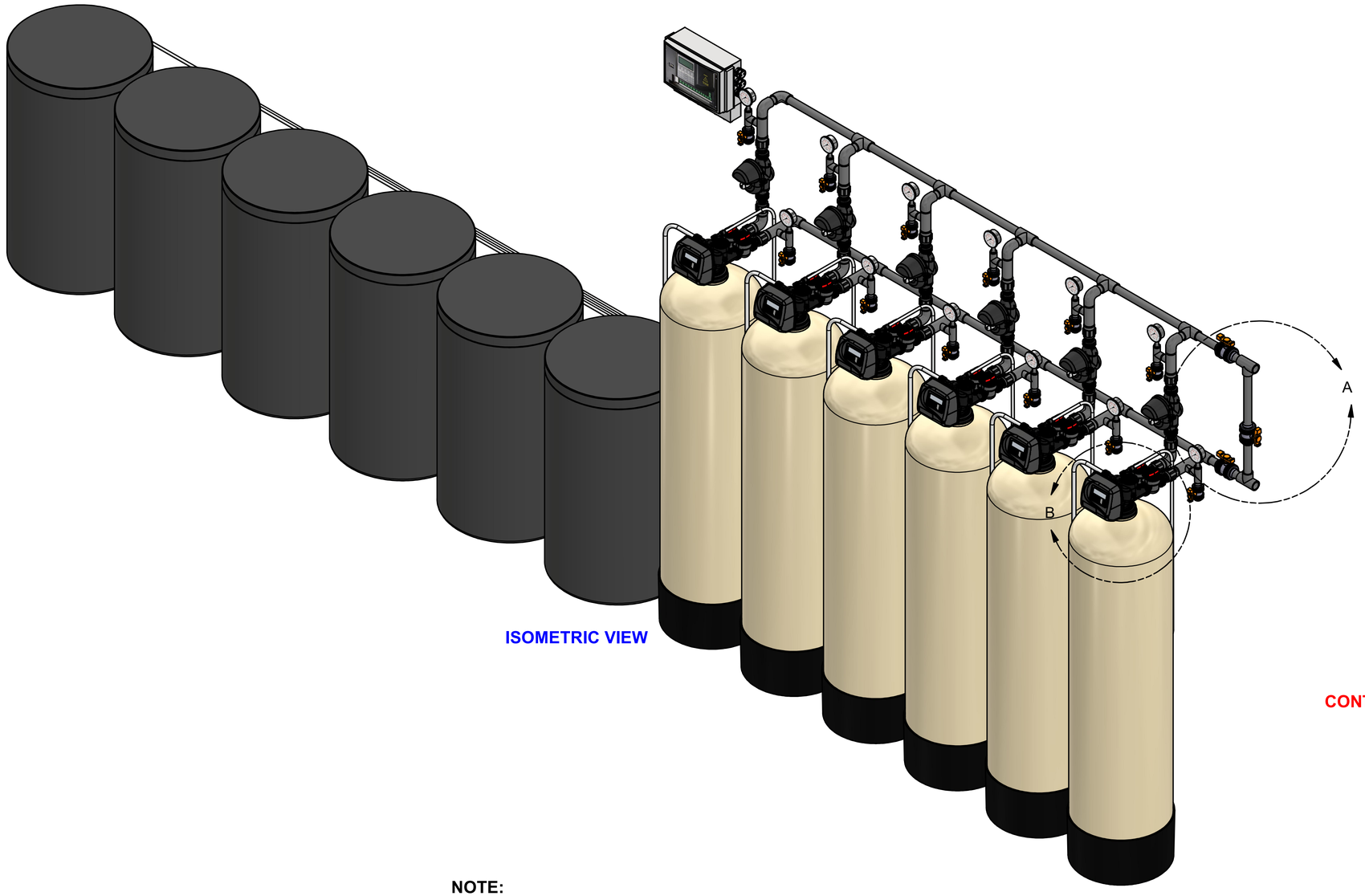
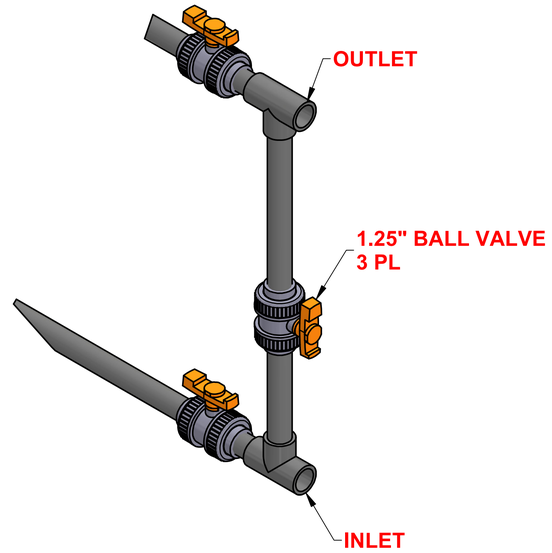
CONTROL VALVE (in)	PIPING CONNECTIONS (in)				MINERAL TANK (in)	BRINE TANK (in)	RESIN PER VESSEL (ft³)	CAPACITY(GRAINS)				FLOW RATE (gpm)						WEIGHT (lbs)	
	INLET	OUTLET	DRAIN	BRINE				15 lbs/ft³	10 lbs/ft³	6 lbs/ft³	MAX SYSTEM	MIN	CRITICAL	SERVICE	15psi ΔP	25psi ΔP	BACKWASH	SHIPPING	OPERATING
1.25	1.25	1.25	0.75	0.375	16 X 65	24 X 50	4.0	120,000	108,000	80,000	720,000	2.8	66.0	102.0	150.0	204.0	6.5	2,325	9,000

REVISION HISTORY

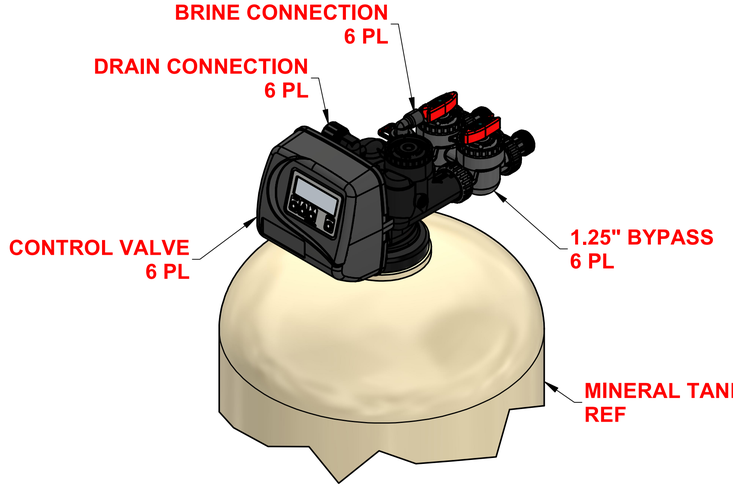
REV	DESCRIPTION	DATE	DESIGNER	APPROVED
A	INITIAL RELEASE	2022-07-14	CSIDDARUSHI	M. GARNER



ISOMETRIC VIEW



DETAIL A
SCALE 0.25 : 1
OPTIONAL 3 WAY BYPASS



DETAIL B
SCALE 0.25 : 1

NOTE:

1. DRAWING IS FOR REFERENCE ONLY.
2. PIPING AND INSTRUMENTATION SHOWN ARE NOT INCLUDED IN THE SCOPE.
3. RECOMMEND INSTALLING HORIZONTAL FLEX CONNECTORS ON BOTH INLET AND OUTLET FOR FRP TANK EXPANSION.
4. RECOMMEND INSTALLING VACUUM BREAKER(S) ON ALL INLET FRP TANK CONNECTIONS.
5. PROVIDE AN AIR GAP ON DRAIN LINE OF AT LEAST 4 TIMES THE DIAMETER OF THE PIPE OR FOLLOW LOCAL PLUMBING CODES.

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EXCALIBUR Water Systems
Quality through innovation

UNLESS OTHER WISE SPECIFIED dimensions are in inches.
Tolerance on:
Decimals .XXX= ± .5 .XX= ± 1 .X= ± 2
Angles ± 1°

DRAWN	CSIDDARUSHI	2022-07-14
CHECKED	M. GARNER	2022-07-14
PROJECT MGR	M. GARNER	2022-07-14
ELE ENGINEER	NA	2022-07-14
APPROVED	M. GARNER	2022-07-14

TITLE: **WATER SOFTENER 1.25" SIXPLEX PROGRESSIVE 120,000 CAPACITY**

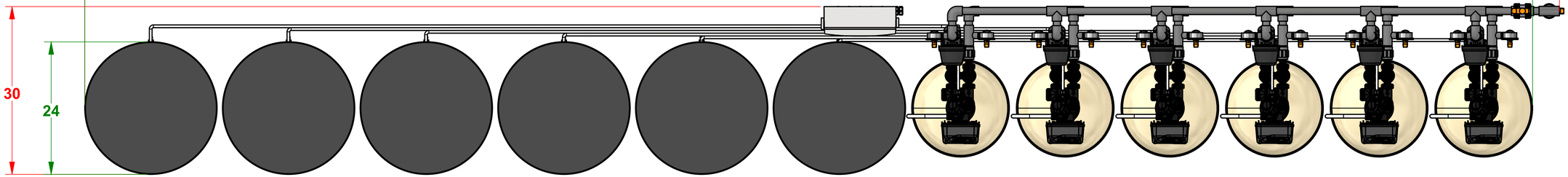
DRW NO: EWS SC1256120 Rev A
SCALE 1/10 SHEET 1 OF 2

268
WITH OPTIONAL 3 WAY BYPASS

263
PRODUCT DIMENSION

30

24



TOP VIEW

SYSTEM CONTROLLER

PRESSURE GAUGE
12 PL

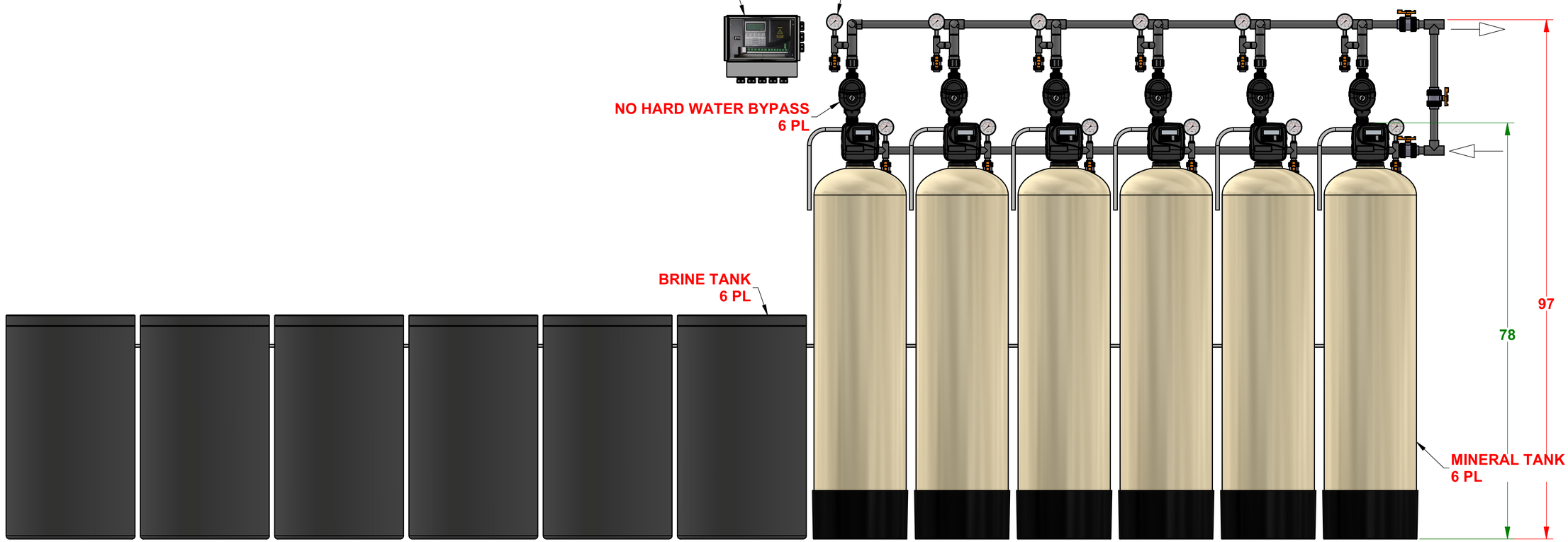
NO HARD WATER BYPASS
6 PL

BRINE TANK
6 PL

97

78

MINERAL TANK
6 PL



FRONT VIEW

EWS SC1256120	SHEET 2 OF 2