

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

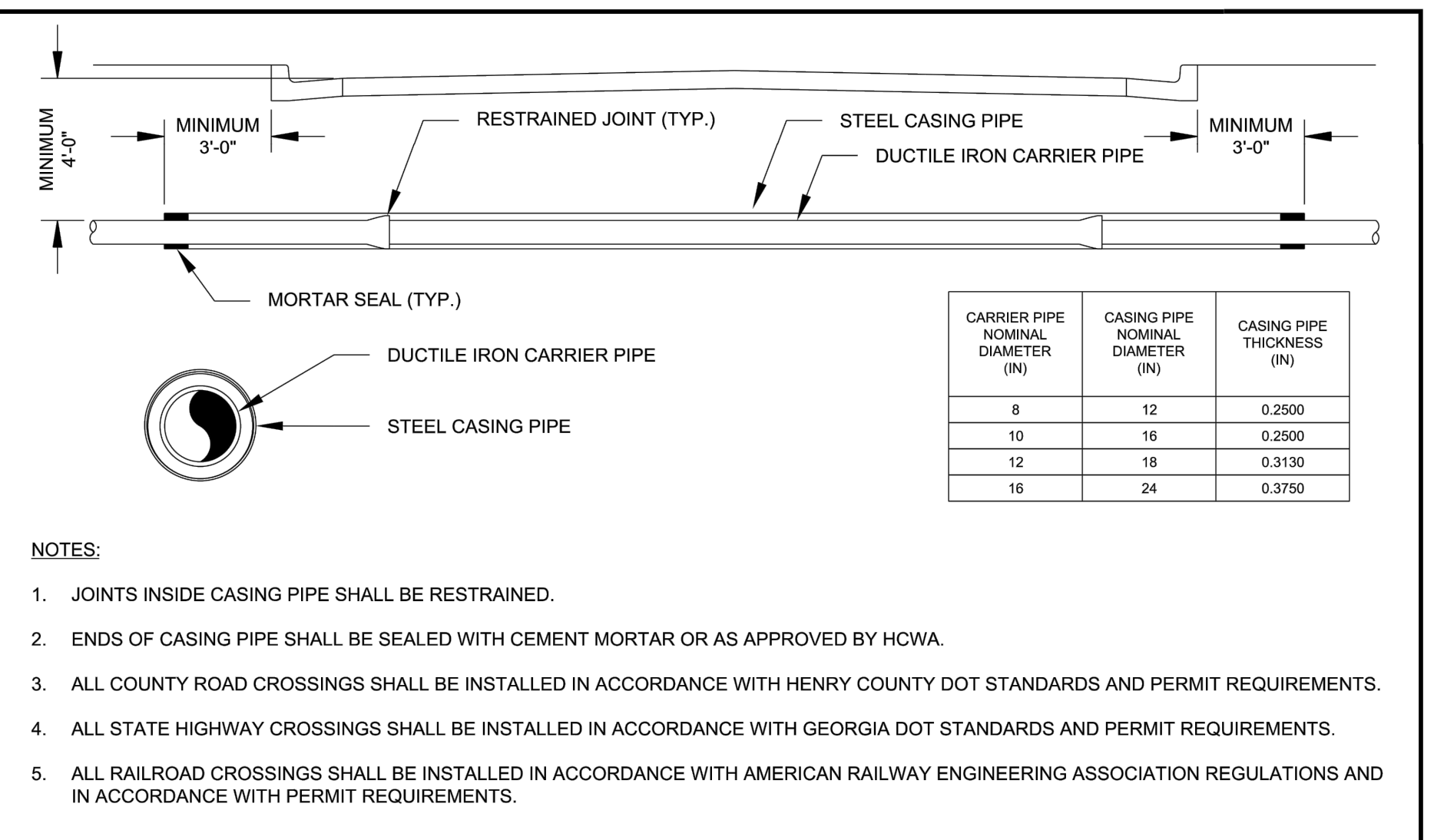
HENRY COUNTY WATER AUTHORITY

SPEC. DATE: 2022

REVISED: 03/28/2022

SCALE: N.T.S.

DETAIL NO. W24



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

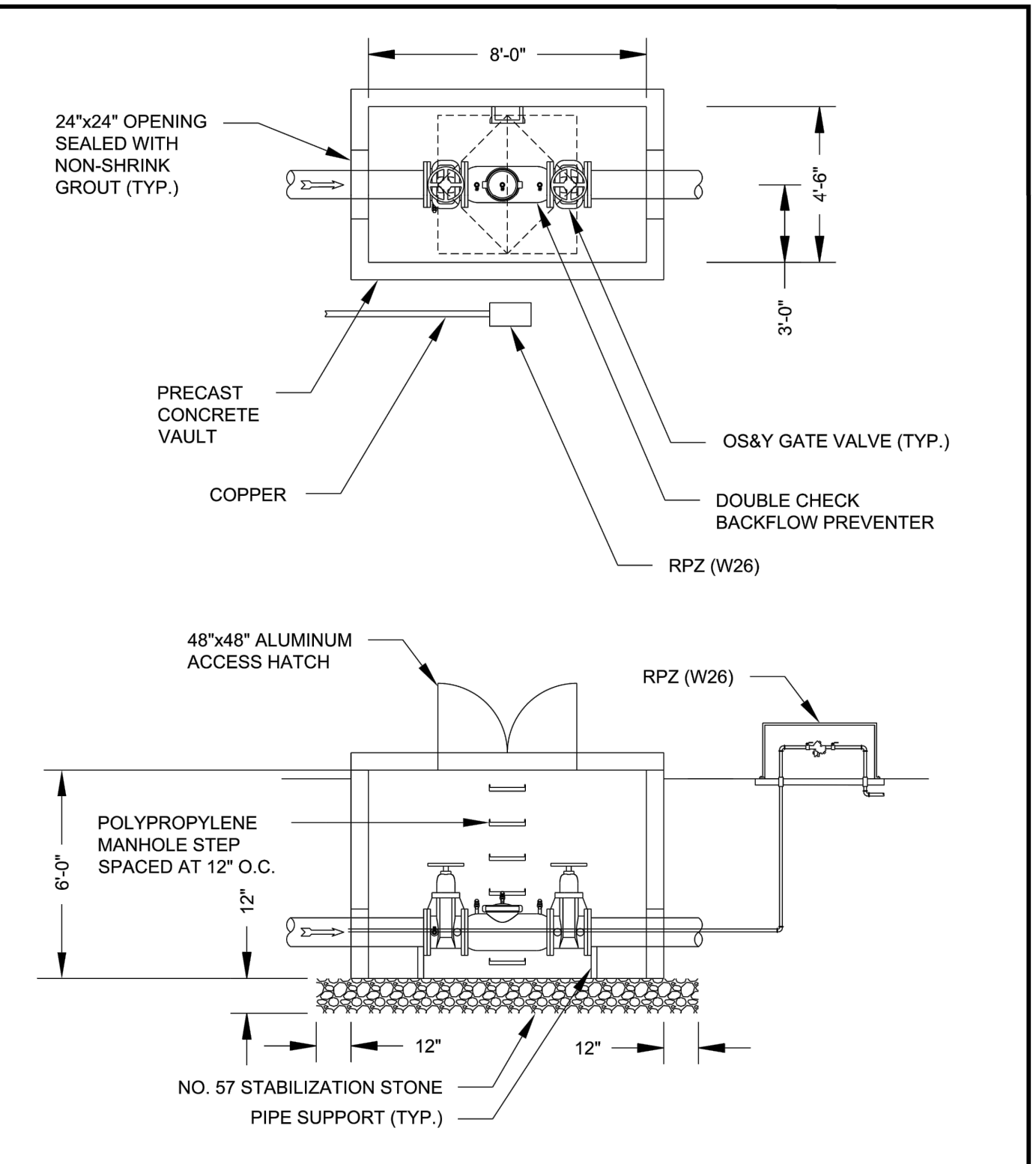
HENRY COUNTY WATER AUTHORITY

SPEC. DATE: 2023

REVISED: 09/14/2018

SCALE: N.T.S.

DETAIL NO. W21



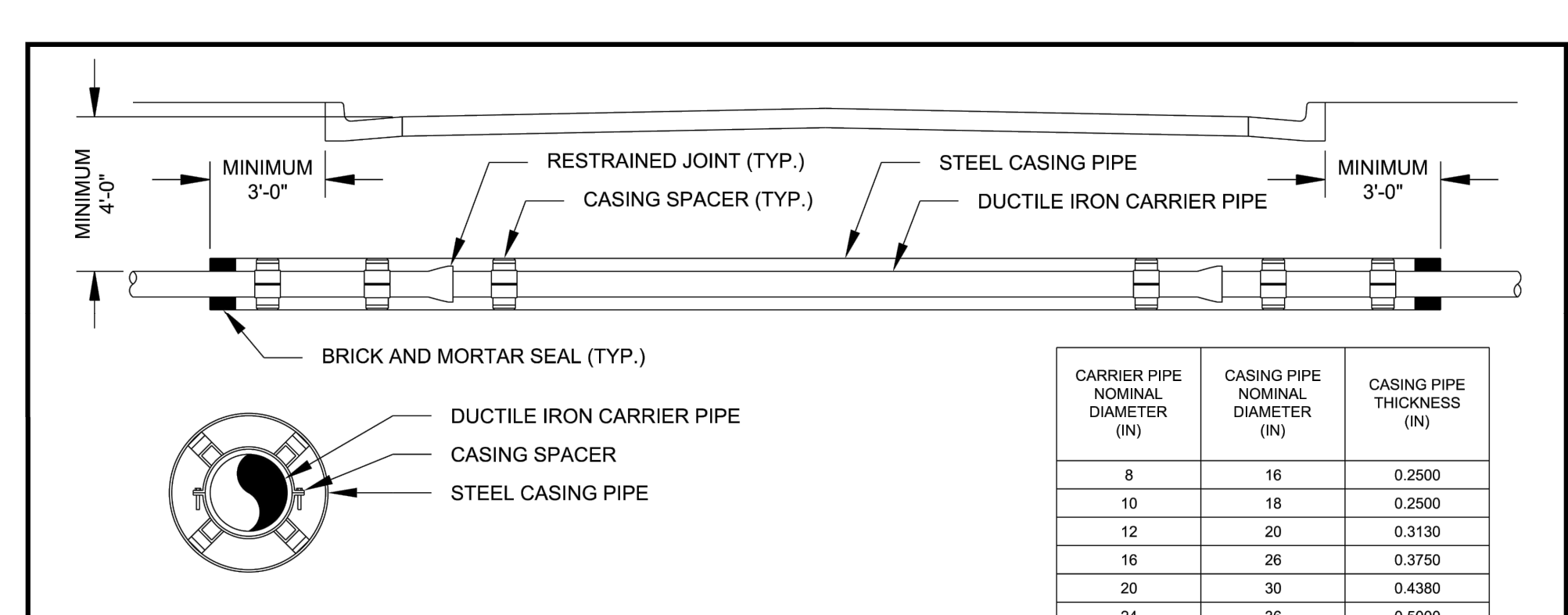
HENRY COUNTY WATER AUTHORITY

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	16	0.2500
10	18	0.2500
12	20	0.3130
16	26	0.3750
20	30	0.4380
24	36	0.5000
30	42	0.5000
36	48	0.5000

- NOTES:
- JOINTS INSIDE CASING PIPE SHALL BE RESTRAINED.
  - PROVIDE A MINIMUM OF 2 CASING SPACERS PER JOINT OF PIPE.
  - ENDS OF CASING PIPE SHALL BE SEALED WITH 8" BRICK AND CEMENT MORTAR.
  - ALL COUNTY ROAD CROSSINGS SHALL BE INSTALLED IN ACCORDANCE WITH HENRY COUNTY DOT STANDARDS AND PERMIT REQUIREMENTS.
  - ALL STATE HIGHWAY CROSSINGS SHALL BE INSTALLED IN ACCORDANCE WITH GEORGIA DOT STANDARDS AND PERMIT REQUIREMENTS.
  - ALL RAILROAD CROSSINGS SHALL BE INSTALLED IN ACCORDANCE WITH AMERICAN RAILWAY ENGINEERING ASSOCIATION REGULATIONS AND IN ACCORDANCE WITH PERMIT REQUIREMENTS.

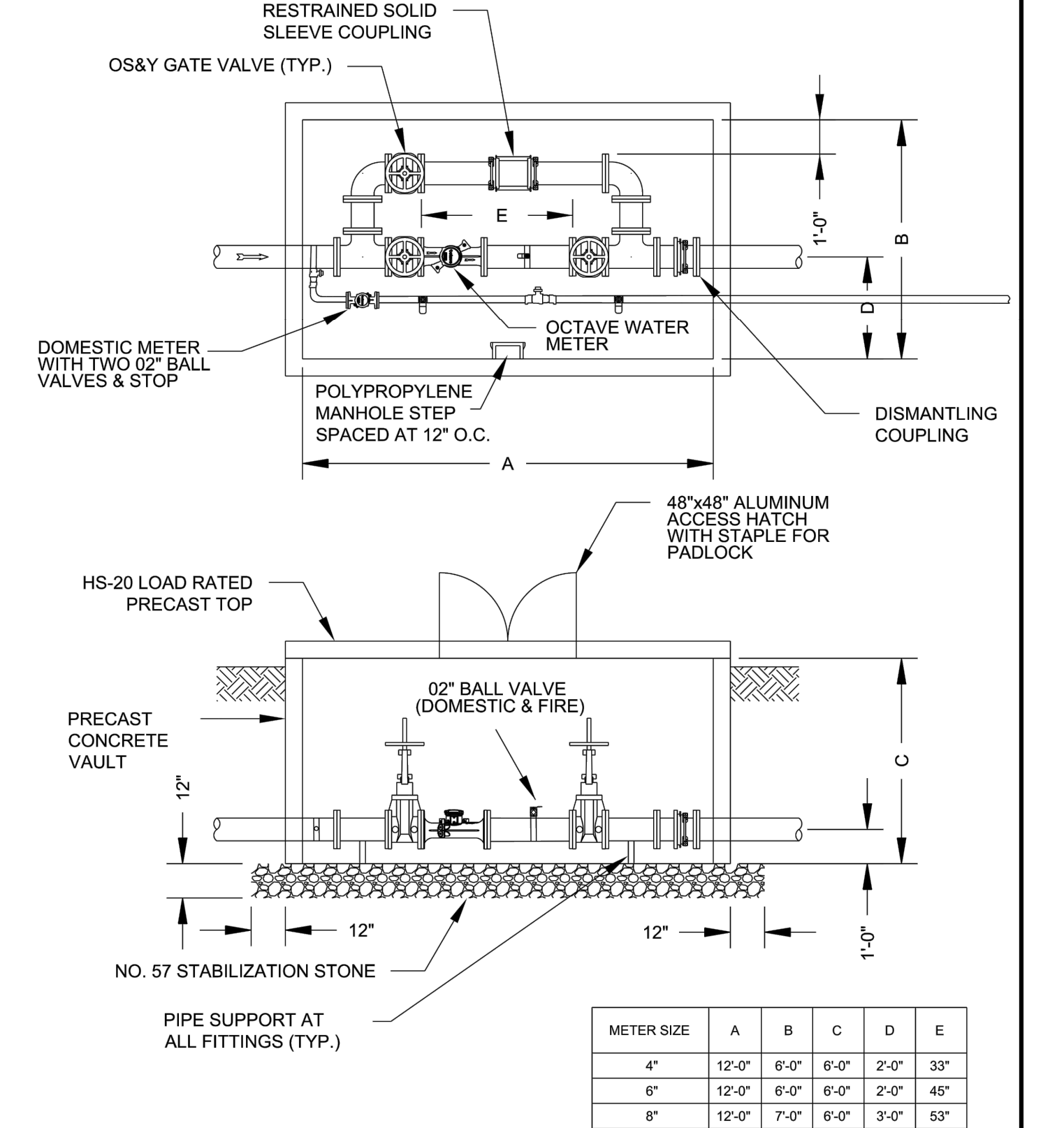
HENRY COUNTY WATER AUTHORITY

SPEC. DATE: 2023

REVISED: 01/01/2018

SCALE: N.T.S.

DETAIL NO. S16



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"

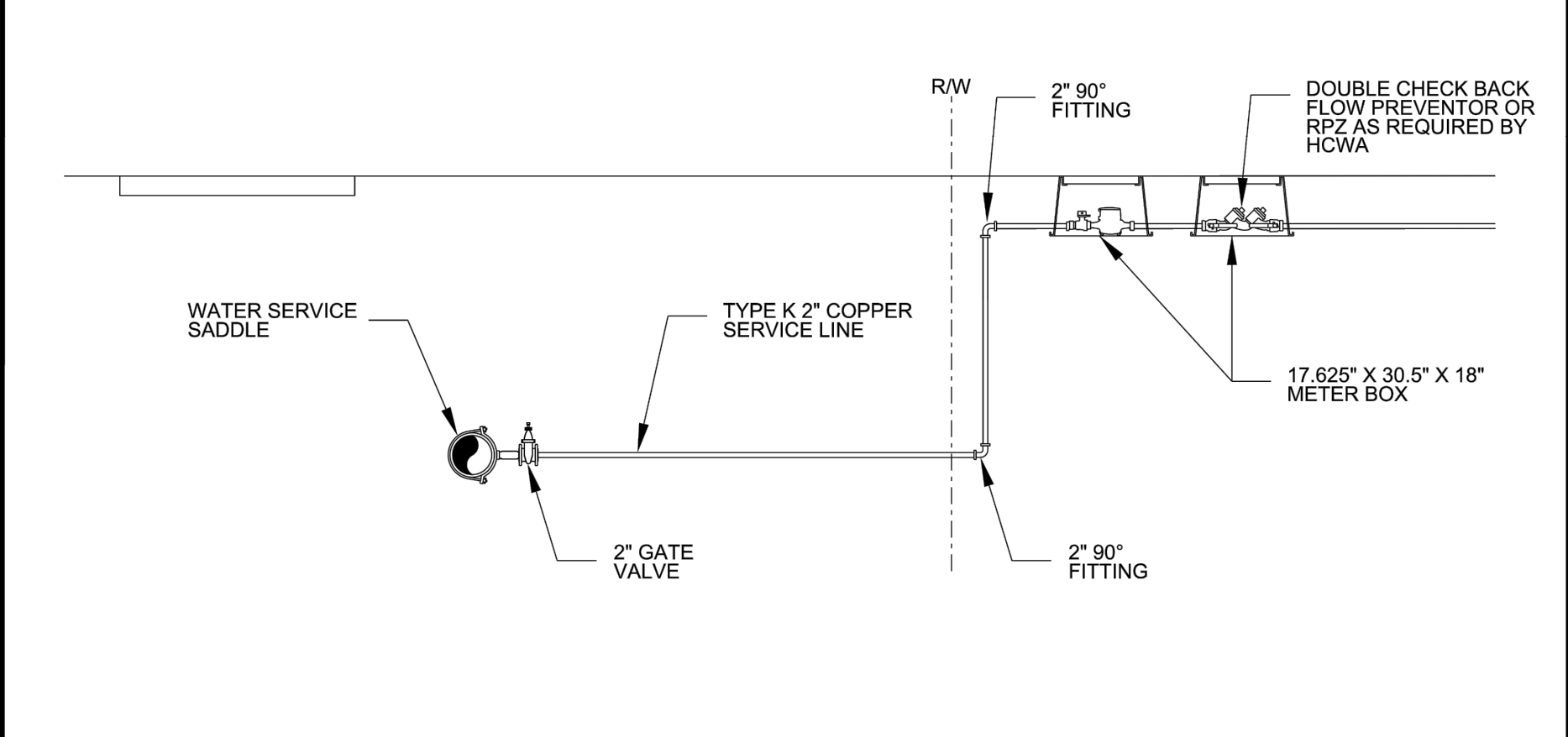
HENRY COUNTY WATER AUTHORITY

SPEC. DATE: 2023

REVISED: 8/10/2023

SCALE: N.T.S.

DETAIL NO. W29



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

HENRY COUNTY WATER AUTHORITY

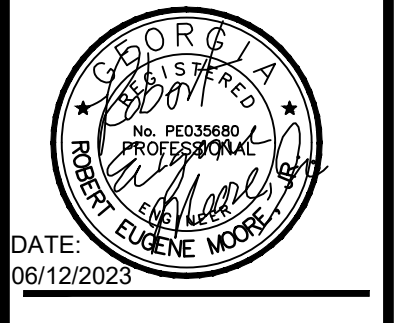
SPEC. DATE: 2023

REVISED: 09/14/2018

SCALE: N.T.S.

DETAIL NO. W25

**MOORE CIVIL**  
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DATE: 06/12/2023

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OWNER INFORMATION:

REVISIONS:

6/21/22	GRADING PLAN
10/21/22	1st LDP SUBMITTAL
10/21/22	1ST GDOT SUBMITTAL
01/30/2023	NEW LAYOUT
02/21/2023	NEW LAYOUT
05/09/2023	2nd LDP SUBMITTAL
05/09/2023	2nd GDOT SUBMITTAL
12/19/2023	3rd GDOT SUBMITTAL
12/19/2023	3rd LDP SUBMITTAL
03/05/2023	4rd LDP SUBMITTAL
03/05/2023	3rd GDOT SUBMITTAL
04/24/2024	6TH GDOT SUBMITTAL
05/21/2024	7TH GDOT SUBMITTAL
12/12/2024	8TH GDOT SUBMITTAL
03/06/2025	5TH LDP SUBMITTAL
07/03/2025	6TH LDP SUBMITTAL

**HWY 81 C-STORE**  
HWY 81  
HAMPTON, GA 30228

SHEET TITLE:  
CONSTRUCTION  
DETAILS

SHEET NUMBER:  
C.820