

- NOTES**
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 - ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
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 ELLIPSOID: WORLD GEODETIC SYSTEM 1984 (WGS84)
 MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
 VERTICAL DATUM: MEAN SEA LEVEL
 - THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON THE BELOW RULES:
 - PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
 - "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
 - PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRL-PEDCO-000-CV-SP-0004".
 - GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
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 - RETAINING WALL SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.
 - PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGR-PEDCO-110-PI-DW-0001
 - THE FENCE AROUND THE LOCATION SHALL BE BASED ON: BK-GNRL-PEDCO-000-CV-DW-0009
 - THE EXACT LOCATION OF NEW CULVERT AND RETAINING WALL SHALL BE ADJUSTED AT SITE.
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LEGEND

	Existing GRAVEL ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	ASPHALT ROAD		WATER COURSE
	STAIR		CONTOURS
	TRENCH		SPOT HEIGHT
	FENCE		BENCH MARK
	RETAINING WALL		WELL LOCATION
	WATER LINE		WELL
	POWER LINE		BURNPIT
	BUILDING		SITE (LOCATION)
	CONCRETE AREA		DRILLING CONEX AREA
	EXISTING CONCRETE AREA		OIL LINE
	SEPTIC		BURN PIT LINE
	MANHOLE		ROAD WIDENING AREA
	POLE		
	HELIPAD		
	GEOMEMBRANE AREA		

REFERENCE DRAWING

REFERENCE DRAWING	DRG. No.
Civil and Structural Drawings - BK14	BK-BK14-PEDCO-110-CV-PY-0001
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ABBREVIATIONS

F.T.	FUEL TANK	W.T.	WATER TANK
S.R.	SECURITY ROOM	D.G.	DIESEL GENERATOR SHELTER
S.G.	SWITCH GEAR	F.P.	FIRE FIGHTING SHELTER



BENCH MARK LIST

NAME	Easting	Northing	Elevation
GPS1	437770.859	3295060.106	171.419
GPS2	437770.794	3295060.096	171.418

POWER LINE COORDINATION

Station	Northing	Easting	Station	Northing	Easting
0+000.00	3294101.65	438077.16	0+480.00	3294580.90	438065.51
0+020.00	3294121.64	438076.55	0+500.00	3294598.42	438050.87
0+040.00	3294141.63	438075.93	0+520.00	3294615.94	438041.23
0+060.00	3294161.62	438075.32	0+540.00	3294633.47	438031.59
0+080.00	3294181.61	438074.71	0+560.00	3294650.99	438021.95
0+100.00	3294201.61	438074.10	0+580.00	3294668.51	438012.31
0+120.00	3294221.60	438073.48	0+600.00	3294686.04	438002.67
0+140.00	3294241.59	438072.87	0+620.00	3294703.56	437993.03
0+160.00	3294261.58	438072.26	0+640.00	3294721.08	437983.39
0+180.00	3294281.57	438071.65	0+660.00	3294738.61	437973.75
0+200.00	3294301.56	438071.03	0+680.00	3294756.13	437964.11
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0+320.00	3294421.50	438067.36	0+800.00	3294861.27	437906.27
0+340.00	3294441.49	438066.75	0+820.00	3294878.79	437896.63
0+360.00	3294461.48	438066.13	0+840.00	3294896.31	437886.99
0+380.00	3294481.47	438065.52	0+860.00	3294913.84	437877.35
0+400.00	3294501.46	438064.91	0+880.00	3294931.36	437867.71
0+420.00	3294521.45	438064.30	0+899.27	3294948.24	437858.07
0+440.00	3294541.44	438063.69			
0+460.00	3294561.44	438063.07			

TABLE 1- ASPHALT AREA SPECIFICATION

NAME	KM START	KM END	LENGTH(m)
AREA1	0+430.00	0+650.00	120
AREA2	0+970.00	1+150.00	180
AREA3	2+150.00	2+250.00	100
AREA4	3+900.00	4+010.00	110
TOTAL			1000

TABLE 2- RETAINING WALL AREA

NAME	KM START	KM END	LENGTH(m)	WIDTH(Cm)
AREA1	2+320.00	2+350.00	30	50
AREA2	3+118.00		5	50
AREA3	3+330.00	3+390.00	120	40

TABLE 3- LIST OF NEW CULVERT

NUMBER	KM	TYPE OF CULVERT
1	0+384	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
2	0+900	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
3	0+943.33	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
4	1+036.30	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
5	3+940	CONCRETE PIPE CULVERT (DIAMETER 80 cm)

TABLE 4- LIST OF ROAD WIDENING AREA

NUMBER	KM START	KM END	LENGTH(m)	WIDTH	WIDENING (m)
1	0+690	0+720	30	30	1.50
2	1+492	1+520	28	28	1.00
3	1+560	1+597	37	37	1.00
4	1+781	1+809	28	28	1.00
5	1+835	1+897	62	62	1.50
6	2+398	2+438	40	40	2.00
7	2+688	2+700	12	12	1.50
8	2+780	2+838	58	58	1.50
9	3+067	3+172	105	105	0.80
10	3+368	3+398	28	28	0.80
11	3+992	4+019	27	27	4.00

REVISIONS

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D04	MAY 2023	IPA	R.BERLOUJE	M.FAKHARIAN	A.M.MOHSSENI	***
D03	FEB 2023	IPA	R.BERLOUJE	M.FAKHARIAN	M.MEHRSHAD	***
D02	NOV 2022	IPA	R.BERLOUJE	M.FAKHARIAN	M.MEHRSHAD	***
D01	OCT 2022	IPA	R.BERLOUJE	M.FAKHARIAN	M.MEHRSHAD	***
D00	SEP 2022	IPC	R.BERLOUJE	M.FAKHARIAN	M.MEHRSHAD	***

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WELLHEAD FACILITIES

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY

DRAWING TITLE: General Civil Layout - BK14 (Location Map)

SCALE: 1:1000

SIZE: A1

DRAWING NO.: BK-BK14-PEDCO-110-CV-PY-0001

SHEET NO.: 1 OF 4

REV.: D04

BUDGET REF. LOCATION SIZE CLASS SERIAL NO. SHEET REVISION: 953-073-9184 F 4 A 708210 1 D04

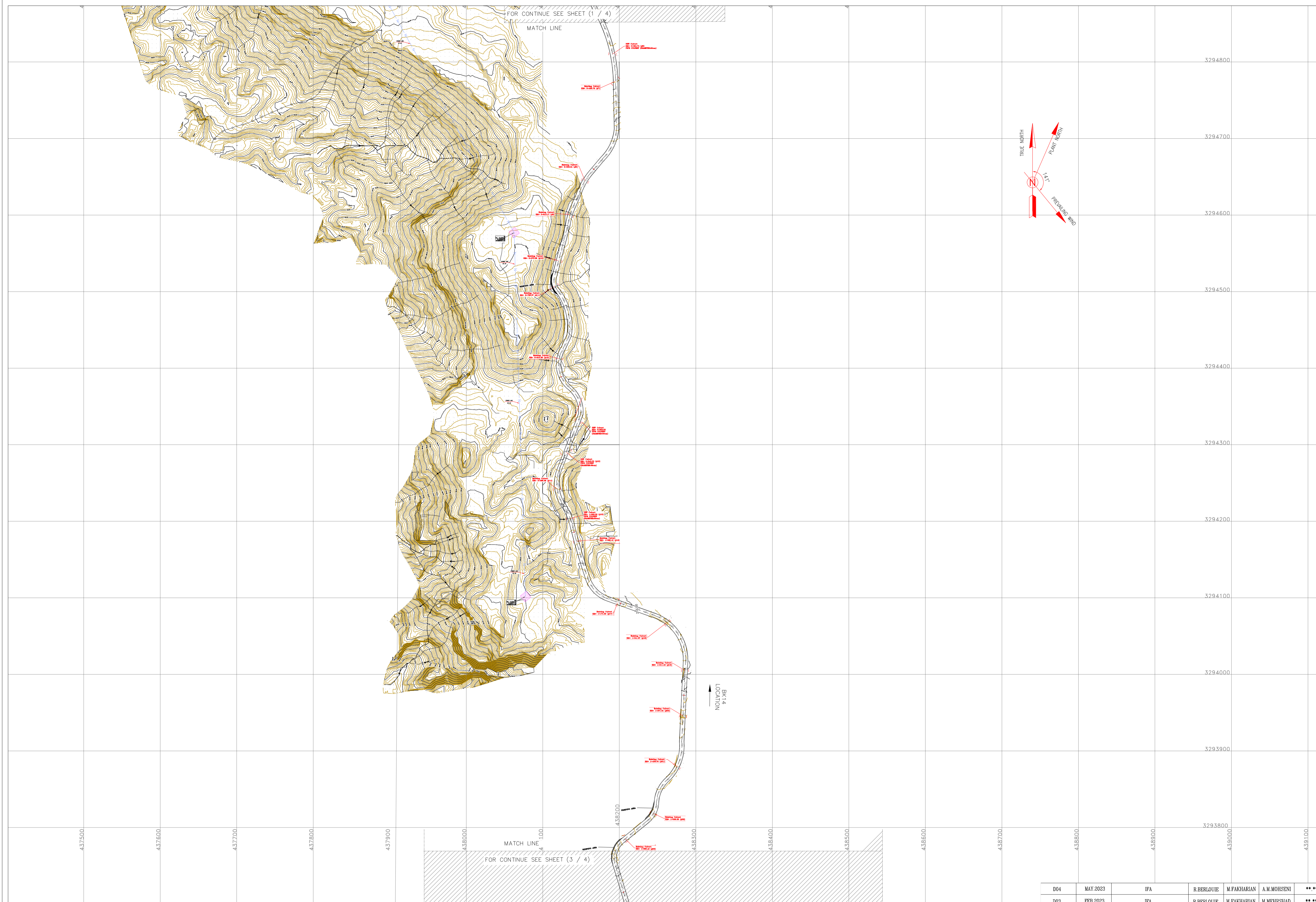
APPROVED FOR CONSTRUCTION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

Totally Revised.



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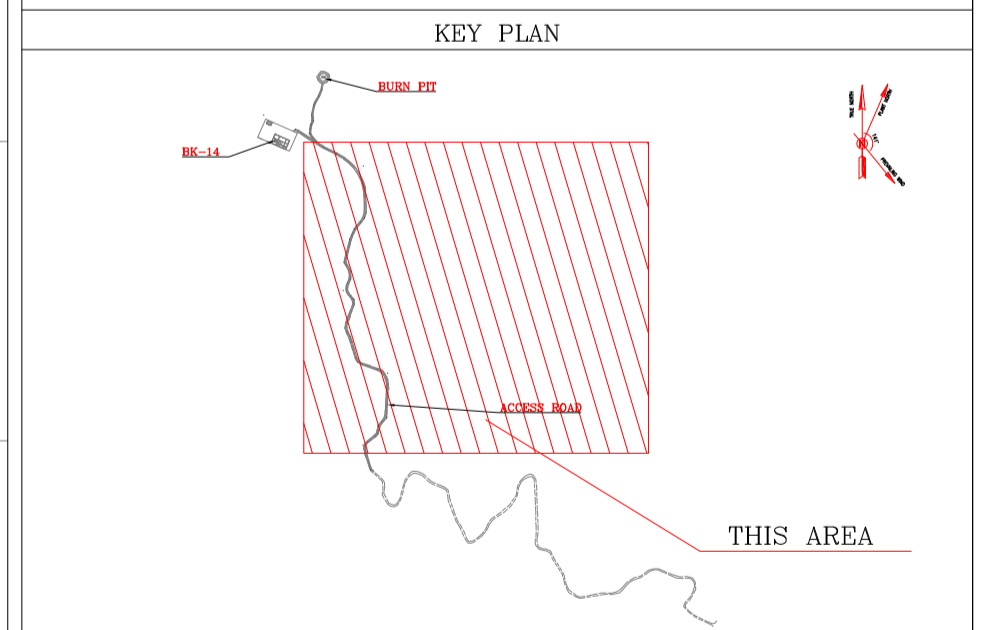
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REFERENCE: NISOC-E-CE-160

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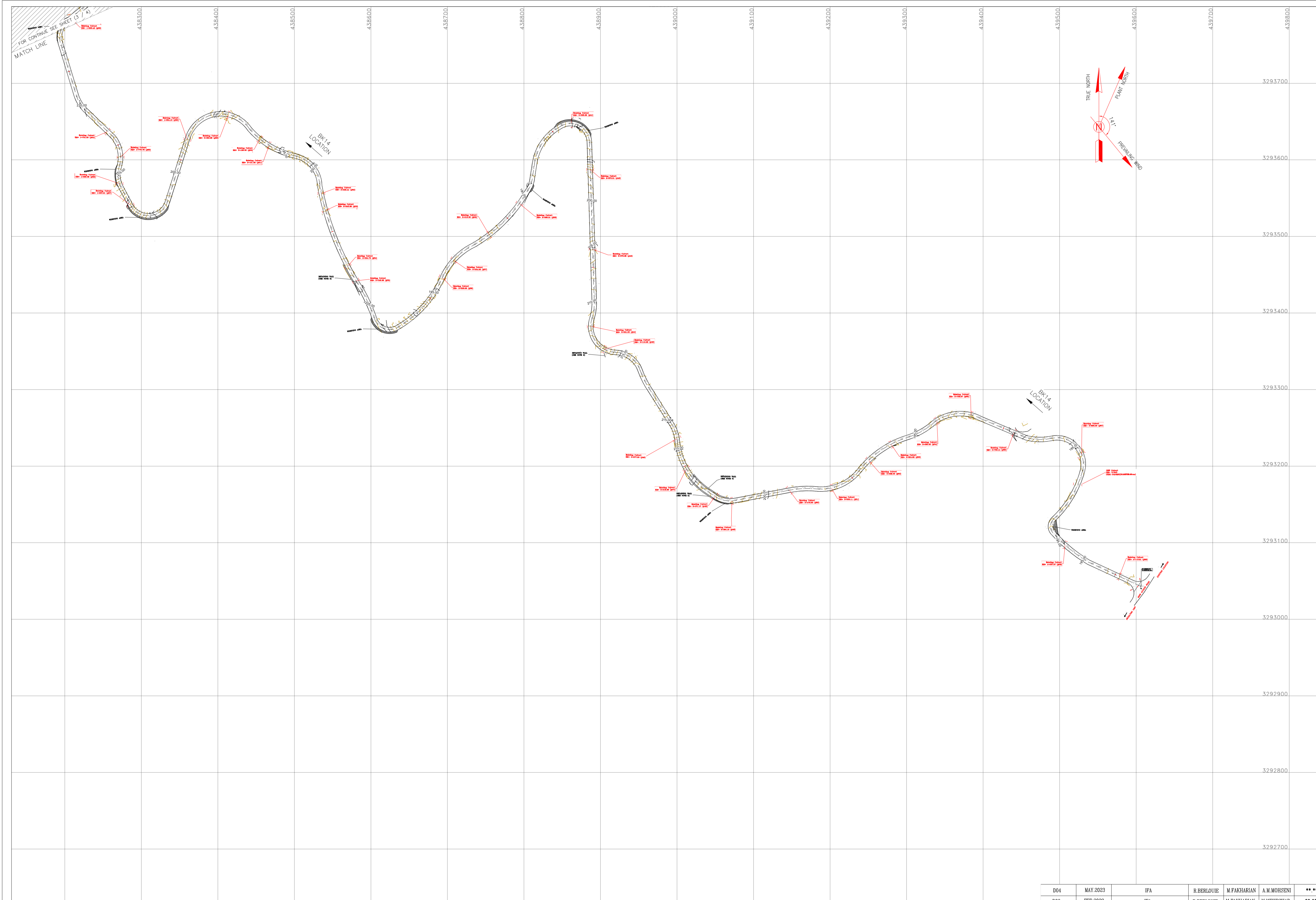
DRAWING TITLE: General Civil Layout - BK14 (Location Map)

SCALE: 1:2500 | SIZE: A1 | DRAWING NO.: BK-BK14-PEDCO-110-CV-PY-0001 | SHEET NO.: 2 OF 4 | REV.: D04

THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

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
953-073-9184	F	4	A	708210	2	D04

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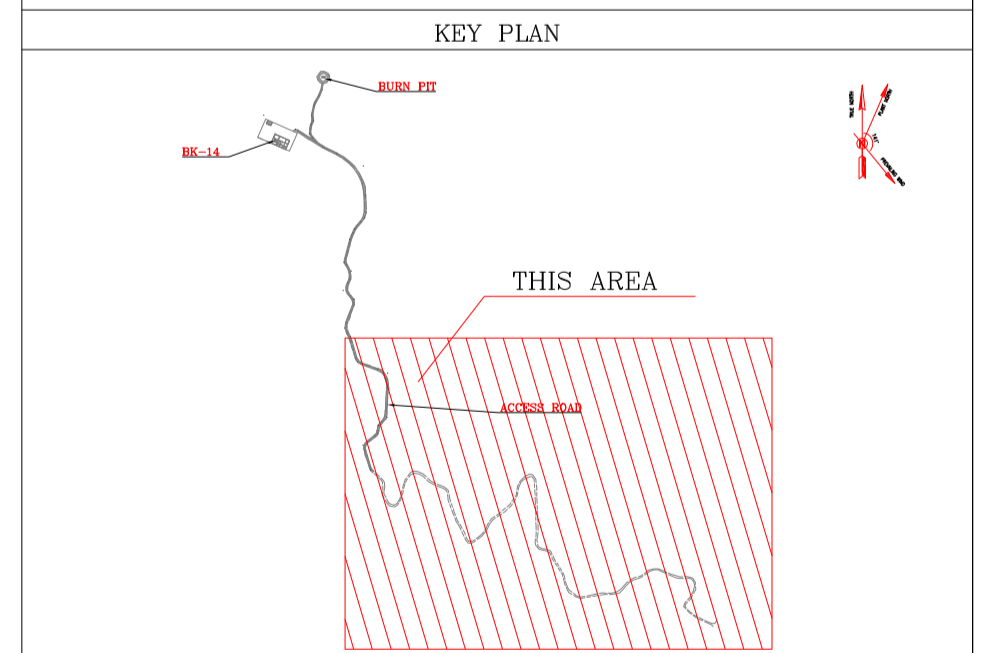
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POWER LINE COORDINATION

Station	Northing	Easting	Station	Northing	Easting
0+000.00	3294101.65	438077.16	0+480.00	3294580.90	438060.51
0+020.00	3294121.64	438076.55	0+500.00	3294598.42	438050.87
0+040.00	3294141.63	438075.93	0+520.00	3294615.94	438041.23
0+060.00	3294161.62	438075.32	0+540.00	3294633.47	438031.59
0+080.00	3294181.62	438074.71	0+560.00	3294650.99	438021.95
0+100.00	3294201.61	438074.10	0+580.00	3294668.51	438012.31
0+120.00	3294221.60	438073.48	0+600.00	3294686.04	438002.67
0+140.00	3294241.59	438072.87	0+620.00	3294703.56	437993.03
0+160.00	3294261.58	438072.26	0+640.00	3294721.08	437983.39
0+180.00	3294281.57	438071.65	0+660.00	3294738.61	437973.75
0+200.00	3294301.56	438071.03	0+680.00	3294756.13	437964.11
0+220.00	3294321.55	438070.42	0+700.00	3294773.65	437954.47
0+240.00	3294341.54	438069.81	0+720.00	3294791.18	437944.83
0+260.00	3294361.53	438069.20	0+740.00	3294808.70	437935.19
0+280.00	3294381.52	438068.58	0+760.00	3294826.22	437925.55
0+300.00	3294401.51	438067.97	0+780.00	3294843.75	437915.91
0+320.00	3294421.50	438067.36	0+800.00	3294861.27	437906.27
0+340.00	3294441.49	438066.75	0+820.00	3294878.79	437896.63
0+360.00	3294461.48	438066.13	0+840.00	3294896.31	437886.99
0+380.00	3294481.47	438065.52	0+860.00	3294913.84	437877.35
0+400.00	3294501.46	438064.91	0+880.00	3294931.36	437867.71
0+420.00	3294521.45	438064.30	0+898.27	3294948.24	437858.42
0+440.00	3294541.44	438063.68			
0+460.00	3294561.44	438063.07			

TABLE 1- ASPHALT AREA SPECIFICATION

NAME	KM START	KM END	LENGTH(m)
AREA1	0+430.00	0+550.00	120
AREA2	0+970.00	1+150.00	180
AREA3	2+150.00	2+250.00	100
AREA4	2+800.00	3+280.00	490
AREA5	3+900.00	4+010.00	110
TOTAL			1000

TABLE 2-RETAINING WALL AREA

NAME	KM START	KM END	LENGTH(m)	WIDTH(Cm)
AREA1	2+320.00	2+350.00	30	50
AREA2	3+116.00		5	50
AREA3	3+330.00	3+390.00	120 (60*2)	40

TABLE 3-LIST OF NEW CULVERT

NUMBER	KM	TYPE OF CULVERT
1	0+384	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
2	0+900	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
3	0+943.33	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
4	1+036.30	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
5	3+940	CONCRETE PIPE CULVERT (DIAMETER 80 cm)

TABLE 4-LIST OF ROAD WIDENING AREA

NUMBER	KM START	KM END	LENGTH(m)	WIDTH (m)
1	0+890	0+750	30	1.50
2	1+482	1+520	28	1.00
3	1+560	1+597	37	1.00
4	1+781	1+809	28	1.00
5	1+835	1+897	62	1.50
6	2+398	2+438	40	2.00
7	2+688	2+700	12	1.50
8	2+780	2+838	58	1.50
9	3+057	3+172	105	0.80
10	3+368	3+396	28	0.80
11	3+992	4+019	27	4.00

REFERENCE: NISOC-E-CE-160

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D04	MAY 2023	IFA	R.BERLOUE	M.FAKHARIAN	A.M.MOHRSENI	***
D03	FEB 2023	IFA	R.BERLOUE	M.FAKHARIAN	M.MEHRSHAD	***
D02	NOV 2022	IFA	R.BERLOUE	M.FAKHARIAN	M.MEHRSHAD	***
D01	OCT 2022	IFA	R.BERLOUE	M.FAKHARIAN	M.MEHRSHAD	***
D00	SEP 2022	IPC	R.BERLOUE	M.FAKHARIAN	M.MEHRSHAD	***

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WELLHEAD FACILITIES

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY

DRAWING TITLE: General Civil Layout - BK14 (Location Map)

SCALE: 1:2500

SIZE: A1

DRAWING NO.: BK-BK14-PEDCO-110-CV-PY-0001

SHEET NO.: 3 OF 4

REV.: D04

BUDGET REF. LOCATION: 953-073-9184

CLASS: F

SIZE: 4

CLASS: A

SERIAL NO.: 708210

SHEET REVISION: 3

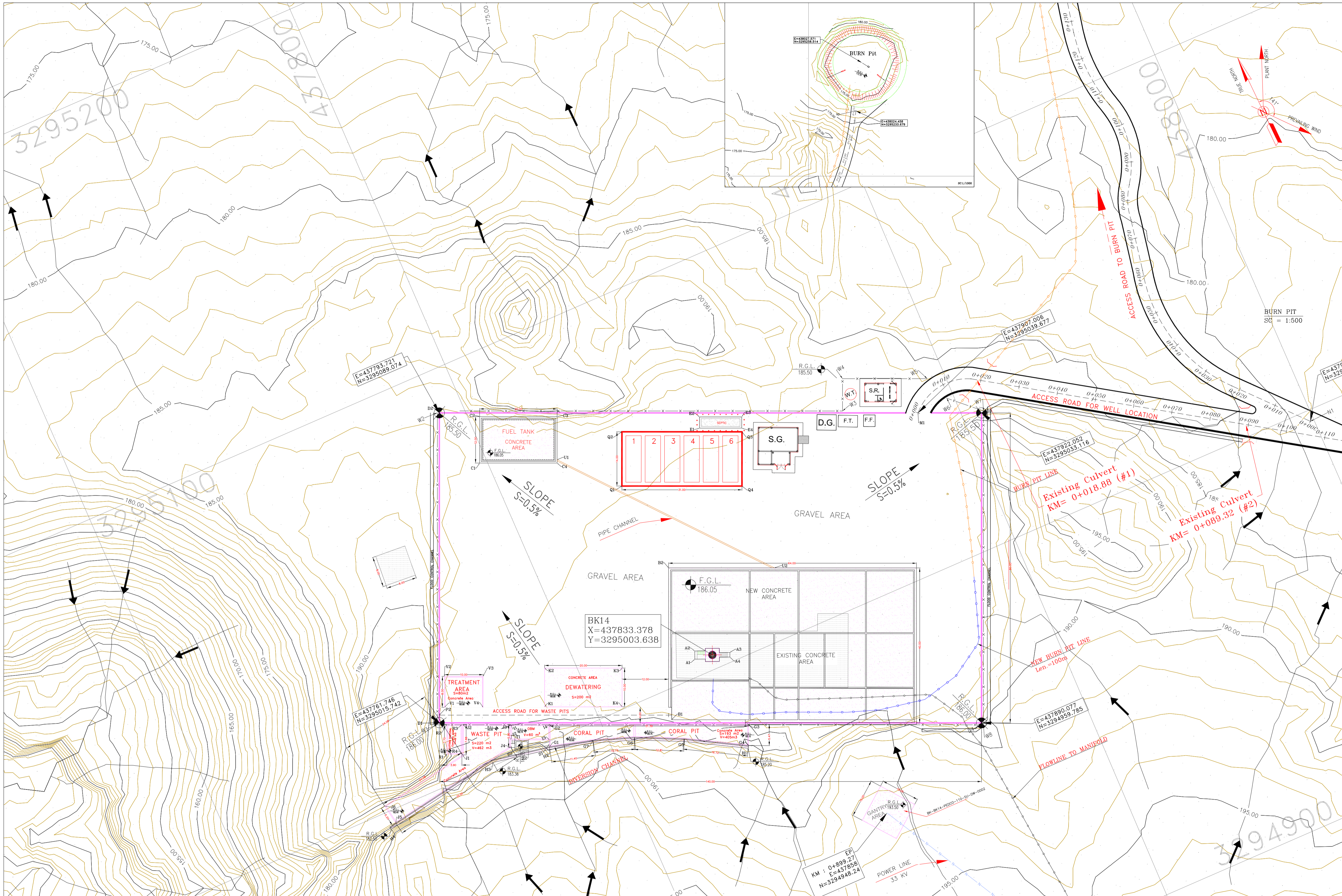
REV. APPR.: D04

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION	BY:	DATE:

Totally Revised.

IMPORTANT NOTE: THE EXACT LOCATION OF NEW CULVERT, RETAINING WALL AND ASPHALT AREA SHALL BE ADJUSTED AT SITE.



- NOTES**
- ALL COORDINATES AND ELEVATIONS ARE IN METER.
 - ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
 - GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
 HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
 ELLIPSOID: WORLD GEODETIC SYSTEM 1984 (WGS84)
 MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
 VERTICAL DATUM: MEAN SEA LEVEL
 - THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON THE BELOW RULES:
 - PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
 - "GENERAL SPECIFICATION FOR ROAD" NO.101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
 - PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRL-PEDCO-000-CV-SP-0004".
 - GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
 - BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.
 - RETAINING WALL SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.
 - PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON:
 BK-GNRL-PEDCO-000-CV-DW-0009
 - THE FENCE AROUND THE LOCATION SHALL BE BASED ON:
 BK-GNRL-PEDCO-000-CV-DW-0009
 - THE EXACT LOCATION OF NEW CULVERT AND RETAINING WALL SHALL BE ADJUSTED AT SITE.
 - THE FENCE AROUND THE LOCATION SHALL BE BASED ON:
 BK-GNRL-PEDCO-000-CV-DW-0009

LEGEND

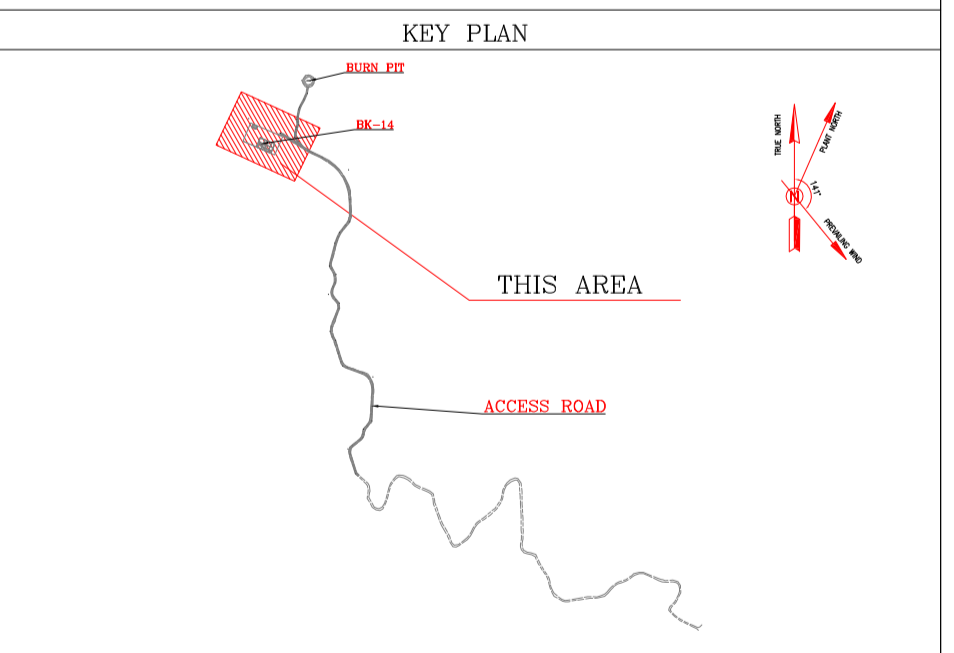
	Existing GRAVEL ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	ASPHALT ROAD		WATER COURSE
	STAIR		CONTOURS
	TRENCH		SPOT HEIGHT
	FENCE		BENCH MARK
	RETAINING WALL		POWER LINE
	WATER LINE		CULVERT
	BUILDING		WELL LOCATION
	CONCRETE AREA		WELL
	EXISTING CONCRETE AREA		BURNPIT
	SEPTIC		SITE (LOCATION)
	MANHOLE		DRILLING CONEX AREA
	POLE		OIL LINE
	HELIPAD		BURN PIT LINE
	GEOMEMBRANE AREA		ROAD WIDENING AREA

REFERENCE DRAWING

REFERENCE DRAWING	DRG. No.
Civil and Structural drawings - BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plans - BK14	BK-BK14-PEDCO-110-CV-DW-0001
Pipe Plan Drawing - BK14	BK-BK14-PEDCO-110-PI-DW-0001
Architectural Drawing For Well Pads - BK14	BK-BK14-PEDCO-110-AS-DW-0001
Standard Drawing For Fence & Gate Details	BK-GNRL-PEDCO-000-CV-DW-0009
Architectural Drawing For Diesel Generator Shelter of Well Pads - BK14	BK-BK14-PEDCO-110-AS-DW-0002
Architectural Drawing For Well Pads - BK14	BK-BK14-PEDCO-110-AS-DW-0003
Architectural Drawing For Security Building of Well Pads - BK14	BK-BK14-PEDCO-110-AS-DW-0004
Over Head Line Plan and Profile - BK14	BK-BK14-PEDCO-110-SU-DW-0002

ABBREVIATIONS

F.T.	FUEL TANK	W.T.	WATER TANK
S.R.	SECURITY ROOM	D.G.	DIESEL GENERATOR SHELTER
S.G.	SWITCH GEAR	F.F.	FIRE FIGHTING SHELTER



AREA NAME	DESCRIPTION	UTM - COORDINATE (ZONE 39N)	REMARKS & Reference Drawing	AREA NAME	DESCRIPTION	UTM - COORDINATE (ZONE 39N)	REMARKS & Reference Drawing	AREA NAME	DESCRIPTION	UTM - COORDINATE (ZONE 39N)	REMARKS & Reference Drawing																		
AREA-A	CELLAR	A1 437828.80 3295004.44 A2 437829.63 3295008.38 A3 437837.78 3295002.42 A4 437837.31 3295001.31 B1 437816.67 3294992.34 B2 437832.00 3295028.75 B3 437890.66 3295003.17 B4 437874.52 3294986.13 C1 437798.09 3295073.04 C2 437802.89 3295084.04 C3 437821.22 3295076.05 C4 437816.43 3295065.05 D1 437761.75 3295015.74 D2 437793.72 3295089.07 D3 437922.05 3295032.12 D4 437890.08 3294959.78 E1 437853.685 3295058.601 E2 437854.867 3295061.315 E3 437864.915 3295056.939 E4 437863.734 3295054.225	AREA-G	CORAL PIT (CONCRETE AREA)	G1 437785.35 3294998.71 G2 437787.66 3295004.01 G3 437834.77 3294983.46 G4 437832.58 3294978.45 G5 437818.05 3294986.72 G6 437806.47 3294992.18 G7 437798.35 3294995.76 H1 437782.24 3294977.84 H2 437775.18 3294998.03 H3 437770.34 3295000.83 H4 437739.39 3294995.53 I1 437778.49 3295008.00 I2 437778.89 3295004.34 I3 437786.06 3295000.34 I4 437787.66 3295004.01 J1 437763.97 3295005.73 J2 437771.13 3295012.96 J3 437778.49 3295008.00 J4 437778.11 3295002.54 J5 437741.12 3294996.54 J6 437740.24 3295001.66 K1 437788.33 3295008.67 K2 437792.33 3295017.84 K3 437810.66 3295009.84 KE 437808.66 3295000.68	AREA-L	BURN PIT (CONCRETE AREA)	L1 438027.57 3295258.51	AREA-M	ACCESS ROAD TO WELL LOCATION	M1 437907.01 3295039.68	AREA-N	ACCESS ROAD TO BURHPIT	N1 437909.02 3294997.20 N2 438024.46 3295233.68	AREA-P	ACCESS ROAD TO PIT AREA	P1 437817.54 3294993.59 P2 437782.55 3295017.57 Q1 437829.387 3295052.926 Q2 437834.983 3295065.759 Q3 437863.399 3295053.368 Q4 437857.803 3295040.535	AREA-R	CUTTING DISPOSAL AREA	R1 437760.29 3295007.54 R2 437783.37 3295014.60 R3 437766.94 3295013.04 R4 437783.86 3295005.98 S1 437785.66 3294999.42 S2 437776.31 3295003.01	AREA-S	MUD CHANNEL (CONCRETE AREA)	S1 437785.66 3294999.42	AREA-T	OIL TRAP (CONCRETE AREA)	T1 437777.82 3295003.78 T2 437780.01 3294999.96	AREA-U	PIPE CHANNEL (CONCRETE AREA)	U1 437816.77 3295065.83 U2 437857.08 3295017.81

REV.	DESCRIPTION	BY	DATE	CHECKED	BY	DATE	APP.	REV. APPR.
D04	MAY 2023	IFA		R.BERLOUE	M.FAKHARIAN	A.M.MOHSSENI	***	
D03	FEB 2023	IFA		R.BERLOUE	M.FAKHARIAN	M.MEHRSHAD	***	
D02	NOV 2022	IFA		R.BERLOUE	M.FAKHARIAN	M.MEHRSHAD	***	
D01	OCT 2022	IFA		R.BERLOUE	M.FAKHARIAN	M.MEHRSHAD	***	
D00	SEP 2022	IFA		R.BERLOUE	M.FAKHARIAN	M.MEHRSHAD	***	
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.		

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WELLHEAD FACILITIES

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PEDCO

BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES BK14 WELLHEAD FACILITIES

DATE: SCALE: DRAWING BY: CHECKED BY: PROJECT ENG.

DRAWING TITLE: General Civil Layout - BK14 (Site Plan)

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
1:500	A1	BK-BK14-PEDCO-110-CV-PY-0001	4 OF 4	D04	053-073-9184	F	4	A	708210	4	D04

BENCH MARK LIST

NAME	Easting	Northing	Elevation
GPS1	437770.859	3295060.106	171.419
GPS2	437770.394	3295060.096	171.418

D04
Totally Revised.