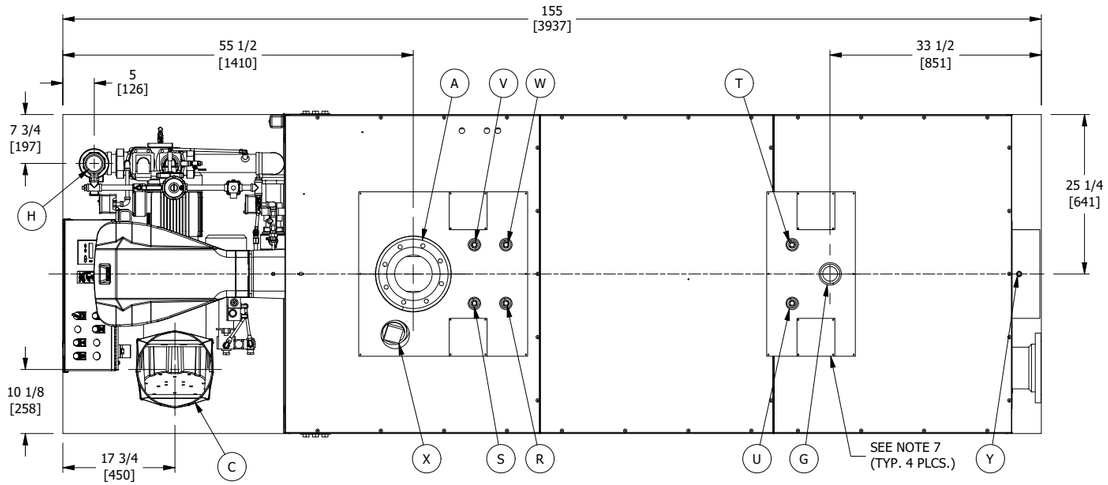
FIELD CONNECTIONS			
ITEM	DESCRIPTION	SIZE	TYPE
A	SUPPLY WATER OUTLET	6"	150# FLG.
B	FLUE GAS EXHAUST OUTLET (O.D.)	14"	-----
C	COMBUSTION AIR INLET (SEE NOTE 4)	12"	-----
D	BOILER DRAIN	2"	N.P.T.
E	FLUE GAS CONDENSATE DRAIN	1"	N.P.T.
F	RETURN WATER INLET	6"	150# FLG.
G	SAFETY RELIEF VALVE CONNECTION (SEE NOTE 3)	2"	N.P.T.
H	NATURAL GAS OR PROPANE INLET	2 1/2"	N.P.T.
J	ELECTRICAL CONNECTION	----	----
K	OIL SUPPLY	1/2"	N.P.T.
L	OIL RETURN	1/2"	N.P.T.

NOTES:

1. FRONT ACCESS DOOR REQUIRES A 24" [610mm] RADIUS SWING HINGED AT LEFT SIDE OF THE FRONT PANEL. FRONT CLEARANCE MINIMUM IS 36" [914mm]. REAR AND TOP CLEARANCE MINIMUM IS 24" [610mm]. SIDE CLEARANCE MINIMUM IS 1" [25mm].
2. THE PRESSURE VESSEL IS BUILT TO COMPLY WITH ASME SECTION IV.
3. APPROPRIATE SAFETY RELIEF VALVE IS DETERMINED BY TRIM PRESSURE & IS SUPPLIED IN THE TRIM KIT FOR FIELD INSTALLATION. INLET & OUTLET ARE NPT AND SIZES ARE AS FOLLOWS:

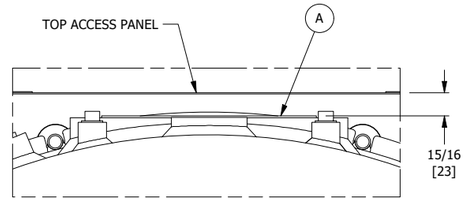
   60# - 1 1/2" INLET x 2" OUTLET
   100# - 1 1/4" INLET x 1 1/2" OUTLET
   125# - 1 1/4" INLET x 1 1/2" OUTLET
   160# - 1" INLET x 1 1/4" OUTLET

4. 12" x 12" [305mm x 305mm] RUBBER COUPLING SUPPLIED IN TRIM KIT TO BE INSTALLED BY OTHERS.
5. FOR ACCESS TO REAR INSPECTION OPENING & ASME STAMPING AREA, BACK COVER PANEL MUST BE REMOVED.
6. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS] & ARE FOR REFERENCE ONLY. THIS DRAWING IS NOT FOR CONSTRUCTION PURPOSES. DRY CENTER OF GRAVITY IS ESTIMATED USING THE CAD MODEL.
7. PLATES MUST BE REMOVED TO ACCESS LIFTING EYES.

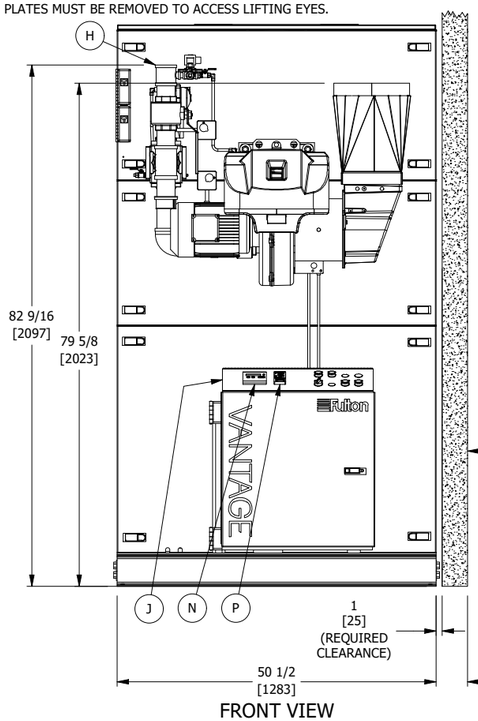


TOP VIEW

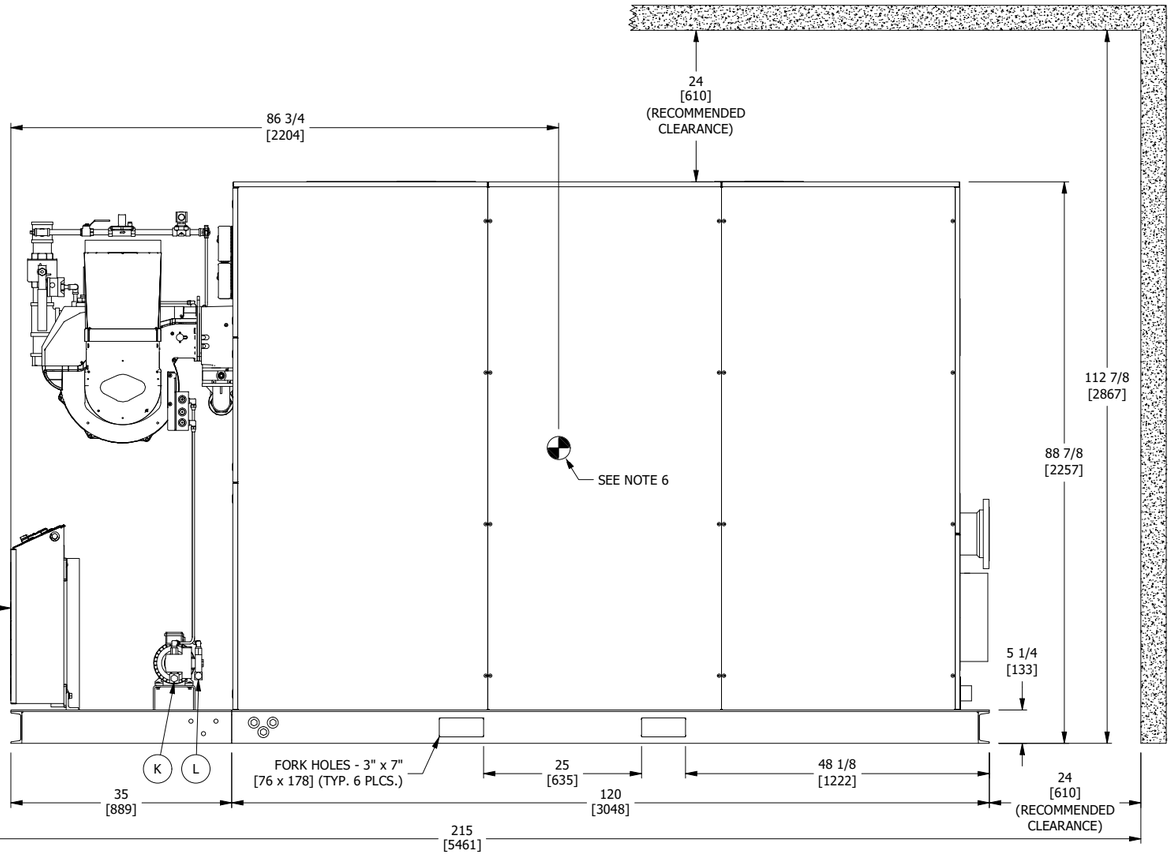
CALLOUTS			
ITEM	DESCRIPTION	SIZE	TYPE
M	ASME STAMPING AREA (SEE NOTE 5)	----	----
N	CONTROL DISPLAY	----	----
P	TEMPERATURE CONTROL	----	----
R	HIGH LIMIT AQUASTAT (MANUAL RESET)	1/2"	N.P.T.
S	OPERATING AQUASTAT	1/2"	N.P.T.
T	LOW WATER PROBE	1/2"	N.P.T.
U	(OPTIONAL) SECOND LOW WATER PROBE CONNECTION	1/2"	N.P.T.
V	OPERATING TEMPERATURE SENSOR	1/2"	N.P.T.
W	AUXILIARY CONNECTION	1/2"	N.P.T.
X	INSPECTION ACCESS (SEE NOTE 5)	3"	N.P.T.
Y	COMBUSTION ANALYSIS PORT	1/4"	N.P.T.



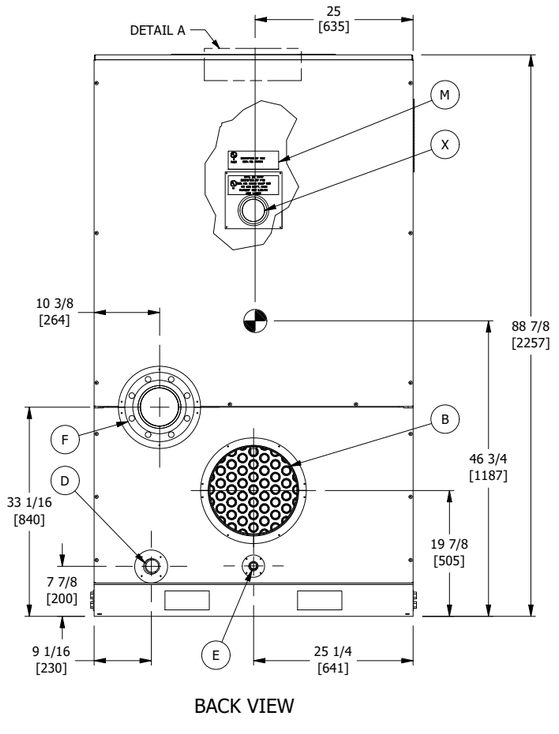
DETAIL A
(HOT WATER OUTLET)



FRONT VIEW



RIGHT SIDE VIEW



BACK VIEW

REV	REVISION DESCRIPTION	CHECKED	BOM/PLANT	MECH/ELEC	ASME	APPROVED
D	UPDATED BURNER AND GRAPHICS. T.J.K. - 6/3/2022	N/A	N/A	A.R.P. 6/6/22	N/A	K.D.B. 6/7/22

REVISION HISTORY

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The items shown in this drawing may be covered by one or more patents of The Fulton Companies.

THIRD ANGLE PROJECTION

DRAWN BY: B. PALMER	1/19/2016	MECHANICAL / ELECTRICAL REVIEW: S.M.T.	3/31/2016	JOB NUMBER:	
CHECKED BY: K.D.B.	4/1/2016	ASME REVIEW: N / A		PROJECT NAME:	
B.O.M. / PLANT REVIEW: N / A		APPROVED BY: D. McNitt	3/31/2016	PROJECT MANAGER:	

DESCRIPTION:
VANTAGE VTG-6000DF (GAS/#2 OIL)
CONDENSING HYDRONIC BOILER END ASSEMBLY

SHEET 1 OF 1

Fulton

DRAWING NUMBER
7-91-003061-PDS

REVISION
D