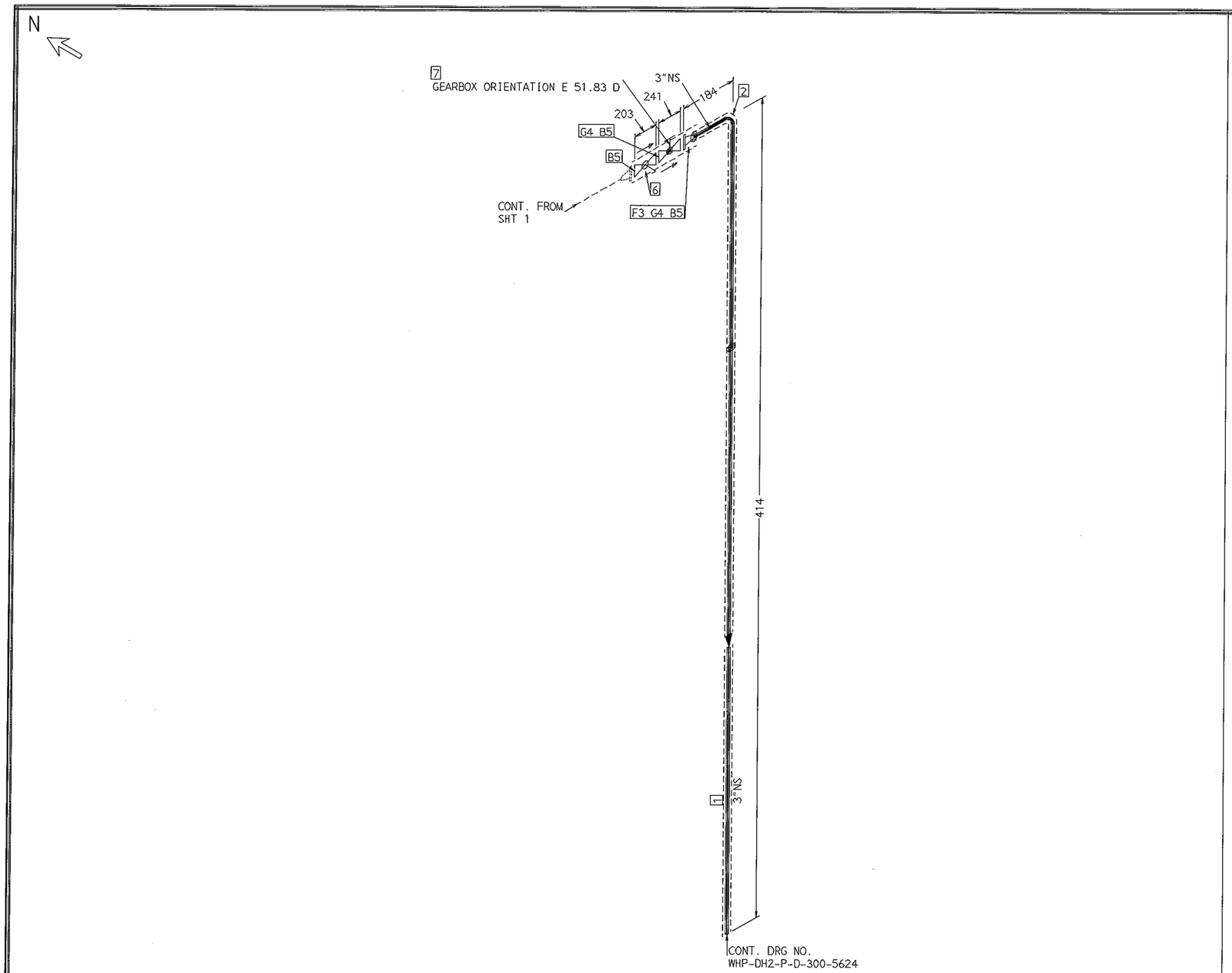

FABRICATION MATERIALS

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	3	A	0.3M
	FITTINGS			
2	ELBOW;90DEG.LR;SEAMLESS;BW;;ASME B16.9 ASTM A234;GR.WPB;NACE MR0175; STD	3	A	1
	FLANGES			
3	FLANGE;;WN;RF;150#;ASME B16.5;SMOOTH FINISH RA 3.2 TO 6.3 MICRONS ASTM A105;NACE MR0175;; STD	3	A	1

ERECTION MATERIALS

PT NO	COMPONENT DESCRIPTION	N.S. (INS)	CLASS	QTY
	GASKETS			
4	GASKET;SPIRAL WOUND;4.4MM THK;150#;ASME B16.20 WND:SS316;FLR:GRAPHITE;INNER & OUTER GUIDE RINGS:SS316;NACE MR0175	3	A	2
	BOLTS			
5	90 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	12
	VALVES / IN-LINE ITEMS			
6	VALVE;BALL;RB;FLANGED;RF;150#; ;DATASHEET:A2R	3	A	1
7	VALVE;GLOBE;PLUG TYPE;FLANGED;RF;150#; ;DATASHEET:A4R	3	A	1

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

DESIGN PRESS: 1034 kpag	DESIGN TEMP: 110/-29 °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		C0	29/05/09	HAZ	APPROVED FOR CONSTRUCTION	PSV/AH	EM		
P&ID REF: WHP-DH2-R-D-1067		REV	DATE	BY	DESCRIPTION	CHECK'D	WP APPR'D	VSP APPR'D	DATE

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

VIETSOVPETRO — Ranhill Worley

CAD File No.: WHP-DH2-P-D-1036-SCD-2
WP Project No.: 04211244
Scale: NTS

PLANT: **WELLHEAD PLATFORM - DH2**

PDMS LINE NO.: SCD-3"-PL-A-1036-H-40

Drawing No.:	SHEET NO.	REV.
WHP-DH2-P-D-1036-SCD-2	2 OF 2	C0