



BOILER CONNECTIONS			QTY	BOILER RATINGS	
A	STEAM OUTLET:	12" 300# FLG	1	NOMINAL BOILER HORSEPOWER	1800 HP
B	LWCO:	1" NPT	4	DESIGN PRESSURE	150 PSIG STEAM
C	BOILER BLOWDOWN:	2" NPT	2	GROSS OUTPUT	60255 MBH
D	SURFACE BLOWDOWN:	1" NPT	2	STEAM OUTPUT (FROM & 212 °F)	62100 LBS/HR
E	SAFTY VALVE:	2" NPT	1	RATED INPUT	75319 MBH
F	SAFTY VALVE:	2" NPT	1	BOILER DATA	
G	MANWAY:	12" x 16"	1	HEATING SURFACE (ASME)	9069 SqFt
H	HANDHOLE:	3" x 4"	5	FURNACE VOLUME	548.44 CuFt
J	CLEANOUT PORT:	18" ID	1	TURNAROUND VOLUME	125.12 CuFt
K	FEEDWATER:	3" NPT	2	STEAMING VOLUME	302.96 CuFt
L	AUXILIARY/VENT:	2" NPT	1	STEAM RELEASE AREA	234.33 SqFt
M	LOW FIRE HOLD:	1" NPT	2	WATER CAPACITY:	
N	STACK TEMP:	1/2" NPT	2	(FULL	12874 Gal @ 107078 Lbs
P	SIGHT PORT:	1" PIPE	1	(NWL)	10607 Gal @ 88228 Lbs
Q	CHEMICAL FEED:	1" NPT	1	SHIPPING WEIGHT:	117,700 Lbs
R	EXTRA CONNECTION:	1 1/2" NPT	1		
S					

5					
4					
3					
2					
1					
REV	BY	DATE	CHK'D	DATE	DESCRIPTION

NOTES
1. VICTORY ENERGY, L.L.C. RESERVES THE RIGHT TO CHANGE DIMENSION DUE TO PRODUCT REVISION OR JOB REQUIREMENTS.
2. PRELIMINARY DIMENSIONS AND MAY BE USED FOR LAYOUT ONLY
3. CONTROLS & PIPING ARE MOUNTED PER SPECIFICATION SHEET
4. BOILER DESIGN CODE ASME SECTION I
5. DIMENSIONS ARE ± 1/2" UNLESS OTHERWISE NOTED
6. BOILER INSULATED WITH 2" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET
7. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING

NOTES
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SCALE	DRAWN BY	DATE	CHECKED BY	DATE	DRAWING NUMBER	BOILER MODEL
1/75	X	X	X	X	VE - XXXX	F3-1800-S150-M

VICTORY ENERGY[®]

FULL STEAM AHEAD!

10701 E. 126th St. North, Collinsville, OK 74021
PHONE: 918-274-0023 FAX: 918-274-0059

FRONTIER[®]
series

REPRESENTATIVE:
XX

PROJECT:
XX