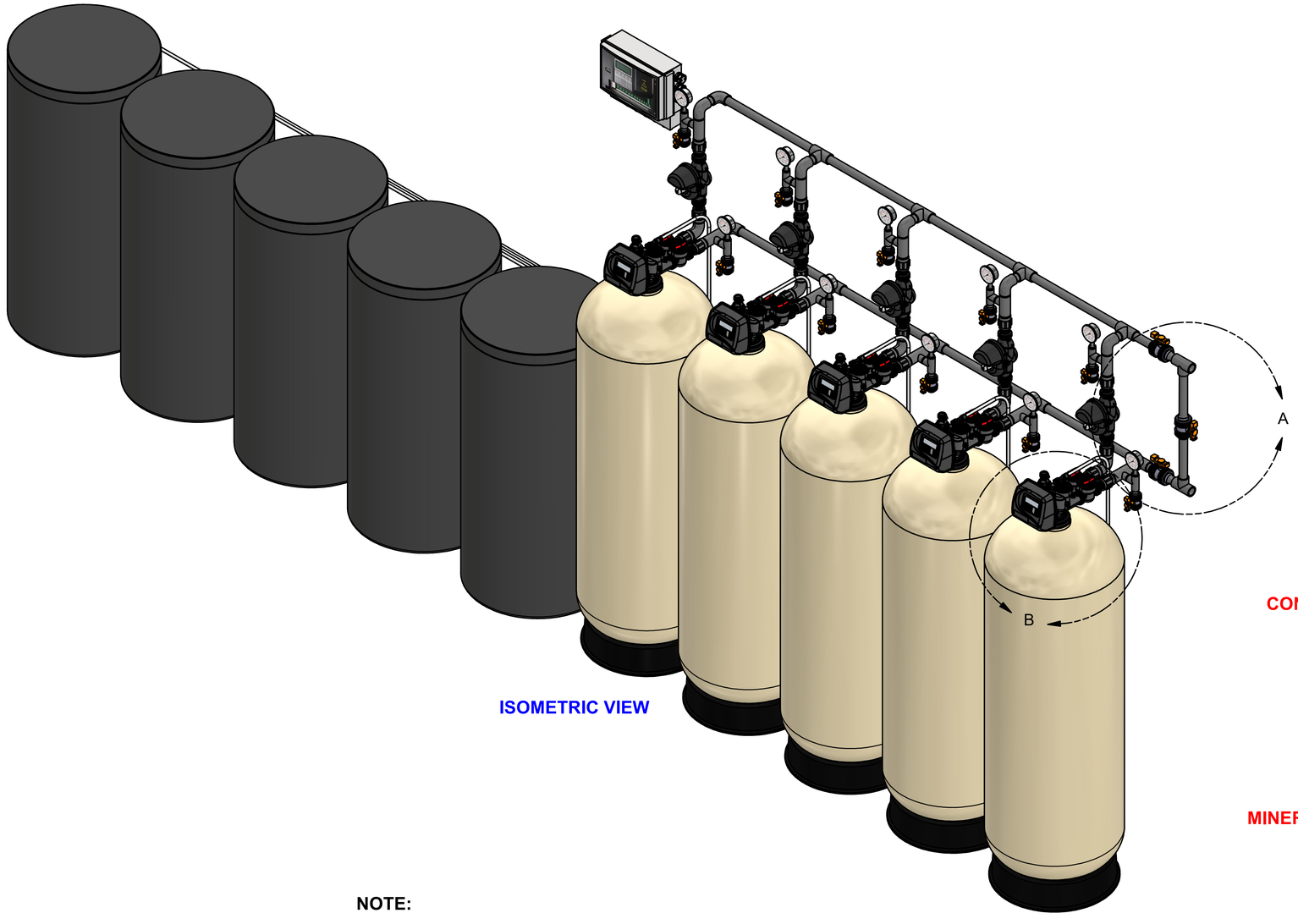
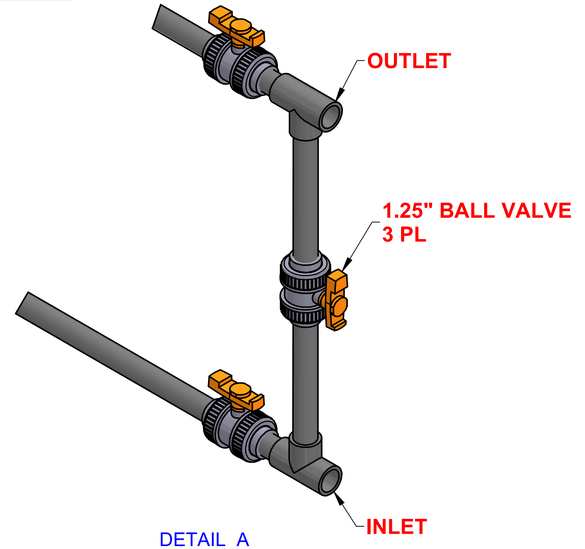
CONTROL VALVE (in)	PIPING CONNECTIONS (in)				MINERAL TANK (in)	BRINE TANK (in)	RESIN PER VESSEL (ft³)	CAPACITY(GRAINS)				FLOW RATE (gpm)						WEIGHT (lbs)	
	INLET	OUTLET	DRAIN	BRINE				15 lbs/ft³	10 lbs/ft³	6 lbs/ft³	MAX SYSTEM	MIN	CRITICAL	SERVICE	15psi ΔP	25psi ΔP	BACKWASH	SHIPPING	OPERATING
1.25	1.25	1.25	1.0	0.5	21 X 62	24 X 50	7.0	210,000	189,000	140,000	1,050,000	4.8	95.0	145.0	135.0	170.0	11.0	3,180	11,250

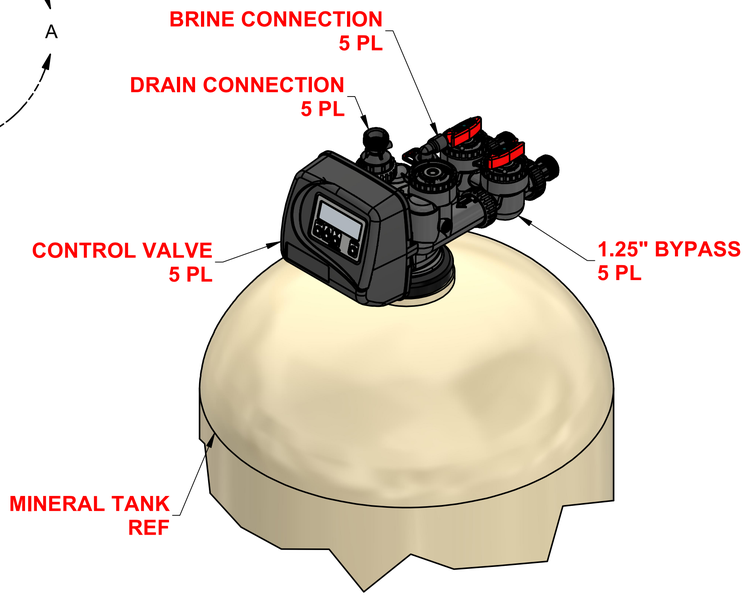
REVISION HISTORY				
REV	DESCRIPTION	DATE	DESIGNER	APPROVED
A	INITIAL RELEASE	2022-07-14	CSIDDARUSHI	M. GARNER



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 210,000 CAPACITY**

DRW NO: EWS SC1255210 Rev A

SCALE 1/10 SHEET 1 OF 2

239
WITH OPTIONAL 3 WAY BYPASS

237
PRODUCT DIMENSION

31

24

TOP VIEW

SYSTEM CONTROLLER

PRESSURE GAUGE
10 PL

NO HARD WATER BYPASS
5 PL

BRINE TANK
5 PL

TEST PORT
10 PL

95

76

MINERAL TANK
5 PL

FRONT VIEW

EWS SC1255210	SHEET 2 OF 2