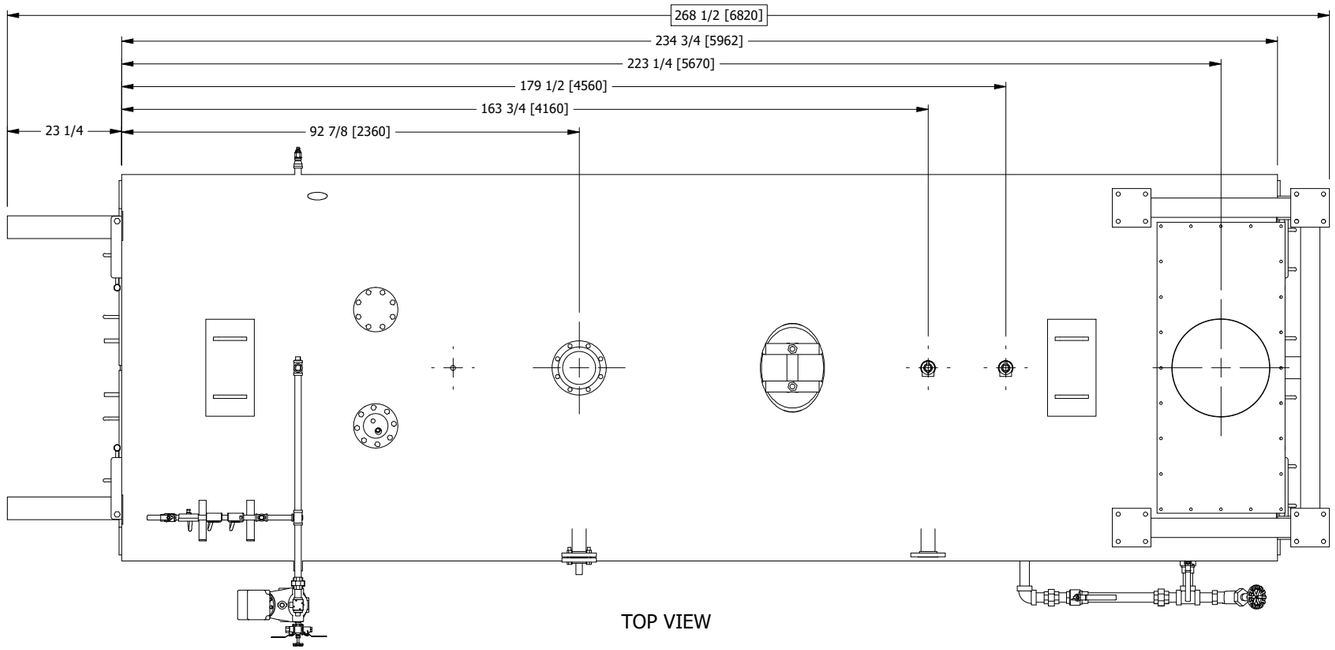
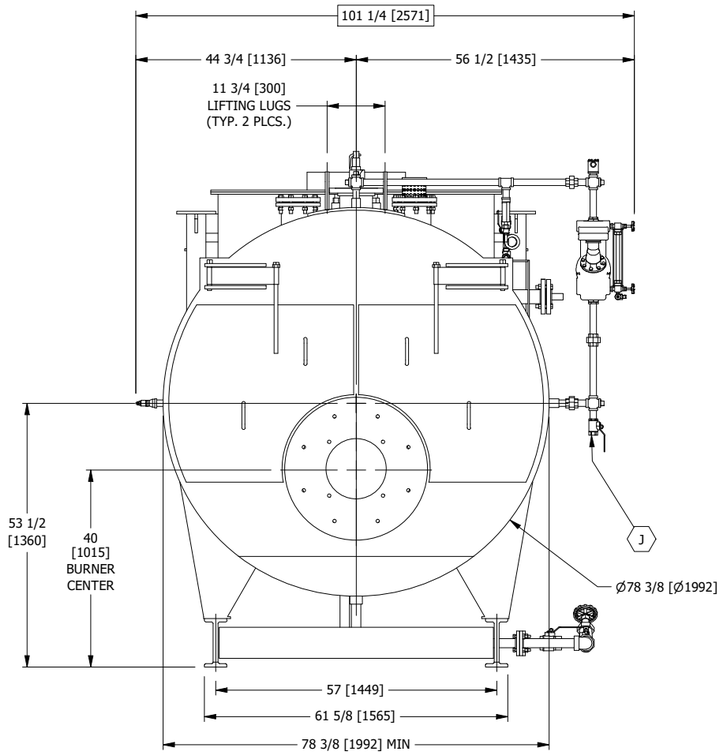
EQUIPMENT SPECIFICATION CHART	
BOILER HP:	300 HP
BOILER OUTPUT:	10,043,700 BTU/HR
BOILER STEAM OUTPUT:	10,350 LB/HR [4,695 KG/HR]
APPROXIMATE SHIPPING WEIGHT:	28,880 LBS. [13,100 KG]
APPROXIMATE FLOODED WEIGHT:	38,400 LBS. [17,420 KG]
NET EFFECTIVE HEATING SURFACE:	1,500 FT² [140 M²]
WATER CONTENT:	1,805 GAL [6,833 LTR]
FUEL USAGE AT RATED INPUT (NG):	12,248 SCFH [346.8 M³/HR]
FUEL USAGE AT RATED INPUT (#2 OIL):	85.9 GPH [352.2 LTR/HR]

CUSTOMER CONNECTIONS (TYPICAL)			
ITEM	DESCRIPTION	SIZE	TYPE
A	FEEDWATER INLET	1 1/2"	N.P.T.
B	BLOWDOWN OUTLET	1 1/2"	N.P.T.
C	MAIN STEAM OUTLET	6"	150#
D	SIGHTGLASS WATER SAMPLE	1/4"	N.P.T.
E	FLUE	20"	- - -
F	SAFETY RELIEF VALVE OUTLET (2X)	2"	N.P.T.
G	AUXILIARY STEAM OUTLET (CAPPED)	1/2"	N.P.T.
J	WATER COLUMN DRAIN	1"	N.P.T.
K	SURFACE BLOWDOWN (CAPPED)	1/2"	N.P.T.
L	SMOKE BOX DRAIN (PLUGGED)	1"	N.P.T.

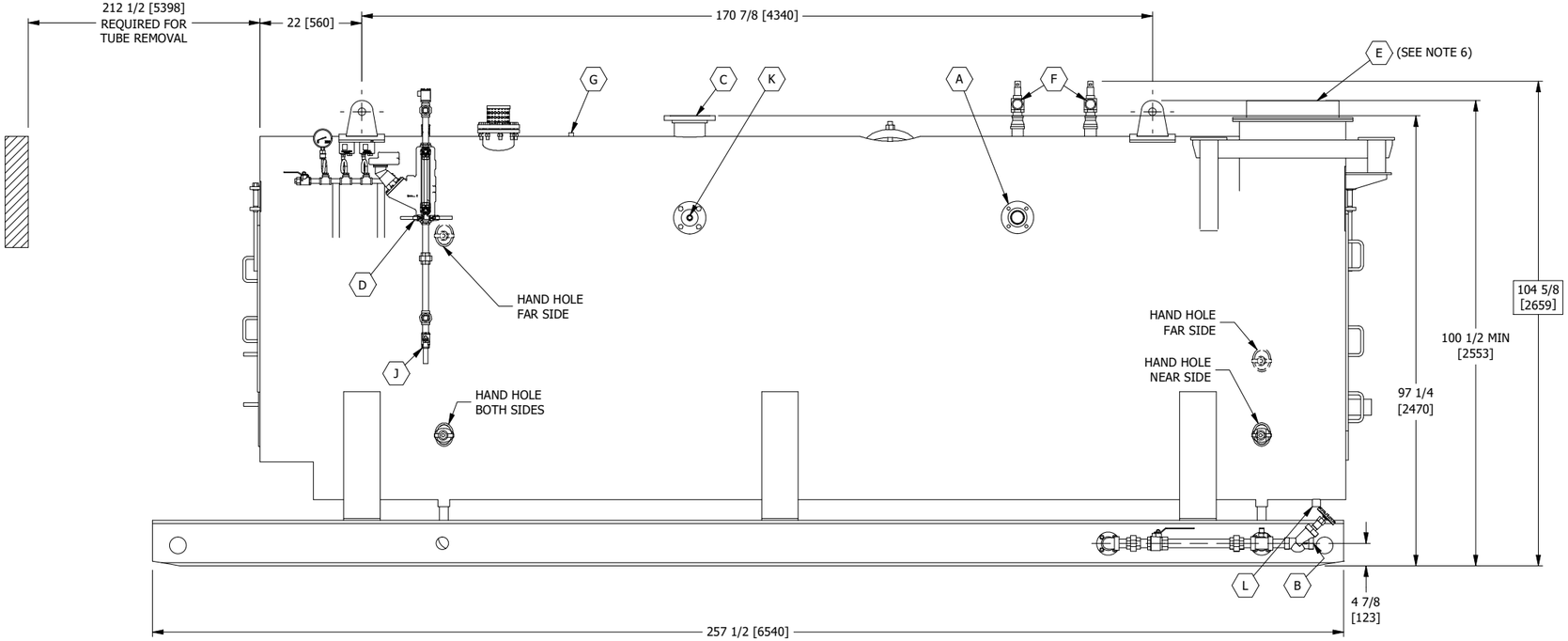
NOTES:
1. STEAM OUTPUT LB/HR: FROM 0 PSIG AT 212°F [0 KG/CM² AT 100°C]
2. COMPONENTS IN TRIM KIT TO BE SHIPPED SEPARATELY.
3. ALL DIMENSIONS FOR LAYOUT PURPOSES ONLY. CONSULT FACTORY TO CONFIRM DIMENSIONS TO MOST CURRENT APPROVED DRAWING.
4. DIMENSIONS INSIDE ( ) DENOTE REFERENCE DIMENSIONS.
5. DIMENSIONS INSIDE □ DENOTE OVERALL DIMENSIONS.
6. THE FLUE/ECONOMIZER BRACKET CAN SUPPORT 3,000 LBS. AS STANDARD. [1,360 KG]



TOP VIEW



FRONT VIEW



RIGHT SIDE VIEW

REV	REVISION DESCRIPTION	CHECKED	BOM/PLANT	MECH/ELEC	ASME	APPROVED
-	INITIAL RELEASE	-	-	-	-	-

REVISION HISTORY

UNLESS OTHERWISE NOTED DIMENSIONS ARE DUAL DIMENSIONED

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	± 0.5DEG	± 0.5 DEG

SURFACE FINISH 250 MICRO-INCHES — SURFACE FINISH 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: J. SHEPARD 3/22/2021	MECHANICAL / ELECTRICAL REVIEW: N/A	JOB NUMBER:
CHECKED BY: T.K. 10/5/2021	ASME REVIEW: N/A	PROJECT NAME:
B.O.M. / PLANT REVIEW: N/A	APPROVED BY: J.P. 10/7/2021	PROJECT MANAGER:

DESCRIPTION:
STOCK FBS-300 HORIZONTAL BOILER
(150 PSI / 10.55 KG/CM² TRIM)

SHEET 1 OF 1

Fulton

DRAWING NUMBER
9-FBS-300

REVISION
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