

- NOTES:
- ALL DIMENSIONS SHOWN IN TABLE ARE IN INCHES, UNLESS OTHERWISE NOTED & ARE ± 1 INCH (25MM).
 - ALL ITEMS SHOWN IN PHANTOM LINE ARE TO BE PROVIDED BY OTHERS.
 - ALL DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT ANY NOTICE.
 - INSTALL UNIONS FITTINGS ON INLET, OUTLET & DRAIN PLUMBING CONNECTIONS.
 - PROVIDE A 2 FEET MINIMUM CLEARANCE ABOVE MINERAL TANK FOR FILLING MEDIA.
 - A GFCI EQUIPT ELECTRICAL OUTLET SHOULD BE PROVIDED WITHIN 5 FEET OF EQUIPMENT LOCATION.
 - USE DIELECTRIC UNIONS ON PLUMBING CONNECTIONS OF CONTROL VALVE WHEN DISSIMILAR METALS ARE PRESENT.
 - PROVIDED SYSTEM SHALL NOT BE SUBJECT TO ANY VACUUM. IF RISK OF VACUUM IS PRESENT, INSTALL SIPHON BREAK ON DRAIN LINE & INSTALL VACUUM RELIEF VALVE WATTS ORDERING CODE # 0556031 ON INLET LINE.
 - BRINE TANK DIMENSIONS SHOWN ON TABLE ARE FACTORY SELECTED FOR USE WITH THE SPECIFIED SYSTEM SIZE.
 - DO NOT INSTALL DRAIN LINE DIRECTLY TO A DRAIN. FOR PROPER DRAIN CONNECTION FOLLOW ALL NATIONAL, STATE AND LOCAL CODES. DO NOT CONSTRUCT DRAIN LINE TO ELEVATIONS THAT EXCEED 4 FEET ABOVE THE CONTROL VALVE'S DRAIN PORT.
 - THE FULL WEIGHT OF THE PIPING AND VALVES MUST BE SUPPORTED BY PIPE HANGERS OR OTHER MEANS.
 - INLET AND OUTLET HEADERS NEED TO BE SIZED ACCORDING TO FLOW RATE REQUIREMENTS BY OTHERS.
 - POWER REQUIREMENTS: 115V/60HZ 2.7 AMPS PER CONTROL VALVE UNLESS OTHERWISE SPECIFIED.
 - BRINE TANK MUST BE LOCATED WITHIN 10 FEET OF SYSTEM CONTROL VALVE AND ON A COMMON FLOOR ELEVATION WITH MINERAL TANK TO ENSURE PROPER BRINE DRAW OPERATION.
 - USE FACTORY SUPPLIED BRINE TUBING. DO NOT USE SMALLER DIAMETER TUBING THAN WHAT IS SUPPLIED.
 - LIMIT INLET PRESSURE TO NOT EXCEED MAXIMUM PUBLISHED OPERATING PRESSURE.

SERIES LCTA-100 TWIN ALT. DIMENSION (INCHES) & SPECIFICATIONS																		
MODEL NO.	ORDERING CODES (EDP NO.)	MINERAL TANK SIZE	INLET	OUTLET	OVERALL HEIGHT (SEE NOTE 5)	OVERALL DEPTH	OVERALL WIDTH	MINIMUM INLET PIPE DISTANCE	BRINE TANK (SEE NOTE 9)	CONTROL VALVE INLET/OUTLET PIPE SIZE (NPT)	DRAIN CONN. SIZE (NPT)	SERVICE FLOW GPM @ 15 PSI DROP	PEAK SERVICE FLOW GPM @ 25 PSI DROP	DRAIN FLOW RATE (GPM)	MIN/MAX OPERATING TEMP F°	MIN/MAX OPERATING PRESSURE (PSI)	ESTIMATED OPERATING WEIGHT (LBS)	ESTIMATED SHIPPING WEIGHT (LBS)
M2058B-SE	68105186	9 X 48	50	50	55	12	27.38	16.0	18 X 40	1.0	0.75	5	8	2.0	34/110	25/125	778.2	175
M2059B-SE	68105195	10 X 54	56.13	56.13	61.13	12.5	27.88	18.5	18 X 40	1.0	0.75	8	10	2.4	34/110	25/125	888.1	220
M2060B-SE	68105205	12 X 52	54.5	54.5	59.5	13.5	29.5	20.5	18 X 40	1.0	0.75	13	19	3.5	34/110	25/125	999.0	230
M2066B-SE	68105213	14 X 65	67.38	67.38	72.25	14.63	31.5	22.5	18 X 40	1.0	0.75	14	21	5.0	34/110	25/125	1353.0	290
M2069B-SE	68105223	16 X 65	66.63	66.63	71.63	16.13	33.13	25.5	18 X 40	1.0	0.75	15	21	7.0	34/110	25/125	1623.5	400

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LIMITS UNLESS SPECIFIED: FRACTIONAL ANGULAR 1/16" #1 (DECIMAL 0.0625) 3/32" X 1/8" (0.09375) 1/4" X 3/8" (0.1875) 5/8" X 3/4" (0.625) 1" X 1 1/8" (1.125) 1 1/2" X 2" (2.0) 2" X 2 1/2" (2.625) 3" X 3 1/2" (3.375) 4" X 4 1/2" (4.125) 6" X 6 1/2" (6.375) 8" X 8 1/2" (8.625) 10" X 10 1/2" (10.875) 12" X 12 1/2" (13.125) SURFACE FINISH: UNLESS OTHERWISE SPECIFIED 125 (2) RMS DO NOT SCALE DRAWING

TITLE: GENERAL INSTALLATION, SERIES LCTA-100 TWIN ALTERNATING 1" WATER SOFTENERS

PART NO.: SEE TABLE

MATERIAL: N/A

OTHER: ESTIMATED WEIGHT: SEE TABLE

EDP NO.: SEE TABLE

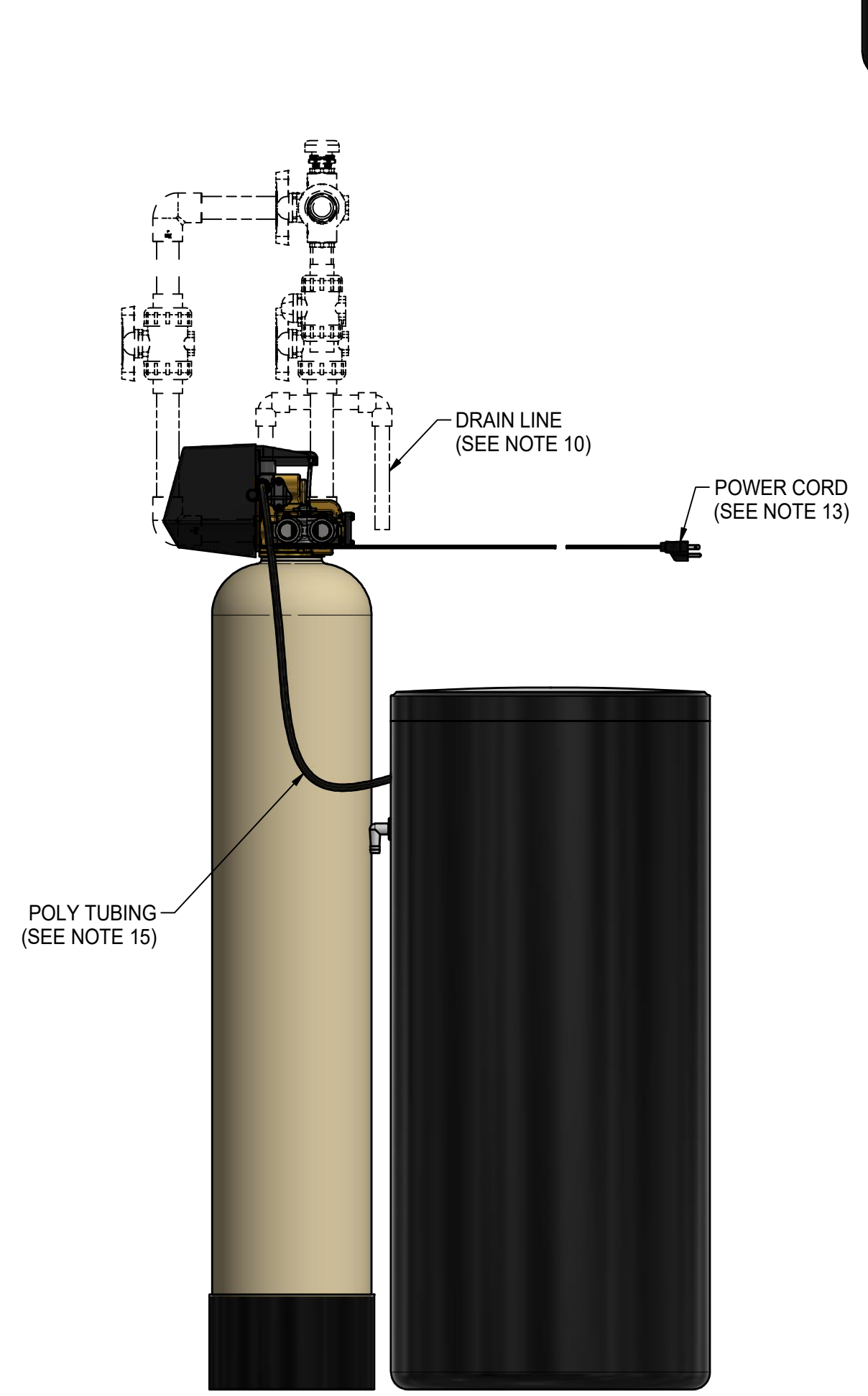
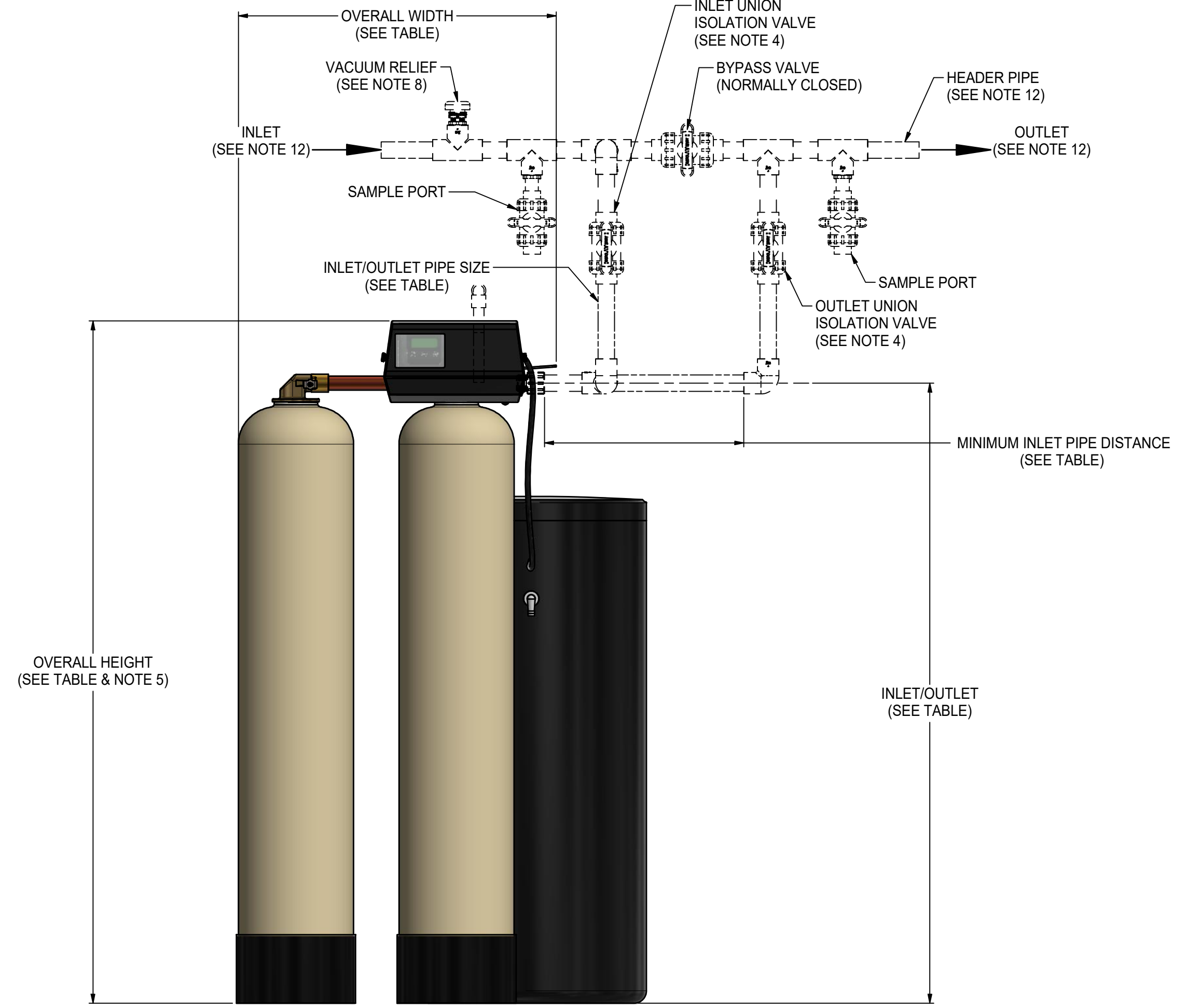
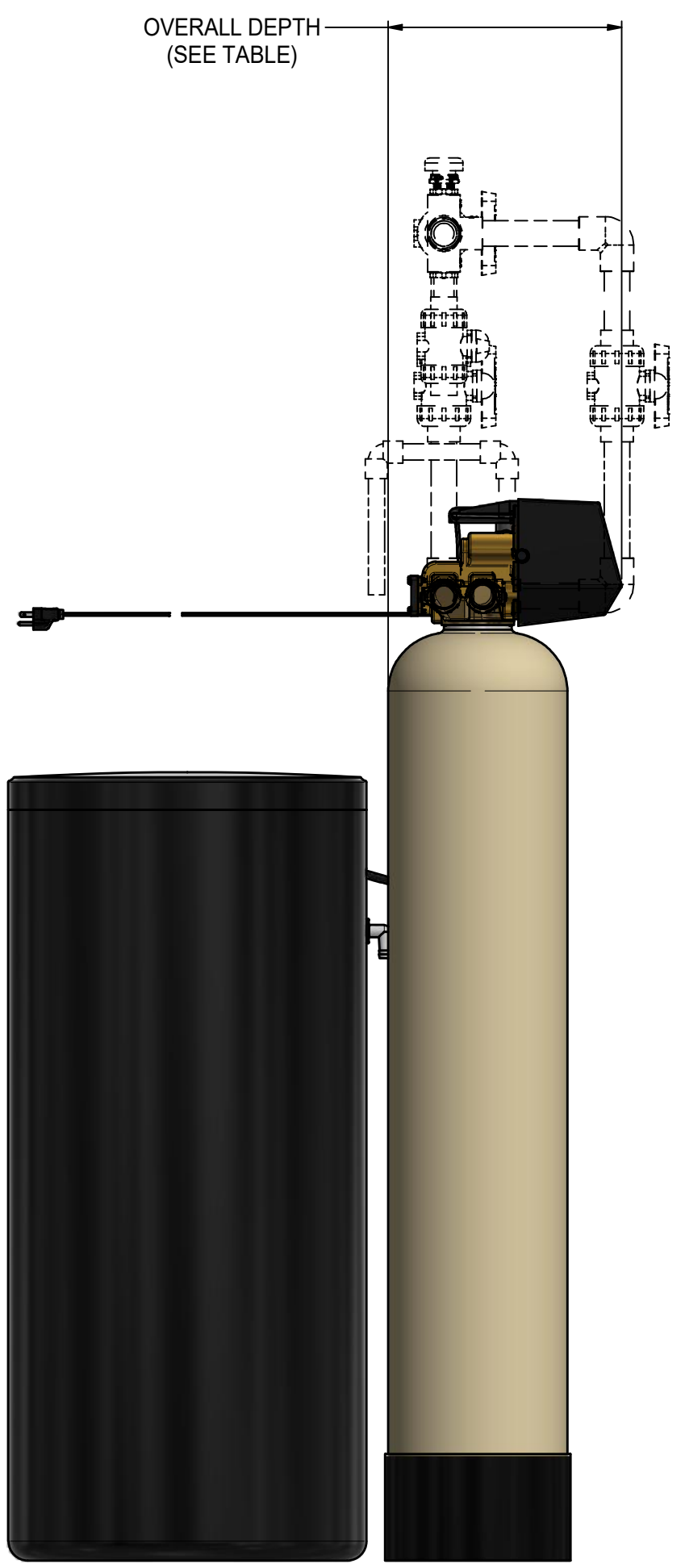
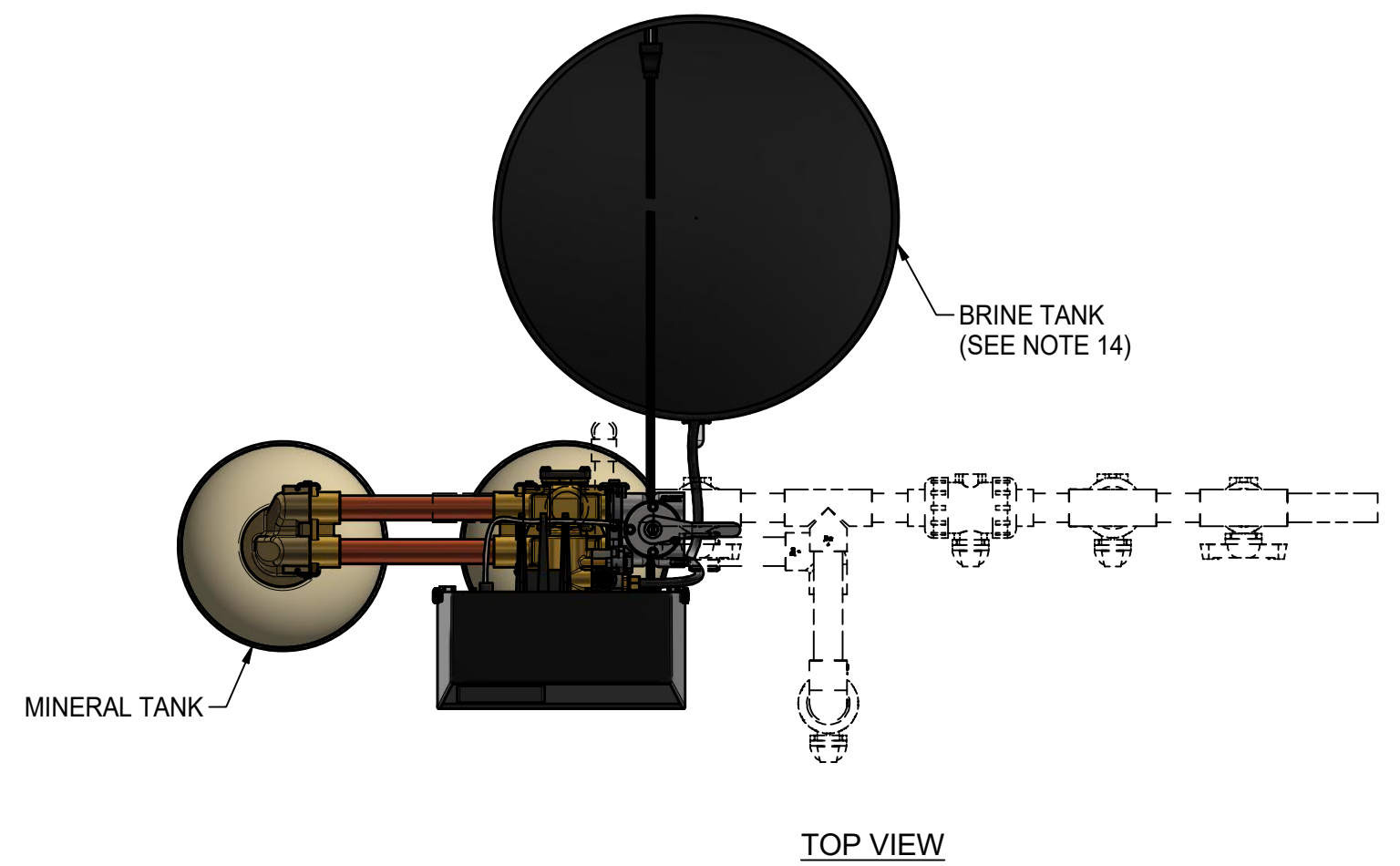
FILE TYPE: CAD

SIZE: D

REV: 1

DWG BY: JR DATE: 1/28/2021 SCALE: NTS SHEETS: 1 OF 1 SUPERSEDES:

CHKD BY: RL



CLIENT PROJECT SIGN-OFF	
JOB NAME:	
JOB LOCATION:	
CONTRACTOR:	
CONTRACTOR APPROVAL:	
CONTRACTOR APPROVAL DATE:	
CONTRACTOR PO NO:	
ENGINEER:	
ENGINEER APPROVAL:	
ENGINEER APPROVAL DATE:	