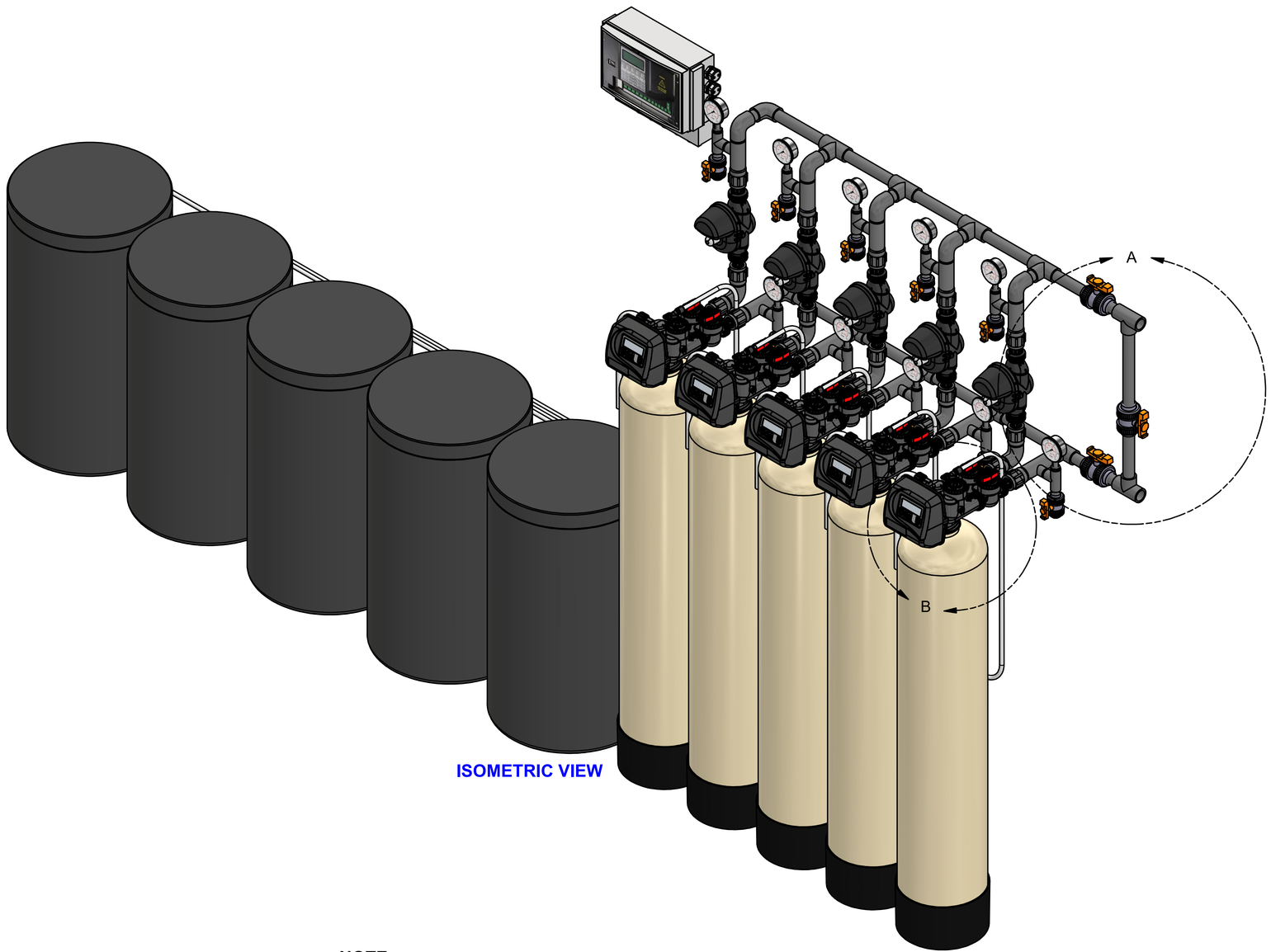
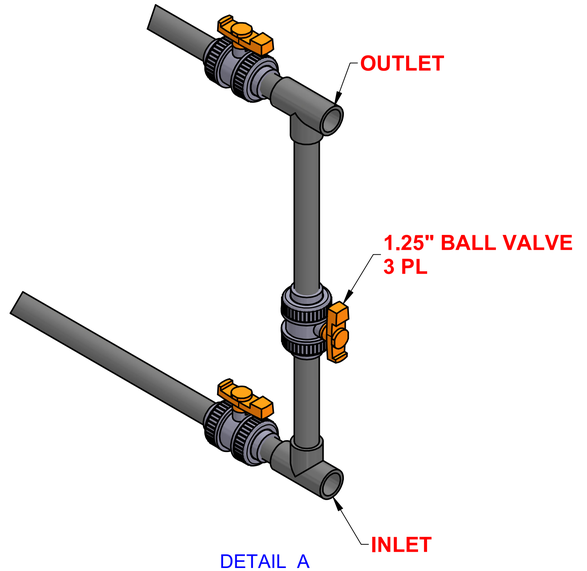
CONTROL VALVE (in)	PIPING CONNECTIONS (in)				MINERAL TANK (in)	BRINE TANK (in)	RESIN PER VESSEL (ft³)	CAPACITY(GRAINS)				FLOW RATE (gpm)						WEIGHT (lbs)	
	INLET	OUTLET	DRAIN	BRINE				15 lbs/ft³	10 lbs/ft³	6 lbs/ft³	MAX SYSTEM	MIN	CRITICAL	SERVICE	15psi ΔP	25psi ΔP	BACKWASH	SHIPPING	OPERATING
1.25	1.25	1.25	0.75	0.375	10 X 54	18 X 33	1.5	45,000	40,500	30,000	225,000	1.1	22.5	32.5	95.0	140.0	2.7	750	3,125

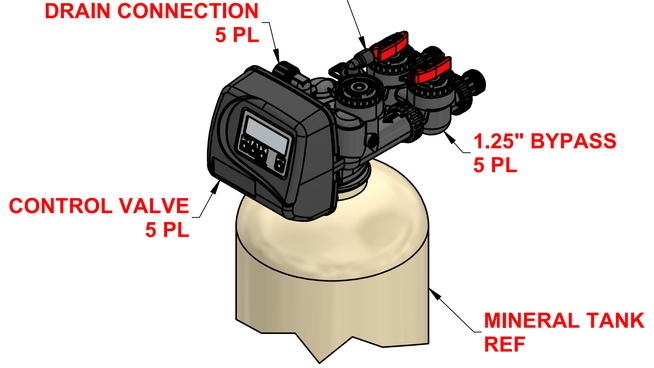
REVISION HISTORY				
REV	DESCRIPTION	DATE	DESIGNER	APPROVED
A	INITIAL RELEASE	2022-07-14	CSIDDARUSHI	M. GARNER



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

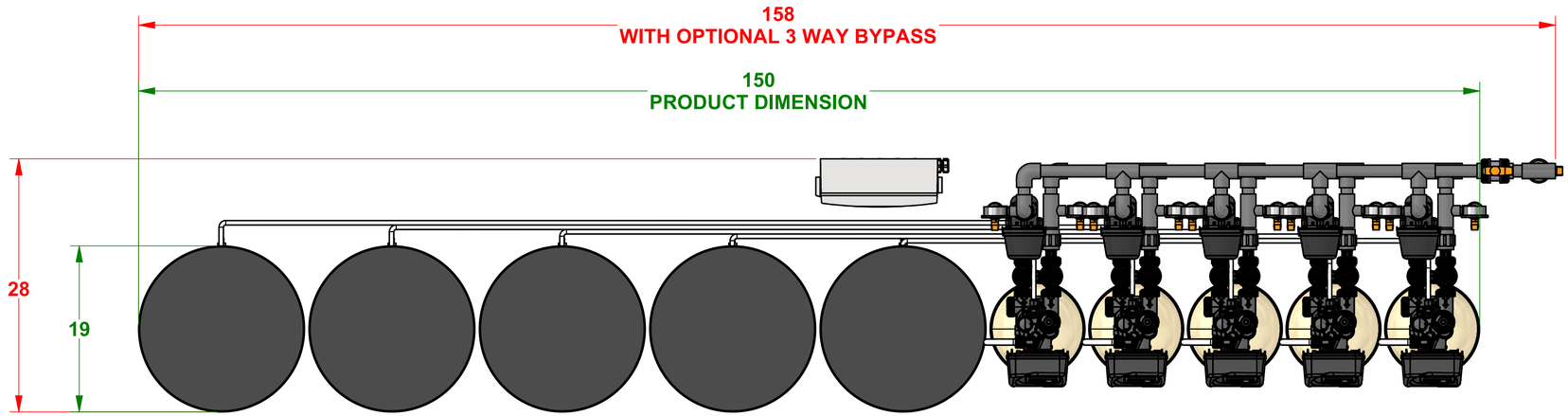
UNLESS OTHER WISE SPECIFIED dimensions are in inches.
Tolerance on:
Decimals: .XXX= ± .5, .XX= ± 1, .X= ± 2
Angles: ± 1°

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

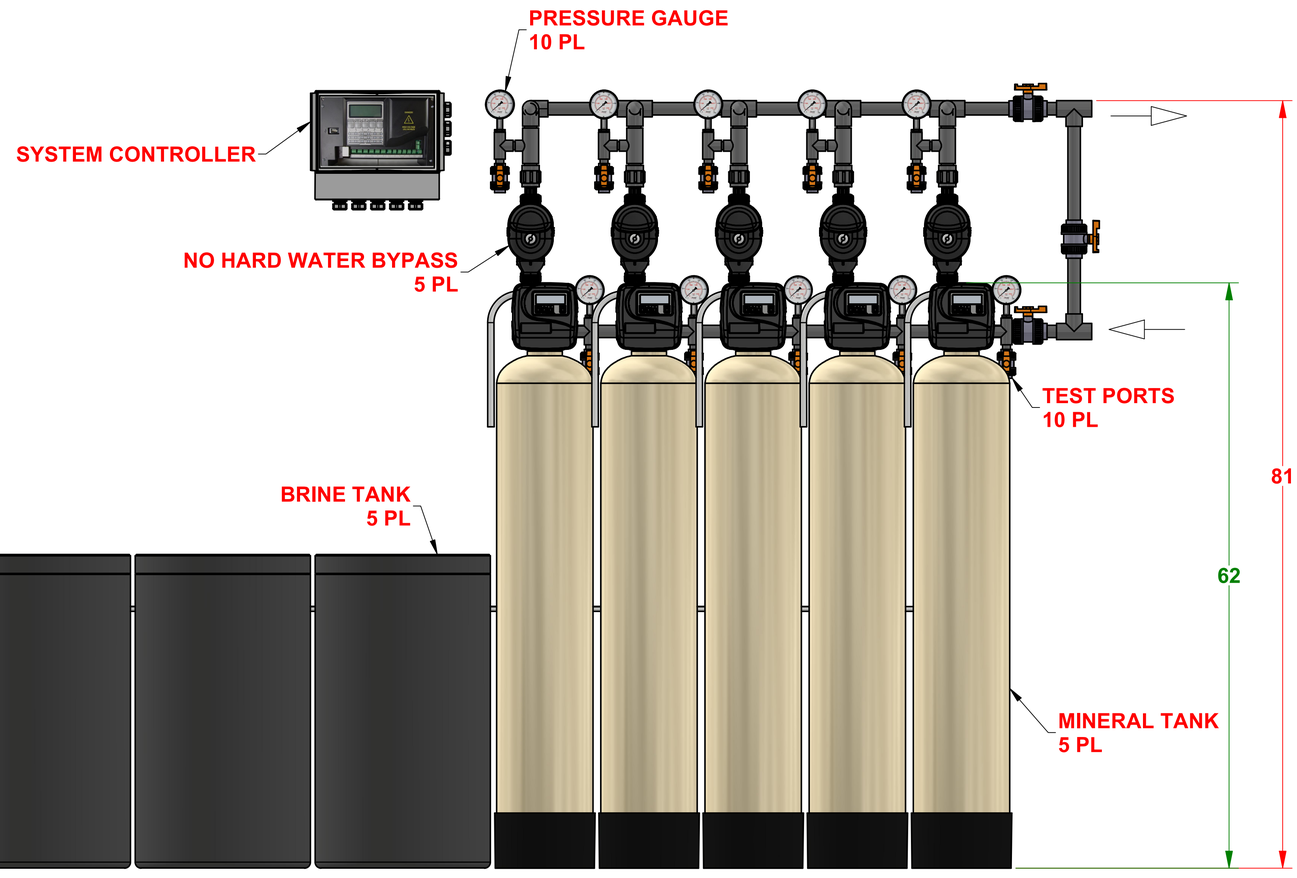
TITLE: **WATER SOFTENER 1.25" FIVEPLEX PROGRESSIVE 45,000 CAPACITY**

DRW NO: EWS SC125545 | Rev: A

SCALE 1/7 | SHEET 1 OF 2



TOP VIEW



FRONT VIEW

EWS SC125545	SHEET 2 OF 2