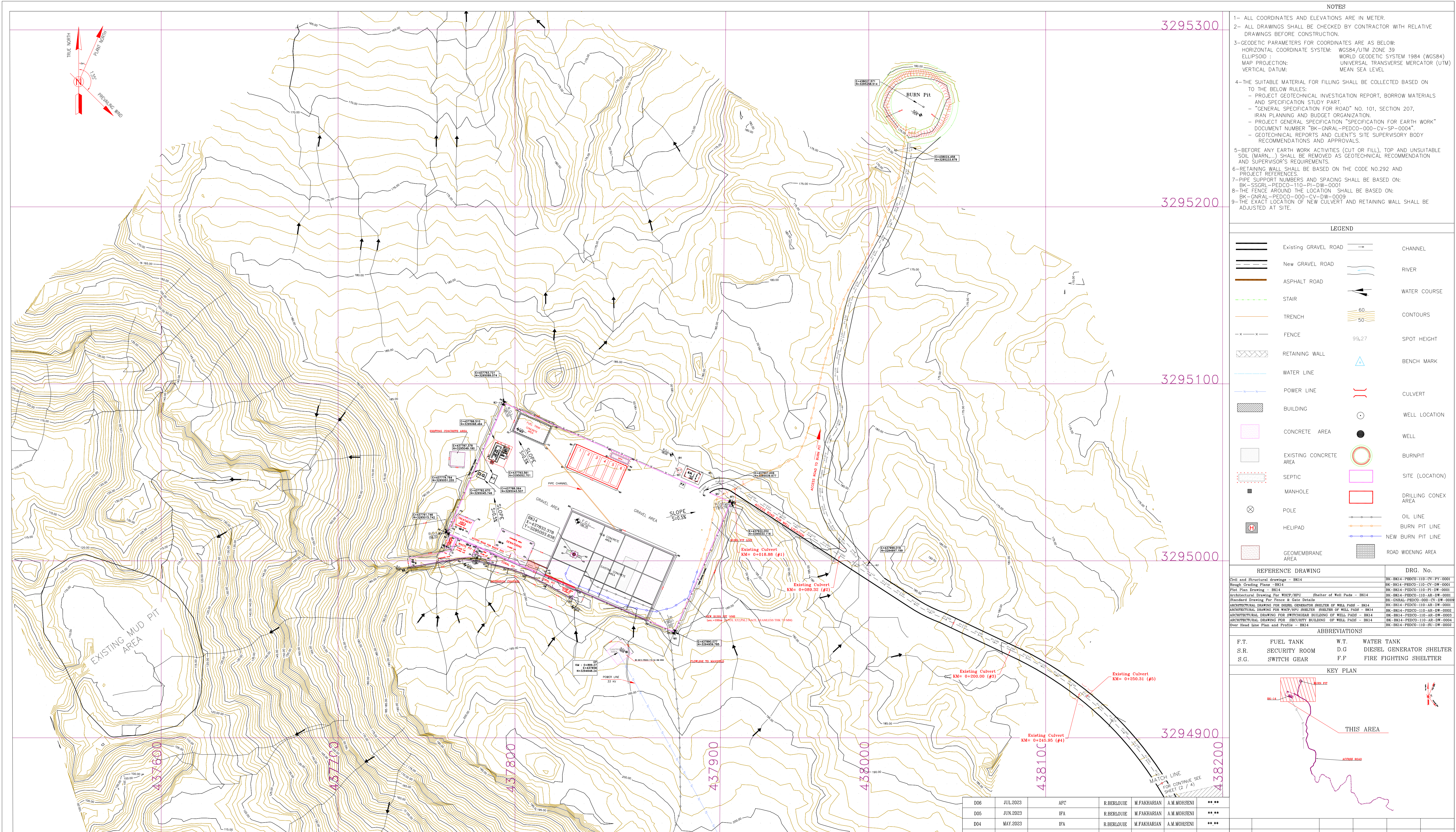




BENCH MARK LIST			
NAME	Easting	Northing	Elevation
GPS1	437770.859	3295060.106	171.419
GPS2	437770.794	3295060.096	171.418

POWER LINE COORDINATION					
Station	Northing	Easting	Station	Northing	Easting
0+000.00	3294101.65	438077.16	0+480.00	3294580.90	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	3294181.61	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
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	3294825.22	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	3294501.47	438064.91	0+880.00	3294931.36	437867.71
0+420.00	3294521.46	438064.30	0+895.27	3294948.24	437858.42
0+440.00	3294541.45	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+200.00	400
AREA5	3+900.00	4+010.00	110
TOTAL			1000

TABLE 2- RETAINING WALL AREA			
NAME	KM START	KM END	LENGTH(m)
AREA1	2+320.00	2+350.00	30
AREA2	3+116.00		5
AREA3	3+330.00	3+390.00	120 (60*2)
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)
1	0+580	0+620	30
2	1+700	1+750	28
3	2+200	2+230	37

D06	JUL.2023	APC	R.BERLOUE	M.FAKHARIAN	A.M.MOHSSENI	***
D05	JUN.2023	IPA	R.BERLOUE	M.FAKHARIAN	A.M.MOHSSENI	***
D04	MAY.2023	IPA	R.BERLOUE	M.FAKHARIAN	A.M.MOHSSENI	***
D03	FEB.2023	IPA	R.BERLOUE	M.FAKHARIAN	M.MEHRSHAD	***
D02	NOV.2022	IPA	R.BERLOUE	M.FAKHARIAN	M.MEHRSHAD	***
D01	OCT.2022	IPA	R.BERLOUE	M.FAKHARIAN	M.MEHRSHAD	***
D00	SEP.2022	IPC	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			EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY			
EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY			

DRAWING TITLE: General Civil Layout - BK14 (Location Map)						
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION
1:1000	A1	BK-BK14-PEDCO-110-CV-PY-0001	1 OF 4	D06	053-073-9184	F

NOTES

- ALL COORDINATES AND ELEVATIONS ARE IN METER.
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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 TO 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-CNRAI-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.
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- THE FENCE AROUND THE LOCATION SHALL BE BASED ON: BK-CNRAI-PEDCO-000-CV-DW-0009
- THE EXACT LOCATION OF NEW CULVERT AND RETAINING WALL SHALL BE ADJUSTED AT SITE.

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	NEW BURN PIT LINE
POLE	ROAD WIDENING AREA
HELIPAD	
GEOMEMBRANE AREA	

REFERENCE DRAWING

DRG. No.
BK-BK14-PEDCO-110-CV-PY-0001
BK-BK14-PEDCO-110-CV-DW-0001
BK-BK14-PEDCO-110-PI-DW-0001
BK-BK14-PEDCO-110-AR-DW-0001
BK-BK14-PEDCO-110-AR-DW-0002
BK-BK14-PEDCO-110-AR-DW-0003
BK-BK14-PEDCO-110-AR-DW-0004
BK-BK14-PEDCO-110-AR-DW-0005
BK-BK14-PEDCO-110-AR-DW-0006
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BK-BK14-PEDCO-110-AR-DW-0013
BK-BK14-PEDCO-110-AR-DW-0014
BK-BK14-PEDCO-110-AR-DW-0015
BK-BK14-PEDCO-110-AR-DW-0016
BK-BK14-PEDCO-110-AR-DW-0017
BK-BK14-PEDCO-110-AR-DW-0018
BK-BK14-PEDCO-110-AR-DW-0019
BK-BK14-PEDCO-110-AR-DW-0020

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

KEY PLAN

THIS AREA

ACTUAL ROAD

REV. DESCRIPTION BY DATE BY DATE

CHECKED REV. APPR.

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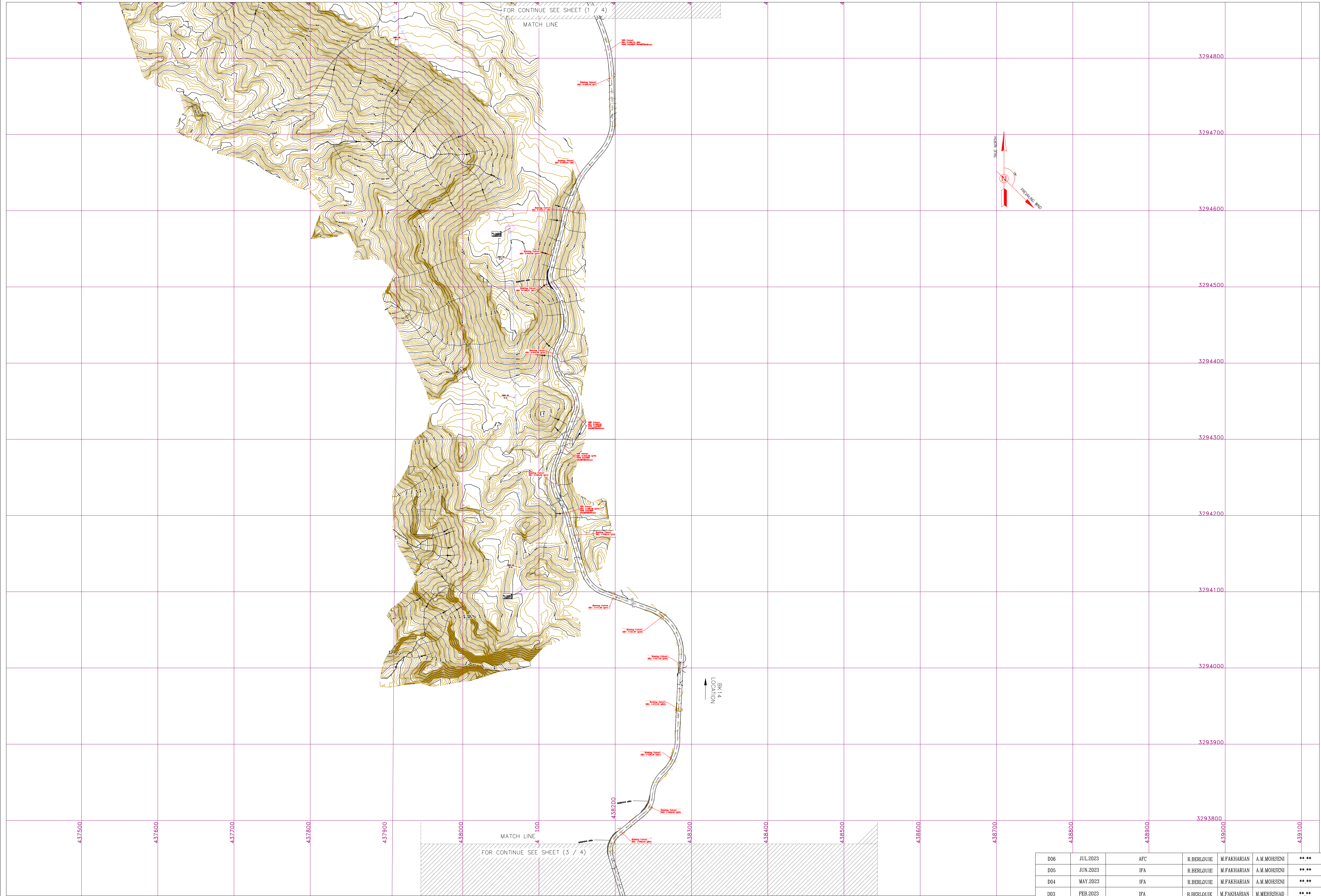
BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES BK14 WELLHEAD FACILITIES

DATE SCALE DRAWING BY CHECKED BY PROJECT ENG.

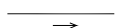
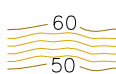
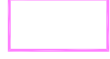
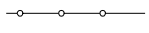
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

APPROVED FOR CONSTRUCTION BY: DATE:

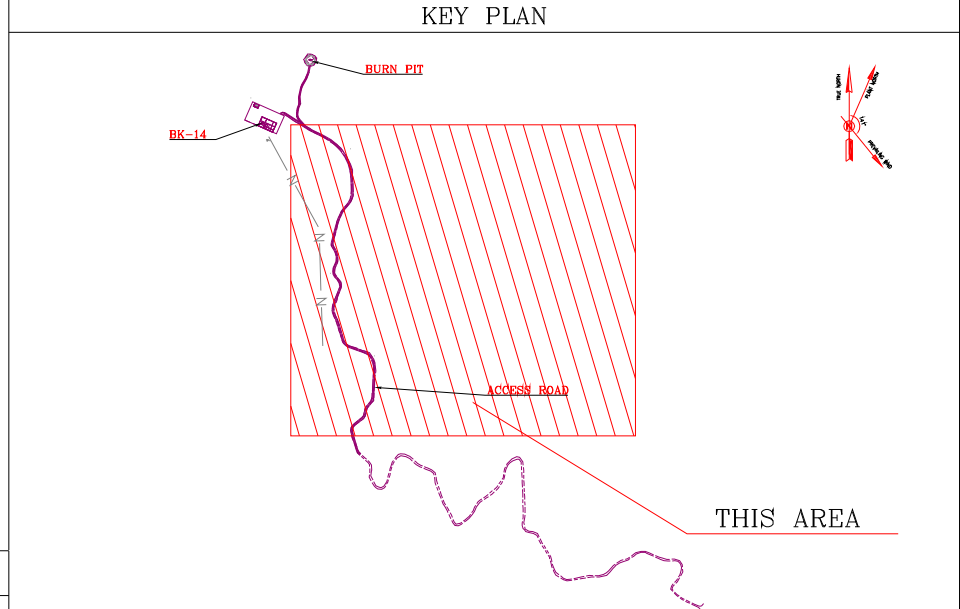


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LEGEND			
	Existing GRAVEL ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	ASPHALT ROAD		WATER COURSE
	STAIR		CONTOURS
	TRENCH		FENCE
	RETAINING WALL		SPOT HEIGHT
	WATER LINE		BENCH MARK
	POWER LINE		CULVERT
	BUILDING		WELL LOCATION
	CONCRETE AREA		WELL
	EXISTING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

REFERENCE DRAWING		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
Plan Plan Drawing - BK14		BK-BK14-PEDCO-110-PI-DW-0001
Architectural Drawing For WHCP/PPU Shutter of Well Pads - BK14		BK-BK14-PEDCO-110-AR-DW-0001
Standard Drawing For Fence & Gate Details		BK-BK14-PEDCO-000-CV-DW-0009
ARCHITECTURAL DRAWING FOR DIESEL GENERATOR SHELTER OF WELL PADS - BK14		BK-BK14-PEDCO-110-AR-DW-0001
ARCHITECTURAL DRAWING FOR WHCP/PPU SHELTER SHELTER OF WELL PADS - BK14		BK-BK14-PEDCO-110-AR-DW-0002
ARCHITECTURAL DRAWING FOR SWITCHBOARD BUILDING OF WELL PADS - BK14		BK-BK14-PEDCO-110-AR-DW-0003
ARCHITECTURAL DRAWING FOR SECURITY BUILDING OF WELL PADS - BK14		BK-BK14-PEDCO-110-AR-DW-0004
Over Head Line Plan and Profile - BK14		BK-BK14-PEDCO-110-BU-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



BENCH MARK LIST			
NAME	Easting	Northing	Elevation
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POWER LINE COORDINATION					
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0+260.00	3294361.53	438069.20	0+740.00	3294808.70	437935.19
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0+440.00	3294541.45	438063.68			
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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+290.00	490
AREA5	3+900.00	4+010.00	110
TOTAL			1000

TABLE 2- RETAINING WALL AREA			
NAME	KM START	KM END	LENGTH(m)
AREA1	2+320.00	2+350.00	30
AREA2	3+116.00		5
AREA3	3+330.00	3+390.00	120 (60*2)
AREA4	2+800.00	3+290.00	490
AREA5	3+900.00	4+010.00	110

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)
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TABLE 4- LIST OF ROAD WIDENING AREA			
NUMBER	KM START	KM END	LENGTH(m)
1	0+580	0+620	30
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D06	JUL.2023	APC	R.BERLOUE	M.FAKHARIAN	A.M.MOHSSENI	***
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D00	SEP.2022	IPC	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:	EPD/EPC CONTRACTOR (GC):
HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES	PETROIRAN DEVELOPMENT COMPANY

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
1:2500	A1	BK-BK14-PEDCO-110-CV-PY-0001	2 OF 4	D06

اصل و کليه نسخ این نقشه و حق اقبالی متعلق به شرکت ملی مناطق نفت خیز جنوب می باشد.



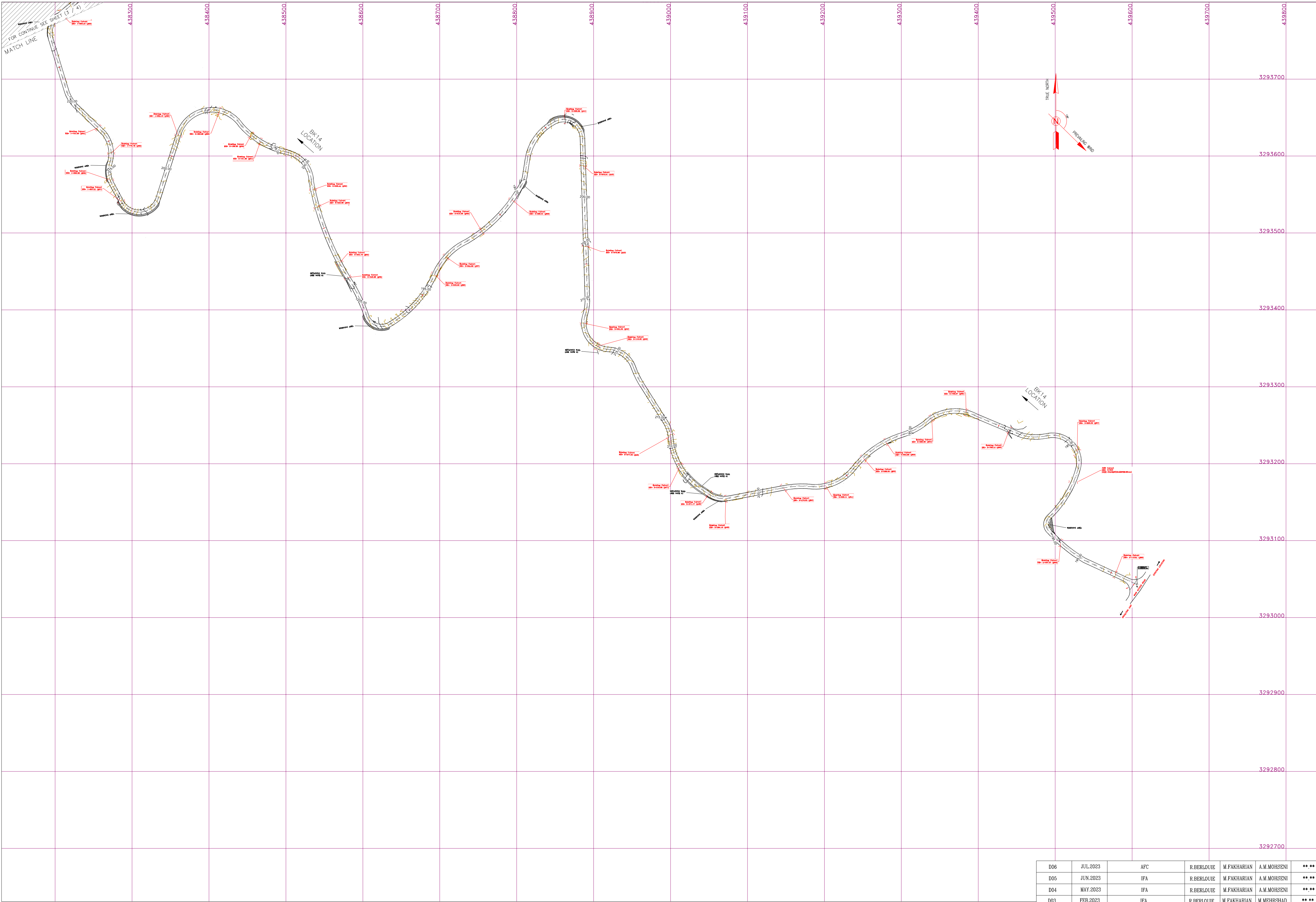
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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WELLHEAD FACILITIES

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	A	708210	2	D06

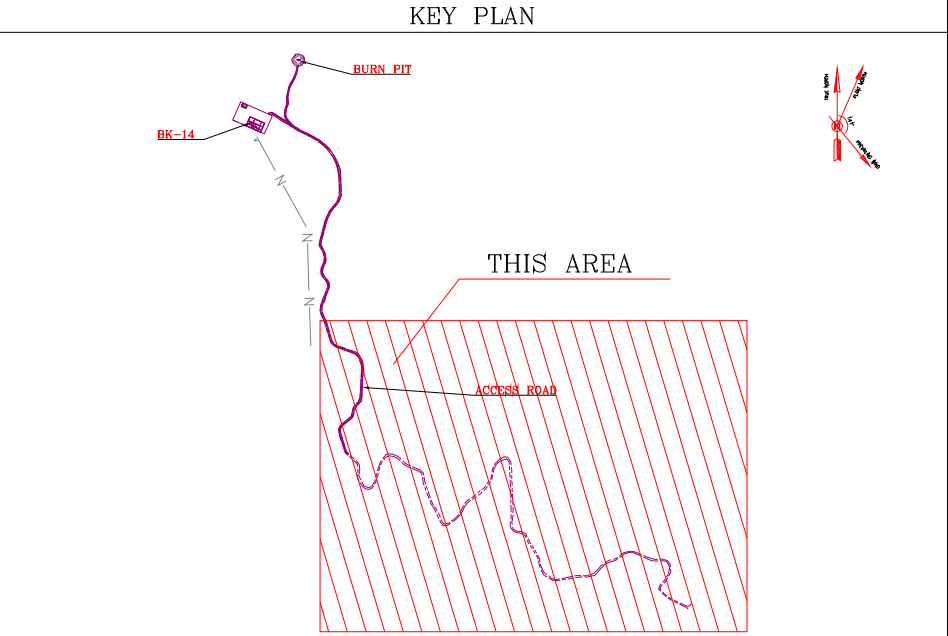


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LEGEND			
	Existing GRAVEL ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	ASPHALT ROAD		WATER COURSE
	STAIR		CONTOURS
	TRENCH		SPOT HEIGHT
	FENCE		BENCH MARK
	RETAINING WALL		CULVERT
	WATER LINE		WELL LOCATION
	POWER LINE		WELL
	BUILDING		BURNPIT
	CONCRETE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

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
Plan Plan Drawing - BK14		BK-BK14-PEDCO-110-PI-DW-0001
Architectural Drawing For WHCP/PPU Shutter of Well Pads - BK14		BK-BK14-PEDCO-110-AR-DW-0001
Standard Drawing For Fence & Gate Details		BK-BK14-PEDCO-000-CV-DW-0009
ARCHITECTURAL DRAWING FOR DIESEL GENERATOR SHELTER OF WELL PADS - BK14		BK-BK14-PEDCO-110-AR-DW-0001
ARCHITECTURAL DRAWING FOR WHCP/PPU SHELTER SHELTER OF WELL PADS - BK14		BK-BK14-PEDCO-110-AR-DW-0002
ARCHITECTURAL DRAWING FOR SWITCHBOARD BUILDING OF WELL PADS - BK14		BK-BK14-PEDCO-110-AR-DW-0003
ARCHITECTURAL DRAWING FOR SECURITY BUILDING OF WELL PADS - BK14		BK-BK14-PEDCO-110-AR-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



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	3294580.30	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	3294825.22	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	3294501.47	438064.91	0+880.00	3294931.36	437867.71
0+420.00	3294521.46	438064.30	0+898.27	3294948.24	437858.42
0+440.00	3294541.45	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+290.00	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)
1	0+580	0+620	30
2	1+700	1+750	28
3	2+200	2+230	37

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

D06	JUL.2023	APC	R.BERLOUE	M.FAKHARIAN	A.M.MOHSSENI	**
D05	JUN.2023	IFA	R.BERLOUE	M.FAKHARIAN	A.M.MOHSSENI	**
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	IPC	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:			EPD/EPC CONTRACTOR (GC):			
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE: General Civil Layout - BK14 (Location Map)						
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.
1:2500	A1	BK-BK14-PEDCO-110-CV-PY-0001			3 OF 4	D06



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BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES BK14 WELLHEAD FACILITIES						
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	A	708210	3	D06

