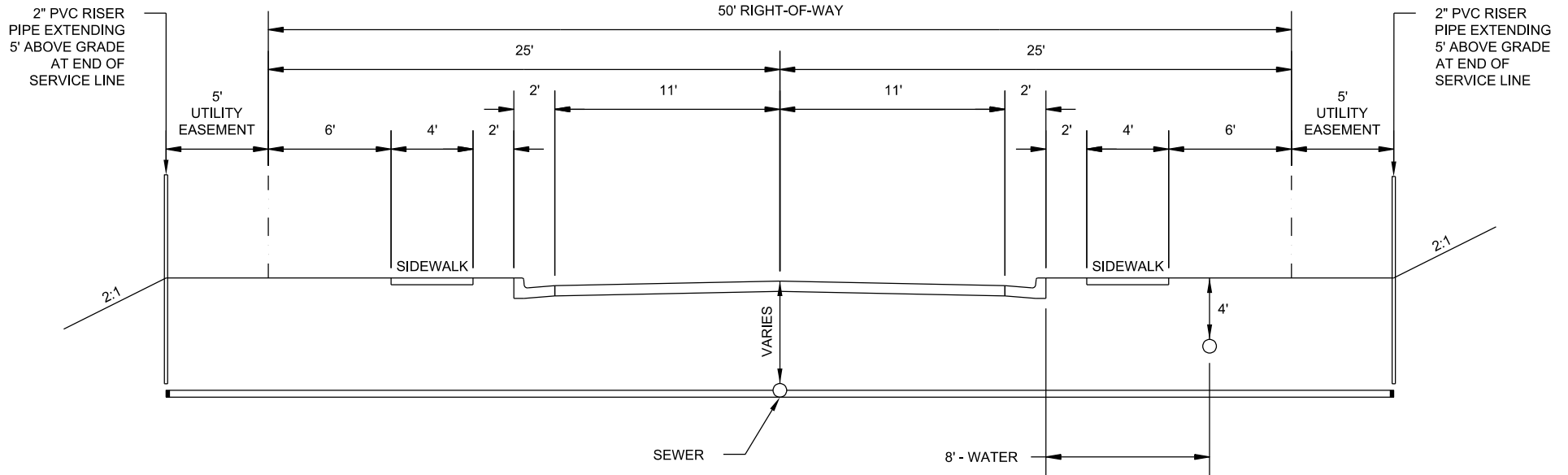


Standard Water Details

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NOTES:

1. NO TREES OR FENCES ALLOWED WITHIN THE ROAD R/W OR UTILITY EASEMENT EXCEPT WHERE REQUIRED BY CITY, COUNTY, OR OTHER GOVERNMENT ORDINANCE.
2. ALL TREES SHALL BE CLEARED AND SHOULDERS GRADED WITHIN 6" OF FINAL GRADE (INCLUDING UTILITY EASEMENT) PRIOR TO THE INSTALLATION OF ANY UTILITIES.
3. UTILITY PLACEMENT SHALL REMAIN CONSISTENT FROM BACK OF CURB THROUGHOUT THE PROJECT REGARDLESS OF ANY INCONSISTENCIES IN ROAD CONSTRUCTION. EXAMPLES: STORM SEWERS, CULVERTS, CUL-DE-SACS, ETC...(EXCEPT CATV).
4. TOTAL CLEARED AND GRADED WIDTH TO BE 60' MINIMUM. ELECTRIC, GAS, TELEPHONE, AND CABLE TELEVISION.
5. PROPERTY CORNER REFERENCE SHALL BE PLACED ON CURB AND GUTTER AND ON 10' OFFSET STAKE.
6. UTILITY EASEMENT SHALL BE SHOWN AND RECORDED WITH THE FINAL PLAT.
7. WATER METER BOXES SHALL BE LOCATED 6' BACK OF R/W. SEWER SERVICES SHALL BE STUBBED OUT 17' BACK OF CURB.
8. WATER LATERALS SHALL BE MARKED WITH A BLUE "W" ON CURB. SEWER LATERALS SHALL BE MARKED WITH A GREEN "X" ON CURB.
9. DEPTH REQUIREMENTS INDICATE MINIMUM DEPTH AT TIME OF INSTALLATION BELOW CURB LINE.
10. THIS STANDARD MAY BE COMBINED WITH JOINT USE STANDARD.
11. UTILITIES SHALL BE LOCATED WITHIN PLUS/MINUS 6" OF PLAN LOCATION.



HENRY COUNTY WATER AUTHORITY

**RESIDENTIAL UTILITY PLACEMENT
FOR ROAD WITH 50' RIGHT-OF-WAY**

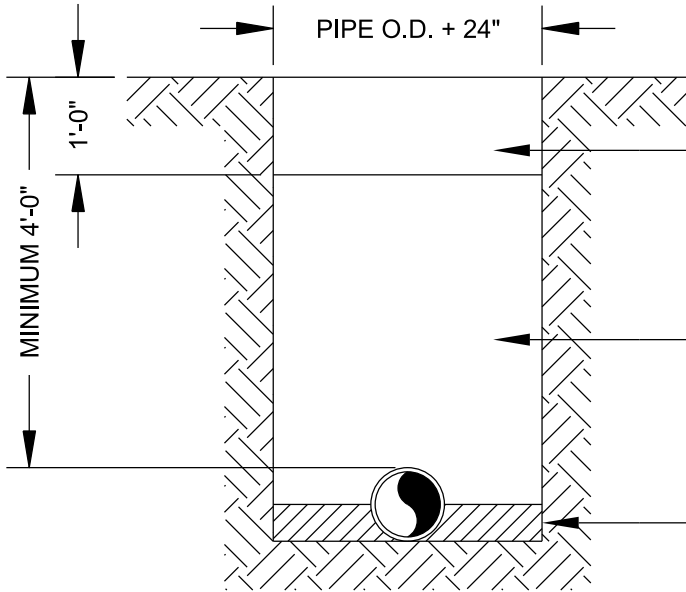
SPEC. DATE: 2023

REVISED: 09/11/2018

SCALE: N.T.S.

DETAIL NO.

W01



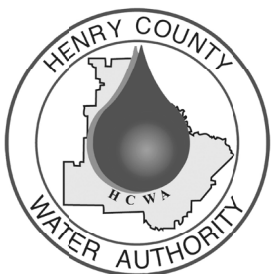
SELECT EARTH BACKFILL PLACED IN 6" LIFTS AND COMPACTED TO MINIMUM 90 PERCENT STANDARD PROCTOR, (ASTM D698) OR AS REQUIRED BY HCWA

SELECT EARTH BACKFILL PLACED IN 6" LIFTS AND COMPACTED TO MINIMUM 90 PERCENT STANDARD PROCTOR, (ASTM D698) OR AS REQUIRED BY HCWA

FLAT BOTTOM TRENCH (I.E. UNDISTURBED EARTH) WITH SELECT EARTH BACKFILL LIGHTLY CONSOLIDATED TO CENTERLINE OF PIPE

NOTES:

1. DUCTILE IRON PIPE FOR WATER MAINS SHALL BE BEDDED IN ACCORDANCE WITH ANSI/AWWA C150/A21.50 AND ANSI/AWWA C151/A21.51, TYPE 2 LAYING CONDITION.
2. MINIMUM DEPTH OF COVER SHALL BE 4'-0" UNLESS OTHERWISE APPROVED BY HCWA.



HENRY COUNTY WATER AUTHORITY

**WATER LINE
TRENCH DETAIL**

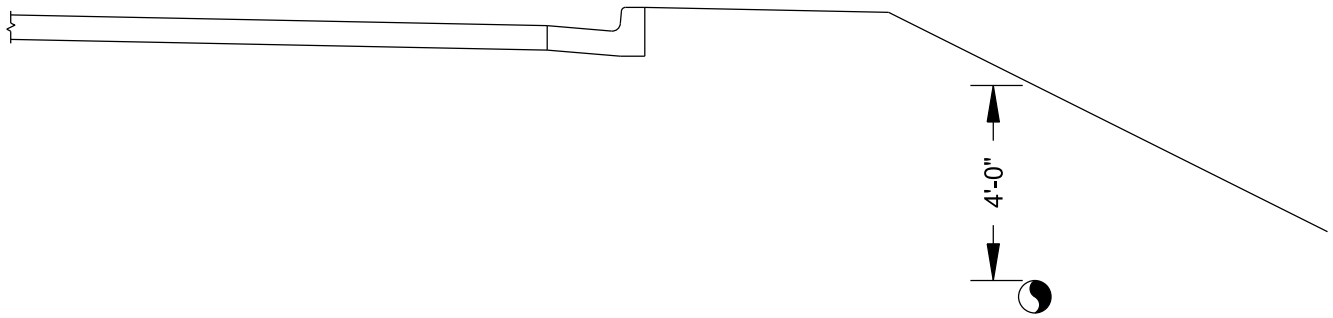
SPEC. DATE: 2023

REVISED: 9/11/2018

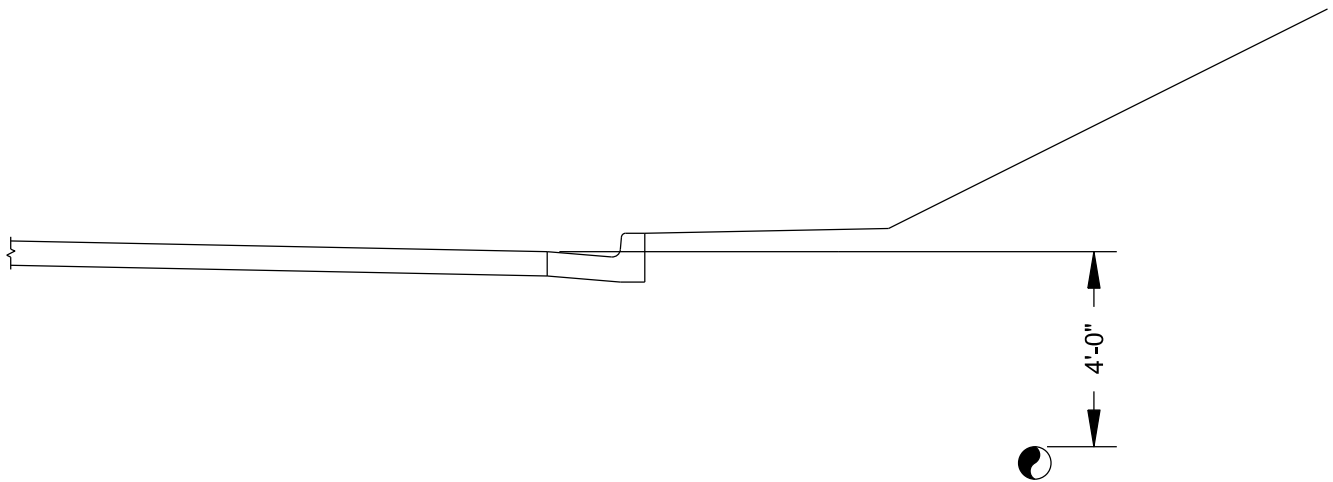
SCALE: N.T.S.

DETAIL NO.

W02



PIPE DEPTH WITH DECLINING GRADE
AT EDGE OF PAVEMENT



PIPE DEPTH WITH INCREASING GRADE
AT EDGE OF PAVEMENT

NOTES:

1. WATER MAINS SHALL HAVE A MINIMUM DEPTH OF COVER OF 4'-0" UNLESS OTHERWISE APPROVED BY HCWA.



HENRY COUNTY WATER AUTHORITY

**PIPE DEPTH AT
EDGE OF PAVEMENT**

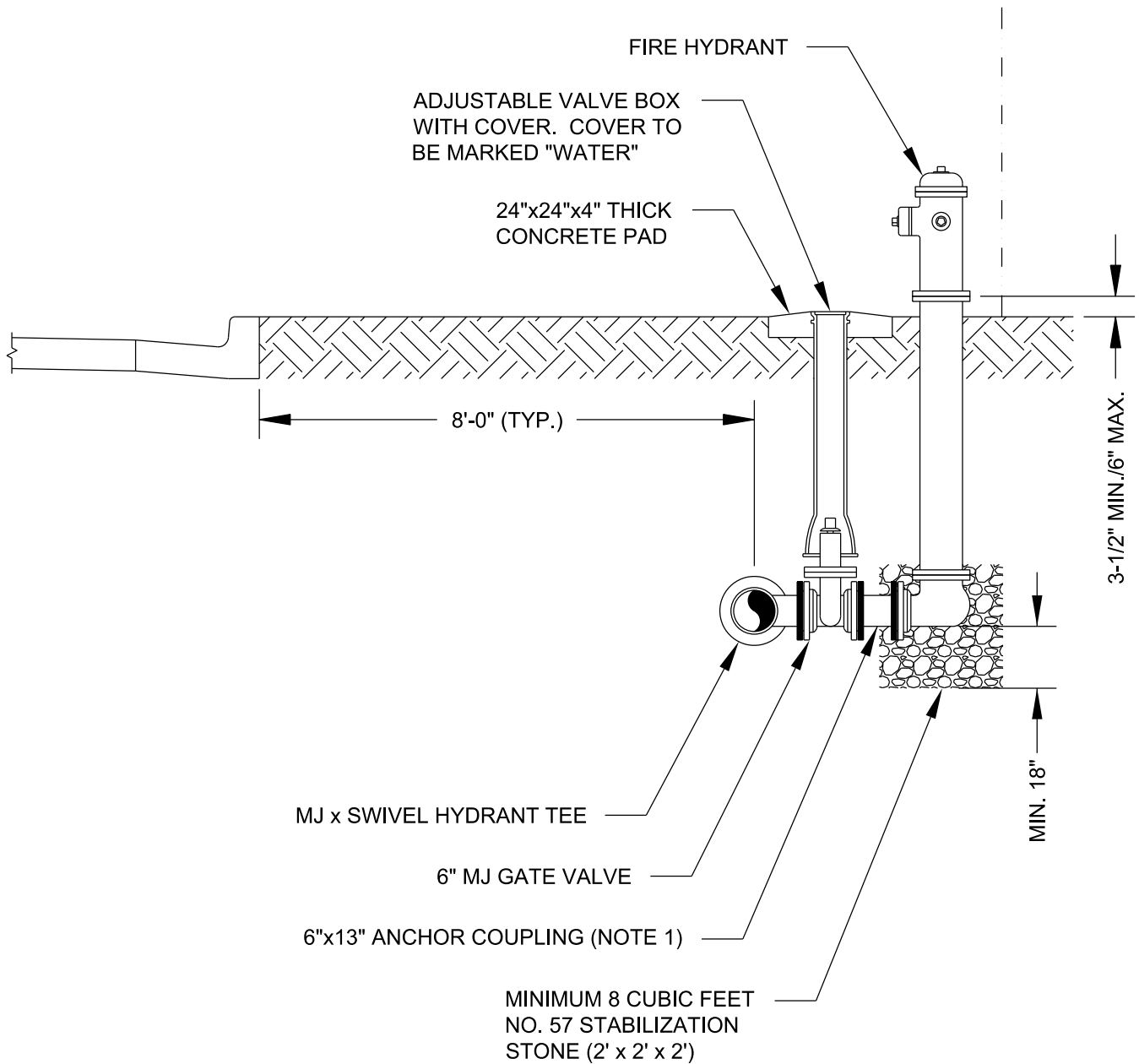
SPEC. DATE: 2023

REVISED: 9/11/2018

SCALE: N.T.S.

DETAIL NO.

W03



NOTES:

1. LONGER ANCHOR COUPLINGS MAY BE USED WHEN REQUIRED. IF ANCHOR COUPLINGS ARE NOT USED, VALVE SHALL BE RODDED TO THE TEE AND HYDRANT SHALL BE RODDED TO THE VALVE USING A MINIMUM OF TWO (2) 3/4" THREADED RODS ON EACH CONNECTION.



HENRY COUNTY WATER AUTHORITY

TYPICAL FIRE HYDRANT ASSEMBLY

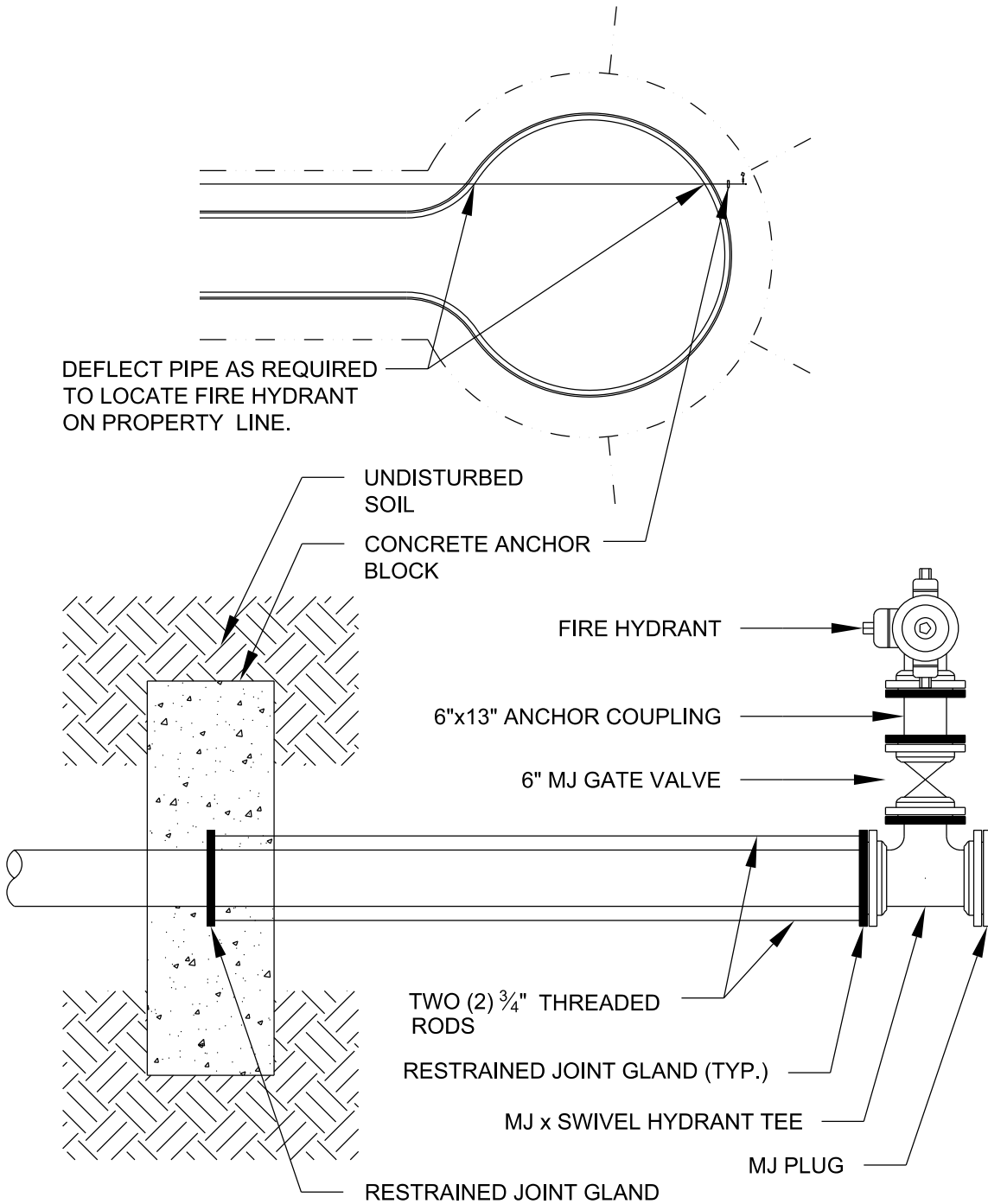
SPEC. DATE: 2023

REVISED: 01/31/2018

SCALE: N.T.S.

DETAIL NO.

W04



NOTES:

1. ALL FITTINGS AND VALVES SHALL BE RESTRAINED.



HENRY COUNTY WATER AUTHORITY

**FIRE HYDRANT IN
CUL-DE-SAC**

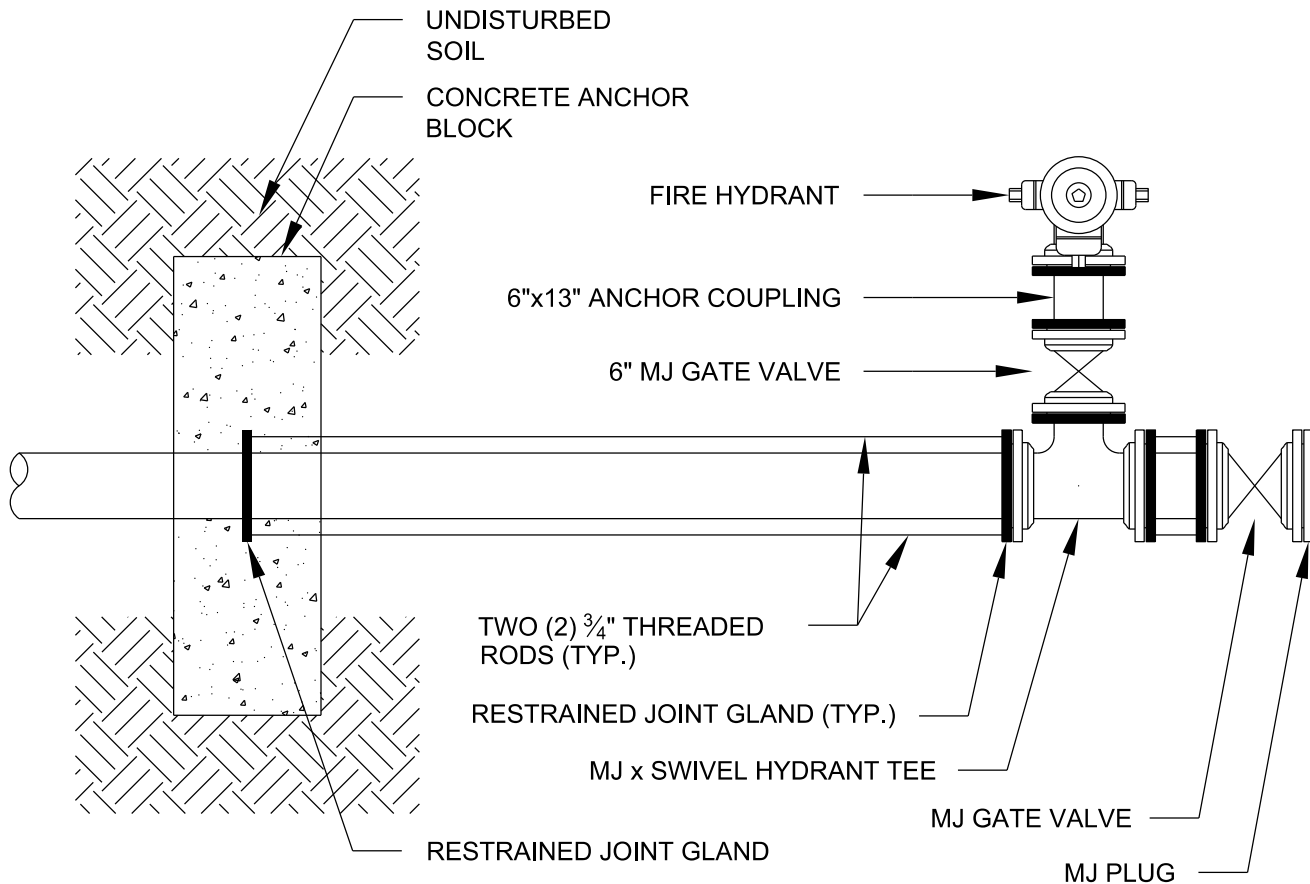
SPEC. DATE: 2023

REVISED: 01/31/2018

SCALE: N.T.S.

DETAIL NO.

W05



NOTES:

1. ALL FITTINGS AND VALVES SHALL BE RESTRAINED.
2. FIELD CONDITION MAY REQUIRE ADDITIONAL RESTRAINT AS DIRECTED BY HCWA.



HENRY COUNTY WATER AUTHORITY

**FIRE HYDRANT AT
DEAD END**

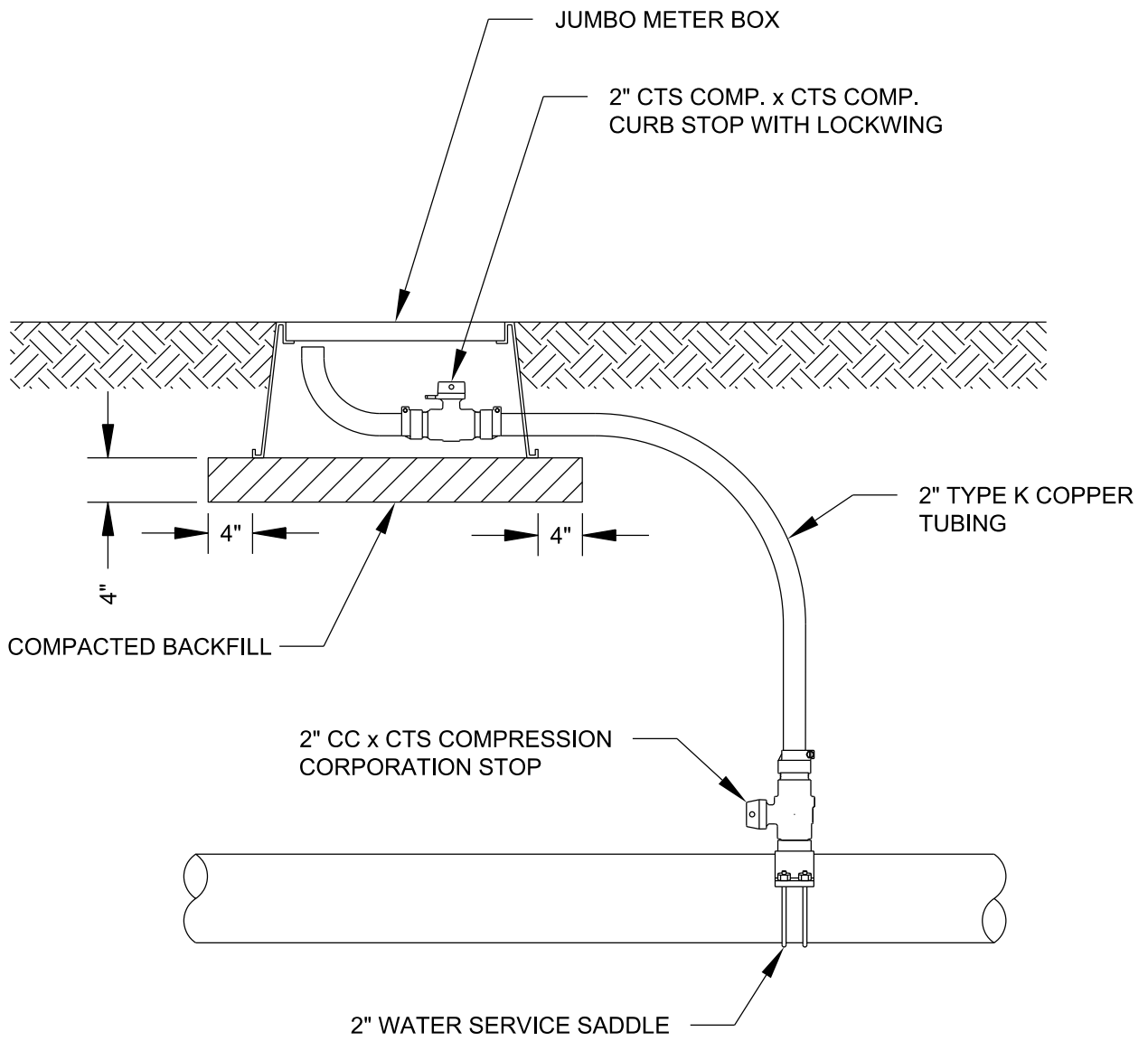
SPEC. DATE: 2023

REVISED: 01/31/2018

SCALE: N.T.S.

DETAIL NO.

W06



HENRY COUNTY WATER AUTHORITY

WATER LINE BLOW-OFF

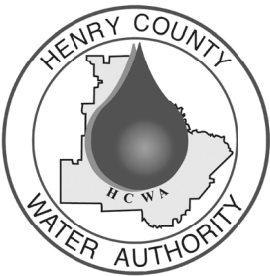
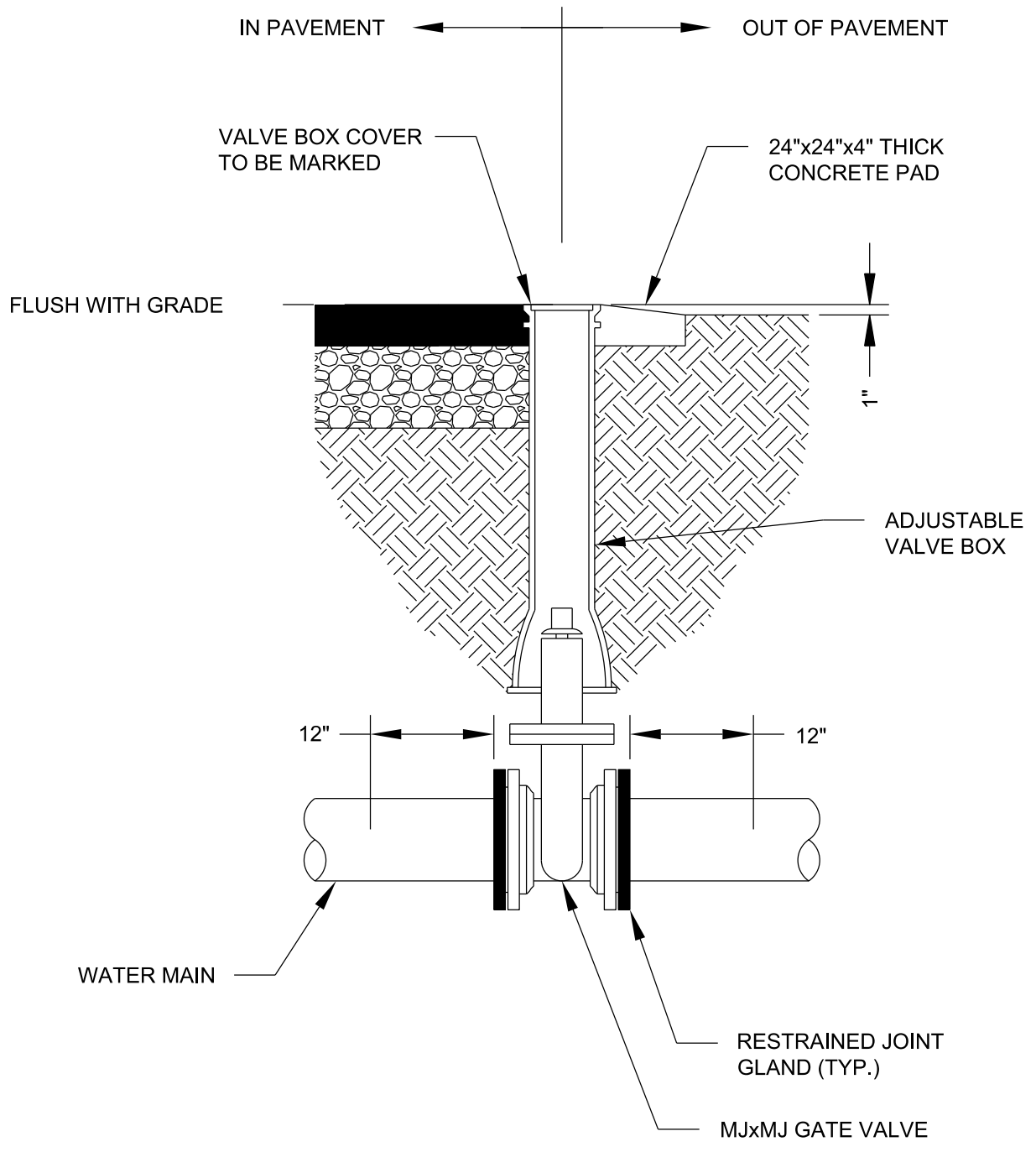
SPEC. DATE: 2023

REVISED: 02/02/2018

SCALE: N.T.S.

DETAIL NO.

W07



HENRY COUNTY WATER AUTHORITY

WATER LINE ISOLATION VALVE

SPEC. DATE: 2023

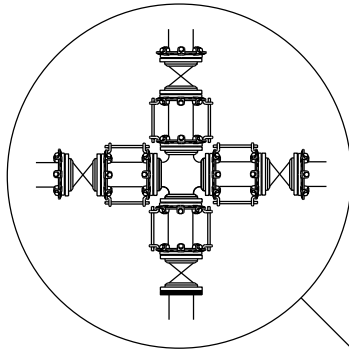
REVISED: 01/31/2018

SCALE: N.T.S.

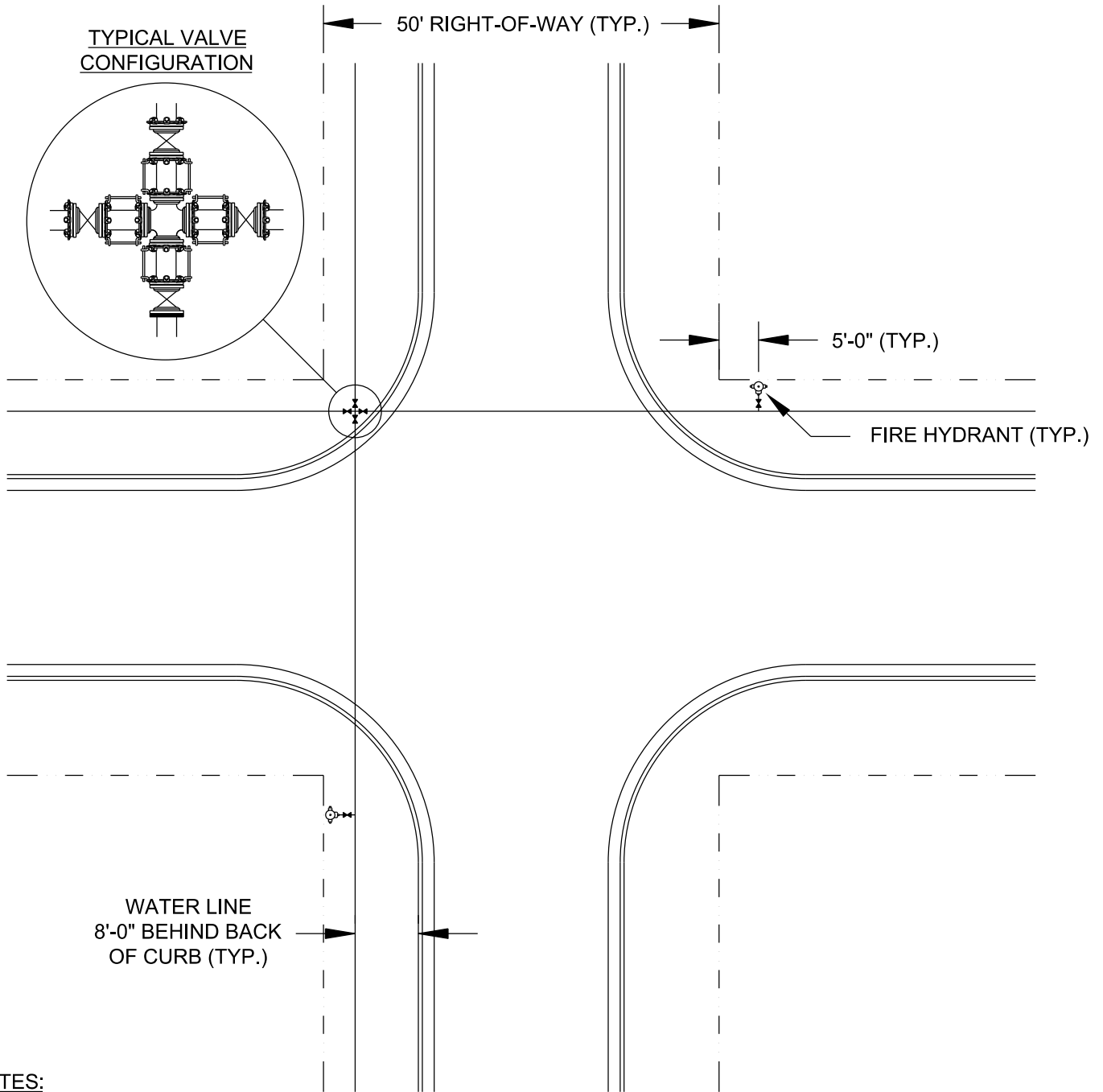
DETAIL NO.

W08

TYPICAL VALVE CONFIGURATION

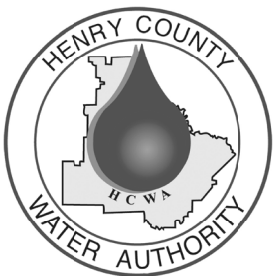


50' RIGHT-OF-WAY (TYP.)



NOTES:

1. WHERE EXISTING STRUCTURES EXIST AND INTERFERE WITH THE ROUTE OF THE WATER LINE, THE WATER LINE SHALL BE ROUTED AROUND THE STRUCTURE BY PIPE JOINT DEFLECTION OR, WHERE NECESSARY, WITH MAXIMUM 45° BENDS.
2. VALVES AT CROSS CONNECTIONS SHALL BE RODDED TO THE FITTING USING A MINIMUM OF TWO 3/4" THREADED RODS. THE MJ FLANGE ON THE OPPOSITE SIDE OF THE FITTING SHALL BE RESTRAINED USING A MEGALUG.



HENRY COUNTY WATER AUTHORITY

WATER LINE INTERSECTION

SPEC. DATE: 2023

REVISED: 02/21/2018

SCALE: N.T.S.

DETAIL NO.

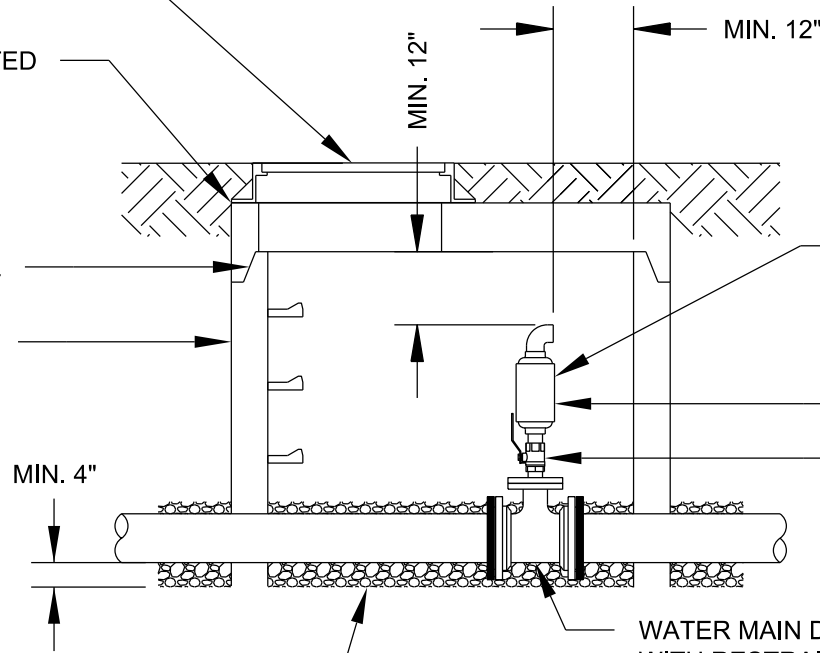
W09

30" MANHOLE FRAME
AND VENTED COVER

60" HS-20 LOAD RATED
PRECAST FLAT TOP

PREFORMED BUTYL
JOINT SEAL

60" PRECAST
MANHOLE SECTION



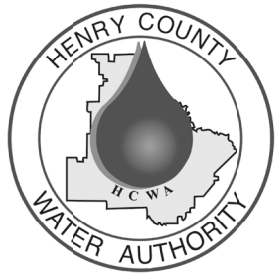
VALVE PLACEMENT SO AS TO
NOT OBSTRUCT ACCESS
FOR MAINTENANCE

AIR RELEASE VALVE

- (1) MNPT x MNPT TYPE 316 SS NIPPLE
- (1) FNPT x FNPT TYPE 316 SS BALL VALVE
- (1) MNPT x MNPT TYPE 316 SS NIPPLE
- (1) 4" BLIND FLANGE WITH FNPT TAP

WATER MAIN DIA. x 4" MJ x FLG TEE
WITH RESTRAINED JOINT GLANDS

#57 STABILIZATION STONE



HENRY COUNTY WATER AUTHORITY

WATER MAIN COMBINATION AIR/VACUUM VALVE

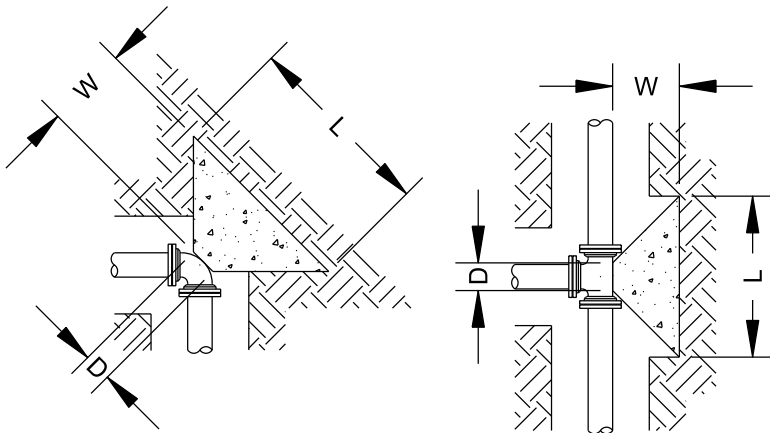
SPEC. DATE: 2023

REVISED: 01/31/2018

SCALE: N.T.S.

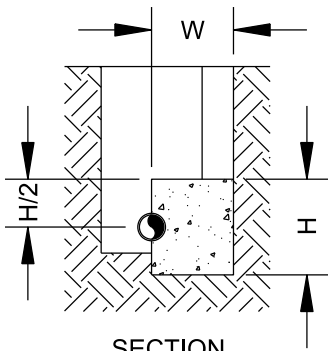
DETAIL NO.

W10



BEND PLAN

TEE PLAN



SECTION

TEES						
PIPE DIA. (IN)	D DIM.	L DIM.	H DIM.	W DIM.	CONC. VOLUME (YD ³)	THRUST (LBF)
4	0'-6"	2'-4"	1'-2"	0'-11"	0.06	4,072
6	0'-8"	3'-4"	1'-8"	1'-4"	0.16	8,413
8	0'-9"	4'-5"	2'-3"	1'-10"	0.39	14,473
10	0'-11"	5'-5"	2'-9"	2'-3"	0.73	21,773
12	1'-1"	6'-5"	3'-3"	2'-8"	1.20	30,791
90° BENDS						
PIPE DIA. (IN)	D DIM.	L DIM.	H DIM.	W DIM.	CONC. VOLUME (YD ³)	THRUST (LBF)
4	0'-5"	2'-9"	1'-5"	1'-2"	0.10	5,758
6	0'-8"	4'-0"	2'-0"	1'-8"	0.29	11,898
8	0'-9"	5'-3"	2'-8"	2'-3"	0.67	20,468
10	0'-11"	6'-5"	3'-3"	2'-9"	1.21	30,792
12	1'-1"	8'-7"	3'-10"	3'-3"	2.00	43,545
45° BENDS						
PIPE DIA. (IN)	D DIM.	L DIM.	H DIM.	W DIM.	CONC. VOLUME (YD ³)	THRUST (LBF)
4	0'-4"	2'-0"	1'-0"	0'-10"	0.04	3,116
6	0'-7"	2'-11"	1'-6"	1'-2"	0.11	6,439
8	0'-8"	3'-10"	1'-11"	1'-7"	0.25	11,077
10	0'-11"	4'-9"	2'-5"	1'-11"	0.49	16,664
12	1'-1"	6'-7"	2'-10"	2'-3"	0.79	23,566
22½° BENDS						
PIPE DIA. (IN)	D DIM.	L DIM.	H DIM.	W DIM.	CONC. VOLUME (YD ³)	THRUST (LBF)
4	0'-5"	1'-5"	0'-9"	0'-6"	0.01	1,589
6	0'-7"	2'-1"	1'-1"	0'-9"	0.04	3,283
8	0'-9"	2'-9"	1'-5"	1'-0"	0.09	5,647
10	0'-10"	3'-4"	1'-8"	1'-3"	0.16	8,495
12	1'-0"	4'-0"	2'-0"	1'-6"	0.28	12,014

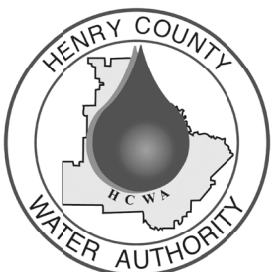
NOTES:

1. THRUST BLOCK DIMENSIONS ARE BASED ON THE FOLLOWING DESIGN CRITERIA.

- WORKING PRESSURE = 150 PSI
- SOIL BEARING CAPACITY = 1,500 PSF
- SAFETY FACTOR = 1.5

THESE ARE THE MINIMUM DESIGN CRITERIA. IF ACTUAL WORKING PRESSURE IS GREATER THAN 150 PSI OR IF ACTUAL SOIL BEARING CAPACITY IS LESS THAN 1,500 PSF, DIMENSIONS SHALL BE RECALCULATED.

- 2. THRUST BLOCK CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2,500 PSI.
- 3. THRUST BLOCK SHALL BEAR AGAINST UNDISTURBED SOIL.
- 4. A MINIMUM 10 MIL PLASTIC SHEET SHALL BE PLACED BETWEEN CONCRETE AND PIPE.
- 5. ALL BOLTS SHALL REMAIN ACCESSIBLE. DO NOT COVER WITH CONCRETE.



HENRY COUNTY WATER AUTHORITY

CONCRETE THRUST BLOCK

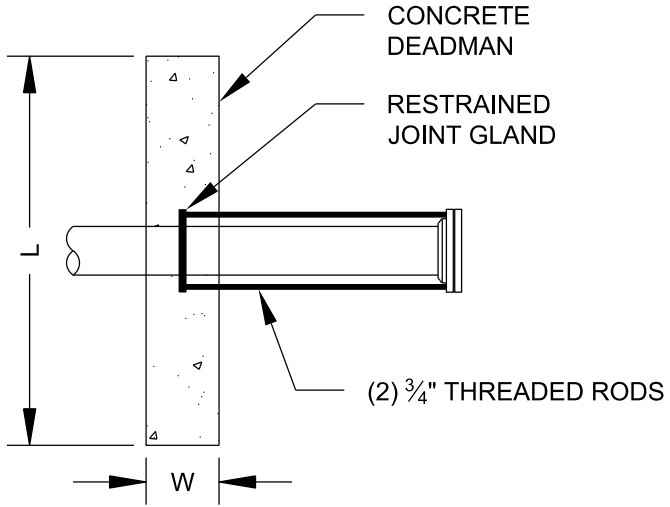
SPEC. DATE: 2023

REVISED: 01/01/2018

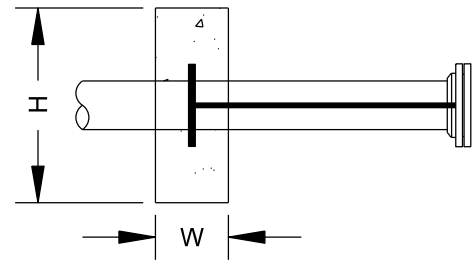
SCALE: N.T.S.

DETAIL NO.

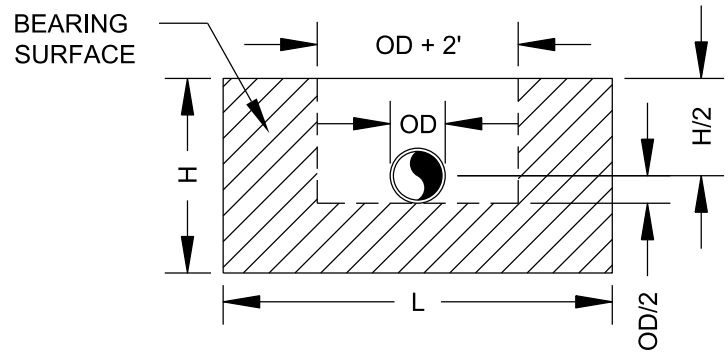
W11



PLAN



SECTION

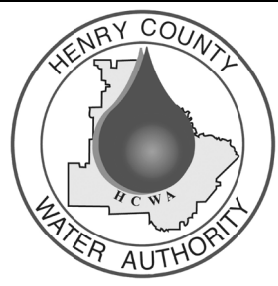


DEADMAN DIMENSION					
PIPE DIA. (IN)	L DIM.	H DIM.	W DIM.	CONC. VOLUME (YD ³)	THRUST (LBF)
4	3'-0"	1'-7"	1'-0"	0.18	4,072
6	4'-3"	2'-1"	1'-0"	0.33	8,413
8	5'-4"	2'-8"	1'-0"	0.53	14,473
10	6'-0"	3'-6"	1'-0"	0.78	21,773
12	7'-1"	4'-0"	1'-0"	1.05	30,791

NOTES:

- DEADMAN DIMENSIONS ARE BASED ON THE FOLLOWING DESIGN CRITERIA.
 WORKING PRESSURE = 150 PSI
 SOIL BEARING CAPACITY = 1,500 PSF
 SAFETY FACTOR = 1.5

 THESE ARE THE MINIMUM DESIGN CRITERIA. IF ACTUAL WORKING PRESSURE IS GREATER THAN 150 PSI OR IF ACTUAL SOIL BEARING CAPACITY IS LESS THAN 1,500 PSF, DIMENSIONS SHALL BE RECALCULATED.
- DEADMAN CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2,500 PSI.
- DEADMAN SHALL BEAR AGAINST UNDISTURBED SOIL.
- A MINIMUM 10 MIL PLASTIC SHEET SHALL BE PLACED BETWEEN CONCRETE AND PIPE.
- ALL BOLTS SHALL REMAIN ACCESSIBLE. DO NOT COVER WITH CONCRETE.



HENRY COUNTY WATER AUTHORITY

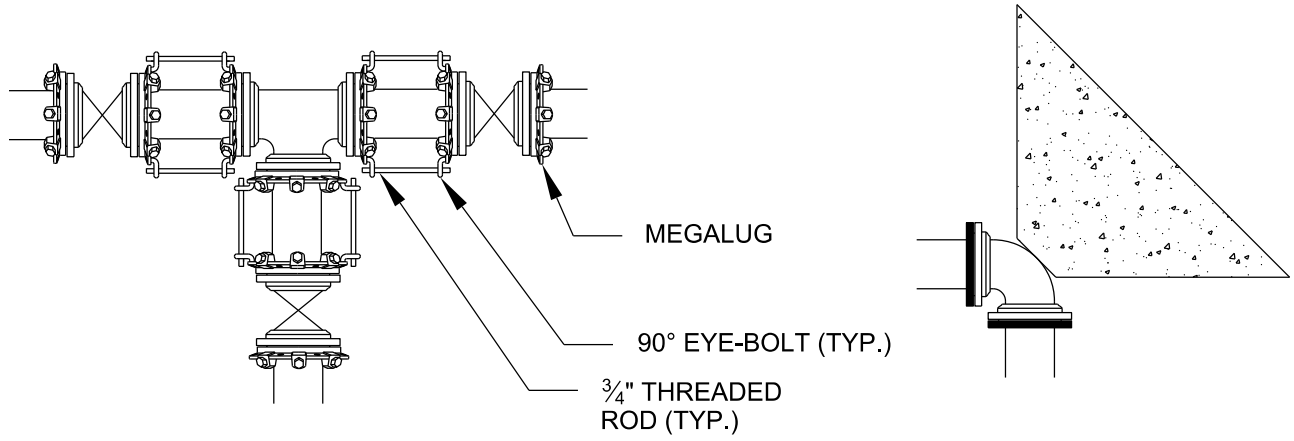
CONCRETE DEADMAN

SPEC. DATE: 2023

REVISED: 01/31/2018

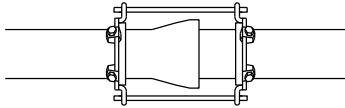
SCALE: N.T.S.

DETAIL NO.
W12

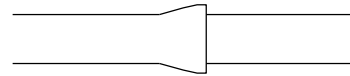


FITTING WITH TIE-RODS AND MEGALUGS

FITTING WITH RESTRAINED JOINT GLAND AND THRUST BLOCK



TIE-RODS FROM RESTRAINED JOINT GLAND TO RESTRAINED JOINT GLAND



PUSH-ON JOINT WITH RESTRAINED JOINT GASKET

PIPE DIA. (IN)	ROD SIZE (IN)	# OF RODS
6	3/4"	2
8	3/4"	4
10	3/4"	4
12	3/4"	4
14	3/4"	4
16	3/4"	6

TIE-ROD CHART

NOTES:

1. RESTRAINED JOINT LENGTHS SHALL BE CALCULATED BY THE DESIGN ENGINEER. CALCULATIONS SHALL BE SUBMITTED TO HCWA.
2. THREADED ROD SHALL HAVE A MINIMUM YIELD STRENGTH OF 50,000 PSI.



HENRY COUNTY WATER AUTHORITY

THRUST RESTRAINT

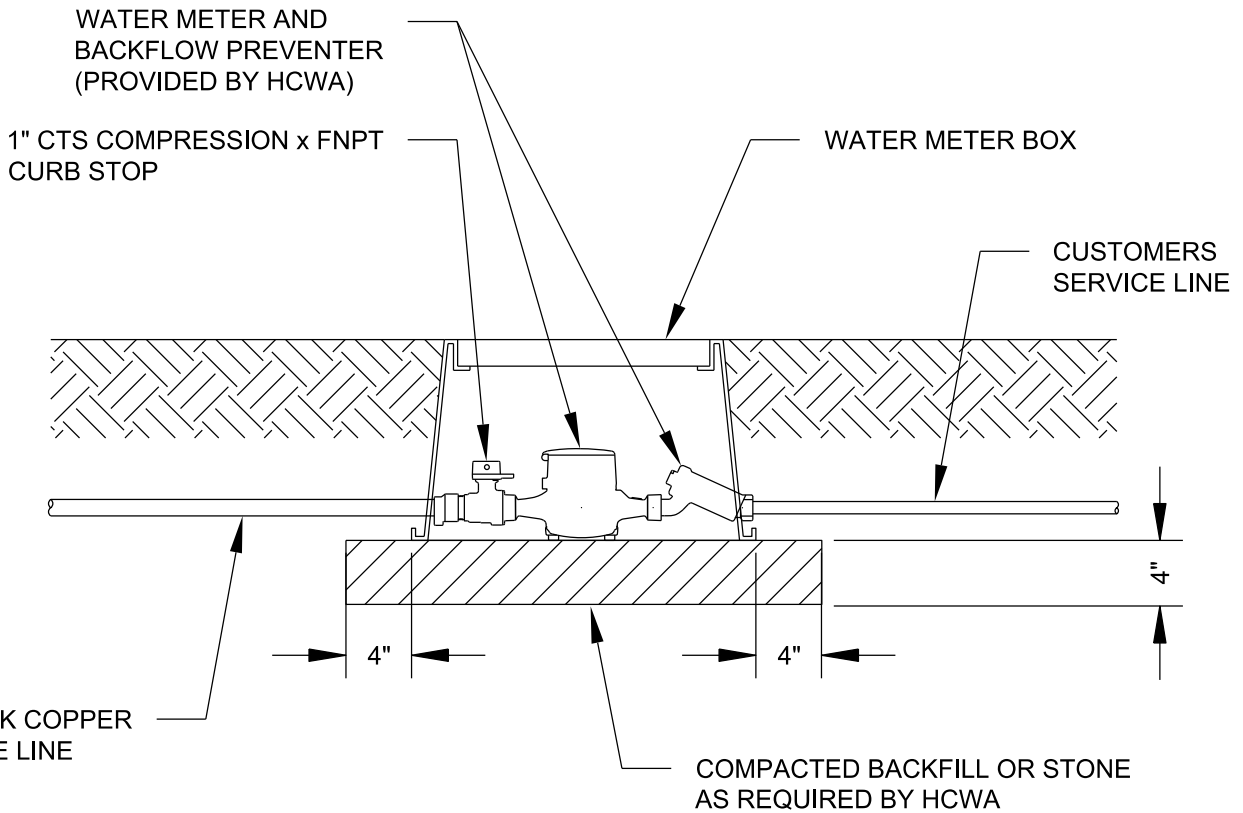
SPEC. DATE: 2023

REVISED: 02/02/2018

SCALE: N.T.S.

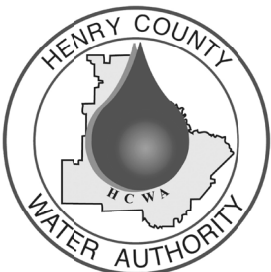
DETAIL NO.

W13



NOTES:

1. HCWA WILL PROVIDE RESIDENTIAL WATER METERS AND BACKFLOW PREVENTERS. ALL OTHER APPURTENANCES SHALL BE PROVIDED BY THE DEVELOPER AND/OR CONTRACTOR.
2. WATER METER BOX LIDS SHALL HAVE 2-INCH DIAMETER HOLE OFFSET FOR TOUCH READ INSTALLATION.
3. EACH SERVICE SHALL BE MARKED WITH A "W" SAW CUT INTO TOP OF CURB AND PAINTED BLUE.
4. INSERT A 4-FOOT LONG PIECE OF 1" PVC PIPE THROUGH THE HOLE IN THE METER BOX LID TO MARK THE METER LOCATION. PAINT PVC PIPE BLUE.
5. NO PERMANENT STRUCTURES SHALL BE LOCATED WITHIN 5 FEET OF WATER SERVICE.
6. TYPICAL INSTALLATION MAY BE MODIFIED AT DISCRETION OF HCWA.



HENRY COUNTY WATER AUTHORITY

RESIDENTIAL WATER METER DETAIL

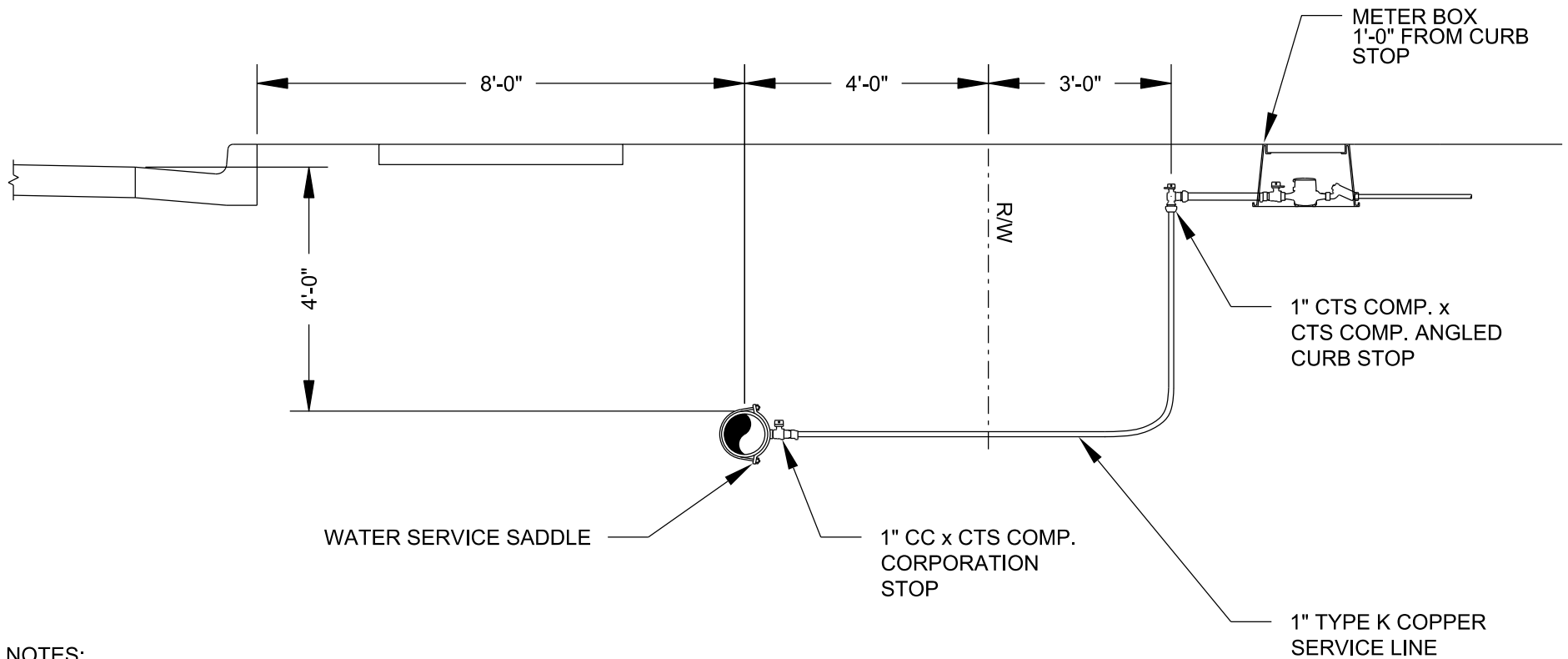
SPEC. DATE: 2023

REVISED: 02/02/2018

SCALE: N.T.S.

DETAIL NO.

W14



NOTES:

1. EACH SERVICE SHALL BE MARKED WITH A "W" SAW CUT INTO TOP OF CURB AND PAINTED BLUE.
2. INSERT A 4-FOOT LONG PIECE OF 1" PVC PIPE THROUGH THE HOLE IN THE METER BOX LID TO MARK THE METER LOCATION. PAINT PVC PIPE BLUE.
3. NO PERMANENT STRUCTURES SHALL BE ALLOWED WITHIN 5 FEET OF WATER SERVICE.
4. TYPICAL INSTALLATION MAY BE MODIFIED AT THE DISCRETION OF HCWA.



HENRY COUNTY WATER AUTHORITY

SHORT SIDE RESIDENTIAL SERVICE DETAIL

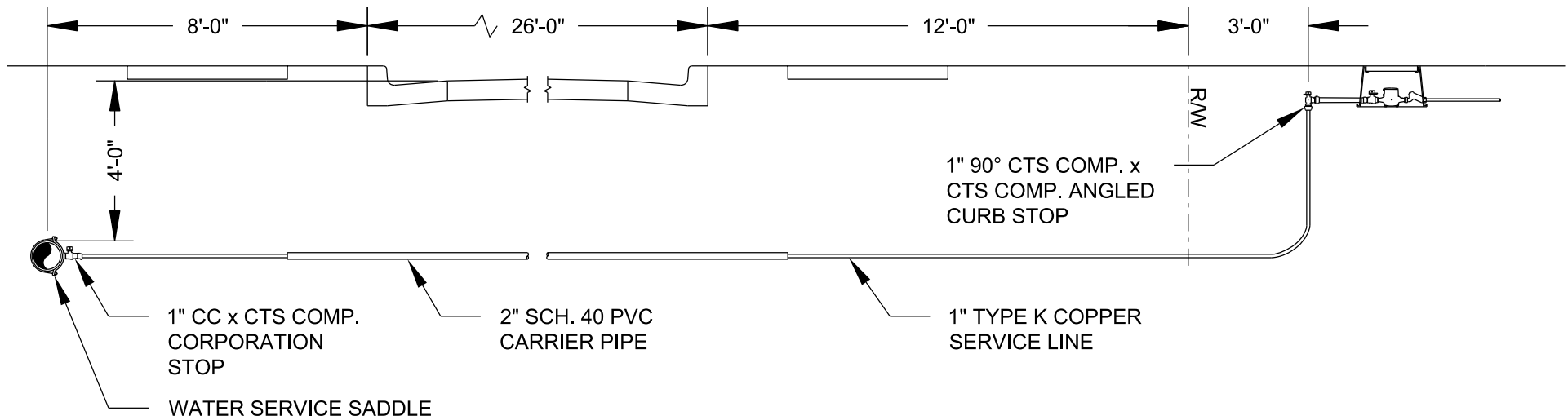
SPEC. DATE: 2023

REVISED: 11/29/2023

SCALE: N.T.S.

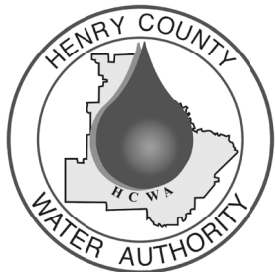
DETAIL NO.

W15



NOTES:

1. EACH SERVICE SHALL BE MARKED WITH A "W" SAW CUT INTO TOP OF CURB AND PAINTED BLUE.
2. INSERT A 4-FOOT LONG PIECE OF 1" PVC PIPE THROUGH THE HOLE IN THE METER BOX LID TO MARK THE METER LOCATION. PAINT PVC PIPE BLUE.
3. NO PERMANENT STRUCTURE SHALL BE ALLOWED WITHIN 5 FEET OF WATER SERVICE.
4. TYPICAL INSTALLATION MAY BE MODIFIED AT THE DISCRETION OF HCWA.



HENRY COUNTY WATER AUTHORITY

**LONG SIDE RESIDENTIAL
SERVICE DETAIL**

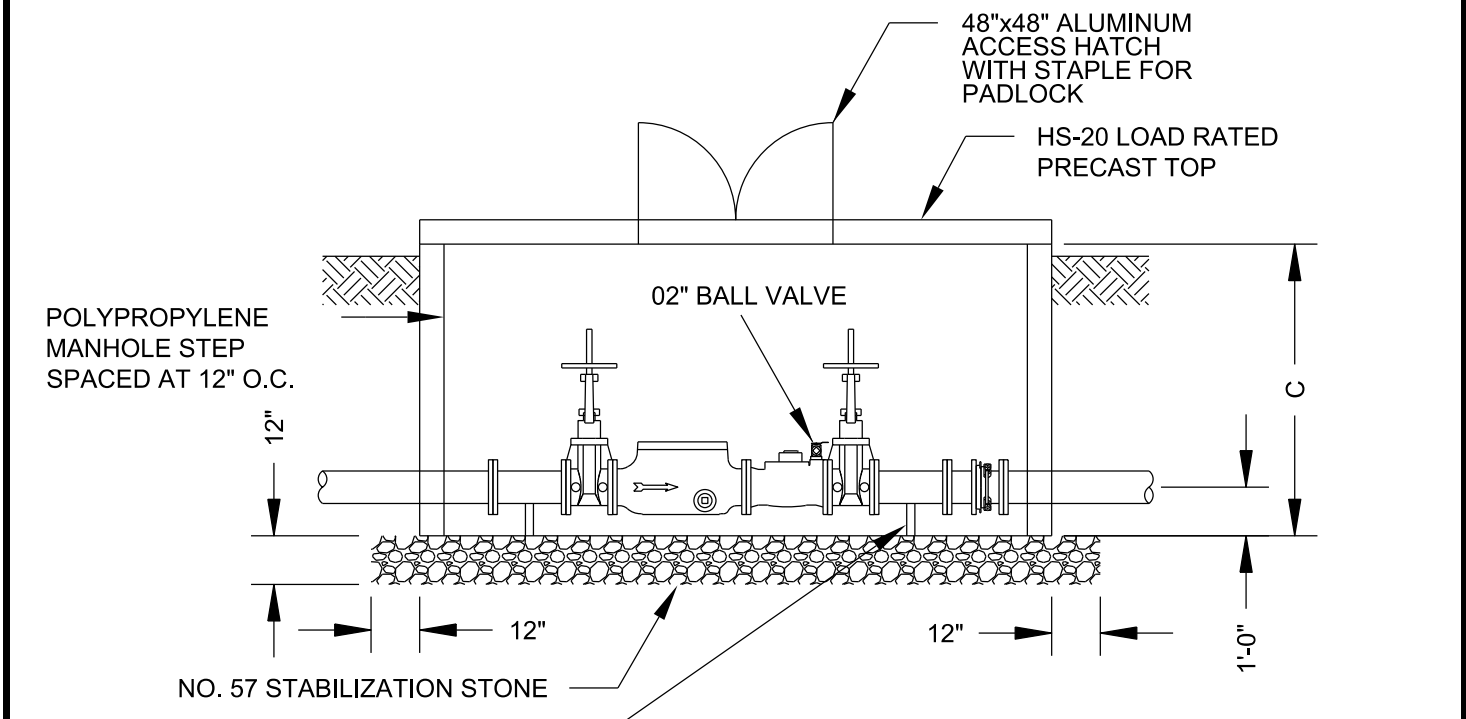
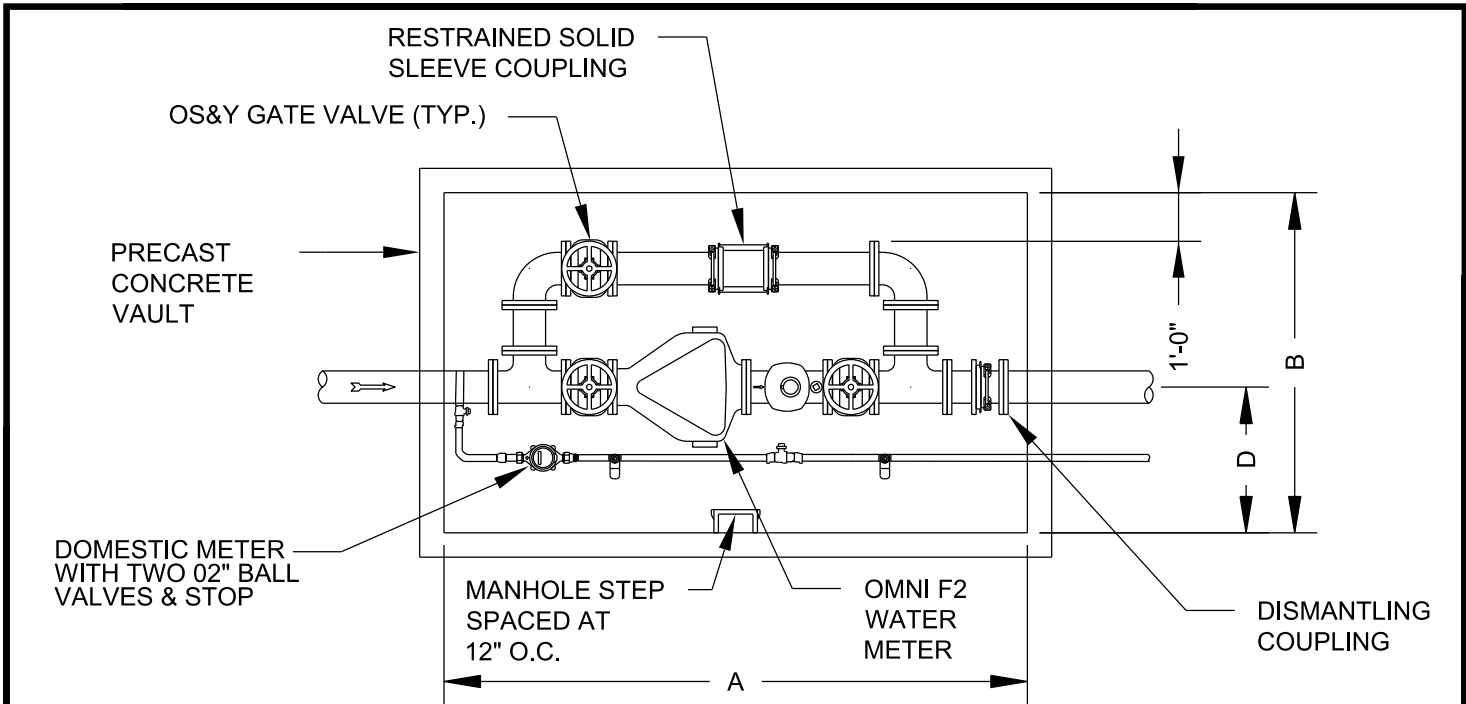
SPEC. DATE: 2023

REVISED: 11/29/2023

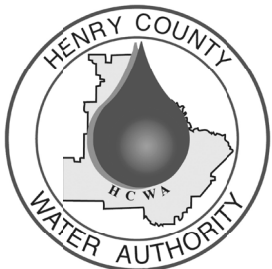
SCALE: N.T.S.

DETAIL NO.

W16



METER SIZE	A	B	C	D
4"	12'-0"	6'-0"	6'-0"	2'-0"
6"	12'-0"	6'-0"	6'-0"	2'-0"
8"	12'-0"	7'-0"	6'-0"	3'-0"



HENRY COUNTY WATER AUTHORITY

4", 6", AND 8" OMNI F2 FIRELINE METER

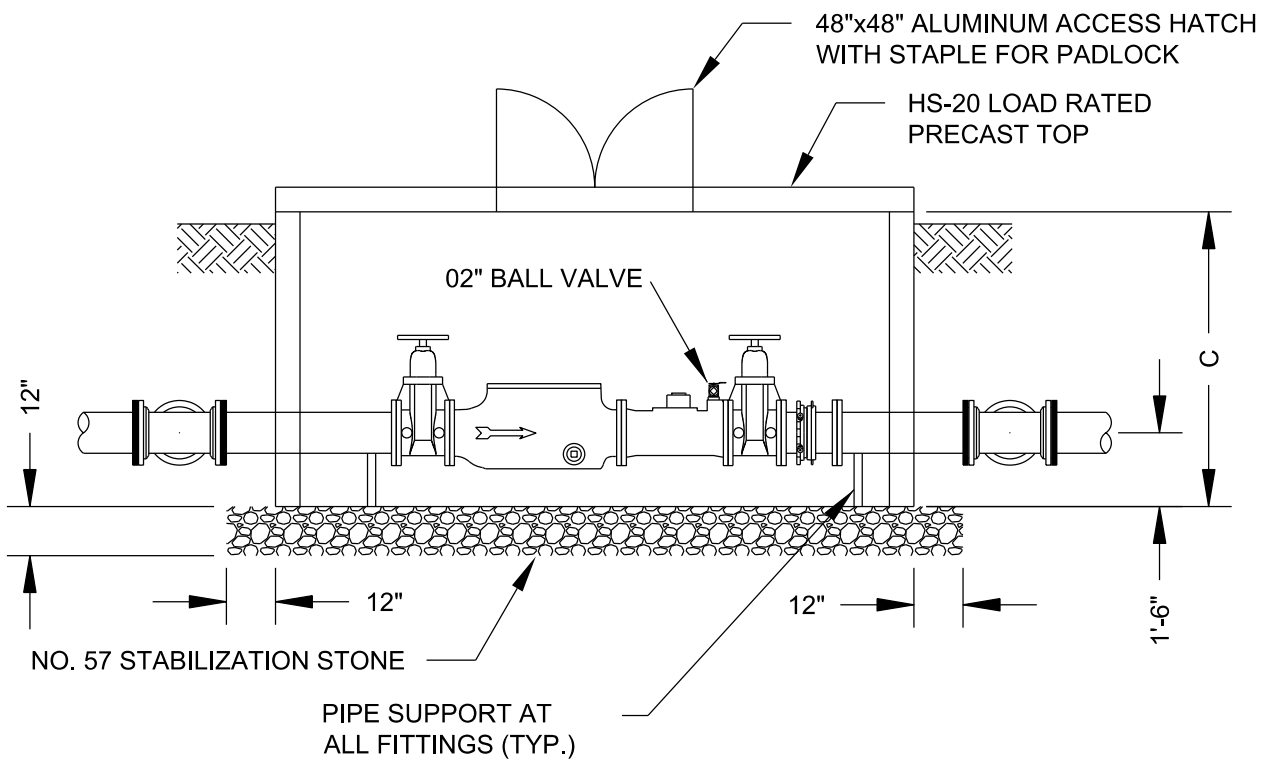
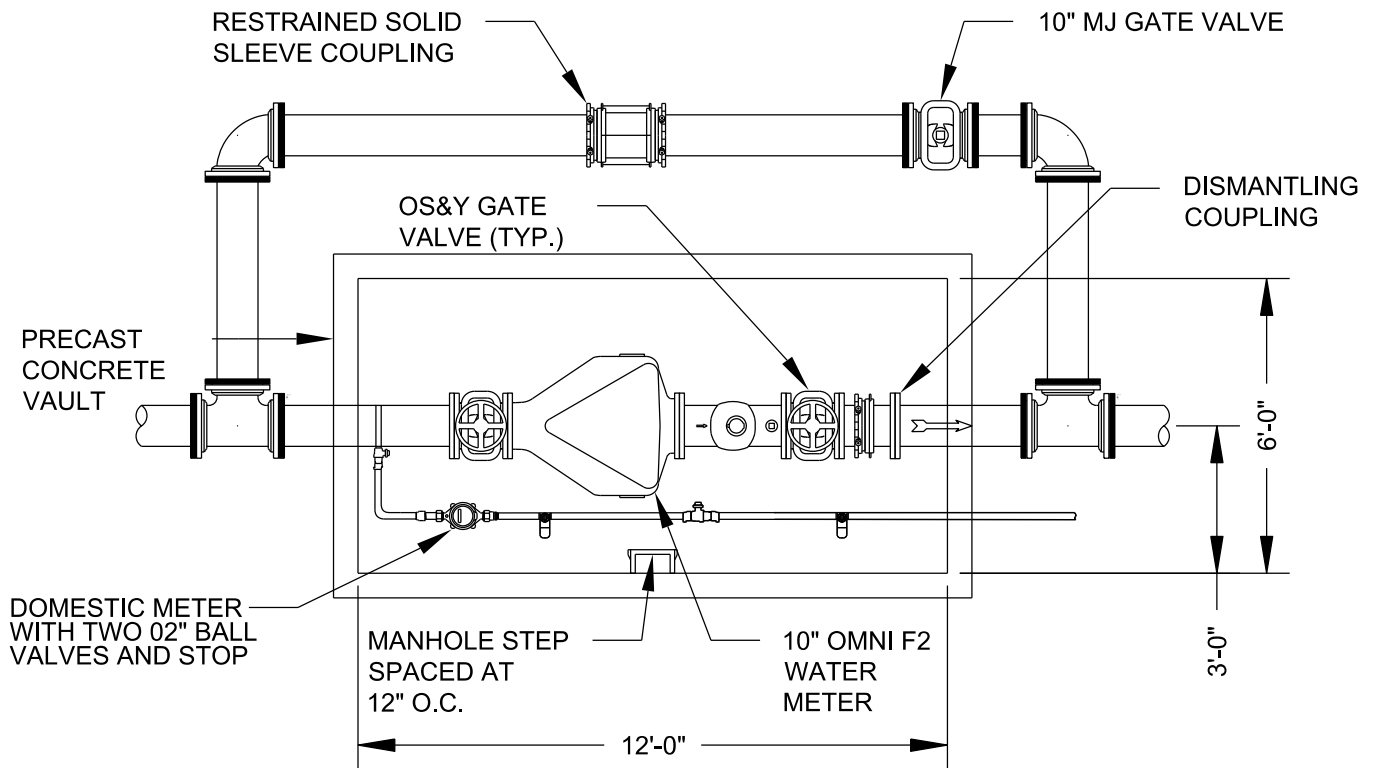
SPEC. DATE: 2023

REVISED: 11/6/2023

SCALE: N.T.S.

DETAIL NO.

W17



NOTES:

1. ALL BURIED VALVES AND FITTINGS SHALL HAVE MJ FLANGES AND SHALL BE RESTRAINED WITH RESTRAINED JOINT GLANDS.



HENRY COUNTY WATER AUTHORITY

10" OMNI F2 COMPACT FIRELINE METER

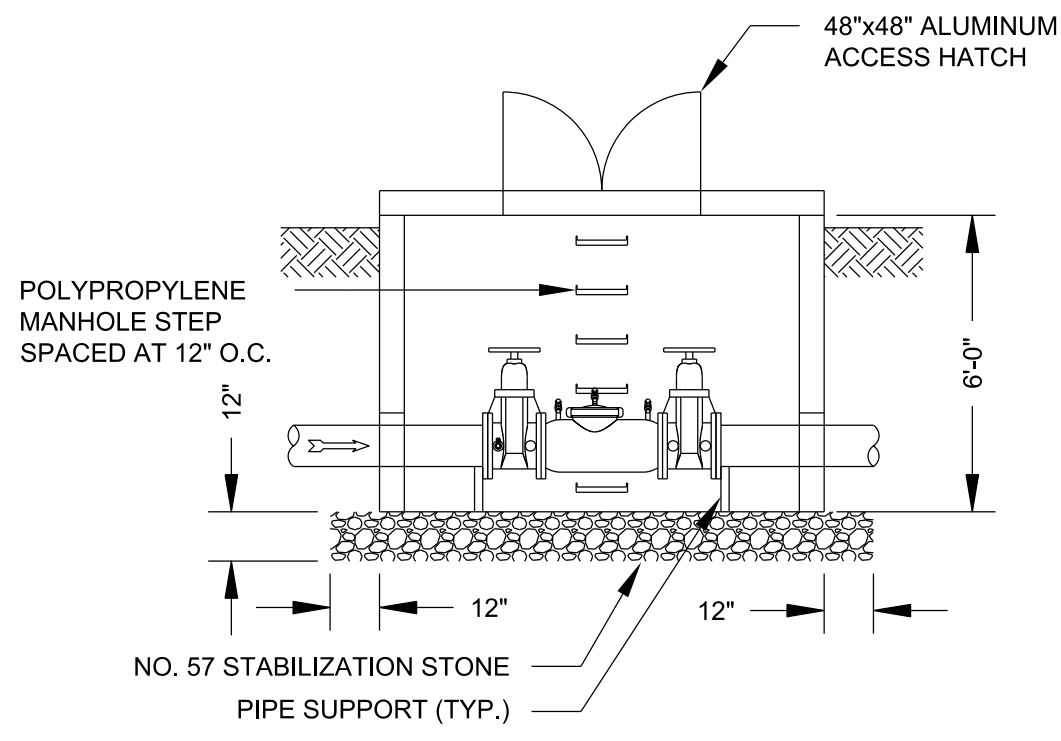
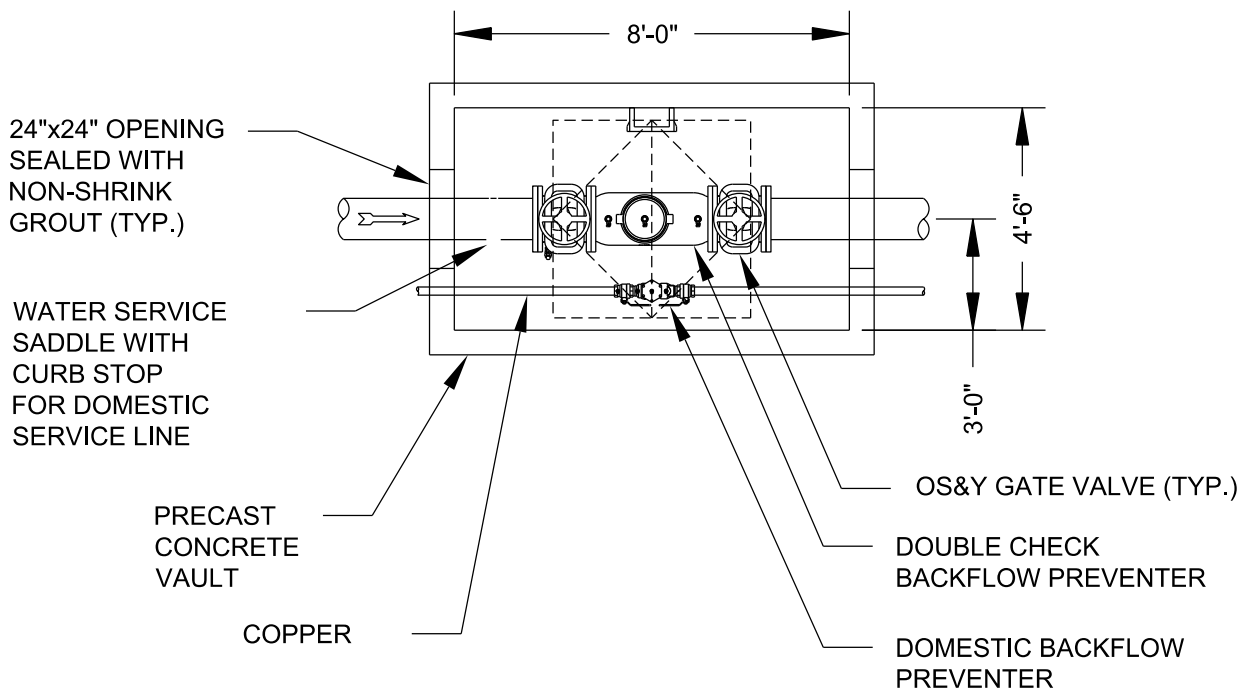
SPEC. DATE: 2023

REVISED: 11/6/2023

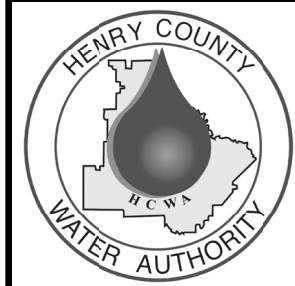
SCALE: N.T.S.

DETAIL NO.

W18



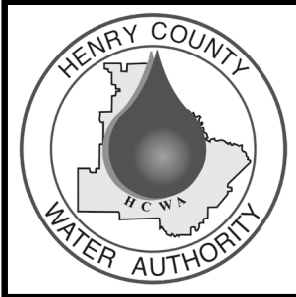
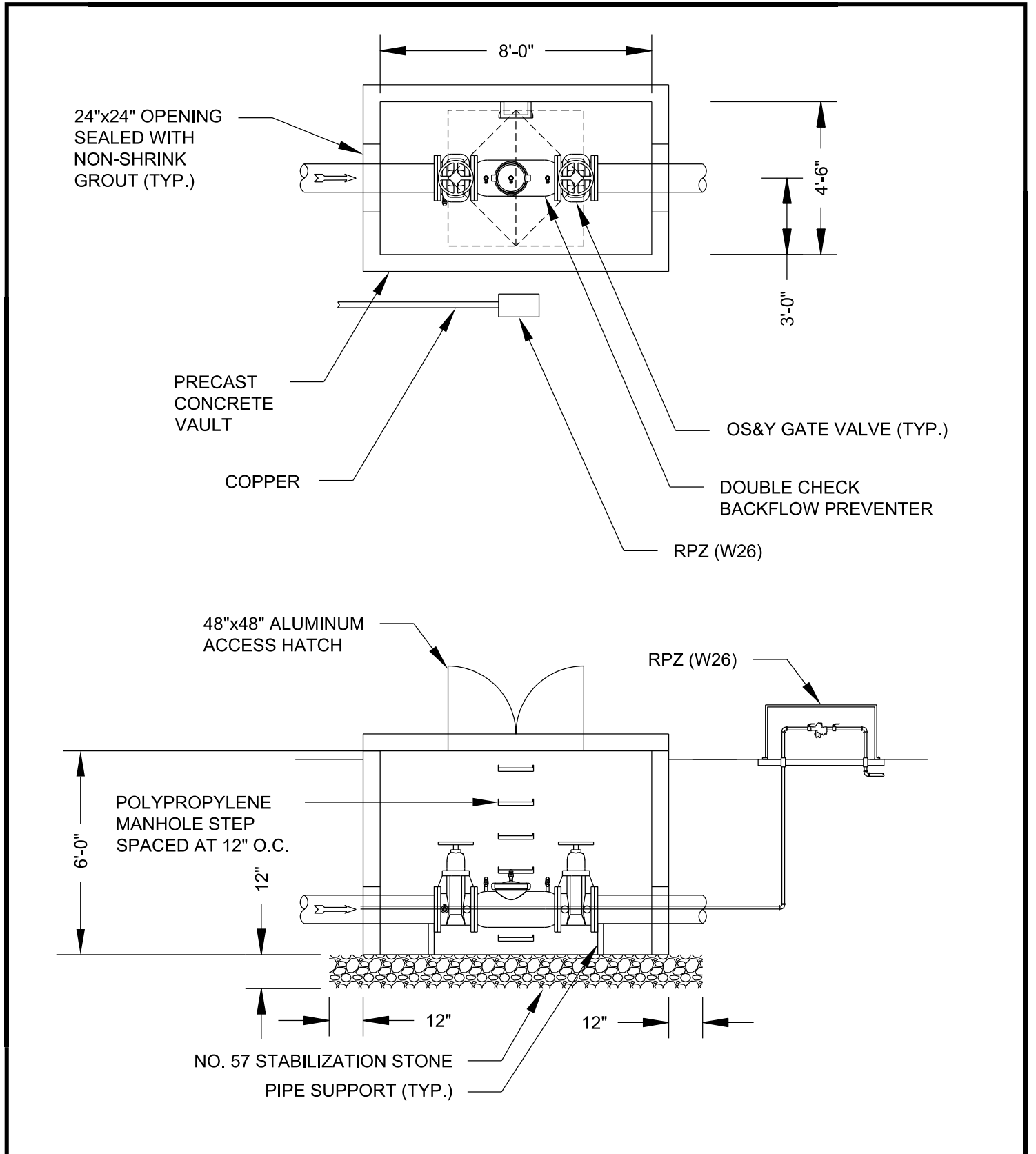
HCWA VARIANCE REQUIRED



HENRY COUNTY WATER AUTHORITY

**LOW RISK
BACKFLOW PREVENTER
(4" AND LARGER)**

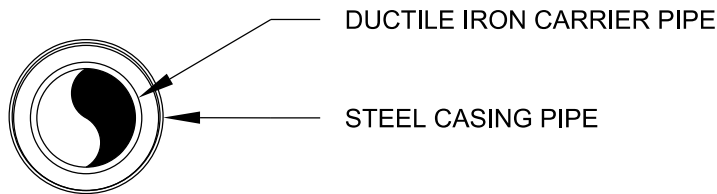
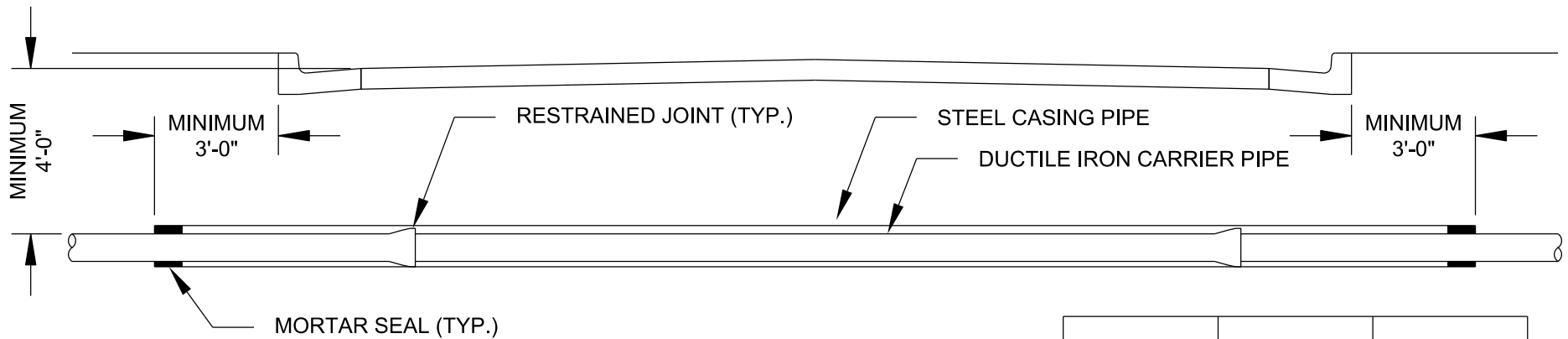
SPEC. DATE: 2023
REVISED: 5/17/2022
SCALE: N.T.S.
DETAIL NO. W19



HENRY COUNTY WATER AUTHORITY

**COMMERCIAL / INDUSTRIAL
BACKFLOW PREVENTER
(4" AND LARGER)**

SPEC. DATE: 2023
REVISED: 5/17/2022
SCALE: N.T.S.
DETAIL NO. W20



CARRIER PIPE NOMINAL DIAMETER (IN)	CASING PIPE NOMINAL DIAMETER (IN)	CASING PIPE THICKNESS (IN)
8	12	0.2500
10	16	0.2500
12	18	0.3130
16	24	0.3750

NOTES:

1. JOINTS INSIDE CASING PIPE SHALL BE RESTRAINED.
2. ENDS OF CASING PIPE SHALL BE SEALED WITH CEMENT MORTAR OR AS APPROVED BY HCWA.
3. ALL COUNTY ROAD CROSSINGS SHALL BE INSTALLED IN ACCORDANCE WITH HENRY COUNTY DOT STANDARDS AND PERMIT REQUIREMENTS.
4. ALL STATE HIGHWAY CROSSINGS SHALL BE INSTALLED IN ACCORDANCE WITH GEORGIA DOT STANDARDS AND PERMIT REQUIREMENTS.
5. ALL RAILROAD CROSSINGS SHALL BE INSTALLED IN ACCORDANCE WITH AMERICAN RAILWAY ENGINEERING ASSOCIATION REGULATIONS AND IN ACCORDANCE WITH PERMIT REQUIREMENTS.



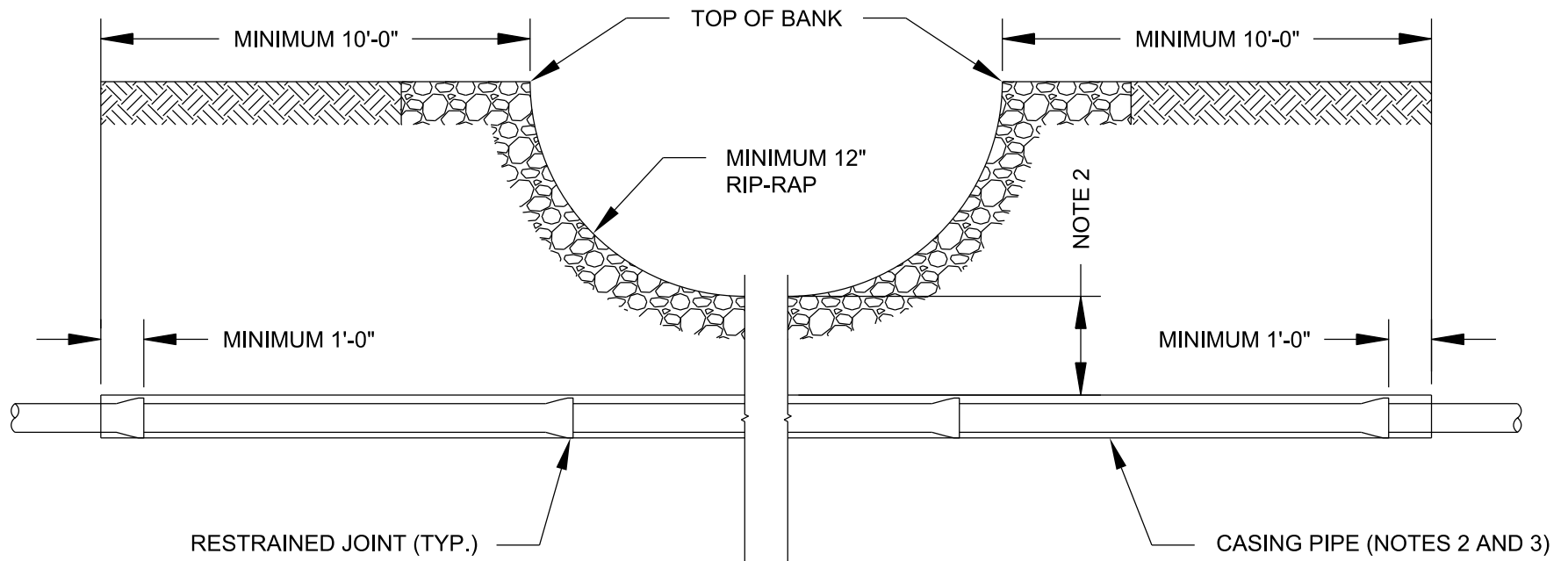
TYPICAL JACK AND BORE DETAIL

REVISED: 09/14/2018

SCALE: N.T.S.

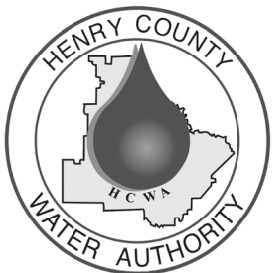
DETAIL NO.

W21



NOTES:

1. PIPE USED FOR CREEK CROSSINGS SHALL BE DUCTILE IRON PIPE. ADDITIONAL RESTRAINT MAYBE REQUIRED BY HCWA.
2. CASING PIPE IS REQUIRED WHEN DEPTH OF COVER IS LESS THAN 3 FEET FROM THE CREEK BOTTOM. MINIMUM 12" COVER TO TOP OF CASING.
3. REFER TO DETAIL W21 FOR CASING DIAMETER.
4. PLACE STONE RIP-RAP APPROXIMATELY 5 FEET UPSTREAM AND 5 FEET DOWNSTREAM FROM CENTERLINE OF PIPE ALONG CREEK BED.



HENRY COUNTY WATER AUTHORITY

CREEK CROSSING

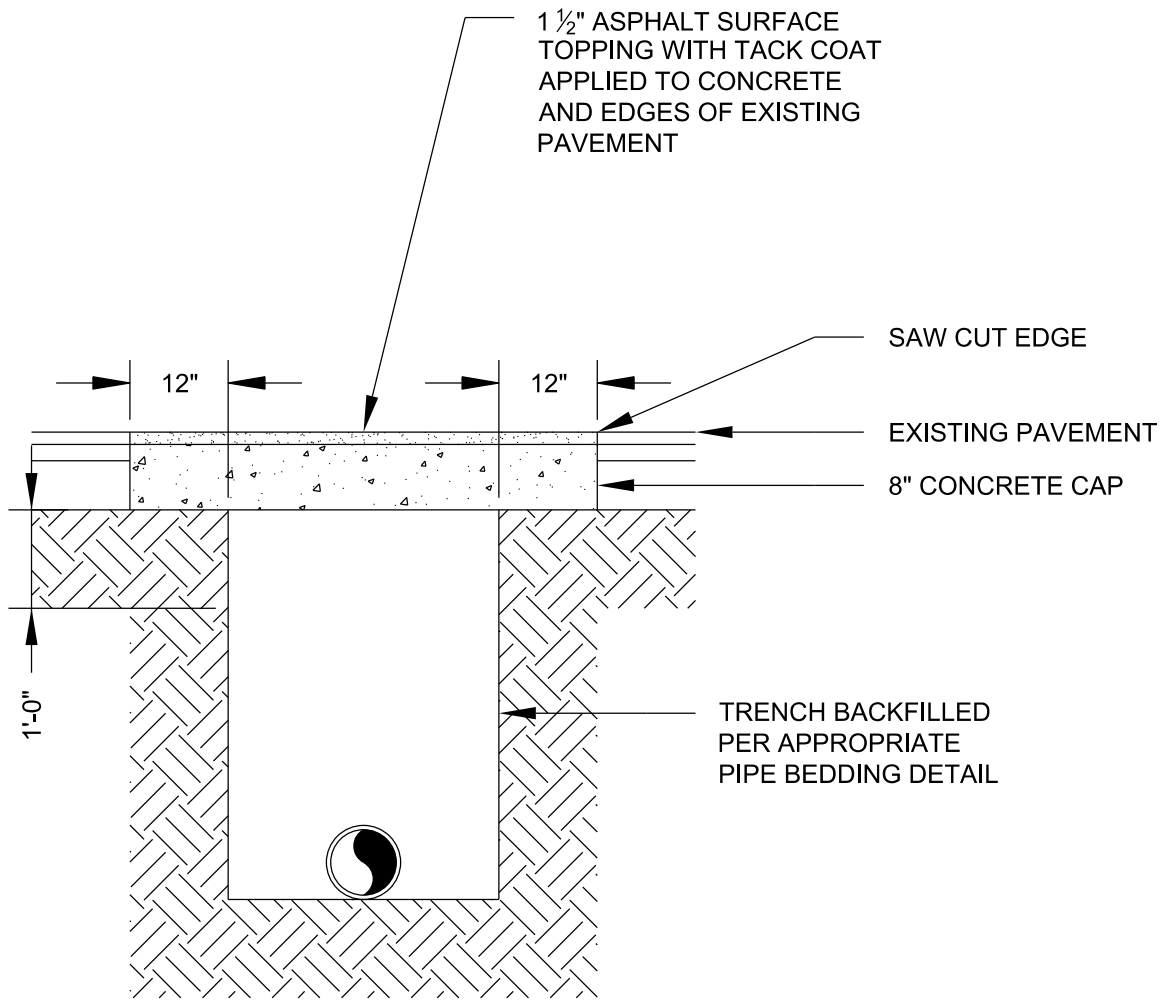
SPEC. DATE: 2023

REVISED: 09/14/2018

SCALE: N.T.S.

DETAIL NO.

W22



NOTES:

1. THIS DETAIL IS THE MINIMUM PAVEMENT REPAIR REQUIREMENT. HENRY COUNTY DOT OR GEORGIA DOT PAVEMENT REPAIR DETAILS SHALL SUPERCEDE THIS DETAIL AND SHALL BE USED WHERE APPLICABLE.
2. CONCRETE FOR CONCRETE CAP SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,500 PSI @ 28 DAYS.



HENRY COUNTY WATER AUTHORITY

PAVEMENT REPAIR

SPEC. DATE: 2023

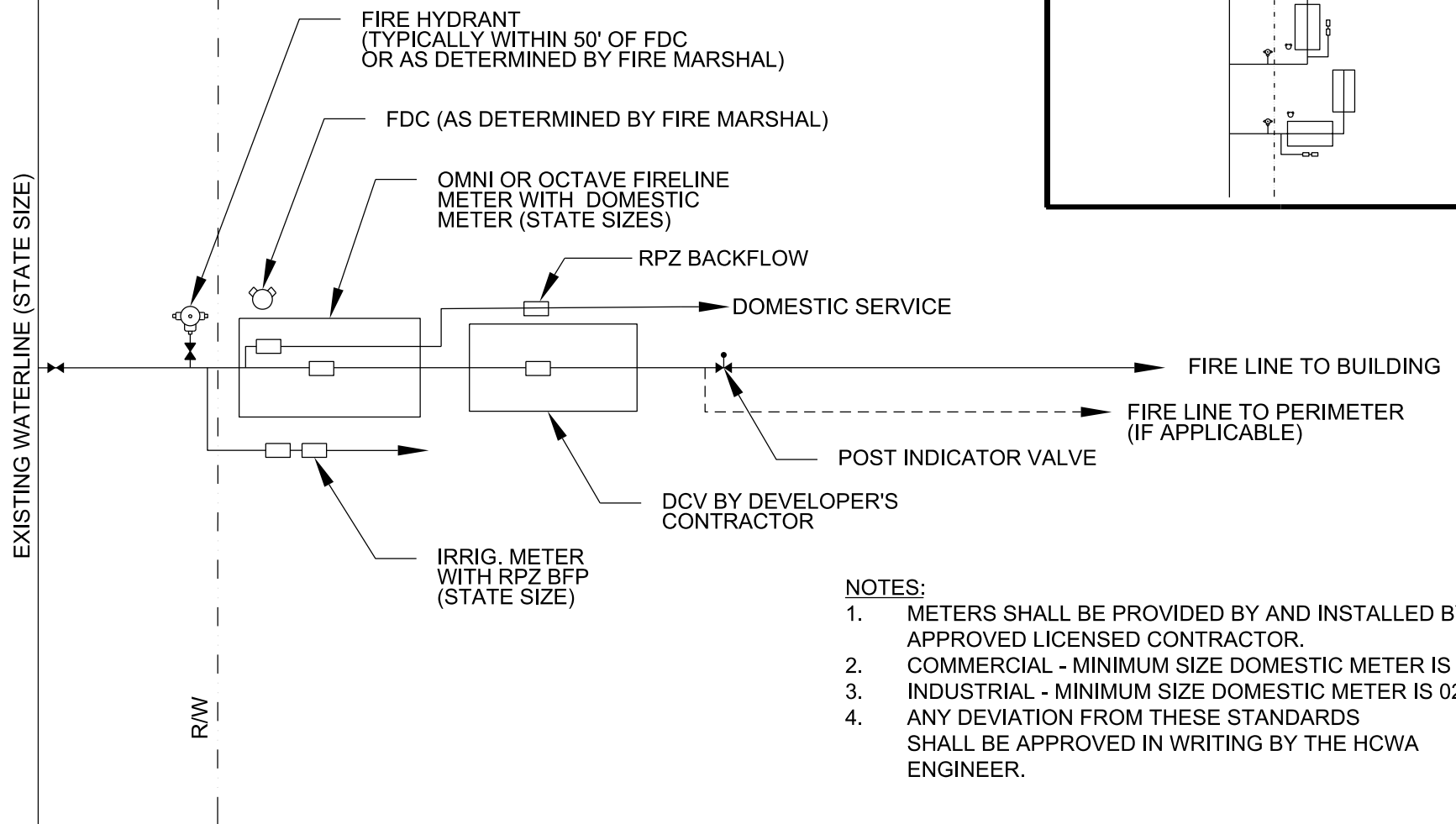
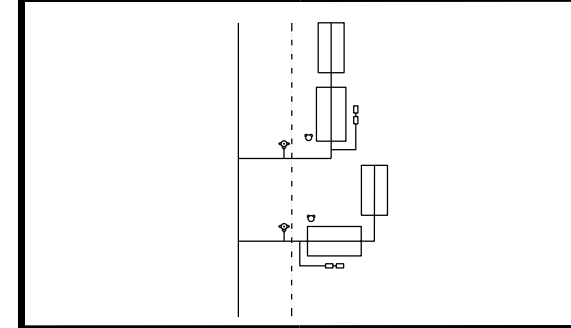
REVISED: 09/14/2018

SCALE: N.T.S.

DETAIL NO.

W23

ALTERNATE CONFIGURATIONS



NOTES:

1. METERS SHALL BE PROVIDED BY AND INSTALLED BY APPROVED LICENSED CONTRACTOR.
2. COMMERCIAL - MINIMUM SIZE DOMESTIC METER IS 01".
3. INDUSTRIAL - MINIMUM SIZE DOMESTIC METER IS 02".
4. ANY DEVIATION FROM THESE STANDARDS SHALL BE APPROVED IN WRITING BY THE HCWA ENGINEER.



HENRY COUNTY WATER AUTHORITY

TYPICAL COMMERCIAL / INDUSTRIAL
METER CONFIGURATIONS

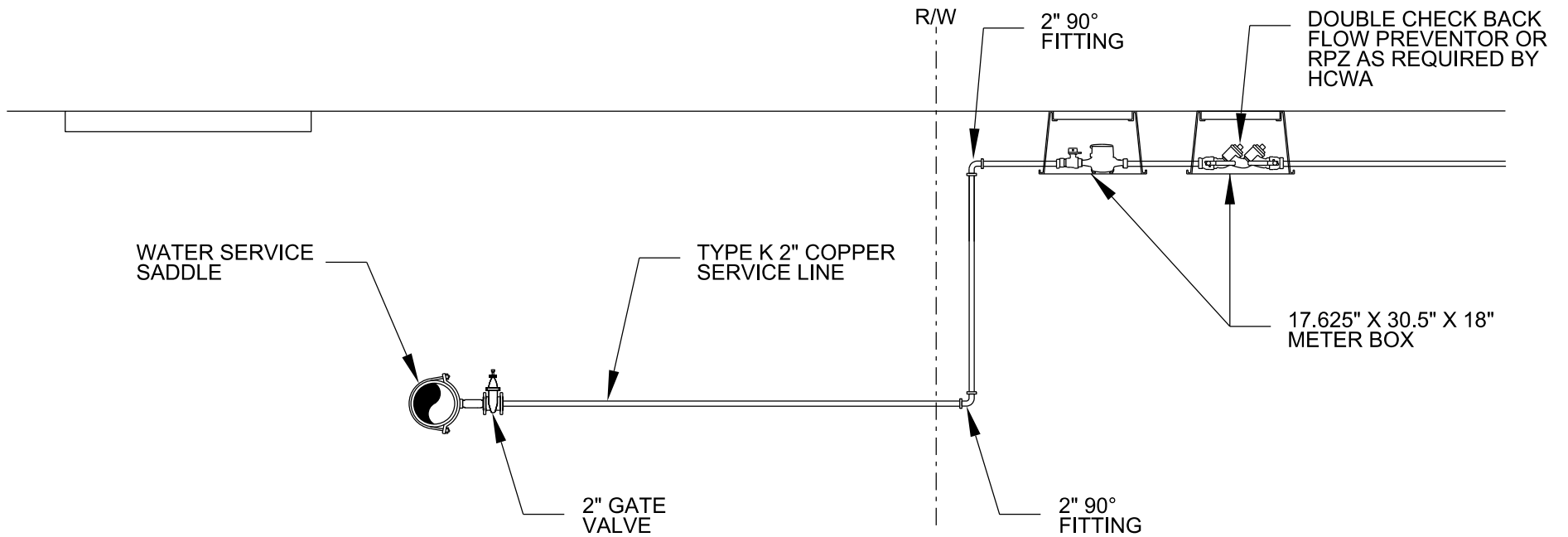
SPEC. DATE: 2022

REVISED: 03/28/2022

SCALE: N.T.S.

DETAIL NO.

W24



NOTES:

1. NO PERMANENT STRUCTURES SHALL BE ALLOWED WITHIN 5 FEET OF WATER SERVICE.
2. TYPICAL INSTALLATION MAY BE MODIFIED AT THE DISCRETION OF HCWA.



HENRY COUNTY WATER AUTHORITY

2 " METER INSTALLATION DETAIL

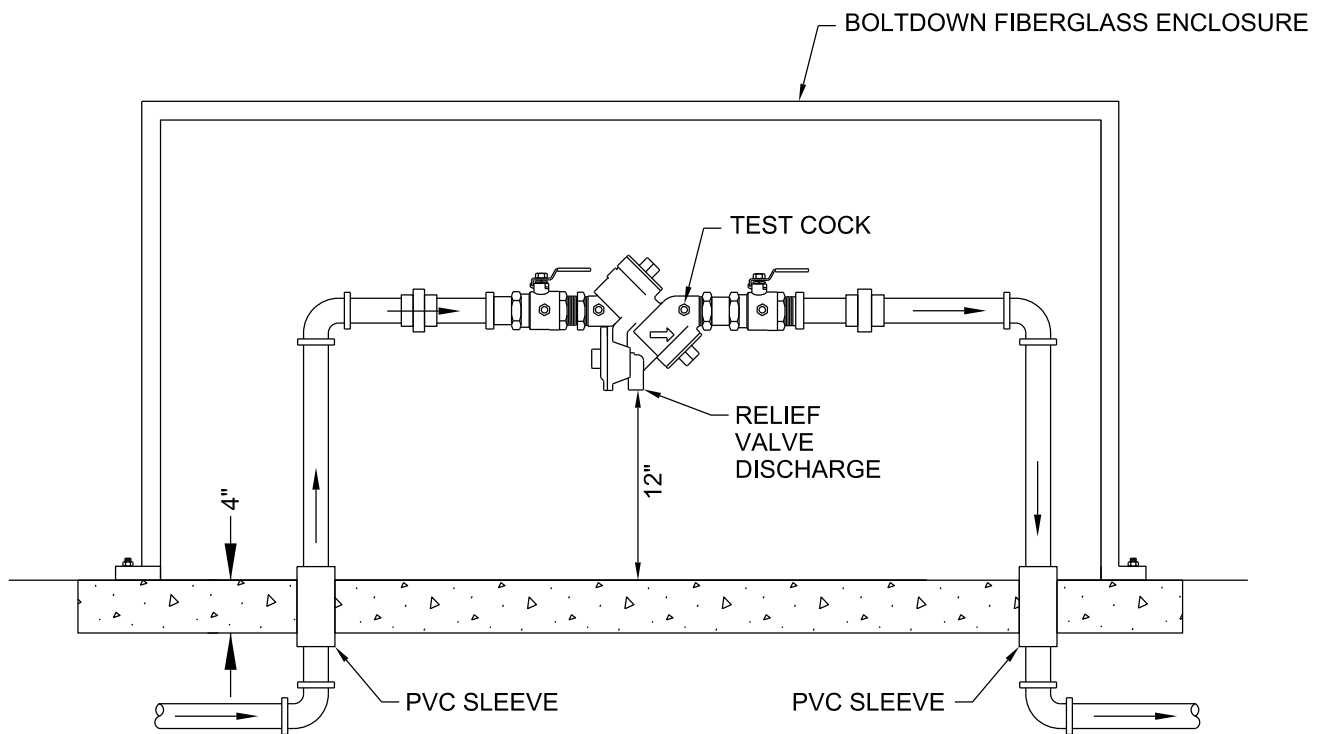
SPEC. DATE: 2023

REVISED: 09/14/2018

SCALE: N.T.S.

DETAIL NO.

W25



NOTES:

1. NO PERMANENT STRUCTURES SHALL BE ALLOWED WITHIN 5 FEET.
2. TYPICAL INSTALLATION MAY BE MODIFIED AT THE DISCRETION OF HCWA.
3. MINIMUM OF 4 TEST COCKS.



HENRY COUNTY WATER AUTHORITY

**REDUCED PRESSURE
ZONE DETAIL**

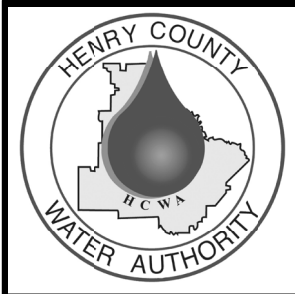
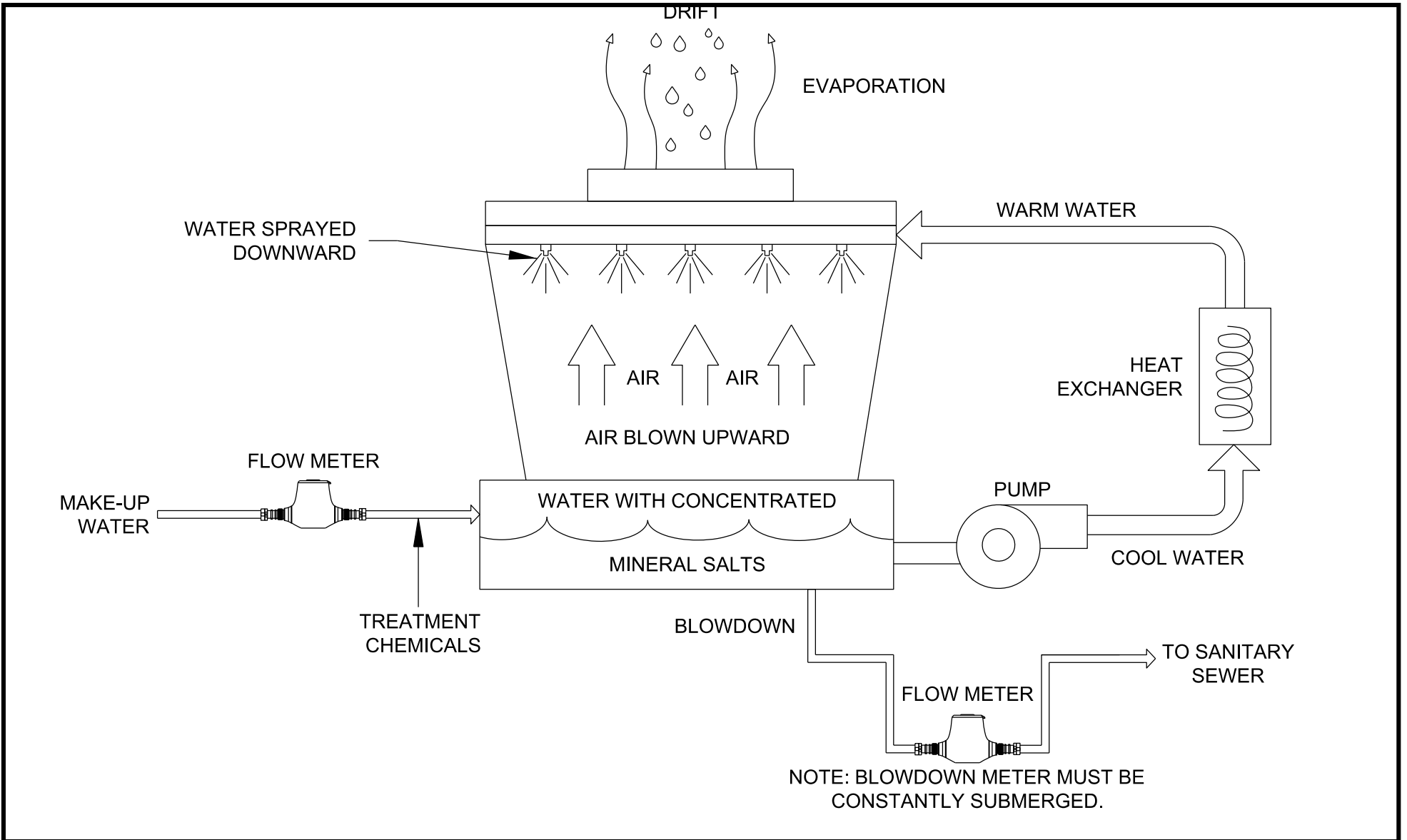
SPEC. DATE: 2023

REVISED: 11/13/2018

SCALE: N.T.S.

DETAIL NO.

W26



HENRY COUNTY WATER AUTHORITY

COOLING TOWER METER CONFIGURATION

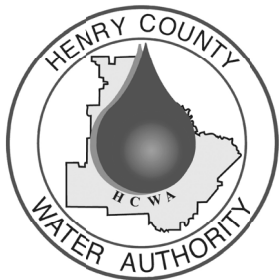
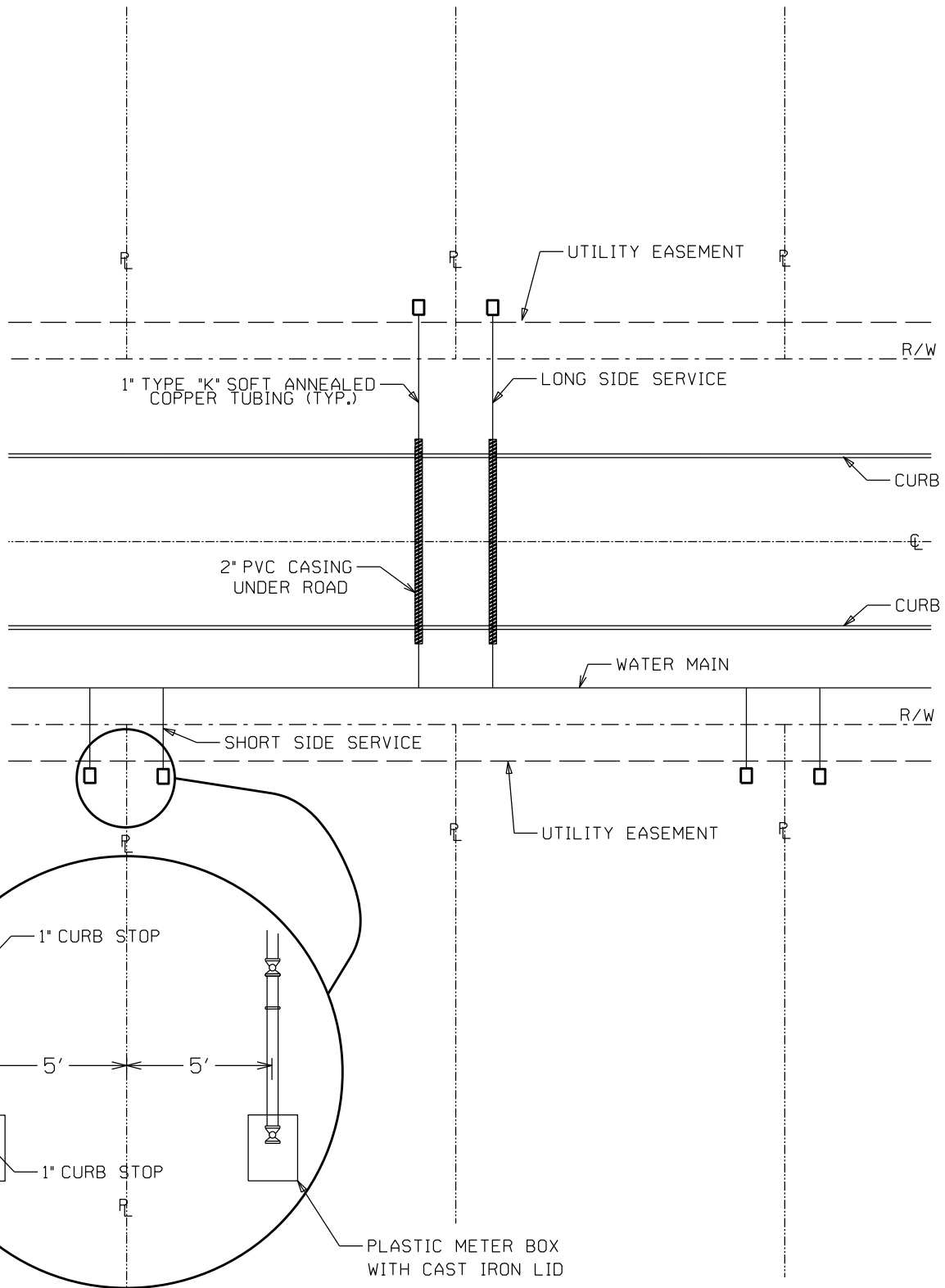
SPEC. DATE: 2023

REVISED: 09/14/2018

SCALE: N.T.S.

DETAIL NO.

W27



HENRY COUNTY WATER AUTHORITY

WATER METER LOCATION FOR SUBDIVISION

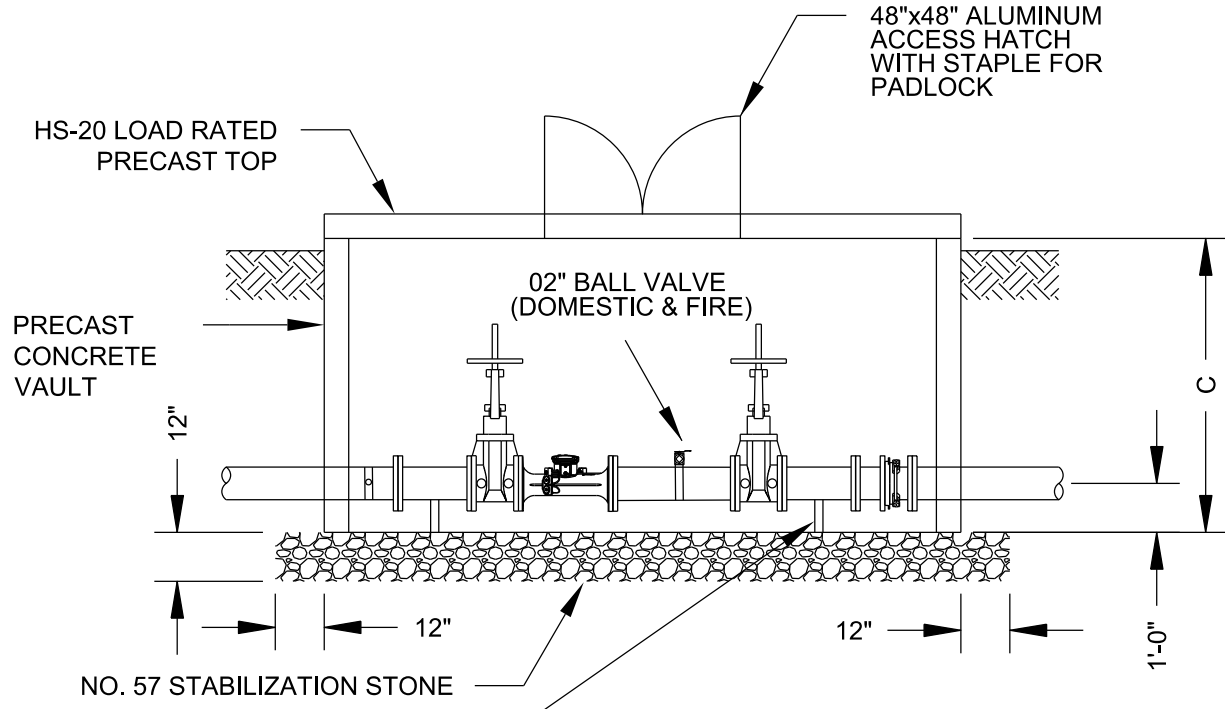
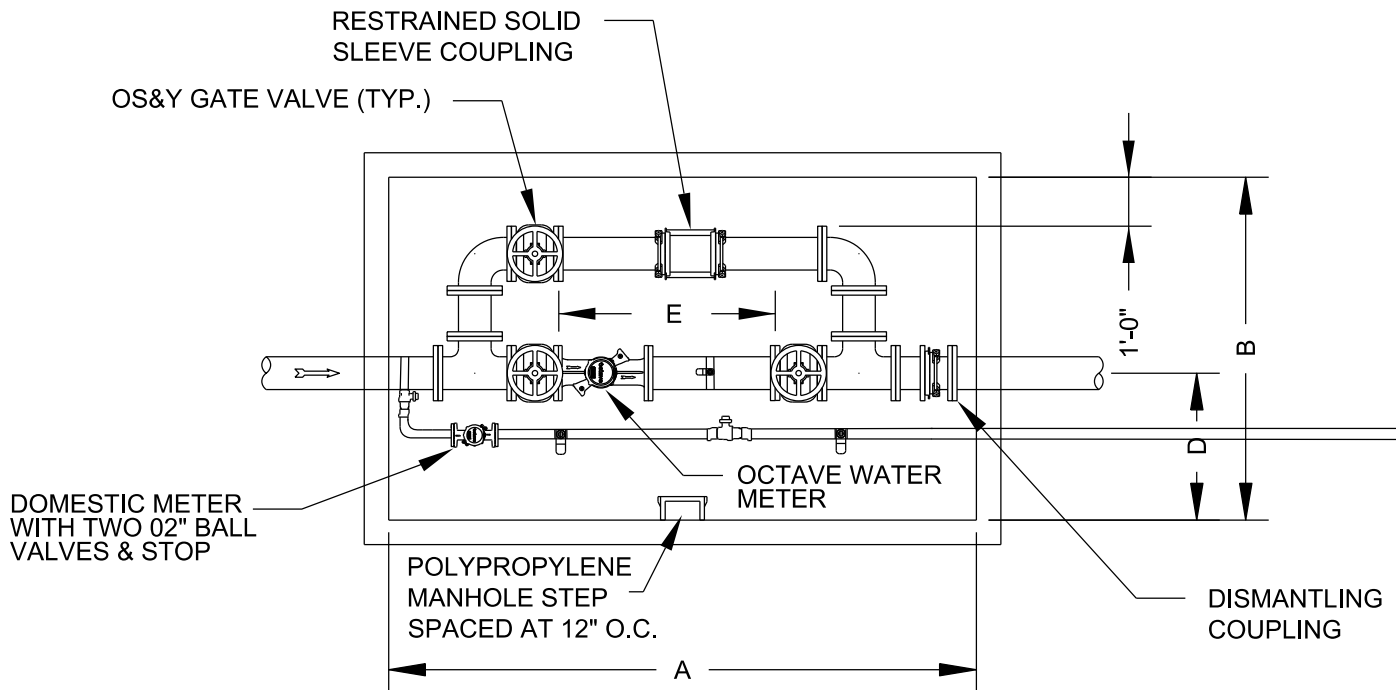
SPEC. DATE: 2023

REVISED: 09/14/2018

SCALE: N.T.S.

DETAIL NO.

W28



METER SIZE	A	B	C	D	E
4"	12'-0"	6'-0"	6'-0"	2'-0"	33"
6"	12'-0"	6'-0"	6'-0"	2'-0"	45"
8"	12'-0"	7'-0"	6'-0"	3'-0"	53"



HENRY COUNTY WATER AUTHORITY

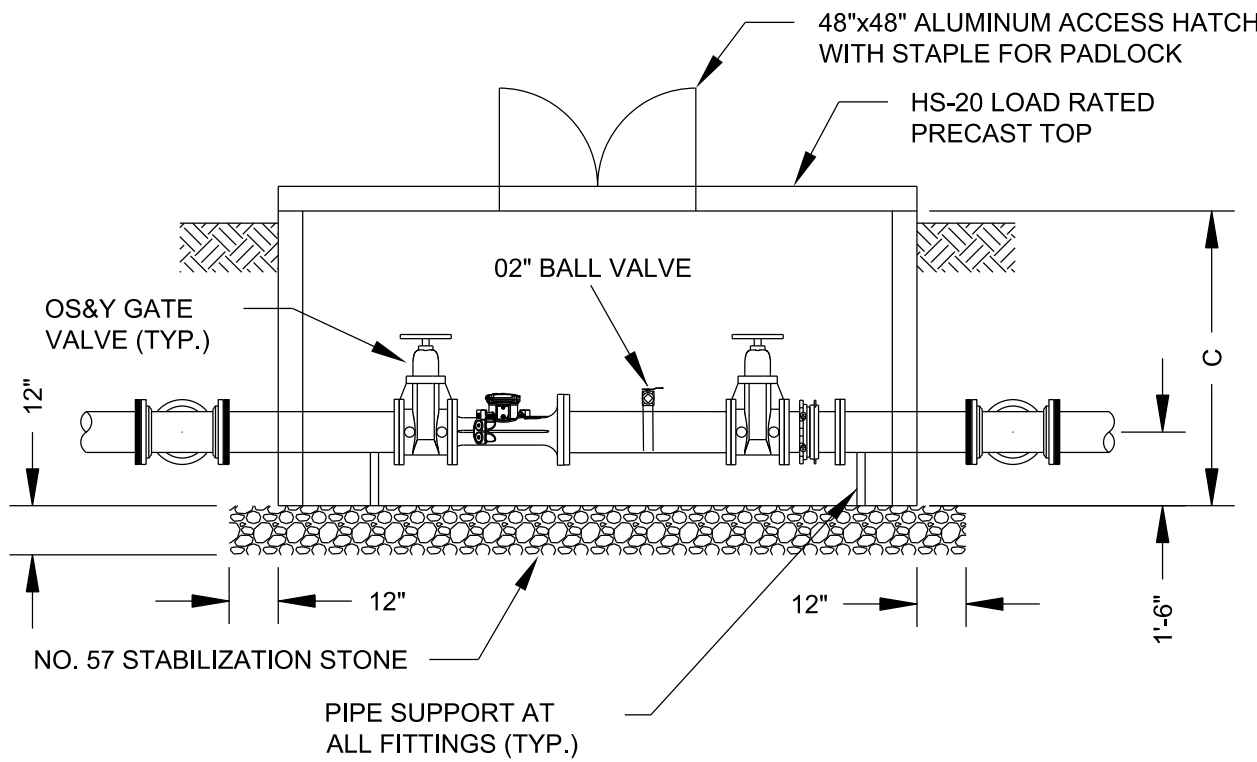
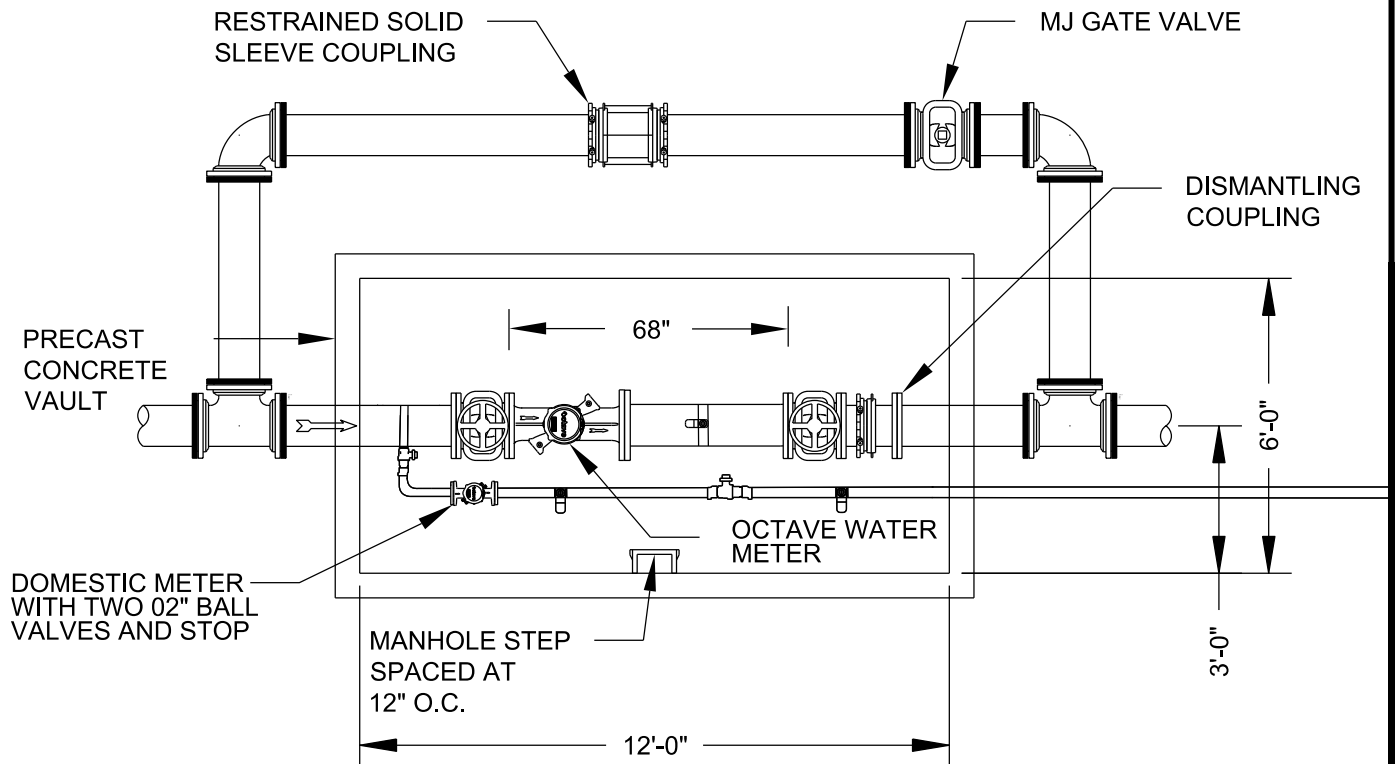
4", 6", AND 8" OCTAVE FIRELINE METER

SPEC. DATE: 2023

REVISED: 8/10/2023

SCALE: N.T.S.

DETAIL NO.
W29



NOTES:

1. ALL BURIED VALVES AND FITTINGS SHALL HAVE MJ FLANGES AND SHALL BE RESTRAINED WITH RESTRAINED JOINT GLANDS.

	HENRY COUNTY WATER AUTHORITY		SPEC. DATE: 2023
	<h1>10" & 12" OCTAVE FIRELINE METER</h1>		REVISED: 11/6/2023
			SCALE: N.T.S.
			DETAIL NO.