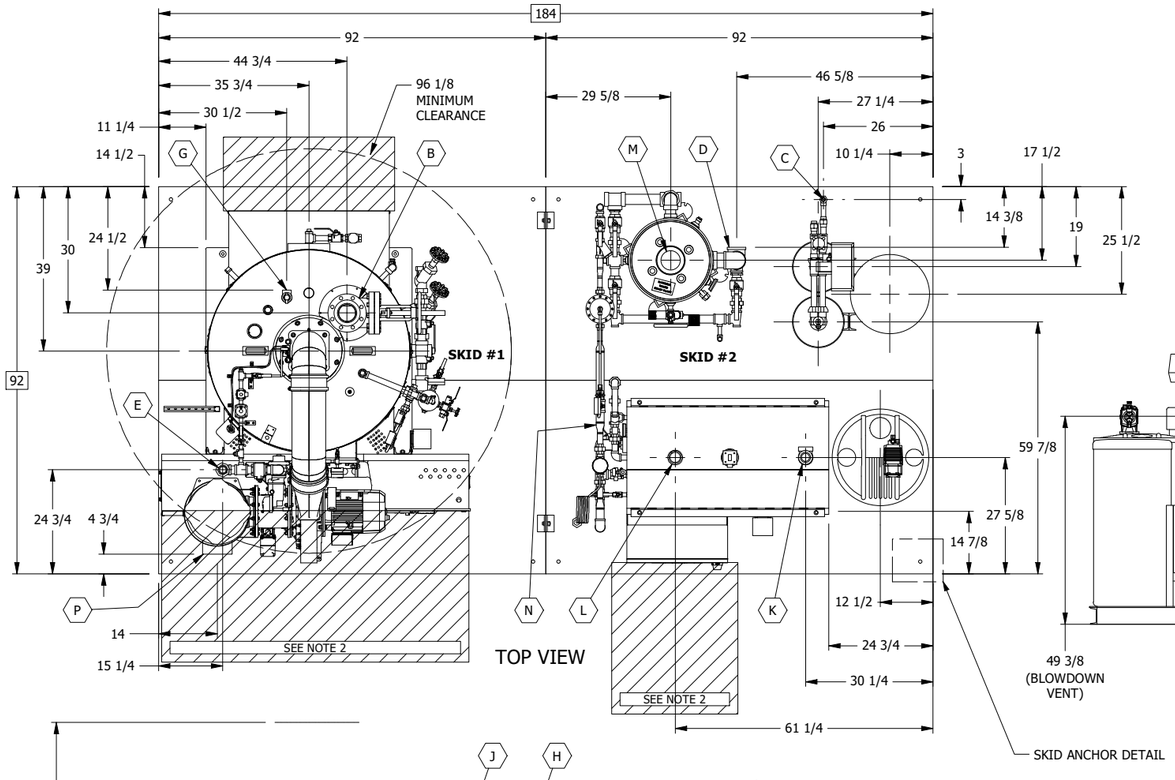
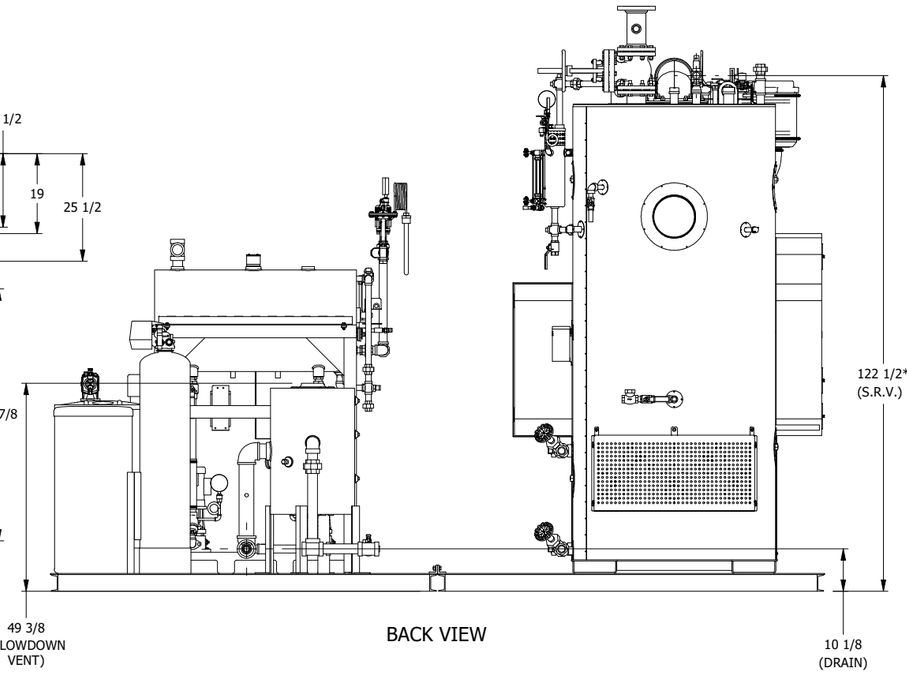
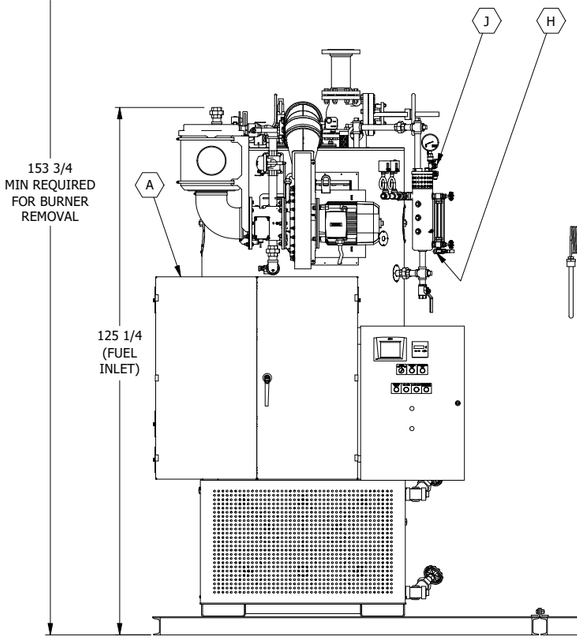
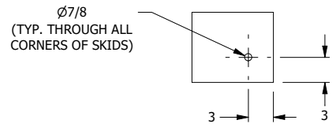




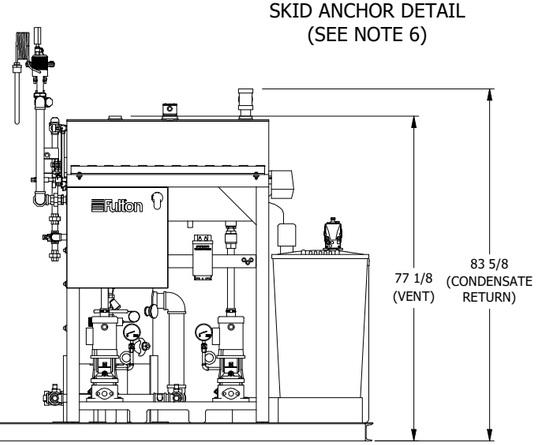
CUSTOMER CONNECTIONS			
ITEM	DESCRIPTION	SIZE	TYPE
A	SINGLE POINT ELECTRIC	- - -	- - -
B	SINGLE POINT STEAM*	SEE NOTE 9	150#
C	SINGLE POINT WATER	1"	N.P.T.
D	SINGLE POINT DRAIN	3"	N.P.T.
E	FUEL INLET	1 1/2"	N.P.T.
F	FLUE OUTLET	10"	- - -
G	SAFETY RELIEF VALVE*	SEE NOTE 9	N.P.T.
H	BOILER WATER SAMPLE PORT	1/4"	N.P.T.
J	BOILER STEAM SAMPLE PORT	1/4"	N.P.T.
K	CONDENSATE RETURN	2"	N.P.T.
L	RETURN TANK VENT	2"	N.P.T.
M	BLOWOFF VENT	4"	N.P.T.
N	WATER SOFTENER SAMPLE PORT	1/4"	N.P.T.
P	COMBUSTION AIR INLET	8"	- - -

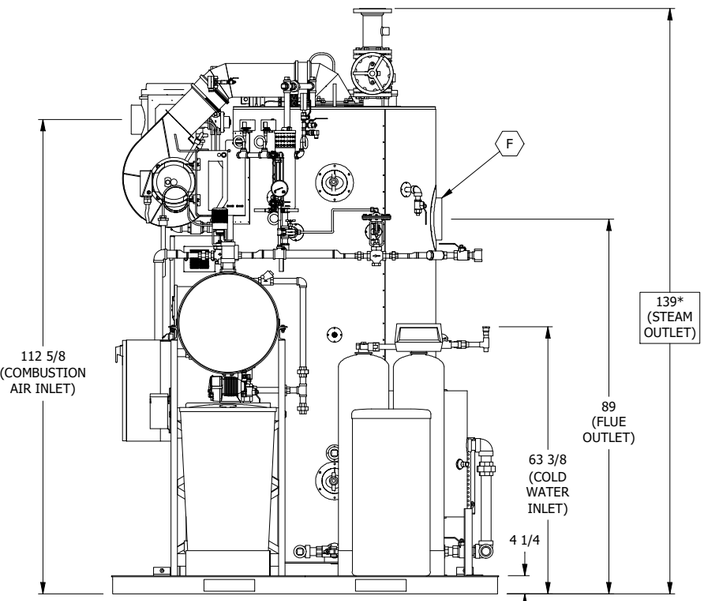
EQUIPMENT SPECIFICATION CHART	
APPROXIMATE OPERATING WEIGHT:	14,959 LBS.
APPROXIMATE SHIPPING WEIGHT SKID #1:	8,900 LBS.
APPROXIMATE SHIPPING WEIGHT SKID #2:	2,650LBS.
BOILER DRAWING NO:	6-91-29E040/50/60
RETURN TANK DRAWING NO:	6-91-H06010
BLOWOFF SEPARATOR NO:	9-BD-290075
WATER SOFTENER:	2-30-002406
CHEMICAL FEED SYSTEM:	2-30-001589





SKID ANCHOR DETAIL
(SEE NOTE 6)





NOTES:
1. ALL CLEARANCES ARE FACTORY RECOMMENDATIONS. CONSULT LOCAL JURISDICTION FOR EXACT CODE COMPLIANCE.
2. FULTON RECOMMENDS MINUMUM 36" CLEARANCE IN FRONT OF ELECTRICAL PANELS, 36" BETWEEN INSPECTION OPENINGS OF ALL BOILERS, 18" OF HANDHOLES, 14" FROM EXHAUST STACK, AND 24" ON ALL SIDES OF THE SKID ASSEMBLY FOR MAINTENANCE ACCESS.
3. PLEASE REFER TO THE O&M MANUAL FOR ADDITIONAL INFORMATION REGARDING CLEARANCES AND INSTALLATION INSTRUCTIONS.
4. LOCAL CODE OR SEISMIC RESTRAINT MAY REQUIRE ADDITIONAL FIELD SUPPORTS. THESE SUPPORTS ARE TO BE ADDED IN THE FIELD BY OTHERS.
5. ALL DIMENSIONS INSIDE □ DENOTE OVERALL DIMENSIONS.
6. INDIVIDUAL SKID SECTIONS ARE DESIGNED TO BE LIFTED AND POSITIONED UTILIZING A FORKLIFT OR STANDARD TOW MOTOR. THE SECTIONS ARE NOT DESIGNED TO BE LIFTED WITH A CRANE OR SINGLE POINT LIFTING CONNECTIONS. THE HOLES PROVIDED IN THE CORNER OF THE SKID ARE DESIGNED FOR ANCHORING ONLY, NOT SUPPORT OR LEVELING. THE SYSTEM IS DESIGNED TO SET ON A COMPLETE LEVEL PAD AND IS REQUIRED TO BE SUPPORTED THROUGHOUT THE ENTIRE FOOTPRINT.
7. ALL DIMENSIONS, LOCATIONS, AND SIZES SHOWN ON THIS DRAWING ARE FOR REFERENCE ONLY. 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. ON VMP AND ICS BOILERS ONLY: RECOMMENDED STACK RUN IS MINIMUM 24" STRAIGHT OFF THE REAR OF THE BOILER, PRIOR TO MAKING A DIRECTIONAL CHANGE.
9. *SIZE AND TYPE DEPENDS ON TRIM PRESSURE

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	± 0.5DEG	± 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: A. SHROCK	4/18/2023	MECHANICAL REVIEW:		JOB NUMBER:
CHECKED BY: J.S.	4/21/2023	ELECTRICAL REVIEW:		PROJECT NAME:
B.O.M. REVIEW:		APPROVED BY: T.K.	5/3/2023	PROJECT MANAGER:

DESCRIPTION:
FULTON ENG. SYSTEM VSRTE-40/50/60 HYBRID STEAM BOILER WITH HT-60 FEEDWATER SYSTEM, F-75 BLOWDOWN TANK, FB-600-910S WATER SOFTENER, AND CHEM FEED

SHEET 1 OF 1

Fulton
Fulton Thermal Corporation

DRAWING NUMBER: 6-99-506001 - PDS

REVISION: -