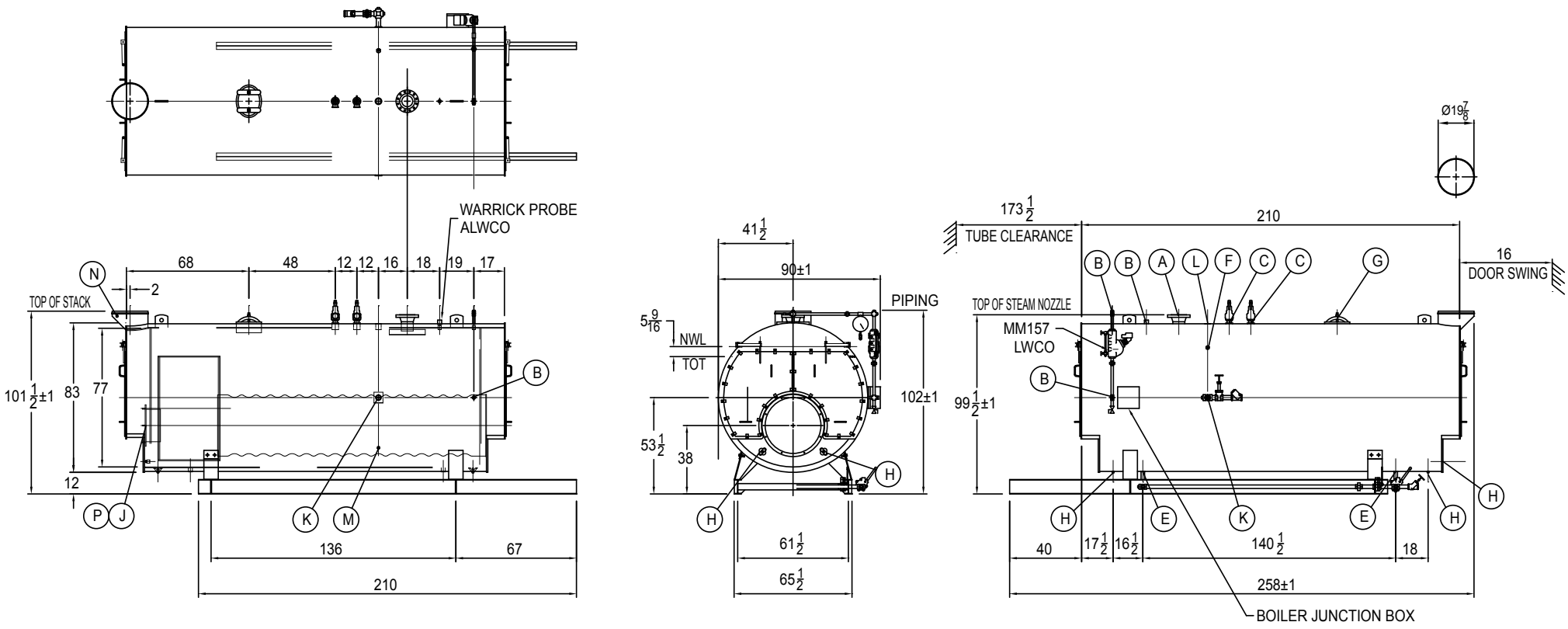

BOILER CONNECTIONS

A.(1) STEAM OUTLET	6" 300# FLANGE
B.(4) LWCO	1" NPT
C.(2) SAFETY VALVE	2" NPT
D.( ) SAFETY VALVE	
E.(2) BOILER BLOWDOWN	1 1/4" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	12" x 16"
H.(5) HANDHOLE	3" x 4"
J.(1) CLEANOUT	17" ID
K.(2) FEEDWATER	2" NPT
L.(1) AUXILIARY/VENT	2" NPT
M.(1) LOW FIRE HOLD	1/2" NPT
N.(1) STACK TEMP	1/2" NPT
P.(1) SIGHTPORT	1 1/4" PIPE
Q.( )	
R.( )	
S.( )	

RATINGS & CAPACITIES

HORSEPOWER	250
DESIGN PRESSURE	150 PSIG STEAM
GROSS OUTPUT	8369 MBH
STEAM (FROM & AT 212°F)	8625 Lbs/Hr
HEAT RELEASE: (FURNACE ONLY)	152976 BTU/CuFt
RATED INPUT	10461 MBH
HEATING SURFACE (ASME)	1279 SqFt
FURNACE HEATING SURFACE	110.77 SqFt
FURNACE VOLUME	68.38 CuFt
TURNAROUND VOLUME	47.99 CuFt
STEAMING VOLUME	38.54 CuFt
STEAM RELEASE AREA	66.13 SqFt
WATER CAPACITY:	
(FULL) 2,295 Gal	@ 19,089 Lbs
(NWL) 2,007 Gal	@ 16,691 Lbs
SHIPPING WEIGHT:	24,000 Lbs

LTR	DATE	REVISION	BY

NOTES

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" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.

SUPERIOR BOILER WORKS, INC.
HUTCHINSON, KANSAS

CHECKED BY: ?
DRAWN BY: ?
DATE:
DATE:

SEMINOLE
BOILER MODEL
6-5-1250-S150

SCALE: 1/54

DRAWING No: ?

REPRESENTATIVE: ?

PROJECT: ?

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