

- 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.
 - 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.
 - 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 SUPPLY PIPING NEEDS 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-PPSM DUPLEX PROGRESSIVE DIMENSION (INCHES) & SPECIFICATIONS

MODEL NO.	ORDERING CODES (EDP NO.)	MINERAL TANK SIZE	INLET	OUTLET	DRAIN	OVERALL HEIGHT (SEE NOTE 4)	OVERALL DEPTH	OVERALL WIDTH	BRINE TANK (SEE NOTE 7)	INLET/OUTLET HEADER PIPE SIZE (NPT)	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)
M4018TI-PPSM	68110288	18 X 65	72.50	57.00	77.00	87.00	42.00	82.00	24 X 41	3.0	2.0	1.0	114	130	10.0	34/110	25/125	3862	1700
M4052TI-PPSM	68105423	21 X 62	75.50	60.00	80.00	90.00	42.00	82.00	24 X 50	3.0	2.0	1.0	120	154	12.0	34/110	25/125	4987	2100
M4058TI-PPSM	68105438	24 X 72	78.50	63.00	83.00	95.00	42.00	82.00	30 X 50	3.0	2.0	1.0	148	194	15.0	34/110	25/125	6893	2320
M4059TI-PPSM	68105451	30 X 72	84.5	69.00	89.00	100.00	48.00	102.00	39 X 48	3.0	2.0	1.0	160	200	25.0	34/110	25/125	10634	3520
M4060TI-PPSM	68105463	36 X 72	90.00	75.00	95.00	100.00	48.00	102.00	39 X 60	3.0	2.0	1.5	168	210	35.0	34/110	25/125	13611	4350

WATTS 815 CHESTNUT ST. NORTH ANDOVER, MA 01845

LIMITS UNLESS SPECIFIED: FRACTIONAL ANGULAR 1/16" 3/32" 1/8" 1/4" 3/8" 1/2" 5/8" 3/4" 1" 1 1/4" 1 1/2" 2" 2 1/2" 3" 4" 6" 8" 10" 12" 14" 16" 18" 20" 24" 30" 36" 42" 48" 60" 72" 84" 96" 108" 120" 144" 168" 192" 216" 240" 288" 336" 384" 432" 480" 576" 672" 768" 864" 960" 1080" 1200" 1344" 1440" 1584" 1728" 1920" 2160" 2400" 2700" 3000" 3240" 3600" 4000" 4320" 4800" 5400" 6000" 6480" 7200" 7920" 8640" 9360" 10080" 10800" 11520" 12240" 12960" 13680" 14400" 15120" 15840" 16560" 17280" 18000" 18720" 19440" 20160" 20880" 21600" 22320" 23040" 23760" 24480" 25200" 25920" 26640" 27360" 28080" 28800" 29520" 30240" 30960" 31680" 32400" 33120" 33840" 34560" 35280" 36000" 36720" 37440" 38160" 38880" 39600" 40320" 41040" 41760" 42480" 43200" 43920" 44640" 45360" 46080" 46800" 47520" 48240" 48960" 49680" 50400" 51120" 51840" 52560" 53280" 54000" 54720" 55440" 56160" 56880" 57600" 58320" 59040" 59760" 60480" 61200" 61920" 62640" 63360" 64080" 64800" 65520" 66240" 66960" 67680" 68400" 69120" 69840" 70560" 71280" 72000" 72720" 73440" 74160" 74880" 75600" 76320" 77040" 77760" 78480" 79200" 79920" 80640" 81360" 82080" 82800" 83520" 84240" 84960" 85680" 86400" 87120" 87840" 88560" 89280" 89920" 90640" 91360" 92080" 92800" 93520" 94240" 94960" 95680" 96400" 97120" 97840" 98560" 99280" 100000

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DWG BY: JR DATE: 3/29/2021 SCALE: NTS SUPERSEDES: CHD BY: RL DATE: 3/29/2021 SHEET: 1 OF 1

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

PART NO.: SEE TABLE

MATERIAL: N/A

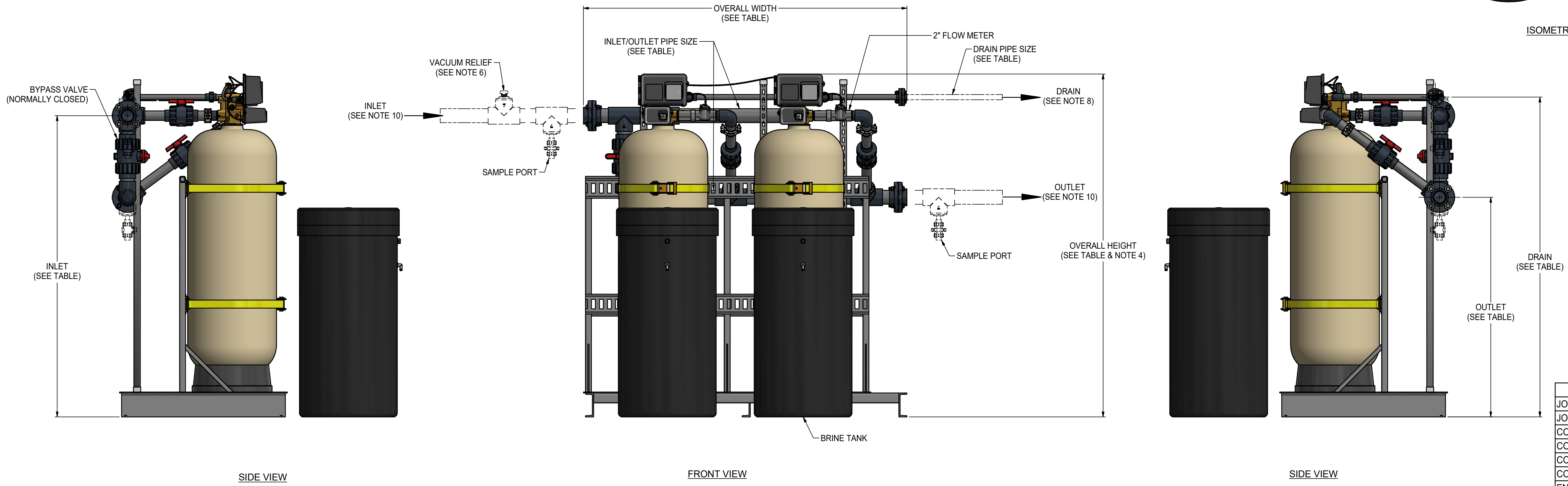
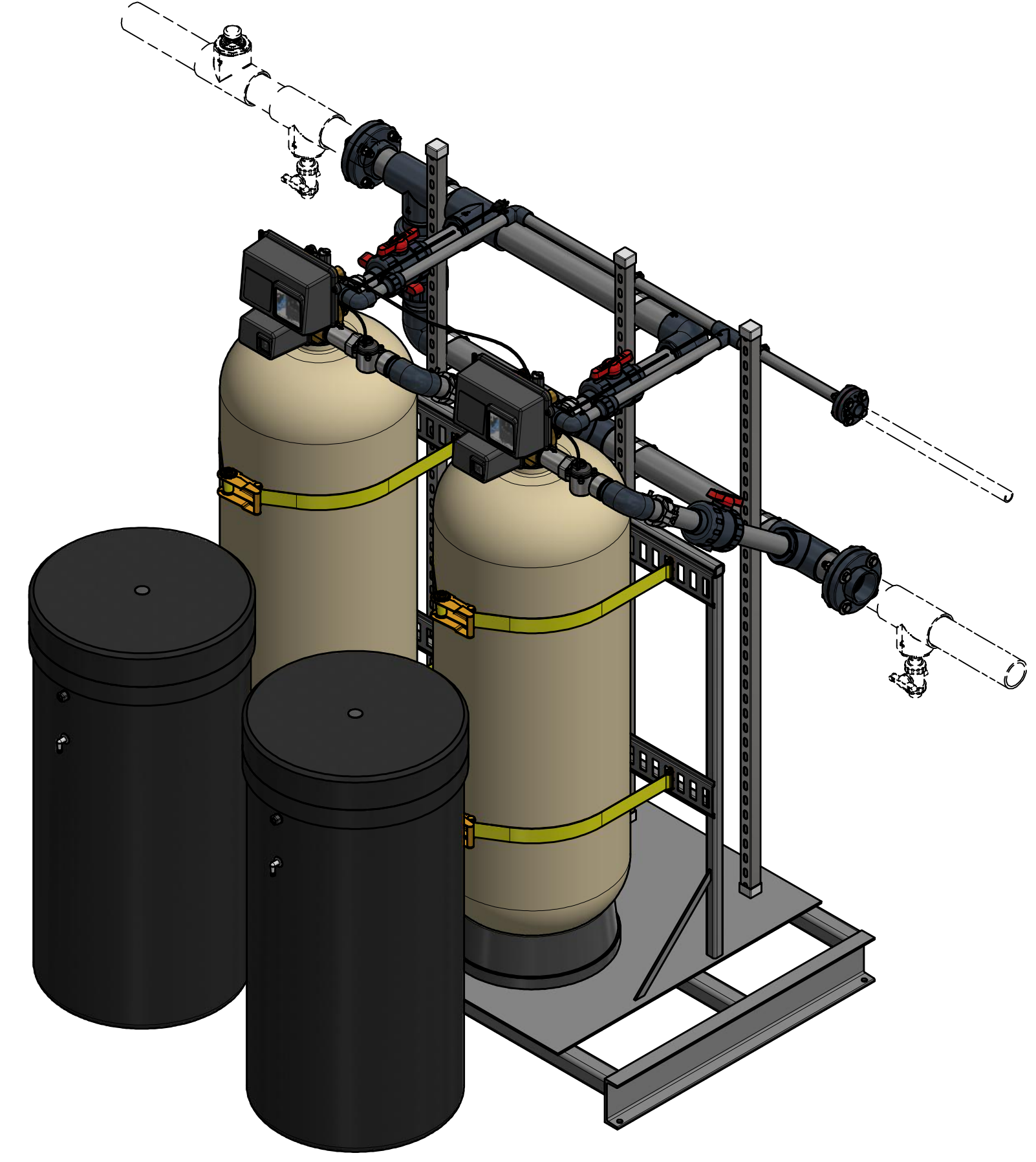
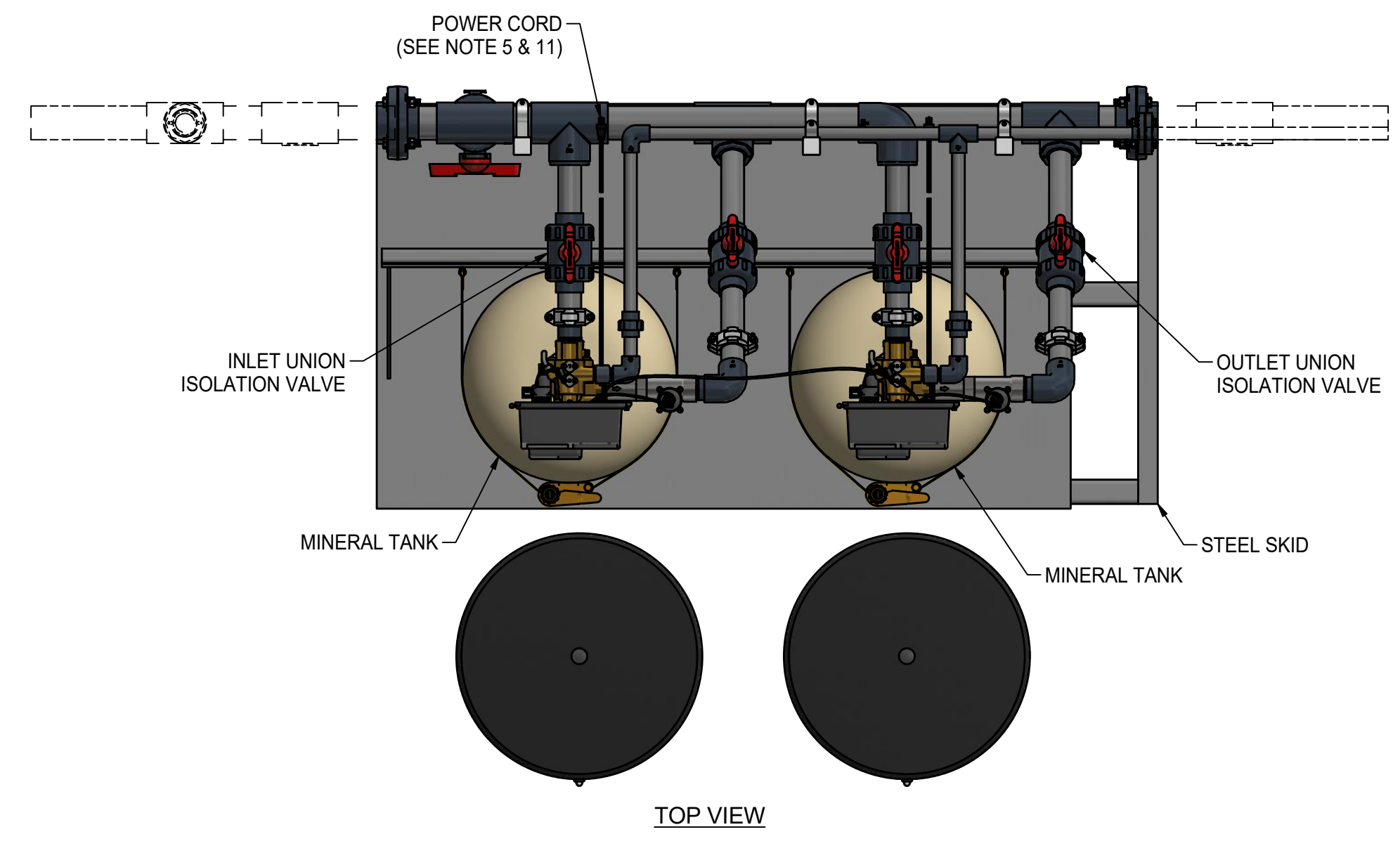
OTHER: ESTIMATED WEIGHT: SEE TABLE

EDP NO.: SEE TABLE

FILE TYPE: INVENTOR

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:	