INSTALLATION SERVICE CONNECTIONS

1. 4"-600# SAFETY VALVE CONNECTION
   (SAFETY VALVE MUST BE REMOVED FOR TRANSPORT)
2. 4"-600# SAFETY VALVE CONNECTION
   (SAFETY VALVE MUST BE REMOVED FOR TRANSPORT)
3. 2"-500# SAFETY VALVE CONNECTION
   (SAFETY VALVE MUST BE REMOVED FOR TRANSPORT)
4. 8"-300# MAIN STEAM OUTLET CONNECTION
5. 1" NPT DRUM VENT / AUX CONNECTION
6. 2-1/2"-300# OPTIONAL ECONOMIZER CONNECTIONS
7. FLUE GAS STACK AND TRANSITION
   (REMOVED FOR TRANSPORT)
8. UPPER F.O. FAN HOUSING
   (REMOVABLE TO PROVIDE ADDITIONAL SHIPPING CLEARANCE (FLANGED))
9. ---------300# AUX ATOMIZING AIR / STEAM CONNECTION
   (LOCATED BEHIND CABINET)
10. -------- NPT PILOT GAS CONNECTIONS (NAT OR PROPANE)

11. 3/4" NPT FUEL OIL INLET
    (LOCATED ON OPPOSITE SIDE OF TRAILER)
12. 2-1/2"-150# R.F. FUEL GAS INLET
13. 1-1/2"-150# GAS VENT OUTLET
14. 1-1/2"-500# BLOW OFF CONNECTION
15. 1-1/2"-500# LOWER DRUM HEATING COIL CONNECTION
16. 3/4" NPT CHEMICAL FEED CONNECTION
17. 1" CONTINUOUS BLOWDOWN CONNECTION
    (LOCATED ON OPPOSITE SIDE OF TRAILER)
18. 2"-600# FEEDWATER SUPPLY CONNECTION
19. 460/60/3 POWER SUPPLY 100 AMP
20. 2"-500# SOOT BLOWER STEAM SUPPLY CONNECTION
21. 2"-300# CHEMICAL CLEANING CONNECTION
22. 1" NPT FURNACE PRESS CONNECTION
23. WASHERS
24. 1" NPT INSTRUMENT AIR CONNECTION

DESIGN DATA

OVERALL LENGTH: 52'-0"
OVERALL WIDTH: 8'-6"
NET WEIGHT (INCL TRAILER): 85,000 LBS
CONTINUOUS CAPACITY: 40,000 PPH
DESIGN PRESSURE: 750 PSIG
FEEDWATER TEMPERATURE: 240 DEG F
FURNACE VOLUME: 607 CU. FT.
CONVECTION HEATING SURFACE: 2,986 SQ. FT.
RADIANT HEATING SURFACE: 386 SQ. FT.
TOTAL HEATING SURFACE: 3,495 SQ. FT. (A.S.M.E.)
GAS SUPPLY PRESSURE: 10 PSIG (REGULATED BY CUSTOMER)
OIL SUPPLY PRESSURE: 30 PSIG FLOODED MAX.
FEED WATER PRESSURE: 75-100 PSIG ABOVE OPERATING PRESSURE
INSTRUMENT AIR PRESSURE: 50 PSIG MIN.

NOTE: A NATURAL GAS OR PROPANE PILOT IS REQUIRED FOR OIL.
NOTE 2: PROVIDE ADEQUATE WEATHER PROTECTION FOR BURNER, CONTROLS AND PERSONNEL.