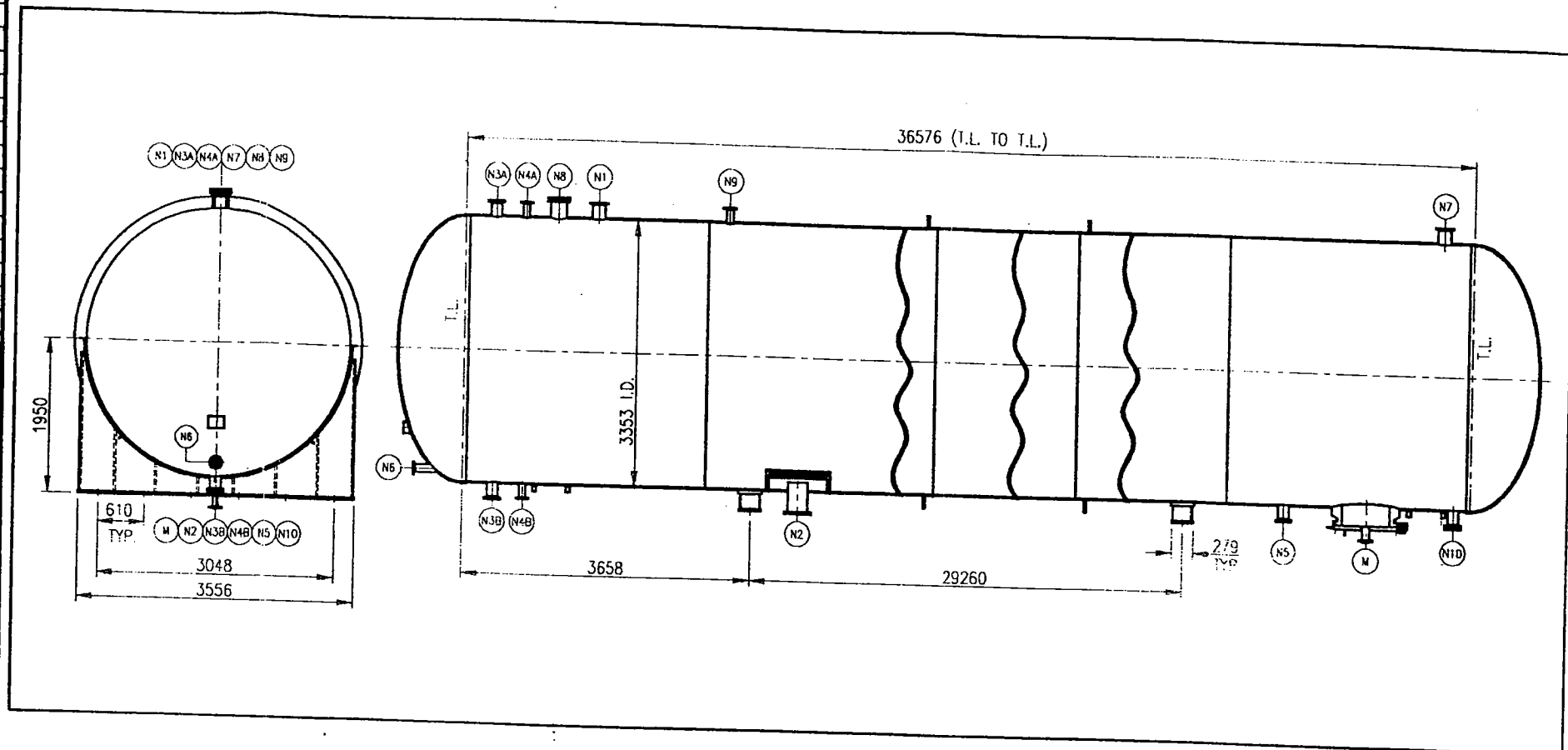


ACCESSORIES AND ATTACHMENTS		STD DWG	TYPE	REQD		FURN. BY		INSTL. BY	
				Yes	No	FAB		FAB	
○ SUPPORT		CLIENT	SADD.	YES		YES		YES	
○ VORTEX BREAKER		CLIENT		YES		YES		YES	
○ MANWAY (DAVIT) C/W COVER, BOLTS, GSKTS		FAB.							
○ LADDER CLIPS		CLIENT		YES		YES		YES	
○ PLATFORM CLIPS		CLIENT							
○ PIPE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

NOTES

- SADDLE ANCHOR BOLT SIZE: M12 (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



										MATERIALS		DESIGN DATA		
										SHELL	SA-516-70(N)	PRESSURE	DESIGN	OPERATING
										HEADS	SA-516-70(N)	INTERNAL	1275 kPa(ga) @ 65 °C	381 kPa(ga) 42 °C
										CLAD OR LINING		EXTERNAL	62 kPa(ga) @ 65 °C	- kPa(ga) @ - °C
										SUPPORTS	SA-516-70	WIND	SPEC. XA-A00-Z-15-0004	SEISMIC: SPEC. XA-A00-Z-15-0004
										NOZZLES	FLANGE: SA-105(N)	MIN. DESIGN METAL TEMP.	-27 °C	@ kPa(ga)
										MANHOLES/HANDHOLES	FORGINGS: SA-105(N) & SA-350-LF2	LIQ. SPECIFIC GRAVITY	0.488-0.668	SERVICE: SWEET
										COVER	SA-105(N)	MAWP (INT) AT DESIGN TEMP. & CORR.	1275 kPa(ga) LIMITED BY HEADS	
										GASKETS	316 S/S SPIRAL WOUND - FLEXITALIC	MAWP (EXT) AT DESIGN TEMP. & CORR.	84 kPa(ga) LIMITED BY SHELL	
										BOLTING	PRESS: SA-193 B7 TEF. CTD	MAP (NEW & COLD)	1392 kPa(ga) LIMITED BY HEADS	
										NUTS	PRESS: SA-194 2H TEF. CTD	HYDROSTATIC TEST	1913 kPa(ga)	
										INTERNALS	PIPE:	CORROSION ALLOWANCE	SHELL & HEADS 1.8 mm	NOZZLES 1.8 mm
										STRUCT:	PLATE:	FIXED INTERNALS 3.2 mm	REMOV INTERNALS 1.8 mm	
										EXTERNALS	PLATE:	RADIOGRAPHY	100%	NDE PER CODE
										TRAYS		JOINT EFFICIENCY	PER CODE	
										SUPPORT RINGS		POST WELD HEAT TREATMENT	N.A.	
										REINFORC. PADS	SA-516-70(N)	IMPACT TEST:	N.A.	PRODUCTION TEST PLATE: N.A.
										STIFF. RINGS:	SA-516-70(N)	CODE: ASME SECT. VIII, DIV. 1	STAMPED:	Yes
										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-053-21.04-0; ES-053-21.12-0; ES-053-11.06-0; ES-053-11.07-0; ES-053-11.09-0; ES-053-11.10-0; ES-053-11.13-0; ES-053-11.14-0;				
										TOTAL WEIGHTS				
										OPERATING: 294900 kg; EMPTY: 72580 kg; TEST: 404600 kg; ERECTION: 72580 kg				
										C1 97-12-17 ISSUED FOR PURCHASE KOK LFK M.K.				
										B1 97-06-01 ISSUED FOR INQUIRY AIK				
										A1 97-06-28 ISSUED FOR OFFICE CHECK AIK				
										REV DATE DESCRIPTION BY CHK APP				

NOTE: VESSEL 2105C ADDED



SABLE OFFSHORE ENERGY PROJECT

MONENCO AGRA - BROWN&ROOT

Location: POINT TUPPER FRACTIONATION PLANT

Item Name: BUTANE STORAGE VESSEL Item No.: D2105A/B

Job No.: MBR098920 Contract No.: ZAPM2103

Owner Drawing No.: 98-CA-399735C

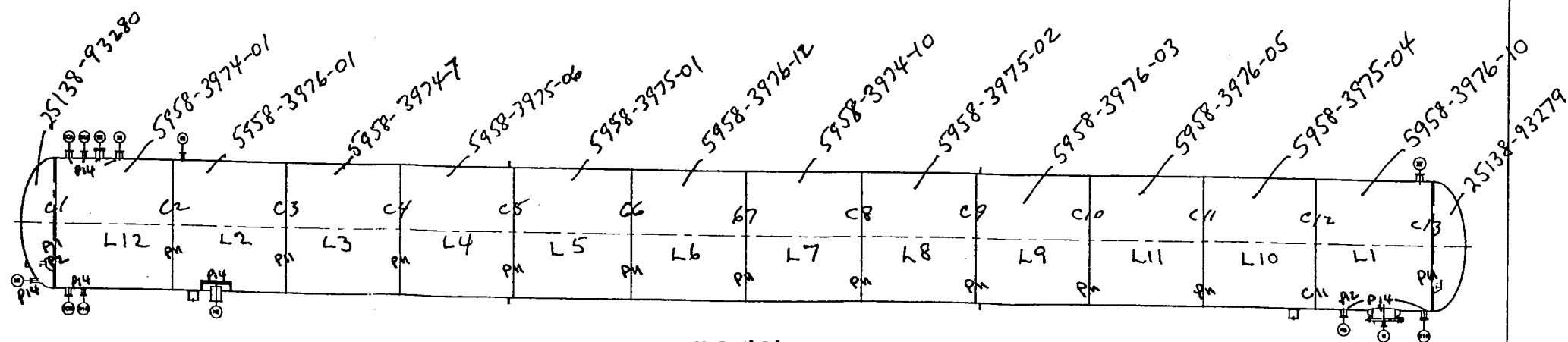
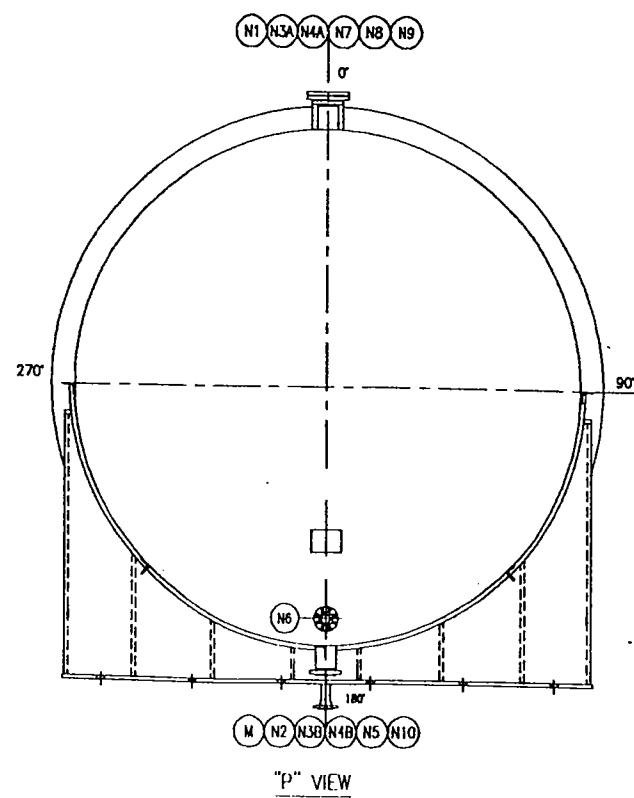
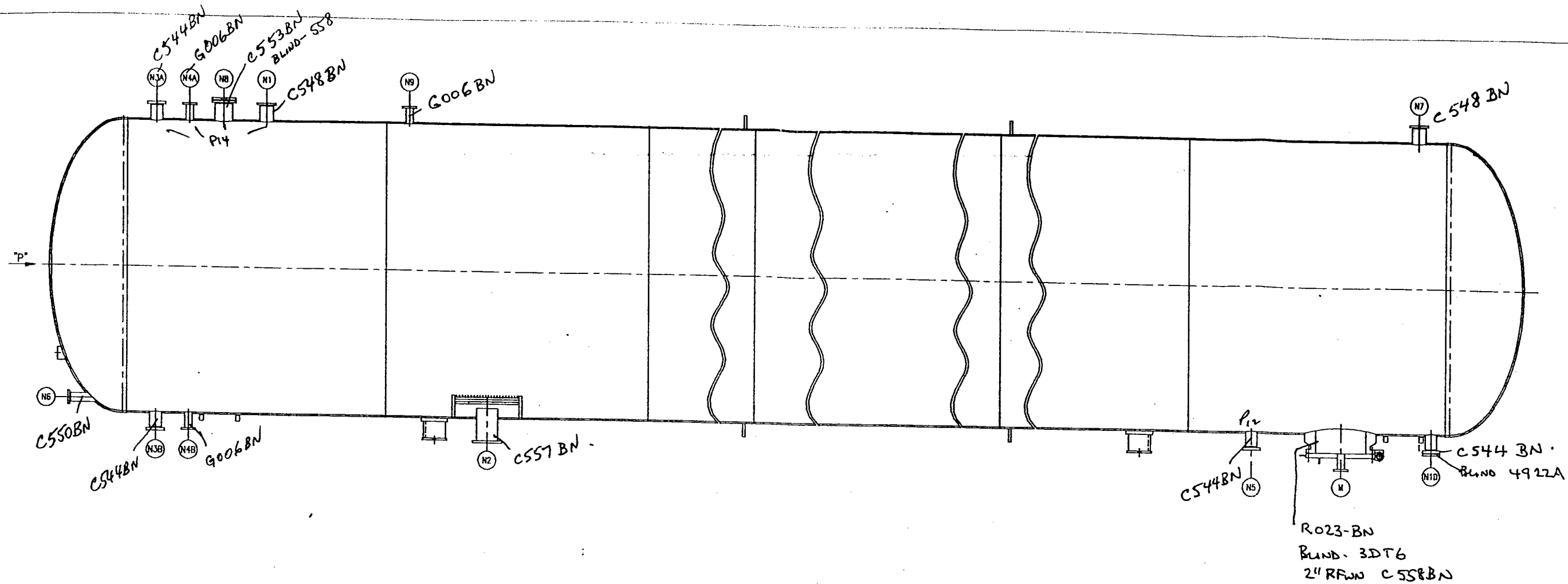
Date Sheet No.: DS-D2105-01



Origin: CALGARY

D, 92-2-15 AS BUILT

M.L. S.L. S.L.



SCALE: 1"=72"

9735c1 D2105A.

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BUTANE STORAGE VESSEL		DRAWN	SEP 25/98
HEAT MAP		CHECKED	
ITEM NO.: 02105A/B		APPROVED	
SCALE: 1"=72"		REV.	
D		98-CA-399735C	0