



BILL OF MATERIAL			
ITEM	ITEM QTY	PART NUMBER	DESCRIPTION
1	1	A1-18001-200-01 26in elbow	26"-3D XS x 90° FORGED ELBOW, A234 WPB
2	1	A1-18001-260-17 26in pipe - inlet	26" OD X 3/4" WALL x 254 mm 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	A1-18001-260-02 26in pipe - inlet	26" XS x 1423 mm PIPE, API 5L Gr.B PSL-2
5	1	A1-18001-200-04 24in dummy leg	24" XS x 1610mm PIPE, API 5L Gr.B PSL-2
6	1	A1-18001-200-05 End ring	Ø660mm x Ø597mm x 1" PLATE, A516 Gr.70N
7	1	A1-18001-200-06 26in CL150 RFWN flange - custom	26" XS CL150 ASME B16.47 Ser.A RFWN FLANGE, A105N
8	1	A1-18001-200-07 24in CL150 RFWN flange	24" XS CL150 ASME B16.5 RFWN FLANGE, A105N
9	1	A1-18001-200-08 HCWI elbow - male	533 mm ID x 32 mm WALL x 1981 mm RADIUS x 45 deg HCWI ELBOW, ASTM A532 CLASS III TYPE A, PF #743107
10	1	A1-18001-200-09 HCWI elbow - female	533 mm ID x 32 mm WALL x 1981 mm RADIUS x 45 deg HCWI ELBOW, ASTM A532 CLASS III TYPE A, PF #743106
11	2	A1-18001-200-11 HCWI pipe - center	533 mm ID x 32 mm WALL x 1486 mm 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	A1-18001-260-10 HCWI pipe - inlet	533 mm ID x 32 mm WALL x 1460 mm HCWI LINER, ASTM A532 CLASS III TYPE A, PF #743104
14	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
15	4	A1-18001-200-14 Trap rod	Ø3/8" x 86mm ROUND BAR, 44W
16	2	A1-18001-200-15 Lifting lug	450mm x 239mm x 1" PLATE, CSA G40.21 Gr.350 WT Cat.4
17	1	A1-18001-100-07 2in x 26in CL3000 threadolet	2" x 26" CLASS 3000 THREADOLET, A105N
18	1	A1-18001-400-00 Pipe shoe - S4-A-2-26	AS PER 074-0000-220-000-026 01
19	4	ANSI B18.3 - 1/2-13 UNC x 0.5	1/2"-NC x 1/2" SOCKET HEAD SET SCREW, PLATED
20	4	ASME B16.11 Hex Head Plug 1/2	1/2"-NPT HEX HEAD PLUG, A105N
21	1	ASME B16.11 Hex Head Plug 2	2"-NPT HEX HEAD PLUG, A105N
22	28	ASME B16.11 Hex Head Plug 3/4	3/4"-NPT HEX HEAD PLUG, A105N
23	1	Tag mount - 6in	C6x8.2 x 6" [152mm], 44W
24	AS REQ'D	GROUT	SIKA 300PT

ITEM 15 - LIFTING LUG

DETAIL D

REVISION HISTORY

REV	DATE	DESCRIPTION	INITIALS
C	12/10/19	EQUIPMENT NUMBER WAS 141-3015-66	JDS
B	10/16/19	ADDED CORNER TO CORNER DIMENSION, WEEP HOLE DETAIL F, ADDED PIPE AND CASTING DIMENSIONS, UPDATED DESCRIPTIONS AND PART NUMBERING, TRAP ROD WAS A36	JDS
A	9/12/19	ISSUED FOR REVIEW	JDS

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

ALCO Industrial

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26" HCWI ELBOW - SPOOL SP-K3493
IOL KEARL PLANT 1 & 2 PIPING SPARES

PROJECT No: A1-18001
REFERENCE: 074-2300-080-141-010 01
FILE NAME: A1-18001-260-00 Spool SP-K3493.idw

REV. C
SHEET 1 OF 1