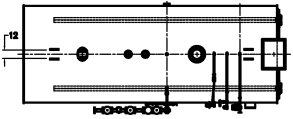

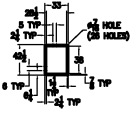

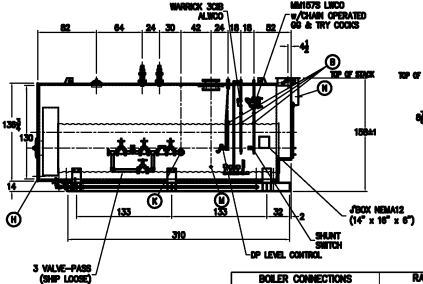

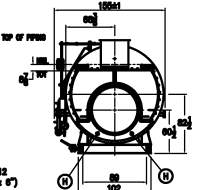

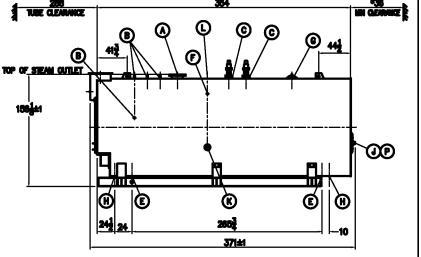

BOILER CONNECTIONS		RATINGS & CAPACITIES	
A.(1) STEAM OUTLET	14" 300# RF F.O.	HORSEPOWER	2000*
B.(7) LNCO	2" FNPT	DESIGN PRESSURE	350 PSIG
C.(2) SAFETY VALVE	6" 300# RF F.O.	GROSS OUTPUT	69,000 MBHO
D.(1) SAFETY VALVE	6" 300# RF F.O.	STEAM (FROM & AT 212°F)	69,000 LBS/HR
E.(2) BOILER BLOWDOWN	2" FNPT	HEAT RELEASE (FURNACE ONLY)	1-CUBIC FOOT/SQ.FT.
F.(1) SURFACE BLOWDOWN	1" FNPT	RATED INPUT	83,000 MBHO
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ABSB)	2000 SQ.FT.
H.(8) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	624.73 SQ.FT.
J.(1) CLEANOUT	20" PIPE	FURNACE (CIRC) VOLUME	222.67 CU.FT.
K.(2) PRESSWATER	2" 300# RF F.O.	TURNAROUND VOLUME	118.72 CU.FT.
L.(1) VENT	2" FNPT	STEAMING VOLUME	334.31 CU.FT.
M.(1) LOW FIRE HOLD	1" FNPT	STEAM RELEASE AREA	333.63 SQ.FT.
N.(1) STACK TEMP	1/2" FNPT	WATER CAPACITY	
P.(1) SHUTFORT	1 1/2" PIPE	(FULL) 11,500 Gal	95,720 Lbs
Q.( )		(NW) 8,007 Gal	74,408 Lbs
R.( )		SHIPPING WEIGHT	84,000 Lbs
S.( )		W/O BURNER & REFRACTORY	

LTR	DATE	REVISION	BY	APPROVALS
				X
				JOB NAME
				X
				X

NOTES

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
3. BOILER DESIGN CODE ASME SECTION I
4. BOILER INSULATED WITH 2" - 8# DENSITY MINERAL FIBER INSULATION WITH 24 GAUGE WEATHER PROOF STAINLESS STEEL JACKET.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.

*6. HORSEPOWER & RELATED INFO BASED ON 3.5 SqFt FIRING.

CLEAVER BROOKS BOILER	DRAWN BY M. MATALLAH	DATE 8-31-22	THIS DRAWING IS THE PROPERTY OF CLEAVER BROOKS & SHALL NOT BE REPRODUCED IN PART OR IN WHOLE, & NONE OF ITS INFORMATION SHALL BE DISCLOSED WITHOUT PERMISSION OR TO THE DETRIMENT OF THE OWNER. IT MUST BE RETURNED UPON REQUEST.
WICHITA	10-X-7000-S150-M		
SCALE 1/94	DRAWING No X		