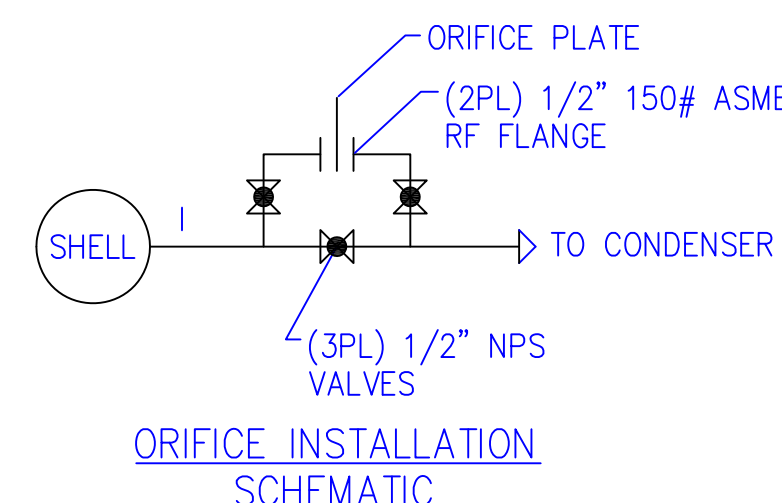
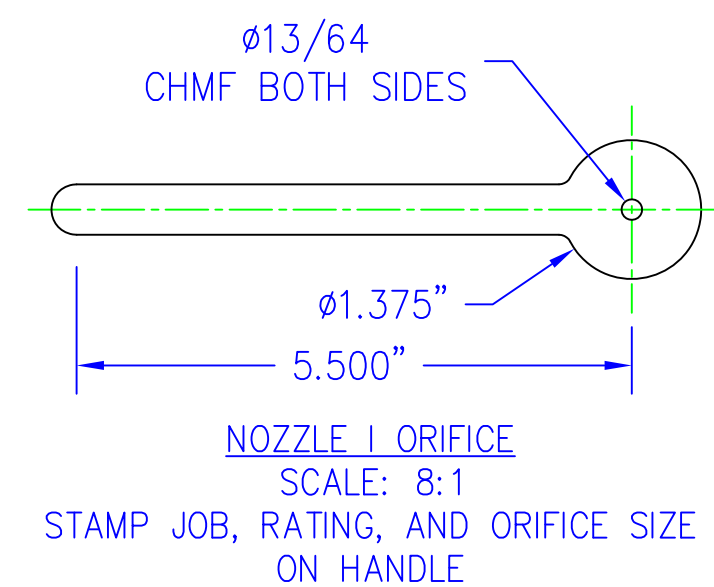
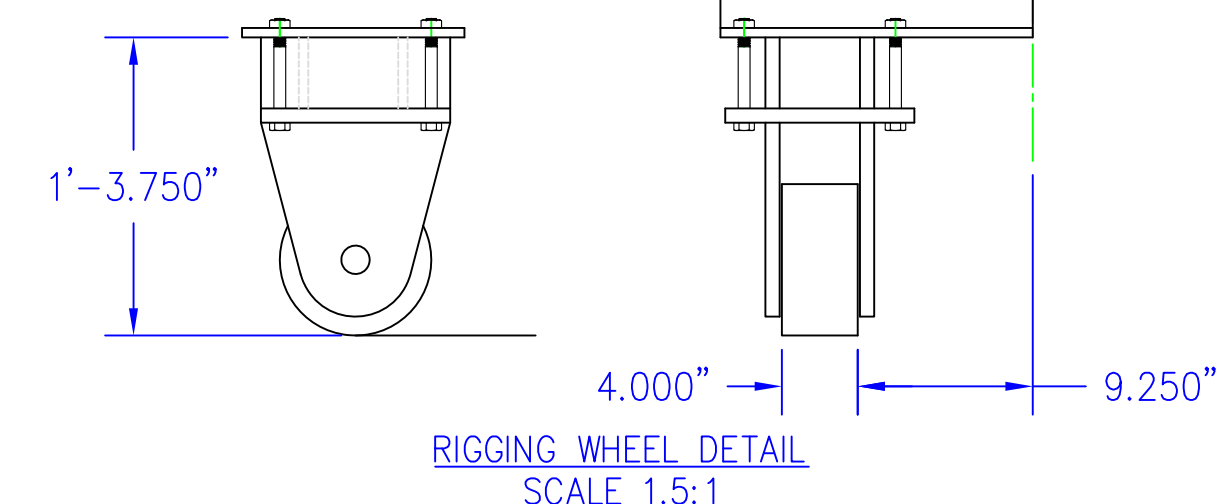
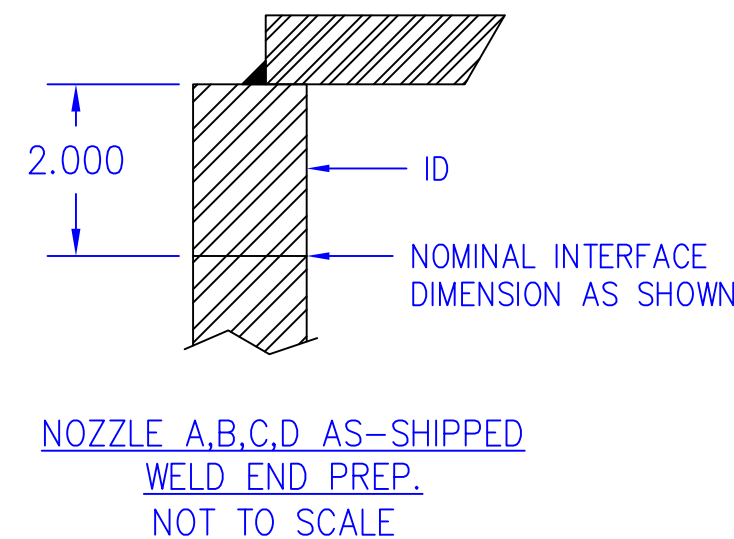
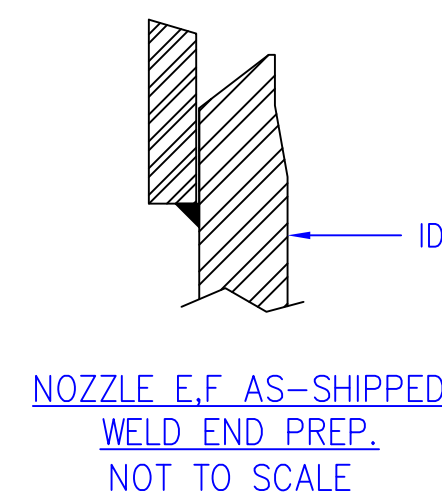
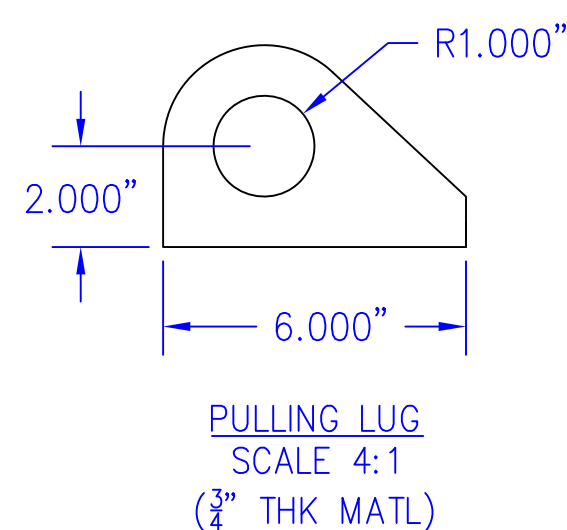
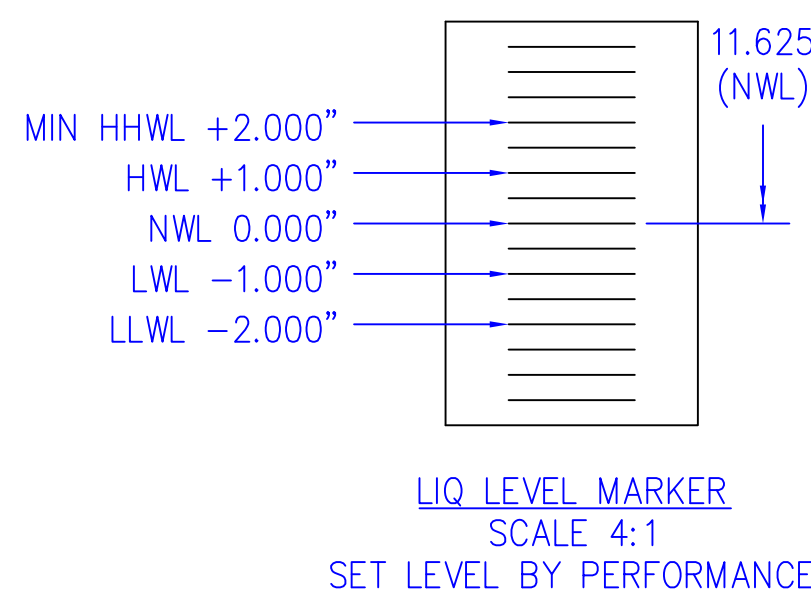
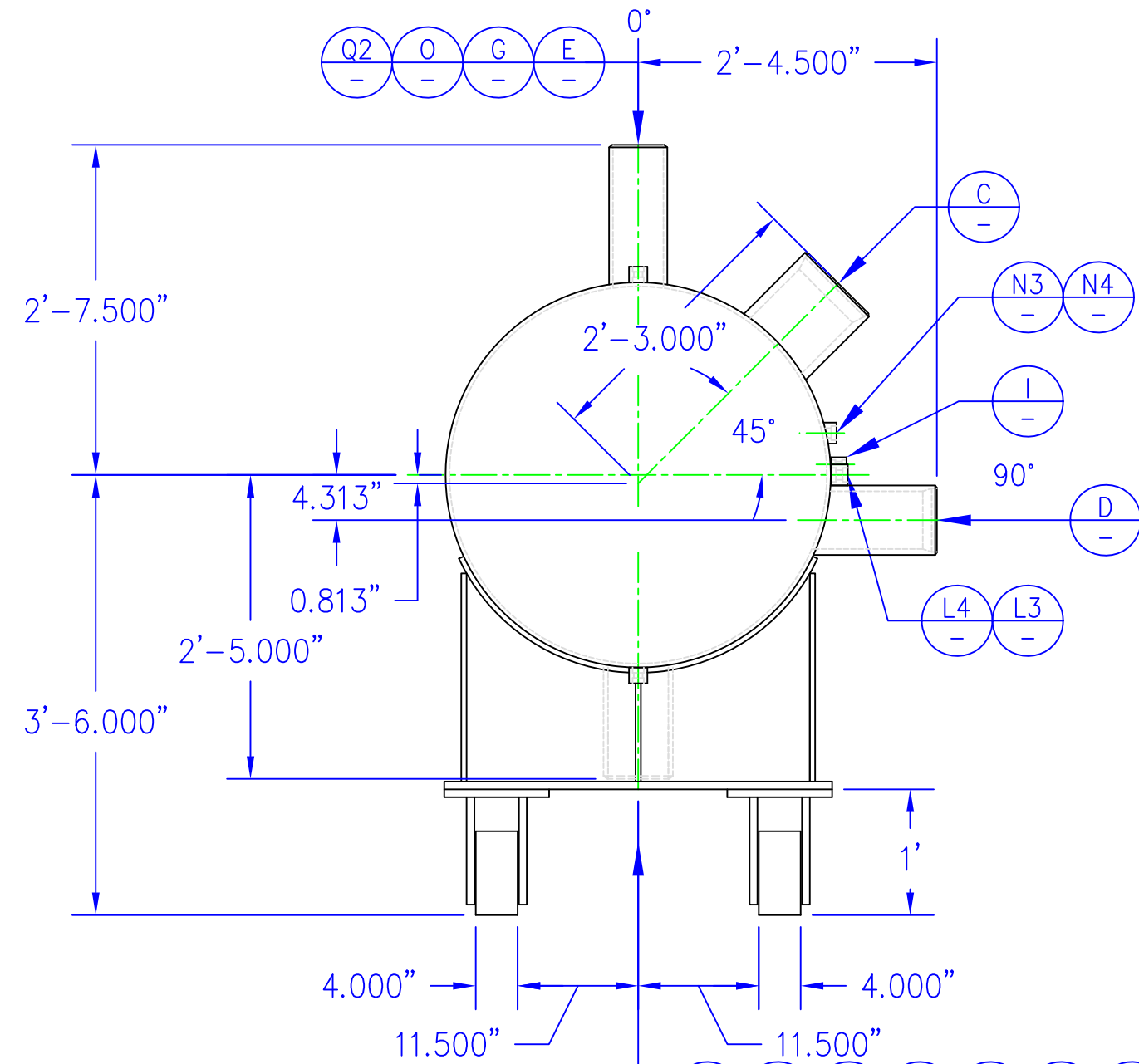
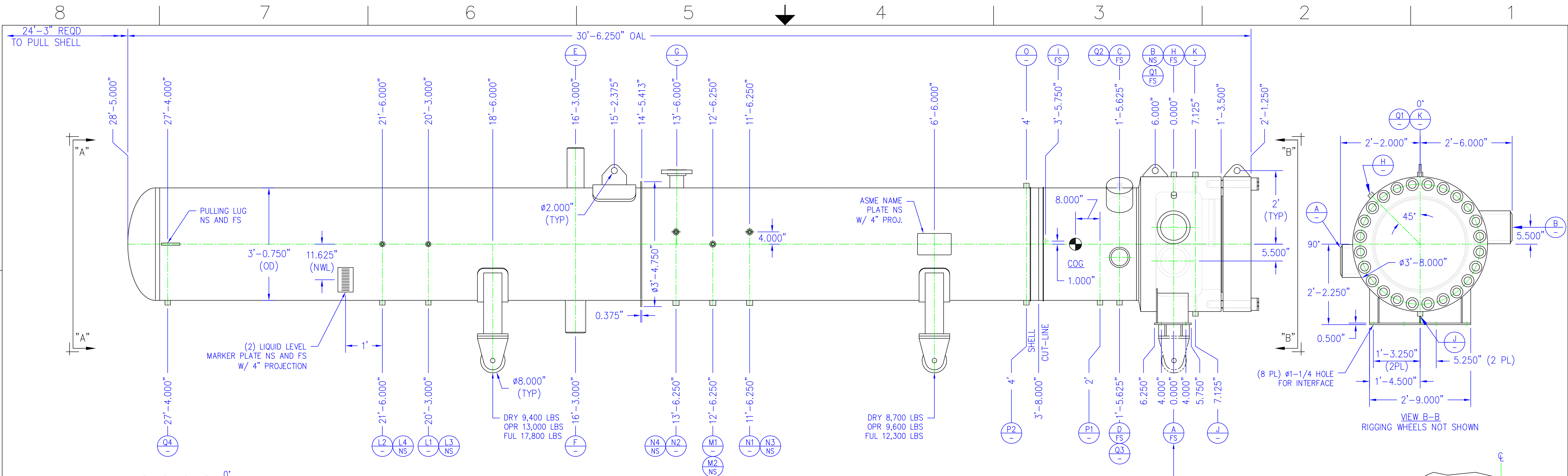
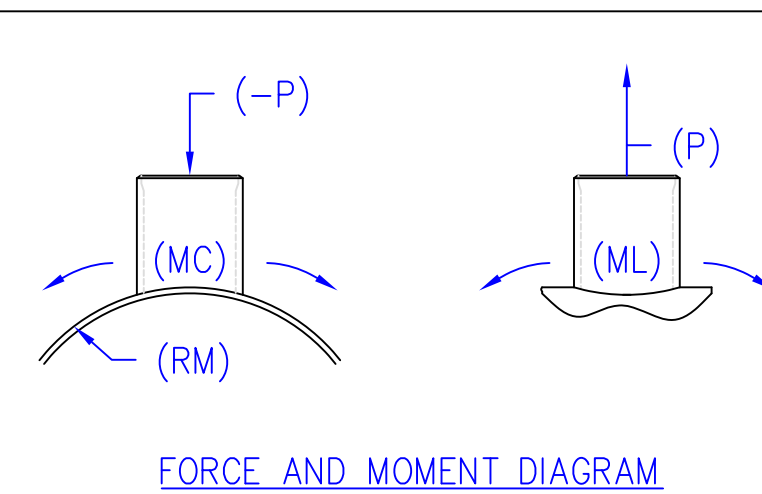
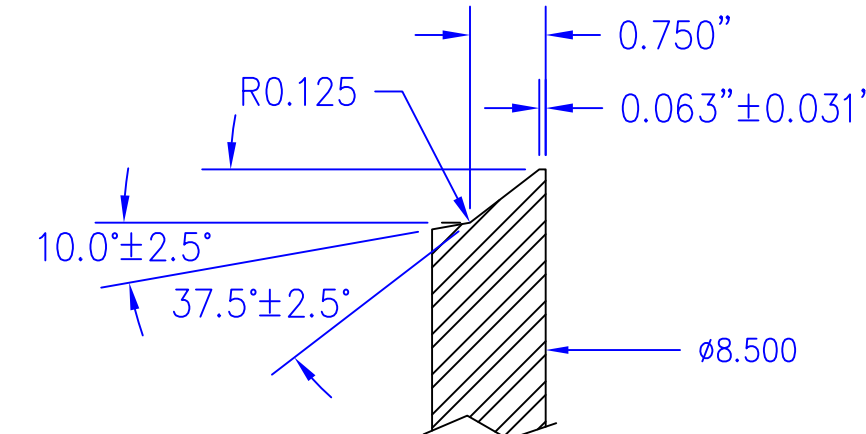
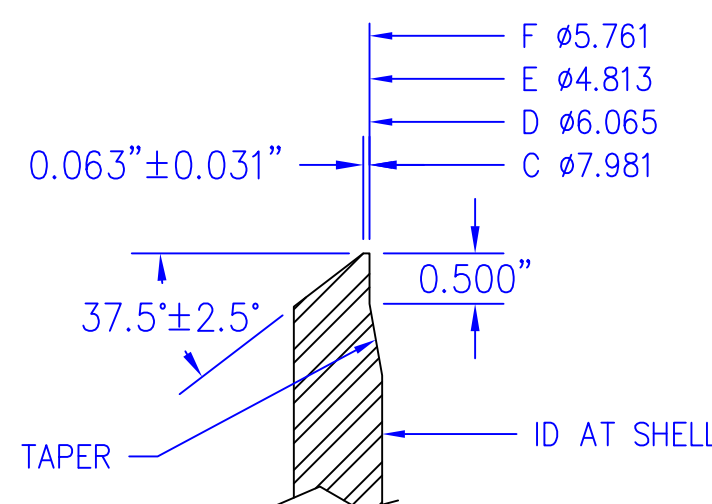




GENERAL NOTES:

- BOLT HOLES STRADDLE CENTERLINES
- PRIME WITH AM-EX SHOP COAT PRIMER
- TAG AND SHIP LOOSE THE FOLLOWING:
 - (2) SETS OF SPARE GASKETS
 - (1 EA) SHELL AND TUBE SIDE PRESSURE RELIEF VALVE
 - (1) ORIFICE PLATE
 - (1) SET TUBE PLUGS
 - (1) FLASH TANK AND PIPING (FLASH TANK IS NEAR SIDE)
- SHIP UNDER NITROGEN
- ALL LIFT LUGS RATED FOR ENTIRE DRY VESSEL WEIGHT
LIFTING LUGS ARE 1.5\"/>
- REMOVE FRONT SET OF WHEELS DURING OPERATION



WRC 107 MAXIMUM ALLOWABLE LOADS				
NOZZLE	RADIAL LOAD (LBS)	NEG. RAD. LOAD (LBS)	LONG. MOMENT (FT-LBS)	CIRC. MOMENT (FT-LBS)
A/B	969,311	-555,888	498,247	336,349
C	5,738	-4,005	2,984	1,346
D/F	5,540	-3,512	1,709	919
E	4,474	-2,808	1,148	669
G	3,500	-2,222	763	474

Q	4	CHEMICAL CLEAN	1\"/>	SA105
P	2	SHELL SIDE DRAIN	1\"/>	SA105
O	1	SHELL SIDE VENT	1\"/>	SA105
N	4	HIGH LEVEL ALARM	1\"/>	SA105
M	2	LEVEL CONTROL CONNECTION	1\"/>	SA105
L	4	GAUGE GLASS CONNECTION	3/4\"/>	SA105
K	1	TUBE SIDE VENT	1\"/>	SA105
J	1	TUBE SIDE DRAIN	1\"/>	SA105
I	1	OPERATING AIR VENT	1/2\"/>	SA105
H	1	TUBE SIDE RELIEF VALVE	3/4\"/>	SA105
G	1	SHELL SIDE RELIEF VALVE	4\"/>	SA106 GRB / SA105
F	1	DRIPS INLET	6\"/>	SA335 P22
E	1	DRIPS INLET	5\"/>	SA335 P22
D	1	DRAINS OUTLET	6\"/>	SA106 GRB
C	1	STEAM INLET	8\"/>	SA106 GRB
B	1	FEEDWATER OUTLET	10\"/>	SA350 LF2 CL1
A	1	FEEDWATER INLET	10\"/>	SA350 LF2 CL1
MARK	QTY	DESCRIPTION	SIZE & RATING	MATERIAL

WEIGHTS	
BUNDLE:	25,300 LBS
DRY:	30,700 LBS
OPERATING:	35,900 LBS
FULL:	44,200 LBS

MATERIALS	
SHELL:	SA516 GR70
CHANNEL:	SA350 LF2 CL1
TUBESHEET:	SA350 LF2 CL1
TUBES:	SA688 TP304 W/ 0.05 MAX C
COVERS:	SA350 LF2 CL1
FORGINGS:	SA350 LF2 CL1
GASKETS:	DIAPHRAGM; OPTIONAL SS WINDING
HARDWARE:	SA193 B7 / SA194 2H
STRUCTURAL:	SA36 OR BETTER
LIFT LUGS:	SA36 OR BETTER

DESIGN CONDITIONS	
ZONES / No. PASS	3 - ZONE 2 - PASS
MIN TEST TEMPERATURE (°F)	+60
TEST PRESSURE (PSIG)	195
NDE	SPOT RT
PWHT	LOCAL HT
CORROSION ALLOWANCE (IN)	1/16\"/>
MDMT (°F)	+30
DESIGN TEMPERATURE (°F)	650
DESIGN PRESSURE (PSIG)	150 & F.V. 3000
	SHELL SIDE TUBE SIDE

REV NO	DESCRIPTION	DATE	DATE	BY	APV
0	INITIAL RELEASE	22/MAR/17	27/APR/17	AGS	TRM
DIMENSIONS ARE IN INCHES (1) DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS NOTED: PER TEMA, HEI, ASME OR I.D. ±0.2, 0.00 ± 0.06, 0.000 ±0.031 ANGLES: ±0.2° REMOVE ALL SHARP CORNERS/EDGES THIRD ANGLE PROJECTION					
PREPARED	TRM	DATE	22/MAR/17	CHECKED	TRM
ENGINEER	TRM	DATE	22/MAR/17	APPROVAL PROGRAM MANAGER	TJM
JOB	4109-02	CUST. P.O. #:	4501508393		

AMERICAN EXCHANGER SERVICES, INC.			
709 W. WISCONSIN ST. HARTFORD, CT 06107			
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TITLE			
WE ENERGIES OCPP - UNIT 5 SPECIFICATION 2016-100-M-SPC-001 55B HP FW HEATER GENERAL ARRANGEMENT DRAWING			
SIZE	CODE IDENT.	DRAWING NO.	REV.
D	ASME VIII D1 ED2015 TEMA C, HEI	4109-02-100	0
SCALE	1:18	WEIGHT	SEE TABLE
SHEET	1 OF 1		