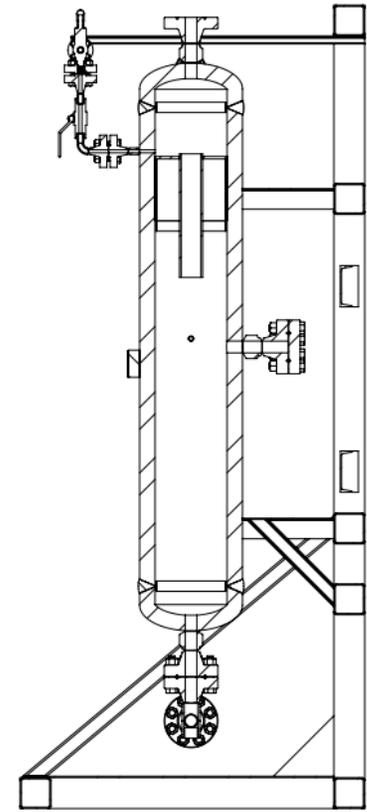


ITEM	QTY	DESCRIPTION	MATERIAL	LENGTH	PART#
1	2	HEAD 20"OD x 3.0"NOM. (2.3"MIN), 2:1 ELLIP W/3"STRAIGHT FLANGE & 22.5° BEVEL	SA-516-70 N - IMPACT TESTED		
2	1	SHELL 20" OD x 3.0" x 92.75" LG. W/22.5° BEVEL ENDS	SA-106-C N IT	92-3/4"	
3	3	4.50" OD x 2.3" ID CUSTOM FORGING (N2,N3,N4)	SA-350-LF2 CL1		
4	1	4.50" OD x 2.3" ID CUSTOM FORGING (N1)	SA-350-LF2 CL1		
5	7	3-1/8" API 5M RTJWN REDUCING FLANGE	4130		
6	1	COUPOLET 1/2" NPT 6000 CL (C6)	SA-105		
7	1	1" SCH XXH PIPE (N5)	SA-106-C	2"	
8	3	1" 2500 CL RTJWN FLANGE SCH XXH BORE	SA-105		
9	1	3" SCH XXH BW CUSHION CROSS	SA-234-WPB		
10	3	BACKING RING, 1/4" x 2" x 44.00" LG. (13.75" OD)	SA-36	44.00"	
11	2	20,000# MEDIUM LIFTING LUGS	SA-105		
12	2	SADDLES, 1/4" (SEE SHEET 11)	SA-36		
13	1	NAME PLATE BRACKET	SA-36	4-1/2" x 5-1/4"	
14	1	INTERNAL WEAR RING 14" SCH 30/STD PIPE	ULTRA 600	12"	
15	1	INTERNAL RISER 4" SCH 80 PIPE	ULTRA 600	24"	
16	1	INTERNAL BAFFLE (SEE DETAIL SHEET 11)	AR-400	14" OD	
17	2	SKID RAIL C CHANNEL C6 X 10.5#	A/SA-36	13'	
18	6	CROSS BEAM SQUARE TUBE 6.00"x6.00"x1/4"	A/SA-36	3' 7-11/16"	
19	2	BASE RAIL C CHANNEL C6 X 10.5#	A/SA-36	5' 1"	
20	2	FORK CHANNEL C CHANNEL C8x11.5#	A/SA-36	3' 9-1/16"	
21	2	STRUT SUPPORT SQUARE TUBE 3.00"x3.00"x3/16"	A/SA-36	6' 6-5/8"	
22	2	PLATE GUSSET TRIANGULAR 1/2"TH	A/SA-36	12" x 12"	
23	1	PLATE BASE 1/4"TH	A/SA-36	60.75" x 47"	
24	1	TAYLOR 8200 1"x1" ORIFICE "D" 5,000PSI. PSV	CARBON STEEL		
25	8	7/8" x 5.50" 9UNC STUDS FOR 1" 2500 CL RTJ FLG	SA-193 B7	5-1/2"	
26	16	7/8" NUTS FOR 1" 2500 CL RTJ FLANGE	SA-194		
27	4	5/8" x 3.00" 11UNC STUDS FOR 1" 300 CL RF	SA-193 B7	3.00"	
28	8	5/8" NUTS FOR 1" 300#RF	SA-194		
29	2	1" 2500 CL RTJ GASKET R18	B16.20		
30	1	1" 300 CL RF GASKET SPIRAL WOUND	B16.20		
31	1	RAIN CAP FOR 1" PIPE PSV	VINYL		
32	1	1" SCH 40 PIPE, 45° CUT ON ONE END	SA-106 B/C	6"	
33	1	1" SOCKET WELD BALL VALVE 6M	SA-105		
34	2	3-1/8" API 5M RTJWN BLIND FLANGE	4130		
35	24	1 1/8" x 7 3/4" 8UNC STUDS FOR 3 1/8" API RTJ FLG	SA-193 B7	7-3/4"	
36	48	1 1/8" NUTS FOR 3 1/8" API FLANGE STUDS	SA-194		
37	2	1" SCH XXH PIPE W/ BEVEL ON ONE END	SA-106-C	1-3/4"	
38	1	1" 2500 CL RTJ THREADED FLANGE	SA-105		
39	1	1" 300 CL RFWN SCH 40 BORE	SA-105		
40	1	1" 300 CL RF THREADED FLANGE	SA-105		
41	1	1" 90° LR ELBOW SCH XXH	SA-234-WPB		
42	1	1" 90° LR ELBOW SCH 40	SA-234-WPB		
43	1	1" SCH 40 3" THREADED NIPPLE	SA-106B	3"	
44	1	1-1/2"x1-1/2"x1/4" ANGLE IRON	A/SA-36	57"	
45	1	1-1/2" U BOLT WITH THREADED ENDS AND NUTS	STAINLESS STEEL		
46	1	STRUT, 3.00" x 3.00" x 1/4" SQUARE TUBING	A/SA-36	24-1/16"	
47	3	3-1/8" API 5M RTJWN FLANGE GASKET R35	R-35		



SECTION E-E

UNLESS OTHERWISE SPECIFIED:		/ /	NAME	CTJ ENERGY SOLUTIONS TITLE: NOBLE CYCLONE BOM SIZE B DWG. NO. VS2-28-50-96-NC:2 REV 0 SCALE: - WEIGHT: SHEET 2
DIMENSIONS ARE IN INCHES		DRAWN	JONATHAN WARNER	
TOLERANCES:		CHECKED		
FRACTIONAL ± 1/16"		ENG APPR.		
ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±		MFG		
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CTJ ENERGY SOLUTIONS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CTJ ENERGY SOLUTIONS IS PROHIBITED.		Q.A.		
		COMMENTS:		