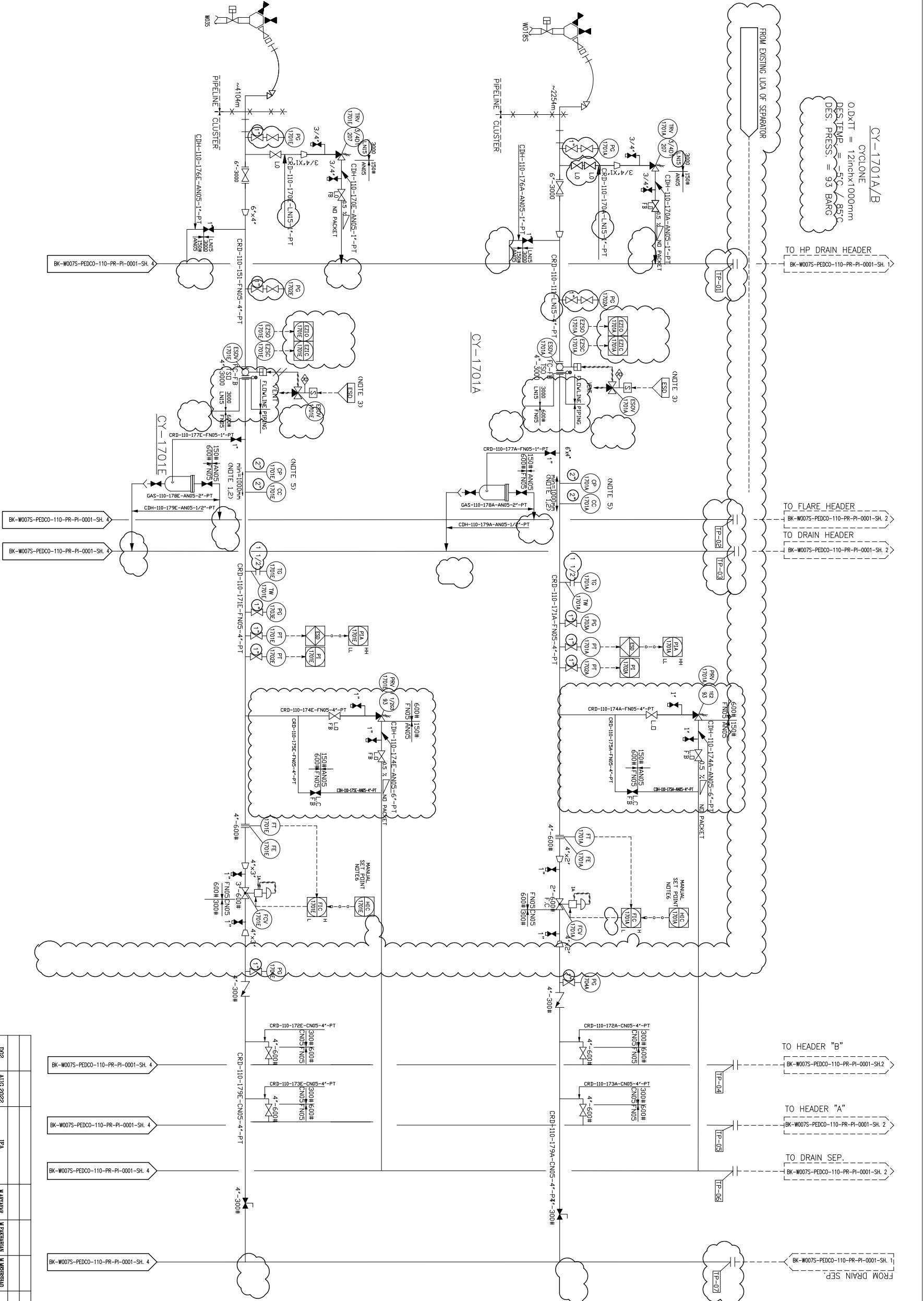




DRAWING TITLE: P&ID - Extension of Binak B/C Manifold												NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED													
												APPROVED FOR CONSTRUCTION BY:				DATE:									
SCALE		SIZE		DRAWING NO.				SHEET NO.		REV.		BUDGET REF		LOCATION		SIZE CLASS		SERIAL NO.		SHEET		REVISION			
N.T.S		A3		BK-MOOTS-PEDCO-110-PR-P1-0001				3 OF 6		D002		F24-707921		F		2		A		707921		6		D02	
(VENDOR TITLE BLOCK)**																									

EPC CONTRACTOR:  HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES	EPC CONTRACTOR (GC):  PETROBRAS DEVELOPMENT COMPANY	PERFECO CONTRACTOR (GC): 				
		DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.
		PROJECT DESCRIPTION: BINAQ OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES WOODS WELHEAD FACILITIES				

[illegible]

KEY PLAN

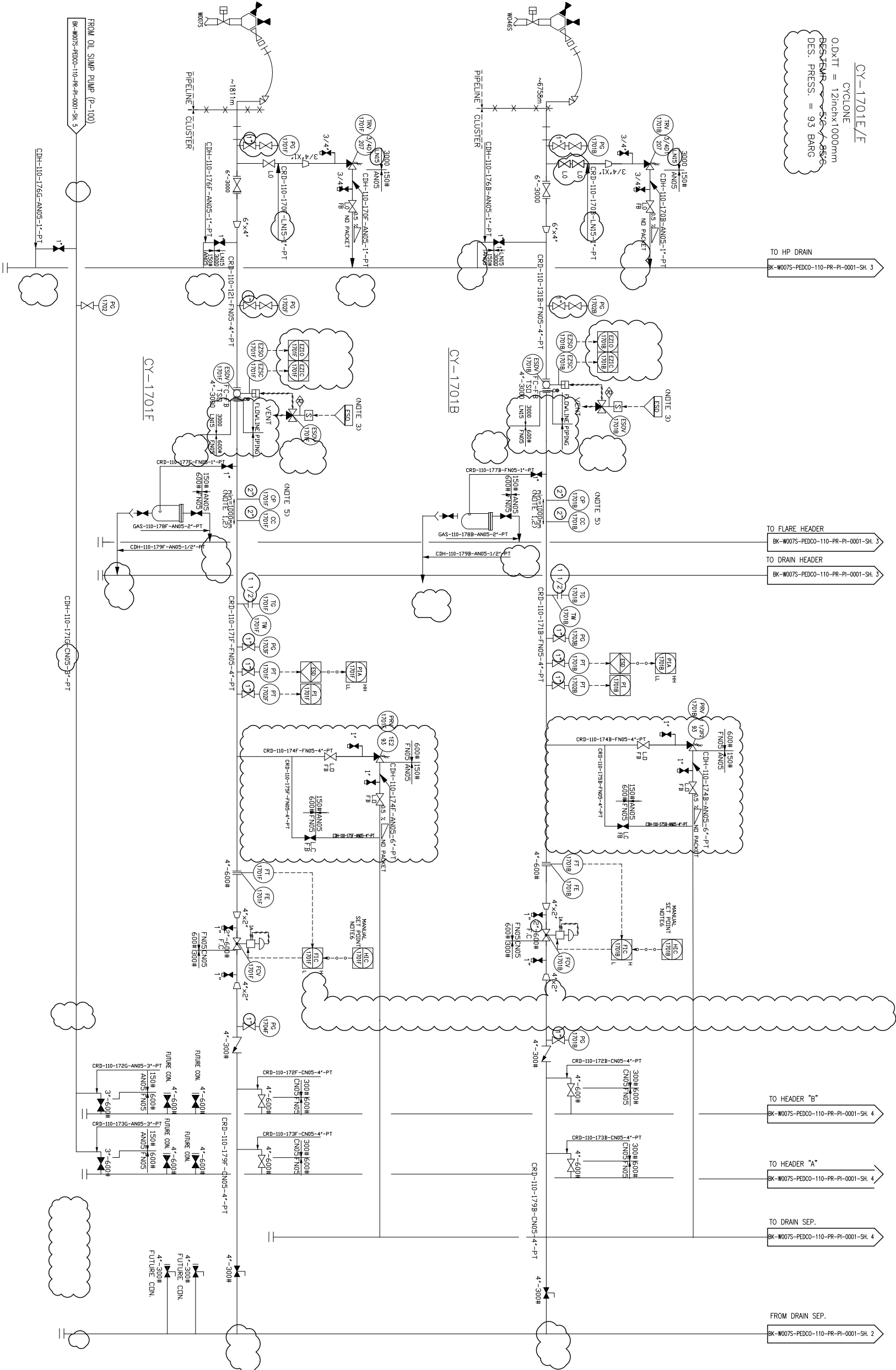
[illegible]

EXISTING
NEW

6-SELECTION BETWEEN MANUAL SET POINT AND FLOW CONTROL WILL BE DONE BY OPERATOR THROUGH FIC CONTROL LOGIC.

- 1-THE MONITORING DEVICE SHOULD BE USED AT 12 O'CLOCK POSITION ON HORIZONTAL PIPE SECTION.
- 2-THE MINIMUM DISTANCE OF 7 PIPE DIAMETERS AT DOWNSTREAM AND 3 PIPE DIAMETERS AT UPSTREAM OF ANY CHANGES IN FLOW CAUSED BY BENDS, VALVES AND ETC. SHALL BE CONSIDERED.
- 3-TOTAL SHUTDOWN ESD COMMAND SHALL BE TRANSMITTED FROM EXISTING SYSTEM OF BLANK CLUSTER TO NEW ESD SYSTEM.
- 4-ISO ESD VALVE SHALL BE CONSIDERED.
- 5-ONE PORTABLE INTERLINK MONITORING DEVICE PER PLANT TO BE PROVIDED BY VENDOR TO BE CONNECTED TO OPS.

CY-1701E/F
CYCLONE
O.DxIT = 12inchx1000mm
DESIGN PRESS. = 36 BAR
DES. PRESS. = 93 BARG



TO HP DRAIN
BK-W0075-PEDCO-110-PR-PI-0001-SH. 3

TO FLARE HEADER
BK-W0075-PEDCO-110-PR-PI-0001-SH. 3

TO DRAIN HEADER
BK-W0075-PEDCO-110-PR-PI-0001-SH. 3

TO HEADER "B"
BK-W0075-PEDCO-110-PR-PI-0001-SH. 4

TO HEADER "A"
BK-W0075-PEDCO-110-PR-PI-0001-SH. 4

TO DRAIN SEP.
BK-W0075-PEDCO-110-PR-PI-0001-SH. 4

FROM DRAIN SEP.
BK-W0075-PEDCO-110-PR-PI-0001-SH. 2

NOTES

- 1-THE MONITORING DEVICE SHOULD BE USED AT 12 O'CLOCK POSITION ON HORIZONTAL PIPE SECTION.
- 2-THE MINIMUM DISTANCE OF 7 PIPE DIAMETERS AT DOWNSTREAM AND 3 PIPE DIAMETERS AT UPSTREAM OF ANY CHANGES IN FLOW CAUSED BY BENDS/VALVES AND ETC. SHALL BE CONSIDERED.
- 3-TOTAL SHUTDOWN ESD COMMAND SHALL BE TRANSMITTED FROM EXISTING SYSTEM OF BINAK CLUSTER TO NEW ESD SYSTEM.
- 4-ISO VALVE SHALL BE CONSIDERED.
- 5-ONE SHUTDOWN COMMAND SHALL BE TRANSMITTED TO NEW ESD SYSTEM.
- 6-SELECTION BETWEEN MANUAL SET POINT AND FLOW CONTROL WILL BE DONE BY OPERATOR THROUGH FIC CONTROL LOGIC.

LEGEND

EXISTING	-----
NEW	-----
REFERENCE DRAWING	
DRG. No.	

KEY PLAN

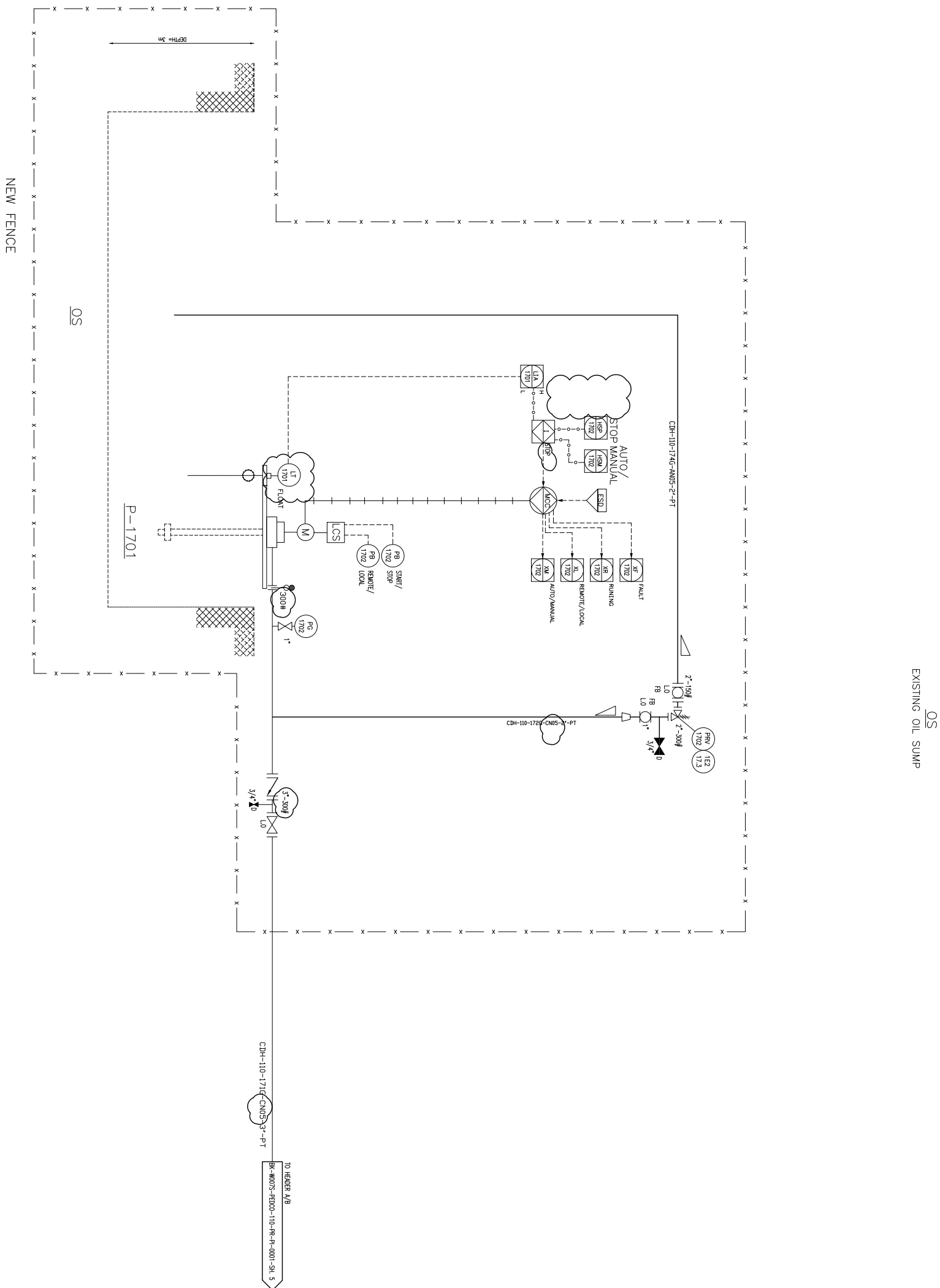
EXISTING
NEW

DOE	AUG 2022	JFA	MARJAN	MARJAN	MARJAN	***
DOI	FEB 2022	JFA	MARJAN	MARJAN	MARJAN	***
DOO	OCT 2021	IPC	MARJAN	MARJAN	MARJAN	***
REV.	DATE	PREP.	CHK.	APP.	AUT.	
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES						
PROJECT NO.: 971020						
EPC CONTRACTOR: EPC CONTRACTOR (GC)						
HIRGAN ENERGY - DESIGN & INSPECTION						
PETROIRAN DEVELOPMENT COMPANY						
DATE SCALE DRAWING BY CHECKED BY PROJECT ENG.						
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
APPROVED FOR CONSTRUCTION BY: DATE: REVISION						
BUDGET REF LOCATION SIZE CLASS SERIAL NO. SHEET 6						
P2A-70721 F 2 A 70721 6 D02						

این سند و کلیه محتوای آن به شرکت ملی نفت ایران تعلق دارد و هرگونه کپی غیر مجاز ممنوع است.
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NOTES

1 - SHALL BE EQUIPPED WITH FOOT VALVE AT THE END OF LINE.

[illegible]