



PLATFORM ANCHOR DETAIL
(NOT TO SCALE)
MAT'L SPEC: A36 4" x 4" x 1/2" x 14 3/4"
(3) REQ'D

BOILER CONNECTIONS		RATINGS & CAPACITIES	
A.(1) STEAM OUTLET	14" 300# FLG	HORSEPOWER	2200*
B.(6) LWCO	1" NPT	DESIGN PRESSURE	150 PSIG
C.(1) SAFETY VALVE	4" 300# FLG	GROSS OUTPUT	73,645 MBH*
D.(1) SAFETY VALVE	6" 300# FLG	STEAM (FROM & AT 212°F)	75,900 Lbs/HR*
E.(2) BOILER BLOWDOWN	2" NPT	HEAT RELEASE: (FURNACE ONLY)	140,045 BTU/CuFt*
F.(2) SURFACE BLOWDOWN	1" NPT	RATED INPUT	92,056 MBH*
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	11,043 SqFt
H.(4) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	535.87 SqFt
J.(1) CLEANOUT	18"	FURNACE (ONLY) VOLUME	657.34 CuFt
K.(2) FEEDWATER	3" NPT	STEAMING VOLUME	348.80 CuFt
L.(1) AIR VENT	2" NPT	STEAM RELEASE AREA	243.26 SqFt
M.(2) LOW FIRE HOLD	1/2" NPT	WATER CAPACITY:	
N.(1) STACK TEMP	1/2" NPT	(FULL)	11,001 Gal @ 91,504 Lbs
P.(1) CHEMICAL FEED	1" NPT	(NWL)	8,392 Gal @ 68,807 Lbs
Q.(1) AUXILIARY	1 1/2" NPT	SHIPPING WEIGHT:	121,000 Lbs
R.()			
S.()			

LTR	DATE	REVISION
A	01-07-07	DOOR SWING WAS TO LEFT; TUBE CLEARANCE WAS 293 1/2"; ADD BURNER SUPPORT SKID
B	05-2-07	ADD PLATFORM BRKTS; UPDATE BURNER SUPPORT; ROTATE SAFETY VALVES 180 DEG.
C	05-15-07	UPDATE BURNER CONFIGURATION
D	05-22-07	UPDATE BURNER DIMENSIONS

- NOTES
- ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
 - SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
 - REAR DOOR SWING:
(1) MIN SIDE, MAX REAR
(2) MAX SIDE, MIN REAR
 - BOILER DESIGN CODE ASME SECTION I
 - BOILER INSULATED WITH 2" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
 - ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
 - HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

SUPERIOR
BOILER WORKS, INC.
HUTCHINSON, KANSAS

APACHE BOILER MODEL
8-X-11000-S150-GPCF-G

SCALE: 1/94

DRAWING No: 7090373

CHECKED BY: M. MATAHALL
DATE: 12-06-06

DRAWN BY: M. MATAHALL
DATE: 12-05-06

REPRESENTATIVE:
CAMPBELL-SEVEY
MINNETONKA, MN

JOB NAME: BUNGE-ERGON VICKSBURG

JOB LOCATION: VICKSBURG, MS

CUSTOMER P.O. 067584

EQUIPMENT LABEL: BOILER Z-7201-B

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