
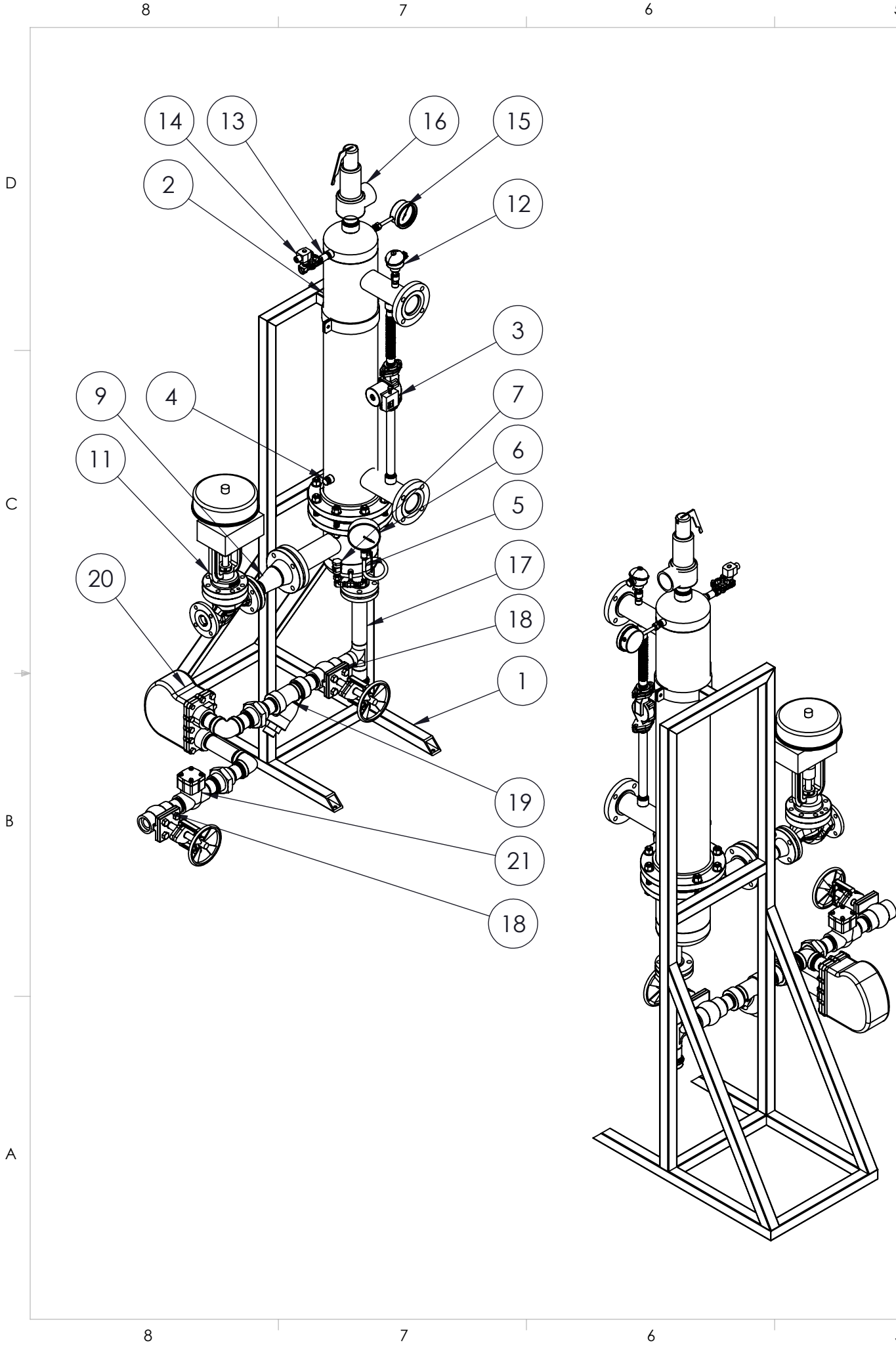



Design and Operating Conditions			
Service Fluid #1		Water (Inlet: N3, Outlet: N4)	
	Pressure	Temperature	Flow Rate
Design	150 PSI	N/A	N/A
Operating Inlet	N/A	°F	USGPM
Operating Outlet	N/A	°F	USGPM
Service Fluid #2		Steam (Inlet: N1, Outlet: N2)	
	Pressure	Temperature	Flow Rate
Design	150 PSI	N/A	N/A
Operating Inlet	PSI	°F	Lbs/Hr
Operating Outlet	N/A	N/A	Lbs/Hr
Service Fluid #3		Air	
	Pressure	Temperature	Flow Rate
Operating	65 PSI	N/A	N/A
Electrical Data			
	Supply Voltage	Control Signal	Control Voltage
Control Panel	120V	4–20 MA	
Max. Load Per Skid	20 AMPS		
BMS	N/A		
Piping Material			
Steam Side		Carbon steel Sch. 40	
Condensate Side		Carbon steel Sch. 80	
Water Side		Stainless steel Sch. 40	
Nozzel Connection Table			
Conn.	Size	Type	Despcrition
N1	ø 2”	ANSI 150# – Carbon steel	Steam Inlet
N2	ø 2”	NPT – Carbon steel	Condensate Outlet
N3	ø 3”	ANSI 150# – Stainless steel	Cold Water Inlet
N4	ø 3”	ANSI 150# – Stainless steel	Hot Water outlet
N5	ø 2–1/2”	NPT – Bronze	Safety Relief Valve Outlet
N6	ø 3/4”	NPT – Carbon steel	Dump Valve to Drain

- NOTES:
- * Skid nozzels not supporting system piping
 - * Carbon steel painted frame
 - * 2" Insulation Included
 - * Preliminary drawing for customer approval
 - * All discrepancies will be resolved with Desinger before fabrication
 - * Not for fabrication

	<div>PROJECT: -</div> <div>CLIENT/CUSTOMER: -</div>	<div> Custom Steam Solutions Inc Your Steam System Integrators</div>
ESTIMATED DRY WEIGHT: - LBS	<div>PAGE DESCRIPTION: CSS-08 FINAL ASSEMBLY</div>	
PROPRIETARY AND CONFIDENTIAL	<div>MODEL #: CSS-08</div> <div>WORK ORDER #: -</div>	
		<div>SCALE: 1:50 DWG SIZE: B SHEET: 1 OF 2</div> <div>DRAWN BY: - </div>



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CSS-8 FRAME WELDMENT		1
2	CSS-08 FINAL ASSEMBLY		1
3	CIRCULATING PUMP ASTRO 250SS WITH PIPING ASSEMBLY	ARMSTRONG	1
4	Ø 3/4" STAINLESS STEEL PIPE PLUG	STAINLESS STEEL - 150#	1
5	PRESSURE GAUGE AND VACUUM BREAKER PIPING ASSEMBLY		1
6	PRESSURE GAUGE		1
7	VACUUM BREAKER		1
8	Ø 3" SPIRAL WOUND GASKET	STAINLESS STEEL - 150#	1
9	Ø 3" X Ø 2" STEEL PIPE OFF CENTER REDUCING SPOOL	CARBON STEEL - 150#	1
10	Ø 2" SPIRAL WOUND GASKET	SS - 150#	1
11	Ø 2" ECOTROL PNEUMATIC	FORBES MARSHALL	1
12	RTD Ø 1/2"- NPT TR10 - 3" STEM TEMPERATURE SENSOR	WIKA	1
13	Ø 3/4" X 3" LONG NPT 304 STAINLESS STEEL PIPE NIPPLE	304 SS - SCH. 40	1
14	8210g003 3/4" FNPT BRASS SOLENOID DUMP VALVE	ASCO	1
15	TEMPERATURE GAUGE	TERRICE	1
16	Ø 2" X Ø 2-1/2" STEAM RELIEF VALVE		1
17	CSS-08 CONDENSATE PIPING ASSEMBLY	CARBON STEEL SCH. 80	1
18	033-20058 BERIC 501-T-8-8-A-08 2 CL800 A105N IP BB GATE VALVE	BERIC	2
19	041-24970 MUELLER 581CS 1/16 2 CS CL600 IP Y-STR 1/16	MUELLER	1
20	Ø 2" WATSON MCDANIEL FTE-20 STEAM TRAP	WATSON MCDANIEL	1
21	033-70053 BERIC 504-T-8-8-A-08 2 CL800 A105N IP BC CHECK VALVE	BERIC	1

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	MODEL #: CSS-08	
PROPRIETARY AND CONFIDENTIAL	WORK ORDER #: -	SCALE: 1:50 DWG SIZE: B SHEET: 2 OF 2 DRAWN BY: - DATE: 27/11/2016
		APPROVED BY: MARCUS BELLOT DATE: 27/11/2016 DWG NO. 103-C002 REV: 0