

CONNECTIONS:				
MARK	DESCRIPTION	QTY.	SIZE	TYPE
A	STEAM OUTLET	1	8"	300# RF LWN
B	SAFETY RELIEF VALVE	1	2"	300# RF LWN
C	SAFETY RELIEF VALVE	1	2 1/2"	300# RF LWN
D	FEEDWATER INLET	1	3"	300# RF
E	INTERMITTENT BLOWOFF	1	1 1/2"	300# RF
F	CHEMICAL FEED	1	1"	SCH 80
G	VENT VALVE	1	1"	SCH 80
H	WATER COLUMN	2	1"	SCH 80
J	DRUM LEVEL TRANSMITTER	2	1"	SCH 80
K	CONTINUOUS BLOWDOWN	1	1"	SCH 80
L	FURNACE PRESSURE	1	1"	F.N.P.T.
P	AUX. LOW WATER CUTOFF	1	1"	SCH 80

ONE (1) SHOP ASSEMBLED DISCOVERY STEAM GENERATOR  
 BOILER HEATING SURFACE: TOTAL XXX FT<sup>2</sup>  
 CONVECTION XXX FT<sup>2</sup>  
 RADIANT XXX FT<sup>2</sup>

DESIGN PRESSURE: XXX PSIG @ XXX°F  
 OPERATING PRESSURE: XXX PSIG  
 CAPACITY: XXX #/HR  
 FEEDWATER TEMPERATURE: XXX°F  
 FUELS: XXX  
 INSTALLATION: INDOOR/OUTDOOR

NOTE:  
 ALL MATERIAL AND FABRICATION TO BE PER A.S.M.E. CODE SECTION I LATEST EDITION LATEST ADDENDA.

ALL EXPOSED CARBON STEEL SURFACES OF THE BOILER AND CASING EXCEPT FOR THE FLUE GAS OUTLET FLANGE, DRUM HEAD COVERS AND PIPING.  
 SURFACE PREPARATION: SSPC-SP3  
 PRIMER COAT: APPLY 2 TO 3 MILS DFT OF CARBOCOAT 150 0700 GRAY  
 FINISH COAT: APPLY 2 TO 3 MILS DFT OF CARBOCOAT 8812 1135 DURING WARM WEATHER (MAXIMUM 95°F @ 80% HUMIDITY) AND CARBOCOAT 8815 1135 IN THE COLD WEATHER (MINIMUM 35°F @ 10% HUMIDITY).  
 TOTAL MILS DFT: 4 to 6

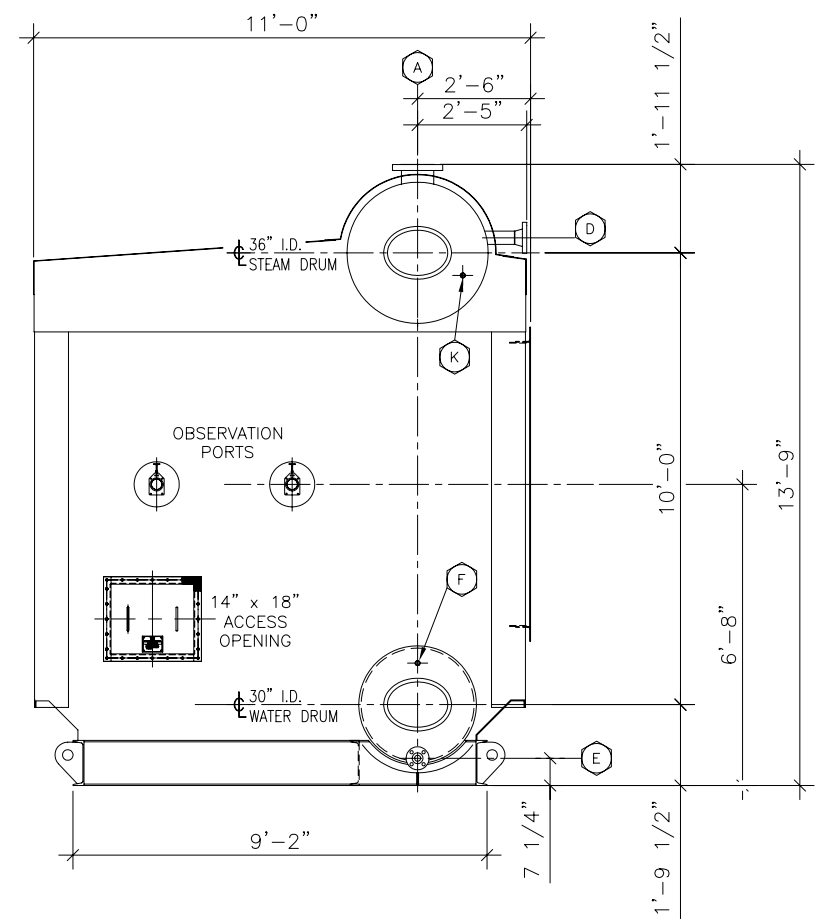
DRUM HEAD COVERS & FLUE GAS OUTLET FLANGE:  
 SURFACE PREPARATION: SSPC-SP3  
 PRIMER/FINISH COAT: CARBOCOAT 150 0700 GRAY  
 TOTAL MILS DFT: 2 to 3

PIPING COMPONENTS:  
 SURFACE PREPARATION: SSPC-SP3  
 PRIMER/FINISH: H.I.S. HI TEMP GRAY 90G07  
 TOTAL MILS DFT: 2 to 3

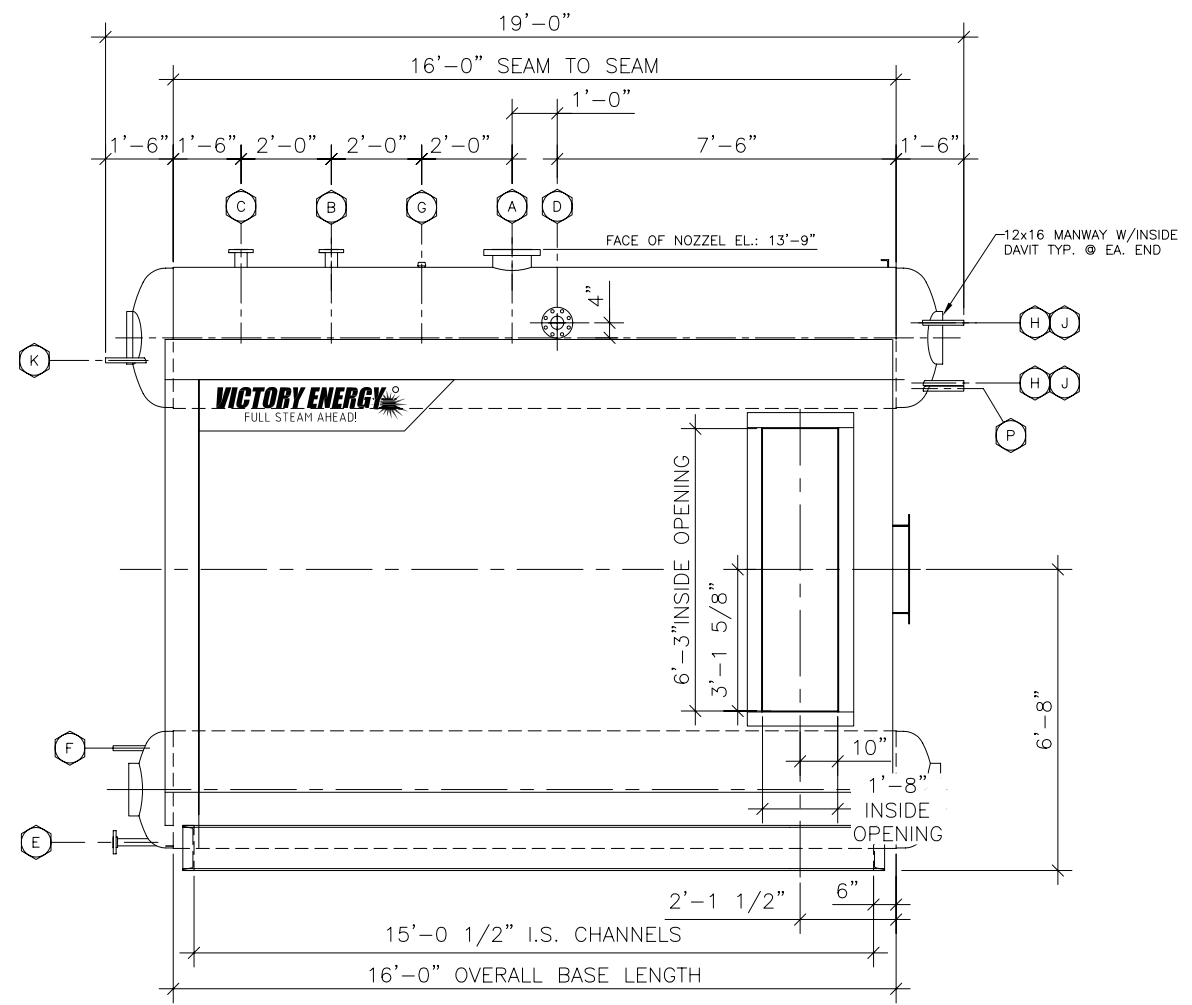
VALVE HANDLES:  
 SURFACE PREPARATION: SSPC-SP3  
 PRIMER COAT: CARBOCOAT 150 0700 GRAY  
 FINISH COAT: CARBOCOAT 8815 1135 YEAR AROUND.  
 TOTAL MILS DFT: 2 TO 3

HOT DUCTING (>200°F):  
 SURFACE PREPARATION: SSPC-SP3  
 PRIMER/FINISH: H.I.S. HI TEMP GRAY 90G07  
 TOTAL MILS DFT: 2 to 3

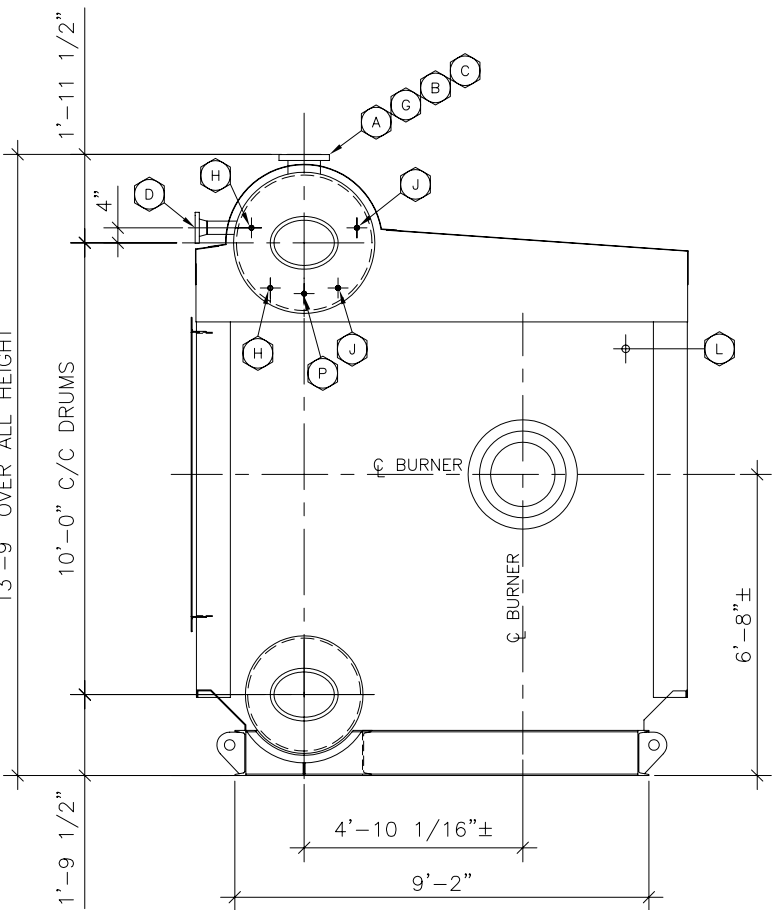
SUPPORT STRUCTURES, LADDERS, PLATFORMS, AND HANDRAILS:  
 HOT DIPPED GALVANIZED



BOILER BACK VIEW



BOILER SIDE VIEW



BOILER FRONT VIEW



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Rev.	By	Date	Checked	Date	Description

**VICTORY ENERGY** 10701 E. 126th St. North, Collinsville, OK 74021  
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Unit Type/Cust: DT-2  
 Title: BOILER GENERAL ARRANGEMENT

By:	Chk'd:	Appr'd:	Scale:	Dwg. no.:	Rev.:
Date:	Date:	Date:	NONE	00-XXX-00	0