



BOILER CONNECTIONS		RATINGS & CAPACITIES		NOTES		BOILER DESIGN CODE		REPRESENTATIVE:	
A.(1)	STEAM OUTLET 6"-150# FLANGE	HORSEPOWER	80	1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.		ASME SECTION IV		X	
B.(4)	LWCO CONN. 1"	DESIGN PRESSURE	15 P.S.I. STEAM					X	
C.(1)	SAFETY VALVE CONN. 2 1/2"	GROSS OUTPUT	2678 MBH.	2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.				PROJECT:	
D.()	SAFETY VALVE CONN.	STEAM (FROM & AT 212°F)	2760 LB./HR.					X	
E.(1)	BOILER BLOWDOWN CONN. 1 1/2"	HEAT RELEASE	86813 BTU/CU.FT.					X	
F.(1)	SURFACE BLOWDOWN CONN. 1"	RATED INPUT	3348 MBH.						
G.(1)	MANWAY 12" X 16"	HEATING SURFACE (ASME)	410 SQ.FT.						
H.(5)	HANDHOLE 3" X 4"	FURNACE HEATING SURFACE	78.66 SQ.FT.						
I.(1)	CLEANOUT (REAR DOOR) 17" I.D.	FURNACE VOLUME	21.10 CU.FT.						
J.(2)	FEEDWATER CONN. 1 1/4"	TURNAROUND VOLUME	17.57 CU.FT.						
K.(1)	AUX. CONN. 1 1/2"	STEAMING VOLUME	16.24 CU.FT.						
L.(1)	LOW FIRE HOLD CONN. 1/2"	STEAM RELEASE AREA	34.65 SQ.FT.						
M.(1)	STACK CONN. 1/2"	WATER CAPACITY:							
N.()		(FULL)	GAL.1053 LBS.783						
O.()		(NWL)	GAL.932 LBS. 7770						
		SHIPPING WEIGHT:	9,400 LBS						

LTR.	DATE	REVISION	BY

SUPERIOR BOILER WORKS, INC.		
HUTCHINSON, KANSAS		
BOILER MODEL No:	6-5-400-S15-	X
SEMINOLE		
CHECKED BY:	DATE	DRAWING NOT TO SCALE
DRAWN BY: X	DATE X	DWG. No: X