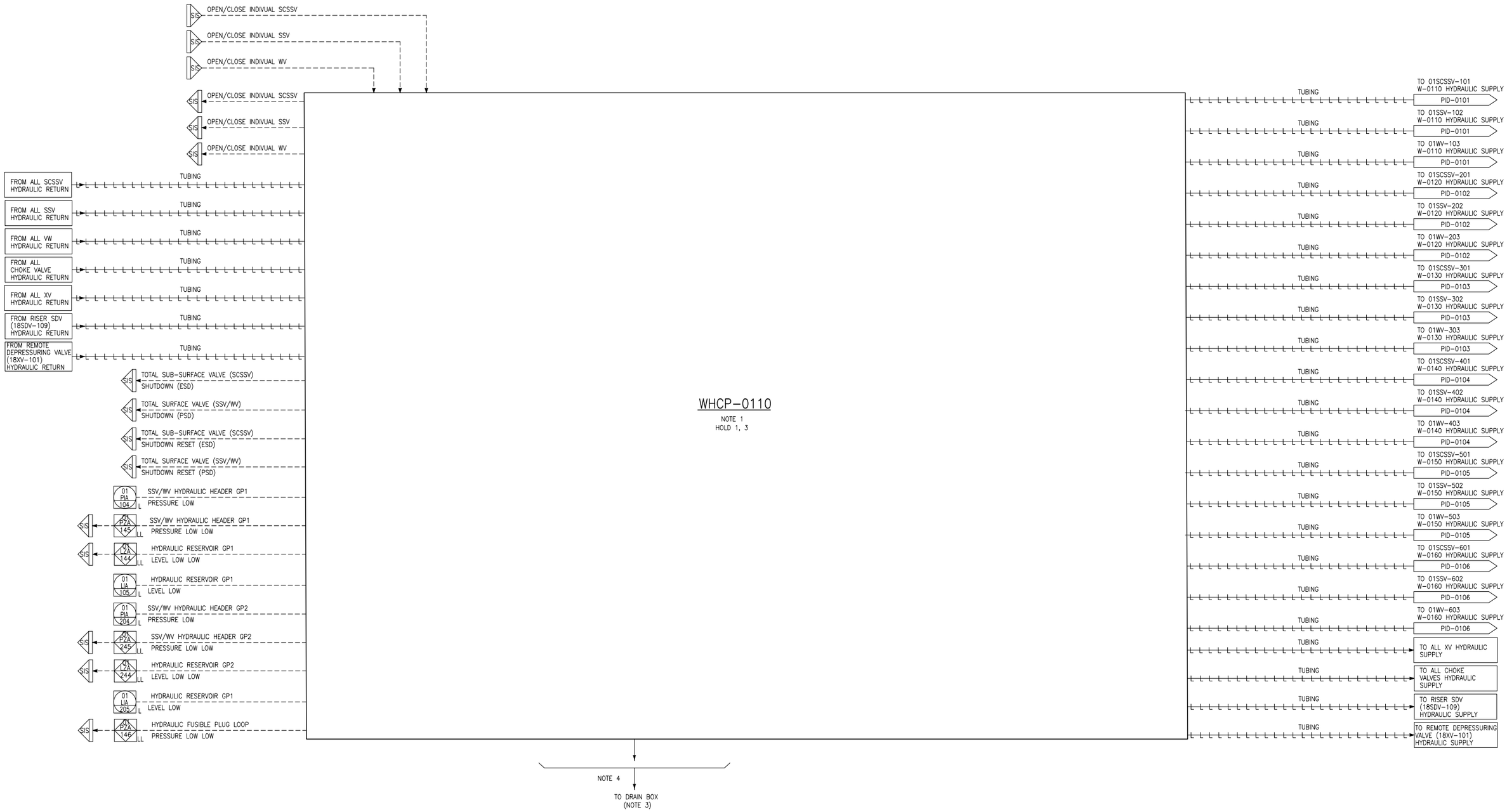
EQUIPMENT NUMBER	WHCP-0110
NAME	WELLHEAD CONTROL PANEL/HYDRAULIC POWER UNIT
DESIGN RATING	API 10000 (HOLD 2)



CAD PRODUCED DRAWING - NO MANUAL REVISION ALLOWED

NOTES:

1. HYDRAULIC POWER UNIT (HPU) IS INSIDE OF WELLHEAD CONTROL PANEL (WHCP-0110).
2. HYDRAULIC COLLECTION HEADER TO BE DEVELOPED DURING DETAILED DESIGN.
3. DRIP PAN/COAMED AREA DRAINAGE WILL BE EVACUATED THROUGH DRAIN BOX. REFER THE DRAIN BOX DETAILS IN D1BM-WHP-FEED-AEM-01-PRO-PID-0115.
4. THIS IS INDICATIVE TO SHOW CONTINUATION TO DRAIN BOX. NO LINE NUMBER REQUIRED.
5. HYDRAULIC HEADER AND RESERVOIR GROUP 1 IS ASSIGNED FOR WELLHEAD W-0110, W-0120, W-0130. HYDRAULIC HEADER AND RESERVOIR GROUP 2 IS ASSIGNED FOR WELLHEAD W-0140, W-0150, W-0160.

HOLDS:

1. DETAILS OF WELLHEAD CONTROL PANEL AND HYDRAULIC POWER UNIT.
2. DESIGN RATING API 10000 FOR GAS WELL TO BE CONFIRMED BY VENDOR. OPTIMIZATION FOR OIL WELL DESIGN RATING TO BE CONFIRMED BY VENDOR.
3. HYDRAULIC SUPPLY AND RETURN TUBING SIZE TO BE CONFIRMED BY VENDOR.

DRAWING NO.	REV.	REFERENCE DRAWING	REV.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'D	CHK'D	APP'D
			0	APPROVED FOR DETAILED DESIGN	03.07.20	TKS	TPH	FM	ZMY	PM
						AEM			PETRONAS	

CONTRACT NO	CHO/2018/MA/1007(D)	
JOB NO.	MAJOR/D/GTS/D1BM/0019	
DRAWN BY	HWN	
DATE	26.03.20	
SCALE	N.T.S	
CHECKED	ZM	
DATE	06.04.20	
APPROVED	FM	
DATE	06.04.20	
	AEM	PETRONAS

PROJECT TITLE : PROVISION OF FRONT END ENGINEERING DESIGN (FEED) SERVICES FOR DESIGN ONE BUILD MANY (D1BM) PROJECT

DRAWING TITLE : PIPING AND INSTRUMENTATION DIAGRAM WELLHEAD CONTROL PANEL / HYDRAULIC POWER UNIT WHCP-0110

CONTRACTOR LOGO : AkerSolutions AKER ENGINEERING MALAYSIA SDN. BHD.(70660-D)

CAD FILE: D1BM-WHP-FEED-AEM-01-PRO-PID-0107

PETRONAS — PETROLIAM NASIONAL BERHAD (PETRONAS) (20076-K)

DRAWING NO: 0107

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DISCIPLINE	SHEET NO.	REVISION NO
PRO	1 of 1	0