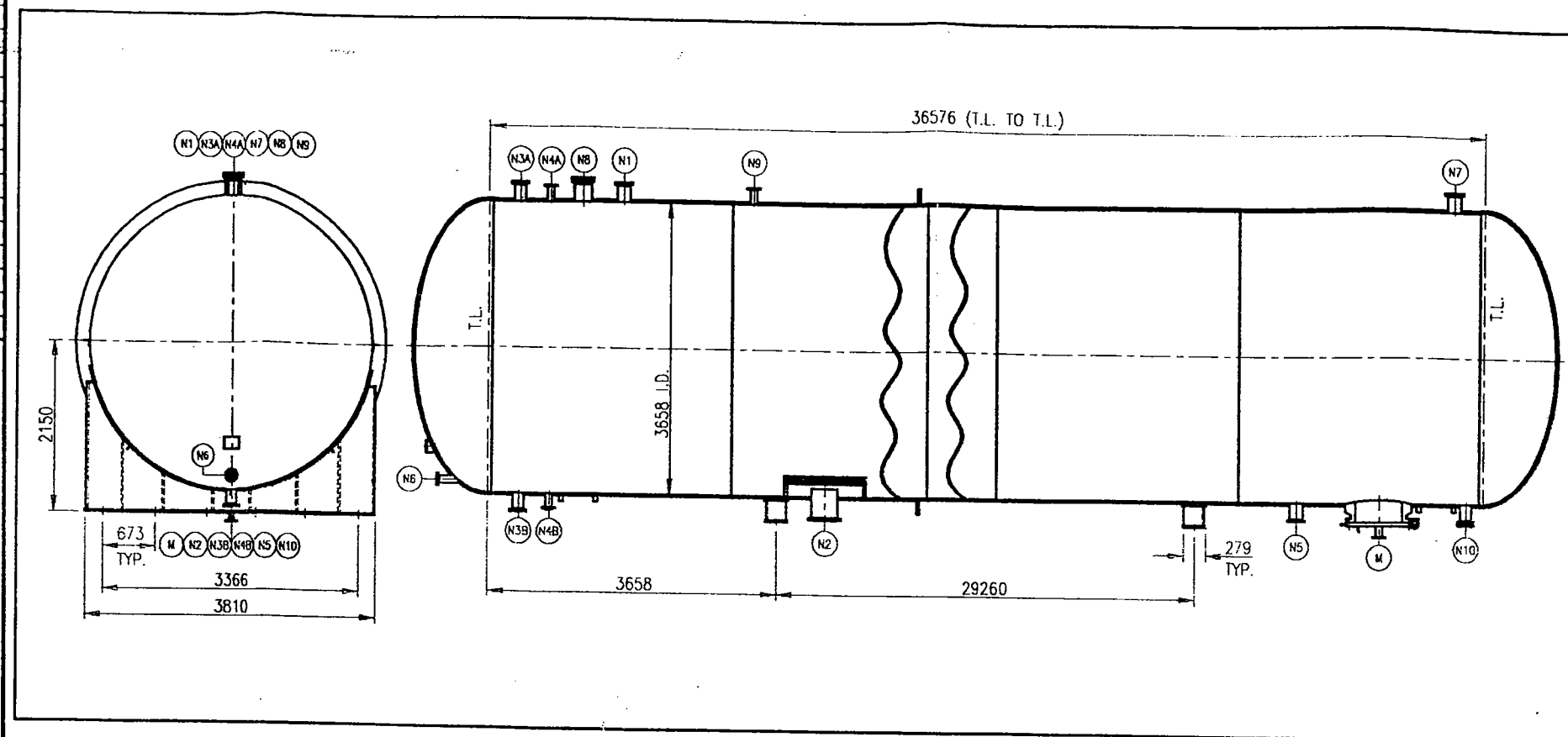


ACCESSORIES AND ATTACHMENTS		STD DWG	TYPE	REQD	FURN. BY	INSTR. BY
				Yes	No	FAB
○ SUPPORT		CLIENT	SADD.	YES		YES
○ VORTEX BREAKER		CLIENT		YES	YES	YES
○ MANWAY (DAVIT) CW COVER, BOLTS, GSKTS		FAB.				
○ LADDER CLIPS		CLIENT		YES	YES	YES
○ PLATFORM CLIPS		CLIENT				
○ PIPE SUPPORTS	REQ'D	CLIENT		YES	YES	YES
○ PIPE GUIDES	REQ'D	CLIENT		YES	YES	YES
○ INLET IMPINGEMENT PLATE		FAB		YES	YES	YES

NOTES

- SADDLE ANCHOR BOLT SIZE: M 42 (VENDOR TO CONFIRM)
BOLT HOLES AT FIXED END: 44.5 mm
BOLT HOLES AT EXPANSION END: 44.5 mm x 76.2 mm LONG
- BLIND C/W 2"-300# LWNF



MARK	QTY	SIZE	RATING	TYPE	h	Φ	DESCRIPTION
NP							VESSEL NAME PLATE
M	1	24	150	RF			MANHOLE CW BLD.
N10	1	3	300	RF			PURGE C/W BLIND
N9	1	2	300	LWN			PRESSURE VENT
N8	1	6	150	RF			VENT CW BLIND & 2" NPT
N7	1	4	150	RF			RELIEF
N6	1	2	300	RF			THERMOWELL
N5	1	4	150	RF			TRANSFER
N4A/B	2	2	300	LWN			LEVEL INDICATION
N3A/B	2	3	300	RF			LEVEL CONTROL
N2	1	10	150	RF			LIQUID OUTLET
N1	1	4	150	RF			INLET

CONNECTION SCHEDULE

MATERIALS			
SHELL	SA-516-70(N)		
HEADS	SA-516-70(N)	TYPE: 2:1 SEMI ELLIPT.	
CLAD OR LINING			
SUPPORTS	SA-516-70	SADDLE: SA-516-70(N)	
NOZZLES	FLANGE: SA-105(N)	NECK: SA-106B	
MANHOLES/HANDHOLES	FORGINGS: SA-105(N) & SA-350-LF2	NECK: SA-106B	
	COVER: SA-105(N)		
GASKETS	316 S/S SPIRAL WOUND - FLEXITALIC		
BOLTING	PRESS: SA-193 B7 TEF. CTD		
NUTS	PRESS: SA-194 2H TEF. CTD		
INTERNALS	PIPE: SA-516-70	PLATE: SA-516-70	
	STRUCT: TYPE 316 S/S	BOLTING: TYPE 316 S/S	
EXTERNALS	PLATE: SA-516-70	STRUCT: TYPE 316 S/S	
TRAYS			
SUPPORT RINGS			
REINFORC. PADS	SA-516-70(N)	STIFF. RINGS: SA-516-70(N)	
SPECIFICATIONS			
	XA-A00-Z-15-0004;	XA-A00-Y-15-0005;	XA-A00-M-15-0031
REFERENCE DRAWINGS			
	ES-053-21.01-0;	ES-053-11.02-0;	ES-053-21.03-0;
	ES-053-21.12-0;	ES-053-11.06-0;	ES-053-11.07-0;
	ES-053-11.10-0;	ES-053-11.13-0;	ES-053-11.14-0;

DESIGN DATA			
PRESSURE	DESIGN	OPERATING	
INTERNAL	1724 kPa(ga) @ 85 °C	1380 kPa(ga) @ 42 °C	
EXTERNAL	62 kPa(ga) @ 85 °C	- kPa(ga) @ - °C	
WIND: SPEC. XA-A00-Z-15-0004	SEISMIC: SPEC. XA-A00-Z-15-0004		
MIN. DESIGN METAL TEMP. -27 °C	@ kPa(ga)		
LIQ. SPECIFIC GRAVITY 0.464-0.668	SERVICE: SWEET		
MAWP (INT) AT DESIGN TEMP. & CORR. 1724 kPa(ga)	LIMITED BY HEADS		
MAWP (EXT) AT DESIGN TEMP. & CORR. 101 kPa(ga)	LIMITED BY SHELL		
MAP (NEW & COLD) 1830 kPa(ga)	LIMITED BY HEADS		
HYDROSTATIC TEST 2586 kPa(ga)			
CORROSION ALLOWANCE	SHELL & HEADS 1.6 mm	NOZZLES 1.6 mm	
	FIXED INTERNALS 3.2 mm	REMOV INTERNALS 1.6 mm	
RADIOGRAPHY 100%	NDE PER CODE		
JOINT EFFICIENCY PER CODE			
POST WELD HEAT TREATMENT N.A.			
IMPACT TEST: N.A.	PRODUCTION TEST PLATES: N.A.		
CODE: ASME SECT. VIII, DIV. 1	STAMPED: Yes		
INSPECTION BY TSSA, ONTARIO	CRN: REQUIRED YES		
PAINTING SPEC. XA-A00-Y-15-0005	SURF. PREP. SPEC. XA-A00-Y-15-0005		
INSULATION NONE			
TOTAL WEIGHTS			
OPERATING: 372860 kg	EMPTY: 108870 kg		
TEST: 505300 kg	ERECTION: 108870 kg		
C1 97-12-17	ISSUED FOR PURCHASE	HP	LF
B1 97-06-01	ISSUED FOR INQUIRY	AIK	
A1 97-06-26	ISSUED FOR OFFICE CHECK	AIK	
REV	DATE	DESCRIPTION	BY CHK. APP.

NOTE: VESSELS D2100C AND D21000 ADDED.

SABLE OFFSHORE ENERGY PROJECT

MONENCO AGRA - BROWN&ROOT

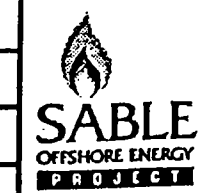
POINT TUPPER FRACTIONATION PLANT

Item Name: PROPANE STORAGE VESSELS Item No.: D2100A/B/C

Job No.: MBR0988920 Contract No.: ZAPM2103

Owner Drawing No. 98-CA-399735B

Date Sheet No. DS-D2100-01



Origin CALGARY

DI 99-2-15 AS BUILT

HL SL SL