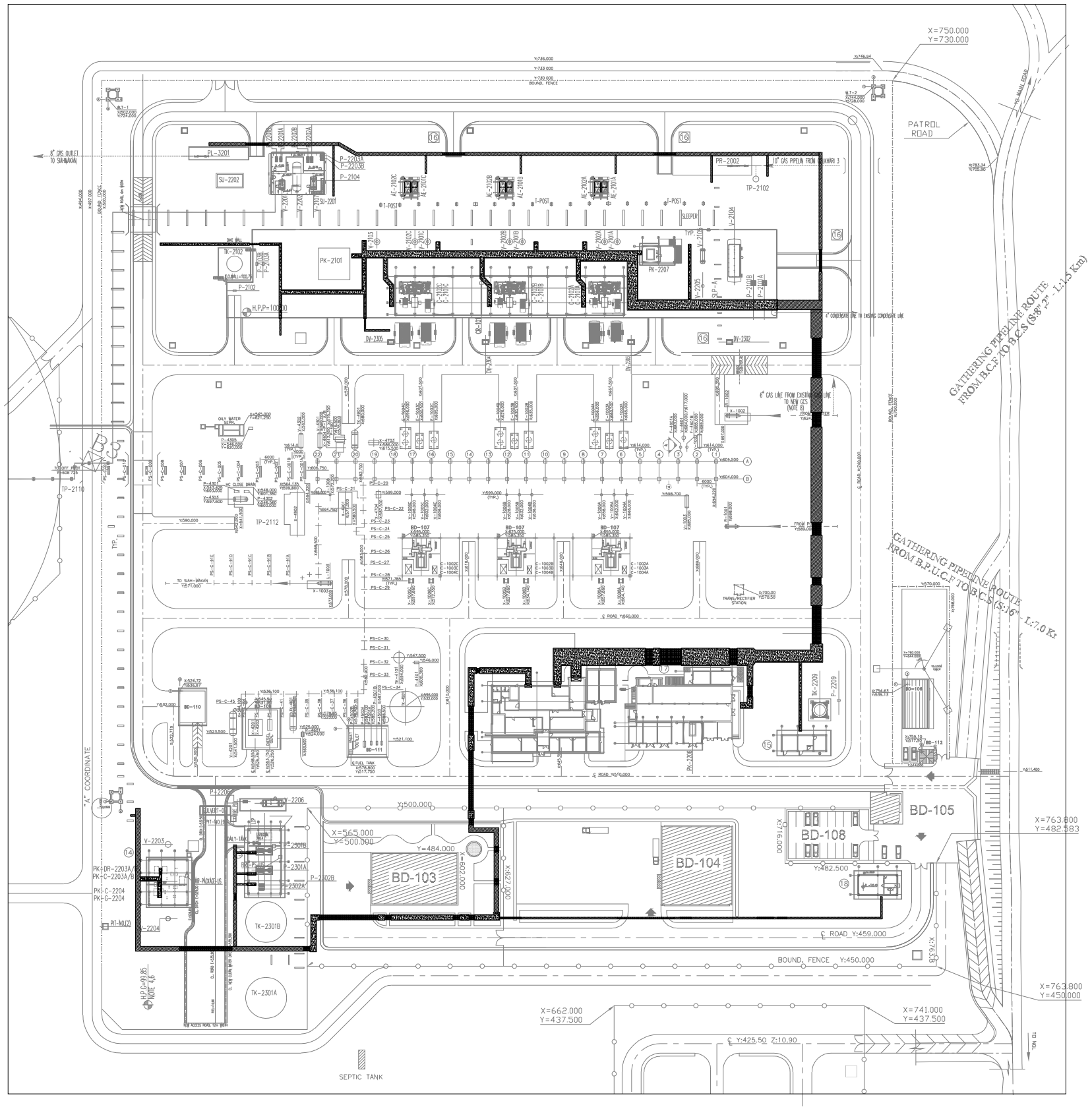
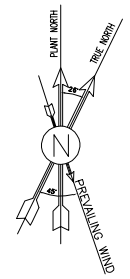
D03
TOTALLY REVISED





NOTES

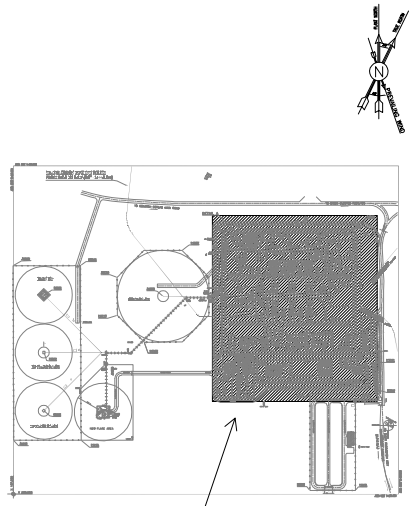
NOTE 1 :All dimensions are in millimeter.

LEGEND

- UNDERGROUND CABLES IN ROAD CROSSING (DUCT BANK)
- INSTRUMENT CONCRETE TRENCH
- INSTRUMENT BURIED CABLE TRENCH
- CABLE ENTRANCE IN BUILDING
- SLEEVE- 6" PVC PIPE

REFERENCE DRAWING	DRG. No.
BK-GCS-PEDCO-120-PI-PY-0001	UNIT PLOT PLAN DRAWING
BK-GCS-PEDCO-120-IN-DG-0008	INSTRUMENT & F&G JUNCTION BOX TERMINATION DIAGRAM
BK-GCS-PEDCO-120-IN-PY-0003	INSTRUMENT LOCATION LAYOUT

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D03	MAR.2025	AFC	P.Hajimdeghi	M.PAKHARIAN	S.FARAMARZPOUR	**.**
D02	AUG.2023	AFC	P.Hajimdeghi	M.PAKHARIAN	A.M.MOHSENI	**.**
D01	JULY.2022	IFA	P.Hajimdeghi	M.PAKHARIAN	M.MEHRSHAD	**.**
D00	JAN.2022	IFC	P.Hajimdeghi	M.PAKHARIAN	M.MEHRSHAD	**.**

REV.	DESCRIPTION	BY	DATE	BY	DATE
***	**********	**.**	***.****	**.**	***.****
		CHECKED		REV. APPR.	

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.

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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

(VENDOR TITLE BLOCK)**

DRAWING TITLE: INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

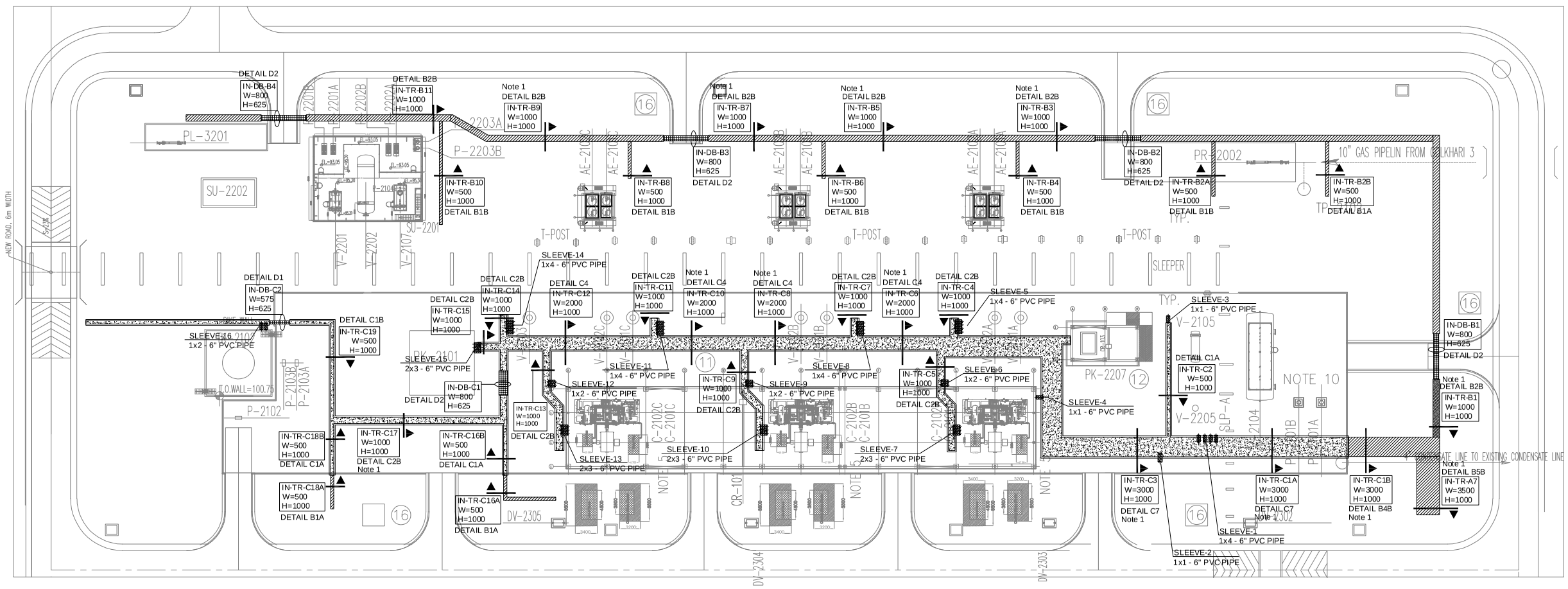
APPROVED FOR CONSTRUCTION BY: DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
1:1	A3	BK-GCS-PEDCO-120-IN-PY-0004	OF 24	D03

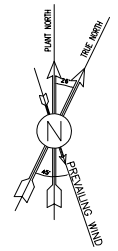
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION

D03

TOTALLY REVISED



INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING-AREA 1



NOTES

NOTE 1 :The third row of Trench is considered as Spare space and telecom cables .

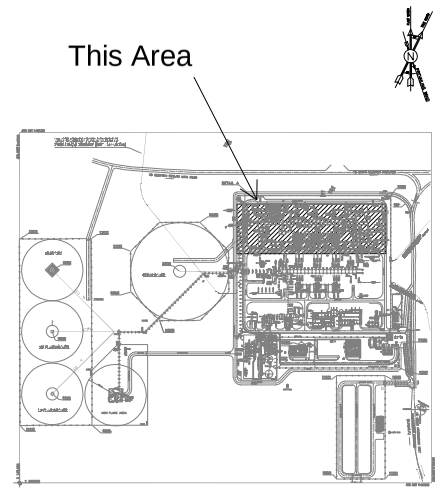
NOTE 2 :All dimensions are in millimeter.

LEGEND

- UNDERGROUND CABLES IN ROAD CROSSING (DUCT BANK)
- INSTRUMENT CONCRETE TRENCH
- INSTRUMENT BURIED CABLE TRENCH
- CABLE ENTRANCE IN BUILDING
- SLEEVE- 6" PVC PIPE

REFERENCE DRAWING	DRG. No.
BK-GCS-PEDCO-120-PI-PY-0001	UNIT PLOT PLAN DRAWING
BK-GCS-PEDCO-120-IN-DG-0008	INSTRUMENT & F&G JUNCTION BOX TERMINATION DIAGRAM
BK-GCS-PEDCO-120-IN-PY-0003	INSTRUMENT LOCATION LAYOUT

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D03	MAR.2025	AFC	P.Hajizadeghi	M.PAKHARIAN	S.FARAMARZPOUR	**.**
D02	AUG.2023	AFC	P.Hajizadeghi	M.PAKHARIAN	A.M.MOHSENI	**.**
D01	JULY.2022	IFA	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**
D00	JAN.2022	IFC	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**

REV.	DESCRIPTION	BY	DATE	BY	DATE
***	**********	**.**	***.****	**.**	***.****

CHECKED	REV. APPR.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY — PEDCO

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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

(VENDOR TITLE BLOCK)**

DRAWING TITLE: INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

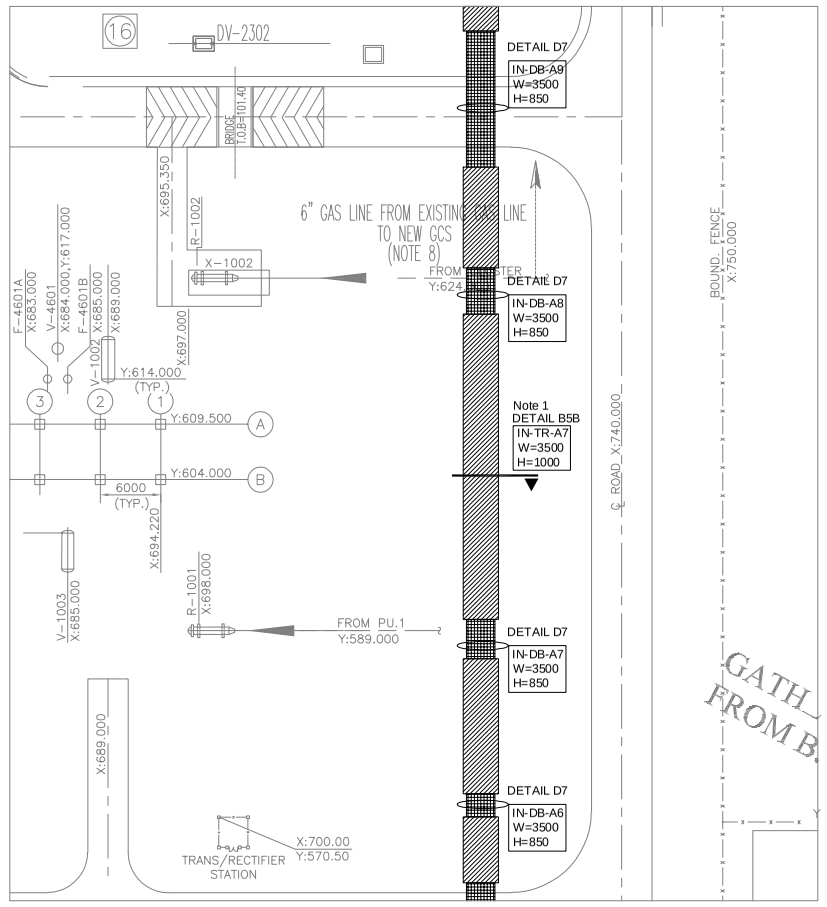
APPROVED FOR CONSTRUCTION BY: DATE:

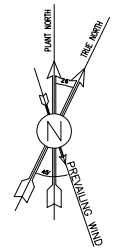
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
-	A3	BK-GCS-PEDCO-120-IN-PY-0004	2 OF 24	D03

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION

D03

TOTALLY REVISED





NOTES

NOTE 1 :The third row of Trench is considered as Spare space and telecom cables .

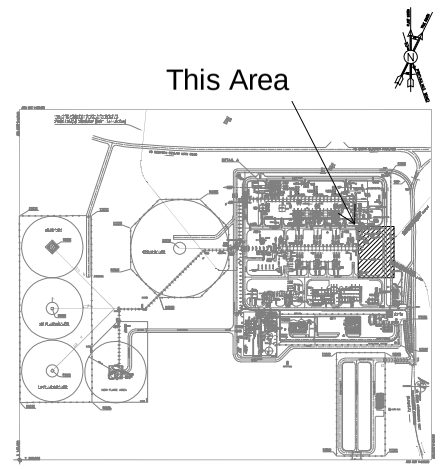
NOTE 2 :All dimensions are in millimeter.

LEGEND

- UNDERGROUND CABLES IN ROAD CROSSING (DUCT BANK)
- INSTRUMENT CONCRETE TRENCH
- INSTRUMENT BURIED CABLE TRENCH
- CABLE ENTRANCE IN BUILDING
- SLEEVE- 6" PVC PIPE

REFERENCE DRAWING	DRG. No.
BK-GCS-PEDCO-120-PI-PY-0001	UNIT PLOT PLAN DRAWING
BK-GCS-PEDCO-120-IN-DG-0008	INSTRUMENT & F&G JUNCTION BOX TERMINATION DIAGRAM
BK-GCS-PEDCO-120-IN-PY-0003	INSTRUMENT LOCATION LAYOUT

KEY PLAN



INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING-AREA 2

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D03	MAR.2025	AFC	P.Hajisadeghi	M.PAKHARIAN	S.PARAMARZPOUR	**.**
D02	AUG.2023	AFC	P.Hajisadeghi	M.PAKHARIAN	A.M.MOHSENI	**.**
D01	JULY.2022	IFA	P.Hajisadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**
D00	JAN.2022	IFC	P.Hajisadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**

REV.	DESCRIPTION	BY	DATE	BY	DATE
***	**********	**.**	***.****	**.**	***.****
		CHECKED		REV. APPR.	

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

(VENDOR TITLE BLOCK)**

DRAWING TITLE: INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING

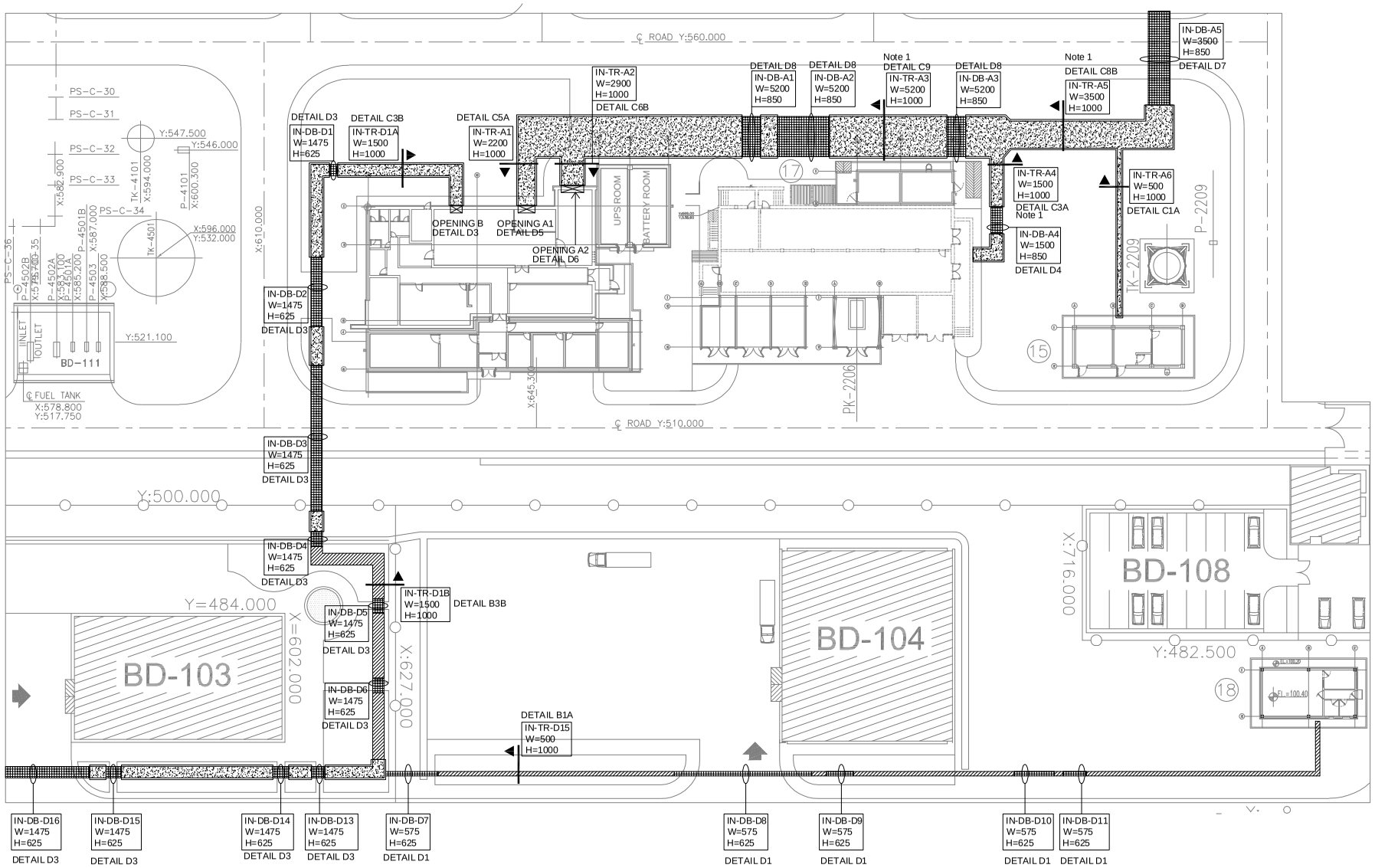
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

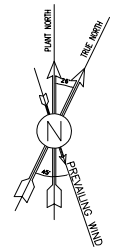
APPROVED FOR CONSTRUCTION BY: DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
-	A3	BK-GCS-PEDCO-120-IN-PY-0004	3 OF 24	D03							

D03

TOTALLY REVISED





NOTES

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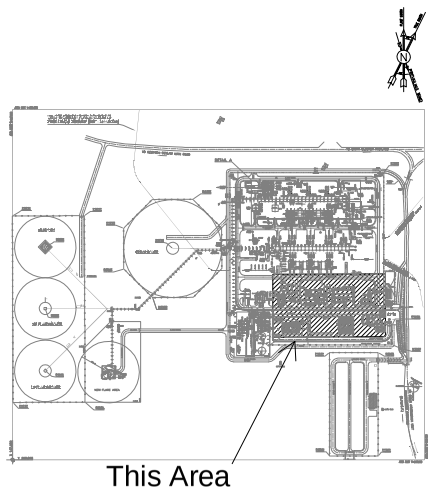
LEGEND

- UNDERGROUND CABLES IN ROAD CROSSING (DUCT BANK)
- INSTRUMENT CONCRETE TRENCH
- INSTRUMENT BURIED CABLE TRENCH
- CABLE ENTRANCE IN BUILDING
- SLEEVE- 6" PVC PIPE

REFERENCE DRAWING	DRG. No.
BK-GCS-PEDCO-120-PI-PY-0001	UNIT PLOT PLAN DRAWING
BK-GCS-PEDCO-120-IN-DG-0008	INSTRUMENT & F&G JUNCTION BOX TERMINATION DIAGRAM
BK-GCS-PEDCO-120-IN-PY-0003	INSTRUMENT LOCATION LAYOUT

KEY PLAN



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INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING-AREA 3

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D03	MAR.2025	AFC	P.Hajizadeghi	M.PAKHIARIAN	S.PARAMARZPOUR	**.**
D02	AUG.2023	AFC	P.Hajizadeghi	M.PAKHIARIAN	A.M.MOHSENI	**.**
D01	JULY.2022	IFA	P.Hajizadeghi	M.PAKHIARIAN	M.MEHRSHAD	**.**
D00	JAN.2022	IFC	P.Hajizadeghi	M.PAKHIARIAN	M.MEHRSHAD	**.**

REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

(VENDOR TITLE BLOCK)**

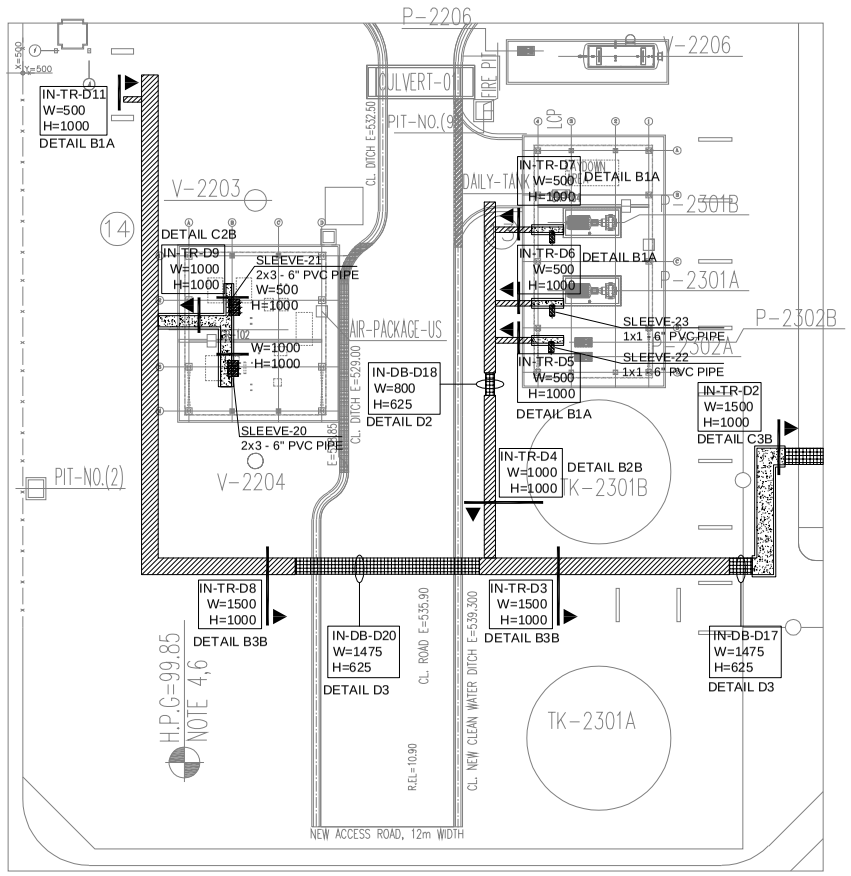
DRAWING TITLE: INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING

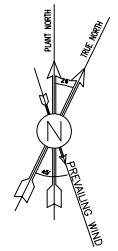
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
-	A3	BK-GCS-PEDCO-120-IN-PY-0004	4 OF 24	D03

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION

D03

TOTALLY REVISED





NOTES

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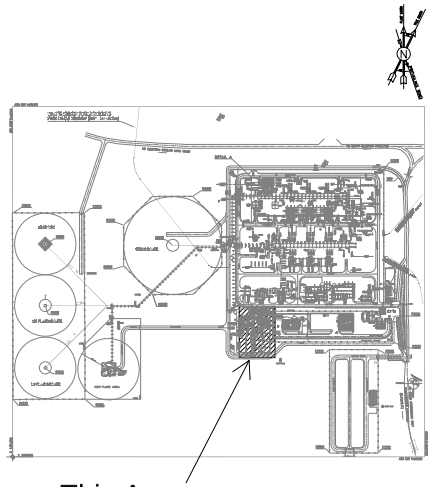
LEGEND

- UNDERGROUND CABLES IN ROAD CROSSING (DUCT BANK)
- INSTRUMENT CONCRETE TRENCH
- INSTRUMENT BURIED CABLE TRENCH
- CABLE ENTRANCE IN BUILDING
- SLEEVE- 6" PVC PIPE

REFERENCE DRAWING	DRG. No.
BK-GCS-PEDCO-120-PI-PY-0001	UNIT PLOT PLAN DRAWING
BK-GCS-PEDCO-120-IN-DG-0008	INSTRUMENT & F&G JUNCTION BOX TERMINATION DIAGRAM
BK-GCS-PEDCO-120-IN-PY-0003	INSTRUMENT LOCATION LAYOUT

KEY PLAN



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INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING-AREA 4

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D03	MAR.2025	AFC	P.Hajizadeghi	M.PAKHARIAN	S.PARAMARZPOUR	**.**
D02	AUG.2023	AFC	P.Hajizadeghi	M.PAKHARIAN	A.M.MOHSENI	**.**
D01	JULY.2022	IFA	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**
D00	JAN.2022	IFC	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**

REV.	DESCRIPTION	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE
***	**********	**.**	***.****	**.**	***.****

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

(VENDOR TITLE BLOCK)**

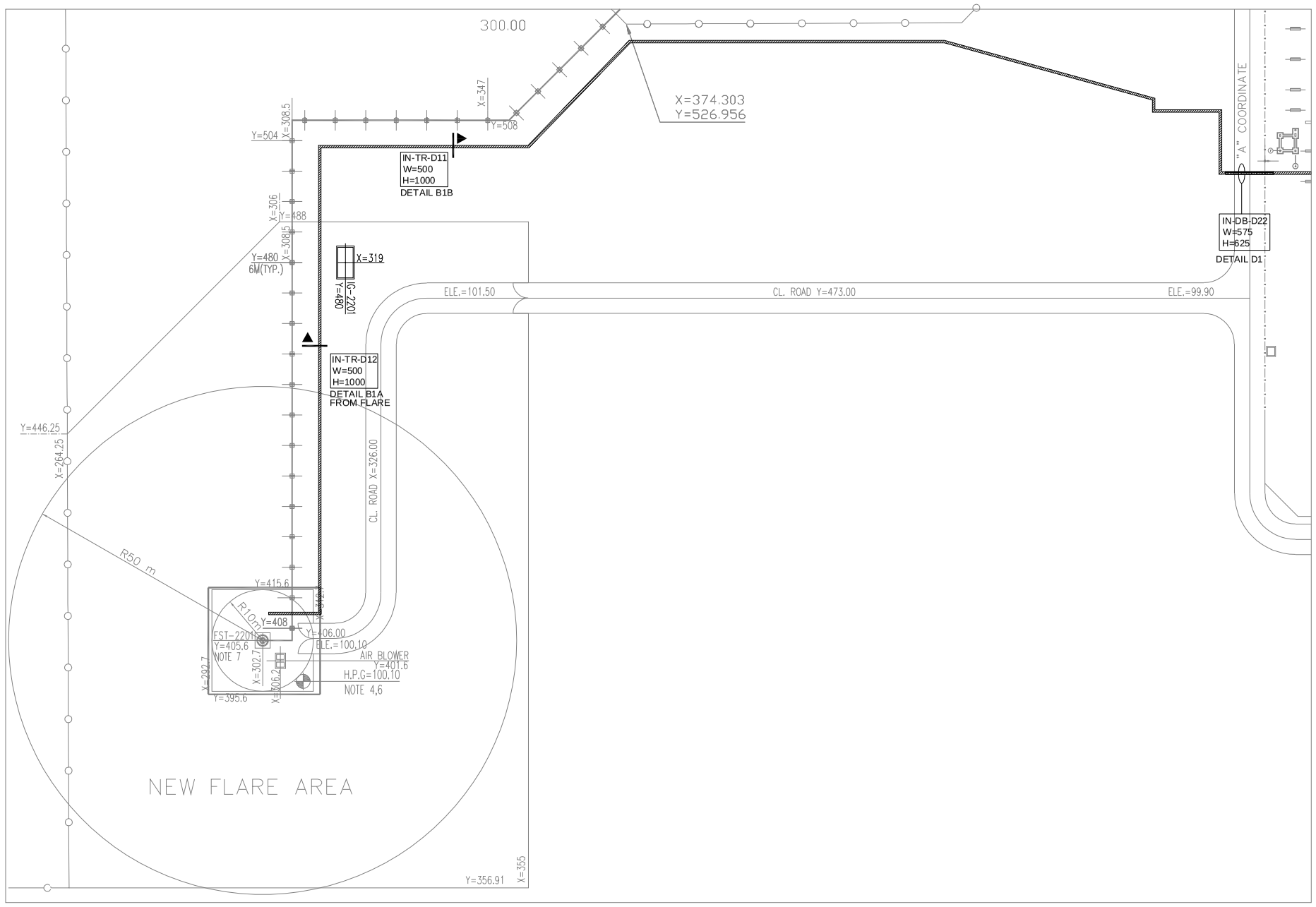
DRAWING TITLE: INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING

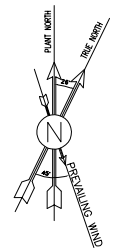
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
-	A3	BK-GCS-PEDCO-120-IN-PY-0004	5 OF 24	D03

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION

D03

TOTALLY REVISED





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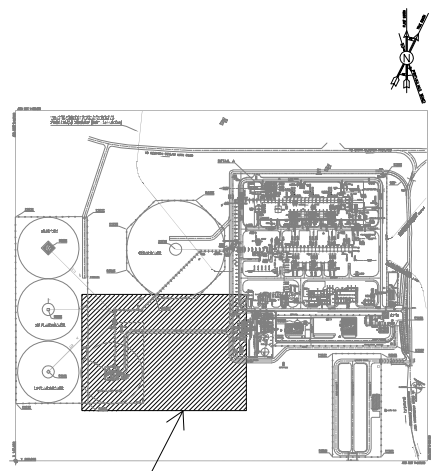
LEGEND

- UNDERGROUND CABLES IN ROAD CROSSING (DUCT BANK)
- INSTRUMENT CONCRETE TRENCH
- INSTRUMENT BURIED CABLE TRENCH
- CABLE ENTRANCE IN BUILDING
- SLEEVE- 6" PVC PIPE

REFERENCE DRAWING	DRG. No.
BK-GCS-PEDCO-120-PI-PY-0001	UNIT PLOT PLAN DRAWING
BK-GCS-PEDCO-120-IN-DG-0008	INSTRUMENT & F&G JUNCTION BOX TERMINATION DIAGRAM
BK-GCS-PEDCO-120-IN-PY-0003	INSTRUMENT LOCATION LAYOUT

KEY PLAN



This Area

INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING-AREA 5

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D03	MAR.2025	AFC	P.Hajizadeghi	M.PAKHARIAN	S.PARAMARZPOUR	**.**
D02	AUG.2023	AFC	P.Hajizadeghi	M.PAKHARIAN	A.M.MOHSENI	**.**
D01	JULY.2022	IFA	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**
D00	JAN.2022	IFC	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**

REV.	DESCRIPTION	BY	DATE	BY	DATE
***	**********	**.**	***.****	**.**	***.****

CHECKED — REV. APPR.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PEDCO — PETROIRAN DEVELOPMENT COMPANY

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SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

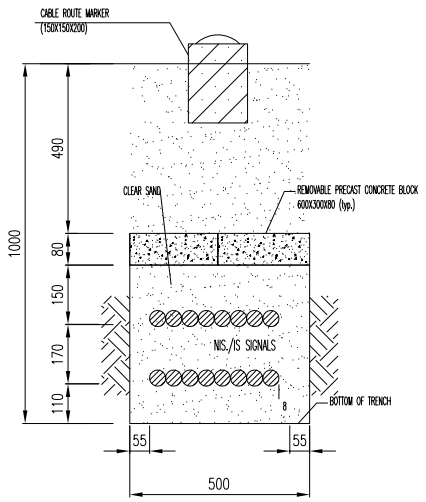
APPROVED FOR CONSTRUCTION — BY: — DATE:

(VENDOR TITLE BLOCK)**

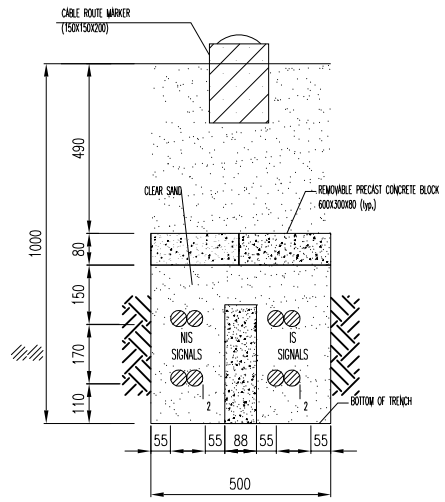
DRAWING TITLE: INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
1:1	A3	BK-GCS-PEDCO-120-IN-PY-0004	6 OF 24	D03

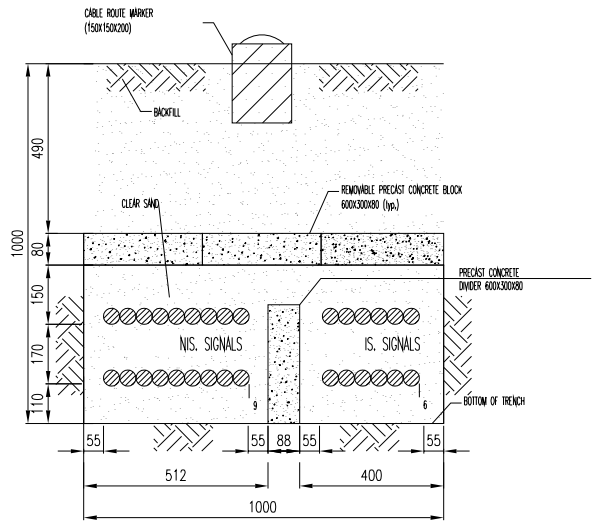
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION



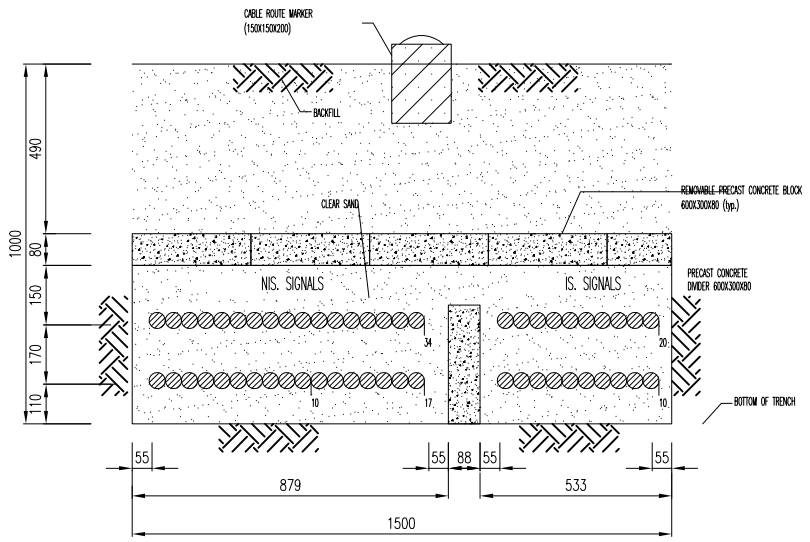
BURIED CABLE TRENCH
DETAIL B1A



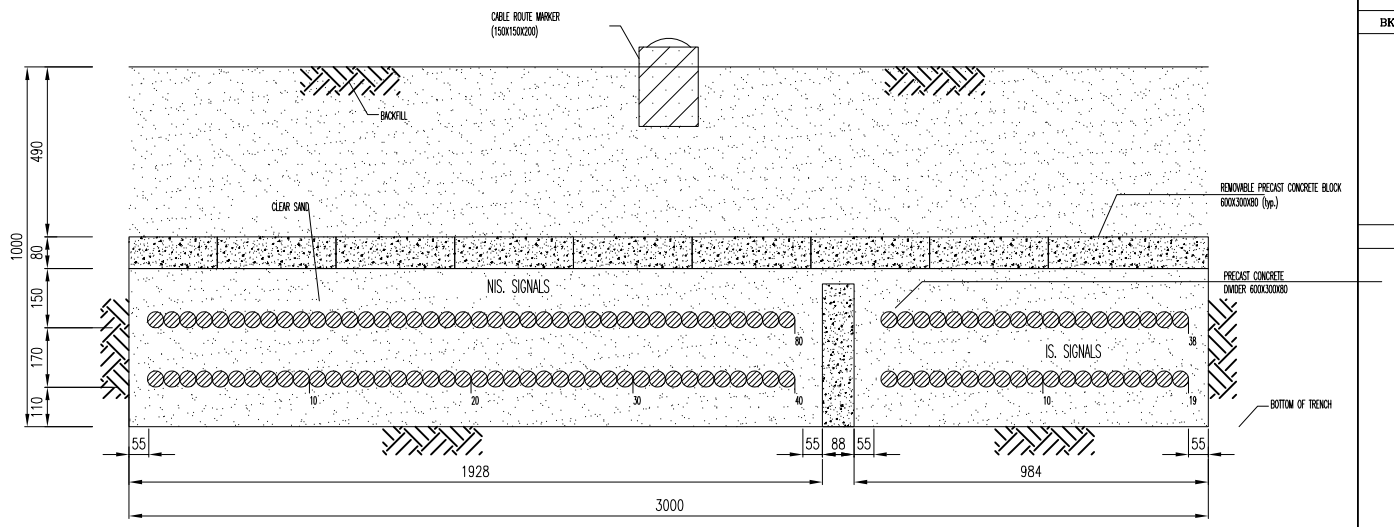
BURIED CABLE TRENCH
DETAIL B1B



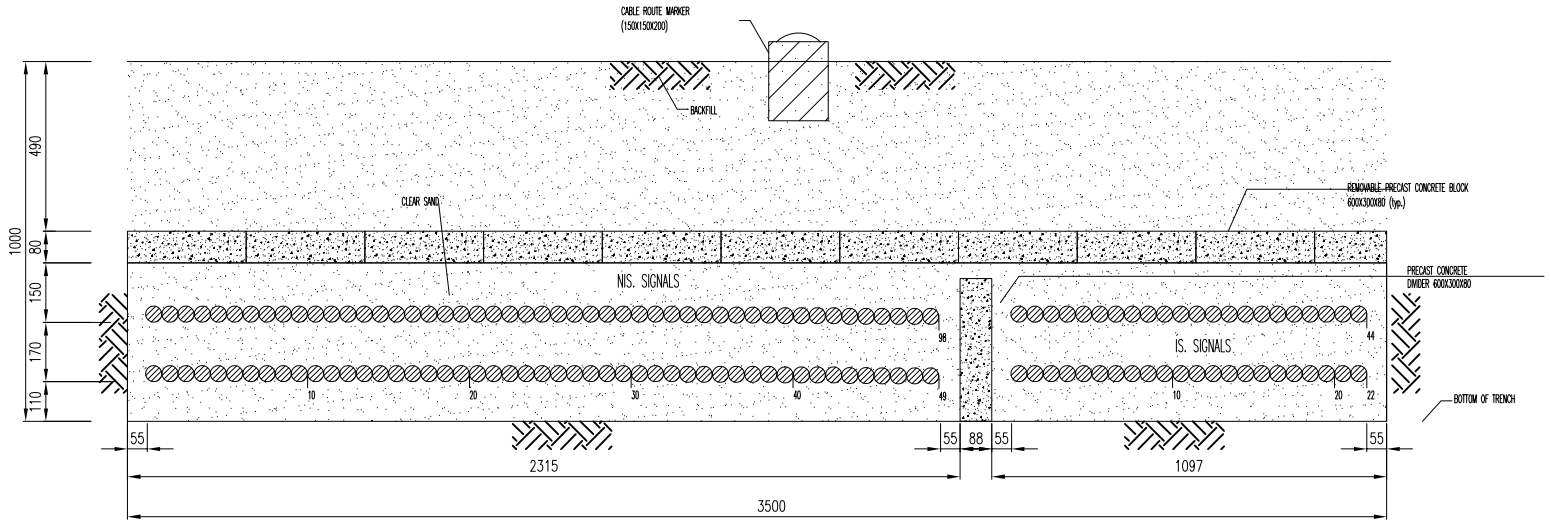
BURIED CABLE TRENCH
DETAIL B2B



BURIED CABLE TRENCH
DETAIL B3B



BURIED CABLE TRENCH
DETAIL B4B



BURIED CABLE TRENCH
DETAIL B5B

D03
TOTALLY REVISED

NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
BK-GCS-PEDCO-120-PI-PY-0001	UNIT PLOT PLAN DRAWING
BK-GCS-PEDCO-120-IN-DG-0008	INSTRUMENT & F&G JUNCTION BOX TERMINATION DIAGRAM
BK-GCS-PEDCO-120-IN-PY-0003	INSTRUMENT LOCATION LAYOUT

KEY PLAN

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D03	MAR.2025	APC	P.Hajizadeghi	M.PAKHIARIAN	S.PARAMARZPOUR	**.**
D02	AUG.2023	APC	P.Hajizadeghi	M.PAKHIARIAN	A.M.MOHSENI	**.**
D01	JULY.2022	IFA	P.Hajizadeghi	M.PAKHIARIAN	M.MEHRSHAD	**.**
D00	JAN.2022	IFC	P.Hajizadeghi	M.PAKHIARIAN	M.MEHRSHAD	**.**

REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PEDCO — PETROIRAN DEVELOPMENT COMPANY

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.

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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

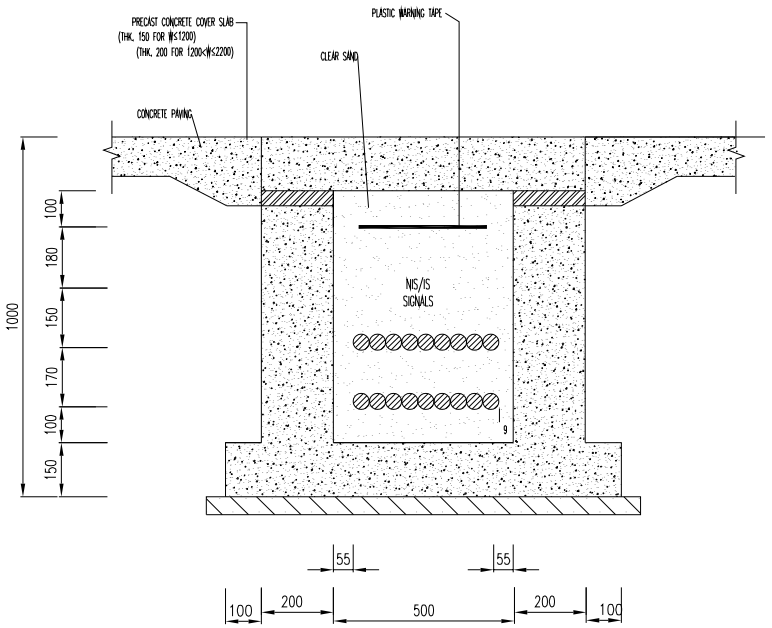
APPROVED FOR CONSTRUCTION | BY: | DATE:

(VENDOR TITLE BLOCK)**

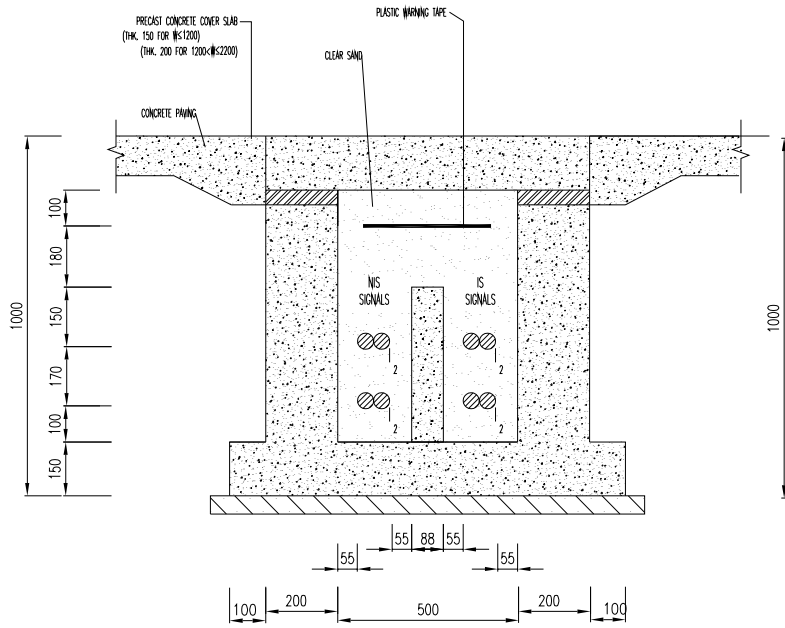
DRAWING TITLE: INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
	A3	BK-GCS-PEDCO-120-IN-PY-0004	7 OF 24	D03

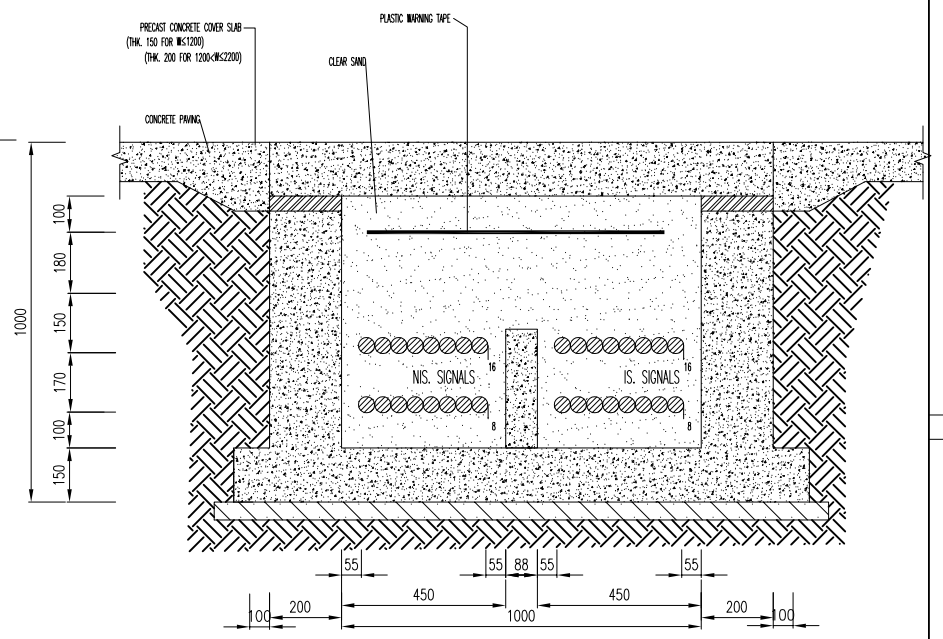
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION



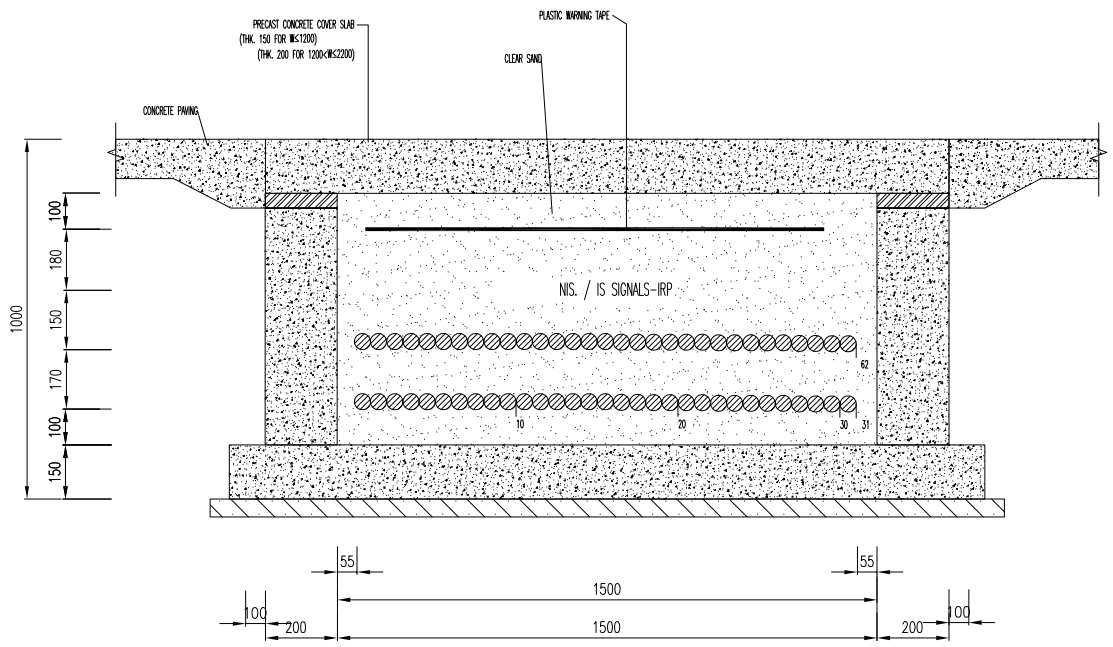
CONCRETE TRENCH
DETAIL C1A



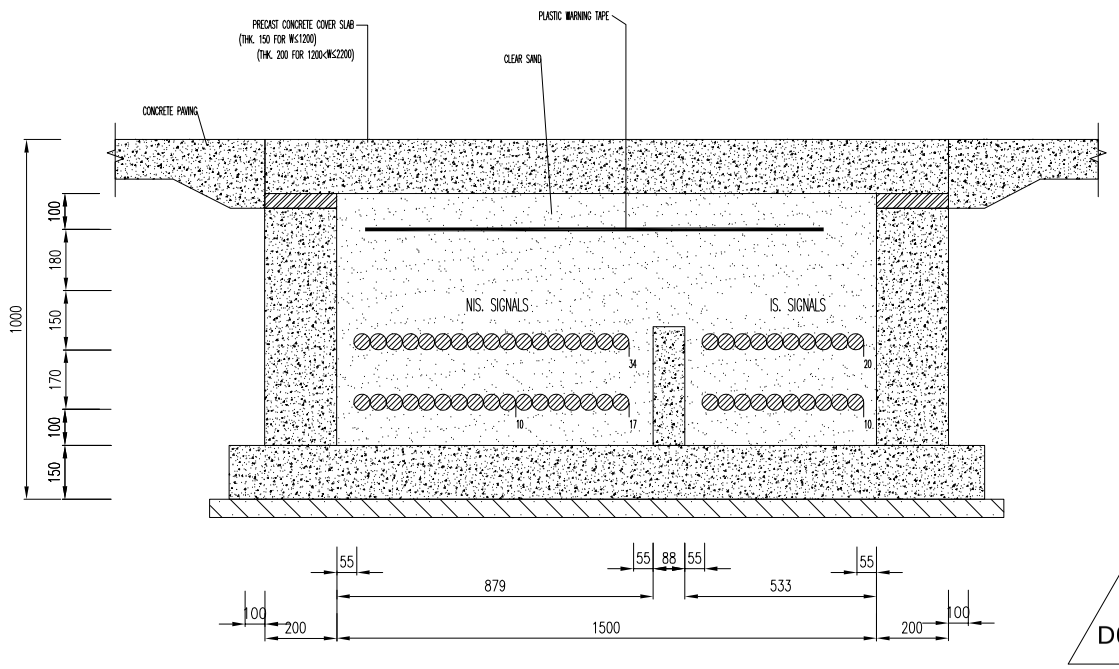
CONCRETE TRENCH
DETAIL C1B



CONCRETE TRENCH
DETAIL C2B



CONCRETE TRENCH
DETAIL C3A



CONCRETE TRENCH
DETAIL C3B

D03
TOTALLY REVISED

NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
BK-GCS-PEDCO-120-PI-PY-0001	UNIT PLOT PLAN DRAWING
BK-GCS-PEDCO-120-IN-DG-0008	INSTRUMENT & F&G JUNCTION BOX TERMINATION DIAGRAM
BK-GCS-PEDCO-120-IN-PY-0003	INSTRUMENT LOCATION LAYOUT

KEY PLAN

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D03	MAR.2025	AFC	P.Hajizadeghi	M.PAKHARIAN	S.PARAMARZPOUR	**.**
D02	AUG.2023	AFC	P.Hajizadeghi	M.PAKHARIAN	A.M.MOHSENI	**.**
D01	JULY.2022	IFA	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**
D00	JAN.2022	IFC	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**

REV.	DESCRIPTION	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE
***	**********	**.**	***.****	**.**	***.****

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

(VENDOR TITLE BLOCK)**

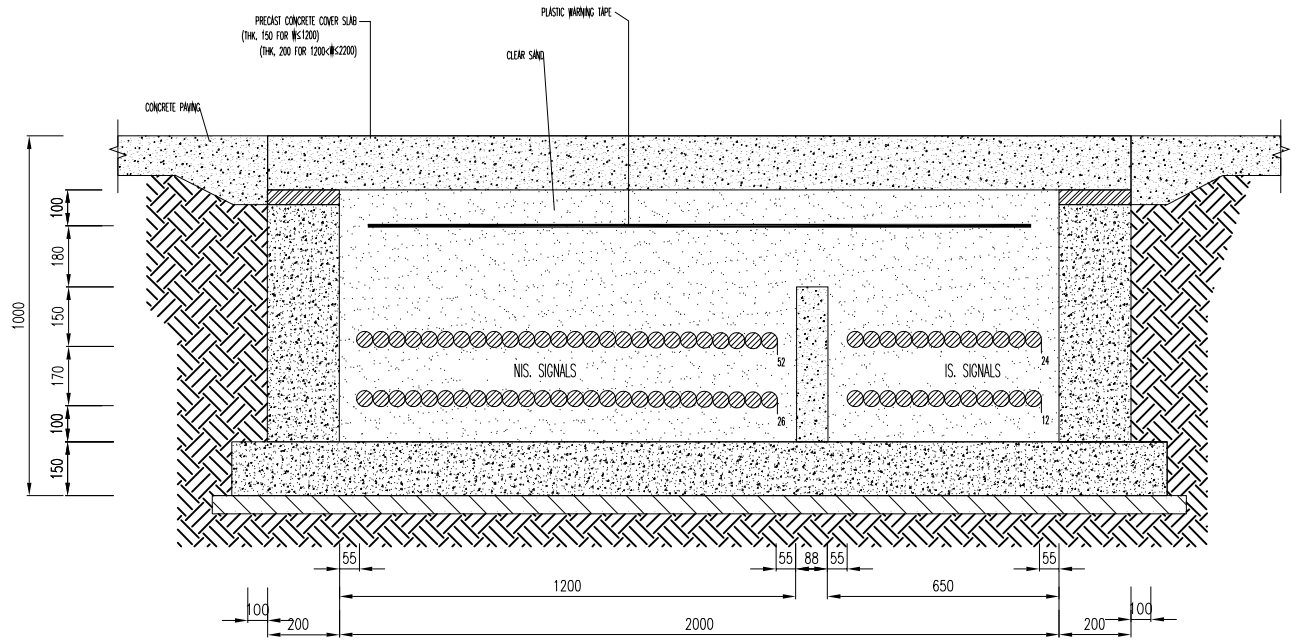
DRAWING TITLE: INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
	A3	BK-GCS-PEDCO-120-IN-PY-0004	8 OF 24	D03

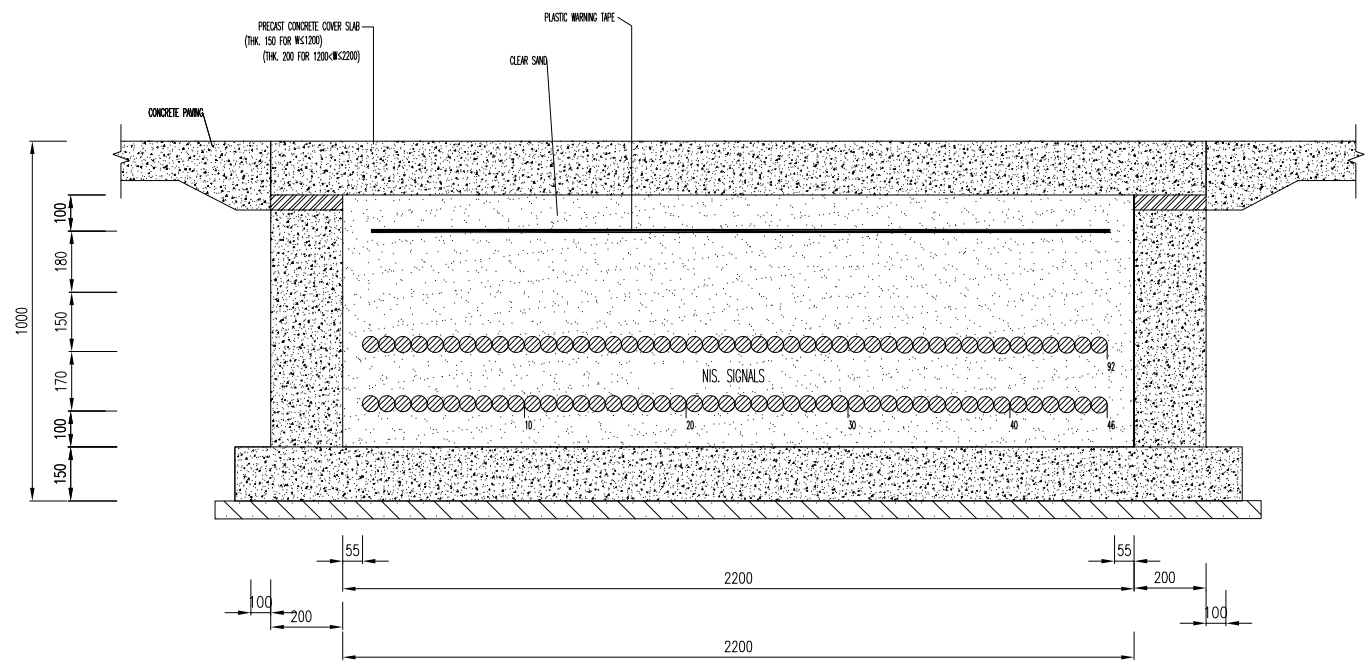
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION



CONCRETE TRENCH
DETAIL C4



CONCRETE TRENCH
DETAIL C5A

D03
TOTALLY REVISED

NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
BK-GCS-PEDCO-120-PI-PY-0001	UNIT PLOT PLAN DRAWING
BK-GCS-PEDCO-120-IN-DG-0008	INSTRUMENT & F&G JUNCTION BOX TERMINATION DIAGRAM
BK-GCS-PEDCO-120-IN-PY-0003	INSTRUMENT LOCATION LAYOUT

KEY PLAN

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D03	MAR.2025	APC	P.Hajizadeghi	M.PAKHARIAN	S.PARAMARZEPOUR	**.**
D02	AUG.2023	APC	P.Hajizadeghi	M.PAKHARIAN	A.M.MOHSENI	**.**
D01	JULY.2022	IFA	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**
D00	JAN.2022	IFC	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**

REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.

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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

(VENDOR TITLE BLOCK)**

DRAWING TITLE: INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
	A3	BK-GCS-PEDCO-120-IN-PY-0004	9 OF 24	D03

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION

D03	MAR.2025	APC	Phalguna@ph	M.PANDARAN	S.PARAMASIVAMPOOR	**.**	
D02	AUG.2023	APC	Phalguna@ph	M.PANDARAN	A.M.MOHSIN	**.**	
D01	JULY.2022	IFA	Phalguna@ph	M.PANDARAN	M.MEERSAHD	**.**	
D00	JAN.2022	IFC	Phalguna@ph	M.PANDARAN	M.MEERSAHD	**.**	
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES
GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY PEDCO

DRAWING TITLE: INSTRUMENT/P&G CABLE TRENCH/ROUTE LAYOUT DRAWING

(VENDOR TITLE BLOCK)**

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
	A3	BK-GCS-PEDCO-120-IN-PY-0004	10 OF 24	D03

TOTALLY REVISED

D03

REV.	DESCRIPTION	CHECKED		REV. APPR.	
		BY	DATE	BY	DATE
***	**********	**.**	***.****	**.**	***.****

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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

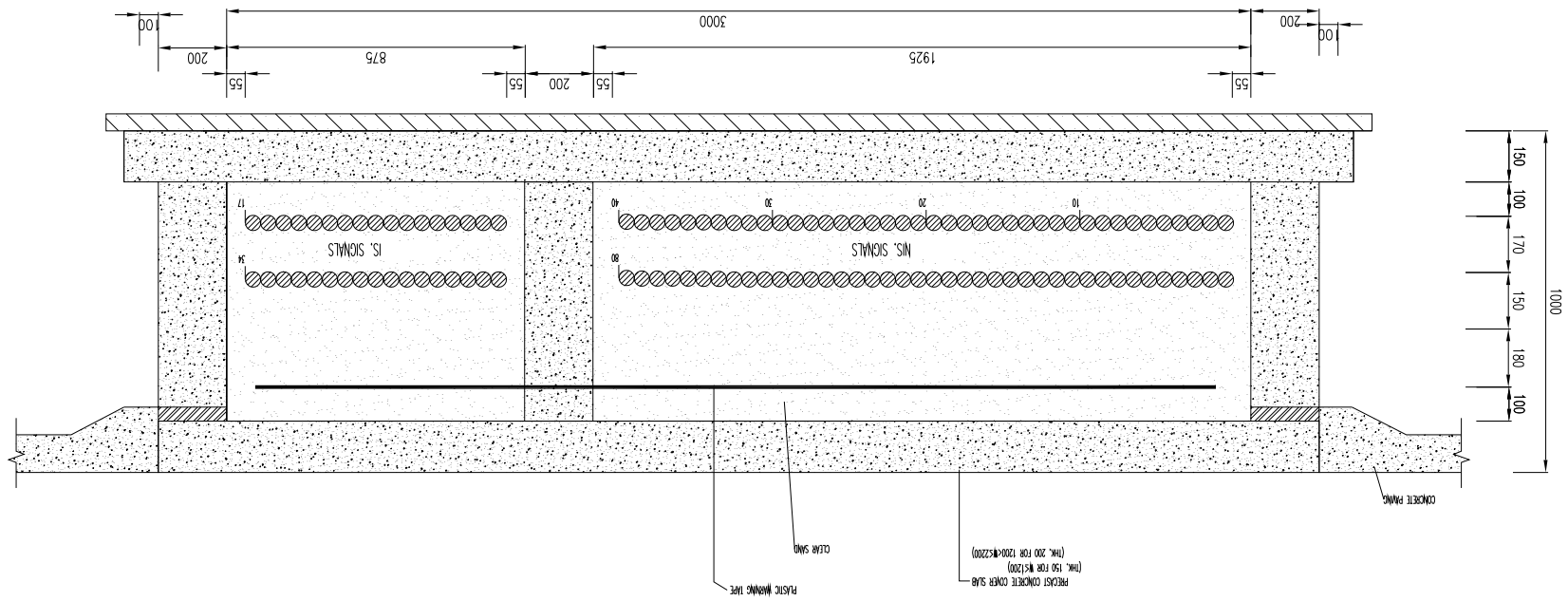
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

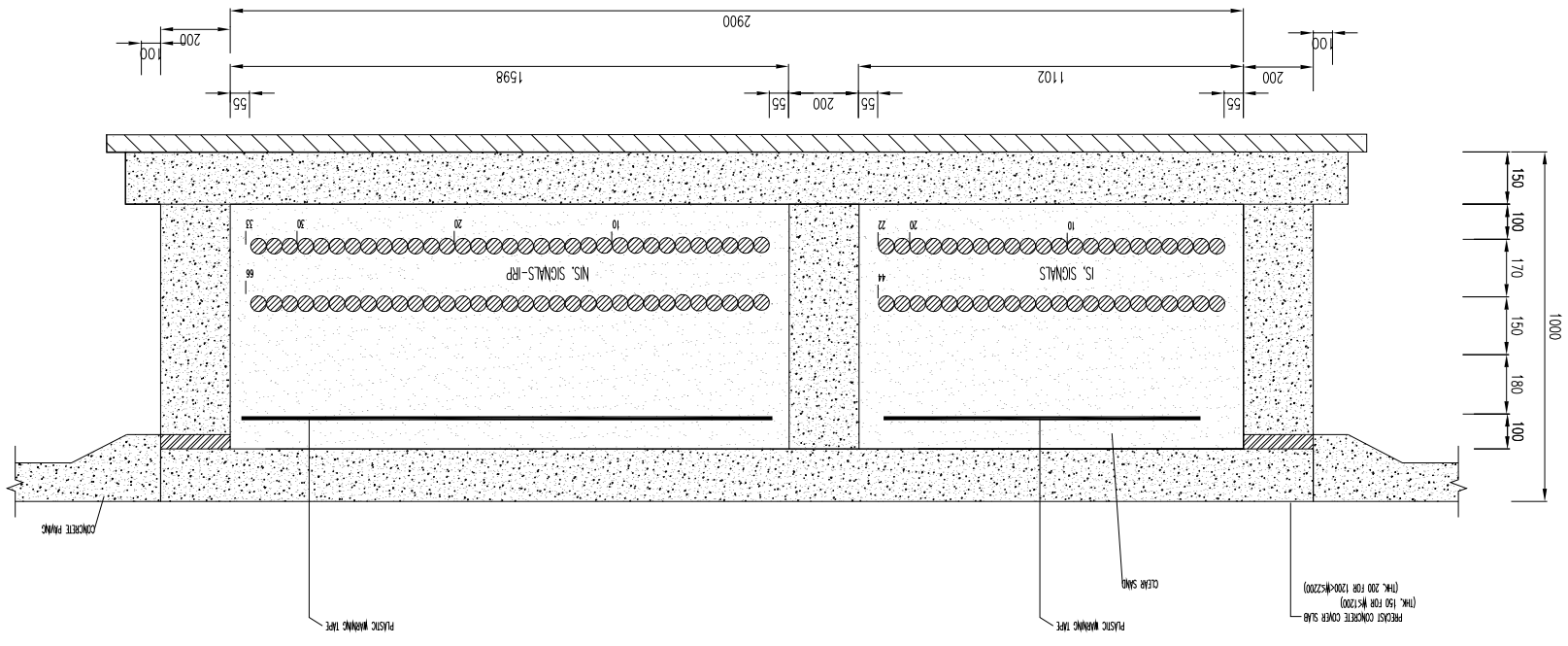
APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION

CONCRETE TRENCH
DETAIL C7



CONCRETE TRENCH
DETAIL C6B



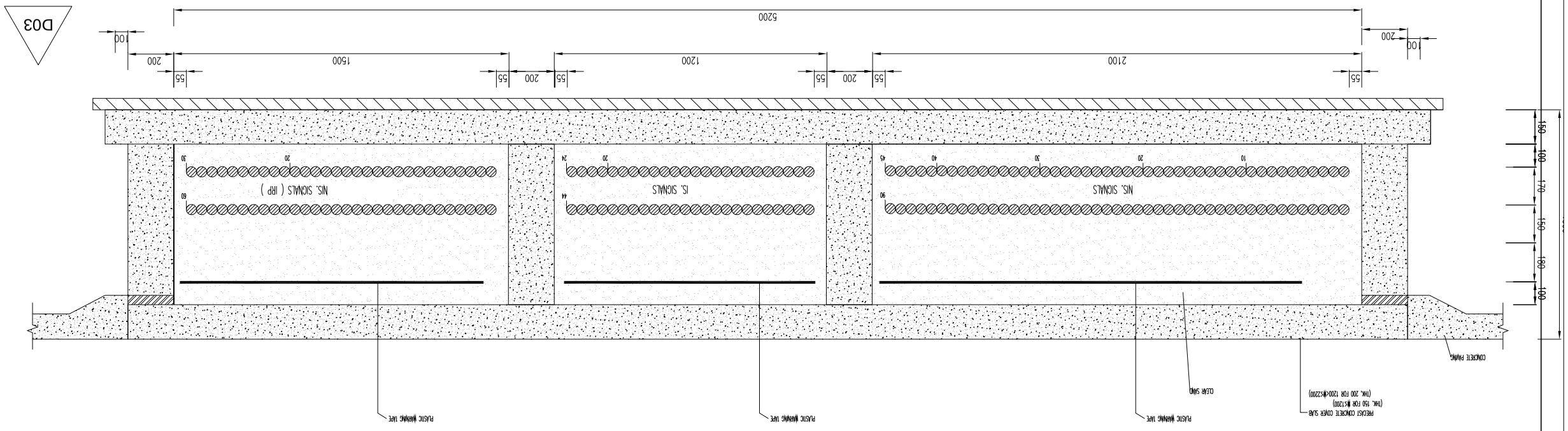
KEY PLAN

LEGEND

REFERENCE DRAWING	DRG. No.
BK-GCS-PEDCO-120-PI-PY-0001	UNIT PLOT PLAN DRAWING
BK-GCS-PEDCO-120-IN-DG-0008	INSTRUMENT & P&G JUNCTION BOX TERMINATION DIAGRAM
BK-GCS-PEDCO-120-IN-PY-0003	INSTRUMENT LOCATION LAYOUT

NOTES

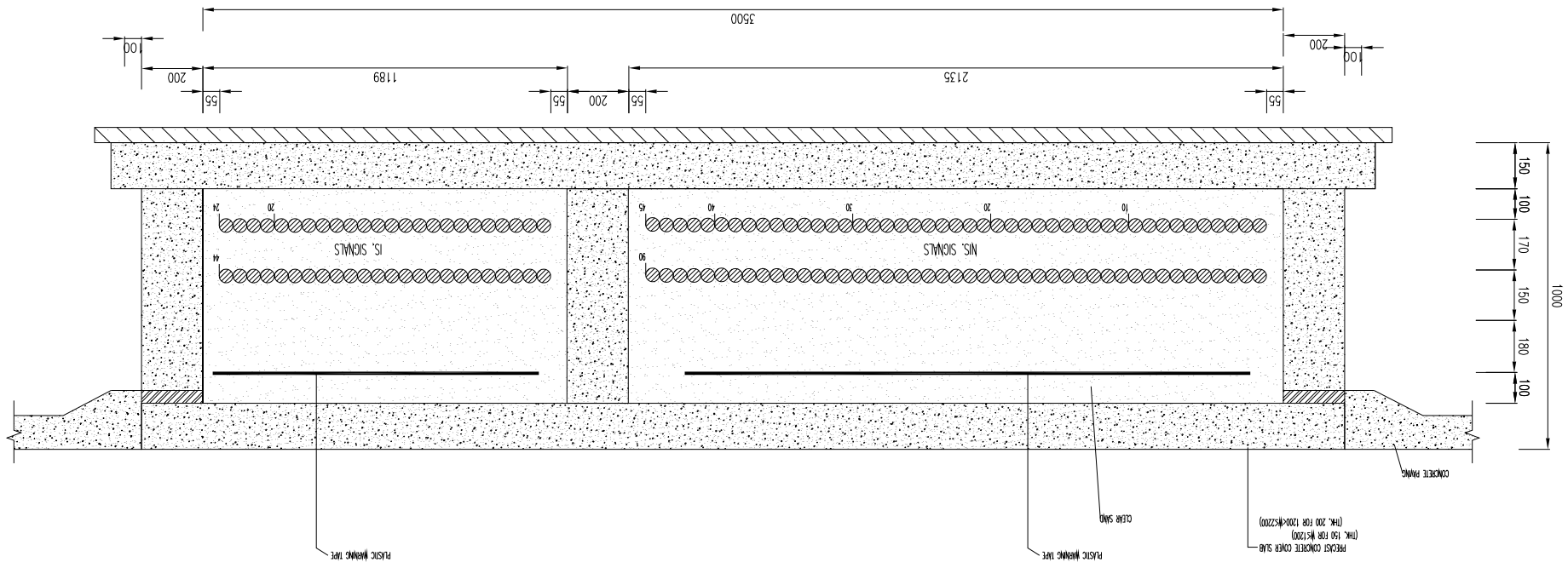
CONCRETE TRENCH
DETAIL C9



TOTALLY REVISED

D03

CONCRETE TRENCH
DETAIL C8B



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	ADT.
D03	MAR.2025	APC	Phanuwadee	M.PANGARAN	S.PARAMAMZPOUR	**.**

REV.	DESCRIPTION	CHECKED			
		BY	DATE	BY	DATE
***	**********	**.**	***.****	**.**	***.****

REV.	DESCRIPTION	CHECKED			
		BY	DATE	BY	DATE
D01	JUL.2022	IFA	Phanuwadee	M.PANGARAN	M.MERSEGAD	**.**
D02	AUG.2023	APC	Phanuwadee	M.PANGARAN	A.M.MOHSENI	**.**
D03	MAR.2025	APC	Phanuwadee	M.PANGARAN	S.PARAMAMZPOUR	**.**
D00	JAN.2022	IFC	Phanuwadee	M.PANGARAN	M.MERSEGAD	**.**

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES
GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (dd): PETROIRAN DEVELOPMENT COMPANY PEDCO

BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

DRAWING TITLE: INSTRUMENT/P&G CABLE TRENCH/ROUTE LAYOUT DRAWING

(VENDOR TITLE BLOCK)**

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
	A3	BK-GCS-PEDCO-120-IN-PY-0004	11 OF 24	D03

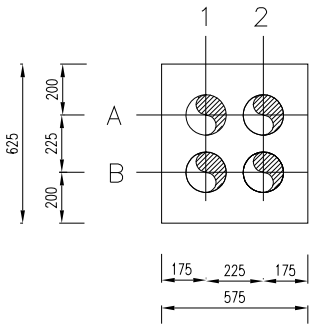
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION

KEY PLAN

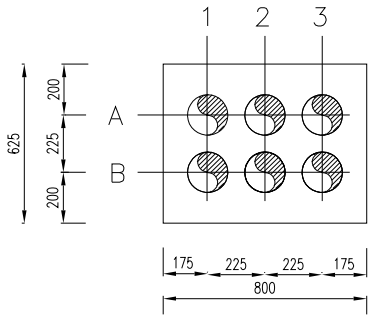
NOTES

LEGEND

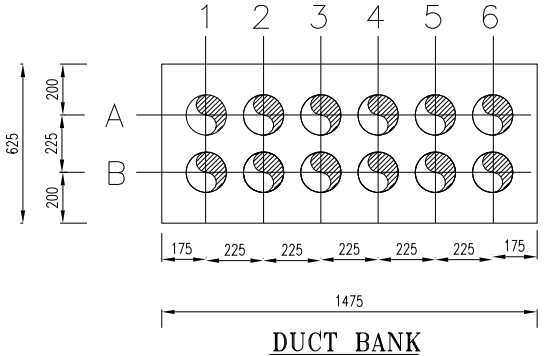
REFERENCE DRAWING	DRG. No.
BK-GCS-PEDCO-120-PI-PY-0001	UNIT PLOT PLAN DRAWING
BK-GCS-PEDCO-120-IN-DG-0006	INSTRUMENT & P&G JUNCTION BOX TERMINATION DIAGRAM
BK-GCS-PEDCO-120-IN-PY-0003	INSTRUMENT LOCATION LAYOUT



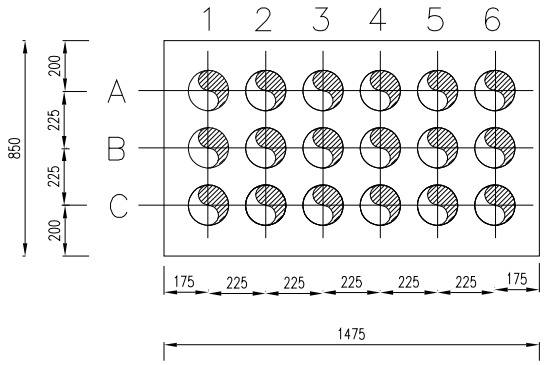
DUCT BANK
DETAIL D1
2*2-PVC 6"



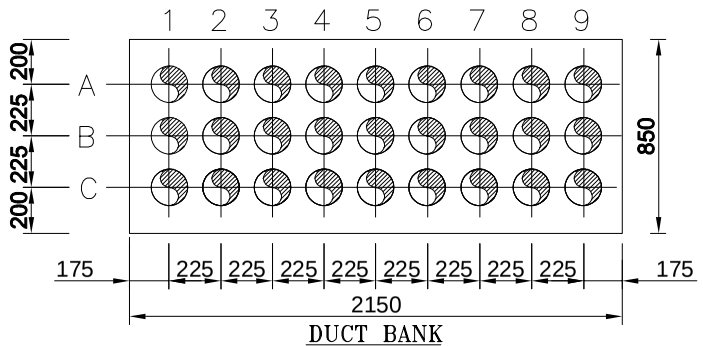
DUCT BANK
DETAIL D2
2*3-PVC 6"



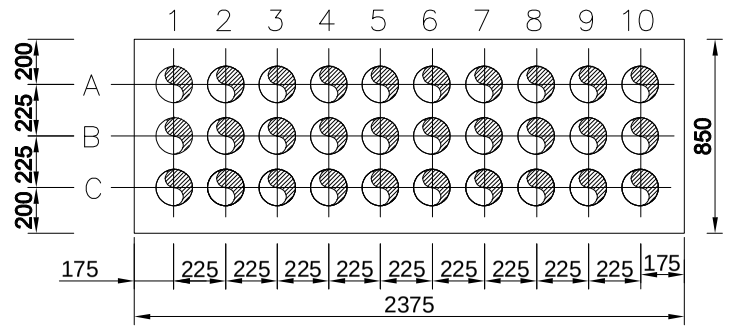
DUCT BANK
DETAIL D3
2*6-PVC 6"



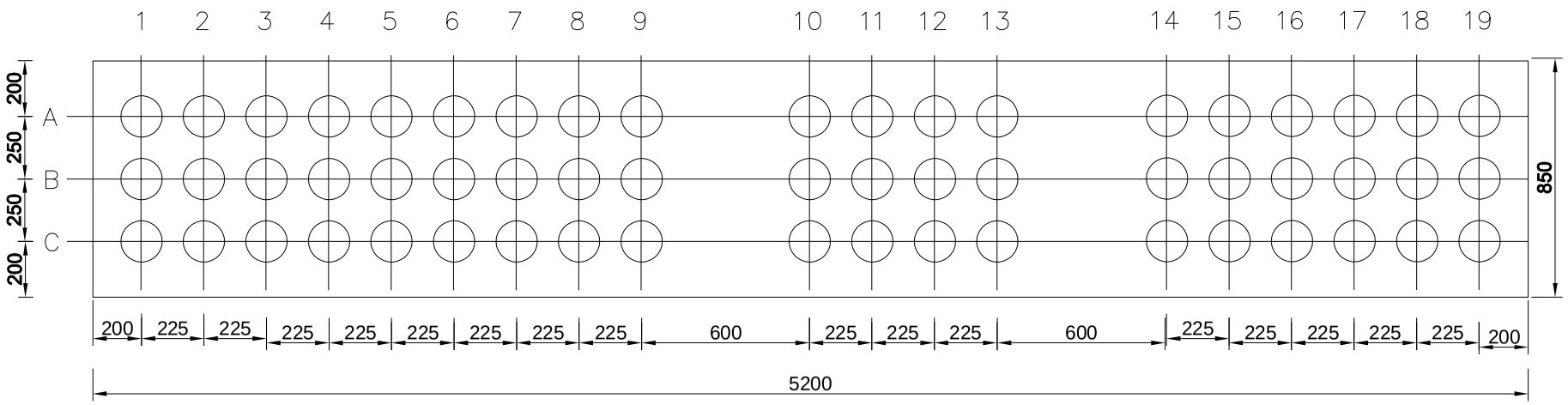
DUCT BANK
DETAIL D4
3*6-PVC 6"



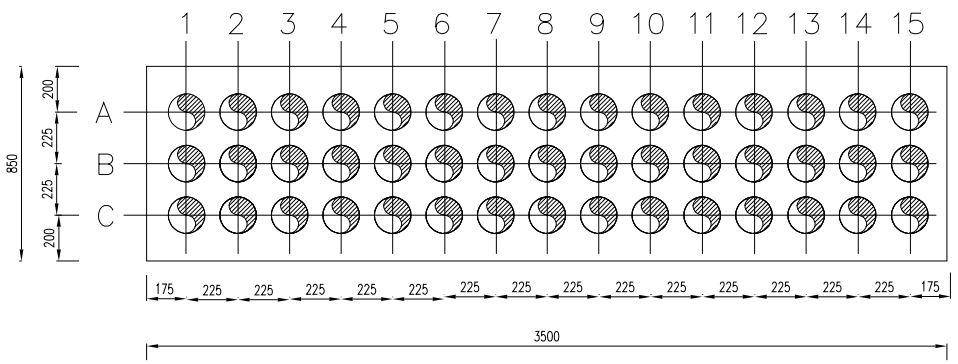
DUCT BANK
DETAIL D5
3*6-PVC 6"



DUCT BANK
DETAIL D6
3*6-PVC 6"



DUCT BANK
DETAIL D8
3*19-PVC 6"



DUCT BANK
DETAIL D7
3*15-PVC 6"

D03
TOTALLY REVISED

(VENDOR TITLE BLOCK)**

NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
BK-GCS-PEDCO-120-PI-PY-0001	UNIT PLOT PLAN DRAWING
BK-GCS-PEDCO-120-IN-DG-0008	INSTRUMENT & F&G JUNCTION BOX TERMINATION DIAGRAM
BK-GCS-PEDCO-120-IN-PY-0003	INSTRUMENT LOCATION LAYOUT

KEY PLAN

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D03	MAR.2025	AFC	P.Hajizadeghi	M.PAKHARIAN	S.PARAMARZPOUR	**.**
D02	AUG.2023	AFC	P.Hajizadeghi	M.PAKHARIAN	A.M.MOHSENI	**.**
D01	JULY.2022	IFA	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**
D00	JAN.2022	IFC	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**

REV.	DESCRIPTION	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE
***	**********	**.**	***.****	**.**	***.****

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.

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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING

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
	A3	BK-GCS-PEDCO-120-IN-PY-0004	12 OF 24	D03							

SECTION : IN-DB-B4 , DETAIL :D2
W : 800mm , H: 625 mm , 2 * 3 PVC SLEEVE , SPARE SLEEVE :4

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBE-A-2105	JBE-A-2105	ESD	ESD	IS		
2	MC- JBF-A-2111	JBF-A-2111	FGS	FGS	NIS		
3	MC- JBF-D-HN-6001	JBF-D-HN-6001 (By vendor)	FGS	FGS	NIS		

SECTION : IN-TR-B11 , DETAIL : B2B
W : 1000 mm , H: 1000 mm , SPARE SPACE : >50%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBE-A-2105	JBE-A-2105	ESD	ESD	IS		
2	MC- JBF-A-2111	JBF-A-2111	FGS	FGS	NIS		
3	MC- JBF-D-HN-6001	JBF-D-HN-6001 (By vendor)	FGS	FGS	NIS		

SECTION : IN-TR-B10 , DETAIL : B1B
W : 500 , H: 1000 , SPARE SPACE : >50%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBD-A-2108	JBD-A-2108	DCS	DCS	IS		
2	MC- JBE-A-2106	JBE-A-2106	ESD	ESD	IS		
3	MC- JBF-A-2109	JBF-A-2109	FGS	FGS	NIS		

SECTION : IN-TR-B9 , DETAIL : B2B
W : 1000 mm , H: 1000 mm , SPARE SPACE : >50%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBD-A-2108	JBD-A-2108	DCS	DCS	IS		
2	MC- JBE-A-2105	JBE-A-2105	ESD	ESD	IS		
3	MC- JBE-A-2106	JBE-A-2106	ESD	ESD	IS		
4	MC- JBF-A-2109	JBF-A-2109	FGS	FGS	NIS		
5	MC- JBF-A-2111	JBF-A-2111	FGS	FGS	NIS		
6	MC- JBF-D-HN-6001	JBF-D-HN-6001 (By vendor)	FGS	FGS	NIS		

SECTION : IN-TR-B8 , DETAIL : B1A
W : 500 , H: 1000 , SPARE SPACE : >50%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBE-D-2103	JBE-D-2103	ESD	ESD	NIS		

SECTION : IN-DB-B3 , DETAIL : D2
W : 800mm , H: 625 mm , 2 * 3 PVC SLEEVE , SPARE SLEEVE :3

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBD-A-2108	JBD-A-2108	DCS	DCS	IS		
2	MC- JBE-A-2105	JBE-A-2105	ESD	ESD	IS		
3	MC- JBE-A-2106	JBE-A-2106	ESD	ESD	IS		
4	MC- JBE-D-2103	JBE-D-2103	ESD	ESD	NIS		
5	MC- JBF-A-2109	JBF-A-2109	FGS	FGS	NIS		
6	MC- JBF-A-2111	JBF-A-2111	FGS	FGS	NIS		
7	MC- JBF-D-HN-5001	JBF-D-HN-6001 (By vendor)	FGS	FGS	NIS		

SECTION : IN-TR-B7 , DETAIL : B2B
W : 1000 mm , H: 1000 mm , SPARE SPACE : >50%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBD-A-2108	JBD-A-2108	DCS	DCS	IS		
2	MC- JBE-A-2105	JBE-A-2105	ESD	ESD	IS		
3	MC- JBE-A-2106	JBE-A-2106	ESD	ESD	IS		
4	MC- JBE-D-2103	JBE-D-2103	ESD	ESD	NIS		
5	MC- JBF-A-2109	JBF-A-2109	FGS	FGS	NIS		
6	MC- JBF-A-2111	JBF-A-2111	FGS	FGS	NIS		
7	MC- JBF-D-HN-5001	JBF-D-HN-6001 (By vendor)	FGS	FGS	NIS		
8	MC- JBF-D-HN-6001	JBF-D-HN-6001 (By vendor)	FGS	FGS	NIS		

SECTION : IN-TR-B6 , DETAIL : B1A
W : 500 , H: 1000 , SPARE SPACE : >50%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBE-D-2102	JBE-D-2102	ESD	ESD	NIS		
2	MC- JBF-D-2104	JBF-D-2104	FGS	FGS	NIS		

SECTION : IN-TR-B5 , DETAIL : B2B
W : 1000 mm , H: 1000 mm , SPARE SPACE : >50%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBD-A-2108	JBD-A-2108	DCS	DCS	IS		
2	MC- JBE-A-2105	JBE-A-2105	ESD	ESD	IS		
3	MC- JBE-A-2106	JBE-A-2106	ESD	ESD	IS		
4	MC- JBE-D-2102	JBE-D-2102	ESD	ESD	NIS		
5	MC- JBE-D-2103	JBE-D-2103	ESD	ESD	NIS		
6	MC- JBF-A-2109	JBF-A-2109	FGS	FGS	NIS		
7	MC- JBF-A-2111	JBF-A-2111	FGS	FGS	NIS		
8	MC- JBF-D-2104	JBF-D-2104	FGS	FGS	NIS		
9	MC- JBF-D-HN-5001	JBF-D-HN-6001 (By vendor)	FGS	FGS	NIS		
10	MC- JBF-D-HN-6001	JBF-D-HN-6001 (By vendor)	FGS	FGS	NIS		

SECTION : IN-TR-B4 , DETAIL : B1A
W : 500 , H: 1000 , SPARE SPACE : >50%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
	MC- JBE-D-2101	JBE-D-2101	ESD	ESD	NIS		

SECTION : IN-TR-B3 , DETAIL : B2B
W : 1000 mm , H: 1000 mm , SPARE SPACE : >50%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBD-A-2108	JBD-A-2108	DCS	DCS	IS		
2	MC- JBE-A-2105	JBE-A-2105	ESD	ESD	IS		
3	MC- JBE-A-2106	JBE-A-2106	ESD	ESD	IS		
4	MC- JBE-D-2101	JBE-D-2101	ESD	ESD	NIS		
5	MC- JBE-D-2102	JBE-D-2102	ESD	ESD	NIS		
6	MC- JBE-D-2103	JBE-D-2103	ESD	ESD	NIS		
7	MC- JBF-A-2109	JBF-A-2109	FGS	FGS	NIS		
8	MC- JBF-A-2111	JBF-A-2111	FGS	FGS	NIS		
9	MC- JBF-D-2104	JBF-D-2104	FGS	FGS	NIS		
10	MC- JBF-D-HN-5001	JBF-D-HN-6001 (By vendor)	FGS	FGS	NIS		
11	MC- JBF-D-HN-6001	JBF-D-HN-6001 (By vendor)	FGS	FGS	NIS		

SECTION : IN-DB-B2 , DETAIL : D2
W : 800mm , H: 625 mm , 2 * 3 PVC SLEEVE , SPARE SLEEVE :3

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBD-A-2108	JBD-A-2108	DCS	DCS	IS		
2	MC- JBE-A-2105	JBE-A-2105	ESD	ESD	IS		
3	MC- JBE-A-2106	JBE-A-2106	ESD	ESD	IS		
4	MC- JBE-D-2101	JBE-D-2101	ESD	ESD	NIS		
5	MC- JBE-D-2102	JBE-D-2102	ESD	ESD	NIS		
6	MC- JBE-D-2103	JBE-D-2103	ESD	ESD	NIS		
7	MC- JBF-A-2109	JBF-A-2109	FGS	FGS	NIS		
8	MC- JBF-A-2111	JBF-A-2111	FGS	FGS	NIS		
9	MC- JBF-D-2104	JBF-D-2104	FGS	FGS	NIS		
10	MC- JBF-D-HN-5001	JBF-D-HN-6001 (By vendor)	FGS	FGS	NIS		
11	MC- JBF-D-HN-6001	JBF-D-HN-6001 (By vendor)	FGS	FGS	NIS		

SECTION : IN-TR-B2A , DETAIL : B1B
W : 500 , H: 1000 , SPARE SPACE : >50%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBD-A-2101	JBD-A-2101	DCS	DCS	IS		
2	MC- JBD-D-2101	JBD-D-2101	DCS	DCS	NIS		
3	MC- JBF-A-2112	JBF-A-2112	FGS	FGS	NIS		

SECTION : IN-TR-B2B , DETAIL : B1A
W : 500 , H: 1000 , SPARE SPACE : >50%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- MOV-2003	IC-MOV-2003	DCS	DCS	NIS	Direct	

SECTION : IN-DB-B1 , DETAIL : D2
W : 800mm , H: 625 mm , 2 * 3 PVC SLEEVE , SPARE SLEEVE :2

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBD-A-2101	JBD-A-2101	DCS	DCS	IS		
2	MC- JBD-A-2108	JBD-A-2108	DCS	DCS	IS		
4	MC- JBE-A-2105	JBE-A-2105	ESD	ESD	IS		
5	MC- JBE-A-2106	JBE-A-2106	ESD	ESD	IS		
3	MC- JBD-D-2101	JBD-D-2101	DCS	DCS	NIS		
6	MC- JBE-D-2101	JBE-D-2101	ESD	ESD	NIS		
7	MC- JBE-D-2102	JBE-D-2102	ESD	ESD	NIS		
8	MC- JBE-D-2103	JBE-D-2103	ESD	ESD	NIS		
9	MC- JBF-A-2109	JBF-A-2109	FGS	FGS	NIS		
10	MC- JBF-A-2111	JBF-A-2111	FGS	FGS	NIS		
11	MC- JBF-A-2112	JBF-A-2112	FGS	FGS	NIS		
12	MC- JBF-D-2104	JBF-D-2104	FGS	FGS	NIS		
13	MC- JBF-D-HN-1001	JBF-D-HN-6001 (By vendor)	FGS	FGS	NIS		
14	MC- JBF-D-HN-2001	JBF-D-HN-6001 (By vendor)	FGS	FGS	NIS		
15	MC- JBF-D-HN-5001	JBF-D-HN-6001 (By vendor)	FGS	FGS	NIS		
16	MC- JBF-D-HN-6001	JBF-D-HN-6001 (By vendor)	FGS	FGS	NIS		
17	MC- MOV-2003	IC-MOV-2003	DCS	DCS	NIS	Direct	

SECTION : IN-TR-B1 , DETAIL : B2B
W : 1000 mm , H: 1000 mm , SPARE SPACE : 46%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBD-A-2101	JBD-A-2101	DCS	DCS	IS		
2	MC- JBD-A-2108	JBD-A-2108	DCS	DCS	IS		
3	MC- JBE-A-2105	JBE-A-2105	ESD	ESD	IS		
4	MC- JBE-A-2106	JBE-A-2106	ESD	ESD	IS		
5	MC- JBD-D-2101	JBD-D-2101	DCS	DCS	NIS		
6	MC- JBE-D-2101	JBE-D-2101	ESD	ESD	NIS		
7	MC- JBE-D-2102	JBE-D-2102	ESD	ESD	NIS		
8	MC- JBE-D-2103	JBE-D-2103	ESD	ESD	NIS		
9	MC- JBF-A-2109	JBF-A-2109	FGS	FGS	NIS		
10	MC- JBF-A-2111	JBF-A-2111	FGS	FGS	NIS		
11	MC- JBF-A-2112	JBF-A-2112	FGS	FGS	NIS		
12	MC- JBF-D-2104	JBF-D-2104	FGS	FGS	NIS		
13	MC- JBF-D-HN-1001	JBF-D-HN-6001 (By vendor)	FGS	FGS	NIS		
14	MC- JBF-D-HN-2001	JBF-D-HN-6001 (By vendor)	FGS	FGS	NIS		
15	MC- JBF-D-HN-5001	JBF-D-HN-6001 (By vendor)	FGS	FGS	NIS		
16	MC- JBF-D-HN-6001	JBF-D-HN-6001 (By vendor)	FGS	FGS	NIS		
17	MC- MOV-2003	IC-MOV-2003	DCS	DCS	NIS	Direct	

NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
BK-GCS-PEDCO-120-PI-PY-0001	UNIT PLOT PLAN DRAWING
BK-GCS-PEDCO-120-IN-DG-0008	INSTRUMENT & F&G JUNCTION BOX TERMINATION DIAGRAM
BK-GCS-PEDCO-120-IN-PY-0003	INSTRUMENT LOCATION LAYOUT

KEY PLAN

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D03	MAR.2025	AFC	P.Hajizadeghi	M.PAKHARIAN	S.PARAMARZPOUR	**.**
D02	AUG.2023	AFC	P.Hajizadeghi	M.PAKHARIAN	A.M.MOHSENI	**.**
D01	JULY.2022	IFA	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**
D00	JAN.2022	IFC	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**

REV.	DESCRIPTION	BY	DATE	BY	DATE
***	**********	**.**	***.****	**.**	***.****

CHECKED REV. APPR.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

D03 TOTALLY REVISED

(VENDOR TITLE BLOCK)**

DRAWING TITLE: INSTRUMENT/P&G CABLE TRENCH/ROUTE LAYOUT DRAWING

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
	A3	BK-GCS-PEDCO-120-IN-PY-0004	13 OF 24	D03

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.

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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

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

SECTION : IN-DB-C2 , DETAIL : D1
W : 575mm , H: 625 mm , 2 * 2 PVC SLEEVE , SPARE SLEEVE :2

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBD-A-2111	JBD-A-2111	DCS	DCS	IS		
2	MC- JBF-D-2105	JBF-D-2105	FGS	FGS	NIS		

SECTION : IN-TR-C19 , DETAIL : C1B
W : 500 mm , H: 1000 mm , SPARE SPACE : >50%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBD-A-2111	JBD-A-2111	DCS	DCS	IS		Sleeve 16
2	MC- JBF-D-2105	JBF-D-2105	FGS	FGS	NIS		Sleeve 16

SECTION : IN-TR-C18A , DETAIL : B1A
W : 500 mm , H: 1000 mm , SPARE SPACE : >50%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBF-D-HN-7001	JBF-D-HN-7001 (By vendor)	FGS	FGS	NIS		

SECTION : IN-TR-C18B , DETAIL : C1A
W : 500 mm , H: 1000 mm , SPARE SPACE : >50%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBF-D-HN-7001	JBF-D-HN-7001 (By vendor)	FGS	FGS	NIS		

SECTION : IN-TR-C17 , DETAIL : C2B
W : 1000 mm , H: 1000 mm , SPARE SPACE : >50%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBD-A-2111	JBD-A-2111	DCS	DCS	IS		
2	MC- JBF-D-2105	JBF-D-2105	FGS	FGS	NIS		
3	MC- JBF-D-HN-7001	JBF-D-HN-7001 (By vendor)	FGS	FGS	NIS		

SECTION : IN-TR-C16A , DETAIL : B1A
W : 500 mm , H: 1000 mm , SPARE SPACE : >50%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBF-D-HN-4001	JBF-D-HN-4001 (By vendor)	FGS	FGS	NIS		

SECTION : IN-TR-C16B , DETAIL : C1A
W : 500 mm , H: 1000 mm , SPARE SPACE : >50%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBF-D-HN-4001	JBF-D-HN-4001 (By vendor)	FGS	FGS	NIS		

SECTION : IN-DB-C1 , DETAIL : D2
W : 800 mm , H: 625 mm , 2 * 3 PVC SLEEVE , SPARE SLEEVE :4

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBD-A-2111	JBD-A-2111	DCS	DCS	IS		
2	MC- JBF-D-2105	JBF-D-2105	FGS	FGS	NIS		
3	MC- JBF-D-HN-7001	JBF-D-HN-7001 (By vendor)	FGS	FGS	NIS		
4	MC- JBF-D-HN-4001	JBF-D-HN-4001 (By vendor)	FGS	FGS	NIS		

SECTION : IN-TR-C15 , DETAIL : C2B
W : 1000 mm , H: 1000 mm , SPARE SPACE : >50%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- D-JBU-A-2131	D-JBU-A-2131	UCP-PK-2101	UCP-PK-2101	IS	Dehydration PK.	Sleeve 15
2	MC- D-JBU-A-2132	D-JBU-A-2132	UCP-PK-2101	UCP-PK-2101	IS	Dehydration PK.	Sleeve 15
3	MC- D-JBU-A-2133	D-JBU-A-2133	ESD/BMS-PK-2101	ESD/BMS-PK-2101	IS	Dehydration PK.	Sleeve 15
4	MC- D-JBU-A-2134	D-JBU-A-2134	ESD/BMS-PK-2101	ESD/BMS-PK-2101	IS	Dehydration PK.	Sleeve 15
5	MC- D-JBU-S-2131	D-JBU-S-2131	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	Sleeve 15
6	MC- D-JBU-D-2131	D-JBU-D-2131	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	Sleeve 15
7	MC- D-JBU-D-2132	D-JBU-D-2132	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	Sleeve 15
8	MC- D-JBU-D-2133	D-JBU-D-2133	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	Sleeve 15
9	MC- LCP-PK-2101/1	ESD/BMS-PK-2101	LCP-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	Sleeve 15
10	MC- LCP-PK-2101/2	ESD/BMS-PK-2101	LCP-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	Sleeve 15

SECTION : IN-TR-C14 , DETAIL : C2B
W : 1000 mm , H: 1000 mm , SPARE SPACE : >50%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBD-A-2107	JBD-A-2107	DCS	DCS	IS		Sleeve 14
2	MC- JBD-D-2106	JBD-D-2106	DCS	DCS	NIS		Sleeve 14
3	MC- JBD-S-2104	JBD-S-2104	DCS	DCS	NIS		Sleeve 14
4	MC- JBE-S-2106	JBE-S-2106	ESD	ESD	NIS		Sleeve 14
5	MC- JBF-A-2110	JBF-A-2110	FGS	FGS	NIS		Sleeve 14

SECTION : IN-TR-C13 , DETAIL : C2B
W : 1000 mm , H: 1000 mm , SPARE SPACE : 50%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- C-JBU-A-2101C	C-JBU-A-2101C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	Sleeve 13
2	MC- C-JBU-A-2102C	C-JBU-A-2102C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	Sleeve 13
3	MC- C-JBU-A-2103C	C-JBU-A-2103C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	Sleeve 13
4	MC- C-JBU-A-2104C	C-JBU-A-2104C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	Sleeve 13
5	MC- C-JBU-A-2105C	C-JBU-A-2105C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	Sleeve 12
6	MC- JBF-A-2107	JBF-A-2107	FGS	FGS	NIS		Sleeve 12
7	MC- JBF-D-2103	JBF-D-2103	FGS	FGS	NIS		Sleeve 12
9	MC- C-JBU-D-2101C	C-JBU-D-2101C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	Sleeve 13
10	MC- C-JBU-D-2102C	C-JBU-D-2102C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	Sleeve 13
8	MC- C-JBU-S-2101C	C-JBU-S-2101C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	Sleeve 13
11	MC- LCP-2101C1	LCP-2101C1	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	Sleeve 13
12	MC- LCP-2101C2	LCP-2101C2	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	Sleeve 13
13	MC- LCP-2101C3	LCP-2101C3	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	Sleeve 13
14	MC- LCP-2101C4	LCP-2101C4	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	Sleeve 13
15	MC- LCP-2101C5	LCP-2101C5	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	Sleeve 13

SECTION : IN-TR-C12 , DETAIL : C4
W : 2000 , H: 1000 , SPARE SPACE : 20%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBD-A-2107	JBD-A-2107	DCS	DCS	IS		
2	MC- JBD-A-2111	JBD-A-2111	DCS	DCS	IS		
3	MC- D-JBU-A-2131	D-JBU-A-2131	UCP-PK-2101	UCP-PK-2101	IS	Dehydration PK.	
4	MC- D-JBU-A-2132	D-JBU-A-2132	UCP-PK-2101	UCP-PK-2101	IS	Dehydration PK.	
5	MC- D-JBU-A-2133	D-JBU-A-2133	ESD/BMS-PK-2101	ESD/BMS-PK-2101	IS	Dehydration PK.	
6	MC- D-JBU-A-2134	D-JBU-A-2134	ESD/BMS-PK-2101	ESD/BMS-PK-2101	IS	Dehydration PK.	
7	MC- C-JBU-A-2105C	C-JBU-A-2105C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
8	MC- C-JBU-A-2101C	C-JBU-A-2101C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
9	MC- C-JBU-A-2102C	C-JBU-A-2102C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
10	MC- C-JBU-A-2103C	C-JBU-A-2103C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
11	MC- C-JBU-A-2104C	C-JBU-A-2104C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
12	MC- JBD-D-2106	JBD-D-2106	DCS	DCS	NIS		
13	MC- JBD-S-2104	JBD-S-2104	DCS	DCS	NIS		
14	MC- JBE-S-2106	JBE-S-2106	ESD	ESD	NIS		
15	MC- JBF-A-2107	JBF-A-2107	FGS	FGS	NIS		
16	MC- JBF-A-2110	JBF-A-2110	FGS	FGS	NIS		
17	MC- JBF-D-2103	JBF-D-2103	FGS	FGS	NIS		
18	MC- JBF-D-2105	JBF-D-2105	FGS	FGS	NIS		
19	MC- JBF-D-HN-4001	JBF-D-HN-4001 (By vendor)	FGS	FGS	NIS		
20	MC- JBF-D-HN-7001	JBF-D-HN-7001 (By vendor)	FGS	FGS	NIS		
21	MC- D-JBU-S-2131	D-JBU-S-2131	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
22	MC- D-JBU-D-2131	D-JBU-D-2131	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
23	MC- D-JBU-D-2132	D-JBU-D-2132	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
24	MC- D-JBU-D-2133	D-JBU-D-2133	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
25	MC- LCP-PK-2101/1	ESD/BMS-PK-2101	LCP-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
26	MC- LCP-PK-2101/2	ESD/BMS-PK-2101	LCP-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
27	MC- C-JBU-D-2101C	C-JBU-D-2101C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
28	MC- C-JBU-D-2102C	C-JBU-D-2102C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
29	MC- C-JBU-S-2101C	C-JBU-S-2101C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
30	MC- LCP-2101C1	LCP-2101C1	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
31	MC- LCP-2101C2	LCP-2101C2	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
32	MC- LCP-2101C3	LCP-2101C3	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
33	MC- LCP-2101C4	LCP-2101C4	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
34	MC- LCP-2101C5	LCP-2101C5	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	

NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
BK-GCS-PEDCO-120-PI-PY-0001	UNIT PLOT PLAN DRAWING
BK-GCS-PEDCO-120-IN-DG-0008	INSTRUMENT & F&G JUNCTION BOX TERMINATION DIAGRAM
BK-GCS-PEDCO-120-IN-PY-0003	INSTRUMENT LOCATION LAYOUT

KEY PLAN

D03
TOTALLY REVISED

(VENDOR TITLE BLOCK)**

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D03	MAR.2025	AFC	P.Hajisadeghi	M.FAKHARIAN	S.FARAMARZPOUR	**.**
D02	AUG.2023	AFC	P.Hajisadeghi	M.FAKHARIAN	A.M.MOHSENI	**.**
D01	JULY.2022	IFA	P.Hajisadeghi	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	JAN.2022	IFC	P.Hajisadeghi	M.FAKHARIAN	M.MEHRSHAD	**.**

REV.	DESCRIPTION	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE
***	**********	**.**	***.****	**.**	***.****

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PEDCO PETROIRAN DEVELOPMENT COMPANY

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

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

DRAWING TITLE: INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
	A3	BK-GCS-PEDCO-120-IN-PY-0004	14 OF 24	D03

SECTION : IN-TR-C11 , DETAIL : C2B
W : 1000 mm , H: 1000 mm , SPARE SPACE : >50%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBD-A-2106	JBD-A-2106	DCS	DCS	IS		Sleeve 11
2	MC- JBE-A-2104	JBE-A-2104	ESD	ESD	IS		Sleeve 11
3	MC- JBD-D-2105	JBD-D-2105	DCS	DCS	NIS		Sleeve 11
4	MC- JBD-S-2103	JBD-S-2103	DCS	DCS	NIS		Sleeve 11
5	MC- JBE-S-2105	JBE-S-2105	ESD	ESD	NIS		Sleeve 11
6	MC- JBF-A-2108	JBF-A-2108	FGS	FGS	NIS		Sleeve 11
7	MC- C-JBU-D-2103C	C-JBU-D-2103C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	Sleeve 11

SECTION : IN-TR-C10 , DETAIL : C4
W : 2000 , H: 1000 , SPARE SPACE : >20%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBD-A-2106	JBD-A-2106	DCS	DCS	IS		
2	MC- JBD-A-2107	JBD-A-2107	DCS	DCS	IS		
3	MC- JBD-A-2111	JBD-A-2111	DCS	DCS	IS		
4	MC- JBE-A-2104	JBE-A-2104	ESD	ESD	IS		
5	MC- D-JBU-A-2131	D-JBU-A-2131	UCP-PK-2101	UCP-PK-2101	IS	Dehydration PK.	
6	MC- D-JBU-A-2132	D-JBU-A-2132	UCP-PK-2101	UCP-PK-2101	IS	Dehydration PK.	
7	MC- D-JBU-A-2133	D-JBU-A-2133	ESD/BMS-PK-2101	ESD/BMS-PK-2101	IS	Dehydration PK.	
8	MC- D-JBU-A-2134	D-JBU-A-2134	ESD/BMS-PK-2101	ESD/BMS-PK-2101	IS	Dehydration PK.	
9	MC- C-JBU-A-2105C	C-JBU-A-2105C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
10	MC- C-JBU-A-2101C	C-JBU-A-2101C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
11	MC- C-JBU-A-2102C	C-JBU-A-2102C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
12	MC- C-JBU-A-2103C	C-JBU-A-2103C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
13	MC- C-JBU-A-2104C	C-JBU-A-2104C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
14	MC- JBD-D-2105	JBD-D-2105	DCS	DCS	NIS		
15	MC- JBD-D-2106	JBD-D-2106	DCS	DCS	NIS		
16	MC- JBD-S-2103	JBD-S-2103	DCS	DCS	NIS		
17	MC- JBD-S-2104	JBD-S-2104	DCS	DCS	NIS		
18	MC- JBE-S-2105	JBE-S-2105	ESD	ESD	NIS		
19	MC- JBE-S-2106	JBE-S-2106	ESD	ESD	NIS		
20	MC- JBF-A-2107	JBF-A-2107	FGS	FGS	NIS		
21	MC- JBF-A-2108	JBF-A-2108	FGS	FGS	NIS		
22	MC- JBF-A-2110	JBF-A-2110	FGS	FGS	NIS		
23	MC- JBF-D-2103	JBF-D-2103	FGS	FGS	NIS		
24	MC- JBF-D-2105	JBF-D-2105	FGS	FGS	NIS		
25	MC- JBF-D-HN-4001	JBF-D-HN-4001 (By vendor)	FGS	FGS	NIS		
26	MC- JBF-D-HN-7001	JBF-D-HN-7001 (By vendor)	FGS	FGS	NIS		
27	MC- D-JBU-S-2131	D-JBU-S-2131	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK	
28	MC- D-JBU-D-2131	D-JBU-D-2131	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK	
29	MC- D-JBU-D-2132	D-JBU-D-2132	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK	
30	MC- D-JBU-D-2133	D-JBU-D-2133	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK	
31	MC- LCP-PK-2101/1	ESD/BMS-PK-2101	LCP-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK	
32	MC- LCP-PK-2101/2	ESD/BMS-PK-2101	LCP-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK	
33	MC- C-JBU-D-2101C	C-JBU-D-2101C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
34	MC- C-JBU-D-2102C	C-JBU-D-2102C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
35	MC- C-JBU-D-2103C	C-JBU-D-2103C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
36	MC- C-JBU-S-2101C	C-JBU-S-2101C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
37	MC- LCP-2101C1	LCP-2101C1	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
38	MC- LCP-2101C2	LCP-2101C2	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
39	MC- LCP-2101C3	LCP-2101C3	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
40	MC- LCP-2101C4	LCP-2101C4	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
41	MC- LCP-2101C5	LCP-2101C5	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	

SECTION : IN-TR-C9 , DETAIL : C2B
W : 1000 mm , H: 1000 mm , SPARE SPACE : 50%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- C-JBU-A-2101B	C-JBU-A-2101B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	Sleeve 10
2	MC- C-JBU-A-2102B	C-JBU-A-2102B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	Sleeve 10
3	MC- C-JBU-A-2103B	C-JBU-A-2103B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	Sleeve 10
4	MC- C-JBU-A-2104B	C-JBU-A-2104B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	Sleeve 10
5	MC- C-JBU-A-2105B	C-JBU-A-2105B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	Sleeve 9
6	MC- JBF-A-2105	JBF-A-2105	FGS	FGS	NIS		Sleeve 9
7	MC- JBF-S-2101	JBF-S-2101	FGS	FGS	NIS		Sleeve 10
8	MC- C-JBU-D-2101B	C-JBU-D-2101B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	Sleeve 10
9	MC- C-JBU-D-2102B	C-JBU-D-2102B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	Sleeve 10
10	MC- C-JBU-S-2101B	C-JBU-S-2101B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	Sleeve 10
11	MC- LCP-2101B1	LCP-2101B1	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	Sleeve 10
12	MC- LCP-2101B2	LCP-2101B2	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	Sleeve 10
13	MC- LCP-2101B3	LCP-2101B3	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	Sleeve 10
14	MC- LCP-2101B4	LCP-2101B4	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	Sleeve 10
15	MC- LCP-2101B5	LCP-2101B5	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	Sleeve 10

SECTION : IN-TR-C8 , DETAIL : C4
W : 2000 , H: 1000 , SPARE SPACE : >20%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBD-A-2106	JBD-A-2106	DCS	DCS	IS		
2	MC- JBD-A-2107	JBD-A-2107	DCS	DCS	IS		
3	MC- JBD-A-2111	JBD-A-2111	DCS	DCS	IS		
4	MC- JBE-A-2104	JBE-A-2104	ESD	ESD	IS		
5	MC- D-JBU-A-2131	D-JBU-A-2131	UCP-PK-2101	UCP-PK-2101	IS	Dehydration PK.	
6	MC- D-JBU-A-2132	D-JBU-A-2132	UCP-PK-2101	UCP-PK-2101	IS	Dehydration PK.	
7	MC- D-JBU-A-2133	D-JBU-A-2133	ESD/BMS-PK-2101	ESD/BMS-PK-2101	IS	Dehydration PK.	
8	MC- D-JBU-A-2134	D-JBU-A-2134	ESD/BMS-PK-2101	ESD/BMS-PK-2101	IS	Dehydration PK.	
9	MC- C-JBU-A-2101B	C-JBU-A-2101B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
10	MC- C-JBU-A-2102B	C-JBU-A-2102B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
11	MC- C-JBU-A-2103B	C-JBU-A-2103B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
12	MC- C-JBU-A-2104B	C-JBU-A-2104B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
13	MC- C-JBU-A-2105B	C-JBU-A-2105B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
14	MC- C-JBU-A-2101C	C-JBU-A-2101C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
15	MC- C-JBU-A-2102C	C-JBU-A-2102C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
16	MC- C-JBU-A-2103C	C-JBU-A-2103C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
17	MC- C-JBU-A-2104C	C-JBU-A-2104C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
18	MC- C-JBU-A-2105C	C-JBU-A-2105C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
19	MC- JBD-D-2105	JBD-D-2105	DCS	DCS	NIS		
20	MC- JBD-D-2106	JBD-D-2106	DCS	DCS	NIS		
21	MC- JBD-S-2103	JBD-S-2103	DCS	DCS	NIS		
22	MC- JBD-S-2104	JBD-S-2104	DCS	DCS	NIS		
23	MC- JBE-S-2105	JBE-S-2105	ESD	ESD	NIS		
24	MC- JBE-S-2106	JBE-S-2106	ESD	ESD	NIS		
25	MC- JBF-A-2105	JBF-A-2105	FGS	FGS	NIS		
26	MC- JBF-A-2107	JBF-A-2107	FGS	FGS	NIS		
27	MC- JBF-A-2108	JBF-A-2108	FGS	FGS	NIS		
28	MC- JBF-A-2110	JBF-A-2110	FGS	FGS	NIS		
29	MC- JBF-D-2103	JBF-D-2103	FGS	FGS	NIS		
30	MC- JBF-D-2105	JBF-D-2105	FGS	FGS	NIS		
31	MC- JBF-S-2101	JBF-S-2101	FGS	FGS	NIS		
32	MC- JBF-D-HN-4001	JBF-D-HN-4001 (By vendor)	FGS	FGS	NIS		
33	MC- JBF-D-HN-7001	JBF-D-HN-7001 (By vendor)	FGS	FGS	NIS		

SECTION : IN-TR-C8 , DETAIL : C4
W : 2000 , H: 1000 , SPARE SPACE : >20%

34	MC- D-JBU-S-2131	D-JBU-S-2131	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
35	MC- D-JBU-D-2131	D-JBU-D-2131	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
36	MC- D-JBU-D-2132	D-JBU-D-2132	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
37	MC- D-JBU-D-2133	D-JBU-D-2133	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
38	MC- LCP-PK-2101/1	ESD/BMS-PK-2101	LCP-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
39	MC- LCP-PK-2101/2	ESD/BMS-PK-2101	LCP-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
40	MC- C-JBU-D-2101B	C-JBU-D-2101B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
41	MC- C-JBU-D-2102B	C-JBU-D-2102B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
42	MC- C-JBU-S-2101B	C-JBU-S-2101B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
43	MC- LCP-2101B1	LCP-2101B1	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
44	MC- LCP-2101B2	LCP-2101B2	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
45	MC- LCP-2101B3	LCP-2101B3	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
46	MC- LCP-2101B4	LCP-2101B4	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
47	MC- LCP-2101B5	LCP-2101B5	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
48	MC- C-JBU-D-2101C	C-JBU-D-2101C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
49	MC- C-JBU-D-2102C	C-JBU-D-2102C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
50	MC- C-JBU-D-2103C	C-JBU-D-2103C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
51	MC- C-JBU-S-2101C	C-JBU-S-2101C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
52	MC- LCP-2101C1	LCP-2101C1	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
53	MC- LCP-2101C2	LCP-2101C2	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
54	MC- LCP-2101C3	LCP-2101C3	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
55	MC- LCP-2101C4	LCP-2101C4	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
56	MC- LCP-2101C5	LCP-2101C5	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	

SECTION : IN-TR-C7 , DETAIL : C2B
W : 1000 mm , H: 1000 mm , SPARE SPACE > 50%

ITEM	Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC- JBD-A-2105	JBD-A-2105	DCS	DCS	IS		Sleeve 8
2	MC- JBE-A-2103	JBE-A-2103	ESD	ESD	IS		Sleeve 8
3	MC- JBD-D-2104	JBD-D-2104	DCS	DCS	NIS		Sleeve 8
4	MC- JBD-S-2102	JBD-S-2102	DCS	DCS	NIS		Sleeve 8
5	MC- JBE-S-2104	JBE-S-2104	ESD	ESD	NIS		Sleeve 8
6	MC- JBF-A-2106	JBF-A-2106	FGS	FGS	NIS		Sleeve 8
7	MC- C-JBU-D-2103B	C-JBU-D-2103B	UCP-GC-2101B	UCP-GC-2101B	NIS		Sleeve 8

NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
BK-GCS-PEDCO-120-PI-PY-0001	UNIT PLOT PLAN DRAWING
BK-GCS-PEDCO-120-IN-DG-0008	INSTRUMENT & F&G JUNCTION BOX TERMINATION DIAGRAM
BK-GCS-PEDCO-120-IN-PY-0003	INSTRUMENT LOCATION LAYOUT

KEY PLAN

D03
TOTALLY REVISED

(VENDOR TITLE BLOCK)**

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D03	MAR.2025	AFC	P.Hajizadeghi	M.PAKHARIAN	S.PARAMARZEPOUR	**.**
D02	AUG.2023	AFC	P.Hajizadeghi	M.PAKHARIAN	A.M.MOHSENI	**.**
D01	JULY.2022	IFA	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**
D00	JAN.2022	IFC	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**

REV.	DESCRIPTION	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE
***	**********	**.**	***.****	**.**	***.****

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY — PEDCO

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.

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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING

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
	A3	BK-GCS-PEDCO-120-IN-PY-0004	15 OF 24	D03							

SECTION : IN-TR-C6 , DETAIL : C4
W : 2000 , H: 1000 , SPARE SPACE :20%

ITEM	Cable No.		From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC-	JBD-A-2105	JBD-A-2105	DCS	DCS	IS		
2	MC-	JBD-A-2106	JBD-A-2106	DCS	DCS	IS		
3	MC-	JBD-A-2107	JBD-A-2107	DCS	DCS	IS		
4	MC-	JBD-A-2111	JBD-A-2111	DCS	DCS	IS		
5	MC-	JBE-A-2103	JBE-A-2103	ESD	ESD	IS		
6	MC-	JBE-A-2104	JBE-A-2104	ESD	ESD	IS		
7	MC-	D-JBU-A-2131	D-JBU-A-2131	UCP-PK-2101	UCP-PK-2101	IS	Dehydration PK.	
8	MC-	D-JBU-A-2132	D-JBU-A-2132	UCP-PK-2101	UCP-PK-2101	IS	Dehydration PK.	
9	MC-	D-JBU-A-2133	D-JBU-A-2133	ESD/BMS-PK-2101	ESD/BMS-PK-2101	IS	Dehydration PK.	
10	MC-	D-JBU-A-2134	D-JBU-A-2134	ESD/BMS-PK-2101	ESD/BMS-PK-2101	IS	Dehydration PK.	
11	MC-	C-JBU-A-2101B	C-JBU-A-2101B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
12	MC-	C-JBU-A-2102B	C-JBU-A-2102B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
13	MC-	C-JBU-A-2103B	C-JBU-A-2103B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
14	MC-	C-JBU-A-2104B	C-JBU-A-2104B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
15	MC-	C-JBU-A-2105B	C-JBU-A-2105B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
16	MC-	C-JBU-A-2101C	C-JBU-A-2101C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
17	MC-	C-JBU-A-2102C	C-JBU-A-2102C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
18	MC-	C-JBU-A-2103C	C-JBU-A-2103C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
19	MC-	C-JBU-A-2104C	C-JBU-A-2104C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
20	MC-	C-JBU-A-2105C	C-JBU-A-2105C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
21	MC-	JBD-D-2104	JBD-D-2104	DCS	DCS	NIS		
22	MC-	JBD-D-2105	JBD-D-2105	DCS	DCS	NIS		
23	MC-	JBD-D-2106	JBD-D-2106	DCS	DCS	NIS		
24	MC-	JBD-S-2102	JBD-S-2102	DCS	DCS	NIS		
25	MC-	JBD-S-2103	JBD-S-2103	DCS	DCS	NIS		
26	MC-	JBD-S-2104	JBD-S-2104	DCS	DCS	NIS		
27	MC-	JBE-S-2104	JBE-S-2104	ESD	ESD	NIS		
28	MC-	JBE-S-2105	JBE-S-2105	ESD	ESD	NIS		
29	MC-	JBE-S-2106	JBE-S-2106	ESD	ESD	NIS		
30	MC-	JBF-A-2105	JBF-A-2105	FGS	FGS	NIS		
31	MC-	JBF-A-2106	JBF-A-2106	FGS	FGS	NIS		
32	MC-	JBF-A-2107	JBF-A-2107	FGS	FGS	NIS		
33	MC-	JBF-A-2108	JBF-A-2108	FGS	FGS	NIS		
34	MC-	JBF-A-2110	JBF-A-2110	FGS	FGS	NIS		
35	MC-	JBF-D-2103	JBF-D-2103	FGS	FGS	NIS		
36	MC-	JBF-D-2105	JBF-D-2105	FGS	FGS	NIS		
37	MC-	JBF-S-2101	JBF-S-2101	FGS	FGS	NIS		
38	MC-	JBF-D-HN-4001	JBF-D-HN-4001 (By vendor)	FGS	FGS	NIS		
39	MC-	JBF-D-HN-7001	JBF-D-HN-7001 (By vendor)	FGS	FGS	NIS		
40	MC-	D-JBU-S-2131	D-JBU-S-2131	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	

SECTION : IN-TR-C6 , DETAIL : C4
W : 2000 , H: 1000 , SPARE SPACE :20%

ITEM	Cable No.		From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
41	MC-	D-JBU-D-2131	D-JBU-D-2131	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
42	MC-	D-JBU-D-2132	D-JBU-D-2132	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
43	MC-	D-JBU-D-2133	D-JBU-D-2133	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
44	MC-	LCP-PK-2101/1	ESD/BMS-PK-2101	LCP-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK	
45	MC-	LCP-PK-2101/2	ESD/BMS-PK-2101	LCP-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
46	MC-	C-JBU-D-2101B	C-JBU-D-2101B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
47	MC-	C-JBU-D-2102B	C-JBU-D-2102B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
48	MC-	C-JBU-D-2103B	C-JBU-D-2103B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
49	MC-	C-JBU-S-2101B	C-JBU-S-2101B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
50	MC-	LCP-2101B1	LCP-2101B1	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
51	MC-	LCP-2101B2	LCP-2101B2	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
52	MC-	LCP-2101B3	LCP-2101B3	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
53	MC-	LCP-2101B4	LCP-2101B4	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
54	MC-	LCP-2101B5	LCP-2101B5	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
55	MC-	C-JBU-D-2101C	C-JBU-D-2101C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
56	MC-	C-JBU-D-2102C	C-JBU-D-2102C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
57	MC-	C-JBU-D-2103C	C-JBU-D-2103C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
58	MC-	C-JBU-S-2101C	C-JBU-S-2101C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
59	MC-	LCP-2101C1	LCP-2101C1	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
60	MC-	LCP-2101C2	LCP-2101C2	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
61	MC-	LCP-2101C3	LCP-2101C3	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
62	MC-	LCP-2101C4	LCP-2101C4	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
63	MC-	LCP-2101C5	LCP-2101C5	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	

SECTION : IN-TR-C5 , DETAIL : C2B
W : 1000 mm , H: 1000 mm , SPARE SPACE > 50%

ITEM	Cable No.		From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC-	C-JBU-A-2101A	C-JBU-A-2101A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	Sleeve 7
2	MC-	C-JBU-A-2102A	C-JBU-A-2102A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	Sleeve 7
3	MC-	C-JBU-A-2103A	C-JBU-A-2103A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	Sleeve 7
4	MC-	C-JBU-A-2104A	C-JBU-A-2104A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	Sleeve 7
5	MC-	C-JBU-A-2105A	C-JBU-A-2105A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	Sleeve 6
6	MC-	JBF-A-2103	JBF-A-2103	FGS	FGS	NIS		Sleeve 6
7	MC-	JBF-D-2102	JBF-D-2102	FGS	FGS	NIS		Sleeve 6
8	MC-	C-JBU-S-2101A	C-JBU-S-2101A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	Sleeve 7
9	MC-	C-JBU-D-2101A	C-JBU-D-2101A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	Sleeve 7
10	MC-	C-JBU-D-2102A	C-JBU-D-2102A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	Sleeve 7
11	MC-	LCP-2101A1	LCP-2101A1	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	Sleeve 7
12	MC-	LCP-2101A2	LCP-2101A2	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	Sleeve 7
13	MC-	LCP-2101A3	LCP-2101A3	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	Sleeve 7
14	MC-	LCP-2101A4	LCP-2101A4	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	Sleeve 7
15	MC-	LCP-2101A5	LCP-2101A5	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	Sleeve 7

SECTION : IN-TR-C4 , DETAIL : C2B
W : 1000 mm , H: 1000 mm , SPARE SPACE > 50%

ITEM	Cable No.		From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC-	JBD-A-2104	JBD-A-2104	DCS	DCS	IS		Sleeve 5
2	MC-	JBE-A-2102	JBE-A-2102	ESD	ESD	IS		Sleeve 5
3	MC-	JBD-D-2103	JBD-D-2103	DCS	DCS	NIS		Sleeve 5
4	MC-	JBD-S-2101	JBD-S-2101	DCS	DCS	NIS		Sleeve 5
5	MC-	JBE-S-2103	JBE-S-2103	ESD	ESD	NIS		Sleeve 5
6	MC-	JBF-A-2104	JBF-A-2104	FGS	FGS	NIS		Sleeve 5
7	MC-	C-JBU-D-2103A	C-JBU-D-2103A	UCP-GC-2101A	UCP-GC-2101A	NIS		Sleeve 5

SECTION : IN-TR-C3 , DETAIL : C7
W : 3000 mm , H: 1000 mm , SPARE SPACE : 20%

ITEM	Cable No.		From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC-	JBD-A-2104	JBD-A-2104	DCS	DCS	IS		
2	MC-	JBD-A-2105	JBD-A-2105	DCS	DCS	IS		
3	MC-	JBD-A-2106	JBD-A-2106	DCS	DCS	IS		
4	MC-	JBD-A-2107	JBD-A-2107	DCS	DCS	IS		
5	MC-	JBD-A-2111	JBD-A-2111	DCS	DCS	IS		
6	MC-	JBE-A-2102	JBE-A-2102	ESD	ESD	IS		
7	MC-	JBE-A-2103	JBE-A-2103	ESD	ESD	IS		
8	MC-	JBE-A-2104	JBE-A-2104	ESD	ESD	IS		
9	MC-	D-JBU-A-2131	D-JBU-A-2131	UCP-PK-2101	UCP-PK-2101	IS	Dehydration PK.	
10	MC-	D-JBU-A-2132	D-JBU-A-2132	UCP-PK-2101	UCP-PK-2101	IS	Dehydration PK.	
11	MC-	D-JBU-A-2133	D-JBU-A-2133	ESD/BMS-PK-2101	ESD/BMS-PK-2101	IS	Dehydration PK.	
12	MC-	D-JBU-A-2134	D-JBU-A-2134	ESD/BMS-PK-2101	ESD/BMS-PK-2101	IS	Dehydration PK.	
13	MC-	C-JBU-A-2101A	C-JBU-A-2101A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
14	MC-	C-JBU-A-2102A	C-JBU-A-2102A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
15	MC-	C-JBU-A-2103A	C-JBU-A-2103A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
16	MC-	C-JBU-A-2104A	C-JBU-A-2104A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
17	MC-	C-JBU-A-2105A	C-JBU-A-2105A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
18	MC-	C-JBU-A-2101B	C-JBU-A-2101B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
19	MC-	C-JBU-A-2102B	C-JBU-A-2102B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
20	MC-	C-JBU-A-2103B	C-JBU-A-2103B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
21	MC-	C-JBU-A-2104B	C-JBU-A-2104B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
22	MC-	C-JBU-A-2105B	C-JBU-A-2105B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
23	MC-	C-JBU-A-2101C	C-JBU-A-2101C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
24	MC-	C-JBU-A-2102C	C-JBU-A-2102C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
25	MC-	C-JBU-A-2103C	C-JBU-A-2103C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
26	MC-	C-JBU-A-2104C	C-JBU-A-2104C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
27	MC-	C-JBU-A-2105C	C-JBU-A-2105C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
28	MC-	JBD-D-2103	JBD-D-2103	DCS	DCS	NIS		
29	MC-	JBD-D-2104	JBD-D-2104	DCS	DCS	NIS		
30	MC-	JBD-D-2105	JBD-D-2105	DCS	DCS	NIS		
31	MC-	JBD-D-2106	JBD-D-2106	DCS	DCS	NIS		
32	MC-	JBD-S-2101	JBD-S-2101	DCS	DCS	NIS		
33	MC-	JBD-S-2102	JBD-S-2102	DCS	DCS	NIS		
34	MC-	JBD-S-2103	JBD-S-2103	DCS	DCS	NIS		
35	MC-	JBD-S-2104	JBD-S-2104	DCS	DCS	NIS		
36	MC-	JBE-S-2103	JBE-S-2103	ESD	ESD	NIS		
37	MC-	JBE-S-2104	JBE-S-2104	ESD	ESD	NIS		
38	MC-	JBE-S-2105	JBE-S-2105	ESD	ESD	NIS		
39	MC-	JBE-S-2106	JBE-S-2106	ESD	ESD	NIS		

NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
BK-GCS-PEDCO-120-PI-PY-0001	UNIT PLOT PLAN DRAWING
BK-GCS-PEDCO-120-IN-DG-0008	INSTRUMENT & F&G JUNCTION BOX TERMINATION DIAGRAM
BK-GCS-PEDCO-120-IN-PY-0003	INSTRUMENT LOCATION LAYOUT

KEY PLAN

D03
TOTALLY REVISED

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D03	MAR.2025	AFC	P.Hajisadeghi	M.FAKHARIAN	S.FARAMARZPOUR	**.**
D02	AUG.2023	AFC	P.Hajisadeghi	M.FAKHARIAN	A.M.MOHSENI	**.**
D01	JULY.2022	IFA	P.Hajisadeghi	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	JAN.2022	IFC	P.Hajisadeghi	M.FAKHARIAN	M.MEHRSHAD	**.**

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

DRAWING TITLE: INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING

(VENDOR TITLE BLOCK)**

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
	A3	BK-GCS-PEDCO-120-IN-PY-0004	16 OF 24	D03

REV.	DESCRIPTION	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE
***	**********	**.**	***.****	**.**	***.****

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

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

SECTION : IN-TR-C3 , DETAIL : C7
W : 3000 mm , H: 1000 mm , SPARE SPACE : 20%

40	MC-	JBF-A-2103	JBF-A-2103	FGS	FGS	NIS		
41	MC-	JBF-A-2104	JBF-A-2104	FGS	FGS	NIS		
42	MC-	JBF-A-2105	JBF-A-2105	FGS	FGS	NIS		
43	MC-	JBF-A-2106	JBF-A-2106	FGS	FGS	NIS		
44	MC-	JBF-A-2107	JBF-A-2107	FGS	FGS	NIS		
45	MC-	JBF-A-2108	JBF-A-2108	FGS	FGS	NIS		
46	MC-	JBF-A-2110	JBF-A-2110	FGS	FGS	NIS		
47	MC-	JBF-D-2102	JBF-D-2102	FGS	FGS	NIS		
48	MC-	JBF-D-2103	JBF-D-2103	FGS	FGS	NIS		
49	MC-	JBF-D-2105	JBF-D-2105	FGS	FGS	NIS		
50	MC-	JBF-S-2101	JBF-S-2101	FGS	FGS	NIS		
51	MC-	JBF-D-HN-4001	JBF-D-HN-4001 (By vendor)	FGS	FGS	NIS		
52	MC-	JBF-D-HN-7001	JBF-D-HN-7001 (By vendor)	FGS	FGS	NIS		
53	MC-	JBF-D-HN-4002	JBF-D-HN-4002 (By vendor)	FGS	FGS	NIS		
54	MC-	D-JBU-S-2131	D-JBU-S-2131	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
55	MC-	D-JBU-D-2131	D-JBU-D-2131	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
56	MC-	D-JBU-D-2132	D-JBU-D-2132	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
57	MC-	D-JBU-D-2133	D-JBU-D-2133	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
58	MC-	LCP-PK-2101/1	ESD/BMS-PK-2101	LCP-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
59	MC-	LCP-PK-2101/2	ESD/BMS-PK-2101	LCP-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
60	MC-	C-JBU-S-2101A	C-JBU-S-2101A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
61	MC-	C-JBU-D-2101A	C-JBU-D-2101A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
62	MC-	C-JBU-D-2102A	C-JBU-D-2102A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
63	MC-	C-JBU-D-2103A	C-JBU-D-2103A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
64	MC-	LCP-2101A1	LCP-2101A1	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
65	MC-	LCP-2101A2	LCP-2101A2	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
66	MC-	LCP-2101A3	LCP-2101A3	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
67	MC-	LCP-2101A4	LCP-2101A4	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
68	MC-	LCP-2101A5	LCP-2101A5	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
69	MC-	C-JBU-D-2101B	C-JBU-D-2101B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
70	MC-	C-JBU-D-2102B	C-JBU-D-2102B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
71	MC-	C-JBU-D-2103B	C-JBU-D-2103B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
72	MC-	C-JBU-S-2101B	C-JBU-S-2101B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
73	MC-	LCP-2101B1	LCP-2101B1	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
74	MC-	LCP-2101B2	LCP-2101B2	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
75	MC-	LCP-2101B3	LCP-2101B3	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
76	MC-	LCP-2101B4	LCP-2101B4	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
77	MC-	LCP-2101B5	LCP-2101B5	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
78	MC-	C-JBU-D-2101C	C-JBU-D-2101C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
79	MC-	C-JBU-D-2102C	C-JBU-D-2102C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
80	MC-	C-JBU-D-2103C	C-JBU-D-2103C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
81	MC-	C-JBU-S-2101C	C-JBU-S-2101C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
82	MC-	LCP-2101C1	LCP-2101C1	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
83	MC-	LCP-2101C2	LCP-2101C2	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
84	MC-	LCP-2101C3	LCP-2101C3	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
85	MC-	LCP-2101C4	LCP-2101C4	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
86	MC-	LCP-2101C5	LCP-2101C5	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
87	MC-	LCP-PK-2207	LCP-PK-2207	DCS	DCS	NIS		

SECTION : C2 , DETAIL : C1A
W : 500 mm , H: 100 mm , SPARE SPACE : >50%

ITEM		Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC-	JBF-A-2102	JBF-A-2102	FGS	FGS	NIS		

SECTION : IN-TR-C1A , DETAIL : C7
SECTION : IN-TR-C1B , DETAIL : B4B
W : 3000 mm , H: 1000 mm , SPARE SPACE : 20% (the rows 3 of trench considered spare space)

ITEM		Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC-	JBD-A-2102	JBD-A-2102	DCS	DCS	IS		Sleeve 1
2	MC-	JBD-A-2103	JBD-A-2103	DCS	DCS	IS		Sleeve 1
3	MC-	JBD-A-2104	JBD-A-2104	DCS	DCS	IS		
4	MC-	JBD-A-2105	JBD-A-2105	DCS	DCS	IS		
5	MC-	JBD-A-2106	JBD-A-2106	DCS	DCS	IS		
6	MC-	JBD-A-2107	JBD-A-2107	DCS	DCS	IS		
7	MC-	JBD-A-2111	JBD-A-2111	DCS	DCS	IS		
8	MC-	JBE-A-2101	JBE-A-2101	ESD	ESD	IS		Sleeve 1
9	MC-	JBE-A-2102	JBE-A-2102	ESD	ESD	IS		
10	MC-	JBE-A-2103	JBE-A-2103	ESD	ESD	IS		
11	MC-	JBE-A-2104	JBE-A-2104	ESD	ESD	IS		
12	MC-	D-JBU-A-2131	D-JBU-A-2131	UCP-PK-2101	UCP-PK-2101	IS	Dehydration PK.	
13	MC-	D-JBU-A-2132	D-JBU-A-2132	UCP-PK-2101	UCP-PK-2101	IS	Dehydration PK.	
14	MC-	D-JBU-A-2133	D-JBU-A-2133	ESD/BMS-PK-2101	ESD/BMS-PK-2101	IS	Dehydration PK.	
15	MC-	D-JBU-A-2134	D-JBU-A-2134	ESD/BMS-PK-2101	ESD/BMS-PK-2101	IS	Dehydration PK.	
16	MC-	C-JBU-A-2101A	C-JBU-A-2101A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
17	MC-	C-JBU-A-2102A	C-JBU-A-2102A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
18	MC-	C-JBU-A-2103A	C-JBU-A-2103A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
19	MC-	C-JBU-A-2104A	C-JBU-A-2104A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
20	MC-	C-JBU-A-2105A	C-JBU-A-2105A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	Sleeve 6
21	MC-	C-JBU-A-2101B	C-JBU-A-2101B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
22	MC-	C-JBU-A-2102B	C-JBU-A-2102B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
23	MC-	C-JBU-A-2103B	C-JBU-A-2103B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
24	MC-	C-JBU-A-2104B	C-JBU-A-2104B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
25	MC-	C-JBU-A-2105B	C-JBU-A-2105B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
26	MC-	C-JBU-A-2101C	C-JBU-A-2101C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
27	MC-	C-JBU-A-2102C	C-JBU-A-2102C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
28	MC-	C-JBU-A-2103C	C-JBU-A-2103C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
29	MC-	C-JBU-A-2104C	C-JBU-A-2104C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
30	MC-	C-JBU-A-2105C	C-JBU-A-2105C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
31	MC-	JBD-D-2102	JBD-D-2102	DCS	DCS	NIS		Sleeve 1
32	MC-	JBD-D-2103	JBD-D-2103	DCS	DCS	NIS		
33	MC-	JBD-D-2104	JBD-D-2104	DCS	DCS	NIS		
34	MC-	JBD-D-2105	JBD-D-2105	DCS	DCS	NIS		
35	MC-	JBD-D-2106	JBD-D-2106	DCS	DCS	NIS		
36	MC-	JBD-S-2101	JBD-S-2101	DCS	DCS	NIS		
37	MC-	JBD-S-2102	JBD-S-2102	DCS	DCS	NIS		
38	MC-	JBD-S-2103	JBD-S-2103	DCS	DCS	NIS		
39	MC-	JBD-S-2104	JBD-S-2104	DCS	DCS	NIS		
40	MC-	JBE-S-2102	JBE-S-2102	ESD	ESD	NIS		Sleeve 1
41	MC-	JBE-S-2103	JBE-S-2103	ESD	ESD	NIS		
42	MC-	JBE-S-2104	JBE-S-2104	ESD	ESD	NIS		
43	MC-	JBE-S-2105	JBE-S-2105	ESD	ESD	NIS		
44	MC-	JBE-S-2106	JBE-S-2106	ESD	ESD	NIS		
45	MC-	JBF-A-2101	JBF-A-2101	FGS	FGS	NIS		Sleeve 1
46	MC-	JBF-A-2102	JBF-A-2102	FGS	FGS	NIS		Sleeve 2
47	MC-	JBF-A-2103	JBF-A-2103	FGS	FGS	NIS		Sleeve 6
48	MC-	JBF-A-2104	JBF-A-2104	FGS	FGS	NIS		
49	MC-	JBF-A-2105	JBF-A-2105	FGS	FGS	NIS		
50	MC-	JBF-A-2106	JBF-A-2106	FGS	FGS	NIS		
51	MC-	JBF-A-2107	JBF-A-2107	FGS	FGS	NIS		
52	MC-	JBF-A-2108	JBF-A-2108	FGS	FGS	NIS		
53	MC-	JBF-A-2110	JBF-A-2110	FGS	FGS	NIS		
54	MC-	JBF-D-2101	JBF-D-2101	FGS	FGS	NIS		Sleeve 1
55	MC-	JBF-D-2102	JBF-D-2102	FGS	FGS	NIS		Sleeve 6

SECTION : IN-TR-C1A , DETAIL : C7
SECTION : IN-TR-C1B , DETAIL : B4B
W : 3000 mm , H: 1000 mm , SPARE SPACE : 20% (the rows 3 of trench considered spare space)

56	MC-	JBF-D-2103	JBF-D-2103	FGS	FGS	NIS		
57	MC-	JBF-D-2105	JBF-D-2105	FGS	FGS	NIS		
58	MC-	JBF-S-2101	JBF-S-2101	FGS	FGS	NIS		
59	MC-	JBF-D-HN-4001	JBF-D-HN-4001 (By vendor)	FGS	FGS	NIS		
60	MC-	JBF-D-HN-7001	JBF-D-HN-7001 (By vendor)	FGS	FGS	NIS		
61	MC-	JBF-D-HN-3001	JBF-D-HN-3001 (By vendor)	FGS	FGS	NIS		Sleeve 2
62	MC-	JBF-D-HN-4002	JBF-D-HN-4002 (By vendor)	FGS	FGS	NIS		Sleeve 4
63	MC-	D-JBU-S-2131	D-JBU-S-2131	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
64	MC-	D-JBU-D-2131	D-JBU-D-2131	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
65	MC-	D-JBU-D-2132	D-JBU-D-2132	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
66	MC-	D-JBU-D-2133	D-JBU-D-2133	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
67	MC-	LCP-PK-2101/1	ESD/BMS-PK-2101	LCP-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
68	MC-	LCP-PK-2101/2	ESD/BMS-PK-2101	LCP-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
69	MC-	C-JBU-S-2101A	C-JBU-S-2101A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
70	MC-	C-JBU-D-2101A	C-JBU-D-2101A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
71	MC-	C-JBU-D-2102A	C-JBU-D-2102A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
72	MC-	C-JBU-D-2103A	C-JBU-D-2103A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
73	MC-	LCP-2101A1	LCP-2101A1	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
74	MC-	LCP-2101A2	LCP-2101A2	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
75	MC-	LCP-2101A3	LCP-2101A3	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
76	MC-	LCP-2101A4	LCP-2101A4	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
77	MC-	LCP-2101A5	LCP-2101A5	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
78	MC-	C-JBU-D-2101B	C-JBU-D-2101B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
79	MC-	C-JBU-D-2102B	C-JBU-D-2102B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
80	MC-	C-JBU-D-2103B	C-JBU-D-2103B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
81	MC-	C-JBU-S-2101B	C-JBU-S-2101B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
82	MC-	LCP-2101B1	LCP-2101B1	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
83	MC-	LCP-2101B2	LCP-2101B2	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
84	MC-	LCP-2101B3	LCP-2101B3	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
85	MC-	LCP-2101B4	LCP-2101B4	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
86	MC-	LCP-2101B5	LCP-2101B5	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
87	MC-	C-JBU-D-2101C	C-JBU-D-2101C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
88	MC-	C-JBU-D-2102C	C-JBU-D-2102C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
89	MC-	C-JBU-D-2103C	C-JBU-D-2103C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
90	MC-	C-JBU-S-2101C	C-JBU-S-2101C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
91	MC-	LCP-2101C1	LCP-2101C1	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
92	MC-	LCP-2101C2	LCP-2101C2	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
93	MC-	LCP-2101C3	LCP-2101C3	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
94	MC-	LCP-2101C4	LCP-2101C4	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
95	MC-	LCP-2101C5	LCP-2101C5	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
96	MC-	LCP-PK-2207	LCP-PK-2207	DCS	DCS	NIS		

NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
BK-GCS-PEDCO-120-PI-PY-0001	UNIT PLOT PLAN DRAWING
BK-GCS-PEDCO-120-IN-DG-0008	INSTRUMENT & F&G JUNCTION BOX TERMINATION DIAGRAM
BK-GCS-PEDCO-120-IN-PY-0003	INSTRUMENT LOCATION LAYOUT

KEY PLAN

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D03	MAR.2025	AFC	P.Hajizadeghi	M.PAKHIARIAN	S.PARAMARZPOUR	**.**
D02	AUG.2023	AFC	P.Hajizadeghi	M.PAKHIARIAN	A.M.MOHSENI	**.**
D01	JULY.2022	IFA	P.Hajizadeghi	M.PAKHIARIAN	M.MEHRSHAD	**.**
D00	JAN.2022	IFC	P.Hajizadeghi	M.PAKHIARIAN	M.MEHRSHAD	**.**

REV.	DESCRIPTION	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE
***	**********	**.**	***.****	**.**	***.****

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PEDCO — PETROIRAN DEVELOPMENT COMPANY

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.

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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

D03
TOTALLY REVISED

(VENDOR TITLE BLOCK)**

DRAWING TITLE: INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
	A3	BK-GCS-PEDCO-120-IN-PY-0004	17 OF 24	D03

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION

SECTION : IN-TR-A7 , DETAIL : B5B
W : 3500 mm , H: 1000 mm , 20% (the rows 3 of trench considered spare space)

SECTION : IN-DB-A5~A9 , DETAIL : D7
W : 3500mm , H: 625 mm , 3 * 15 PVC SLEEVE , SPARE SLEEVE :17 NO. & >20%

ITEM	Cable No.		From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC-	JBD-A-2101	JBD-A-2101	DCS	DCS	IS		
2	MC-	JBD-A-2102	JBD-A-2102	DCS	DCS	IS		
3	MC-	JBD-A-2103	JBD-A-2103	DCS	DCS	IS		
4	MC-	JBD-A-2104	JBD-A-2104	DCS	DCS	IS		
5	MC-	JBD-A-2105	JBD-A-2105	DCS	DCS	IS		
6	MC-	JBD-A-2106	JBD-A-2106	DCS	DCS	IS		
7	MC-	JBD-A-2107	JBD-A-2107	DCS	DCS	IS		
8	MC-	JBD-A-2108	JBD-A-2108	DCS	DCS	IS		
9	MC-	JBD-A-2111	JBD-A-2111	DCS	DCS	IS		
10	MC-	JBE-A-2101	JBE-A-2101	ESD	ESD	IS		
11	MC-	JBE-A-2102	JBE-A-2102	ESD	ESD	IS		
12	MC-	JBE-A-2103	JBE-A-2103	ESD	ESD	IS		
13	MC-	JBE-A-2104	JBE-A-2104	ESD	ESD	IS		
14	MC-	JBE-A-2105	JBE-A-2105	ESD	ESD	IS		
15	MC-	JBE-A-2106	JBE-A-2106	ESD	ESD	IS		
16	MC-	D-JBU-A-2131	D-JBU-A-2131	UCP-PK-2101	UCP-PK-2101	IS	Dehydration PK	
17	MC-	D-JBU-A-2132	D-JBU-A-2132	UCP-PK-2101	UCP-PK-2101	IS	Dehydration PK	
18	MC-	D-JBU-A-2133	D-JBU-A-2133	ESD/BMS-PK-2101	ESD/BMS-PK-2101	IS	Dehydration PK	
19	MC-	D-JBU-A-2134	D-JBU-A-2134	ESD/BMS-PK-2101	ESD/BMS-PK-2101	IS	Dehydration PK	
20	MC-	C-JBU-A-2101A	C-JBU-A-2101A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
21	MC-	C-JBU-A-2102A	C-JBU-A-2102A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
22	MC-	C-JBU-A-2103A	C-JBU-A-2103A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
23	MC-	C-JBU-A-2104A	C-JBU-A-2104A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
24	MC-	C-JBU-A-2105A	C-JBU-A-2105A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
25	MC-	C-JBU-A-2101B	C-JBU-A-2101B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
26	MC-	C-JBU-A-2102B	C-JBU-A-2102B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
27	MC-	C-JBU-A-2103B	C-JBU-A-2103B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
28	MC-	C-JBU-A-2104B	C-JBU-A-2104B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
29	MC-	C-JBU-A-2105B	C-JBU-A-2105B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
30	MC-	C-JBU-A-2101C	C-JBU-A-2101C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
31	MC-	C-JBU-A-2102C	C-JBU-A-2102C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
32	MC-	C-JBU-A-2103C	C-JBU-A-2103C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
33	MC-	C-JBU-A-2104C	C-JBU-A-2104C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
34	MC-	C-JBU-A-2105C	C-JBU-A-2105C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
35	MC-	JBD-D-2101	JBD-D-2101	DCS	DCS	NIS		
36	MC-	JBD-D-2102	JBD-D-2102	DCS	DCS	NIS		
37	MC-	JBD-D-2103	JBD-D-2103	DCS	DCS	NIS		
38	MC-	JBD-D-2104	JBD-D-2104	DCS	DCS	NIS		
39	MC-	JBD-D-2105	JBD-D-2105	DCS	DCS	NIS		
40	MC-	JBD-D-2106	JBD-D-2106	DCS	DCS	NIS		
41	MC-	JBD-S-2101	JBD-S-2101	DCS	DCS	NIS		
42	MC-	JBD-S-2102	JBD-S-2102	DCS	DCS	NIS		
43	MC-	JBD-S-2103	JBD-S-2103	DCS	DCS	NIS		
44	MC-	JBD-S-2104	JBD-S-2104	DCS	DCS	NIS		
45	MC-	JBE-D-2101	JBE-D-2101	ESD	ESD	NIS		
46	MC-	JBE-D-2102	JBE-D-2102	ESD	ESD	NIS		
47	MC-	JBE-D-2103	JBE-D-2103	ESD	ESD	NIS		
48	MC-	JBE-S-2102	JBE-S-2102	ESD	ESD	NIS		
49	MC-	JBE-S-2103	JBE-S-2103	ESD	ESD	NIS		
50	MC-	JBE-S-2104	JBE-S-2104	ESD	ESD	NIS		
51	MC-	JBE-S-2105	JBE-S-2105	ESD	ESD	NIS		
52	MC-	JBE-S-2106	JBE-S-2106	ESD	ESD	NIS		
53	MC-	JBF-A-2101	JBF-A-2101	FGS	FGS	NIS		
54	MC-	JBF-A-2102	JBF-A-2102	FGS	FGS	NIS		
55	MC-	JBF-A-2103	JBF-A-2103	FGS	FGS	NIS		
56	MC-	JBF-A-2104	JBF-A-2104	FGS	FGS	NIS		

SECTION : IN-TR-A7 , DETAIL : B5B
W : 3500 mm , H: 1000 mm , 20% (the rows 3 of trench considered spare space)

SECTION : IN-DB-A5~A9 , DETAIL : D7
W : 3500mm , H: 625 mm , 3 * 15 PVC SLEEVE , SPARE SLEEVE :17 NO. & >20%

57	MC-	JBF-A-2105	JBF-A-2105	FGS	FGS	NIS		
58	MC-	JBF-A-2106	JBF-A-2106	FGS	FGS	NIS		
59	MC-	JBF-A-2107	JBF-A-2107	FGS	FGS	NIS		
60	MC-	JBF-A-2108	JBF-A-2108	FGS	FGS	NIS		
61	MC-	JBF-A-2109	JBF-A-2109	FGS	FGS	NIS		
62	MC-	JBF-A-2110	JBF-A-2110	FGS	FGS	NIS		
63	MC-	JBF-A-2111	JBF-A-2111	FGS	FGS	NIS		
64	MC-	JBF-A-2112	JBF-A-2112	FGS	FGS	NIS		
65	MC-	JBF-D-2101	JBF-D-2101	FGS	FGS	NIS		
66	MC-	JBF-D-2102	JBF-D-2102	FGS	FGS	NIS		
67	MC-	JBF-D-2103	JBF-D-2103	FGS	FGS	NIS		
68	MC-	JBF-D-2104	JBF-D-2104	FGS	FGS	NIS		
69	MC-	JBF-D-2105	JBF-D-2105	FGS	FGS	NIS		
70	MC-	JBF-S-2101	JBF-S-2101	FGS	FGS	NIS		
71	MC-	JBF-D-HN-1001	JBF-D-HN-1001 (By vendor)	FGS	FGS	NIS		
72	MC-	JBF-D-HN-2001	JBF-D-HN-2001 (By vendor)	FGS	FGS	NIS		
73	MC-	JBF-D-HN-3001	JBF-D-HN-3001 (By vendor)	FGS	FGS	NIS		
74	MC-	JBF-D-HN-4001	JBF-D-HN-4001 (By vendor)	FGS	FGS	NIS		
75	MC-	JBF-D-HN-4002	JBF-D-HN-4002 (By vendor)	FGS	FGS	NIS		
76	MC-	JBF-D-HN-5001	JBF-D-HN-5001 (By vendor)	FGS	FGS	NIS		
77	MC-	JBF-D-HN-6001	JBF-D-HN-6001 (By vendor)	FGS	FGS	NIS		
78	MC-	JBF-D-HN-7001	JBF-D-HN-7001 (By vendor)	FGS	FGS	NIS		
79	MC-	D-JBU-S-2131	D-JBU-S-2131	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK	
80	MC-	D-JBU-D-2131	D-JBU-D-2131	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK	
81	MC-	D-JBU-D-2132	D-JBU-D-2132	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK	
82	MC-	D-JBU-D-2133	D-JBU-D-2133	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK	
83	MC-	LCP-PK-2101/1	ESD/BMS-PK-2101	LCP-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK	
84	MC-	LCP-PK-2101/2	ESD/BMS-PK-2101	LCP-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK	
85	MC-	C-JBU-S-2101A	C-JBU-S-2101A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
86	MC-	C-JBU-D-2101A	C-JBU-D-2101A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
87	MC-	C-JBU-D-2102A	C-JBU-D-2102A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
88	MC-	C-JBU-D-2103A	C-JBU-D-2103A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
89	MC-	LCP-2101A1	LCP-2101A1	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
90	MC-	LCP-2101A2	LCP-2101A2	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
91	MC-	LCP-2101A3	LCP-2101A3	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
92	MC-	LCP-2101A4	LCP-2101A4	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
93	MC-	LCP-2101A5	LCP-2101A5	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
94	MC-	C-JBU-D-2101B	C-JBU-D-2101B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
95	MC-	C-JBU-D-2102B	C-JBU-D-2102B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
96	MC-	C-JBU-D-2103B	C-JBU-D-2103B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
97	MC-	C-JBU-S-2101B	C-JBU-S-2101B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
98	MC-	LCP-2101B1	LCP-2101B1	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
99	MC-	LCP-2101B2	LCP-2101B2	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
100	MC-	LCP-2101B3	LCP-2101B3	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
101	MC-	LCP-2101B4	LCP-2101B4	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
102	MC-	LCP-2101B5	LCP-2101B5	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
103	MC-	C-JBU-D-2101C	C-JBU-D-2101C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
104	MC-	C-JBU-D-2102C	C-JBU-D-2102C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
105	MC-	C-JBU-D-2103C	C-JBU-D-2103C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
106	MC-	C-JBU-S-2101C	C-JBU-S-2101C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
107	MC-	LCP-2101C1	LCP-2101C1	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
108	MC-	LCP-2101C2	LCP-2101C2	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
109	MC-	LCP-2101C3	LCP-2101C3	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
110	MC-	LCP-2101C4	LCP-2101C4	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
111	MC-	LCP-2101C5	LCP-2101C5	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
112	MC-	LCP-PK-2207	LCP-PK-2207	DCS	DCS	NIS		
113	MC-	MOV-2003	IC-MOV-2003	DCS	DCS	NIS	Direct	

SECTION : IN-TR-A6 , DETAIL : C1A
W : 500 mm , H: 1000 mm , SPARE SPACE : >50%

ITEM	Cable No.		From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	IC-	LIT-2291	LIT-2291	DCS	DCS	IS	Direct	

NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
BK-GCS-PEDCO-120-PI-PY-0001	UNIT PLOT PLAN DRAWING
BK-GCS-PEDCO-120-IN-DG-0008	INSTRUMENT & F&G JUNCTION BOX TERMINATION DIAGRAM
BK-GCS-PEDCO-120-IN-PY-0003	INSTRUMENT LOCATION LAYOUT

KEY PLAN

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D03	MAR.2025	AFC	P.Hajizadeghi	M.PAKHARIAN	S.PARAMARZPOUR	**.**
D02	AUG.2023	AFC	P.Hajizadeghi	M.PAKHARIAN	A.M.MOHSENI	**.**
D01	JULY.2022	IFA	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**
D00	JAN.2022	IFC	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**

REV.	DESCRIPTION	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE
***	**********	**.**	***.****	**.**	***.****

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

D03
TOTALLY REVISED

(VENDOR TITLE BLOCK)**

DRAWING TITLE: INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
	A3	BK-GCS-PEDCO-120-IN-PY-0004	18 OF 24	D03

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.

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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

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

SECTION : IN-TR-A5 , DETAIL : C8B
W : 3500 , H: 1000 , SPARE SPACE : 20%

ITEM	Cable No.		From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	IC-	LIT-2291	LIT-2291 (TK-2209)	DCS	DCS	IS	Direct	
2	MC-	JBD-A-2101	JBD-A-2101	DCS	DCS	IS		
3	MC-	JBD-A-2102	JBD-A-2102	DCS	DCS	IS		
4	MC-	JBD-A-2103	JBD-A-2103	DCS	DCS	IS		
5	MC-	JBD-A-2104	JBD-A-2104	DCS	DCS	IS		
6	MC-	JBD-A-2105	JBD-A-2105	DCS	DCS	IS		
7	MC-	JBD-A-2106	JBD-A-2106	DCS	DCS	IS		
8	MC-	JBD-A-2107	JBD-A-2107	DCS	DCS	IS		
9	MC-	JBD-A-2108	JBD-A-2108	DCS	DCS	IS		
10	MC-	JBD-A-2111	JBD-A-2111	DCS	DCS	IS		
11	MC-	JBE-A-2101	JBE-A-2101	ESD	ESD	IS		
12	MC-	JBE-A-2102	JBE-A-2102	ESD	ESD	IS		
13	MC-	JBE-A-2103	JBE-A-2103	ESD	ESD	IS		
14	MC-	JBE-A-2104	JBE-A-2104	ESD	ESD	IS		
15	MC-	JBE-A-2105	JBE-A-2105	ESD	ESD	IS		
16	MC-	JBE-A-2106	JBE-A-2106	ESD	ESD	IS		
17	MC-	D-JBU-A-2131	D-JBU-A-2131	UCP-PK-2101	UCP-PK-2101	IS	Dehydration PK	
18	MC-	D-JBU-A-2132	D-JBU-A-2132	UCP-PK-2101	UCP-PK-2101	IS	Dehydration PK	
19	MC-	D-JBU-A-2133	D-JBU-A-2133	ESD/BMS-PK-2101	ESD/BMS-PK-2101	IS	Dehydration PK	
20	MC-	D-JBU-A-2134	D-JBU-A-2134	ESD/BMS-PK-2101	ESD/BMS-PK-2101	IS	Dehydration PK	
21	MC-	C-JBU-A-2101A	C-JBU-A-2101A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
22	MC-	C-JBU-A-2102A	C-JBU-A-2102A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
23	MC-	C-JBU-A-2103A	C-JBU-A-2103A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
24	MC-	C-JBU-A-2104A	C-JBU-A-2104A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
25	MC-	C-JBU-A-2105A	C-JBU-A-2105A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
26	MC-	C-JBU-A-2101B	C-JBU-A-2101B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
27	MC-	C-JBU-A-2102B	C-JBU-A-2102B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
28	MC-	C-JBU-A-2103B	C-JBU-A-2103B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
29	MC-	C-JBU-A-2104B	C-JBU-A-2104B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
30	MC-	C-JBU-A-2105B	C-JBU-A-2105B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
31	MC-	C-JBU-A-2101C	C-JBU-A-2101C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
32	MC-	C-JBU-A-2102C	C-JBU-A-2102C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
33	MC-	C-JBU-A-2103C	C-JBU-A-2103C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
34	MC-	C-JBU-A-2104C	C-JBU-A-2104C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
35	MC-	C-JBU-A-2105C	C-JBU-A-2105C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
36	MC-	JBD-D-2101	JBD-D-2101	DCS	DCS	NIS		
37	MC-	JBD-D-2102	JBD-D-2102	DCS	DCS	NIS		
38	MC-	JBD-D-2103	JBD-D-2103	DCS	DCS	NIS		
39	MC-	JBD-D-2104	JBD-D-2104	DCS	DCS	NIS		
40	MC-	JBD-D-2105	JBD-D-2105	DCS	DCS	NIS		
41	MC-	JBD-D-2106	JBD-D-2106	DCS	DCS	NIS		
42	MC-	JBD-S-2101	JBD-S-2101	DCS	DCS	NIS		
43	MC-	JBD-S-2102	JBD-S-2102	DCS	DCS	NIS		
44	MC-	JBD-S-2103	JBD-S-2103	DCS	DCS	NIS		
45	MC-	JBD-S-2104	JBD-S-2104	DCS	DCS	NIS		
46	MC-	JBE-D-2101	JBE-D-2101	ESD	ESD	NIS		
47	MC-	JBE-D-2102	JBE-D-2102	ESD	ESD	NIS		
48	MC-	JBE-D-2103	JBE-D-2103	ESD	ESD	NIS		
49	MC-	JBE-S-2102	JBE-S-2102	ESD	ESD	NIS		
50	MC-	JBE-S-2103	JBE-S-2103	ESD	ESD	NIS		
51	MC-	JBE-S-2104	JBE-S-2104	ESD	ESD	NIS		
52	MC-	JBE-S-2105	JBE-S-2105	ESD	ESD	NIS		
53	MC-	JBE-S-2106	JBE-S-2106	ESD	ESD	NIS		
54	MC-	JBF-A-2101	JBF-A-2101	FGS	FGS	NIS		
55	MC-	JBF-A-2102	JBF-A-2102	FGS	FGS	NIS		
56	MC-	JBF-A-2103	JBF-A-2103	FGS	FGS	NIS		

SECTION : IN-TR-A5 , DETAIL : C8B
W : 3500 , H: 1000 , SPARE SPACE : 20%

57	MC-	JBF-A-2104	JBF-A-2104	FGS	FGS	NIS		
58	MC-	JBF-A-2105	JBF-A-2105	FGS	FGS	NIS		
59	MC-	JBF-A-2106	JBF-A-2106	FGS	FGS	NIS		
60	MC-	JBF-A-2107	JBF-A-2107	FGS	FGS	NIS		
61	MC-	JBF-A-2108	JBF-A-2108	FGS	FGS	NIS		
62	MC-	JBF-A-2109	JBF-A-2109	FGS	FGS	NIS		
63	MC-	JBF-A-2110	JBF-A-2110	FGS	FGS	NIS		
64	MC-	JBF-A-2111	JBF-A-2111	FGS	FGS	NIS		
65	MC-	JBF-A-2112	JBF-A-2112	FGS	FGS	NIS		
66	MC-	JBF-D-2101	JBF-D-2101	FGS	FGS	NIS		
67	MC-	JBF-D-2102	JBF-D-2102	FGS	FGS	NIS		
68	MC-	JBF-D-2103	JBF-D-2103	FGS	FGS	NIS		
69	MC-	JBF-D-2104	JBF-D-2104	FGS	FGS	NIS		
70	MC-	JBF-D-2105	JBF-D-2105	FGS	FGS	NIS		
71	MC-	JBF-S-2101	JBF-S-2101	FGS	FGS	NIS		
72	MC-	JBF-D-HN-1001	JBF-D-HN-1001 (By vendor)	FGS	FGS	NIS		
73	MC-	JBF-D-HN-2001	JBF-D-HN-2001 (By vendor)	FGS	FGS	NIS		
74	MC-	JBF-D-HN-3001	JBF-D-HN-3001 (By vendor)	FGS	FGS	NIS		
75	MC-	JBF-D-HN-4001	JBF-D-HN-4001 (By vendor)	FGS	FGS	NIS		
76	MC-	JBF-D-HN-4002	JBF-D-HN-4002 (By vendor)	FGS	FGS	NIS		
77	MC-	JBF-D-HN-5001	JBF-D-HN-5001 (By vendor)	FGS	FGS	NIS		
78	MC-	JBF-D-HN-6001	JBF-D-HN-6001 (By vendor)	FGS	FGS	NIS		
79	MC-	JBF-D-HN-7001	JBF-D-HN-7001 (By vendor)	FGS	FGS	NIS		
80	MC-	D-JBU-S-2131	D-JBU-S-2131	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK	
81	MC-	D-JBU-D-2131	D-JBU-D-2131	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK	
82	MC-	D-JBU-D-2132	D-JBU-D-2132	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK	
83	MC-	D-JBU-D-2133	D-JBU-D-2133	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK	
84	MC-	LCP-PK-2101/1	ESD/BMS-PK-2101	LCP-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK	
85	MC-	LCP-PK-2101/2	ESD/BMS-PK-2101	LCP-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK	
86	MC-	C-JBU-S-2101A	C-JBU-S-2101A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
87	MC-	C-JBU-D-2101A	C-JBU-D-2101A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
88	MC-	C-JBU-D-2102A	C-JBU-D-2102A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
89	MC-	C-JBU-D-2103A	C-JBU-D-2103A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
90	MC-	LCP-2101A1	LCP-2101A1	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
91	MC-	LCP-2101A2	LCP-2101A2	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
92	MC-	LCP-2101A3	LCP-2101A3	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
93	MC-	LCP-2101A4	LCP-2101A4	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
94	MC-	LCP-2101A5	LCP-2101A5	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
95	MC-	C-JBU-D-2101B	C-JBU-D-2101B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
96	MC-	C-JBU-D-2102B	C-JBU-D-2102B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
97	MC-	C-JBU-D-2103B	C-JBU-D-2103B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
98	MC-	C-JBU-S-2101B	C-JBU-S-2101B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
99	MC-	LCP-2101B1	LCP-2101B1	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
100	MC-	LCP-2101B2	LCP-2101B2	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
101	MC-	LCP-2101B3	LCP-2101B3	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
102	MC-	LCP-2101B4	LCP-2101B4	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
103	MC-	LCP-2101B5	LCP-2101B5	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
104	MC-	C-JBU-D-2101C	C-JBU-D-2101C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
105	MC-	C-JBU-D-2102C	C-JBU-D-2102C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
106	MC-	C-JBU-D-2103C	C-JBU-D-2103C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
107	MC-	C-JBU-S-2101C	C-JBU-S-2101C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
108	MC-	LCP-2101C1	LCP-2101C1	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
109	MC-	LCP-2101C2	LCP-2101C2	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
110	MC-	LCP-2101C3	LCP-2101C3	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
111	MC-	LCP-2101C4	LCP-2101C4	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
112	MC-	LCP-2101C5	LCP-2101C5	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
113	MC-	MOV-2003	IC-MOV-2003	DCS	DCS	NIS	Direct	
114	MC-	LCP-PK-2207	LCP-PK-2207	DCS	DCS	NIS		

NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
BK-GCS-PEDCO-120-PI-PY-0001	UNIT PLOT PLAN DRAWING
BK-GCS-PEDCO-120-IN-DG-0008	INSTRUMENT & F&G JUNCTION BOX TERMINATION DIAGRAM
BK-GCS-PEDCO-120-IN-PY-0003	INSTRUMENT LOCATION LAYOUT

KEY PLAN

D03
TOTALLY REVISED

(VENDOR TITLE BLOCK)**

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D03	MAR.2025	AFC	P.Hajizadeghi	M.PAKHARIAN	S.PARAMARZPOUR	**.**
D02	AUG.2023	AFC	P.Hajizadeghi	M.PAKHARIAN	A.M.MOHSENI	**.**
D01	JULY.2022	IFA	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**
D00	JAN.2022	IFC	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**

REV.	DESCRIPTION	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE
***	**********	**.**	***.****	**.**	***.****

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PEDCO — PETROIRAN DEVELOPMENT COMPANY

DRAWING TITLE: INSTRUMENT/P&G CABLE TRENCH/ROUTE LAYOUT DRAWING

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
	A3	BK-GCS-PEDCO-120-IN-PY-0004	19 OF 24	D03

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.

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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

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

SECTION : IN-TR-A4 , DETAIL : C3A
W : 1500 , H: 1000 , SPARE SPACE : 20%

SECTION : IN-DB-A4 , DETAIL : D4
W : 1500 , H: 850 , 3 * 6 PVC SLEEVE , SPARE SLEEVE :4

ITEM		Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC-	IRP-DCS 1	IRP	DCS	DCS	NIS		
2	MC-	IRP-DCS 2	IRP	DCS	DCS	NIS		
3	MC-	IRP-DCS 3	IRP	DCS	DCS	NIS		
4	MC-	IRP-DCS 4	IRP	DCS	DCS	NIS		
5	MC-	IRP-DCS 5	IRP	DCS	DCS	NIS		
6	MC-	IRP-DCS 6	IRP	DCS	DCS	NIS		
7	MC-	IRP-DCS 7	IRP	DCS	DCS	NIS		
8	MC-	IRP-DCS 8	IRP	DCS	DCS	NIS		
9	MC-	IRP-DCS 9	IRP	DCS	DCS	NIS		
10	MC-	IRP-DCS 10	IRP	DCS	DCS	NIS		
11	MC-	IRP-ESD 1	IRP	ESD	ESD	NIS		
12	MC-	IRP-ESD 2	IRP	ESD	ESD	NIS		
13	MC-	UPS-ESD	ESD	UPS CHARGER	ESD	NIS		
14	MC-	JBF-D-HN-9001	JBF-D-HN-9001 (By vendor)	FGS	FGS	NIS		
15	IC-	MAC-9001	MAC-9001	MAC-9001	FGS	NIS	Direct	
16	IC-	FD-8002	FD-8002	FD-8001	FGS	NIS	Direct	
17	MC-	JBF-A-2116	JBF-A-2116	FGS	FGS	NIS		
18	MC-	UPS-F&G	FGS	UPS	FGS	NIS		
19	MC-	HVAC-F&G	F&G	HAVC	FGS	NIS		
20	MC-	IRP-FGS 1	FGS	IRP	FGS	NIS		
21	MC-	IRP-FGS 2	FGS	IRP	FGS	NIS		
22	MC-	CO2-F&G	CO2-F&G	CO2 PACKAGE	FGS	NIS		
23	IC-	FACP-LOOP4	FACP	HN-1201	FGS	-		
24	IC-	FACP-LOOP5	FACP	SD-1203	FGS	-		
25	IC-	FACP-LOOP6	FACP	HN-1202	FGS	-		
26	MC-	IRP-UCP-GS-2101A1	IRP	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp. A	
27	MC-	IRP-UCP-GS-2101A2	IRP	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp. A	
28	MC-	IRP-UCP-GS-2101A3	IRP	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp. A	
29	MC-	IRP-UCP-GS-2101A4	IRP	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp. A	
30	MC-	IRP-UCP-GS-2101A5	IRP	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp. A	
31	MC-	IRP-UCP-GS-2101A6	IRP	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp. A	
32	MC-	IRP-UCP-GS-2101B1	IRP	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp. B	
33	MC-	IRP-UCP-GS-2101B2	IRP	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp. B	
34	MC-	IRP-UCP-GS-2101B3	IRP	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp. B	
35	MC-	IRP-UCP-GS-2101B4	IRP	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp. B	
36	MC-	IRP-UCP-GS-2101B5	IRP	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp. B	
37	MC-	IRP-UCP-GS-2101B6	IRP	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp. B	
38	MC-	IRP-UCP-GS-2101C1	IRP	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp. C	
39	MC-	IRP-UCP-GS-2101C2	IRP	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp. C	
40	MC-	IRP-UCP-GS-2101C3	IRP	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp. C	
41	MC-	IRP-UCP-GS-2101C4	IRP	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp. C	
42	MC-	IRP-UCP-GS-2101C5	IRP	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp. C	
43	MC-	IRP-UCP-GS-2101C6	IRP	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp. C	
44	MC-	IRP-ESD-PK-2101	IRP	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
45	MC-	IRP-UCP-PK-2101/1	IRP	UCP-PK-2101	UCP-PK-2101	NIS	Dehydration PK.	
46	MC-	IRP-UCP-PK-2101/2	IRP	UCP-PK-2101	UCP-PK-2101	NIS	Dehydration PK.	
47	MC-	IRP-UCP-PK-2101/3	IRP	UCP-PK-2101	UCP-PK-2101	NIS	Dehydration PK.	
48	MC-	IRP-UCP-PK-2101/4	IRP	UCP-PK-2101	UCP-PK-2101	NIS	Dehydration PK.	
49	MC-	IRP-UCP-G-2204/1	IRP	UCP-G-2204	UCP-Nitrogen	NIS	Nitrogen PK.	
50	MC-	IRP-UCP-G-2204/2	IRP	UCP-G-2204	UCP-Nitrogen	NIS	Nitrogen PK.	
51	MC-	IRP-UCP-AC-2203A/1	IRP	UCP-AC-2203A	UCP-Air Comp.A	NIS	Air Comp.A	
52	MC-	IRP-UCP-AC-2203A/2	IRP	UCP-AC-2203A	UCP-Air Comp.A	NIS	Air Comp.A	
53	MC-	IRP-UCP-AC-2203B/1	IRP	UCP-AC-2203A	UCP-Air Comp.A	NIS	Air Comp.B	
54	MC-	IRP-UCP-AC-2203B/2	IRP	UCP-AC-2203A	UCP-Air Comp.A	NIS	Air Comp.B	

SECTION : IN-TR-A3 , DETAIL : C9
W : 5200 mm , H: 1000 mm , SPARE SPACE : 20%

SECTION : IN-DB-A1~3 , DETAIL : D8
W : 5200 mm , H: 850 mm , 3 * 19 PVC SLEEVE , SPARE SLEEVE :15

ITEM		Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	IC-	LIT-2291	LIT-2291 (TK-2209)	DCS	DCS	IS	Direct	
2	MC-	JBD-A-2101	JBD-A-2101	DCS	DCS	IS		
3	MC-	JBD-A-2102	JBD-A-2102	DCS	DCS	IS		
4	MC-	JBD-A-2103	JBD-A-2103	DCS	DCS	IS		
5	MC-	JBD-A-2104	JBD-A-2104	DCS	DCS	IS		
6	MC-	JBD-A-2105	JBD-A-2105	DCS	DCS	IS		
7	MC-	JBD-A-2106	JBD-A-2106	DCS	DCS	IS		
8	MC-	JBD-A-2107	JBD-A-2107	DCS	DCS	IS		
9	MC-	JBD-A-2108	JBD-A-2108	DCS	DCS	IS		
10	MC-	JBD-A-2111	JBD-A-2111	DCS	DCS	IS		
11	MC-	JBE-A-2101	JBE-A-2101	ESD	ESD	IS		
12	MC-	JBE-A-2102	JBE-A-2102	ESD	ESD	IS		
13	MC-	JBE-A-2103	JBE-A-2103	ESD	ESD	IS		
14	MC-	JBE-A-2104	JBE-A-2104	ESD	ESD	IS		
15	MC-	JBE-A-2105	JBE-A-2105	ESD	ESD	IS		
16	MC-	JBE-A-2106	JBE-A-2106	ESD	ESD	IS		
17	MC-	D-JBU-A-2131	D-JBU-A-2131	UCP-PK-2101	UCP-PK-2101	IS	Dehydration PK.	
18	MC-	D-JBU-A-2132	D-JBU-A-2132	UCP-PK-2101	UCP-PK-2101	IS	Dehydration PK.	
19	MC-	D-JBU-A-2133	D-JBU-A-2133	ESD/BMS-PK-2101	ESD/BMS-PK-2101	IS	Dehydration PK.	
20	MC-	D-JBU-A-2134	D-JBU-A-2134	ESD/BMS-PK-2101	ESD/BMS-PK-2101	IS	Dehydration PK.	
21	MC-	C-JBU-A-2101A	C-JBU-A-2101A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
22	MC-	C-JBU-A-2102A	C-JBU-A-2102A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
23	MC-	C-JBU-A-2103A	C-JBU-A-2103A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
24	MC-	C-JBU-A-2104A	C-JBU-A-2104A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
25	MC-	C-JBU-A-2105A	C-JBU-A-2105A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
26	MC-	C-JBU-A-2101B	C-JBU-A-2101B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
27	MC-	C-JBU-A-2102B	C-JBU-A-2102B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
28	MC-	C-JBU-A-2103B	C-JBU-A-2103B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
29	MC-	C-JBU-A-2104B	C-JBU-A-2104B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
30	MC-	C-JBU-A-2105B	C-JBU-A-2105B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
31	MC-	C-JBU-A-2101C	C-JBU-A-2101C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
32	MC-	C-JBU-A-2102C	C-JBU-A-2102C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
33	MC-	C-JBU-A-2103C	C-JBU-A-2103C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
34	MC-	C-JBU-A-2104C	C-JBU-A-2104C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
35	MC-	C-JBU-A-2105C	C-JBU-A-2105C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
36	MC-	JBD-D-2101	JBD-D-2101	DCS	DCS	NIS		
37	MC-	JBD-D-2102	JBD-D-2102	DCS	DCS	NIS		
38	MC-	JBD-D-2103	JBD-D-2103	DCS	DCS	NIS		
39	MC-	JBD-D-2104	JBD-D-2104	DCS	DCS	NIS		
40	MC-	JBD-D-2105	JBD-D-2105	DCS	DCS	NIS		
41	MC-	JBD-D-2106	JBD-D-2106	DCS	DCS	NIS		
42	MC-	JBD-S-2101	JBD-S-2101	DCS	DCS	NIS		
43	MC-	JBD-S-2102	JBD-S-2102	DCS	DCS	NIS		
44	MC-	JBD-S-2103	JBD-S-2103	DCS	DCS	NIS		
45	MC-	JBD-S-2104	JBD-S-2104	DCS	DCS	NIS		
46	MC-	JBE-D-2101	JBE-D-2101	ESD	ESD	NIS		
47	MC-	JBE-D-2102	JBE-D-2102	ESD	ESD	NIS		
48	MC-	JBE-D-2103	JBE-D-2103	ESD	ESD	NIS		
49	MC-	JBE-S-2102	JBE-S-2102	ESD	ESD	NIS		
50	MC-	JBE-S-2103	JBE-S-2103	ESD	ESD	NIS		
51	MC-	JBE-S-2104	JBE-S-2104	ESD	ESD	NIS		
52	MC-	JBE-S-2105	JBE-S-2105	ESD	ESD	NIS		
53	MC-	JBE-S-2106	JBE-S-2106	ESD	ESD	NIS		
54	MC-	JBF-A-2101	JBF-A-2101	FGS	FGS	NIS		
55	MC-	JBF-A-2102	JBF-A-2102	FGS	FGS	NIS		

SECTION : IN-TR-A3 , DETAIL : C9
W : 5200 mm , H: 1000 mm , SPARE SPACE : 20%

SECTION : IN-DB-A1~3 , DETAIL : D8
W : 5200 mm , H: 850 mm , 3 * 19 PVC SLEEVE , SPARE SLEEVE :15

56	MC-	JBF-A-2103	JBF-A-2103	FGS	FGS	NIS		
57	MC-	JBF-A-2104	JBF-A-2104	FGS	FGS	NIS		
58	MC-	JBF-A-2105	JBF-A-2105	FGS	FGS	NIS		
59	MC-	JBF-A-2106	JBF-A-2106	FGS	FGS	NIS		
60	MC-	JBF-A-2107	JBF-A-2107	FGS	FGS	NIS		
61	MC-	JBF-A-2108	JBF-A-2108	FGS	FGS	NIS		
62	MC-	JBF-A-2109	JBF-A-2109	FGS	FGS	NIS		
63	MC-	JBF-A-2110	JBF-A-2110	FGS	FGS	NIS		
64	MC-	JBF-A-2111	JBF-A-2111	FGS	FGS	NIS		
65	MC-	JBF-A-2112	JBF-A-2112	FGS	FGS	NIS		
66	MC-	JBF-D-2101	JBF-D-2101	FGS	FGS	NIS		
67	MC-	JBF-D-2102	JBF-D-2102	FGS	FGS	NIS		
68	MC-	JBF-D-2103	JBF-D-2103	FGS	FGS	NIS		
69	MC-	JBF-D-2104	JBF-D-2104	FGS	FGS	NIS		
70	MC-	JBF-D-2105	JBF-D-2105	FGS	FGS	NIS		
71	MC-	JBF-S-2101	JBF-S-2101	FGS	FGS	NIS		
72	MC-	JBF-D-HN-1001	JBF-D-HN-1001 (By vendor)	FGS	FGS	NIS		
73	MC-	JBF-D-HN-2001	JBF-D-HN-2001 (By vendor)	FGS	FGS	NIS		
74	MC-	JBF-D-HN-3001	JBF-D-HN-3001 (By vendor)	FGS	FGS	NIS		
75	MC-	JBF-D-HN-4001	JBF-D-HN-4001 (By vendor)	FGS	FGS	NIS		
76	MC-	JBF-D-HN-4002	JBF-D-HN-4002 (By vendor)	FGS	FGS	NIS		
77	MC-	JBF-D-HN-5001	JBF-D-HN-5001 (By vendor)	FGS	FGS	NIS		
78	MC-	JBF-D-HN-6001	JBF-D-HN-6001 (By vendor)	FGS	FGS	NIS		
79	MC-	JBF-D-HN-7001	JBF-D-HN-7001 (By vendor)	FGS	FGS	NIS		
80	MC-	D-JBU-S-2131	D-JBU-S-2131	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
81	MC-	D-JBU-D-2131	D-JBU-D-2131	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
82	MC-	D-JBU-D-2132	D-JBU-D-2132	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
83	MC-	D-JBU-D-2133	D-JBU-D-2133	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
84	MC-	LCP-PK-2101/1	ESD/BMS-PK-2101	LCP-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
85	MC-	LCP-PK-2101/2	ESD/BMS-PK-2101	LCP-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
86	MC-	C-JBU-S-2101A	C-JBU-S-2101A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
87	MC-	C-JBU-D-2101A	C-JBU-D-2101A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
88	MC-	C-JBU-D-2102A	C-JBU-D-2102A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
89	MC-	C-JBU-D-2103A	C-JBU-D-2103A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
90	MC-	LCP-2101A1	LCP-2101A1	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
91	MC-	LCP-2101A2	LCP-2101A2	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
92	MC-	LCP-2101A3	LCP-2101A3	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
93	MC-	LCP-2101A4	LCP-2101A4	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
94	MC-	LCP-2101A5	LCP-2101A5	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
95	MC-	C-JBU-D-2101B	C-JBU-D-2101B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
96	MC-	C-JBU-D-2102B	C-JBU-D-2102B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
97	MC-	C-JBU-D-2103B	C-JBU-D-2103B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
98	MC-	C-JBU-S-2101B	C-JBU-S-2101B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
99	MC-	LCP-2101B1	LCP-2101B1	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	

NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
BK-GCS-PEDCO-120-PI-PY-0001	UNIT PLOT PLAN DRAWING
BK-GCS-PEDCO-120-IN-DG-0008	INSTRUMENT & F&G JUNCTION BOX TERMINATION DIAGRAM
BK-GCS-PEDCO-120-IN-PY-0003	INSTRUMENT LOCATION LAYOUT

KEY PLAN

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D03	MAR.2025	AFC	P.Hajizadeghi	M.PAKHARIAN	S.PARAMARZEPOUR	**.**
D02	AUG.2023	AFC	P.Hajizadeghi	M.PAKHARIAN	A.M.MOHSENI	**.**
D01	JULY.2022	IFA	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**
D00	JAN.2022	IFC	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**

REV.	DESCRIPTION	BY	DATE	BY	DATE
***	**********	**.**	***.****	**.**	***.****
		CHECKED		REV. APPR.	

D03
TOTALLY REVISED

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PEDCO — PETROIRAN DEVELOPMENT COMPANY

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.

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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

(VENDOR TITLE BLOCK)**

DRAWING TITLE: INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
	A3	BK-GCS-PEDCO-120-IN-PY-0004	20 OF 24	D03

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION

SECTION : IN-TR-A3 , DETAIL : C9 W : 5200 mm , H: 1000 mm , SPARE SPACE : 20%								
SECTION : IN-DB-A1~3 , DETAIL : D8 W : 5200 mm , H: 850 mm , 3 * 19 PVC SLEEVE , SPARE SLEEVE :15								
100	MC-	LCP-2101B2	LCP-2101B2	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
101	MC-	LCP-2101B3	LCP-2101B3	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
102	MC-	LCP-2101B4	LCP-2101B4	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
103	MC-	LCP-2101B5	LCP-2101B5	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
104	MC-	C-JBU-D-2101C	C-JBU-D-2101C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
105	MC-	C-JBU-D-2102C	C-JBU-D-2102C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
106	MC-	C-JBU-D-2103C	C-JBU-D-2103C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
107	MC-	C-JBU-S-2101C	C-JBU-S-2101C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
108	MC-	LCP-2101C1	LCP-2101C1	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
109	MC-	LCP-2101C2	LCP-2101C2	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
110	MC-	LCP-2101C3	LCP-2101C3	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
111	MC-	LCP-2101C4	LCP-2101C4	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
112	MC-	LCP-2101C5	LCP-2101C5	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
113	MC-	LCP-PK-2207	LCP-PK-2207	DCS	DCS	NIS		
114	MC-	IRP-DCS 1	IRP	DCS	DCS	NIS		
115	MC-	IRP-DCS 2	IRP	DCS	DCS	NIS		
116	MC-	IRP-DCS 3	IRP	DCS	DCS	NIS		
117	MC-	IRP-DCS 4	IRP	DCS	DCS	NIS		
118	MC-	IRP-DCS 5	IRP	DCS	DCS	NIS		
119	MC-	IRP-DCS 6	IRP	DCS	DCS	NIS		
120	MC-	IRP-DCS 7	IRP	DCS	DCS	NIS		
121	MC-	IRP-DCS 8	IRP	DCS	DCS	NIS		
122	MC-	IRP-DCS 9	IRP	DCS	DCS	NIS		
123	MC-	IRP-DCS 10	IRP	DCS	DCS	NIS		
124	MC-	IRP-ESD 1	IRP	ESD	ESD	NIS		
125	MC-	IRP-ESD 2	IRP	ESD	ESD	NIS		
126	MC-	UPS-ESD	ESD	UPS CHARGER	ESD	NIS		
127	MC-	JBF-D-HN-9001	JBF-D-HN-9001 (By vendor)	FGS	FGS	NIS		
128	IC-	MAC-9001	MAC-9001	MAC-9001	FGS	NIS	Direct	
129	IC-	FD-8002	FD-8002	FD-8001	FGS	NIS	Direct	
130	MC-	JBF-A-2116	JBF-A-2116	FGS	FGS	NIS		
131	MC-	UPS-F&G	FGS	UPS	FGS	NIS		
132	MC-	HVAC-F&G	F&G	HAVC	FGS	NIS		
133	MC-	IRP-FGS 1	FGS	IRP	FGS	NIS		
134	MC-	IRP-FGS 2	FGS	IRP	FGS	NIS		
135	MC-	CO2-F&G	CO2-F&G	CO2 PACKAGE	FGS	NIS		
136	IC-	FACP-LOOP4	FACP	HN-1201	FGS	-		
137	IC-	FACP-LOOP5	FACP	SD-1203	FGS	-		
138	IC-	FACP-LOOP6	FACP	HN-1202	FGS	-		
139	MC-	IRP-UCP-GS-2101A1	IRP	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp. A	
140	MC-	IRP-UCP-GS-2101A2	IRP	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp. A	
141	MC-	IRP-UCP-GS-2101A3	IRP	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp. A	
142	MC-	IRP-UCP-GS-2101A4	IRP	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp. A	
143	MC-	IRP-UCP-GS-2101A5	IRP	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp. A	
144	MC-	IRP-UCP-GS-2101A6	IRP	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp. A	
145	MC-	IRP-UCP-GS-2101B1	IRP	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp. B	
146	MC-	IRP-UCP-GS-2101B2	IRP	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp. B	
147	MC-	IRP-UCP-GS-2101B3	IRP	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp. B	
148	MC-	IRP-UCP-GS-2101B4	IRP	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp. B	
149	MC-	IRP-UCP-GS-2101B5	IRP	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp. B	
150	MC-	IRP-UCP-GS-2101B6	IRP	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp. B	

SECTION : IN-TR-A3 , DETAIL : C9 W : 5200 mm , H: 1000 mm , SPARE SPACE : 20%								
SECTION : IN-DB-A1~3 , DETAIL : D8 W : 5200 mm , H: 850 mm , 3 * 19 PVC SLEEVE , SPARE SLEEVE :15								
151	MC-	IRP-UCP-GS-2101C1	IRP	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp. C	
152	MC-	IRP-UCP-GS-2101C2	IRP	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp. C	
153	MC-	IRP-UCP-GS-2101C3	IRP	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp. C	
154	MC-	IRP-UCP-GS-2101C4	IRP	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp. C	
155	MC-	IRP-UCP-GS-2101C5	IRP	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp. C	
156	MC-	IRP-UCP-GS-2101C6	IRP	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp. C	
157	MC-	IRP-ESD-PK-2101	IRP	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
158	MC-	IRP-UCP-PK-2101/1	IRP	UCP-PK-2101	UCP-PK-2101	NIS	Dehydration PK.	
159	MC-	IRP-UCP-PK-2101/2	IRP	UCP-PK-2101	UCP-PK-2101	NIS	Dehydration PK.	
160	MC-	IRP-UCP-PK-2101/3	IRP	UCP-PK-2101	UCP-PK-2101	NIS	Dehydration PK.	
161	MC-	IRP-UCP-PK-2101/4	IRP	UCP-PK-2101	UCP-PK-2101	NIS	Dehydration PK.	
162	MC-	IRP-UCP-G-2204/1	IRP	UCP-G-2204	UCP-Nitrogen	NIS	Nitrogen PK.	
163	MC-	IRP-UCP-G-2204/2	IRP	UCP-G-2204	UCP-Nitrogen	NIS	Nitrogen PK.	
164	MC-	IRP-UCP-AC-2203A/1	IRP	UCP-AC-2203A	UCP-Air Comp.A	NIS	Air Comp.A	
165	MC-	IRP-UCP-AC-2203A/2	IRP	UCP-AC-2203A	UCP-Air Comp.A	NIS	Air Comp.A	
166	MC-	IRP-UCP-AC-2203B/1	IRP	UCP-AC-2203A	UCP-Air Comp.A	NIS	Air Comp.B	
167	MC-	IRP-UCP-AC-2203B/2	IRP	UCP-AC-2203A	UCP-Air Comp.A	NIS	Air Comp.B	
168	MC-	MOV-2003	IC-MOV-2003	DCS	DCS	NIS	Direct	

SECTION : IN-TR-A2 , DETAIL : C6B W : 2900 mm , H: 1000 mm , SPARE SPACE : 20%								
ITEM		Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	IC-	LIT-2291	LIT-2291 (TK-2209)	DCS	DCS	IS	Direct	
2	MC-	JBD-A-2101	JBD-A-2101	DCS	DCS	IS		
3	MC-	JBD-A-2102	JBD-A-2102	DCS	DCS	IS		
4	MC-	JBD-A-2103	JBD-A-2103	DCS	DCS	IS		
5	MC-	JBD-A-2104	JBD-A-2104	DCS	DCS	IS		
6	MC-	JBD-A-2105	JBD-A-2105	DCS	DCS	IS		
7	MC-	JBD-A-2106	JBD-A-2106	DCS	DCS	IS		
8	MC-	JBD-A-2107	JBD-A-2107	DCS	DCS	IS		
9	MC-	JBD-A-2108	JBD-A-2108	DCS	DCS	IS		
10	MC-	JBD-A-2111	JBD-A-2111	DCS	DCS	IS		
11	MC-	JBE-A-2101	JBE-A-2101	ESD	ESD	IS		
12	MC-	JBE-A-2102	JBE-A-2102	ESD	ESD	IS		
13	MC-	JBE-A-2103	JBE-A-2103	ESD	ESD	IS		
14	MC-	JBE-A-2104	JBE-A-2104	ESD	ESD	IS		
15	MC-	JBE-A-2105	JBE-A-2105	ESD	ESD	IS		
16	MC-	JBE-A-2106	JBE-A-2106	ESD	ESD	IS		
17	MC-	D-JBU-A-2131	D-JBU-A-2131	UCP-PK-2101	UCP-PK-2101	IS	Dehydration PK.	
18	MC-	D-JBU-A-2132	D-JBU-A-2132	UCP-PK-2101	UCP-PK-2101	IS	Dehydration PK.	
19	MC-	D-JBU-A-2133	D-JBU-A-2133	ESD/BMS-PK-2101	ESD/BMS-PK-2101	IS	Dehydration PK.	
20	MC-	D-JBU-A-2134	D-JBU-A-2134	ESD/BMS-PK-2101	ESD/BMS-PK-2101	IS	Dehydration PK.	
21	MC-	C-JBU-A-2101A	C-JBU-A-2101A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
22	MC-	C-JBU-A-2102A	C-JBU-A-2102A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
23	MC-	C-JBU-A-2103A	C-JBU-A-2103A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
24	MC-	C-JBU-A-2104A	C-JBU-A-2104A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
25	MC-	C-JBU-A-2105A	C-JBU-A-2105A	UCP-GC-2101A	UCP-GC-2101A	IS	Gas Comp.A	
26	MC-	C-JBU-A-2101B	C-JBU-A-2101B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
27	MC-	C-JBU-A-2102B	C-JBU-A-2102B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
28	MC-	C-JBU-A-2103B	C-JBU-A-2103B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
29	MC-	C-JBU-A-2104B	C-JBU-A-2104B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
30	MC-	C-JBU-A-2105B	C-JBU-A-2105B	UCP-GC-2101B	UCP-GC-2101B	IS	Gas Comp.B	
31	MC-	C-JBU-A-2101C	C-JBU-A-2101C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
32	MC-	C-JBU-A-2102C	C-JBU-A-2102C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
33	MC-	C-JBU-A-2103C	C-JBU-A-2103C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
34	MC-	C-JBU-A-2104C	C-JBU-A-2104C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
35	MC-	C-JBU-A-2105C	C-JBU-A-2105C	UCP-GC-2101C	UCP-GC-2101C	IS	Gas Comp.C	
36	MC-	IRP-DCS 1	IRP	DCS	DCS	NIS		
37	MC-	IRP-DCS 2	IRP	DCS	DCS	NIS		
38	MC-	IRP-DCS 3	IRP	DCS	DCS	NIS		
39	MC-	IRP-DCS 4	IRP	DCS	DCS	NIS		

NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
BK-GCS-PEDCO-120-PI-PY-0001	UNIT PLOT PLAN DRAWING
BK-GCS-PEDCO-120-IN-DG-0008	INSTRUMENT & F&G JUNCTION BOX TERMINATION DIAGRAM
BK-GCS-PEDCO-120-IN-PY-0003	INSTRUMENT LOCATION LAYOUT

KEY PLAN

D03

TOTALLY REVISED

D03	MAR.2025	AFC	P.Hajisadeghi	M.FAKHARIAN	S.FARAMARZPOUR	**.**
D02	AUG.2023	AFC	P.Hajisadeghi	M.FAKHARIAN	A.M.MOHSENI	**.**
D01	JULY.2022	IFA	P.Hajisadeghi	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	JAN.2022	IFC	P.Hajisadeghi	M.FAKHARIAN	M.MEHRSHAD	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

***	**********	**.**	***.****	**.**	***.****
REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PEDCO PETROIRAN DEVELOPMENT COMPANY

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

(VENDOR TITLE BLOCK)**

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
	A3	BK-GCS-PEDCO-120-IN-PY-0004	21 OF 24	D03

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION

SECTION : IN-TR-A2 , DETAIL : C6B
W : 2900 mm , H: 1000 mm , SPARE SPACE : 20%

40	MC-	IRP-DCS 5	IRP	DCS	DCS	NIS		
41	MC-	IRP-DCS 6	IRP	DCS	DCS	NIS		
42	MC-	IRP-DCS 7	IRP	DCS	DCS	NIS		
43	MC-	IRP-DCS 8	IRP	DCS	DCS	NIS		
44	MC-	IRP-DCS 9	IRP	DCS	DCS	NIS		
45	MC-	IRP-DCS 10	IRP	DCS	DCS	NIS		
46	MC-	IRP-ESD 1	IRP	ESD	ESD	NIS		
47	MC-	IRP-ESD 2	IRP	ESD	ESD	NIS		
48	MC-	UPS-ESD	ESD	UPS CHARGER	ESD	NIS		
49	MC-	JBF-D-HN-9001	JBF-D-HN-9001 (By vendor)	FGS	FGS	NIS		
50	IC-	MAC-9001	MAC-9001	MAC-9001	FGS	NIS	Direct	
51	IC-	FD-9002	FD-9002	FD-9001	FGS	NIS	Direct	
52	MC-	JBF-A-2116	JBF-A-2116	FGS	FGS	NIS		
53	MC-	UPS-F&G	FGS	UPS	FGS	NIS		
54	MC-	HVAC-F&G	F&G	HAVC	FGS	NIS		
55	MC-	IRP-FGS 1	FGS	IRP	FGS	NIS		
56	MC-	IRP-FGS 2	FGS	IRP	FGS	NIS		
57	MC-	CO2-F&G	CO2-F&G	CO2 PACKAGE	FGS	NIS		
58	IC-	FACP-LOOP4	FACP	HN-1201	FGS	-		
59	IC-	FACP-LOOP5	FACP	SD-1203	FGS	-		
60	IC-	FACP-LOOP6	FACP	HN-1202	FGS	-		
61	MC-	IRP-UCP-GS-2101A1	IRP	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp. A	
62	MC-	IRP-UCP-GS-2101A2	IRP	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp. A	
63	MC-	IRP-UCP-GS-2101A3	IRP	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp. A	
64	MC-	IRP-UCP-GS-2101A4	IRP	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp. A	
65	MC-	IRP-UCP-GS-2101A5	IRP	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp. A	
66	MC-	IRP-UCP-GS-2101A6	IRP	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp. A	
67	MC-	IRP-UCP-GS-2101B1	IRP	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp. B	
68	MC-	IRP-UCP-GS-2101B2	IRP	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp. B	
69	MC-	IRP-UCP-GS-2101B3	IRP	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp. B	
70	MC-	IRP-UCP-GS-2101B4	IRP	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp. B	
71	MC-	IRP-UCP-GS-2101B5	IRP	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp. B	
72	MC-	IRP-UCP-GS-2101B6	IRP	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp. B	
73	MC-	IRP-UCP-GS-2101C1	IRP	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp. C	
74	MC-	IRP-UCP-GS-2101C2	IRP	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp. C	
75	MC-	IRP-UCP-GS-2101C3	IRP	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp. C	
76	MC-	IRP-UCP-GS-2101C4	IRP	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp. C	
77	MC-	IRP-UCP-GS-2101C5	IRP	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp. C	
78	MC-	IRP-UCP-GS-2101C6	IRP	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp. C	
79	MC-	IRP-ESD-PK-2101	IRP	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
80	MC-	IRP-UCP-PK-2101/1	IRP	UCP-PK-2101	UCP-PK-2101	NIS	Dehydration PK.	
81	MC-	IRP-UCP-PK-2101/2	IRP	UCP-PK-2101	UCP-PK-2101	NIS	Dehydration PK.	
82	MC-	IRP-UCP-PK-2101/3	IRP	UCP-PK-2101	UCP-PK-2101	NIS	Dehydration PK.	
83	MC-	IRP-UCP-PK-2101/4	IRP	UCP-PK-2101	UCP-PK-2101	NIS	Dehydration PK.	
84	MC-	IRP-UCP-G-2204/1	IRP	UCP-G-2204	UCP-Nitrogen	NIS	Nitrogen PK.	
85	MC-	IRP-UCP-G-2204/2	IRP	UCP-G-2204	UCP-Nitrogen	NIS	Nitrogen PK.	
86	MC-	IRP-UCP-AC-2203A/1	IRP	UCP-AC-2203A	UCP-Air Comp.A	NIS	Air Comp.A	
87	MC-	IRP-UCP-AC-2203A/2	IRP	UCP-AC-2203A	UCP-Air Comp.A	NIS	Air Comp.A	
88	MC-	IRP-UCP-AC-2203B/1	IRP	UCP-AC-2203A	UCP-Air Comp.A	NIS	Air Comp.B	
89	MC-	IRP-UCP-AC-2203B/2	IRP	UCP-AC-2203A	UCP-Air Comp.A	NIS	Air Comp.B	

SECTION : IN-TR-A1 , DETAIL : C5A
W : 2200 mm , H: 1000 mm , SPARE SPACE : 20%

ITEM		Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC-	JBD-D-2101	JBD-D-2101	DCS	DCS	NIS		
2	MC-	JBD-D-2102	JBD-D-2102	DCS	DCS	NIS		
3	MC-	JBD-D-2103	JBD-D-2103	DCS	DCS	NIS		
4	MC-	JBD-D-2104	JBD-D-2104	DCS	DCS	NIS		
5	MC-	JBD-D-2105	JBD-D-2105	DCS	DCS	NIS		
6	MC-	JBD-D-2106	JBD-D-2106	DCS	DCS	NIS		
7	MC-	JBD-S-2101	JBD-S-2101	DCS	DCS	NIS		
8	MC-	JBD-S-2102	JBD-S-2102	DCS	DCS	NIS		
9	MC-	JBD-S-2103	JBD-S-2103	DCS	DCS	NIS		
10	MC-	JBD-S-2104	JBD-S-2104	DCS	DCS	NIS		
11	MC-	JBE-D-2101	JBE-D-2101	ESD	ESD	NIS		
12	MC-	JBE-D-2102	JBE-D-2102	ESD	ESD	NIS		
13	MC-	JBE-D-2103	JBE-D-2103	ESD	ESD	NIS		
14	MC-	JBE-S-2102	JBE-S-2102	ESD	ESD	NIS		
15	MC-	JBE-S-2103	JBE-S-2103	ESD	ESD	NIS		
16	MC-	JBE-S-2104	JBE-S-2104	ESD	ESD	NIS		
17	MC-	JBE-S-2105	JBE-S-2105	ESD	ESD	NIS		
18	MC-	JBE-S-2106	JBE-S-2106	ESD	ESD	NIS		
19	MC-	JBF-A-2101	JBF-A-2101	FGS	FGS	NIS		
20	MC-	JBF-A-2102	JBF-A-2102	FGS	FGS	NIS		
21	MC-	JBF-A-2103	JBF-A-2103	FGS	FGS	NIS		
22	MC-	JBF-A-2104	JBF-A-2104	FGS	FGS	NIS		
23	MC-	JBF-A-2105	JBF-A-2105	FGS	FGS	NIS		
24	MC-	JBF-A-2106	JBF-A-2106	FGS	FGS	NIS		
25	MC-	JBF-A-2107	JBF-A-2107	FGS	FGS	NIS		
26	MC-	JBF-A-2108	JBF-A-2108	FGS	FGS	NIS		
27	MC-	JBF-A-2109	JBF-A-2109	FGS	FGS	NIS		
28	MC-	JBF-A-2110	JBF-A-2110	FGS	FGS	NIS		
29	MC-	JBF-A-2111	JBF-A-2111	FGS	FGS	NIS		
30	MC-	JBF-A-2112	JBF-A-2112	FGS	FGS	NIS		
31	MC-	JBF-D-2101	JBF-D-2101	FGS	FGS	NIS		
32	MC-	JBF-D-2102	JBF-D-2102	FGS	FGS	NIS		
33	MC-	JBF-D-2103	JBF-D-2103	FGS	FGS	NIS		
34	MC-	JBF-D-2104	JBF-D-2104	FGS	FGS	NIS		
35	MC-	JBF-D-2105	JBF-D-2105	FGS	FGS	NIS		
36	MC-	JBF-S-2101	JBF-S-2101	FGS	FGS	NIS		
37	MC-	JBF-D-HN-1001	JBF-D-HN-1001 (By vendor)	FGS	FGS	NIS		
38	MC-	JBF-D-HN-2001	JBF-D-HN-2001 (By vendor)	FGS	FGS	NIS		
39	MC-	JBF-D-HN-3001	JBF-D-HN-3001 (By vendor)	FGS	FGS	NIS		
40	MC-	JBF-D-HN-4001	JBF-D-HN-4001 (By vendor)	FGS	FGS	NIS		
41	MC-	JBF-D-HN-4002	JBF-D-HN-4002 (By vendor)	FGS	FGS	NIS		
42	MC-	JBF-D-HN-5001	JBF-D-HN-5001 (By vendor)	FGS	FGS	NIS		
43	MC-	JBF-D-HN-6001	JBF-D-HN-6001 (By vendor)	FGS	FGS	NIS		
44	MC-	JBF-D-HN-7001	JBF-D-HN-7001 (By vendor)	FGS	FGS	NIS		
45	MC-	D-JBU-S-2131	D-JBU-S-2131	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
46	MC-	D-JBU-D-2131	D-JBU-D-2131	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
47	MC-	D-JBU-D-2132	D-JBU-D-2132	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
48	MC-	D-JBU-D-2133	D-JBU-D-2133	ESD/BMS-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
49	MC-	LCP-PK-2101/1	ESD/BMS-PK-2101	LCP-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
50	MC-	LCP-PK-2101/2	ESD/BMS-PK-2101	LCP-PK-2101	ESD/BMS-PK-2101	NIS	Dehydration PK.	
51	MC-	C-JBU-S-2101A	C-JBU-S-2101A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
52	MC-	C-JBU-D-2101A	C-JBU-D-2101A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
53	MC-	C-JBU-D-2102A	C-JBU-D-2102A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
54	MC-	C-JBU-D-2103A	C-JBU-D-2103A	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
55	MC-	LCP-2101A1	LCP-2101A1	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	

SECTION : IN-TR-A1 , DETAIL : C5A
W : 2200 mm , H: 1000 mm , SPARE SPACE : 20%

56	MC-	LCP-2101A2	LCP-2101A2	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
57	MC-	LCP-2101A3	LCP-2101A3	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
58	MC-	LCP-2101A4	LCP-2101A4	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
59	MC-	LCP-2101A5	LCP-2101A5	UCP-GC-2101A	UCP-GC-2101A	NIS	Gas Comp.A	
60	MC-	C-JBU-D-2101B	C-JBU-D-2101B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
61	MC-	C-JBU-D-2102B	C-JBU-D-2102B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
62	MC-	C-JBU-D-2103B	C-JBU-D-2103B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
63	MC-	C-JBU-S-2101B	C-JBU-S-2101B	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
64	MC-	LCP-2101B1	LCP-2101B1	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
65	MC-	LCP-2101B2	LCP-2101B2	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
66	MC-	LCP-2101B3	LCP-2101B3	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
67	MC-	LCP-2101B4	LCP-2101B4	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
68	MC-	LCP-2101B5	LCP-2101B5	UCP-GC-2101B	UCP-GC-2101B	NIS	Gas Comp.B	
69	MC-	C-JBU-D-2101C	C-JBU-D-2101C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
70	MC-	C-JBU-D-2102C	C-JBU-D-2102C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
71	MC-	C-JBU-D-2103C	C-JBU-D-2103C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
72	MC-	C-JBU-S-2101C	C-JBU-S-2101C	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
73	MC-	LCP-2101C1	LCP-2101C1	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
74	MC-	LCP-2101C2	LCP-2101C2	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
75	MC-	LCP-2101C3	LCP-2101C3	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
76	MC-	LCP-2101C4	LCP-2101C4	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
77	MC-	LCP-2101C5	LCP-2101C5	UCP-GC-2101C	UCP-GC-2101C	NIS	Gas Comp.C	
78	MC-	LCP-PK-2207	LCP-PK-2207	DCS	DCS	NIS		
79	MC-	MOV-2003	IC-MOV-2003	DCS	DCS	NIS	Direct	

NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
BK-GCS-PEDCO-120-PI-PY-0001	UNIT PLOT PLAN DRAWING
BK-GCS-PEDCO-120-IN-DG-0008	INSTRUMENT & F&G JUNCTION BOX TERMINATION DIAGRAM
BK-GCS-PEDCO-120-IN-PY-0003	INSTRUMENT LOCATION LAYOUT

KEY PLAN

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D03	MAR.2025	APC	P.Hajizadeghi	M.PAKHARIAN	S.PARAMARZPOUR	** **
D02	AUG.2023	APC	P.Hajizadeghi	M.PAKHARIAN	A.M.MOHSENI	** **
D01	JULY.2022	IFA	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	** **
D00	JAN.2022	IFC	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	** **

REV.	DESCRIPTION	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE
***	**********	**.**	***.****	**.**	***.****

D03
TOTALLY REVISED

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PEDCO — PETROIRAN DEVELOPMENT COMPANY

(VENDOR TITLE BLOCK)**

DRAWING TITLE: INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
	A3	BK-GCS-PEDCO-120-IN-PY-0004	22 OF 24	D03

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

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

SECTION : IN-DB-D7~D11 , DETAIL : D1
W : 575 mm , H: 625 mm , 2*2 PVC SLEEVE , SPARE SLEEVE : 3

SECTION : IN-TR-D15 , DETAIL : B1A
W : 500 mm , H: 1000 mm , SPARE SPACE : >50%

ITEM		Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC-	FACP-LOOP7	CCTV ROOM	FACP	FACP	-		
2	MC-	FACP-LOOP8	Guard House	FACP	FACP	-		

SECTION : IN-TR-D12 , DETAIL : B1A
W : 500 mm , H: 1000 mm, SPARE SPACE : >20%

ITEM		Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	IC-	TI-2261A	Flare	Local Panel (by vendor) IG-2201	DCS	IS	by vendor (Flare)	
2	MC-	TI-2261B	Flare	Local Panel (by vendor) IG-2201	DCS	IS	by vendor (Flare)	
3	MC-	TI-2261C	Flare	Local Panel (by vendor) IG-2201	DCS	IS	by vendor (Flare)	

SECTION : IN-DB-D22 , DETAIL : D1
W : 575 mm , H: 625 mm , 2*2 PVC SLEEVE , SPARE SLEEVE : 3

SECTION : IN-TR-D11 , DETAIL : B1B
W : 500 mm , H: 1000 mm, SPARE SPACE : >20%

ITEM		Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC-	LCP-IG-2201/1	LCP-IG-2201	DCS	DCS	IS		
2	MC-	LCP-IG-2201/2	LCP-IG-2201	DCS	DCS	NIS		
3	IC-	ESDR 1-FLR	LCP-IG-2201	ESD	ESD	NIS		

SECTION : IN-TR-D9 , DETAIL : C2B
W : 1000 mm , H: 1000 mm , SPARE SPACE : >20%

ITEM		Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC-	JBD-A-2109	JBD-A-2109	DCS	DCS	IS		Sleeve 21
2	MC-	JBE-A-2107	JBE-A-2107	ESD	ESD	IS		Sleeve 21
3	MC-	N-JBU-A-2201	N-JBU-A-2201	UCP-G-2204	UCP-Nitrogen	IS		Sleeve 20
4	MC-	N-JBU-A-2202	N-JBU-A-2202	UCP-G-2204	UCP-Nitrogen	IS		Sleeve 20
5	MC-	A-JBU-A-2231A	A-JBU-A-2231A	UCP-AC-2203A	UCP-Air Comp.A	IS		Sleeve 21
6	MC-	A-JBU-A-2232A	A-JBU-A-2232A	UCP-AC-2203A	UCP-Air Comp.A	IS		Sleeve 21
7	MC-	A-JBU-A-2231B	A-JBU-A-2231B	UCP-AC-2203B	UCP-Air Comp.B	IS		Sleeve 21
8	MC-	A-JBU-A-2232B	A-JBU-A-2232B	UCP-AC-2203B	UCP-Air Comp.B	IS		Sleeve 21
9	MC-	N-JBU-D-2201	N-JBU-D-2201	UCP-G-2204	UCP-Nitrogen	NIS		Sleeve 20
10	MC-	N-JBU-D-2202	N-JBU-D-2202	UCP-G-2204	UCP-Nitrogen	NIS		Sleeve 20
11	MC-	N-JBU-S-2201	N-JBU-S-2201	UCP-G-2204	UCP-Nitrogen	NIS		Sleeve 20
12	MC-	LCP-G-2204	LCP-G-2204	UCP-G-2204	UCP-Nitrogen	NIS		Sleeve 20
13	MC-	A-JBU-D-2231A	A-JBU-D-2231A	UCP-AC-2203A	UCP-Air Comp.A	NIS		Sleeve 21
14	MC-	A-JBU-D-2232A	A-JBU-D-2232A	UCP-AC-2203A	UCP-Air Comp.A	NIS		Sleeve 21
15	MC-	A-JBU-S-2231A	A-JBU-S-2231A	UCP-AC-2203A	UCP-Air Comp.A	NIS		Sleeve 21
16	MC-	LCP-AC-2203A	LCP-AC-2203A	UCP-AC-2203A	UCP-Air Comp.A	NIS		Sleeve 21
17	MC-	A-JBU-D-2231B	A-JBU-D-2231B	UCP-AC-2203B	UCP-Air Comp.B	NIS		Sleeve 21
18	MC-	A-JBU-D-2232B	A-JBU-D-2232B	UCP-AC-2203B	UCP-Air Comp.B	NIS		Sleeve 21
19	MC-	A-JBU-S-2231B	A-JBU-S-2231B	UCP-AC-2203B	UCP-Air Comp.B	NIS		Sleeve 21
20	MC-	LCP-AC-2203B	LCP-AC-2203B	UCP-AC-2203B	UCP-Air Comp.B	NIS		Sleeve 21
21	IC-	PSOV-2301	PSOV-2301	DCS	DCS	NIS		Sleeve 21

SECTION : IN-TR-D8 , DETAIL : B3B
W : 1500 mm , H: 1000 mm , SPARE SPACE : >20%

SECTION : IN-DB-D20 , DETAIL : D3
W : 1475 mm , H: 625 mm , 2*6 PVC SLEEVE , SPARE SLEEVE : 3

ITEM		Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC-	LCP-IG-2201/1	LCP-IG-2201	DCS	DCS	IS		
2	MC-	JBD-A-2109	JBD-A-2109	DCS	DCS	IS		
3	MC-	JBE-A-2107	JBE-A-2107	ESD	ESD	IS		
4	MC-	N-JBU-A-2201	N-JBU-A-2201	UCP-G-2204	UCP-Nitrogen	IS		
5	MC-	N-JBU-A-2202	N-JBU-A-2202	UCP-G-2204	UCP-Nitrogen	IS		
6	MC-	A-JBU-A-2231A	A-JBU-A-2231A	UCP-AC-2203A	UCP-Air Comp.A	IS		
7	MC-	A-JBU-A-2232A	A-JBU-A-2232A	UCP-AC-2203A	UCP-Air Comp.A	IS		
8	MC-	A-JBU-A-2231B	A-JBU-A-2231B	UCP-AC-2203B	UCP-Air Comp.B	IS		
9	MC-	A-JBU-A-2232B	A-JBU-A-2232B	UCP-AC-2203B	UCP-Air Comp.B	IS		
10	MC-	N-JBU-D-2201	N-JBU-D-2201	UCP-G-2204	UCP-Nitrogen	NIS		
11	MC-	N-JBU-D-2202	N-JBU-D-2202	UCP-G-2204	UCP-Nitrogen	NIS		
12	MC-	N-JBU-S-2201	N-JBU-S-2201	UCP-G-2204	UCP-Nitrogen	NIS		
13	MC-	LCP-G-2204	LCP-G-2204	UCP-G-2204	UCP-Nitrogen	NIS		
14	MC-	A-JBU-D-2231A	A-JBU-D-2231A	UCP-AC-2203A	UCP-Air Comp.A	NIS		
15	MC-	A-JBU-D-2232A	A-JBU-D-2232A	UCP-AC-2203A	UCP-Air Comp.A	NIS		
16	MC-	A-JBU-S-2231A	A-JBU-S-2231A	UCP-AC-2203A	UCP-Air Comp.A	NIS		
17	MC-	LCP-AC-2203A	LCP-AC-2203A	UCP-AC-2203A	UCP-Air Comp.A	NIS		
18	MC-	A-JBU-D-2231B	A-JBU-D-2231B	UCP-AC-2203B	UCP-Air Comp.B	NIS		
19	MC-	A-JBU-D-2232B	A-JBU-D-2232B	UCP-AC-2203B	UCP-Air Comp.B	NIS		
20	MC-	A-JBU-S-2231B	A-JBU-S-2231B	UCP-AC-2203B	UCP-Air Comp.B	NIS		
21	MC-	LCP-AC-2203B	LCP-AC-2203B	UCP-AC-2203B	UCP-Air Comp.B	NIS		
22	IC-	PSOV-2301	PSOV-2301	DCS	DCS	NIS		
23	MC-	LCP-IG-2201/2	LCP-IG-2201	DCS	DCS	NIS		
24	IC-	MAC-8003	MAC-8003	JBF-D-2106	FGS	NIS		
25	IC-	ESDR 1-FLR	LCP-IG-2201	ESD	ESD	NIS	Direct	

SECTION : IN-TR-D6 , DETAIL : B1A
W : 500 mm , H: 1000 mm , SPARE SPACE : >50%

ITEM		Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC-	LCP-P-2301B	LCP-P-2301B	FGS	FGS	NIS		Sleeve 23

SECTION : IN-TR-D5 , DETAIL : B1A
W : 500 mm , H: 1000 mm , SPARE SPACE : >50%

ITEM		Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC-	LCP-P-2302A	LCP-P-2302A	FGS	FGS	NIS		Sleeve 22
2	MC-	LCP-P-2302B	LCP-P-2302B	FGS	FGS	NIS		Sleeve 22

SECTION : IN-DB-D18 , DETAIL : D2
W : 800 mm , H: 625 mm , 2*3 PVC SLEEVE , SPARE SLEEVE : 3

SECTION : IN-TR-D4 , DETAIL : B2A
W : 1000 mm , H: 1000 mm , SPARE SPACE : >50%

ITEM		Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC-	LCP-P-2301B	LCP-P-2301B	FGS	FGS	NIS		
2	MC-	LCP-P-2302A	LCP-P-2302A	FGS	FGS	NIS		
3	MC-	LCP-P-2302B	LCP-P-2302B	FGS	FGS	NIS		
4	MC-	JBF-D-HN-8001	JBF-D-HN-8001 (By vendor)	FGS	FGS	NIS		
5	IC-	FD-8001	FD-8001	FGS	FGS	NIS	Direct	

SECTION : IN-TR-D3 , DETAIL : B3B
W : 1500 mm , H: 1000 mm , SPARE SPACE : >20%

ITEM		Cable No.	From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC-	LCP-IG-2201/1	LCP-IG-2201	DCS	DCS	IS		
2	MC-	JBD-A-2109	JBD-A-2109	DCS	DCS	IS		
3	MC-	JBE-A-2107	JBE-A-2107	ESD	ESD	IS		
4	MC-	N-JBU-A-2201	N-JBU-A-2201	UCP-G-2204	UCP-Nitrogen	IS		
5	MC-	N-JBU-A-2202	N-JBU-A-2202	UCP-G-2204	UCP-Nitrogen	IS		
6	MC-	A-JBU-A-2231A	A-JBU-A-2231A	UCP-AC-2203A	UCP-Air Comp.A	IS		
7	MC-	A-JBU-A-2232A	A-JBU-A-2232A	UCP-AC-2203A	UCP-Air Comp.A	IS		
8	MC-	A-JBU-A-2231B	A-JBU-A-2231B	UCP-AC-2203B	UCP-Air Comp.B	IS		
9	MC-	A-JBU-A-2232B	A-JBU-A-2232B	UCP-AC-2203B	UCP-Air Comp.B	IS		
10	MC-	N-JBU-D-2201	N-JBU-D-2201	UCP-G-2204	UCP-Nitrogen	NIS		
11	MC-	N-JBU-D-2202	N-JBU-D-2202	UCP-G-2204	UCP-Nitrogen	NIS		
12	MC-	N-JBU-S-2201	N-JBU-S-2201	UCP-G-2204	UCP-Nitrogen	NIS		
13	MC-	LCP-G-2204	LCP-G-2204	UCP-G-2204	UCP-Nitrogen	NIS		
14	MC-	A-JBU-D-2231A	A-JBU-D-2231A	UCP-AC-2203A	UCP-Air Comp.A	NIS		
15	MC-	A-JBU-D-2232A	A-JBU-D-2232A	UCP-AC-2203A	UCP-Air Comp.A	NIS		
16	MC-	A-JBU-S-2231A	A-JBU-S-2231A	UCP-AC-2203A	UCP-Air Comp.A	NIS		
17	MC-	LCP-AC-2203A	LCP-AC-2203A	UCP-AC-2203A	UCP-Air Comp.A	NIS		
18	MC-	A-JBU-D-2231B	A-JBU-D-2231B	UCP-AC-2203B	UCP-Air Comp.B	NIS		
19	MC-	A-JBU-D-2232B	A-JBU-D-2232B	UCP-AC-2203B	UCP-Air Comp.B	NIS		
20	MC-	A-JBU-S-2231B	A-JBU-S-2231B	UCP-AC-2203B	UCP-Air Comp.B	NIS		
21	MC-	LCP-AC-2203B	LCP-AC-2203B	UCP-AC-2203B	UCP-Air Comp.B	NIS		
22	IC-	PSOV-2301	PSOV-2301	DCS	DCS	NIS		
23	MC-	LCP-IG-2201/2	LCP-IG-2201	DCS	DCS	NIS		
24	IC-	MAC-8003	MAC-8003	JBF-D-2106	FGS	NIS		
25	MC-	LCP-P-2301B	LCP-P-2301B	FGS	FGS	NIS		
26	MC-	LCP-P-2302A	LCP-P-2302A	FGS	FGS	NIS		
27	MC-	LCP-P-2302B	LCP-P-2302B	FGS	FGS	NIS		
28	MC-	JBF-D-HN-8001	JBF-D-HN-8001 (By vendor)	FGS	FGS	NIS		
29	IC-	FD-8001	FD-8001	FGS	FGS	NIS	Direct	
30	IC-	ESDR 1-FLR	LCP-IG-2201	ESD	ESD	NIS	Direct	

NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
BK-GCS-PEDCO-120-PI-PY-0001	UNIT PLOT PLAN DRAWING
BK-GCS-PEDCO-120-IN-DG-0008	INSTRUMENT & F&G JUNCTION BOX TERMINATION DIAGRAM
BK-GCS-PEDCO-120-IN-PY-0003	INSTRUMENT LOCATION LAYOUT

KEY PLAN

D03
TOTALLY REVISED

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D03	MAR.2025	AFC	P.Hajizadeghi	M.PAKHARIAN	S.PARAMARIZPOUR	**.**
D02	AUG.2023	AFC	P.Hajizadeghi	M.PAKHARIAN	A.M.MOHSENI	**.**
D01	JULY.2022	IFA	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**
D00	JAN.2022	IFC	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**

REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

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EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

(VENDOR TITLE BLOCK)**

DRAWING TITLE: INSTRUMENT/P&G CABLE TRENCH/ROUTE LAYOUT DRAWING

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
	A3	BK-GCS-PEDCO-120-IN-PY-0004	23 OF 24	D03

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION

SECTION : IN-DB-D17 , DETAIL : D3
W : 1475 mm , H: 625 mm, 2*6 PVC SLEEVE , SPARE SLEEVE : 3

ITEM	Cable No.		From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC-	LCP-IG-2201/1	LCP-IG-2201	DCS	DCS	IS		
2	MC-	JBD-A-2109	JBD-A-2109	DCS	DCS	IS		
3	MC-	JBE-A-2107	JBE-A-2107	ESD	ESD	IS		
4	MC-	N-JBU-A-2201	N-JBU-A-2201	UCP-G-2204	UCP-Nitrogen	IS		
5	MC-	N-JBU-A-2202	N-JBU-A-2202	UCP-G-2204	UCP-Nitrogen	IS		
6	MC-	A-JBU-A-2231A	A-JBU-A-2231A	UCP-AC-2203A	UCP-Air Comp.A	IS		
7	MC-	A-JBU-A-2232A	A-JBU-A-2232A	UCP-AC-2203A	UCP-Air Comp.A	IS		
8	MC-	A-JBU-A-2231B	A-JBU-A-2231B	UCP-AC-2203B	UCP-Air Comp.B	IS		
9	MC-	A-JBU-A-2232B	A-JBU-A-2232B	UCP-AC-2203B	UCP-Air Comp.B	IS		
10	MC-	N-JBU-D-2201	N-JBU-D-2201	UCP-G-2204	UCP-Nitrogen	NIS		
11	MC-	N-JBU-D-2202	N-JBU-D-2202	UCP-G-2204	UCP-Nitrogen	NIS		
12	MC-	N-JBU-S-2201	N-JBU-S-2201	UCP-G-2204	UCP-Nitrogen	NIS		
13	MC-	LCP-G-2204	LCP-G-2204	UCP-G-2204	UCP-Nitrogen	NIS		
14	MC-	A-JBU-D-2231A	A-JBU-D-2231A	UCP-AC-2203A	UCP-Air Comp.A	NIS		
15	MC-	A-JBU-D-2232A	A-JBU-D-2232A	UCP-AC-2203A	UCP-Air Comp.A	NIS		
16	MC-	A-JBU-S-2231A	A-JBU-S-2231A	UCP-AC-2203A	UCP-Air Comp.A	NIS		
17	MC-	LCP-AC-2203A	LCP-AC-2203A	UCP-AC-2203A	UCP-Air Comp.A	NIS		
18	MC-	A-JBU-D-2231B	A-JBU-D-2231B	UCP-AC-2203B	UCP-Air Comp.B	NIS		
19	MC-	A-JBU-D-2232B	A-JBU-D-2232B	UCP-AC-2203B	UCP-Air Comp.B	NIS		
20	MC-	A-JBU-S-2231B	A-JBU-S-2231B	UCP-AC-2203B	UCP-Air Comp.B	NIS		
21	MC-	LCP-AC-2203B	LCP-AC-2203B	UCP-AC-2203B	UCP-Air Comp.B	NIS		
22	IC-	PSOV-2301	PSOV-2301	DCS	DCS	NIS		
23	MC-	LCP-IG-2201/2	LCP-IG-2201	DCS	DCS	NIS		
24	MC-	LCP-P-2301B	LCP-P-2301B	FGS	FGS	NIS		
25	MC-	LCP-P-2302A	LCP-P-2302A	FGS	FGS	NIS		
26	MC-	LCP-P-2302B	LCP-P-2302B	FGS	FGS	NIS		
27	MC-	JBF-D-HN-8001	JBF-D-HN-8001 (By vendor)	FGS	FGS	NIS		
28	IC-	FD-8001	FD-8001	FGS	FGS	NIS	Direct	
29	IC-	ESDR 1-FLR	LCP-IG-2201	ESD	ESD	NIS	Direct	

SECTION : IN-TR-D2 , DETAIL : C3B
W : 1500 mm, H: 1000 mm , SPARE SPACE : >20%

SECTION : IN-DB-D13 ~ D16 , DETAIL : D3
W : 1475 mm , H: 625 mm , 2*6 PVC SLEEVE , SPARE SLEEVE : 3

ITEM	Cable No.		From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC-	LCP-IG-2201/1	LCP-IG-2201	DCS	DCS	IS		
2	MC-	JBD-A-2109	JBD-A-2109	DCS	DCS	IS		
3	MC-	JBD-A-2110	JBD-A-2110	DCS	DCS	IS		
4	IC-	PT-2301	PT-2301	PT-2301	FGS	IS	Direct	
5	MC-	JBE-A-2107	JBE-A-2107	ESD	ESD	IS		
6	MC-	N-JBU-A-2201	N-JBU-A-2201	UCP-G-2204	UCP-Nitrogen	IS		
7	MC-	N-JBU-A-2202	N-JBU-A-2202	UCP-G-2204	UCP-Nitrogen	IS		
8	MC-	A-JBU-A-2231A	A-JBU-A-2231A	UCP-AC-2203A	UCP-Air Comp.A	IS		
9	MC-	A-JBU-A-2232A	A-JBU-A-2232A	UCP-AC-2203A	UCP-Air Comp.A	IS		
10	MC-	A-JBU-A-2231B	A-JBU-A-2231B	UCP-AC-2203B	UCP-Air Comp.B	IS		
11	MC-	A-JBU-A-2232B	A-JBU-A-2232B	UCP-AC-2203B	UCP-Air Comp.B	IS		
12	MC-	JBD-D-2108	JBD-D-2108	DCS	DCS	NIS		
13	MC-	N-JBU-D-2201	N-JBU-D-2201	UCP-G-2204	UCP-Nitrogen	NIS		
14	MC-	N-JBU-D-2202	N-JBU-D-2202	UCP-G-2204	UCP-Nitrogen	NIS		
15	MC-	N-JBU-S-2201	N-JBU-S-2201	UCP-G-2204	UCP-Nitrogen	NIS		
16	MC-	LCP-G-2204	LCP-G-2204	UCP-G-2204	UCP-Nitrogen	NIS		
17	MC-	A-JBU-D-2231A	A-JBU-D-2231A	UCP-AC-2203A	UCP-Air Comp.A	NIS		
18	MC-	A-JBU-D-2232A	A-JBU-D-2232A	UCP-AC-2203A	UCP-Air Comp.A	NIS		
19	MC-	A-JBU-S-2231A	A-JBU-S-2231A	UCP-AC-2203A	UCP-Air Comp.A	NIS		
20	MC-	LCP-AC-2203A	LCP-AC-2203A	UCP-AC-2203A	UCP-Air Comp.A	NIS		
21	MC-	A-JBU-D-2231B	A-JBU-D-2231B	UCP-AC-2203B	UCP-Air Comp.B	NIS		
22	MC-	A-JBU-D-2232B	A-JBU-D-2232B	UCP-AC-2203B	UCP-Air Comp.B	NIS		
23	MC-	A-JBU-S-2231B	A-JBU-S-2231B	UCP-AC-2203B	UCP-Air Comp.B	NIS		
24	MC-	LCP-AC-2203B	LCP-AC-2203B	UCP-AC-2203B	UCP-Air Comp.B	NIS		
25	IC-	PSOV-2301	PSOV-2301	DCS	DCS	NIS		
26	MC-	LCP-IG-2201/2	LCP-IG-2201	DCS	DCS	NIS		
27	MC-	LCP-P-2301B	LCP-P-2301B	FGS	FGS	NIS		
28	MC-	LCP-P-2302A	LCP-P-2302A	FGS	FGS	NIS		
29	MC-	LCP-P-2302B	LCP-P-2302B	FGS	FGS	NIS		
30	MC-	JBF-D-HN-8001	JBF-D-HN-8001 (By vendor)	FGS	FGS	NIS		
31	IC-	FD-8001	FD-8001	FGS	FGS	NIS	Direct	
32	MC-	JBF-D-2106	JBF-D-2106	FGS	FGS	NIS		
33	IC-	ESDR 1-FLR	LCP-IG-2201	ESD	ESD	NIS	Direct	

SECTION : IN-DB-D1~D6 , DETAIL : D3
W : 1475 mm , H: 625 mm , 2*6 PVC SLEEVE , SPARE SLEEVE : 3

SECTION : IN-TR-D1A , DETAIL : C3B
W : 1500 mm , H: 1000 mm, SPARE SPACE : >20%

SECTION : IN-TR-D1B , DETAIL : B3B
W : 1500 mm , H: 1000 mm, SPARE SPACE : >20%

ITEM	Cable No.		From	To.	SYSTEM	IS OR NIS	Remark	Sleeve No.
1	MC-	LCP-IG-2201/1	LCP-IG-2201	DCS	DCS	IS		
2	MC-	JBD-A-2109	JBD-A-2109	DCS	DCS	IS		
3	MC-	JBD-A-2110	JBD-A-2110	DCS	DCS	IS		
4	IC-	PT-2301	PT-2301	PT-2301	FGS	IS	Direct	
5	MC-	JBE-A-2107	JBE-A-2107	ESD	ESD	IS		
6	MC-	N-JBU-A-2201	N-JBU-A-2201	UCP-G-2204	UCP-Nitrogen	IS		
7	MC-	N-JBU-A-2202	N-JBU-A-2202	UCP-G-2204	UCP-Nitrogen	IS		
8	MC-	A-JBU-A-2231A	A-JBU-A-2231A	UCP-AC-2203A	UCP-Air Comp.A	IS		
9	MC-	A-JBU-A-2232A	A-JBU-A-2232A	UCP-AC-2203A	UCP-Air Comp.A	IS		
10	MC-	A-JBU-A-2231B	A-JBU-A-2231B	UCP-AC-2203B	UCP-Air Comp.B	IS		
11	MC-	A-JBU-A-2232B	A-JBU-A-2232B	UCP-AC-2203B	UCP-Air Comp.B	IS		
12	MC-	JBD-D-2108	JBD-D-2108	DCS	DCS	NIS		
13	MC-	N-JBU-D-2201	N-JBU-D-2201	UCP-G-2204	UCP-Nitrogen	NIS		
14	MC-	N-JBU-D-2202	N-JBU-D-2202	UCP-G-2204	UCP-Nitrogen	NIS		
15	MC-	N-JBU-S-2201	N-JBU-S-2201	UCP-G-2204	UCP-Nitrogen	NIS		
16	MC-	LCP-G-2204	LCP-G-2204	UCP-G-2204	UCP-Nitrogen	NIS		
17	MC-	A-JBU-D-2231A	A-JBU-D-2231A	UCP-AC-2203A	UCP-Air Comp.A	NIS		
18	MC-	A-JBU-D-2232A	A-JBU-D-2232A	UCP-AC-2203A	UCP-Air Comp.A	NIS		
19	MC-	A-JBU-S-2231A	A-JBU-S-2231A	UCP-AC-2203A	UCP-Air Comp.A	NIS		
20	MC-	LCP-AC-2203A	LCP-AC-2203A	UCP-AC-2203A	UCP-Air Comp.A	NIS		
21	MC-	A-JBU-D-2231B	A-JBU-D-2231B	UCP-AC-2203B	UCP-Air Comp.B	NIS		
22	MC-	A-JBU-D-2232B	A-JBU-D-2232B	UCP-AC-2203B	UCP-Air Comp.B	NIS		
23	MC-	A-JBU-S-2231B	A-JBU-S-2231B	UCP-AC-2203B	UCP-Air Comp.B	NIS		
24	MC-	LCP-AC-2203B	LCP-AC-2203B	UCP-AC-2203B	UCP-Air Comp.B	NIS		
25	IC-	PSOV-2301	PSOV-2301	DCS	DCS	NIS		
26	MC-	LCP-IG-2201/2	LCP-IG-2201	DCS	DCS	NIS		
27	MC-	LCP-P-2301B	LCP-P-2301B	FGS	FGS	NIS		
28	MC-	LCP-P-2302A	LCP-P-2302A	FGS	FGS	NIS		
29	MC-	LCP-P-2302B	LCP-P-2302B	FGS	FGS	NIS		
30	MC-	JBF-D-HN-8001	JBF-D-HN-8001 (By vendor)	FGS	FGS	NIS		
31	IC-	FD-8001	FD-8001	FGS	FGS	NIS	Direct	
32	IC-	ESDR 1-FLR	LCP-IG-2201	ESD	ESD	NIS	Direct	
33	MC-	JBF-D-2106	JBF-D-2106	FGS	FGS	NIS		
34	MC-	FACP-LOOP7	CCTV ROOM	FACP	FACP	-		
35	MC-	FACP-LOOP8	Guard House	FACP	FACP	-		

NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
BK-GCS-PEDCO-120-PI-PY-0001	UNIT PLOT PLAN DRAWING
BK-GCS-PEDCO-120-IN-DG-0008	INSTRUMENT & F&G JUNCTION BOX TERMINATION DIAGRAM
BK-GCS-PEDCO-120-IN-PY-0003	INSTRUMENT LOCATION LAYOUT

KEY PLAN

D03
TOTALLY REVISED

(VENDOR TITLE BLOCK)**

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D03	MAR.2025	AFC	P.Hajizadeghi	M.PAKHIARIAN	S.PARAMARZPOUR	**.**
D02	AUG.2023	AFC	P.Hajizadeghi	M.PAKHIARIAN	A.M.MOHSENI	**.**
D01	JULY.2022	IFA	P.Hajizadeghi	M.PAKHIARIAN	M.MEHRSHAD	**.**
D00	JAN.2022	IFC	P.Hajizadeghi	M.PAKHIARIAN	M.MEHRSHAD	**.**

REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PEDCO — PETROIRAN DEVELOPMENT COMPANY

DRAWING TITLE: INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
	A3	BK-GCS-PEDCO-120-IN-PY-0004	24 OF 24	D03

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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

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