

MATERIAL LIST (ALL MATERIALS TO BE APPROVED BY EMWD)

ITEM	QTY	DESCRIPTION
(1)	1 EA	FLANGED PRESSURE REGULATOR W/(4) FOUR-PORT BONNET 🛕
2	2 EA	F X VICTAULIC SPOOL (CUT TO FIT)
3	1 EA	VICTAULIC COUPLING
(3) (4)	2 EA	F X F 90° ELBOW (MIN 4" I.D.) W/4" X 2" COMPANION FLANGE
5 6	3 EA	F X F BUTTERFLY VALVE
6	2 EA	FLANGED TEE, STEEL OR D.I. (RUN SIZE SAME AS MAIN REGULATOR NO. 1) STEEL OR D.I. COMPANION FLANGE (SIZE AS REQUIRED)
7	4 EA	STAINLESS STEEL BALL VALVE W/CLOSE NIPPLE (SIZE AS REQUIRED)
8	2 EA	COPPER OR BRASS PIPE (SIZE AS REQUIRED)
9	4 EA	45° COPPER OR BRASS ELBOW W/CLOSE NIPPLE (SIZE AS REQUIRED)
9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	1 EA	4" THREADED GLOBE DIRECT-ACTING PRESSURE REGULATOR W/UNION
11	2 EA	F X F CML&P STEEL OR D.I. PIPE (MIN 8" I.D.)
12	2 EA	() X 8" FLGD REDUCER, IF REQUIRED
13	2 EA	8" F X F CML&P STEEL OR D.I. PIPE SPOOL 🖄
14)		#4 REBAR GR 60 12" O.C. EA. WAY
15		PREFORMED EXPANSION PAPER PER ASTM 1751
	1 EA	CONCRETE SLAB (LENGTH= 12" LARGER AND WIDTH= 12" LARGER THAN ENCLOSURE) 🖄
17	1 EA	2" THREADED GLOBE DIRECT-ACTING PRESSURE REGULATOR W/UNION
18	2 EA	THREADED X F CML&P STEEL OR D.I. PIPE SPOOL (SIZED AS
		REQUIRED NO. 10)
19	2 EA	4" X 4" FLGD SPOOL (SIZE AS REQUIRED)
(20) (21)	2 EA	TWO PIECE SPLIT STEEL ENCLOSURE 2
21	2 EA	STEEL OR D.I. COMPANION FLANGE (SIZE AS REQUIRED) 🖄

REGULATOR TABLE

MAIN REGULATOR NO. 1 (SIZE)	BYPASS REGULATOR NO. 10 (SIZE)
8"	4" Direct-Acting Reg.
BYPASS REGULATOR NO. 17 (SIZE)	2" Direct-Acting Reg.

PRESSURE REGULATOR

SIZE	RECOMMENDED FLOW (HEAD LOSS VARIES)
2''	15 GPM - 210 GPM
4''	50 GPM - 800 GPM
6''	115 GPM - 1800 GPM
8"	200 GPM - 3100 GPM

REVISIONS					APPROVALS				
NO.	DATE	INITIAL	DESCRIPTION	APP'D	DATE		INITIAL	DATE	
						DESIGN	CM	7/14/05	
						CONSTRUCTION			
\Diamond	3/10/22	GS	UPDATED TITLE BLOCK, NOTES CAGE DETAIL, REGULATOR CONFIG.	AGA	3/10/22	INSPECTION	CD	7/14/05	
/2\	3/10/22		ADDED SECOND SHEET FOR PLACEMENT DETAILS AND NOTES		A9	49	3/10/-	OPERATIONS	KG
1	8/5/20	GS	UPDATED TITLE BLOCK, FONT AND LOGO	AGA	8/5/20	SUBMITTED	VJB	7/18/05	
REFERENCES:		SCALE: NONE							
	FILE I.D.: \kauai\eng\std dwgs\B-933.dgn		DRAWN BY: CM		RECOMMENDED				

FILE I.D.: \kauai\eng\std dwgs\B-933.dgn



DATE

DIRECTOR OF ENGINEERING

EASTERN MUNICIPAL WATER DISTRICT STANDARD DRAWING

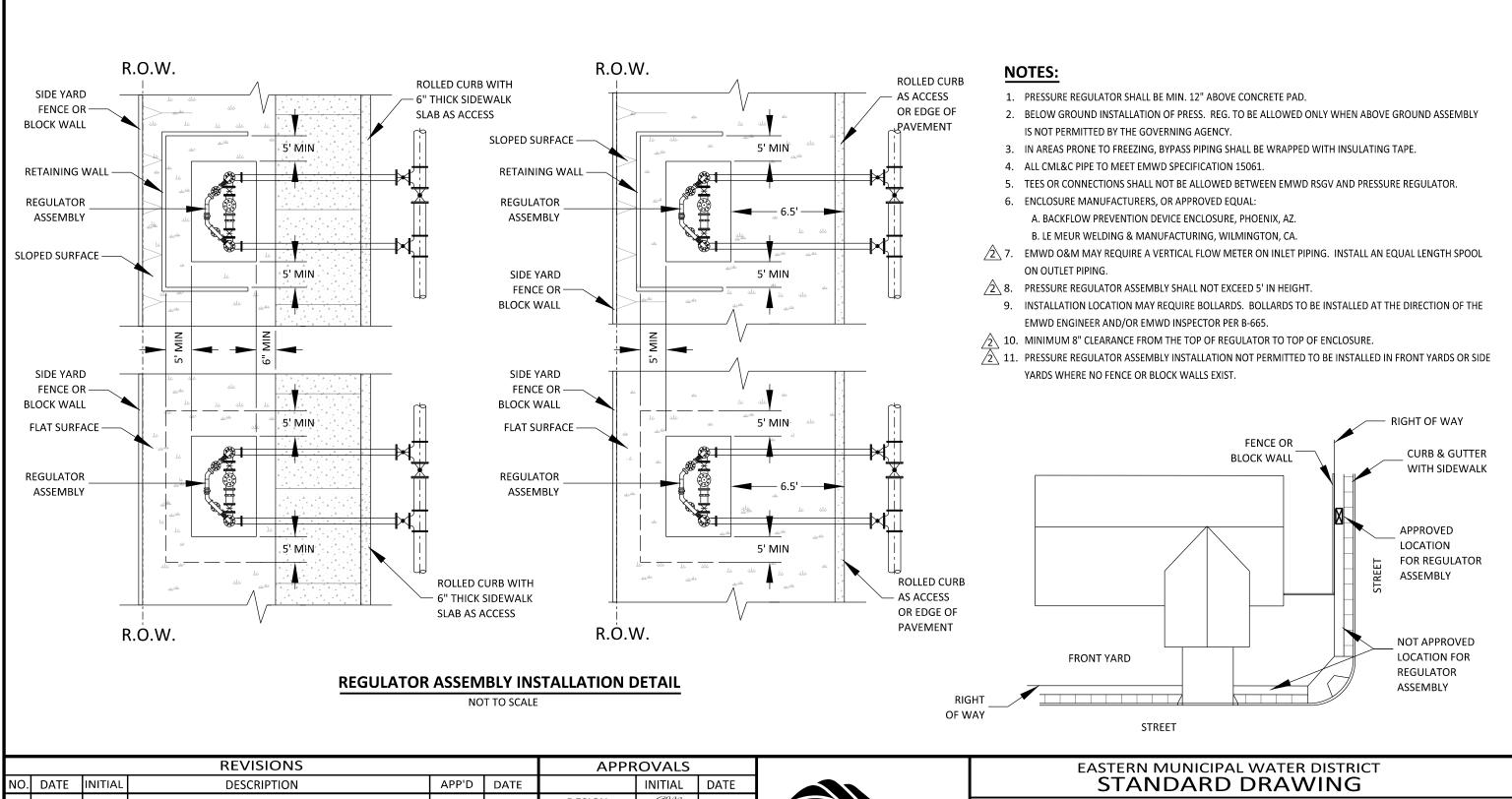
8" PRESSURE REGULATOR **ABOVE GROUND INSTALLATION**

SHEET 1 of 2

Charlie Bachmann ASSISTANT GENERAL MANAGER APPROVED_

7/18/05 DATE

B-933



ATE II	NITIAL	DESCRIPTION	APP'D	DATE	DESIGN	INITIAL	DATE	
					DESIGN	CM	7 4 4 60 5	
					D 251011	CW	7/14/05	
					CONSTRUCTION			EASTERN
					INSPECTION	CD	7/14/05	_ WATER
/10/22	CC	UPDATED TITLE BLOCK, NOTES CAGE DETAIL, REGULATOR CONFIG.	L A	0/22	OPERATIONS	KG	7/15/05	OIIIVV OIDISTRICT
10/22	GS	ADDED SECOND SHEET FOR PLACEMENT DETAILS AND NOTES] AG	3/10/	SUBMITTED	VJB	7/18/05	
RENCE:	S: SUF	PERCEDES B-368	SCALE: N	ONE				
FILE I.D.: \kauai\eng\std dwgs\B-932.dgn DRAWN BY: 0				BY: CM	RECOMMENDED			
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4" & 6" PRESSURE REGULATOR ABOVE GROUND INSTALLATION

SHEET 2 of 2

APPROVED Charlie Bachmann
ASSISTANT GENERAL MANAGER

10/11/05

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