



BILL OF MATERIAL				
MARK	SIZE	DESCRIPTION	QTY	WEIGHT
1	4	PIPE, S/80 SMLS, SA-106-B	1382 MM	22.3
2	4X1	THREDOLET, 3000LB, SA-105N	2	1.2
3	4	ELL, 90 LR S/80, SA-234-WPB	2	7.9
4	1	PLUG HEX HEAD, THRD 3000LB, SA-105N	2	0.7
5	4	FLG, RFWN 600LB S/80 BDRE, SA-105N	6	152.4
6	4	GASKET, RF 600LB, 1/8" FLEXICARB FLEXIBLE GRAPHITE, 316SS	5	5.0
7	7/8X5 3/4	STUD BOLTS W/ 2 NUTS, 193-B7M/194-2HM	40	5.0
8	4	METER-RUN-600#	1	350.0
TOTAL FABRICATION WEIGHT				544.3

CUT PIPE LENGTH		
PIECE NUM	LENGTH (MM)	SIZE (INCH)
<A>	642	4
	271	4
<C>	298	4

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		4" -600_M_S-600-GAS OUTLET		SPEC	600#	FLUID SERVICE	NORMAL FLUID SERVICE	PIPE CODE	ASME B31.3 (LATEST EDITION & ADENDA)	WPS	PES-WPS-02/04		CLIENT	STOCK
FITTING TO PIPE	SOL/TOL/WOL	TRANSITION WELD	PIG BAR WELD	RFSO FLANGE	SOCKET WELD	DES. PRESS.	9928 kPa (1440 PSI)	DES. TEMP.	38°C (100°F)	CA	3.2mm (0.125")		PROJECT	24" OD X 28'-0" S/S 1440 PSI AB SOUR DEHY. PACKAGE PIPING ISOMETRIC
1.) PES-WPS-04	2.) PES-WPS-02	3.) PES-WPS-16A	4.) PES-WPS-02	5.) PES-WPS-02	6.) PES-WPS-02	MMDT	-29°C (-20°F)	TEST PRESS.	14892 kPa (2160 PSI)	SANDBLAST	SSPC-SP6	FROM	ISO-02	
REV.						ISSUED FOR CONSTRUCTION	17-10-11	LL	BX	DG	PAINT	(1) COAT OF FAST PRIMER	TO	TP-B (SKID EDGE)
REV.						REVISION DESCRIPTION	DATE	BY	CHK'D	APP'D	INSUL	NO	JOB NO	30086
REV.						REVISION DESCRIPTION	DATE	BY	CHK'D	APP'D	HEAT TRACE	NO	DWG. NO.	30086-ISO-03
REV.						REVISION DESCRIPTION	DATE	BY	CHK'D	APP'D	PWHT	YES	SHT	1 OF 1
REV.						REVISION DESCRIPTION	DATE	BY	CHK'D	APP'D	IMPACT TEST	NO	REV.	0