

- 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 HCP-200 QUADPLEX PROGRESSIVE 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)
M4043QD-NH	68110200	14 X 65	67.38	67.38	77.13	16	109	3.5	18 X 40	2.0	1.0	100	160	5.0	34/110	25/125	3805	1060
M4047QD-NH	68110201	16 X 65	67.75	67.75	77.88	17	113	5.5	18 X 40	2.0	1.0	140	220	7.0	34/110	25/125	4477	1400
M4048QD-NH	68110202	18 X 65	68.5	68.5	78.94	18.13	117	7.5	24 X 41	2.0	1.0	228	260	10.0	34/110	25/125	5924	1600
M4052QD-NH	68105417	21 X 62	70.5	70.5	80.94	21.13	123	10.5	24 X 50	2.0	1.0	240	308	12.0	34/110	25/125	8175	2400
M4058QD-NH	68105433	24 X 72	76.75	76.75	87.13	24.13	129	13.5	30 X 50	2.0	1.0	296	388	15.0	34/110	25/125	11986	2840
M4059QD-NH	68105446	30 X 72	80.25	80.25	93.13	30.13	145	16.5	39 X 48	2.0	1.0	320	400	25.0	34/110	25/125	18868	4640
M4060QD-NH	68105458	36 X 72	86	86	97.44	36.13	169	22.5	39 X 60	2.0	1.5	336	420	35.0	34/110	25/125	24822	6240

**WATTS** 815 CHESTNUT ST. NORTH ANDOVER, MA 01845

THIS DRAWING IS UNLESS SPECIFIED FRACTIONAL ANGULAR 1/16" = 1" (DECIMAL 1/16" = 0.0625") 3/32" X 1/8" (COMMON AXES 1/16" = 0.0625") 1/8" X 3/16" (COMMON AXES 1/16" = 0.0625") SURFACE FINISH UNLESS OTHERWISE SPECIFIED 125 ± 0.005

DO NOT SCALE DRAWING

TITLE: GENERAL INSTALLATION, SERIES HCP-200 QUADPLEX PROGRESSIVE 2" WATER SOFTENERS

PART NO.: SEE TABLE

MATERIAL: N/A

OTHER: ESTIMATED WEIGHT: SEE TABLE

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

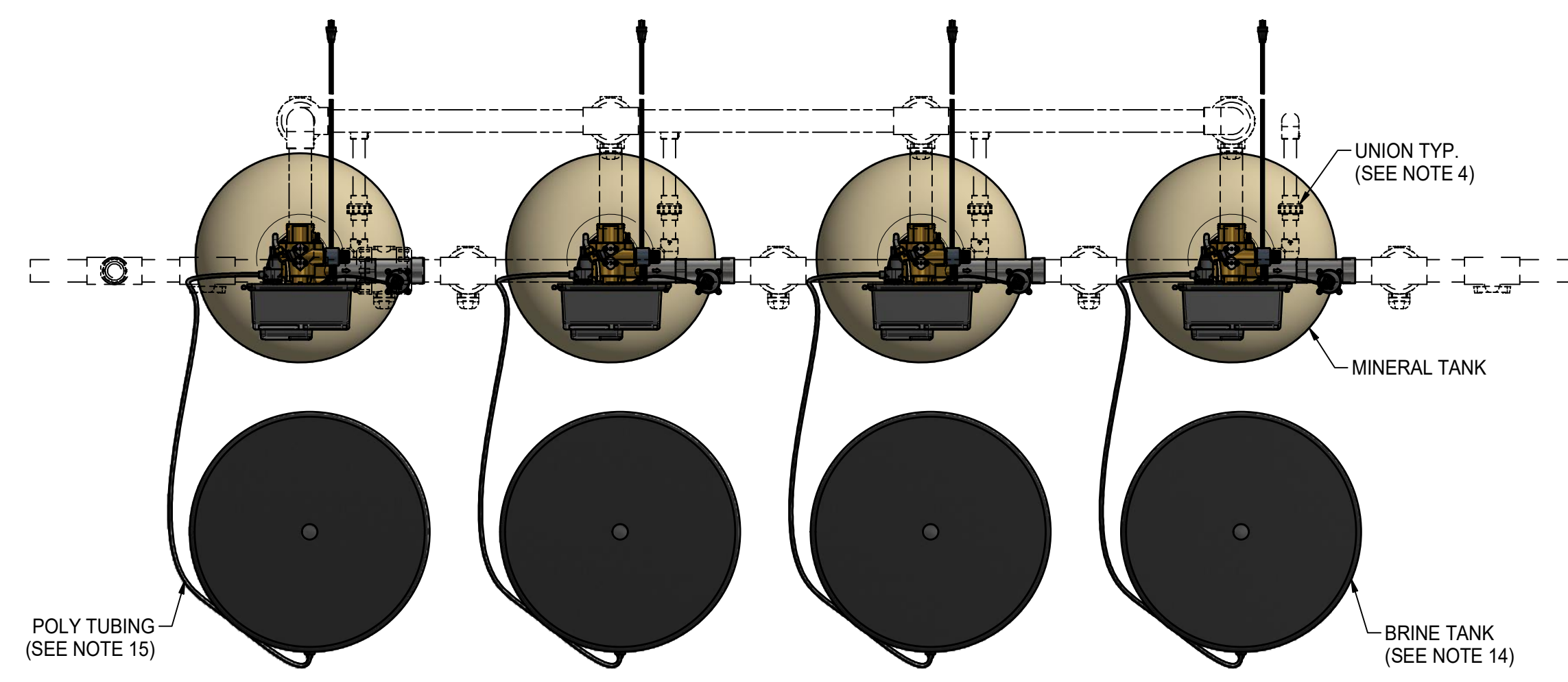
CHK BY: RL

EDP NO.: SEE TABLE

FILE TYPE: CAD

SIZE: D

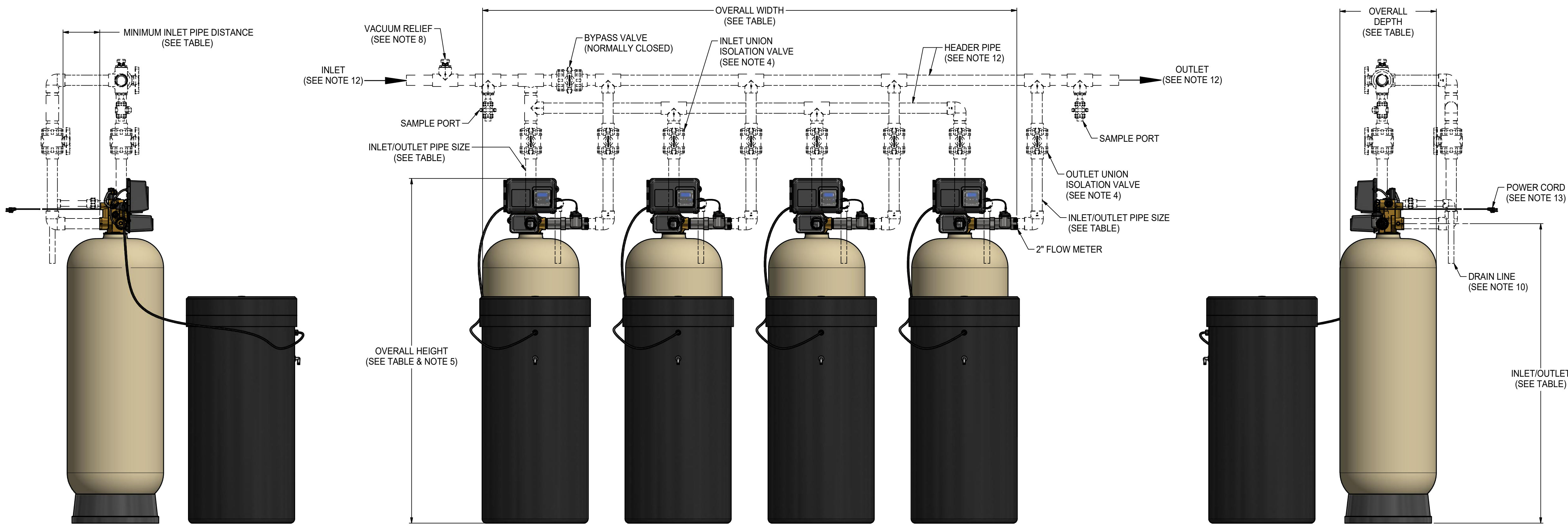
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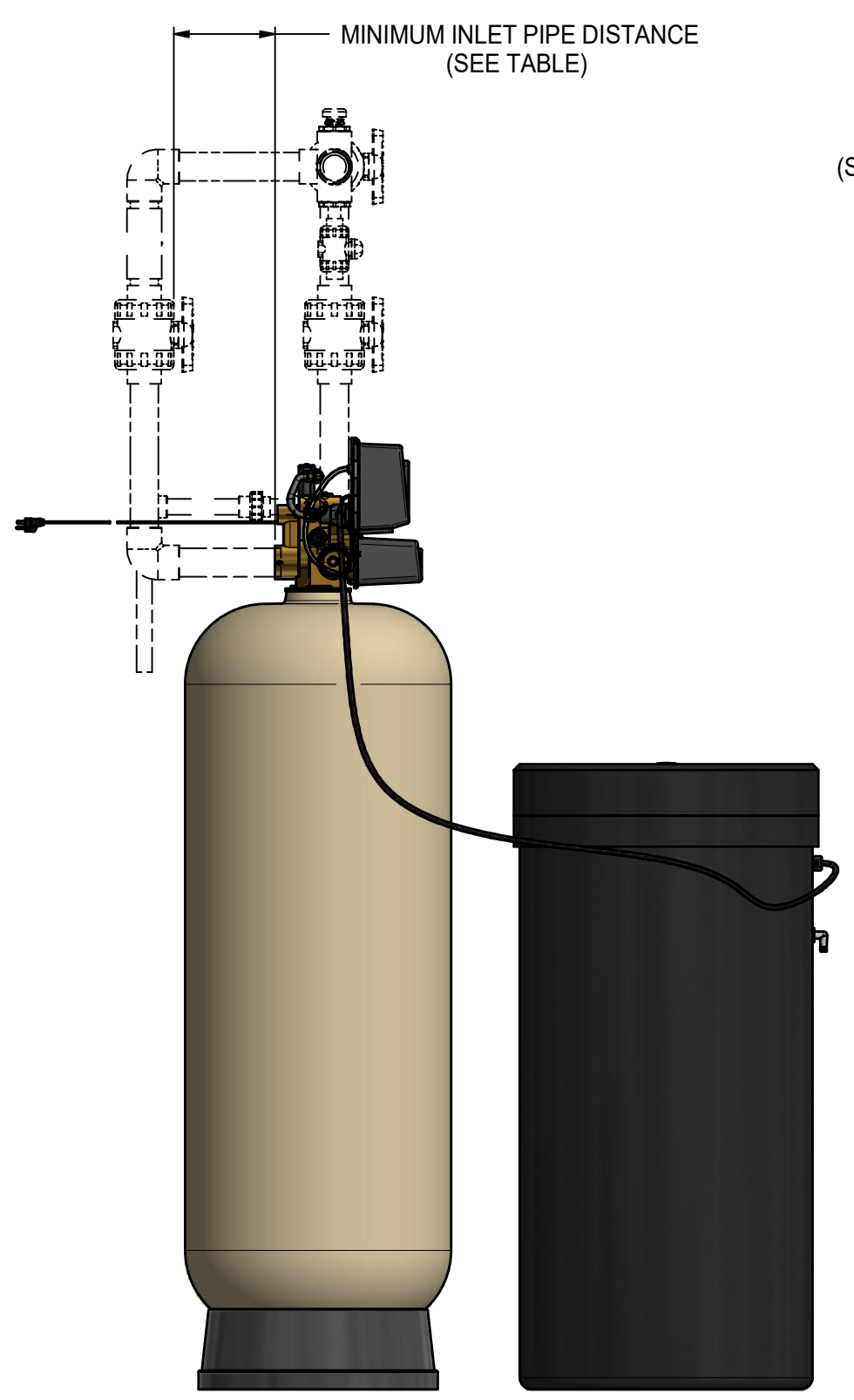
TOP VIEW



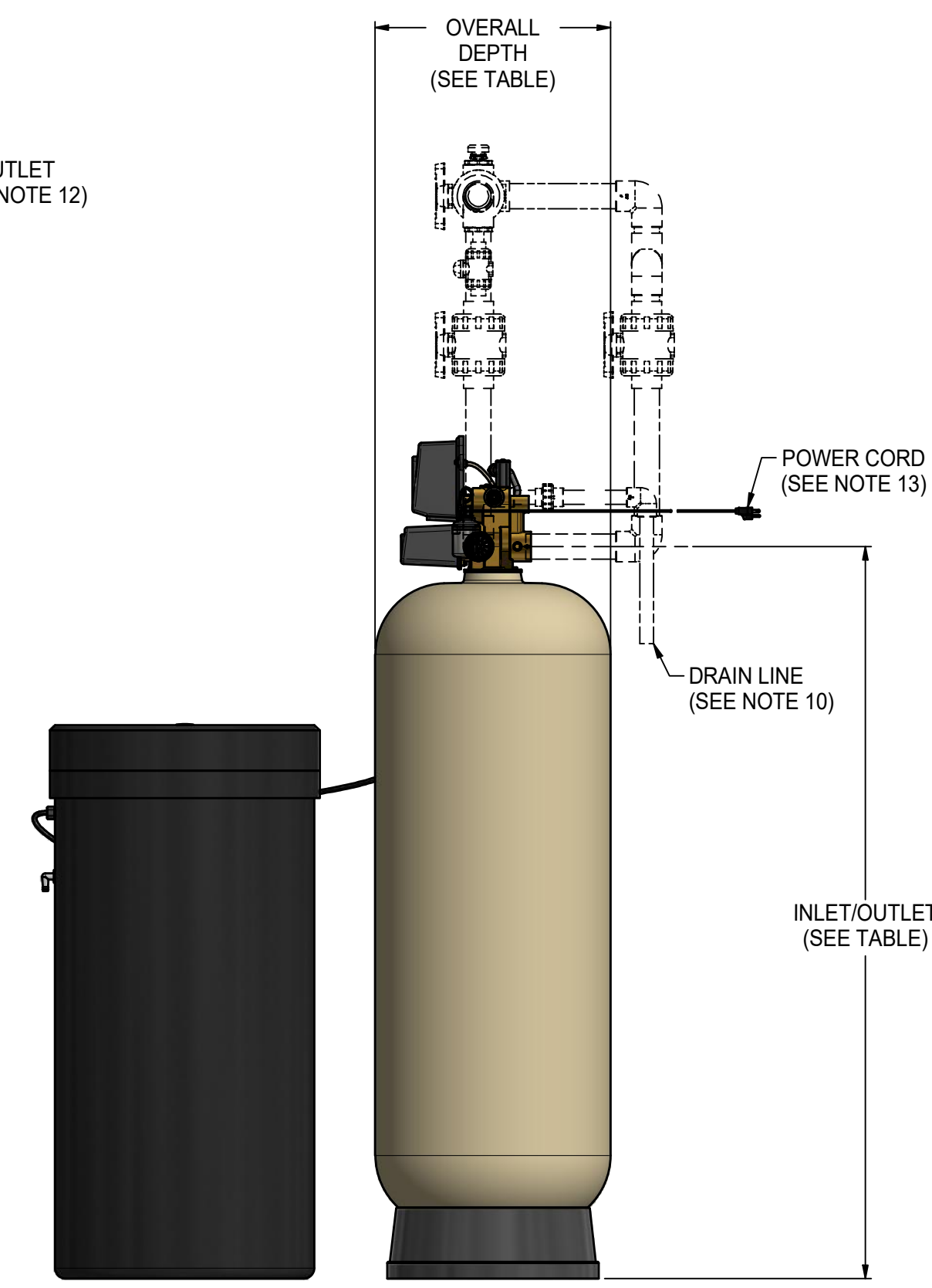
ISOMETRIC VIEW



FRONT VIEW



SIDE VIEW



SIDE VIEW

CLIENT PROJECT SIGN-OFF

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

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

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

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

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

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

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

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

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