

- 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 LC-100 SIMPLEX 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)
M4032B-275NT	68105378	9 X 48	50.13	64	64	11.50	12.75	8.5	18 X 40	1.0	0.5	9	15	2.0	34/110	25/125	609.5	116
M4036B-275NT	68105379	10 X 54	56.25	70.13	70.13	12	12.75	10.5	18 X 40	1.0	0.5	10	15	2.4	34/110	25/125	666.0	136
M4040B-275NT	68105381	12 X 52	54.63	68.44	68.44	13	12.75	12.5	18 X 40	1.0	0.5	15	20	3.5	34/110	25/125	764.4	196
M4042B-275NT	68105386	14 X 65	66.75	80.5	80.5	14.13	14.13	14.5	18 X 40	1.0	0.5	18	23	5.0	34/110	25/125	926.3	240
M4046B-275NT	68105398	16 X 65	67.38	81.25	81.25	16.13	16.13	17.5	18 X 40	1.0	0.5	19	25	7.0	34/110	25/125	1089.3	320

**WATTS**  
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 NORTH ANDOVER, MA 01845

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DWG BY: JR  
 DATE: 2/10/2021  
 CHD BY: RL

SCALE: NTS  
 SHEET: 1 OF 1

SUPERSEDES:

TITLE: GENERAL INSTALLATION, SERIES LC-100 SIMPLEX 1" WATER SOFTENERS

PART NO.: SEE TABLE

MATERIAL: N/A

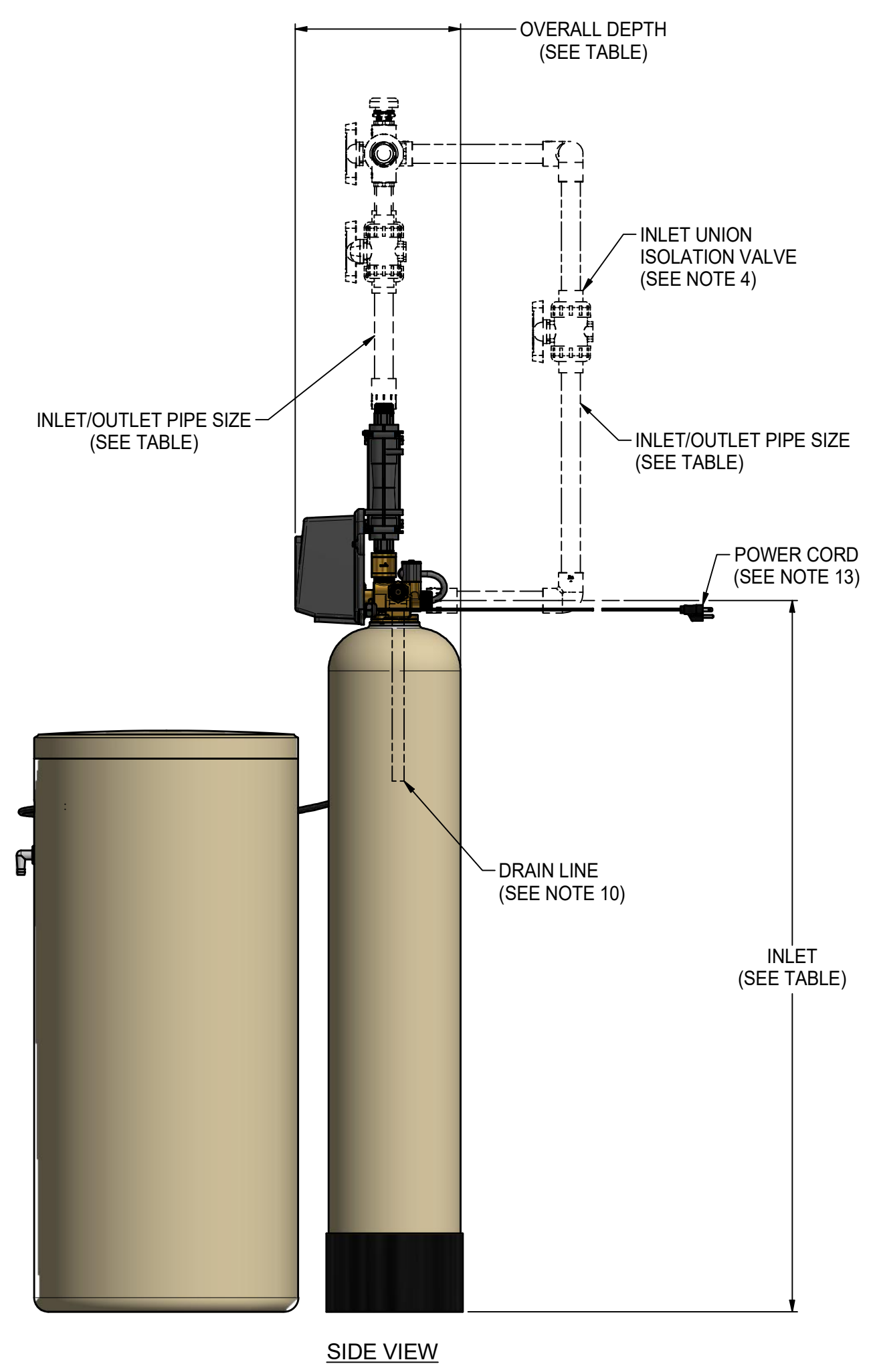
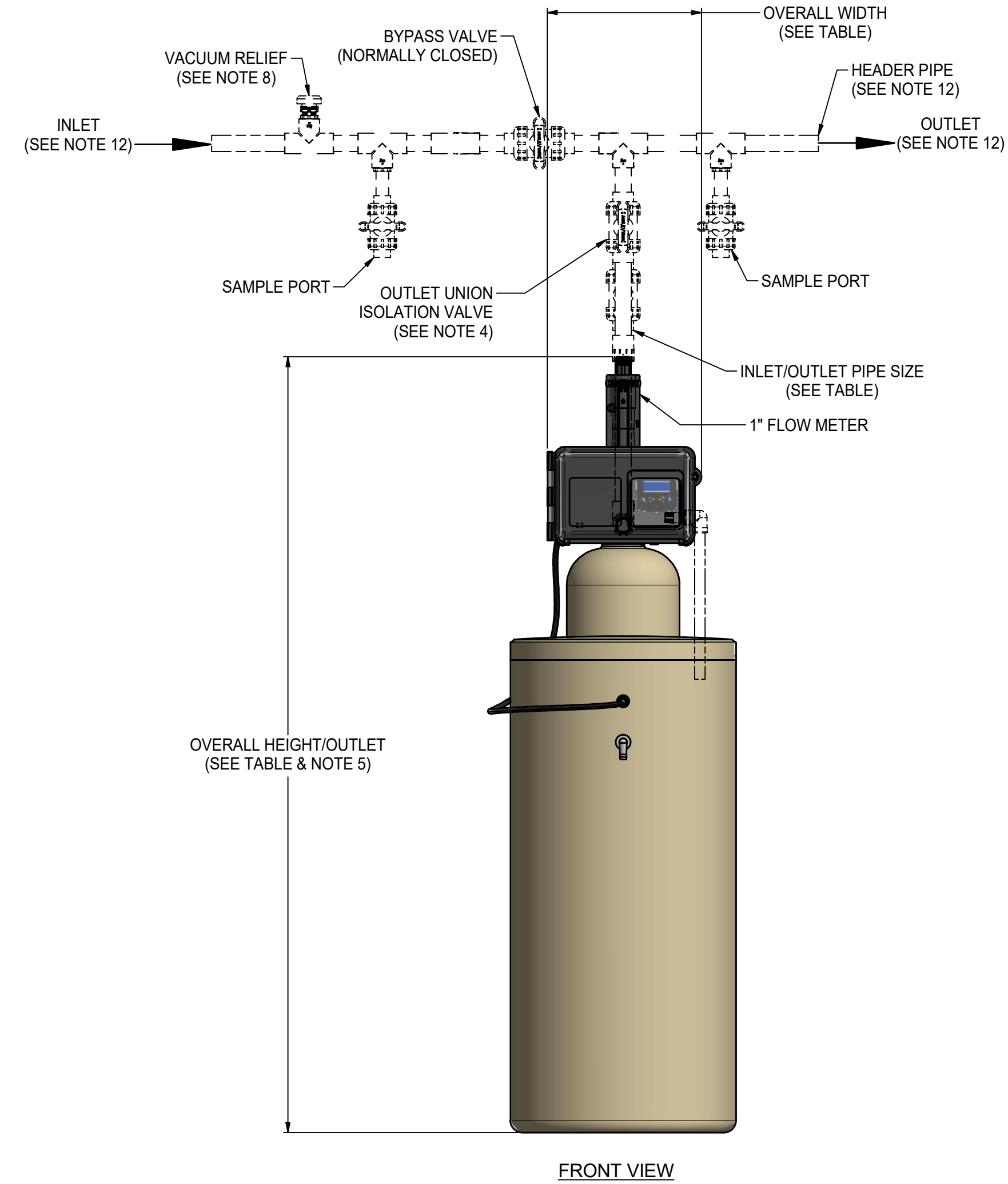
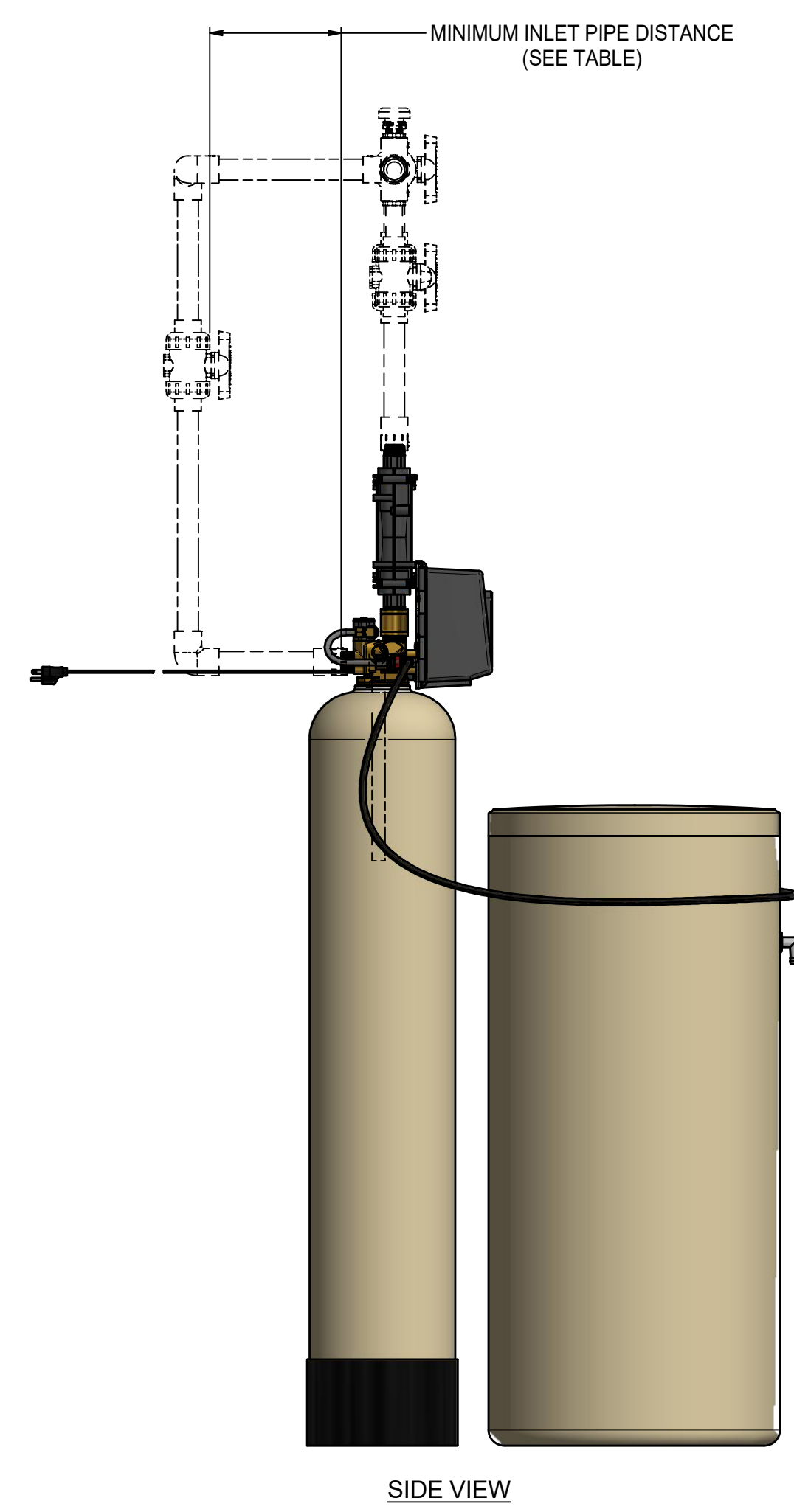
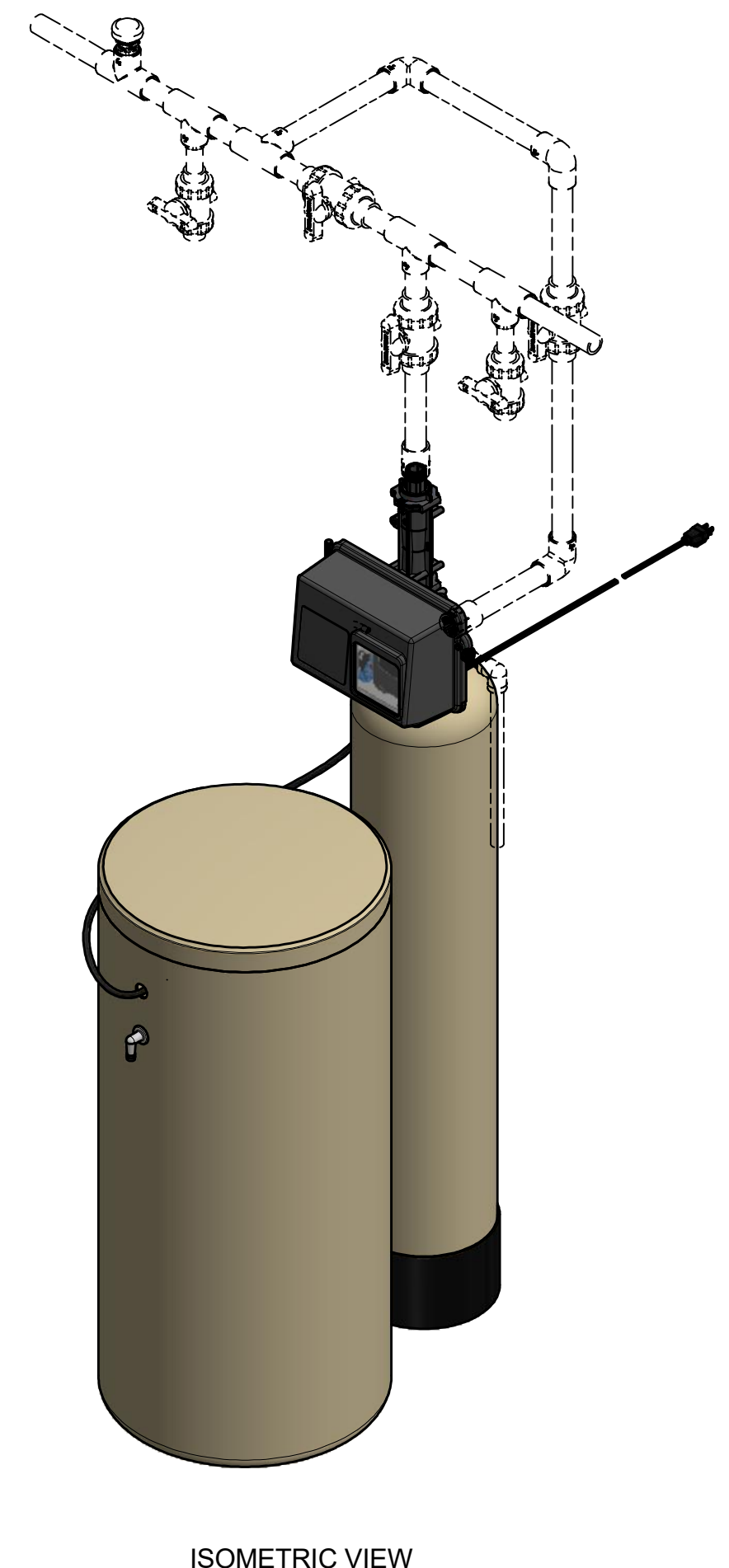
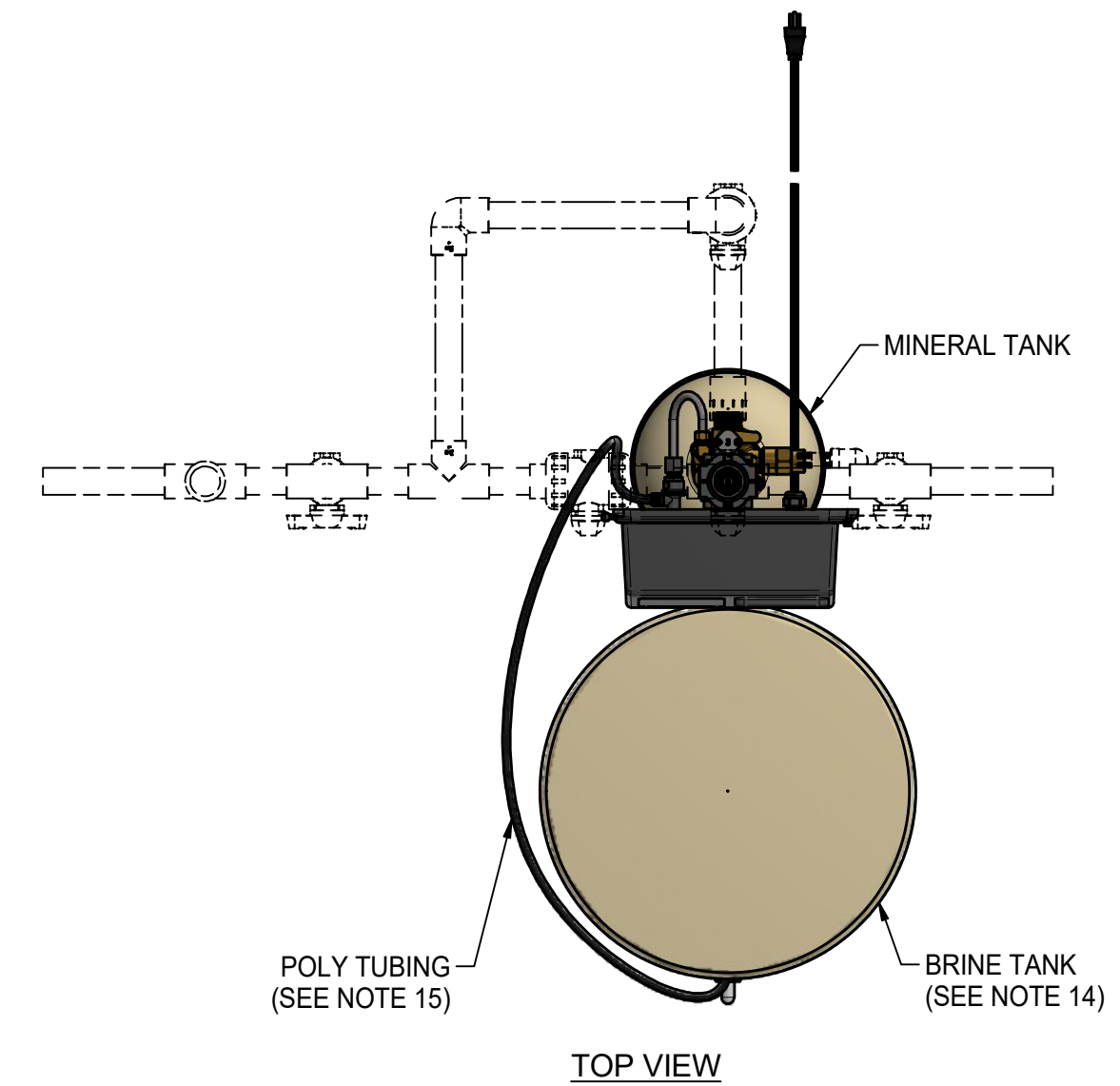
OTHER: ESTIMATED WEIGHT: SEE TABLE

EDP NO.: SEE TABLE

FILE TYPE: CAD

SIZE: D

REV: 1



CLIENT PROJECT SIGN-OFF

JOB NAME: \_\_\_\_\_

JOB LOCATION: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

CONTRACTOR APPROVAL: \_\_\_\_\_

CONTRACTOR APPROVAL DATE: \_\_\_\_\_

CONTRACTOR PO NO: \_\_\_\_\_

ENGINEER: \_\_\_\_\_

ENGINEER APPROVAL: \_\_\_\_\_

ENGINEER APPROVAL DATE: \_\_\_\_\_