

# ELECTRICAL CABLE ROUTE & SECTION LAYOUT

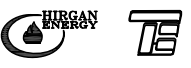
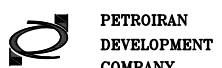
## LAYOUT FOR SWITCHGEAR BUILDING OF WELL PADS

NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
ELECTRICAL POWER & CONTROL CABLE LIST OF WELL PADS	BK-SSGRL-PEDCO-110-EL-L1-0002
TYPICAL INSTALLATION DETAILS & NOTES FOR POWER SYSTEM	BK-GNRL-PEDCO-000-EL-DW-0004
ELECTRICAL EQUIPMENT ARRANGEMENT LAYOUT FOR SWITCHGEAR BUILDING OF WELL PADS	BK-SSGRL-PEDCO-110-EL-PY-0008
AREA ELECTRICAL CABLE ROUTE & SECTION LAYOUT OF WELL PADS	BK-SSGRL-PEDCO-110-EL-PY-0008

KEY PLAN

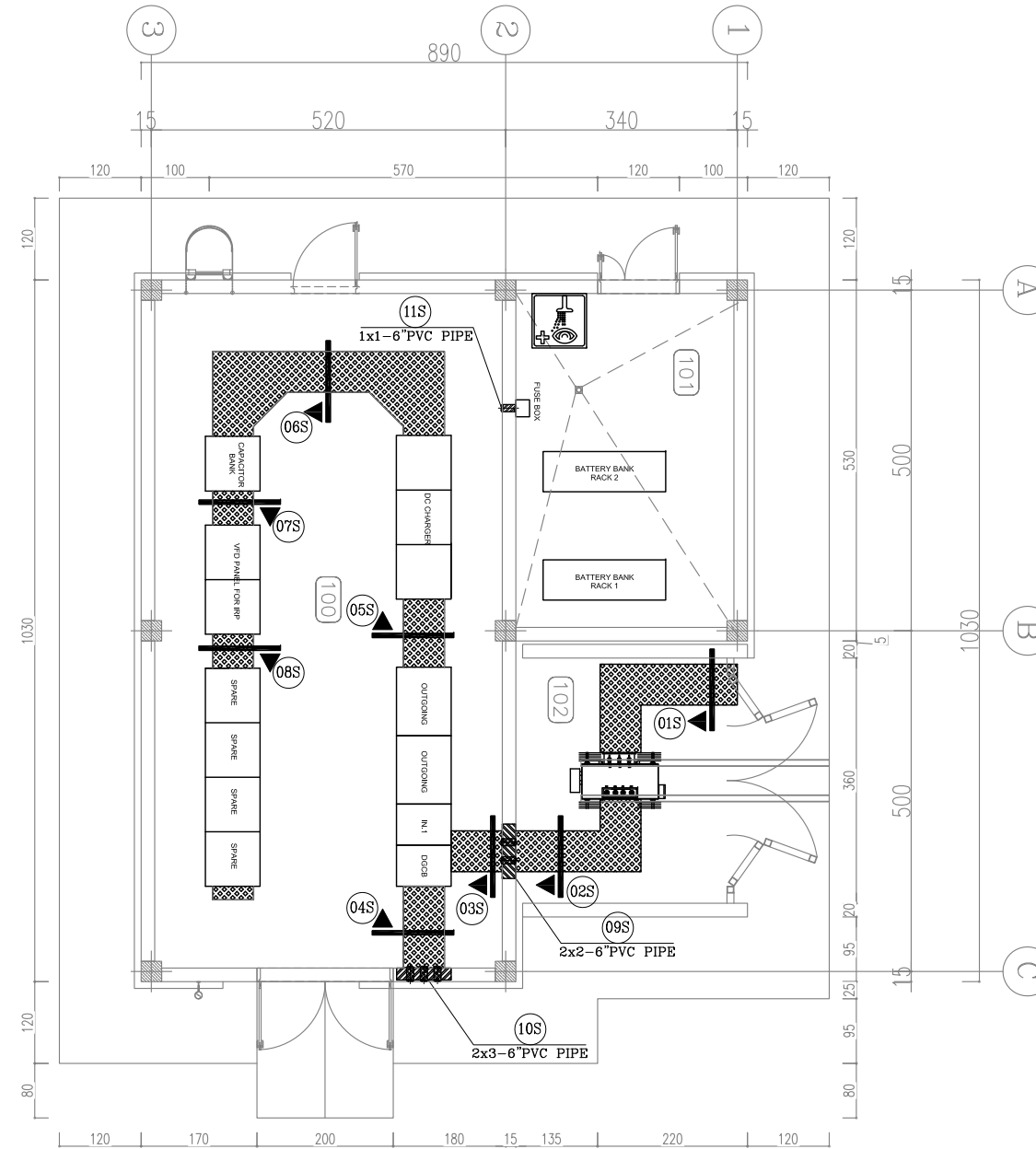
REV.	DATE	DESCRIPTION	BY	DATE	BY	DATE
DOO	MAY 2022	IPC	H.SHAJBA	M.FAKHARIAN	M.MEHRSHAD	** **
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME:		BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK05 WHF MODIFICATIONS				
PROJECT NO.:		971020				
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):			
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE:			ELECTRICAL CABLE ROUTE & SECTION LAYOUT FOR SWITCHGEAR BUILDING OF WELL PADS			
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION
AS SHOWN	A3	BK-SSGRL-PEDCO-110-EL-PY-0007	01 OF 03	D00	053-073-0184	F
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED			APPROVED FOR CONSTRUCTION			
DATE			BY:		DATE:	
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.		
DATE	SCALE	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
				707415	01 OF 03	D00



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# SPACE TAG NUMBER

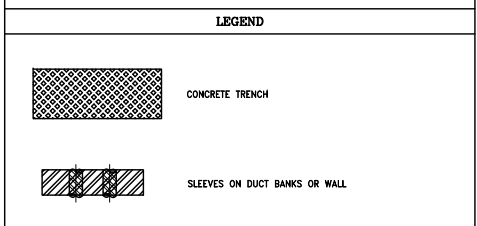
- 100 SWITCHGEAR ROOM
- 101 BATTERY ROOM
- 102 TRANSFORMER SHELTER



FLOOR PLAN OF WELL PAD SWITCHGEAR

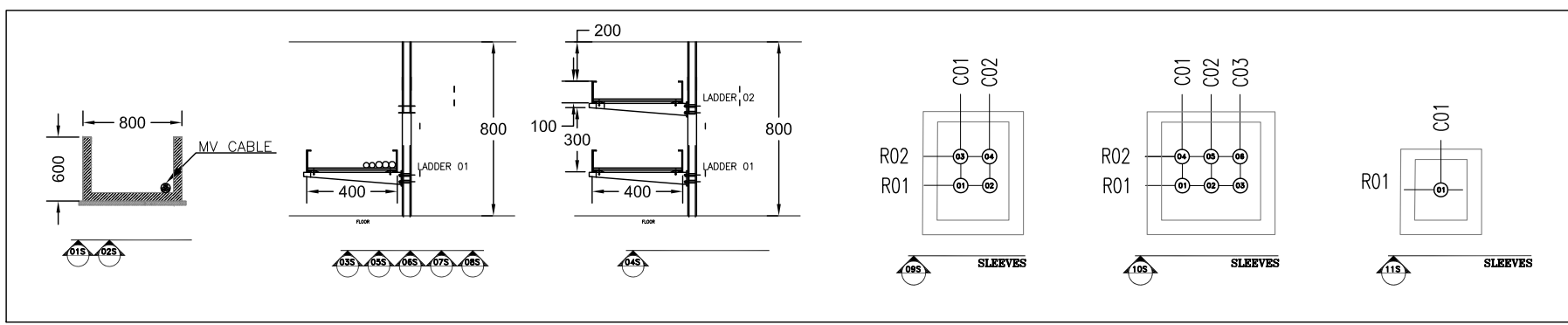
**NOTES**

- 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
- CABLE LADDER/TRAY SHALL BE SUPPORTED AT DISTANCES MAX. 1500mm. IN VERTICAL RUNS AND 2500mm IN HORIZONTAL RUNS.
- CABLES SHALL BE FIXED OR CLAMPED TO THE TRAYS/LADDERS. ON MULTIPLE CABLE RUNS CABLES SHALL BE NEATLY GROUPED AND WHERE BENDS ARE REQUIRED ADDITIONAL CLIPPING TO BE USED.

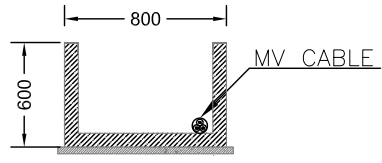


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ELECTRICAL POWER & CONTROL CABLE LIST OF WELL PADS	BK-SSGRL-PEDCO-110-EL-L1-0002
TYPICAL INSTALLATION DETAILS & NOTES FOR POWER SYSTEM	BK-GNRL-PEDCO-000-EL-DW-0004
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AREA ELECTRICAL CABLE ROUTE & SECTION LAYOUT OF WELL PADS	BK-SSGRL-PEDCO-110-EL-PY-0008

**KEY PLAN**

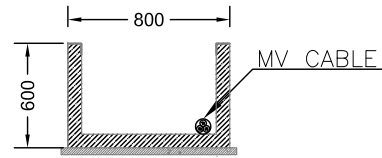


REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	DESCRIPTION	BY	DATE	BY	DATE
DOO	MAY 2022	IPC	H.SHAJBA	M.FAKHARIAN	M.MEHRSHAD	**					
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK05 WHF MODIFICATIONS							اصل و کاپیه نسخ این نقشه و حق افشاس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد. 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 NO.: 971020							BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES BK05 WHF MODIFICATIONS				
EPC CONTRACTOR: HIRGAN ENERGY			EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY				DATE: SCALE: DRAWING BY: CHECKED BY: PROJECT ENG.				
DRAWING TITLE: ELECTRICAL CABLE ROUTE & SECTION LAYOUT FOR SWITCHGEAR BUILDING OF WELL PADS							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
AS SHOWN	A3	BK-SSGRL-PEDCO-110-EL-PY-0007	02 OF 03	D00	053-073-0184	F	2	P	707415	02 OF 03	D00



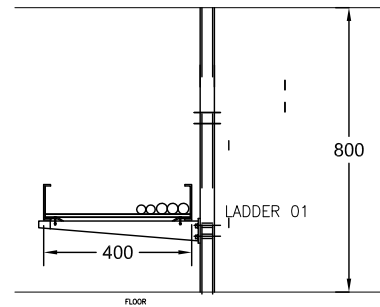
SECTION-01S

SECTION-01S		
#	Cable Tag	O.D(mm)
1	TR-001-MP-01	33.3



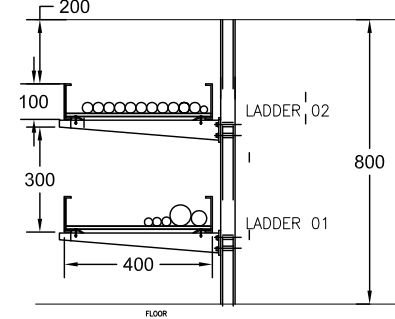
SECTION-02S

SECTION-02S		
#	Cable Tag	O.D(mm)
1	NSWG-001A-LP-A1	29
2	NSWG-001A-LP-B1	29
3	NSWG-001A-LP-C1	29
4	NSWG-001A-LP-N1	23.3
5	NSWG-001A-C-01	23.5



SECTION-03S

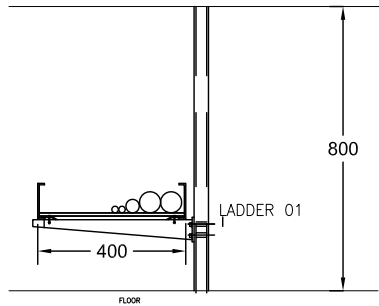
SECTION-03S		
#	Cable Tag	O.D(mm)
1	NSWG-001A-LP-A1	29
2	NSWG-001A-LP-B1	29
3	NSWG-001A-LP-C1	29
4	NSWG-001A-LP-N1	23.3
5	NSWG-001A-C-01	23.5



SECTION-04S

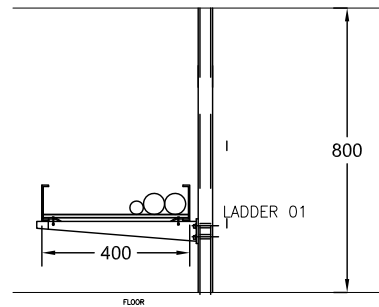
SECTION-04S(LADDER 01)		
#	Cable Tag	O.D(mm)
1	DG-C-01	23.5
2	IRP-LP-02	56.9
3	JB-LT-01-LP-01	22.1
4	JB-LP-03-LP-03	24.5
5	WS01-LP-01	41.6

SECTION-04S(LADDER 02)		
#	Cable Tag	O.D(mm)
1	DP02-LP-01	19.7
2	DG-LP-01-A1	29
3	DG-LP-01-B1	29
4	DG-LP-01-C1	29
5	DG-LP-01-A2	29
6	DG-LP-01-B2	29
7	DG-LP-01-C2	29
8	DG-LP-01-A3	29
9	DG-LP-01-B3	29
10	DG-LP-01-C3	29
11	DG-LP-01-N1	29
12	DG-LP-01-N2	29



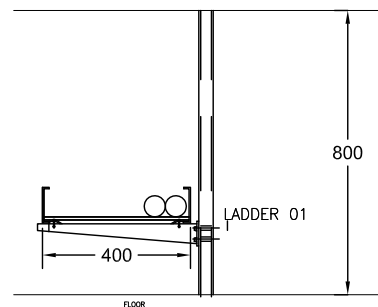
SECTION-05S

SECTION-05S		
#	Cable Tag	O.D(mm)
1	IRP-LP-01	56.9
2	IRP-LP-02	56.9
3	110-CHG-001-LP-01	17.7
4	110-CHG-002-LP-01	17.7
5	CB-LP-01	36.3



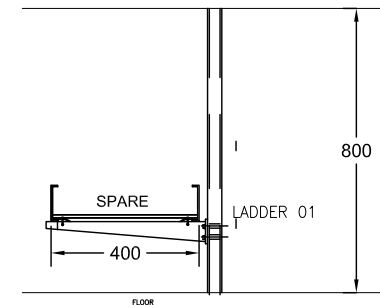
SECTION-06S

SECTION-06S		
#	Cable Tag	O.D(mm)
1	IRP-LP-01	56.9
2	IRP-LP-02	56.9
3	CB-LP-01	36.3



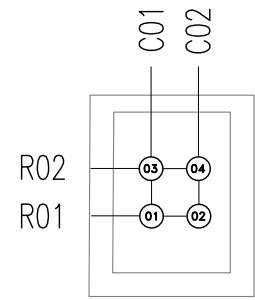
SECTION-07S

SECTION-07S		
#	Cable Tag	O.D(mm)
1	IRP-LP-01	56.9
2	IRP-LP-02	56.9



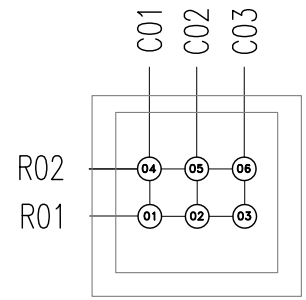
SECTION-08S

SECTION-08S		
#	Cable Tag	O.D(mm)
1	SPARE	-



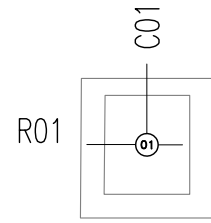
SECTION-09S SLEEVES

SECTION-09S		
#	Cable Tag	O.D(mm)
1	NSWG-001A-LP-A1	29
2	NSWG-001A-LP-B1	29
3	NSWG-001A-LP-C1	29
4	NSWG-001A-LP-N1	23.3
5	NSWG-001A-C-01	23.5



SECTION-10S SLEEVES

SECTION-10S		
#	Cable Tag	O.D(mm)
1	DP02-LP-01	19.7
2	DG-LP-01-A1	29
3	DG-LP-01-B1	29
4	DG-LP-01-C1	29
5	DG-LP-01-A2	29
6	DG-LP-01-B2	29
7	DG-LP-01-C2	29
8	DG-LP-01-A3	29
9	DG-LP-01-B3	29
10	DG-LP-01-C3	29
11	DG-LP-01-N1	29
12	DG-LP-01-N2	29
13	DG-C-01	23.5
14	IRP-LP-02	56.9
15	JB-LT-01-LP-01	22.1
16	JB-LP-03-LP-03	24.5
17	WS01-LP-01	41.6



SECTION-11S SLEEVES

SECTION-10S		
#	Cable Tag	O.D(mm)
1	FB 1-LP-01	16.8
2	FB 1-LP-02	16.8

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**LEGEND**

CONCRETE TRENCH

SLEEVES ON DUCT BANKS OR WALL

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**KEY PLAN**

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AS SHOWN	A3	BK-SSGRL-PEDCO-110-EL-PY-0007	03 OF 03	D00	053-073-0184	F
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
APPROVED FOR CONSTRUCTION			BY:		DATE:	
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.		
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.		
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