

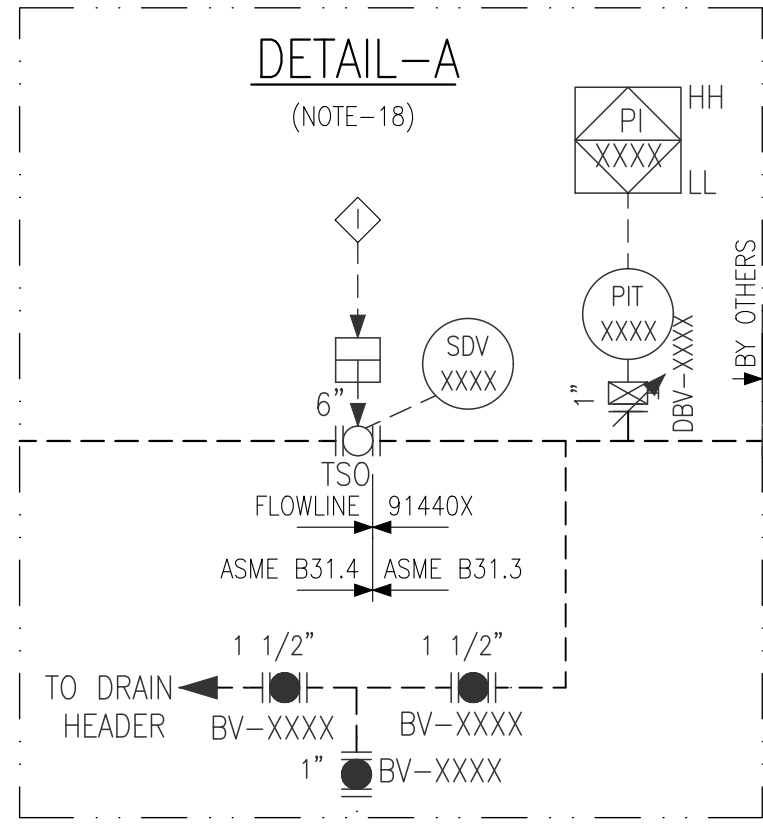
						COMMENTS RESOLUTION SHEET (CRS)		 	
CONTRACT NUMBER						GC22104900			
CONTRACT TITLE:						EPIC FOR DUKHAN PRODUCTION FACILITIES UPGRADE (DPFU)- PHASE 1B			
QP EXTERNAL TRANSMITTAL REFERENCE, DATED:						PND/GC22104900/EXT/TN/05746, DATED :21/07/2024			
DOCUMENT NUMBER, REV & TITLE:						4460-FAHS-6-50-0002, Rev B, P&ID - OIL MANIFOLD - FAHAHIL SOUTH		Last Revision status: AFC	
PREVIOUS ISSUED DRAWING NUMBER MADE VOID (IF ANY)									
SR. NO	COMMENTS					CONTRACTOR'S RESPONSE		REMARKS	
	Engineer Ref id.	Section	Comments						
			P&ID - OIL MANIFOLD - FAHAHIL SOUTH						
1						This drawing is already AFC approved. However resubmitted as Re-issued for Construction due to update in line and valve tag number (i.e.Line number, valve tag and instrument tag prefix to be changed from 13- M1 to 13-M2) as per confirmed tag number received from QatarEnergy. With respect to changes in valve and instrument tag prefix, Note-2 is now updated.			






NEW DRAWING

NOTES:

- REFER ENGINEERING DRAFTING STANDARD QP-ENG-STD-018 AND SYMBOLS & LEGENDS DWG NO. 4460-DGTYP-6-50-0001.
- ALL TAGS ARE PREFIXED BY (13-M2) UNLESS OTHERWISE SPECIFIED.
- VENT FOR START UP & HYDRAULIC TEST.
- PROVIDE FLANGE WITH VALVE FOR FUTURE EXTENSIONS AND RODDING/CLEANING.
- THE CORROSION COUPON SHALL BE LOCATED AT 12 O'CLOCK POSITION. ACCESS FITTING FOR CORROSION COUPON (COSASCO OR EQUIVALENT). MINIMUM VERTICAL CLEARANCE OF 1.8m FOR RETRIEVAL TOOL TO BE CONSIDERED.
- DURING TESTING OF WELLHEADS, ONLY ONE WELL SHALL BE ROUTED TO TEST SEPARATOR AT A TIME.
- FUTURE WELL CONNECTION.
- BATTERY LIFT 6" VALVE ON THE OIL MANIFOLD SLOT WILL BE PROVIDED WITH THE BLIND FLANGE UNDER PROJECT 4460 TO HOOK-UP FUTURE FLOWLINE.
- CHOKE VALVES SHALL BE LOCATED IN WELLHEAD FOR ALL FUTURE PRODUCER WELLS.

- WHERE INDICATED, LINES SHALL HAVE SLOPE 1:300.
- OIL MANIFOLD SLOTS AND DOWNSTREAM SYSTEM HAS BEEN DESIGNED AS PER UPSTREAM FLOWLINE DESIGN CONDITIONS.
- SET POINT OF HIGH PRESSURE ALARM ON MANIFOLD SKID SHALL BE REVIEWED BY FLOWLINE CONTRACTOR.
- IN CASE OF HIGH PRESSURE IN OIL FLOWLINE, THE CORRESPONDING GAS LIFT MANIFOLD SLOT FCV SHALL BE CLOSED. INDIVIDUAL SYSTEM LOGICS SHALL BE IMPLEMENTED UNDER 4460 PROJECT. FURTHER, END TO END LOGIC TEST FOR GLM FCV SHALL BE DONE BY FLOWLINE CONTRACTOR BASED ON THE RESPECTIVE WELLS TO BE HOOKED.
- 24 NEW SLOTS ARE ADDED TO EXISTING OIL MANIFOLD BY EXTENDING THE EXISTING OIL MANIFOLD HEADER UNDER THIS PROJECT (4460).
- PRESSURE TRANSMITTER ARE FOUNDATION FIELDBUS TYPE.
- PI SHALL BE READ FROM GRADE LEVEL.
- TWO PHASE (SLUG) FLOW. PROVIDE ADEQUATE SUPPORT.
- FLOWLINE SDV AND ITS INSTRUMENT AIR CONNECTION ALONG WITH ASSOCIATED CONTROLS & INTERLOCKS SHALL BE PROVIDED BY OTHER.

		CONSULTANT:		CONTRACT NO: GC22104900	
				QatarEnergy REFINERY UNIT NO -	
CONT. DOC. NO : 1899-0000-49-DG10-0051-02		TITLE		DUKHAN FIELDS (FAHS) EPIC FOR DUKHAN PRODUCTION FACILITIES UPGRADE - PHASE 1B P&ID-OIL MANIFOLD	
C RE-ISSUED FOR CONSTRUCTION		23/12/24	DPR	RA	AVP/KN
B RE-ISSUED FOR CONSTRUCTION		07/07/24	BV	NW/RA	AVP/KN
A APPROVED FOR CONSTRUCTION		05/04/24	RGA	NW/RA	KN/AVP
O ISSUED FOR COMMENTS		04/07/23	JCV	NW/SKD	KN/AVP
REV		DESCRIPTION	DATE	DWN	CHKD
Sht. 002		Cont. on 003		C	