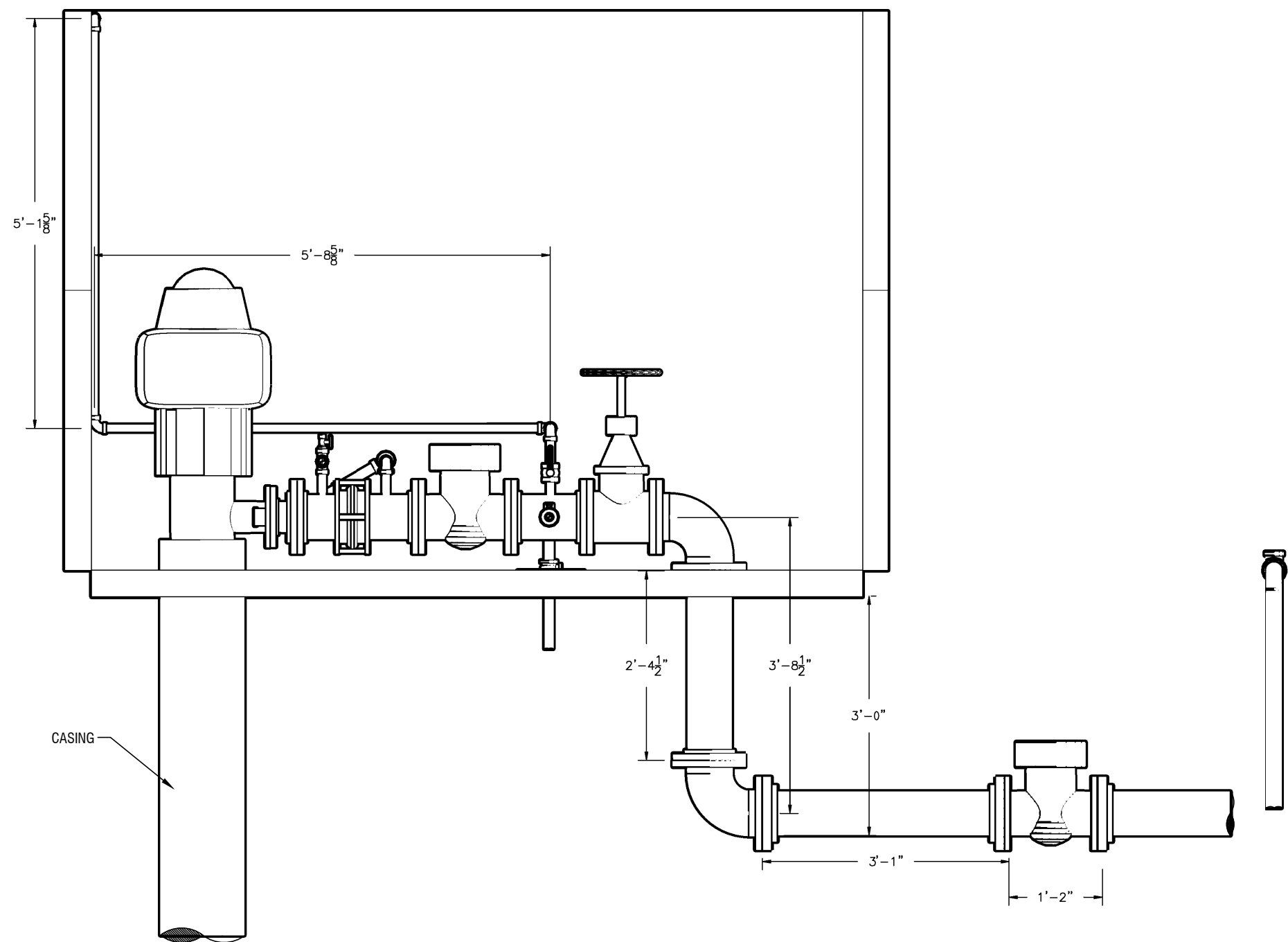
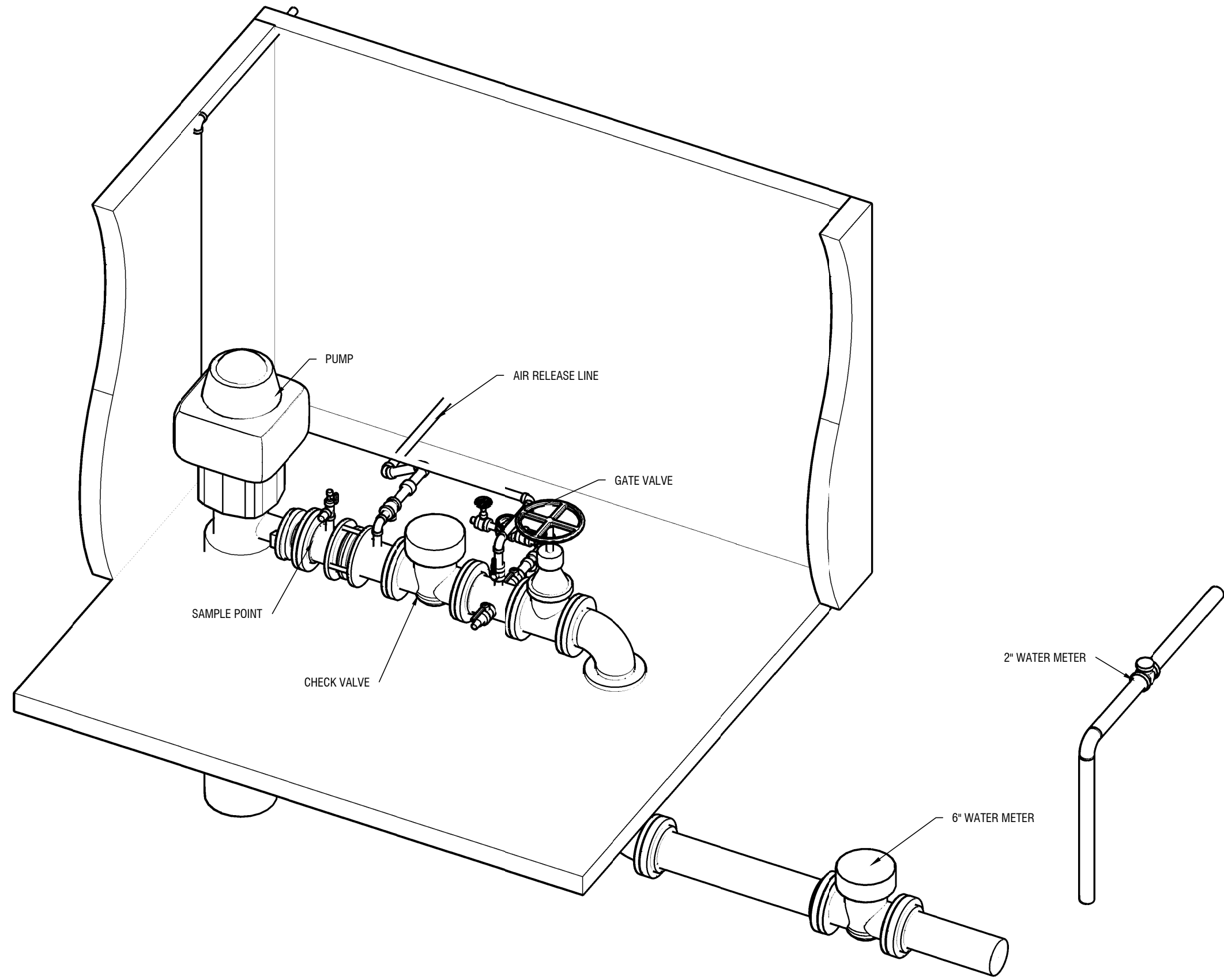
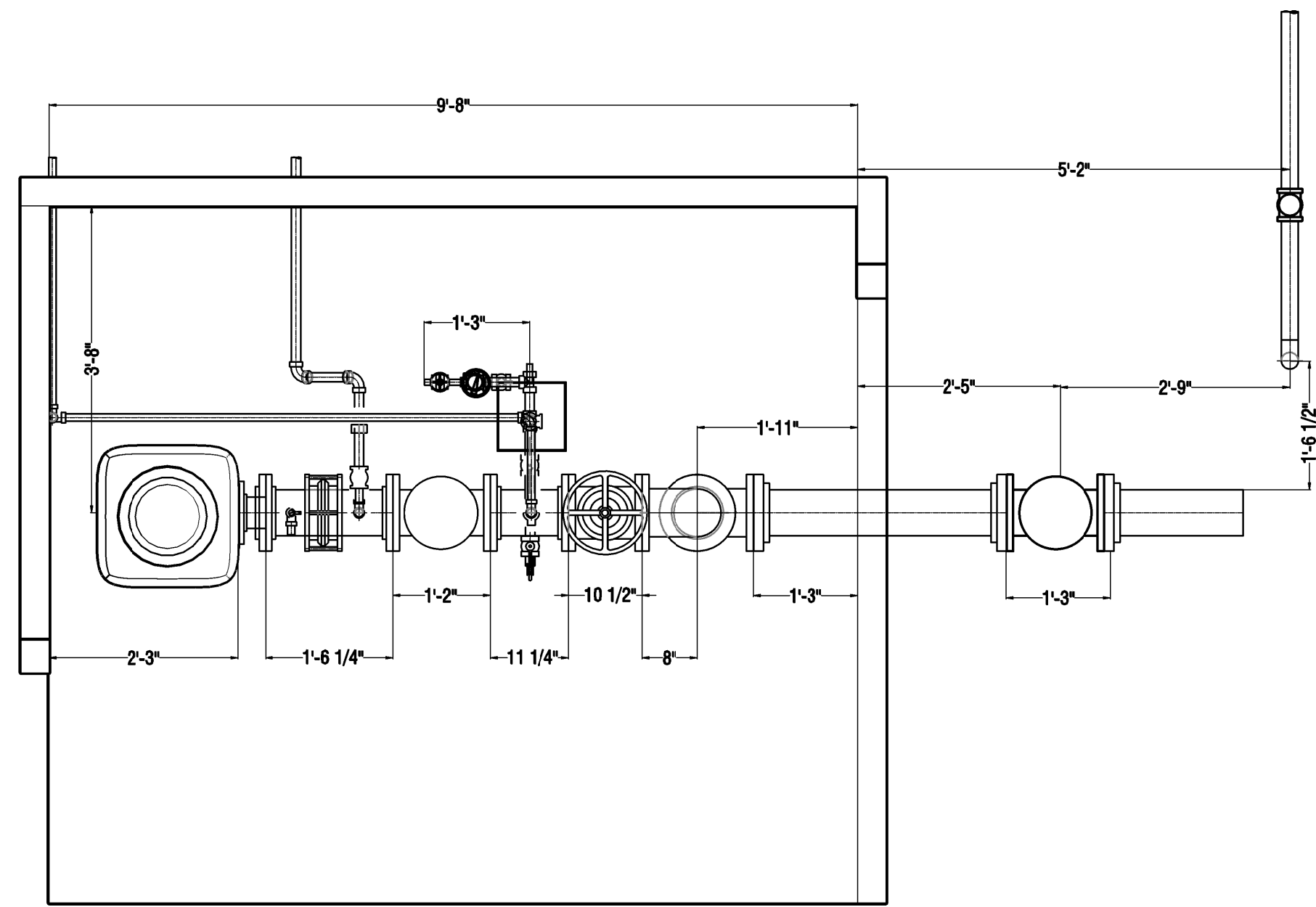
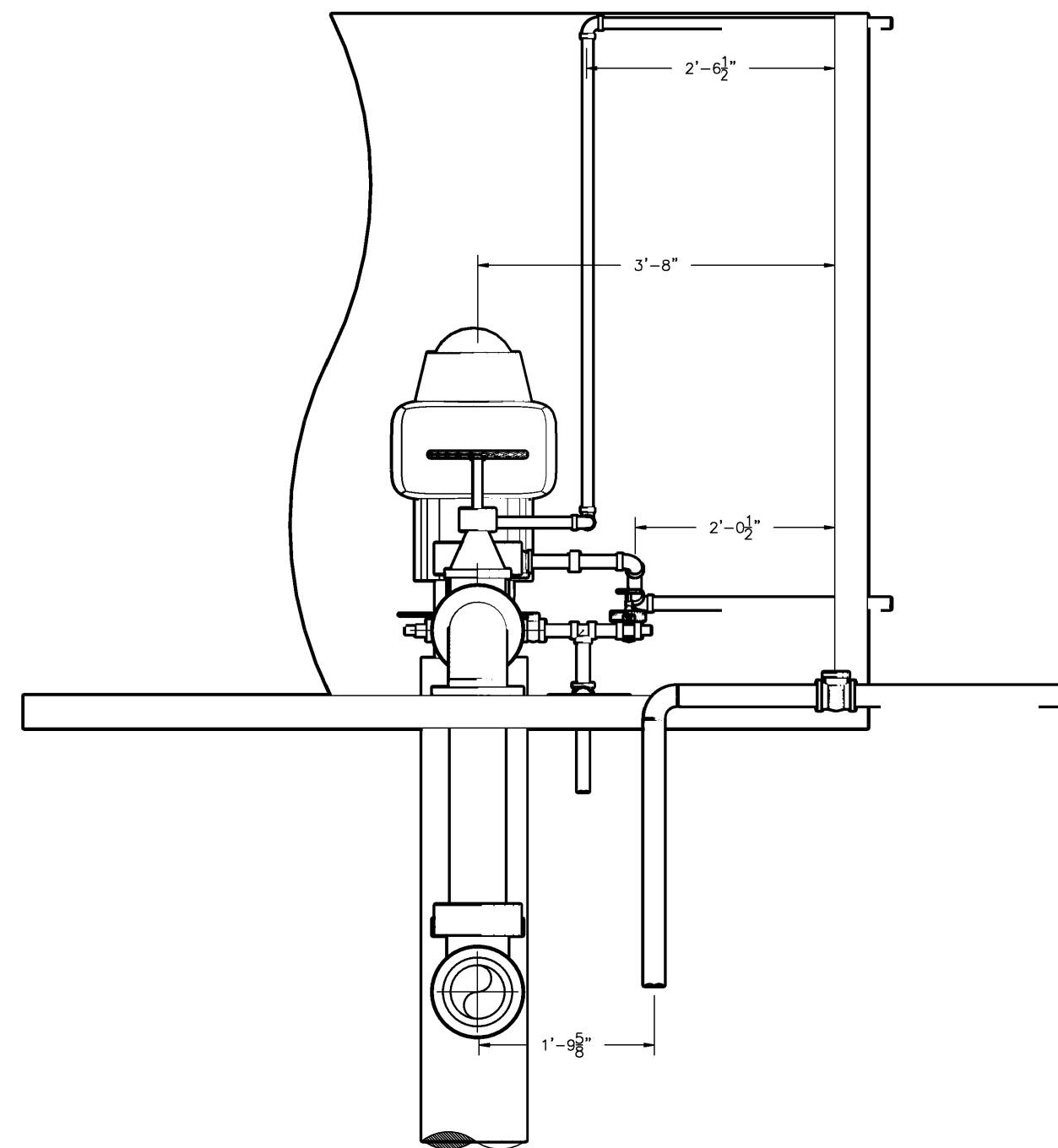




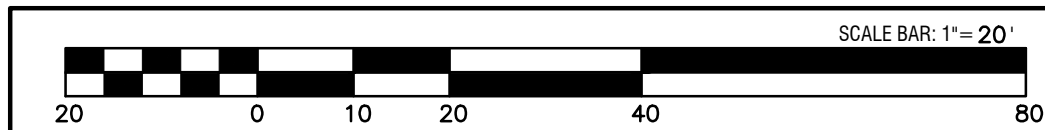
FRONT VIEW



TOP VIEW



SIDE VIEW



REVISIONS:

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GEORGIA

REGISTERED

PROFESSIONAL

ENGINEER

MARCUS E. SACK

DATE: 07/27/2021

M.E. SACK
ENGINEERING

MUNICIPALITY:
City of Pembroke

COUNTY:
Bryan County

Owner:
City of Pembroke
160 N Main St
Pembroke, GA 31321
(912) 653-4413
water@pembrokega.net

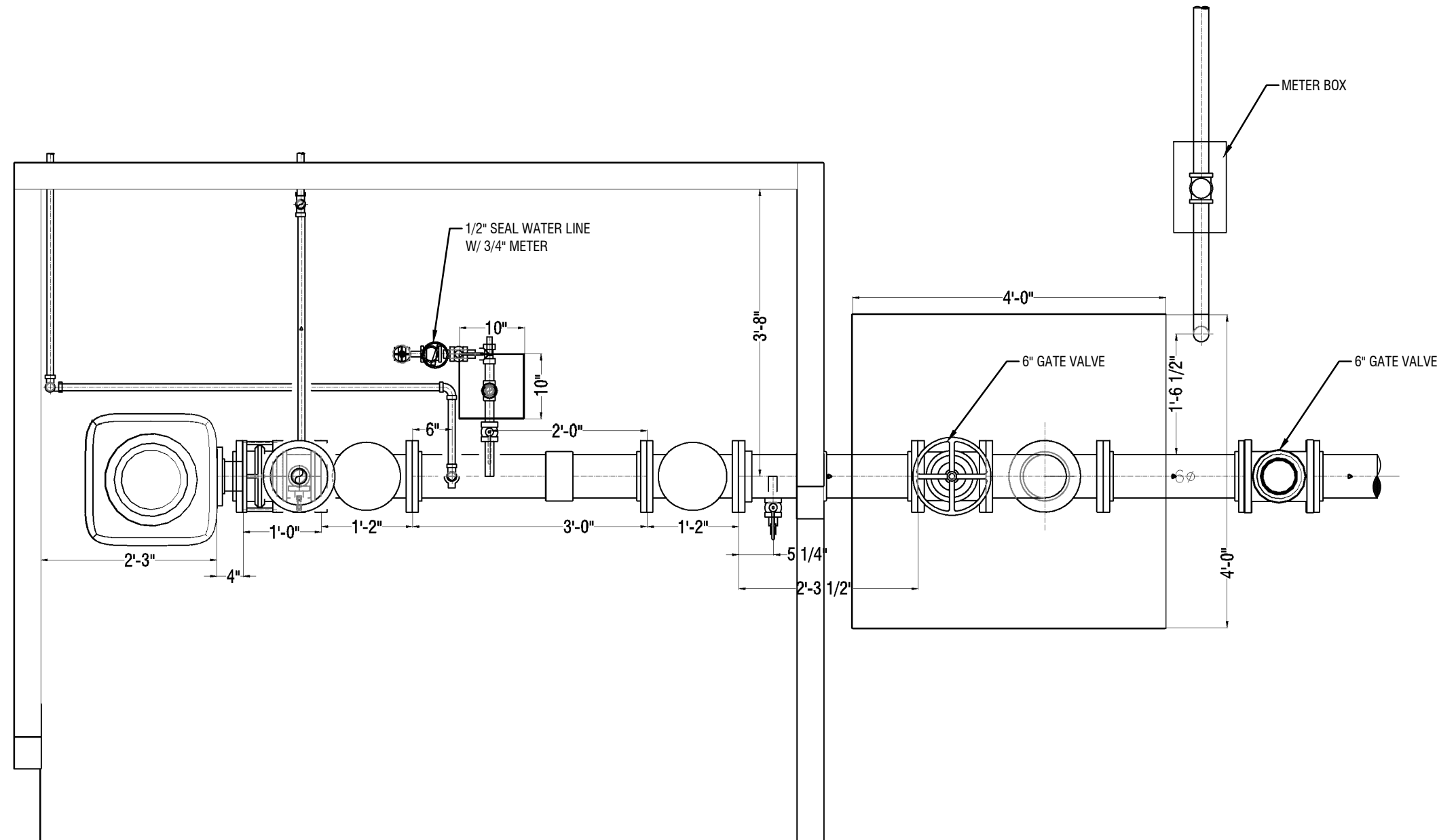
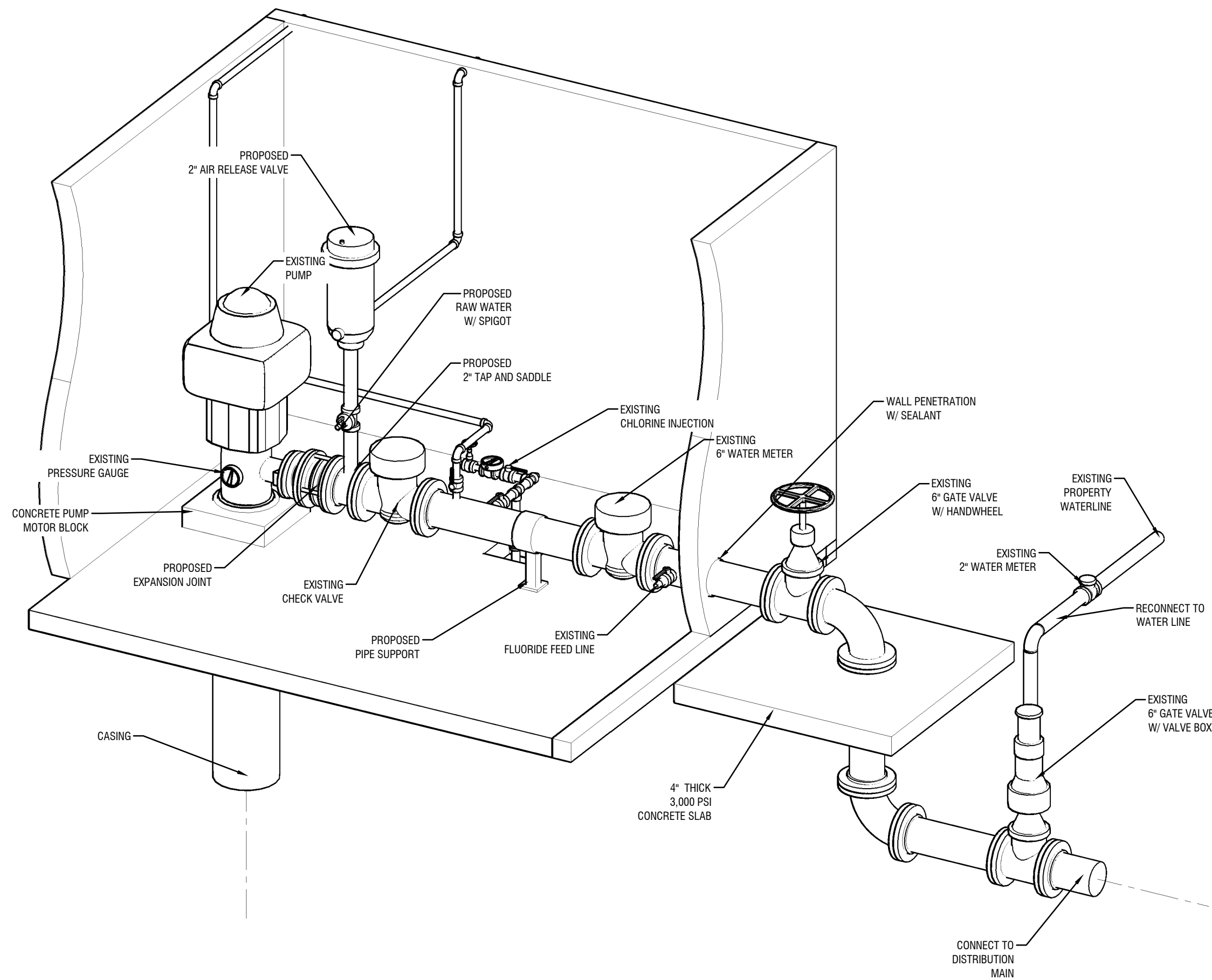
24 HOUR CONTACT:
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Water Meter
Relocation
Well #1

Existing
Construction

C100

FILE NO: 2021-48
PLOT DATE: August 2, 2021

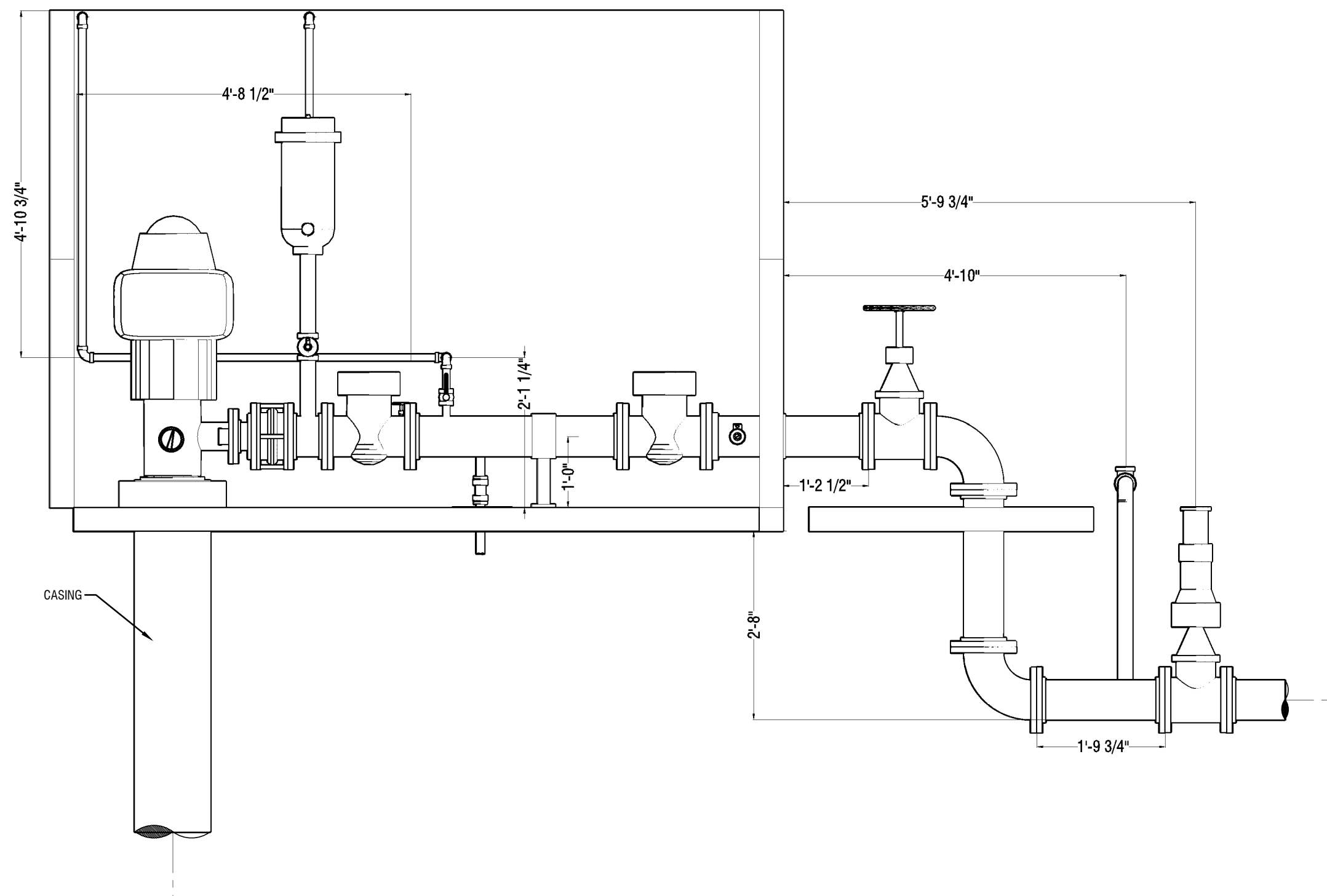


TOP VIEW

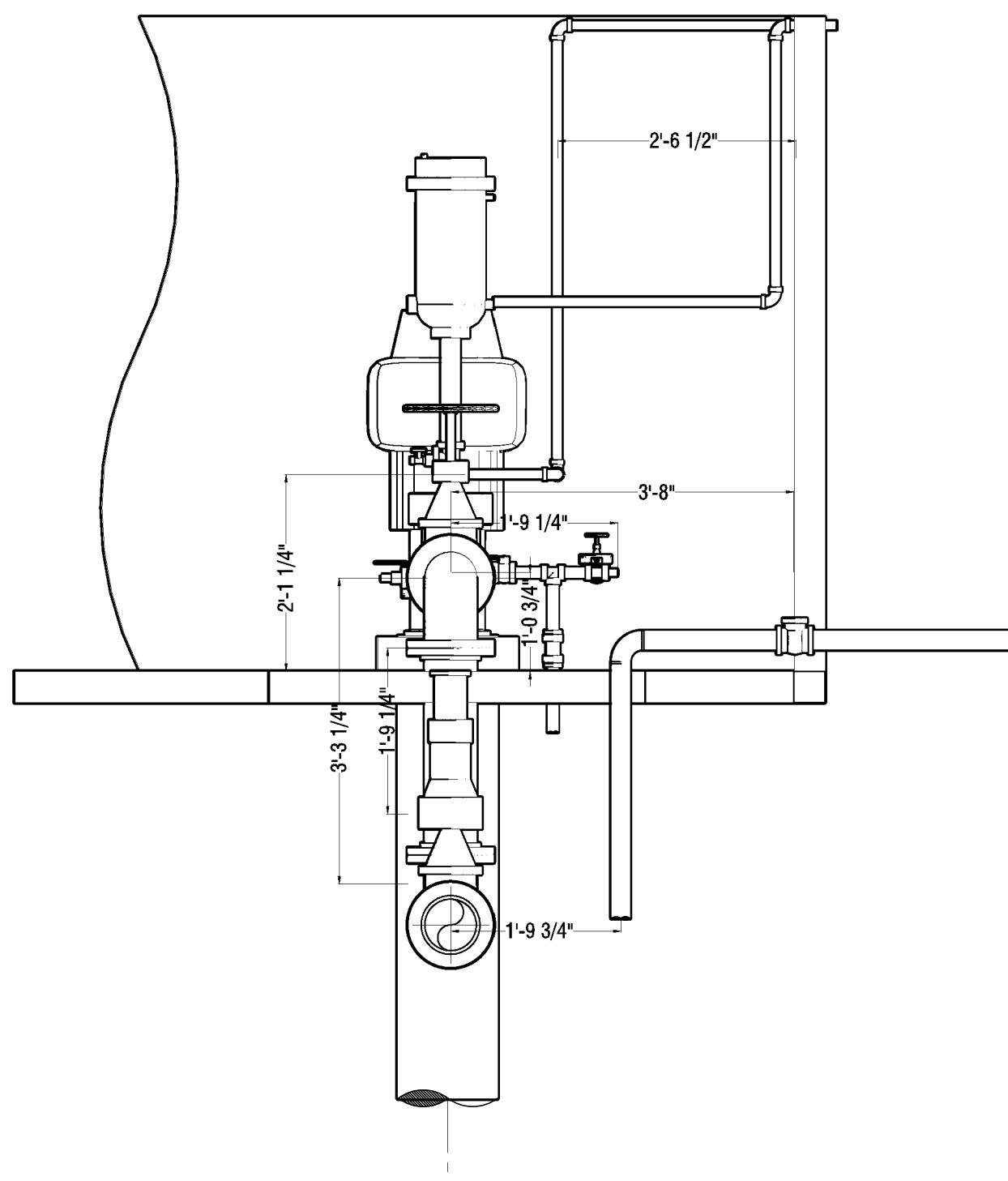
NOTE: CONTRACTOR TO CUT POWER ON WELL, REMOVE MAINLINE PARTS AND RECONSTRUCT PER DETAIL, EXCAVATE OUTSIDE OF WELL HOUSE FOR RECONNECTION AND BACKFILL COMPACT AND POUR CONCRETE PAD.

CONTRACTOR TO CUT POWER ONLY AFTER ALL MATERIAL NEEDED IS ON SITE.

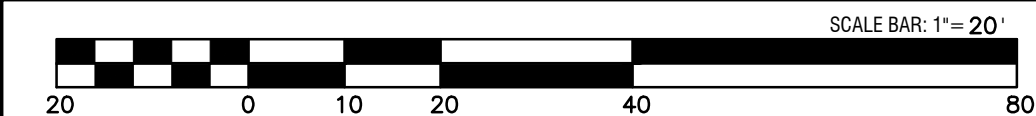
AFTER CUTTING POWER ON WELL, CONTRACTOR WILL HAVE ONLY ONE DAY FOR DECONSTRUCTION AND CONSTRUCTION.



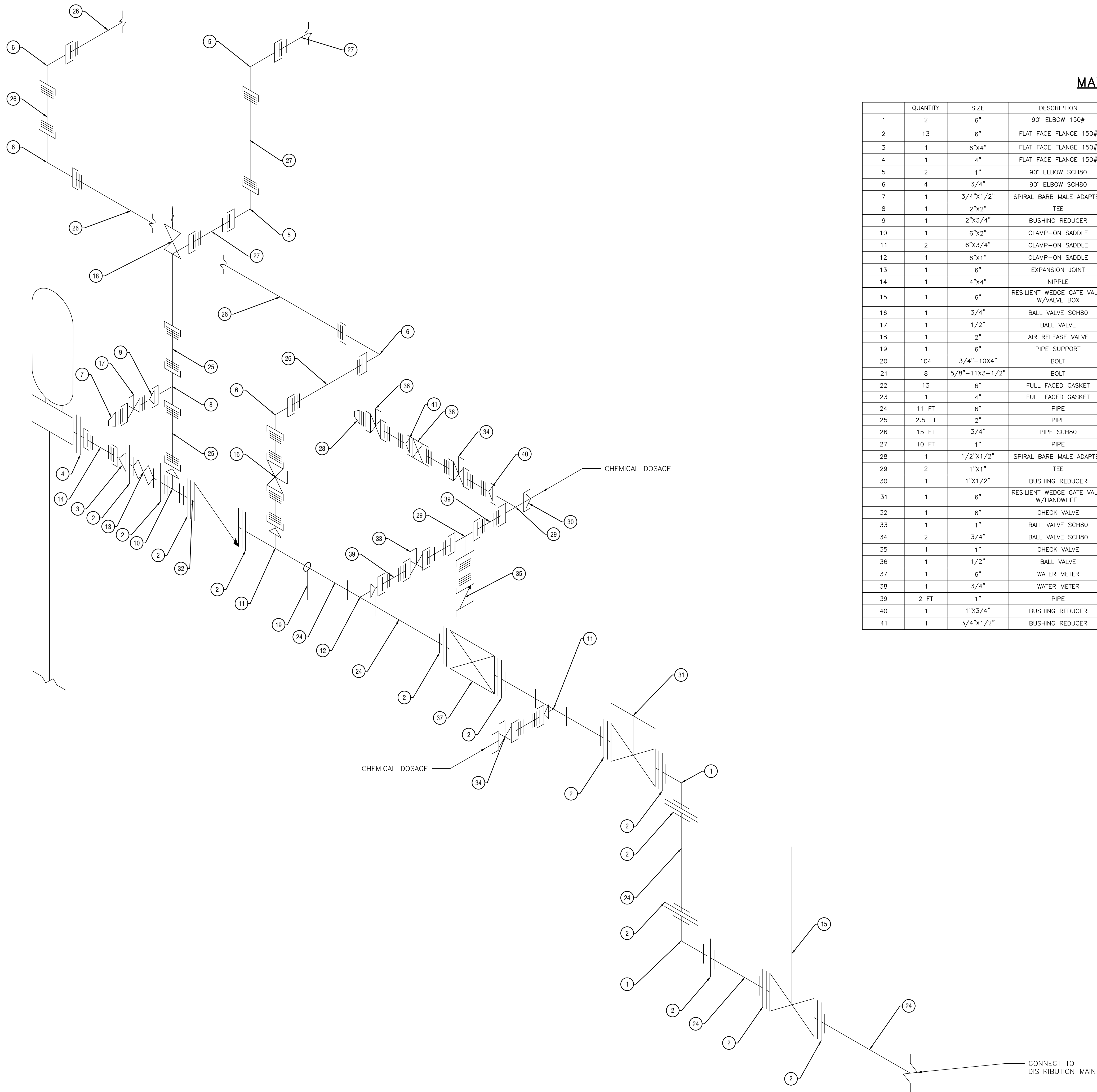
SIDE VIEW



FRONT VIEW



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DATE: 07/27/2021	
MUNICIPALITY:	
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COUNTY:	
Beyan County	
Owner:	
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Water Meter Relocation Well #1	
Proposed Construction	
C101	
FILE NO: 2021-48	
PLOT DATE: August 2, 2021	



MATERIAL LIST

	QUANTITY	SIZE	DESCRIPTION	MATERIAL	CONNECTION	
1	2	6"	90° ELBOW 150#	DUCTILE IRON	FLG	PROPOSED
2	13	6"	FLAT FACE FLANGE 150#	DUCTILE IRON	SLIP-ON	PROPOSED
3	1	6"x4"	FLAT FACE FLANGE 150#	DUCTILE IRON	FLGXFIPT	PROPOSED
4	1	4"	FLAT FACE FLANGE 150#	DUCTILE IRON	FLGXFIPT	PROPOSED
5	2	1"	90° ELBOW SCH80	CPVC	MIPT	PROPOSED
6	4	3/4"	90° ELBOW SCH80	CPVC	MIPT	PROPOSED
7	1	3/4"x1/2"	SPIRAL BARB MALE ADAPTER	PVC	MIPTXSPIRAL BARB	PROPOSED
8	1	2"x2"	TEE	DUCTILE IRON	FIPT	PROPOSED
9	1	2"x3/4"	BUSHING REDUCER	DUCTILE IRON	MIPTXFIPT	PROPOSED
10	1	6"x2"	CLAMP-ON SADDLE	CARBON STEEL	FIPT	PROPOSED
11	2	6"x3/4"	CLAMP-ON SADDLE	CARBON STEEL	FIPT	PROPOSED
12	1	6"x1"	CLAMP-ON SADDLE	CARBON STEEL	FIPT	PROPOSED
13	1	6"	EXPANSION JOINT	DUCTILE IRON/EPDM	FLG	PROPOSED
14	1	4"x4"	NIPPLE	DUCTILE IRON	TBE	PROPOSED
15	1	6"	RESILIENT WEDGE GATE VALVE W/VALVE BOX	DUCTILE IRON	FLG	PROPOSED
16	1	3/4"	BALL VALVE SCH80	CPVC	FIPTXFIPT	PROPOSED
17	1	1/2"	BALL VALVE	DUCTILE IRON	MIPTXFIPT	PROPOSED
18	1	2"	AIR RELEASE VALVE		FIPTXFIPT	PROPOSED
19	1	6"	PIPE SUPPORT	304 SS		PROPOSED
20	104	3/4"-10x4"	BOLT	304 SS	W/NUT+2 FLAT WASHERS	PROPOSED
21	8	5/8"-11x3-1/2"	BOLT	304 SS	W/NUT+2 FLAT WASHERS	PROPOSED
22	13	6"	FULL FACED GASKET	EPDM		PROPOSED
23	1	4"	FULL FACED GASKET	EPDM		PROPOSED
24	11 FT	6"	PIPE	DUCTILE IRON		PROPOSED
25	2.5 FT	2"	PIPE	DUCTILE IRON		PROPOSED
26	15 FT	3/4"	PIPE SCH80	CPVC		PROPOSED
27	10 FT	1"	PIPE	DUCTILE IRON		PROPOSED
28	1	1/2"x1/2"	SPIRAL BARB MALE ADAPTER	PVC	MIPTXSPIRAL BARB	EXISTING
29	2	1"x1"	TEE	DUCTILE IRON	FIPT	EXISTING
30	1	1"x1/2"	BUSHING REDUCER	DUCTILE IRON	MIPTXFIPT	EXISTING
31	1	6"	RESILIENT WEDGE GATE VALVE W/HANDWHEEL	DUCTILE IRON	FLG	EXISTING
32	1	6"	CHECK VALVE	DUCTILE IRON	FLG	EXISTING
33	1	1"	BALL VALVE SCH80	CPVC	FIPTXFIPT	EXISTING
34	2	3/4"	BALL VALVE SCH80	CPVC	FIPTXFIPT	EXISTING
35	1	1"	CHECK VALVE	DUCTILE IRON	FIPTXFIPT	EXISTING
36	1	1/2"	BALL VALVE	CPVC	MIPTXFIPT	EXISTING
37	1	6"	WATER METER		FLG	EXISTING
38	1	3/4"	WATER METER		MIPTXMIPT	EXISTING
39	2 FT	1"	PIPE	DUCTILE IRON		EXISTING
40	1	1"x3/4"	BUSHING REDUCER	DUCTILE IRON	MIPTXFIPT	EXISTING
41	1	3/4"x1/2"	BUSHING REDUCER	DUCTILE IRON	MIPTXFIPT	EXISTING

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Relocation
Well #1

Proposed
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Isometric

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