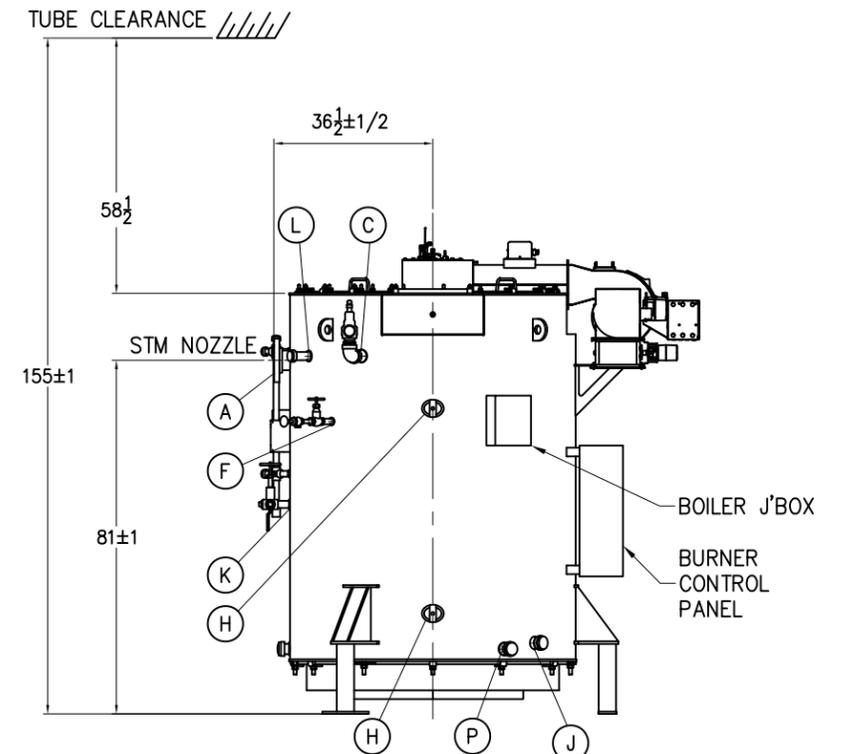
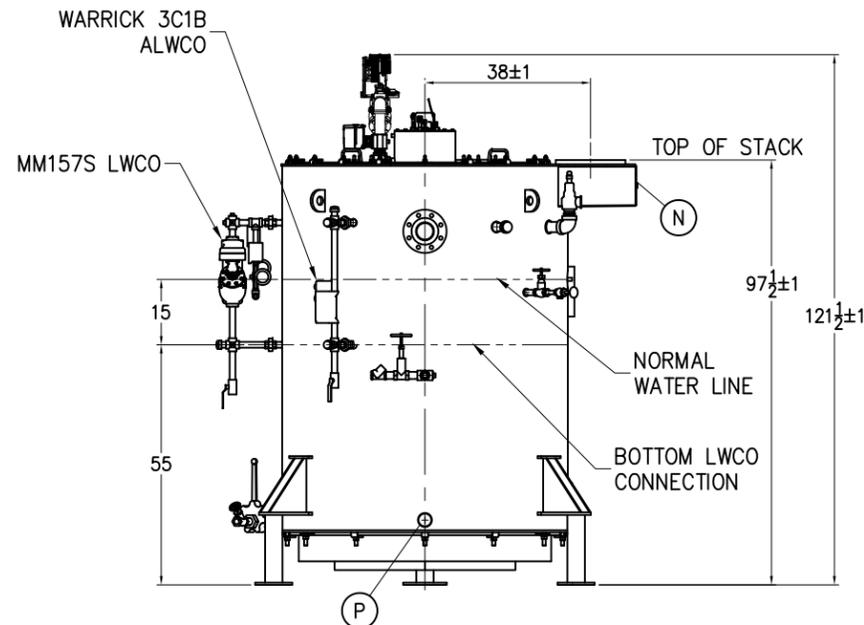
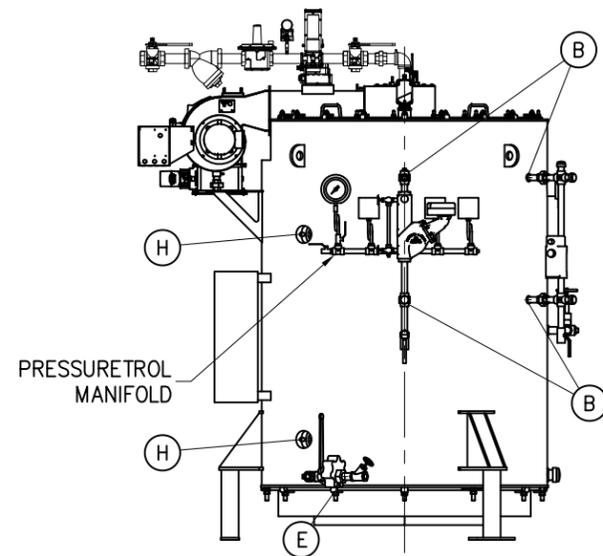


STACK DETAIL



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR	DATE	REVISION	BY	REPRESENTATIVE:
A.(1) STEAM OUTLET	4" 300#	HORSEPOWER	100					X
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 PSIG					
C.(1) SAFETY VALVE	2" NPT	GROSS OUTPUT	3348 MBH					
D.( ) SAFETY VALVE		STEAM (FROM & AT 212F)	3450 LB/HR					
E.(1) BOILER BLOWDOWN	1 1/4" NPT	HEAT RELEASE: (FURNACE ONLY)	168,090 BTU/CuFt					
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	4184 MBH					
G.( ) MANWAY		HEATING SURFACE (ASME)	347 SqFt					
H.(4) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	41.12 SqFt					
J.(1) SIGHTPORT	2" NPT	FURNACE VOLUME:						
K.(1) FEEDWATER	1 1/4" NPT	FURNACE ONLY	24.89 CuFt					
L.(1) AUXILIARY	1 1/2" NPT	STEAMING VOLUME	15.91 CuFt					
M.( ) LOW FIRE HOLD		STEAM RELEASE AREA	12.32 SqFt					
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:						
P.(2) INSPECTION	2" NPT	(FULL)	515 Gal @ 4,284 Lbs					
Q.( )		(NWL)	396 Gal @ 3,294 Lbs					
R.( )		SHIPPING WEIGHT:	9,400 Lbs					
S.( )								

NOTES		CHECKED BY	DATE
1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET. 2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET. 3. BOILER DESIGN CODE ASME SECTION I. 4. BOILER INSULATED WITH 2"-8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET. 5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.		X	
<b>SUPERIOR BOILER</b>		DRAWN BY	DATE
		X	
BOILER MODEL			
DVFT-100-S150-WB-G			
SCALE	DRAWING No		
1/42	X		

PROJECT:	X
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THIS DRAWING IS THE PROPERTY OF SUPERIOR BOILER AND SHALL NOT BE REPRODUCED IN PART OR IN WHOLE, & NONE OF ITS INFORMATION SHALL BE REVEALED WITHOUT PERMISSION OR TO THE DETRIMENT OF THE OWNER. IT MUST BE RETURNED UPON REQUEST.	
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