DOCUMENT TITLE:

F&G LOCATION LAYOUT-EXTENSION OF BINAK B/C MANIFOLD

REFERENCE DRAWING

SPECIFICATION FOR FIRE & d.45 SENSOR AND DEVICES BK-CHR8AL-PEDCO-DOD-IN-SP-COCOS

FIRE & C.45 DETECTION DESIGN CRITERIA

FLAT PLAN DRAWING-EXPENSION OF BINAK B/G

BK-W0078-PEDCO-110-PI-PY-COCOI

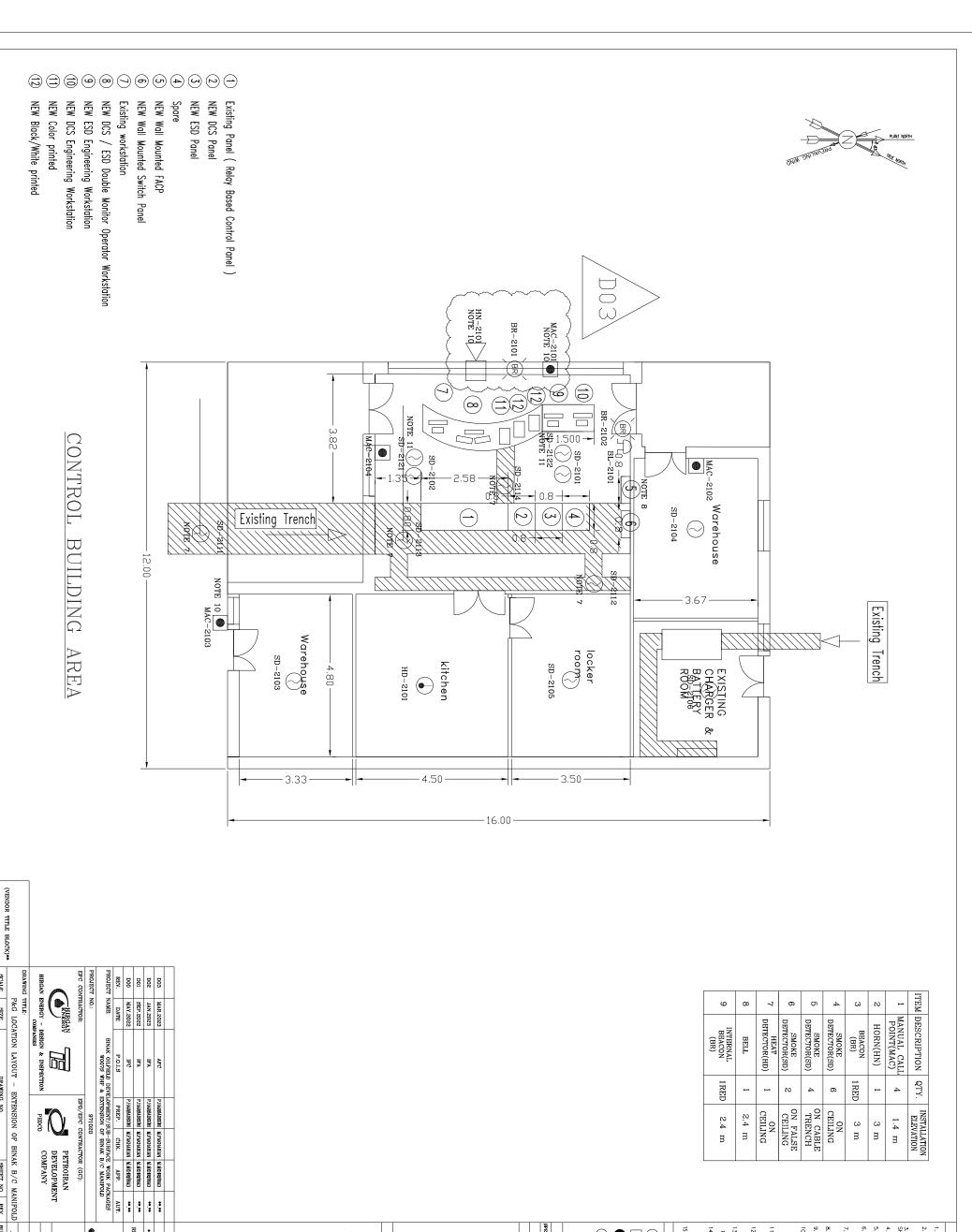
BK-W0078-PEDCO-110-PI-PY-COCOI

LEGEND

NOTES

KEY PLAN

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N.T.S	SCALE		DRAWING TITLE:		HIRGAN			EPC CONTRACTOR:	::ON LOSFONA	PROJECT NAME:	REV.	D00	D01	D02	D03			
A3	SIZE	F&G LOC	TITLE:	con	ENERGY -	ENERGY	HIRGA	TRACTOR:	NO.:	NAME:	DATE	MAY.2022	SEP.2022	JAN.2023	MAR.2023			
BK-W0078-PEDC0-110-IN-PY-0005	DRAWING NO.	F&G LOCATION LAYOUT - EXTENSION OF BINAK B/C MANIFOLD		COMPANIES	HIRGAN ENERGY - DESIGN & INSPECTION]			BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES WOO7S WHF & EXTENSION OF BINAK B/C MANIFOLD	P.O.I.S	IFC	IFA	IFA	APC			
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01 OF 04	SHEET NO.	AK B/C M			COMPANY	DEVELOPMENT	TIPOTE AN	OR (GC):				E WORK PA	APP.	M.MEHRSHAD	M.MEHRSHAD	M.MEHRSHAD	M.MEHRSHAD	
D03	REV.	MANIFOLD				Ä				CKAGES LD	AUT.	** **	** **		1			
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P	LOCATION SIZE CLASS	APPROVED FOR CONSTRUCTION	NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED		SCALE	W0075 WHF & EXTENSION OF BINAK B/C MANIFOLD	SUB-SI	DINAL		THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF	اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.	CMF HON	DESCRIPTION	*******				
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REFERENCE DRAWING

SPECIFICATION FOR FIRE & CLAS SENSOR AND DEVICES BK-CNEAL-PEDCO-DOD-IN-SP-00009

FIRE & CLAS DETECTION DESIGN CRITEGIA.

BK-0078-PEDCO-120-IN-DC-0001

FLOT PLAN DRAWING-ETENSION OF BINAK B/G

BK-00078-PEDCO-110-PI-PY-0001

igodot

HYDROGEN GAS DETECTOR

HORN D BELL

led

SMOKE DETECTOR MANUAL CALL POINT

BR RED BEACON

15. MAX .DISTANCE BETWEEN TWO SMOKE DETECTORS HAS BEEN CONSIDERED 10m.

LEGEND

. MAX. COVERAGE AREA FOR SMOKE DETECTORS HAS BEEN CONSIDERED 50 m² AND FOR HEAT DETECTORS HAS BEEN CONSIDERED 37m².

ON CABLE TRENCH

GE ON

FALSE JILING

10. N ACCORDANCE TO DOC."HAZARDOUS AREA CLASSINCATION LAYOUT — EXTENSION OF BINAK B/C MANIFOLID" AND THE SAFE AREA OF THE BUILDING, OUTDOOR EQUIPMENT SHALL NOT BE EX. TYPE.

8. FACP SHALL BE CONSIDERED ADDREESABLE TYPE.

SMOKE DETECTOR WITH REMOTE INDICATOR FOR CABLE TRENCH.

DELETED.

ON

3 m

3 H

5. BELL SHALL BE INSTALLED ON WALL.
6. HYDROGEN GAS DETECTORS TO BE CONSIDERED ADDRESSABLE TYPE.

ON CEILING

2.4 m 2.4 m

12. ONE TONE TO BE SELECTED FOR HORN AND BEACON FOR FIRE DETECTION (CONTINUOUS).

SMOKE DETECTOR WITH REMOTE INDICATOR FOR FALSE CEILING.

13. ONE COLOR TO BE SELECTED FOR BEACONS:

RED FOR FIRE

INSTALLATION ELEVATION

MACs SHALL BE WALL MOUNTED AT HEIGHT OF 1.4m ABOVE FINISHED LEVEL.

1. ALL DIMENSIONS ARE IN METER.

NOTES

3. SMOKE DETECTOR, HEAT AND HYDROGEN GAS DETECTOR SHALL BE INSTALLED ON CEILING.

I. ALL INSTALLATION ELEVATION SHALL BE ADJUSTED AT SITE.

1.4 m

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/SUB-SURFAC	CHK.	M.FAKHARIAN	M.FAKHARIAN	M.FAKHARIAN	M.FAKHARIAN	
E WORK PAC	APP.	M.MEHRSHAD	M.MEHRSHAD	M.MEHRSHAD	M.MEHR\$HAD	
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DA3/QA3

PEDCO

PETROIRAN DEVELOPMENT COMPANY

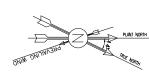
DATE

W0078 WHF & EXTENSION OF BINAK B/C MANIFOLD

SCALE DRAWING BY CHECKED BY PROJECT ENG.

BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES

SHEET REVISION
4 DO3



TTEM DESCRIPTION QTY INSTALLATION ELEVATION

1 MANUAL CALL POINT(MAC)

∾

3. SMOKE DETECTOR, HEAT AND HYDROGEN GAS DETECTOR SHALL BE INSTALLED ON CEILING. 2. MACs SHALL BE WALL MOUNTED AT HEIGHT OF 1.4m ABOVE FINISHED LEVEL.

1. ALL DIMENSIONS ARE IN METER.

NOTES

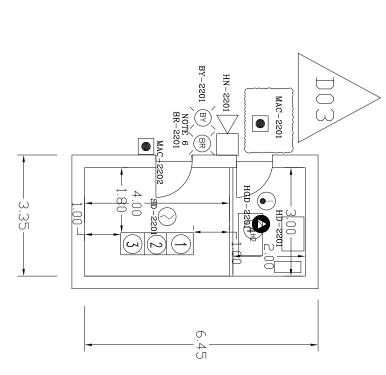
HORN(HN) BEACON (BR/BY)

1RED 1YELLOW

 \vdash

H2 GAS DETECTOR (HGD) SMOKE DETECTOR(SD)

HEAT DETECTOR(HD)



Existing/New	
Charger A	
24\	

- Existing/NewDistribution Panel
- Existing/NewCharger B 24V

Existing/New Battery

•)	\bigcirc
1	Existing/New
:	/New
•	\mathcal{C}
:	Charger
:	er
	\triangleright
)	24

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(VENDOR TITLE BLOCK)**

| DRAWING TIPLE: | NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED | PERMITTED UNLESS DRAWING APPROV

HIRDAN ENERGY - DESIGN & INSPECTION COMPANIES

DRAWING TIPE F.

PEDCO

PETROIRAN DEVELOPMENT COMPANY

DATE

W0075 WHF & EXTENSION OF BINAK B/C MANIFOLD

BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES

SCALE DRAWING BY CHECKED BY PROJECT ENG.

HIRGAN

9710 EPD/EPC

CONTRACTOR (GC):

DO3 MAR. 2023

D02 JAN. 2023

D01 SEP. 2022

D00 MAY. 2022

REV. DATE

PROJECT NAME:

APC PLIJASKODCHI MENKAKARIA MENESHAD ***

IFA PLIJASKODCHI MENKAKARIAN MENESHAD ***

IFA PLIJASKODCHI MENKAKARIAN MENESHAD ***

IFA PLIJASKODCHI MENKAKARIAN MENESHAD ***

POLIS PREP: CHK. ANP. AUT.

POLIS PREP: CHK. B/C MANIFOLD

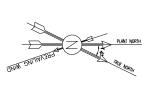
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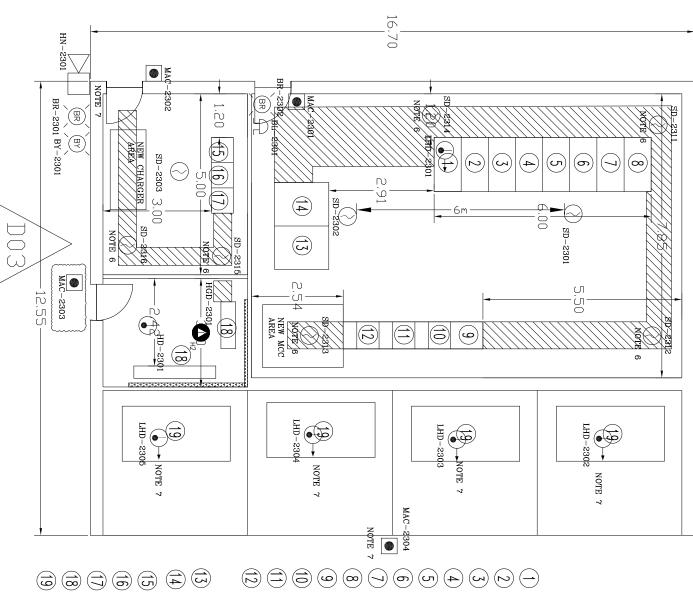
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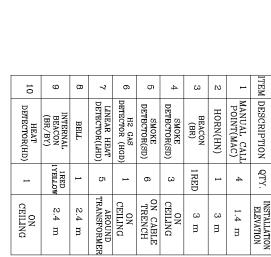
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BATTERY ROOM AREA

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											ON CEILING	CEILING	CEILING		3 m	1.4 m
		1 70														
THIS LOCATION THIS LOCATION	PIGT PLAN DRAWING-DYNOSION OF BINAK B/C PLOT PLAN DRAWING-DYNOSION OF BINAK B/C BK-40078-PEDCO-110-PI-PY-0001	AND DEVICES I	REFERENCE DRAWING DRG. No.	HEAT DETECTOR	HYDROGEN GAS DETECTOR HORN	SMOKE DETECTOR (BF) RED BEACON	LEGBND	10 MAX .DISTANCE BETWEEN TWO SMOKE DETECTORS HAS BEEN CONSIDERED 10m.	9. MAX. COVERGE AREA FOR SMOKE DETECTORS HAS BEEN CONSIDERED 50 m² AND FOR HEAT DETECTORS HAS BEEN CONSIDERED 37m².	RED FOR FIRE	8. 2 DIFFERENT COLORS TO BE SELECTED FOR BEACONS:	BEACON ONE FOR FLAMMABLE, TOXIC GAS DETECTION LOW ALARM(NON-CONTINUOUS) AND ONE FOR FIRE DETECTION/FLAMMABLE & TOXIC GAS DETECTION HIGH ALARM (CONTINUIOUS).	7. 2 DIFFERENT TONES TO BE SELECTED FOR HORN AND	C. IN ACCORDANCE TO DOC."HAZARDOUS AREA CLASSIFICATION LAYOUT - EXTENSION OF BINAK B/C MANIFOLD" AND THE SAFE AREA OF THE BUILDING.	5. HYDROGEN GAS DETECTORS TO BE CONSIDERED ADDRESSABLE TYPE.	4. ALL INSTALLATION ELEVATION SHALL BE ADJUSTED AT SITE.







BEACON ONE FOR FLAMMBAILT TONC OR DETECTION LOW LARM(NON-CONTINUOUS) AND ONE FOR FIRE DETECTION HIGH ALARM (CONTINUOUS).

. 2 DIFFERENT COLORS TO BE SELECTED FOR BEACONS:

IN ACCORDANCE TO DOC."HAZARDOUS AREA CLASSIFICATION LAYOUT – EXTENSION OF BINAK B/C MANIFOLI" AND THE SAFE AREA OF THE BUIDLING.THIS EQUIPMENT SHALL NOT BE EX. TYPE.

SMOKE DETECTOR WITH REMOTE INDICATOR FOR CABLE TRENCH. HYDROGEN GAS DETECTORS TO BE CONSIDERED ADDRESSABLE TYPE.

MAX. COVERAGE AREA FOR SMOKE DETECTORS HAS BEEN CONSIDERED 50 m² AND FOR HEAT DETECTORS HAS BEEN CONSIDERED 37 m².

YELLOW FOR FLAMMABLE GAS DETECTION

RED FOR FIRE

1. MAX. DISTANCE BETWEEN TWO SMOKE DETECTORS HAS BEEN CONSIDERED 10 m.

3. SMOKE DETECTOR, HEAT AND HYDROGEN GAS DETECTOR SHALL BE INSTALLED ON CEILING. MACs SHALL BE WALL MOUNTED AT HEIGHT OF 1.4m ABOVE FINISHED LEVEL.

ALL DIMENSIONS ARE IN METER.

NOTES

4. ALL INSTALLATION ELEVATION SHALL BE ADJUSTED AT SITE.

- Existing Transformer 500 KA
- Existing Capacitor 200 KVAR
- Existing Motor 90KW P3
- Existing PT Panel
- Existing Incoming
- Existing Equipped Spare (600 KW)

REFERENCE DRAWING

DRG. No.

SPECIFICATION FOR FIRE & GAS SENSOR AND DEVICES BK-CHRAL-PEDCO-DOO-IN-SP-COCOFIRE & GAS DETECTION DESIGN CHITERIA

PLAT PLAN DRAWING-EXTENSION OF BINAK B/G

BK-WOOTS-FEDCO-110-PF-PY-COCI

HYDROGEN GAS DETECTOR • LINEAR HEAT DETECTOR

HORN TIBBB ST.

HEAT DETECTOR

MANUAL CALL POINT

BR RED BEACON
BY YELLOW BEACON

SMOKE DETECTOR

LEGEND

- Existing Motor 525KW (P2)
- Existing Motor 600KW (P4) Existing LV MCC Panel
- Existing FEEDER (Spare, Spare 100A, Equipped Spare (25kw/100A), Capacitor Bank(150 KVAR), P3(55KW))
- 3.3 Switchgear MCC (60A), Equipped Spare (25KW, 100A), Existing 440V MCC) Existing FEEDER (Battery Charger "A" (25A), TO Switchgear Room (63A), Pump House FLP(63A), Spare
- Existing CB 100KVAR 3.3KV (First Step)
- Existing CB 100KVAR 3.3KV (Second Step) Existing 110 VDC - 25A Battery charger-A
- Existing 110 VDC 25A Distribution Panel
- Existing 110 VDC 25A Battery charger-B
- Existing / New Battery Room, Including 110VDC Existing & New AC UPS 110 VAC Battery
- Existing Transformer House

1/1	SCALE	F&G	DRAWING TITLE:		HIRGAN	_		EPC CONTRACTOR:	PROJECT NO.:	PROJECT NAME:	REV.	D00	D01	D02	D03	
A3	SIZE	LOCATION	TITLE:	COME	ENERGY - I	ENERGY	HIRGAN	RACTOR:	NO.:	NAME:	DATE	MAY.2022	SEP.2022	JAN.2023	MAR.2023	
BK-W0078-PEDC0-110-IN-PY-0005	DRAWING NO	F&G LOCATION LAYOUT - EXTENSION OF BINAK B/C MANIFOLD		COMPANIES	HIRGAN ENERGY - DESIGN & INSPECTION]			BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES WOO7S WHF & EXTENSION OF BINAK B/C MANIFOLD	P.O.I.S	IFC	IFA	IFA	AFC	
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SWITCH GEAR BUILDING AREA

(VENDOR TITLE BLOCK)** F&G LO