

NOTES

REFERENCE DRAWING	DRG. NO.
7462 LOCATION LAYOUT - EXPANSION OF BRAD B/C MAINFOLD	BK-M007S-PEDCO-110-IN-PT-0006
PERFORMANCE FOR PIPE & GAS SENSOR AND DEVICES	BK-CRNL-PEDCO-000-IN-SP-0009
PIPE & GAS DETECTION DESIGN CRITERIA	BK-INSR-PEDCO-110-IN-DC-0001
BLOCK DIAGRAM CONFIGURATION FOR CONTROL/ESD/PAK SYS-MAINFOLD	BK-M007S-PEDCO-110-IN-DC-0001

KEY PLAN	
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F&G CAUSE AND EFFECT DIAGRAM – EXTENSION OF BINAK B/C MANIFOLD

DOCUMENT TITLE

[illegible]

F&G CAUSE AND EFFECT
DIAGRAM
CONTROL BUILDING
AREA/BATTERY ROOM
AREA/SWITCH GEAR
BUILDING AREA

ACTION	EFFECT	DESCRIPTION	TAG	CONTROL BUILDING AREA	BATTERY ROOM AREA	SWITCH GEAR BUILDING AREA	FACP (NOTE 4)
INITIATE	ALARM RED FLASH LIGHT FOR FIRE DETECTION		BR-2101/2102				
INITIATE	ALARM SOUNDER WITH CONTINUOUS SOUND FOR FIRE DETECTION		BL-2101 HN-2101				
INITIATE	ALARM RED FLASH LIGHT FOR FIRE DETECTION						
INITIATE	ALARM SOUNDER WITH CONTINUOUS SOUND FOR FIRE DETECTION		BR-2201				
INITIATE	ALARM YELLOW FLASH LIGHT FOR FLAMMABLE GAS DETECTION		BY-2201				
INITIATE	ALARM SOUNDER WITH NON-CONTINUOUS SOUND FOR HYDROGEN GAS DETECTION		HN-2201				
INITIATE	ALARM SOUNDER WITH CONTINUOUS SOUND FOR HYDROGEN GAS DETECTION						
INITIATE	TURN ON BATTERY ROOM EXHAUST FAN						
INITIATE	ISOLATION OF BATTERY FEEDER & INHIBIT TO BOOST FOR UPS CHARGERS						
INITIATE	ALARM RED FLASH LIGHT FOR FIRE DETECTION		BR-2301/2302				
INITIATE	ALARM YELLOW FLASH LIGHT FOR FLAMMABLE GAS DETECTION		BY-2301				
INITIATE	ALARM SOUNDER WITH CONTINUOUS SOUND FOR HYDROGEN GAS DETECTION		BL-2301 HN-2301				
INITIATE	ALARM SOUNDER WITH NON-CONTINUOUS SOUND FOR HYDROGEN GAS DETECTION						
INITIATE	TURN ON BATTERY ROOM EXHAUST FAN						
INITIATE	ISOLATION OF BATTERY FEEDER & INHIBIT TO BOOST FOR UPS CHARGERS						
INITIATE	LAMP FOR MANUAL CALL POINT ALARM FOR CONTROL BUILDING ROOM						
INITIATE	LAMP FOR SMOKE DETECTION FOR CONTROL BUILDING ROOM						
INITIATE	LAMP FOR HEAT DETECTION FOR CONTROL BUILDING ROOM						
INITIATE	BATTERY ROOM ALARM FOR BATTERY ROOM AREA						
INITIATE	LAMP FOR SMOKE DETECTION FOR BATTERY ROOM AREA						
INITIATE	LAMP FOR HEAT DETECTION FOR BATTERY ROOM AREA						
INITIATE	BATTERY ROOM ALARM FOR BATTERY ROOM AREA						
INITIATE	SWITCH GEAR BUILDING AREA ALARM FOR SWITCH GEAR BUILDING AREA						
INITIATE	LAMP FOR SMOKE DETECTION FOR SWITCH GEAR BUILDING AREA						
INITIATE	LAMP FOR HEAT DETECTION FOR SWITCH GEAR BUILDING AREA						
INITIATE	SWITCH GEAR BUILDING AREA ALARM FOR SWITCH GEAR BUILDING AREA						
INITIATE	LAMP FOR HYDROGEN GAS DETECTION FOR SWITCH GEAR BUILDING AREA						
INITIATE	LAMP FOR LINEAR HEAT DETECTOR FOR SWITCH GEAR BUILDING AREA						
REMARKS							

DESCRIPTION	TAG	
	1	2
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SWITCH GEAR BUILDING AREA CALL POINT ACTIVATION	MANUAL ALARM
MAC-2301~2304	X

[illegible][illegible][illegible][illegible][illegible][illegible]

PROJECT NAME:	BINK OUTLAND DEVELOPMENT/SHS STUDIOS WORK PLACEDS
PROJECT NO.:	971020

[illegible]

DRAWING TITLE:		COMPANIES	
F&G CAUSE AND EFFECT DIAGRAM - EXTENSION OF BINAK B/C MANIFOLD			
(VENDOR TITLE BLOCK)**			
SCALE	SIZE	DRAWING NO.	SHEET NO.
N.T.S	A3	BK-W007S-F&GCO-110-IN-DG-0010	03 OF 03
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NOTES

1. (C&C) CONTROL ROOM MONITORING IS DEDICATED TO ALARMING ON FLAG OPERATOR WORKSTATION.
2. 2 DIFFERENT TONES TO BE SELECTED FOR HORN AND BEACON ONE FOR LOW ALARM OF FLAMMABLE/ TOXIC GAS DETECTION(NON-CONTINUOUS) AND ONE FOR FIRE/HIGH ALARM OF FLAMMABLE/ TOXIC GAS DETECTION (CONTINUOUS).
3. DIFFERENT COLORS TO BE SELECTED FOR LIGHTS OF BEACONS:
 - RED FOR FIRE DETECTION
 - BLUE FOR TOXIC GAS DETECTION
- YELLOW FOR FLAMMABLE GAS DETECTION

ALARM LAMP ON FACP WILL BE ACTIVATED CONSIDERING DEDICATED DETECTION ADDRESS.

REFERENCE DRAWING		DRG. No.
P&G LOCATION LAYOUT - EXTENSION OF BRINK B/C MAINFOLD SPECIFICATION FOR PIRE & GAS SENSOR AND DEVICES PIRE & GAS DETECTION DESIGN CRITERIA BLOCK DIAGRAM CONFIGURATION FOR CONTROL /RSV/ P&G SYS-MAINFOLD		BK-M007F-PK000-110-N-PY-0000 BK-M007F-PK000-110-N-PY-0000 BK-CH04L-PK000-000-N-SP-0000 BK-S500L-PK000-110-N-DC-0001 BK-M007F-PK000-110-N-DC-0002

KEY PLAN	
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BINAK OUTFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES									
MOOTRS WHF & EXTENSION OF BINAK B/C MAINFOLD									
DAYS		SCALE		DRAWING BY		CHECKED BY		PROJECT ENG.	
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED									
APPROVED FOR CONSTRUCTION				BY:		DATE:			
BINDER REF.		LOCATION/SIZE/CLASS		SERIAL NO.		SHEET		REVISION	
03-073-9184		F		Z J		707963		3	
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