INSTRUMENT LOCATION LAYOUT

NOTES

LEGEND

REFERENCE DRAWING	DRG. No.

KEY PLAN

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	DEC.2023	IFA	P.Hajizadeghi	M.FAKHARIAN	S.FARAMAREZPOUR	**.**
D01	JUL.2023	IFA	P.Hajizadeghi	M.FAKHARIAN	A.M.MOHSENI	**.**
D00	AGU.2022	IFC	P.Hajizadeghi	M.FAKHARIAN	M.MEHRSHAD	**.**

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

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 LOCATION LAYOUT

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
N.T.S	A3	BK-GCS-PEDCO-120-IN-PY-0003	01 OF 22	D02	0-53-073-9184	F	2	J	708958	01 OF 22	D02

RECORD SHEET

Page \ Rev.	D00	D01	D02	D03	D04	Page \ Rev.	D00	D01	D02	D03	D04	Page \ Rev.	D00	D01	D02	D03	D04	Page \ Rev.	D00	D01	D02	D03	D04
1	X	X	X			36						71						106					
2	X	X	X			37						72						107					
3	X	X	X			38						73						108					
4	X	X	X			39						74						109					
5	X	X	X			40						75						110					
6	X	X	X			41						76						111					
7	X	X	X			42						77						112					
8	X	X	X			43						78						113					
9	X	X	X			44						79						114					
10	X	X	X			45						80						115					
11	X	X	X			46						81						116					
12	X	X	X			47						82						117					
13	X	X	X			48						83						118					
14	X	X	X			49						84						119					
15	X	X	X			50						85						120					
16	X	X	X			51						86						121					
17	X	X	X			52						87						122					
18	X	X	X			53						88						123					
19	X	X	X			54						89						124					
20		X	X			55						90						125					
21		X	X			56						91						126					
22			X			57						92						127					
23						58						93						128					
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35						70						105						140					

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		CHECKED		REV. APPR.	
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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

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DRAWING TITLE: INSTRUMENT LOCATION LAYOUT

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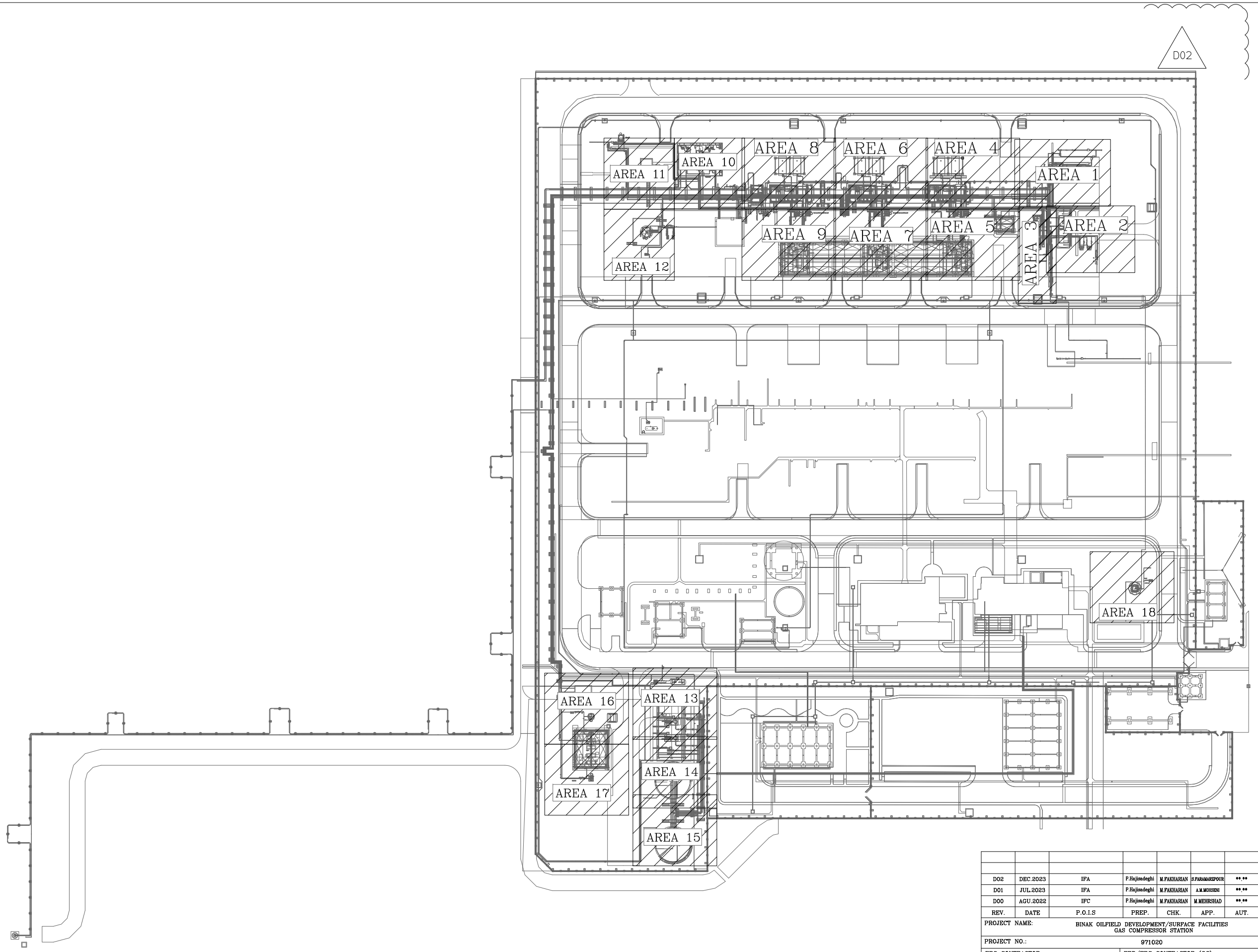
N.T.S	A3	BK-GCS-PEDCO-120-IN-PY-0003	02 OF 22	D02	0-53-073-9184	F	2	J	708958	02 OF 22	D02



LEGEND

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LEGEND

REFERENCE DRAWING	DRG. No.
PDMS MODEL REVIEW REPORT (90%)	BK-GCS-PEDCO-120-PI-RT-0005
INSTRUMENT INDEX	BK-GCS-PEDCO-120-IN-0001
INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING	BK-GCS-PEDCO-120-IN-PY-0004
UNIT PLOT PLAN DRAWING	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	DEC.2023	IFA	P.Hajimdeghi	M.FAKHARIAN	S.PARAMAREZPOUR	**.**
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D00	AGU.2022	IFC	P.Hajimdeghi	M.FAKHARIAN	M.MEHRSHAD	**.**

REV.	DESCRIPTION	CHECKED BY	CHECKED DATE	APPR. BY	APPR. DATE
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EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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N.T.S	A3	BK-GCS-PEDCO-120-IN-PY-0003	03 OF 22	D02	0-53-073-9184	F	2	J	708958	03 OF 22	D02

TAG NO.	EQUIPMENT LIST
AE-2101 A/B/C	1ST STAGE GAS AIR COOLER
AE-2102 A/B/C	2ND STAGE GAS AIR COOLER
C-2101 A/B/C	1ST STAGE GAS COMPRESSORS
C-2102 A/B/C	2ND STAGE GAS COMPRESSORS
FST-2201	LP FLARE STACK
IG-2201	LP FLARE IGNITION PACKAGE
P-2101 A/B	SLUG PUMPS
P-2102	GLYCOL MANUAL PUMP
P-2103 A/B	GLYCOL TRANSFER PUMPS
P-2104	GLYCOL DRAIN PUMP
DELETED	DELETED
P-2201 A/B	FLARE K.O. DRUM PUMPS
P-2202 A/B	CLOSED DRAIN PUMPS
P-2203 A/B	SUMP PUMPS
P-2206	FUEL OIL PUMP
P-2209	POTABLE WATER PUMP
P-2301 A	FIRE WATER PUMP – ELECTRICAL MOTOR DRIVEN
P-2301 B	FIRE WATER PUMP – DIESEL ENGINE DRIVEN
P-2302 A/B	FIRE WATER JOCKEY PUMPS
PK-2101	GAS DEHYDRATION PACKAGE
PK-C-2203 A/B	AIR COMPRESSOR PACKAGES
PK-DR-2203A/B	AIR DRYER PACKAGE
PK-C-2204	NITROGEN COMPRESSOR PACKAGE
PK-G-2204	NITROGEN GENERATION PACKAGE
PK-2206	DIESEL GENERATOR PACKAGE
PK-2207	CORROSION INHIBITOR INJECTION PACKAGE
DELETED	DELETED
PL-3201	PIG LAUNCHER
PR-2002	GOLKHARI-3 PIG RECEIVER (BY OTHERS)
DELETED	DELETED
SU-2201	CLOSED DRAIN AND FLARE DRUM SUMP
SU-2202	OILY WATER SUMP
DELETED	DELETED
TK-2102	LEAN GLYCOL STORAGE TANK
TK-2209	POTABLE WATER TANK
TK-2301 A/B	FIRE WATER STORAGE TANKS
V-2101 A/B/C	1ST STAGE GAS SUCTION DRUM
V-2102 A/B/C	2ND STAGE GAS SUCTION DRUM
V-2103	2ND STAGE GAS DISCHARGE DRUM
V-2104	SLUG CATCHER DRUM
V-2105	INLET KNOCK OUT DRUM
DELETED	DELETED
V-2107	GLYCOL SUMP DRUM
V-2201	FLARE K.O. DRUM
V-2202	CLOSED DRAIN DRUM
V-2203	INSTRUMENT AIR RECEIVER
V-2204	NITROGEN RECEIVER
V-2205	FUEL GAS K.O. DRUM
V-2206	FUEL OIL STORAGE DRUM
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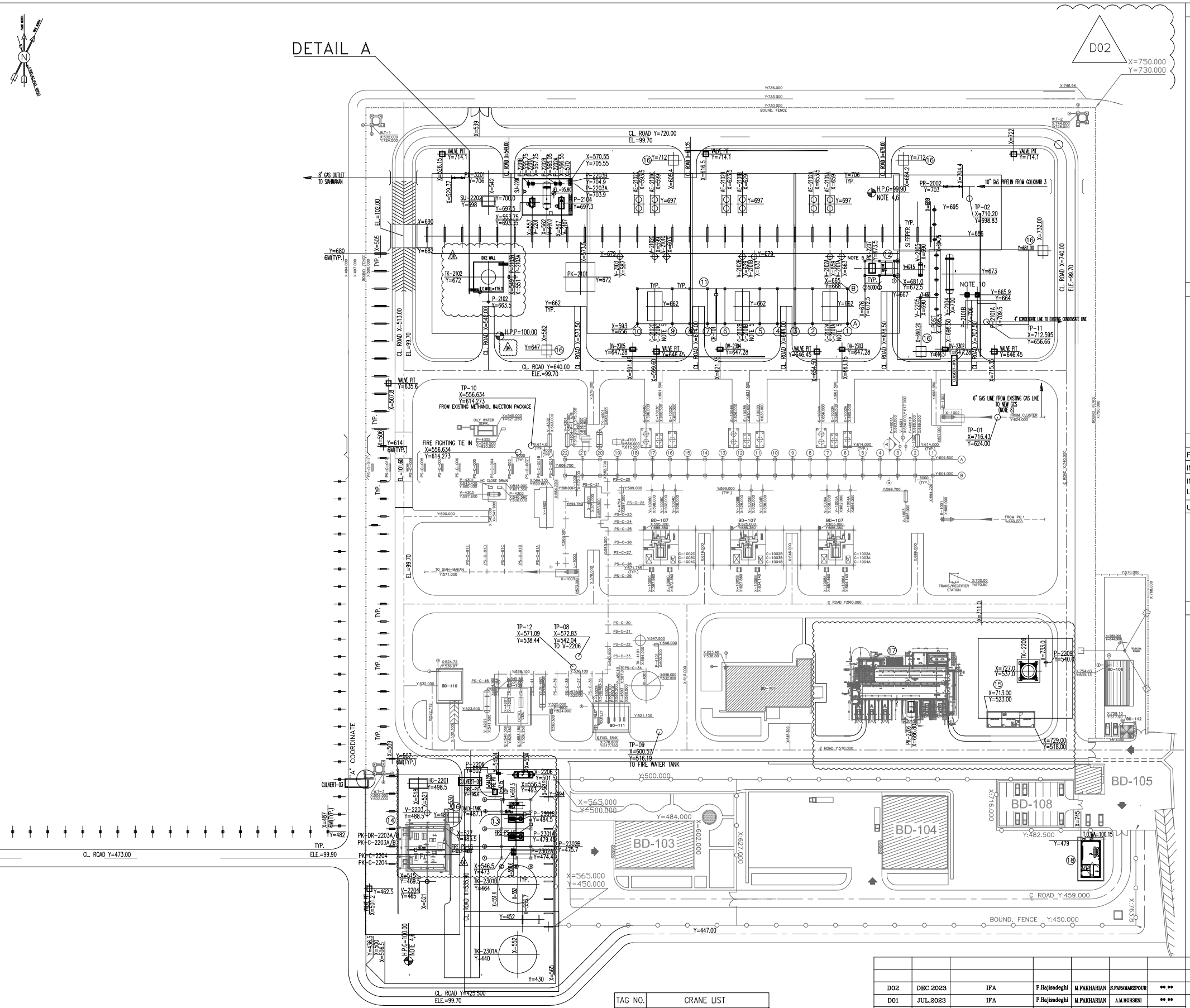

TAG NO.	CRANE LIST
CR-101	MAIN COMPRESSOR SHELTER CRANE
CR-102	UTILITY SHELTER CRANE
CR-103	CHEMICAL INJEC. PACK. & STORAGE SHELTER CRANE
CR-104	FIRE WATER PUMP SHELTER CRANE

TAG NO.	BUILDING LIST
11	GAS COMPRESSOR SHELTER
12	CHEMICAL INJECTION PACKAGE & STORAGE SHELTER
13	FIRE WATER PUMP SHELTER
14	UTILITY SHELTER
15	STORE
16	FIRE SHED
17	EXTENSION OF EXISTING ELECTRICAL BUILDING
18	CCTV CONTROL ROOM

(VENDOR TITLE BLOCK)**

NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
PDMS MODEL REVIEW REPORT (90%)	BK-GCS-PEDCO-120-PI-RT-0005
INSTRUMENT INDEX	BK-GCS-PEDCO-120-IN-0001
INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING	BK-GCS-PEDCO-120-IN-PY-0004
UNIT PLOT PLAN DRAWING	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	DEC.2023	IFA	P.Hajizadeghi	M.PAKHARIAN	S.PARAMAREZPOUR	**.**
D01	JUL.2023	IFA	P.Hajizadeghi	M.PAKHARIAN	A.M.MOHSENI	**.**
D00	AGU.2022	IFC	P.Hajizadeghi	M.PAKHARIAN	M.MEHRSHAD	**.**

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): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

DRAWING TITLE: INSTRUMENT LOCATION LAYOUT

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
N.T.S	A3	BK-GCS-PEDCO-120-IN-PY-0003	04 OF 22	D02

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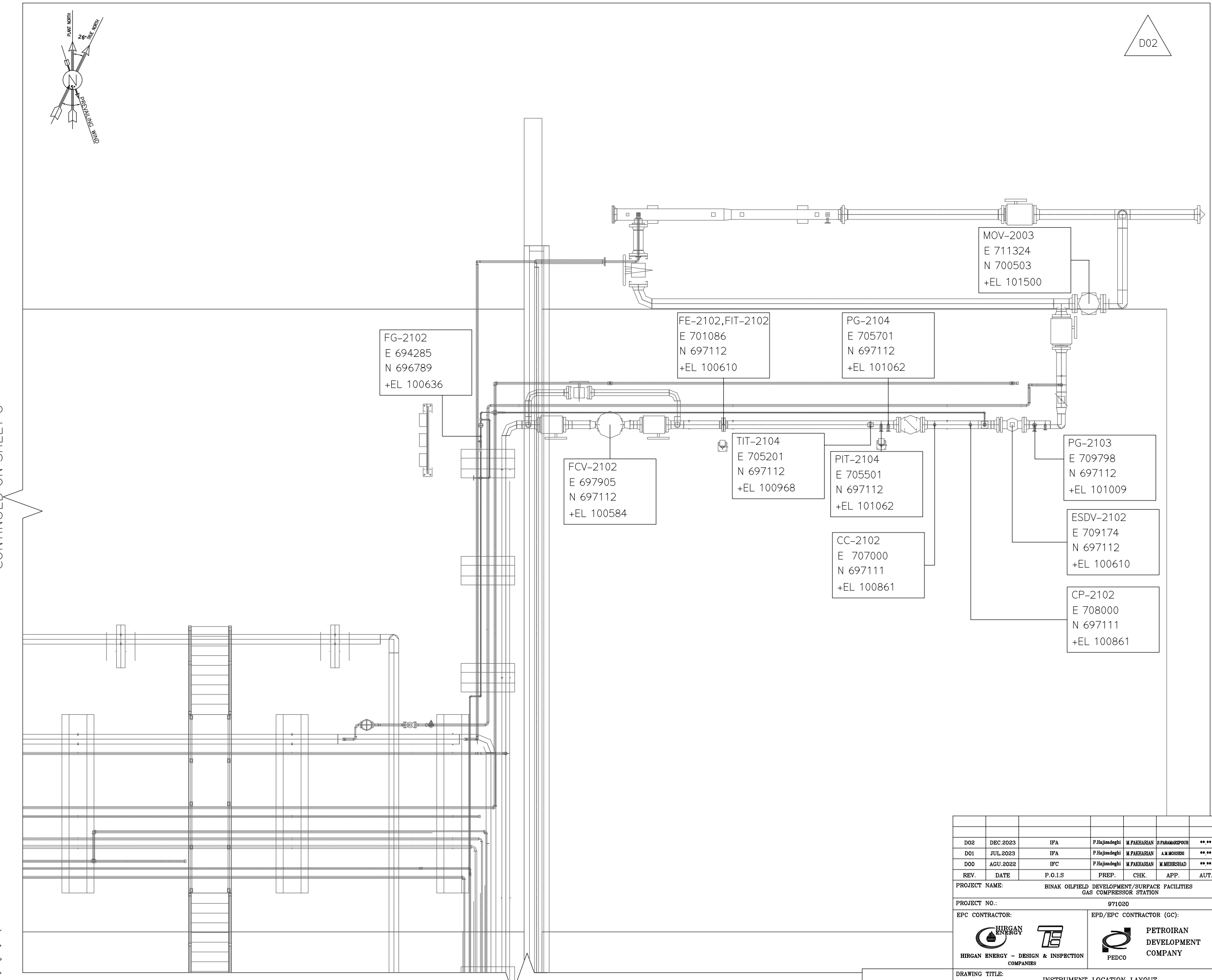
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
0-53-073-9184	F	2	J	708958	04 OF 22	D02



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UNIT PLOT PLAN DRAWING	BK-GCS-PEDCO-120-PI-PY-0001

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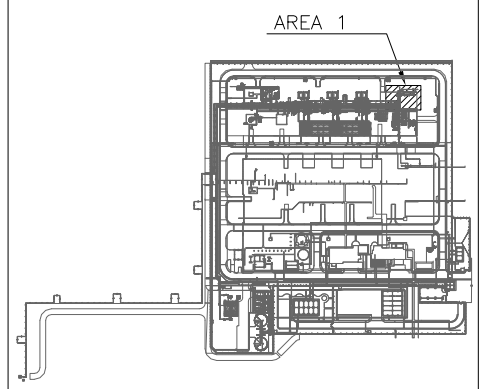

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D02	DEC.2023	IFA	P.Hajizadeghi	M.FAKHARIAN	S.PARAMARZPOUR	**.**
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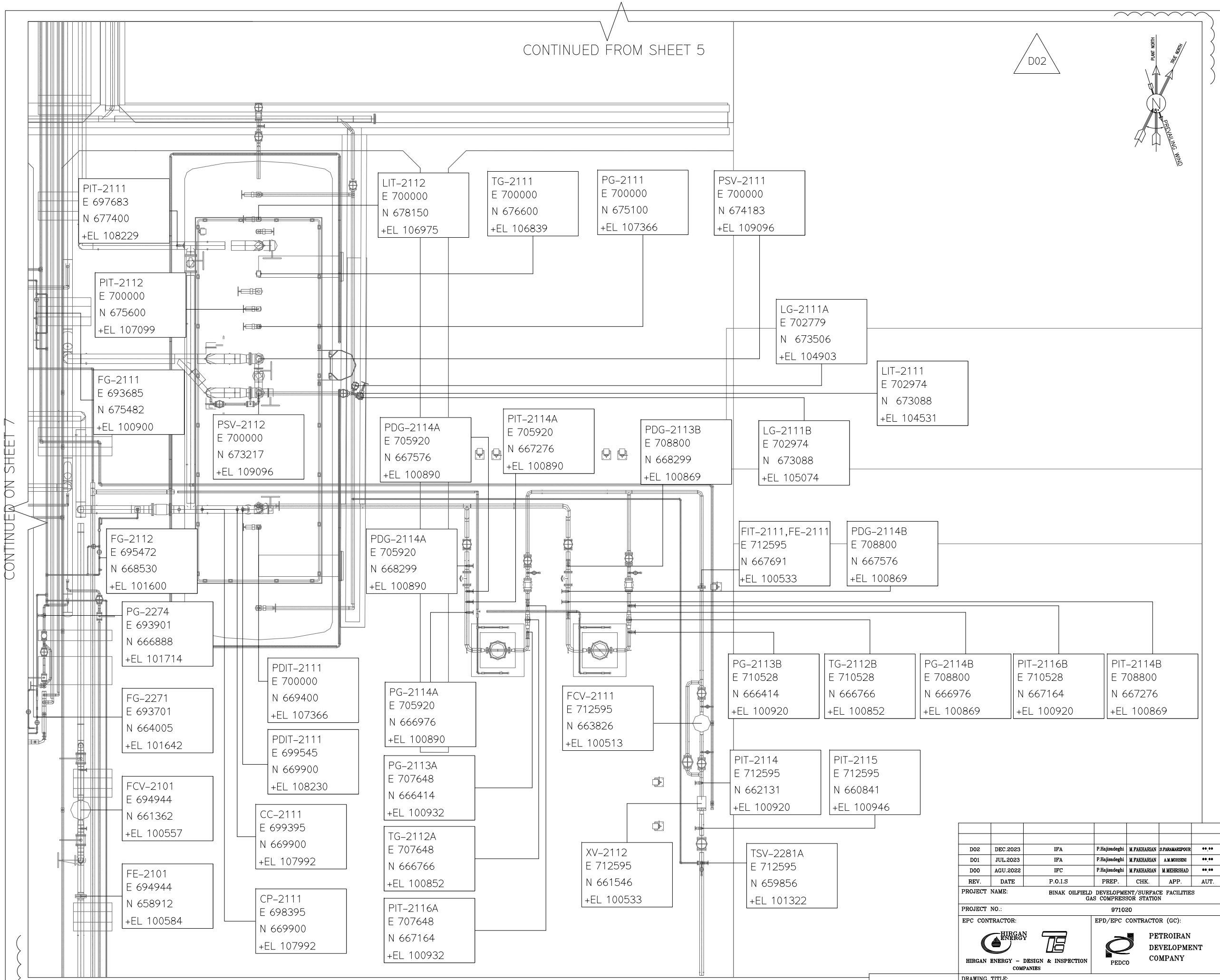
N.T.S	A3	BK-GCS-PEDCO-120-IN-PY-0003	05 OF 22	D02	0-53-073-9184	F	2	J	708958	05 OF 22	D02



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INSTRUMENT INDEX	BK-GCS-PEDCO-120-IN-0001
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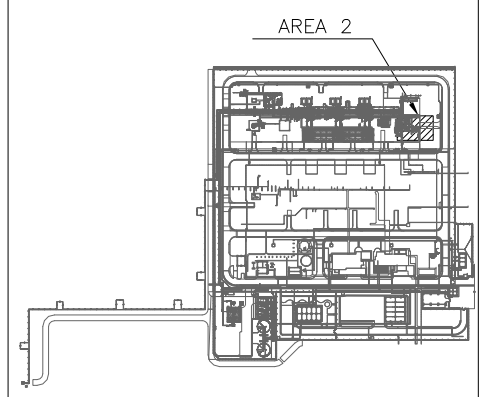

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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
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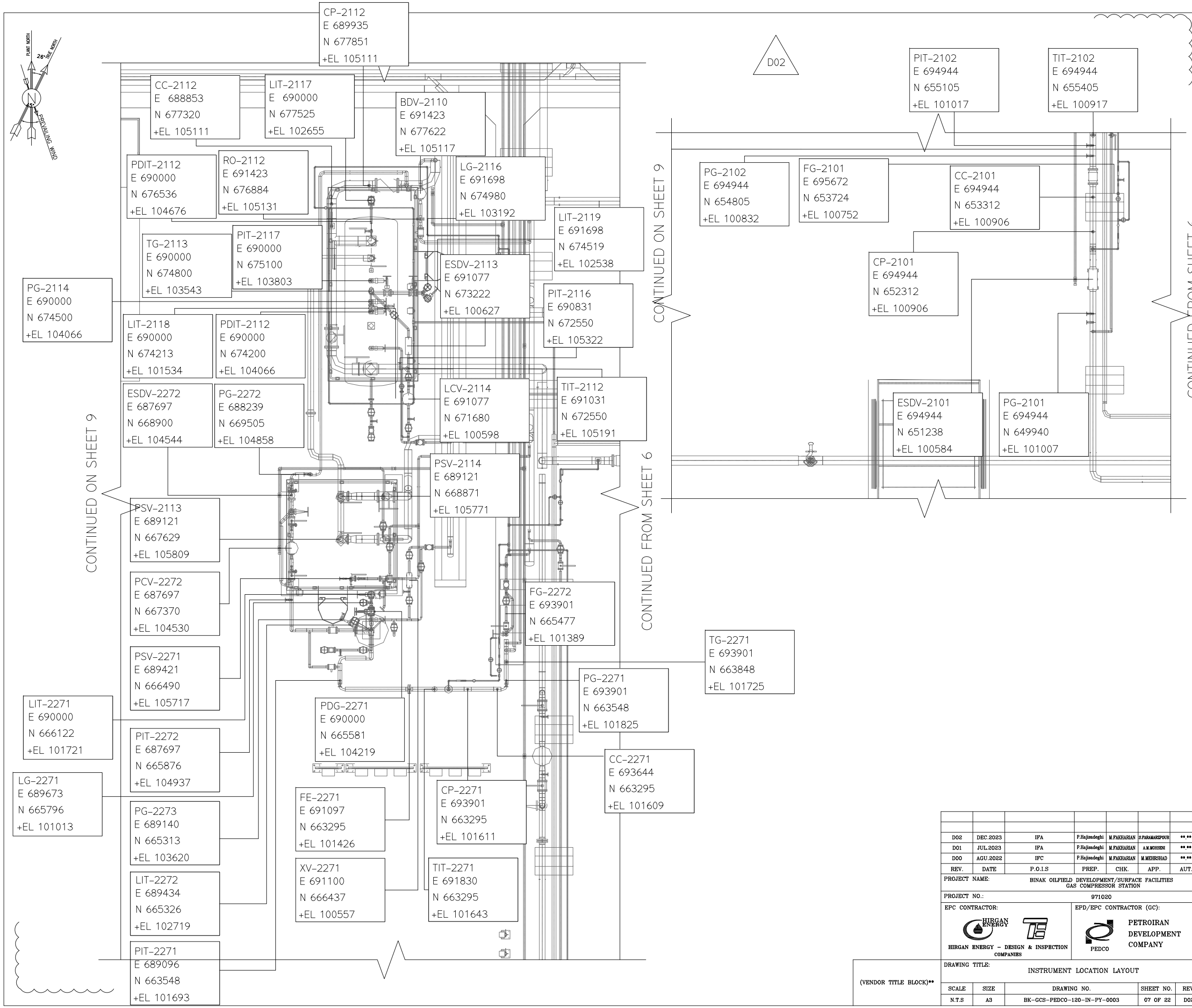

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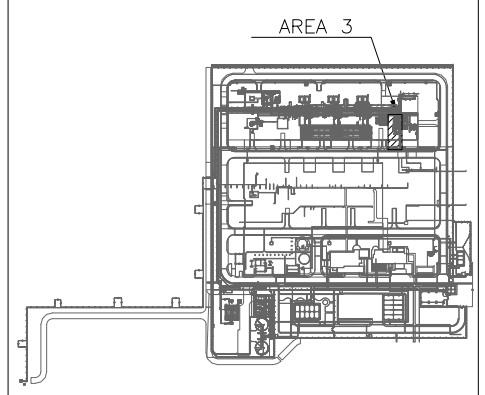

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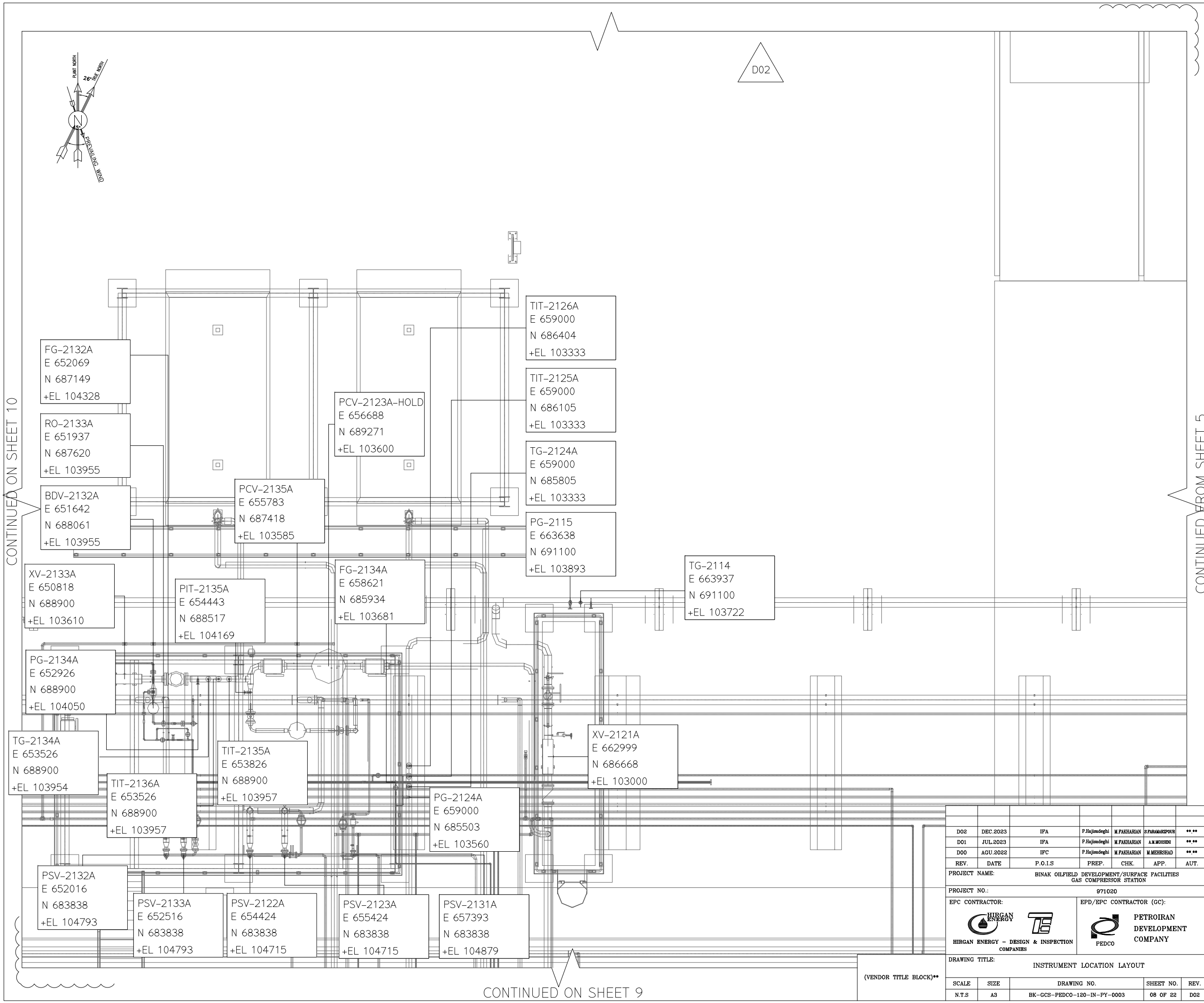

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INSTRUMENT INDEX	BK-GCS-PEDCO-120-IN-0001
INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING	BK-GCS-PEDCO-120-IN-PY-0004
UNIT PLOT PLAN DRAWING	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN

AREA 4

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	DEC.2023	IFA	P.Hajizadeghi	M.FAKHARIAN	S.FARAMARZPOUR	**.**
D01	JUL.2023	IFA	P.Hajizadeghi	M.FAKHARIAN	A.M.MOHSENI	**.**
D00	AGU.2022	IFC	P.Hajizadeghi	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): 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.

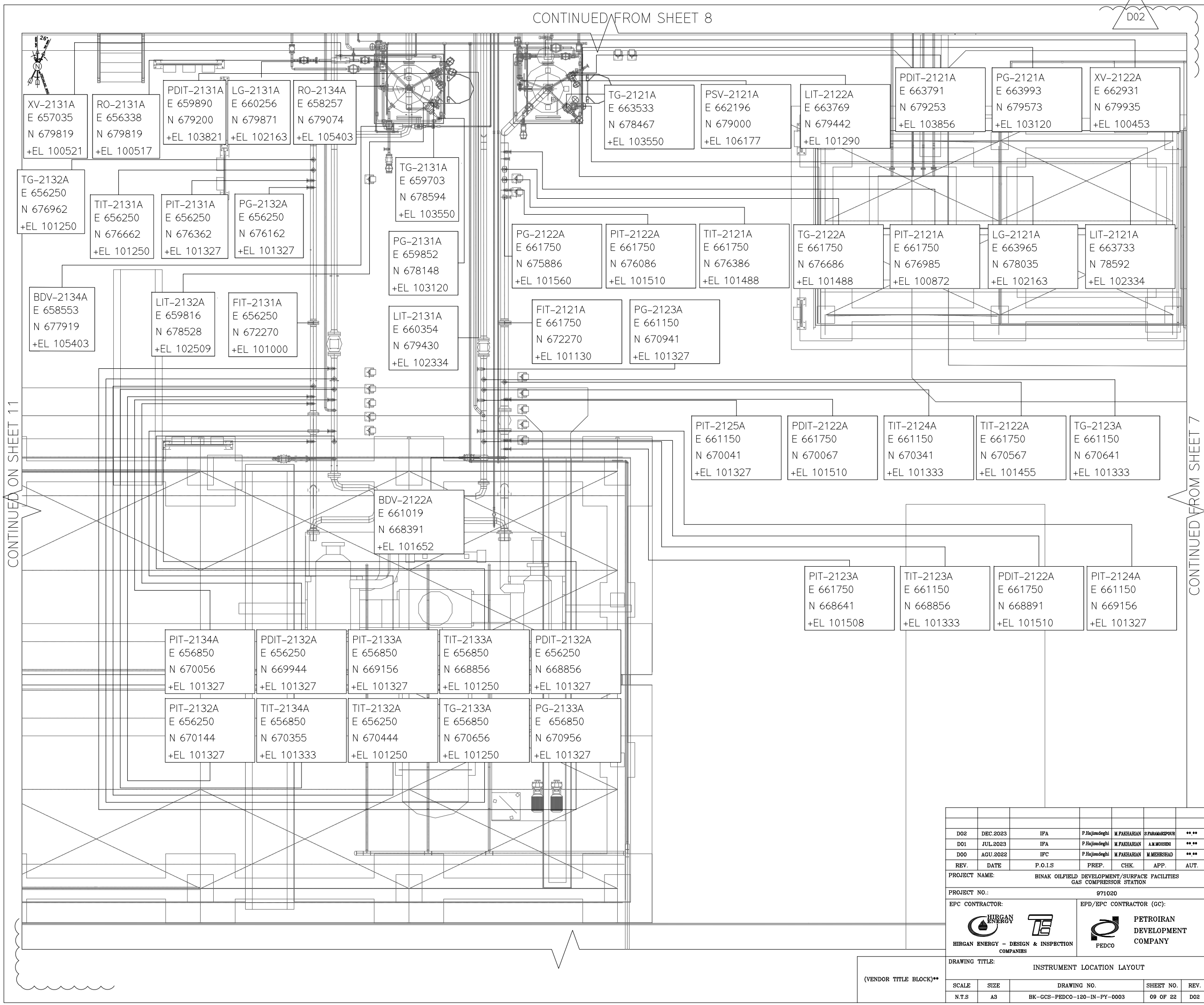
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

(VENDOR TITLE BLOCK)**

DRAWING TITLE: INSTRUMENT LOCATION LAYOUT

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
N.T.S	A3	BK-GCS-PEDCO-120-IN-PY-0003	08 OF 22	D02	0-53-073-9184	F	2	J	708958	08 OF 22	D02



NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
PDMS MODEL REVIEW REPORT (90%)	BK-GCS-PEDCO-120-PI-RT-0005
INSTRUMENT INDEX	BK-GCS-PEDCO-120-IN-0001
INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING	BK-GCS-PEDCO-120-IN-PY-0004
UNIT PLOT PLAN DRAWING	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN

AREA 5

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	DEC.2023	IFA	P.Hajisadeghi	M.FAKHARIAN	S.FARAMARZPOUR	**.**
D01	JUL.2023	IFA	P.Hajisadeghi	M.FAKHARIAN	A.M.MOHSENI	**.**
D00	AGU.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): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

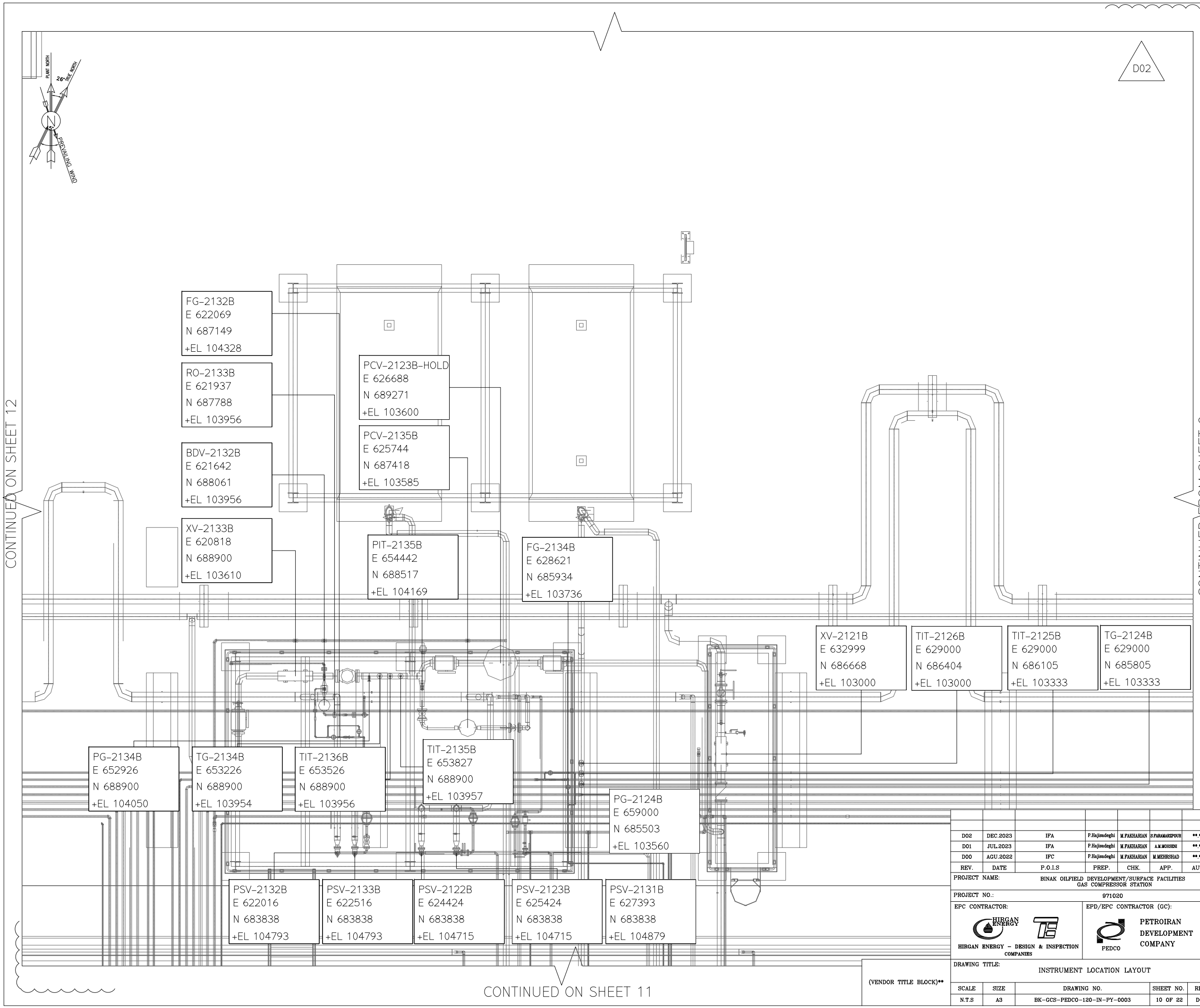
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

DRAWING TITLE: INSTRUMENT LOCATION LAYOUT

(VENDOR TITLE BLOCK)**

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
N.T.S	A3	BK-GCS-PEDCO-120-IN-PY-0003	09 OF 22	D02	0-53-073-9184	F	2	J	708958	09 OF 22	D02



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LEGEND

REFERENCE DRAWING	DRG. No.
PDMS MODEL REVIEW REPORT (90%)	BK-GCS-PEDCO-120-PI-RT-0005
INSTRUMENT INDEX	BK-GCS-PEDCO-120-IN-0001
INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING	BK-GCS-PEDCO-120-IN-PY-0004
UNIT PLOT PLAN DRAWING	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN

AREA 6

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	DEC.2023	IFA	P.Hajisadeghi	M.FAKHARIAN	S.FARAMARZPOUR	**.**
D01	JUL.2023	IFA	P.Hajisadeghi	M.FAKHARIAN	A.M.MOHSENI	**.**
D00	AGU.2022	IFC	P.Hajisadeghi	M.FAKHARIAN	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.

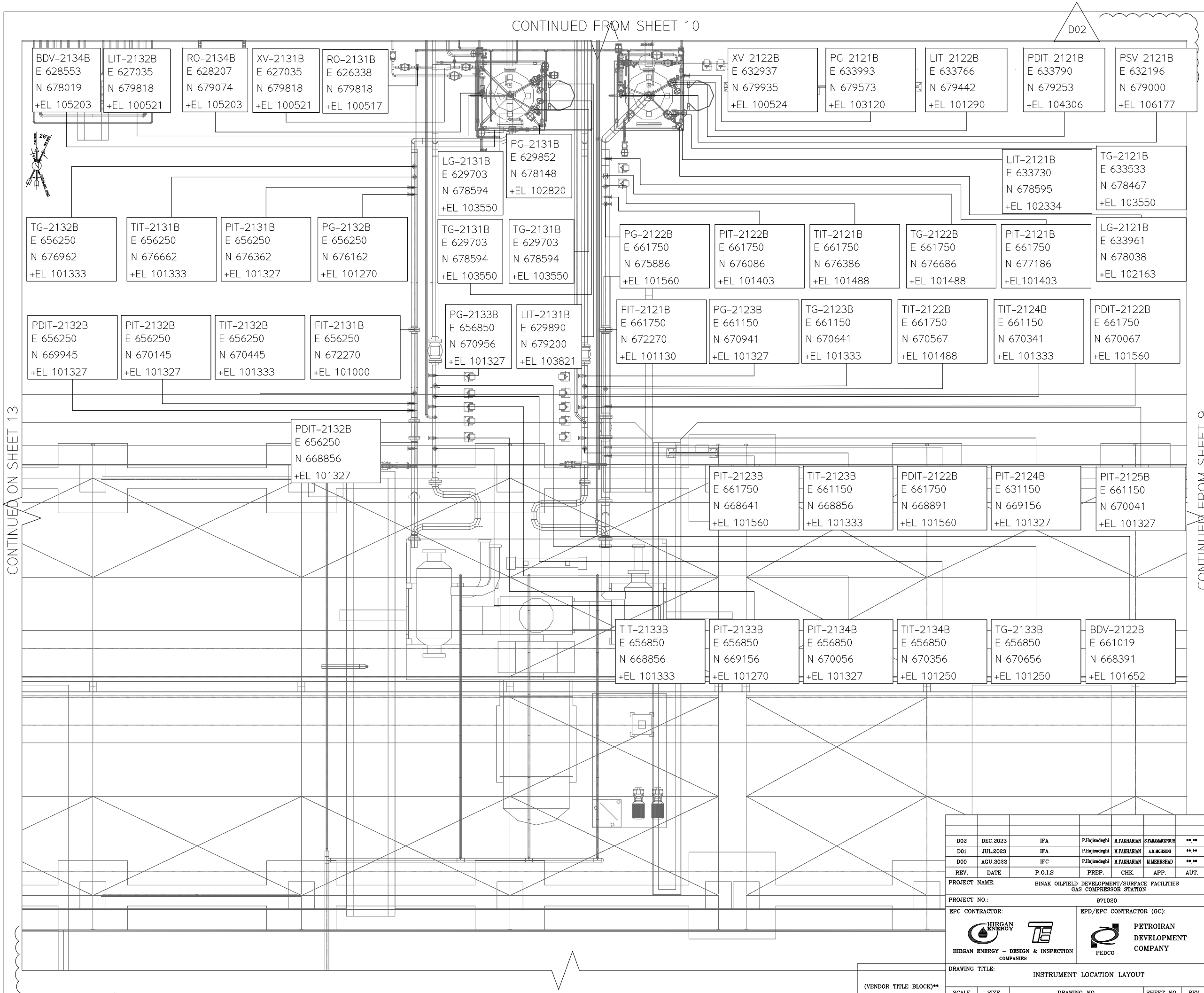
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

(VENDOR TITLE BLOCK)**

DRAWING TITLE: INSTRUMENT LOCATION LAYOUT

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
N.T.S	A3	BK-GCS-PEDCO-120-IN-PY-0003	10 OF 22	D02	0-53-073-9184	F	2	J	708958	10 OF 22	D02



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LEGEND

REFERENCE DRAWING	DRG. No.
PDMS MODEL REVIEW REPORT (90%)	BK-GCS-PEDCO-120-PI-RT-0005
INSTRUMENT INDEX	BK-GCS-PEDCO-120-IN-0001
INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING	BK-GCS-PEDCO-120-IN-PY-0004
UNIT PLOT PLAN DRAWING	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN

AREA 7

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	DEC.2023	IFA	P.Hajisadeghi	M.FAKHARIAN	S.FARAMARZPOUR	**.**
D01	JUL.2023	IFA	P.Hajisadeghi	M.FAKHARIAN	A.M.MOHSENI	**.**
D00	AGU.2022	IFC	P.Hajisadeghi	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)

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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

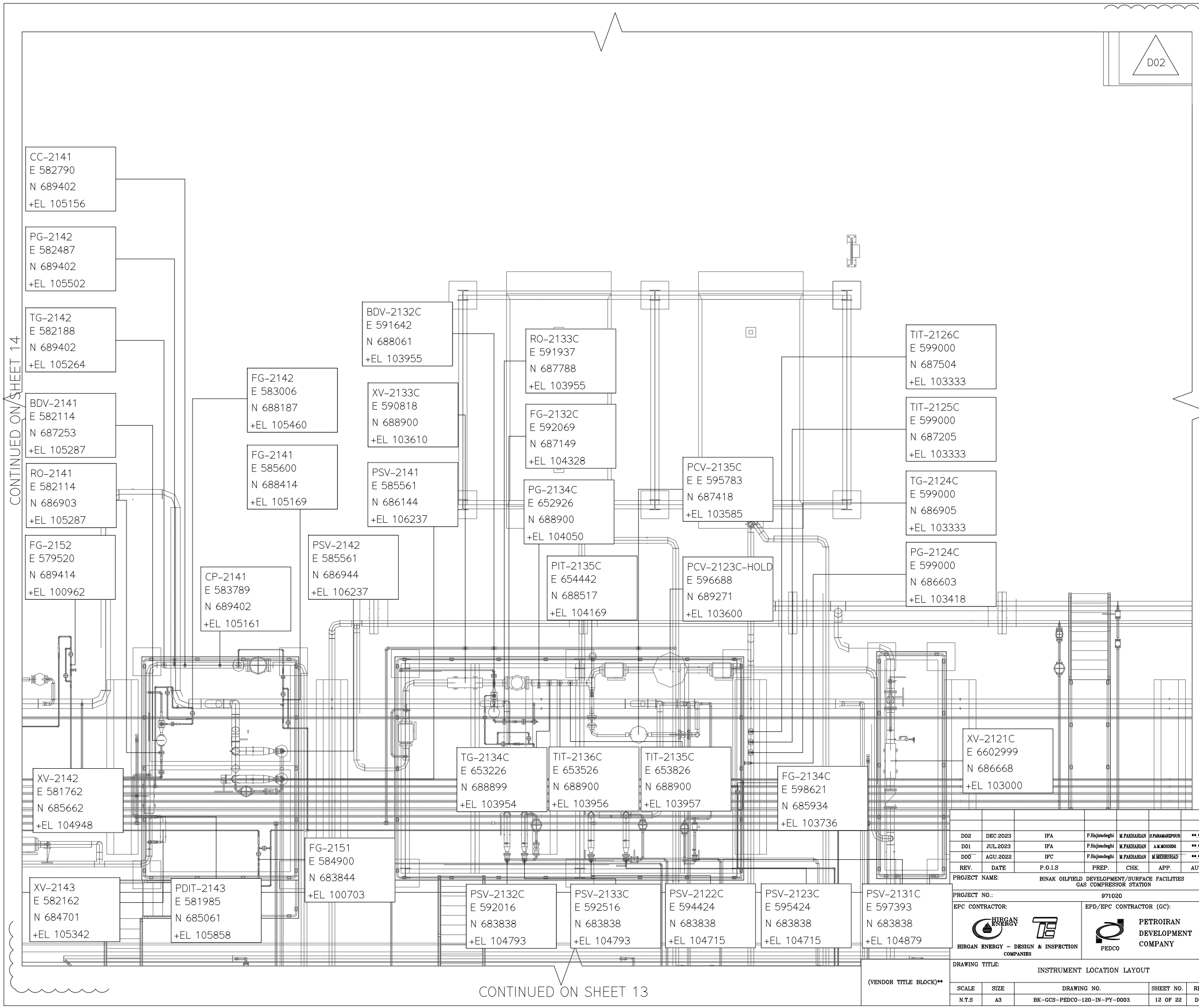
DRAWING TITLE: INSTRUMENT LOCATION LAYOUT

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

(VENDOR TITLE BLOCK)**

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
N.T.S	A3	BK-GCS-PEDCO-120-IN-PY-0003	11 OF 22	D02	0-53-073-9184	F	2	J	708958	11 OF 22	D02



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LEGEND

REFERENCE DRAWING	DRG. No.
PDMS MODEL REVIEW REPORT (90%)	BK-GCS-PEDCO-120-PI-RT-0005
INSTRUMENT INDEX	BK-GCS-PEDCO-120-IN-0001
INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING	BK-GCS-PEDCO-120-IN-PY-0004
UNIT PLOT PLAN DRAWING	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN

AREA 8

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	DEC.2023	IFA	P.Hajizadeghi	M.FAKHARIAN	S.FARAMARZPOUR	**.**
D01	JUL.2023	IFA	P.Hajizadeghi	M.FAKHARIAN	A.M.MOHSENI	**.**
D00	AGU.2022	IFC	P.Hajizadeghi	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: INSTRUMENT LOCATION LAYOUT

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
N.T.S	A3	BK-GCS-PEDCO-120-IN-PY-0003	12 OF 22	D02

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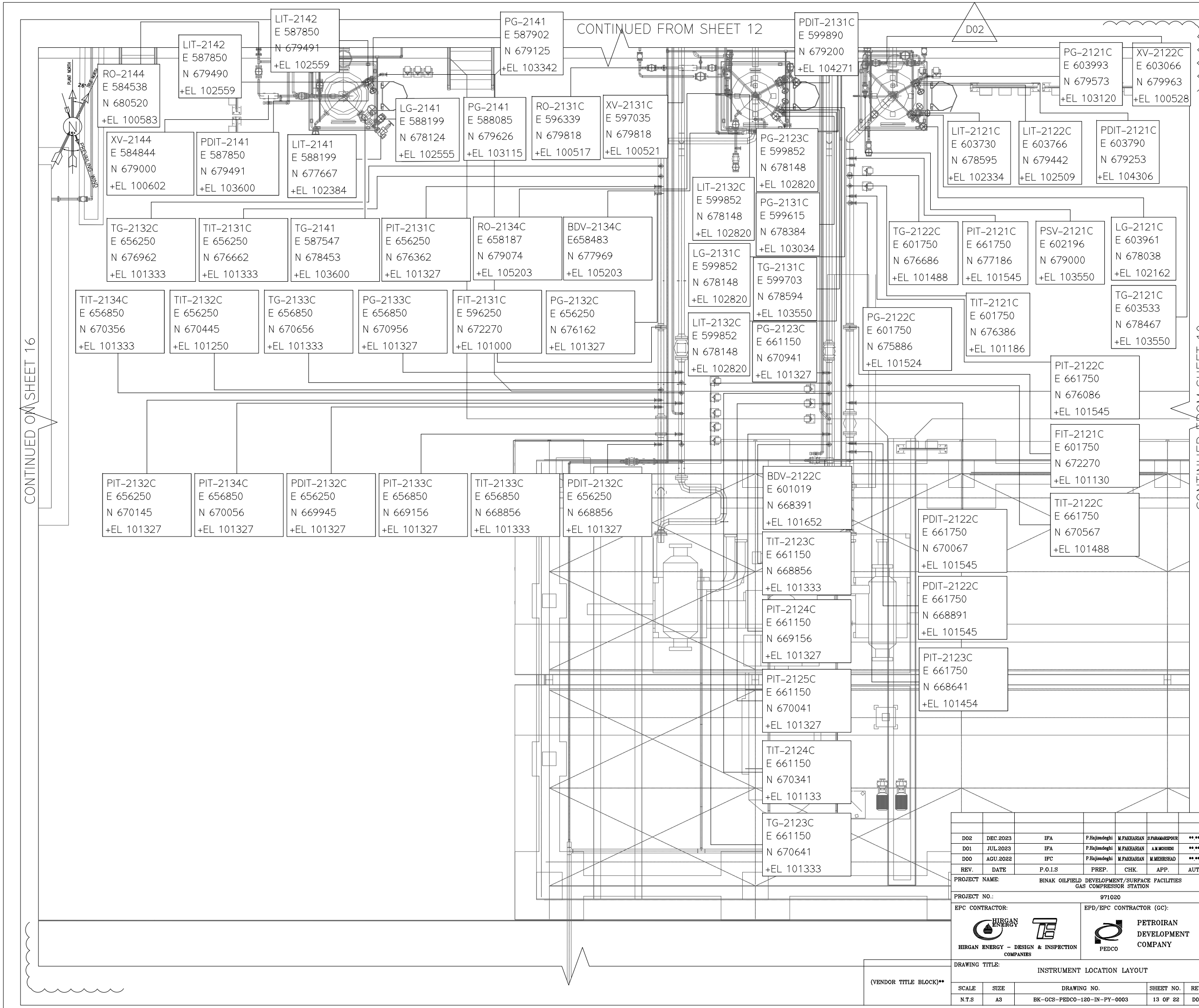
BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

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
0-53-073-9184	F	2	J	708958	12 OF 22	D02



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LEGEND

REFERENCE DRAWING	DRG. No.
PDMS MODEL REVIEW REPORT (90%)	BK-GCS-PEDCO-120-PI-RT-0005
INSTRUMENT INDEX	BK-GCS-PEDCO-120-IN-0001
INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING	BK-GCS-PEDCO-120-IN-PY-0004
UNIT PLOT PLAN DRAWING	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN

AREA 9

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	DEC.2023	IFA	P.Hajizadeghi	M.FAKHARIAN	S.PARAMAREZPOUR	**.**
D01	JUL.2023	IFA	P.Hajizadeghi	M.FAKHARIAN	A.M.MOHSENI	**.**
D00	AGU.2022	IFC	P.Hajizadeghi	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

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

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EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

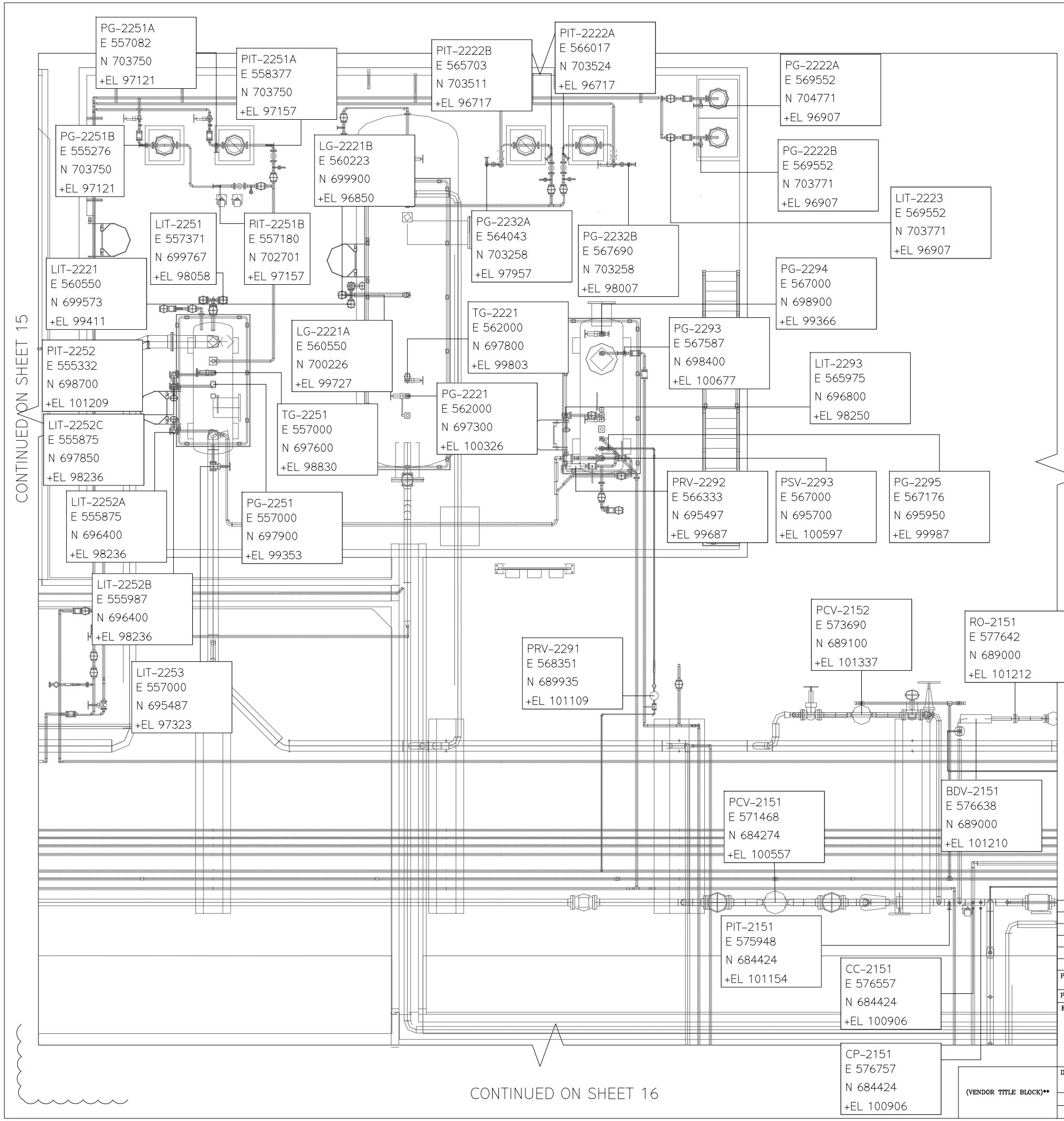
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

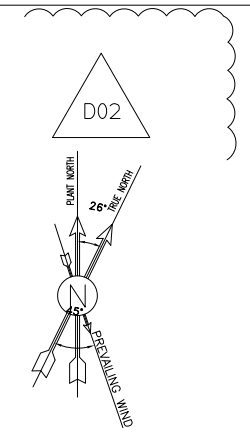
DRAWING TITLE: INSTRUMENT LOCATION LAYOUT

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
N.T.S	A3	BK-GCS-PEDCO-120-IN-PY-0003	13 OF 22	D02	0-53-073-9184	F	2	J	708958	13 OF 22	D02





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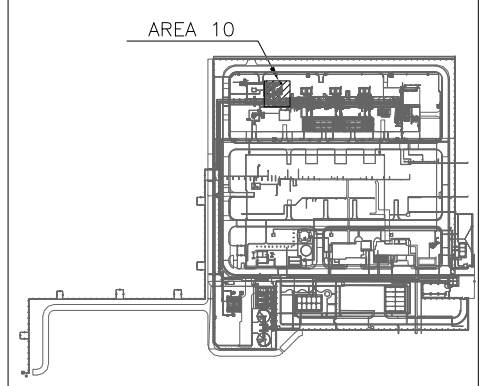
LEGEND

REFERENCE DRAWING	DRG. No.
PDMS MODEL REVIEW REPORT (90%)	BK-GCS-PEDCO-120-PI-RT-0005
INSTRUMENT INDEX	BK-GCS-PEDCO-120-IN-0001
INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING	BK-GCS-PEDCO-120-IN-PY-0004
UNIT PLOT PLAN DRAWING	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	DEC.2023	IFA	P.Hajisadeghi	M.FAKHARIAN	S.PARAMARZPOUR	**.**
D01	JUL.2023	IFA	P.Hajisadeghi	M.FAKHARIAN	A.M.MOHSENI	**.**
D00	AGU.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

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

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EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

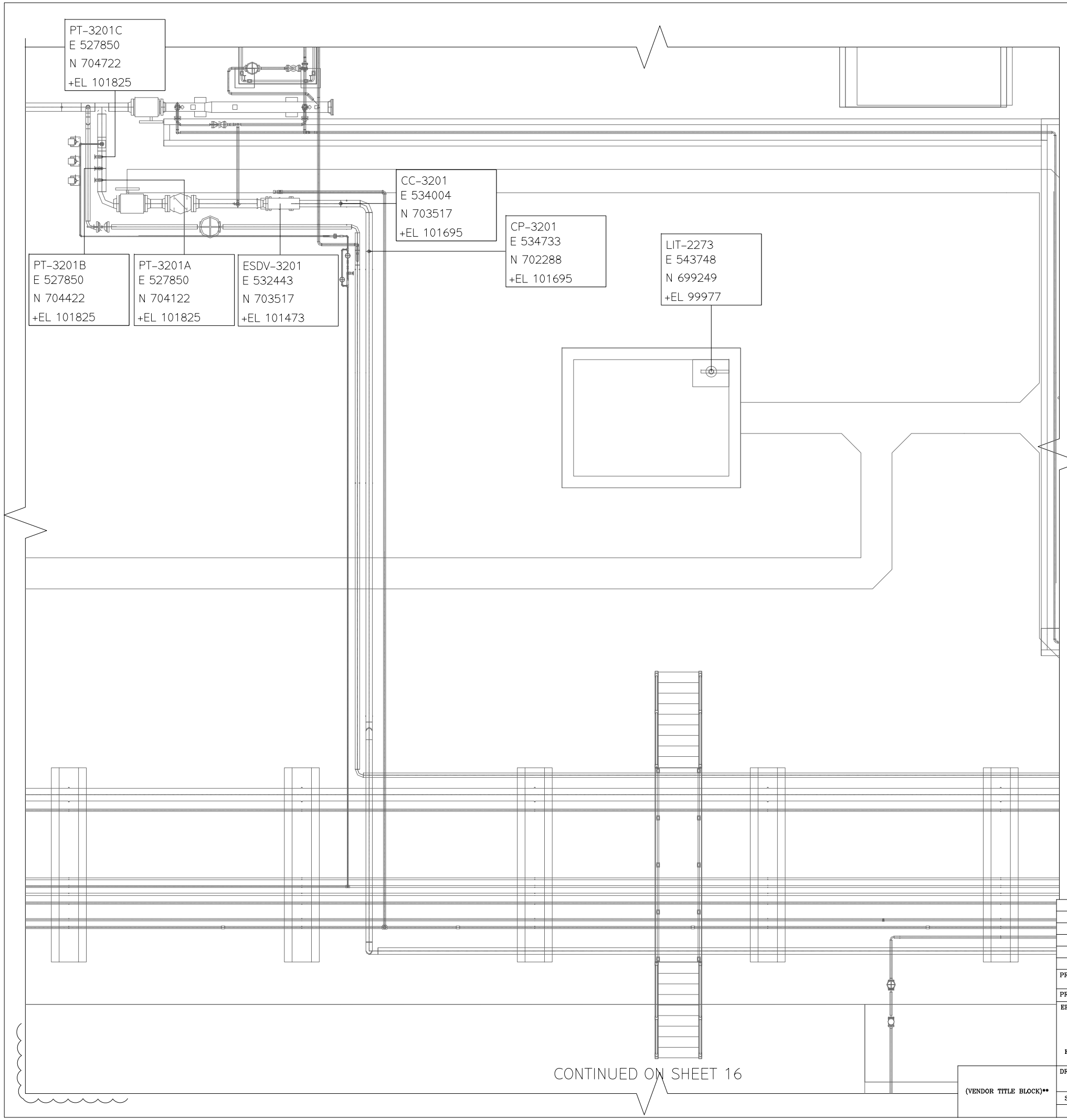
DRAWING TITLE: INSTRUMENT LOCATION LAYOUT

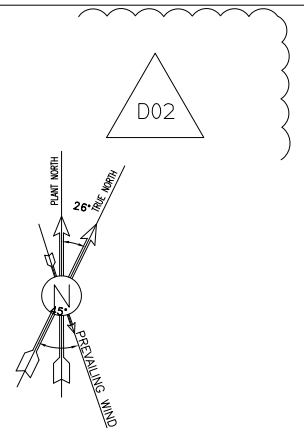
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
N.T.S	A3	BK-GCS-PEDCO-120-IN-PY-0003	14 OF 22	D02	0-53-073-9184	F	2	J	708958	14 OF 22	D02

(VENDOR TITLE BLOCK)**





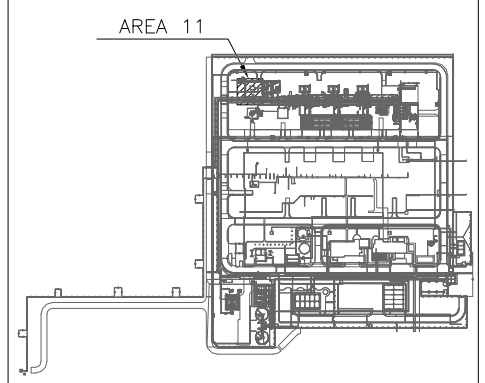
NOTES

1- INSTRUMENT RELATED TO GAS PIPELINE (PIG LAUNCHER AREA) WILL BE PURCHASED IN PIPELINE WORK PACKAGE OF THIS PROJECT.

LEGEND

REFERENCE DRAWING	DRG. No.
PDMS MODEL REVIEW REPORT (90%)	BK-GCS-PEDCO-120-PI-RT-0005
INSTRUMENT INDEX	BK-GCS-PEDCO-120-IN-0001
INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING	BK-GCS-PEDCO-120-IN-PY-0004
UNIT PLOT PLAN DRAWING	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	DEC.2023	IFA	P.Hajizadeghi	M.FAKHARIAN	S.PARAMAREZPOUR	**.**
D01	JUL.2023	IFA	P.Hajizadeghi	M.FAKHARIAN	A.M.MOHSENI	**.**
D00	AGU.2022	IFC	P.Hajizadeghi	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

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.

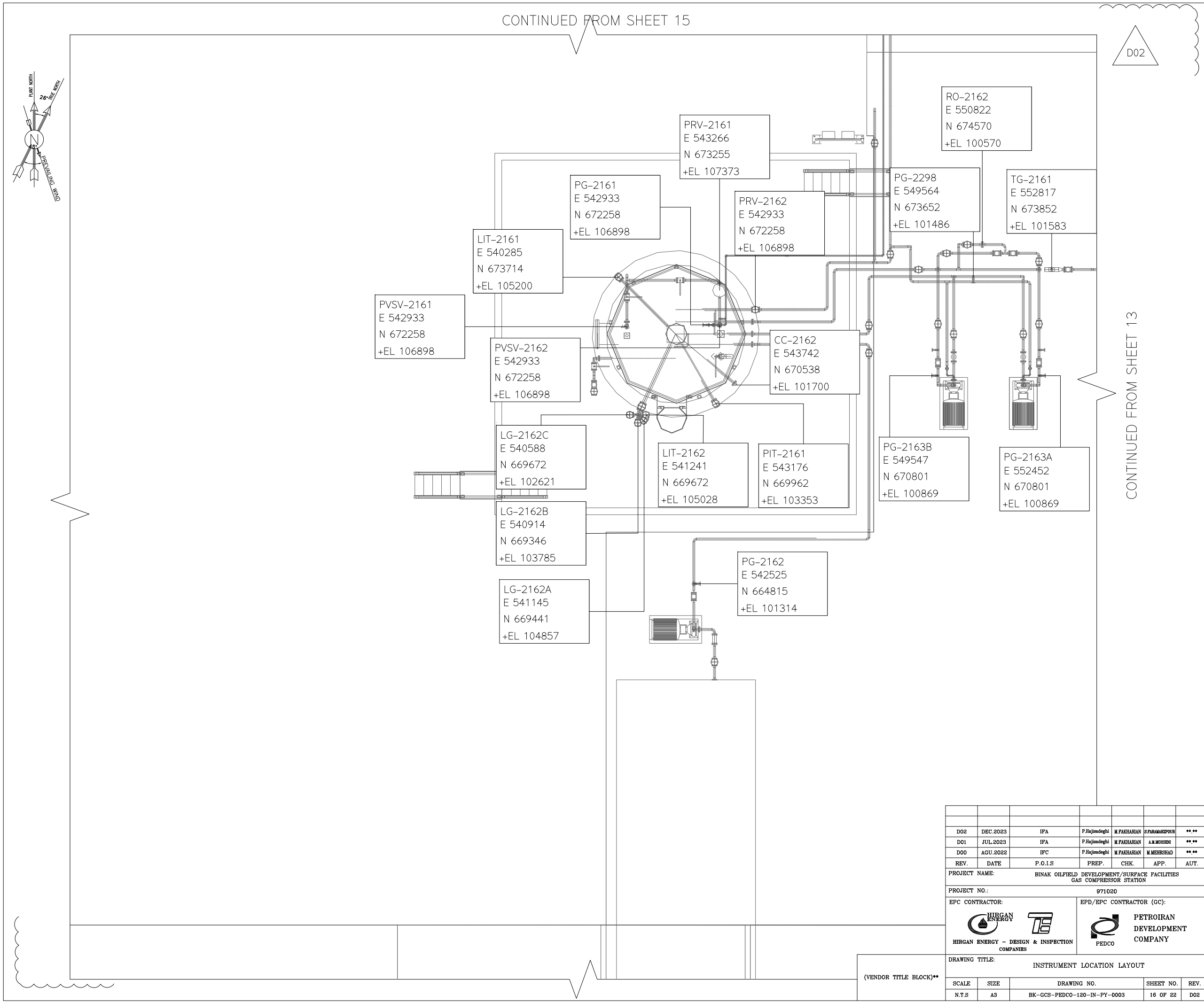
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

(VENDOR TITLE BLOCK)**

DRAWING TITLE: INSTRUMENT LOCATION LAYOUT

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
N.T.S	A3	BK-GCS-PEDCO-120-IN-PY-0003	15 OF 22	D02	0-53-073-9184	F	2	J	708958	15 OF 22	D02



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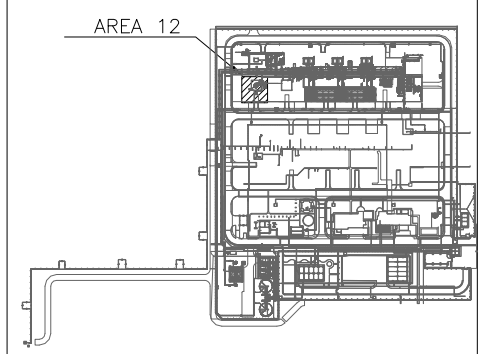
LEGEND

REFERENCE DRAWING	DRG. No.
PDMS MODEL REVIEW REPORT (90%)	BK-GCS-PEDCO-120-PI-RT-0005
INSTRUMENT INDEX	BK-GCS-PEDCO-120-IN-0001
INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING	BK-GCS-PEDCO-120-IN-PY-0004
UNIT PLOT PLAN DRAWING	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	DEC.2023	IFA	P.Hajizadeghi	M.FAKHARIAN	S.FARAMARZPOUR	**.**
D01	JUL.2023	IFA	P.Hajizadeghi	M.FAKHARIAN	A.M.MOHSENI	**.**
D00	AGU.2022	IFC	P.Hajizadeghi	M.FAKHARIAN	M.MEHRSHAD	**.**

REV.	DESCRIPTION	CHECKED BY	DATE	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)

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.

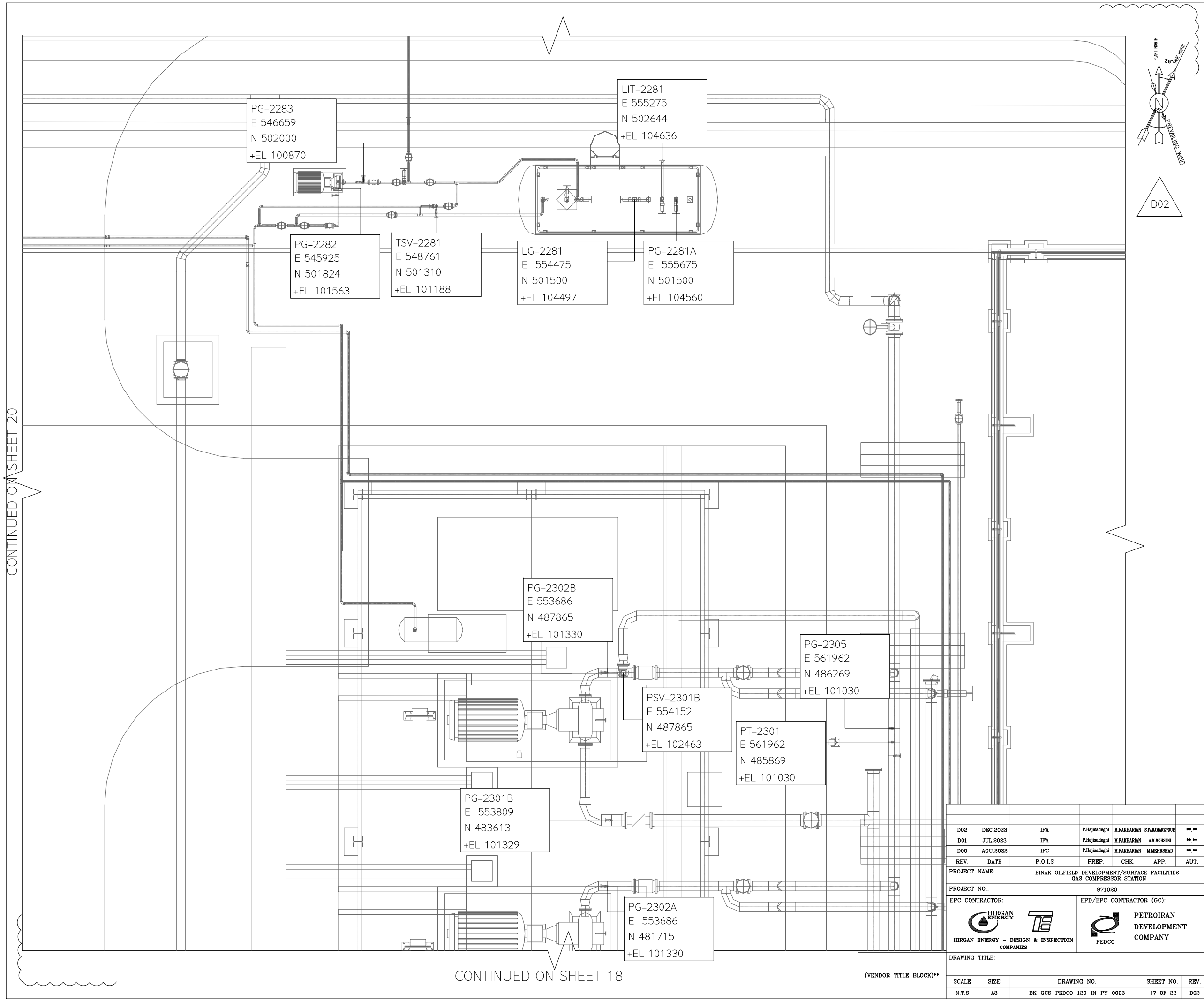
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

DRAWING TITLE: INSTRUMENT LOCATION LAYOUT

(VENDOR TITLE BLOCK)**

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
N.T.S	A3	BK-GCS-PEDCO-120-IN-PY-0003	16 OF 22	D02	0-53-073-9184	F	2	J	708958	16 OF 22	D02

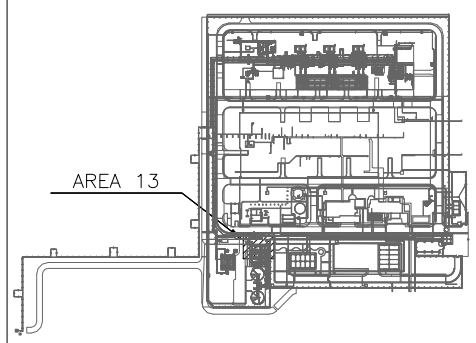


NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
PDMS MODEL REVIEW REPORT (90%)	BK-GCS-PEDCO-120-PI-RT-0005
INSTRUMENT INDEX	BK-GCS-PEDCO-120-IN-0001
INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING	BK-GCS-PEDCO-120-IN-PY-0004
UNIT PLOT PLAN DRAWING	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	DEC.2023	IFA	P.Hajizadeghi	M.FAKHARIAN	S.PARAMAREPOUR	**.**
D01	JUL.2023	IFA	P.Hajizadeghi	M.FAKHARIAN	A.M.MOHSENI	**.**
D00	AGU.2022	IFC	P.Hajizadeghi	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): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

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BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

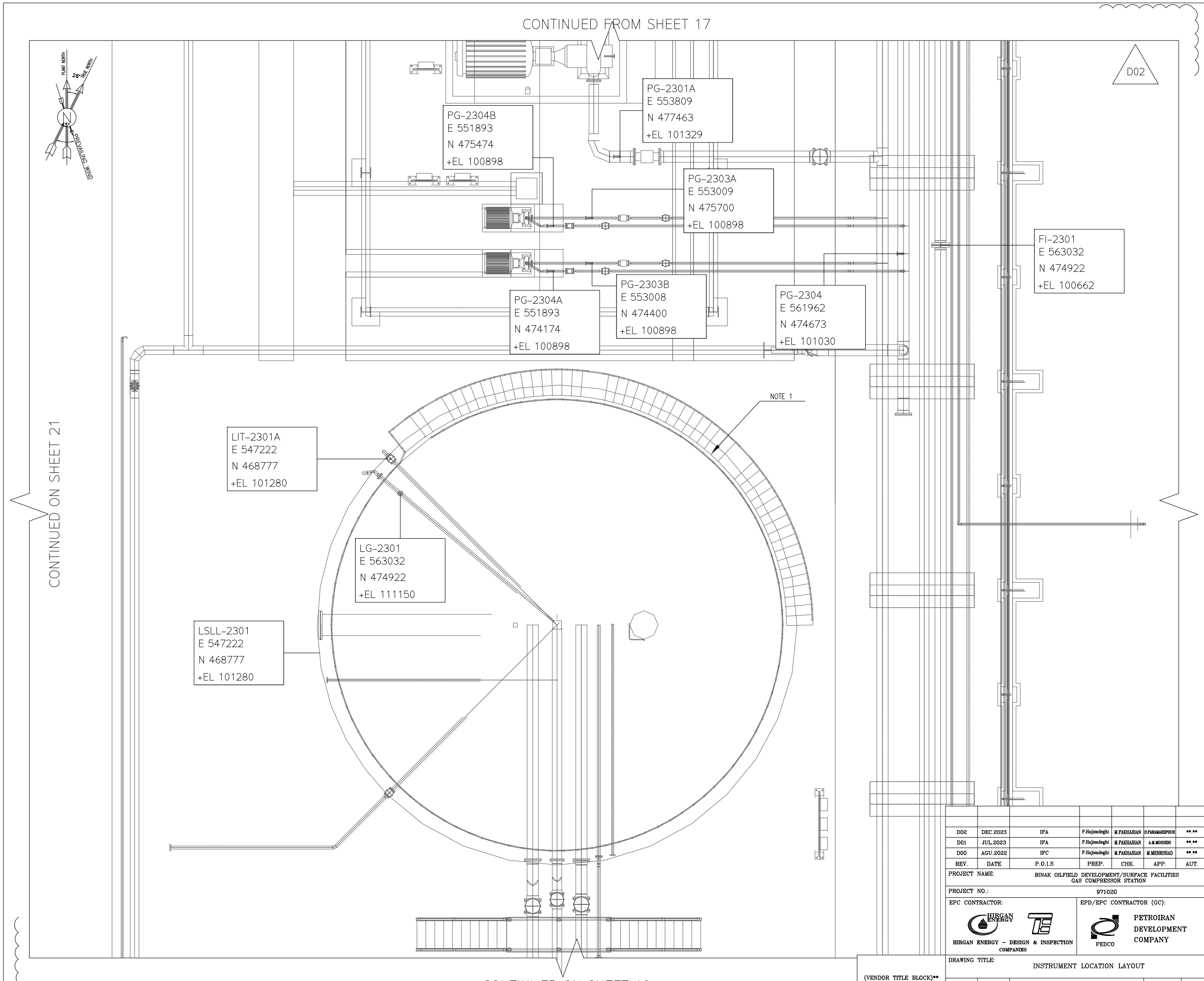
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

DRAWING TITLE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
N.T.S	A3	BK-GCS-PEDCO-120-IN-PY-0003	17 OF 22	D02	0-53-073-9184	F	2	J	708958	17 OF 22	D02



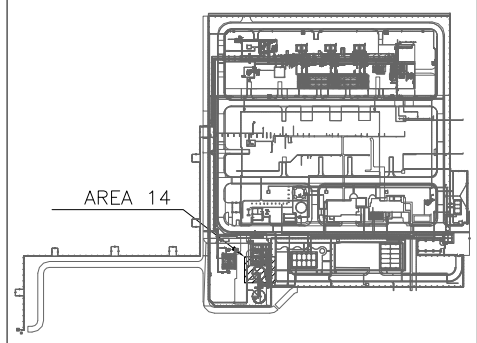
NOTES

1- INSTRUMENT OF FIREWATER SYSTEM WILL BE FINALIZED LATER.

LEGEND

REFERENCE DRAWING	DRG. No.
PDMS MODEL REVIEW REPORT (90%)	BK-GCS-PEDCO-120-PI-RT-0005
INSTRUMENT INDEX	BK-GCS-PEDCO-120-IN-0001
INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING	BK-GCS-PEDCO-120-IN-PY-0004
UNIT PLOT PLAN DRAWING	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	DEC.2023	IFA	P.Hajimdeghi	M.FAKHARIAN	S.FARAMARZPOUR	**.**
D01	JUL.2023	IFA	P.Hajimdeghi	M.FAKHARIAN	A.M.MOHSENI	**.**
D00	AGU.2022	IFC	P.Hajimdeghi	M.FAKHARIAN	M.MEHRSHAD	**.**

REV.	DESCRIPTION	CHECKED BY	CHECKED DATE	APPR. BY	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.

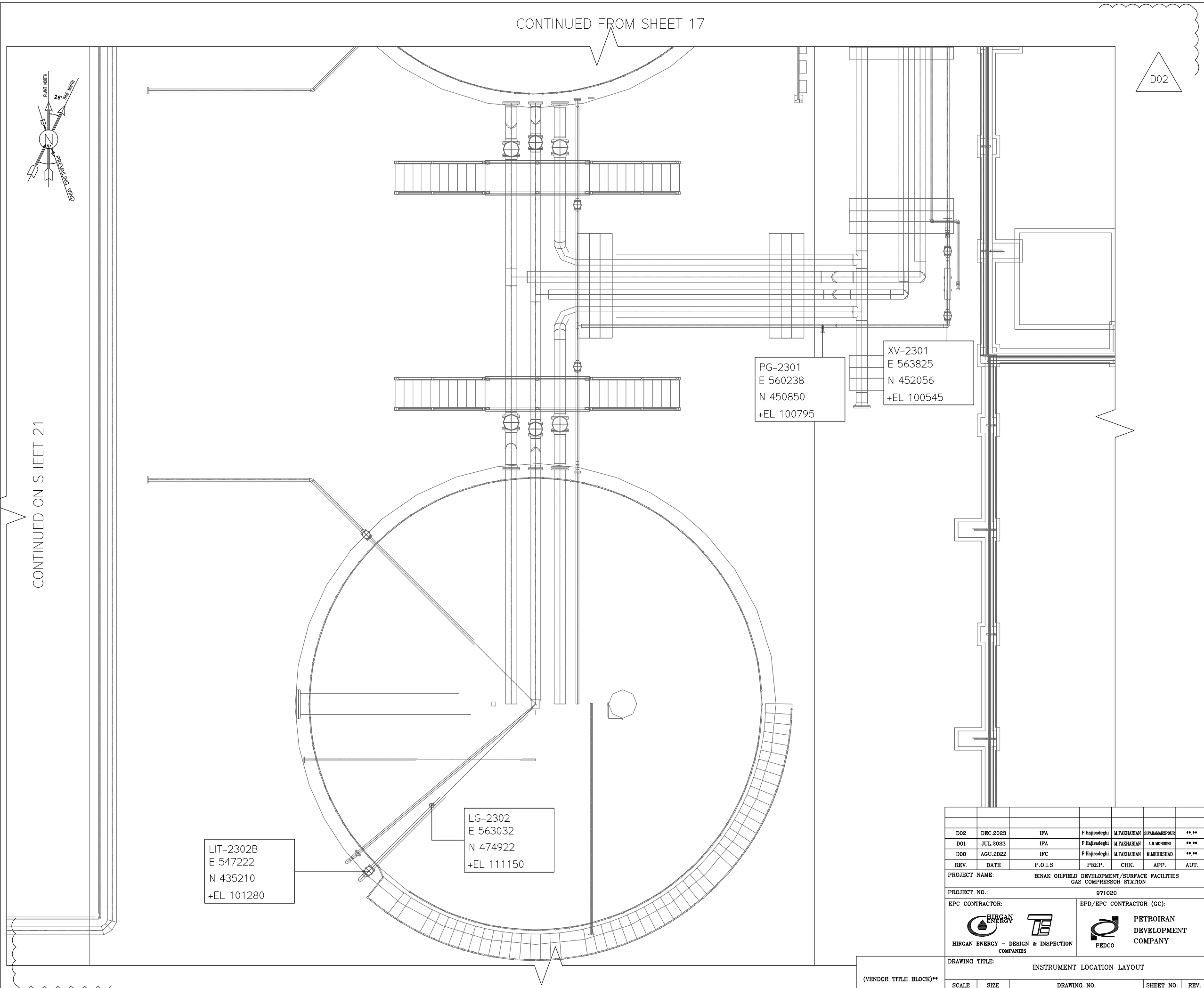
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

DRAWING TITLE: INSTRUMENT LOCATION LAYOUT

(VENDOR TITLE BLOCK)**

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
N.T.S	A3	BK-GCS-PEDCO-120-IN-PY-0003	18 OF 22	D02	0-53-073-9184	F	2	J	708958	18 OF 22	D02



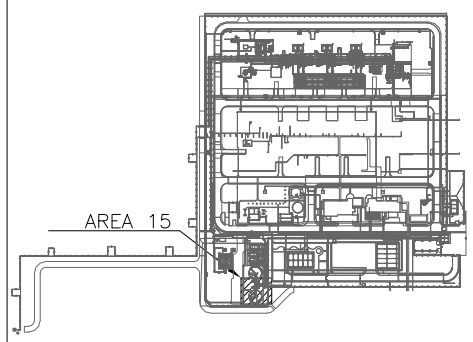
NOTES

1- INSTRUMENT OF FIREWATER SYSTEM WILL BE FINALIZED LATER.

LEGEND

REFERENCE DRAWING	DRG. No.
PDMS MODEL REVIEW REPORT (90%)	BK-GCS-PEDCO-120-PI-RT-0005
INSTRUMENT INDEX	BK-GCS-PEDCO-120-IN-0001
INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING	BK-GCS-PEDCO-120-IN-PY-0004
UNIT PLOT PLAN DRAWING	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	DEC.2023	IFA	P.Hajizadeghi	M.FAKHARIAN	S.PARAMAREZPOUR	**.**
D01	JUL.2023	IFA	P.Hajizadeghi	M.FAKHARIAN	A.M.MOHSENI	**.**
D00	AGU.2022	IFC	P.Hajizadeghi	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

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SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

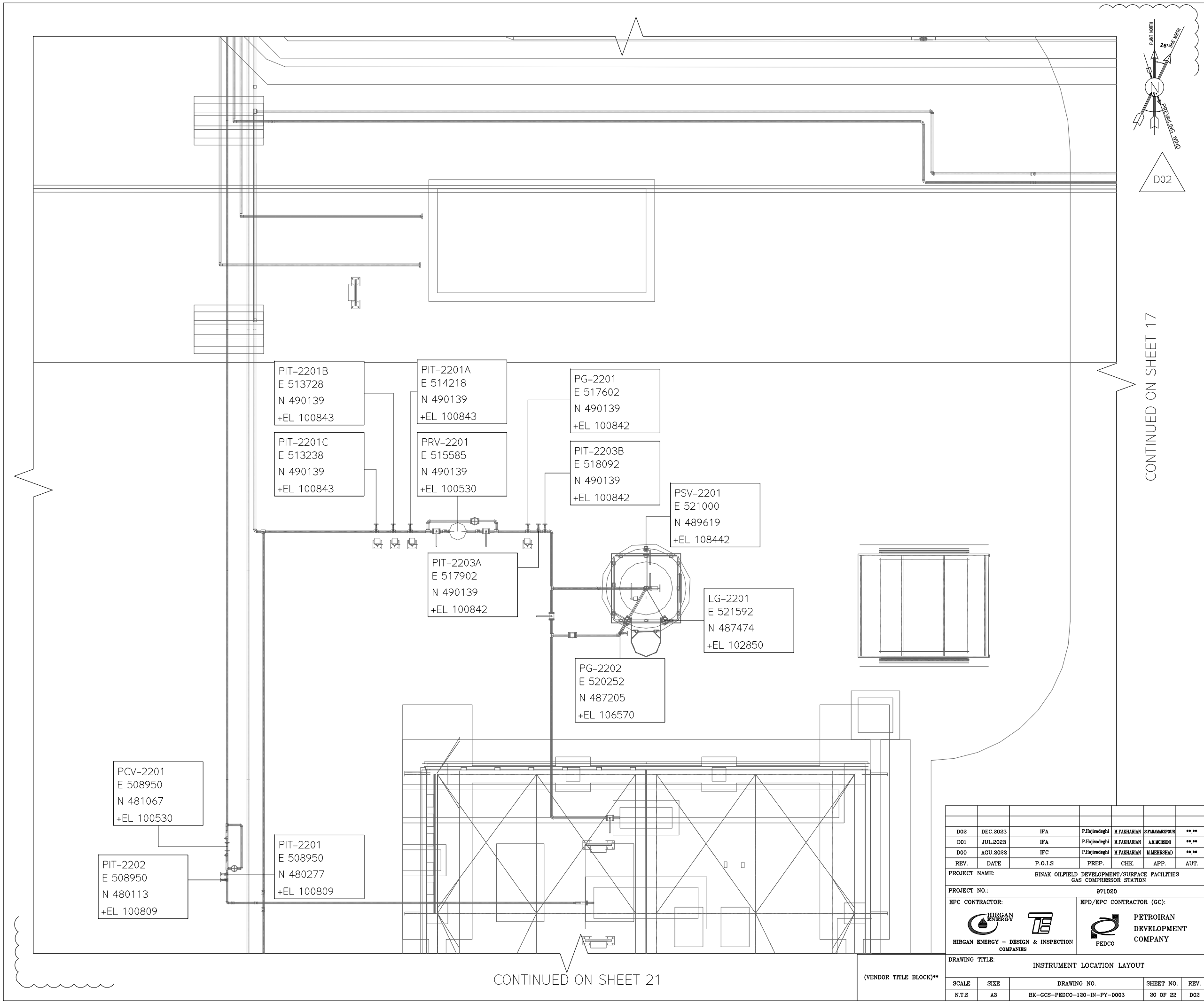
APPROVED FOR CONSTRUCTION | BY: | DATE:

(VENDOR TITLE BLOCK)**

DRAWING TITLE: INSTRUMENT LOCATION LAYOUT

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
N.T.S	A3	BK-GCS-PEDCO-120-IN-PY-0003	19 OF 22	D02

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
0-53-073-9184	F	2	J	708958	19 OF 22	D02

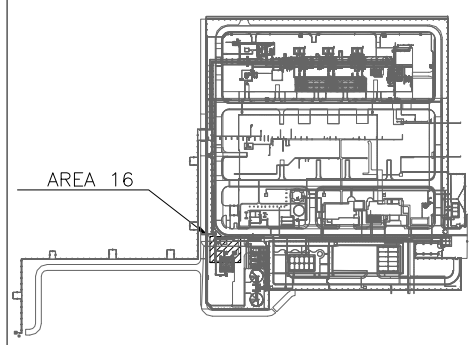


NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
PDMS MODEL REVIEW REPORT (90%)	BK-GCS-PEDCO-120-PI-RT-0005
INSTRUMENT INDEX	BK-GCS-PEDCO-120-IN-0001
INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING	BK-GCS-PEDCO-120-IN-PY-0004
UNIT PLOT PLAN DRAWING	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	DEC.2023	IFA	P.Hajimdeghi	M.FAKHARIAN	S.PARAMAREZPOUR	**.**
D01	JUL.2023	IFA	P.Hajimdeghi	M.FAKHARIAN	A.M.MOHSENI	**.**
D00	AGU.2022	IFC	P.Hajimdeghi	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: INSTRUMENT LOCATION LAYOUT

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
N.T.S	A3	BK-GCS-PEDCO-120-IN-PY-0003	20 OF 22	D02

(VENDOR TITLE BLOCK)**

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SURFACE FACILITIES
GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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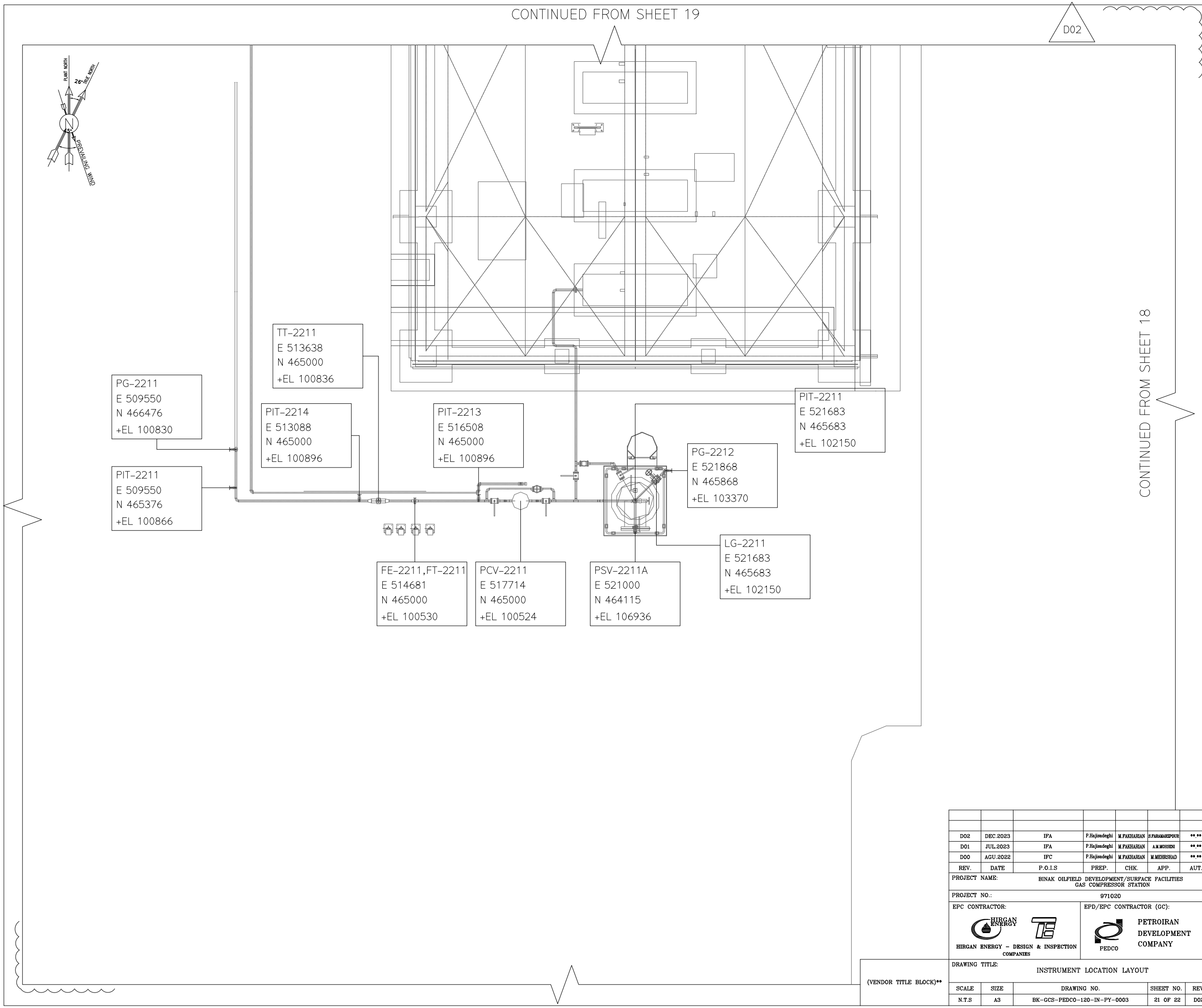
APPROVED FOR CONSTRUCTION | BY: | DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
0-53-073-9184	F	2	J	708958	20 OF 22	D02

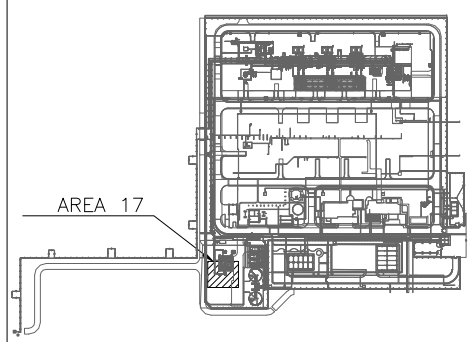


NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
PDMS MODEL REVIEW REPORT (90%)	BK-GCS-PEDCO-120-PI-RT-0005
INSTRUMENT INDEX	BK-GCS-PEDCO-120-IN-0001
INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING	BK-GCS-PEDCO-120-IN-PY-0004
UNIT PLOT PLAN DRAWING	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	DEC.2023	IFA	P.Hajizadeghi	M.FAKHARIAN	S.FARAMAREZPOUR	**.**
D01	JUL.2023	IFA	P.Hajizadeghi	M.FAKHARIAN	A.M.MOHSENI	**.**
D00	AGU.2022	IFC	P.Hajizadeghi	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

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SURFACE FACILITIES
GAS COMPRESSOR STATION

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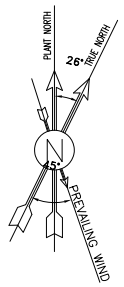
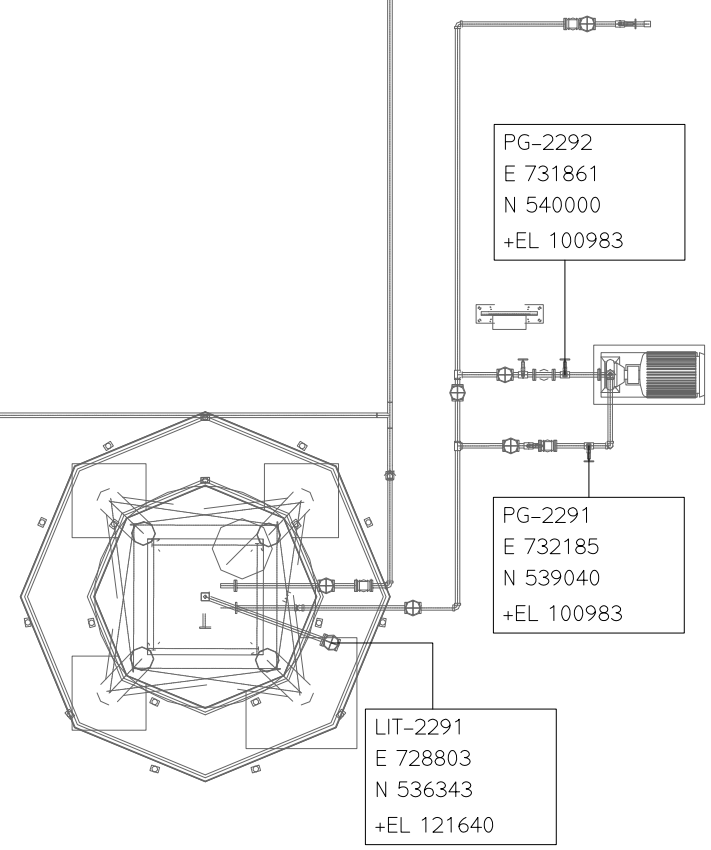
(VENDOR TITLE BLOCK)**

DRAWING TITLE: INSTRUMENT LOCATION LAYOUT

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
N.T.S	A3	BK-GCS-PEDCO-120-IN-PY-0003	21 OF 22	D02	0-53-073-9184	F	2	J	708958	21 OF 22	D02





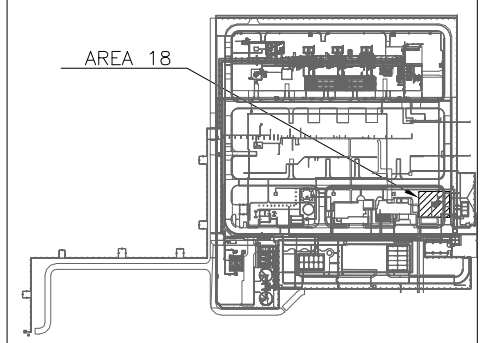
D02

NOTES

LEGEND

REFERENCE DRAWING	DRG. No.
PDMS MODEL REVIEW REPORT (90%)	BK-GCS-PEDCO-120-PI-RT-0005
INSTRUMENT INDEX	BK-GCS-PEDCO-120-IN-0001
INSTRUMENT/F&G CABLE TRENCH/ROUTE LAYOUT DRAWING	BK-GCS-PEDCO-120-IN-PY-0004
UNIT PLOT PLAN DRAWING	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	DEC.2023	IFA	P.Hajizadeghi	M.FAKHARIAN	S.FARAMARZPOUR	**.**
D01	JUL.2023	IFA	P.Hajizadeghi	M.FAKHARIAN	A.M.MOHSENI	**.**
D00	AGU.2022	IFC	P.Hajizadeghi	M.FAKHARIAN	M.MEHRSHAD	**.**

REV.	DESCRIPTION	CHECKED BY	DATE	APPR. BY	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

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SURFACE FACILITIES
GAS COMPRESSOR STATION

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DRAWING TITLE: INSTRUMENT LOCATION LAYOUT

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
N.T.S	A3	BK-GCS-PEDCO-120-IN-PY-0003	22 OF 22	D02	0-53-073-9184	F	2	J	706958	22 OF 22	D02