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|   | ALCO Industrial 11650 - 156 Street, Edmonton, Alberta, Canada T5M 3T5 Phone: (780) 451-6222 • Fax: (780) 452-4355 | |
| | TITLE 24" x 26" HCWI REDUCER - SP200 SP-K3492 IOL KEARL PLANT 1 - EXTRACTION | |
| PROJECT NO. | REFERENCE | REV |
| A1-18001 | 074-1300-080-141-009 01 | 3 |
| FILE NAME | | SHEET |
| A1-18001-130-00 Spool SP-K3492.idw | | 1 OF 1 |

| REVISION HISTORY | | |
|------------------|---------|-----------------------------------|
| REV | DATE | DESCRIPTION |
| 3 | 7/16/19 | ADDED WELD SYMBOL FOR ITEM 10 |
| 2 | 6/28/19 | PO WAS 1397868 |
| 1 | 6/26/19 | REFERENCE OF TITLE BLOCK WAS 2300 |
| 0 | 6/26/19 | ISSUED FOR CONSTRUCTION |

| | | BILL OF MATERIAL | |
|------|----------|---|--|
| ITEM | ITEM QTY | PART NUMBER | DESCRIPTION |
| 1 | 1 | A1-18001-130-01 26in pipe | 26" XS x 1224mm PIPE, API 5L Gr.B PSL-2 |
| 2 | 1 | A1-18001-130-02 26in pipe | 26" x 17.5mm WALL x 203mm PIPE, API 5L Gr.B PSL-2 |
| 3 | 1 | A1-18001-130-03 24in CL150 RF flange - custom | 24" CLASS 150 ASME B16.5 RF50 FLANGE, A105N, Ø24 5/8" BORE |
| 4 | 1 | A1-18001-130-04 26in CL150 RF flange - custom | 26" CL150 ASME B16.47 Ser.A RFWN FLANGE, A105N, Ø24 1/4" BORE |
| 5 | 1 | A1-18001-130-05 HCWI reducer | 533mm ID x 32mm WALL x 559mm ID x 32mm WALL x 1498mm HCWI REDUCER, ASTM A532 CLASS III TYPE A, PF#743099 |
| 6 | 1 | A1-18001-130-06 24in HCWI liner - pup | 575mm ID x 24mm WALL x 559 ID x 32mm WALL x 305mm HCWI LINER, ASTM A532 CLASS III TYPE A, PF#743098 |
| 7 | 1 | A1-18001-130-07 2in x 26in CL3000 threadolet | 2" x 26" CLASS 3000 THREADOLET, A105N |
| 8 | 4 | A1-18001-130-08 Trap rod | Ø3/8" x 60mm ROUND BAR, A36 |
| 9 | 2 | A1-18001-130-09 Lifting lug | 165mm x 102mm x 1/2" PLATE, A516 Gr.60 OR EQUIV. |
| 10 | 1 | A1-18001-410-00 Pipe shoe - S4-A-1-26 | AS PER 074-0000-220-000-026 01 |
| 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 | ASME B16.11 Hex Head Plug 1/2 | 1/2"-NPT HEX HEAD PLUG, A105N |
| 15 | 1 | Tag mount - 6in | C6x8.2 x 6" [152mm], 44W |
| 16 | AS REQ'D | GROUT | SIKA 300PT |