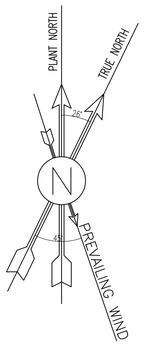

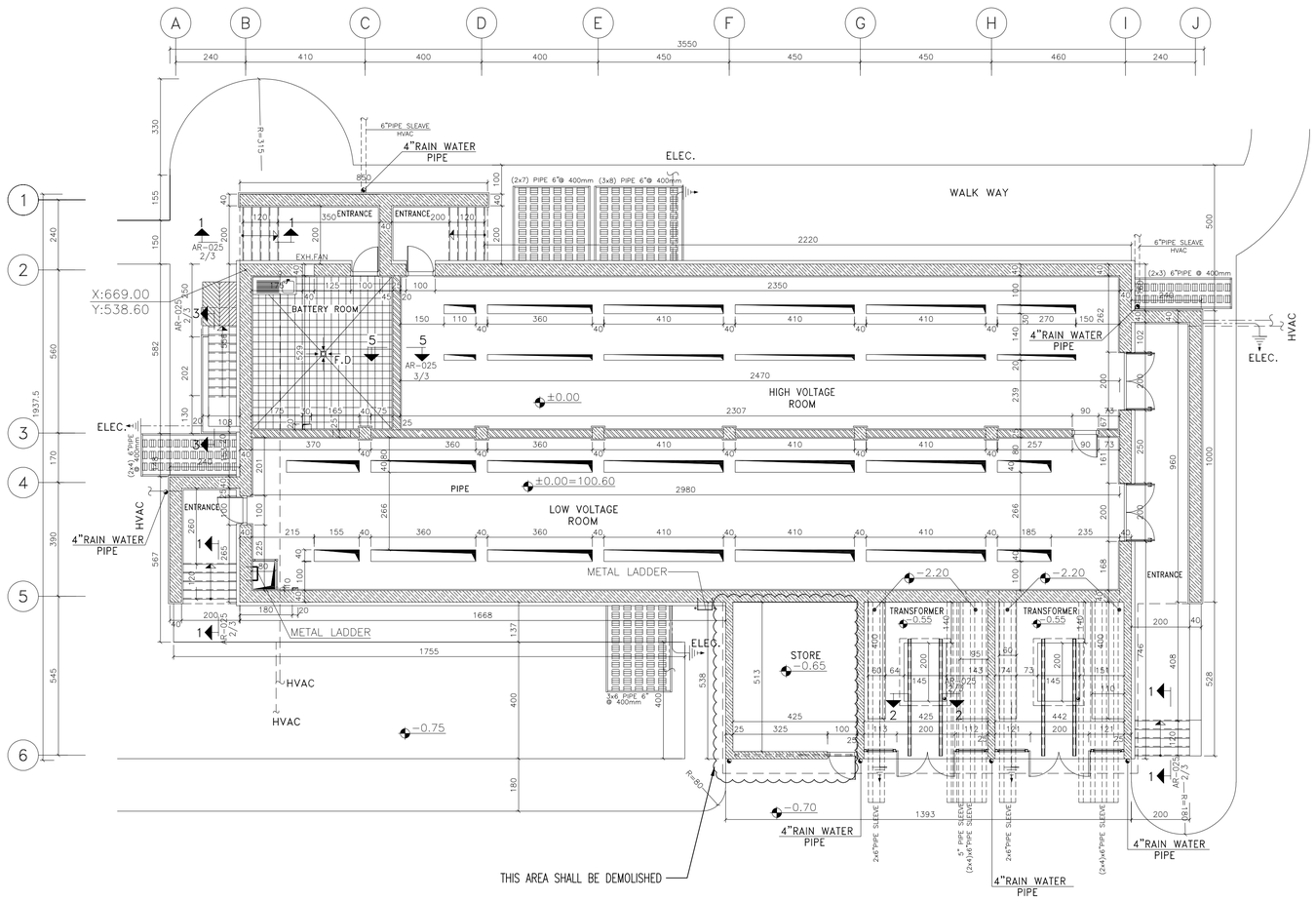

1 EXISTING PLAN

SC.1:100

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LEGEND

LEAN CONCRETE

REINFORCED CONCRETE

PRESSED BRICK

STONE

EXPANSION JOINT FILLER (PLASTOFOAM)

TERRAZZO TILES FOR ROOF – 30x30cm

BLOCKAGE

F.FL.	FINISHED FLOOR	B.O.P.	BOTTOM OF PIT
T.O.WA	TOP OF WAIKWAY	F.G.L.	FINISH GRADING LEVEL
T.O.P.	TOP OF PARAPET	T.O.T.	TOP OF TRENCH
T.O.FOU.	TOP OF FOUNDATION	C.O.S.	CENTER OF SLEEVE
M.D	METAL DOOR	B.O.S.	BOTTOM OF SLEEVE
T.O.R.	TOP OF ROOF	B.O.O.	BOTTOM OF OPENING
T.O.D.	TOP OF DOOR	B.O.T.	BOTTOM OF TRENCH
B.O.Ca.	BOTTOM OF CAGE	B.O.P.	BOTTOM OF PIT
T.O.Ca.	TOP OF CAGE	R.H.P.	ROOF HIGHEST POINT
B.O.G.	BOTTOM OF GUTTER	R.L.P.	ROOF LOWEST POINT
T.O.Ca.	TOP OF CAGE	N.G.R.	NEUTRAL GROUND RESISTOR
M.D.	METAL DOOR	B.P.D.	BLAST–PROOF DOOR
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REFERENCE DRAWING	DRG. No.
STANDARD DRAWING FOR ARCHITECTURAL DETAILS	BK-GNRAL-PEDCO-000-AR-DW-0001
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CABLE TRENCH AND DUCT BANK LAYOUT	BK-GCS-PEDCO-120-CV-PY-0002
ELECTRICAL CABLE ROUTE & SECTION LAYOUT FOR BUILDING & SHELTER	BK-GCS-PEDCO-120-EL-PY-0006
FOUNDATION DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING	BK-GCS-PEDCO-120-ST-DW-0063
STRUCTURAL DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING	BK-GCS-PEDCO-120-ST-DW-0064
STANDARD DETAILS FOR LADDER & SAFETY CAGE	BK-GNRAL-PEDCO-000-ST-DW-0009
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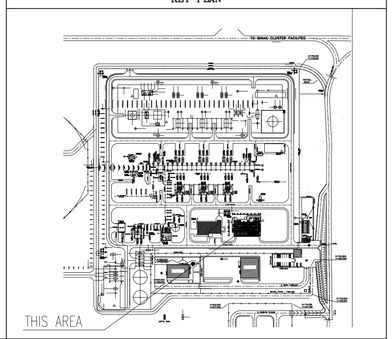
Unit Plot Plan Drawing	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN



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D06	NOV.2023	AFC	R.BERLOUIE	M.FAKHARIAN	S.Faramarzpour	**.**
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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: ARCHITECTURAL DETAIL DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING
EXISTING PLAN

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-GCS-PEDCO-120-AR-DW-0002	01 OF 15	D06

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

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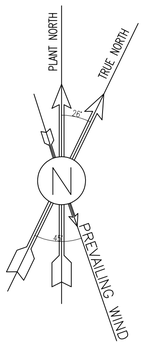
BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

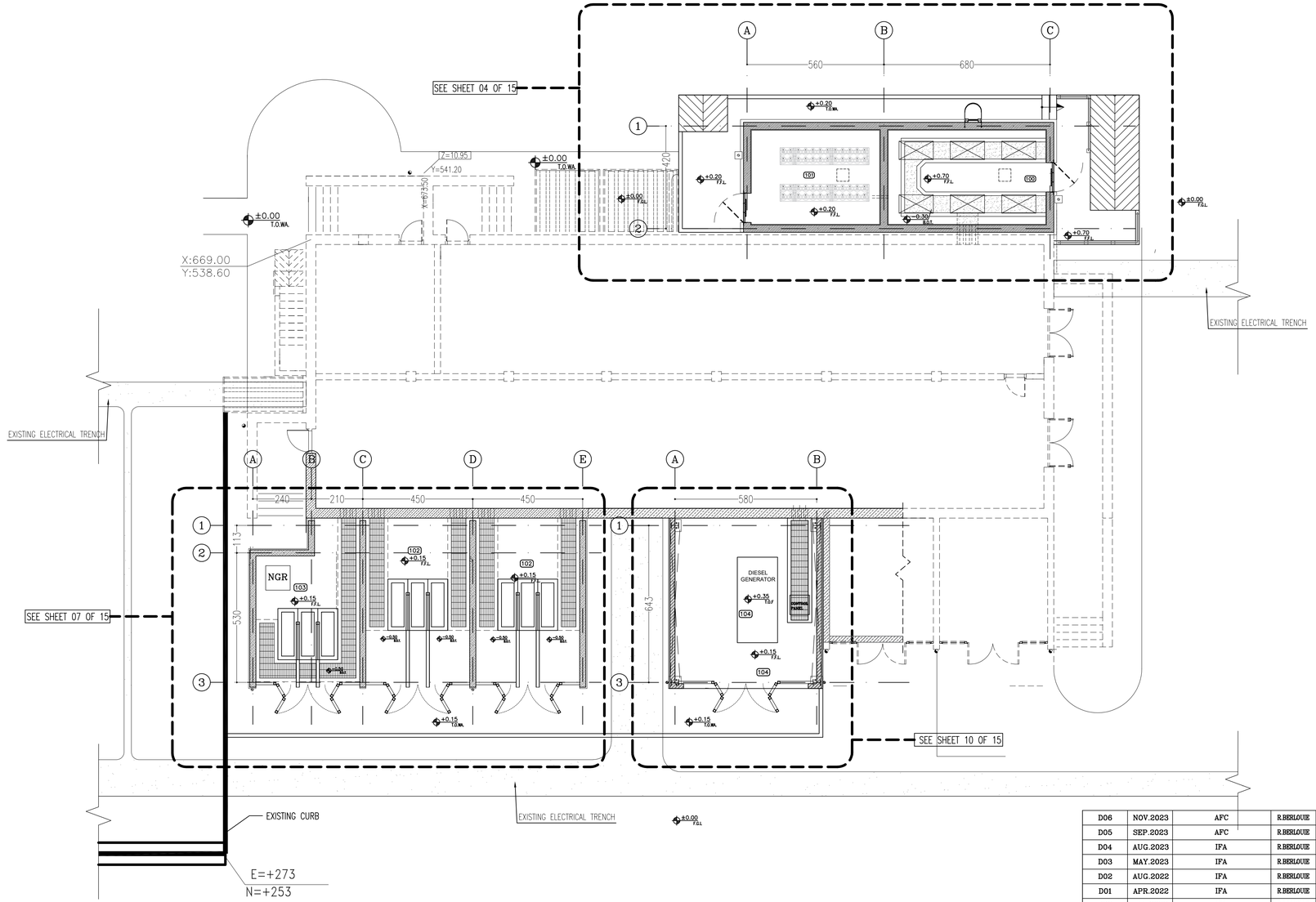
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	B	709100	01 OF 15	D06





SPACE TAG NUMBER

- 100 CAPACITOR BANK
- 101 CO2 ROOM
- 102 TRANSFORMER ROOM
- 103 FIRE-FIGHTING PUMP TRANSFORMER ROOM
- 104 DIESEL ROOM

2 PLAN
SC.1:100

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- REINFORCED CONCRETE
- PRESSED BRICK
- STONE
- EXPANSION JOINT FILLER (PLASTOFOAM)
- TERRAZZO TILES FOR ROOF – 30x30cm
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T.O.FOU.	TOP OF FOUNDATION	C.O.S.	CENTER OF SLEEVE
M.D	METAL DOOR	B.O.S.	BOTTOM OF SLEEVE
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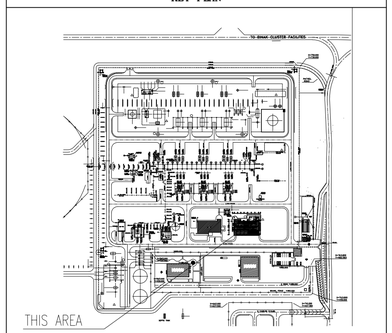
Unit Plot Plan Drawing	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN



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REV.	DESCRIPTION	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE
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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): PEDCO — PETROIRAN DEVELOPMENT COMPANY

DRAWING TITLE: ARCHITECTURAL DETAIL DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING
PLANS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-GCS-PEDCO-120-AR-DW-0002	02 OF 15	D06

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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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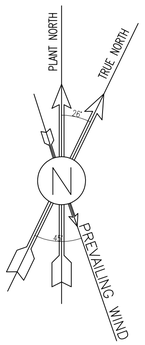

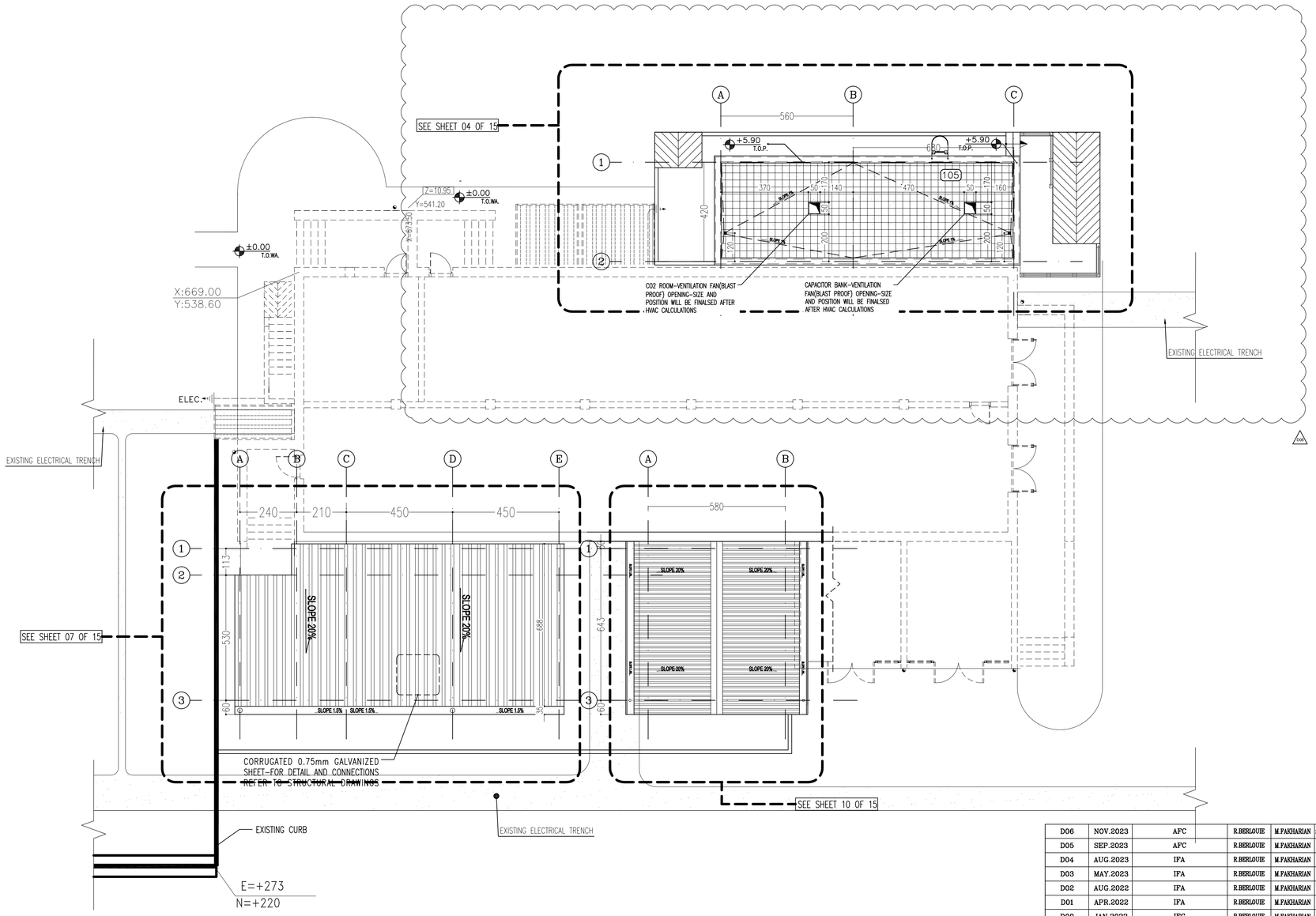

SC.1:100 (3) ROOF PLAN

NOTES

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LEGEND

LEAN CONCRETE
REINFORCED CONCRETE
PRESSED BRICK
STONE
EXPANSION JOINT FILLER (PLASTOFOAM)
TERRAZZO TILES FOR ROOF – 30x30cm
BLOCKAGE

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T.O.WA	TOP OF WAIKWAY	F.G.L.	FINISH GRADING LEVEL
T.O.P.	TOP OF PARAPET	T.O.T.	TOP OF TRENCH
T.O.FOU.	TOP OF FOUNDATION	C.O.S.	CENTER OF SLEEVE
M.D	METAL DOOR	B.O.S.	BOTTOM OF SLEEVE
T.O.R.	TOP OF ROOF	B.O.O.	BOTTOM OF OPENING
T.O.D.	TOP OF DOOR	B.O.T.	BOTTOM OF TRENCH
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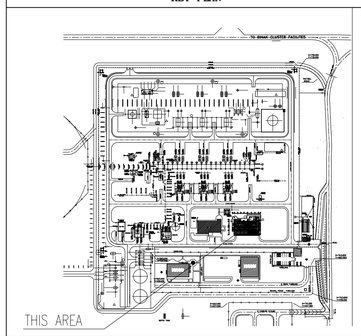
KEY PLAN



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DRAWING TITLE: ARCHITECTURAL DETAIL DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING
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SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
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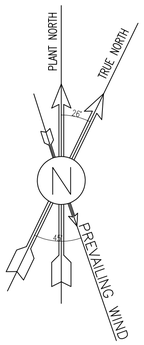

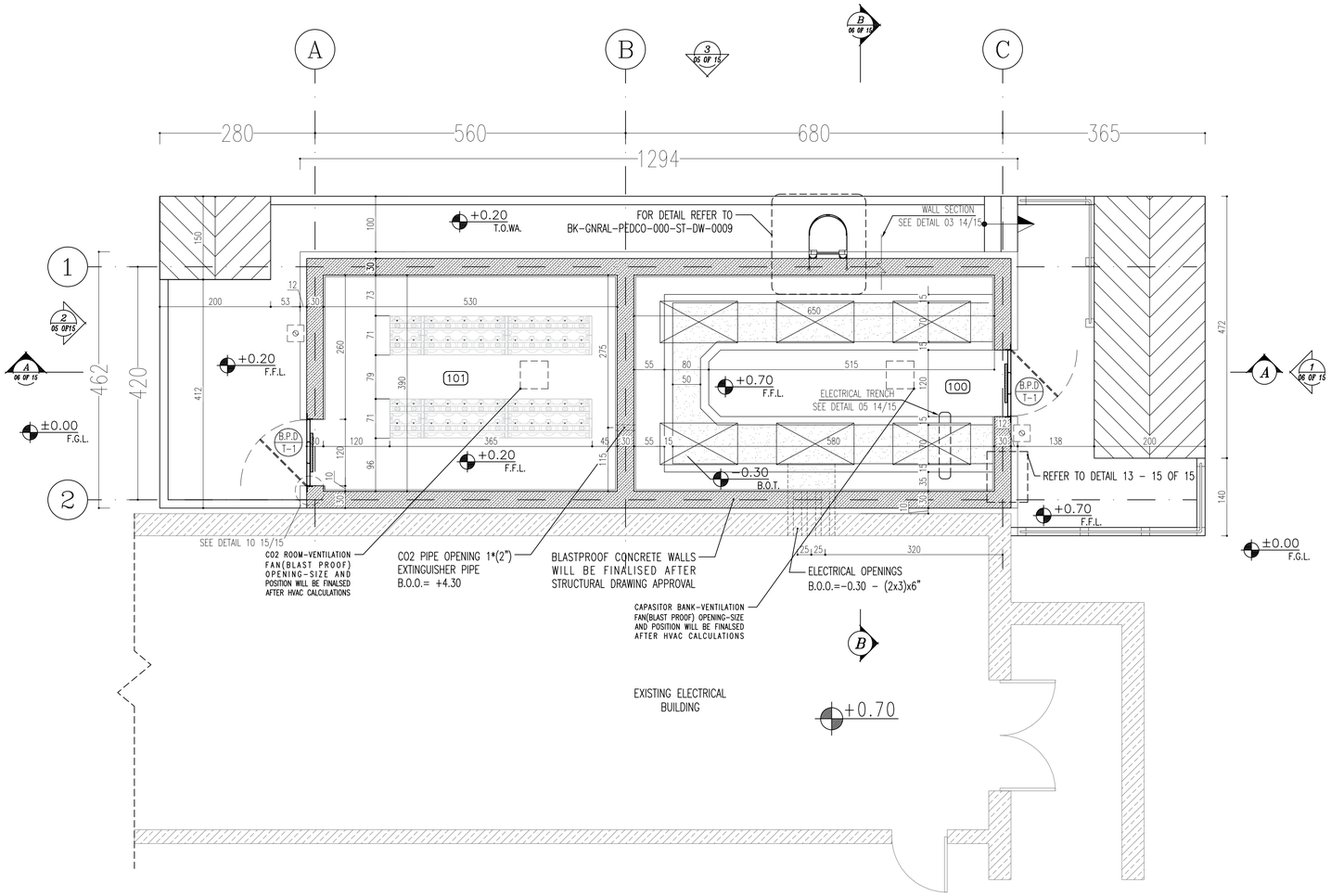

SC.1:50 — 4 — CAPACITOR BANK AND CO2 ROOM PLAN

SPACE TAG	AREA
100	32m²
101	25m²
102	32m² + 32m²
103	29m²
104	27m²
TOTAL	174m²

SPACE TAG NUMBER

- 100 CAPACITOR BANK
- 101 CO2 ROOM
- 102 TRANSFORMER ROOM
- 103 FIRE-FIGHTING PUMP TRANSFORMER ROOM
- 104 DIESEL ROOM

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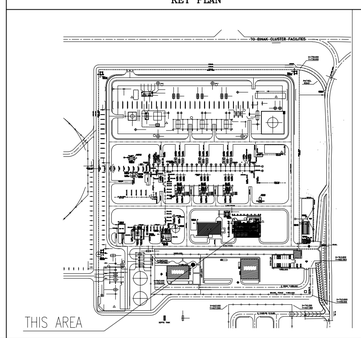
Unit Plot Plan Drawing	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D06	NOV.2023	AFC	R.BERLOUIE	M.FAKHARIAN	S.Faramarzpour	**.**
D05	SEP.2023	AFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
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REV.	DESCRIPTION	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE
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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): PEDCO — PETROIRAN DEVELOPMENT COMPANY

DRAWING TITLE: ARCHITECTURAL DETAIL DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING
PLAN

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-GCS-PEDCO-120-AR-DW-0002	04 OF 15	D06

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

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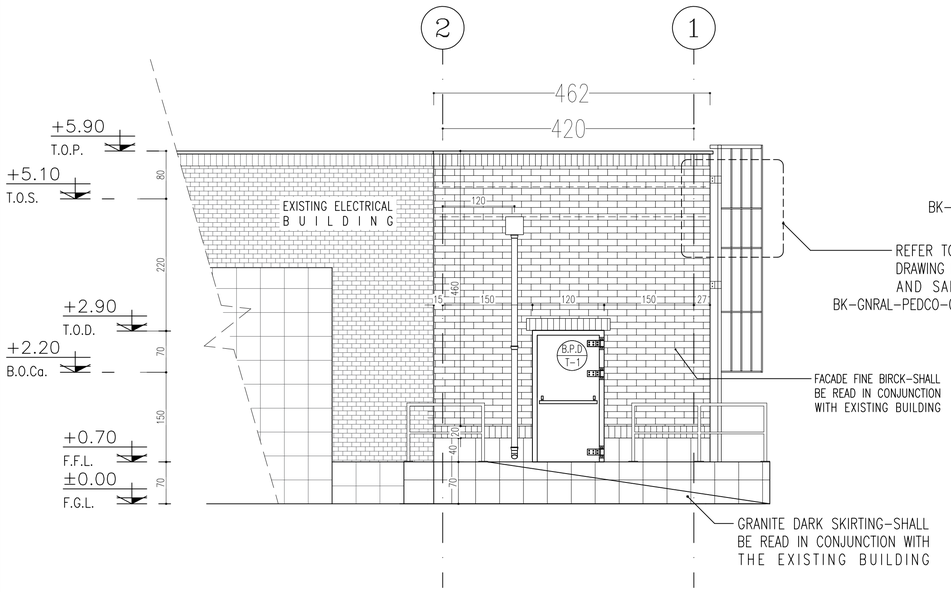
BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

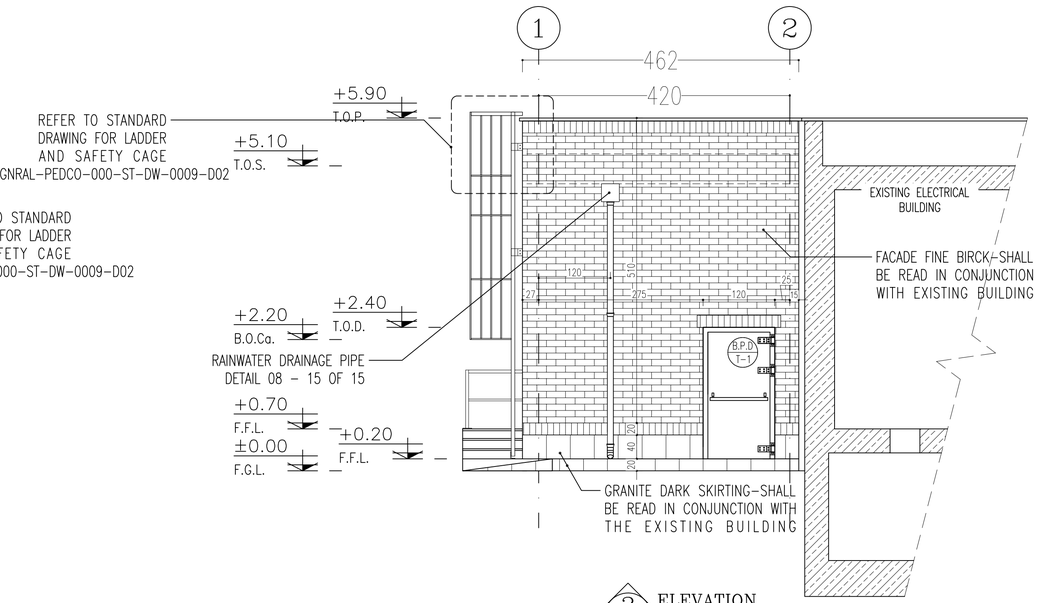
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

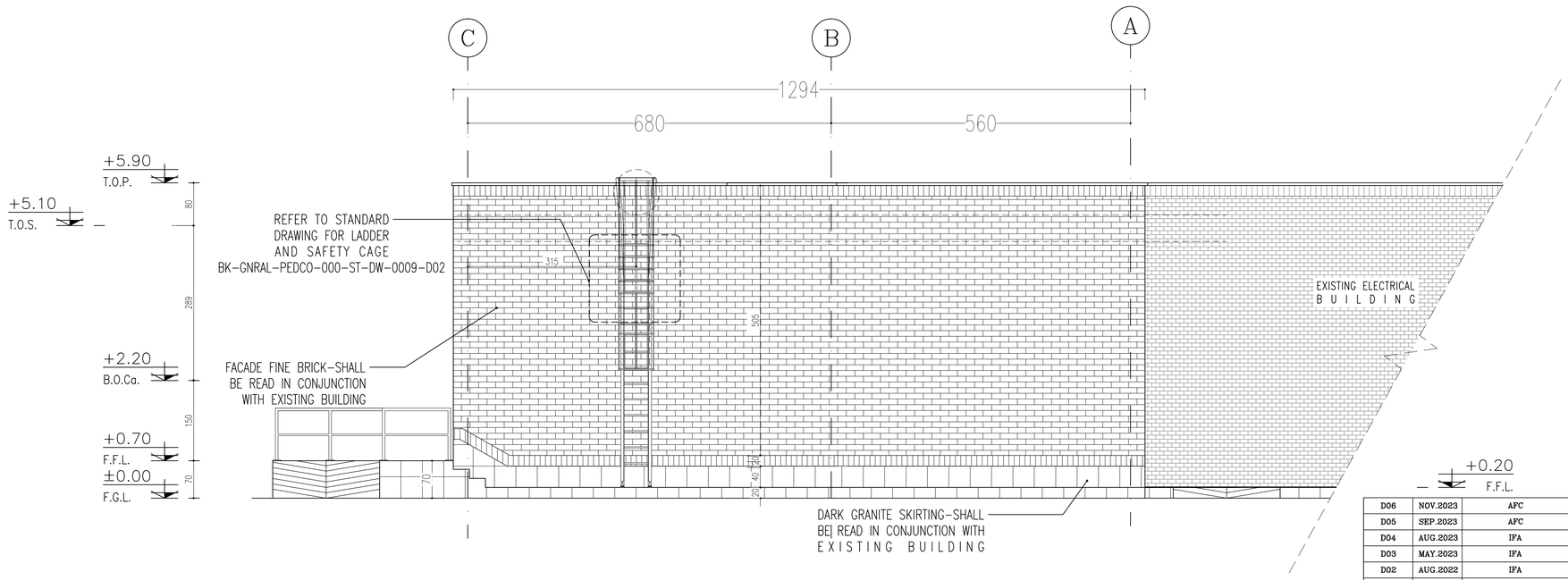
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	B	709100	04 OF 15	D06



1 ELEVATION
SC.1:50 04 OF 15



2 ELEVATION
SC.1:50 04 OF 15



3 ELEVATION
SC.1:50 04 OF 15

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LEGEND

LEAN CONCRETE
REINFORCED CONCRETE
PRESSED BRICK
STONE
EXPANSION JOINT FILLER (PLASTOFOAM)
TERRAZZO TILES FOR ROOF – 30x30cm
BLOCKAGE

F.FL.	FINISHED FLOOR	B.O.P.	BOTTOM OF PIT
T.O.WA	TOP OF WAIKWAY	F.G.L.	FINISH GRADING LEVEL
T.O.P.	TOP OF PARAPET	T.O.T.	TOP OF TRENCH
T.O.FOU.	TOP OF FOUNDATION	C.O.S.	CENTER OF SLEEVE
M.D	METAL DOOR	B.O.S.	BOTTOM OF SLEEVE
T.O.R.	TOP OF ROOF	B.O.O.	BOTTOM OF OPENING
T.O.D.	TOP OF DOOR	B.O.T.	BOTTOM OF TRENCH
B.O.Ca.	BOTTOM OF CAGE	B.O.P.	BOTTOM OF PIT
T.O.Ca.	TOP OF CAGE	R.H.P.	ROOF HIGHEST POINT
B.O.G.	BOTTOM OF GUTTER	R.L.P.	ROOF LOWEST POINT
T.O.Ca.	TOP OF CAGE	N.G.R.	NEUTRAL GROUND RESISTOR
M.D.	METAL DOOR	B.P.D.	BLAST-PROOF DOOR
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REFERENCE DRAWING	DRG. No.
STANDARD DRAWING FOR ARCHITECTURAL DETAILS	BK-GNRAL-PEDCO-000-AR-DW-0001
SITE SEWARAGE SYSTEM LAYOUT & DETAILS	BK-GCS-PEDCO-120-CV-PY-0001
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ELECTRICAL CABLE ROUTE & SECTION LAYOUT FOR BUILDING & SHELTER	BK-GCS-PEDCO-120-EL-PY-0006
FOUNDATION DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING	BK-GCS-PEDCO-120-ST-DW-0063
STRUCTURAL DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING	BK-GCS-PEDCO-120-ST-DW-0064
STANDARD DETAILS FOR LADDER & SAFETY CAGE	BK-GNRAL-PEDCO-000-ST-DW-0009
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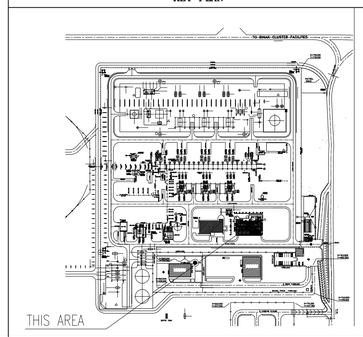
KEY PLAN



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		CHECKED		REV. APPR.	

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GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR:
HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: ARCHITECTURAL DETAIL DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING
ELEVATIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-GCS-PEDCO-120-AR-DW-0002	05 OF 15	D06

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SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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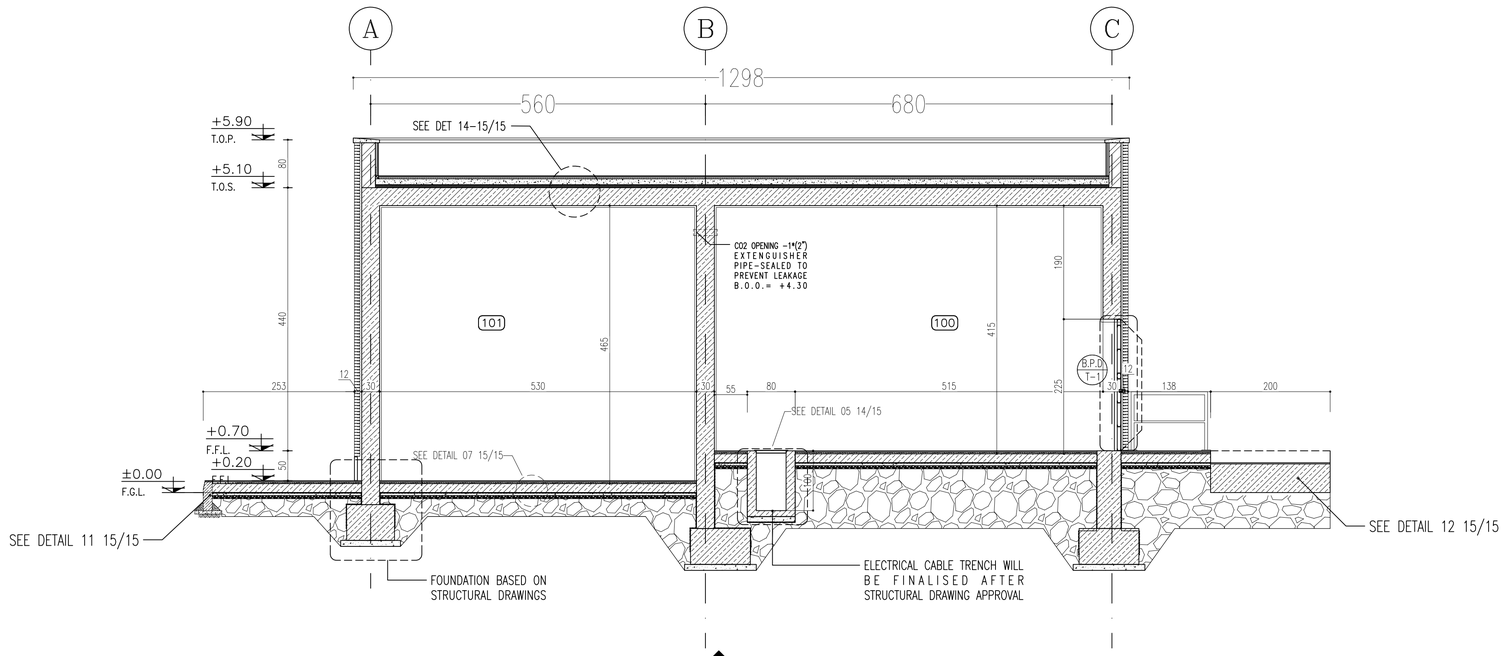
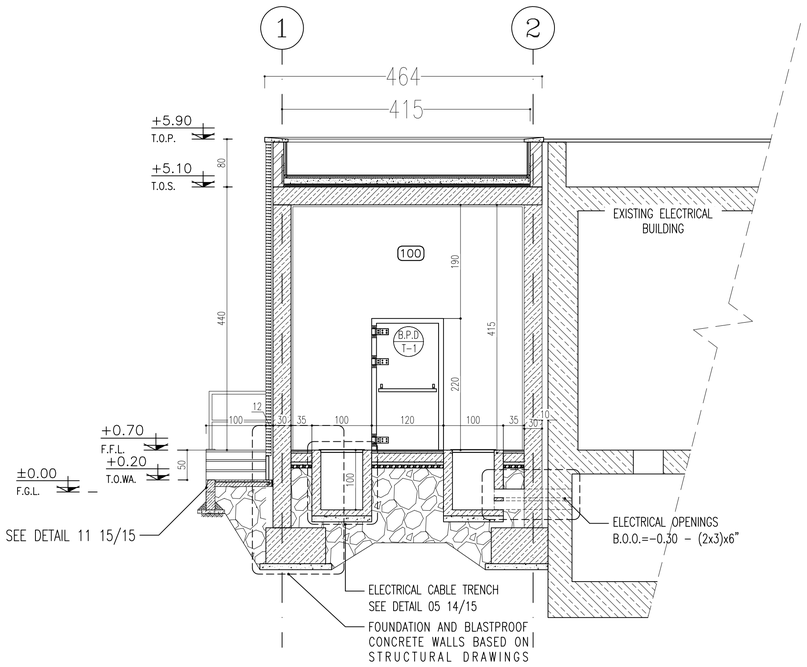
APPROVED FOR CONSTRUCTION | BY: | DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	B	709100	05 OF 15	D06



A SECTION
SC.1:50 04 OF 115



B SECTION
SC.1:50 04 OF 15

SPACE TAG NUMBER

- 100 CAPACITOR BANK
- 101 CO2 ROOM
- 102 TRANSFORMER ROOM
- 103 FIRE-FIGHTING PUMP TRANSFORMER ROOM
- 104 DIESEL ROOM

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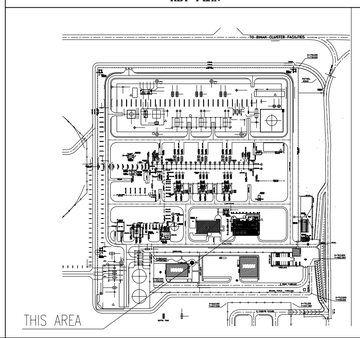
KEY PLAN



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

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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BINAK OILFIELD DEVELOPMENT
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DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: ARCHITECTURAL DETAIL DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING
SECTIONS

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

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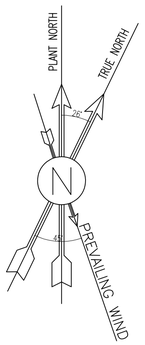
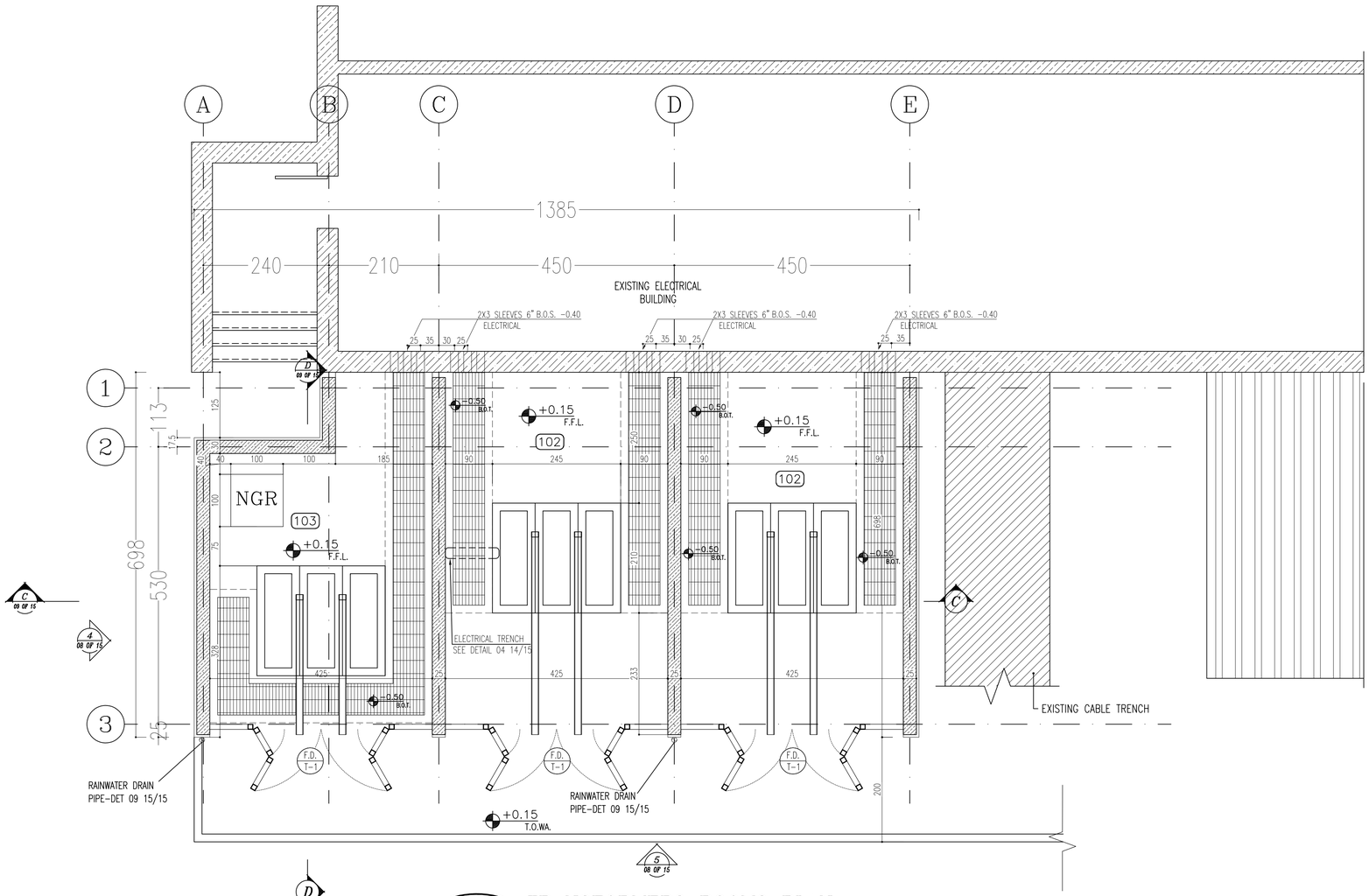
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-GCS-PEDCO-120-AR-DW-0002	06 OF 15	D06

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	B	709100	06 OF 15	D06





5 TRANSFORMERS ROOMS PLAN

SC.1:50

SPACE TAG NUMBER

- 100 CAPACITOR BANK
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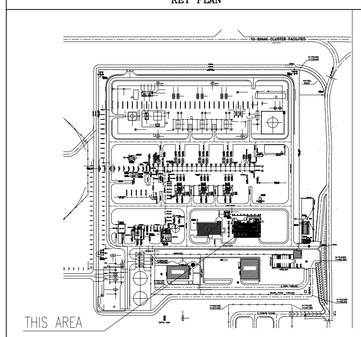

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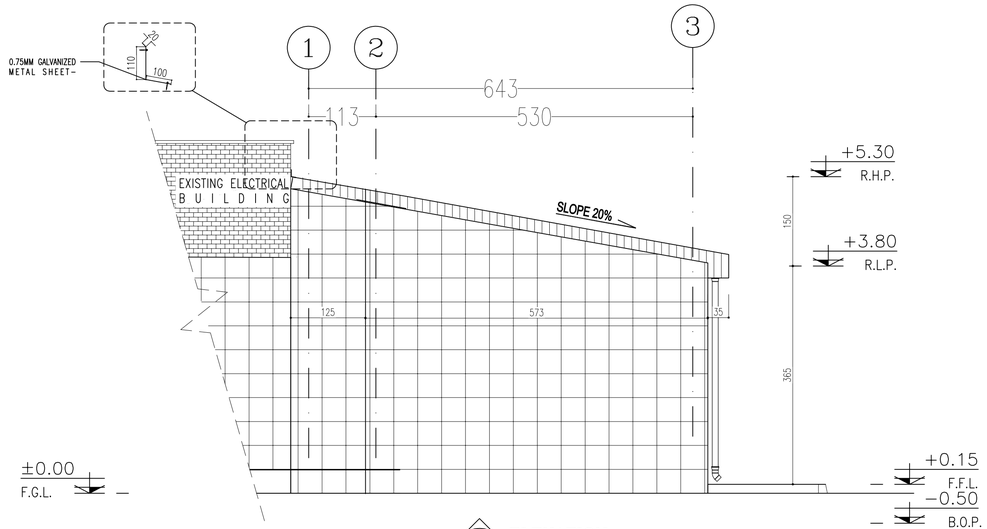
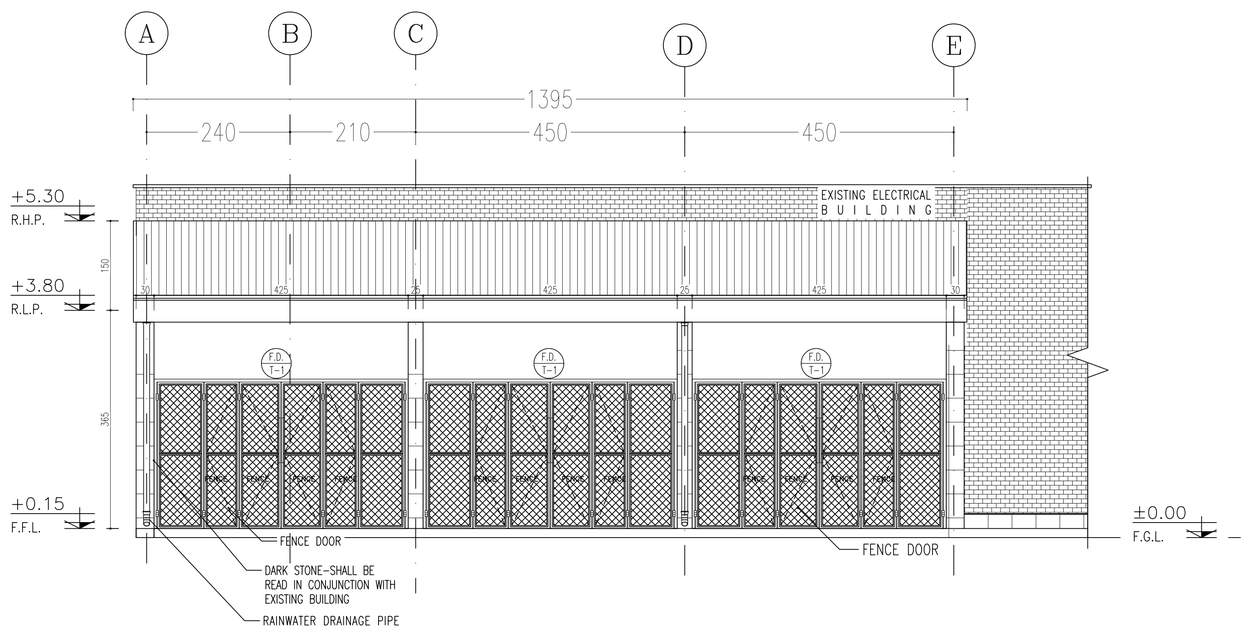
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-GCS-PEDCO-120-AR-DW-0002	07 OF 15	D06	053-073-9184	F	4	B	709100	07 OF 15	D06



4 ELEVATION
SC.1:50 (07 OF 15)



5 ELEVATION
SC.1:50 (07 OF 15)

SPACE TAG NUMBER

- 100 CAPACITOR BANK
- 101 CO2 ROOM
- 102 TRANSFORMER ROOM
- 103 FIRE-FIGHTING PUMP TRANSFORMER ROOM
- 104 DIESEL ROOM

NOTES

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LEGEND

- LEAN CONCRETE
- REINFORCED CONCRETE
- PRESSED BRICK
- STONE
- EXPANSION JOINT FILLER (PLASTOFOAM)
- TERRAZZO TILES FOR ROOF – 30x30cm
- BLOCKAGE

F.FL.	FINISHED FLOOR	B.O.P.	BOTTOM OF PIT
T.O.WA	TOP OF WAIKWAY	F.G.L.	FINISH GRADING LEVEL
T.O.P.	TOP OF PARAPET	T.O.T.	TOP OF TRENCH
T.O.FOU.	TOP OF FOUNDATION	C.O.S.	CENTER OF SLEEVE
M.D	METAL DOOR	B.O.S.	BOTTOM OF SLEEVE
T.O.R.	TOP OF ROOF	B.O.O.	BOTTOM OF OPENING
T.O.D.	TOP OF DOOR	B.O.T.	BOTTOM OF TRENCH
B.O.Ca.	BOTTOM OF CAGE	B.O.P.	BOTTOM OF PIT
T.O.Ca.	TOP OF CAGE	R.H.P.	ROOF HIGHEST POINT
B.O.G.	BOTTOM OF GUTTER	R.L.P.	ROOF LOWEST POINT
T.O.Ca.	TOP OF CAGE	N.G.R.	NEUTRAL GROUND RESISTOR
M.D.	METAL DOOR	B.P.D.	BLAST-PROOF DOOR
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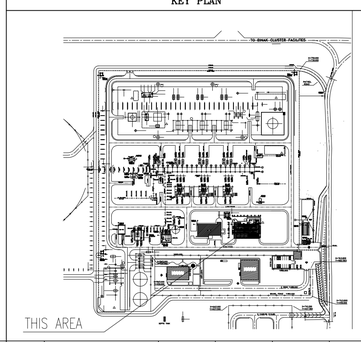
REFERENCE DRAWING	DRG. No.
STANDARD DRAWING FOR ARCHITECTURAL DETAILS	BK-GNRAL-PEDCO-000-AR-DW-0001
SITE SEWARAGE SYSTEM LAYOUT & DETAILS	BK-GCS-PEDCO-120-CV-PY-0001
CABLE TRENCH AND DUCT BANK LAYOUT	BK-GCS-PEDCO-120-CV-PY-0002
ELECTRICAL CABLE ROUTE & SECTION LAYOUT FOR BUILDING & SHELTER	BK-GCS-PEDCO-120-EL-PY-0006
FOUNDATION DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING	BK-GCS-PEDCO-120-ST-DW-0063
STRUCTURAL DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING	BK-GCS-PEDCO-120-ST-DW-0064
STANDARD DETAILS FOR LADDER & SAFETY CAGE	BK-GNRAL-PEDCO-000-ST-DW-0009
ELECTRICAL EQUIPMENT ARRANGEMENT LAYOUT FOR BUILDING	BK-GCS-PEDCO-120-ST-EL-PY-0008
Unit Plot Plan Drawing	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN



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D06	NOV.2023	AFC	R.BERLOUIE	M.FAKHARIAN	S.Faramarzpour	**.**
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REV.	DESCRIPTION	CHECKED BY	DATE	REV. APPR. BY	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)

DRAWING TITLE: ARCHITECTURAL DETAIL DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING
ELEVATIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-GCS-PEDCO-120-AR-DW-0002	08 OF 15	D06

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

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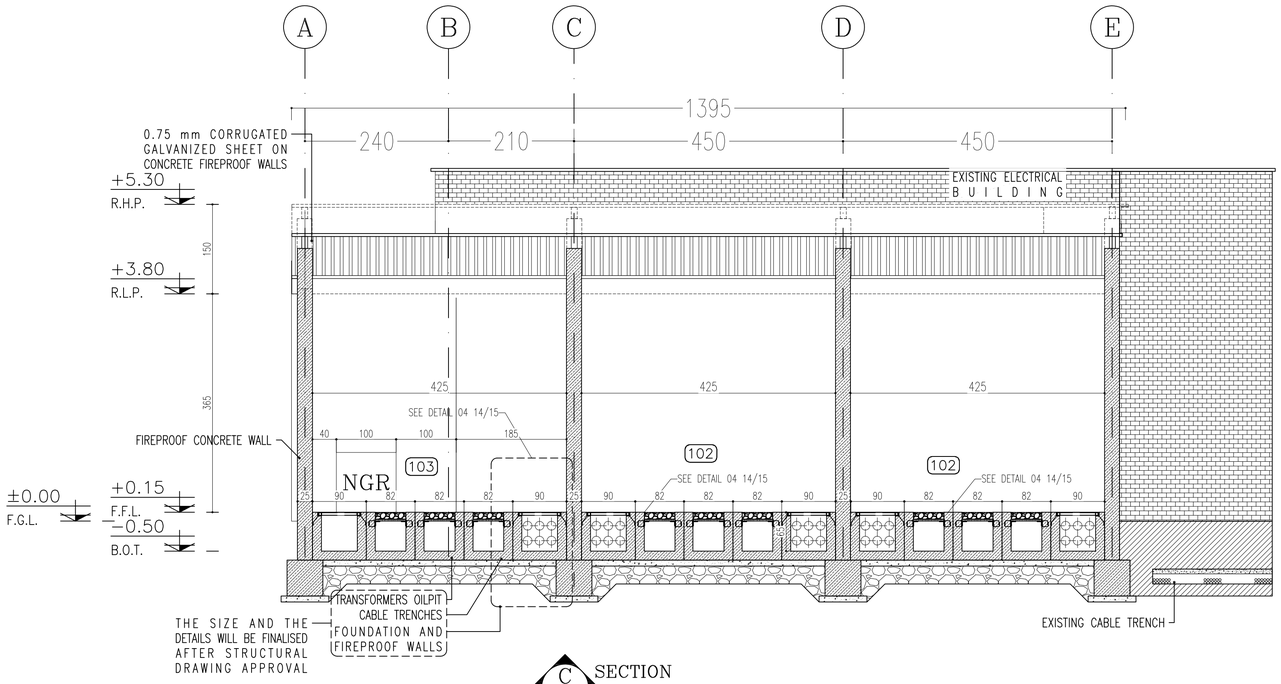
BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

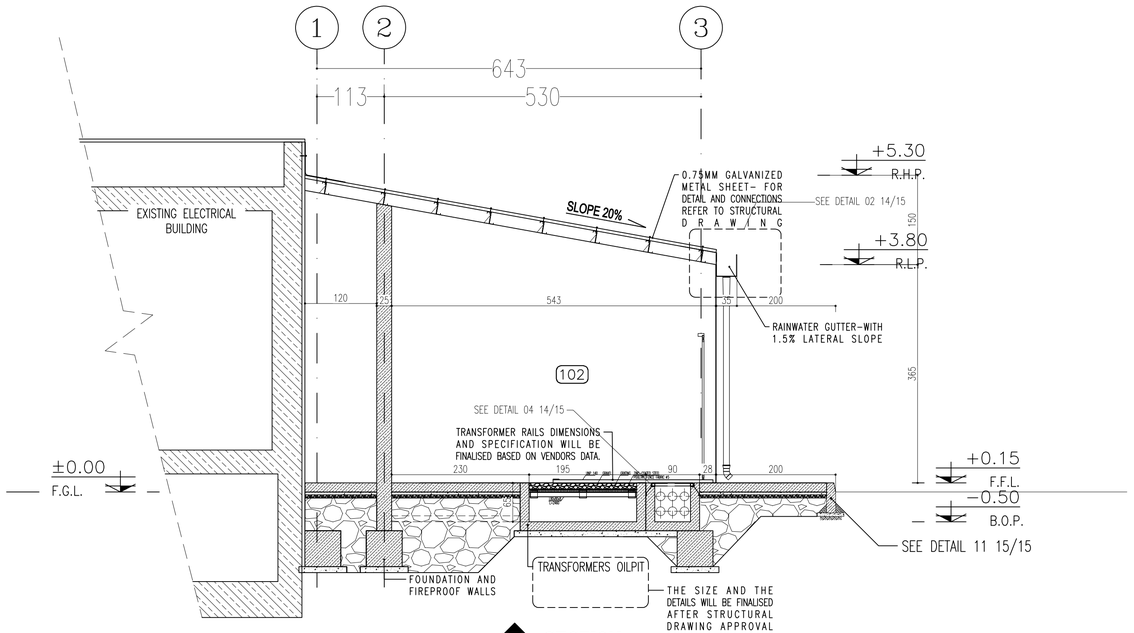
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	B	709100	08 OF 15	D06



C SECTION
SC.1:50 (07 OF 15)



D SECTION
SC.1:50 (07 OF 15)

SPACE TAG NUMBER

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M.D	METAL DOOR	B.O.S.	BOTTOM OF SLEEVE
T.O.R.	TOP OF ROOF	B.O.O.	BOTTOM OF OPENING
T.O.D.	TOP OF DOOR	B.O.T.	BOTTOM OF TRENCH
B.O.Ca.	BOTTOM OF CAGE	B.O.P.	BOTTOM OF PIT
T.O.Ca.	TOP OF CAGE	R.H.P.	ROOF HIGHEST POINT
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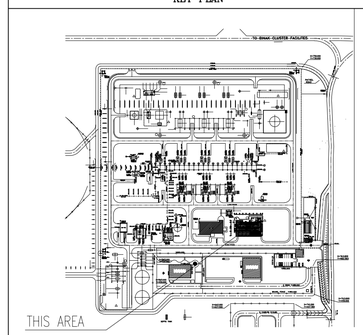
FOUNDATION DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING	BK-GCS-PEDCO-120-ST-DW-0063
STRUCTURAL DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING	BK-GCS-PEDCO-120-ST-DW-0064
STANDARD DETAILS FOR LADDER & SAFETY CAGE	BK-GNRAL-PEDCO-000-ST-DW-0009
ELECTRICAL EQUIPMENT ARRANGEMENT LAYOUT FOR BUILDING	BK-GCS-PEDCO-120-ST-EL-PY-0008
Unit Plot Plan Drawing	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D06	NOV.2023	AFC	R.BERLOUIE	M.FAKHARIAN	S.Faramarzpour	**.**
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REV.	DESCRIPTION	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE
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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): PEDCO — PETROIRAN DEVELOPMENT COMPANY

DRAWING TITLE: ARCHITECTURAL DETAIL DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-GCS-PEDCO-120-AR-DW-0002	09 OF 15	D06

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

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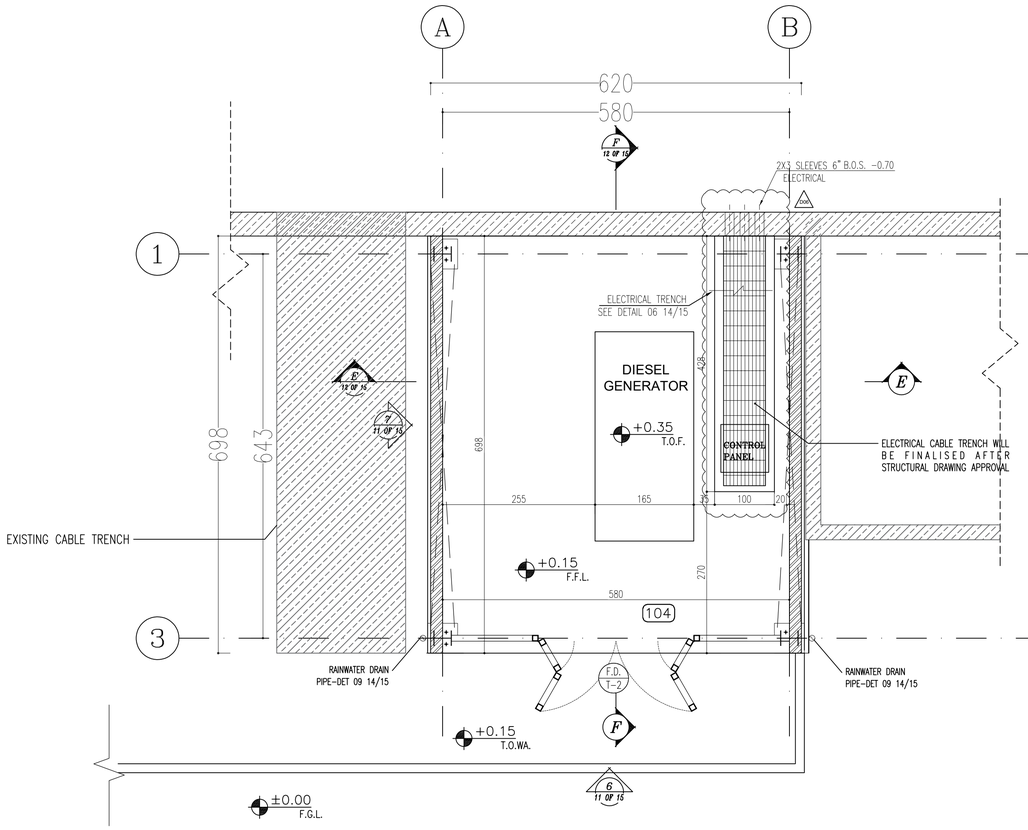
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

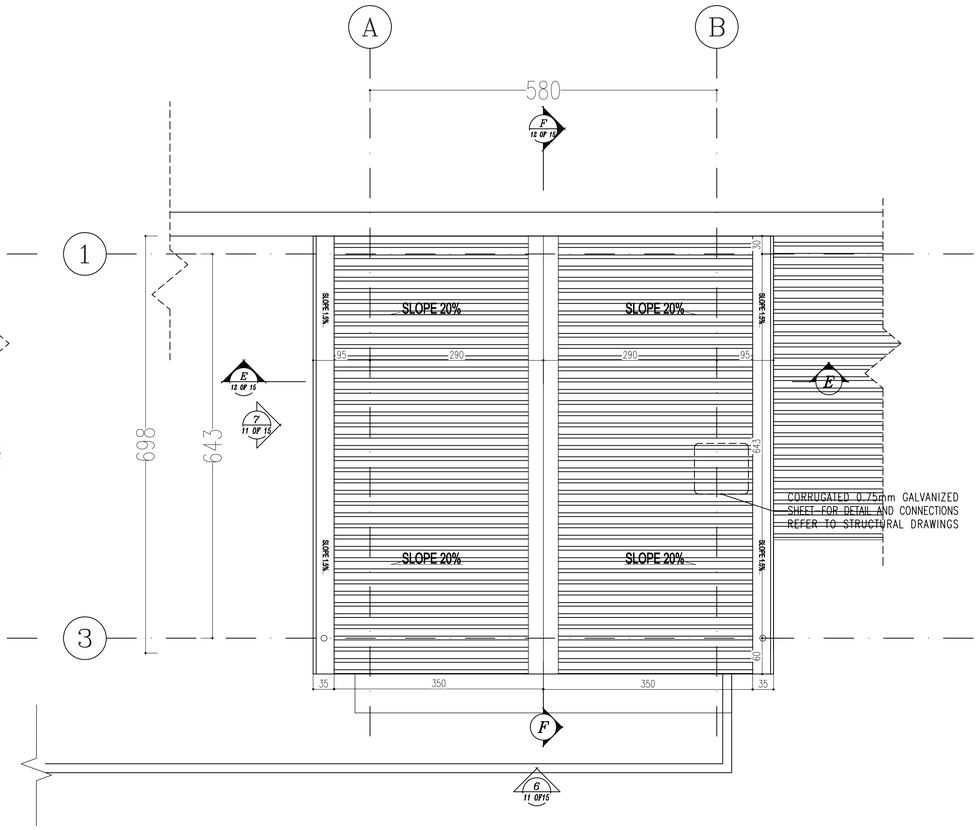
APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	B	709100	09 OF 15	D06



6 DIESEL ROOM PLAN

SC.1:50



7 DIESEL ROOM ROOF PLAN

SC.1:50

SPACE TAG NUMBER

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T.O.FOU.	TOP OF FOUNDATION	C.O.S.	CENTER OF SLEEVE
M.D	METAL DOOR	B.O.S.	BOTTOM OF SLEEVE
T.O.R.	TOP OF ROOF	B.O.O.	BOTTOM OF OPENING
T.O.D.	TOP OF DOOR	B.O.T.	BOTTOM OF TRENCH
B.O.Ca.	BOTTOM OF CAGE	B.O.P.	BOTTOM OF PIT
T.O.Ca.	TOP OF CAGE	R.H.P.	ROOF HIGHEST POINT
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T.O.Ca.	TOP OF CAGE	N.G.R.	NEUTRAL GROUND RESISTOR
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REFERENCE DRAWING	DRG. No.
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ELECTRICAL CABLE ROUTE & SECTION LAYOUT FOR BUILDING & SHELTER	BK-GCS-PEDCO-120-EL-PY-0006
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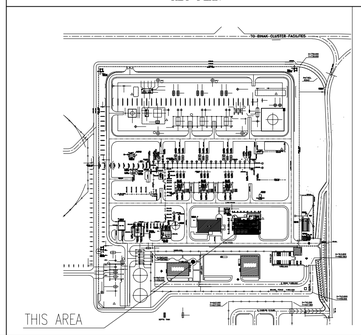
Unit Plot Plan Drawing	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN



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SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
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GAS COMPRESSOR STATION

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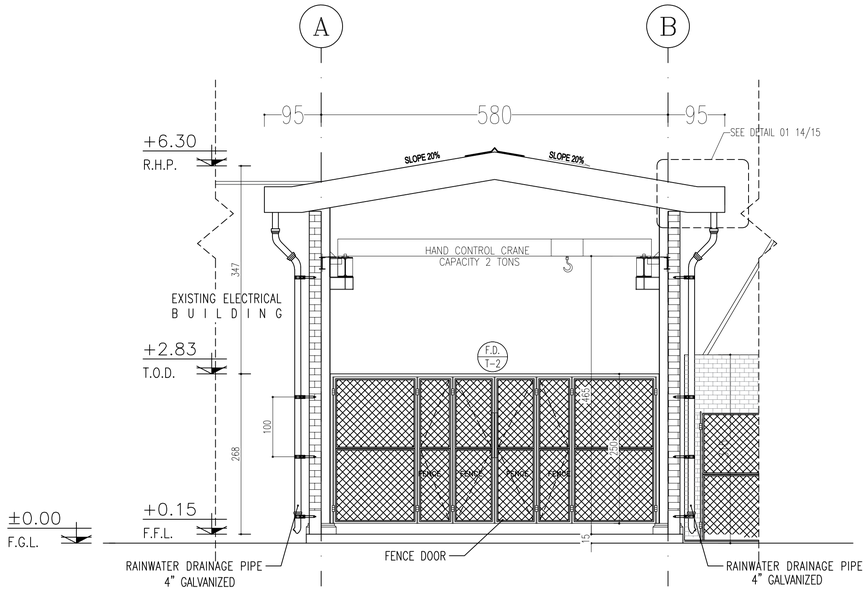
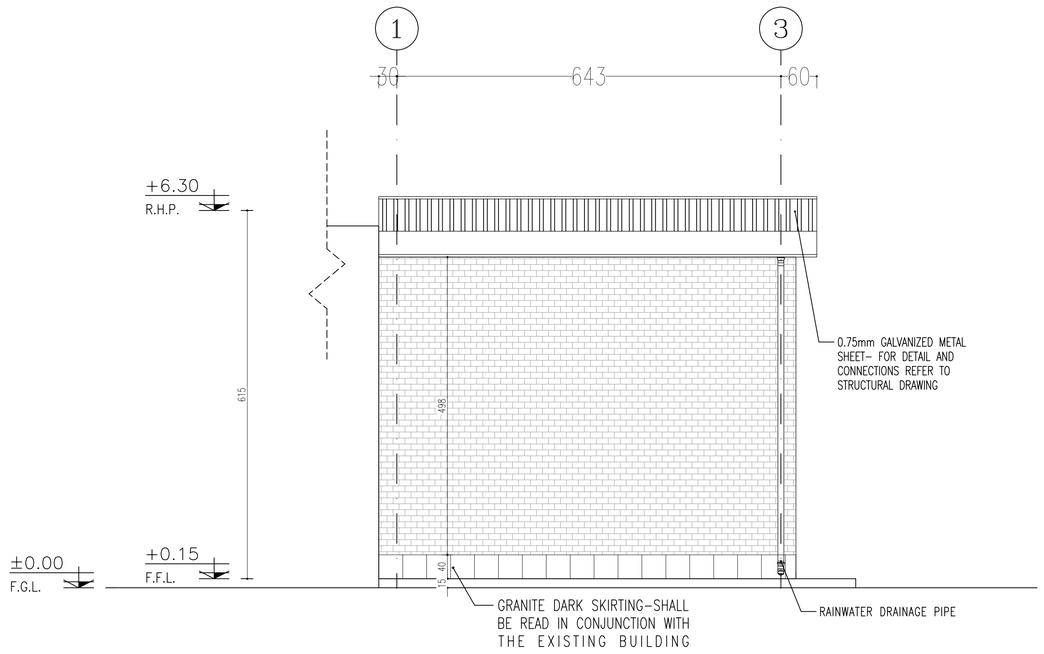


6 ELEVATION
SC.1:50 10 OF 15



7 ELEVATION
SC.1:50 10 OF 15

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REINFORCED CONCRETE
PRESSED BRICK
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B.O.Ca.	BOTTOM OF CAGE	B.O.P.	BOTTOM OF PIT
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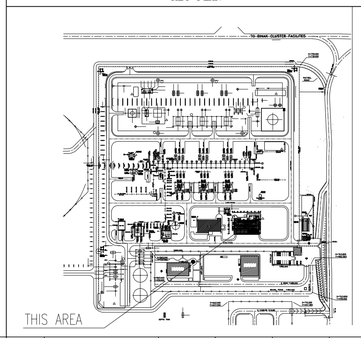
CABLE TRENCH AND DUCT BANK LAYOUT	BK-GCS-PEDCO-120-CV-PY-0002
ELECTRICAL CABLE ROUTE & SECTION LAYOUT FOR BUILDING & SHELTER	BK-GCS-PEDCO-120-EL-PY-0006
FOUNDATION DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING	BK-GCS-PEDCO-120-ST-DW-0063
STRUCTURAL DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING	BK-GCS-PEDCO-120-ST-DW-0064
STANDARD DETAILS FOR LADDER & SAFETY CAGE	BK-GNRAL-PEDCO-000-ST-DW-0009
ELECTRICAL EQUIPMENT ARRANGEMENT LAYOUT FOR BUILDING	BK-GCS-PEDCO-120-ST-EL-PY-0008
Unit Plot Plan Drawing	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D06	NOV.2023	AFC	R.BERLOUIE	M.FAKHARIAN	S.Faramarzpour	**.**
D05	SEP.2023	AFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
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D00	JAN.2022	IFC	R.BERLOUIE	M.FAKHARIAN	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: ARCHITECTURAL DETAIL DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING
ELEVATIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-GCS-PEDCO-120-AR-DW-0002	11 OF 15	D06

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

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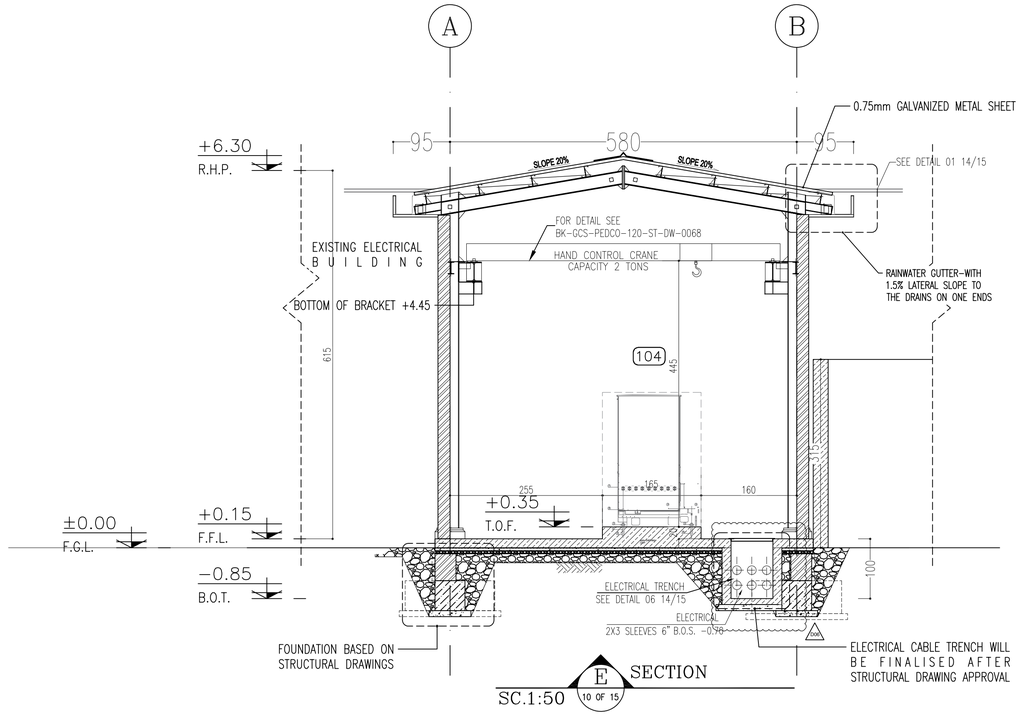
BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

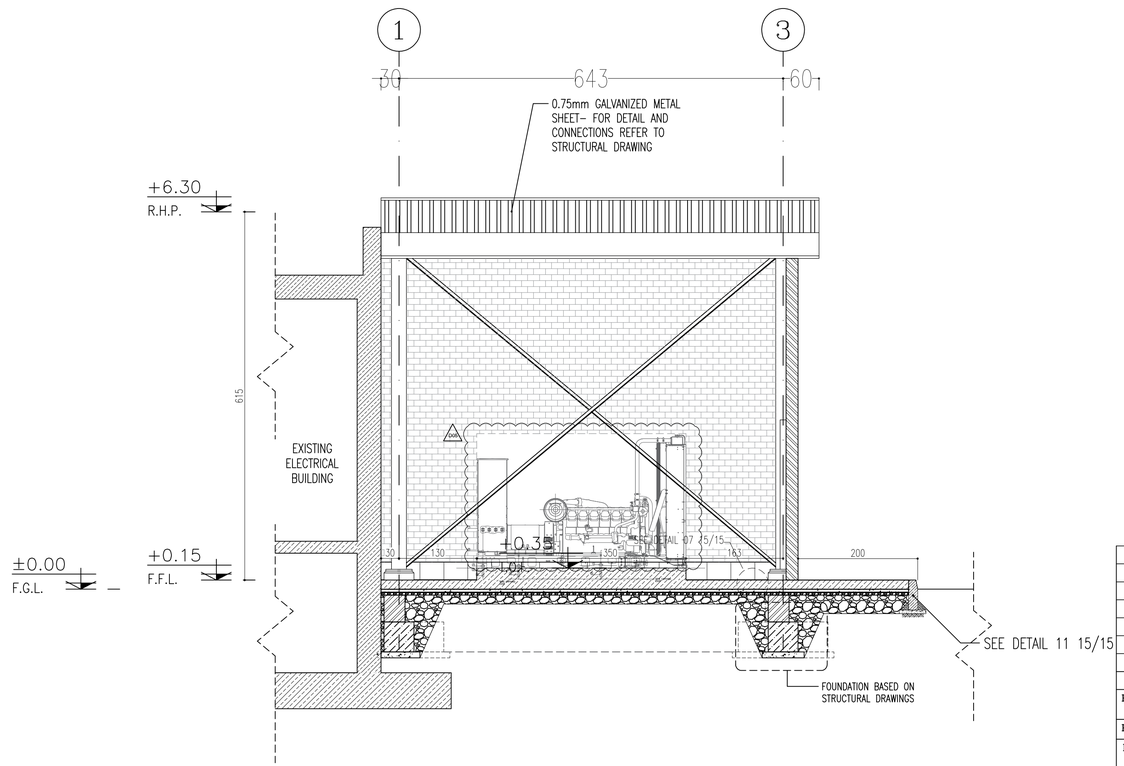
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	B	709100	11 OF 15	D06



E SECTION
SC.1:50 10 OF 15



F SECTION
SC.1:50 10 OF 15

NOTES

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6. ARCHITECTURAL DETAIL DESIGN WILL BE REVISED BASED ON APPROVED STRUCTURAL DRAWINGS.
7. ELEVATION CODE : LOCAL ±0.0m CORRESPONDS TO GLOBAL +11.10m

LEGEND

LEAN CONCRETE
REINFORCED CONCRETE
PRESSED BRICK
STONE
EXPANSION JOINT FILLER (PLASTOFOAM)
TERRAZZO TILES FOR ROOF – 30x30cm
BLOCKAGE

F.FL.	FINISHED FLOOR	B.O.P.	BOTTOM OF PIT
T.O.WA	TOP OF WAIKWAY	F.G.L.	FINISH GRADING LEVEL
T.O.P.	TOP OF PARAPET	T.O.T.	TOP OF TRENCH
T.O.FOU.	TOP OF FOUNDATION	C.O.S.	CENTER OF SLEEVE
M.D	METAL DOOR	B.O.S.	BOTTOM OF SLEEVE
T.O.R.	TOP OF ROOF	B.O.O.	BOTTOM OF OPENING
T.O.D.	TOP OF DOOR	B.O.T.	BOTTOM OF TRENCH
B.O.Ca.	BOTTOM OF CAGE	B.O.P.	BOTTOM OF PIT
T.O.Ca.	TOP OF CAGE	R.H.P.	ROOF HIGHEST POINT
B.O.G.	BOTTOM OF GUTTER	R.L.P.	ROOF LOWEST POINT
T.O.Ca.	TOP OF CAGE	N.G.R.	NEUTRAL GROUND RESISTOR
M.D.	METAL DOOR	B.P.D.	BLAST–PROOF DOOR
T.O.S.	TOP OF SLAB	F.D.	FENCE DOOR

REFERENCE DRAWING	DRG. No.
STANDARD DRAWING FOR ARCHITECTURAL DETAILS	BK-GNRAL-PEDCO-000-AR-DW-0001
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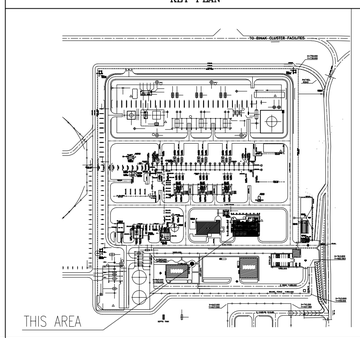
Unit Plot Plan Drawing	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN



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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

DRAWING TITLE: ARCHITECTURAL DETAIL DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING
SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-GCS-PEDCO-120-AR-DW-0002	12 OF 15	D06

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

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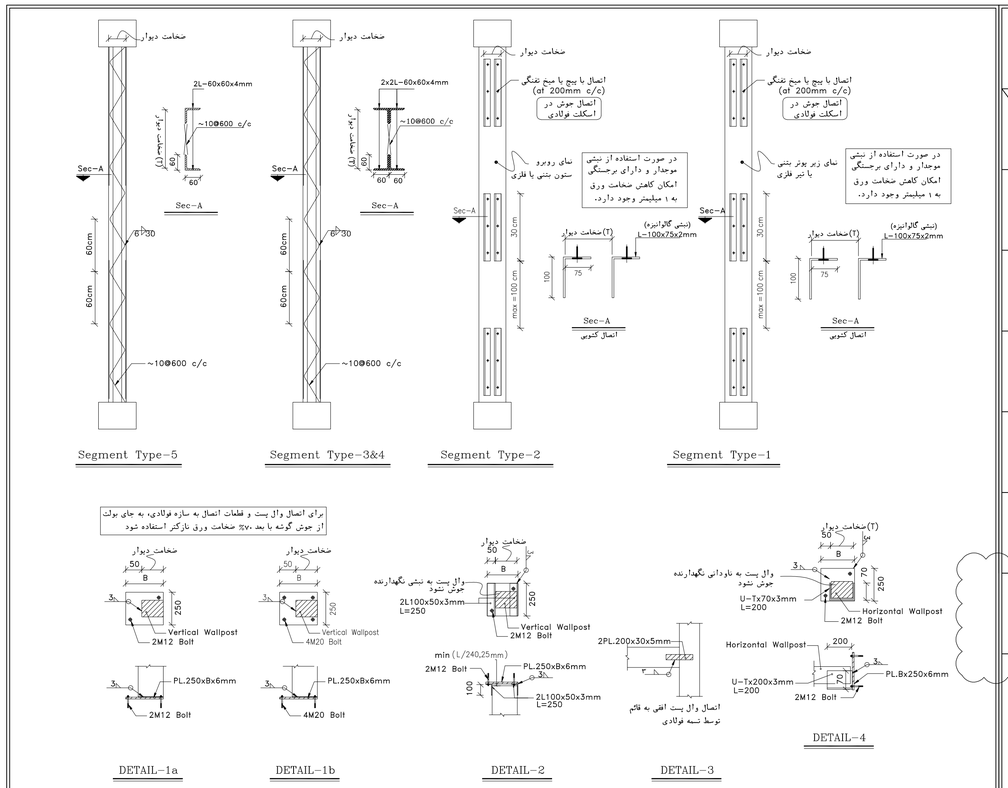
BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

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
053-073-9184	F	4	B	709100	12 OF 15	D06



FINISHING SCHEDULE

	AREA	FLOOR	INTERNAL SKIRTING	EXTERNAL SKIRTING	INTERNAL WALL	EXTERNAL WALL	CEILING
100	CAPACITOR BANK	TERRAZZO TILE	DARK GRANITE STONE 100cm	DARK GRANITE STONE 40cm	2 CM CEMENT PLASTER+GYPSUM PLASTER+OIL PAINT FINISH	BRICK FACING	2 CM CEMENT PLASTER+GYPSUM PLASTER+OIL PAINT FINISH
101	CO2 ROOM	TERRAZZO TILE	DARK GRANITE STONE 100cm	DARK GRANITE STONE 40cm	2 CM CEMENT PLASTER+GYPSUM PLASTER+OIL PAINT FINISH	BRICK FACING	2 CM CEMENT PLASTER+GYPSUM PLASTER+OIL PAINT FINISH
102	TRANSFORMER ROOM	CONCRETE	DARK GRANITE STONE 30cm	—	WHITE CEMENT PLASTER	DARK GRANITE STONE	0.75mm CORRUGATED GALVANIZED SHEET
103	FIRE-FIGHTING PUMP TRANSFORMER ROOM	CONCRETE	DARK GRANITE STONE 30cm	—	WHITE CEMENT PLASTER	DARK GRANITE STONE	0.75mm CORRUGATED GALVANIZED SHEET
104	DIESEL ROOM	CONCRETE	DARK GRANITE STONE 30cm	DARK GRANITE STONE 40cm	BRICK FACING	BRICK FACING	0.75mm CORRUGATED GALVANIZED SHEET
105	ROOF	TERRAZZO TILE	TERRAZZO TILE	—	CEMENT PLASTER	—	—

8 FINISHING SCHEDULE

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LEGEND

LEAN CONCRETE
REINFORCED CONCRETE
PRESSED BRICK
STONE
EXPANSION JOINT FILLER (PLASTOFOAM)
TERRAZZO TILES FOR ROOF – 30x30cm
BLOCKAGE

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T.O.WA	TOP OF WAIKWAY	F.G.L.	FINISH GRADING LEVEL
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T.O.FOU.	TOP OF FOUNDATION	C.O.S.	CENTER OF SLEEVE
M.D	METAL DOOR	B.O.S.	BOTTOM OF SLEEVE
T.O.R.	TOP OF ROOF	B.O.O.	BOTTOM OF OPENING
T.O.D.	TOP OF DOOR	B.O.T.	BOTTOM OF TRENCH
B.O.Ca.	BOTTOM OF CAGE	B.O.P.	BOTTOM OF PIT
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T.O.S.	TOP OF SLAB	F.D.	FENCE DOOR

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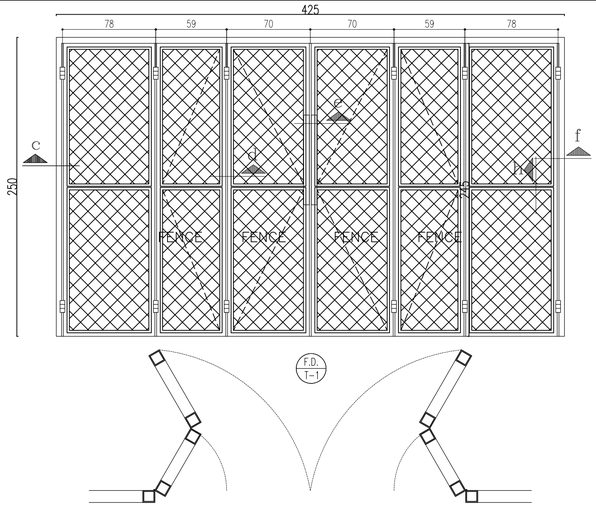
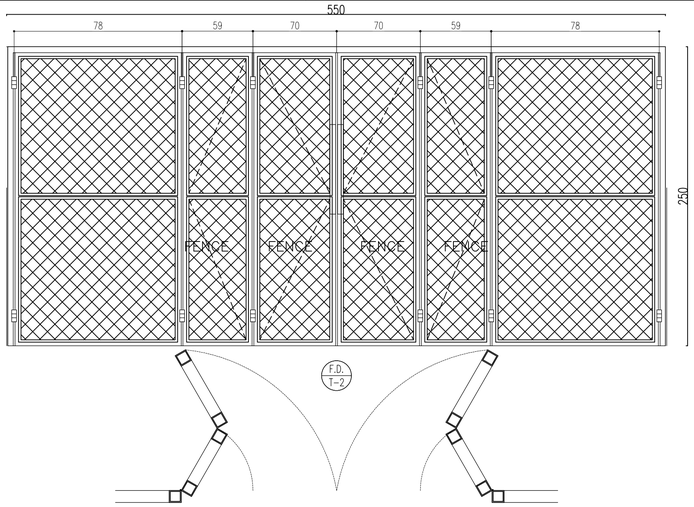


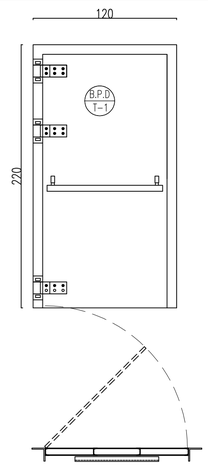
FENCE DOOR(F.D) – TYPE1

TOTAL: 3 Sc:1/25



FENCE DOOR(F.D) – TYPE2

TOTAL: 1 Sc:1/25

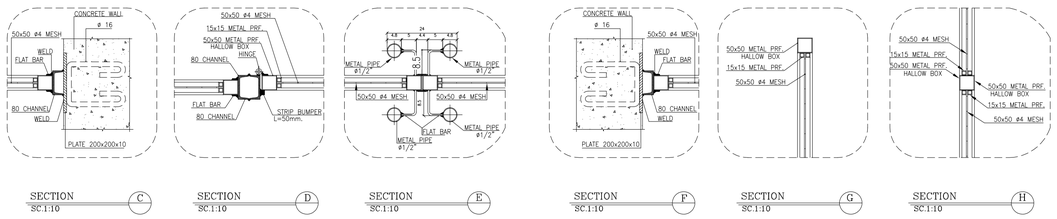


BLAST PROOF DOOR(B.P.D). – TYPE1

LEFT HAND: 2

TOTAL: 2

Sc:1/25



SECTION C SC:1:10

SECTION D SC:1:10

SECTION E SC:1:10

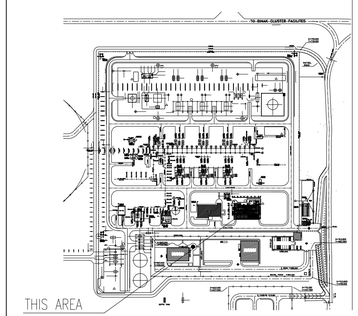
SECTION F SC:1:10

SECTION G SC:1:10

SECTION H SC:1:10

DOOR TYPES

KEY PLAN



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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

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DRAWING TITLE: ARCHITECTURAL DETAIL DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING

DETAILS AND SCHEDULES

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-GCS-PEDCO-120-AR-DW-0002	13 OF 15	D06

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

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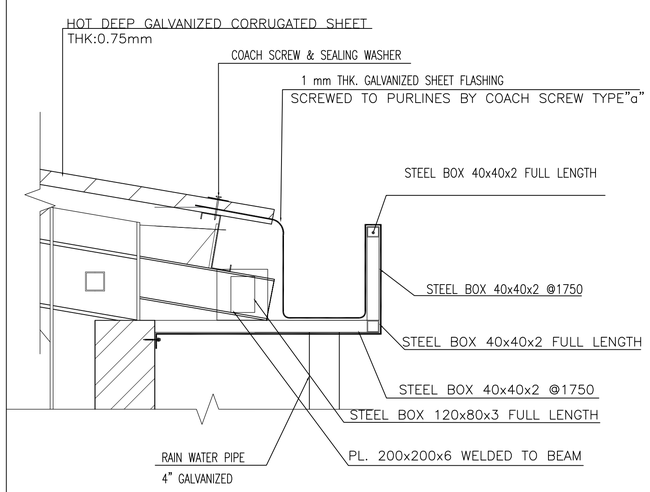
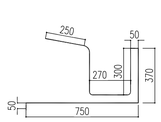
053-073-9184	F	4	B	709100	13 OF 15	D06



DETAIL 01
Sc:1/10



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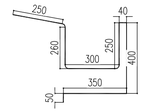

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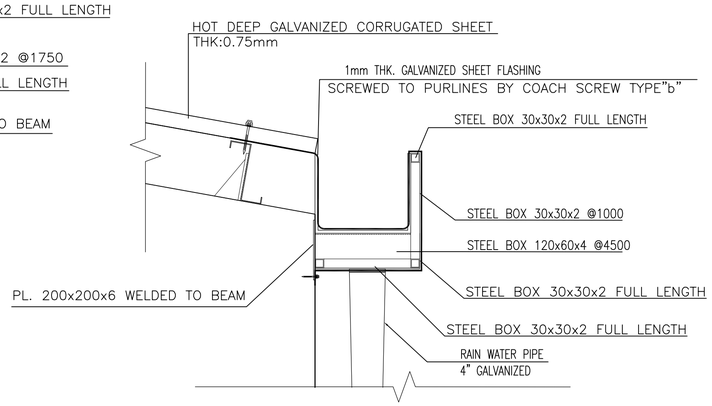
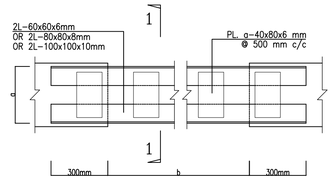


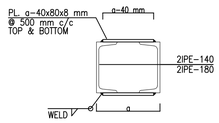
DETAIL 02
Sc:1/10

LINTEL SCHEDULE

WIDTH a	SPAN b mm	PROFILE mm a≥200	PROFILE mm a<200
VARIES– IT DEPENDS ON WALL THICKNESS AND IT'S FINISHING. REFER TO ARCHITECTURAL DWGS.	b≤1100	2L–60x60x6	UNP 100
	1100<b≤1500	2L–80x80x8	UNP 100
	1600<b≤2100	2L–100x100x10	2UNP 80
	2100<b≤3000	2IPE 160	2UNP 100
	3000<b≤3600	2IPE 180	2UNP 100



LINTEL PLAN –2L
Sc: N.T.S.



TYP. SECTION 2–2
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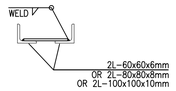

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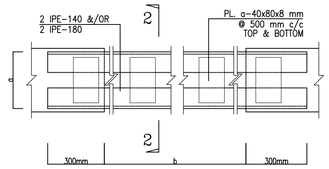

LINTEL PLAN –2 IPE
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6. ARCHITECTURAL DETAIL DESIGN WILL BE REVISED BASED ON APPROVED STRUCTURAL DRAWINGS.
7. ELEVATION CODE : LOCAL ±0.0m CORRESPONDS TO GLOBAL +11.10m

LEGEND

LEAN CONCRETE
REINFORCED CONCRETE
PRESSED BRICK
STONE
EXPANSION JOINT FILLER (PLASTOFOAM)
TERRAZZO TILES FOR ROOF – 30x30cm
BLOCKAGE

F.FL.	FINISHED FLOOR	B.O.P.	BOTTOM OF PIT
T.O.WA	TOP OF WAIKWAY	F.G.L.	FINISH GRADING LEVEL
T.O.P.	TOP OF PARAPET	T.O.T.	TOP OF TRENCH
T.O.FOU.	TOP OF FOUNDATION	C.O.S.	CENTER OF SLEEVE
M.D	METAL DOOR	B.O.S.	BOTTOM OF SLEEVE
T.O.R.	TOP OF ROOF	B.O.O.	BOTTOM OF OPENING
T.O.D.	TOP OF DOOR	B.O.T.	BOTTOM OF TRENCH
B.O.Ca.	BOTTOM OF CAGE	B.O.P.	BOTTOM OF PIT
T.O.Ca.	TOP OF CAGE	R.H.P.	ROOF HIGHEST POINT
B.O.G.	BOTTOM OF GUTTER	R.L.P.	ROOF LOWEST POINT
T.O.Ca.	TOP OF CAGE	N.G.R.	NEUTRAL GROUND RESISTOR
M.D.	METAL DOOR	B.P.D.	BLAST–PROOF DOOR
T.O.S.	TOP OF SLAB	F.D.	FENCE DOOR

REFERENCE DRAWING	DRG. No.
STANDARD DRAWING FOR ARCHITECTURAL DETAILS	BK–GNRAL–PEDCO–000–AR–DW–0001
SITE SEWARAGE SYSTEM LAYOUT & DETAILS	BK–GCS–PEDCO–120–CV–PY–0001
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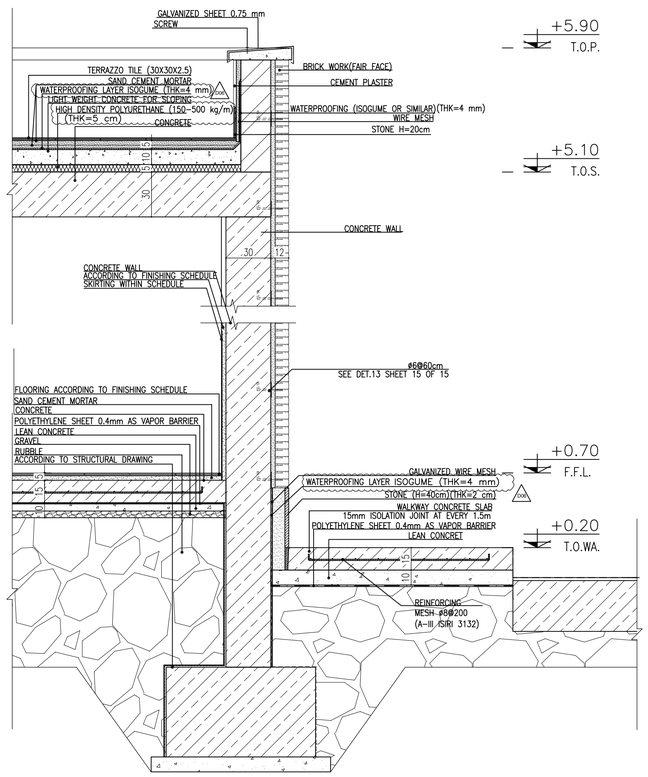
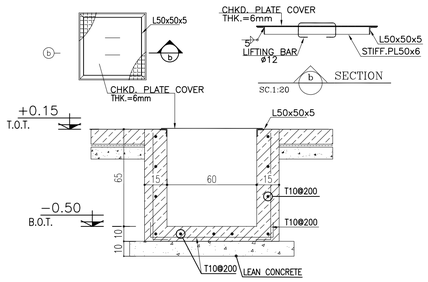
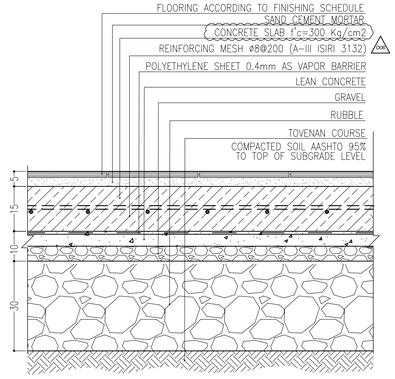
ELECTRICAL CABLE ROUTE & SECTION LAYOUT FOR BUILDING & SHELTER	BK–GCS–PEDCO–120–EL–PY–0006
FOUNDATION DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING	BK–GCS–PEDCO–120–ST–DW–0063
STRUCTURAL DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING	BK–GCS–PEDCO–120–ST–DW–0064
STANDARD DETAILS FOR LADDER & SAFETY CAGE	BK–GNRAL–PEDCO–000–ST–DW–0009
ELECTRICAL EQUIPMENT ARRANGEMENT LAYOUT FOR BUILDING	BK–GCS–PEDCO–120–ST–EL–PY–0008
Unit Plot Plan Drawing	BK–GCS–PEDCO–120–PI–PY–0001



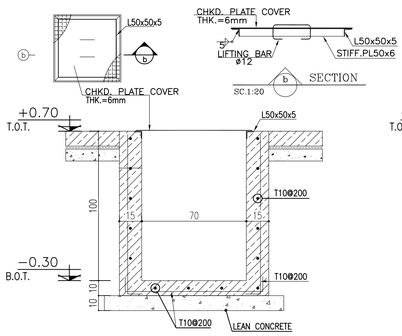
DETAIL 03–WALL SECTION
Sc:1/20



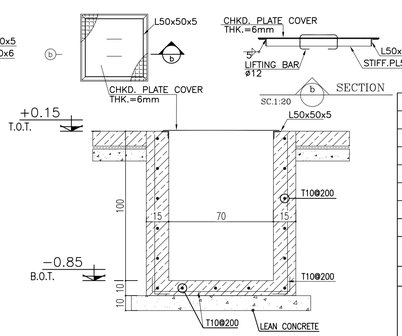
DETAIL 04
Sc:1/20



DETAIL 07–FLOORING (GROUND FLOOR)
Sc:1/10

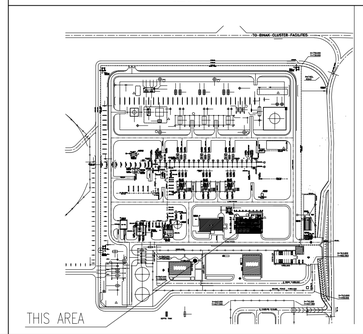


DETAIL 05
Sc:1/20



DETAIL 06
Sc:1/20

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D06	NOV.2023	AFC	R.BERLOUIE	M.FAKHARIAN	S.Faramarzpour	**.**
D05	SEP.2023	AFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	AUG.2023	IFA	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	AUG.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	APR.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	JAN.2022	IFC	R.BERLOUIE	M.FAKHARIAN	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

DRAWING TITLE: ARCHITECTURAL DETAIL DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING
DETAILS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK–GCS–PEDCO–120–AR–DW–0002	14 OF 15	D06

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

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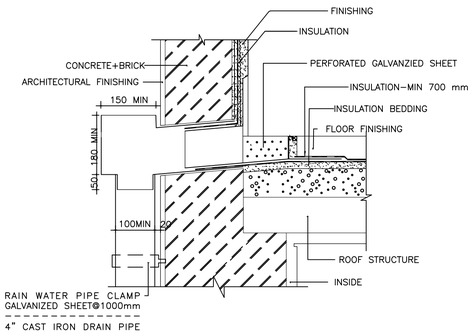
BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

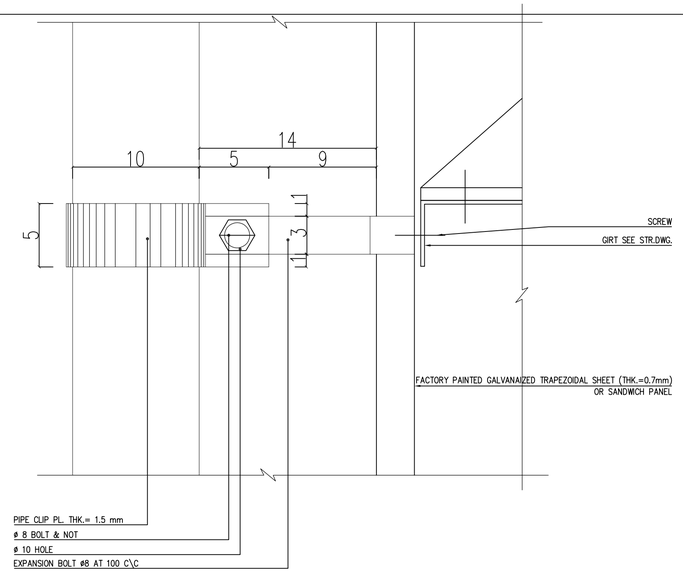
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

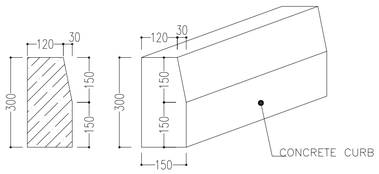
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053–073–9184	F	4	B	709100	14 OF 15	D06



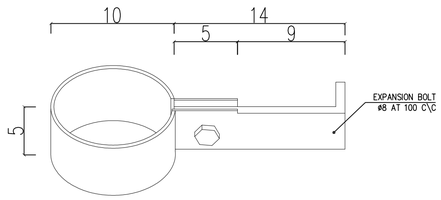
DETAIL 08 –RAIN WATER DISPOSAL
Sc:1/10



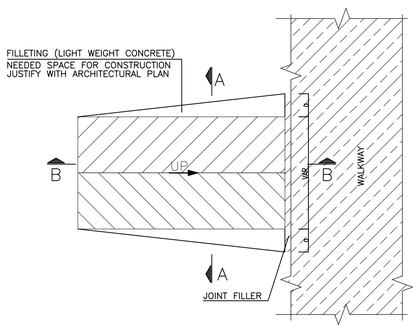
DETAIL 09–TYPICAL PIPE CLIP ON TRAPEZOIDAL SHEET
Sc:1/20



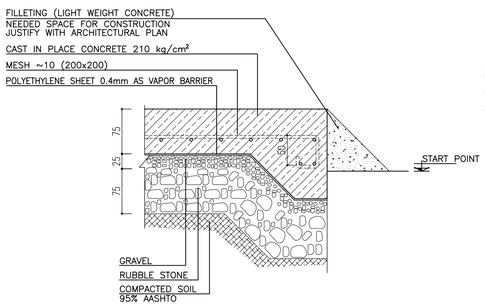
DETAIL 11CONCRETE CURB
Sc:1/10



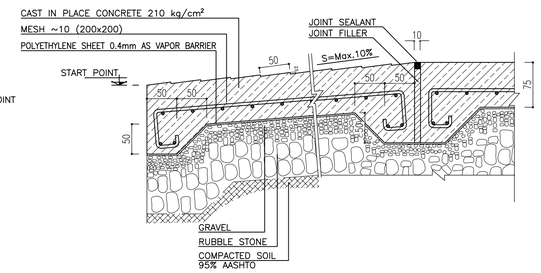
DETAIL 09–TYPICAL PIPE CLIP ON TRAPEZOIDAL SHEET
Sc:1/20



DETAIL 12–RAMP
Sc:1/20



A
SC.1:10



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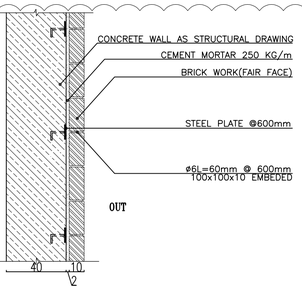
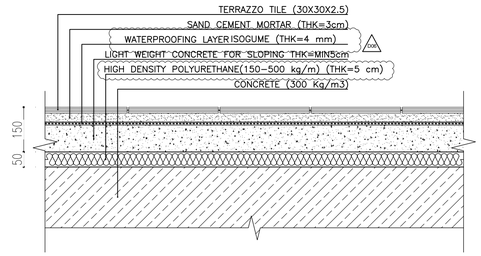
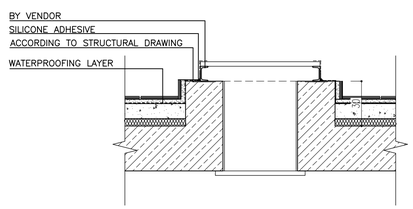
SC.1:10



DETAIL 13– CONNECTING BRICK FACE TO CONCRETE WALL
Sc:1/20



DETAIL 14 (ROOF)
Sc:1/10



DETAIL 15 (VENTILATION FAN ON ROOF)
Sc:1/20

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REINFORCED CONCRETE
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TERRAZZO TILES FOR ROOF – 30x30cm
BLOCKAGE

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T.O.P.	TOP OF PARAPET	T.O.T.	TOP OF TRENCH
T.O.FOU.	TOP OF FOUNDATION	C.O.S.	CENTER OF SLEEVE
M.D	METAL DOOR	B.O.S.	BOTTOM OF SLEEVE
T.O.R.	TOP OF ROOF	B.O.O.	BOTTOM OF OPENING
T.O.D.	TOP OF DOOR	B.O.T.	BOTTOM OF TRENCH
B.O.Ca.	BOTTOM OF CAGE	B.O.P.	BOTTOM OF PIT
T.O.Ca.	TOP OF CAGE	R.H.P.	ROOF HIGHEST POINT
B.O.G.	BOTTOM OF GUTTER	R.L.P.	ROOF LOWEST POINT
T.O.Ca.	TOP OF CAGE	N.G.R.	NEUTRAL GROUND RESISTOR
M.D.	METAL DOOR	B.P.D.	BLAST–PROOF DOOR
T.O.S.	TOP OF SLAB	F.D.	FENCE DOOR

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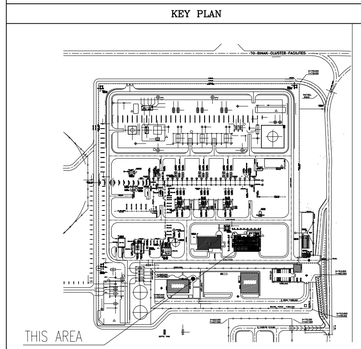
Unit Plot Plan Drawing	BK–GCS–PEDCO–120–PI–PY–0001

KEY PLAN



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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: ARCHITECTURAL DETAIL DRAWING FOR EXTENSION OF EXISTING ELECT. BUILDING
DETAILS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK–GCS–PEDCO–120–AR–DW–0002	15 OF 15	D06

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
053–073–9184	F	4	B	709100	15 OF 15	D06