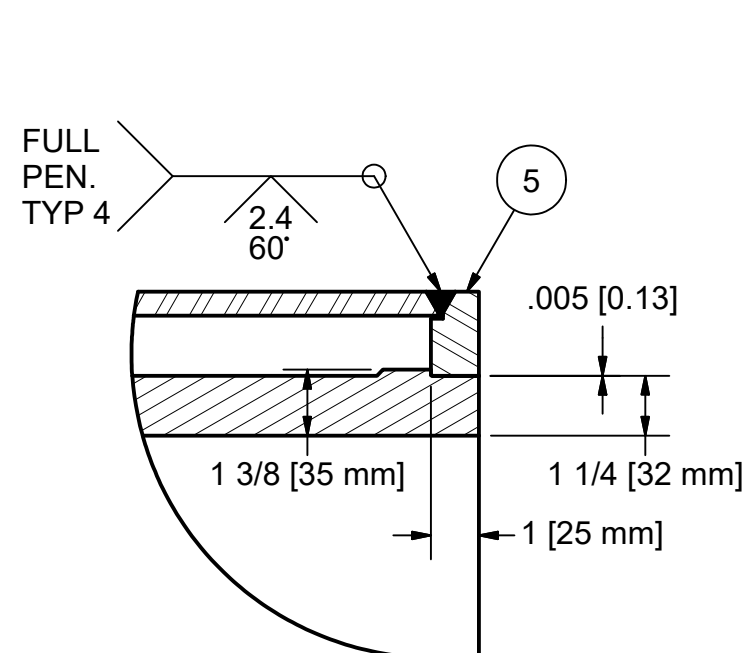
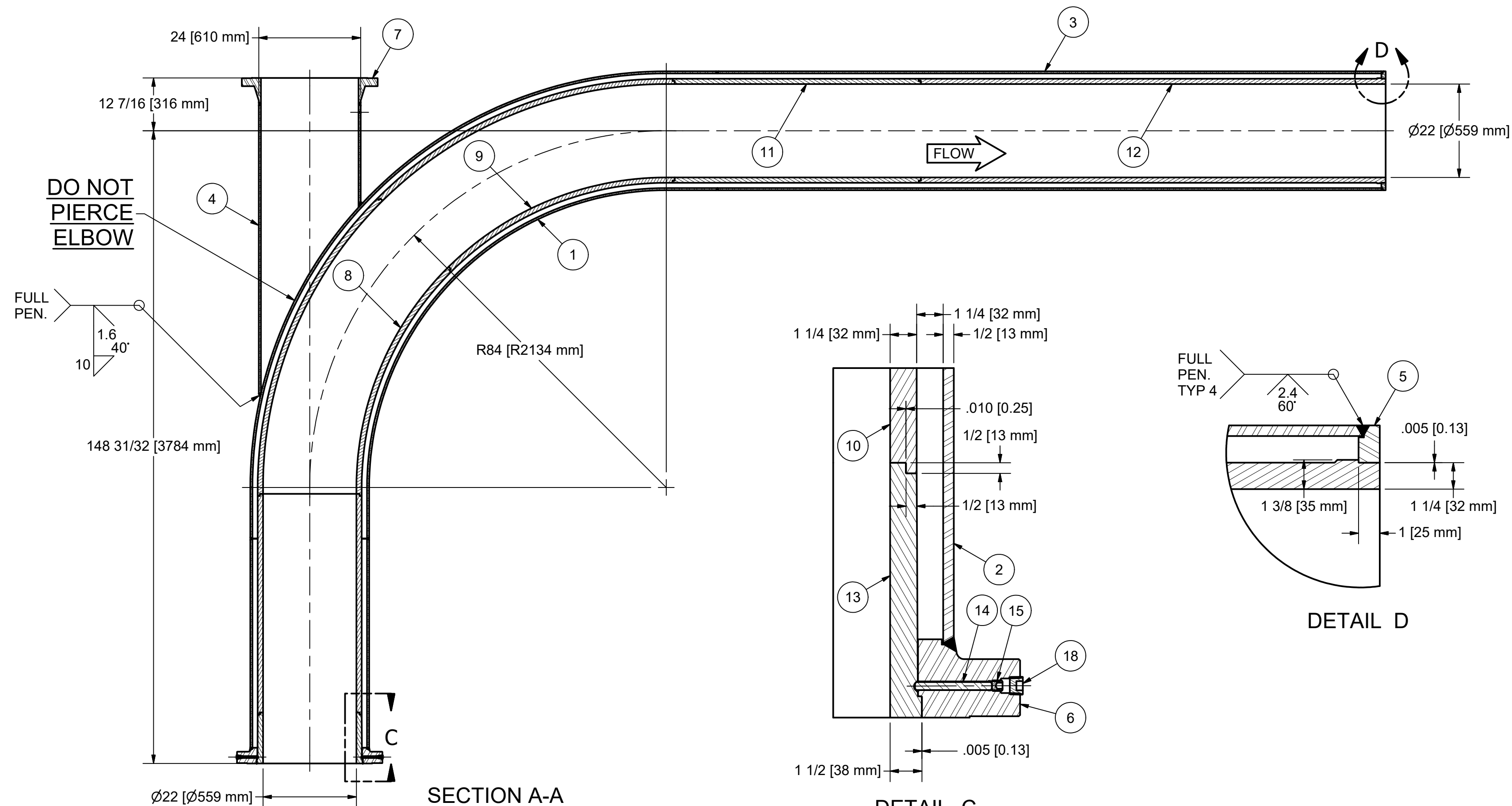
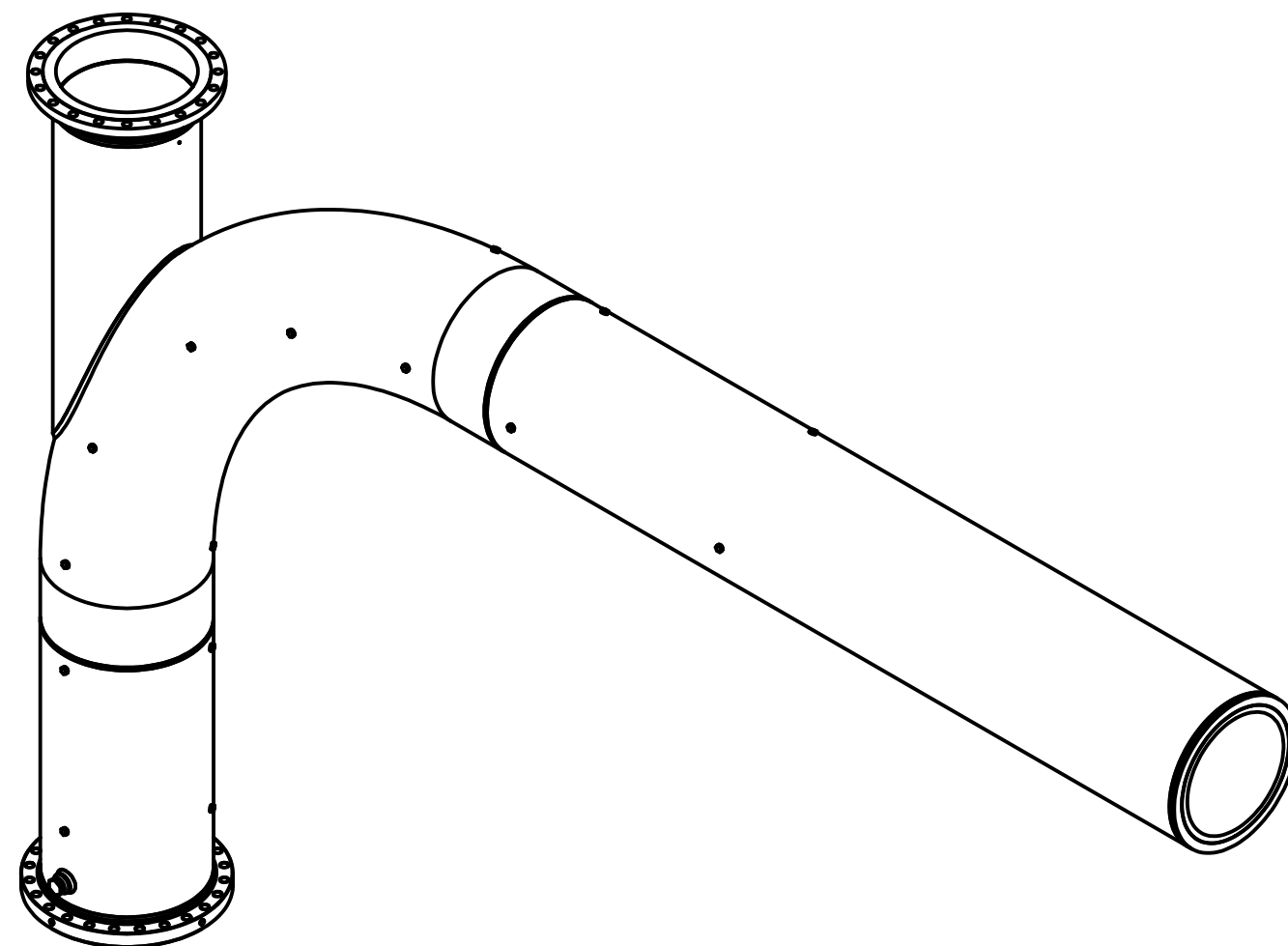
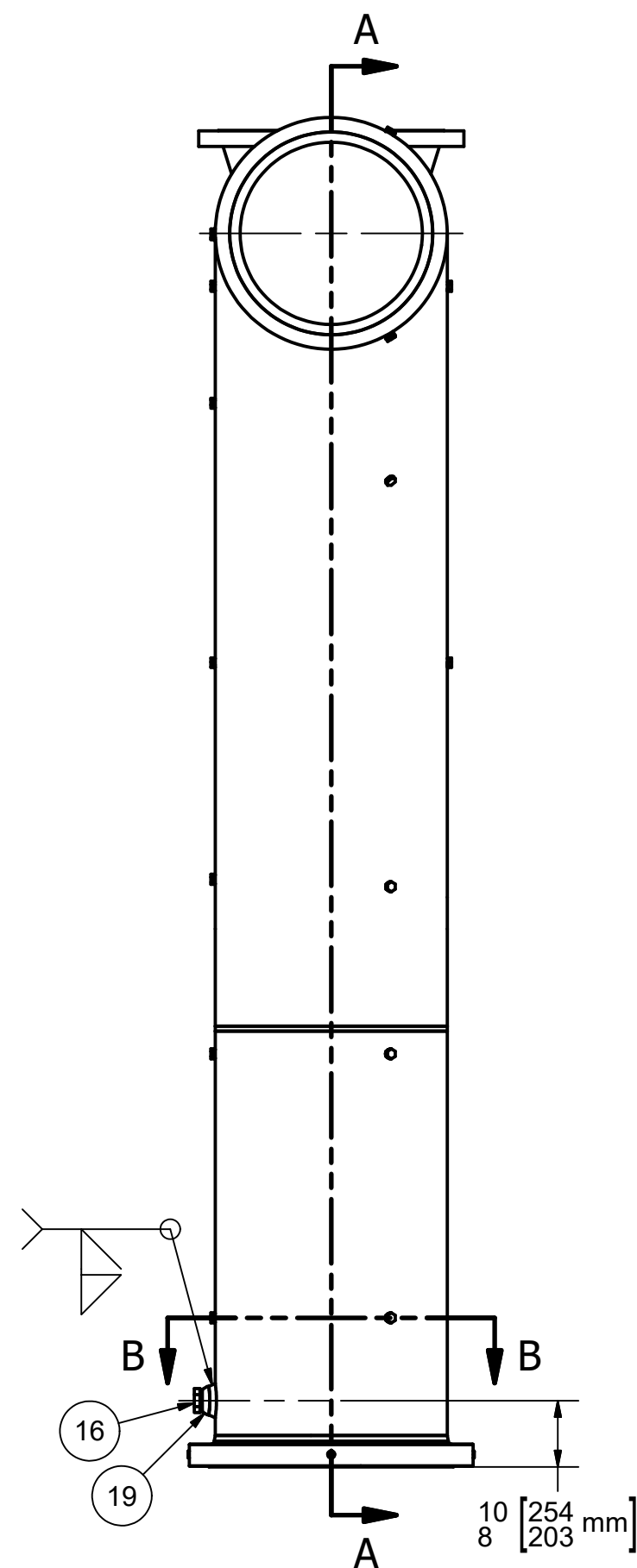


SECTION B-B



DETAIL D




P.O. #
P.O. TITLE
IOR #
DOCUMENT #
SDRL CODE(S)
EQUIPMENT TAG NUMBER(S)
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CODE 1 - NO COMMENTS CODE 2 - REVIEWED WITH MINOR COMMENTS CODE 3 - REVIEWED WITH COMMENTS CODE 4 - REJECTED CODE 5 - SUPERSEDED CODE 6 - VOID CODE 7 - FOR INFORMATION PURCHASER REVIEW / REVIEWER DATE: SIGNATURE:

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

BILL OF MATERIAL			
ITEM	ITEM QTY	PART NUMBER	DESCRIPTION
G	1	A1-18001-200-01 28in elbow	28"-3D XS x 90° ELBOW, API 5L Gr.B PSL-2, TANGENTS: 12"
	2	A1-18001-200-02 28in pipe - inlet	28" XS x 49 11/32" PIPE, API 5L Gr.B PSL-2
	3	A1-18001-200-03 28in pipe - outlet	28" XS x 156 9/16" PIPE, API 5L Gr.B PSL-2
	4	A1-18001-200-04 24in dummy leg	24" XS x 68 9/32" PIPE, A106 Gr.B
	5	A1-18001-200-05 End ring	Ø28" x Ø24 1/2" x 1' PLATE, A516 Gr.70N
	6	A1-18001-200-06 26in CL150 RF flange - custom	26" CLASS 150 RFSO FLANGE, A105N, Ø24 5/8" BORE
	7	A1-18001-200-07 24in CL150 RFWN flange	24" XS CLASS 150 RFWN FLANGE, A105N
	8	A1-18001-200-08 HCWI elbow - male	22" ID x 1 1/4" WALL x 84" RADIUS x 45° HCWI ELBOW, ASTM A532 CLASS III TYPE A, PF#
	9	A1-18001-200-09 HCWI elbow - female	22" ID x 1 1/4" WALL x 84" RADIUS x 45° HCWI ELBOW, ASTM A532 CLASS III TYPE A, PF#
	10	A1-18001-200-10 HCWI pipe - inlet	22" ID x 1 1/4" WALL x 51 31/32" HCWI LINER, ASTM A532 CLASS III TYPE A, PF#
H	11	A1-18001-200-11 HCWI pipe - center	22" ID x 1 1/4" WALL x 58 1/2" HCWI LINER, ASTM A532 CLASS III TYPE A, PF#
	12	A1-18001-200-12 HCWI pipe - outlet	22" ID x 1 1/4" WALL x 110" HCWI LINER, ASTM A532 CLASS III TYPE A, PF#
	13	A1-18001-200-13 26in HCWI liner - pup	22" ID x 1 1/4" WALL x 12" HCWI LINER, ASTM A532 CLASS III TYPE A, PF#
	14	A1-18001-200-14 Trap rod	Ø3/8" x 3 5/8" ROUND BAR, A36
	15	ANSI B18.3 - 1/2-13 UNC x 0.5	1/2"-NC x 1/2" SOCKET HEAD SET SCREW, PLATED
	16	ASME B16.11 Hex Head Plug 2	2"-NPT HEX HEAD PLUG, A105
	17	25 ASME B16.11 Hex Head Plug 3/4	3/4"-NPT HEX HEAD PLUG, A105
	18	4 Parker Countersunk Hex-Head Plug 219P 219P-8	1/2"-NPT SOCKET HEAD PLUG, A105
	19	A1-18001-100-09 2in x 28in CL3000 threadolet	2" x 28" CLASS 3000 THREADOLET, A105N

REVISION HISTORY		
REV	DATE	DESCRIPTION
A	8/02/18	ISSUED FOR REVIEW

PENTICTON FOUNDRIES LTD.
TO SUPPLY DIRECT TO JOBSITE
REFER TO DRAWING A1-00001-100-01 FOR
ALL GENERAL NOTES AND SPECIFICATIONS

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND IS NOT TO BE REPRODUCED OR IN ANY MANNER FOR ANY PURPOSE OR USED FOR ANY PROJECT WITHOUT THE WRITTEN PERMISSION FROM AN ALCO INC. OR ALCOSYSTEMS INC.	EST. WT. 18,480 lbs.	DO NOT SCALE		 ALCO Industrial 11650 - 156 Street, Edmonton, Alberta, Canada T5M 3T5 Phone: (780) 451-6222 x Fax: (780) 452-4355	SHEET 1 OF 1		
	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. BREAK ALL SHARP EDGES 01-03R OR 45° RADIUS 01 T.I.R. 010. INTERPRET DEW PER ANSI Y44.5 STANDARD.	DRAWN BY: GVD	DATE 8/02/18			CHECKED BY:	DATE
	TOLERANCES X .+/- 1/16 XX .+/- 1/32 XXX .+/- 0.015 XXXX .+/- 0.005	APPROVED:	DATE			TITLE 26" HCWI ELBOW - SPOOL SP-C3636 IOL KEARL PLANT 2 - EXTRACTION	
	MATERIAL & HEAT TREAT	PROJECT NO A1-18001				REFERENCE 074-2300-080-141-010 01	REV A
	FINISH ON ALL MACHINED SURFACES 125# 14-1/2	ANGLES 14-1/2	FILE NAME A1-18001-200-01 Spool SP-C3636.idw				

