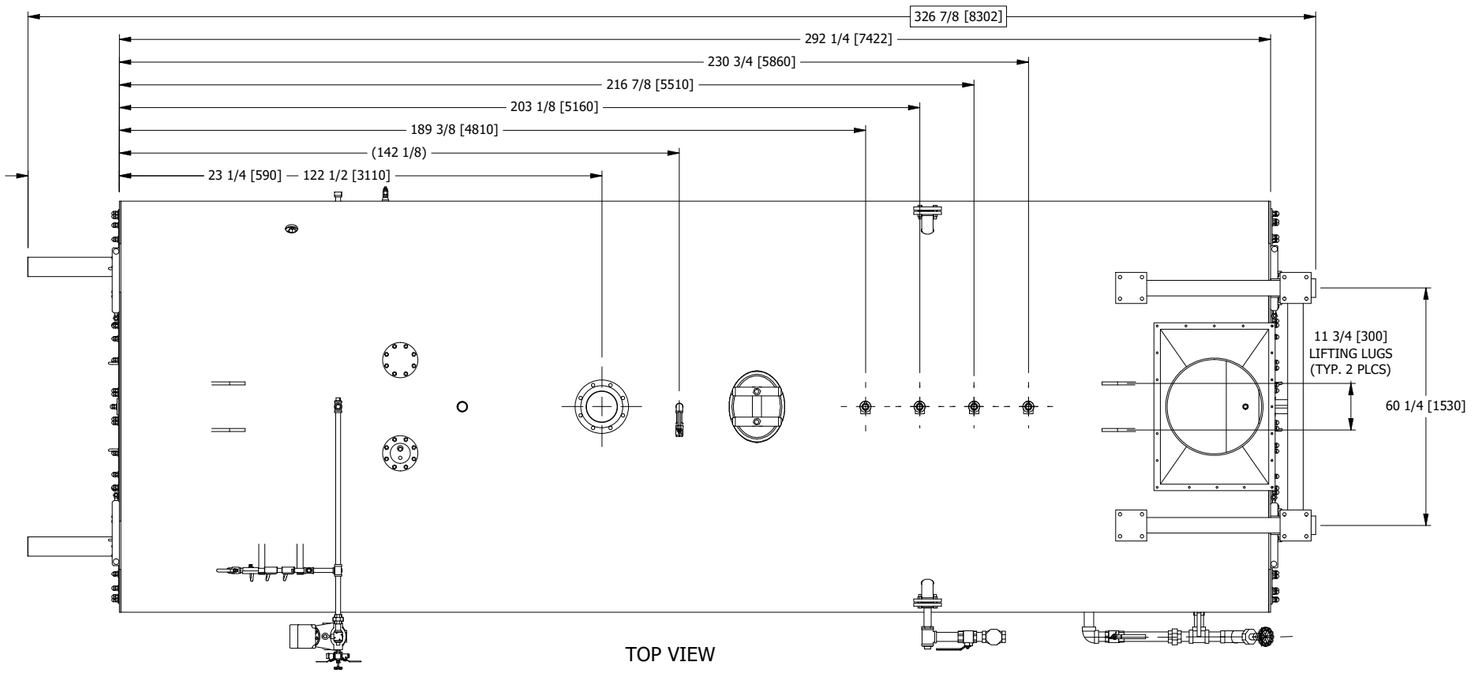
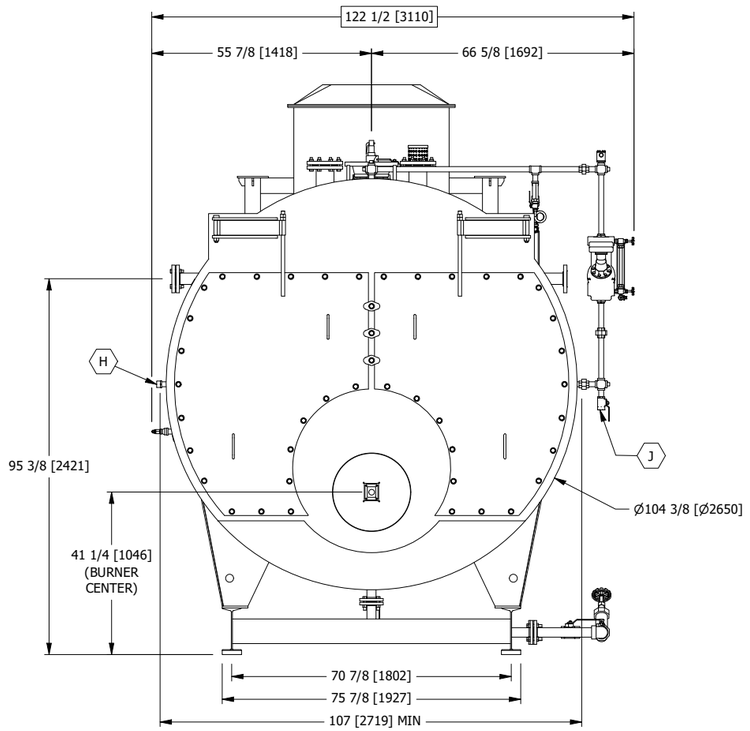
EQUIPMENT SPECIFICATION CHART	
BOILER HP:	800 HP
BOILER OUTPUT:	26,780,000 BTU/HR
BOILER STEAM OUTPUT:	27,528 LB/HR [12,486 KG/HR]
APPROXIMATE SHIPPING WEIGHT:	56,427 LBS. [25,595 KG]
APPROXIMATE FLOODED WEIGHT:	98,077 LBS. [44,487 KG]
NET EFFECTIVE HEATING SURFACE:	3,767 FT² [350 M²]
WATER CAPACITY (OPERATING):	4,211 GAL [15,940 LTR]
FUEL USAGE AT RATED INPUT (NG):	32,662 SCFH [924.9 M³/HR]
FUEL USAGE AT RATED INPUT (#2 OIL):	230.5 GPH [872.2 LTR/HR]

NOTES:
1. STEAM OUTPUT LB/HR: FROM 0 PSIG AT 212°F [0 KG/CM² AT 100°C]
2. COMPONENTS IN TRIM KIT TO BE SHIPPED SEPARATELY.
3. THIS DRAWING IS NOT FOR CONSTRUCTION. ALL INFORMATION SHOWN IS FOR REFERENCE ONLY. BURNER IS NOT SHOWN AND INFORMATION IS SUBJECT TO CHANGE AFTER RECEIPT OF A PURCHASE ORDER AND COMPLETION OF PROJECT ENGINEERING AND DRAFTING.
4. DIMENSIONS INSIDE ( ) DENOTE REFERENCE DIMENSIONS.
5. DIMENSIONS INSIDE □ DENOTE OVERALL DIMENSIONS.
6. THE FLUE/ECONOMIZER BRACKET CAN SUPPORT 5,000 LBS AS STANDARD. [2,270 KG]

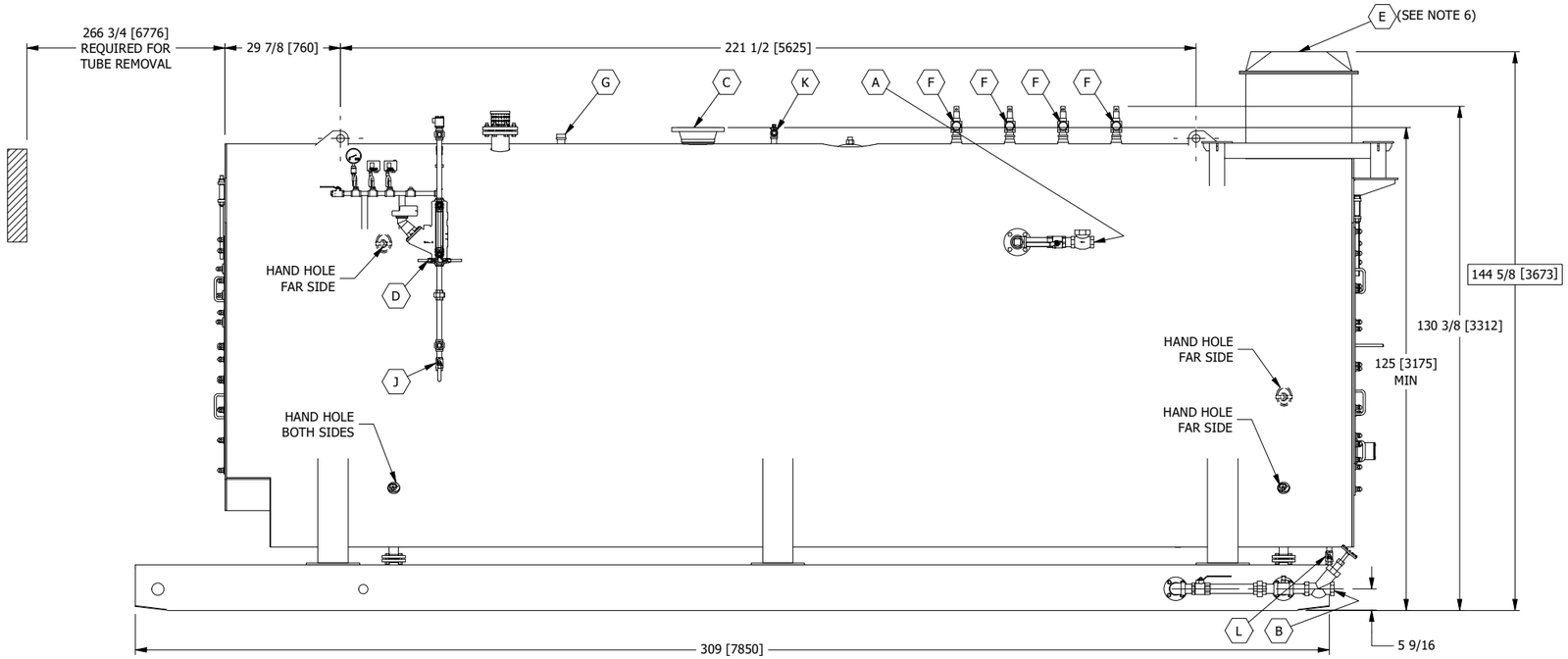
CUSTOMER CONNECTIONS (TYPICAL)			
ITEM	DESCRIPTION	SIZE	TYPE
A	FEEDWATER INLET	2 1/2"	N.P.T.
B	BLOWDOWN OUTLET	2"	N.P.T.
C	MAIN STEAM OUTLET	8"	150#
D	SIGHTGLASS WATER SAMPLE	1/4"	N.P.T.
E	FLUE	24"	- - -
F	SAFETY RELIEF VALVE OUTLET (4X)	2"	N.P.T.
G	AUXILIARY STEAM OUTLET (CAPPED)	1/2"	N.P.T.
H	AUXILIARY WATER COLUMN (CAPPED)	1"	N.P.T.
J	WATER COLUMN DRAIN	1"	N.P.T.
K	SURFACE BLOWDOWN	1"	N.P.T.
L	SMOKE BOX DRAIN	1"	N.P.T.



TOP VIEW



FRONT VIEW



RIGHT SIDE VIEW

REV	REVISION DESCRIPTION	CHECKED	B.O.M.	MECH. ENG	ELEC. ENG	APPROVED
-	INITIAL RELEASE	-	-	-	-	-

REVISION HISTORY

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES

TOLERANCES	INCH	[METRIC]
FRACTION & WHOLE VALUE	± 1/8	± 3mm
(1) PLACE DEC.	± 0.03	± 0.7mm
(2) PLACE DEC.	± 0.015	± 0.38mm
(3) PLACE DEC.	± 0.005	± 0.12mm
ANGLE	± 0.50DEG	± 0.5 DEG
SURFACE FINISH	250 MICRO-INCHES	6.35 MICRO-METERS

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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: K. KIRK 11/29/2023	MECHANICAL REVIEW: N/A	JOB NUMBER:	DESCRIPTION: STOCK THREE PASS FBS-800 HORIZONTAL BOILER (150PSI/ 10KG/CM² TRIM)
CHECKED BY: N/A	ELECTRICAL REVIEW: N/A	PROJECT NAME:	
B.O.M. REVIEW: N/A	APPROVED BY: N/A	PROJECT MANAGER:	SHEET 1 OF 1

Fulton Thermal Corporation

DRAWING NUMBER: 6-91-BH0800 - PDS

REVISION: -