BURNHAM®
Commercial Boilers

LEGEND CONNECTIONS

A = 6" FLANGED SUPPLY (300#)
B = 3" RETURN
C = 2" WASHOUT
D = 1" WATER COLUMN
E = 3/4" AQUASTAT
F = 1-1/2" BOTTOM BLOWDOWN
G = 3 X 4 HANDHOLE
H = 1-1/2" AUXILIARY CONNECTION
J = 2" SAFETY VALVE
K = 12" NOMINAL FLUE DIAMETER
L = 1-1/2" SURFACE BLOWOFF

RATINGS AND DATA

Shell Diameter : 31 3/8"
Gross Output – BHP : 102.1
Gross Output – MBH : 3417
Gross Output – Lbs/Hr. : 3522
Safety Valve – Lbs/Hr. : 3680

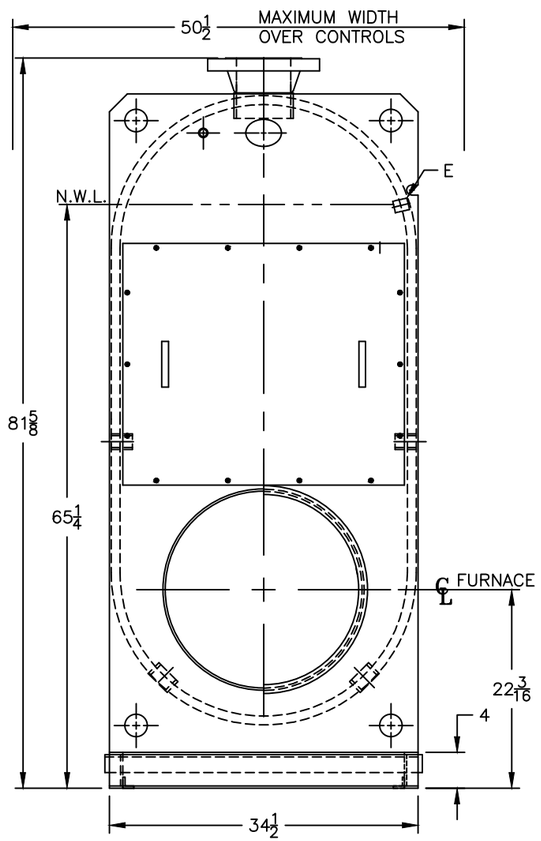
Heating Surface – Sq. Ft.
Fireside – 386
Firetubes
Number – 86
Diameter – 2" O.D.

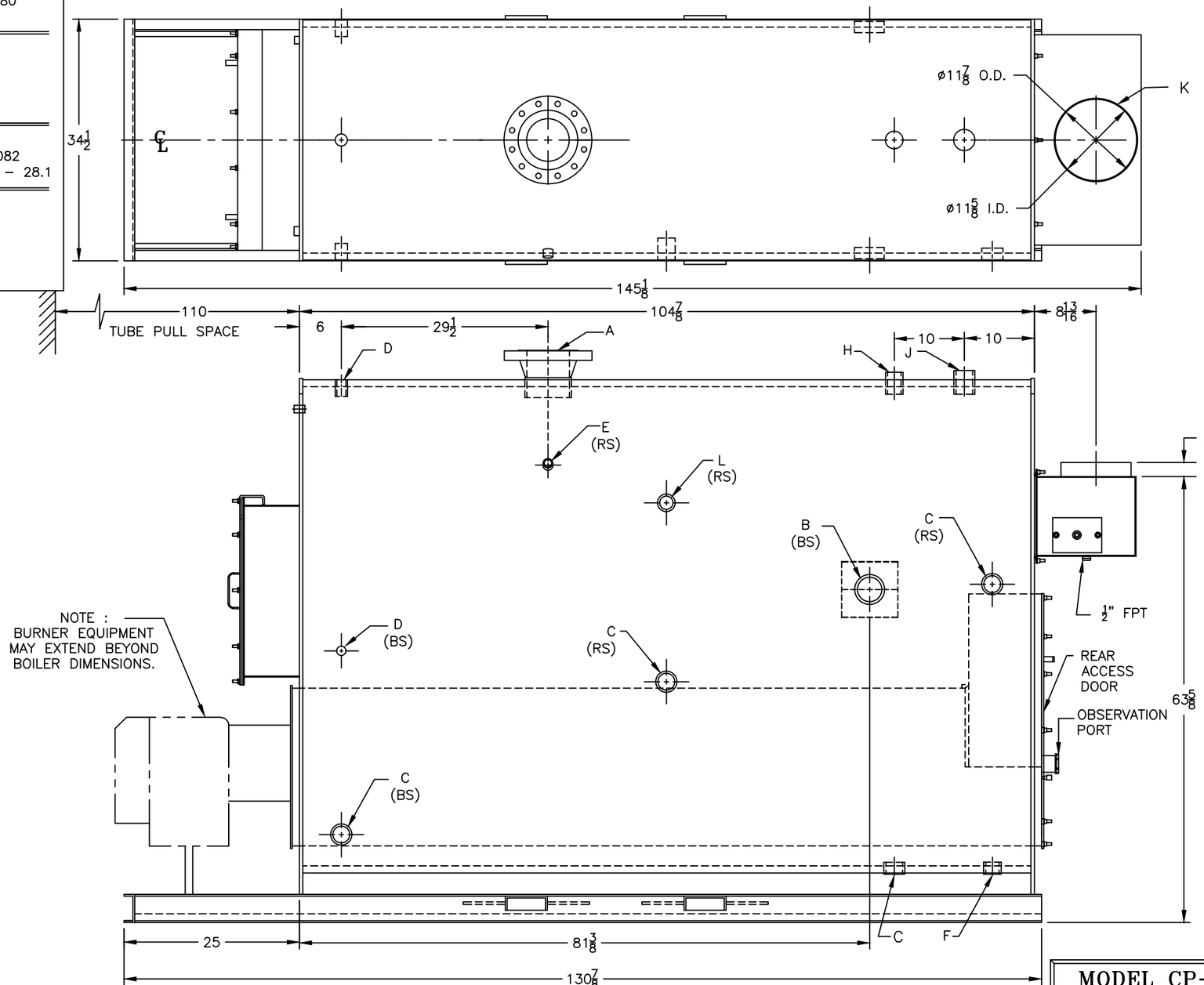
Firing Rate
1000 BTU Gas (MBH) – 4082
140000 BTU/Gal Oil (GPH) – 28.1

Water Content
Pounds – 3500
Gallons (U.S.) – 420
Approximate Weight/LBS.
Dry –6400
Wet – 9900

LEGEND

BS = BOTH SIDES
RS = RIGHT SIDE





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

MODEL CP-100
102.1 BHP
30 PSI STEAM

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