

INDEX SHEET

SHEET No.	DESCRIPTION	D00	D01	D02	D03	D04
01	COVER SHEET	✓	✓	✓	✓	
02	INDEX SHEET	✓	✓	✓	✓	
03	ABBREVIATION & NOTES	✓	✓	✓		
04	CONFIGURATION	✓	✓	✓		
05	LOGIC DIAGRAM	✓	✓	✓		

NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
ELECTRICAL TYPICAL SCHEMATIC DIAGRAMS FOR LV PANELS OF WELL PADS	BK-SSGRL-PEDCO-110-EL-LD-0001

KEY PLAN

REV.	DATE	DESCRIPTION	BY	DATE	CHECKED	REV. APPR.
D03	NOV.2022	AFC	H.SHAKIBA	M.PAKHARJAN	M.MEHRESHAD	
D02	MAR.2022	IFA	H.SHAKIBA	M.PAKHARJAN	M.MEHRESHAD	***
D01	FEB.2022	IFA	H.SHAKIBA	M.PAKHARJAN	M.MEHRESHAD	** **
D00	AUG.2021	IPC	M.ASGHARNEJAD	M.PAKHARJAN	M.MEHRESHAD	** **
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

اصل و کلیه نسخ این نقشه و حق آفتاب منطبق به شرکت ملی مناطق نفت خیز جنوب میباشد.
 THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

PROJECT NAME:	BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W035 WELLHEAD FACILITIES			
PROJECT NO.:	971020			
EPC CONTRACTOR:	EPD/EPC CONTRACTOR (GC):			
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES	 PETROIRAN DEVELOPMENT COMPANY	BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES GENERAL		
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
N.T.S	A3	BK-SSGRL-PEDCO-110-EL-LD-0001	02 OF 05	D03	053-073-9184	F	2	P	707402	02 OF 05	D03

(VENDOR TITLE BLOCK)**

SS1: AUTO/MANUAL SELECTOR SWITCH(PAD LOCKABLE) WITH THE FOLLOWING POSITIONS:

A: AUTOMATIC TRANSFER

M: ONLY LOCAL & MANUAL COMMANDS

THIS DRAWING IS VALID FOR ALL 6 NUMBER OF WELLS NAMED AS BELOW:

- WELL NUMBER BK-12

- WELL NUMBER BK-05

- WELL NUMBER BKW-046

- WELL NUMBER BK-15

- WELL NUMBER W-007

- WELL NUMBER BK-14

 POWER TRANSFORMER

 DIESEL GENERATOR

 CIRCUIT BREAKER

 POWER CABLE

 WITHDRAWABLE



NOTES

LEGEND





REFERENCE DRAWING

DRG. No.

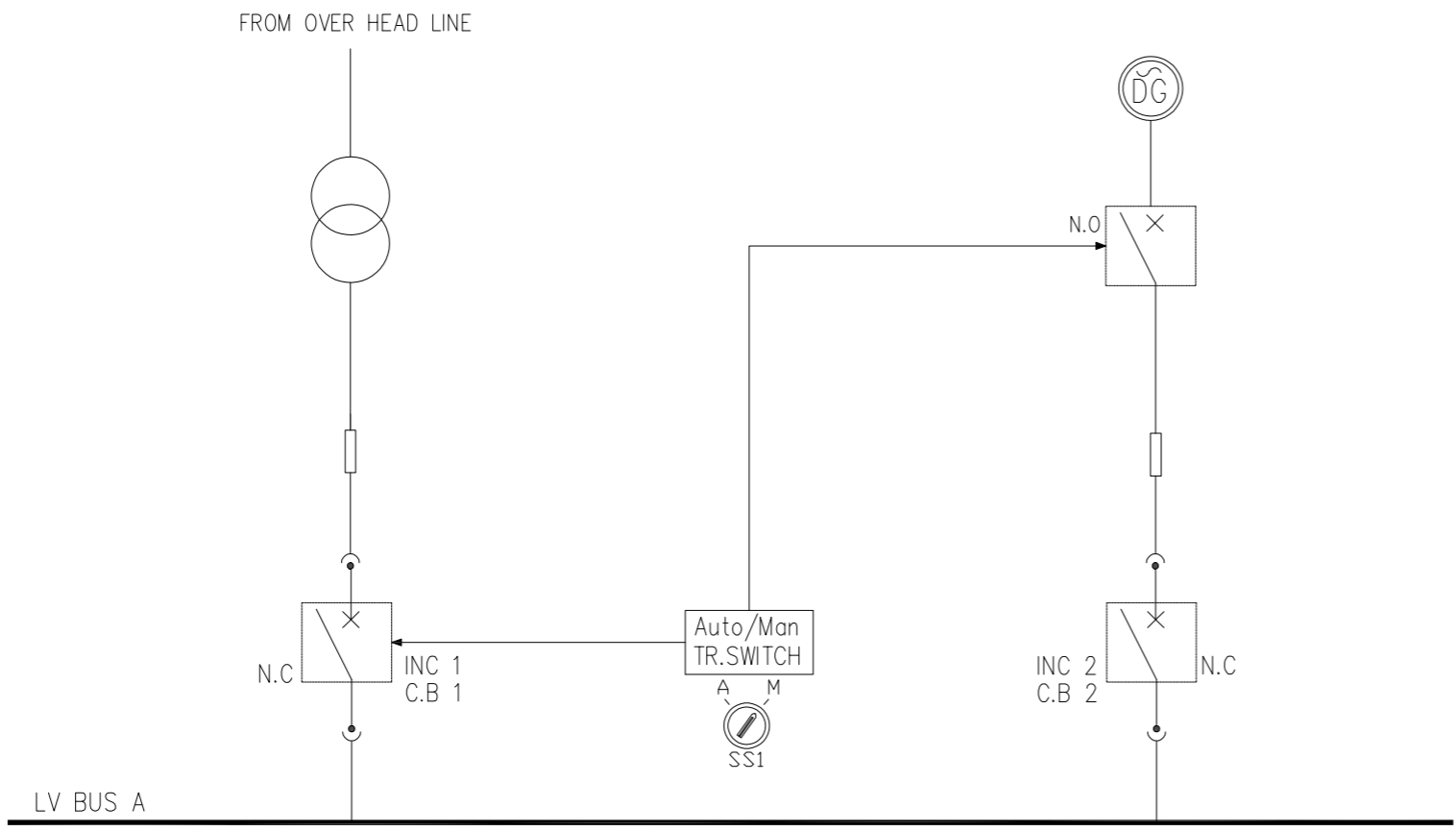
ELECTRICAL TYPICAL SCHEMATIC DIAGRAMS FOR LV PANELS OF WELL PADS BK-SSGL-PEDCO-110-EL-LD-0001

KEY PLAN

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	DESCRIPTION	BY	DATE	CHECKED	REV.	DATE
D03	NOV.2022	AFC	H.SHAKBA	M.PAKHARJAN	M.MEHRESHAD							
D02	MAR.2022	IFA	H.SHAKBA	M.PAKHARJAN	M.MEHRESHAD		*****	**	***	****	**	***
D01	FEB.2022	IFA	H.SHAKBA	M.PAKHARJAN	M.MEHRESHAD	**						
D00	AUG.2021	IPC	M.ASGHARNEJAD	M.PAKHARJAN	M.MEHRESHAD	**						

PROJECT NAME:		BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W035 WELLHEAD FACILITIES					 THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS				
PROJECT NO.:		971020									
EPC CONTRACTOR:		EPD/EPC CONTRACTOR (GC):					BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES GENERAL				
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES		 PETROIRAN DEVELOPMENT COMPANY					 PEDCO				
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
N.T.S	A3	BK-SSGL-PEDCO-110-EL-LD-0001	03 OF 05	D03	053-073-9184	F	2	P	707402	03 OF 05	D03

(VENDOR TITLE BLOCK)**



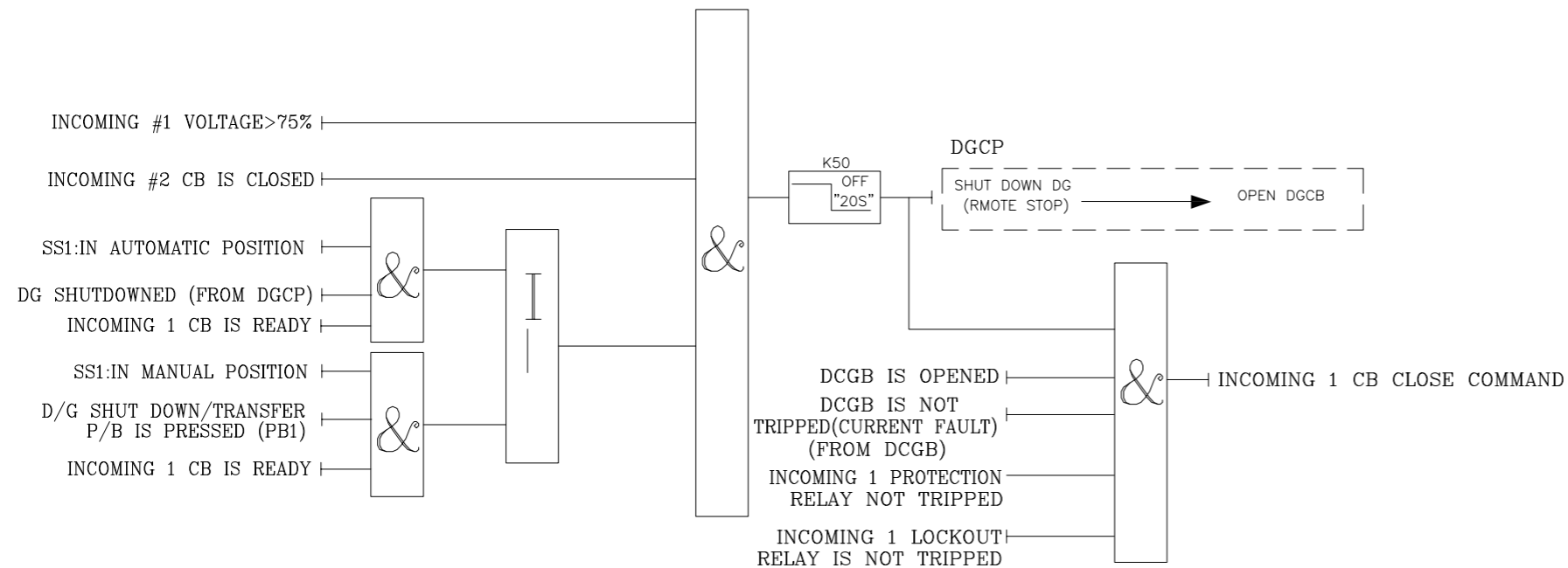
NOTES

LEGEND

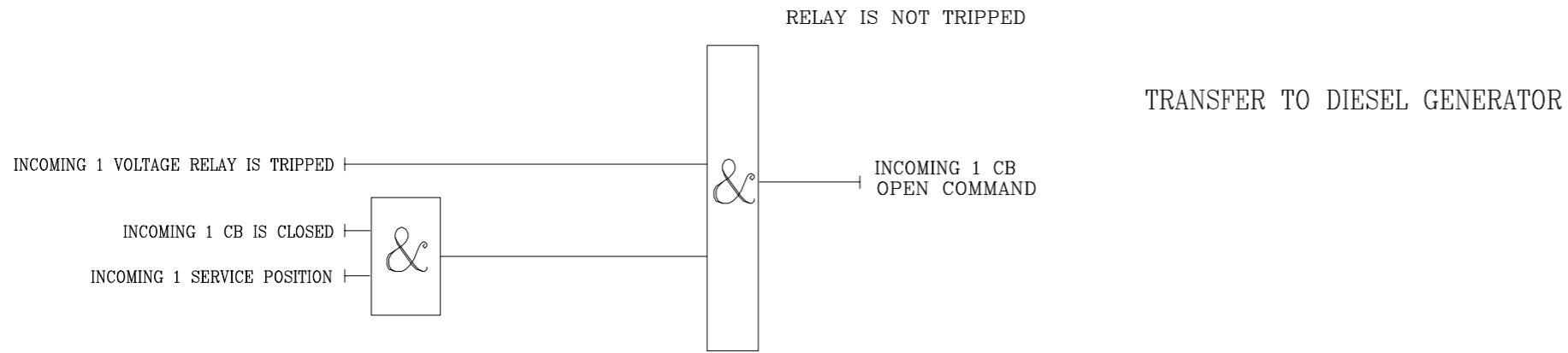
REFERENCE DRAWING	DRG. No.
ELECTRICAL TYPICAL SCHEMATIC DIAGRAMS FOR LV PANELS OF WELL PADS	BK-SSGR-PEDCO-110-EL-LD-0001

KEY PLAN

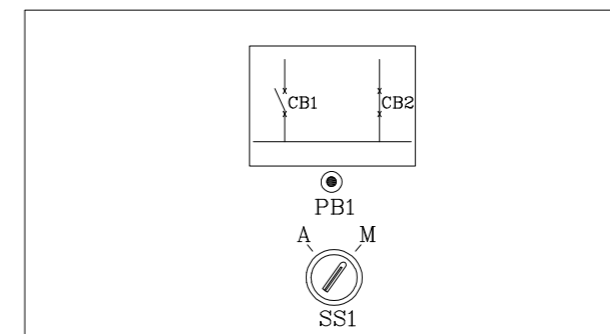
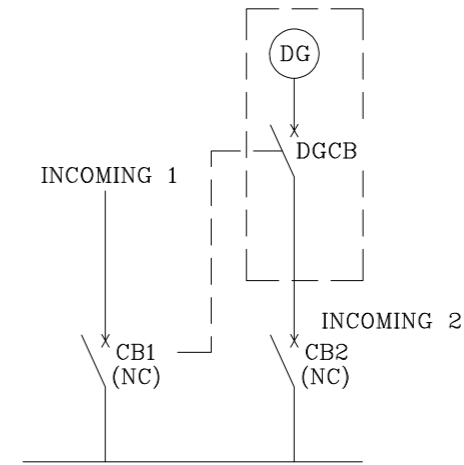
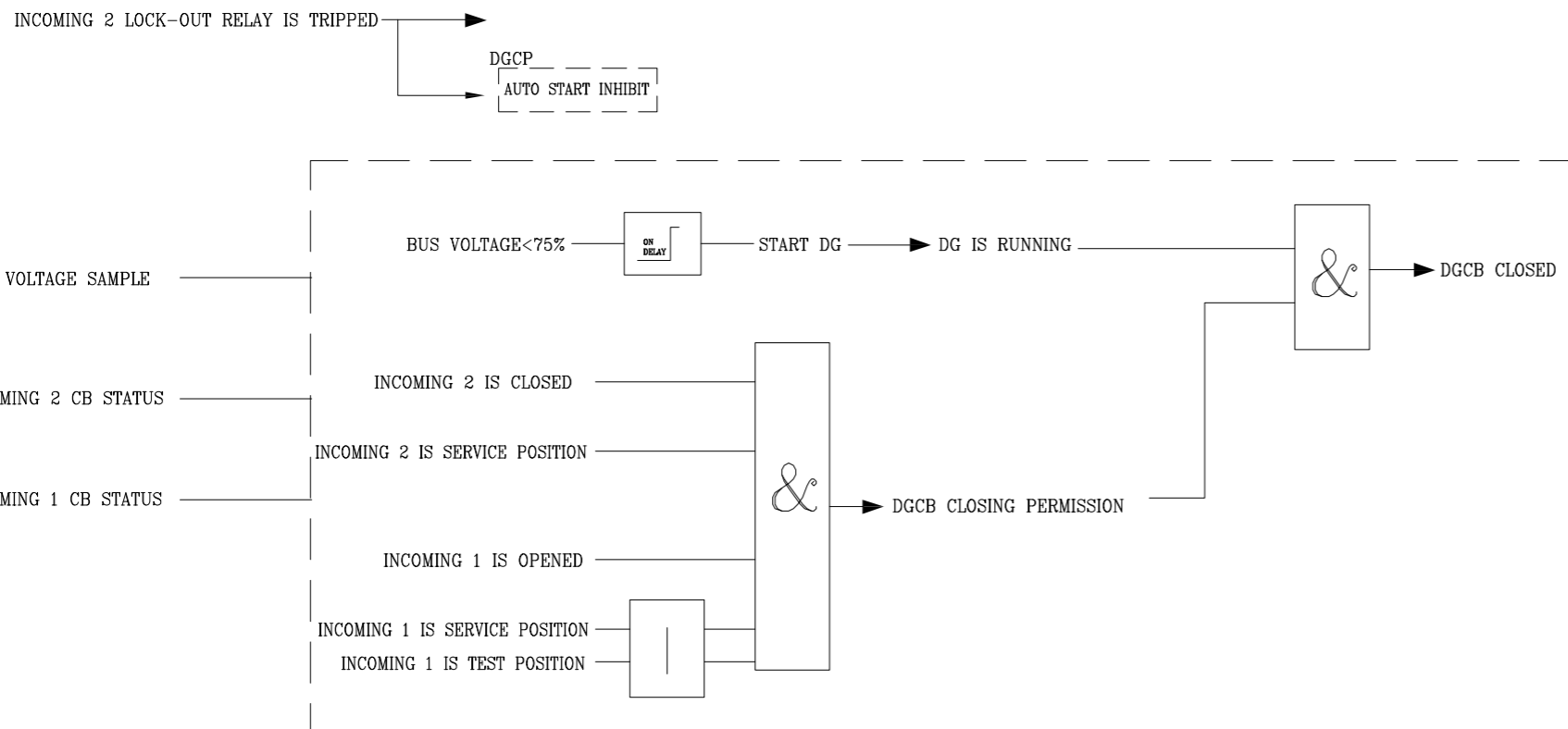
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	DESCRIPTION	BY	DATE	CHECKED	BY	DATE	REV. APPR.
D03	NOV.2022	AFC	H.SHAKBA	M.PAKHARJAN	M.MEHRESHAD								
D02	MAR.2022	IFA	H.SHAKBA	M.PAKHARJAN	M.MEHRESHAD	**	*****	**	****	**	**	****	**
D01	FEB.2022	IFA	H.SHAKBA	M.PAKHARJAN	M.MEHRESHAD	**							
D00	AUG.2021	IPC	M.ASGHARNEJAD	M.PAKHARJAN	M.MEHRESHAD	**							
اصل و کتبه نسخ این نقشه و حق آفتابى متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد. THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS													
PROJECT NAME:		BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W035 WELLHEAD FACILITIES											
PROJECT NO.:		971020											
EPC CONTRACTOR:		 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES					EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY						
DRAWING TITLE:		CONTROL LOGIC DIAGRAM FOR LV INCOMERS OF WELL PADS					BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES GENERAL						
(VENDOR TITLE BLOCK)**							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-SSGR-PEDCO-110-EL-LD-0001		04 OF 05	D03	053-073-9184	F	2	P	707402	04 OF 05	D03	



AUTOMATIC/MANUAL TRANSFER TO GRID POWER



TRANSFER TO DIESEL GENERATOR



INCOMING 2

SS1: AUTO/MANUAL SELECTOR SWITCH (PAD LOCKABLE) WITH THE FOLLOWING POSITIONS:

A: AUTOMATIC TRANSFER
M: ONLY LOCAL & MANUAL COMMANDS

NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
ELECTRICAL TYPICAL SCHEMATIC DIAGRAMS FOR LV PANELS OF WELL PADS	BK-SSGR-PEDCO-110-EL-LD-0001

KEY PLAN

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	DESCRIPTION	BY	DATE	BY	DATE
D03	NOV.2022	AFC	H.SHAKBA	M.PAKHARIAN	M.MEHRESHAD						
D02	MAR.2022	IFA	H.SHAKBA	M.PAKHARIAN	M.MEHRESHAD	***	*****	**	***	****	***
D01	FEB.2022	IFA	H.SHAKBA	M.PAKHARIAN	M.MEHRESHAD	**					
D00	AUG.2021	IPC	M.ASHGARBEZAD	M.PAKHARIAN	M.MEHRESHAD	**					

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W035 WELLHEAD FACILITIES
PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY

DRAWING TITLE: CONTROL LOGIC DIAGRAM FOR LV INCOMERS OF WELL PADS

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
N.T.S	A3	BK-SSGR-PEDCO-110-EL-LD-0001	05 OF 05	D03	053-073-9184	F	2	P	707402	05 OF 05	D03