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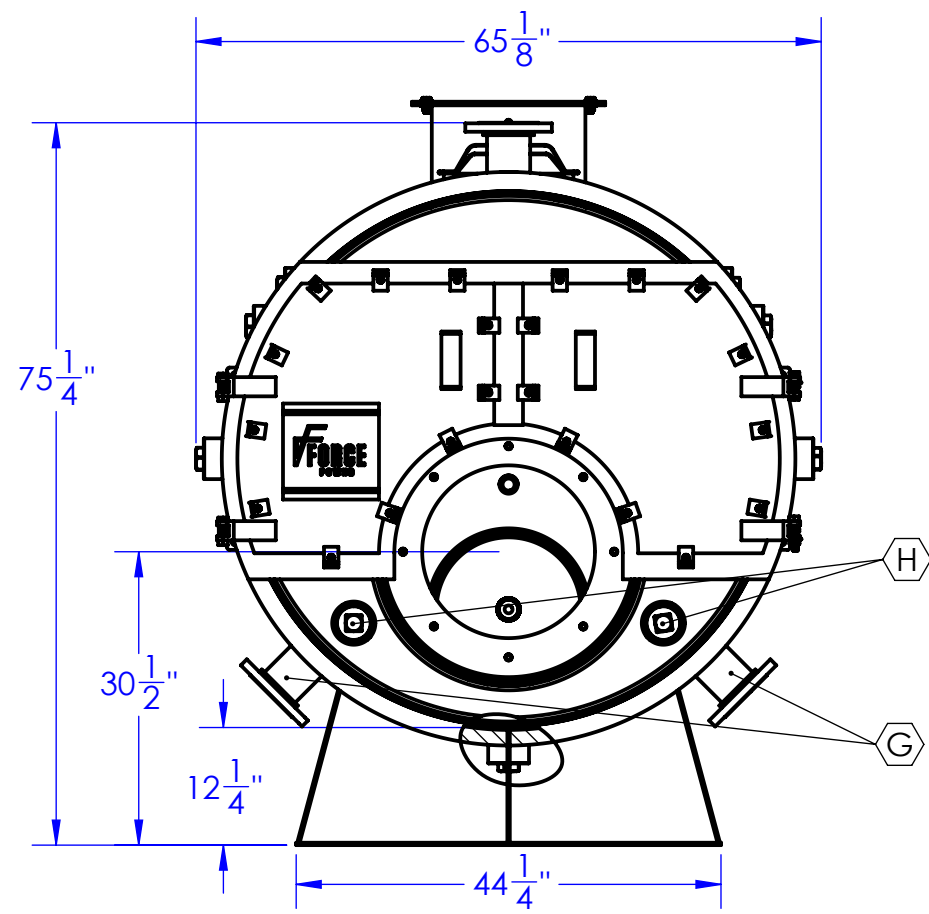
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BOILER DATA	
OPERATING VOLUME (USG)	860
OPERATING WEIGHT (LBS)	15800
HEAT INPUT (MBH)	3270
OUTPUT (HP)	80

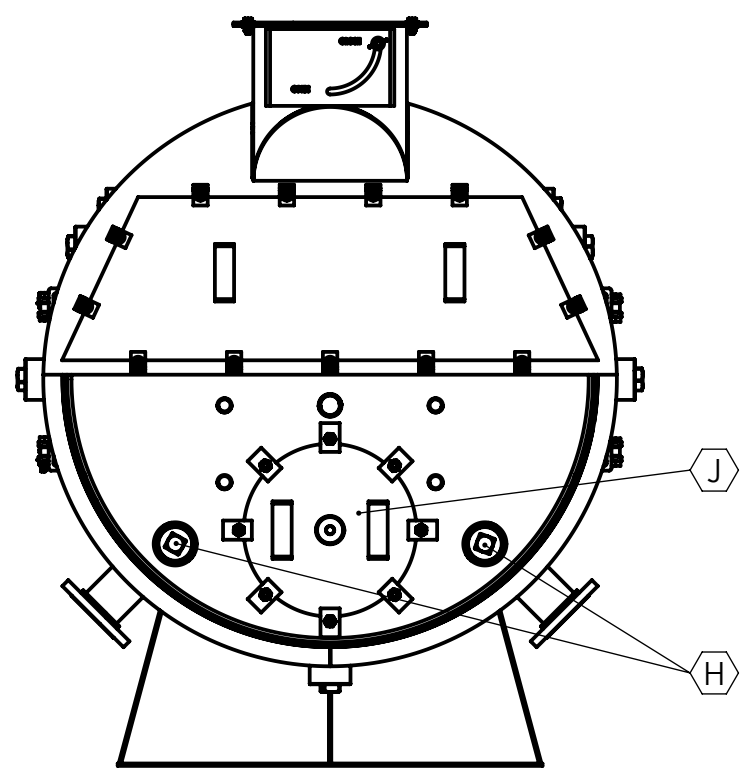
VENT FLANGE DIMENSIONS	
OD	20-1/8
ID	16
B.C.D.	18.5
NO. OF HOLES	8
HOLE DIAMETER	1/2

CONNECTION SCHEDULE				
TAG	DESCRIPTION	CONNECTION		
		SIZE (INCH)	TYPE	RATING
A	CONTROLS	1	FULL COUPLING	3000#
B	WATER SUPPLY, NPS	4	SORF FLANGE	150#
C*	SURFACE BLOWDOWN	3	FULL COUPLING	3000#
D	MANHOLE	12X16	ELLIPTICAL	
E	SAFETY RELIEF VALVE	3	FULL COUPLING	3000#
F*	REVERSING CHAMBER WASHOUT	3	FULL COUPLING	3000#
G*	WATER RETURN, NPS	4	SORF FLANGE	150#
H	WASHOUTS	3	FULL COUPLING	3000#
J	REAR DOOR	16		
K	THERMOSENSOR	1/2	FULL COUPLING	3000#
L*	FURNACE INSPECTION	3	FULL COUPLING	3000#
M	TUBE PULL	155		
N	PRESSURE GAGE	1/2	FULL COUPLING	3000#

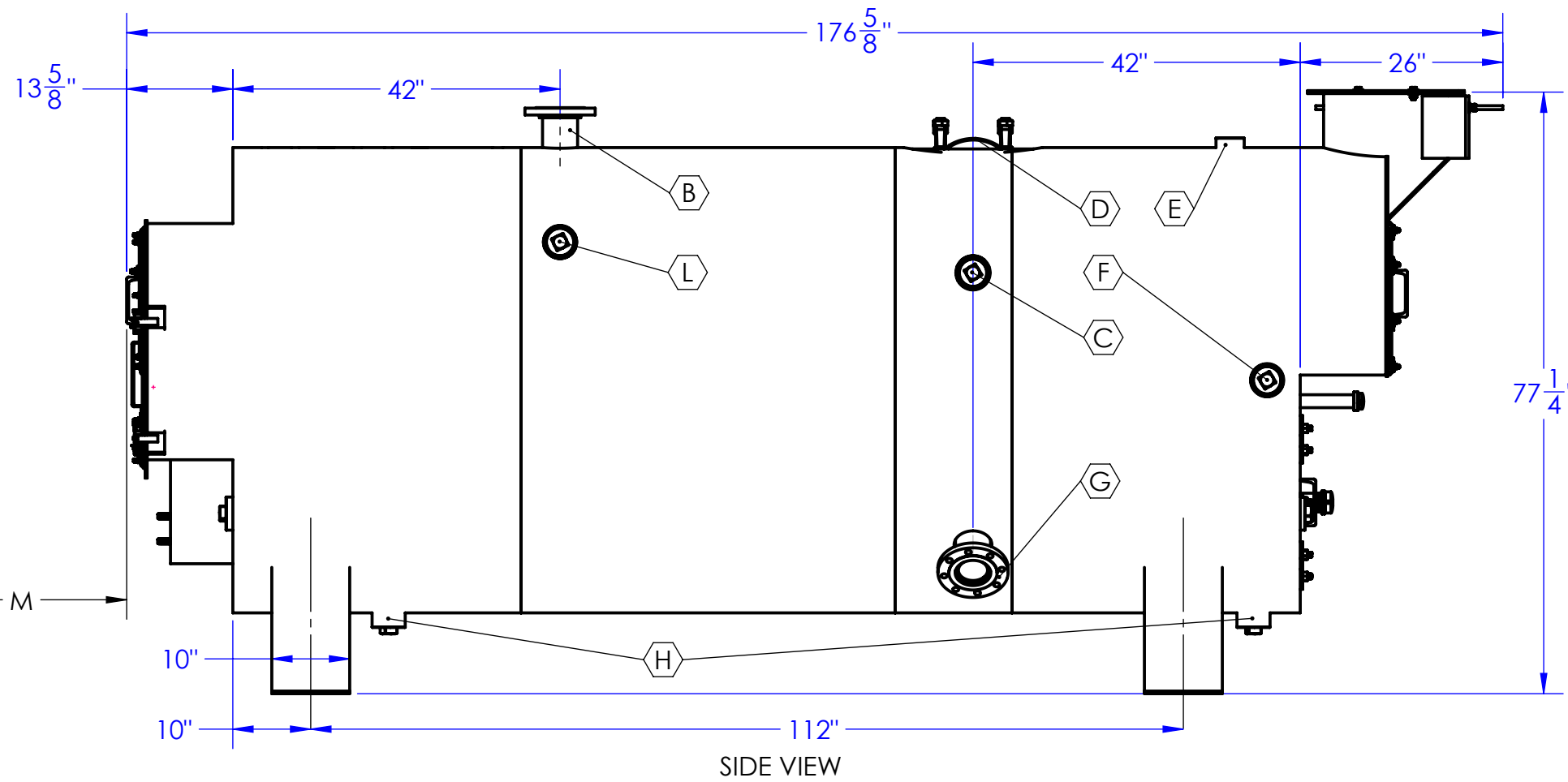
\* - Owner chooses left/right installation



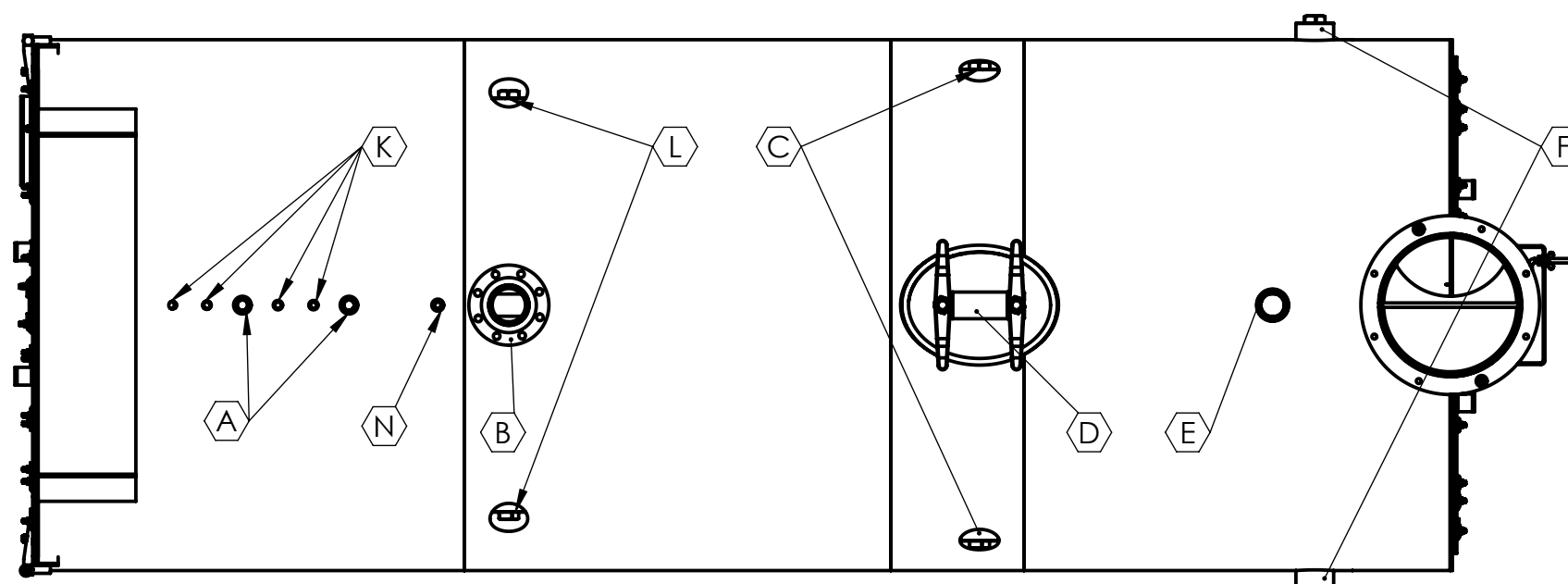
FRONT VIEW



REAR VIEW



SIDE VIEW



TOP VIEW

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:		NAME	DATE
DIMENSIONS ARE IN INCHES		SR	10/30/2015
TOLERANCES:		TITLE:	
ANGULAR: ± 0.25°		TCS-80 Boiler ASSY	
TWO PLACE DECIMAL ± .010"		(3p)	
THREE PLACE DECIMAL ± .005"		SIZE DWG. NO. REV	
SURFACE FINISH		C 50801_SM -	
INTERPRET GEOMETRIC TOLERANCING PER: ANSI Y14.5		SCALE: 1:48 WEIGHT: 9003.320 SHEET 1 OF 1	
MATERIAL SEE NOTE 1		COMMENTS:	
FINISH SEE NOTE 3		APPLICATION	
NEXT ASSY	USED ON	DO NOT SCALE DRAWING	

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 Drawing Name: D:\Working\50801\_3M

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