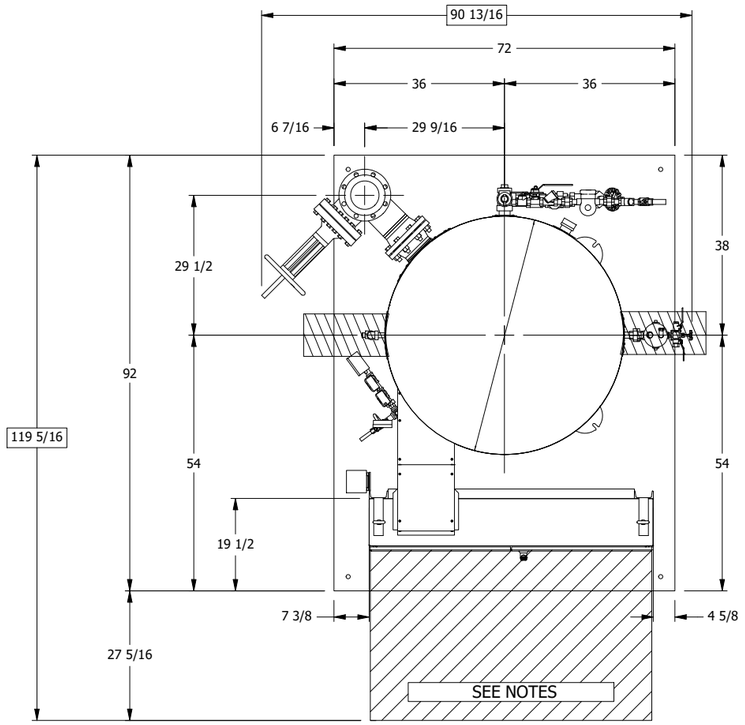


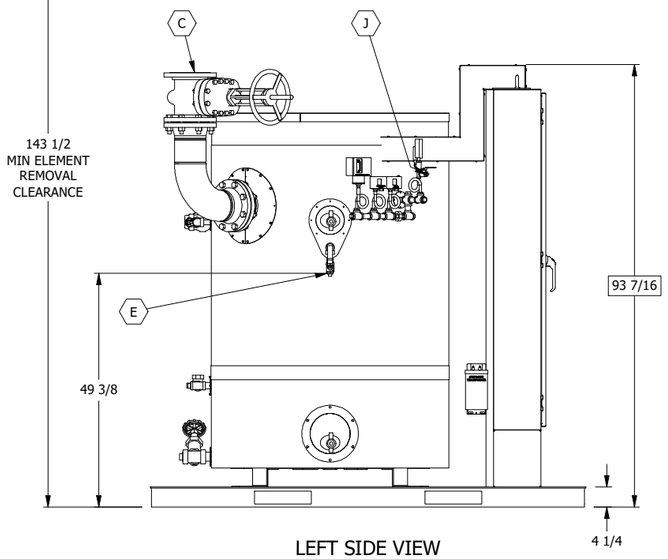
TOP VIEW

ELECTRICAL REQUIREMENTS	
VOLTAGE	FLA
240V/60/3	1808
480V/60/3	904
575V/60/3	755

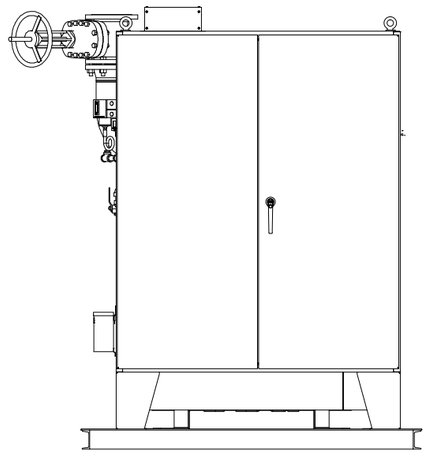
OPERATING FULL LOAD AMPERAGE (FLA) REFERS TO THE BOILERS RATED CURRENT DRAW AT FULL INPUT. FLA MAY VARY WHEN ADDITIONAL CONTROL OPTIONS ARE ADDED.

CUSTOMER CONNECTIONS				
ITEM	DESCRIPTION	SIZE	TYPE	SHIPPED LOOSE
A	FEED WATER INLET	1"	N.P.T.	
B	BLOWDOWN OUTLET	1 1/2"	N.P.T.	
C	STEAM OUTLET **	4"	150#	*
D	SAFETY RELIEF VALVE **	1 1/2"	N.P.T.	*
E	SURFACE BLOWDOWN	3/4"	N.P.T.	
F	WATER SAMPLE PORT	1/4"	N.P.T.	*
G	SIGHT GLASS DRAIN	1/4"	N.P.T.	*
H	WATER COLUMN DRAIN	1"	N.P.T.	
J	STEAM SAMPLE PORT	1/4"	N.P.T.	
K	HIGH WATER PROTECTION	3/4"	N.P.T.	*

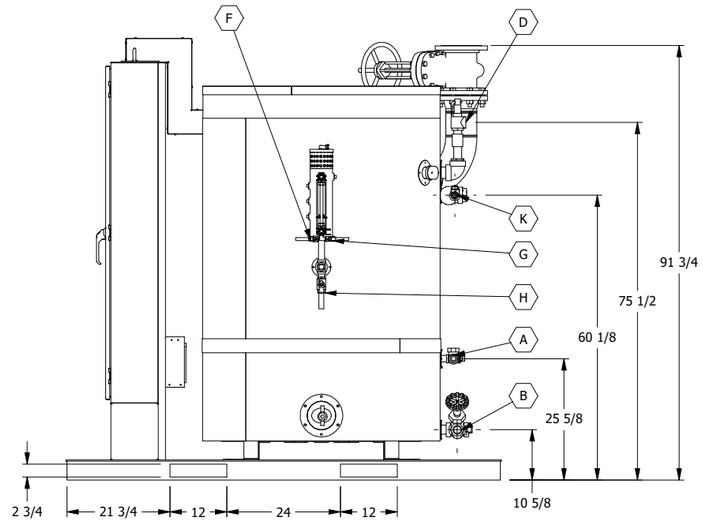
EQUIPMENT SPECIFICATION CHART	
FUEL TYPE:	ELECTRIC
MAX ALLOWABLE WORKING PRESSURE:	150 PSI
BOILER INPUT:	750 KW
BOILER OUTPUT:	2,559,000 BTU/HR
STEAM OUTPUT/MIN. SRV CAPACITY:	2,637 LBS/HR
WATER CAPACITY (OPERATING):	218
WATER CAPACITY (FLOODED):	295
APPROXIMATE SHIPPING WEIGHT:	4,700 LBS.
APPROXIMATE OPERATING WEIGHT:	6,518 LBS.
APPROXIMATE FLOODED WEIGHT:	7,159 LBS.
NUMBER OF ELEMENTS:	(10) 75KW



LEFT SIDE VIEW



FRONT VIEW



RIGHT SIDE VIEW

NOTES:

1. STEAM OUTPUT LB/HR: FROM 0 PSIG AT 212°F (0 KG/CM AT 100°C)
2. DUE TO POWER RATINGS, COMPONENT SIZES, TYPES, QUANTITIES, ETC... PANEL BOX SIZE MAY VARY FROM WHAT IS SHOWN. ALL PRECUT OPENINGS IN PANEL BOX THAT ARE UNUSED WILL BE PLUGGED.
3. COMPONENTS IN TRIM KIT TO BE SHIPPED SEPARATELY.
4. WE RESERVE THE RIGHT TO CHANGE SPECIFICATIONS AND/OR DIMENSIONS.
5. DIMENSIONS INSIDE ( ) DENOTE REFERENCE DIMENSIONS.
6. DIMENSIONS INSIDE □ DENOTE OVERALL DIMENSIONS.
7. ** SIZE DEPENDS ON TRIM PRESSURE.
8. FULTON RECOMMENDS 36" CLEARANCE FOR PANEL BOXES AND 18" CLEARANCE OF HANDHOLES.
9. **OVERALL BOILER AND PANEL BOX SIZE VARIES BASED ON TRIM OPTIONS.**

REV	REVISION DESCRIPTION	B.O.M.	ELEC. ENG.	MECH. ENG	CHECKED	APPROVED
A	UPDATED BOILER OUTPUT & STEAM OUTPUT ON SPECIFICATION CHART J. SHEPARD 4/19/2021					E.B.W. 11/10/21

REVISION HISTORY

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES
TOLERANCES
FRACTION & WHOLE VALUE ± 1/8
(1) PLACE DEC. ± 0.03
(2) PLACE DEC. ± 0.015
(3) PLACE DEC. ± 0.005
ANGLE ± 0.5 DEG
SURFACE FINISH 250 MICRO-INCHES

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: A. SHROCK 9/16/2020
CHECKED BY:
B.O.M. REVIEW:
MECHANICAL REVIEW:
ELECTRICAL REVIEW:
APPROVED BY: E.B.W. 9/22/2020
JOB NUMBER:
PROJECT NAME:
PROJECT MANAGER:

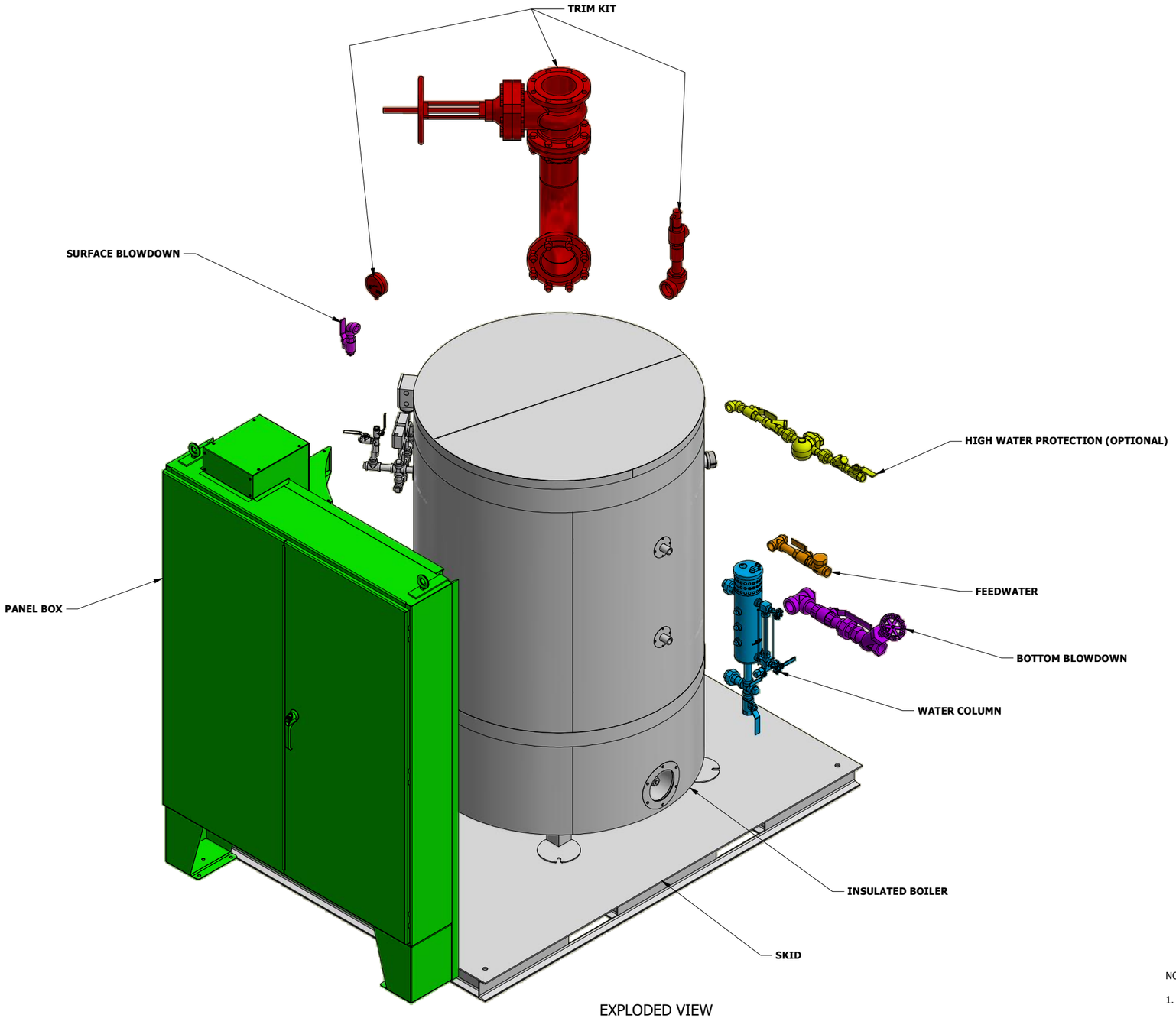
DESCRIPTION:
750 KW (75 HP) SECTION I HIGH PRESSURE ELECTRIC BOILER END ASSEMBLY WITH STEEL FLAT SKID

SHEET 1 OF 2

Fulton
Fulton Steam Solutions, Inc.

DRAWING NUMBER
6-91-BE7501 - PDS

REVISION
A



EXPLODED VIEW

NOTES:

1. CUSTOMERS MAY REFER TO ORDER FORM FOR THE LIST OF FEATURES AND OPTIONS RELEVANT TO THEIR CONFIGURATION.

REV	REVISION DESCRIPTION	B.O.M.	ELEC. ENG.	MECH. ENG	CHECKED	APPROVED
A	UPDATED BOILER OUTPUT & STEAM OUTPUT ON SPECIFICATION CHART J. SHEPARD 4/19/2021					E.B.W. 11/10/21

REVISION HISTORY

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES
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(1) PLACE DEC. ± 0.03
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THIRD ANGLE PROJECTION

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JOB NUMBER:
PROJECT NAME:
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DESCRIPTION: 750 KW (75 HP) SECTION I HIGH PRESSURE ELECTRIC BOILER END ASSEMBLY WITH STEEL FLAT SKID

SHEET 2 OF 2

Fulton
Fulton Steam Solutions, Inc.

DRAWING NUMBER 6-91-BE7501 - PDS

REVISION A