SUPPLIER DOCUMENT COVER SHEET

MCDERMOTT

233124 PSC Modifications
Imperial Oil Resources Limited

Imperial

Supplier Name:	PENTICTON FOUNDRY LTD.
Purchase Order Title:	K2 CWI PIPING
Equipment / Tag Number(s):	
Supplier Document No:	1397868-A05-0009

Supplier's Revision Record

1	Oct. 17, 2018	For Review	Penticton		
0	Aug. 07, 2018	For Review	Penticton		
Rev.	**Date**	**Issue**	**By**	**Checked**	**Approved**

Project Document Number

Project No.	Purchase Order No.				Seq. No.
233124	1397868	-	A05	-	0009

DOCUMENT TITLE: SP-K3492

SUPPLIER DOCUMENT REVIEW

Purchaser's review of Supplier's documents does not relieve Supplier of the responsibility for correctness under the Purchase Order. Permission to proceed does not constitute acceptance of design, detail and calculations, test methods or materials developed or selected by the Supplier and does not relieve the Supplier from full compliance with the Purchase Order or any other obligations, nor detract from any of the Purchaser's rights.

Purchaser's review status as per tick the appropriate box:			Purchasers review / reviewer	
			Date	Signature
	CODE 1:	No Comments		
	CODE 2:	Reviewed with Minor Comments		
	CODE 3:	Reviewed with Comments	Nov 5, 2018, 10:53 AM MST	Ms Rebecca van Hoeve - CBI
	CODE 4:	Rejected		
	CODE 5:	Superseded		
	CODE 6:	Void		
	CODE 7:	For Information		

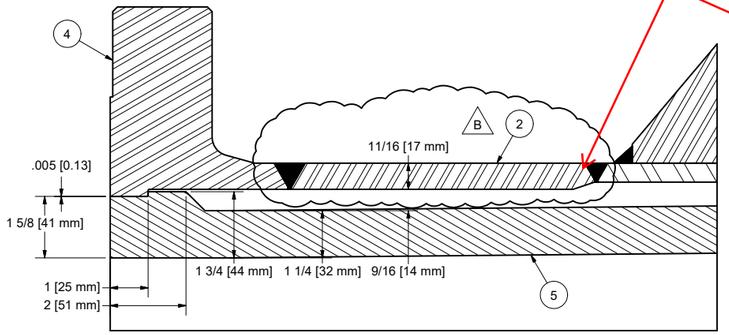
IMPORTANT
Should the Supplier consider that any comments made by the Purchaser change the Scope of Supply, the Supplier shall advise the price and delivery implications of such changes within five working days of receipt. The Supplier must not incorporate such changes without prior approval of the Purchaser of the revised price and/or delivery period. RETROSPECTIVE CLAIMS WILL NOT BE CONSIDERED.

Supplier - Purchaser Interface Data Freeze

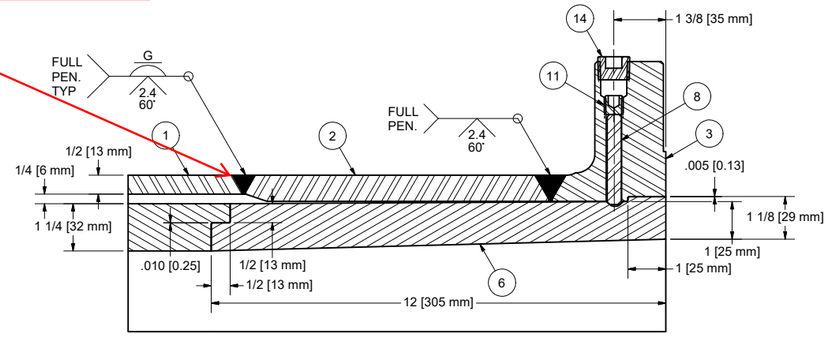
MCDERMOTT Name:	Signature:	Date:

The document consists of this front sheet plus 1 page.

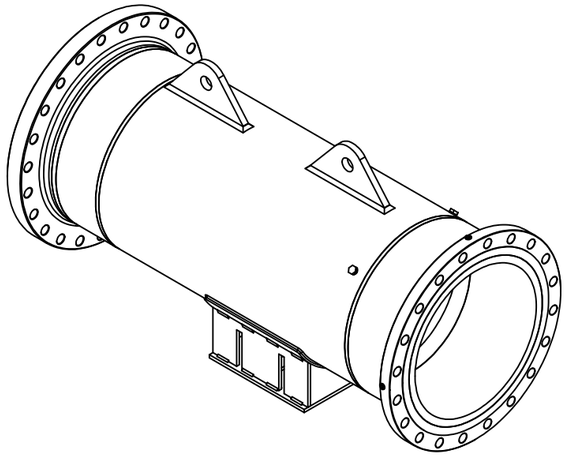
Confirm the taper meets ASME B31.3 requirement, max taper 30 deg.

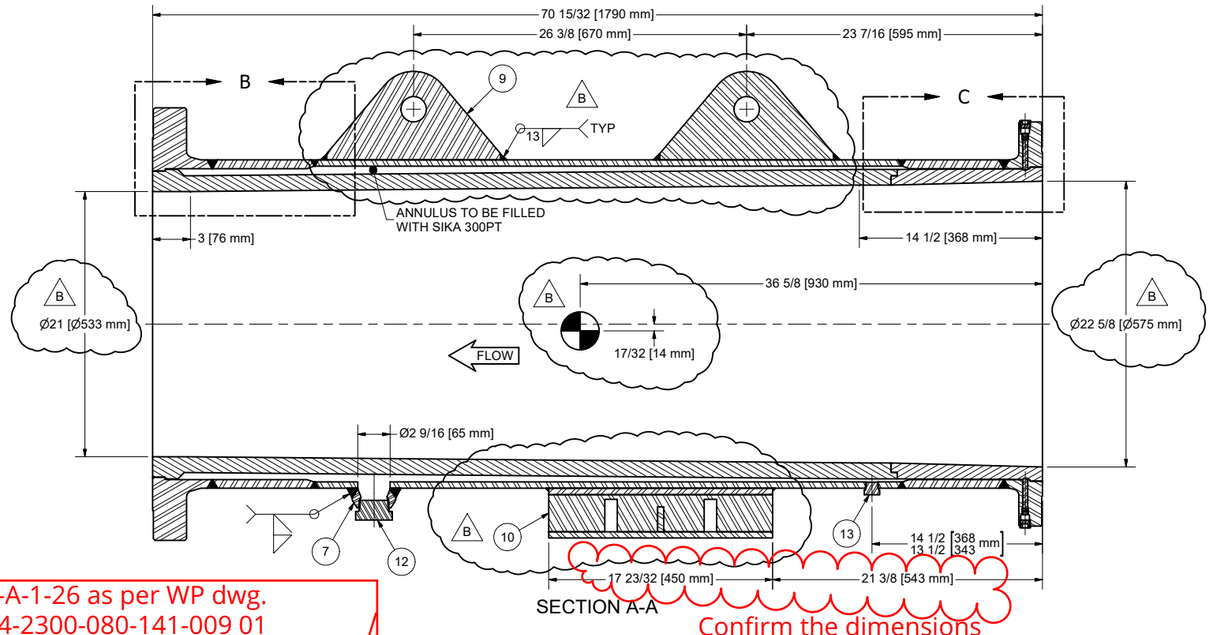


DETAIL B



DETAIL C



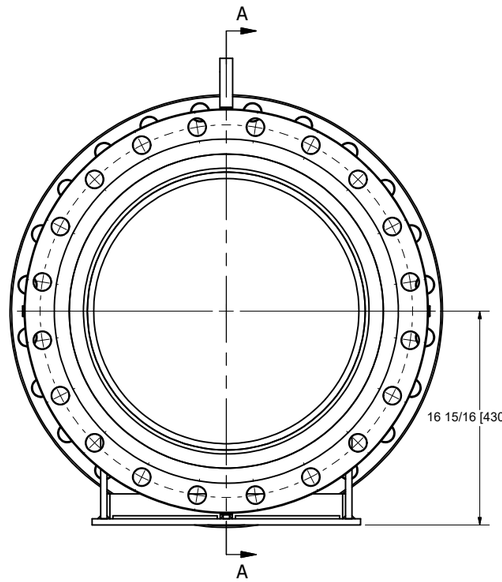


SECTION A-A

S4-A-1-26 as per WP dwg. 074-2300-080-141-009 01

Confirm the dimensions

BILL OF MATERIAL			
ITEM	ITEM QTY	PART NUMBER	DESCRIPTION
1	1	A1-18001-100-01 26in pipe	26" XS x 1179mm PIPE, API 5L Gr.B PSL-2
2	1	A1-18001-100-02 26in pipe	26" x 17.5mm WALL x 203mm PIPE, API 5L Gr.B PSL-2
3	1	A1-18001-100-03 24in CL150 RF flange - custom	24" CLASS 150 ASMR B16.5 RFSO FLANGE, A105N, Ø24 5/8" BORE
4	1	A1-18001-100-04 26in CL150 RF flange - custom	26" CL150 ASME B16.47 Ser.A RFWN FLANGE, A105N, Ø24 1/4" BORE
5	1	A1-18001-100-05 HCWI reducer	575mm ID x 24mm WALL x 559mm ID x 32mm WALL x 1523mm HCWI REDUCER, ASTM A532 CLASS III TYPE A, PF#
6	1	A1-18001-100-06 24in HCWI liner - pup	575mm ID x 32mm WALL x 305mm HCWI LINER, ASTM A532 CLASS III TYPE A, PF#
7	1	A1-18001-100-07 2in x 26in CL3000 threadolet	2" x 26" CLASS 3000 THREADOLET, A105N
8	4	A1-18001-100-08 Trap rod	Ø3/8" x 60mm ROUND BAR, A36
9	2	A1-18001-100-09 Lifting lug	350mm x 178mm x 1" PLATE, CSA G40.21 Gr.350 WT Cat.4, SEE: A1-17093-200-14
10	1	A1-18001-400-00 Pipe shoe - S4-A-2-26	SEE: A1-17093-070-00
11	4	ANSI B18.3 - 1/2-13 UNC x 0.5	1/2"-NC x 1/2" SOCKET HEAD SET SCREW, PLATED
12	1	ASME B16.11 Hex Head Plug 2	2"-NPT HEX HEAD PLUG, A105N
13	3	ASME B16.11 Hex Head Plug 3/4	3/4"-NPT HEX HEAD PLUG, A105N
14	4	Parker Countersunk Hex-Head Plug 219P 219P-8	1/2"-NPT SOCKET HEAD PLUG, A105N



SP-K3492

Confirm the description of Liners (Item 5 & 6 matches the drawing / pipe ID's

REVISION HISTORY		
REV	DATE	DESCRIPTION
B	10/17/18	CONVERTED TO CONCENTRIC LAYOUT, ADDED SECOND STUB PIPE, ADDED LIFTING LUGS, ADDED PIPE SHOE, ADDED CofG, CORRECTED IDs, ADDED MDMT
A	8/02/18	ISSUED FOR REVIEW

P.O.#	1397868
P.O. TITLE	MISC - K2 CWI PIPING
IOR #	141-3015-49
DOCUMENT #	1397868-A05-0009
SDRL CODE(S)	A05
EQUIPMENT TAG NUMBER(S) TAG #: SP-K3492	

SUPPLIER DOCUMENT REVIEW
PURCHASER'S REVIEW STATUS, CIRCLE THE APPROPRIATE STATUS:
CODE 1 - NO COMMENTS
CODE 2 - REVIEWED WITH MINOR COMMENTS
CODE 3 - REVIEWED WITH COMMENTS
CODE 4 - REJECTED
CODE 5 - SUPERSEDED
CODE 6 - VOID
CODE 7 - FOR INFORMATION
PURCHASER REVIEW / REVIEWER:
DATE: SIGNATURE:

Ms Rebecca van Hoeve
Nov 5, 2018, 10:53 AM

B

DESIGN CODE:	ASME B31.3, Add.2016 EDITION
SERVICE:	BITUMEN FROTH
DESIGN PRESSURE:	1580 kPag (229 psig)
DESIGN TEMPERATURE:	93°C (199°F) / -29°C (-20°F)
TEST PRESSURE:	3000 kPag (435 psig)
TEST TEMPERATURE:	15°C (59°F)
TEST DURATION:	10 MINUTES

REFER TO DRAWING A1-00001-100-01 FOR ALL GENERAL NOTES AND SPECIFICATIONS

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND IS LOANED SUBJECT TO THE AGREEMENT THAT NEITHER IT NOR ITS CONTENTS WILL BE DISCLOSED TO OTHERS FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM ALCO INC. OR ITS DIVISIONS.

EST. WT. 3,825 lbs.
UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN INCHES. BREAK ALL SHARP EDGES .01-.03R OR 45° . RADII .05 T.I.R. .010. INTERPRET DWG PER ANSI Y14.5 STANDARD.
TOLERANCES
X ± 1/16
X.X ± .030
X.XX ± .015
X.XXX ± .005
ANGLES ± 1/2°
125 FINISH ON ALL MACHINED SURFACES

DO NOT SCALE

DRAWN BY: GVD	DATE 10/17/18
CHECKED BY:	DATE
APPROVED:	DATE
MATERIAL & HEAT TREAT	

PENTICTON FOUNDRY

ALCO Industrial
11852 - 156 Street,
Edmonton, Alberta, Canada T5M 3Y5
Phone: (780) 451-6222 ♦ Fax: (780) 452-4355

TITLE
24" x 26" HCWI REDUCER - SPOOL SP-C3635
IOL KEARL PLANT 2 - EXTRACTION

PROJECT No.	REFERENCE	REV
A1-18001	074-2300-080-141-009 01	B

FILE NAME: A1-18001-100-00 Spool SP-K3492.idw
SHEET 1 OF 1