

PROJECT: STANDARD BOILER

**LEGEND**

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

**BURNHAM®**  
Commercial Boilers

**RATINGS AND DATA**

Shell Diameter : 90"  
Gross Output - BHP : 350  
Gross Output - MBH : 11716  
Gross Output - Lbs/Hr : 12075  
Net Rating - MBH : 9096  
Net Rating - Sq. Ft. : 37900  
Safety Valve - Lbs/Hr. : 13668

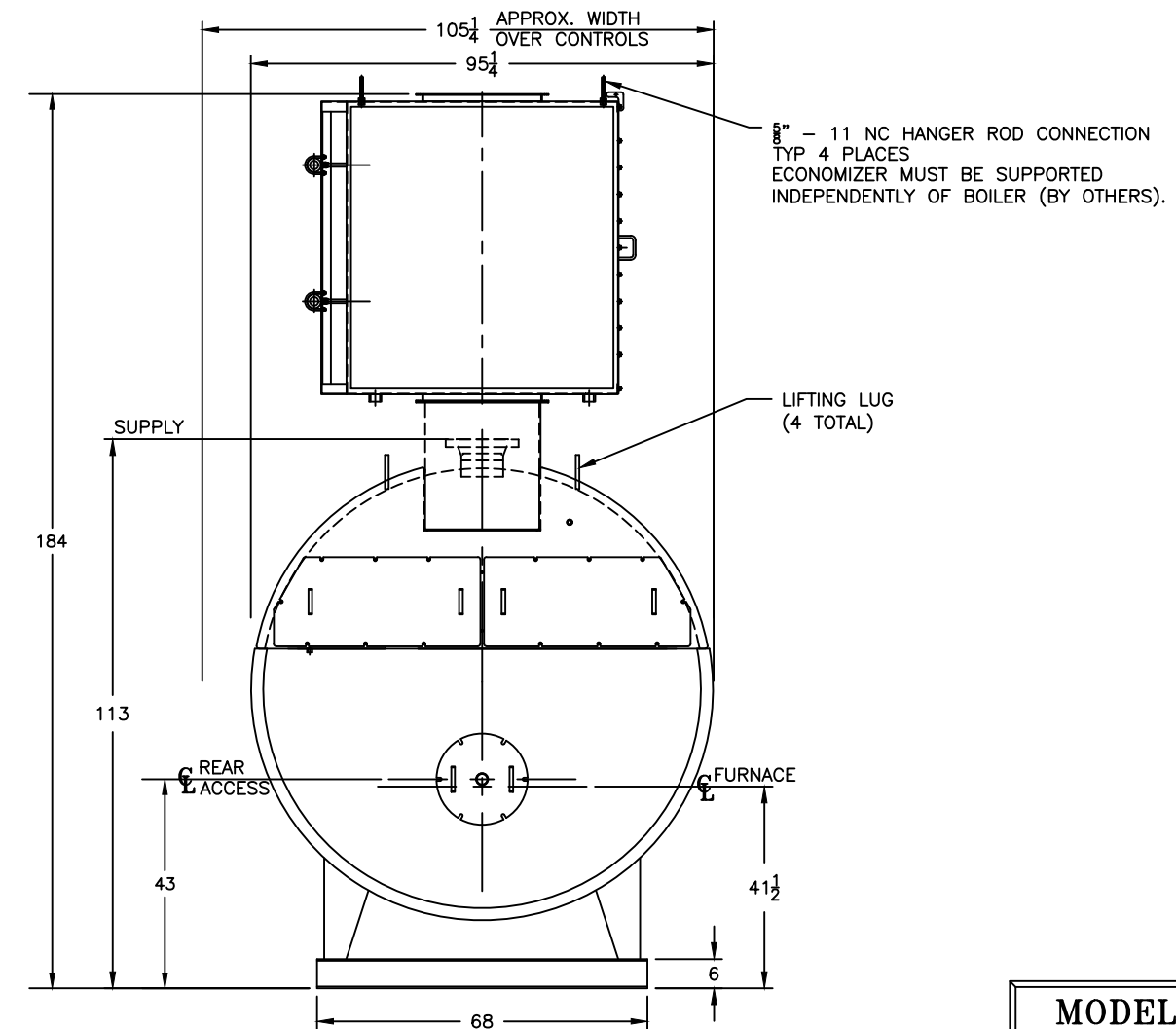
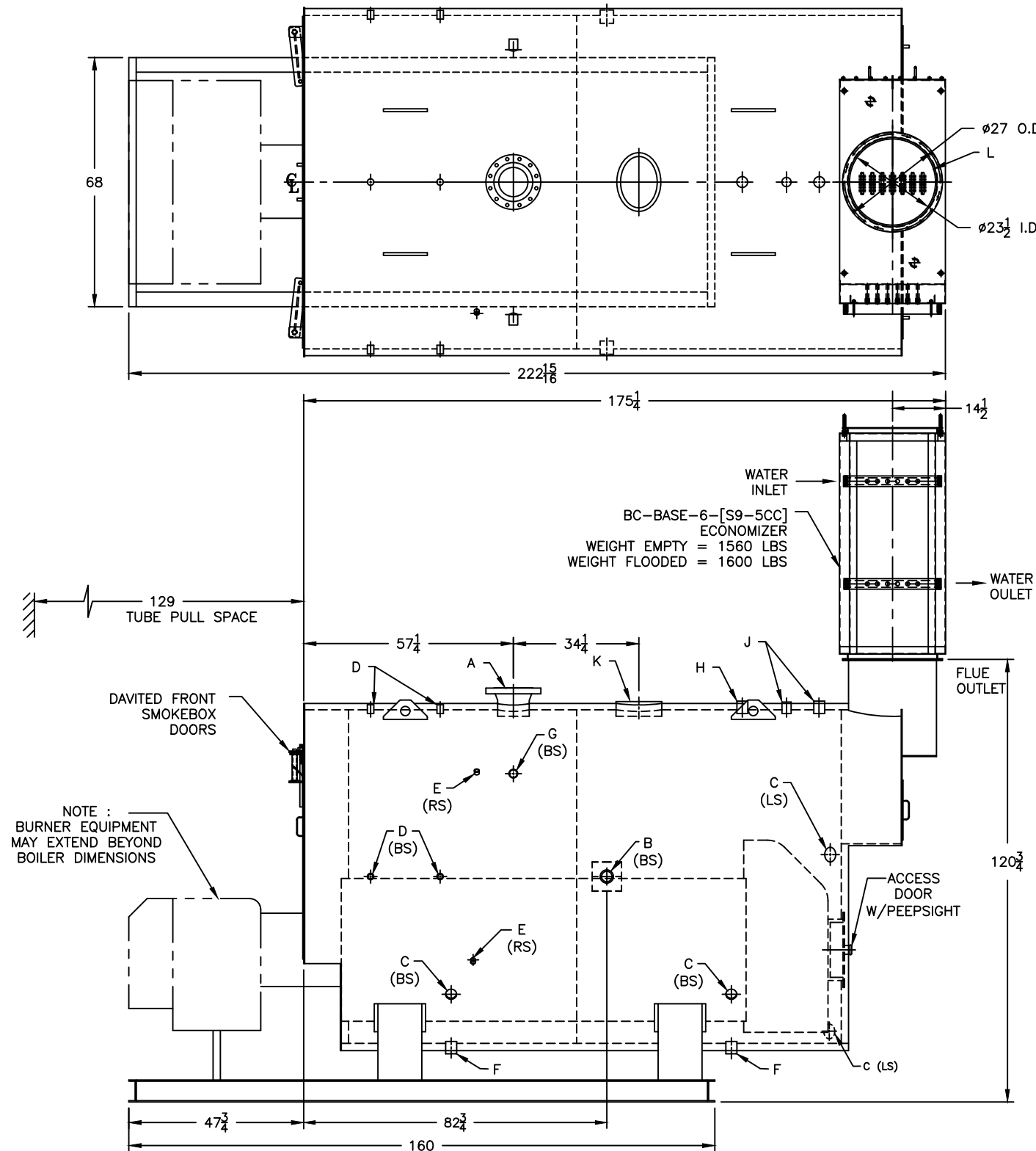
**LEGEND CONNECTIONS**

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 - 1750  
Firetubes  
Number - 268  
Diameter - 2.5" O.D.

Firing Rate  
1000 BTU Gas (MBH) - 14645  
140000 BTU/Gal Oil (GPH) - 100.1  
150000 BTU/Gal Oil (GPH) - 93.4

Water Content  
Pounds - 14497  
Gallons (U.S.) - 1740  
Approximate Weight/LBS.  
(Includes Economizer)  
Dry - 25260  
Wet - 39757



**MODEL 3P-350**  
**350 BHP**  
**150 PSI STEAM**