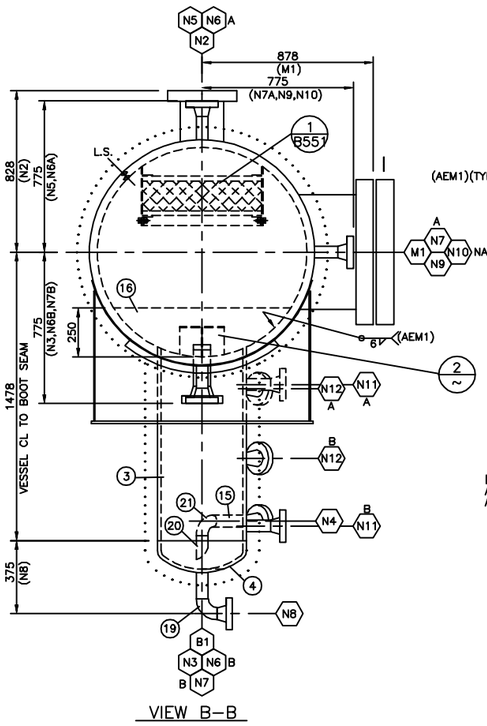
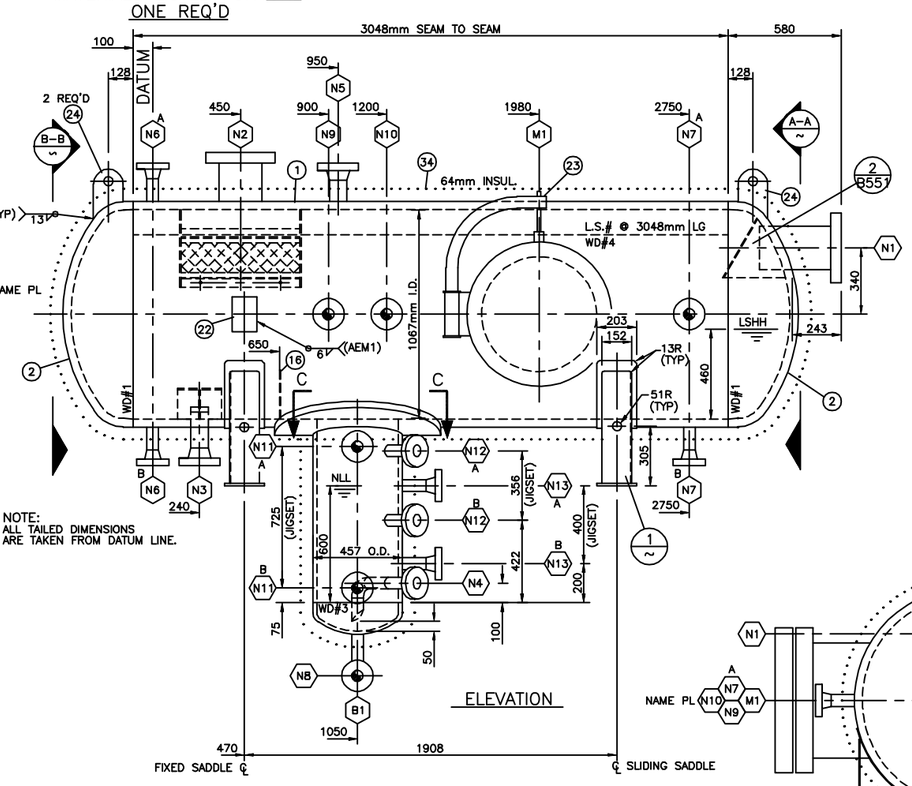
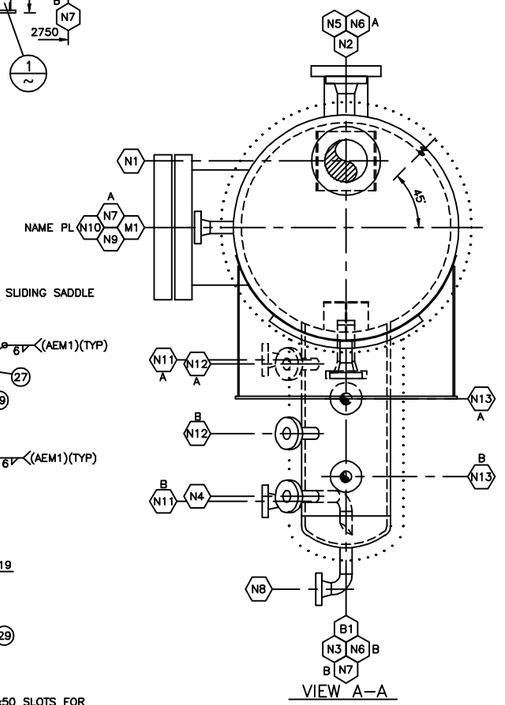
MATERIALS LISTED FOR ONE
ONE REQ'D

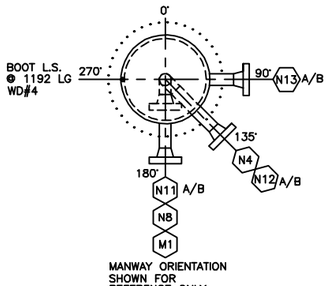




NOTE:
ALL TAILED DIMENSIONS
ARE TAKEN FROM DATUM LINE.

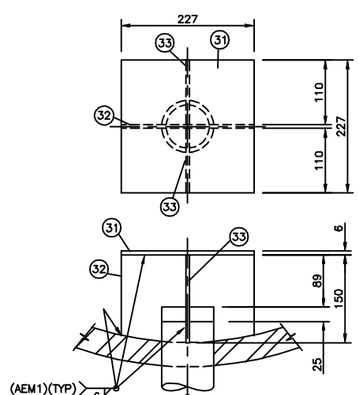


NOZZLE PROJ. FROM
BOOT CL
N4,N11A/B,N12A/B,N13A/B.....430mm

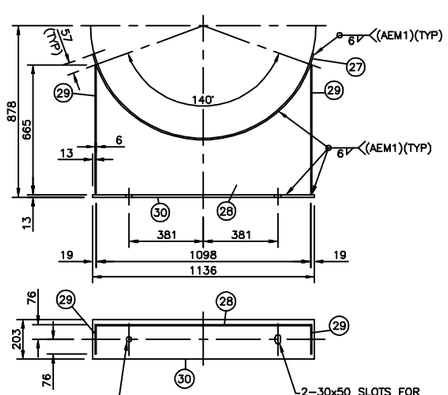


MANWAY ORIENTATION
SHOWN FOR
REFERENCE ONLY.

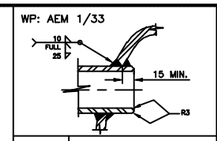
BOOT PLAN VIEW
SECTION C-C

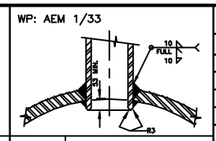


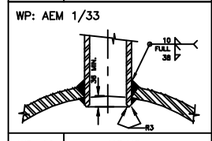
2 ~ VORTEX BREAKER DETAIL
SCALE 1:5

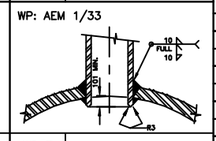


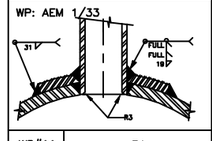
1 ~ SADDLE DETAIL

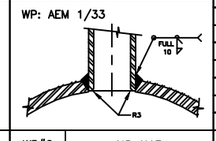


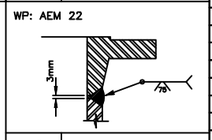


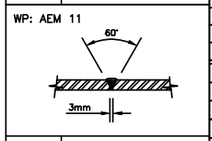


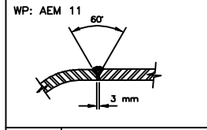


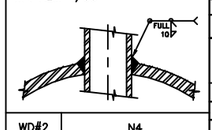


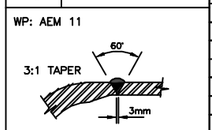












BILL OF MATERIAL

ITEM	QTY.	DESCRIPTION	MAT'L SPEC.
1	1	41.28mm PL ROLLED TO 1067mm ID x 3048mm LG	SA-516-70N
2	2	39.75 MIN. GA.(44.45 NOM) x 1067mm ID ASME CODE 2:1	
		S.E. HEADS c/w 51 S.F.	SA-516-70N
3	1	19.05mm PL ROLLED TO 457mm OD x 996mm LG	SA-516-70N
4	1	16.84 MIN. GA.(19.05 NOM) x 457mm OD ASME CODE 2:1 S.E.	
		HEAD c/w 51 S.F.	SA-516-70N
5	1	457.2-600# ANSI RF HB FLG (457.20 IDx589.03 OD) x 445 LG	SA-350-LF2
6	1	457.2-600# ANSI RF "BLIND" FLG	SA-350-LF2
7	1	168.3-600# ANSI RFLWN FLG (152.40 IDx222.25 OD) x 406 LG	SA-350-LF2
8	1	168.3-600# ANSI RFLWN FLG (152.40 IDx222.25 OD) x 347 LG	SA-350-LF2
9	2	88.9-600# ANSI RFWN FLG x SCH XXH BORE	SA-350-LF2
10	14	60.3-600# ANSI RFWN FLG x SCH 160 BORE	SA-350-LF2
11	2	88.9-SCH XXH SMLS PIPE x 190 LG	SA-333-6
12	6	60.3-SCH 160 SMLS PIPE x 163 LG	SA-333-6
13	7	60.3-SCH 160 SMLS PIPE x 144 LG	SA-333-6
14	–	–	–
15	1	60.3-SCH 160 SMLS PIPE x 270 LG	SA-333-6
16	1	6.35 PL x 250 WD x 904 LG (SHOP TO SUIT)	SA-516-70N
17	–	–	–
18	–	–	–
19	1	60.3-SCH 160 90° LR ELL	SA-420-WPL6
20	1	60.3-SCH XH SMLS PIPE x 130 LG	SA-333-6
21	1	60.3-SCH XH 90° LR ELL	SA-420-WPL6
22	1	PLAINS STD VESSEL NAME PL c/w LONG CHAIR	T-304-SS/SA-36/44W
23	1	PLAINS STD MANWAY DAVIT (457.2-600#)	SA-53-B/SA-36/44W
24	2	PLAINS STD LIFT LUGS "LL-3" (25.4 PL) x 250 LG	SA-516-70
25	1	457.2-600# ANSI RF SPIRAL WOUND GRAFOIL FILLED GASKET	T-304-SS
26	20	41.28ø x 273 LG STUDS c/w 2 HEX NUTS EACH	SA-193-B7M/SA-194-2HM
27	2	6.35 x 203 FB x 1541 LG ROLLED TO 1155 ID (EASYWAY)	SA-516-70N
28	2	6.35 PL x 665 WD x 1098 LG (SHOP TO SUIT)	SA-36/44W
29	4	6.35 x 152 FB x 665 LG	SA-36/44W
30	2	12.7 x 203 FB x 1136 LG	SA-36/44W
31	1	6.35 PL x 227 SQUARE	SA-516-70
32	1	6.35 PL x 150 WD x 227 LG (SHOP TO SUIT)	SA-516-70
33	2	6.35 PL x 110 WD x 150 LG	SA-516-70
34	LOT	64mm THK. FOAMGLASS INSUL. c/w 0.5mm STUCCO EMBOSSED ALUM. COVER	–
35	1	REPAD-41.28 PL x 460 ID x 851 OD ROLLED TO 1156 ID	SA-516-70N

ITEMS	MK. NO.	NO.	SIZE	RATING	TYPE	SERVICE	W.D.	RE-PAD
3,4,35	B1	1	457.2	–	–	BOOT	3,4,11	41.28 PLx851 OD
5,6,23,25,26	M1	1	457.2	600#	RF HB	MANWAY c/w BLIND	7	–
10,13	N13 A/B	2	60.3	600#	RFWN	GLYCOL COIL	5,6	–
10,13	N12 A/B	2	60.3	600#	RFWN	LC	5,6	–
10,13	N11 A/B	2	60.3	600#	RFWN	LG	5,6	–
10,12	N10	1	60.3	600#	RFWN	PI	5,6	–
10,12	N9	1	60.3	600#	RFWN	TI	5,6	–
10,13,19	N8	1	60.3	600#	RFWN	DRAIN	5,6	–
10,12	N7 A/B	2	60.3	600#	RFWN	LSHH	5,6	–
10,12	N6 A/B	2	60.3	600#	RFWN	BRIDLE	5,6	–
9,11	N5	1	88.9	600#	RFWN	PSV	5,10	–
10,15,20,21	N4	1	60.3	600#	RFWN	WATER OUT	2,5	–
9,11	N3	1	88.9	600#	RFWN	HYDROCARBON LIQUID OUT	5,10	–
8	N2	1	168.3	600#	RFLWN	OUTLET	8	–
7	N1	1	168.3	600#	RFLWN	INLET	9	–

NOZZLE SCHEDULE

ASME CODE DESIGN AND CONSTRUCTION
SECT. VIII, DIV. 1, UW-12(a), 1998(ADDENDA '99)

SERVICE: W/O/G	HEAD TYPE: 2:1 S.E.	LONG SEAM TYPE: ONE
CAPACITY: 3.35m³(118.3 ft.³)	MAT'L: SA-516-70N	RADIOGRAPHY: FULL
DES. PRESS: 9755 kPag	T.S.: 482650 kPag	JOINT EFF.: 1.0
DES. TEMP.: -45°/65°C	DIA.: 1067mm ID	CIRC. SEAM TYPE: ONE
OPER. PRESS.: 6380 kPag	THK. MIN.: 39.75mm	RADIOGRAPHY: FULL
OPER. TEMP.: -22°C	THK. NOM.: 44.45mm	JOINT EFF.: 1.0
MAX. PRESS. N&C:	SHELL MAT'L: SA-516-70N	HYDROTEST: 14633 kPag
HEATING SURFACE:	T.S.: 482650 kPag	IMPACT TEST: NOTE #7
CORR. ALLOW.: 1.6mm	DIA.: 1067mm ID	SPECIMEN SIZE:
PREHEAT: AS PER WELD PROC.	THK. DES.:	IMPACT TEST TEMP.:
POSTHEAT: 1 3/4 hr @ 621°C	THK. NOM.: 41.28mm	CRN:
MIN. DES. METAL TEMP.: -45°C @ 9755 kPag		SERIAL NO.:

REFERENCE DRAWINGS

DWG. NO.	DESCRIPTION
2556-B551	DEMISTER DETAIL

REVISIONS

NO.	DATE	BY	APP'D	DESCRIPTION
0	00-05-25	AC		PRELIMINARY
1	00-06-23	AC		REV. PER CUST. MARK-UP OF REV.0.
2	00-07-06	AC		REV. PER CUST. MARK-UP OF REV.1.
3	08-04-23	CDL		ADDED CPC DRAWING NUMBER

SHIPPING WT.	6273 kg. (13801 lbs.)
TEST WT.	9632 kg. (21190 lbs.)
SANDBLAST	SSPC-SP6
PRIMER	1 s/c ZINC CHROMATE PRIMER
	–
PAINT	1 s/c MARLIN BLUE ENAMEL
	(NON-INSULATED SURFACES ONLY)

GENERAL NOTES

1.) VESSEL TO BE THOROUGHLY CLEANED INSIDE & OUTSIDE, AND FREE FROM RUST, SCALE, & FOREIGN MATTER.
2.) ALL BOLT HOLES TO STRADDLE NATURAL CENTER LINES UNLESS OTHERWISE NOTED.
3.) ALL RE-PADS TO HAVE A 6.4mm NPT WEEP HOLE.
4.) ALL OPENINGS SHALL BE COVERED FOR SHIPPING.
5.) QUALIFIED WELDING PROCEDURE REGISTERED IS WP. 558.2 (ALBERTA).
6.) QUALITY CONTROL PROGRAM REGISTERED IS AQP (S) 1001 (ALBERTA).
7.) ITEM 1 THRU 4 & 35 MATERIALS TO BE CHARPY IMPACT TESTED w/ 15 ft./lbs @ -45°C PER UG-84 PLUS PRODUCTION IMPACT TEST.

ConocoPhillips
CPC DWG No: RSH-001-VEN-000-0024

PLAINS
IL
LTD

DRAWN: A.COLLANTES	DATE: 00-05-25
CHECKED	DATE
ENG. APP'L.	DATE
PROD. APP'L.	DATE
JOB NO.: 2556	

CUSTOMER/PROJECT/LOCATION
BURLINGTON RESOURCES CANADA ENERGY LTD.
RESTHAVEN LSD: 1-36-60-3 W6M

TITLE
V-203
1067mm ID x 3048mm SEAM TO SEAM
LOW TEMP SEPARATOR

SCALE	DRAWING NO.	REV.
1 : 15	2556-B501	3

NAME: 2556-B501.dwg DATE: JUL 07, 2000 TIME: 1:09 PM