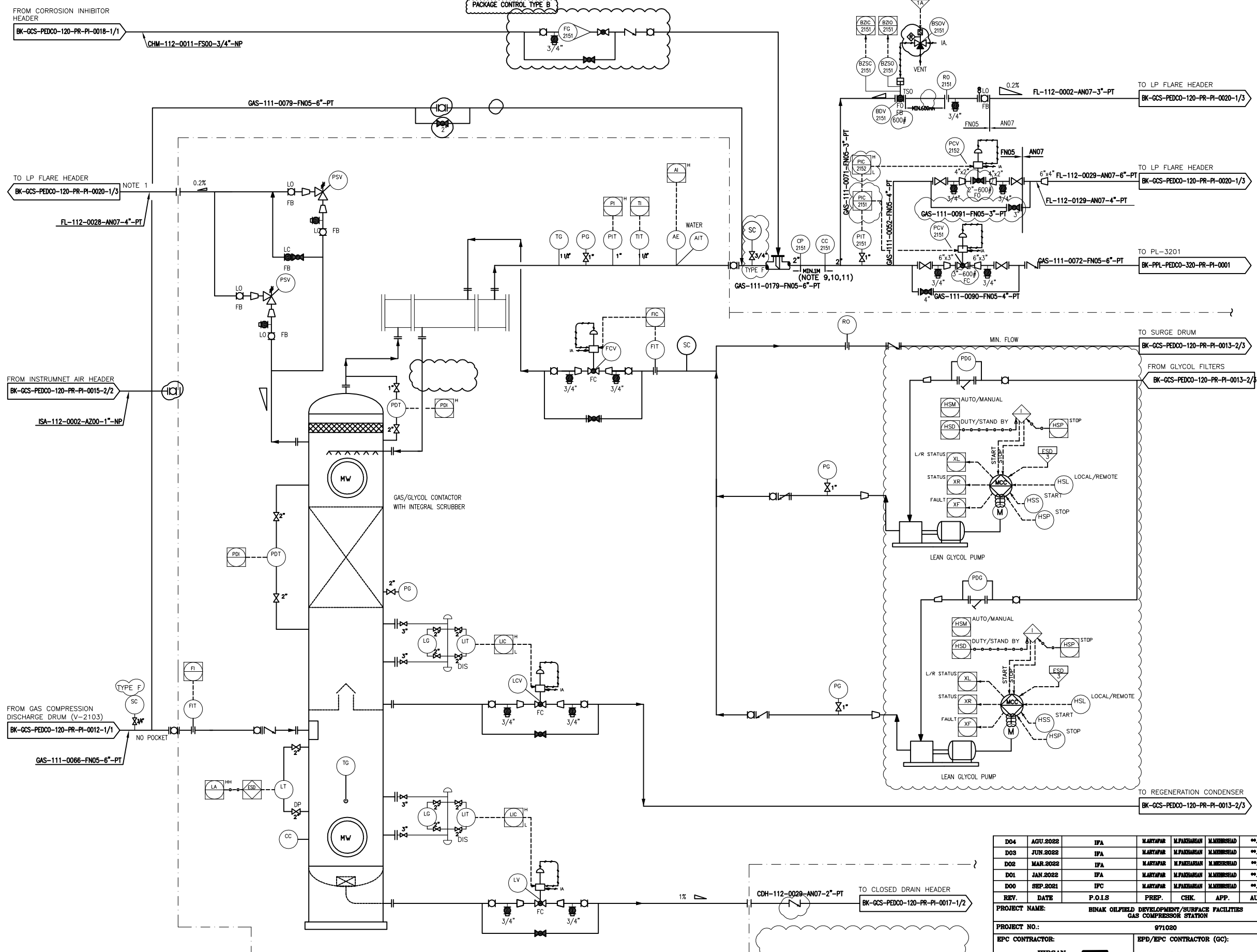


PK-2101 (NOTE 2.8)

DEHYDRATION PACKAGE
PACKAGE CONTROL TYPE B



- NOTES**
- 1- MIN. DESIGN TEMPERATURE SHALL BE CONFIRMED AFTER COMPLETION OF BLOW DOWN STUDY.
 - 2- DETAILS INSIDE PACKAGE ARE INDICATIVE TO BE DEVELOPED BY PACKAGE SUPPLIER.
 - 3- FILTER ELEMENT AND SUPPORTING DEVICE INTEGRITY TO BE VERIFIED FOR THE DEPRESSURIZATION CASE BY EPC CONTRACTOR.
 - 4- FLARE LINE SIZES TO BE DETERMINED BY PACKAGE SUPPLIER.
 - 5- DEW POINT OF THE DRY GAS LEAVING THE CONTACTOR SHALL BE MEASURED AND RECORDED.
 - 6- FOR DETAIL OF SAMPLE CONNECTION VENT LINE PREFER TO P&ID FOR LEGEND AND SYMBOLS.
 - 7- INSTRUMENT TRANSMITTERS ARE NOT SHOWN INSIDE PACKAGE TO BE DEVELOPED BY PACKAGE SUPPLIER.
 - 8- DEHYDRATION PACKAGE IS TYPE B AND SHALL BE CONTROLLED BY MAIN SCS/ESD ALL INSTRUMENT AND DEVICES SHALL BE PROVIDED BY VENDOR AS PER PROJECT SPECS AND PROJECT PID NUMBERING PROCEDURE SHALL BE FOLLOWED BY VENDOR.
 - 9- THE MONITORING DEVICE SHOULD BE USED AT 12 O'CLOCK POSITION ON HORIZONTAL PIPE SECTION.
 - 10- ENOUGH CLEARANCE AND PROPER PLATFORMS SHALL BE PROVIDED FOR COUPON RETRIEVAL OPERATIONS.
 - 11- THE MIN. 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.

LEGEND

REFERENCE DRAWING	DRG. No.
Process Flow Diagram	BK-GCS-PEDCO-120-PR-PF-0001
Symbol & Legend For PFD and P&ID	BK-GCS-PEDCO-120-PR-PI-0001

KEY PLAN

REV.	DATE	P.O.I.S	PREP.	CHEK.	APP.	AUT.
DD4	AGU.2022	IFA	MARYAFAR	M.PAKZADEH	M.MEHRSHAD	00.00
DD3	JUN.2022	IFA	MARYAFAR	M.PAKZADEH	M.MEHRSHAD	00.00
DD2	MAR.2022	IFA	MARYAFAR	M.PAKZADEH	M.MEHRSHAD	00.00
DD1	JAN.2022	IFA	MARYAFAR	M.PAKZADEH	M.MEHRSHAD	00.00
DD0	SEP.2021	IFA	MARYAFAR	M.PAKZADEH	M.MEHRSHAD	00.00

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION
 PROJECT NO.: 971020
 EPC CONTRACTOR: HIRGAN ENERGY
 EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY

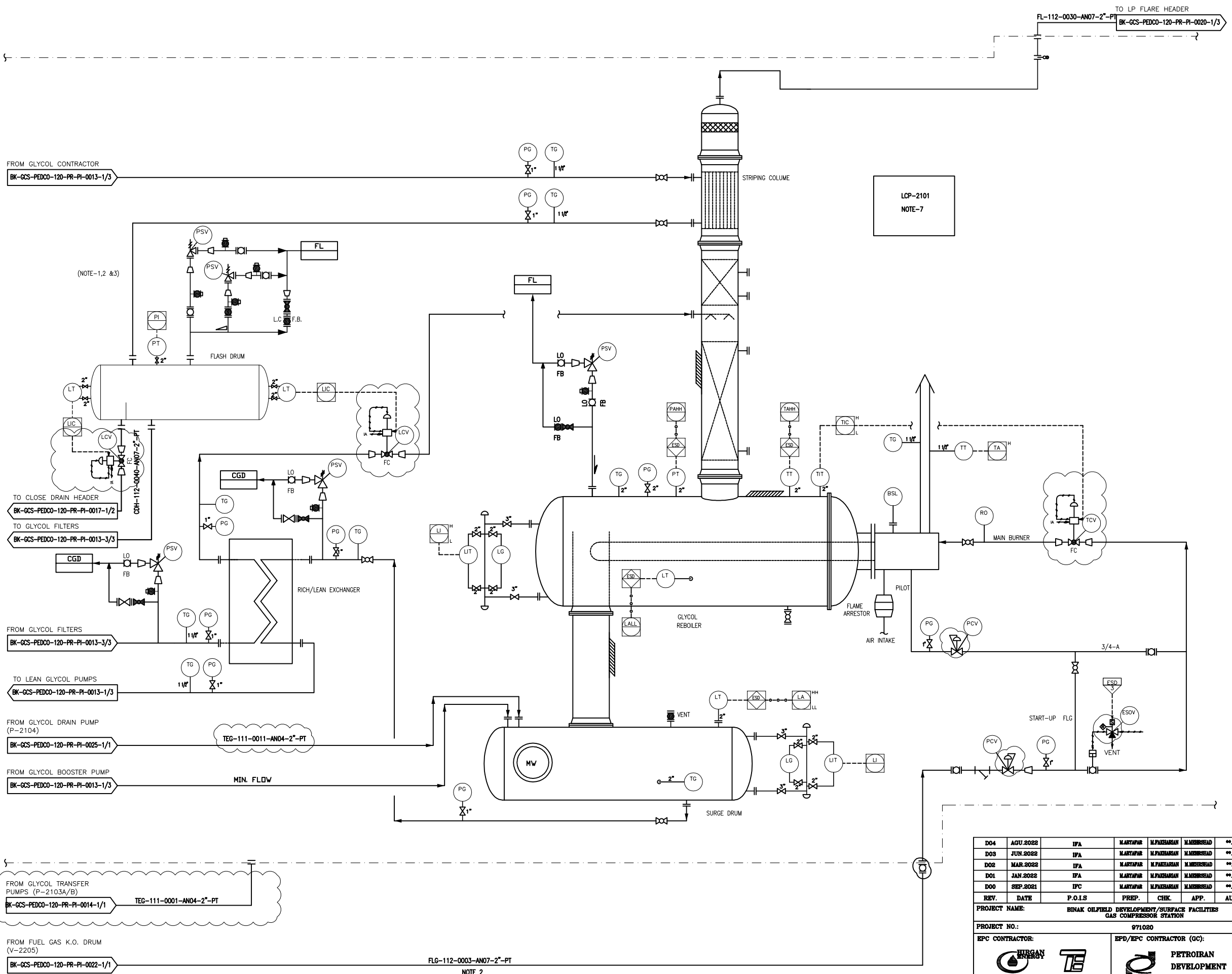
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 BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION
 DATE: SCALE: DRAWING BY: CHECKED BY: PROJECT ENG.

DRAWING TITLE: P&ID - Gas Compression Dehydration Package

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
NS	A3	BK-GCS-PEDCO-120-PR-PI-0013	1 OF 3	D04	DSS-073-9184	F	2	A	708791	1 OF 3	D04

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
 APPROVED FOR CONSTRUCTION BY: DATE:

(VENDOR TITLE BLOCK)**



- NOTES**
- 1- DETAILS INSIDE PACKAGE ARE INDICATIVE TO BE DEVELOPED BY PACKAGE SUPPLIER.
 - 2- LOCATION OF PSVs AND DEPRESSURIZE VALVES (IF REQUIRED) BY PACKAGE SUPPLIER.
 - 3- INSTRUMENT TRANSMITTERS ARE NOT SHOWN INSIDE PACKAGE TO BE DEVELOPED BY PACKAGE SUPPLIER.
 - 4- LOCATION OF LEAN GLYCOL PUMP BEFORE OR AFTER FILTER TO BE DETERMINED BY PACKAGE SUPPLIER.
 - 5- NUMBER LOCATION AND ARRANGEMENT OF FILTERS/ PRE-FILTER/ AFTER FILTER TO DETERMINED BY PACKAGE SUPPLIER.
 - 6- REQUIREMENT FOR STRIPPING GAS TO BE DETERMINED BY PACKAGE SUPPLIER.
 - 7- STOP / START PUSH BOTTOM FOR BURNER TO BE CONSIDER IN LCP.

LEGEND

REFERENCE DRAWING	DRG. No.
Process Flow Diagram	BK-GCS-PEDCO-120-PR-PF-0001
Symbol & Legend For PFD and P&ID	BK-GCS-PEDCO-120-PR-PI-0001

KEY PLAN

REV.	DATE	DESCRIPTION	BY	DATE	BY	DATE
DD4	AGU.2022	IFA	MARYAM	M.PAKHARAN	M.MEHRSHAD	00.00
DD3	JUN.2022	IFA	MARYAM	M.PAKHARAN	M.MEHRSHAD	00.00
DD2	MAR.2022	IFA	MARYAM	M.PAKHARAN	M.MEHRSHAD	00.00
DD1	JAN.2022	IFA	MARYAM	M.PAKHARAN	M.MEHRSHAD	00.00
DD0	SEP.2021	IPC	MARYAM	M.PAKHARAN	M.MEHRSHAD	00.00

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION
 PROJECT NO.: 971020
 EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES
 EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY

امثل و کلیه نسخ این نقشه و حق انحصاری متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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 BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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
NS	A3	BK-GCS-PEDCO-120-PR-PI-0013	2 OF 3	D04	653-073-9184	F	2	A	708791	2 OF 3	D04

FROM GLYCOL CONTRACTOR
BK-GCS-PEDCO-120-PR-PI-0013-1/3

TO CLOSE DRAIN HEADER
BK-GCS-PEDCO-120-PR-PI-0017-1/2

TO GLYCOL FILTERS
BK-GCS-PEDCO-120-PR-PI-0013-3/3

FROM GLYCOL FILTERS
BK-GCS-PEDCO-120-PR-PI-0013-3/3

TO LEAN GLYCOL PUMPS
BK-GCS-PEDCO-120-PR-PI-0013-1/3

FROM GLYCOL DRAIN PUMP (P-2104)
BK-GCS-PEDCO-120-PR-PI-0025-1/1

FROM GLYCOL BOOSTER PUMP
BK-GCS-PEDCO-120-PR-PI-0013-1/3

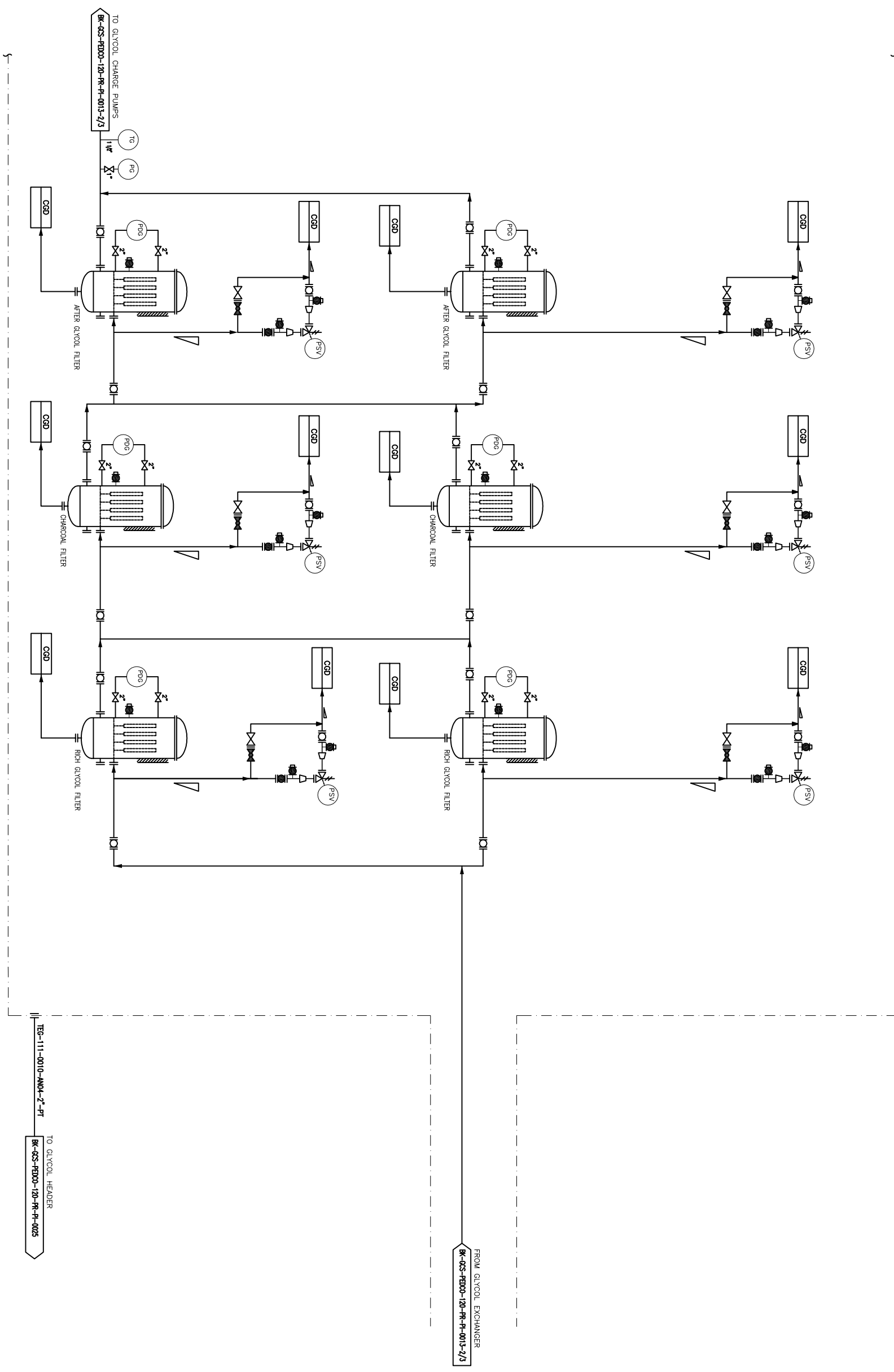
FROM GLYCOL TRANSFER PUMPS (P-2103A/B)
BK-GCS-PEDCO-120-PR-PI-0014-1/1

FROM FUEL GAS K.O. DRUM (V-2205)
BK-GCS-PEDCO-120-PR-PI-0022-1/1

FLG-112-0003-AN07-2"-PT
NOTE 2

LCP-2101
NOTE-7

(VENDOR TITLE BLOCK)**



NOTES
1 - THIS DRAWING IS PRELIMINARY AND IS IN VENDOR SCOPE.

LEGEND

REFERENCE DRAWING	DRG. No.
Process Flow Diagram	BK-GS-FB00-120-PR-FI-0001
Symbol & Legend for PFD and P&ID	BK-GS-FB00-120-PR-FI-0001

KEY PLAN

DO4	APR 2022	BYA	MAN/WAN	MAN/WAN	MAN/WAN	***			
DO3	JUN 2022	BYA	MAN/WAN	MAN/WAN	MAN/WAN	***			
DO2	MAR 2022	BYA	MAN/WAN	MAN/WAN	MAN/WAN	***			
DO1	JAN 2022	BYA	MAN/WAN	MAN/WAN	MAN/WAN	***			
DO0	SEP 2021	BYC	MAN/WAN	MAN/WAN	MAN/WAN	***			
REV.	DATE	BY	CHK.	APP.	AUT.				

PRODUCT NAME: BNAK OILFIELD DEVELOPMENT/STORAGE FACILITIES
GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: BPD/ERC CONTRACTOR (GC):

PERMISSION TO CONSTRUCT

DATE: _____ SCALE: _____ DRAWING BY: _____ CHECKED BY: _____

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

DRAWING TITLE: P&ID - Gas Compression Dehydration Package		DRAWING NO. BK-GS-FB00-120-PR-FI-0013		SHEET NO. 3 OF 3		REV. DO4	
SCALE	SIZE	NS	AS	NS	AS	NS	AS

(VENDOR TITLE BLOCK)

PROJECT NO.: 971020

EPC CONTRACTOR: BPD/ERC CONTRACTOR (GC):

DESIGNER: HIRSHAN ENERGY - DESIGN & INSPECTION COMPANIES

DEVELOPER: PETROBRAS DEVELOPMENT COMPANY

DATE: _____ SCALE: _____ DRAWING BY: _____ CHECKED BY: _____

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED