

# BURNHAM®

## Commercial Boilers

### RATINGS AND DATA

Shell Diameter : 54"  
 Gross Output - BHP : 82.8  
 Gross Output - MBH : 2772  
 Net Rating - MBH : 2411  
 Relief Valve - MBH : 3200

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Heating Surface - Sq. Ft.  
 Fireside - 400

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Firetubes  
 Number - 106  
 Diameter - 2" O.D.

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Firing Rate  
 1000 BTU Gas (MBH) - 3348  
 140000 BTU/Gal Oil (GPH) - 23.0  
 150000 BTU/Gal Oil (GPH) - 21.5

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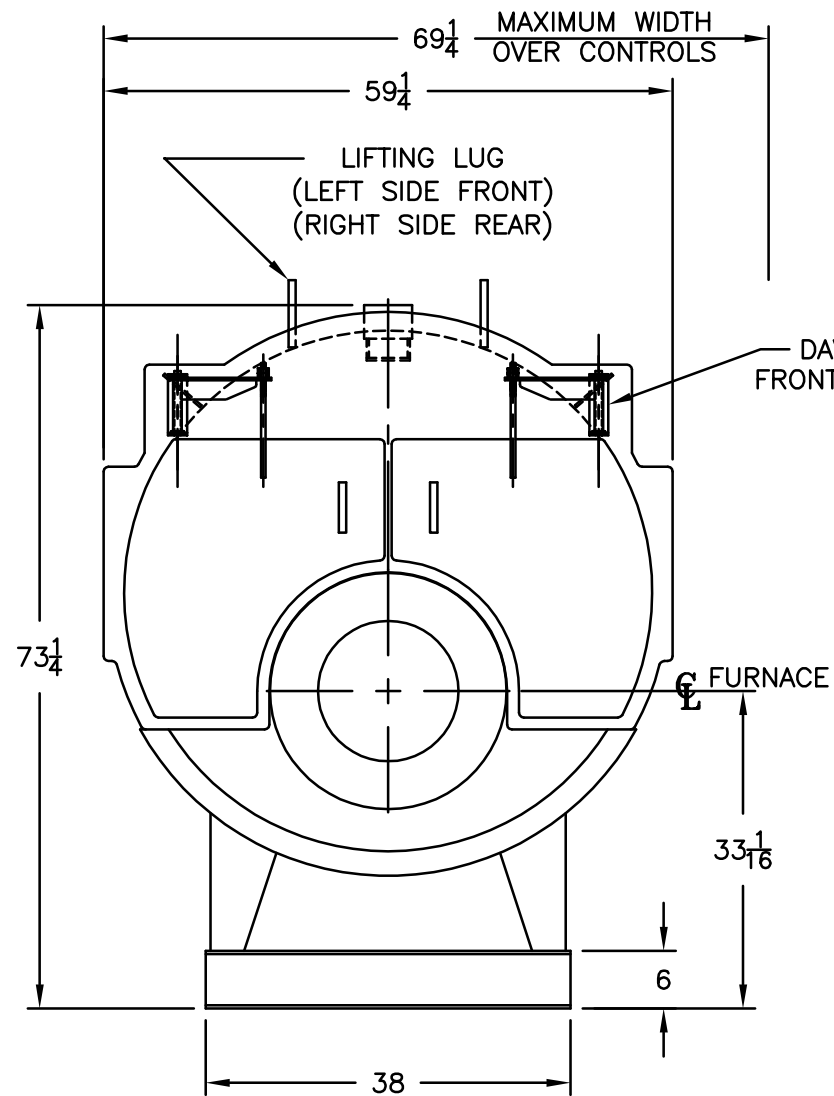
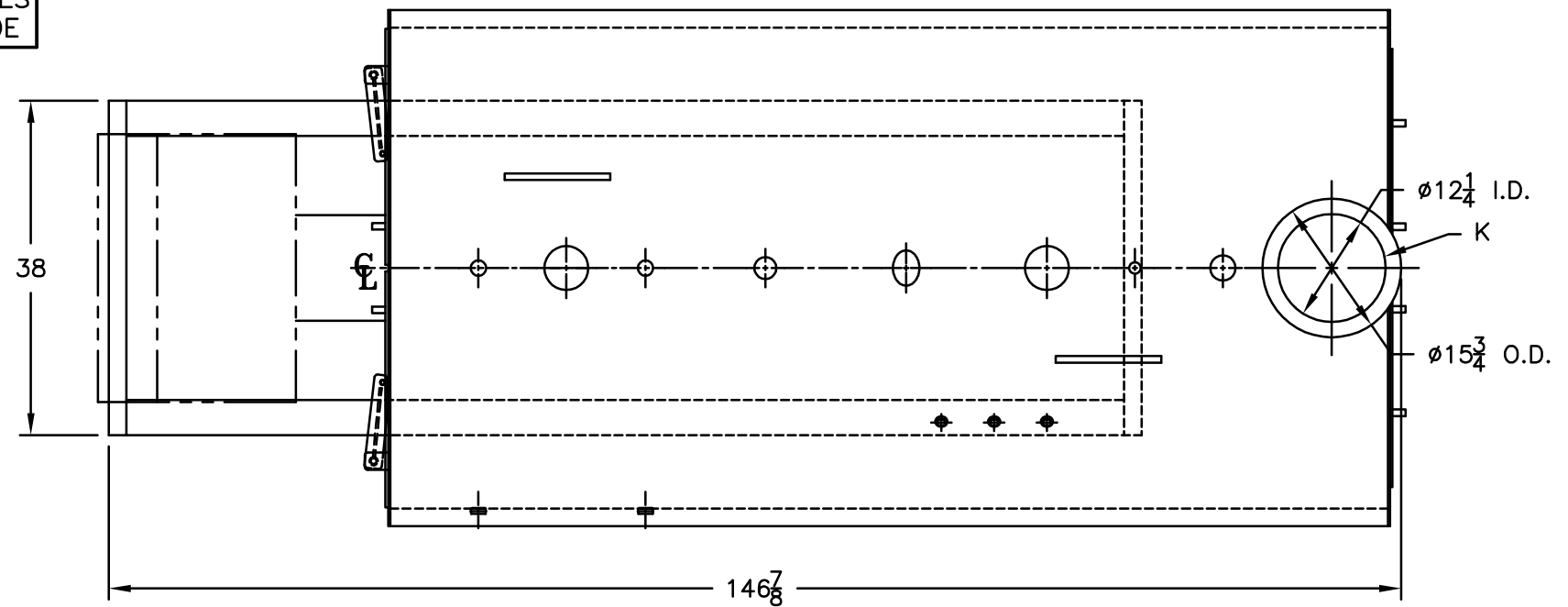
Water Content  
 Pounds - 4647  
 Gallons (U.S.) - 557  
 Approximate Weight/LBS.  
 Dry - 5900  
 Wet - 10547

### LEGEND

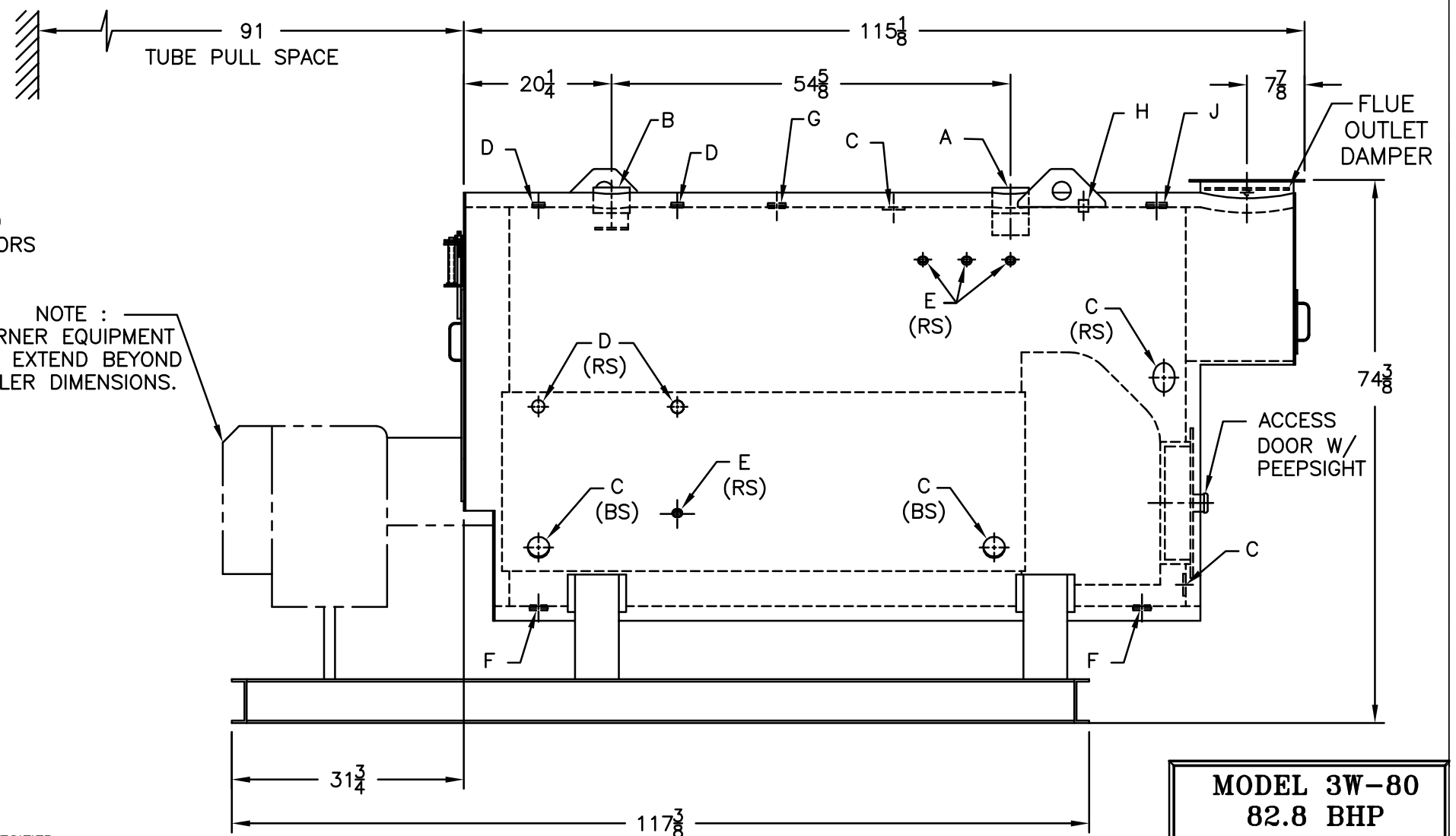
BS = BOTH SIDES  
 RS = RIGHT SIDE

### LEGEND CONNECTIONS

- A = 4" SUPPLY
- B = 4" RETURN
- C = 3" x 4" HANDHOLE
- D = 1" WATER COLUMN
- E = 3/4" AQUASTAT
- F = 1-1/2" BOTTOM BLOWDOWN
- G = 1-1/2" EXPANSION TANK
- H = 3/4" TEMPERATURE GAUGE
- J = 2" SAFETY/RELIEF VALVE
- K = 12" NOMINAL FLUE DIAMETER



NOTE :  
 BURNER EQUIPMENT  
 MAY EXTEND BEYOND  
 BOILER DIMENSIONS.



**MODEL 3W-80**  
**82.8 BHP**  
**30 PSI WATER**

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