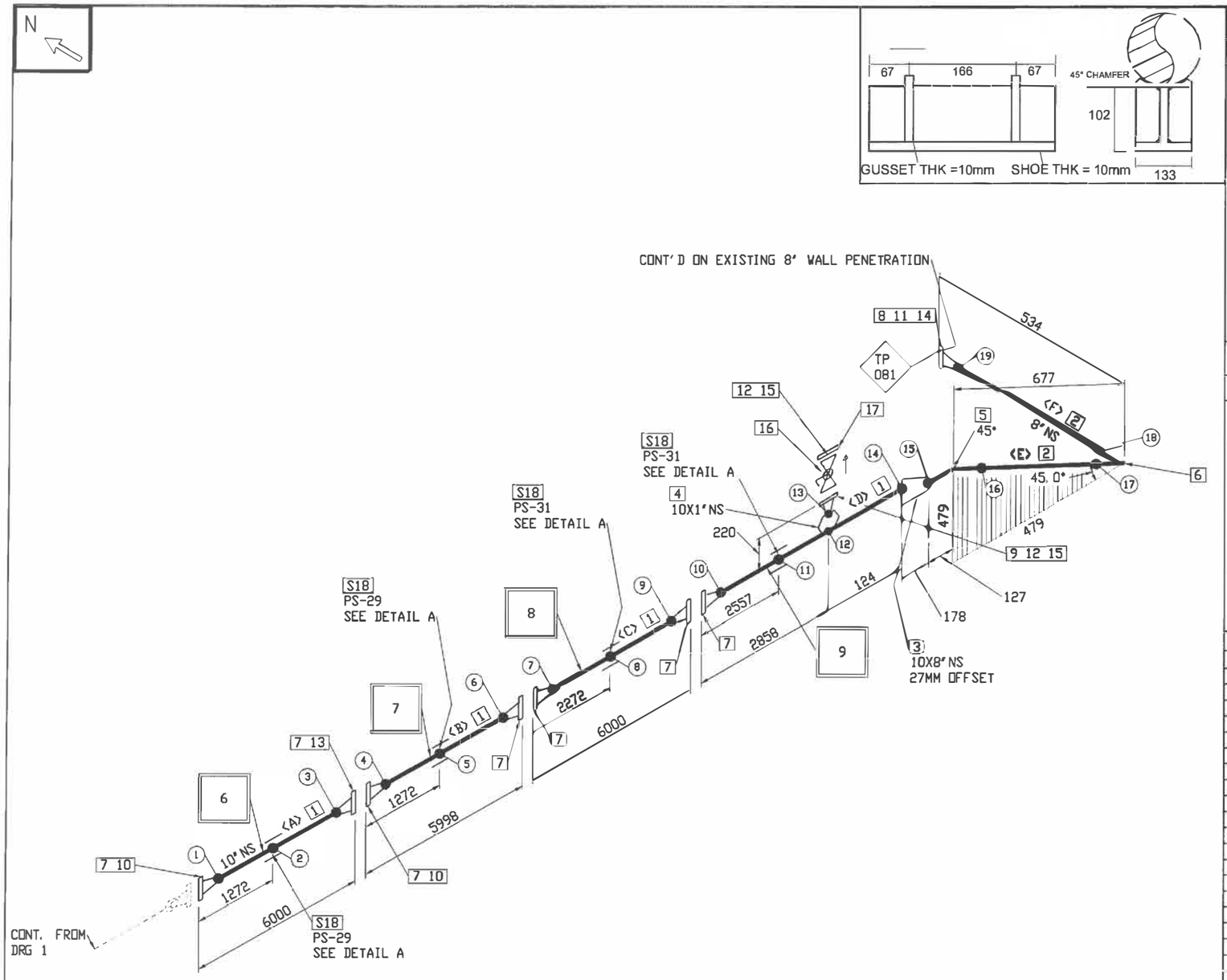





## FABRICATION – BILL OF MATERIALS

| PT.NO | SIZE | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 10 | PIPE, CS A106 SML, GRD B, STD WT | 20.3 |
| 2 | 8 | PIPE, CS A106 SML, GRD B, STD WT | 0.4 |
| 3 | 10X8 | REDUCER ECC, CS A234 WPB, STD WT, BW | 1 |
| 4 | 10X1 | WELDOLET, BW, FRG CS A105, SCH XS | 1 |
| 5 | 8 | ELBOW, 45 DEG, CS A234 WPB, STD WT, LR, BW | 1 |
| 6 | 8 | ELBOW, 90 DEG, CS A234 WPB, STD WT, LR, BW | 1 |
| 7 | 10 | FLANGE, FRG CS A105N, 150LB, WN, RF, STD WT | 7 |
| 8 | 8 | FLANGE, FRG CS A105N, 150LB, WN, RF, STD WT | 1 |
| 9 | 1 | FLANGE, FRG CS A105N, 150LB, WN, RF, SCH XS | 1 |

## ERECTION – BILL OF MATERIALS

| PT.NO | SIZE | DESCRIPTION | QTY |
|---|---|---|---|
| 10 | 10 | GASKET, 1.6mm THK, 150LB, COMPRESSED NON-ASBESTOS FIBRE TO BS 7531, TYPE KLINGERSIL C4430 | 4 |
| 11 | 8 | GASKET, 1.6mm THK, 150LB, COMPRESSED NON-ASBESTOS FIBRE TO BS 7531, TYPE KLINGERSIL C4430 | 1 |
| 12 | 1 | GASKET, 1.6mm THK, 150LB, COMPRESSED NON-ASBESTOS FIBRE TO BS 7531, TYPE KLINGERSIL C4430 | 2 |
| 13 | 7/8DxL115 | 7/8" STUD x 115mm LG ASTM A193 B7 (NUTS - ASTM A194 2H) HOT DIPPED GALV | 36 |
| 14 | 3/4DxL110 | 3/4" STUD x 110mm LG ASTM A193 B7 (NUTS - ASTM A194 2H) HOT DIPPED GALV | 8 |
| 15 | 1/2DxL65 | 1/2" STUD x 65mm LG ASTM A193 B7 (NUTS - ASTM A194 2H) HOT DIPPED GALV | 8 |
| 16 | 1 | BALL VALVE, RB, 150LB, BS531, A350 CS, ETV142 | 1 |
| 17 | 1 | FLANGE, FRG CS A105N, 150LB, BLD, RF | 1 |
| 18 | 10 | PIPE SHOE | 4 |

## WELD LIST

| No. | SIZE | TYPE | SPOOL | WELD ID |
|---|---|---|---|---|
| 1 | 10" | BW | | |
| 2 | 10" | FW | | |
| 3 | 10" | BW | | |
| 4 | 10" | BW | | |
| 5 | 10" | FW | | |
| 6 | 10" | BW | | |
| 7 | 10" | BW | | |

## CUT LIST

| CUT NO. | SIZE | LENGTH | END ONE | END TWO |
|---|---|---|---|---|
| A | 10" | 5796 | BEVEL | BEVEL |
| B | 10" | 5794 | BEVEL | BEVEL |
| C | 10" | 5796 | BEVEL | BEVEL |
| D | 10" | 2880 | BEVEL | BEVEL |
| E | 8" | 245 | BEVEL | BEVEL |
| F | 8" | 127 | BEVEL | BEVEL |

(1) DENOTES PIPE SPOOL NO
[1] DENOTES PARTS LIST NO