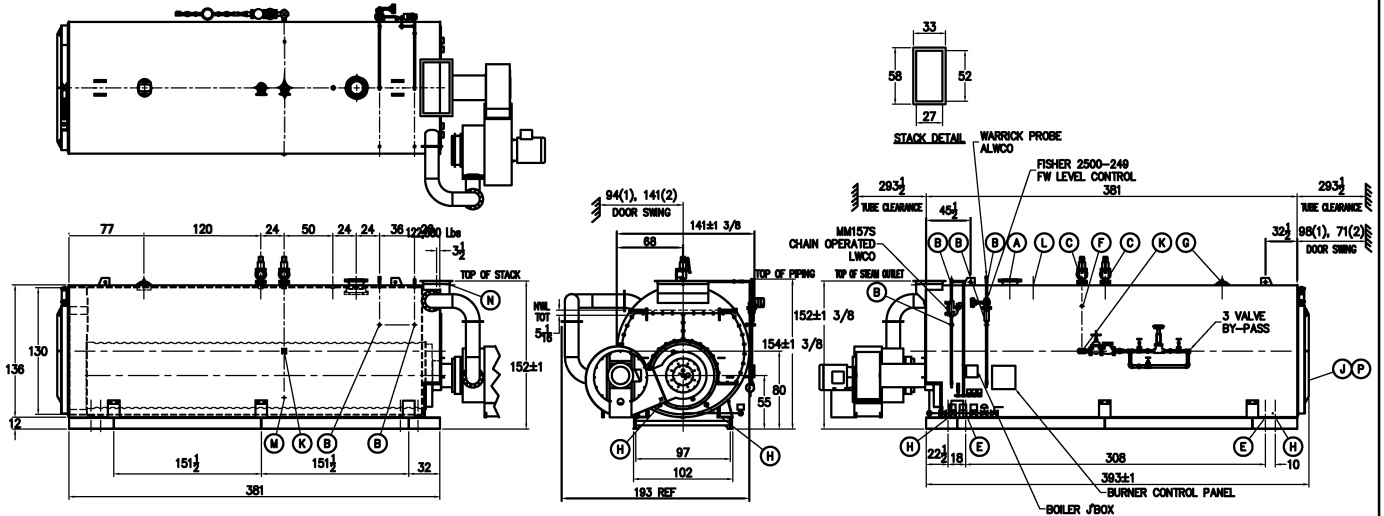

BOILER CONNECTIONS

A.(1) STEAM OUTLET	14" 300# FLG
B.(6) LWCO	1" NPT
C.(2) SAFETY VALVE	4" 300# FLG
D.( ) SAFETY VALVE	
E.(2) BOILER BLOWDOWN	2" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	12" x 16"
H.(4) HANDHOLE	3" x 4"
J.(1) CLEANOUT PORT	19" ID
K.(2) FEEDWATER	3" 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	2200
DESIGN PRESSURE	150 PSIG STEAM
GROSS OUTPUT	73,645 MBH
STEAM (FROM & AT 212F)	75,900 Lbs/Hr
HEAT RELEASE: (FURNACE ONLY)	140,863 BTU/CuFt
RATED INPUT	92,056 MBH
HEATING SURFACE (ASME)	11,023 SqFt
FURNACE HEATING SURFACE	532.97 SqFt
FURNACE VOLUME:	
FURNACE	653.52 CuFt
STEAMING VOLUME	306.45 CuFt
STEAM RELEASE AREA	234.89 SqFt
WATER CAPACITY:	
(FULL) 11,001 GAL @	91,504 Lbs
(NWL) 8,709 GAL @	72,437 Lbs
SHIPPING WEIGHT:	

LTR	DATE	REVISION	BY

REPRESENTATIVE:

PROJECT: ?

NOTES

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
3. REAR DOOR SWING:
   (1) MIN SIDE, MAX REAR
   (2) MAX SIDE, MIN REAR
4. BOILER DESIGN CODE ASME SECTION I.
5. BOILER INSULATED WITH 2" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL.
6. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.

SUPERIOR BOILER

CHECKED BY

DRAWN BY ?

DATE

DATE

APACHE BOILER MODEL 8-5-11000-S150

SCALE 1/88

DRAWING No ?

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