

- 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 CWSTA-150 DUPLEX ALTERNATING 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)
M4410WTA	68109948	12 X 52	55.3	55.3	61.00	12	16.75	3.5	18 X 40	1.5	1.0	28	38	4	34/110	25/125	1285	420
M4414WTA	68109949	14 X 65	68.13	68.13	73.63	14	17.75	5.5	24 X 41	1.5	1.0	35	46	5	34/110	25/125	1465	480
M4418WTA	68109950	16 X 65	68.13	68.13	73.63	16	18.75	7.5	24 X 41	1.5	1.0	40	51	7	34/110	25/125	2140	640
M4422WTA	68109951	18 X 65	68.13	68.13	73.63	18	20.75	10.5	24 X 41	1.5	1.0	44	57	11	34/110	25/125	2983	760
M4426WTA	68109952	21 X 62	65.13	65.13	70.63	21	21.25	13.5	24 X 50	1.5	1.0	50	64	13	34/110	25/125	4143	1170
M4430WTA	68109953	24 X 72	75.13	75.13	80.63	24	24.25	16.5	30 X 50	1.5	1.0	53	68	15	34/110	25/125	6476	1420

WATTS 815 CHESTNUT ST. NORTH ANDOVER, MA 01845

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LIMITS UNLESS SPECIFIED

FRACTIONAL ANGULAR 1/16" 3/16" 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"

DECIMAL 1/16" 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"

COMMON ASSE 1/16" 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"

SURFACE FINISH 125 RMS 150 RMS 200 RMS 250 RMS 300 RMS 350 RMS 400 RMS 450 RMS 500 RMS 550 RMS 600 RMS 650 RMS 700 RMS 750 RMS 800 RMS 850 RMS 900 RMS 950 RMS 1000 RMS

DO NOT SCALE DRAWING

TITLE: GENERAL INSTALLATION, SERIES CWSTA-150 DUPLEX ALTERNATING 1.5" WATER SOFTENERS

PART NO.: SEE TABLE

MATERIAL: N/A

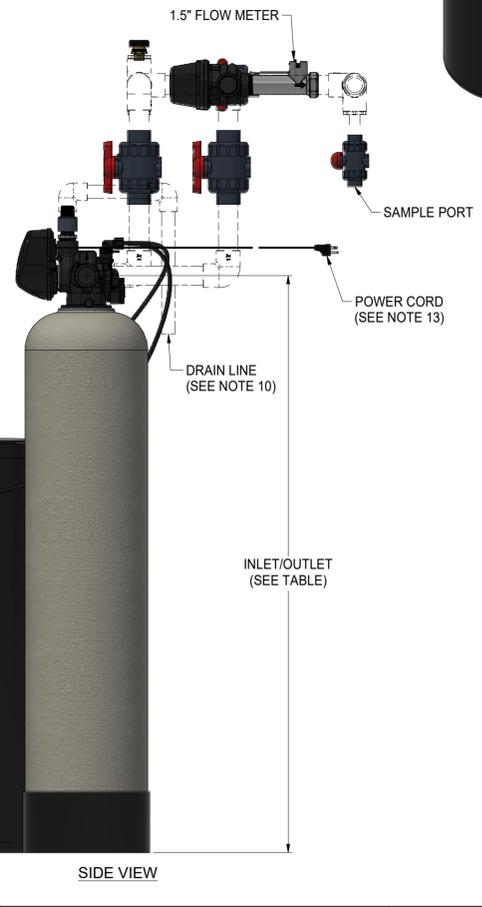
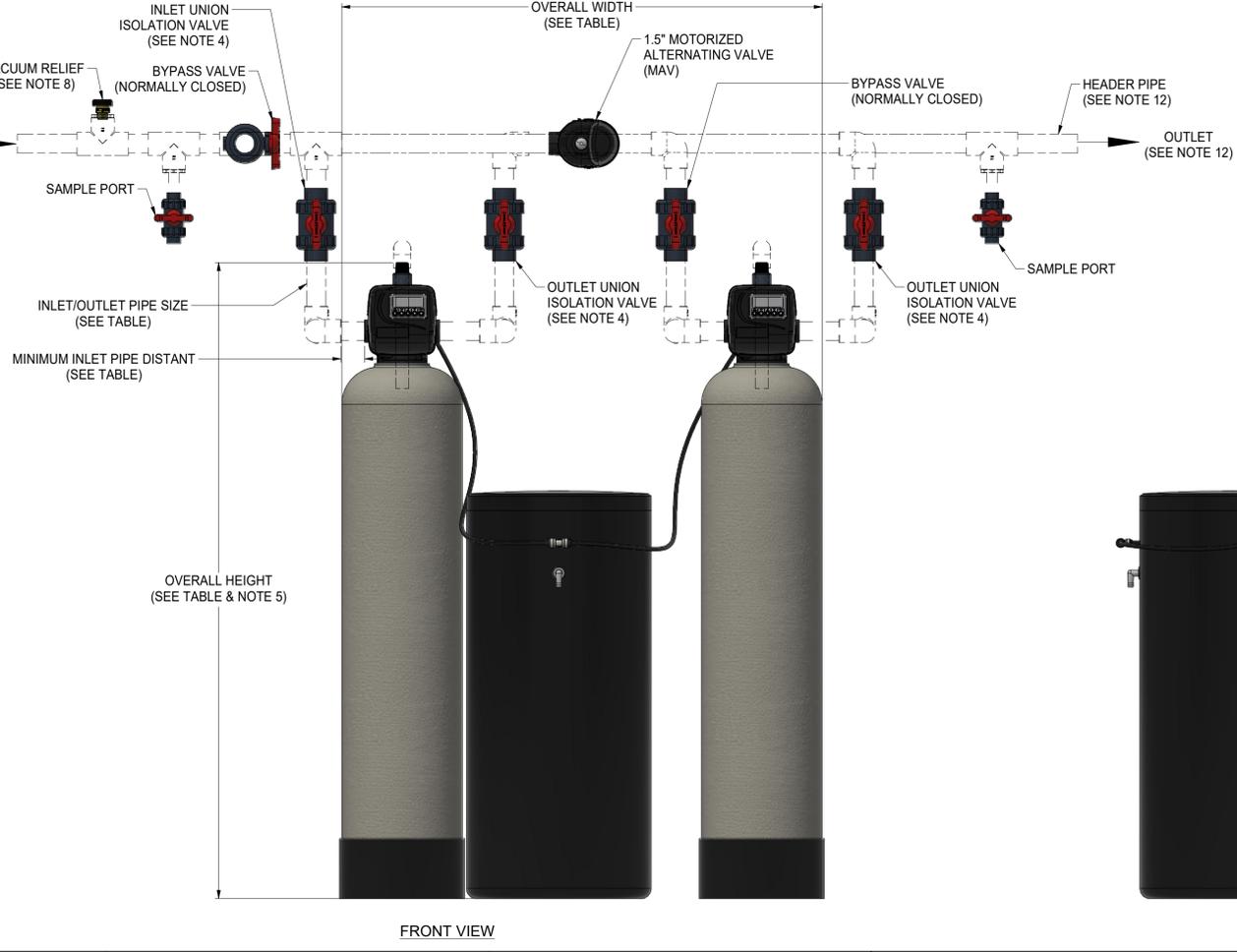
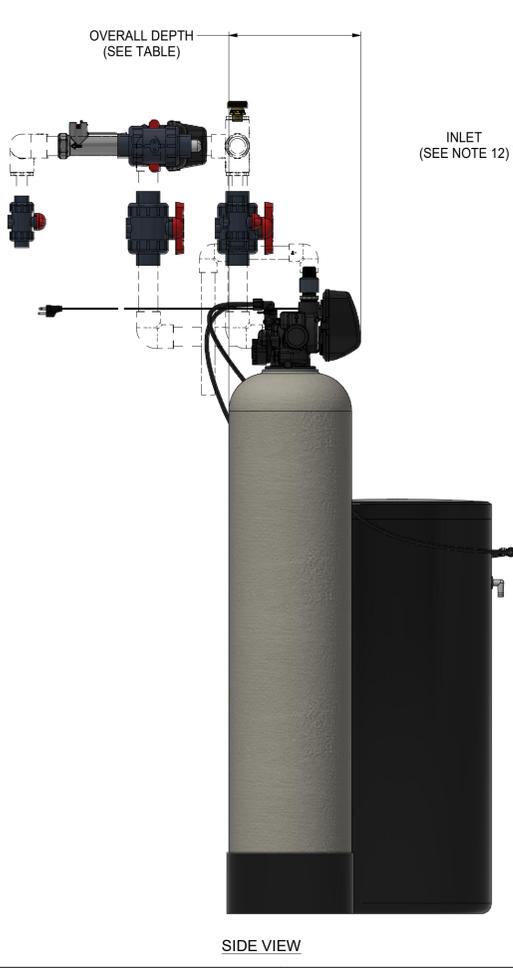
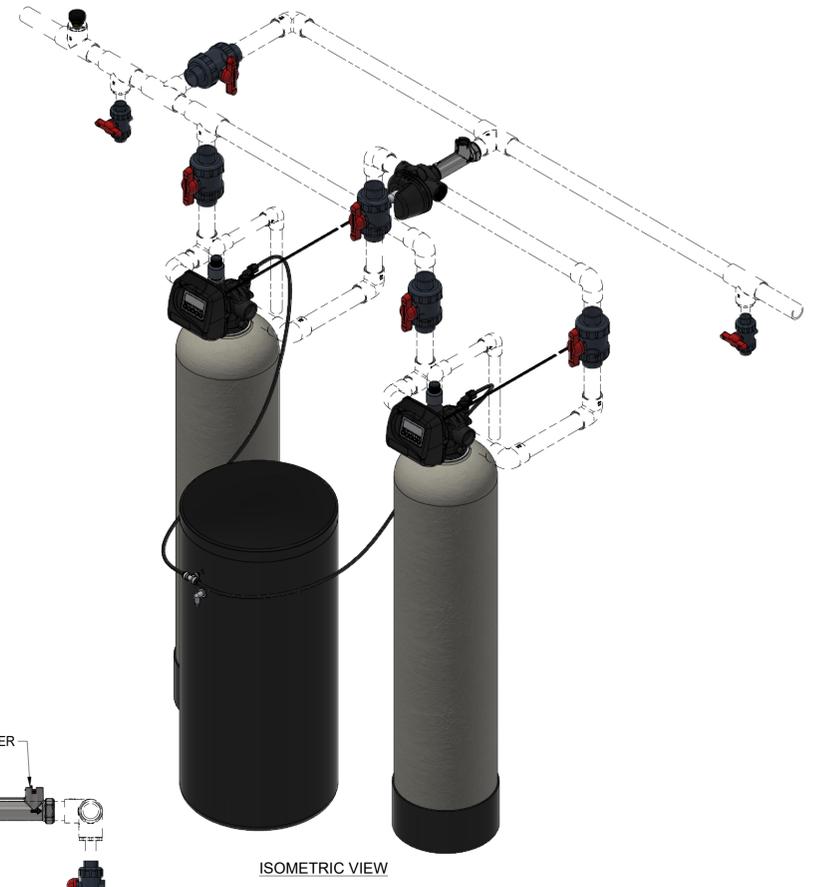
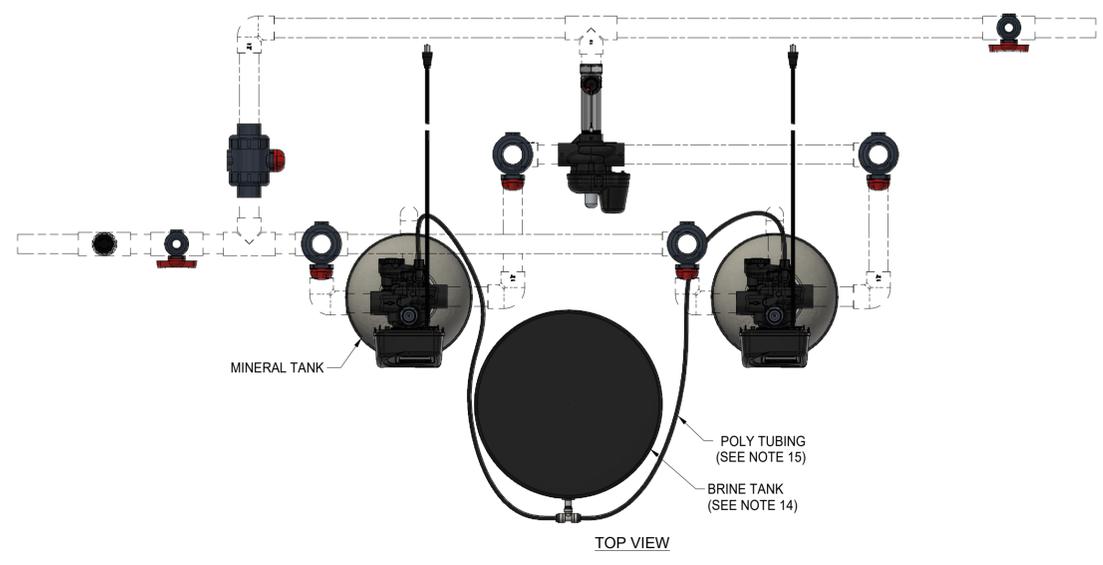
OTHER: ESTIMATED WEIGHT: SEE TABLE

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: _____