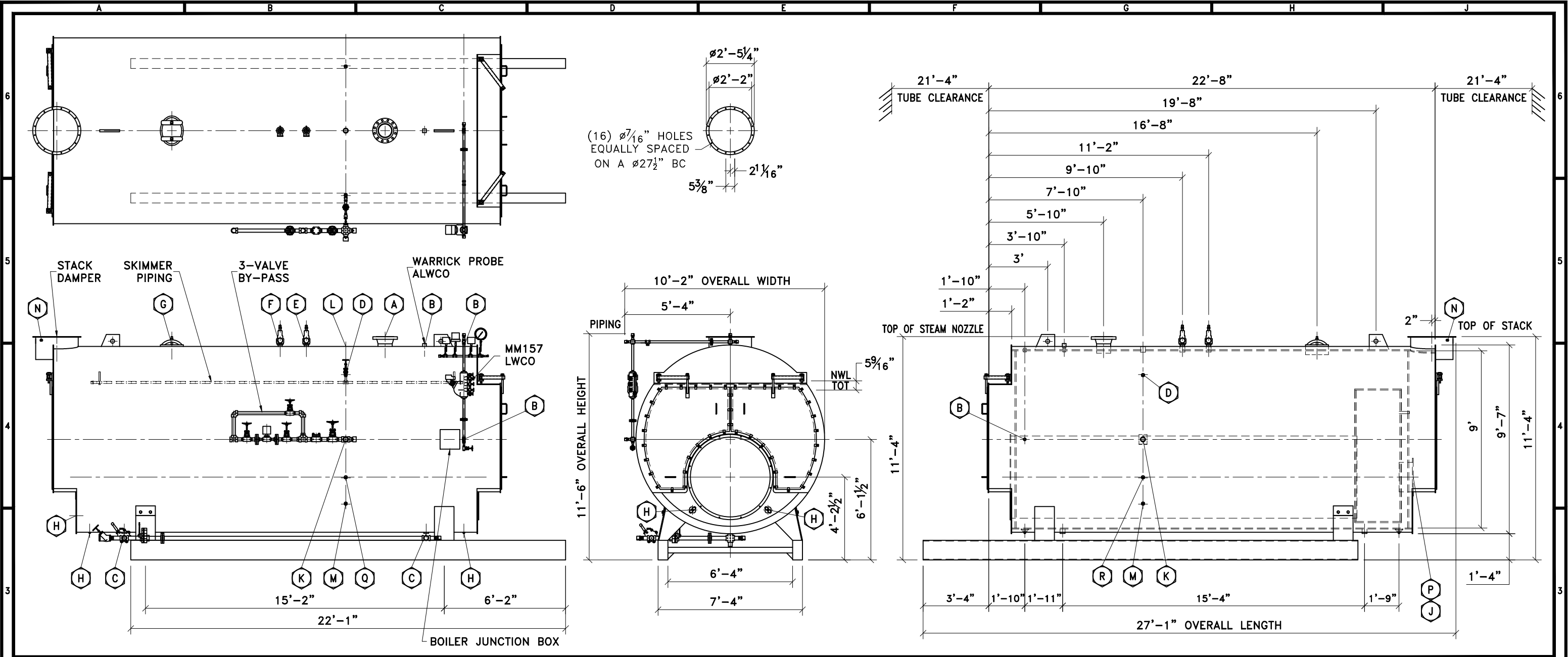




BOILER CONNECTIONS			QTY	BOILER RATINGS	
A	STEAM OUTLET:	8" 300# FLG	1	NOMINAL BOILER HORSEPOWER	800 HP
B	LWCO:	1" NPT	4	DESIGN PRESSURE	150 PSIG STEAM
C	BOILER BLOWDOWN:	2" NPT	2	GROSS OUTPUT	26780 MBH
D	SURFACE BLOWDOWN:	1" NPT	2	STEAM OUTPUT (FROM & 212 °F)	27600 LBS/HR
E	SAFTY VALVE:	2" NPT	1	RATED INPUT	33475 MBH
F	SAFTY VALVE:	2" NPT	1	BOILER DATA	
G	MANWAY:	12" x 16"	1		
H	HANDHOLE:	3" x 4"	5	HEATING SURFACE (ASME)	4032 SqFt
J	CLEANOUT PORT:	18" ID	1	FURNACE VOLUME	219.30 CuFt
K	FEEDWATER:	2" NPT	2	TURNAROUND VOLUME	77.09 CuFt
L	AUXILIARY/VENT:	2" NPT	1	STEAMING VOLUME	140.60 CuFt
M	LOW FIRE HOLD:	1" NPT	2	STEAM RELEASE AREA	133.88 SqFt
N	STACK TEMP:	1/2" NPT	2	WATER CAPACITY:	
P	SIGHT PORT:	1" PIPE	1	(FULL)	5703 Gal @ 47436 Lbs
Q	CHEMICAL FEED:	1" NPT	1	(NWL)	4651 Gal @ 38688 Lbs
R	EXTRA CONNECTION:	1 1/2" NPT	1	SHIPPING WEIGHT:	52,900 Lbs
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
1/60	X	X	X	X	VE - XXXX

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

SCALE	DRAWN BY	DATE	CHECKED BY	DATE	DRAWING NUMBER	BOILER MODEL
1/60	X	X	X	X	VE - XXXX	F3-800-S150-M