

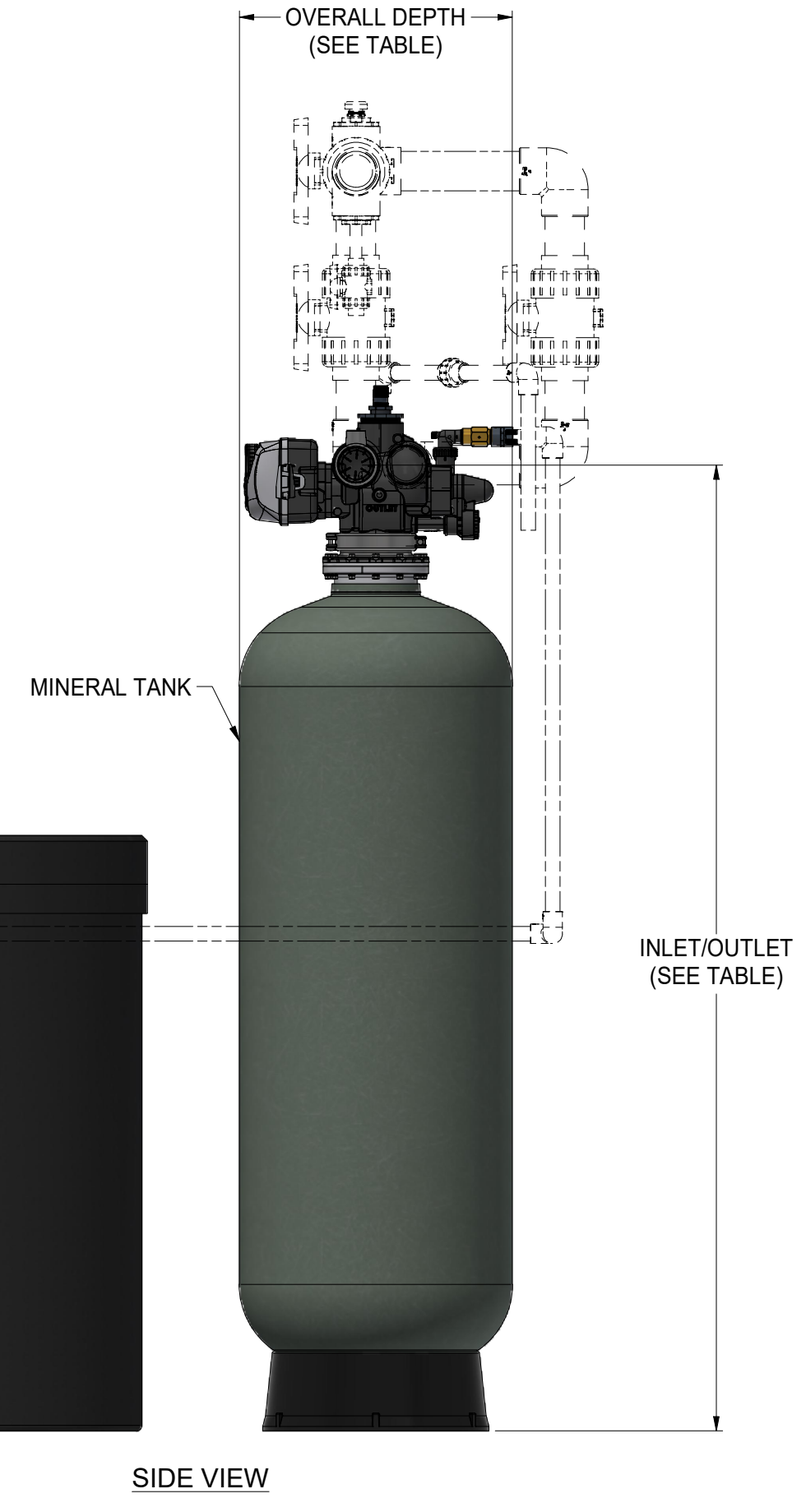
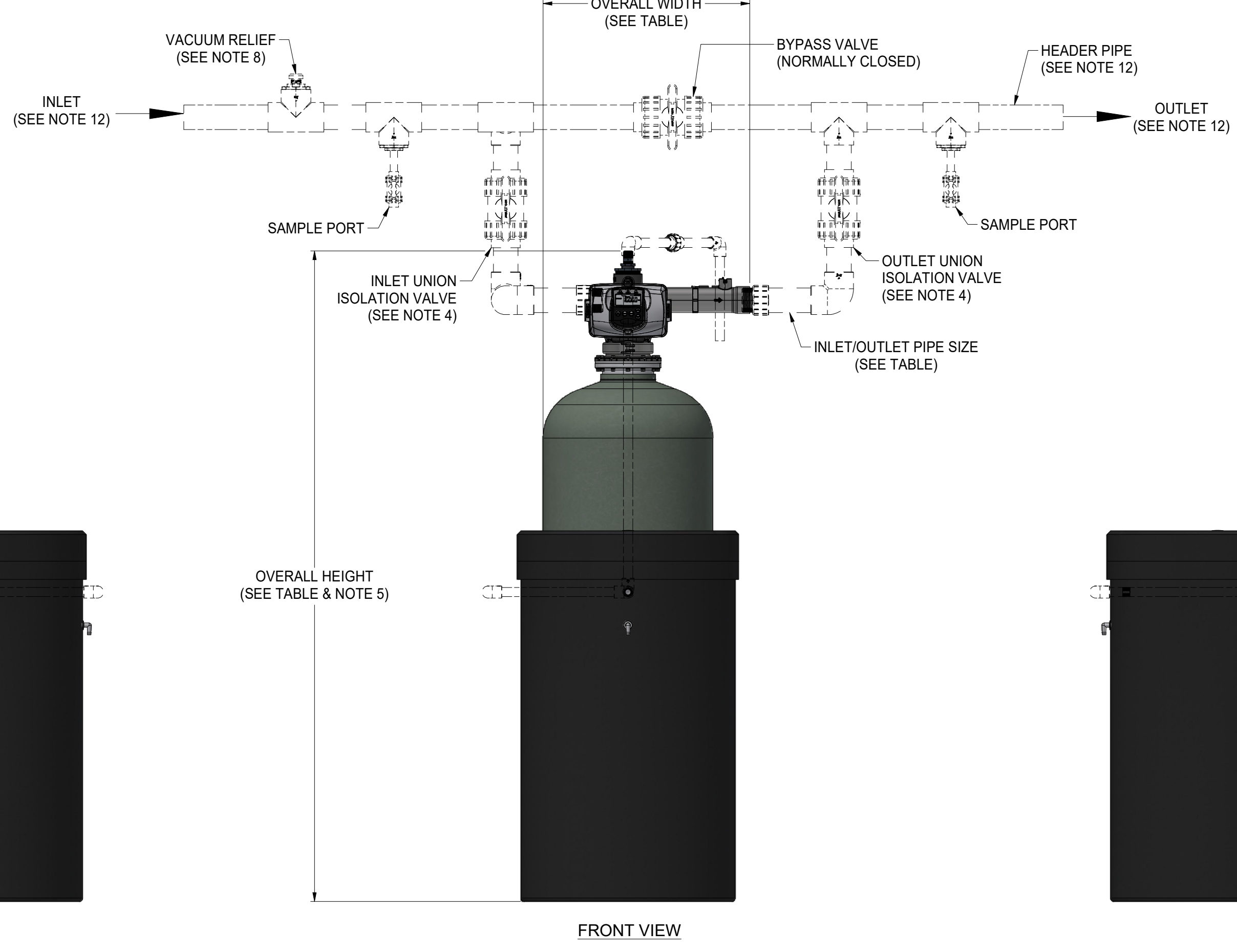
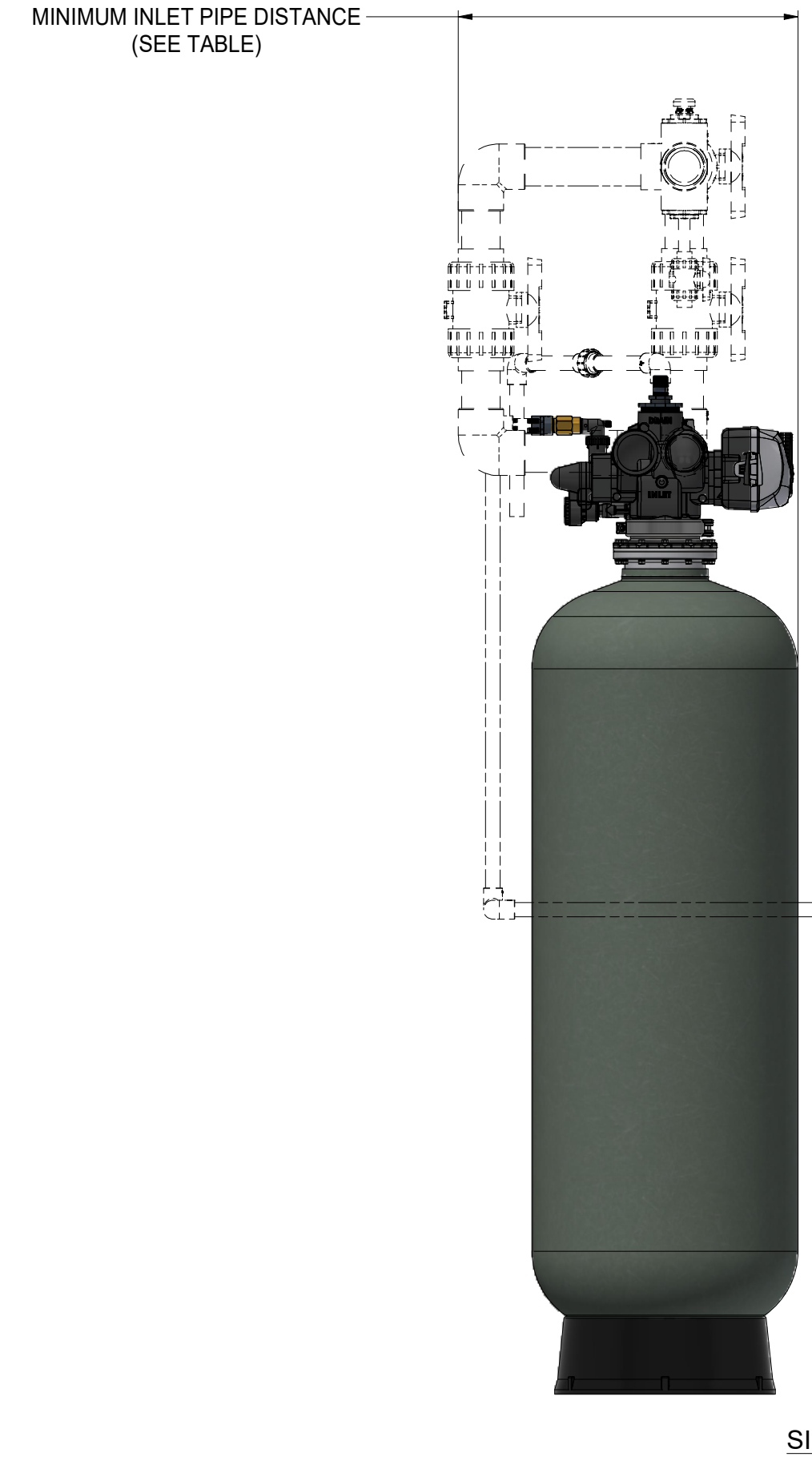
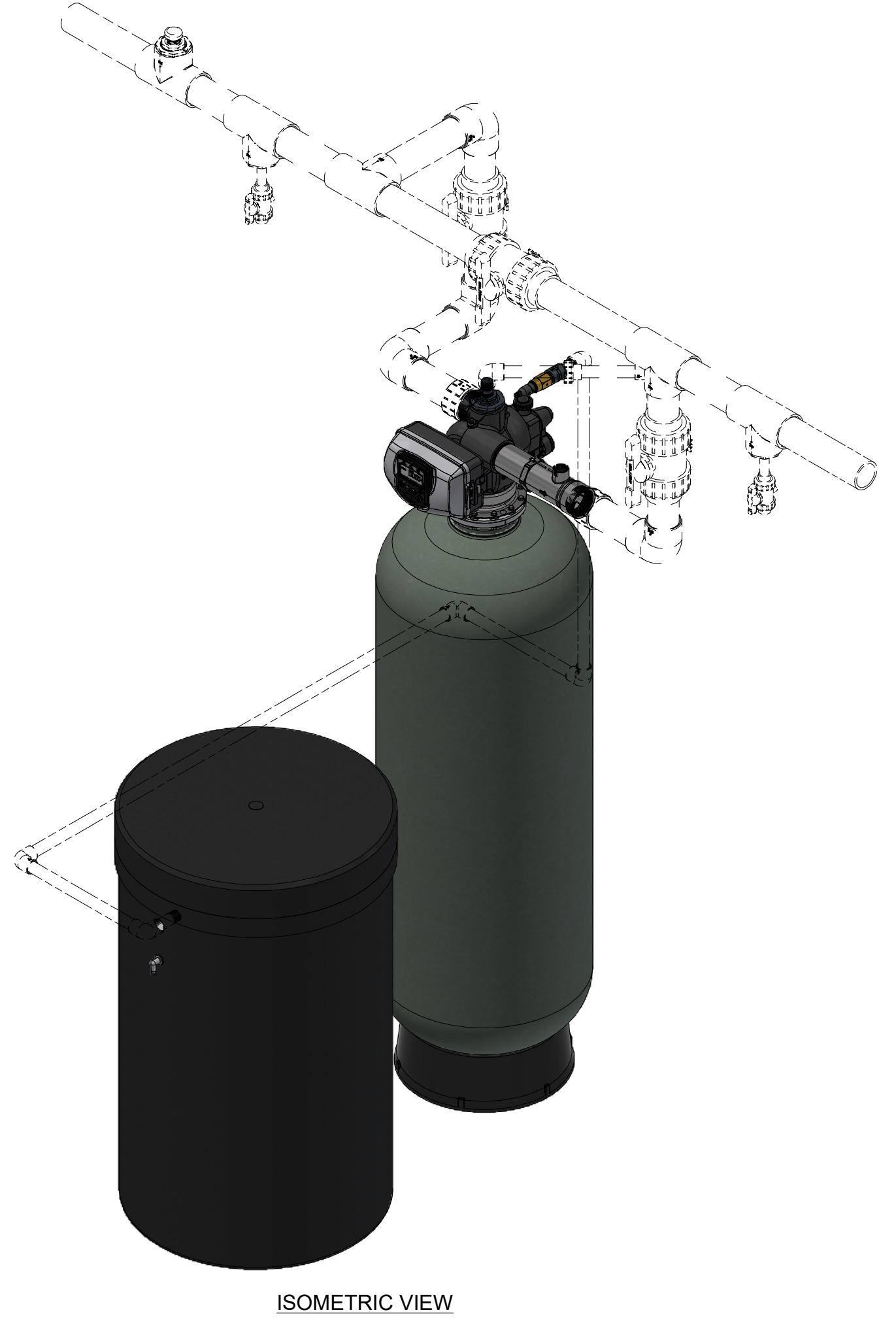
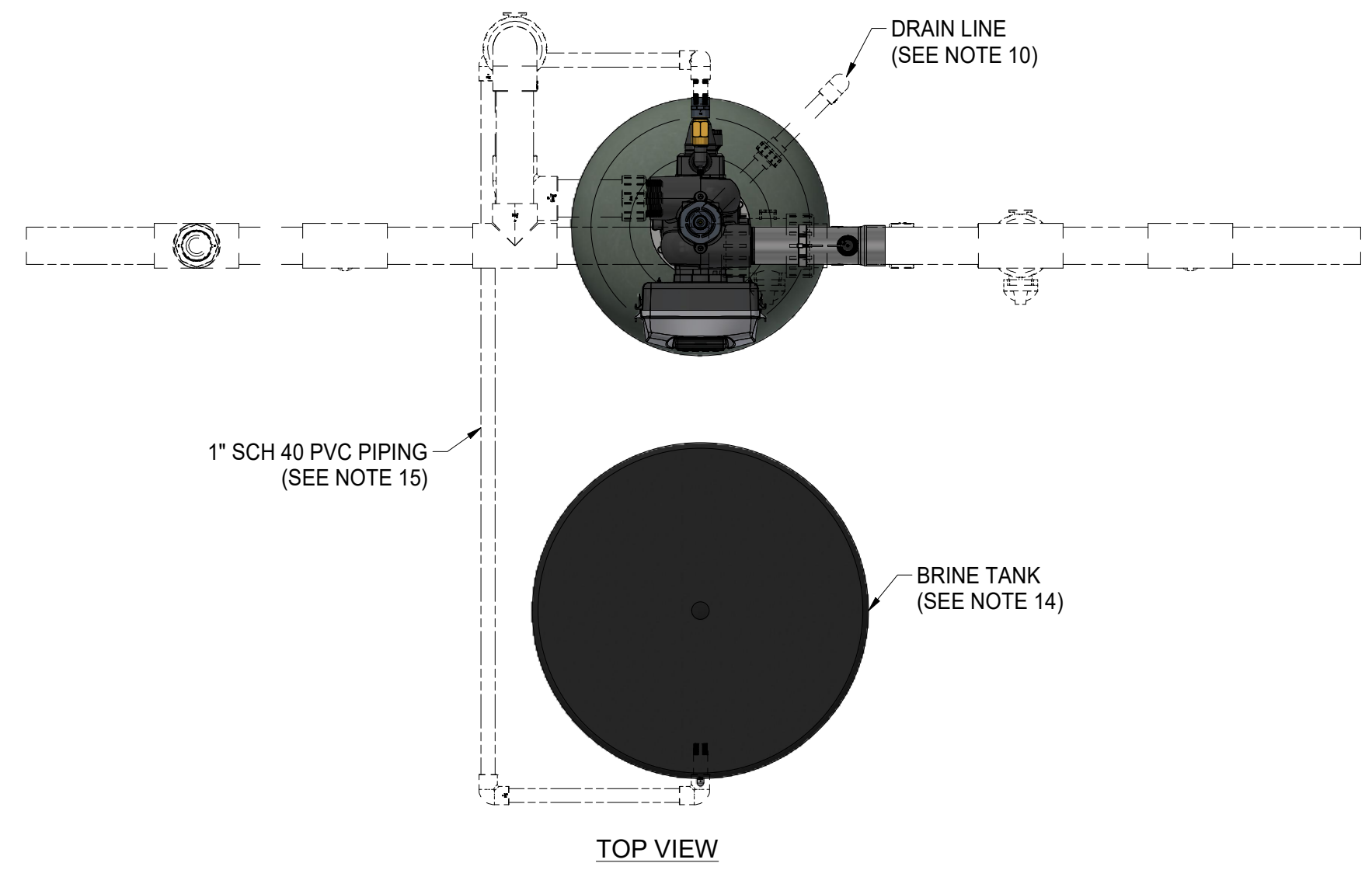
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SERIES CWS-300H SIMPLEX SYSTEMS DIMENSION (INCHES) & SPECIFICATIONS

		815 CHESTNUT ST. NORTH ANDOVER, MA 01845		LIMITS UNLESS SPECIFIED FRACTIONAL ANGULAR 1/16" 30° DECIMAL DIMENSIONS .0000" X1 ±.0001" 179° .0001" X1 ±.0002" 35° COMMON AXES DIMENSIONS .0000" X1 ±.0001" 179° SURFACE FINISH (per ANSI ASME Y14.5)		TITLE: GENERAL INSTALLATION, SERIES CWS-300H SIMPLEX SYSTEMS 3" WATER SOFTENERS MATERIAL: N/A OTHER: ESTIMATED WEIGHT: SEE TABLE		PART NO.: SEE TABLE EDP NO.: SEE TABLE FILE TYPE: CAD		SIZE: D REV: 1	
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- 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 A MINIMUM OF 1 INCH SCH. 40 PVC PIPING FOR CONSTRUCTION OF BRINE LINE
 - LIMIT INLET PRESSURE TO NOT EXCEED MAXIMUM PUBLISHED OPERATING PRESSURE.

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)
M4610W	68105575	24 X 72	80.75	80.75	84.5	24	24	7.0	30 X 50	3.0	1.0	98	126	15.0	34/110	25/125	3356	1070
M4612W	68105576	30 X 72	80.75	80.75	84.5	30	30	9.5	39 X 48	3.0	1.5	144	186	25.0	34/110	25/125	5157	1600
M4614W	68105577	36 X 72	80.75	80.75	84.5	36	36	12.0	39 X 48	3.0	1.5	172	222	35.0	34/110	25/125	6661	2015
M4616W	68105578	42 X 72	80.75	80.75	84.5	42	42	14.5	42 X 60	3.0	2.0	190	244	45.0	34/110	25/125	8861	3245
M4618W	68105579	48 X 72	80.75	80.75	84.5	48	48	17.0	50 X 60	3.0	2.0	194	251	60.0	34/110	25/125	12197	4295



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

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