



BILL OF MATERIAL				
ITEM	ITEM QTY	PART NUMBER	DESCRIPTION	HEAT No.
1	1	A1-18001-200-01 26in elbow	26"-3D XS x 90° FORGED ELBOW, A234 WPB	
2	1	A1-18001-200-02 26in pipe - inlet	28" XS x 1249mm PIPE, API 5L Gr.B PSL-2	
3	1	A1-18001-200-03 26in pipe - outlet	26" XS x 4435mm PIPE, API 5L Gr.B PSL-2	
4	1	A1-18001-200-04 24in dummy leg	24" XS x 1610mm PIPE, A106 Gr.B PSL-2	
5	1	A1-18001-200-05 End ring	Ø660mm x Ø597mm x 1" PLATE, A516 Gr.70N	
6	1	A1-18001-200-06 26in CL150 RFWN flange - custom	26" XS CL150 ASME B16.47 Ser.A RFWN FLANGE, A105N	
7	1	A1-18001-200-07 24in CL150 RFWN flange	24" XS CLASS 150 RFWN FLANGE, A105N	
8	1	A1-18001-200-08 HCWI elbow - male	533mm ID x 32mm WALL x 2134mm RADIUS x 45° HCWI ELBOW, ASTM A532 CLASS III TYPE A, PF#743107	
9	1	A1-18001-200-09 HCWI elbow - female	533mm ID x 32mm WALL x 2134mm RADIUS x 45° HCWI ELBOW, ASTM A532 CLASS III TYPE A, PF#743106	
10	1	A1-18001-200-10 HCWI pipe - inlet	533mm ID x 32mm WALL x 1320mm HCWI LINER, ASTM A532 CLASS III TYPE A, PF#743104	
11	2	A1-18001-200-11 HCWI pipe - center	533mm ID x 32mm WALL x 1473mm HCWI LINER, ASTM A532 CLASS III TYPE A, PF#743103	
12	1	A1-18001-200-12 HCWI pipe - outlet	533mm ID x 32mm WALL x 1473mm HCWI LINER, ASTM A532 CLASS III TYPE A, PF#743102	
13	1	A1-18001-200-13 26in HCWI liner - pup	533mm ID x 32mm WALL x 305mm HCWI LINER, ASTM A532 CLASS III TYPE A, PF#743101	
14	4	A1-18001-200-14 Trap rod	Ø3/8" x 86mm ROUND BAR, A36	
15	2	A1-18001-200-15 Lifting lug	450mm x 239mm x 1" PLATE, CSA G40.21 Gr.350 WT Cat.4	
16	1	A1-18001-400-00 Pipe shoe - S4-A-2-26	AS PER 074-0000-220-000-026 01	
17	1	A1-18001-100-07 2in x 26in CL3000 threadolet	2" x 26" CLASS 3000 THREADOLET, A105N	
18	4	ANSI B18.3 - 1/2-13 UNC x 0.5	Hexagon Socket Set Screw - Flat Point	
19	1	ASME B16.11 Hex Head Plug 2	Hex Head Plug	
20	28	ASME B16.11 Hex Head Plug 3/4	Hex Head Plug	
21	4	ASME B16.11 Hex Head Plug 1/2	Hex Head Plug	
22	1	Tag mount - 6in	C6x8.2 x 6" [152mm], 44W	

WELD MAP			
WELD No.	WELDER ID	NDT REPORT	WPS No.
W1			
W2			
W3			
W4			
W5			
W6			
W7			
W8			
W9			
W10			
W11			
W12			
W13			

WELDING CONSUMABLES		
WIRE TYPE	SIZE	LOT No.

APPROVED WPS	

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UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. BREAK ALL SHARP EDGES 01" (OR 0R 45° RADI) PER ANSI Y14.5 STANDARD.

TOLERANCES:
X.XX = ±.176
X.XX = ±.050
X.XX = ±.015
X.XXX = ±.005
ANGLES: ±.12°
125/126 FINISH ON ALL MACHINED SURFACES

EST. WT.

DO NOT SCALE

DRAWN BY: CPY DATE: 2/22/19

CHECKED BY: DATE:

APPROVED: DATE:

MATERIAL & HEAT TREAT

ALCO

ALCO Industrial

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TITLE
SPOOL SP - K3493 - WELD MATERIALS MAP
IOL KEARL PLANT 2 - EXTRACTION

PROJECT No.
A1 - 18001

REFERENCE

FILE NAME
A1-18001-200-00 Spool SP-K3493-1 maps.idw

REV.
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SHEET
1 OF 1