

PROJECT: STANDARD BOILER

**LEGEND**

- BS = BOTH SIDES
- RS = RIGHT SIDE
- LS = LEFT SIDE

**BURNHAM**<sup>®</sup>  
Commercial Boilers

**RATINGS AND DATA**

Shell Diameter : 90"  
Gross Output - BHP : 400  
Gross Output - MBH : 13390  
Gross Output - Lbs/Hr : 13800  
Net Rating - MBH : 10396  
Net Rating - Sq. Ft. : 43317  
Safety Valve - Lbs/Hr. : 15621

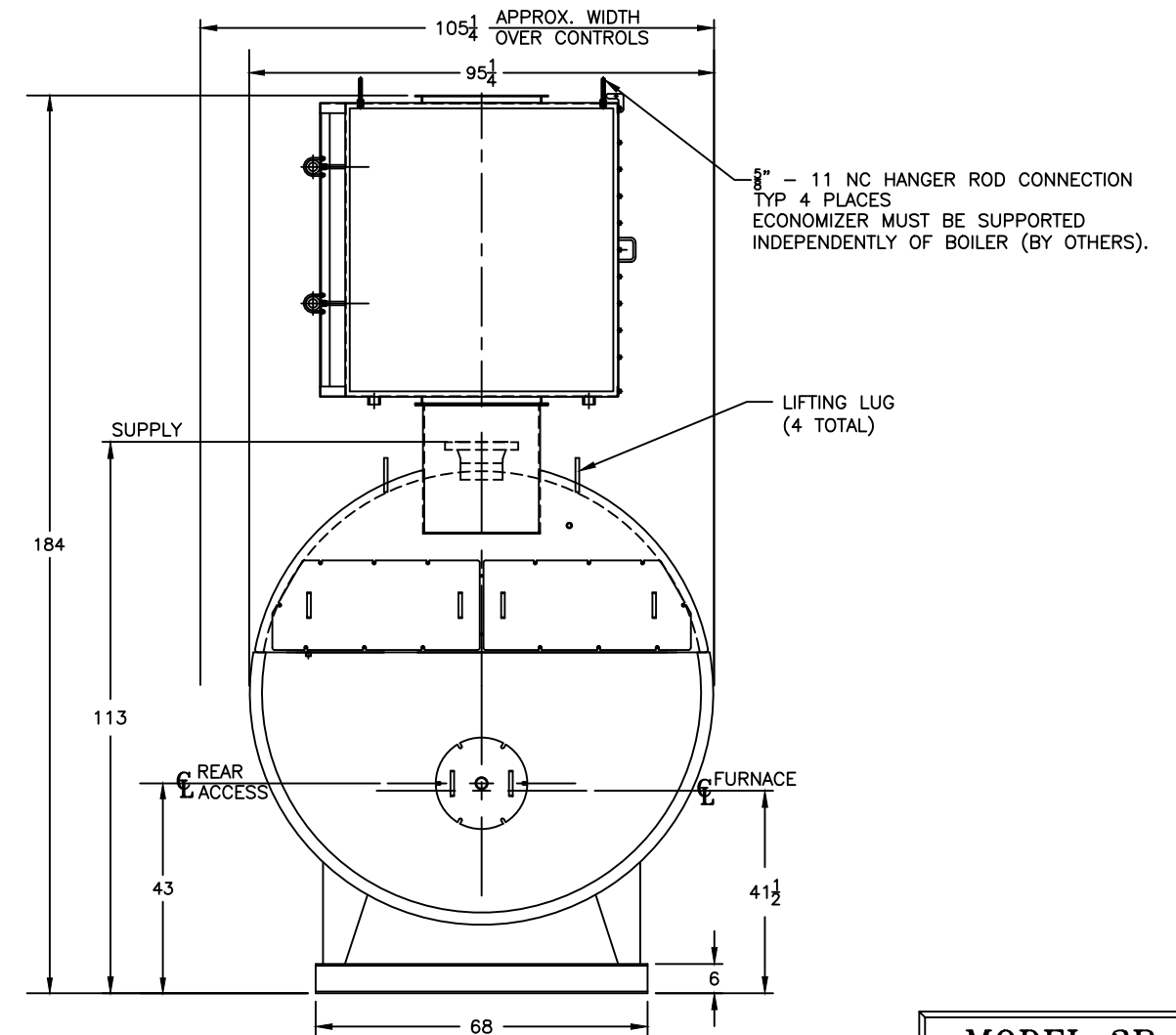
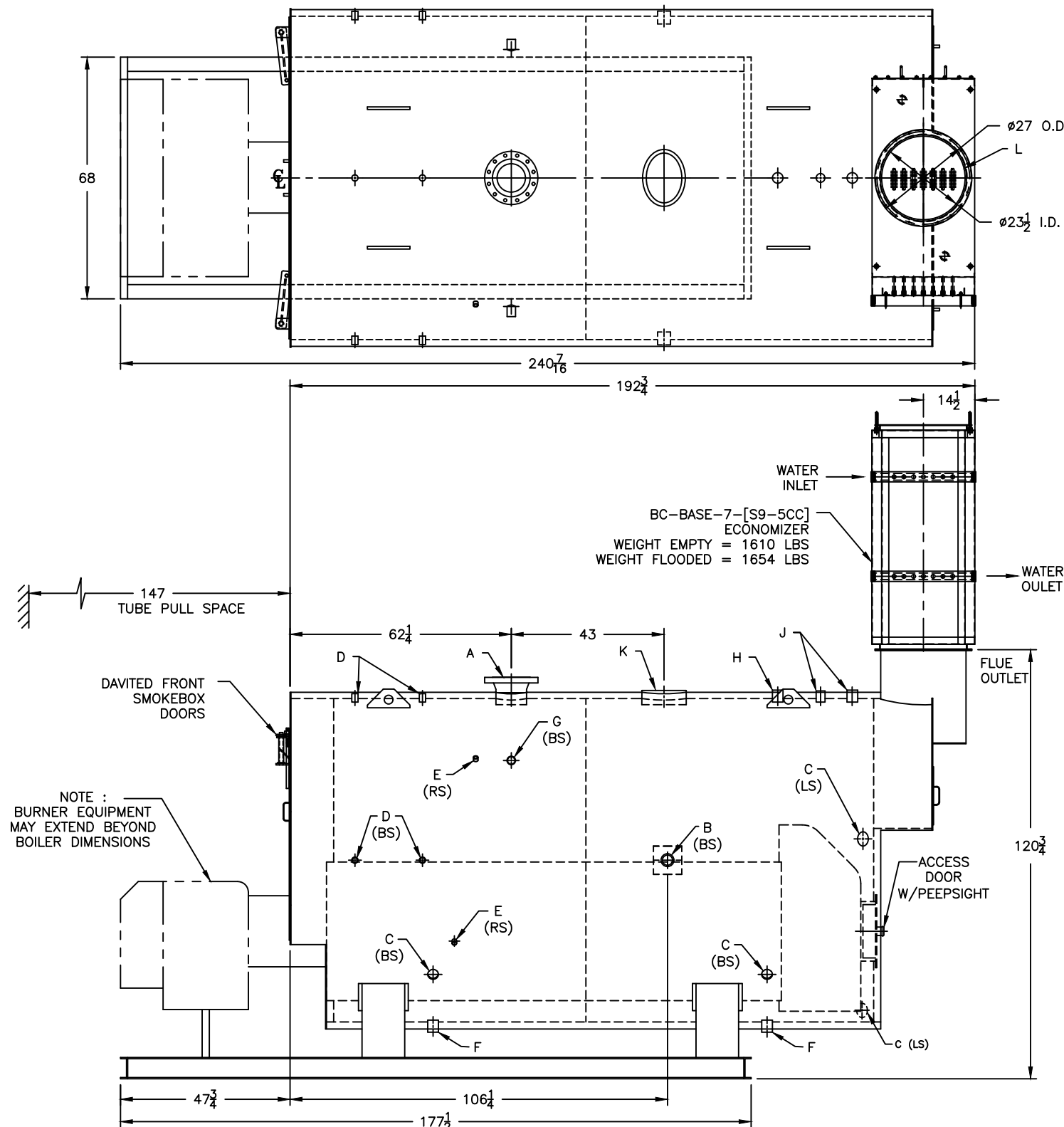
**LEGEND CONNECTIONS**

- A = 8" FLANGED SUPPLY (300#)
- B = 2-1/2" RETURN
- C = 3" x 4" HANDHOLE
- D = 1" WATER COLUMN
- E = 3/4" AQUASTAT
- F = 2" BOTTOM BLOWDOWN
- G = 2" SURFACE BLOWOFF
- H = 2" AUXILIARY CONNECTION
- J = 2" SAFETY VALVE  
1-1/2" SAFETY VALVE
- K = 12" x 16" MANHOLE
- L = 24" NOMINAL FLUE DIAMETER

Heating Surface - Sq. Ft.  
Fireside - 2000  
Firetubes  
Number - 268  
Diameter - 2.5" O.D.

Firing Rate  
1000 BTU Gas (MBH) - 16738  
140000 BTU/Gal Oil (GPH) - 114.8  
150000 BTU/Gal Oil (GPH) - 107.1

Water Content  
Pounds - 16497  
Gallons (U.S.) - 1981  
Approximate Weight/LBS.  
(Includes Economizer)  
Dry - 27306  
Wet - 43803



**MODEL 3P-400**  
**400 BHP**  
**150 PSI STEAM**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE ALL CONNECTIONS ARE THREADED UNLESS OTHERWISE SPECIFIED

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