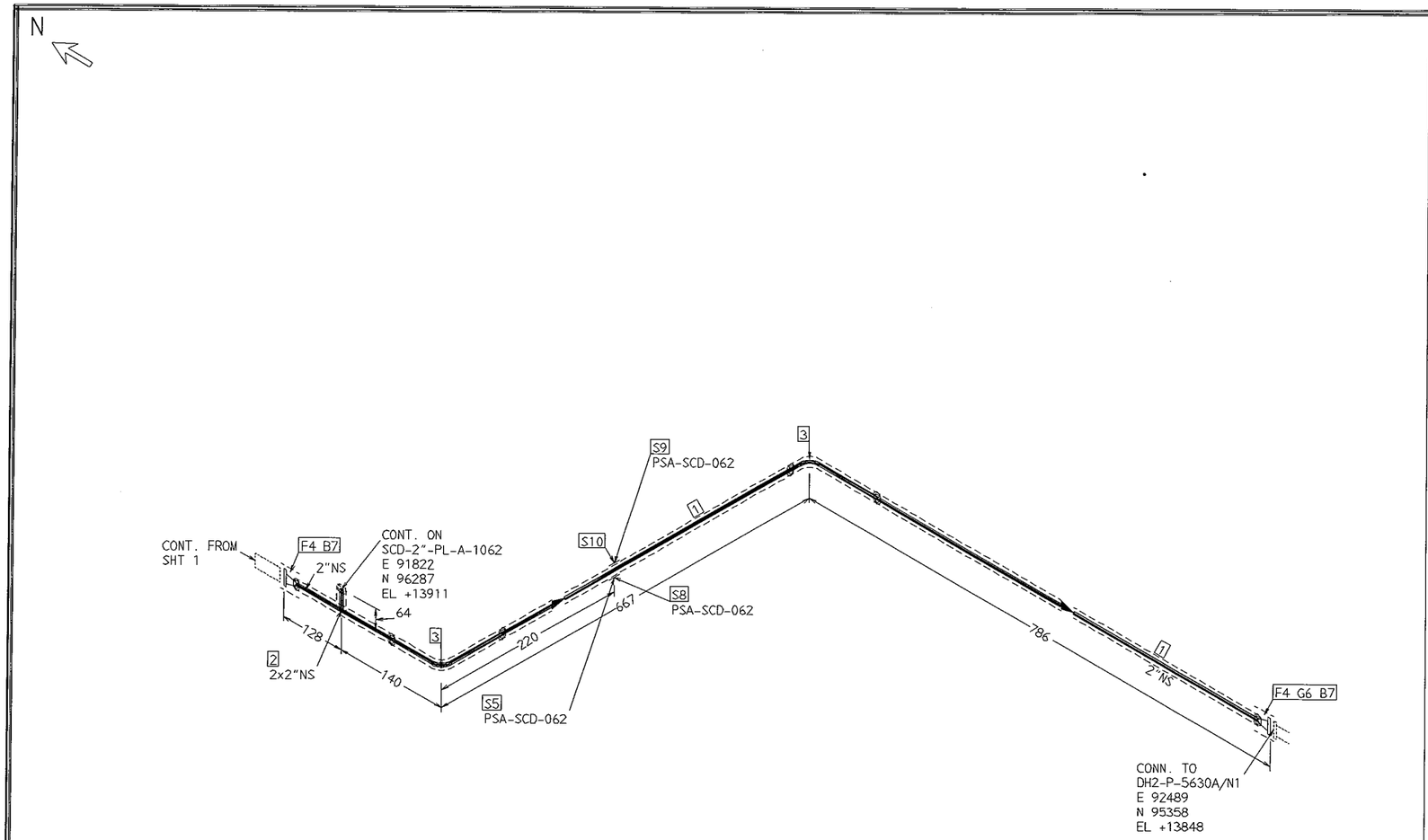


FABRICATION MATERIALS

| PT NO | COMPONENT DESCRIPTION | N.S. (INS) | CLASS | QTY |
|---|---|---|---|---|
| | PIPE | | | |
| 1 | PIPE;SEAMLESS;;BE;;ASME B36.10 API 5L;GR.B OR ASTM A106;GR.B;NACE MR0175; STD | 2 | A | 1.2M |
| | FITTINGS | | | |
| 2 | TEE;EQUAL;SEAMLESS;BW;;ASME B16.9 ASTM A234;GR.WPB;NACE MR0175; STDxSTD | 2 x 2 | A | 1 |
| 3 | ELBOW;90DEG.LR;SEAMLESS;BW;;ASME B16.9 ASTM A234;GR.WPB;NACE MR0175; STD | 2 | A | 2 |
| | FLANGES | | | |
| 4 | FLANGE;;WN;RF;150#;ASME B16.5;SMOOTH FINISH RA 3.2 TO 6.3 MICRONS ASTM A105;NACE MR0175;; STD | 2 | A | 2 |
| | SUPPORTS | | | |
| 5 | PIPE SHOE HOLD DOWN PS13-50-A-40-0 | 2 | - | 1 |

ERECTION MATERIALS

| PT NO | COMPONENT DESCRIPTION | N.S. (INS) | CLASS | QTY |
|---|---|---|---|---|
| | GASKETS | | | |
| 6 | GASKET;SPIRAL WOUND;4.4MM THK;150#;ASME B16.20 WND:SS316;FLR:GRAPHITE;INNER & OUTER GUIDE RINGS:SS316;NACE MR0175 | 2 | A | 1 |
| | BOLTS | | | |
| 7 | 85 STUD BOLT WITH HEAVY HEX. NUTS STUDS: ASTM A193-B7, NUTS: ASTM A194-2H FLUOROCARBON COATED WITH AMERI-COTE OR APPROVED EQUAL | 5/8 | A | 8 |
| | SUPPORTS | | | |
| 8 | PIPE SHOE PS04-50-2-A | 2 | - | 1 |
| 9 | PIPE SHOE STOP PS11-50-0 | 2 | - | 1 |
| 10 | T-POST PS32-05-05 | 2 | - | 1 |

NOTES:

1. COORDINATE REFERENCE FROM COLUMN B IS N 100,000 & COLUMN 2 IS E 100,000

| | |
|---|---|
| DESIGN PRESS: 151 kpag | DESIGN TEMP: 60/AMB °C |
| TEST PRESS: 2940 kpag | TEST WITH: Water |
| RADIOGRAPHY: 100 % | STRESS RELIEVE: NO |
| INSULATION SPEC: DHF-00-M-S-0002 | |
| COATING SPEC: DHF-00-M-S-0003 | |

STRESS CATEGORY

THIS LINE HAS BEEN STRESS ANALYSED
DO NOT ALTER THE ROUTING/MODIFY THE SUPPORTS
WITHOUT THE PRIOR APPROVAL OF RANHILL WORLEY

P&ID REF: WHP-DH2-R-D-1065

| REV | DATE | BY | DESCRIPTION | CHECK'D | WP APPR'D | VSP APPR'D | DATE |
|---|---|---|---|---|---|---|---|
| C0 | 29/05/09 | HAZ | APPROVED FOR CONSTRUCTION | PSV/AH | EM | | |

**DAI HUNG PETROLEUM OPERATING COMPANY**
**DAI HUNG OIL FIELD DEVELOPMENT PHASE 2**

VIETSOVPETRO

Ranhill Worley

CAD File No.: WHP-DH2-P-D-1056-SCD-2

WP Project No.: 04211244

Scale: NTS

PLANT: **WELLHEAD PLATFORM - DH2**

PDMS LINE NO.: SCD-2"-PL-A-1056-H-40

| Drawing No.: | SHEET NO. | REV. |
|---|---|---|
| WHP-DH2-P-D-1056-SCD-2 | 2 OF 2 | C0 |