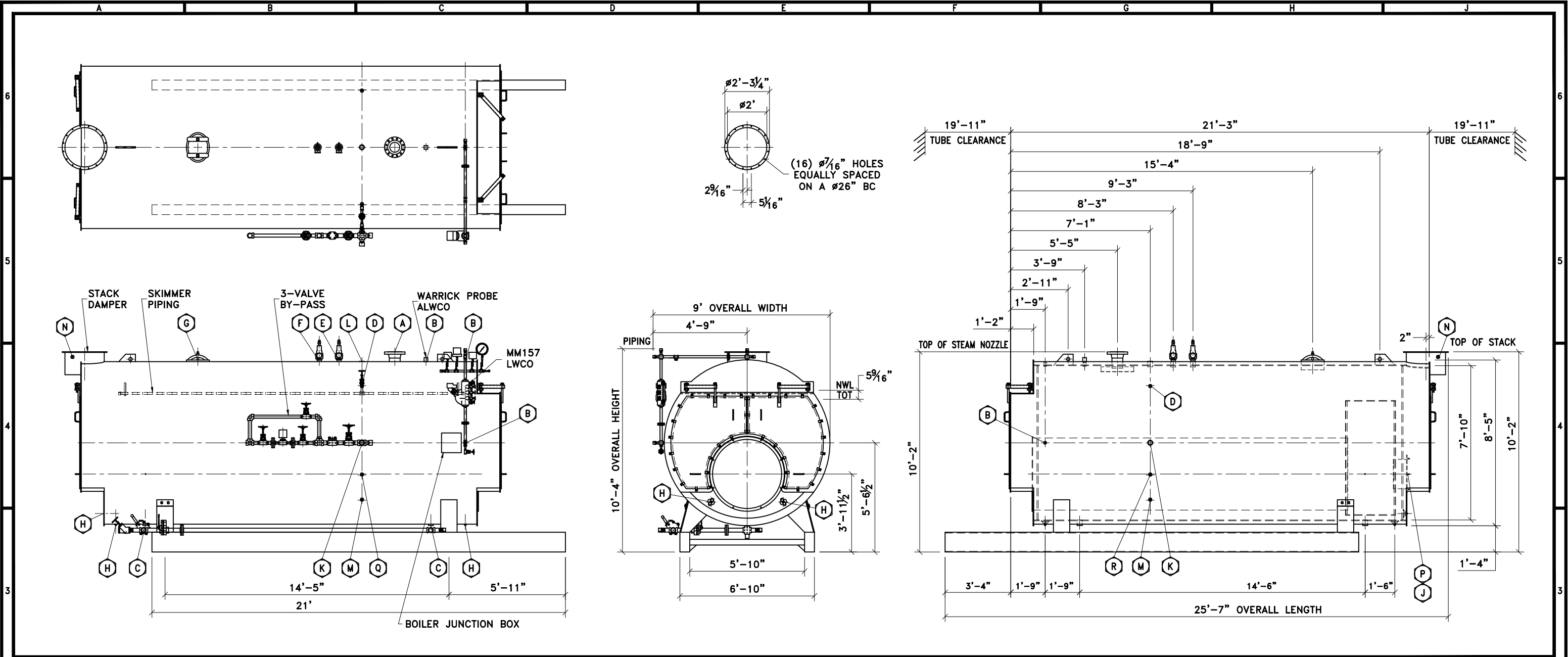




BOILER CONNECTIONS			QTY	BOILER RATINGS	
A	STEAM OUTLET:	6" 300# FLG	1	NOMINAL BOILER HORSEPOWER	500 HP
B	LWCO:	1" NPT	4	DESIGN PRESSURE	150 PSIG STEAM
C	BOILER BLOWDOWN:	1 1/2" NPT	2	GROSS OUTPUT	16738 MBH
D	SURFACE BLOWDOWN:	1" NPT	2	STEAM OUTPUT (FROM & 212 °F)	17250 LBS/HR
E	SAFTY VALVE:	2" NPT	1	RATED INPUT	20922 MBH
F	SAFTY VALVE:	2" NPT	1	BOILER DATA	
G	MANWAY:	12" x 16"	1	HEATING SURFACE (ASME)	2504 SqFt
H	HANDHOLE:	3" x 4"	5	FURNACE VOLUME	154.55 CuFt
J	CLEANOUT PORT:	18" ID	1	TURNAROUND VOLUME	61.67 CuFt
K	FEEDWATER:	2" NPT	2	STEAMING VOLUME	86.59 CuFt
L	AUXILIARY/VENT:	2" NPT	1	STEAM RELEASE AREA	104.27 SqFt
M	LOW FIRE HOLD:	1" NPT	2	WATER CAPACITY:	
N	STACK TEMP:	1/2" NPT	2	(FULL	4072 Gal @ 33872 Lbs
P	SIGHT PORT:	1" PIPE	1	(NWL)	3425 Gal @ 28484 Lbs
Q	CHEMICAL FEED:	1" NPT	1	SHIPPING WEIGHT:	39,300 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
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	F3-500-S150-M