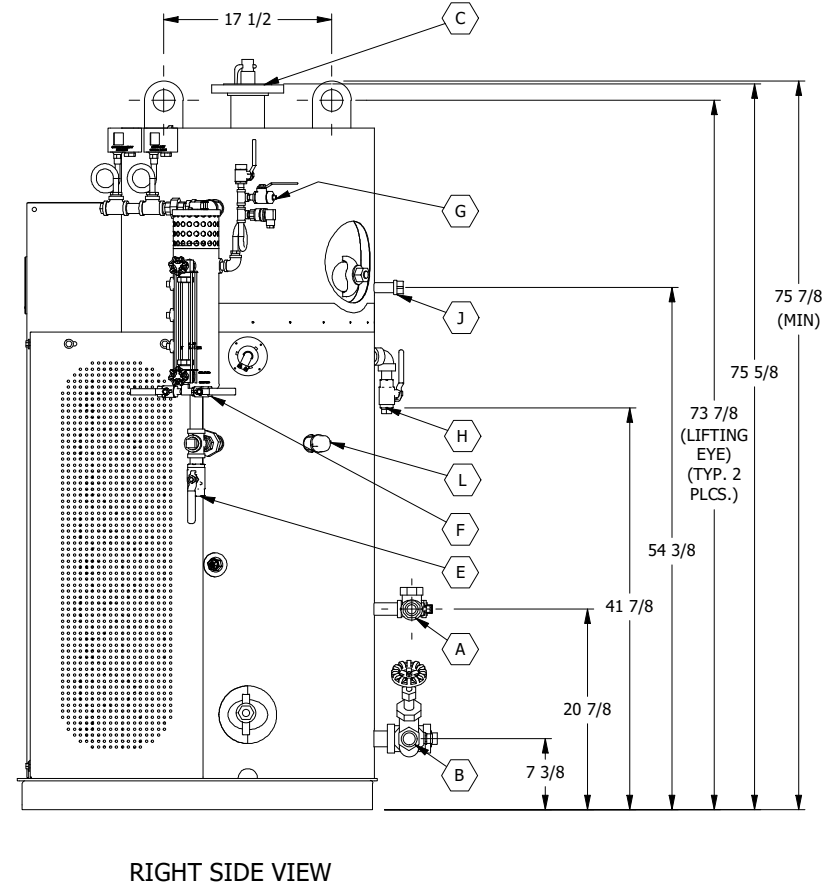
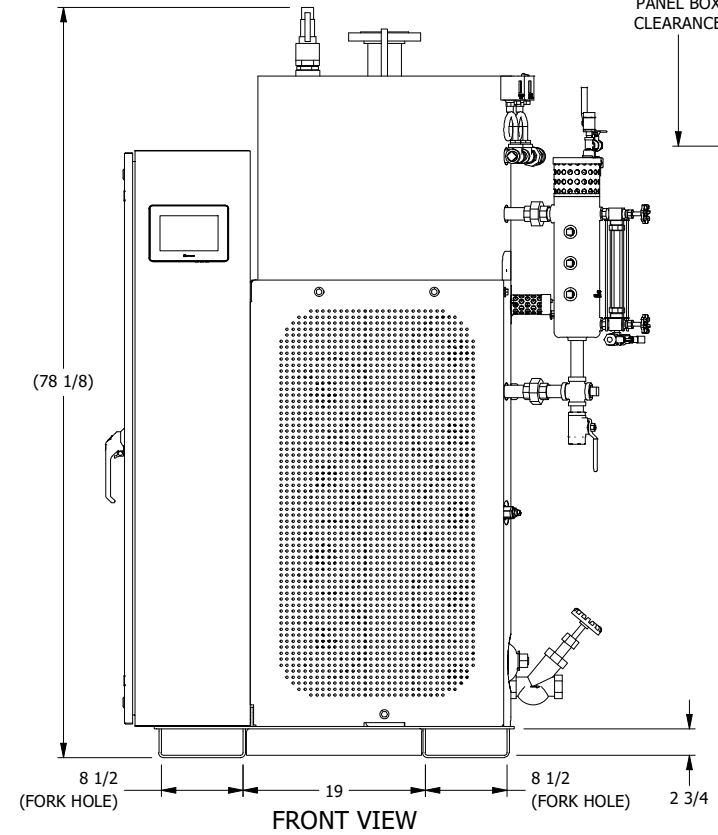
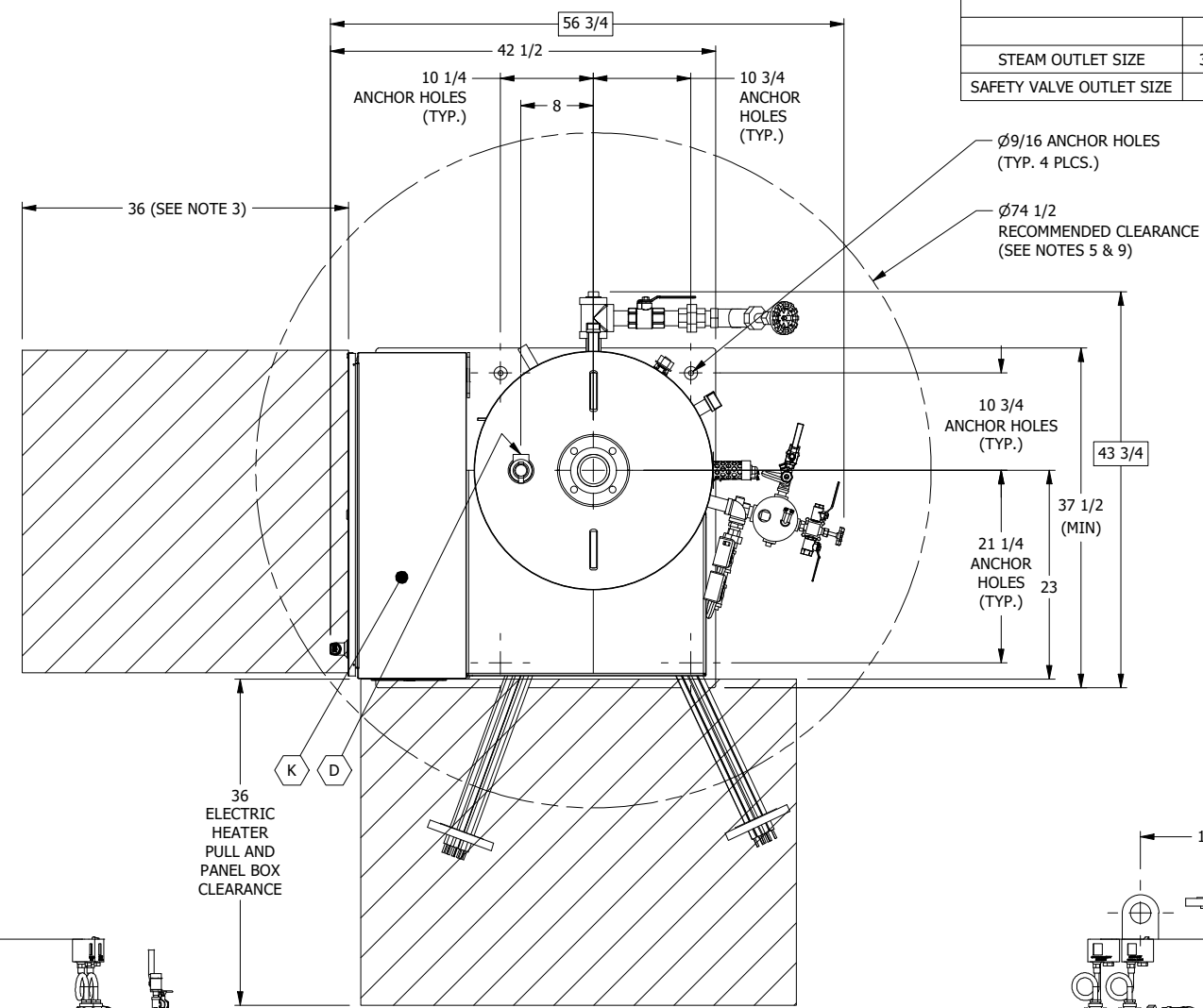


CONNECTIONS BASED ON TRIM PRESSURE							
	15 PSI	30 PSI	50 PSI	75 PSI	100 PSI	125 PSI	150 PSI
STEAM OUTLET SIZE	3" 150#	3" 150#	3" 150#	3" 150#	2" NPT	2" NPT	2" NPT
SAFETY VALVE OUTLET SIZE	2" NPT	1 1/2" NPT	1 1/2" NPT	1 1/4" NPT	1" NPT	1" NPT	1" NPT

CUSTOMER CONNECTIONS			
ITEM	DESCRIPTION	SIZE	TYPE
A	FEED WATER INLET	1"	N.P.T.
B	BLOWDOWN OUTLET	1 1/4"	N.P.T.
C	STEAM OUTLET	NOTE 11*	N.P.T.*
D	SAFETY RELIEF VALVE	NOTE 11*	N.P.T.
E	WATER COLUMN DRAIN	1"	N.P.T.
F	WATER SAMPLE PORT	1/4"	N.P.T.
G	STEAM SAMPLE PORT	1/4"	N.P.T.
H	SURFACE BLOWDOWN (PLUGGED)	3/4"	N.P.T.
J	HIGH WATER PROTECTION (CAPPED)	3/4"	N.P.T.
K	POWER INLET(S)	- - -	N.P.T.
L	AUXILIARY WATER COLUMN (CAPPED)	1"	N.P.T.

EQUIPMENT SPECIFICATION CHART	
ENERGY SOURCE:	ELECTRIC
MAX. ALLOWABLE WORKING PRESSURE:	150 PSI**
BOILER INPUT:	210 KW
BOILER OUTPUT:	716,500 BTU/HR
STEAM OUTPUT:	735 LBS/HR
MIN. SRV CAPACITY:	945 LBS/HR
WATER CAPACITY (OPERATING)	93 GAL.
APPX. DRY WEIGHT:	1,350 LBS
APPX. OPERATING WEIGHT:	2,125 LBS.
APPX. SHIPPING WEIGHT:	1,500 LBS.
APPX. FLOODED WEIGHT:	2,400 LBS.
NUMBER OF HEATERS:	(7) 30 KW
TURNDOWN:	100:1 WITH FULL MODULATION



- NOTES:
- STEAM OUTPUT LB/HR: FROM 0 PSIG AT 212°F (0 KG/CM² AT 100°C)
 - ALL CLEARANCES ARE FACTORY RECOMMENDATIONS. CONSULT LOCAL JURISDICTION FOR EXACT CODE COMPLIANCE.
 - RECOMMENDED MINIMUM CLEARANCE OF 36" IN FRONT OF ELECTRICAL PANELS.
 - RECOMMENDED 36" CLEARANCE BETWEEN INSPECTION OPENINGS OF ALL BOILERS AND 18" CLEARANCE OF HANDHOLES.
 - PLEASE REFER TO THE O&M MANUAL FOR ADDITIONAL INFORMATION REGARDING CLEARANCES AND INSTALLATION INSTRUCTIONS.
 - ALL DIMENSIONS INSIDE () DENOTE REFERENCE DIMENSIONS.
 - ALL DIMENSIONS INSIDE □ DENOTE OVERALL DIMENSIONS.
 - 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.
 - LOCAL CODES CAN SUPERCEDE RECOMMENDED CLEARANCE.
 - CONSULT MODEL TECHNICAL DATA SHEET FOR HOW TO MAINTAIN 100KA SCCR RATING.
 - *SIZES BASED ON TRIM PRESSURE AND OPTIONS.
 - **BOILER CAN BE BUILT IN COMPLIANCE WITH ASME SECTION IV CODE WITH MAWP 15 PSI.

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 DESCRIPTION:
 CHSI-0210 (210KW) ELECTRIC STEAM BOILER

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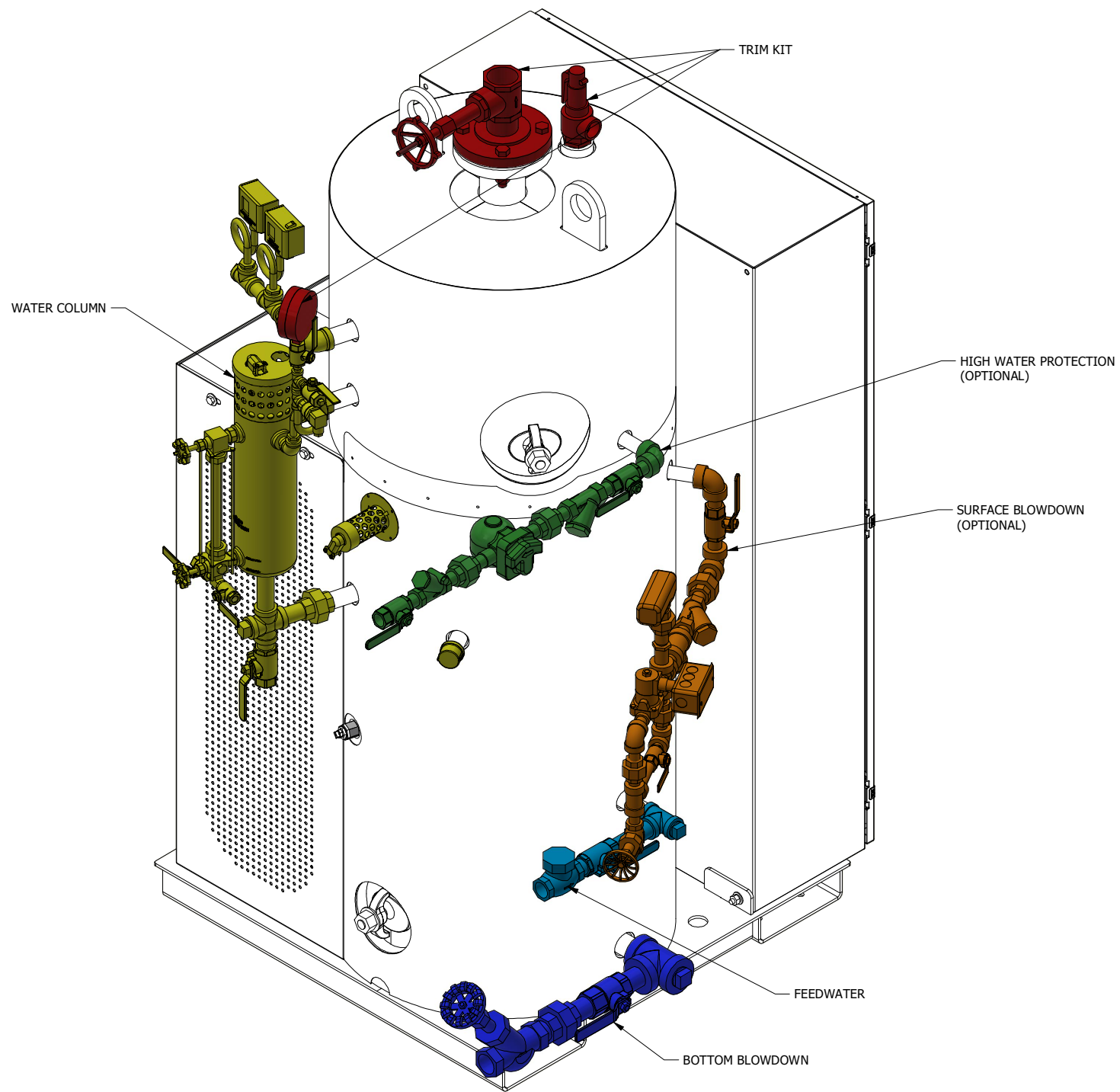
1

D

C

B

A



BACK RIGHT VIEW

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DESCRIPTION:
CHSI-0210 (210KW) ELECTRIC STEAM BOILER

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