



NOTES:
1. DIMENSIONS TO BE IN MILLIMETERS UNLESS OTHERWISE SHOWN.
2. NOZZLE PROJECTION FROM OUTSIDE OF SHELL TO FACE OF FLG. UNLESS OTHERWISE SHOWN TO BE:
SIZE 4" 4" SMALLER 24"
PROJECTION 188 284

REF DWG:
S-3918-1 HEAD PLATE LAYOUT
S-3918-2 BOTTOM ENTRY DAVIT
ST-214-O-18 WELD STD
ST-37-O-5 NAME PLATE
ST-61-O-2 NAME PLATE BRKT

BILL OF MATERIAL									
QTY	NO	REV	DESCRIPTION	UNITS	QTY	NO	REV	DESCRIPTION	UNITS
3	1		SHELL 3/4" X 2134 I.D. X 1241 LG	7591	310				
3	1		SHELL 3/4" X 2134 I.D. X 1241 LG	1503	310				
3	1		SHELL 3/4" X 2134 I.D. X 1241 LG	1598	310				
1	2		WEB 3/4" X 1121 X 1700 LG	164					
2	2		BASE 3/4" X 205 X 1700 LG	124					
3	2		WEAR 3/4" X 230 X 260 LG	118					
4	4		SIDE 3/4" X 170 X 1121 LG	78					
5	4		QUICK 3/4" X 53 X 577 LG	20					
1	1		FLG 3"-180 RFWN SCH STD BORE FLAT	5	PI				
1	1		NECK 3" SCH STD PIPE X 118 LG	2	NI				
1	1		RAD 3/4" X 203 O.D. X 92 LG	4					
1	1		FLG 3"-180 RFWN SCH STD BORE	5	PI				
1	1		NECK 3" SCH STD PIPE X 118 LG	2	NI				
1	1		RAD 3/4" X 203 O.D. X 92 LG	4					
1	1		FLG 3"-180 RFWN SCH STD BORE	5	PI				
1	1		NECK 3" SCH STD PIPE X 118 LG	2	NI				
1	1		RAD 3/4" X 203 O.D. X 92 LG	4					
1	1		FLG 2"-180 RFWN SCH STD BORE	3	PI				
1	1		NECK 2" SCH STD PIPE X 134 LG	1	NI				
1	1		FLG 2"-180 RFWN SCH STD BORE	3	PI				
1	1		NECK 2" SCH STD PIPE X 134 LG	1	NI				
1	1		FLG 2"-180 RFWN SCH STD BORE	7	PI				
1	1		NECK 2" SCH STD PIPE X 134 LG	3	NI				
1	1		RAD 3/4" X 227 O.D. X 117 LG	5					
1	1		FLG 2"-180 RFWN SCH STD BORE	7	PI				
1	1		NECK 2" SCH STD PIPE X 134 LG	2	NI				
1	1		RAD 3/4" X 227 O.D. X 117 LG	5					
1	1		FLG 2"-180 RFWN SCH STD BORE	3	PI				
1	1		NECK 2" SCH STD PIPE X 134 LG	1	NI				
1	1		FLG 24"-180 RFWN SCH STD BORE	118	PI				
1	1		NECK 24" SCH STD PIPE X 191 LG	27	NI				
1	1		RAD 3/4" X 948 O.D. X 611 LG	68					
1	1		BLD. FLG 24"-180 RFWN	178					
1	1		GSNT - FLG X TAILLIG 1/2" X 1/2"	1					
20	1		STUDS - 1/2" X 178 LG 4W HLTS	38					
1	1		DAVIT - DWG S-3918-2						
2	1		CPLG 3/4" - 3000	1	CI				
1	1		FAB'D CPLG. 1"-3000 X 118 LG	1	CI				
1	1		FAB'D CPLG. 1"-3000 X 118 LG	1	CI				
1	1		NAME PLATE QW BRKT	1					
1	1		SEE DWG. S-3918-18-1						
TOTAL WT = 1598 KG									

DESIGN DATA				MATERIAL SPECIFICATIONS			
FABRICATE & DESIGN TO	ASME UW 12(b) DIV. 1 SECT. VIII, 1977	SHELL	SA-516-70	HEADS	SA-516-70	PLATE	SA-516-70
DESIGN PRESS.	1723 KPa.	HAZOP	1723 KPa.	DESIGN TEMP.	37°C		
CRACK	SPOT	HAZOP	NO				
EFFY JOINT SHELL CIRC.	85%	EFFY JOINT SHELL LONG.	85%				
EFFY HEAD	85%	EFFY HEAD	D-5887.2				
DESIGN LIMITED BY	DESIGN	HAZ. PRESS NEW & OLD					
HYDROSTATIC TEST	2585 KPa.	HEATING SURFACE CO. PT.					
SHELL THK. NEW	17.08 mm	COR. ALLOW.	NIL				
HEAD THK. NEW	11.11 mm (MIN)	COR. ALLOW.	NIL				
VOLUME	40.34 m³	WT. EMPTY	13660 KG	WT. FULL OF WATER	83.370 KG		
ALL ONLY HELD TO STRADDLE CENTER LINE UNLESS OTHERWISE NOTED							

REV.	DESCRIPTION	DATE	BY	CHKD.	APP.
1	SHELLS 34 & 35 LENGTHS REV.	7 MAR 00	DL	GM	
2	REV. NOZZLE ELEV., REV. & DISTANCE OF SADDLE	15 FEB 00	DL	GM	
3	REV. SHELL SURV. & DIST. LIGHT ADDED				

W.S. SHOP F 6315 W.S. FIELD PURCHASE ORDER NO. CUSTOMER NAME FRONTIER ENG'G & CONSULTING LTD 4191 C. CODE 5180 F. CODE 42-441 L.C. 1

CESSCO
FABRICATION AND ENGINEERING
EDMONTON ALBERTA

250 BBL. LRG STORAGE VESSEL
2134 I.D. X 9844 T/T X 1723 KPa. @ 37°C X NCA

DATE 6 FEB 00 DRAWN BY DL SCALE NIL CHECKED BY GM APPROVED GM DWG. NO. S-3918-0-2