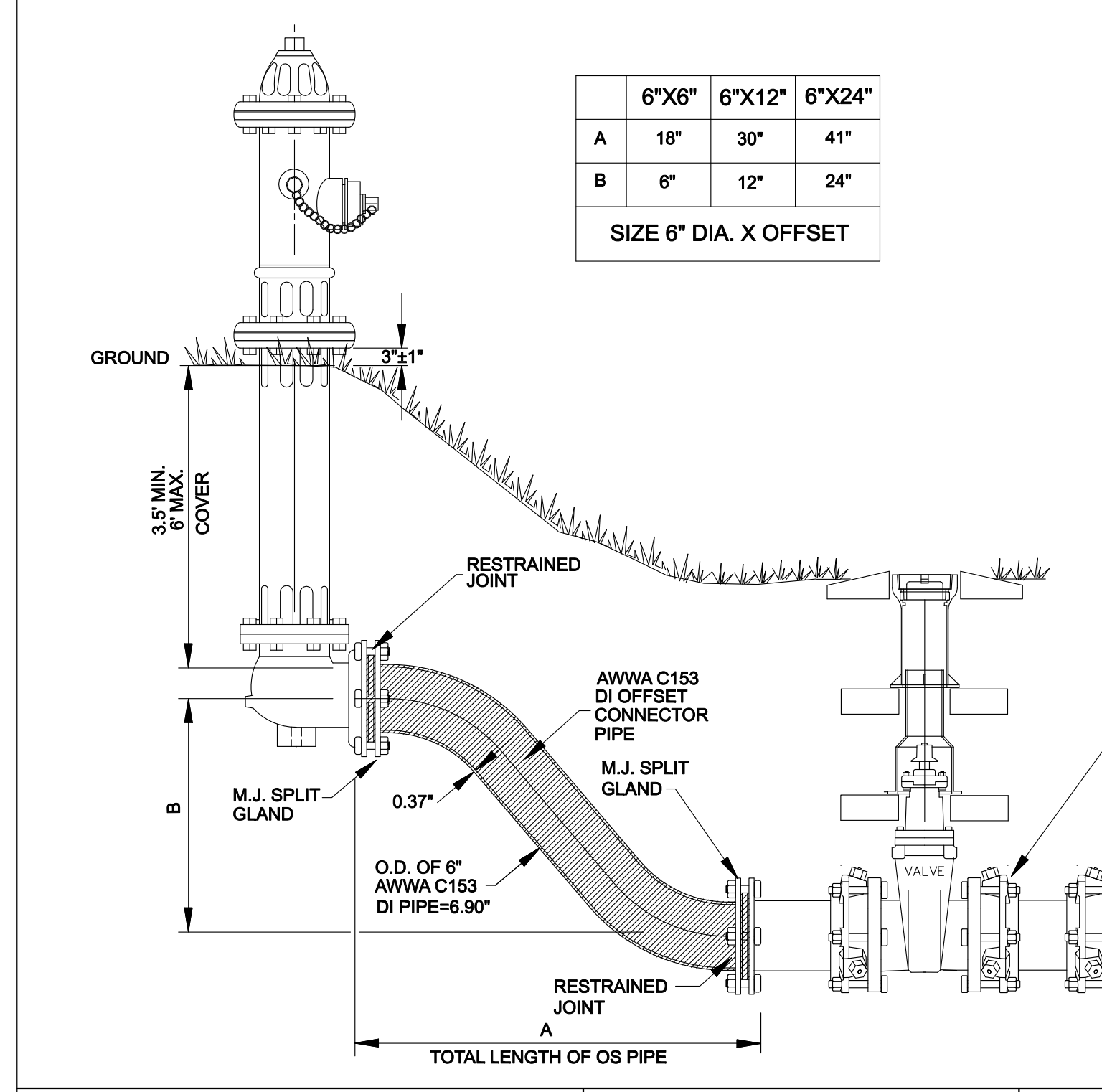
2015-W13 FHCC.dwg



- NOTES:**
- ALL MATERIALS SHALL BE APPROVED BY FAYPWC.
 - WHEN INSTALLED IN A PAVED AREA METER BOX SHALL BE SET 1/4" ABOVE FINISHED PAVEMENT GRADE AND PAVEMENT FEATHERED TO TOP OF BOX.
 - METER BOX AND VALVE BOX SHALL BE IN ACCORDANCE WITH FAYPWC DETAILS
 - BLOW OFF ASSEMBLY NOT TO BE RE-USED UNLESS APPROVED BY FAYPWC.
 - REMOVE ENTIRE ASSEMBLY FROM BELL OF WATER MAIN PIPE WHEN EXTENDING THE MAIN

2" BLOW OFF N.T.S.		PUBLIC WORKS COMMISSION FAYETTEVILLE, N.C.			NO.	DATE	REVISION
SHEET NO. 1 OF 1	DWG. NO. W.15	DWG. BY: FAYPWC	WATER RESOURCES ENGINEERING DEPARTMENT		1	8/06	CHANGED FITTINGS TO SCHED 80
DATE: JULY 01, 2015	APPROVED BY: J.E.G.			2	11/06	REVISED CONFIGURATION	

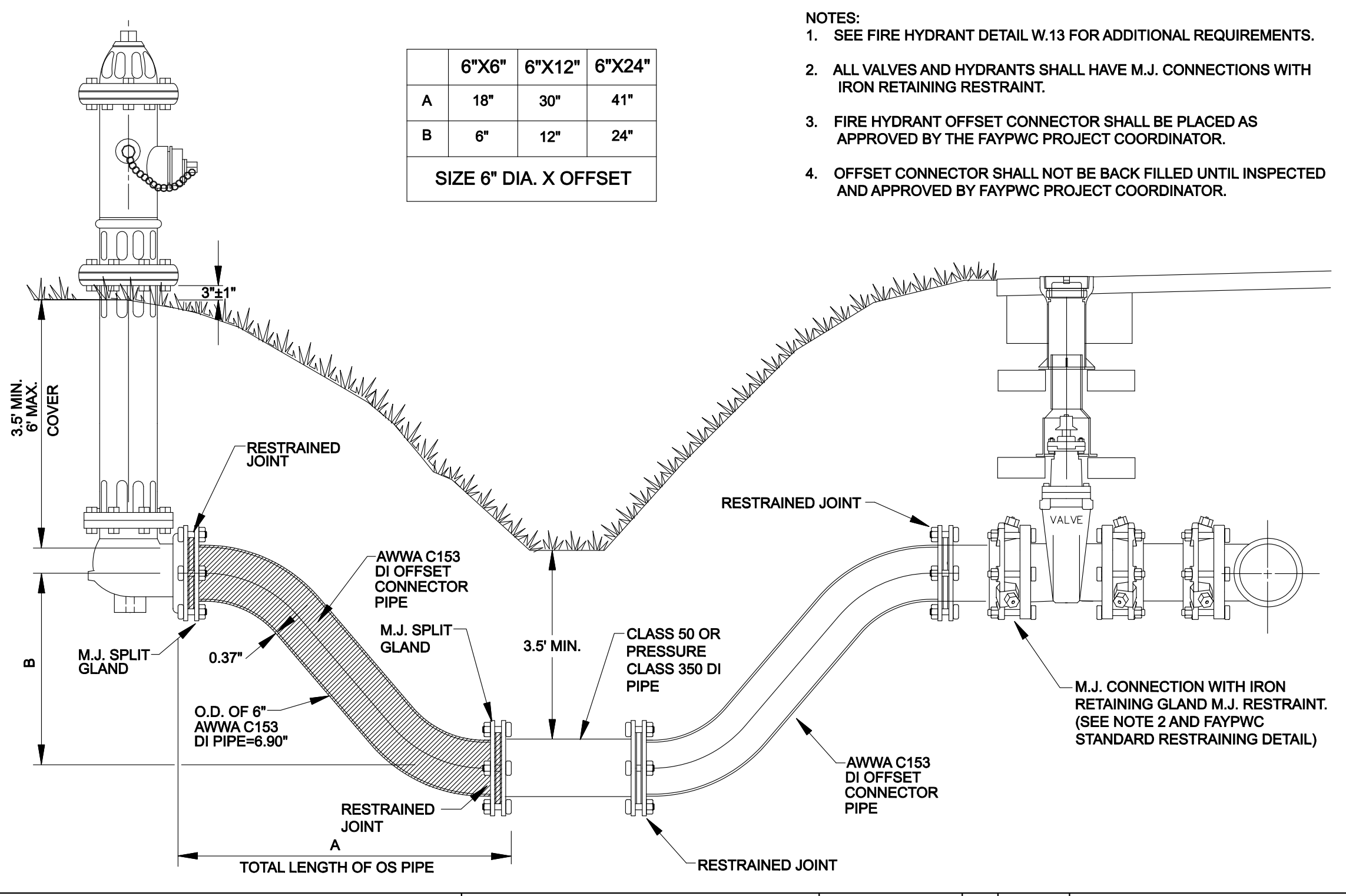
2015-W15 2 BLOWOFF.dwg



- NOTES:**
- SEE FIRE HYDRANT DETAIL W.13 FOR ADDITIONAL REQUIREMENTS.
 - ALL VALVES AND HYDRANTS SHALL HAVE M.J. CONNECTIONS WITH IRON RETAINING GLAND M.J. RESTRAINT.
 - FIRE HYDRANT OFFSET CONNECTOR SHALL BE PLACED AS APPROVED BY THE FAYPWC PROJECT COORDINATOR.
 - OFFSET CONNECTOR SHALL NOT BE BACK FILLED UNTIL INSPECTED AND APPROVED BY FAYPWC PROJECT COORDINATOR.

RESTRAINED JOINT FIRE HYDRANT OFFSET CONNECTOR (STEEP BANK) N.T.S.4		PUBLIC WORKS COMMISSION FAYETTEVILLE, N.C.			NO.	DATE	REVISION
SHEET NO. 1 OF 2	DWG. NO. W.14	DWG. BY: FAYPWC	WATER RESOURCES ENGINEERING DEPARTMENT		1	7/09	REVISED NOTES 1, 2 & 3
DATE: JULY 01, 2015	APPROVED BY: J.E.G.						

2015-W14 FHOFFSET.dwg



- NOTES:**
- SEE FIRE HYDRANT DETAIL W.13 FOR ADDITIONAL REQUIREMENTS.
 - ALL VALVES AND HYDRANTS SHALL HAVE M.J. CONNECTIONS WITH IRON RETAINING RESTRAINT.
 - FIRE HYDRANT OFFSET CONNECTOR SHALL BE PLACED AS APPROVED BY THE FAYPWC PROJECT COORDINATOR.
 - OFFSET CONNECTOR SHALL NOT BE BACK FILLED UNTIL INSPECTED AND APPROVED BY FAYPWC PROJECT COORDINATOR.

RESTRAINED JOINT FIRE HYDRANT OFFSET CONNECTOR @ DITCH (N.T.S.)		PUBLIC WORKS COMMISSION FAYETTEVILLE, N.C.			NO.	DATE	REVISION
SHEET NO. 2 OF 2	DWG. NO. W.14	DWG. BY: FAYPWC	WATER RESOURCES ENGINEERING DEPARTMENT		1	JAN 05	ADDED NOTES
DATE: JULY 01, 2015	APPROVED BY: J.E.G.			2	JULY 09	REVISED NOTES 1, 2 & 3	

2015-W14 FHOFFSET.dwg

Prepared by:
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701 CORPORATE CENTER DRIVE, SUITE 475, RALEIGH, NC 27607
919-854-6200 919-854-6259 (fax)
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DATE: 6/22/2016
TIME: 7:35:21 AM
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