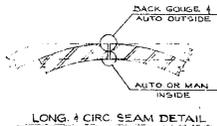


NOZZLE SCHEDULE AND NOZZLE WELDING DETAILS

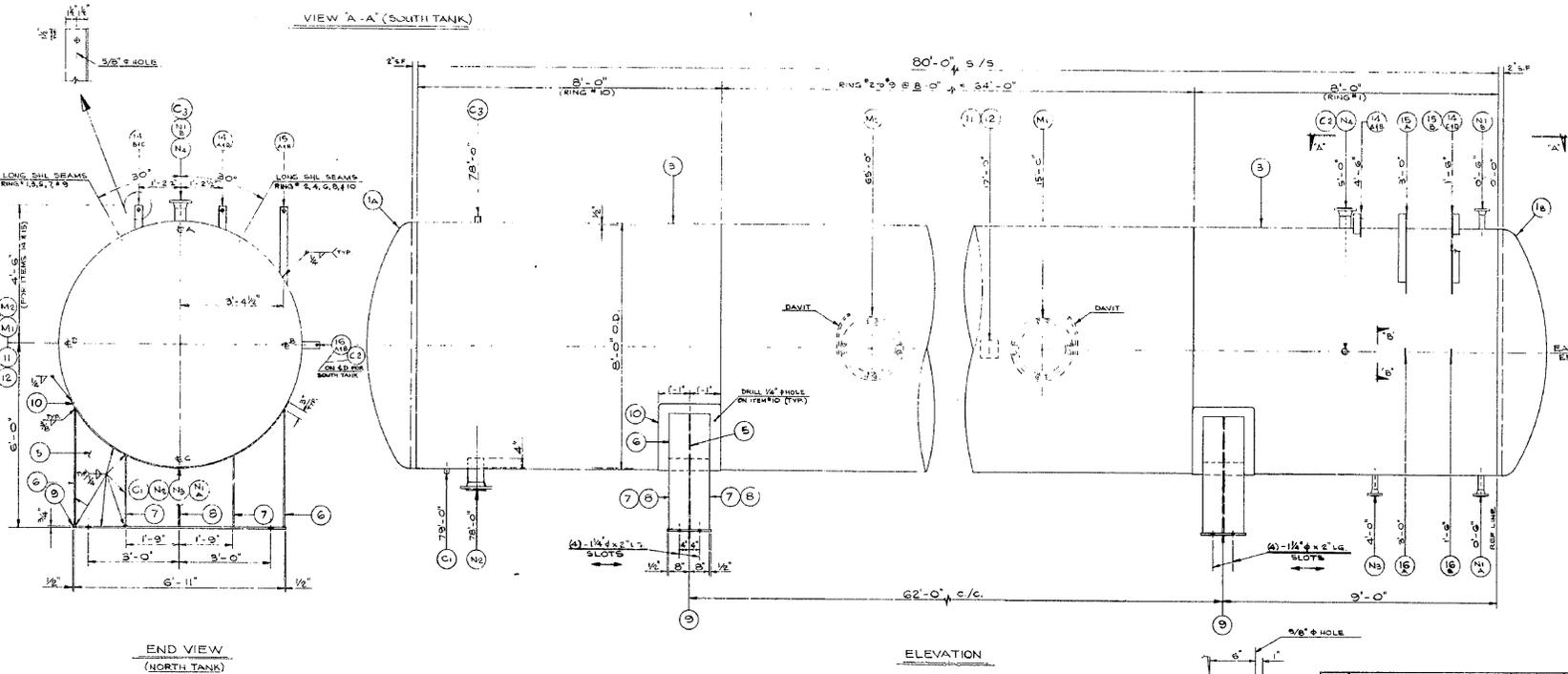
MARK NO.	NO. REQ'D	SIZE	ASA RATING & FACING	SERVICE	O.D. OF NOZZLE NECK	PROJECTION		REFIN. PAD WIDTH & THK.	WELDING DETAIL NO.	FILLET WELD SIZE				BILL OF MAT'L ITEM NO.	REMARKS
						OUTSIDE	INSIDE			A	B	C	D		
N1	2	2"	150° RF	LEVEL GA.	2 3/8"	0"	0"	2" x 3/8"	II, V	3/8"			18, 19		
N2	1	6"		OUTLET	6 3/8"	0"	4"	2" x 3/8"	III, V	3/8"	1/4"		13, 17, 20		
N3	1	2"		INLET	2 3/8"	0"	0"	2" x 3/8"	II, V	3/8"			18, 19		
NA	1	4"		RELIEF	4 1/2"	0"	1/2" MIN.	2" x 3/8"	III, V	3/8"	1/4"		22, 23, 24		
M1	2	18"	150° RF	MANWAY	18"	10"	1" MIN.	3" x 3/8"	II, IV	3/8"	1/4"	3/8"	25, 26, 27	1/4" BLIND FLAVIT	
C1	1	1"	3000° COUP	DRAIN	1 3/4"				II	3/8"			29		
C2	1	3/4"	3000° COUP	T1	1 3/8"				II	3/8"			30		
C3	1	1/2"	3000° COUP	WAPR RETURN	2 1/2"				II	3/8"			28		



ITEM NO.	PART NO. OR REQ. NO.	QTY. TOTAL FOR ONE VESSEL	DESCRIPTION	MAT'L
1		2	HEAD - 96" O.D. x 507" MIN. F 4 D, 90" I.D.R.	A-516-70
2		10	570" L.K.R. 1/2" S.F.	A-516-70
3		10	96" x 1/2" x 300" LG (ROLL TO 8'-0" O.D.)	A-516-70
4		2	45 1/2" x 82" LG.	A-283-C
5		4	18" x 1/2" x 45 1/2" LG.	A-283-C
6		8	7 3/4" x 1/2" x 27 1/2" LG.	A-283-C
7		4	7 3/4" x 1/2" x 22 1/2" LG.	A-283-C
8		2	17" x 3/4" x 84" LG.	A-516-70
9		2	26" x 3/8" x 107" LG (ROLL TO 4'-0" I.D.)	A-516-70
10		2		C.S.
11	09-CU-314	1	NAME PL. BRKT.	C.S.
12	09-C5-1301	1	NAME PL.	ST/STL
13		1	6"-160" ANSI RF. WN. FLG. 1/4" XNY BORE	A-181-1
14		4	1 3/8" x 3/4" x 8 1/2" LG. (TRIM ONE END)	A-36
15		2	1 3/8" x 3/4" x 8 1/2" LG. (TRIM I END)	A-36
16		2	BAR 3" x 3/8" x 7" LG.	C.S.
17		1	6" XNY SMLS. PIPE X 9" LG. (BOE)	A-106-B
18		3	2"-150" ANSI RF. WN. FLG. 1/4" XNY BORE	A-181-1
19		3	2" XNY SMLS. PIPE X 6" LG. (BOE)	A-106-B
20		1	R 1 1/2" DIA. x 3/8" THK. (FORM REIN. PAD)	A-516-70
21		1		A-181-1
22		1	4"-150" ANSI RF. WN. FLG. 1/4" XNY BORE	A-181-1
23		1	4" XNY SMLS. PIPE X 6 1/2" LG. (BOE)	A-106-B
24		1	R 8 1/2" O.D. x 3/8" THK. (FORM REIN. PAD)	A-516-70
25		2	18"-150" ANSI RF. S.D. FLG.	A-181-1
26		2	18 1/2" x 1/2" x 55" LG. (ROLL TO 1'-0" O.D.)	A-516-70
27		2	18 1/2" x 1/2" x 55" LG. (FORM REIN. PAD)	A-516-70
28		1	1 1/2" - 3000° COUP LING	A-106-B
29		1	1 1/2" - 3000° COUP	A-106-B
30		1	3/4" - 3000° COUP	A-106-B

FURNISH & INSTALL.

FOR M1	2	18"-150" ANSI RF. BLIND FLG.	A-181-1
	2	18" S.K.T. FOR 18"-150" ANSI RF. FLG.	JM-80
	32	1 1/2" DIA. x 5 3/4" LG. STUDS 6WK 2 X 1/2" NUTS EA	A-181-1



PROVINCE OF ALBERTA
 DEPARTMENT OF MANUFACTURES & LABOUR
THE BOILERS & PRESSURE VESSELS ACT
 REG. NO. **B-9538**

NAME PLATE STAMPING

SERIAL No. **3539.2** - **BLT.**
 CR. No. **B-100** - **CA-0885**
 MAX. WP. **100** PSIG - **M.W.T. 100** - **F**
 SPEC. SH. **A-516-70** - **T.S. 70,000**
 SPEC. HD. **A-516-70** - **T.S. 70,000**
 SH. THK. **.530"**
 HD. THK. **.507" MIN.**
36" O.D. x 80'-0" LG. (S/S)
HORIZONTAL STORAGE TANK

APPROVED: **MAR 25 1974**
 A. I. R. REES
 Chief Inspector

GENERAL NOTES

CONSTRUCTION IN ACCORDANCE WITH A.S.M.E. CODE SECT. VIII, 1971 EDITION, DIV. I INSPECTION BY THE PROVINCIAL GOVERNMENT BOILER INSPECTOR.

DESIGN PRESSURE **100** PSIG @ **100** °F. CORROSION ALLOWANCE **.0625"**

HYDROSTATIC TEST @ **108** PSIG (LTD BY HEADS)

POST WELD HEAT TREAT (STRESS RELIEVE) **NO** MINUTES @ **1100°F.**

RADIOGRAPH **SPOT** EXCEPT **100%** FOR HEAD TO SHELL SEAMS

ALL DIMENSIONS ON **O** ARE TO REFERENCE LINE UNLESS OTHERWISE NOTED.

ALL BOLT HOLES TO STRADDLE VESSEL CENTERLINES UNLESS OTHERWISE NOTED.

STENCIL SERVICE OF NOZZLES WHERE MARKED THUS: **←**

VESSEL TO BE THOROUGHLY CLEANED INSIDE AND OUT.

PROTECT ALL OPENINGS FOR SHIPMENT.

EXPOSED INSIDE EDGES OF NOZZLES AND MANWAYS TO BE ROUNDED TO **1/4"** MIN. RADIUS.

PAINT **ONE (1) COAT ZINC CHROMATE**

ESTIMATED SHIPPING WEIGHT **48,800** LBS.

REF. DWG'S: LADDER & PLATFORM DETAILS - **36-CL-9376**
 DAVIT - **99-CM-3201 (4 REQ'D)**

2 VESSELS REQ'D.

CUSTOMER **E. L. COX LTD.** WORK-SHEET **73296-018**

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BLACK, SIVALLS & BRYSON LTD.
 EDMONTON, ALTA., CANADA
 REGINA, SASK., CANADA
 CALGARY, ALTA., CANADA

DATE: **JAN 2/74** BY: **GR** CHECKED: **GR** DATE: **62 JAN 7/74**

APPROVED BY: **DCL** DATE: **62 JAN 7/74**

36-CL-9375