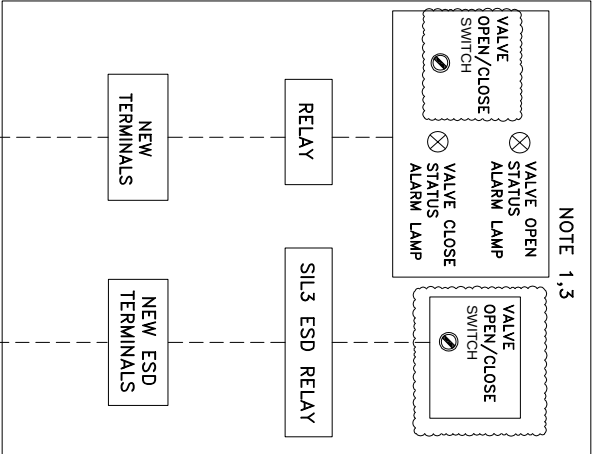


NOTES

[illegible]

EXISTING CONTROL /ESD PANEL
REFER TO BASIC DOCUMENT
NO.NISOC-BK-PL-IN-DIA-0002



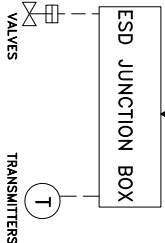
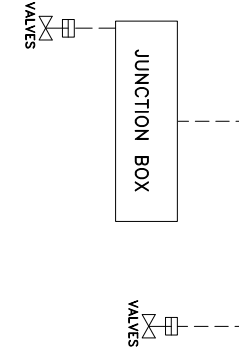
D06

GCS NEW
CONTROL BUILDING

Refer to the below document (on GCS Work package)
for all detail related to the system and connections

NOTE 3

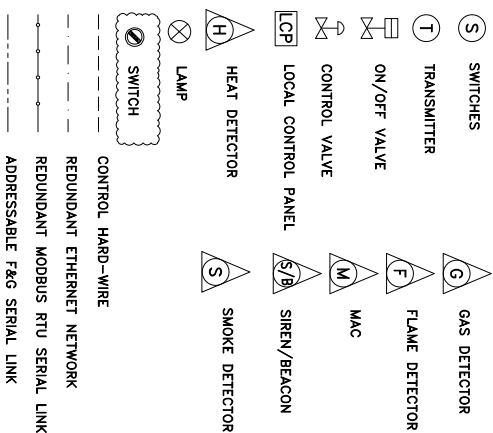
BK-GCS-PEDCO-120-IN-BD-0001-D01
Control, ESD, and F&G System Block Diagram Configuration



D06

- NOTES
- 1.NEW ESD/ DCS SYSTEM LOOPS OF SIAHMAKAN SHALL BE INSTALLED IN EXISTING CONTROL/SAFETY PANEL SYSTEM. THERE IS NO INTERFACE SIGNAL FROM SIAHMAKAN EXISTING CONTROL/ESD SYSTEM TO NEW DEVICES CONSIDERED FOR GAS PIPE LINE.
 - 2.SEPARATE JB FOR DIFFERENT SIGNAL TYPES (Digital/Analogue) SHALL BE USED.
 - 3.ALL NEW SYSTEM (DCS/ ESD/ F&G) AND DEVICE IN GCS NEW CONTROL ROOM ALSO CABLING INBETWEEN SHALL BE PROVIDED THROUGH BINAK GCS WORK PACKAGE. THERE IS NO COMMUNICATION WITH EXISTING SYSTEMS IN GCS OLD CONTROL ROOM.
 - 4.NUMBER OF CABINETS, F&G DETECTOR, FIELD INSTRUMENTS SHALL BE CONSIDERED IN ACCORDANCE WITH RELATED DOCUMENT.
 - 5.ALL REQUIRED DEVICES FOR NEW LOOPS IN SIAHMAKAN EXTENSION-OF- EXISTING-SYSTEM SUCH AS SIL3 RELAY,I/O.... TO BE PROVIDED BY CONTRACTOR AND TO BE INSTALLED ON EXISTING PANEL. ALSO SHALL BE IN COMPLIANCE WITH EXISTING PANEL SYSTEM SPECIFICATION.

LEGEND



REFERENCE DRAWING

DRG. No.

KEY PLAN

D06	JAN-2026	APC	PARAMUNGER	WYAKHODUN	PARAMUNGER	***
D05	JUN-2023	APC	PARAMUNGER	WYAKHODUN	PARAMUNGER	***
D04	AUG-2023	IPA	PARAMUNGER	WYAKHODUN	PARAMUNGER	***
D03	APR-2022	IPA	PARAMUNGER	WYAKHODUN	PARAMUNGER	***
D02	JAN-2022	IPA	PARAMUNGER	WYAKHODUN	PARAMUNGER	***
D01	OCT-2021	IPA	PARAMUNGER	WYAKHODUN	PARAMUNGER	***
D00	AUG-2021	IPC	PARAMUNGER	WYAKHODUN	PARAMUNGER	***
REV.	DATE	PREP.	CHEK	APP.	AUT.	
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS & GAS-CONDENSATE PIPELINES						
PROJECT NO.: 071060						
EPC CONTRACTOR:			EPC CONTRACTOR (GC):			
HIRGAN ENERGY COMPANIES			PETROBRAS DEVELOPMENT COMPANY			

المشروع: تطوير حقول النفط والغاز في حقل بوناك
الهدف: تصميم وتطوير مرافق سطح حقول النفط والغاز
الرقم: 071060
ملحوظة: هذا الرسم يمثل ملكية بوناك. جميع النسخ والاصلاحات يجب ان تكون متوافقة مع هذا الرسم.

BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS & GAS-CONDENSATE PIPELINES

DATE SCALE DRAWING BY CHECKED BY PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

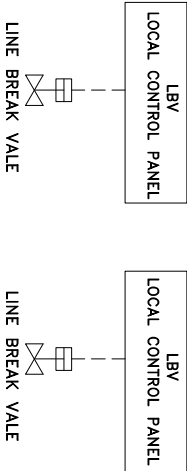
APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF. LOCATION SIZE (CLASS) SERIAL NO. SHEET REVISION

SCALE SIZE BK-PL-PEDCO-320-IN-BD-0001 1 OF 2 D06 0-S3-079-9164 2 1 708491 2 D08

(VENDOR TITLE BLOCK)**

LBV STATION
GAS TRANSFERRING LINE
(8” PIPE LINE)



BINAK PR.
UNIT
(4” PIPE LINE)

NO AUTOMATE INSTRUMENT/ACTUATOR

GCS
PIG LAUNCHER
AREA
(8” PIPE LINE)

SIAHMAKAN
PIG RECEIVER
AREA
(8” PIPE LINE)

SIAHMAKAN EXISTING
CONTROL BUILDING