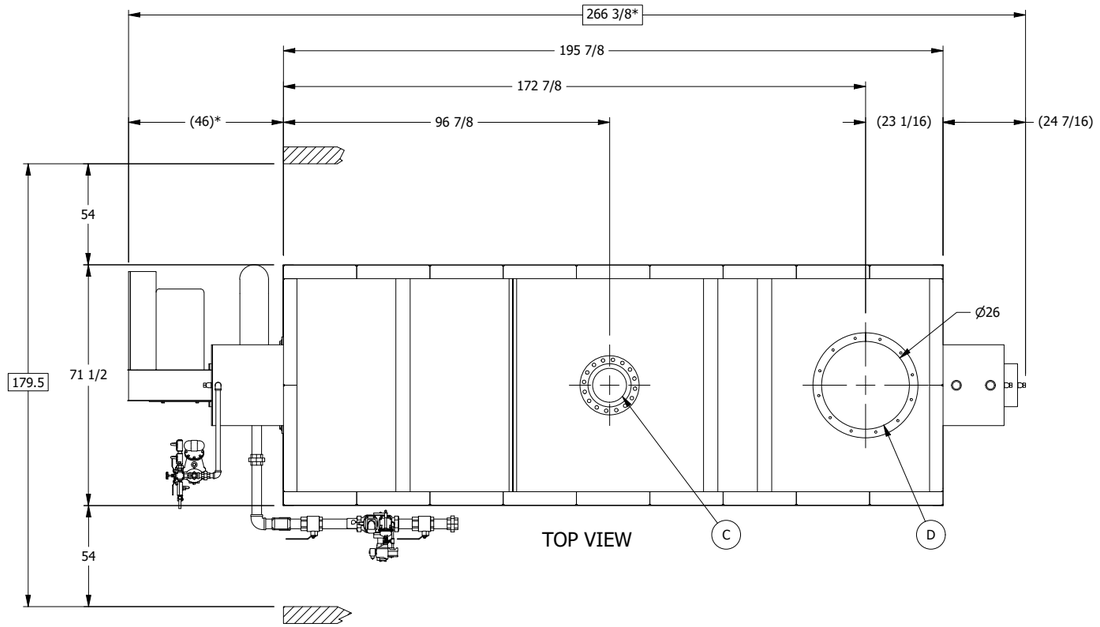
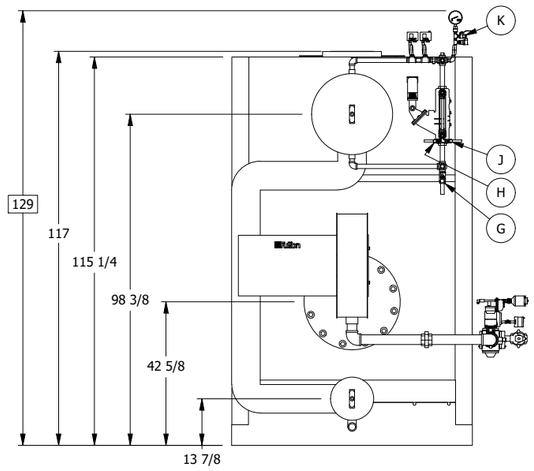


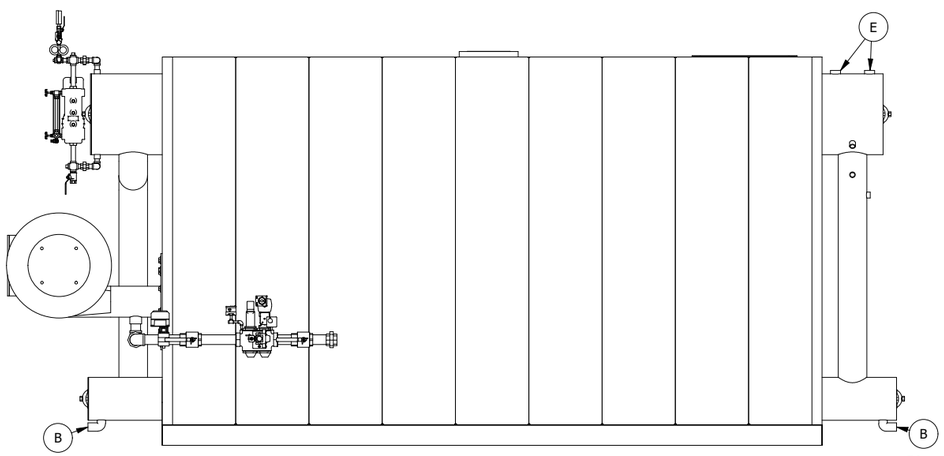
TOP VIEW

CUSTOMER CONNECTIONS			
ITEM	DESCRIPTION	SIZE	TYPE
A	FEED WATER INLET	2.5"	N.P.T.
B	BLOWDOWN OUTLET (2X)	2"	N.P.T.
C	STEAM OUTLET	10"	300#
D	EXHAUST STACK	26"	- - -
E	SAFETY RELIEF VALVE (2X)	APPLICATION SPECIFIC	N.P.T.
F	FUEL INLET	APPLICATION SPECIFIC	N.P.T.
G	WATER COLUMN DRAIN	1"	N.P.T.
H	SIGHT GLASS DRAIN	1/4"	N.P.T.
J	WATER SAMPLE PORT	1/4"	N.P.T.
K	STEAM SAMPLE PORT	1/4"	N.P.T.
L	SURFACE BLOWDOWN	1"	N.P.T.
M	CHEMICAL FEED	1"	N.P.T.

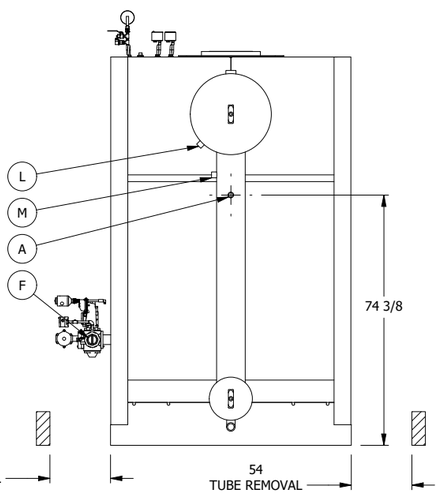
EQUIPMENT SPECIFICATION CHART	
BOILER INPUT:	20,670,000 BTU/HR
BOILER OUTPUT:	17,156,000 BTU/HR
STEAM OUTPUT/MIN. SRV CAPACITY:	17670 LBS/HR
APPX. BOILER HP:	512 HP
APPX. SHIPPING WEIGHT:	25100 LBS
APPX. OPERATING WEIGHT:	29555 LBS
WATER CAPACITY (OPERATING):	535 GAL.



FRONT VIEW



SIDE VIEW



BACK VIEW

NOTES:

1. STEAM OUTPUT LB/HR: FROM 0 PSIG AT 212°F (0 KG/CM² AT 100°C)
2. ALL CLEARANCES ARE FACTORY RECOMMENDATIONS. CONSULT LOCAL JURISDICTION FOR EXACT CODE COMPLIANCE.
3. FULTON RECOMMENDS 36" IN FRONT OF ELECTRICAL PANELS, 18" CLEARANCE BETWEEN INSPECTION OPENINGS OF ALL BOILERS, 18" CLEARANCE OF HANDHOLES, 14" FROM EXHAUST STACK, AND 54" FOR TUBE REMOVAL CLEARANCE.
4. PLEASE REFER TO THE O&M MANUAL FOR ADDITIONAL INFORMATION REGARDING CLEARANCES AND INSTALLATION INSTRUCTIONS.
5. ALL DIMENSIONS INSIDE ( ) DENOTE REFERENCE DIMENSIONS.
6. ALL DIMENSIONS INSIDE □ DENOTE OVERALL DIMENSIONS.
7. WE RESERVE THE RIGHT TO CHANGE SPECIFICATIONS AND/OR DIMENSIONS. ALL INFORMATION IS SUBJECT TO CHANGE BASED ON ADDITION OF ANY OPTIONAL EQUIPMENT AND/OR ACCESSORIES. PLEASE CONSULT THE FACTORY FOR PROJECT SPECIFIC ESTIMATES IF ADDITIONAL OPTIONS OR ACCESSORIES ARE REQUIRED.
8. *OVERALL SIZE, CONNECTION SIZES, OR CONNECTION LOCATION MAY VARY BASED ON APPLICATION. CONTACT FACTORY FOR ADDITIONAL INFORMATION.

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

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

This design and drawings are proprietary and are the exclusive property of The Fulton Companies. The corporation does not permit their use except with prior written consent.

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

THIRD ANGLE PROJECTION

DRAWN BY: T. KENNEDY 4/4/2022	MECHANICAL / ELECTRICAL REVIEW:	JOB NUMBER:
CHECKED BY:	ASME REVIEW:	PROJECT NAME:
B.O.M. / PLANT REVIEW:	APPROVED BY: E.B.W. 4/7/22	PROJECT MANAGER:

DESCRIPTION:
FB-2000-X-LP FLEXIBLE WATERTUBE LOW PRESSURE STEAM BOILER (512 HP)

SHEET 1 OF 1

Fulton

DRAWING NUMBER: FB-2000-X-LP

REVISION: -