

A		B		
CONNECTIONS:				
MARK	DESCRIPTION	QTY.	SIZE	TYPE
A	STEAM OUTLET	1	6"	300# R.F.L.W.N
B	SAFETY RELIEF VALVE	1	4"	300# R.F.L.W.N
C	SAFETY RELIEF VALVE	1	2 1/2"	300# R.F.L.W.N
D	FEEDWATER INLET	1	3"	300# R.F.W.N.
E	BOILER BLOWOFF	1	1 1/2"	300# R.F.S.O.
F	CHEMICAL FEED	1	1"	300# R.F.S.O.
G	VENT VALVE	1	1"	S.W.
H	WATER COLUMN	2	1 1/2"	SCH 80 PIPE
J	DRUM LEVEL TRANSMITTER	2	1 1/2"	SCH 80 PIPE
K	AUX. LOW WATER CUTOFF	1	1"	SCH 80 PIPE
L	CONTINUOUS BLOWDOWN	1	1"	SCH 80 PIPE
M	LOWER DRUM HEAT COIL	2	1"	NPT
N	TEMP. AND PRESSURE GAUGE	4	1"	NPT
P	FURNACE PRESSURE	1	1"	NPT

[illegible]

DESIGN DATA	
ONE (1) SHOP ASSEMBLED VOYAGER STEAM GENERATORS DESIGN AND FABRICATED PER ASME SECTION 1, 2004 EDITION	
2005 ADDENDA.	
MAXIMUM ALLOWABLE WORKING PRESSURE: XXX PSIG	
OPERATING PRESSURE: 125 PSIG AT NON-RETURN INLET	
CAPACITY: 25,000#/HR @ XXX°F	
DESIGN TEMP: XXX°F	
TUBE DESIGN TEMP: XXX°F	
HYDRO TEST PRESSURE: XXX PSIG	
RADIOGRAPH YES/NO	
PWHT: DRUMS @ 1100° F MIN. HOLD TIME IS 1 HOUR / INCH THK.	
BOILER HEATING SURFACE: TOTAL XXXX SQ. FT.	
CONNECTION XXXX SQ. FT.	
RADIANT XXXX SQ. FT.	
STEAM PURITY: 17.5 PPM	
BLOWDOWN: 1%	
FEEDWATER TEMPERATURE: 227°F TO ECONOMIZER	
FUELS: PRIMARY – NATURAL GAS	
WATER CAPACITY: BOILER OPERATING XXXX GALS.	
BOILER FLOODED XXXX GALS.	
SHIPPING WEIGHT: XXXXXX LBS.	
INSTALLATION: INDOORS	

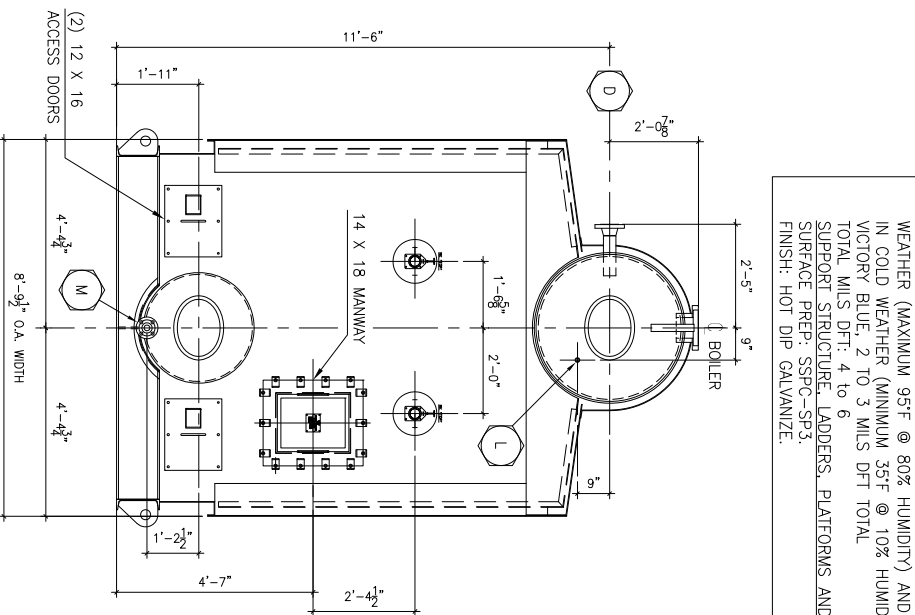
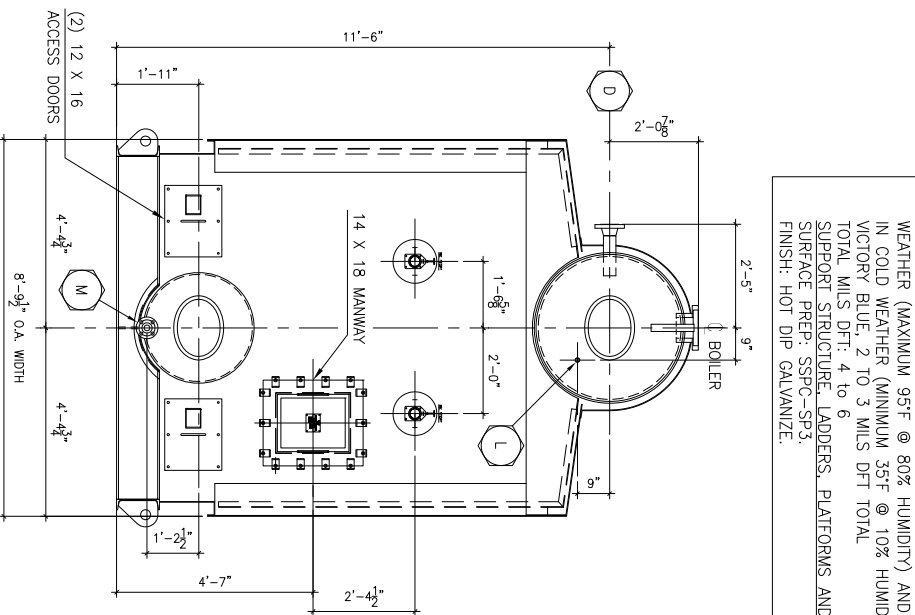
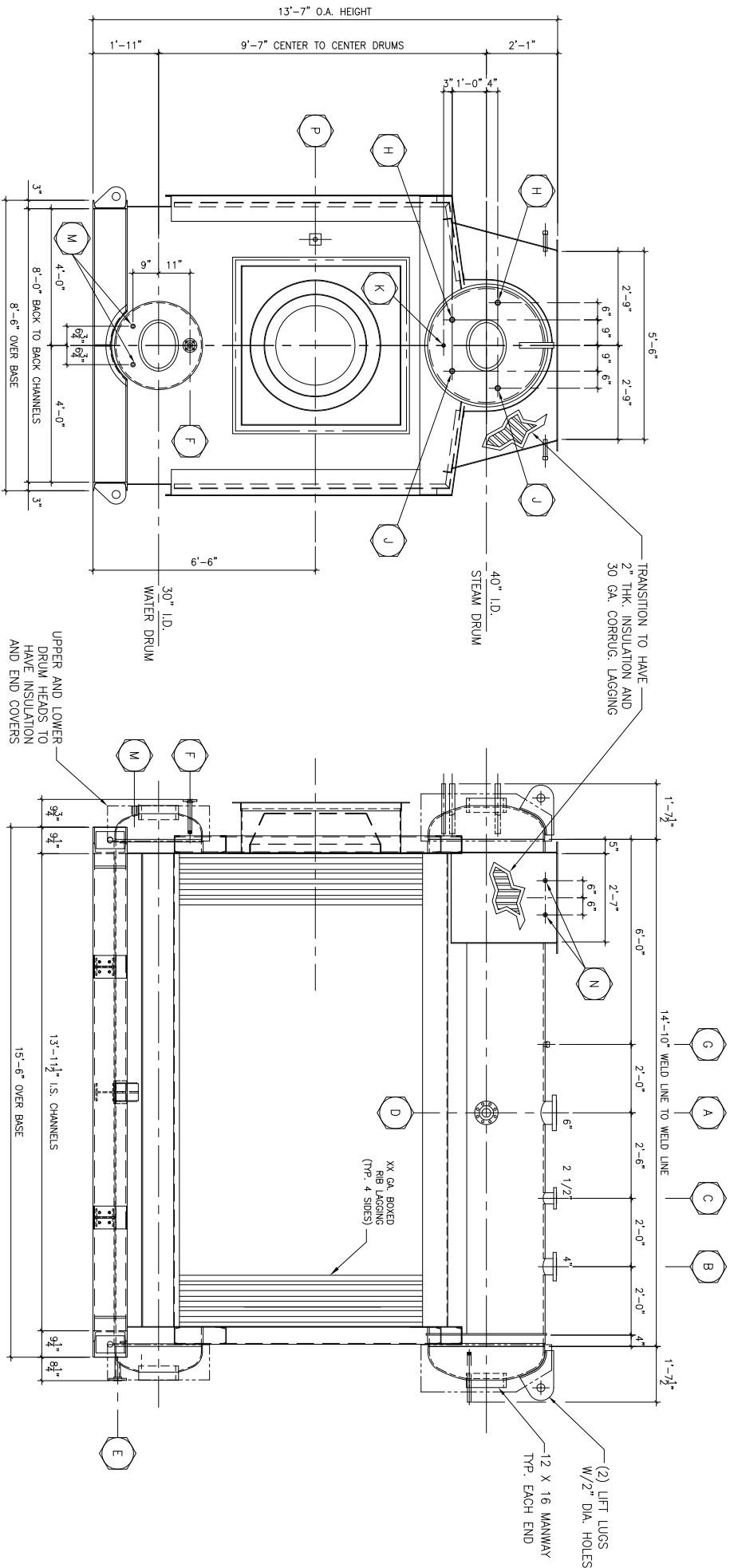
MECHANICAL DATA	
CASINGS:	
FRONT & REAR SEALS & SUPPORT:	1/4" CARBON STEEL PLATE
ROOF:	10 GA. CARBON STEEL
SIDE:	XX GA. BOXED RIB LAGGING
DRUM:	16 GA. CARBON STEEL SHEET
DRUMS:	
UPPER:	5/8" THK. (NOMINAL) SA-516 GR. 70 PVQ
LOWER:	5/8" THK. (NOMINAL) SA-516 GR. 70 PVQ
HEADS:	
UPPER:	1/2" THK. SA-516 GR. 70
LOWER:	1/2" THK. SA-516 GR. 70
TUBES:	
WELDED FURNACE WALL:	2" O.D. X 0.135" WALL SA-178A ERW
CONNECTION:	2" O.D. X 0.105" WALL SA-178A ERW
OUTER WELDED WALL:	2" O.D. X 0.135" WALL SA-178A ERW
WELDED FRONT & REAR WALLS:	2" O.D. X 0.135" WALL SA-178A ERW
NOTES:	
1. REFER TO THE EQUIPMENT LIST FOR ITEM DESCRIPTIONS AND DESIGN DATA.	
2. MAIN STEAM, FEEDWATER AND DRAIN PIPING TO BE SUPPORTED IN FIELD BY OTHERS.	
3. PAINT	

NOTES:

1. REFER TO THE EQUIPMENT LIST FOR ITEM DESCRIPTIONS AND DESIGN DATA.
2. MAIN STEAM, FEEDWATER AND DRAIN PIPING TO BE SUPPORTED IN FIELD BY OTHERS.

3 PANT

ALL EXPOSED CARBON STEEL SURFACES OF THE BOILER AND CASING SURFACE PREPARATION: SSPC-SP3
PRIMER COAT: (1) COAT OF CARBOCOAT 150 UNIVERSAL PRIMER, 0700 GRAY, 2 TO 3 MILS DFT
FINISH COAT: (2) COATS OF CARBOTHANE 8812 DURING WARM WEATHER (MAXIMUM 95°F @ 80% HUMIDITY) AND CARBOTHANE 8815 IN COLD WEATHER (MINIMUM 35°F @ 10% HUMIDITY). 1135 VICTORY BLUE, 2 TO 3 MILS DFT TOTAL
TOTAL MILS DFT: 4 TO 6
SUPPORT STRUCTURE, LADDERS, PLATFORMS AND HANDRAILS, SURFACE PREP: SSPC-SP3.
FINISH: HOT DIP GALVANIZE.



CUSTOMER'S NAME	_____
CUSTOMER'S P.O. NO.	_____
CUSTOMER'S JOB NO.	_____
BOLLER ITEM	_____
SHIPPING WEIGHT	_____
DESTINATION	_____
NUMBER REQUIRED	_____

CUSTOMER'S JOB NO.	BOILER ITEM	SHIPPING WEIGHT	DESTINATION	NUMBER REQUIRED

CUSTOMER'S JOB NO.	BOILER ITEM	SHIPPING WEIGHT	DESTINATION	NUMBER REQUIRED

CUSTOMER'S JOB NO.	BOILER ITEM	SHIPPING WEIGHT	DESTINATION	NUMBER REQUIRED

CUSTOMER'S JOB NO.	BOILER ITEM	SHIPPING WEIGHT	DESTINATION	NUMBER REQUIRED

CUSTOMER'S JOB NO.	BOILER ITEM	SHIPPING WEIGHT	DESTINATION	NUMBER REQUIRED

CUSTOMER'S JOB NO.	BOILER ITEM	SHIPPING WEIGHT	DESTINATION	NUMBER REQUIRED

THIS DESIGN OR DRAWING IS NOT SOLD AND IS SUBJECT TO RECALL, REPRODUCTION OR COPYING. RIGHTS ARE RESERVED SOLELY TO VICTORY ENERGY OPERATIONS, L.L.C. THE DRAWING HAS BEEN DELIVERED AND RECEIVED ON THE EXPRESSED CONDITIONS THAT IT IS NOT USED IN ANY MANNER THAT COULD BE DETRIMENTAL TO THE REPUTATION OF VICTORY ENERGY, L.L.C., AND THAT THIS DRAWING AND ALL COPIES OF IT WILL BE RETURNED TO VICTORY ENERGY OPERATIONS, L.L.C. IMMEDIATELY UPON DEMAND, AND THAT ALL INFORMATION DISCLOSED BY THIS DRAWING TO THE HOLDER SHALL BE HELD IN CONFIDENCE.

6			
5			
4			
3			
2			
1			
rev. by	date	chk'd	date

[illegible]

VICTORY ENERGY					
					
10701 E. 126th St. North, Collinsville, OK 74021					
PH: 918-274-0023 FAX: 918-274-0059					
cust./proj.#:					
title: BOLLER GENERAL ARRANGEMENT					
by:	chk'd.	aprv'd.	scale:	dwg. no.	rev.
date:			NONE	00-XXX-00	0

VICTORY ENERGY					
					
10701 E. 126th St. North, Collinsville, OK 74021					
PH: 918-274-0023 FAX: 918-274-0059					
cust./proj.#:					
title: BOLLER GENERAL ARRANGEMENT					
by:	chk'd.	aprv'd.	scale:	dwg. no.	rev.
date:			NONE	00-XXX-00	0

VICTORY ENERGY					
					
10701 E. 126th St. North, Collinsville, OK 74021					
PH: 918-274-0023 FAX: 918-274-0059					
cust./proj.#:					
title: BOLLER GENERAL ARRANGEMENT					
by:	chk'd.	aprv'd.	scale:	dwg. no.	rev.
date:			NONE	00-XXX-00	0

VICTORY ENERGY					
					
10701 E. 126th St. North, Collinsville, OK 74021					
PH: 918-274-0023 FAX: 918-274-0059					
cust./proj.#:					
title: BOLLER GENERAL ARRANGEMENT					
by:	chk'd.	app'd.	scale:	dwg. no.	rev.
date:			NONE	00-XXX-00	0

VICTORY ENERGY					
					
10701 E. 126th St. North, Collinsville, OK 74021					
PH: 918-274-0023 FAX: 918-274-0059					
cust./proj.#:					
title: BOLLER GENERAL ARRANGEMENT					
by:	chk'd.	app'd.	scale:	dwg. no.	rev.
date:			NONE	00-XXX-00	0

VICTORY ENERGY					
					
10701 E. 126th St. North, Collinsville, OK 74021					
PH: 918-274-0023 FAX: 918-274-0059					
cust./proj.#:					
title: BOLLER GENERAL ARRANGEMENT					
by:	chk'd.	app'd.	scale:	dwg. no.	rev.
date:			NONE	00-XXX-00	0

VICTORY ENERGY					
					
10701 E. 126th St. North, Collinsville, OK 74021					
PH: 918-274-0023 FAX: 918-274-0059					
cust./proj.#:					
title: BOLLER GENERAL ARRANGEMENT					
by:	chk'd.	app'd.	scale:	dwg. no.	rev.
date:			NONE	00-XXX-00	0

