

(4) #1 1/8" [29] HOLES

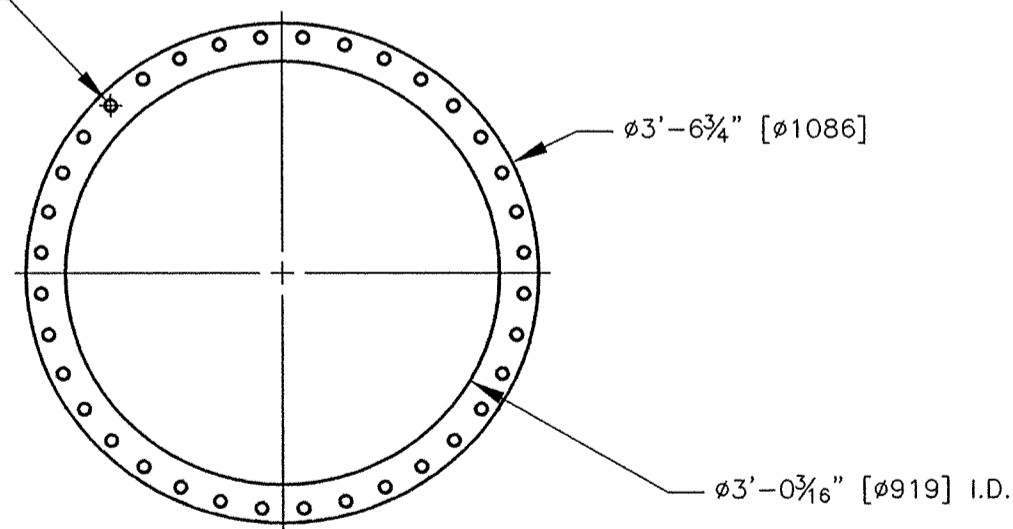
NORTH

(36) #1" [25] HOLES EQ SP ON A
40 3/8" [1026] B.C.

TAG WITH EQUIPMENT #E-041105

EVAPORATOR CONDENSER SPECIFICATIONS		
DESCRIPTION	TUBES	SHELL
Design Pressure (PSIG)	55	±15
Hydrostatic Test Pressure (PSIG)	83	23
Design Temperature (deg. F)	100°	212°
External Tube Surface (Ft ²)	9498	
Passes	4	2
Weight Empty (Lbs.)	(S3)	32,970
Water Filled Weight (Lbs.)	(S3)	60,820
Gross Size (Ft ³)		
Shell	56" O.D. x 3/8" WALL x 24'-0"	
Tubes	(2016) 3/4" O.D. x 18 GA x 24'-0" LG	
		304 S.S.

ITEM	DESCRIPTION	SIZE
A	WATER INLET	ND350 PN16 FLANGE
B	WATER OUTLET	ND350 PN16 FLANGE
C	VAPOR INLET	36" FLANGE
D	VAPOR OUTLET (2)	ND150 PN16 FLANGE
E	CONDENSATE OUTLET	ND150 PN16 FLANGE
F	CONDENSATE OUTLET (2)	ND80 PN16 FLANGE



DETAIL OF FLANGE "C"

REV A) ELIMINATED LEVEL GAUGE CONNECTIONS, ADDED NORTH ARROW & EQUIPMENT TAG No., VAPOR INLET WAS 30" FLG, WATER OUTLET WAS ND250 FLG, WATER INLET WAS ND250 FLG, ADDED (2) ND80 FLGS, WEIGHTS WERE 35,632# EMPTY & 63,482# FILLED, ADDED INTEGRAL SUPPORT FOR STRIPPER CONDENSER, CENTERED CONDENSATE OUTLET "E", MOVED SOUTH DAVIT TO OPPOSITE SIDE OF VESSEL, CHANGED TO 4 PASSES.

8	1	NAMEPLATE (LARGE)	CIW
7	88	HEX NUT, M30 x 3.5	
6	88	HEX HD CAPSCREW, M30 x 3.5 x 130MM LG.	
5	1	GASKET SET	A2311-506
4	2	56" DAVIT	H2311-508
3	1	END CAP	H2311-504
2	1	END CAP	H2311-505
1	1	EVAPORATOR CONDENSER BODY	H2311-501
ITEM RQD TOTAL SHOP BILL OF MATERIAL CONTROL S.O. NO. DATE			
DR. JAS		FILE NO. AK04013	
CHK.		ORIGINAL FILE: AC96101	
DATE: 01-12-04		THIRD ANGLE PROJECTION	
SCALE: 3/4"=1'-0"		DECIMAL ±.010	
		HOLE SIZE ±.020	
		HOLE PATTERN ±1/32	
		FRACTIONAL ±1/16	
		FLANGE ⊥ TO AXIS ±1/16	
A		FLG. HLS. STRADDLE ±1/16	
CD		FLG. HLS. STRADDLE ±1/16	
3/5/04		DWG. NO. H2311-500	
3		REV A	
SHOP		PIECE AND WELDMENT TOLERANCE	
PRINTS ISSUED			

NOTICE: © 2001 CROWN IRON WORKS COMPANY
THIS DRAWING AND INFORMATION ARE THE PROPERTY OF
CROWN IRON WORKS COMPANY AND ARE NOT TO BE COPIED
OR MISUSED. NOT RESPONSIBLE BEYOND OUR OWN WORK.

EVAPORATOR CONDENSER
ASSEMBLY
METRIC

MAR 16 2004