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BOILER DATA	
OPERATING VOLUME (USG)	1450
OPERATING WEIGHT (LBS)	23550
HEAT INPUT (MBH)	5100
OUTPUT (HP)	125

VENT FLANGE DIMENSIONS	
OD	20-1/8
ID	16
B.C.D.	18.5
NO. OF HOLES	8
HOLE DIAMETER	1/2

CONNECTION SCHEDULE				
TAG	DESCRIPTION	CONNECTION		
		SIZE (INCH)	TYPE	RATING
A	CONTROLS	1-1/4	FULL COUPLING	3000#
B	WATER OUTLET	6	SORF FLANGE	150#
C	SURFACE BLOWDOWN	3	FULL COUPLING	3000#
D	MANHOLE	12X16	ELLIPTICAL	
E	SAFETY RELIEF VALVE	2-1/2	FULL COUPLING	3000#
F	REVERSING CHAMBER WASHOUT	3	FULL COUPLING	3000#
G	WATER INLET	6	SORF FLANGE	150#
H	WASHOUTS	3	FULL COUPLING	3000#
J	REAR ACCESS DOOR	20		
K	CONTROLS	3/4	FULL COUPLING	3000#
L	FURNACE INSPECTION	3	FULL COUPLING	3000#
M	TUBE PULL	109		
N	REAR SMOKEBOX CLEARANCE	41		

D

D

C

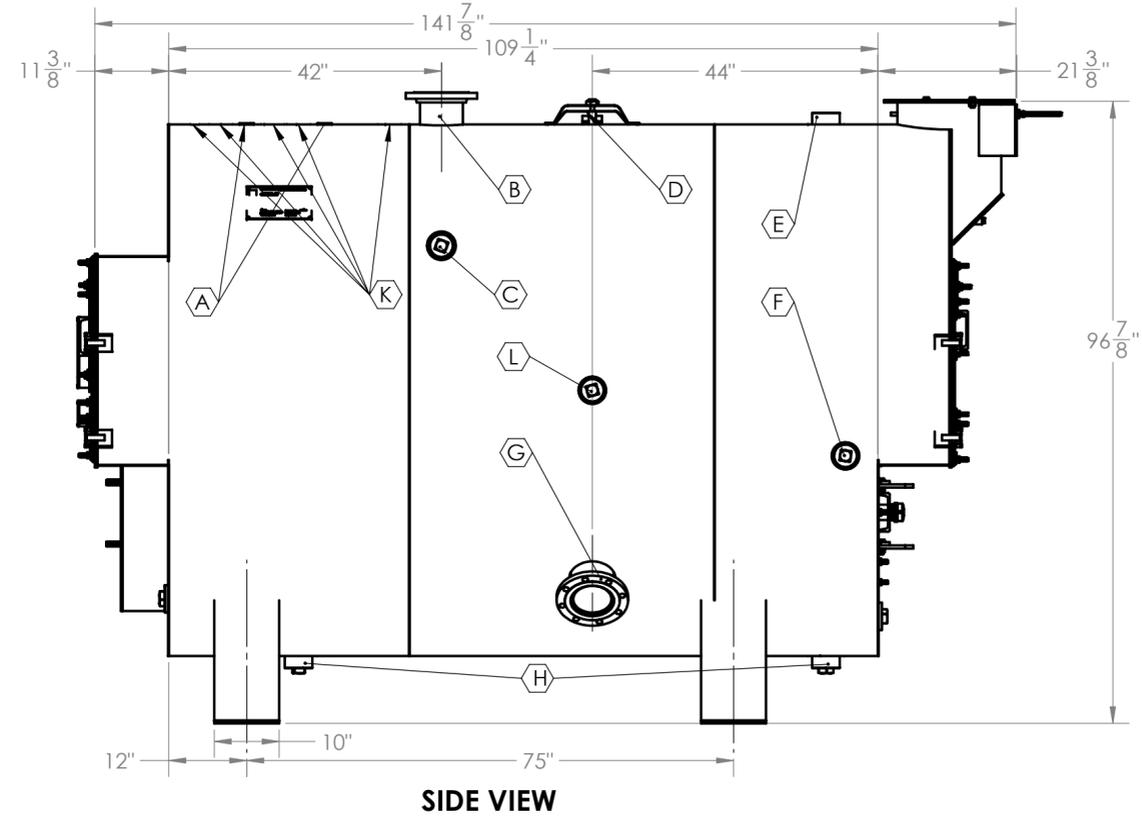
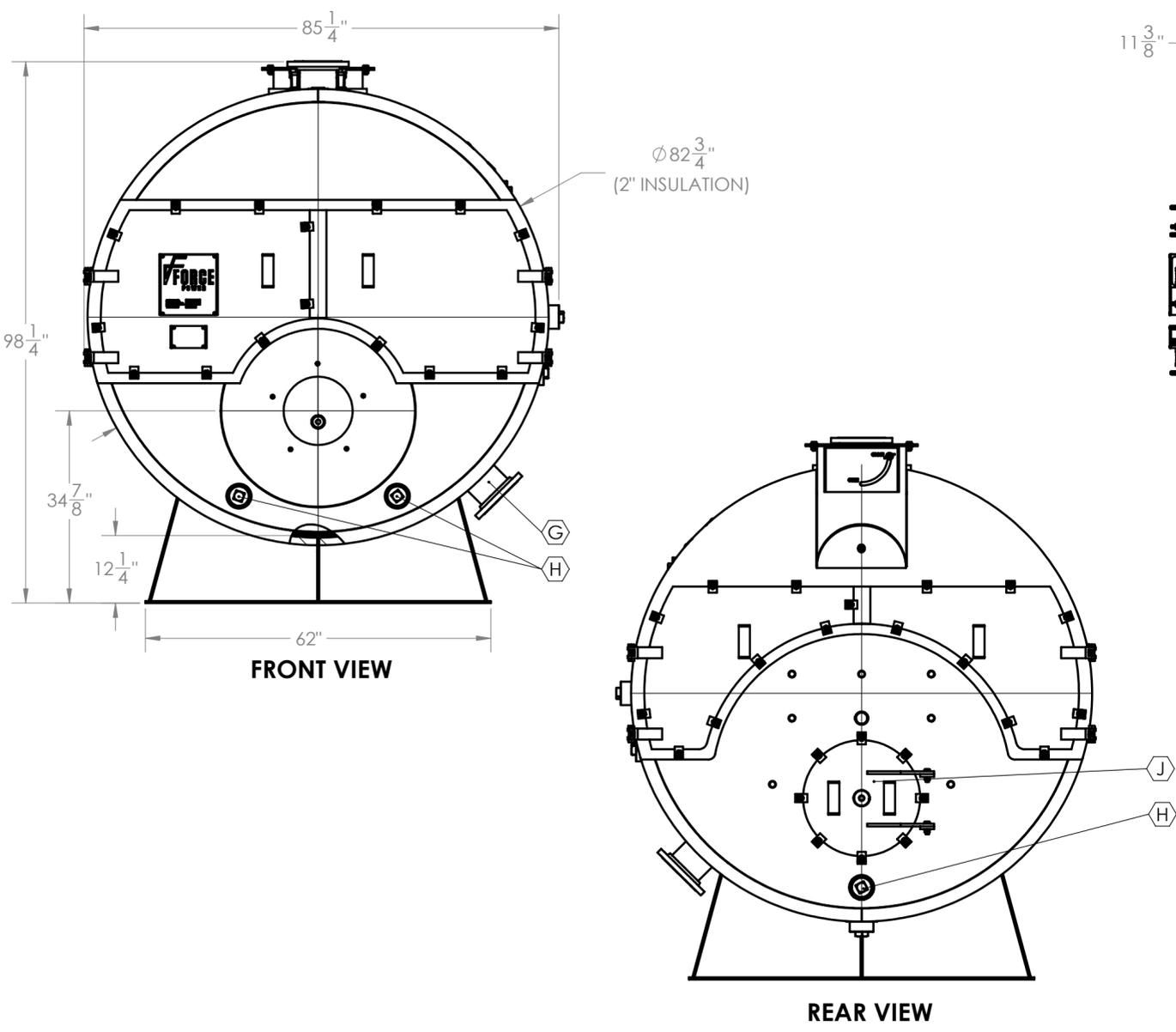
C

B

B

A

A



1. ADEQUATE BOIL OUT PROCEDURES MUST BE IMPLEMENTED BEFORE BOILER PLACED IN SERVICE (SEE OPERATION MANUAL).
2. PROPER WATER TREATMENT PROGRAM IS CRITICAL TO THE OPERATION OF THIS BOILER.
3. WARRANTIES, EXPRESSED OR IMPLIED, WILL BE RENDERED NULL AND VOID IF PROPER WATER TREATMENT PROGRAM IS NOT IMPLEMENTED AND MAINTAINED. CONSULT LOCAL WATER TREATMENT SPECIALISTS FOR DESIGN AND SUPPLY OF REQUIRED WATER TREATMENT SYSTEM
4. ALL DIMENSIONS FOR REFERENCE ONLY.

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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES		DRAWN	NAME	DATE	30 Commerce Park Drive Niskayuna, NY, 12309, USA PH. (518) 377-2349, FAX (518) 344-7495
TOLERANCES: ANGULAR: ±5° .XX: ±.010" .XXX: ±.005" FRACTIONS: ± 1/16"		CHECKED	SR	10/30/2015	
INTERPRET GEOMETRIC TOLERANCING PER: ANSI Y14.5		ENG APPR.			
MATERIAL SEE NOTE 1		MFG APPR.			
FINISH SEE NOTE 3		Q.A.			TITLE: TCS125W Boiler ASSY, 3P-R-FE
APPLICATION DO NOT SCALE DRAWING		COMMENTS:			SIZE DWG. NO. REV C 5012121200 -
					SCALE: 1:48 WEIGHT: 10439.612 SHEET 1 OF 1

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