



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|----------|--|--|--|--|---|--|--|--|--|--|------------------|---------|---|--|--|--|----------|---|---------------------------------------|--|--|-------------|-----------------------|--------------------------|--|------|--|---|--|--|--------------------------|------|--|--|--------------|--|--|--|--|--|--|--|--|--|--|--|-----------------|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|--|--|--|
| BILL OF MATERIAL | | | | | | | | | | | | REVISION HISTORY | | | | | | | | | | | | TOLERANCES | | | | | | | | | | | | DO NOT SCALE | | | | | | | | | | | | ALCO Industrial | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ITEM | ITEM QTY | PART NUMBER | | | | DESCRIPTION | | | | | | REV | DATE | DESCRIPTION | | | | INITIALS | UNLESS OTHERWISE SPECIFIED | | | | DRAWN BY: | DATE | TITLE | | | | 2103 - 8 Street, Nisku, Alberta, Canada T9E 7Y9 Phone: (780) 451-6222 • Fax: (780) 452-4355 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 1 | A1-19027-200-01 34in pipe | | | | 34" XS x 41 9/16" PIPE, API 5L X56 | | | | | | C | 2/10/20 | ADD PF NUMBER | | | | KLS | ALL DIMENSIONS ARE IN INCHES. BREAK ALL SHARP EDGES .01" OR OR 45° RADI .95 T.I.R. .010. INTERPRET DWG PER ANSI Y14.5 STANDARD. | | | | GVD | 1/06/20 | SPOOL SP-237-2-P-126-1-A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 1 | A1-19027-200-02 34in Type B victaulic ring | | | | 34" TYPE B VICTAULIC RING FOR 200 SERIES COUPLING, A350 LF2, CUSTOM TYPE B | | | | | | B | 1/21/20 | HYDROTEST PRESSURE WAS 5171 kPag (750 psig), UPDATED BoM | | | | GVD | TOLERANCES | | | | CHECKED BY: | | | | DATE | SYNCRUDE AURORA HT2 MAIN LINE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 1 | A1-19027-200-03 30in CL300 flange | | | | 30" CLASS 300 FFWN FLANGE, A350 LF2, Ø32 1/2" BORE | | | | | | A | 1/06/20 | ISSUED FOR REVIEW | | | | GVD | X ± .118 | | | | APPROVED: | | | | DATE | PROJECT No. | | | | REFERENCE | REV. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 1 | A1-19027-200-04 HCWI reducer | | | | 28 1/2" ID x 26" ID x 2 1/16" WALL x 55 7/8" HCWI REDUCER, ASTM A532 CLASS III TYPE A, PF# 470279 | | | | | | | | | | | | | | X.XX ± .030 | | | | MATERIAL & HEAT TREAT | | | | A1-19027 | | | | SP-237-2-P-126-1-A Rev.A | | | | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 2 | ASME B16.11 Hex Head Plug 3/4 | | | | 3/4"-NPT HEX BULL PLUG, SA234 WPB-S9 | | | | | | | | | | | | | | X.XXX ± .015 | | | | | | | | FILE NAME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 2 | Tag mount - 6in | | | | C6x8.2 x 6" [152mm], 44W | | | | | | | | | | | | | | 125/✓ FINISH ON ALL MACHINED SURFACES | | | | | | | | A1-19027-200-00 SP-237-2-P-126-1-A.idw | | | | SHEET 1 OF 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | 2 | | | | | | | | | | | | 3 | | | | | | | | | | | | 4 | | | | | | | | | | | | 5 | | | | | | | | | | | | 6 | | | | | | | | | | | | 7 | | | | | | | | | | | | 8 | | | | | | | | | | | | 9 | | | | | | | | | | | | 10 | | | | | | | | | | | | 11 | | | | | | | | | | | | 12 | | | | | | | | | | | |