



BILL OF MATERIAL					
MARK	SIZE	DESCRIPTION	QTY	WEIGHT	
1	1	PIPE, S/80 SMLS, SA-106-B PBE	2620 MM	8.5	
2	1	PIPE, S/80 SMLS, SA-106-B TBE	43 MM	0.2	
3	1	UNION, SW 3000LB, SA-105N	1	1.4	
4	1	90 ELL, SW 3000LB, SA-105N	5	5.1	
5	1	45 ELL, SW 3000LB, SA-105N	1	1.0	
6	1	UNION, SWxTHRD 3000LB, SA-105N	1	1.4	
7	1	GATE VALVE, 800LB SW	1	3.8	
TOTAL FABRICATION WEIGHT				21.0	

CUT PIPE LENGTH

PIECE NUM	LENGTH (MM)	SIZE (INCH)
<A>	55	1
	76	1
<C>	76	1
<D>	550	1
<E>	1141	1
<F>	554	1
<G>	76	1
<H>	49	1
<I>	43	1
<J>	43	1

THRD. & S.W. PIPING
 - SHOP RUN
 - SHOP CHECK
 - SHOP SUPPORT ON ASSEMBLY

NOTES:

- REGISTERED QUALITY CONTROL PROGRAM AQP 1084 FOR FACILITY AT 7550-114 AVE SE CALGARY AB.
REGISTERED QUALITY CONTROL PROGRAM AQP 1316 FOR FACILITY AT 502 MITCHELL STREET NORTH REDCLIFF AB.
- EXTERIOR & INTERIOR OF PIPE TO BE FREE OF WELD SLAG, SPATTER, GREASE, MOISTURE, ETC.
- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE NOTED.
- ALL PIPING CUT LENGTHS ARE CALCULATED WITH A (3 mm) WELD GAP.
- FOR TACK WELDS USE PES-WPS-02
- DESIGN PRESSURE EQUALS MAWP.

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LINE NUMBER	1" -NPT_300_H. P. GLYCOL IN		SPEC	600#	FLUID SERVICE	NORMAL FLUID SERVICE		PIPE CODE	ASME B31.3 (LATEST EDITION & ADENDA)		WPS	PES-WPS-01/03		CLIENT	STOCK		
FITTING TO PIPE	SOL/TOL/WOL	TRANSITION WELD	PIG BAR WELD	RFSO FLANGE	SOCKET WELD			DES. PRESS.	9928 kPa (1440 PSI)		CA	1.6mm (0.0625")		<p>PROJECT 24" OD X 28'-0" S/S 1440 PSI AB SOUR DEHY. PACKAGE PIPING ISOMETRIC</p> <p>FROM GGEX-100</p> <p>TO V-600 (C13)</p> <p>JOB NO 30086 DWG. NO. 30086-ISO-05 SHT 1 OF 1 REV. 0</p>			
								DES. TEMP.	38°C (100°F)		SANDBLAST	SSPC-SP3					
								MMDT	-29°C (-20°F)		PRIME	(1) COAT OF WARM GRAY DTM					
								TEST PRESS.	14892 kPa (2160 PSI)		PAINT	(1) COAT OF WARM GRAY DTM					
1) PES-WPS-03	2) PES-WPS-01	3) PES-WPS-21	4) PES-WPS-01	5) PES-WPS-01	6) PES-WPS-01	REV.	REVISION DESCRIPTION	DATE	BY	CHK'D	APP'D	DESIGN DATA		DRAWN BY	LL	17-07-07	
						0	ISSUED FOR CONSTRUCTION	17-07-07	LL	BX	DG	CHK'D BY	BX	17-07-07	APP'D BY	DG	17-07-07