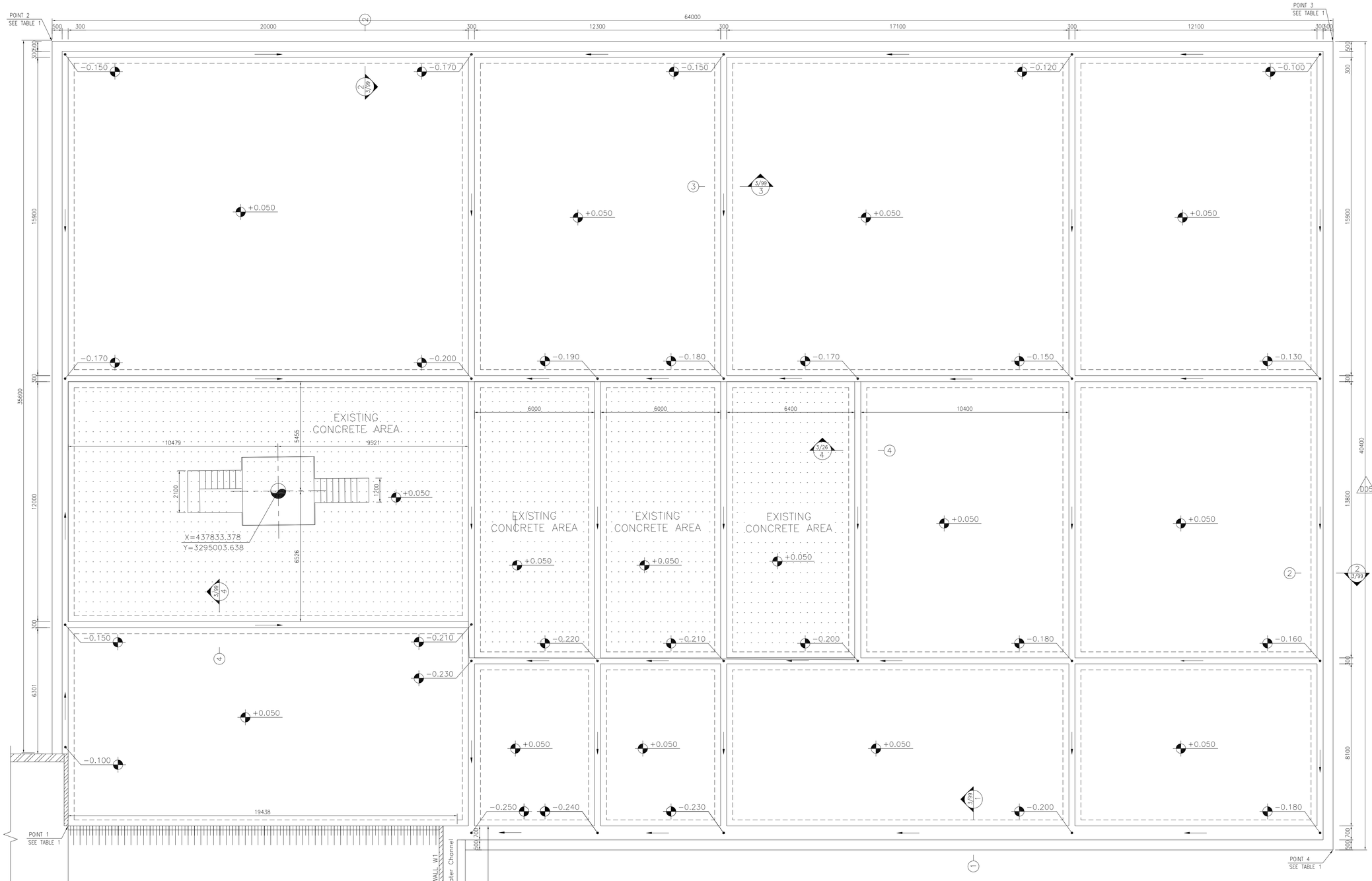
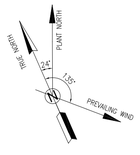


WELLPAD FOUNDATION PLAN
FORMWORK
1:100

TABLE 1 (CORNERS COORDINATES)		
POINT 1	E=437817.067	N=3294992.493
POINT 2	E=437832.001	N=3295028.744
POINT 3	E=437890.665	N=3295003.167
POINT 4	E=437874.519	N=3294966.135



NOTES

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3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
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6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm^2
7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR,
BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm³
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
9- JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR . VERTICAL JOINTS IN WALLS. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION
10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
11- 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: MSL
12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.

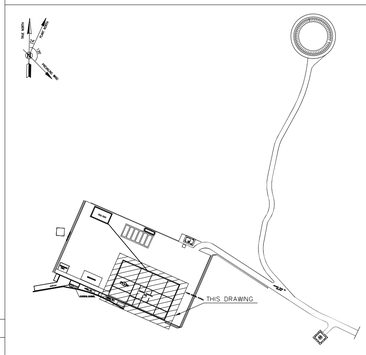
±0.00 = +186.00(R.G.L.)MSL

LEGEND AND ABBREVIATION

REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
LEAN CONCRETE	T.O.W.	TOP OF WALL
CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
GRAVEL	B.O.C	BOTTOM OF CONCRETE
SUB GRADE	T.O.PIT	TOP OF PIT
SLOPE	B.O.P.	BOTTOM OF PIPE
GRAVEL	R.G.L.	ROUGH GRADING LEVEL
	T.O.CH.	TOP OF CHANNEL
	T.O.R	TOP OF ROAD

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
STANDARD DRAWING FOR FENCE & GATE DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0009
GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT - BK14	BK-BK14-PEDCO-110-CV-PY-0001
PLOT PLAN DRAWING - BK14	BK-BK14-PEDCO-110-PI-PY-0001
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STRUCTURAL DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0008

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.F.AKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.F.AKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.F.AKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.F.AKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.F.AKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.F.AKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020
EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-BK14 WELLPAD FOUNDATION FORMWORK PLAN

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-BK14-PEDCO-110-CV-DW-0001	1 OF 99	D05

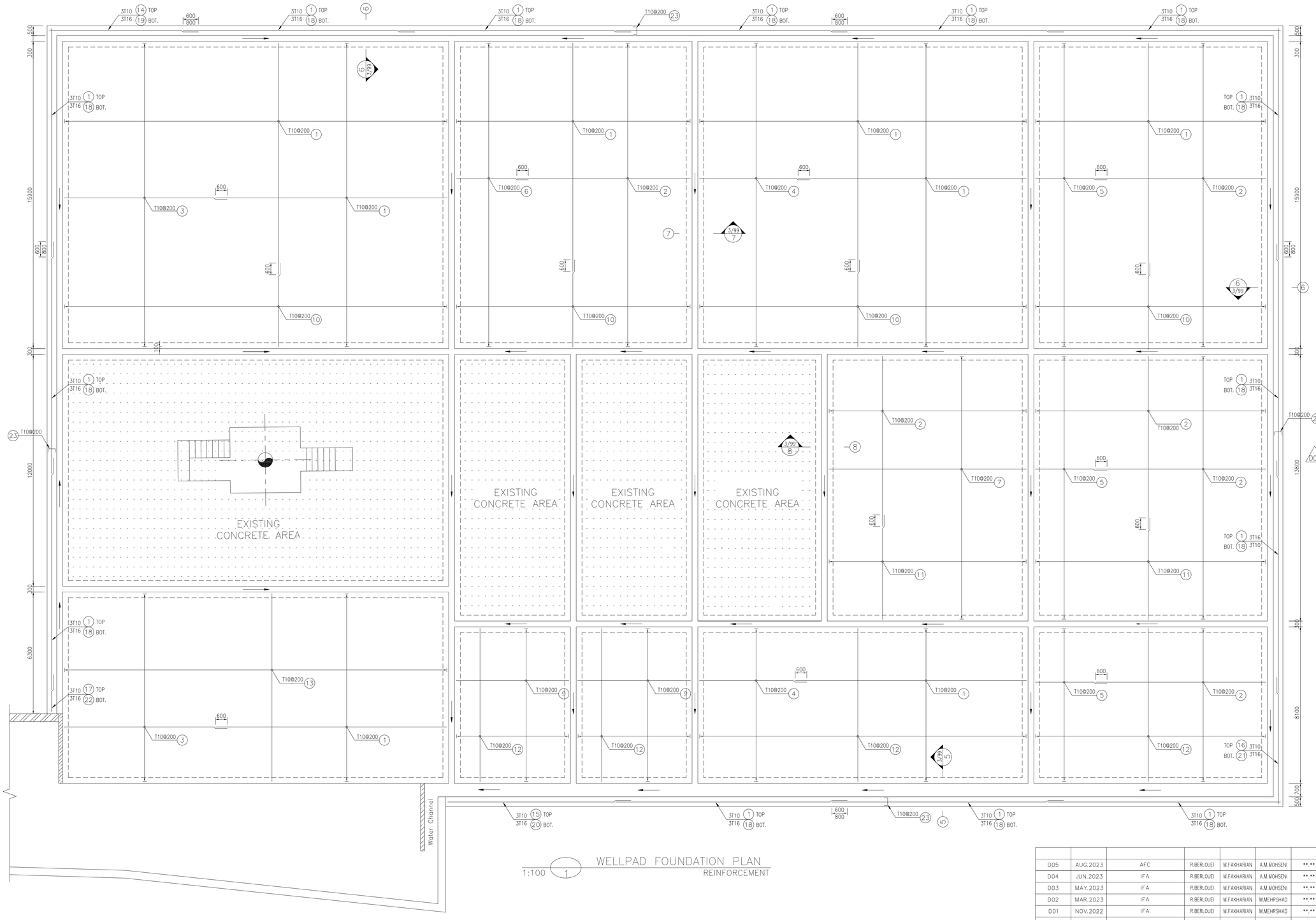
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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

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	S	708209	1	D05



WELLPAD FOUNDATION PLAN REINFORCEMENT

1:100

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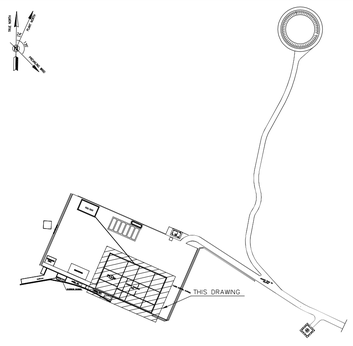
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KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
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REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****

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PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

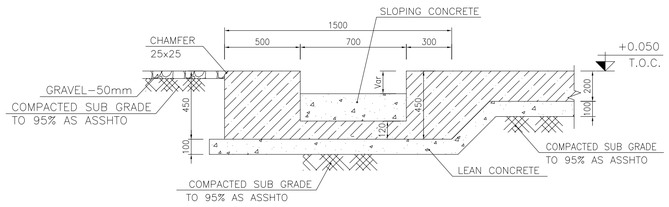
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APPROVED FOR CONSTRUCTION | BY: | DATE:

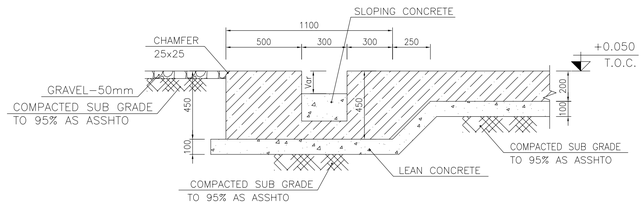
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-BK14
WELLPAD FOUNDATION REINFORCEMENT PLAN

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-BK14-PEDCO-110-CV-DW-0001	2 OF 99	D05

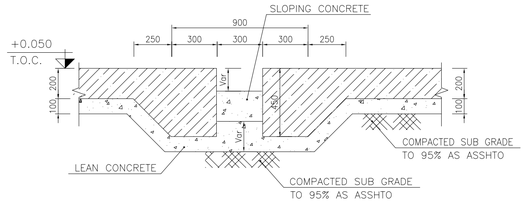
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	2	D05



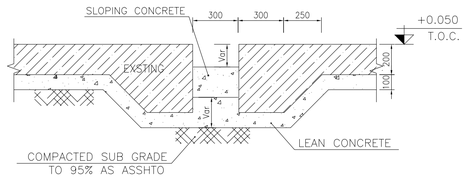
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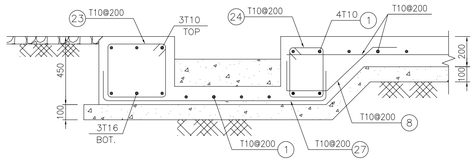
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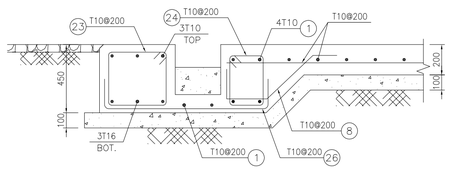
1/99 — 1:20 — 3 — TYPICAL CHANNEL SECTION IN MIDDLE SIDE FORMWORK



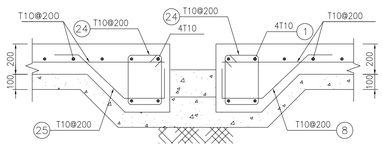
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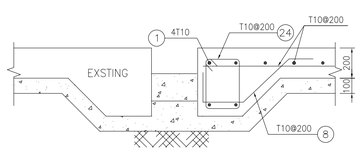
2/99 — 1:20 — 5 — TYPICAL CHANNEL SECTION IN BOUNDARY SIDE REINFORCEMENT



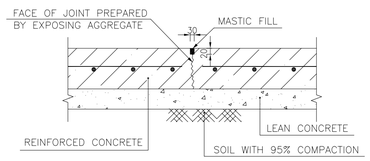
2/99 — 1:20 — 6 — TYPICAL CHANNEL SECTION IN BOUNDARY SIDE REINFORCEMENT



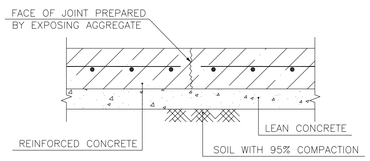
2/99 — 1:20 — 7 — TYPICAL CHANNEL SECTION IN MIDDLE SIDE REINFORCEMENT



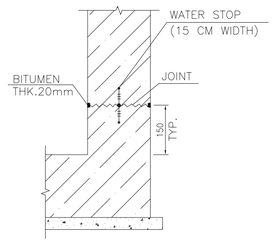
2/99 — 1:20 — 8 — TYPICAL CHANNEL SECTION IN MIDDLE SIDE REINFORCEMENT



– — N.T.S. — 9 — TYPICAL CONTRACTION JOINT



– — N.T.S. — 10 — TYPICAL CONSTRUCTION JOINT



– — N.T.S. — 11 — TYPICAL DETAIL OF WATER STOP

BAR BENDING SCHEDULE – WELLPAD

Pos	Spec.	Shape	L/A	No.	T10	T16
1	T10	12000	12.00	805	9660.0	
2	T10	9000	9.00	370	3330.0	
3	T10	8450	8.45	122	1030.9	
4	T10	5550	5.55	113	627.15	
5	T10	3550	3.55	180	639.0	
6	T10	3750	3.75	76	285.0	
7	T10	10250	10.25	66	676.5	
8	T10	150 / 200 / 400 / 150	0.90	2840	2556.0	
9	T10	5850	5.85	74	432.9	
10	T10	4350	4.35	295	1283.25	
11	T10	5250	5.25	114	598.50	
12	T10	7950	7.95	195	1550.25	
13	T10	9750	9.75	97	945.75	
14	T10	6800	6.80	45	306.0	
15	T10	9000	9.00	45	405.0	
16	T10	6000	6.00	45	270.0	
17	T10	1300	1.30	6	7.80	
18	T16	12000	12.00	42		504.00
19	T16	7800	7.80	3		23.40
20	T16	9600	9.60	3		28.80
21	T16	6600	6.60	3		19.80
22	T16	1900	1.90	3		5.70
23	T10	300 / 350 / 100	1.50	925	1387.5	
24	T10	250 / 150 / 100	1.00	2840	2840.0	
25	T10	150 / 1350 / 150	1.65	210	346.5	
26	T10	150 / 950 / 150	1.25	710	887.5	
TOTAL LENGTH OR AREA (m/m2)					30065.50	581.70
UNIT WEIGTH (Kg)					0.617	1.578
WEIGTH (Kg)					18550.42	917.93
GRAND TOTAL (Kg)					19500	

D05

* SHOULD BE USED MICRO SILICA IN THE FLOOR AND WALLS CONCRETE. (IN THE FORM OF A GEL CONTAINING FIBER MATERIAL)

** SHOULD BE USED THE EMULSION ON CONCRETE EXPOSED WITH SOIL.
B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS. THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640

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8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm³
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
9- JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION
10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
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ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.

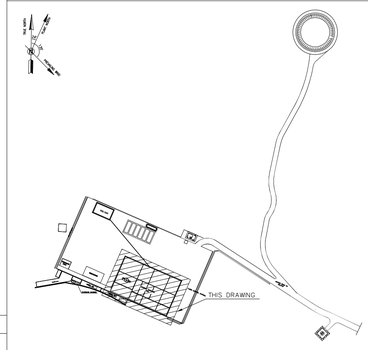
±0.00 = +186.00(R.G.L.)MSL

LEGEND AND ABBREVIATION

REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
LEAN CONCRETE	T.O.W.	TOP OF WALL
CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
GRAVEL	B.O.C	BOTTOM OF CONCRETE
SUB GRADE	T.O.PIT	TOP OF PIT
SLOPE	B.O.P.	BOTTOM OF PIPE
GRAVEL	R.G.L.	ROUGH GRADING LEVEL
	T.O.CH.	TOP OF CHANNEL
	T.O.R	TOP OF ROAD

REFERENCE DRAWING	DRG. No.
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GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT - BK14	BK-BK14-PEDCO-110-CV-PY-0001
PLOT PLAN DRAWING - BK14	BK-BK14-PEDCO-110-PI-PY-0001
ROUGH GRADING PLANS - BK14	BK-BK14-PEDCO-110-CV-DW-0003
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
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FOUNDATION DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0007
STRUCTURAL DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0008

KEY PLAN



REV.	DESCRIPTION	CHECKED		REV. APPR.	
		BY	DATE	BY	DATE
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI
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D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.
***	**********	**	***	**	***
		**	****	**	****

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-BK14 WELLPAD AND RIG FOUNDATION DETAILS & SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-BK14-PEDCO-110-CV-DW-0001	3 OF 99	D05

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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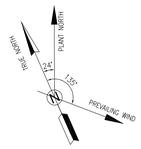
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

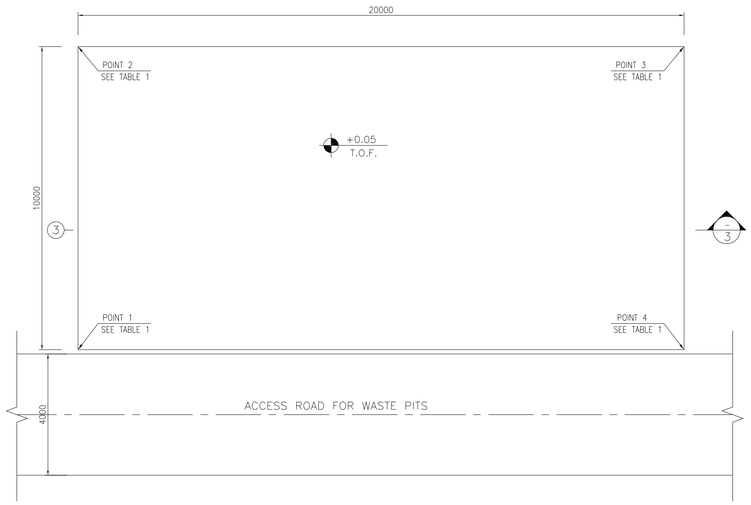
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

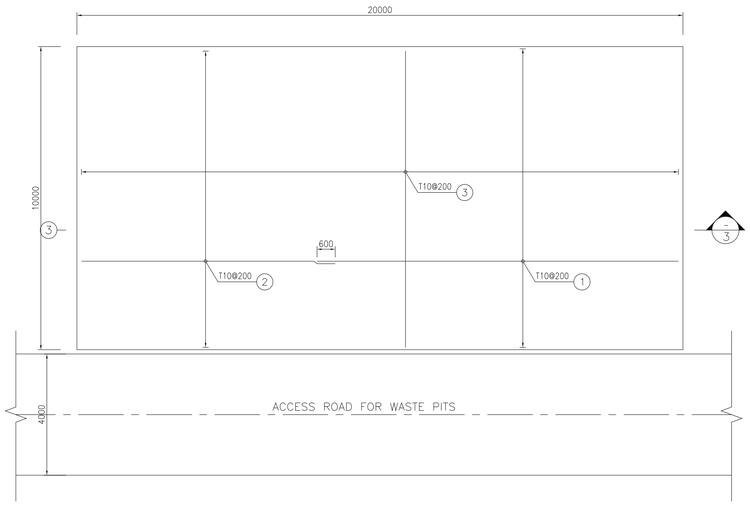
APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	3	D05

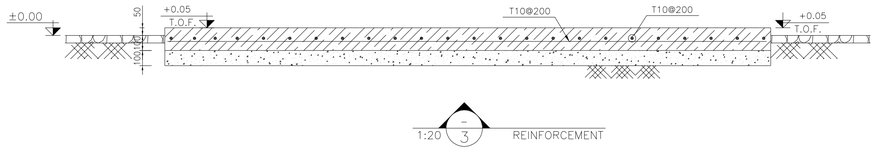




1:100 2 DEWATERING PLAN
FORMWORK



1:100 2 DEWATERING PLAN
REINFORCEMENT



Pos	Spec.	Shape	L/A	No.	T10
1	T10	12000	12.000	51	612.000
2	T10	8450	8.450	51	430.950
3	T10	9850	9.850	101	994.850
TOTAL LENGTH OR AREA (m/m2)					2037.80
UNIT WEIGHT (Kg)					0.617
WEIGHT (Kg)					1257.32
GRAND TOTAL (Kg)					1257 Kg.

TABLE 1 (CORNERS COORDINATES)		
POINT 1	E=437788.334	N=3295008.667
POINT 2	E=437792.331	N=3295017.834
POINT 3	E=437810.664	N=3295009.841
POINT 4	E=437806.667	N=3295000.674

NOTES

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4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(ON CYLINDRICAL SPECIMEN)
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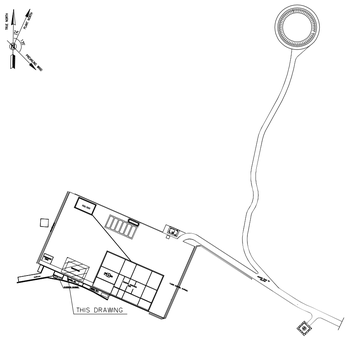
±0.00 = +186.00(R.G.L.)MSL

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SUB GRADE	T.O.PIT	TOP OF PIT
SLOPE	B.O.P.	BOTTOM OF PIPE
GRAVEL	R.G.L.	ROUGH GRADING LEVEL
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	T.O.R	TOP OF ROAD

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GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
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PLOT PLAN DRAWING - BK14	BK-BK14-PEDCO-110-PI-PY-0001
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KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
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D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

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N.I.S.O.C./ FIELDS

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

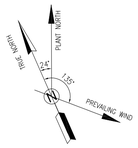
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

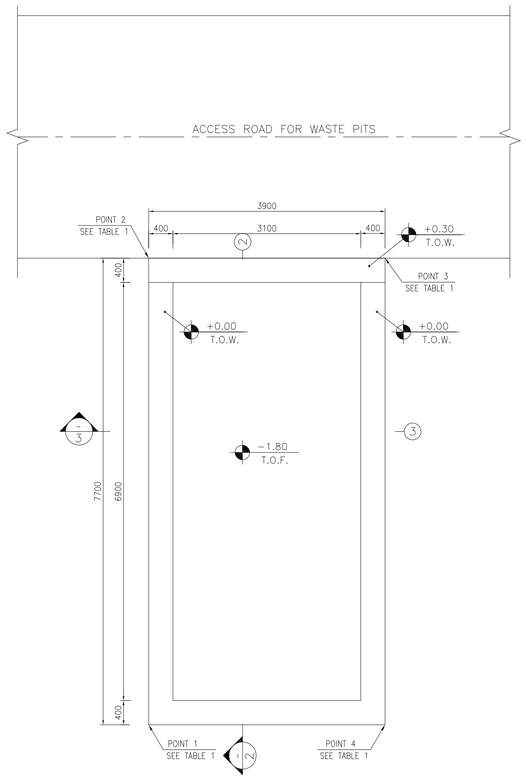
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-BK14
DEWATERING FORMWORK & REINFORCEMENT PLAN-SECTION

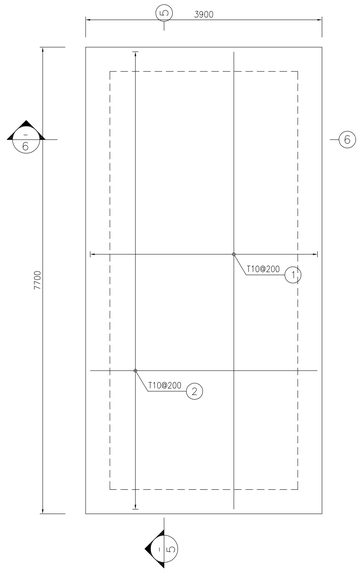
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION			BY:		DATE:	
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-BK14-PEDCO-110-CV-DW-0001	4 OF 99	D05	053-073-9184	F	4	S	708209	4	D05





CUTTING DISPOSAL PLAN
1:50 (1)

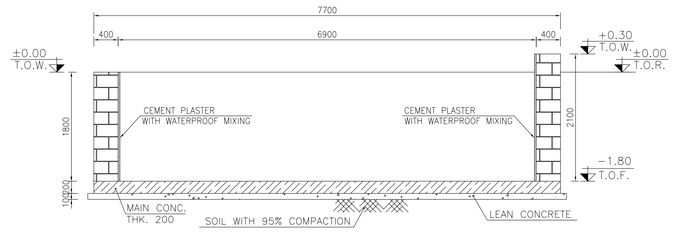


CUTTING DISPOSAL PLAN
REINFORCEMENT
1:50 (4)

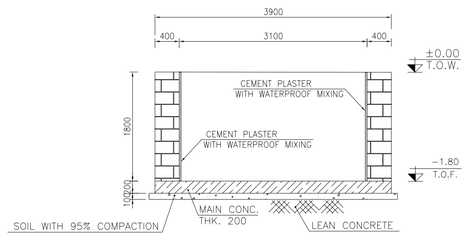
TABLE 1 (CORNERS COORDINATES)		
POINT 1	E=437760.293	N=3295007.536
POINT 2	E=437763.370	N=3295014.594
POINT 3	E=437766.945	N=3295013.035
POINT 4	E=437763.868	N=3295005.977

BAR BENDING SCHEDULE – CUTTING DISPOSAL

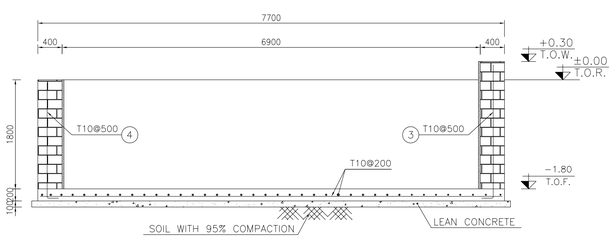
Pos	Spec.	Shape	L/A	No.	T10
1	T10	7550	7.550	20	151.00
2	T10	3750	3.750	39	146.25
3	T10	150 2150	2.30	9	20.70
4	T10	150 1850	2.00	39	78.00
TOTAL LENGTH OR AREA (m)					395.95
UNIT WEIGTH (Kg/m)					0.617
WEIGTH (Kg)					244.21
GRAND TOTAL (Kg)					250



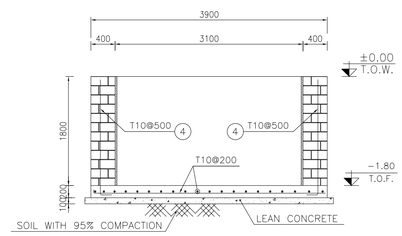
FORMWORK
1:50 (2)



FORMWORK
1:50 (3)



REINFORCEMENT
1:50 (5)



REINFORCEMENT
1:50 (6)

NOTES

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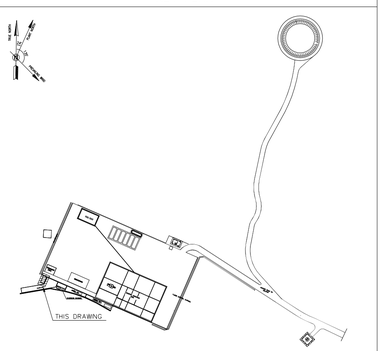
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SLOPE	B.O.P.	BOTTOM OF PIPE
GRAVEL	R.G.L.	ROUGH GRADING LEVEL
	T.O.CH.	TOP OF CHANNEL
	T.O.R	TOP OF ROAD

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STRUCTURAL DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0008

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	** **
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	** **
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	** **
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	** **
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	** **
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	** **

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
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
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

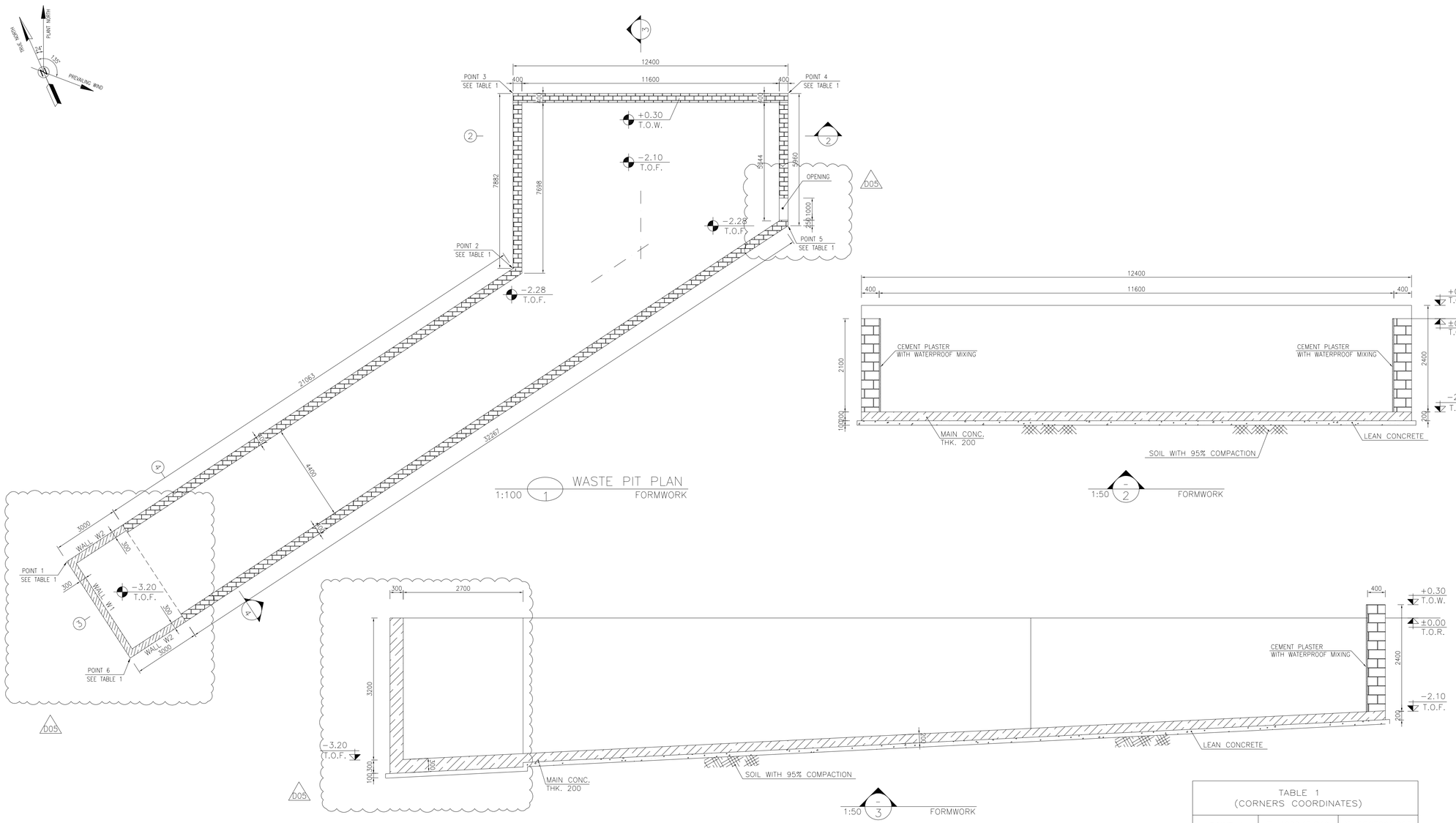
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APPROVED FOR CONSTRUCTION | BY: | DATE:

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-BK14
CUTTING DISPOSAL FORMWORK & REINFORCEMENT PLAN-SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-BK14-PEDCO-110-CV-DW-0001	5 OF 99	D05

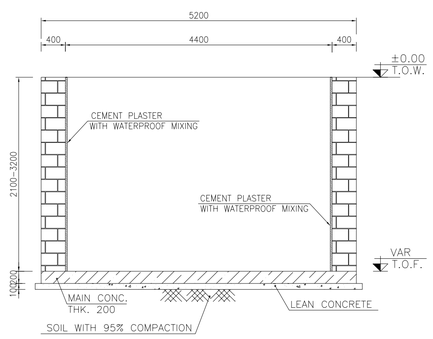
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	5	D05



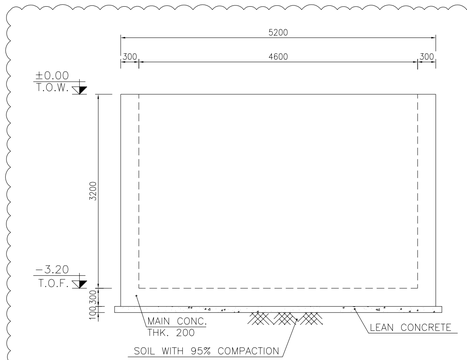
WASTE PIT PLAN
1:100 (1) FORMWORK

1:50 (2) FORMWORK

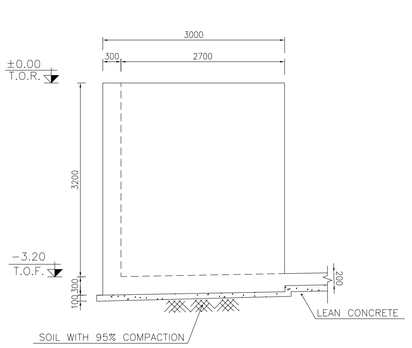
1:50 (3) FORMWORK



1:50 (4) FORMWORK



1:25 (5) WALL W1 FORMWORK



1:25 (6) WALL W2 FORMWORK

TABLE 1 (CORNERS COORDINATES)		
POINT 1	E=437740.247	N=3295001.658
POINT 2	E=437763.979	N=3295005.730
POINT 3	E=437767.129	N=3295012.956
POINT 4	E=437778.495	N=3295008.000
POINT 5	E=437776.113	N=3295002.537
POINT 6	E=437741.126	N=3294996.533

NOTES

1- ALL COORDINATES ARE IN METER.
2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(ON CYLINDRICAL SPECIMEN)
5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(ON CYLINDRICAL SPECIMEN)
6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm^2
7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm3
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
9- JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION
10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
11- 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: MSL
12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.

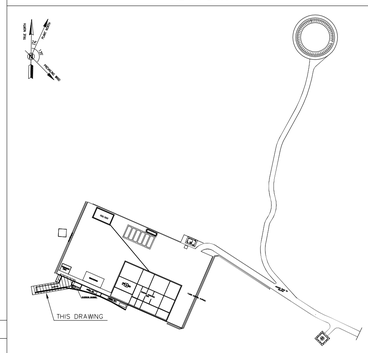
±0.00 = +186.00(R.G.L.)MSL

LEGEND AND ABBREVIATION

REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
LEAN CONCRETE	T.O.W.	TOP OF WALL
CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
GRAVEL	B.O.C	BOTTOM OF CONCRETE
SUB GRADE	T.O.PIT	TOP OF PIT
SLOPE	B.O.P.	BOTTOM OF PIPE
GRAVEL	R.G.L.	ROUGH GRADING LEVEL
	T.O.CH.	TOP OF CHANNEL
	T.O.R	TOP OF ROAD

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
STANDARD DRAWING FOR FENCE & GATE DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0009
GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT - BK14	BK-BK14-PEDCO-110-CV-PY-0001
PLOT PLAN DRAWING - BK14	BK-BK14-PEDCO-110-PI-PY-0001
ROUGH GRADING PLANS - BK14	BK-BK14-PEDCO-110-CV-DW-0003
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
FOUNDATION DRAWING FOR SECURITY BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0002
STRUCTURAL DRAWING FOR SECURITY BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0003
FOUNDATION DRAWING FOR SWICHGEAR BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0004
STRUCTURAL DRAWING FOR SWICHGEAR BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0005
FOUNDATION DRAWING FOR POTABLE WATER TANK FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0006
FOUNDATION DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0007
STRUCTURAL DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0008

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	** **
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	** **
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D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	** **
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	** **
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	** **

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-BK14 WASTE PIT PLAN-SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-BK14-PEDCO-110-CV-DW-0001	6 OF 99	D05

أصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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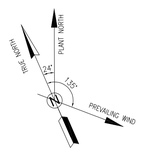
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

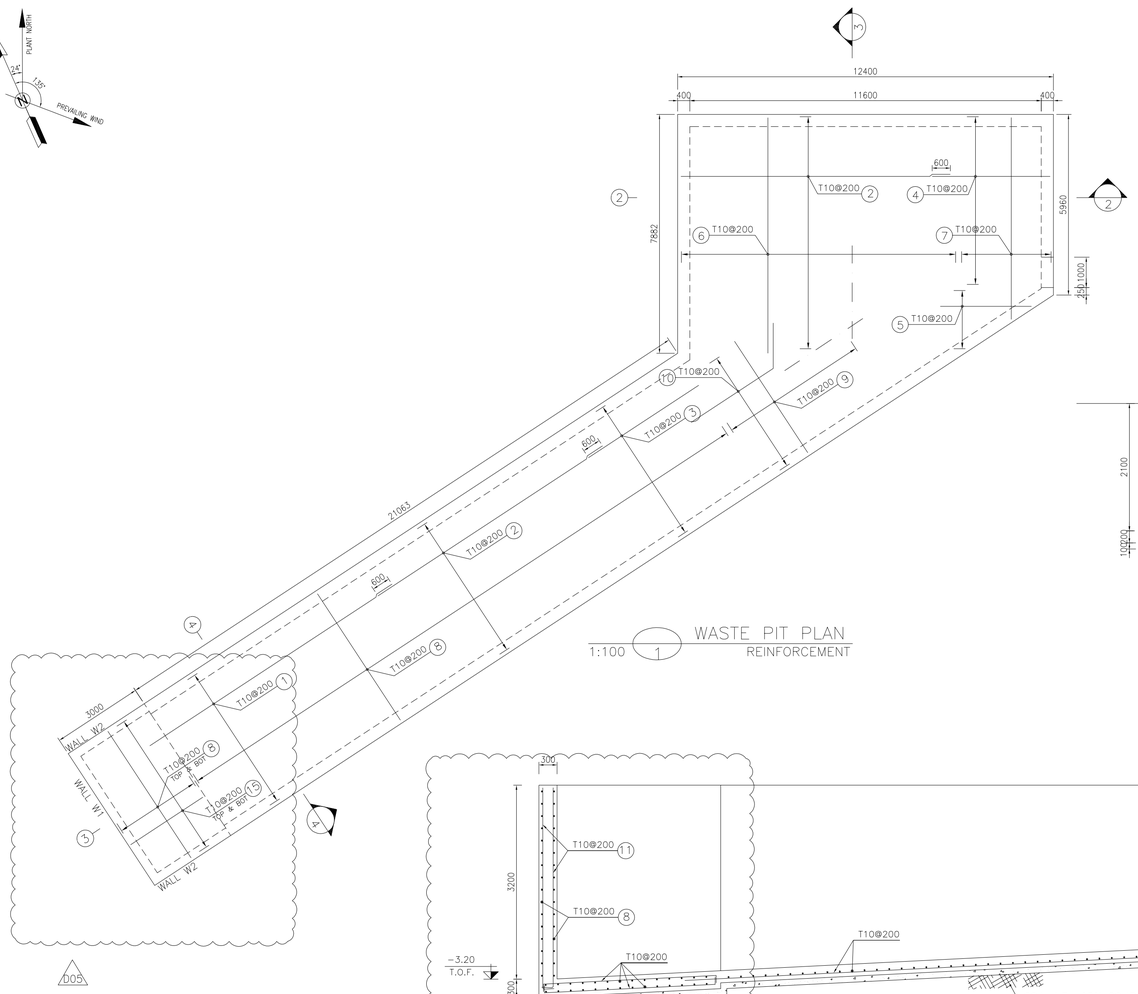
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

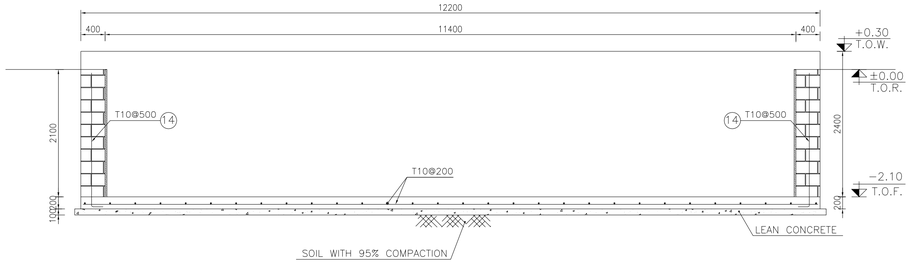
APPROVED FOR CONSTRUCTION | BY: | DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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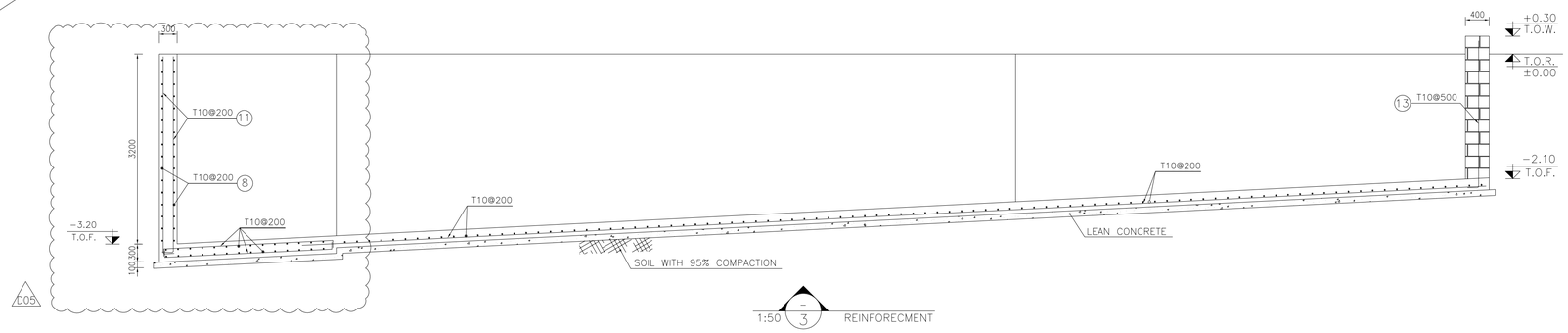




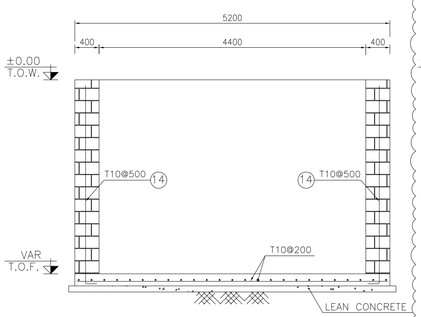
WASTE PIT PLAN
1:100 1 REINFORCEMENT



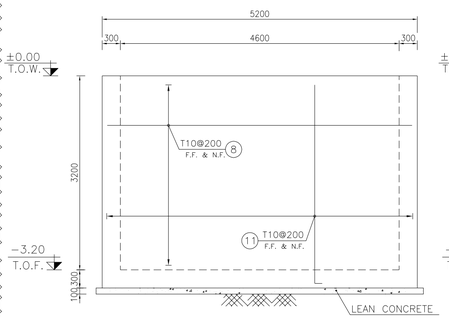
1:50 2 REINFORCEMENT



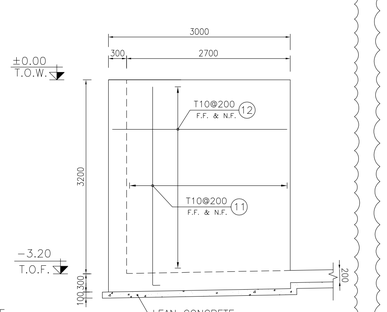
1:50 3 REINFORCEMENT



1:50 4 REINFORCEMENT



WALL W1
1:25 5 REINFORCEMENT



WALL W2
1:25 6 REINFORCEMENT

D05

BAR BENDING SCHEDULE – WASTE PIT

Pos	Spec.	Shape	L/A	No.	T10
1	T10	9600	9.60	27	259.20
2	T10	9000	9.00	67	603.0
3	T10	4000	4.00	27	108.0
4	T10	3850	3.85	30	115.50
5	T10	1300–3700	Var	10	25.0
6	T10	8000	8.00	46	368.0
7	T10	5800–8000	Var	15	103.5
8	T10	5050	5.05	168	848.40
9	T10	2000–5000	Var	25	87.50
10	T10	1500 800–7800	Var	48	278.4
11	T10	150 3350	3.50	104	364.00
12	T10	2850	2.85	100	285.00
13	T10	150 2150	2.40	25	60.0
14	T10	150 2150–3250	Var	160	456.0
15	T10	2850	2.85	54	153.90
TOTAL LENGTH OR AREA (m)					4115.40
UNIT WEIGTH (Kg/m)					0.617
WEIGTH (Kg)					2539.20
GRAND TOTAL (Kg)				≃	2600

NOTES

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8– SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1–5.1 gr/cm³
THICKNESS : 300–400 MICRON
GLOSS : DULL
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SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
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ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
12– ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.

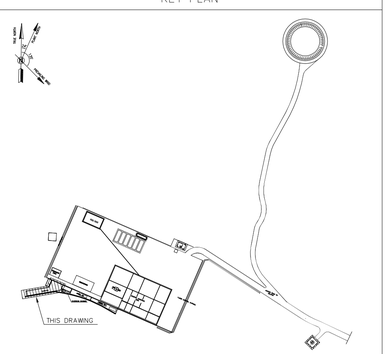
±0.00 = +186.00(R.G.L.)MSL

LEGEND AND ABBREVIATION

REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
LEAN CONCRETE	T.O.W.	TOP OF WALL
CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
GRAVEL	B.O.C	BOTTOM OF CONCRETE
SUB GRADE	T.O.PIT	TOP OF PIT
SLOPE	B.O.P.	BOTTOM OF PIPE
GRAVEL	R.G.L.	ROUGH GRADING LEVEL
	T.O.CH.	TOP OF CHANNEL
	T.O.R	TOP OF ROAD

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK–GNRAL–PEDCO–000–CV–SP–0003
STANDARD DRAWING FOR FENCE & GATE DETAILS	BK–GNRAL–PEDCO–000–CV–DW–0009
GENERAL NOTES – STEEL STRUCTURES	BK–GNRAL–PEDCO–000–ST–DW–0011
GENERAL NOTES – REINFORCED CONCRETE STRUCTURES	BK–GNRAL–PEDCO–000–ST–DW–0012
GENERAL CIVIL LAYOUT – BK14	BK–BK14–PEDCO–110–CV–PY–0001
PLOT PLAN DRAWING – BK14	BK–BK14–PEDCO–110–PI–PY–0001
ROUGH GRADING PLANS – BK14	BK–BK14–PEDCO–110–CV–DW–0003
STANDARD DRAWING FOR CULVERT & DETAILS	BK–GNRAL–PEDCO–000–CV–DW–0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK–GNRAL–PEDCO–000–CV–DW–0040
SPECIFICATION FOR EARTH WORK	BK–GNRAL–PEDCO–000–CV–SP–0004
FOUNDATION DRAWING FOR SECURITY BUILDING FOR WELL PADS–BK–14	BK–BK14–PEDCO–110–ST–DW–0002
STRUCTURAL DRAWING FOR SECURITY BUILDING FOR WELL PADS–BK–14	BK–BK14–PEDCO–110–ST–DW–0003
FOUNDATION DRAWING FOR SWICHGEAR BUILDING FOR WELL PADS–BK–14	BK–BK14–PEDCO–110–ST–DW–0004
STRUCTURAL DRAWING FOR SWICHGEAR BUILDING FOR WELL PADS–BK–14	BK–BK14–PEDCO–110–ST–DW–0005
FOUNDATION DRAWING FOR POTABLE WATER TANK FOR WELL PADS–BK–14	BK–BK14–PEDCO–110–ST–DW–0006
FOUNDATION DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS–BK–14	BK–BK14–PEDCO–110–ST–DW–0007
STRUCTURAL DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS–BK–14	BK–BK14–PEDCO–110–ST–DW–0008

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.F.AKHARIAN	A.M.MOHSENI	** **
D04	JUN.2023	IFA	R.BERLOUEI	M.F.AKHARIAN	A.M.MOHSENI	** **
D03	MAY.2023	IFA	R.BERLOUEI	M.F.AKHARIAN	A.M.MOHSENI	** **
D02	MAR.2023	IFA	R.BERLOUEI	M.F.AKHARIAN	M.MEHRSHAD	** **
D01	NOV.2022	IFA	R.BERLOUEI	M.F.AKHARIAN	M.MEHRSHAD	** **
D00	OCT.2022	IFC	R.BERLOUEI	M.F.AKHARIAN	M.MEHRSHAD	** **

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB–SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY – PEDCO

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS–BK14 REINFORCEMENT PLAN

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK–BK14–PEDCO–110–CV–DW–0001	7 OF 99	D05

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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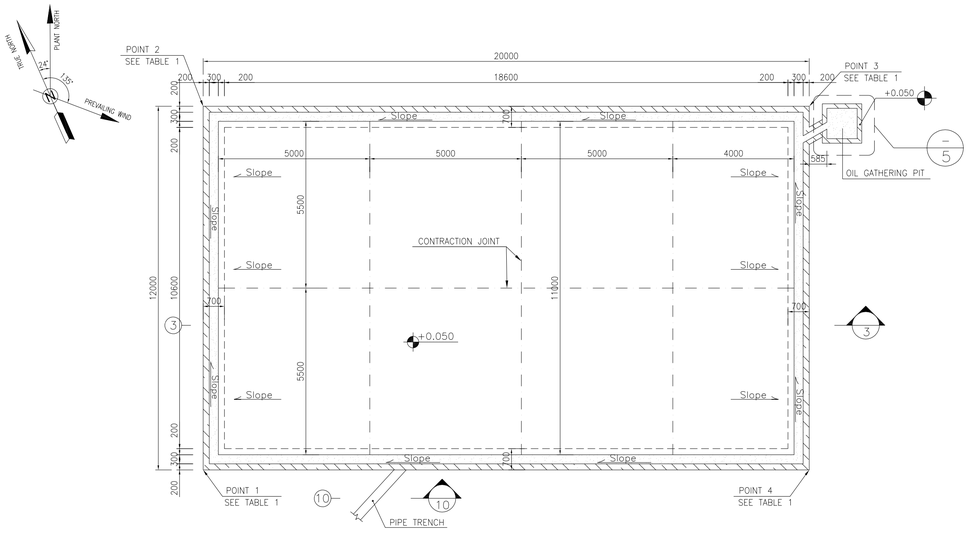
BINAK OILFIELD DEVELOPMENT
SUB–SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

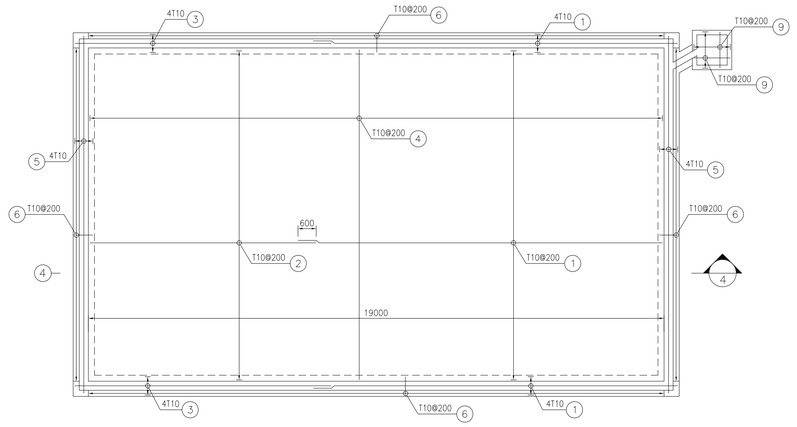
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APPROVED FOR CONSTRUCTION	BY:	DATE:

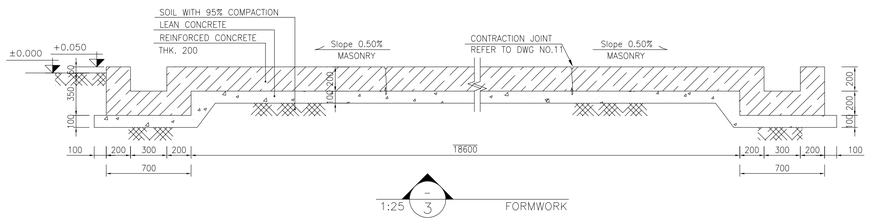
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053–073–9184	F	4	S	708209	7	D05



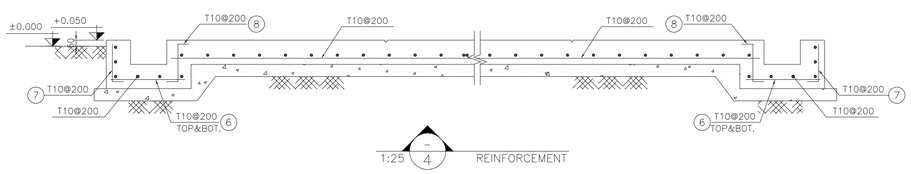
FUEL TANK AREA FOUNDATION
1:100 1
FORMWORK



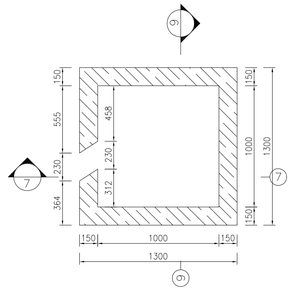
FUEL TANK AREA FOUNDATION
1:100 2
REINFORCEMENT



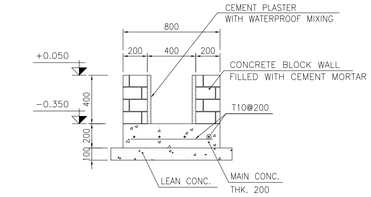
1:25 3 FORMWORK



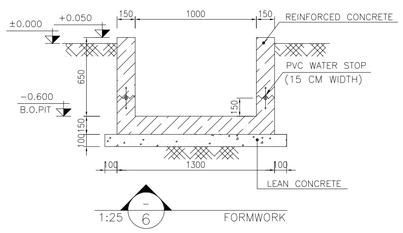
1:25 4 REINFORCEMENT



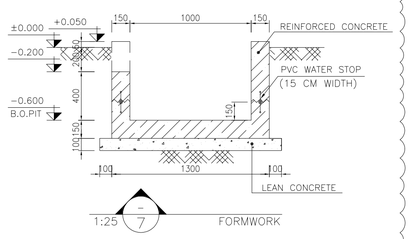
1:25 5 OIL GATHERING PIT



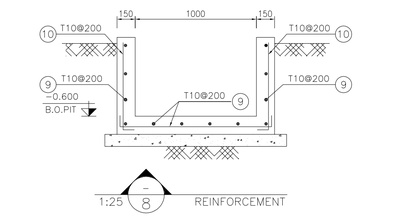
1:25 10 TYPICAL SECTION OF PIPE TRENCH



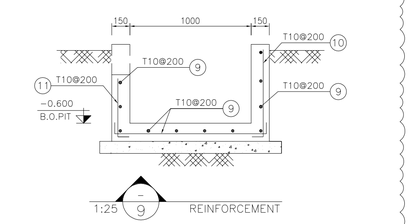
1:25 6 FORMWORK



1:25 7 FORMWORK



1:25 8 REINFORCEMENT



1:25 9 REINFORCEMENT

D05

BAR BENDING SCHEDULE – FUEL TANK					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	12000	12.00	64	768.0
2	T10	7450	7.45	56	417.2
3	T10	8450	8.45	8	67.6
4	T10	10850	10.85	100	1085.0
5	T10	11850	11.85	8	94.8
6	T10	550	0.55	300	165.0
7	T10	150 250	0.40	300	120.0
8	T10	150 250 150	0.55	300	165.0
9	T10	150 1150 150	1.45	23	33.35
10	T10	150 650	0.80	34	27.20
11	T10	150 400	0.55	14	7.70
TOTAL LENGTH OR AREA (m)					2950.85
UNIT WEIGTH (Kg/m)					0.617
WEIGTH (Kg)					1820.67
GRAND TOTAL (Kg)					1830

D05

TABLE 1 (CORNERS COORDINATES)		
POINT 1	E=437798.09	N=3295073.04
POINT 2	E=437802.89	N=3295084.04
POINT 3	E=437821.22	N=3295076.05
POINT 4	E=437816.43	N=3295065.05

** SHOULD BE USED THE EMULSION ON CONCRETE EXPOSED WITH SOIL.
B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS. THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640

NOTES

1- ALL COORDINATES ARE IN METER.
2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(ON CYLINDRICAL SPECIMEN)
5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(ON CYLINDRICAL SPECIMEN)
6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm^2
7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm³
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
9- JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION
10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
11- 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: MSL
12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.

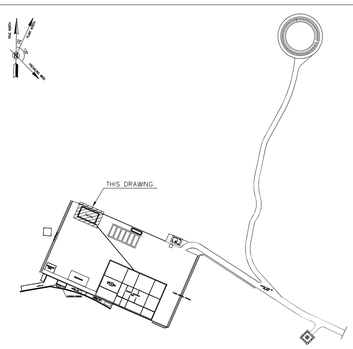
±0.00 = +186.00(R.G.L.)MSL

LEGEND AND ABBREVIATION

REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
LEAN CONCRETE	T.O.W.	TOP OF WALL
CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
GRAVEL	B.O.C	BOTTOM OF CONCRETE
SUB GRADE	T.O.PIT	TOP OF PIT
SLOPE	B.O.P.	BOTTOM OF PIPE
GRAVEL	R.G.L.	ROUGH GRADING LEVEL
	T.O.CH.	TOP OF CHANNEL
	T.O.R	TOP OF ROAD

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
STANDARD DRAWING FOR FENCE & GATE DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0009
GENERAL NOTES – STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES – REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT – BK14	BK-BK14-PEDCO-110-CV-PY-0001
PLOT PLAN DRAWING – BK14	BK-BK14-PEDCO-110-PI-PY-0001
ROUGH GRADING PLANS – BK14	BK-BK14-PEDCO-110-CV-DW-0003
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
FOUNDATION DRAWING FOR SECURITY BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0002
STRUCTURAL DRAWING FOR SECURITY BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0003
FOUNDATION DRAWING FOR SWICHGEAR BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0004
STRUCTURAL DRAWING FOR SWICHGEAR BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0005
FOUNDATION DRAWING FOR POTABLE WATER TANK FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0006
FOUNDATION DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0007
STRUCTURAL DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0008

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	** **
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	** **
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	** **
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	** **
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	** **
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	** **

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PEDCO PETROIRAN DEVELOPMENT COMPANY

أصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

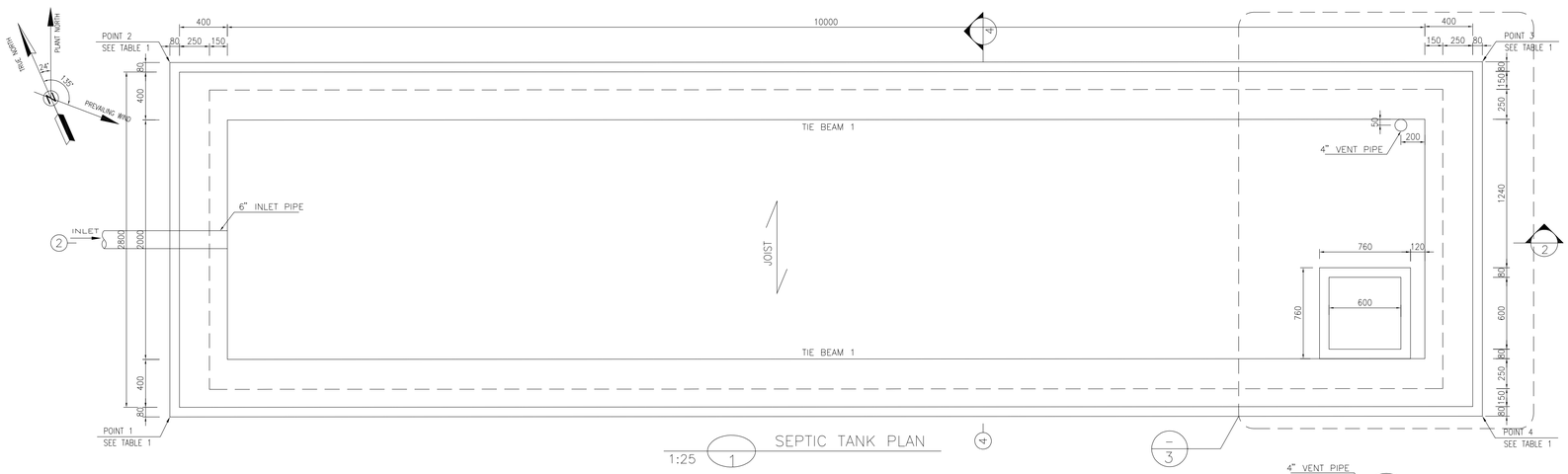
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-BK14
FUEL TANK FOUNDATION FORMWORK & REINFORCEMENT PLAN-SECTION

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE:

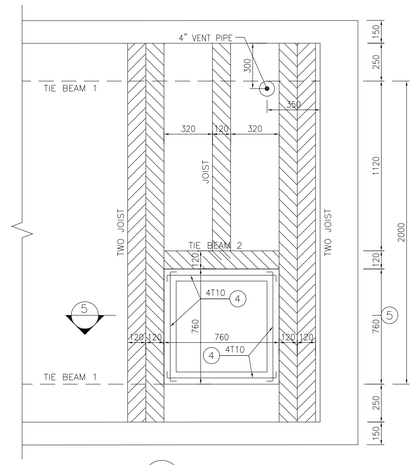
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-BK14-PEDCO-110-CV-DW-0001	8 OF 99	D05

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	8	D05

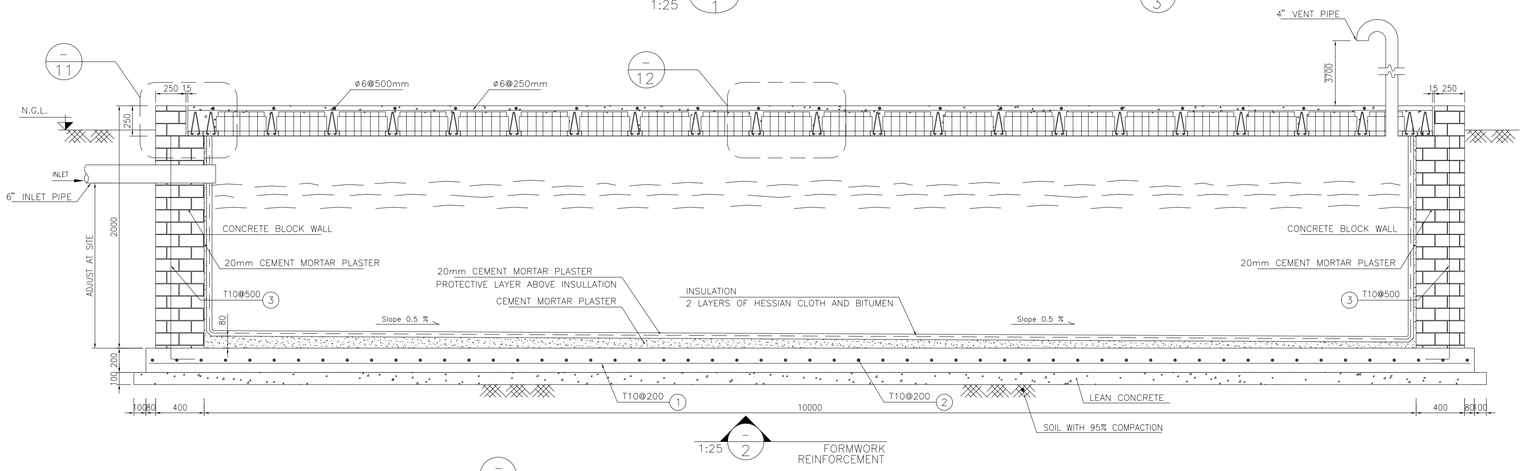


SEPTIC TANK PLAN

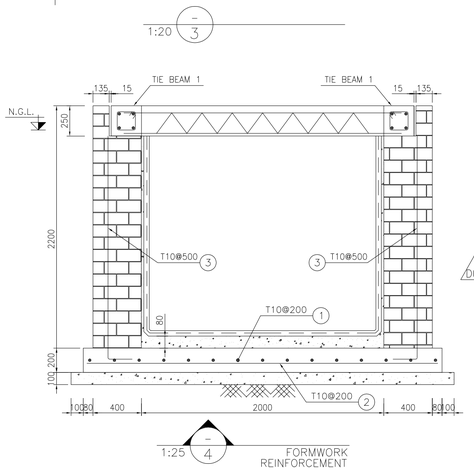
1:25 — 1



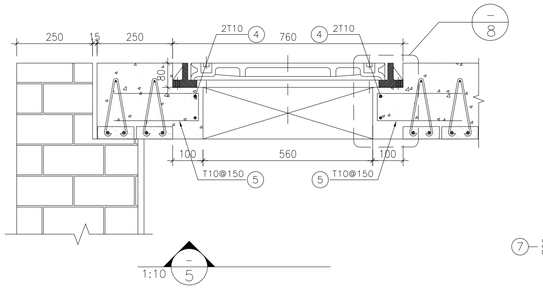
1:20 — 3



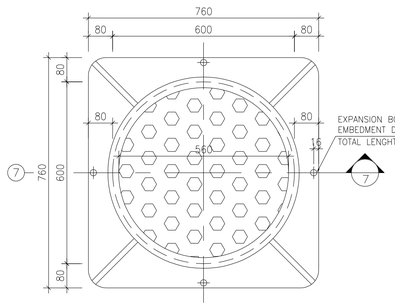
1:25 — 2 — FORMWORK REINFORCEMENT



1:25 — 4 — FORMWORK REINFORCEMENT

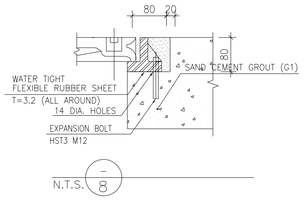


1:10 — 5

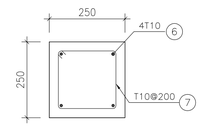


DUCTILE IRON DETAIL

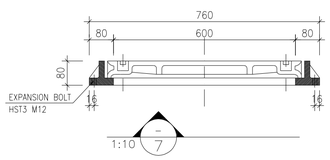
1:10 — 6 — HEAVY DUTY DUCTILE IRON COATED FLAT COVERS AND FRAMES



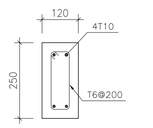
N.T.S. — 8



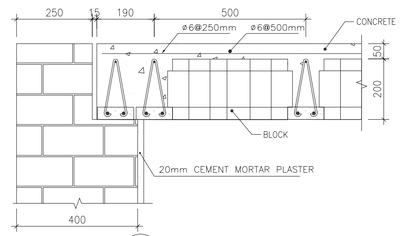
1:10 — 9 — TIE BEAM 1



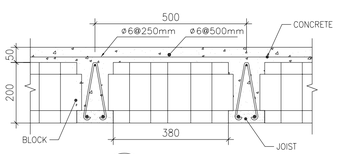
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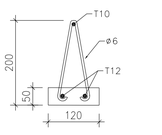
1:10 — 10 — TIE BEAM 2



1:10 — 11

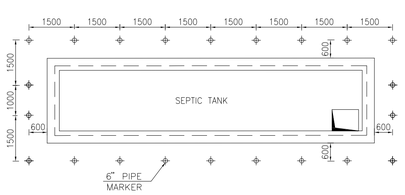


1:10 — 12



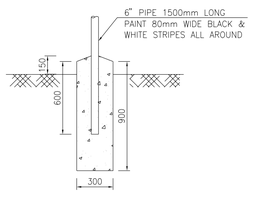
JOIST DETAIL

1:10 — 13



ARRANGMENT OF MARKERS

1:100 — 14



DETAIL OF MARKERS

1:25 — 15

NOTES

1- ALL COORDINATES ARE IN METER.
2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(ON CYLINDRICAL SPECIMEN)
5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(ON CYLINDRICAL SPECIMEN)
6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm^2
7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR,
BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm3
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
9- JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION
10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
11- 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:	MSL

12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.

±0.00 = +186.00(R.G.L.)MSL

LEGEND AND ABBREVIATION

	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
	GRAVEL	B.O.C	BOTTOM OF CONCRETE
	SUB GRADE	T.O.PIT	TOP OF PIT
	SLOPE	B.O.P.	BOTTOM OF PIPE
	GRAVEL	R.G.L.	ROUGH GRADING LEVEL
		T.O.CH.	TOP OF CHANNEL
		T.O.R	TOP OF ROAD

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
STANDARD DRAWING FOR FENCE & GATE DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0009
GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT - BK14	BK-BK14-PEDCO-110-CV-PY-0001
PLOT PLAN DRAWING - BK14	BK-BK14-PEDCO-110-PI-PY-0001
ROUGH GRADING PLANS - BK14	BK-BK14-PEDCO-110-CV-DW-0003
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
FOUNDATION DRAWING FOR SECURITY BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0002
STRUCTURAL DRAWING FOR SECURITY BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0003
FOUNDATION DRAWING FOR SWICHGEAR BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0004
STRUCTURAL DRAWING FOR SWICHGEAR BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0005
FOUNDATION DRAWING FOR POTABLE WATER TANK FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0006
FOUNDATION DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0007
STRUCTURAL DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0008

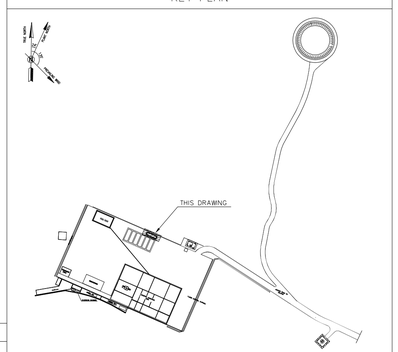
BAR BENDING SCHEDULE - SEPTIC TANK

Pos	Spec.	Shape	L/A	No.	T10
1	T10	10800	10.80	15	162.0
2	T10	2800	2.80	55	154.0
3	T10	150 1850	2.00	52	104.0
4	T10	150 600 150	0.90	8	7.20
5	T10	90 280 280	0.65	20	13.0
6	T10	10200	10.20	8	81.60
7	T10	150 150 100	0.80	100	80.0
TOTAL LENGTH OR AREA (m/m2)					601.80
UNIT WEIGTH (Kg)					0.617
WEIGTH (Kg)					371.32
GRAND TOTAL (Kg)					380

TABLE 1 (CORNERS COORDINATES)

POINT 1	E=437853.685	N=3295058.601
POINT 2	E=437854.867	N=3295061.315
POINT 3	E=437864.915	N=3295056.939
POINT 4	E=437863.734	N=3295054.225

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.F.AKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.F.AKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.F.AKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.F.AKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.F.AKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.F.AKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020
EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): 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
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

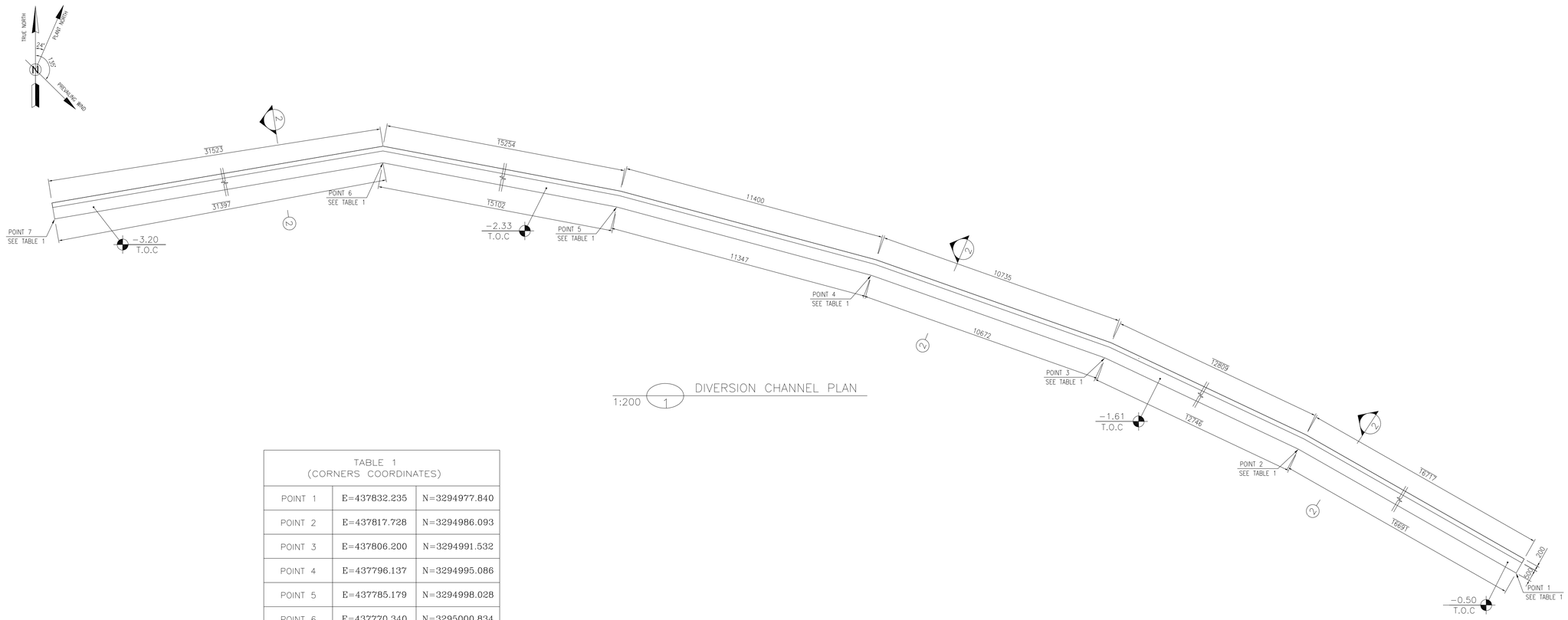
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-BK14
SEPTIC TANK FORMWORK & REINFORCEMENT PLAN-SECTION

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION | BY: | DATE:

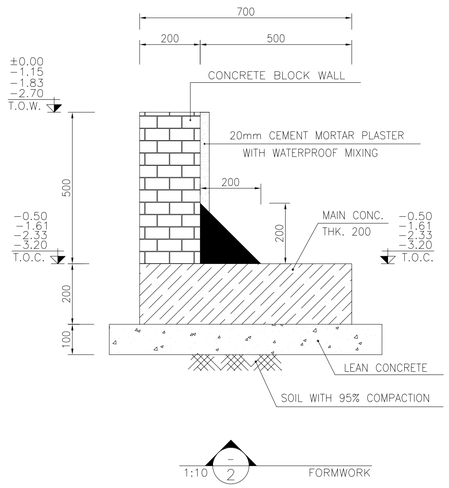
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-BK14-PEDCO-110-CV-DW-0001	9 OF 99	D05

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	9	D05

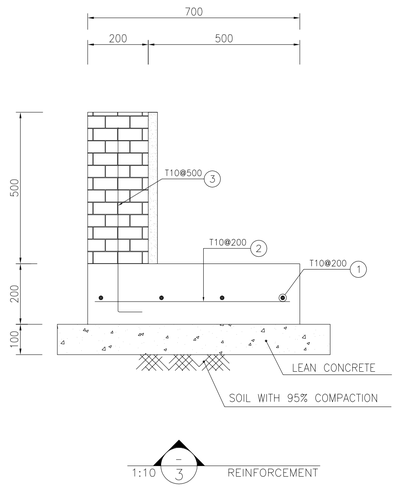


1:200 (1) DIVERSION CHANNEL PLAN

TABLE 1 (CORNERS COORDINATES)		
POINT 1	E=437832.235	N=3294977.840
POINT 2	E=437817.728	N=3294986.093
POINT 3	E=437806.200	N=3294991.532
POINT 4	E=437796.137	N=3294995.086
POINT 5	E=437785.179	N=3294998.028
POINT 6	E=437770.340	N=3295000.834
POINT 7	E=437739.394	N=3294995.532



1:10 (2) FORMWORK



1:10 (3) REINFORCEMENT

BAR BENDING SCHEDULE – DIVERSION CHANNEL					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	1200	12.00	36	435.00
2	T10	550	0.55	500	275.00
3	T10	150 550	0.70	200	140.00
TOTAL LENGTH OR AREA (m/m2)					850.00
UNIT WEIGHT (Kg)					0.617
WEIGHT (Kg)					524.45
GRAND TOTAL (Kg)					530

NOTES

1- ALL COORDINATES ARE IN METER.

2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.

3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.

4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(ON CYLINDRICAL SPECIMEN)

5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(ON CYLINDRICAL SPECIMEN)

6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm^2

7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.

8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm3
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2

9- JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION

10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.

11- 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: MSL

12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.

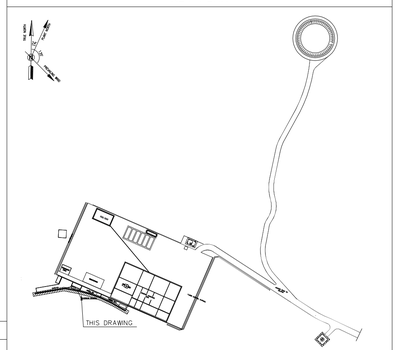
±0.00 = +186.00(R.G.L.)MSL

LEGEND AND ABBREVIATION

REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
LEAN CONCRETE	T.O.W.	TOP OF WALL
CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
GRAVEL	B.O.C	BOTTOM OF CONCRETE
SUB GRADE	T.O.PIT	TOP OF PIT
SLOPE	B.O.P.	BOTTOM OF PIPE
GRAVEL	R.G.L.	ROUGH GRADING LEVEL
	T.O.CH.	TOP OF CHANNEL
	T.O.R	TOP OF ROAD

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
STANDARD DRAWING FOR FENCE & GATE DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0009
GENERAL NOTES – STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES – REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT – BK14	BK-BK14-PEDCO-110-CV-PY-0001
PLOT PLAN DRAWING – BK14	BK-BK14-PEDCO-110-PI-PY-0001
ROUGH GRADING PLANS – BK14	BK-BK14-PEDCO-110-CV-DW-0003
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
FOUNDATION DRAWING FOR SECURITY BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0002
STRUCTURAL DRAWING FOR SECURITY BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0003
FOUNDATION DRAWING FOR SWICHGEAR BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0004
STRUCTURAL DRAWING FOR SWICHGEAR BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0005
FOUNDATION DRAWING FOR POTABLE WATER TANK FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0006
FOUNDATION DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0007
STRUCTURAL DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0008

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-BK14
MUD PIT CHANNEL FORMWORK & REINFORCEMENT PLAN-SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-BK14-PEDCO-110-CV-DW-0001	10 OF 99	D05

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

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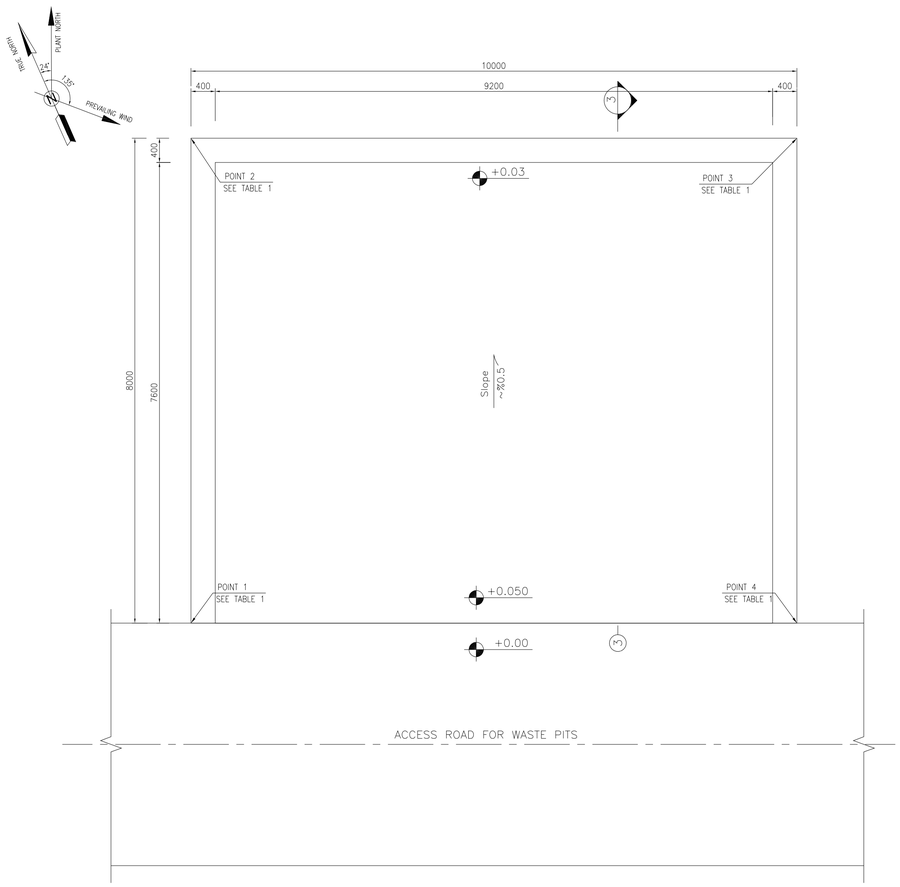
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

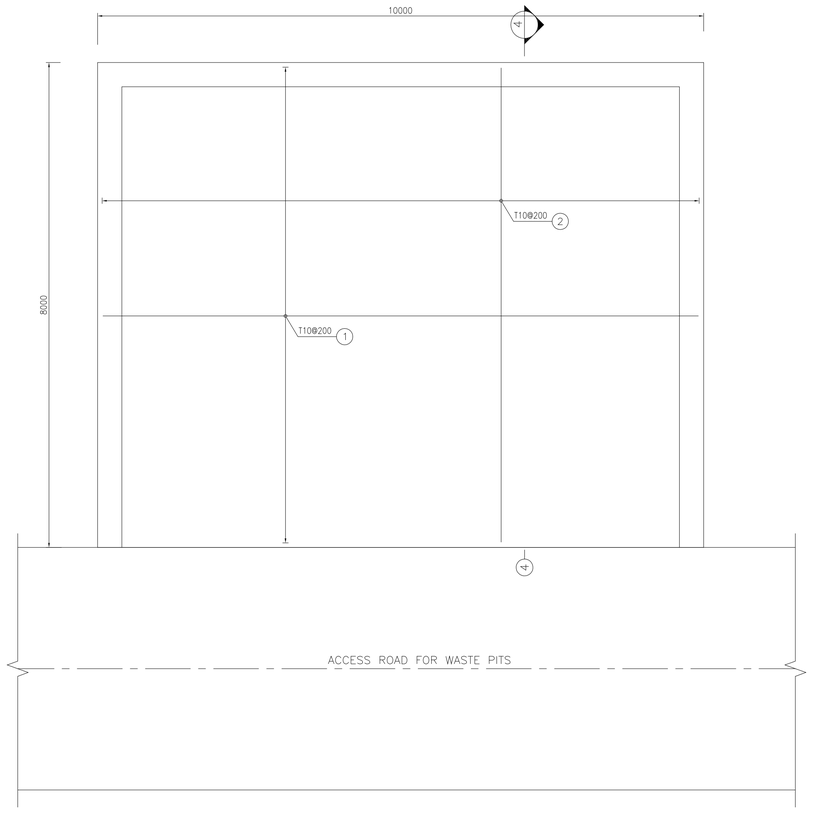
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APPROVED FOR CONSTRUCTION | BY: | DATE:

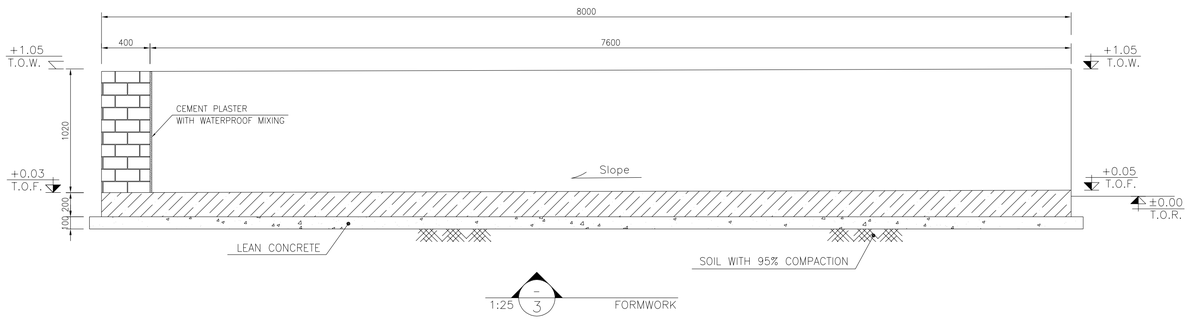
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	10	D05



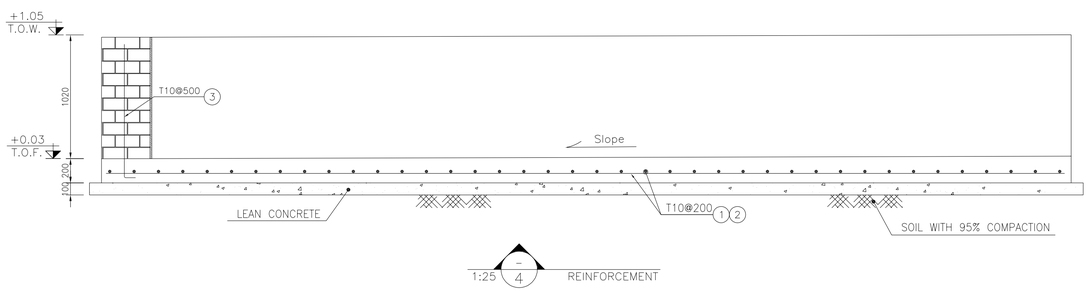
1:50 (1) TREATMENT PAD PLAN FORMWORK



1:100 (2) TREATMENT PAD PLAN REINFORCEMENT



1:25 (3) FORMWORK



1:25 (4) REINFORCEMENT

BAR BENDING SCHEDULE – TREATMENT PAD					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	9850	9.85	50	492.50
2	T10	7850	7.85	40	314.00
3	T10	150 1050	1.20	50	60.00
TOTAL LENGTH OR AREA (m)					866.50
UNIT WEIGTH (Kg/m)					0.617
WEIGTH (Kg)					534.64
GRAND TOTAL (Kg)					540

TABLE 1 (CORNERS COORDINATES)		
POINT 1	E=437764.558	N=3295018.876
POINT 2	E=437767.755	N=3295026.209
POINT 3	E=437776.921	N=3295022.213
POINT 4	E=437773.724	N=3295014.880

NOTES

1- ALL COORDINATES ARE IN METER.
2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(ON CYLINDRICAL SPECIMEN)
5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(ON CYLINDRICAL SPECIMEN)
6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm^2
7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm³
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
9- JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION
10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
11- 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: MSL
12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.

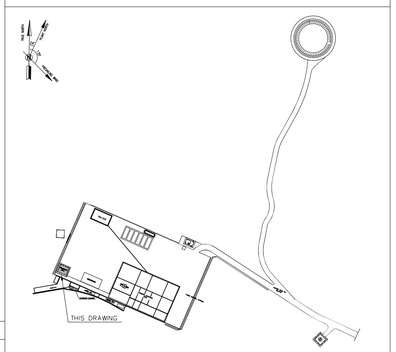
±0.00 = +186.00(R.G.L.)MSL

LEGEND AND ABBREVIATION

REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
LEAN CONCRETE	T.O.W.	TOP OF WALL
	T.O.C.	TOP OF CONCRETE
CEMENT BLOCK WALL	B.O.C	BOTTOM OF CONCRETE
GRAVEL	T.O.PIT	TOP OF PIT
SUB GRADE	B.O.P.	BOTTOM OF PIPE
SLOPE	R.G.L.	ROUGH GRADING LEVEL
GRAVEL	T.O.CH.	TOP OF CHANNEL
	T.O.R	TOP OF ROAD

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
STANDARD DRAWING FOR FENCE & GATE DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0009
GENERAL NOTES – STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES – REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT – BK14	BK-BK14-PEDCO-110-CV-PY-0001
PLOT PLAN DRAWING – BK14	BK-BK14-PEDCO-110-PI-PY-0001
ROUGH GRADING PLANS – BK14	BK-BK14-PEDCO-110-CV-DW-0003
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
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FOUNDATION DRAWING FOR SWICHGEAR BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0004
STRUCTURAL DRAWING FOR SWICHGEAR BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0005
FOUNDATION DRAWING FOR POTABLE WATER TANK FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0006
FOUNDATION DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0007
STRUCTURAL DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0008

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
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
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

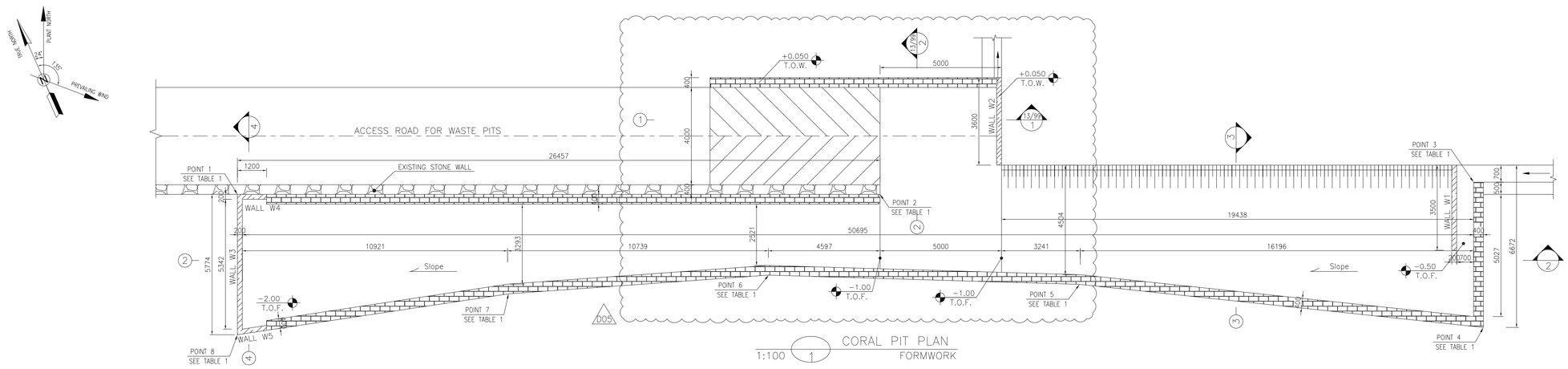
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

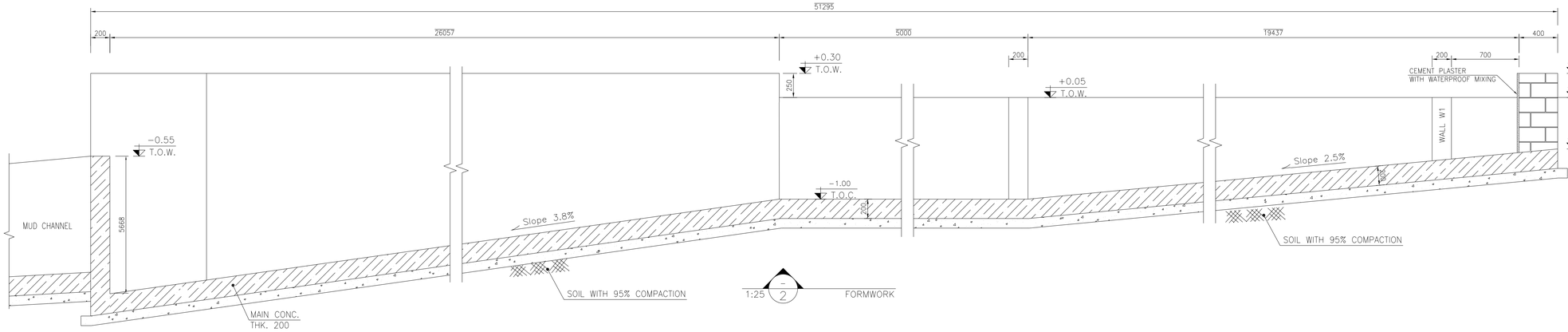
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APPROVED FOR CONSTRUCTION | BY: | DATE:

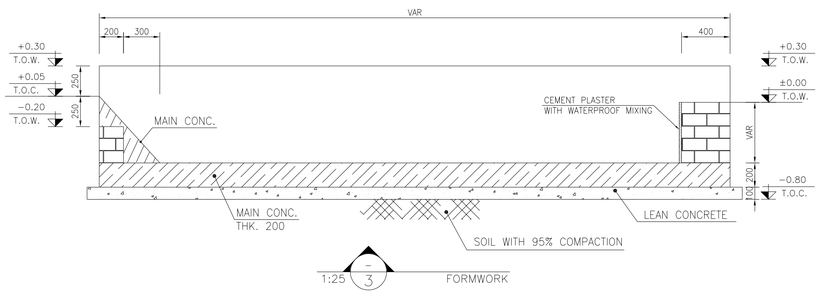
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-BK14
TREATMENT PAD FORMWORK – DETAIL & SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-BK14-PEDCO-110-CV-DW-0001	11 OF 99	D05

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	11	D05







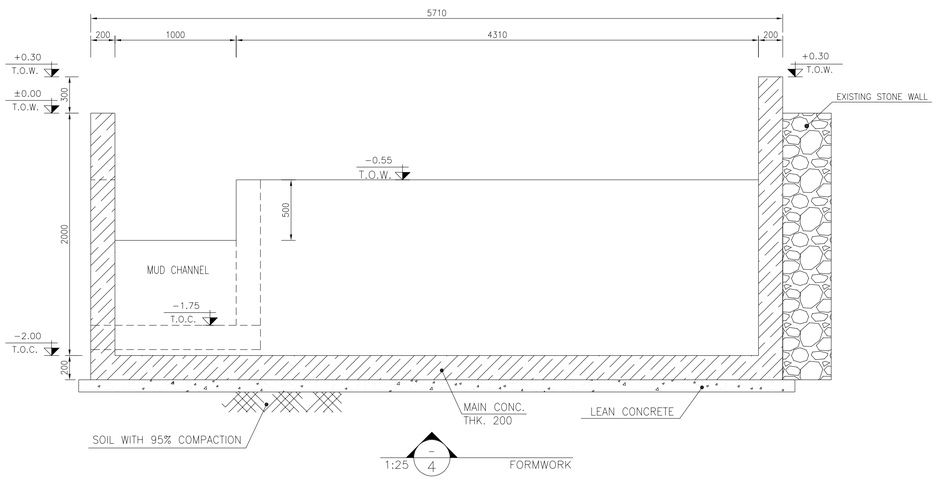


TABLE 1 (CORNERS COORDINATES)		
POINT 1	E=437787.661	N=3295004.003
POINT 2	E=437812.004	N=3294993.390
POINT 3	E=437834.588	N=3294983.544
POINT 4	E=437832.672	N=3294978.399
POINT 5	E=437818.054	N=3294986.714
POINT 6	E=437806.470	N=3294992.179
POINT 7	E=437796.348	N=3294995.753
POINT 8	E=437785.353	N=3294998.705

NOTES

1- ALL COORDINATES ARE IN METER.
2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(ON CYLINDRICAL SPECIMEN)
5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(ON CYLINDRICAL SPECIMEN)
6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm^2
7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm3
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
9- JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION
10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
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ELLIPSOID :	WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION:	UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM:	MSL

12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.

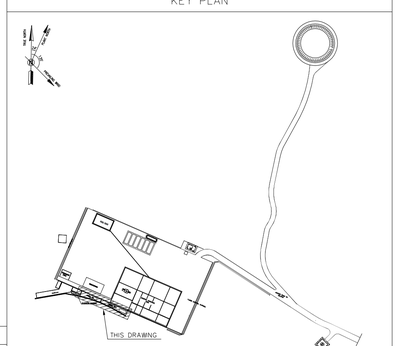
±0.00 = +186.00(R.G.L.)MSL

LEGEND AND ABBREVIATION

	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
		T.O.C.	TOP OF CONCRETE
	CEMENT BLOCK WALL	B.O.C	BOTTOM OF CONCRETE
	GRAVEL	T.O.PIT	TOP OF PIT
	SUB GRADE	B.O.P.	BOTTOM OF PIPE
	SLOPE	R.G.L.	ROUGH GRADING LEVEL
	GRAVEL	T.O.CH.	TOP OF CHANNEL
		T.O.R	TOP OF ROAD

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
STANDARD DRAWING FOR FENCE & GATE DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0009
GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT - BK14	BK-BK14-PEDCO-110-CV-PY-0001
PLOT PLAN DRAWING - BK14	BK-BK14-PEDCO-110-PI-PY-0001
ROUGH GRADING PLANS - BK14	BK-BK14-PEDCO-110-CV-DW-0003
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
FOUNDATION DRAWING FOR SECURITY BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0002
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FOUNDATION DRAWING FOR SWICHGEAR BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0004
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KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PEDCO PETROIRAN DEVELOPMENT COMPANY

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-BK14
CORAL PIT FORMWORK - DETAIL & SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-BK14-PEDCO-110-CV-DW-0001	12 OF 99	D05

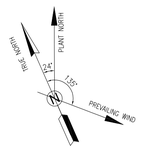
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THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C. / FIELDS

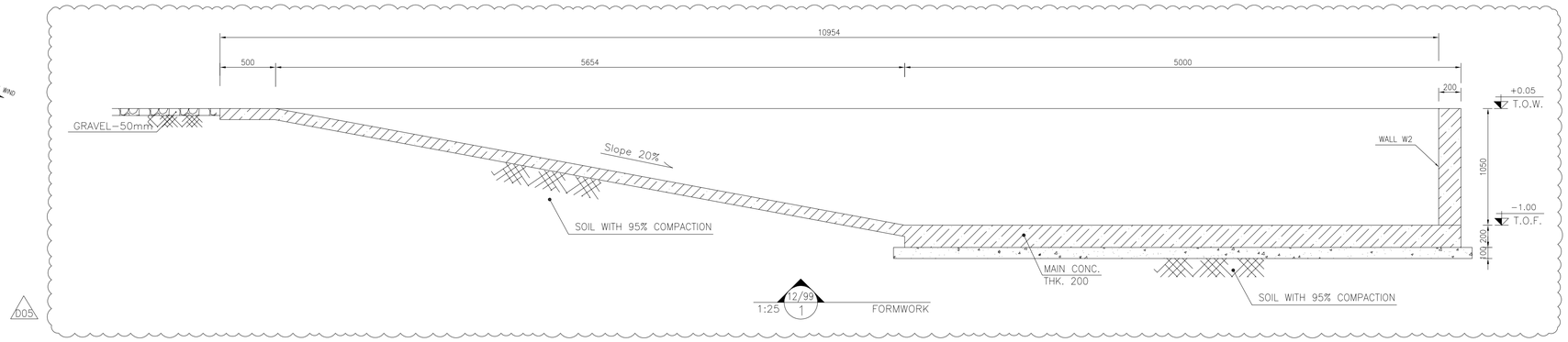
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

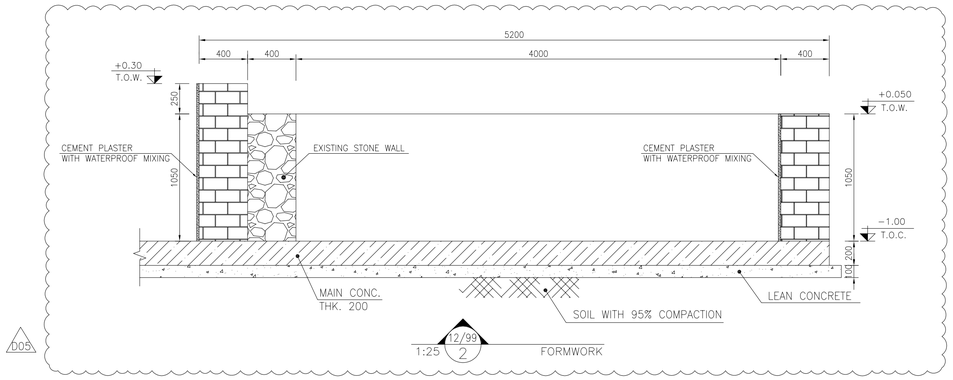
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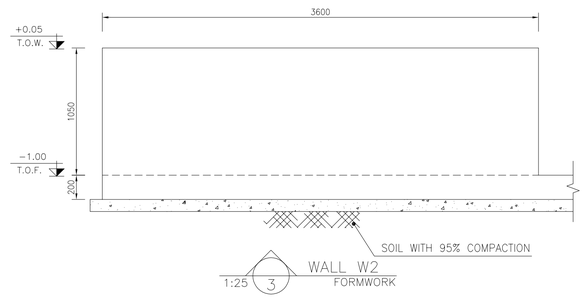
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APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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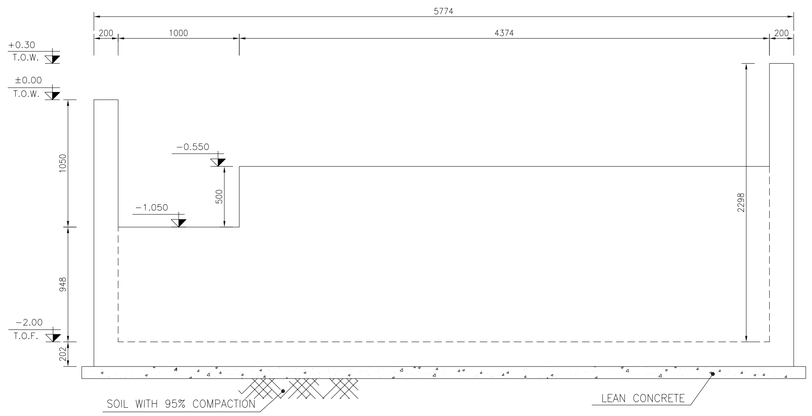


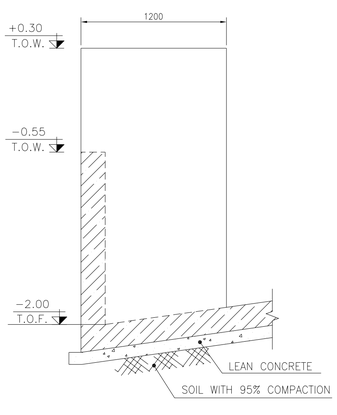


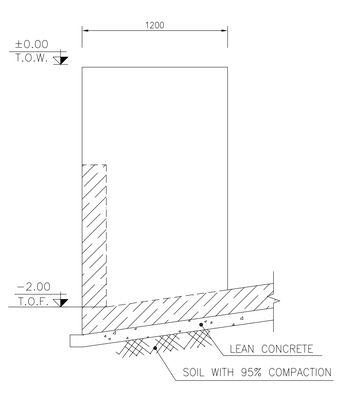


BAR BENDING SCHEDULE – FUEL TANK					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	12000	12.00	72	864.0
2	T10	9500	9.50	24	228.0
3	T10	4600	4.60	24	14.40
4	T10	3000–12000	Var	20	150.00
5	T10	150 8250	8.40	26	218.40
6	T10	4900	4.90	42	205.80
7	T10	3500	3.50	6	21.00
8	T10	150 1100	1.25	18	22.50
9	T10	5600	5.60	6	33.60
10	T10	4400	4.40	3	13.20
11	T10	150 1500	1.65	22	36.30
12	T10	150 1100	1.25	6	7.50
13	T10	150 2200	2.35	6	14.10
14	T10	150 1900	2.05	6	12.30
15	T10	1100	1.10	21	23.10
TOTAL LENGTH OR AREA (m)					1864.20
UNIT WEIGTH (Kg/m)					0.617
WEIGTH (Kg)					1150.22
GRAND TOTAL (Kg)					1160

D05







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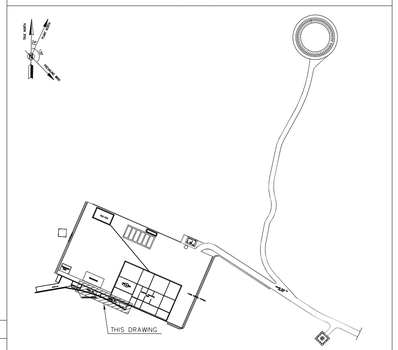
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KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	** **
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	** **
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REV.	DESCRIPTION	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE
***	**********	** **	***.****	** **	***.****

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

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
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

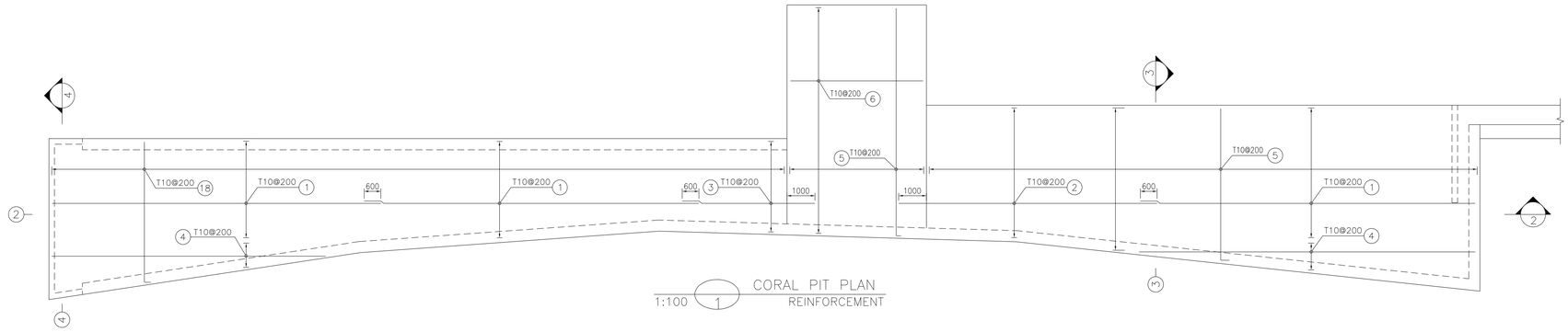
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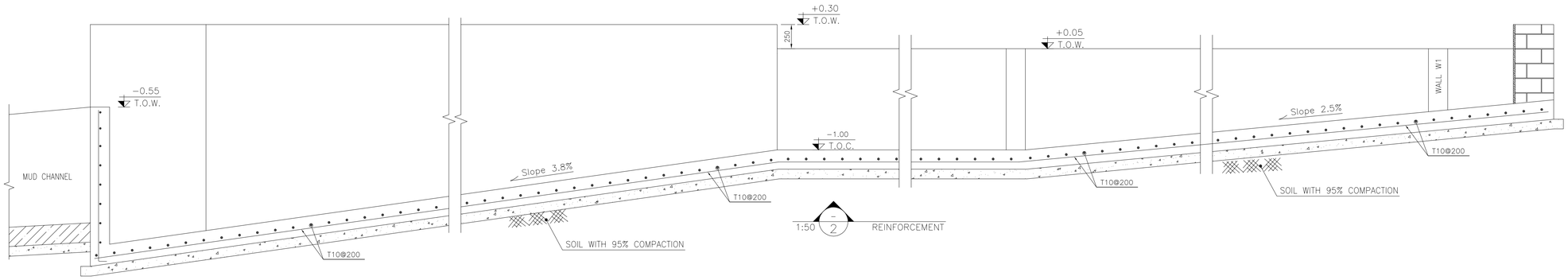
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SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-BK14-PEDCO-110-CV-DW-0001	13 OF 99	D05

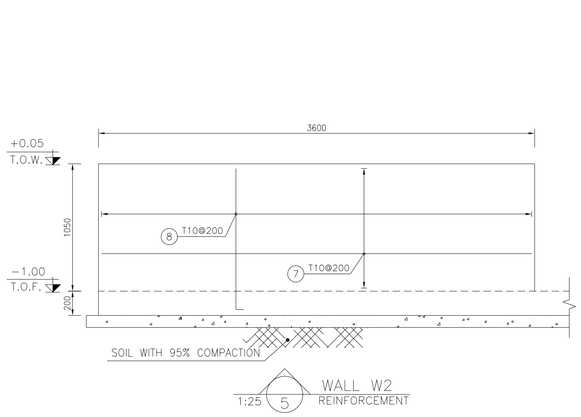
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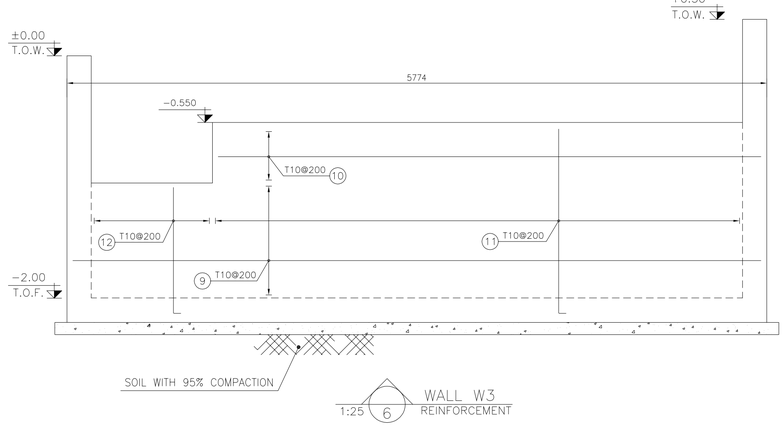
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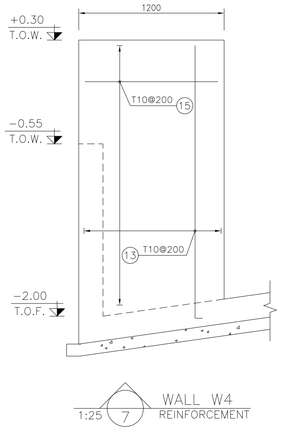
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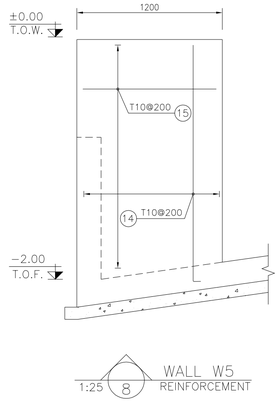
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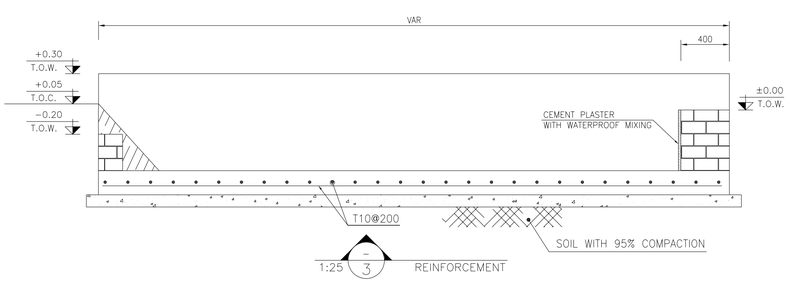
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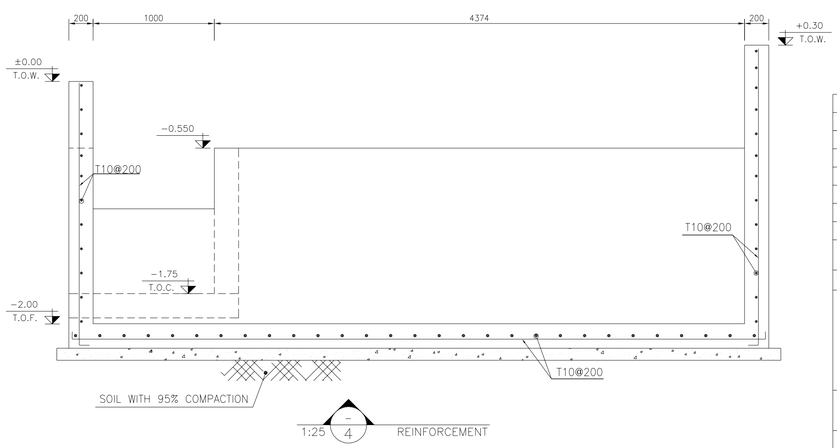
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1:25 WALL W5 REINFORCEMENT



1:25 REINFORCEMENT



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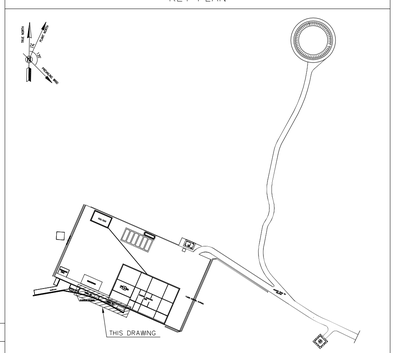
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PLOT PLAN DRAWING - BK14	BK-BK14-PEDCO-110-PI-PY-0001
ROUGH GRADING PLANS - BK14	BK-BK14-PEDCO-110-CV-DW-0003
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
FOUNDATION DRAWING FOR SECURITY BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0002
STRUCTURAL DRAWING FOR SECURITY BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0003
FOUNDATION DRAWING FOR SWICHGEAR BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0004
STRUCTURAL DRAWING FOR SWICHGEAR BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0005
FOUNDATION DRAWING FOR POTABLE WATER TANK FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0006
FOUNDATION DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0007
STRUCTURAL DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0008

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-BK14 SECTION REINFORCEMENT PLAN

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-BK14-PEDCO-110-CV-DW-0001	14 OF 99	D05

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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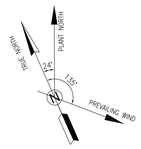
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

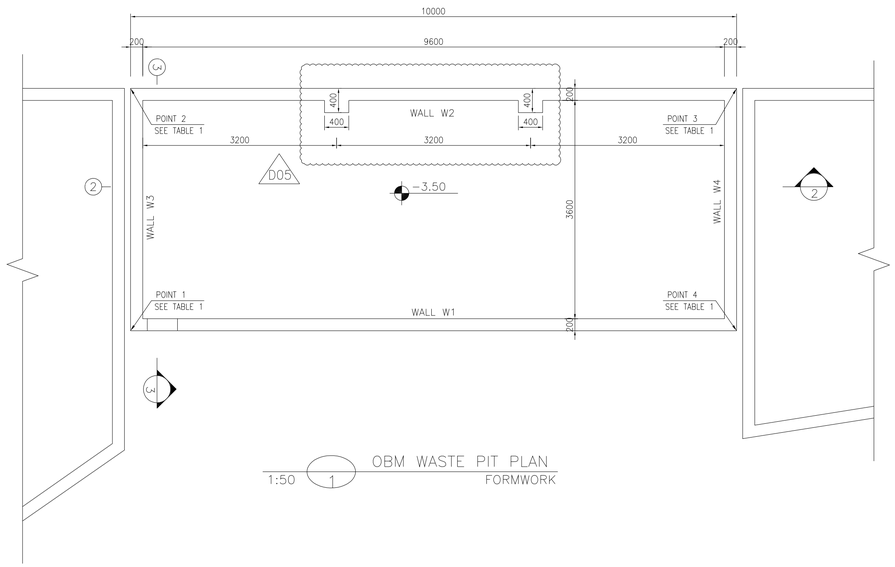
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NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

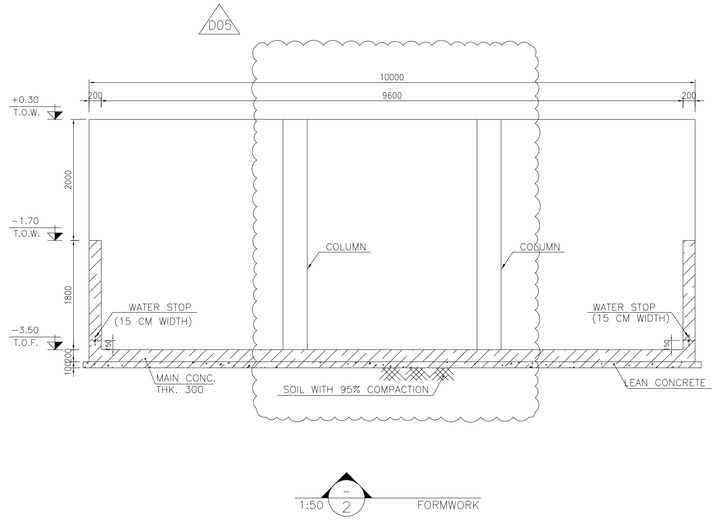
APPROVED FOR CONSTRUCTION | BY: | DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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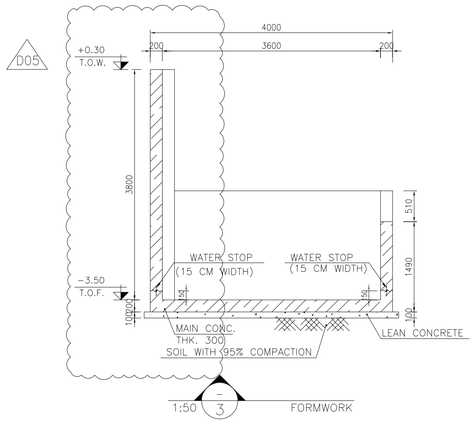




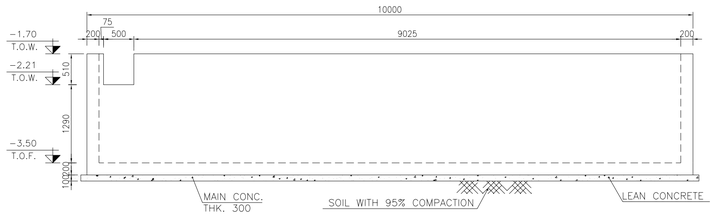
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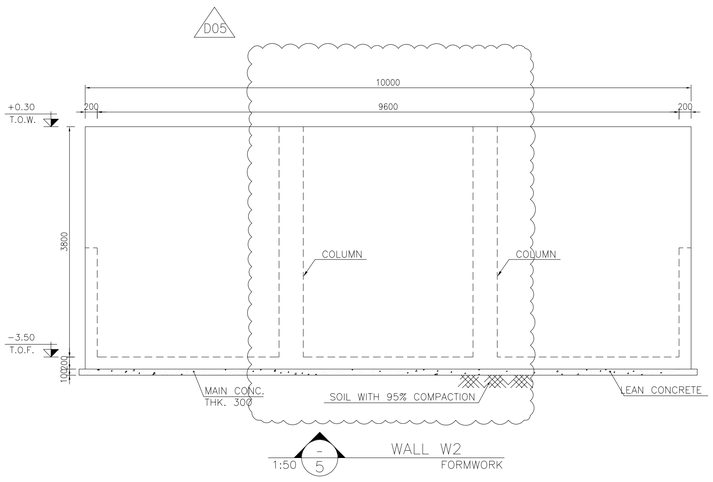
1:50 (2) FORMWORK



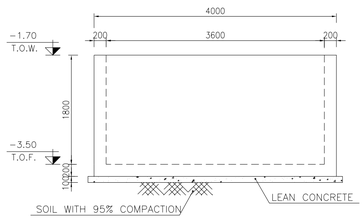
1:50 (3) FORMWORK



1:50 (4) WALL W1 FORMWORK



1:50 (5) WALL W2 FORMWORK



1:50 (6) WALL W3&W4 FORMWORK

TABLE 1 (CORNERS COORDINATES)		
POINT 1	E=437776.896	N=3295004.333
POINT 2	E=437778.495	N=3295008.000
POINT 3	E=437787.661	N=3295004.003
POINT 4	E=437786.063	N=3295000.337

NOTES

1- ALL COORDINATES ARE IN METER.
2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(ON CYLINDRICAL SPECIMEN)
5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(ON CYLINDRICAL SPECIMEN)
6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm^2
7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm³
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
9- JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION
10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
11- 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: MSL
12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.

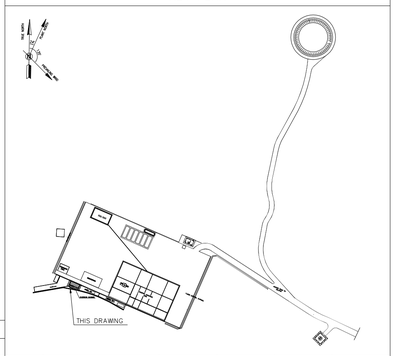
±0.00 = +186.00(R.G.L.)MSL

LEGEND AND ABBREVIATION

REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
LEAN CONCRETE	T.O.W.	TOP OF WALL
CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
GRAVEL	B.O.C	BOTTOM OF CONCRETE
SUB GRADE	T.O.PIT	TOP OF PIT
SLOPE	B.O.P.	BOTTOM OF PIPE
GRAVEL	R.G.L.	ROUGH GRADING LEVEL
	T.O.CH.	TOP OF CHANNEL
	T.O.R	TOP OF ROAD

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
STANDARD DRAWING FOR FENCE & GATE DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0009
GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT - BK14	BK-BK14-PEDCO-110-CV-PY-0001
PLOT PLAN DRAWING - BK14	BK-BK14-PEDCO-110-PI-PY-0001
ROUGH GRADING PLANS - BK14	BK-BK14-PEDCO-110-CV-DW-0003
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
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STRUCTURAL DRAWING FOR SECURITY BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0003
FOUNDATION DRAWING FOR SWICHGEAR BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0004
STRUCTURAL DRAWING FOR SWICHGEAR BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0005
FOUNDATION DRAWING FOR POTABLE WATER TANK FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0006
FOUNDATION DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0007
STRUCTURAL DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0008

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	** **
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	** **
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	** **
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	** **
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	** **
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	** **

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

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EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-BK14
OBM WASTE PIT FORMWORK PLAN-SECTION

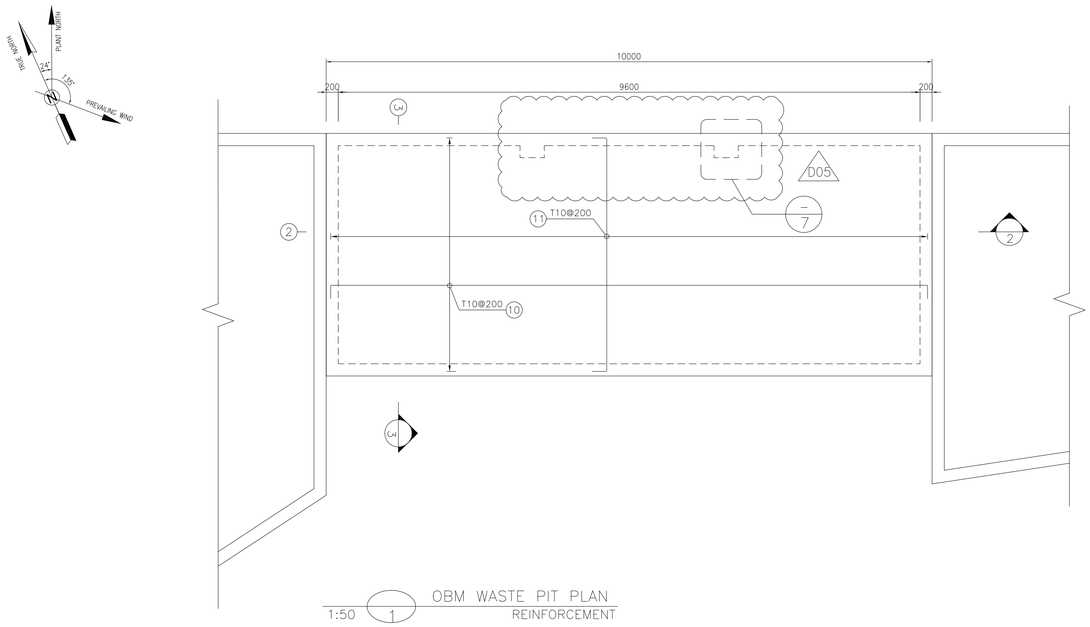
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

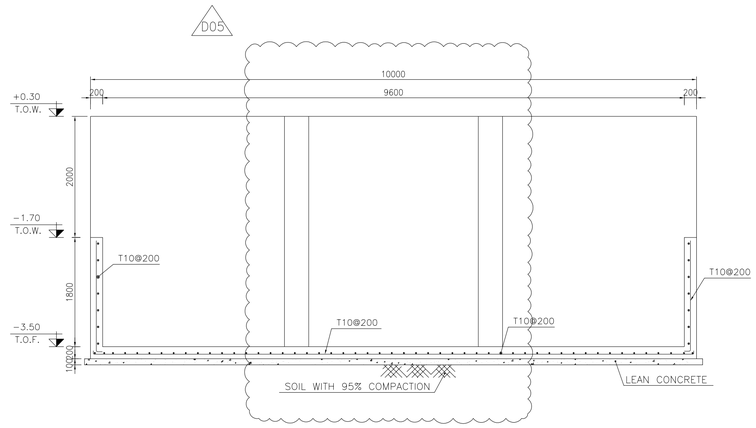
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-BK14-PEDCO-110-CV-DW-0001	15 OF 99	D05

APPROVED FOR CONSTRUCTION BY: DATE:

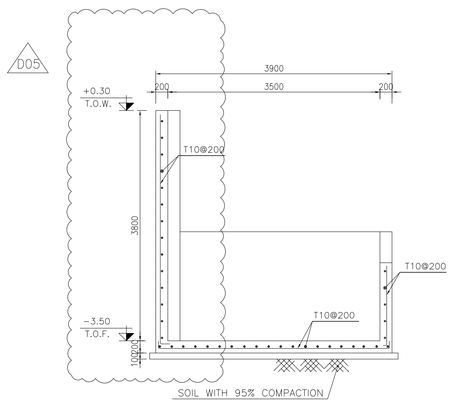
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	15	D05



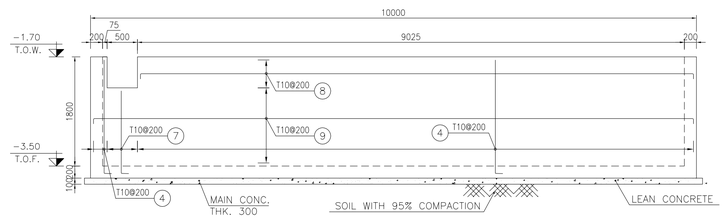
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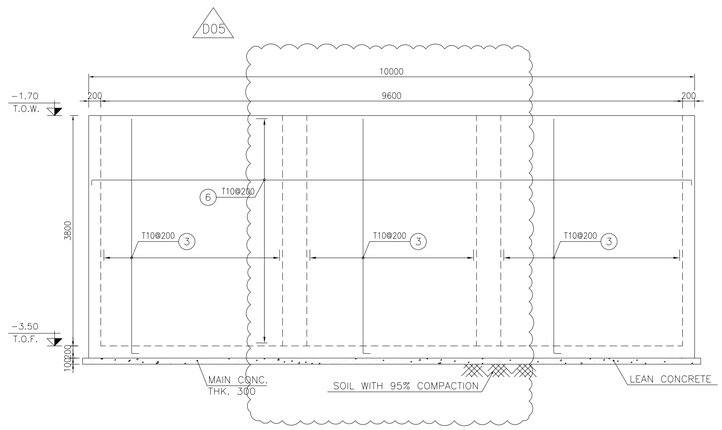
1:50 (2) REINFORCEMENT



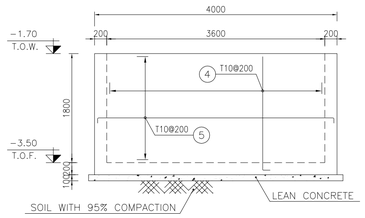
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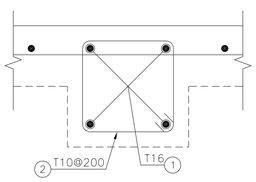
1:50 (4) WALL W1 REINFORCEMENT



1:50 (5) WALL W2 REINFORCEMENT



1:50 (6) WALL W3&W4 REINFORCEMENT



1:10 (7) REINFORCEMENT

NOTES

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±0.00 = +186.00(R.G.L.)MSL

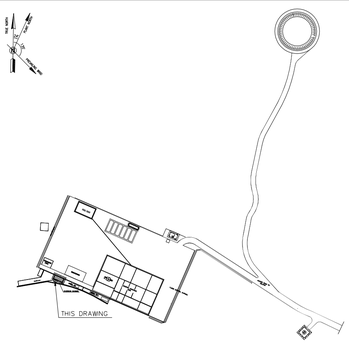
LEGEND AND ABBREVIATION

REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
LEAN CONCRETE	T.O.W.	TOP OF WALL
CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
GRAVEL	B.O.C	BOTTOM OF CONCRETE
SUB GRADE	T.O.PIT	TOP OF PIT
SLOPE	B.O.P.	BOTTOM OF PIPE
GRAVEL	R.G.L.	ROUGH GRADING LEVEL
	T.O.CH.	TOP OF CHANNEL
	T.O.R	TOP OF ROAD

REFERENCE DRAWING	DRG. No.
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ROUGH GRADING PLANS - BK14	BK-BK14-PEDCO-110-CV-DW-0003
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
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SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
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STRUCTURAL DRAWING FOR SECURITY BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0003
FOUNDATION DRAWING FOR SWICHGEAR BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0004
STRUCTURAL DRAWING FOR SWICHGEAR BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0005
FOUNDATION DRAWING FOR POTABLE WATER TANK FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0006
FOUNDATION DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0007
STRUCTURAL DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0008

Pos	Spec.	Shape	L/A	No.	T10	T16
1	T16	200 3900	4.100	8		32.800
2	T10	300 300 100	1.400	40	56.000	
3	T10	200 3900	4.100	94	385.400	
4	T10	200 1900	2.100	84	176.400	
5	T10	200 3700 200	4.100	20	82.000	
6	T10	200 9700 200	10.100	20	202.000	
7	T10	200 1400	1.600	4	6.400	
8	T10	200 9150 200	9.550	3	28.650	
9	T10	200 9900 200	10.300	8	82.400	
10	T10	200 9850 200	10.250	21	215.250	
11	T10	200 3850 200	4.250	51	216.750	
TOTAL LENGTH OR AREA (m/m2)					1451.25	32.80
UNIT WEIGHT (Kg)					0.617	1.578
WEIGHT (Kg)					895.42	51.76
GRAND TOTAL (Kg)					947 Kg.	

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.F.AKHARIAN	A.M.MOHSENI	** **
D04	JUN.2023	IFA	R.BERLOUEI	M.F.AKHARIAN	A.M.MOHSENI	** **
D03	MAY.2023	IFA	R.BERLOUEI	M.F.AKHARIAN	A.M.MOHSENI	** **
D02	MAR.2023	IFA	R.BERLOUEI	M.F.AKHARIAN	M.MEHRSHAD	** **
D01	NOV.2022	IFA	R.BERLOUEI	M.F.AKHARIAN	M.MEHRSHAD	** **
D00	OCT.2022	IFC	R.BERLOUEI	M.F.AKHARIAN	M.MEHRSHAD	** **

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

أصل و كليه نسخ اين نقشه و حق اقتباس متعلق به شركت ملي مناطق نفت خيز جنوب ميباشد.
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EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

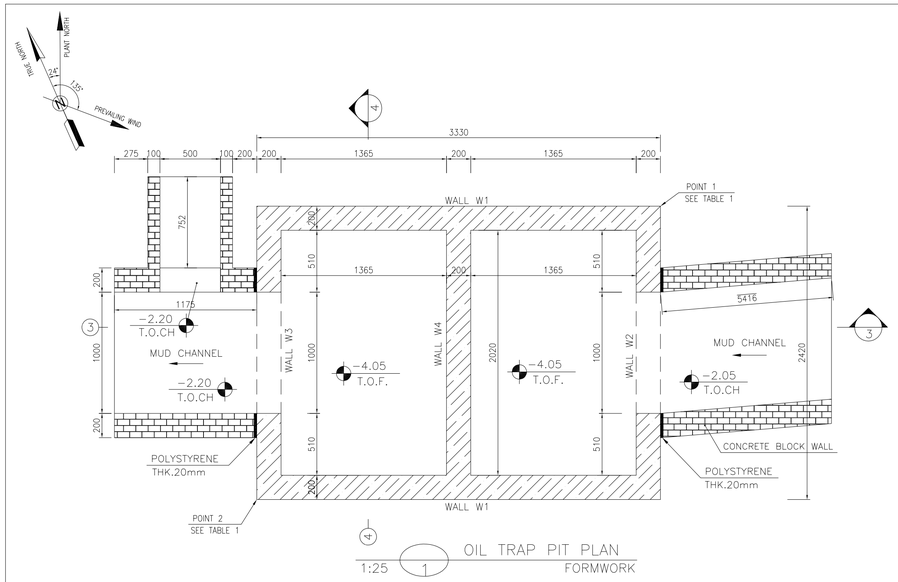
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-BK14
OBM WASTE PIT REINFORCEMENT PLAN-SECTION

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

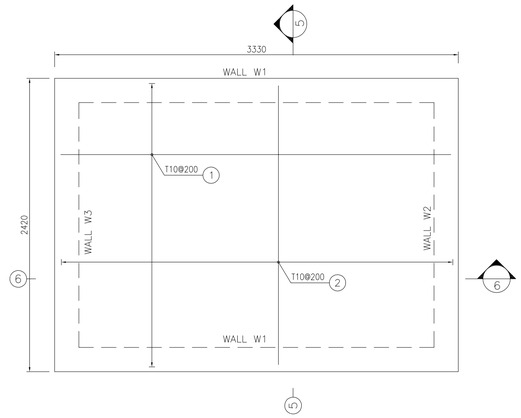
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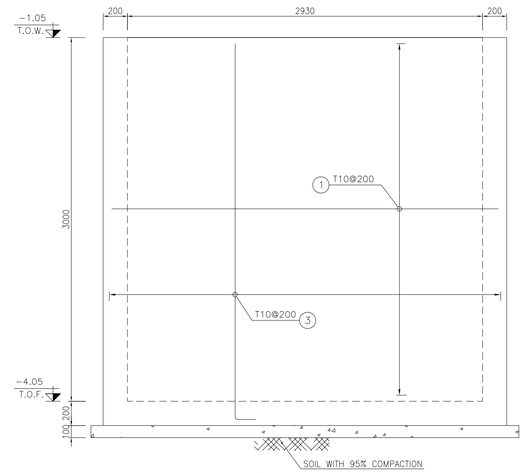
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	16	D05



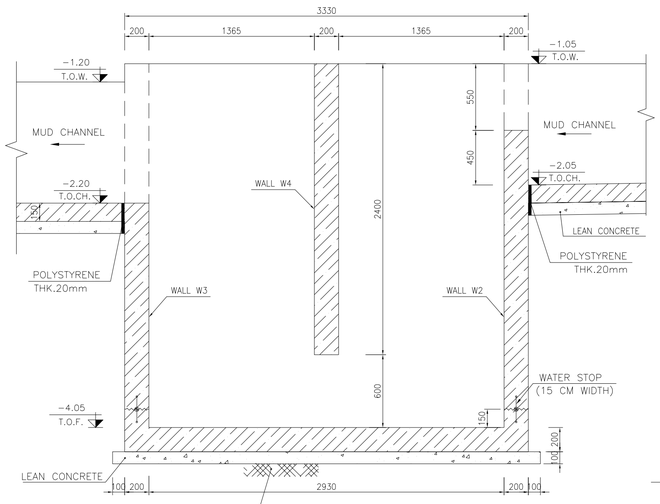
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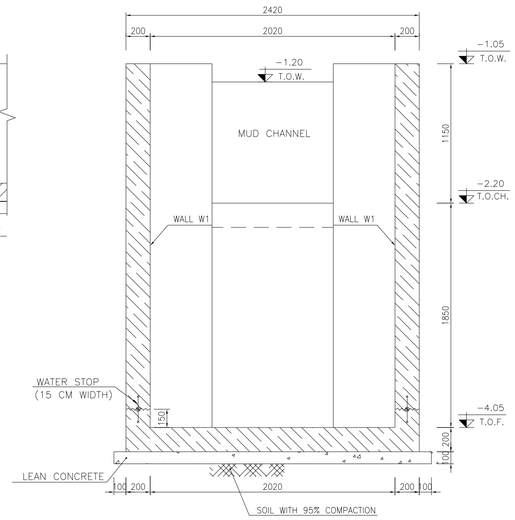
1:25 (2) OIL TRAP PIT PLAN REINFORCEMENT



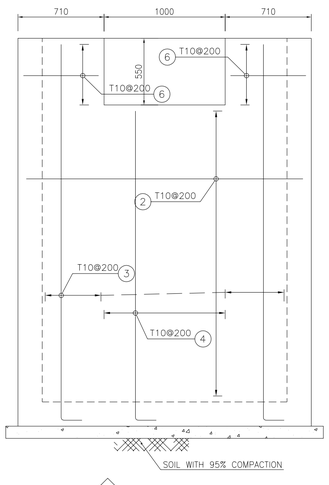
1:25 (7) WALL W1 REINFORCEMENT



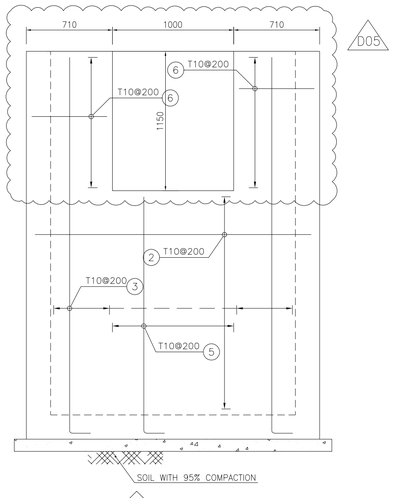
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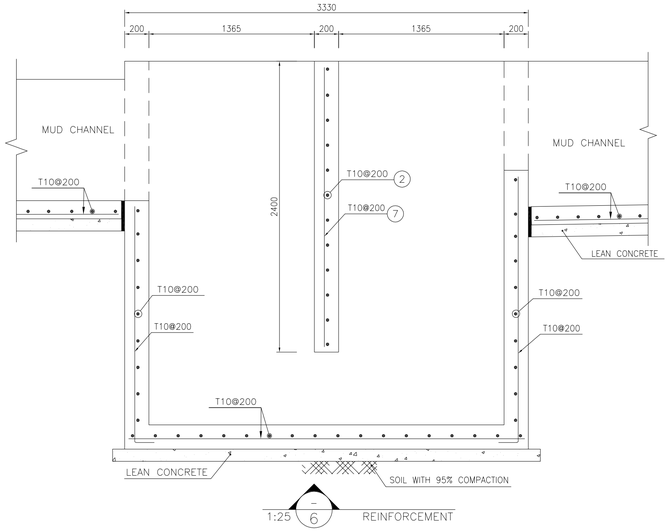
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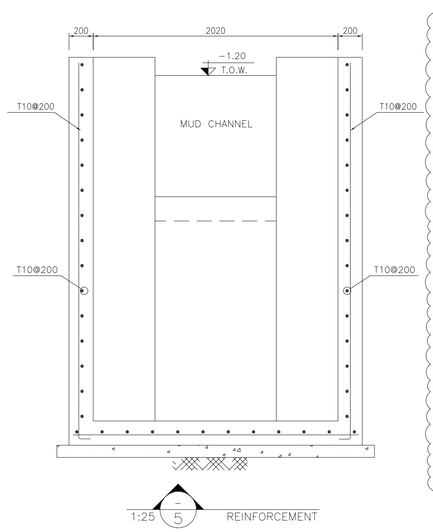
1:25 (8) WALL W2 REINFORCEMENT



1:25 (9) WALL W3 REINFORCEMENT



1:25 (6) REINFORCEMENT



1:25 (5) REINFORCEMENT

D05

BAR BENDING SCHEDULE – FUEL TANK

Pos	Spec.	Shape	L/A	No.	T10
1	T10	3200	3.20	45	144.0
2	T10	2300	2.30	64	147.20
3	T10	150 3050	3.20	46	147.20
4	T10	150 2500	2.65	6	15.90
5	T10	150 1900	2.05	6	12.30
6	T10	600	0.60	18	10.80
7	T10	2300	2.30	10	23.00
TOTAL LENGTH OR AREA (m)					500.40
UNIT WEIGTH (Kg/m)					0.617
WEIGTH (Kg)					308.75
GRAND TOTAL (Kg)					310

NOTES

1- ALL COORDINATES ARE IN METER.
2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(ON CYLINDRICAL SPECIMEN)
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6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm^2
7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR,
BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm³
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
9- JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION
10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
11- 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: MSL
12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.

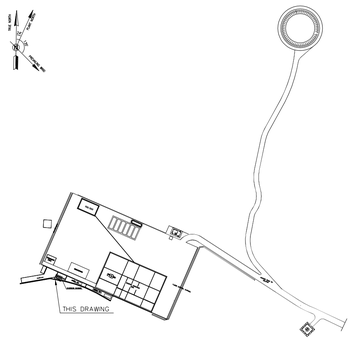
±0.00 = +186.00(R.G.L.)MSL

LEGEND AND ABBREVIATION

	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
	GRAVEL	B.O.C	BOTTOM OF CONCRETE
	SUB GRADE	T.O.PIT	TOP OF PIT
	SLOPE	B.O.P.	BOTTOM OF PIPE
	GRAVEL	R.G.L.	ROUGH GRADING LEVEL
		T.O.CH.	TOP OF CHANNEL
		T.O.R	TOP OF ROAD

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
STANDARD DRAWING FOR FENCE & GATE DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0009
GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT - BK14	BK-BK14-PEDCO-110-CV-PY-0001
PLOT PLAN DRAWING - BK14	BK-BK14-PEDCO-110-PI-PY-0001
ROUGH GRADING PLANS - BK14	BK-BK14-PEDCO-110-CV-DW-0003
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
FOUNDATION DRAWING FOR SECURITY BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0002
STRUCTURAL DRAWING FOR SECURITY BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0003
FOUNDATION DRAWING FOR SWICHGEAR BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0004
STRUCTURAL DRAWING FOR SWICHGEAR BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0005
FOUNDATION DRAWING FOR POTABLE WATER TANK FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0006
FOUNDATION DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0007
STRUCTURAL DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0008

KEY PLAN



** SHOULD BE USED THE EMULSION ON CONCRETE EXPOSED WITH SOIL.
B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS. THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640

TABLE 1
(CORNERS COORDINATES)

POINT 1	E=437780.925	N=3295002.315
POINT 2	E=437776.906	N=3295001.427

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.F.AKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.F.AKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.F.AKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.F.AKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.F.AKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.F.AKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

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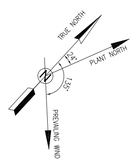
BINAK OILFIELD DEVELOPMENT
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BK14 WHF MODIFICATIONS

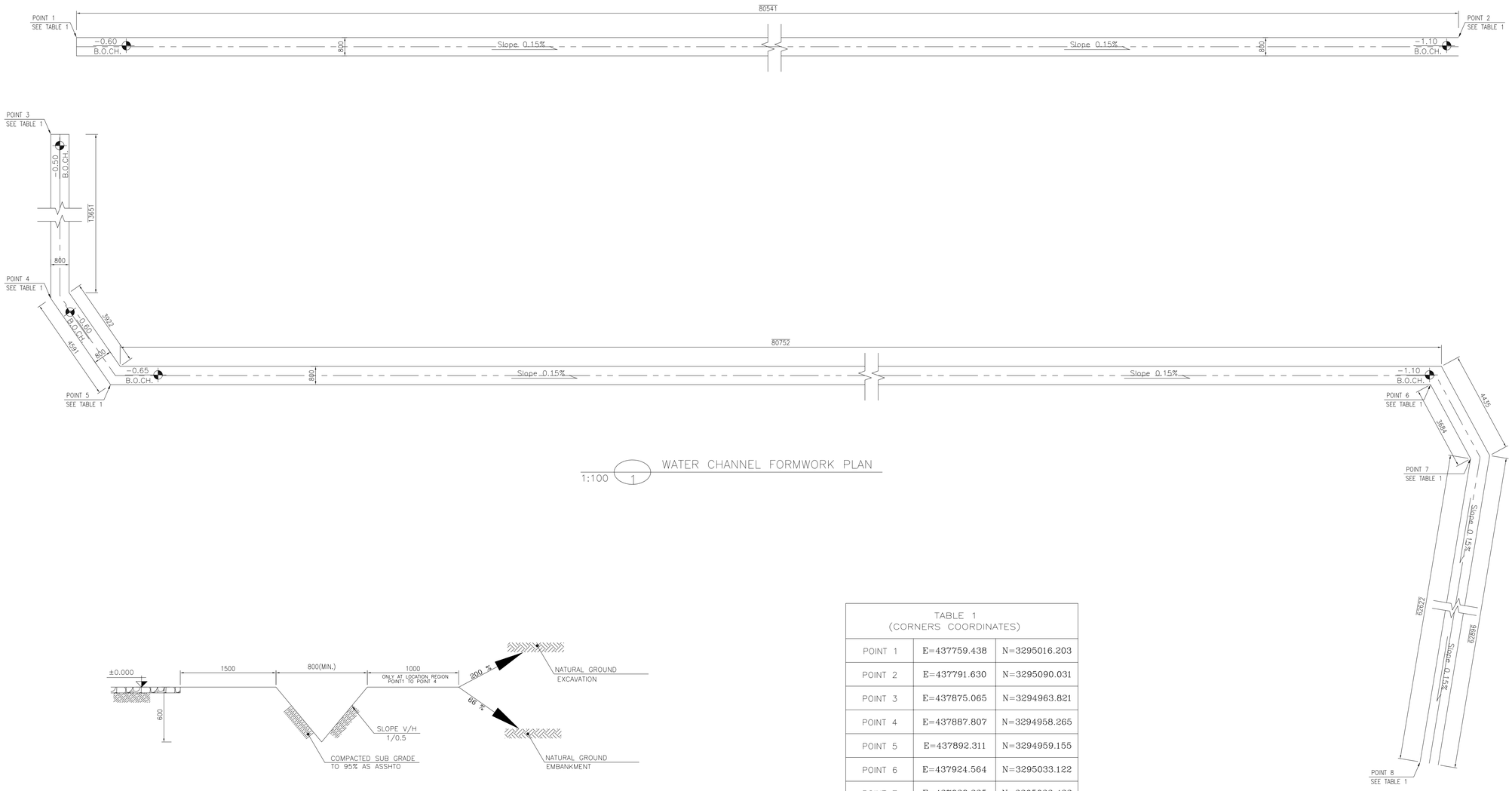
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-BK14
OIL TRAP PIT FORMWORK & REINFORCEMENT PLAN-SECTIONS

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
AS SHOWN	A1	BK-BK14-PEDCO-110-CV-DW-0001	17 OF 99	D05	053-073-9184	F	4	S	708209	17	D05





1:100 (1) WATER CHANNEL FORMWORK PLAN

N.T.S. (2) FORMWORK

TABLE 1 (CORNERS COORDINATES)		
POINT 1	E=437759.438	N=3295016.203
POINT 2	E=437791.630	N=3295090.031
POINT 3	E=437875.065	N=3294963.821
POINT 4	E=437887.807	N=3294958.265
POINT 5	E=437892.311	N=3294959.155
POINT 6	E=437924.564	N=3295033.122
POINT 7	E=437928.235	N=3295033.433
POINT 8	E=437980.758	N=3294999.333

NOTES

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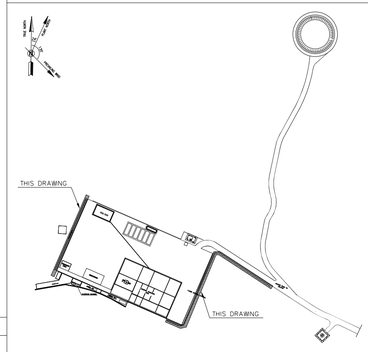
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STRUCTURAL DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0008

KEY PLAN



D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	** **
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	** **
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	** **
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D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	** **
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

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

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

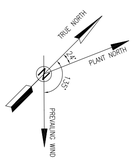
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-BK14
WATER CHANNEL FORMWORK PLAN-SECTION

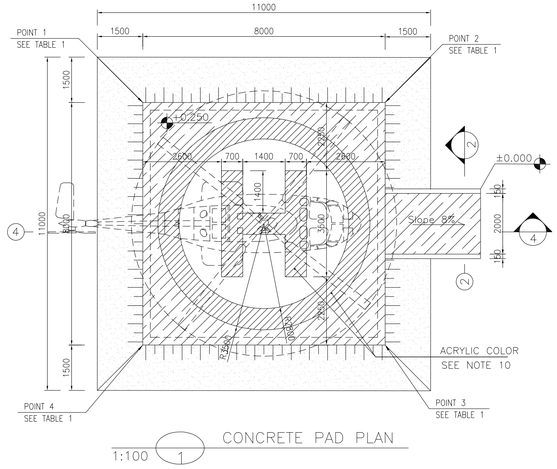
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-BK14-PEDCO-110-CV-DW-0001	18 OF 99	D05

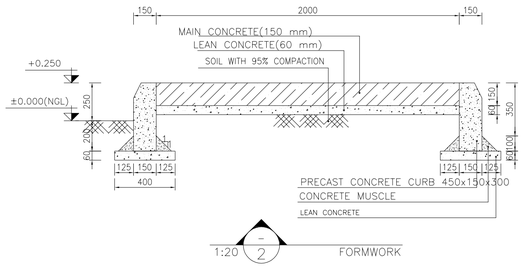
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	18	D05



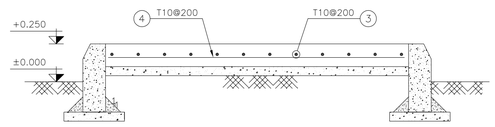


CONCRETE PAD PLAN

1:100 (1)

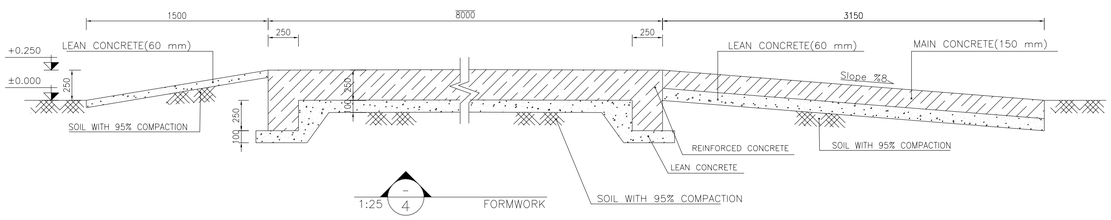


1:20 (2) FORMWORK

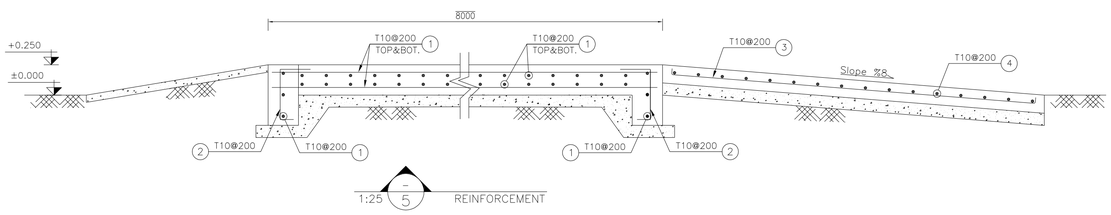


1:25 (3) REINFORCEMENT

TABLE 1 (CORNERS COORDINATES)		
POINT 1	E=438029.190	N=3294948.826
POINT 2	E=438034.847	N=3294954.483
POINT 3	E=438040.504	N=3294948.826
POINT 4	E=438034.847	N=3294943.170



1:25 (4) FORMWORK



1:25 (5) REINFORCEMENT

BAR BENDING SCHEDULE – CONCRETE PAD					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	7850	7.85	164	1287.4
2	T10	150 350	0.50	156	78.0
3	T10	3000	3.00	11	33.0
4	T10	1850	1.85	15	27.75
TOTAL LENGTH OR AREA (m/m2)					1426.15
UNIT WEIGHT (Kg)					0.617
WEIGHT (Kg)					879.93
GRAND TOTAL (Kg)					880

*CONSTRUCTION OF THE HELIPAD AREA AND ITS ACCESS ROAD IS SUBJECT TO OFFICIAL NOTIFICATION FROM THE CLIENT AS EXTRA WORKS.

NOTES

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2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(ON CYLINDRICAL SPECIMEN)
5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(ON CYLINDRICAL SPECIMEN)
6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm^2
7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm³
THICKNESS :300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT :75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME :48%±2
9- JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION
10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
11- 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: MSL
12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.

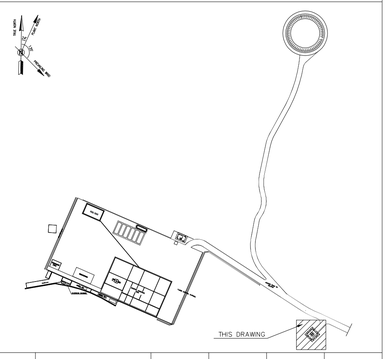
±0.00 = +183.75(R.G.L.)MSL

LEGEND AND ABBREVIATION

	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
	GRAVEL	B.O.C	BOTTOM OF CONCRETE
	SUB GRADE	T.O.PIT	TOP OF PIT
	SLOPE	B.O.P.	BOTTOM OF PIPE
	GRAVEL	R.G.L.	ROUGH GRADING LEVEL
		T.O.CH.	TOP OF CHANNEL
		T.O.R	TOP OF ROAD

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
STANDARD DRAWING FOR FENCE & GATE DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0009
GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT - BK14	BK-BK14-PEDCO-110-CV-PY-0001
PLOT PLAN DRAWING - BK14	BK-BK14-PEDCO-110-PI-PY-0001
ROUGH GRADING PLANS - BK14	BK-BK14-PEDCO-110-CV-DW-0003
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
FOUNDATION DRAWING FOR SECURITY BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0002
STRUCTURAL DRAWING FOR SECURITY BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0003
FOUNDATION DRAWING FOR SWICHGEAR BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0004
STRUCTURAL DRAWING FOR SWICHGEAR BUILDING FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0005
FOUNDATION DRAWING FOR POTABLE WATER TANK FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0006
FOUNDATION DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0007
STRUCTURAL DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0008

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
***	**********		**.**	***.****	**.**	***.****

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/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PEDCO – PETROIRAN DEVELOPMENT COMPANY

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

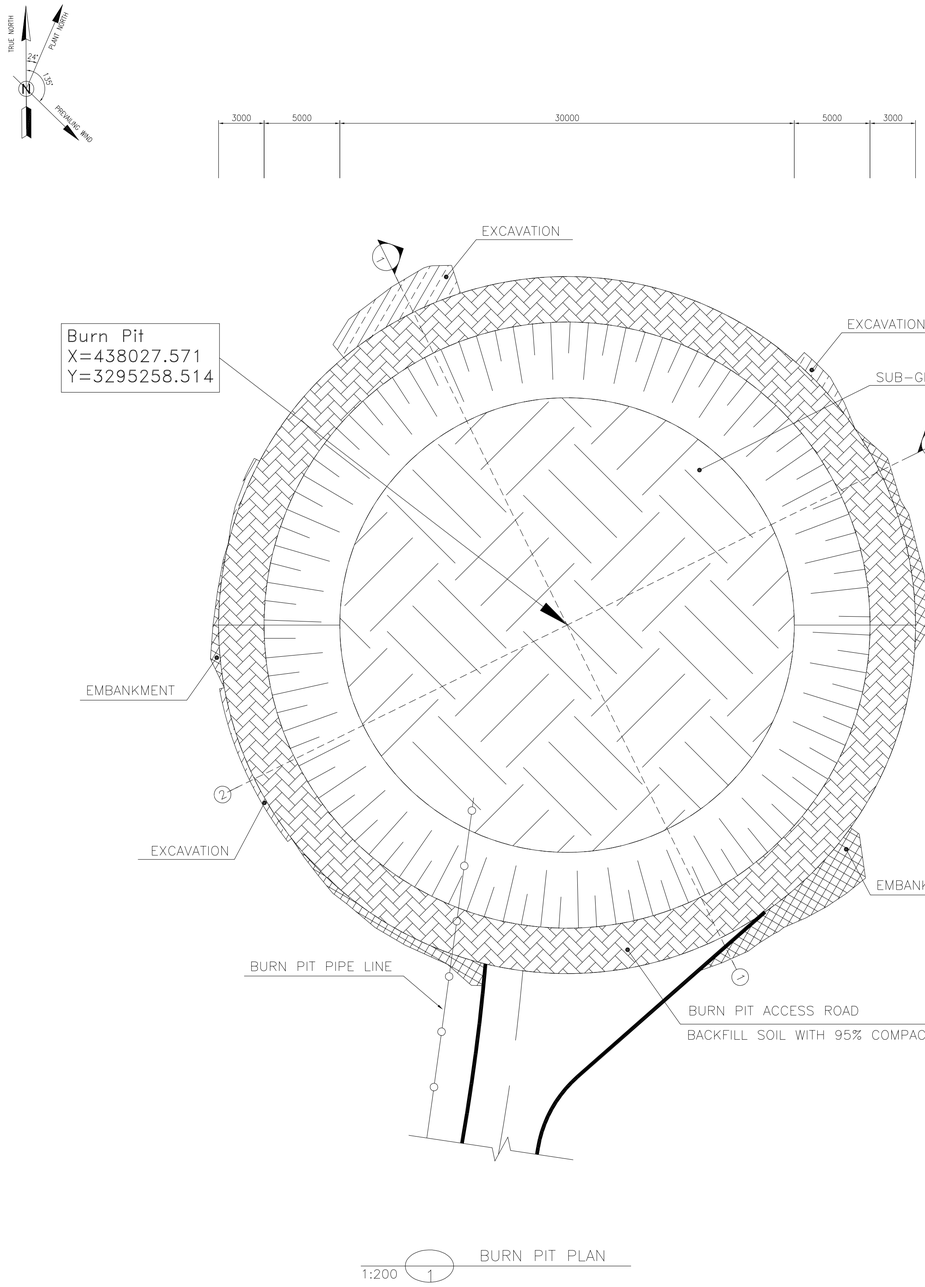
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-BK14
HELIPAD FORMWORK & REINFORCEMENT PLAN-SECTION

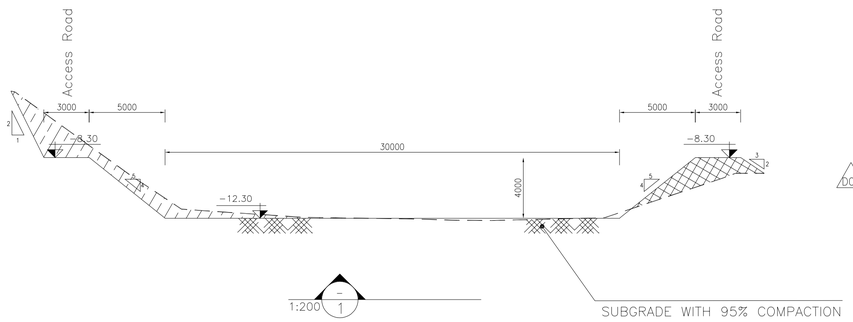
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

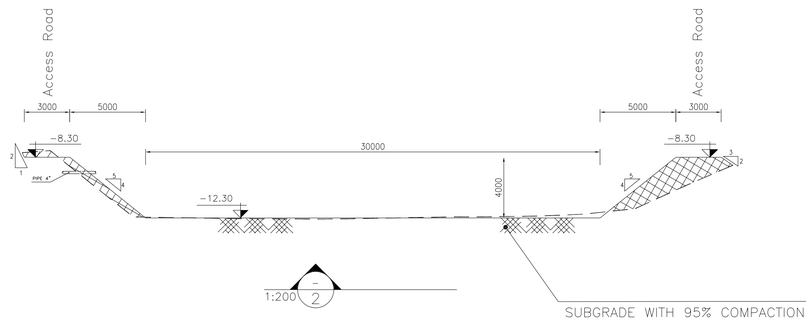
APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-BK14-PEDCO-110-CV-DW-0001	19 OF 99	D05

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	19	D05







NOTES

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ELLIPSOID :	WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION:	UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM:	MSL

12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.

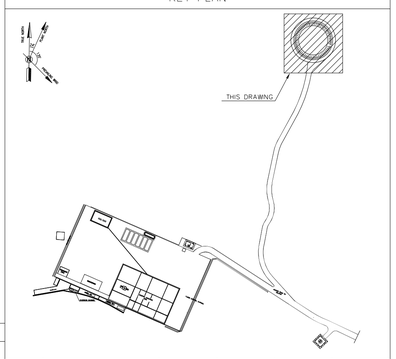
±0.00 = +186.00(R.G.L.)MSL

LEGEND AND ABBREVIATION

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LEAN CONCRETE	T.O.W.	TOP OF WALL
CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
GRAVEL	B.O.C	BOTTOM OF CONCRETE
SUB GRADE	T.O.PIT	TOP OF PIT
SLOPE	B.O.P.	BOTTOM OF PIPE
GRAVEL	R.G.L.	ROUGH GRADING LEVEL
Excavation	T.O.CH.	TOP OF CHANNEL
Embankment	T.O.R	TOP OF ROAD

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
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STRUCTURAL DRAWING FOR DIESEL GENERATOR SHELTER FOR WELL PADS-BK-14	BK-BK14-PEDCO-110-ST-DW-0008

KEY PLAN



Cut/Fill Summary

Name	Cut Factor	Fill Factor	Cut	Fill
ROUGH GRADING (BURNPIT-BK14)	**1.000**	**1.000**	585.64 Cu.M.	633.71 Cu.M.
			TOTAL=1219.35 Cu.M.	

Cut and Fill Volume Table for Burn Pit Area

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

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

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-BK14
BURN PIT PLAN-SECTIONS

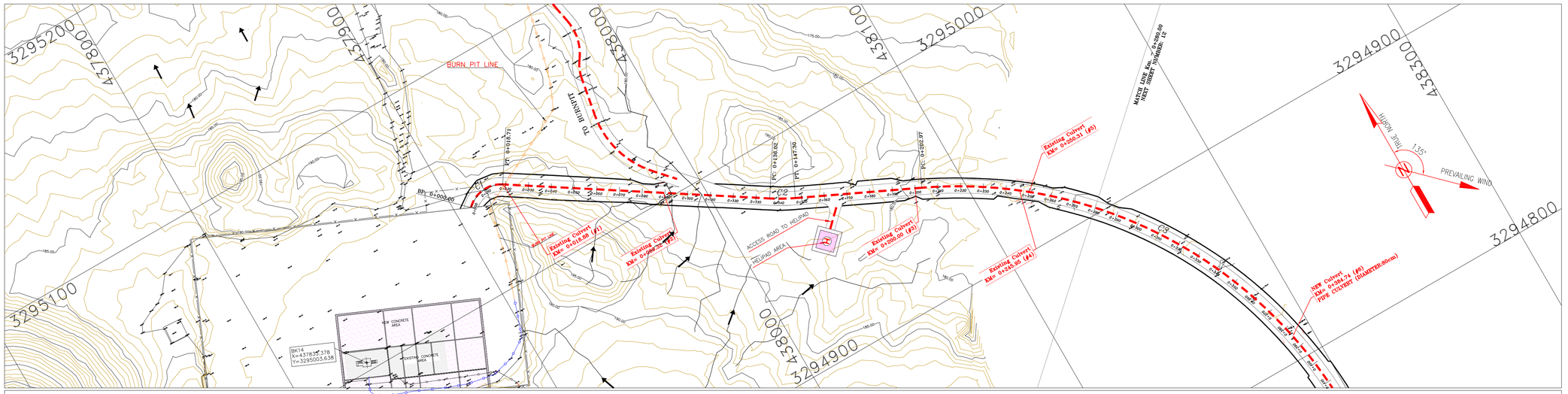
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

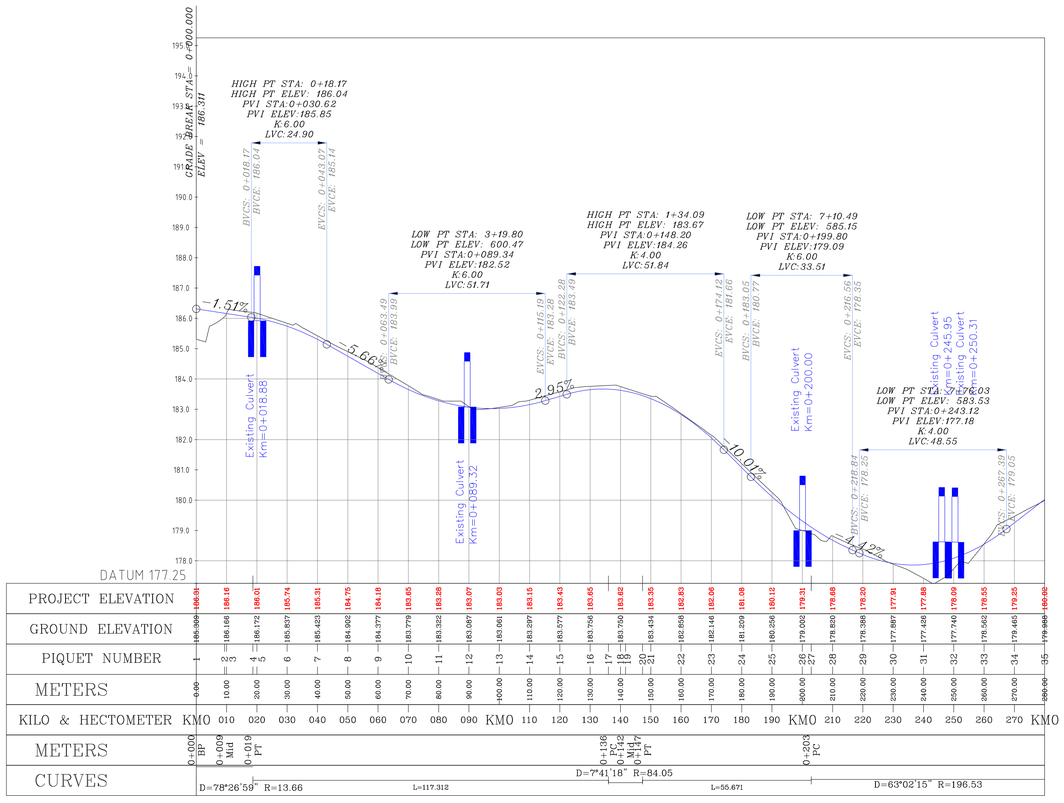
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION	BY:	DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-BK14-PEDCO-110-CV-DW-0001	20 OF 99	D05

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	20	D05





NOTES

1–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: MSL
4–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–GNRAL–PEDCO–000–CV–SP–0004".
– GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5–BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.
6–RETAINING WALL SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.
7–PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK–SSGRL–PEDCO–110–PI–DW–0001
8–THE EXACT LOCATION OF NEW CULVERT AND RETAINING WALL SHALL BE ADJUSTED AT SITE.

LEGEND

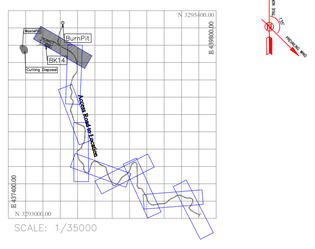
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
RETAINING WALL
ROAD WIDENING AREA
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT
OIL LINE
BURN PIT LINE
NEW BURN PIT LINE

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK–BK14–PEDCO–110–CV–PY–0001
Rough Grading Plan–BK14	BK–BK14–PEDCO–110–CV–PY–0003
Specification For Earth Work	BK–GNRAL–PEDCO–000–CV–SP–0004
Standard Drawing For Slope Protection Details	BK–GNRAL–PEDCO–000–CV–DW–0002
Geotechnical Investigation Report – BK14	BK–BK14–PEDCO–110–GT–RT–0001
Specification For Road & Paving	BK–GNRAL–PEDCO–000–CV–SP–0002
MTO For Civil Works – BK14	BK–BK14–PEDCO–110–CV–MT–0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



Curve Table: Alignments

Curve #	Radius	Length	Chord Direction	Start Point	End Point
C1	13.66	18.71	N83° 47' 38.06"E	(437907.01,3295039.68)	(437924.19,3295041.55)
C2	84.05	11.28	S60° 49' 31.48"E	(438022.55,3294977.62)	(438032.39,3294972.13)
C3	196.53	216.22	S33° 09' 03.07"E	(438082.71,3294948.31)	(438195.08,3294776.27)

Station	Northing	Easting
0+000.00	3295039.68	437907.01
0+010.00	3295043.73	437915.91
0+020.00	3295040.84	437925.27
0+030.00	3295035.39	437933.65
0+040.00	3295029.94	437942.04
0+050.00	3295024.50	437950.42
0+060.00	3295019.05	437958.81
0+070.00	3295013.60	437967.19
0+080.00	3295008.15	437975.58
0+090.00	3295002.70	437983.96
0+100.00	3294997.25	437992.35
0+110.00	3294991.80	438000.73
0+120.00	3294986.35	438009.12
0+130.00	3294980.90	438017.50
0+140.00	3294975.53	438025.94
0+150.00	3294970.97	438034.83
0+160.00	3294966.69	438043.87
0+170.00	3294962.41	438052.91

0+180.00	3294958.14	438061.95
0+190.00	3294953.86	438070.99
0+200.00	3294949.58	438080.03
0+210.00	3294945.19	438089.01
0+220.00	3294940.37	438097.77
0+230.00	3294935.10	438106.27
0+240.00	3294929.42	438114.49
0+250.00	3294923.32	438122.42
0+260.00	3294916.82	438130.02
0+270.00	3294909.95	438137.28
0+280.00	3294902.72	438144.19

PI Station	Northing	Easting
0+000.00	3295039.68	437907.01
0+011.15	3295047.62	437914.83
0+141.67	3294974.54	438027.29

Coordinate of Bench Marks (UTM–ZONE 39N)

NAME	Easting(m)	Northing(m)	Elevation(m)
GPS2	437770.8593	3295060.1065	171.4186
GPS3	437770.7943	3295060.0960	171.4184

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB–SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14
ACCESS ROAD PLAN AND PROFILE

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
1/1000	A1	BK–BK14–PEDCO–110–CV–DW–0001	21 OF 99	D05

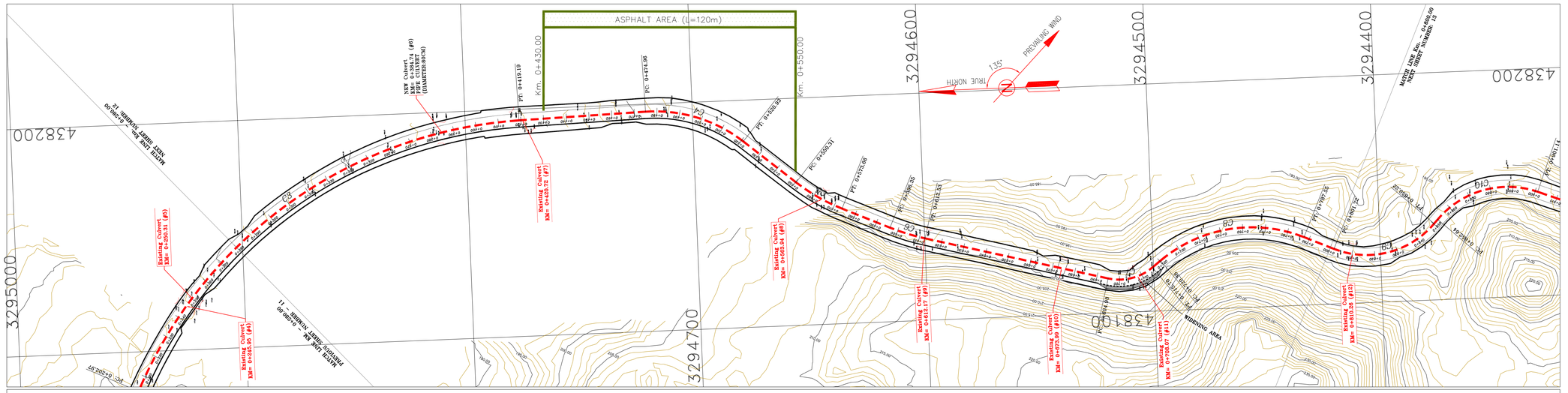
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

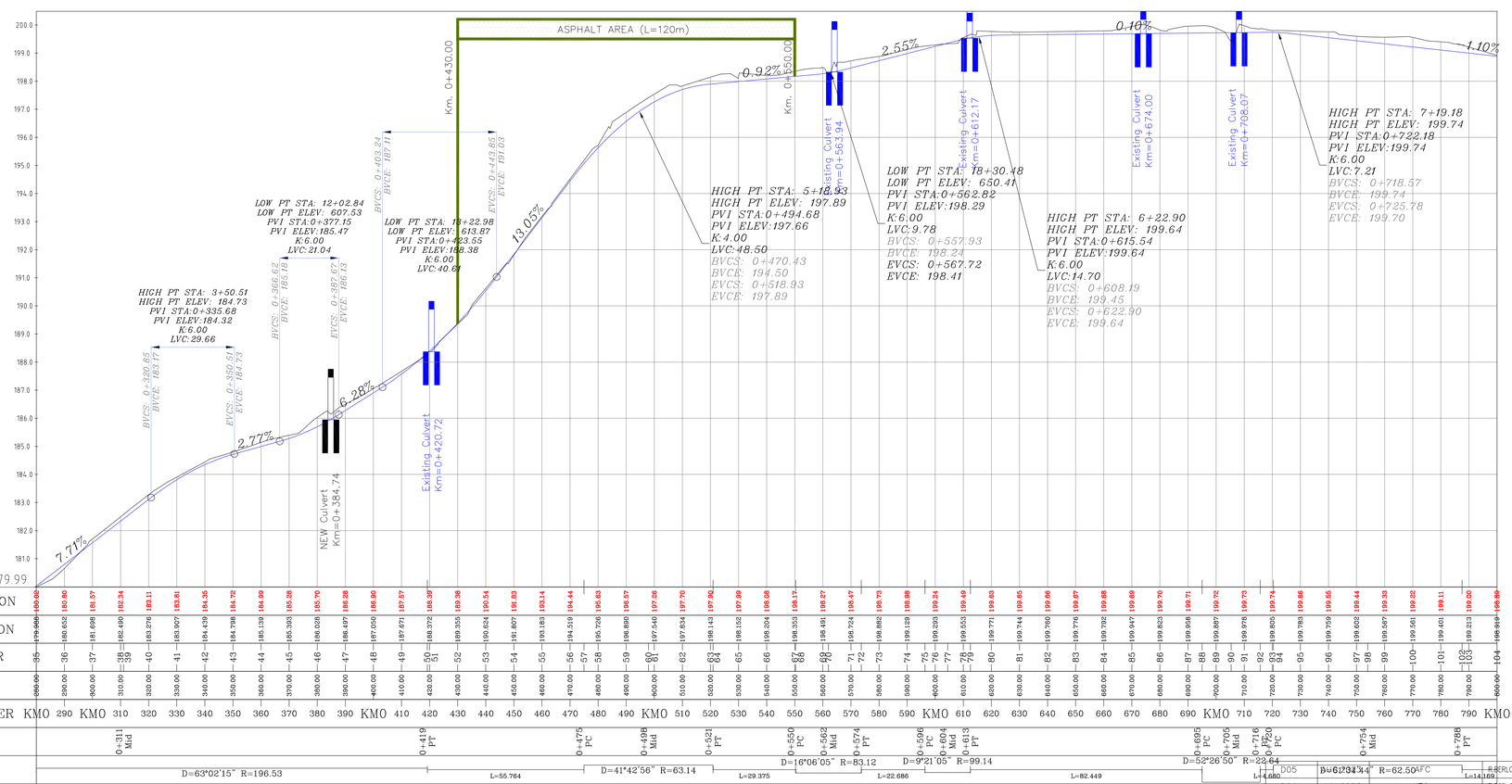
BINAK OILFIELD DEVELOPMENT
SUB–SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

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	S	708209	21	D05





Curve Table: Alignments

Curve #	Radius	Length	Chord Direction	Start Point	End Point
C4	63.14	45.97	S19° 13' 32.17"W	(438196.67,3294720.53)	(438181.86,3294678.08)
C5	83.12	23.36	S32° 01' 57.72"W	(438162.94,3294655.60)	(438150.60,3294635.86)
C6	99.14	16.18	S19° 18' 23.07"W	(438141.38,3294615.14)	(438136.03,3294599.88)
C7	22.64	20.72	S11° 35' 34.44"E	(438115.21,3294520.11)	(438119.23,3294500.51)
C8	62.50	67.17	S7° 01' 37.65"E	(438122.10,3294496.81)	(438129.92,3294433.31)
C9	39.00	48.50	S11° 51' 59.09"E	(438124.21,3294420.34)	(438133.56,3294375.87)
C10	40.46	48.50	S13° 09' 31.53"E	(438135.34,3294374.24)	(438145.73,3294329.79)

Station	Northing	Easting
0+280.00	3294902.72	438144.19
0+290.00	3294895.15	438150.72
0+300.00	3294887.25	438156.85
0+310.00	3294879.05	438162.57
0+320.00	3294870.57	438167.87
0+330.00	3294861.83	438172.74
0+340.00	3294852.86	438177.15
0+350.00	3294843.68	438181.10
0+360.00	3294834.30	438184.57
0+370.00	3294824.76	438187.57
0+380.00	3294815.08	438190.07
0+390.00	3294805.29	438192.09
0+400.00	3294795.40	438193.60
0+410.00	3294785.45	438194.60
0+420.00	3294775.47	438195.10
0+430.00	3294765.47	438195.39
0+440.00	3294755.48	438195.67
0+450.00	3294745.48	438195.95

0+460.00	3294735.48	438196.24
0+470.00	3294725.49	438196.52
0+480.00	3294715.49	438196.61
0+490.00	3294705.59	438195.31
0+500.00	3294696.01	438192.46
0+510.00	3294687.00	438188.14
0+520.00	3294678.79	438182.45
0+530.00	3294671.14	438176.02
0+540.00	3294663.49	438169.58
0+550.00	3294655.83	438163.14
0+560.00	3294647.84	438157.15
0+570.00	3294639.18	438152.16
0+580.00	3294630.07	438148.02
0+590.00	3294620.94	438143.96
0+600.00	3294611.77	438139.95
0+610.00	3294602.32	438136.70
0+620.00	3294592.66	438134.15
0+630.00	3294582.98	438131.62
0+640.00	3294573.30	438129.09

0+650.00	3294563.63	438126.57
0+660.00	3294553.95	438124.04
0+670.00	3294544.28	438121.52
0+680.00	3294534.60	438118.99
0+690.00	3294524.92	438116.46
0+700.00	3294515.15	438114.48
0+710.00	3294505.40	438116.33
0+720.00	3294497.11	438121.86
0+730.00	3294488.79	438127.39
0+740.00	3294479.69	438131.52
0+750.00	3294470.06	438134.14
0+760.00	3294460.12	438135.20
0+770.00	3294450.15	438134.66
0+780.00	3294440.39	438132.54
0+790.00	3294431.07	438128.94
0+800.00	3294421.92	438124.91

PI Station	Northing	Easting
0+323.49	3294896.74	438191.64
0+499.02	3294696.48	438197.35
0+562.06	3294646.61	438155.37
0+604.46	3294607.73	438138.08
0+706.13	3294509.32	438112.39
0+757.62	3294467.39	438144.93

Coordinate of Bench Marks (UTM–ZONE 39N)

NAME	Easting(m)	Northing(m)	Elevation(m)
GPS2	437770.8593	3295060.1065	171.4186
GPS3	437770.7943	3295060.0960	171.4184

NOTES

1–ALL COORDINATES AND ELEVATIONS ARE IN METER.
2–ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3–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: MSL
4–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–GNRAL–PEDCO–000–CV–SP–0004".
– GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5–BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.
6–RETAINING WALL SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.
7–PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK–SSGRL–PEDCO–110–PI–DW–0001
8–THE EXACT LOCATION OF NEW CULVERT AND RETAINING WALL SHALL BE ADJUSTED AT SITE.

LEGEND

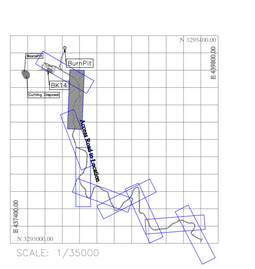
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
RETAINING WALL
ROAD WIDENING AREA
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT
OIL LINE
BURN PIT LINE
NEW BURN PIT LINE

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK–BK14–PEDCO–110–CV–PY–0001
Rough Grading Plan–BK14	BK–BK14–PEDCO–110–CV–PY–0003
Specification For Earth Work	BK–GNRAL–PEDCO–000–CV–SP–0004
Standard Drawing For Slope Protection Details	BK–GNRAL–PEDCO–000–CV–DW–0002
Geotechnical Investigation Report – BK14	BK–BK14–PEDCO–110–GT–RT–0001
Specification For Road & Paving	BK–GNRAL–PEDCO–000–CV–SP–0002
MTO For Civil Works – BK14	BK–BK14–PEDCO–110–CV–MT–0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	JUN.2023	IFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB–SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY – PEDCO

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14 ACCESS ROAD PLAN AND PROFILE

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
1/1000	A1	BK–BK14–PEDCO–110–CV–DW–0001	22 OF 99	D05

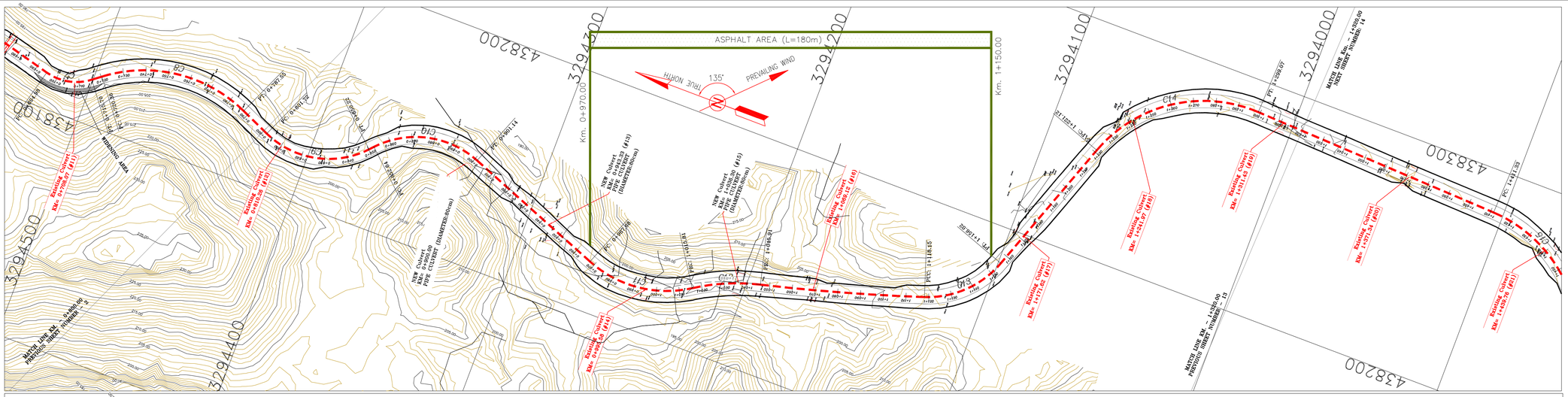
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

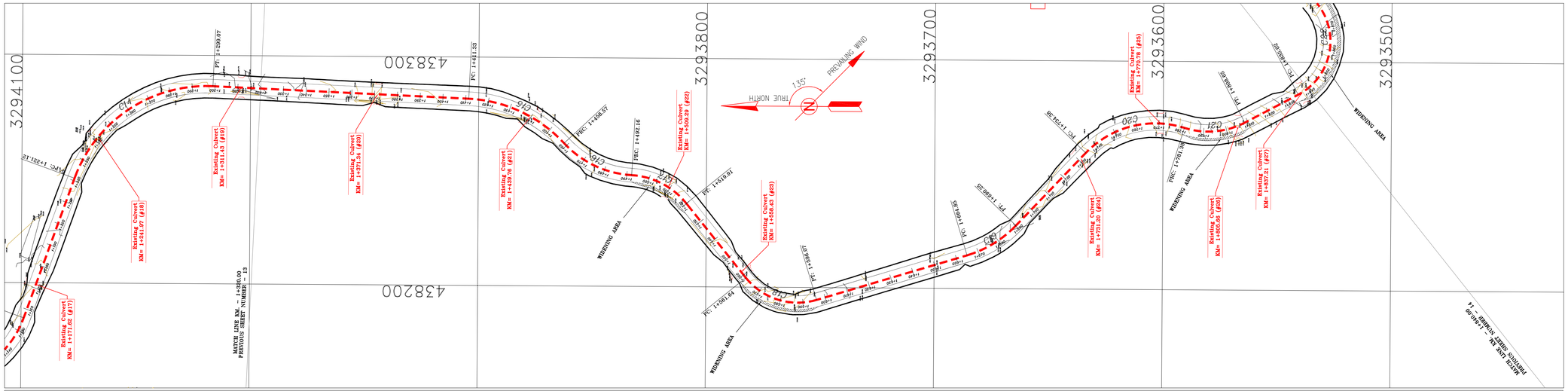
BINAK OILFIELD DEVELOPMENT
SUB–SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

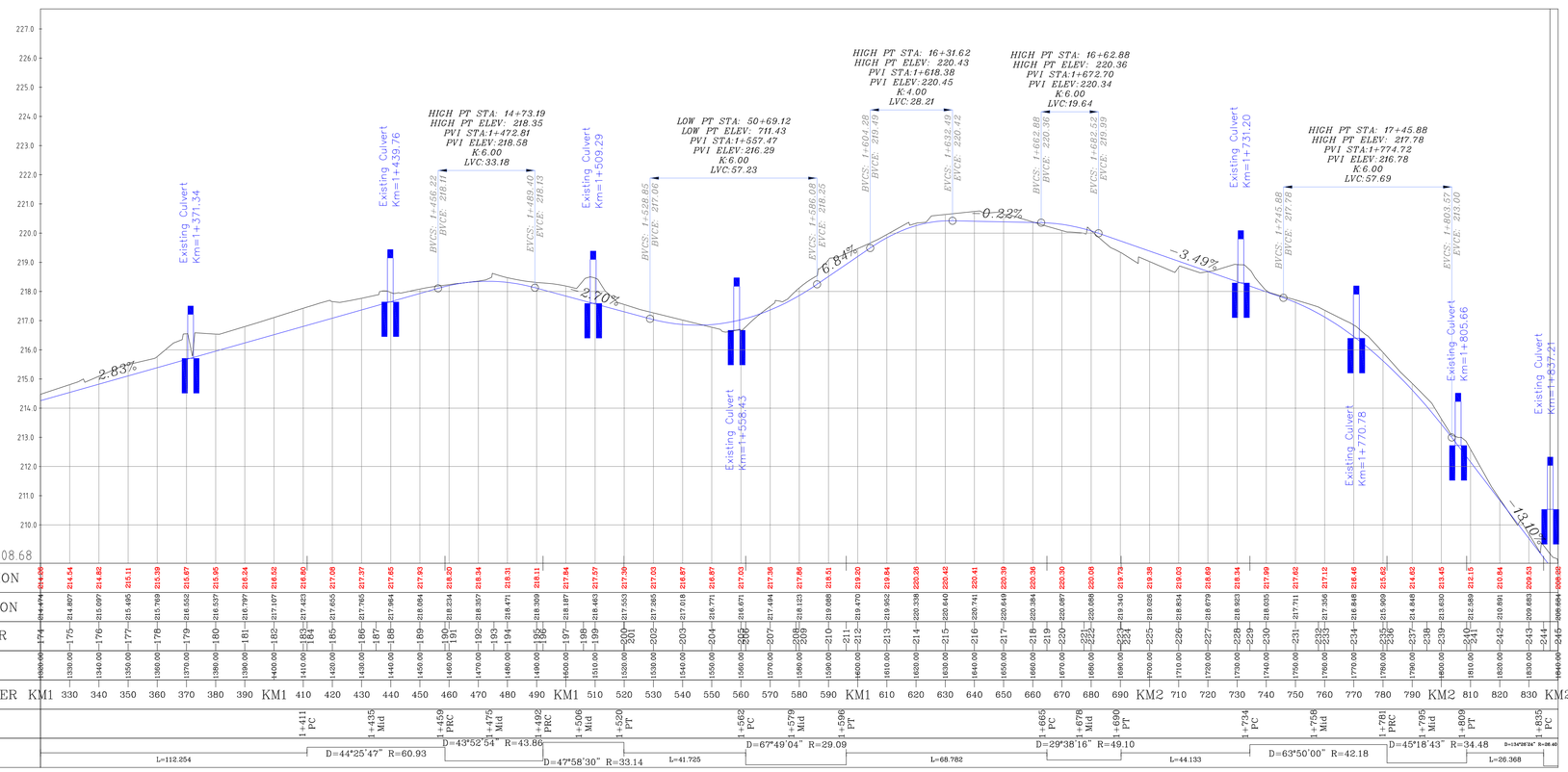
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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	S	708209	22	D05


ASPHALT AREA (L=180m)
Km. 0+970.00
Km. 1+150.00
TRUE NORTH
1.35°
PREVAILING WIND
3294700
3294200
3294100
3294000
3294500
3294400
4382200
4381800
4382300
MATCH LINE KM. 0+060.00 PREVIOUS SHEET NUMBER 14
MATCH LINE KM. 1+090.00 PREVIOUS SHEET NUMBER 13
MATCH LINE KM. 1+090.00 NEXT SHEET NUMBER 14
HIDRANO AREA
Existing Culvert Km= 0+070.09 (#11)
Existing Culvert Km= 0+289.58 (#10)
NEW Culvert Km= 0+430.09 PIPE CULVERT (DIAMETER:80cm)
NEW Culvert Km= 0+570.09 PIPE CULVERT (DIAMETER:80cm)
NEW Culvert Km= 0+710.09 PIPE CULVERT (DIAMETER:80cm)
Existing Culvert Km= 0+850.09 (#9)
Existing Culvert Km= 1+171.62 (#7)
Existing Culvert Km= 1+244.97 (#6)
Existing Culvert Km= 1+317.18 (#5)
Existing Culvert Km= 1+371.78 (#4)
Existing Culvert Km= 1+409.78 (#3)
PC: 0+397.38
PT: 0+497.38
PC: 0+697.38
PT: 0+797.38
PC: 0+897.38
PT: 0+997.38
PC: 1+097.38
PT: 1+197.38
PC: 1+297.38
PT: 1+397.38
PC: 1+497.38
PT: 1+597.38
PC: 1+697.38
PT: 1+797.38
PC: 1+897.38
PT: 1+997.38
PC: 2+097.38
PT: 2+197.38
PC: 2+297.38
PT: 2+397.38
PC: 2+497.38
PT: 2+597.38
PC: 2+697.38
PT: 2+797.38
PC: 2+897.38
PT: 2+997.38
PC: 3+097.38
PT: 3+197.38
PC: 3+297.38
PT: 3+397.38
PC: 3+497.38
PT: 3+597.38
PC:





Curve Table: Alignments

Curve #	Radius	Length	Chord Direction	Start Point	End Point
C14	61.37	77.95	S33° 56' 47.38"E	(438245.87,3294076.91)	(438286.54,3294016.50)
C15	60.93	47.24	S24° 39' 25.78"W	(438281.75,3293904.35)	(438262.53,3293862.48)
C16	43.86	33.59	S24° 55' 51.90"W	(438262.53,3293862.48)	(438248.71,3293832.76)
C17	33.14	27.75	S26° 58' 40.05"W	(438248.71,3293832.76)	(438236.49,3293808.75)
C18	29.09	34.43	S17° 03' 23.37"W	(438204.08,3293782.47)	(438194.56,3293751.44)
C19	49.10	25.40	S31° 40' 16.49"E	(438214.50,3293685.61)	(438227.69,3293664.24)
C20	42.18	47.00	S14° 34' 24.38"E	(438259.70,3293633.85)	(438270.92,3293590.68)
C21	34.48	27.27	S5° 18' 46.00"E	(438270.92,3293590.68)	(438273.38,3293564.23)
C22	26.40	61.94	N84° 48' 40.27"E	(438285.75,3293540.94)	(438334.23,3293545.35)

Station	Northing	Easting
1+320.00	3293995.60	438285.64
1+330.00	3293985.61	438285.22
1+340.00	3293975.61	438284.79
1+350.00	3293965.62	438284.36
1+360.00	3293955.63	438283.94
1+370.00	3293945.64	438283.51
1+380.00	3293935.65	438283.09
1+390.00	3293925.66	438282.66
1+400.00	3293915.67	438282.23
1+410.00	3293905.68	438281.81
1+420.00	3293895.74	438280.77
1+430.00	3293886.11	438278.13
1+440.00	3293877.03	438273.96
1+450.00	3293868.76	438268.35
1+460.00	3293861.49	438261.50
1+470.00	3293853.68	438255.30
1+480.00	3293844.66	438251.01
1+490.00	3293834.92	438248.88
1+500.00	3293825.06	438247.39

1+510.00	3293816.04	438243.15
1+520.00	3293808.69	438236.42
1+530.00	3293802.39	438228.66
1+540.00	3293796.10	438220.89
1+550.00	3293789.80	438213.12
1+560.00	3293783.50	438205.35
1+570.00	3293776.35	438198.43
1+580.00	3293767.30	438194.28
1+590.00	3293757.39	438193.42
1+600.00	3293747.68	438195.70
1+610.00	3293738.11	438198.60
1+620.00	3293728.54	438201.50
1+630.00	3293718.97	438204.40
1+640.00	3293709.40	438207.30
1+650.00	3293699.83	438210.20
1+660.00	3293690.25	438213.10
1+670.00	3293680.77	438216.25
1+680.00	3293672.01	438221.04
1+690.00	3293664.41	438227.51
1+700.00	3293657.52	438234.76

1+710.00	3293650.64	438242.02
1+720.00	3293643.75	438249.27
1+730.00	3293636.87	438256.52
1+740.00	3293629.72	438263.50
1+750.00	3293621.27	438268.80
1+760.00	3293611.81	438271.96
1+770.00	3293601.87	438272.82
1+780.00	3293592.01	438271.31
1+790.00	3293582.22	438269.40
1+800.00	3293572.30	438270.32
1+810.00	3293563.04	438274.01
1+820.00	3293554.21	438278.70
1+830.00	3293545.38	438283.39
1+840.00	3293536.79	438288.48

PI Station	Northing	Easting
1+436.21	3293879.49	438280.69
1+476.24	3293850.40	438249.64
1+506.91	3293818.03	438247.95
1+581.19	3293770.15	438188.89
1+677.84	3293673.18	438218.27
1+760.65	3293615.76	438278.75
1+795.77	3293576.95	438266.63

Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Easting(m)	Northing(m)	Elevation(m)
GPS2	437770.8593	3295060.1065	171.4186
GPS3	437770.7943	3295060.0960	171.4184

NOTES

1-ALL COORDINATES AND ELEVATIONS ARE IN METER.
2-ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3-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: MSL
4-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-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

5-BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.
6-RETAINING WALL SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.
7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001
8-THE EXACT LOCATION OF NEW CULVERT AND RETAINING WALL SHALL BE ADJUSTED AT SITE.

LEGEND

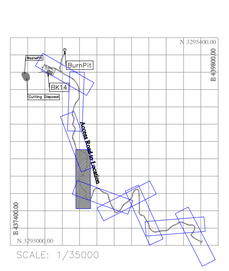
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
RETAINING WALL
ROAD WIDENING AREA
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT
OIL LINE
BURN PIT LINE
NEW BURN PIT LINE

REFERENCE DRAWING	DRG. No.
General Civil Layout -BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report - BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - BK14	BK-BK14-PEDCO-110-CV-MT-0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020
EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14 ACCESS ROAD PLAN AND PROFILE

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
1/1000	A1	BK-BK14-PEDCO-110-CV-DW-0001	24 OF 99	D05

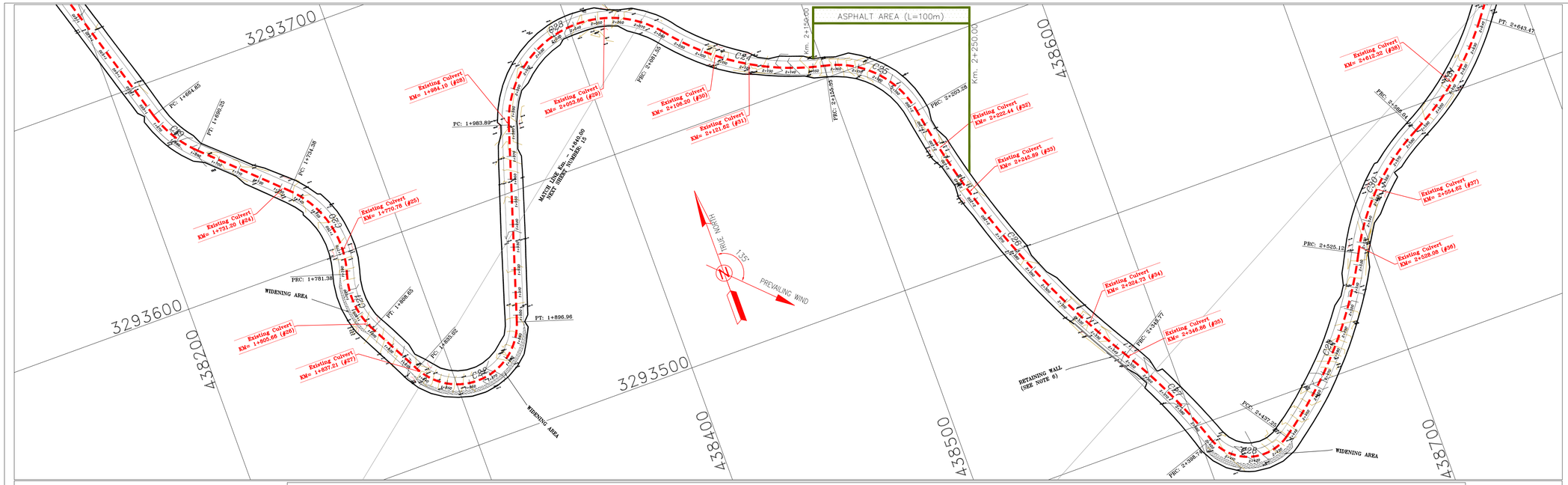
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

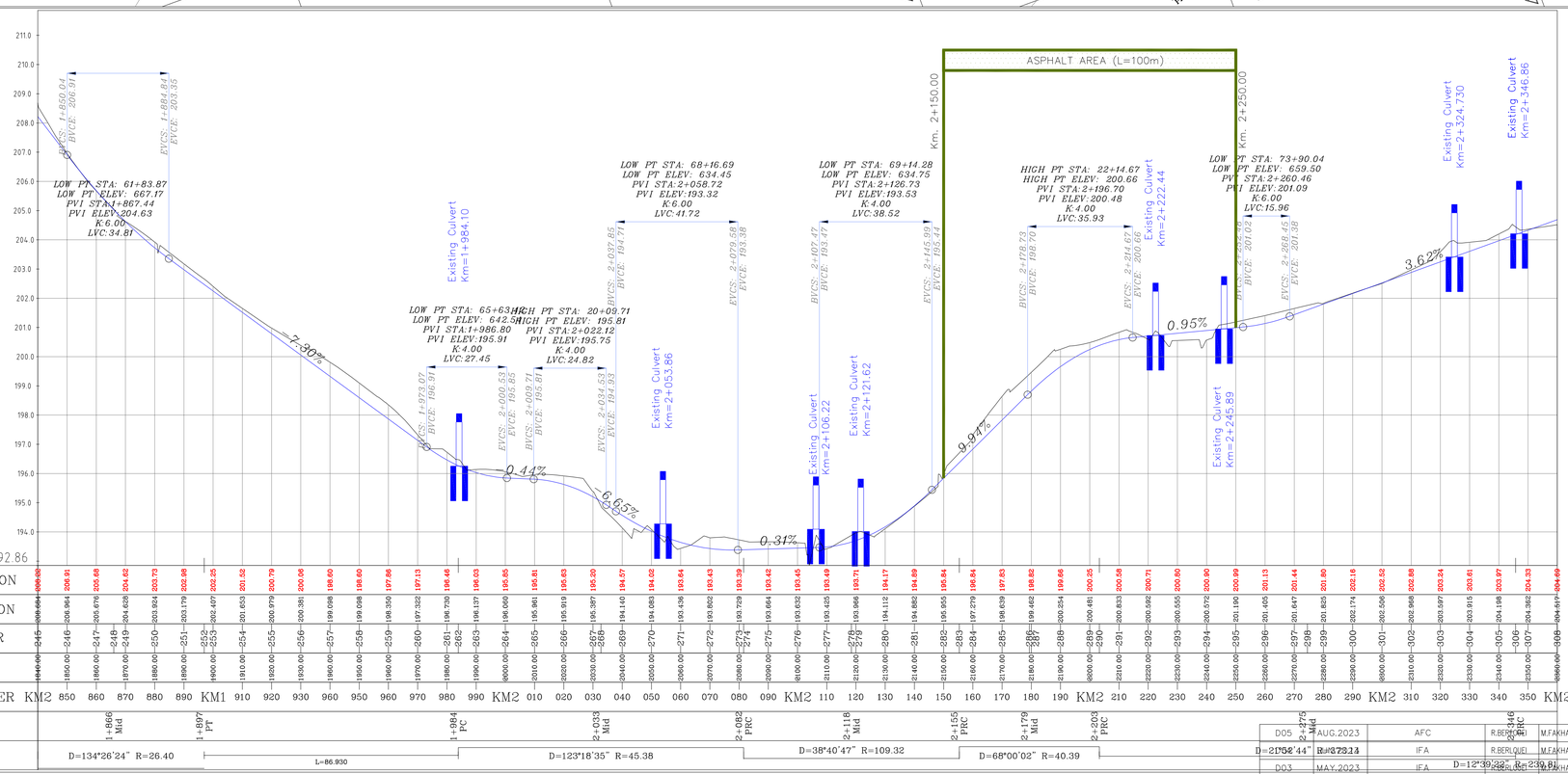
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

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	S	708209	24	D05





NOTES

1–ALL COORDINATES AND ELEVATIONS ARE IN METER.
2–ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3–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: MSL
4–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–GNRAL–PEDCO–000–CV–SP–0004".
– GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5–BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.
6–RETAINING WALL SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.
7–PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK–SSGRL–PEDCO–110–PI–DW–0001
8–THE EXACT LOCATION OF NEW CULVERT AND RETAINING WALL SHALL BE ADJUSTED AT SITE.

LEGEND

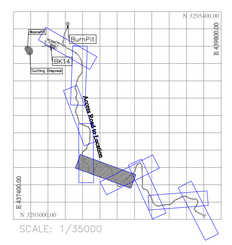
⊙	WELL LOCATION	→	CANAL
●	WELL	≈	RIVER
▭	SITE	◀	WATER COURSE
▭	CAMP SITE	60 / 50	CONTOURS
═	ASPHALT ROAD	99.27	SPOT HEIGHT
═	GRAVEL ROAD	△	BENCH MARK
- - -	PROPOSED ROAD	═	BRIDGE
~	DAYLIGHT	═	CULVERT
▨	RETAINING WALL	○–○	OIL LINE
▨	ROAD WIDENING AREA	○–○	BURN PIT LINE
		○–○	NEW BURN PIT LINE

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK–BK14–PEDCO–110–CV–PY–0001
Rough Grading Plan–BK14	BK–BK14–PEDCO–110–CV–PY–0003
Specification For Earth Work	BK–GNRAL–PEDCO–000–CV–SP–0004
Standard Drawing For Slope Protection Details	BK–GNRAL–PEDCO–000–CV–DW–0002
Geotechnical Investigation Report – BK14	BK–BK14–PEDCO–110–GT–RT–0001
Specification For Road & Paving	BK–GNRAL–PEDCO–000–CV–SP–0002
MTO For Civil Works – BK14	BK–BK14–PEDCO–110–CV–MT–0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



Curve Table: Alignments

Curve #	Radius	Length	Chord Direction	Start Point	End Point
C19	49.10	25.40	S31° 40' 16.49"E	(438214.50,3293685.61)	(438227.69,3293664.24)
C20	42.18	47.00	S14° 34' 24.38"E	(438259.70,3293633.85)	(438270.92,3293590.68)
C21	34.48	27.27	S5° 18' 46.00"E	(438270.92,3293590.68)	(438273.38,3293564.23)
C22	26.40	61.94	N84° 48' 40.27"E	(438334.23,3293545.35)	(438438.97,3293643.12)
C23	45.38	97.66	N79° 14' 45.54"E	(438360.50,3293628.21)	(438438.97,3293643.12)
C24	109.32	73.80	S58° 26' 20.63"E	(438438.97,3293643.12)	(438500.67,3293605.22)
C25	40.39	47.93	S43° 46' 43.16"E	(438500.67,3293605.22)	(438531.92,3293572.60)
C26	373.14	142.49	S20° 43' 04.02"E	(438531.92,3293572.60)	(438582.02,3293440.14)
C27	239.81	52.97	S25° 19' 44.88"E	(438582.02,3293440.14)	(438604.63,3293392.36)
C28	20.92	38.51	S71° 44' 47.10"E	(438604.63,3293392.36)	(438636.25,3293381.93)
C29	178.14	87.87	N41° 22' 36.08"E	(438636.25,3293381.93)	(438693.75,3293447.20)
C30	98.32	60.92	N44° 59' 38.16"E	(438693.75,3293447.20)	(438736.14,3293489.60)
C31	126.95	57.43	N49° 46' 57.67"E	(438736.14,3293489.60)	(438779.62,3293526.37)

Station	Northing	Easting
1+840.00	3293536.79	438288.48
1+850.00	3293530.35	438296.06
1+860.00	3293527.17	438305.48
1+870.00	3293527.70	438315.40
1+880.00	3293531.86	438324.43
1+890.00	3293539.06	438331.28
1+900.00	3293548.24	438335.15
1+910.00	3293557.78	438338.17
1+920.00	3293567.31	438341.19
1+930.00	3293576.84	438344.21
1+940.00	3293586.37	438347.23
1+950.00	3293595.91	438350.26
1+960.00	3293605.44	438353.28
1+970.00	3293614.97	438356.30
1+980.00	3293624.50	438359.32
1+990.00	3293633.89	438362.73
2+000.00	3293642.39	438367.96
2+010.00	3293649.54	438374.93
2+020.00	3293654.99	438383.28

2+030.00	3293658.49	438392.63
2+040.00	3293659.86	438402.52
2+050.00	3293659.03	438412.46
2+060.00	3293656.05	438421.99
2+070.00	3293651.06	438430.63
2+080.00	3293644.30	438437.97
2+090.00	3293636.77	438444.55
2+100.00	3293629.84	438451.76
2+110.00	3293623.61	438459.57
2+120.00	3293618.11	438467.92
2+130.00	3293613.40	438476.73
2+140.00	3293609.51	438485.94
2+150.00	3293606.48	438495.47
2+160.00	3293603.97	438505.14
2+170.00	3293599.61	438514.12
2+180.00	3293593.19	438521.75
2+190.00	3293585.09	438527.57
2+200.00	3293575.81	438531.23
2+210.00	3293566.00	438533.12
2+220.00	3293556.20	438535.12

2+230.00	3293546.46	438537.39
2+240.00	3293536.79	438539.92
2+250.00	3293527.18	438542.71
2+260.00	3293517.66	438545.75
2+270.00	3293508.22	438549.05
2+280.00	3293498.87	438552.60
2+290.00	3293489.62	438556.40
2+300.00	3293480.47	438560.44
2+310.00	3293471.44	438564.73
2+320.00	3293462.52	438569.26
2+330.00	3293453.73	438574.03
2+340.00	3293445.07	438579.03
2+350.00	3293436.52	438584.21
2+360.00	3293427.81	438589.12

PI Station	Northing	Easting
1+897.88	3293485.42	438315.23
2+068.01	3293708.39	438385.92
2+119.92	3293613.34	438463.17
2+182.59	3293599.45	438527.29
2+275.40	3293501.53	438544.17

Coordinate of Bench Marks (UTM–ZONE 39N)

NAME	Easting(m)	Northing(m)	Elevation(m)
GPS2	437770.8593	3295060.1065	171.4186
GPS3	437770.7943	3295060.0960	171.4184

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUL.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB–SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14 ACCESS ROAD PLAN AND PROFILE

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
1/1000	A1	BK–BK14–PEDCO–110–CV–DW–0001	25 OF 99	D05

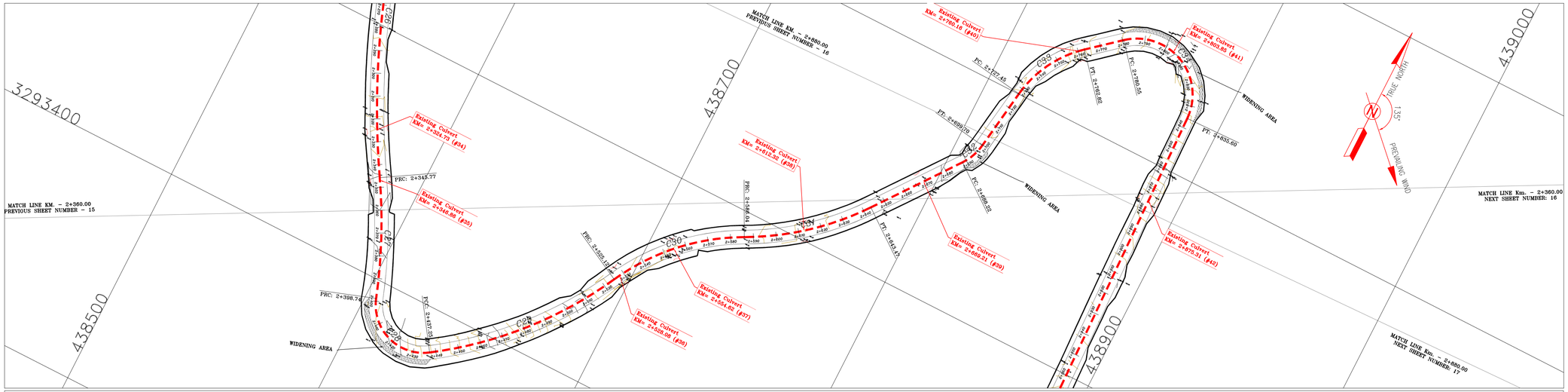
BINAK OILFIELD DEVELOPMENT
SUB–SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

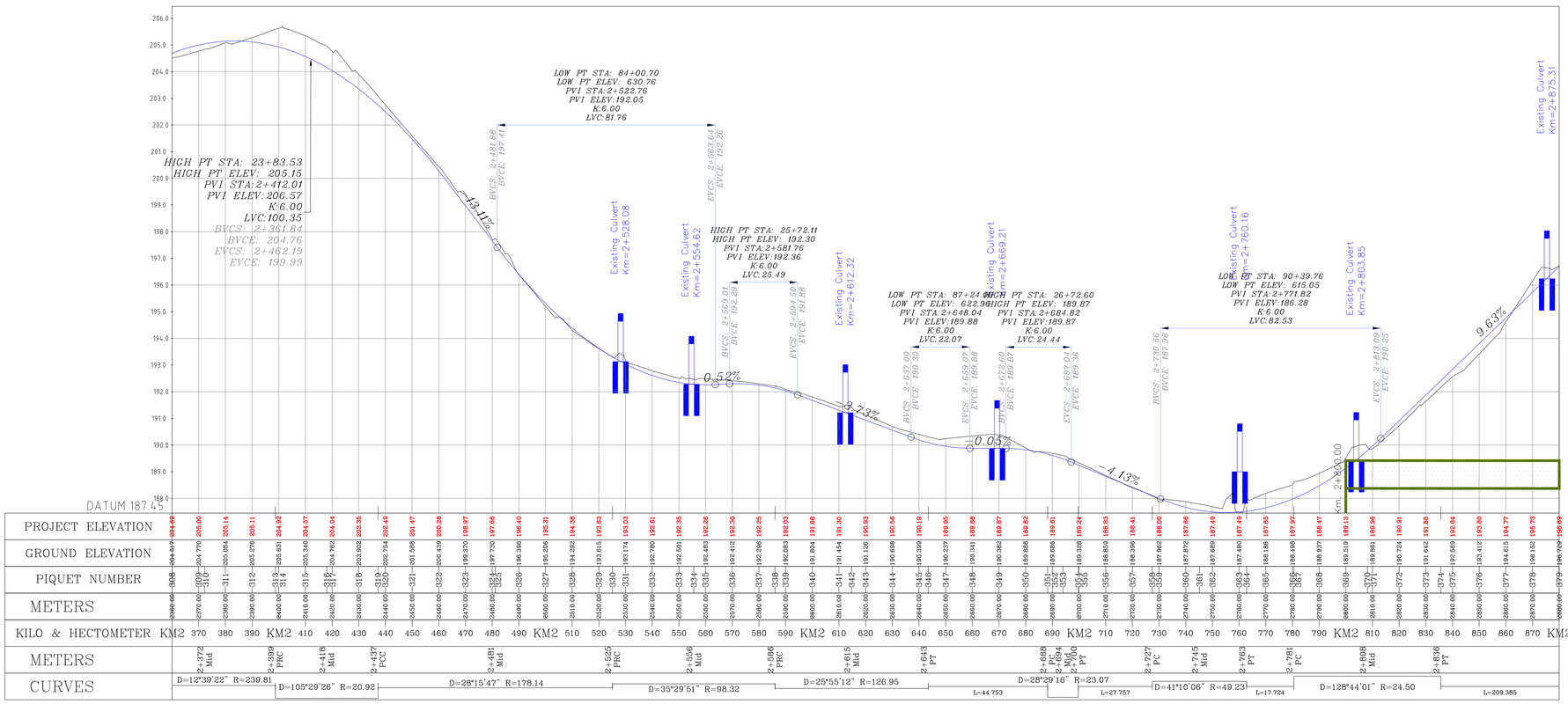
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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	S	708209	25	D05





NOTES

1–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: MSL
4–THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
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– "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
– PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK–GNRAL–PEDCO–000–CV–SP–0004".
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LEGEND

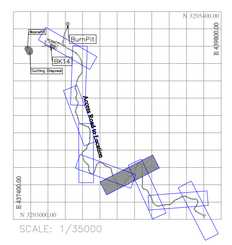
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
RETAINING WALL
ROAD WIDENING AREA
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT
OIL LINE
BURN PIT LINE
NEW BURN PIT LINE

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK–BK14–PEDCO–110–CV–PY–0001
Rough Grading Plan–BK14	BK–BK14–PEDCO–110–CV–PY–0003
Specification For Earth Work	BK–GNRAL–PEDCO–000–CV–SP–0004
Standard Drawing For Slope Protection Details	BK–GNRAL–PEDCO–000–CV–DW–0002
Geotechnical Investigation Report – BK14	BK–BK14–PEDCO–110–GT–RT–0001
Specification For Road & Paving	BK–GNRAL–PEDCO–000–CV–SP–0002
MTO For Civil Works – BK14	BK–BK14–PEDCO–110–CV–MT–0001

ABBREVIATION

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BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



SCALE: 1/35000

Curve Table: Alignments

Curve #	Radius	Length	Chord Direction	Start Point	End Point
C26	373.14	142.49	S20° 43' 04.02"E	(438531.92,3293572.60)	(438582.02,3293440.14)
C27	239.81	52.97	S25° 19' 44.88"E	(438582.02,3293440.14)	(438604.63,3293392.36)
C28	20.92	38.51	S71° 44' 47.10"E	(438604.63,3293392.36)	(438636.25,3293381.93)
C29	178.14	87.87	N41° 22' 36.08"E	(438636.25,3293381.93)	(438693.75,3293447.20)
C30	98.32	60.92	N44° 59' 38.16"E	(438693.75,3293447.20)	(438736.14,3293489.60)
C31	126.95	57.43	N49° 46' 57.67"E	(438736.14,3293489.60)	(438779.62,3293526.37)
C32	23.07	11.47	N22° 34' 43.64"E	(438806.44,3293562.19)	(438810.80,3293572.67)
C33	49.23	35.37	N28° 55' 08.79"E	(438814.82,3293600.14)	(438831.56,3293630.44)
C34	24.50	55.05	S66° 07' 47.91"E	(438845.04,3293641.95)	(438885.44,3293624.07)

Station	Northing	Easting
2+360.00	3293427.81	438589.12
2+370.00	3293418.91	438593.67
2+380.00	3293409.82	438597.85
2+390.00	3293400.57	438601.64
2+400.00	3293391.18	438605.08
2+410.00	3293383.18	438610.92
2+420.00	3293378.77	438619.79
2+430.00	3293378.93	438629.70
2+440.00	3293383.51	438638.51
2+450.00	3293389.52	438646.50
2+460.00	3293395.98	438654.13
2+470.00	3293402.85	438661.40
2+480.00	3293410.12	438668.26
2+490.00	3293417.76	438674.71
2+500.00	3293425.75	438680.72
2+510.00	3293434.07	438686.27
2+520.00	3293442.68	438691.34
2+530.00	3293451.48	438696.09
2+540.00	3293459.87	438701.54

2+550.00	3293467.65	438707.80	
2+560.00	3293474.76	438714.83	
2+570.00	3293481.12	438722.54	
2+580.00	3293486.67	438730.86	
2+590.00	3293491.47	438739.63	
2+600.00	3293496.66	438748.17	
2+610.00	3293502.51	438756.28	
2+620.00	3293508.98	438763.90	
2+630.00	3293516.03	438770.99	
2+640.00	3293523.61	438777.50	
2+650.00	3293531.59	438783.53	
2+660.00	3293539.60	438789.53	
2+670.00	3293547.60	438795.52	
2+680.00	3293555.61	438801.51	
2+690.00	3293563.65	438807.45	
2+700.00	3293572.97	438810.85	
2+710.00	3293582.87	438812.29	
2+720.00	3293592.76	438813.74	
2+730.00	3293602.65	438815.26	
2+740.00	3293612.19	438818.20	

2+750.00	3293620.94	438823.00	
2+760.00	3293628.54	438829.47	
2+770.00	3293635.10	438837.02	
2+780.00	3293641.59	438844.63	
2+790.00	3293646.56	438853.22	
2+800.00	3293647.72	438863.08	
2+810.00	3293644.87	438872.60	
2+820.00	3293638.48	438880.20	
2+830.00	3293629.59	438884.63	
2+840.00	3293619.67	438885.58	
2+850.00	3293609.67	438885.88	
2+860.00	3293599.68	438886.19	
2+870.00	3293589.68	438886.50	
2+880.00	3293579.68	438886.81	

Pt Station	Northing	Easting
2+372.36	3293417.51	438595.97
2+426.24	3293366.36	438613.59
2+482.30	3293407.33	438673.22
2+556.60	3293475.18	438708.16
2+615.26	3293502.98	438762.11
2+694.08	3293566.88	438809.95
2+745.94	3293618.43	438817.50
2+833.61	3293675.10	438883.87

Coordinate of Bench Marks (UTM–ZONE 39N)

NAME	Easting(m)	Northing(m)	Elevation(m)
GPS2	437770.8593	3295060.1065	171.4186
GPS3	437770.7943	3295060.0960	171.4184

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB–SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020
EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14 ACCESS ROAD PLAN AND PROFILE

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
1/1000	A1	BK–BK14–PEDCO–110–CV–DW–0001	26 OF 99	D05

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

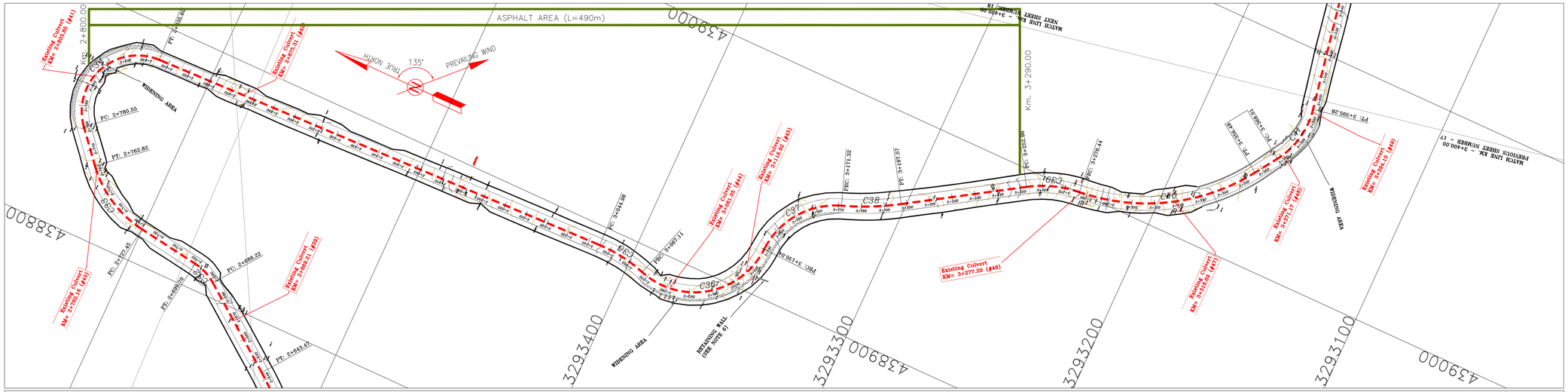
BINAK OILFIELD DEVELOPMENT
SUB–SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

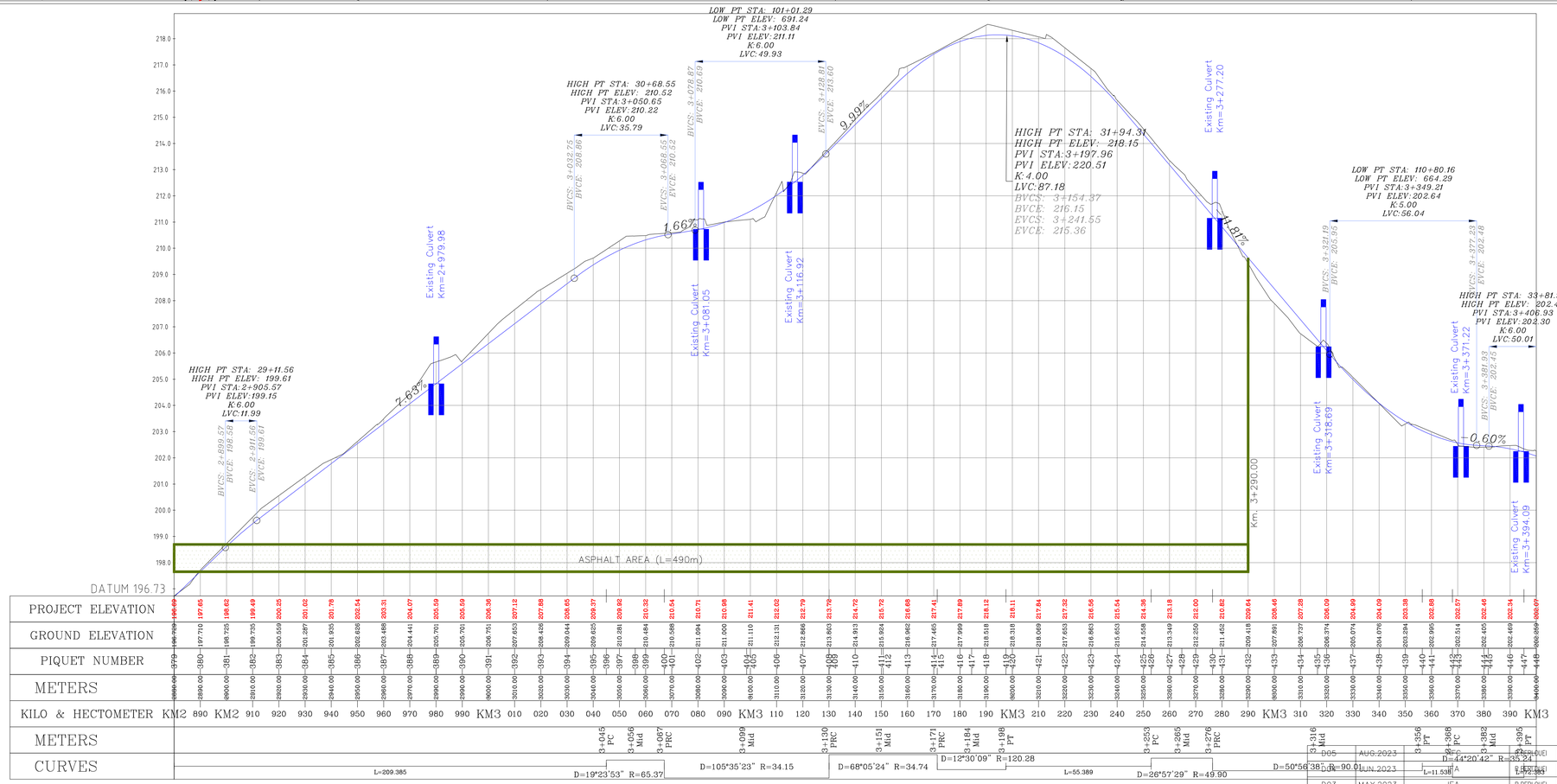
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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	S	708209	26	D05





NOTES

1–ALL COORDINATES AND ELEVATIONS ARE IN METER.
2–ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3–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: MSL
4–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–GNRAL–PEDCO–000–CV–SP–0004".
– GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5–BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.
6–RETAINING WALL SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.
7–PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK–SSGRL–PEDCO–110–PI–DW–0001
8–THE EXACT LOCATION OF NEW CULVERT AND RETAINING WALL SHALL BE ADJUSTED AT SITE.

LEGEND

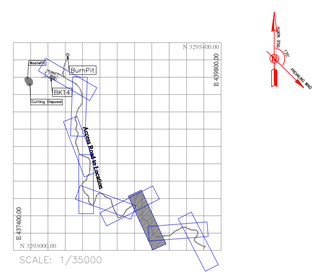
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
RETAINING WALL
ROAD WIDENING AREA
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT
OIL LINE
BURN PIT LINE
NEW BURN PIT LINE

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK–BK14–PEDCO–110–CV–PY–0001
Rough Grading Plan–BK14	BK–BK14–PEDCO–110–CV–PY–0003
Specification For Earth Work	BK–GNRAL–PEDCO–000–CV–SP–0004
Standard Drawing For Slope Protection Details	BK–GNRAL–PEDCO–000–CV–DW–0002
Geotechnical Investigation Report – BK14	BK–BK14–PEDCO–110–GT–RT–0001
Specification For Road & Paving	BK–GNRAL–PEDCO–000–CV–SP–0002
MTO For Civil Works – BK14	BK–BK14–PEDCO–110–CV–MT–0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



SCALE: 1/35000

Curve Table: Alignments

Curve #	Radius	Length	Chord Direction	Start Point	End Point
C32	23.07	11.47	N22° 34' 43.64"E	(438806.44,3293562.19)	(438810.80,3293572.67)
C33	49.23	35.37	N28° 55' 08.79"E	(438814.82,3293600.14)	(438831.56,3293630.44)
C34	24.50	55.05	S66° 07' 47.91"E	(438845.04,3293641.95)	(438885.44,3293624.07)
C35	65.37	22.13	S7° 56' 08.79"W	(438891.88,3293414.78)	(438888.84,3293392.97)
C36	34.15	62.93	S35° 09' 36.23"E	(438888.84,3293392.97)	(438920.17,3293348.50)
C37	34.74	41.28	S53° 54' 35.73"E	(438920.17,3293348.50)	(438951.60,3293325.59)
C38	120.28	26.25	S26° 06' 58.48"E	(438951.60,3293325.59)	(438963.13,3293302.07)
C39	49.90	23.48	S18° 53' 18.63"E	(438992.78,3293255.28)	(439000.31,3293233.27)
C40	90.01	80.04	S30° 52' 53.39"E	(439000.31,3293233.27)	(439040.05,3293166.82)
C41	35.24	27.27	S78° 31' 33.58"E	(439049.66,3293160.43)	(439075.72,3293155.14)

Station	Northing	Easting
2+880.00	3293579.68	438886.81
2+890.00	3293569.69	438887.11
2+900.00	3293559.69	438887.42
2+910.00	3293549.70	438887.73
2+920.00	3293539.70	438888.04
2+930.00	3293529.71	438888.35
2+940.00	3293519.71	438888.65
2+950.00	3293509.72	438888.96
2+960.00	3293499.72	438889.27
2+970.00	3293489.73	438889.58
2+980.00	3293479.73	438889.88
2+990.00	3293469.74	438890.19
3+000.00	3293459.74	438890.50
3+010.00	3293449.75	438890.81
3+020.00	3293439.75	438891.11
3+030.00	3293429.76	438891.42
3+040.00	3293419.76	438891.73
3+050.00	3293409.76	438891.85
3+060.00	3293399.85	438890.62

3+070.00	3293390.18	438888.08
3+080.00	3293380.25	438887.32
3+090.00	3293370.51	438889.46
3+100.00	3293361.81	438894.31
3+110.00	3293354.88	438901.47
3+120.00	3293350.32	438910.33
3+130.00	3293348.50	438920.13
3+140.00	3293346.73	438929.93
3+150.00	3293342.25	438938.83
3+160.00	3293335.43	438946.10
3+170.00	3293326.82	438951.12
3+180.00	3293317.54	438954.84
3+190.00	3293308.58	438959.28
3+200.00	3293300.01	438964.43
3+210.00	3293291.57	438969.78
3+220.00	3293283.12	438975.14
3+230.00	3293274.67	438980.49
3+240.00	3293266.23	438985.84
3+250.00	3293257.78	438991.20
3+260.00	3293249.09	438996.12

3+270.00	3293239.62	438999.29
3+280.00	3293229.73	439000.72
3+290.00	3293219.92	439002.60
3+300.00	3293210.37	439005.56
3+310.00	3293201.21	439009.56
3+320.00	3293192.55	439014.55
3+330.00	3293184.50	439020.47
3+340.00	3293177.15	439027.25
3+350.00	3293170.60	439034.79
3+360.00	3293164.87	439042.99
3+370.00	3293159.38	439051.34
3+380.00	3293155.60	439060.56
3+390.00	3293154.55	439070.47
3+400.00	3293156.01	439080.35

PI Station	Northing	Easting
3+056.15	3293403.62	438892.23
3+112.09	3293350.10	438875.22
3+153.51	3293347.66	438943.62
3+184.50	3293313.19	438956.08
3+264.92	3293245.18	438999.18
3+319.32	3293190.58	439004.36
3+382.37	3293152.47	439061.61

Coordinate of Bench Marks (UTM–ZONE 39N)

NAME	Easting(m)	Northing(m)	Elevation(m)
GPS2	437770.8593	3295060.1065	171.4186
GPS3	437770.7943	3295060.0960	171.4184

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB–SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14
ACCESS ROAD PLAN AND PROFILE

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
1/1000	A1	BK–BK14–PEDCO–110–CV–DW–0001	27 OF 99	D05

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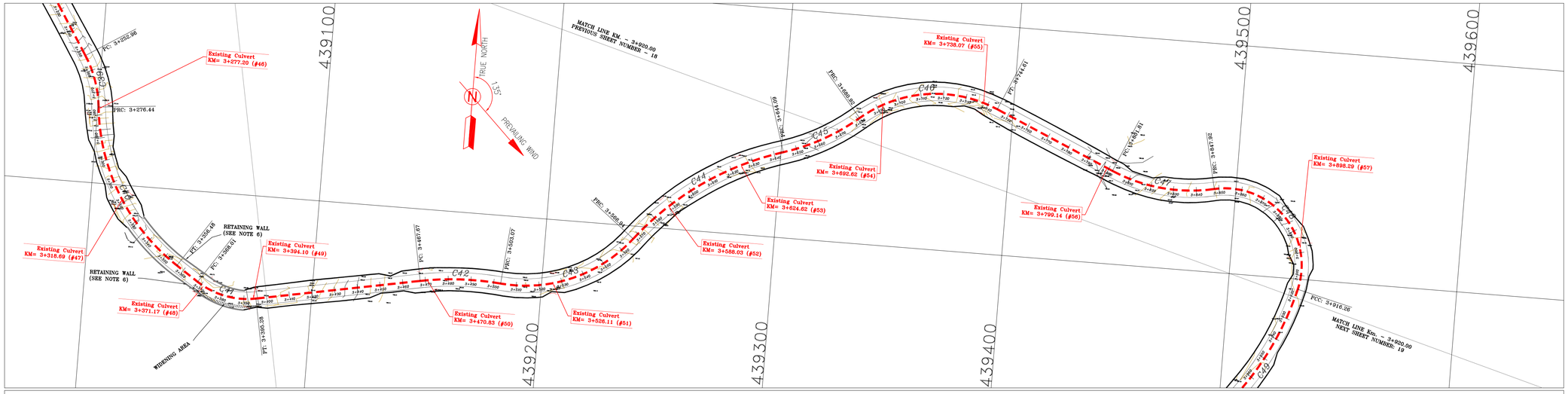
BINAK OILFIELD DEVELOPMENT
SUB–SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

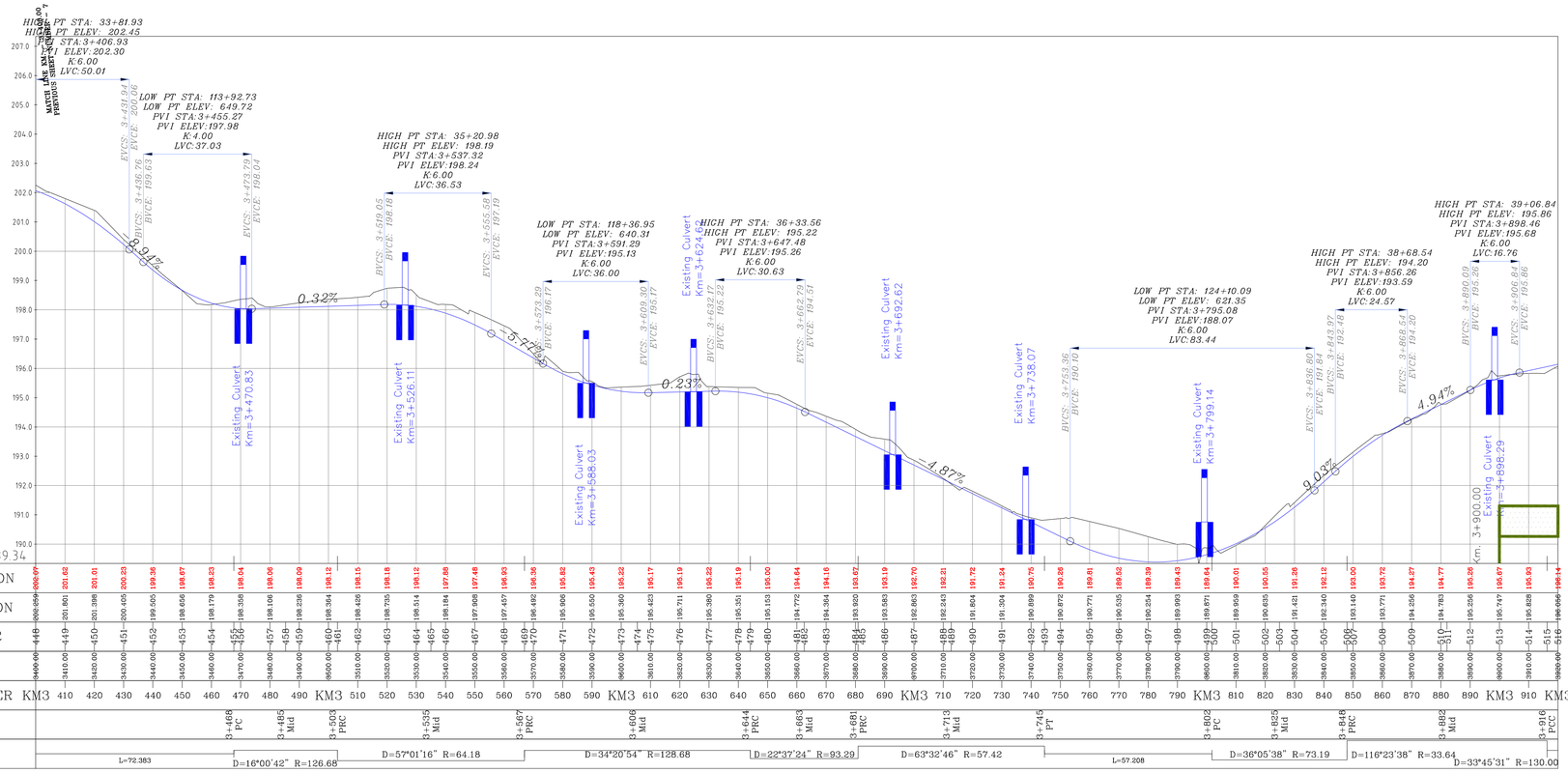
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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	S	708209	27	D05





NOTES

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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: MSL
4–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–GNRAL–PEDCO–000–CV–SP–0004".
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8–THE EXACT LOCATION OF NEW CULVERT AND RETAINING WALL SHALL BE ADJUSTED AT SITE.

LEGEND

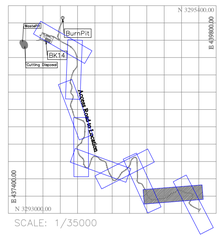
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
RETAINING WALL
ROAD WIDENING AREA
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT
OIL LINE
BURN PIT LINE
NEW BURN PIT LINE

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK–BK14–PEDCO–110–CV–PY–0001
Rough Grading Plan–BK14	BK–BK14–PEDCO–110–CV–PY–0003
Specification For Earth Work	BK–GNRAL–PEDCO–000–CV–SP–0004
Standard Drawing For Slope Protection Details	BK–GNRAL–PEDCO–000–CV–DW–0002
Geotechnical Investigation Report – BK14	BK–BK14–PEDCO–110–GT–RT–0001
Specification For Road & Paving	BK–GNRAL–PEDCO–000–CV–SP–0002
MTO For Civil Works – BK14	BK–BK14–PEDCO–110–CV–MT–0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



Curve Table: Alignments

Curve #	Radius	Length	Chord Direction	Start Point	End Point
C39	49.90	23.48	S18° 53' 18.63"E	(438992.78,3293255.28)	(439000.31,3293233.27)
C40	90.01	80.04	S30° 52' 53.39"E	(439000.31,3293233.27)	(439040.05,3293166.82)
C41	35.24	27.27	S78° 31' 33.58"E	(439049.66,3293160.43)	(439075.72,3293155.14)
C42	126.68	35.40	N87° 18' 26.27"E	(439182.09,3293170.23)	(439182.09,3293170.23)
C43	64.18	63.88	N66° 48' 08.86"E	(439182.09,3293170.23)	(439238.41,3293194.37)
C44	128.68	77.14	N55° 27' 57.77"E	(439238.41,3293194.37)	(439301.02,3293237.45)
C45	93.29	36.83	N61° 19' 42.70"E	(439301.02,3293237.45)	(439333.12,3293255.01)

Station	Northing	Easting
3+400.00	3293156.01	439080.35
3+410.00	3293157.87	439090.18
3+420.00	3293159.73	439100.01
3+430.00	3293161.58	439109.83
3+440.00	3293163.44	439119.66
3+450.00	3293165.30	439129.49
3+460.00	3293167.15	439139.31
3+470.00	3293168.99	439149.14
3+480.00	3293170.27	439159.06
3+490.00	3293170.77	439169.04
3+500.00	3293170.48	439179.03
3+510.00	3293169.97	439189.02
3+520.00	3293170.89	439198.96
3+530.00	3293173.36	439208.64
3+540.00	3293177.29	439217.83
3+550.00	3293182.60	439226.29
3+560.00	3293189.16	439233.82
3+570.00	3293196.74	439240.33

3+580.00	3293204.19	439247.01
3+590.00	3293211.09	439254.24
3+600.00	3293217.41	439261.98
3+610.00	3293223.11	439270.20
3+620.00	3293228.16	439278.83
3+630.00	3293232.52	439287.82
3+640.00	3293236.17	439297.13
3+650.00	3293239.39	439306.60
3+660.00	3293243.47	439315.72
3+670.00	3293248.49	439324.36
3+680.00	3293254.42	439332.41
3+690.00	3293260.27	439340.51
3+700.00	3293264.64	439349.49
3+710.00	3293267.38	439359.09
3+720.00	3293268.42	439369.03
3+730.00	3293267.73	439378.99
3+740.00	3293265.31	439388.68
3+750.00	3293261.49	439397.92
3+760.00	3293257.49	439407.08

3+770.00	3293253.49	439416.25
3+780.00	3293249.49	439425.42
3+790.00	3293245.50	439434.58
3+800.00	3293241.50	439443.75
3+810.00	3293237.93	439453.08
3+820.00	3293235.64	439462.81
3+830.00	3293234.70	439472.76
3+840.00	3293235.12	439482.74
3+850.00	3293236.80	439492.59
3+860.00	3293236.89	439502.55
3+870.00	3293234.05	439512.10
3+880.00	3293228.53	439520.40
3+890.00	3293220.83	439526.72
3+900.00	3293211.62	439530.51
3+910.00	3293201.70	439531.43
3+920.00	3293191.90	439529.56

PI Station	Northing	Easting
3+485.48	3293171.88	439164.35
3+537.93	3293167.01	439216.81
3+606.72	3293225.58	439263.06
3+662.75	3293243.02	439318.83
3+716.49	3293277.86	439360.37
3+825.66	3293231.24	439467.27
3+902.17	3293248.18	439543.50

Coordinate of Bench Marks (UTM–ZONE 39N)

NAME	Easting(m)	Northing(m)	Elevation(m)
GPS2	437770.8593	3295060.1065	171.4186
GPS3	437770.7943	3295060.0960	171.4184

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB–SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020
EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY — PEDCO
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14 ACCESS ROAD PLAN AND PROFILE

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
1/1000	A1	BK–BK14–PEDCO–110–CV–DW–0001	28 OF 99	D05

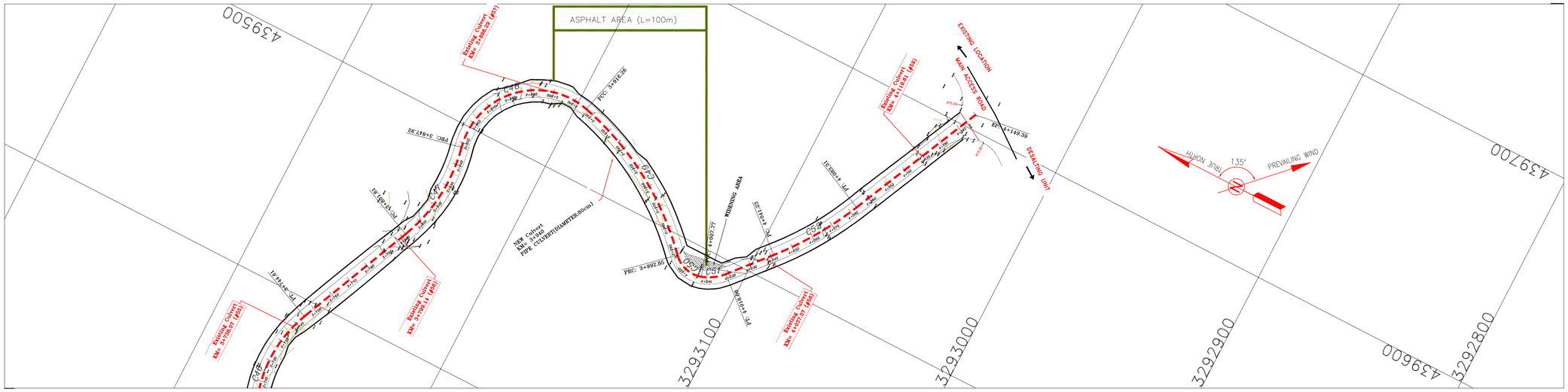
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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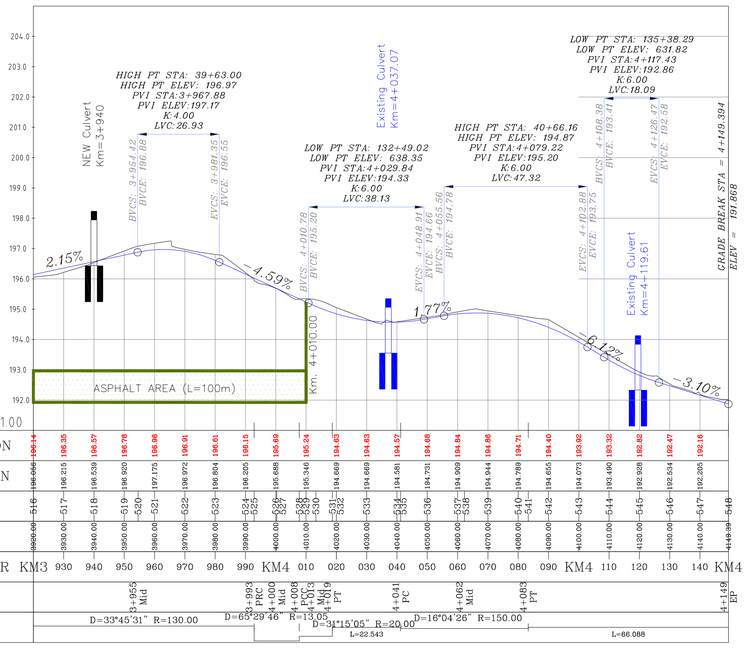
BINAK OILFIELD DEVELOPMENT
SUB–SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

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	S	708209	28	D05





NOTES

1–ALL COORDINATES AND ELEVATIONS ARE IN METER.
2–ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3–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: MSL
4–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–GNRAL–PEDCO–000–CV–SP–0004".
– GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5–BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.
6–RETAINING WALL SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.
7–PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK–SSGRL–PEDCO–110–PI–DW–0001
8–THE EXACT LOCATION OF NEW CULVERT AND RETAINING WALL SHALL BE ADJUSTED AT SITE.

LEGEND

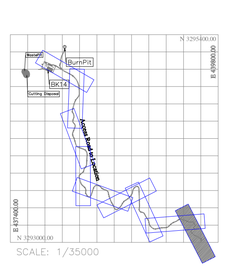
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
RETAINING WALL
ROAD WIDENING AREA
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT
OIL LINE
BURN PIT LINE
NEW BURN PIT LINE

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK–BK14–PEDCO–110–CV–PY–0001
Rough Grading Plan–BK14	BK–BK14–PEDCO–110–CV–PY–0003
Specification For Earth Work	BK–GNRAL–PEDCO–000–CV–SP–0004
Standard Drawing For Slope Protection Details	BK–GNRAL–PEDCO–000–CV–DW–0002
Geotechnical Investigation Report – BK14	BK–BK14–PEDCO–110–GT–RT–0001
Specification For Road & Paving	BK–GNRAL–PEDCO–000–CV–SP–0002
MTO For Civil Works – BK14	BK–BK14–PEDCO–110–CV–MT–0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



Curve Table: Alignments

Curve #	Radius	Length	Chord Direction	Start Point	End Point
C46	57.42	63.68	N81° 47' 23.60"E	(439333.12,3293255.01)	(439392.97,3293263.64)
C47	73.19	46.11	S84° 29' 02.42"E	(439445.41,3293240.77)	(439490.55,3293236.41)
C48	33.64	68.33	S44° 20' 02.31"E	(439490.55,3293236.41)	(439530.51,3293195.52)
C49	130.00	76.60	S30° 44' 32.20"W	(439530.51,3293195.52)	(439491.92,3293130.64)
C50	13.05	14.92	S14° 52' 24.31"W	(439491.92,3293130.64)	(439488.29,3293116.99)
C51	20.00	10.91	S33° 30' 01.16"E	(439488.29,3293116.99)	(439494.24,3293108.00)
C52	150.00	42.08	S57° 09' 46.39"E	(439511.28,3293093.25)	(439546.52,3293070.51)

Station	Northing	Easting
3+920.00	3293191.90	439529.56
3+930.00	3293182.37	439526.51
3+940.00	3293173.11	439522.75
3+950.00	3293164.17	439518.28
3+960.00	3293155.59	439513.14
3+970.00	3293147.44	439507.36
3+980.00	3293139.75	439500.97
3+990.00	3293132.58	439494.00
4+000.00	3293124.64	439488.18
4+010.00	3293114.91	439489.09
4+020.00	3293107.14	439495.23
4+030.00	3293100.59	439502.80
4+040.00	3293094.05	439510.36
4+050.00	3293087.70	439518.08
4+060.00	3293081.88	439526.21
4+070.00	3293076.61	439534.71
4+080.00	3293071.93	439543.54
4+090.00	3293067.70	439552.60
4+100.00	3293063.50	439561.68
4+110.00	3293059.31	439570.76
4+120.00	3293055.11	439579.83
4+130.00	3293050.92	439588.91
4+140.00	3293046.72	439597.99
4+149.39	3293042.79	439606.51

PI Station	Northing	Easting
3+955.70	3293157.22	439521.05
4+001.25	3293124.98	439485.71
4+013.37	3293111.66	439490.01
4+062.40	3293079.39	439527.30
4+149.39	3293042.78	439606.52

Coordinate of Bench Marks (UTM–ZONE 39N)

NAME	Easting(m)	Northing(m)	Elevation(m)
GPS2	437770.8593	3295060.1065	171.4186
GPS3	437770.7943	3295060.0960	171.4184

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB–SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR (GC): PEDCO — PETROIRAN DEVELOPMENT COMPANY

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14 ACCESS ROAD PLAN AND PROFILE

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
1/1000	A1	BK–BK14–PEDCO–110–CV–DW–0001	29 OF 99	D05

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

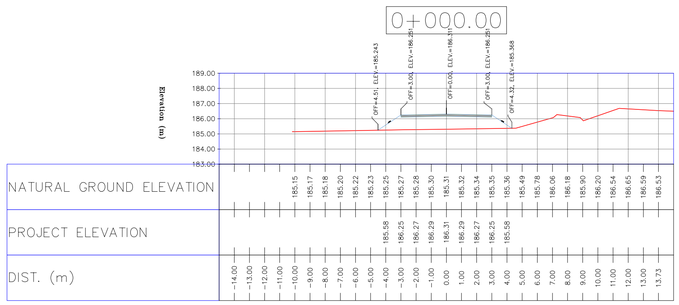
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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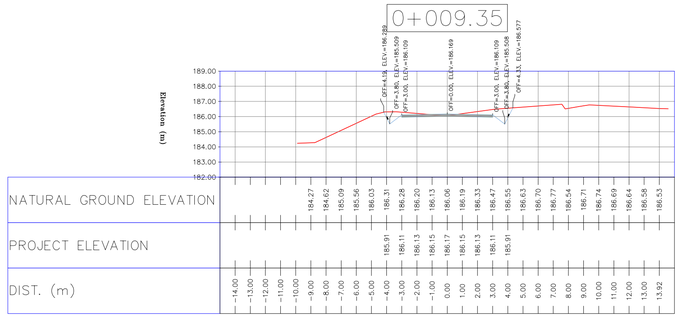
BINAK OILFIELD DEVELOPMENT
SUB–SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

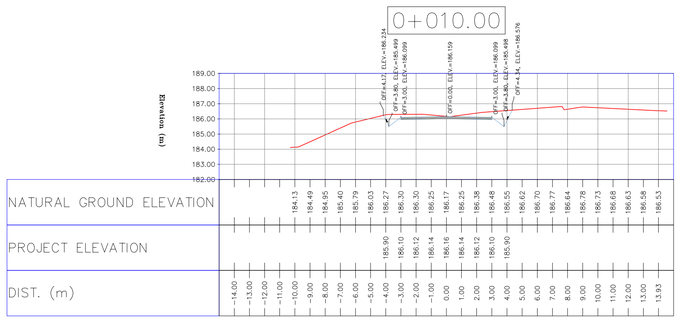
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

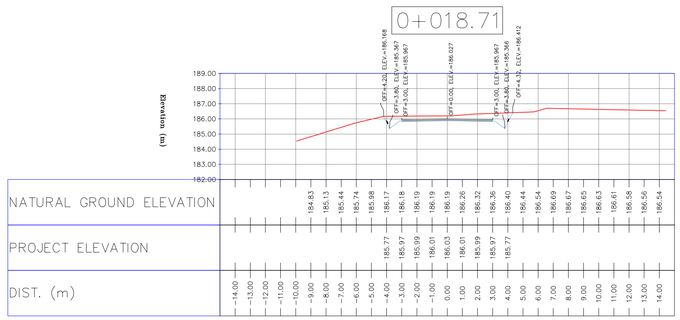
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APPROVED FOR CONSTRUCTION BY: DATE:

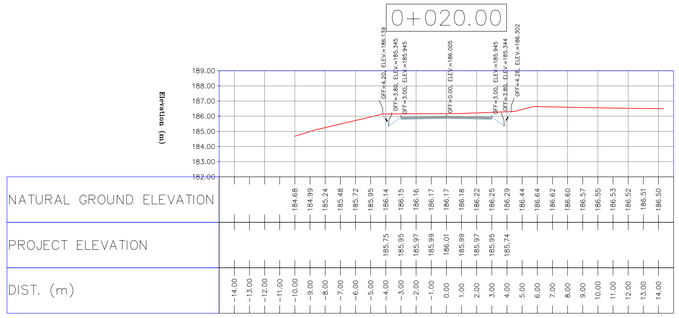
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053–073–9184	F	4	S	708209	29	D05

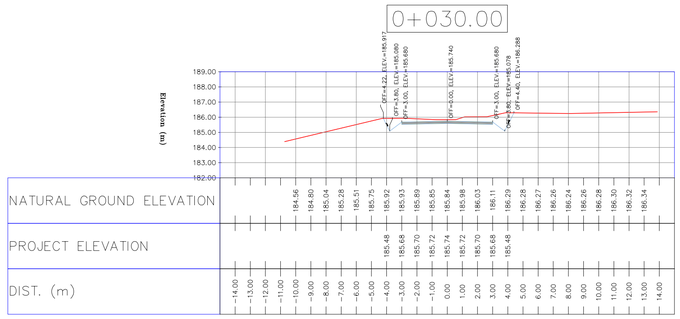




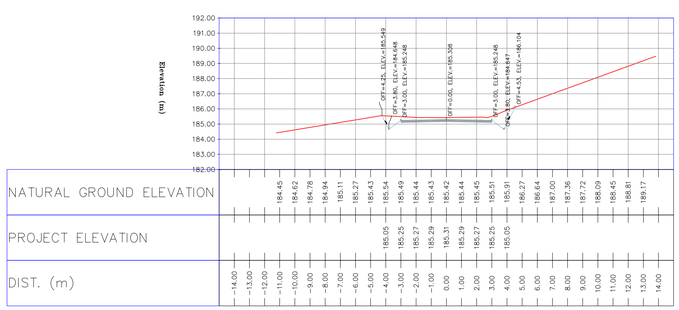




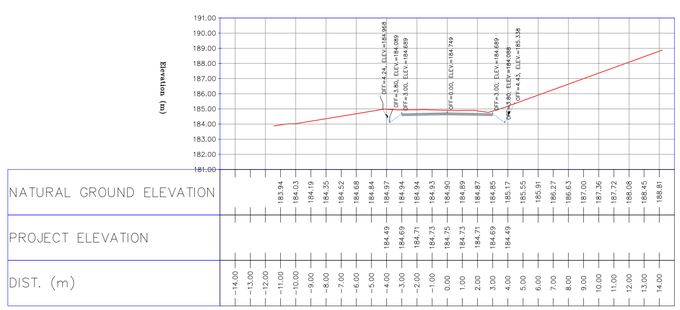




0+040.00



0+050.00



NOTES

1-ALL COORDINATES AND ELEVATIONS ARE IN METER.

2-ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.

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MAP PROJECTION:	UNIVERSAL TRANSVERSE MERCATOR (UTM)
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LEGEND

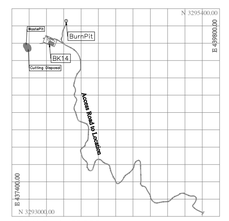
WELL LOCATION		CANAL	
WELL		RIVER	
SITE		WATER COURSE	
CAMP SITE	60 / 50	CONTOURS	
ASPHALT ROAD	99.27	SPOT HEIGHT	
GRAVEL ROAD		BENCH MARK	
PROPOSED ROAD		BRIDGE	
DAYLIGHT		CULVERT	

REFERENCE DRAWING	DRG. No.
General Civil Layout -BK14	BK-BK14-PEDCO-110-CV-PY-0001
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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
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D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	30 OF 99	D05

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
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

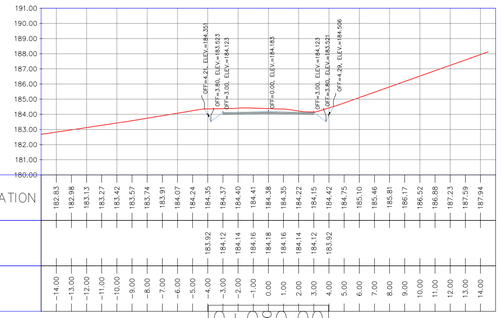
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

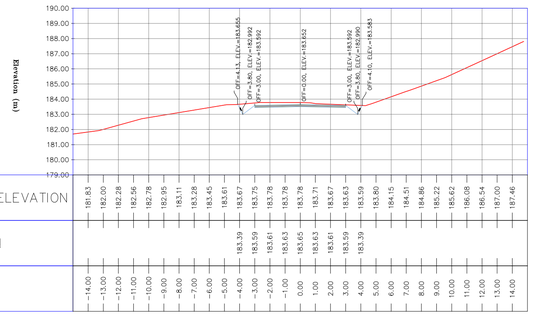
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	30	D05

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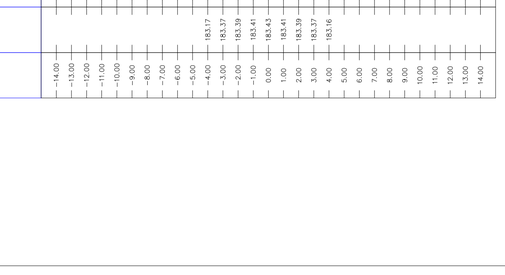
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PROJECT ELEVATION											183.92	184.12	184.14	184.16	184.18	184.16	184.14	184.12	183.92										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+070.00



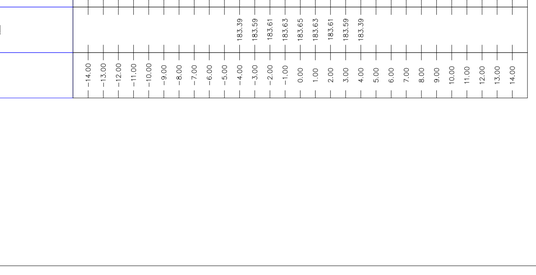
NATURAL GROUND ELEVATION	181.83	182.00	182.28	182.56	182.78	182.95	183.11	183.28	183.45	183.61	183.67	183.75	183.78	183.78	183.78	183.71	183.67	183.63	183.59	183.60	184.15	184.51	184.86	185.22	185.62	186.08	186.54	187.00	187.46
PROJECT ELEVATION											183.39	183.59	183.61	183.63	183.65	183.63	183.61	183.59	183.39										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+080.00



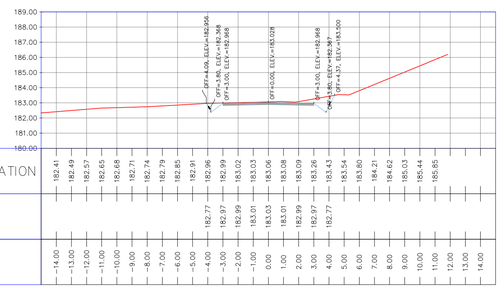
NATURAL GROUND ELEVATION	181.79	181.84	181.90	181.87	181.83	181.91	182.20	182.46	182.59	182.83	183.08	183.22	183.32	183.34	183.34	183.32	183.31	183.35	183.40	183.42	183.48	183.94	184.40	184.86	185.32	185.78	186.24	186.65	187.06	187.47
PROJECT ELEVATION											183.02	183.22	183.24	183.26	183.28	183.26	183.24	183.22	183.02											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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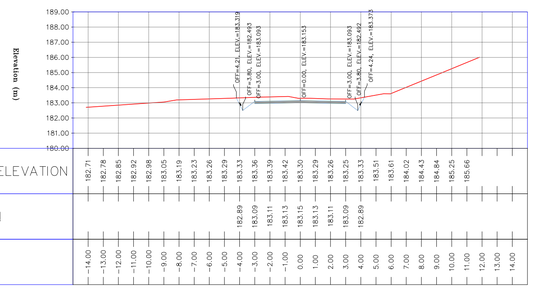
NATURAL GROUND ELEVATION	182.24	182.24	182.21	182.28	182.39	182.43	182.45	182.46	182.47	182.59	183.00	183.11	183.09	183.06	183.09	183.15	183.22	183.32	183.46	183.58	183.99	184.40	184.81	185.22	185.63	186.04	186.45			
PROJECT ELEVATION											182.81	183.01	183.03	183.05	183.07	183.05	183.03	183.01	182.81											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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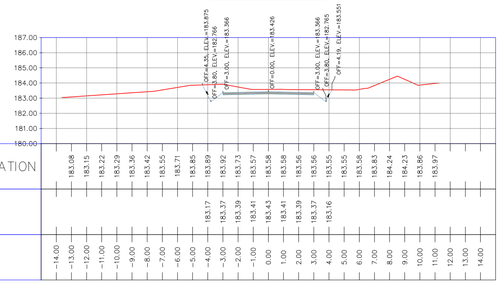
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PROJECT ELEVATION											182.77	182.97	182.99	183.01	183.03	183.01	182.99	182.97	182.77										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+110.00



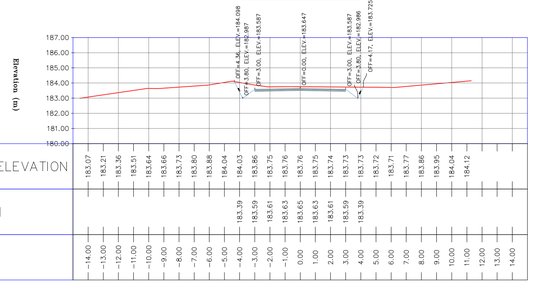
NATURAL GROUND ELEVATION	182.71	182.78	182.85	182.92	182.98	183.05	183.19	183.23	183.26	183.29	183.33	183.36	183.39	183.42	183.30	183.29	183.26	183.25	183.33	183.51	183.61	184.02	184.43	184.84	185.25	185.66			
PROJECT ELEVATION											182.89	183.09	183.11	183.13	183.15	183.13	183.11	183.09	182.89										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+120.00



NATURAL GROUND ELEVATION	183.08	183.15	183.22	183.29	183.36	183.42	183.55	183.71	183.85	183.89	183.92	183.92	183.73	183.57	183.58	183.58	183.56	183.56	183.55	183.55	183.58	183.83	184.24	184.23	183.86	183.97			
PROJECT ELEVATION											183.17	183.37	183.39	183.41	183.43	183.41	183.39	183.37	183.16										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+130.00



NATURAL GROUND ELEVATION	183.07	183.21	183.36	183.51	183.64	183.66	183.73	183.80	183.88	184.04	184.03	183.86	183.75	183.76	183.76	183.75	183.74	183.73	183.73	183.72	183.71	183.77	183.86	183.95	184.04	184.12			
PROJECT ELEVATION											183.39	183.59	183.61	183.63	183.65	183.63	183.61	183.59	183.39										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

NOTES

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ELLIPSOID :	WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION:	UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM:	MSL

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LEGEND

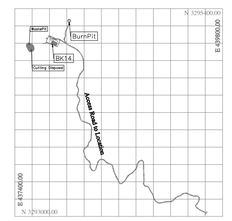
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
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Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report - BK14	BK-BK14-PEDCO-110-GT-RT-0001
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MTO For Civil Works - BK14	BK-BK14-PEDCO-110-CV-MT-0001

ABBREVIATION

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KEY PLAN



SCALE: 1/35000

REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO:	REV.
H=1: 200 V=1: 200	A1	BK-BK14-PEDCO-110-CV-DW-0001	31 OF 99	D05

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

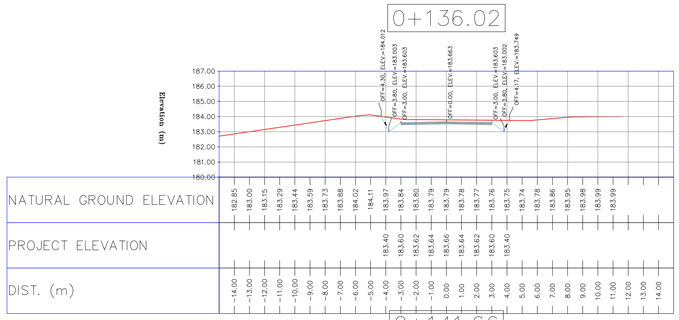
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

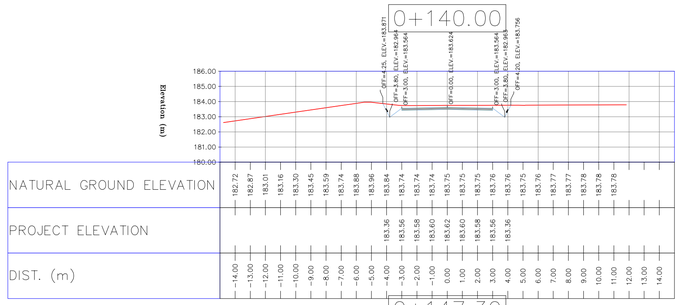
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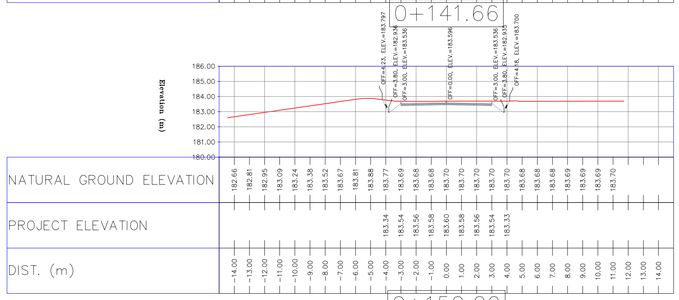
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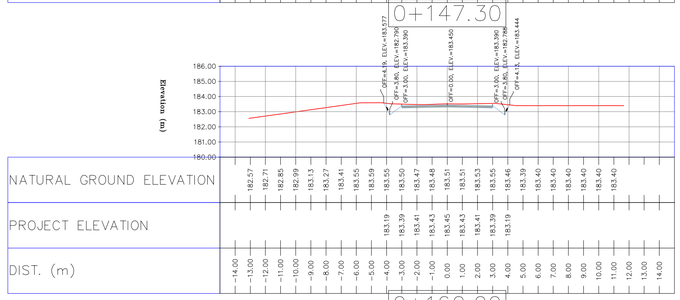
APPROVED FOR CONSTRUCTION | BY: | DATE:

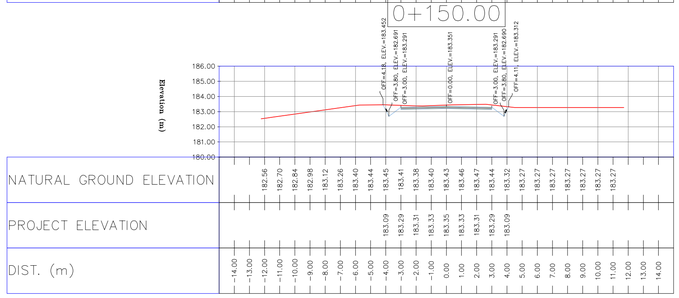
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053-073-9184	F	4	S	708209	31	D05

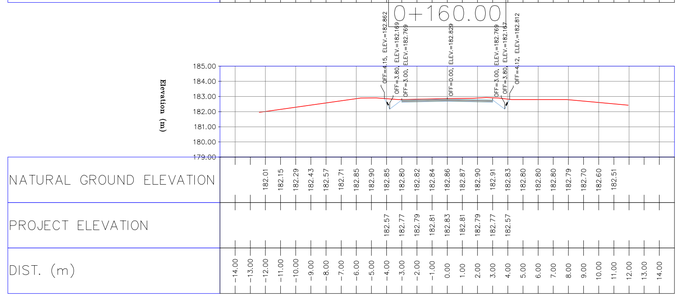


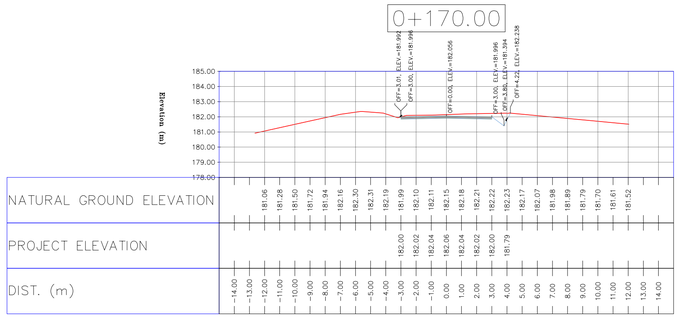


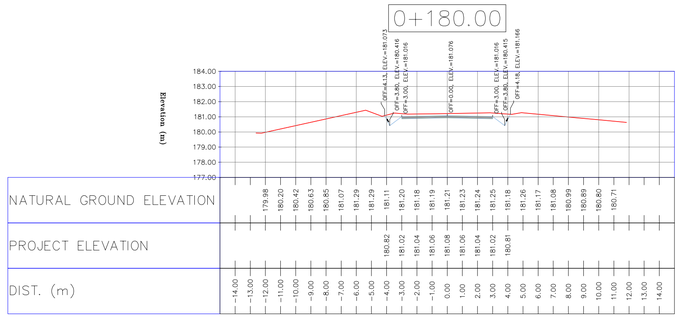


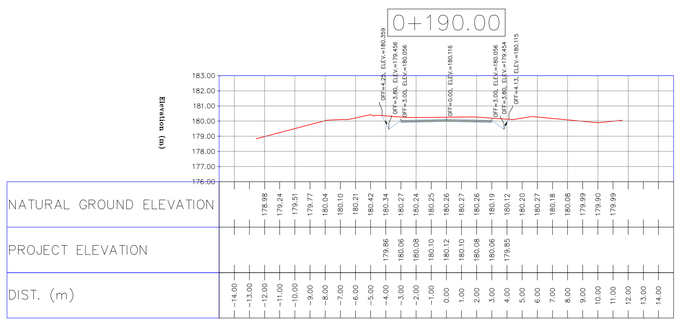


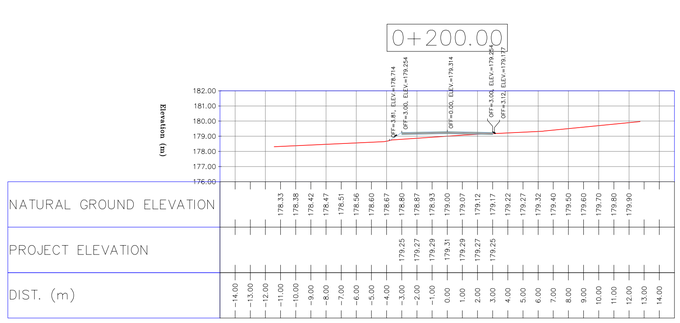












NOTES

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ELLIPSOID :	WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION:	UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM:	MSL

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LEGEND

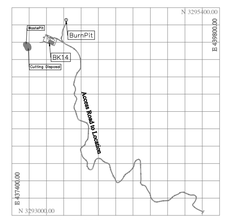
⊙	WELL LOCATION	→	CANAL
●	WELL		RIVER
	SITE		WATER COURSE
	CAMP SITE	60 / 50	CONTOURS
	ASPHALT ROAD	99.27	SPOT HEIGHT
	GRAVEL ROAD	△	BENCH MARK
	PROPOSED ROAD		BRIDGE
	DAYLIGHT		CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
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MTO For Civil Works - BK14	BK-BK14-PEDCO-110-CV-MT-0001

ABBREVIATION

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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	32 OF 99	D05

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

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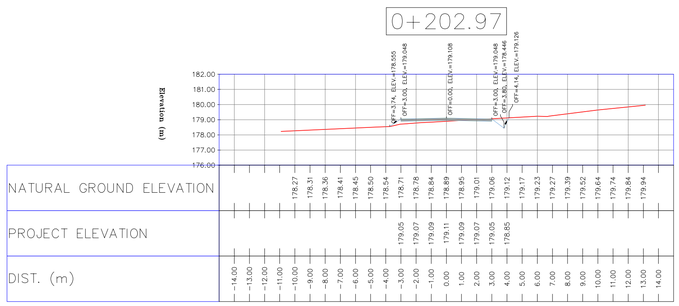
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

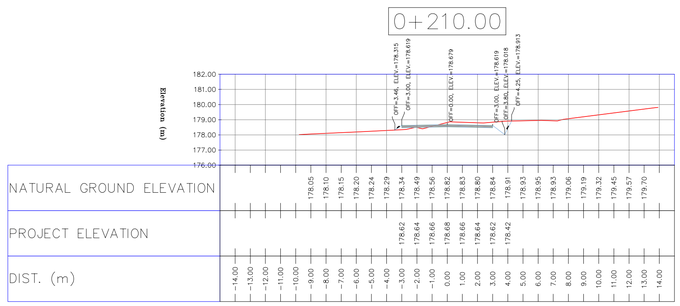
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

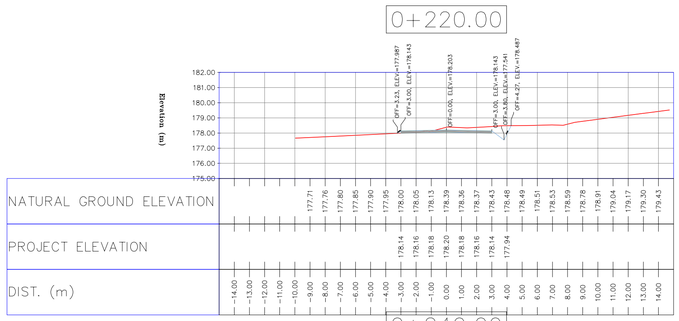
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

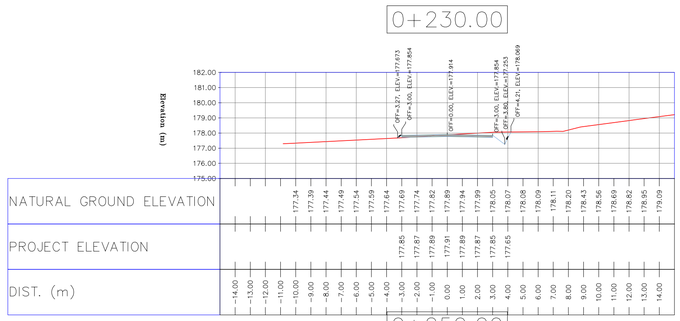
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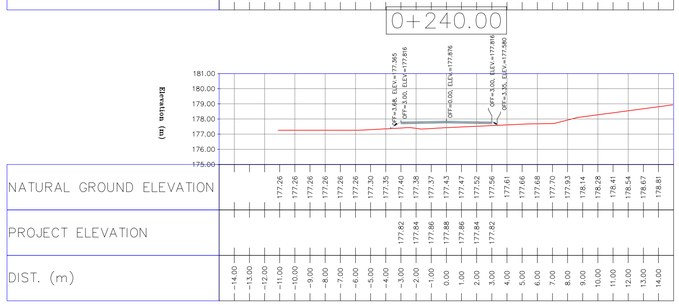
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	32	D05

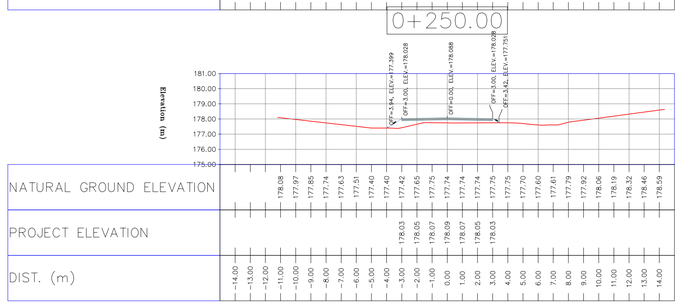


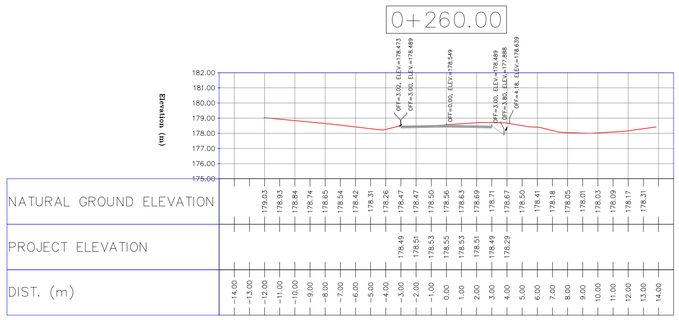


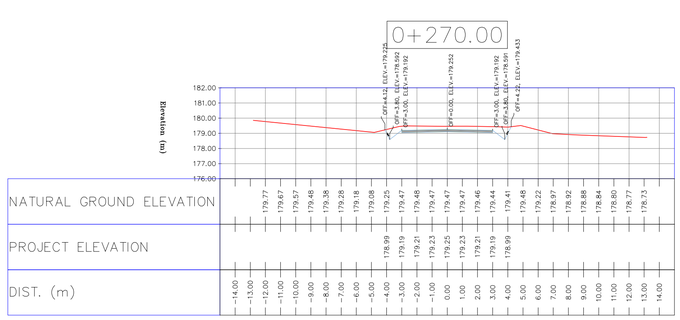


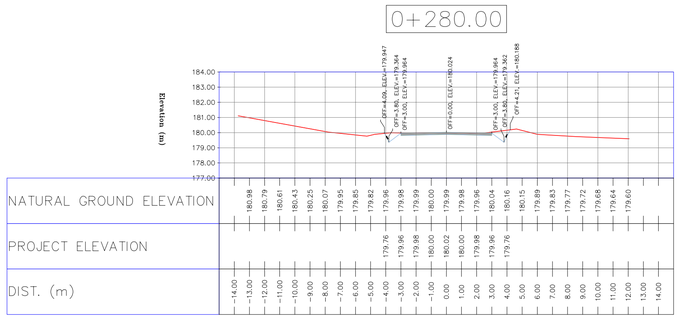


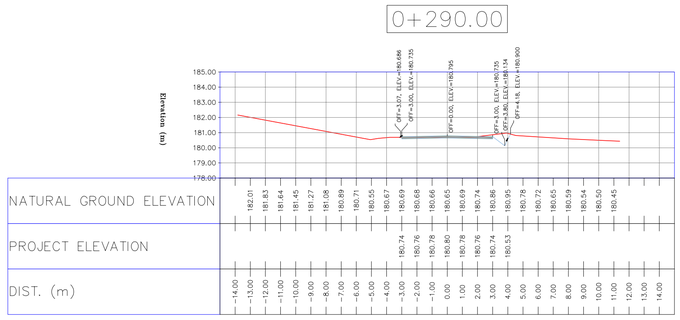












NOTES

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LEGEND

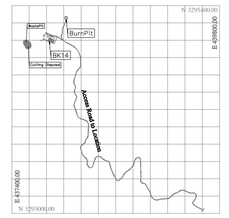
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
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D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB–SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK–BK14–PEDCO–110–CV–DW–0001	33 OF 99	D05

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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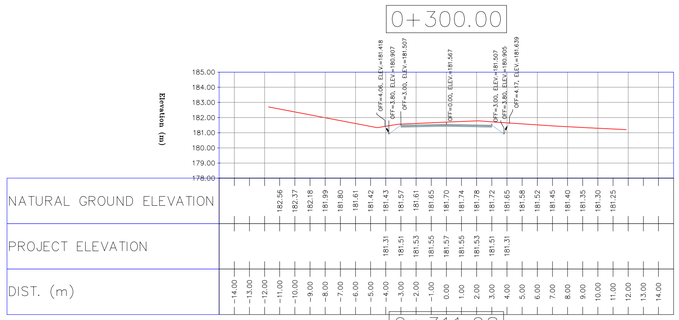
BINAK OILFIELD DEVELOPMENT
SUB–SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

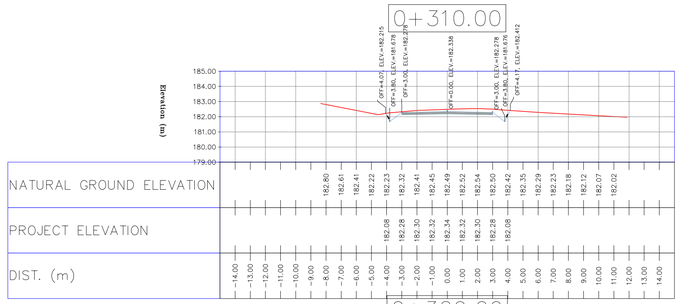
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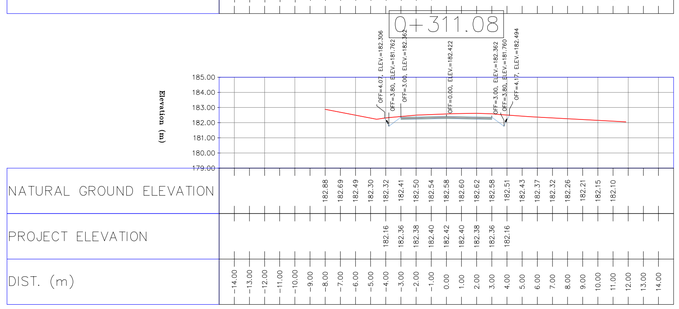
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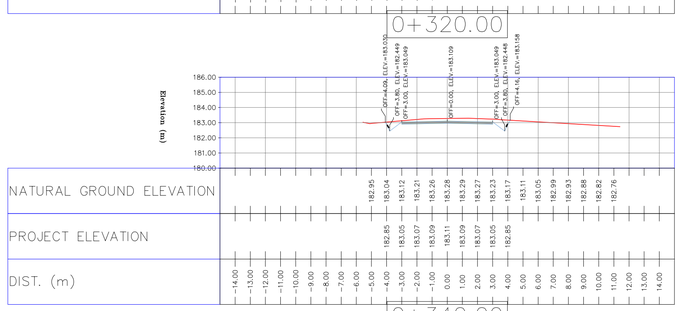
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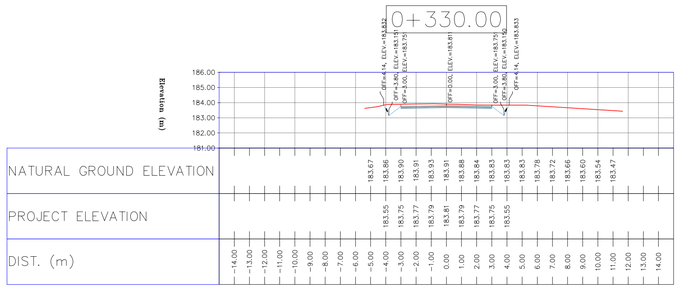
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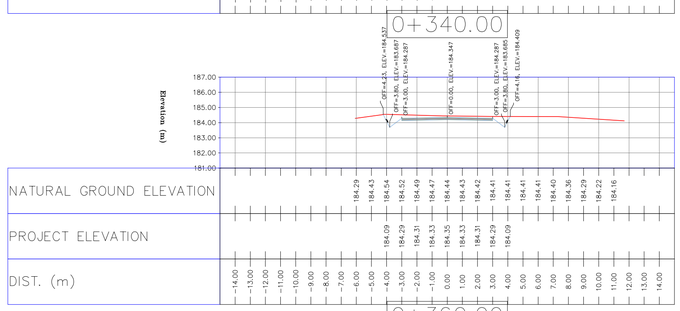


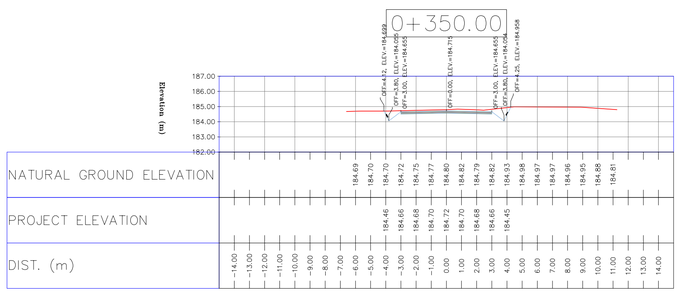


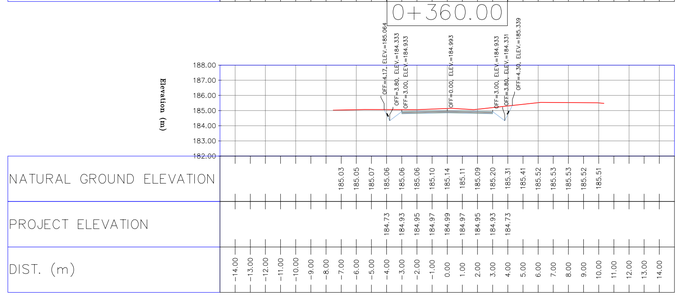


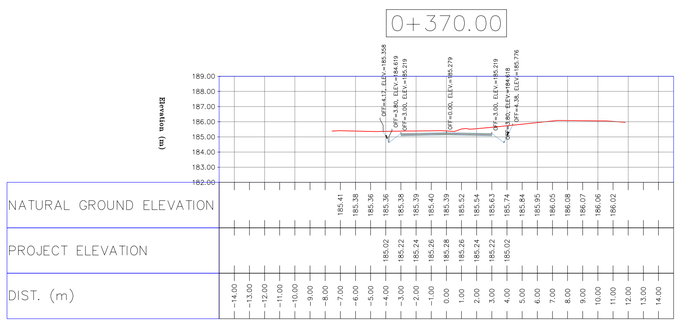


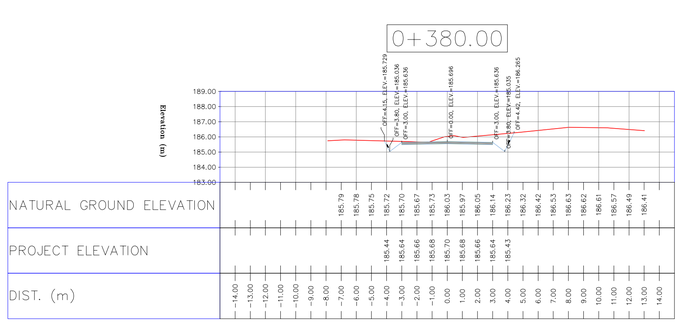












NOTES

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ELLIPSOID :	WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION:	UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM:	MSL

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- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

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LEGEND

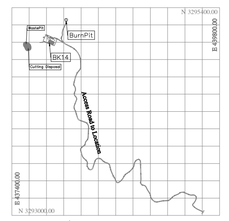
⊙	WELL LOCATION	→	CANAL
●	WELL		RIVER
	SITE		WATER COURSE
	CAMP SITE	60 / 50	CONTOURS
	ASPHALT ROAD	99.27	SPOT HEIGHT
	GRAVEL ROAD	△	BENCH MARK
	PROPOSED ROAD		BRIDGE
	DAYLIGHT		CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report – BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
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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/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14
ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	34 OF 99	D05

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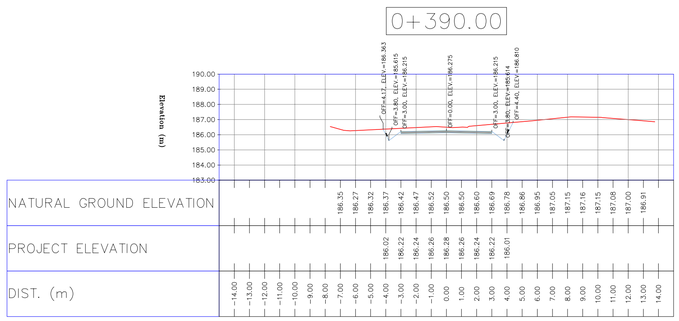
BINAK OILFIELD DEVELOPMENT
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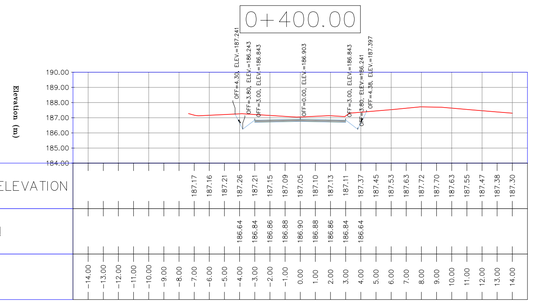
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

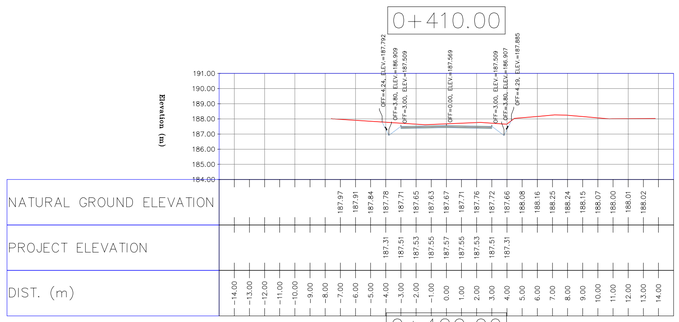
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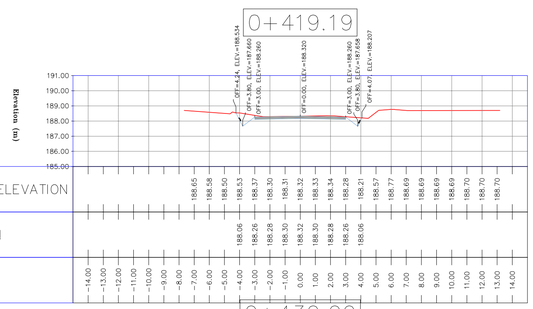
APPROVED FOR CONSTRUCTION | BY: | DATE:

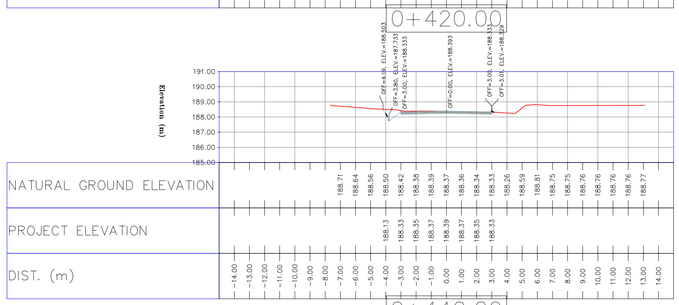
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	34	D05

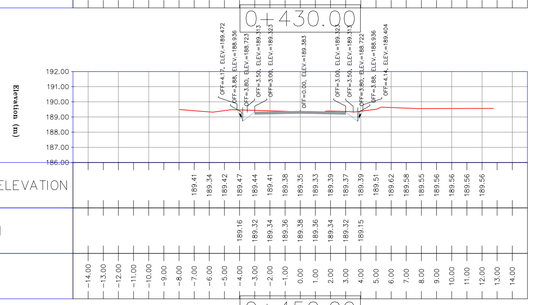


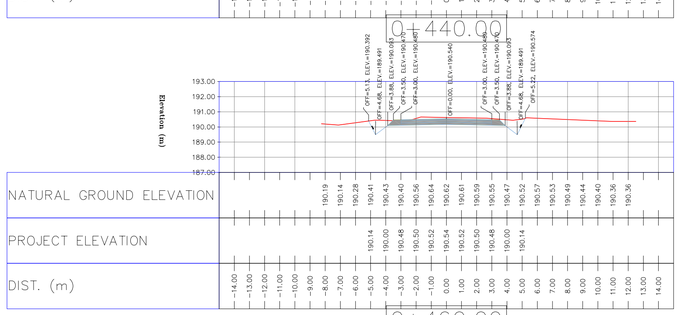


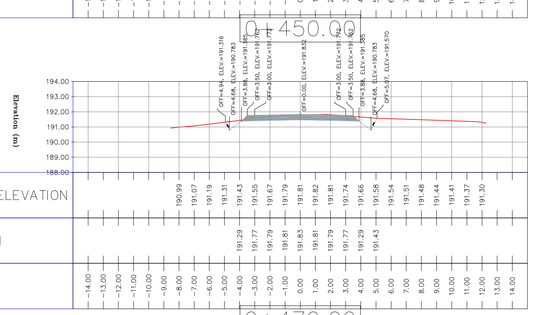


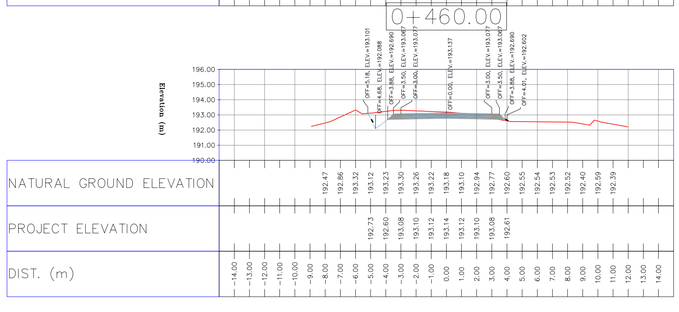


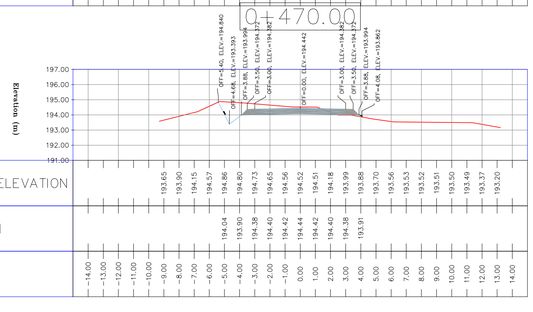












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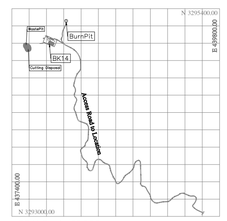
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WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
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REFERENCE DRAWING	DRG. No.
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KEY PLAN



SCALE: 1/35000

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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/SUB–SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

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DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK–BK14–PEDCO–110–CV–DW–0001	35 OF 99	D05

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

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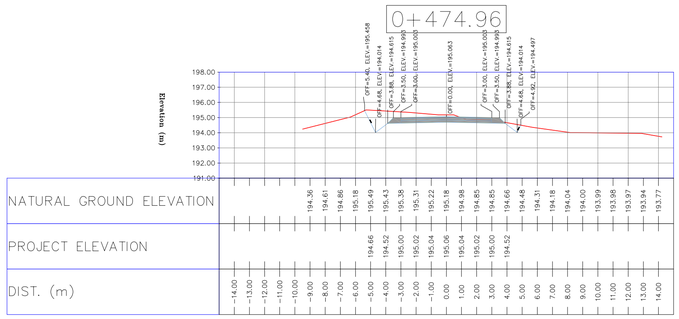
BINAK OILFIELD DEVELOPMENT
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BK14 WHF MODIFICATIONS

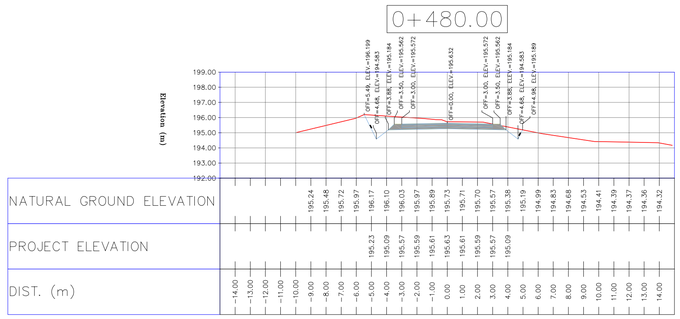
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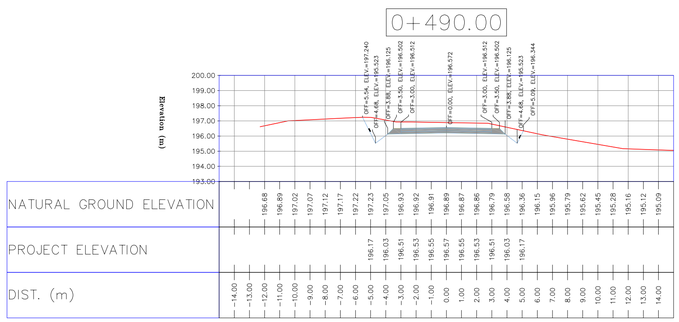
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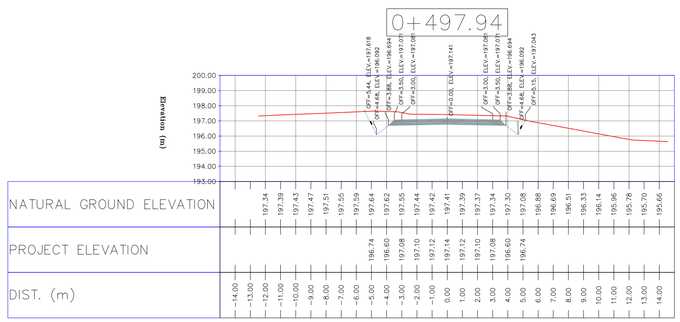
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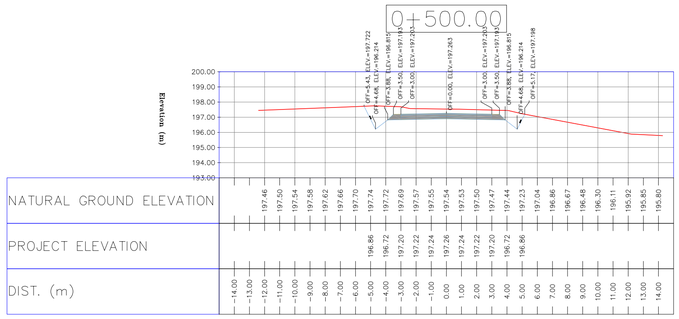
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053–073–9184	F	4	S	708209	35	D05

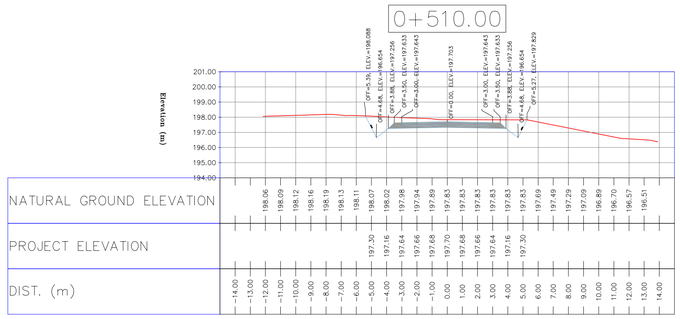


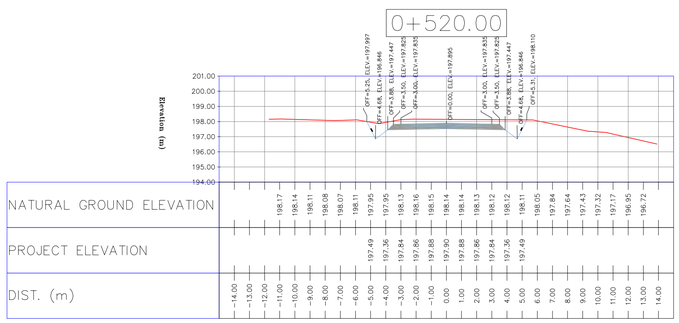


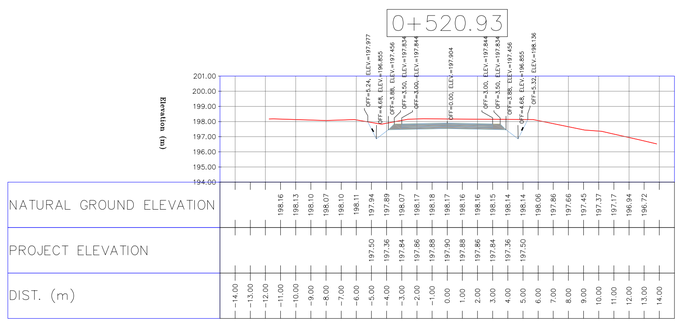












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HORIZONTAL COORDINATE SYSTEM:	WGS84/UTM ZONE 39
ELLIPSOID :	WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION:	UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM:	MSL

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LEGEND

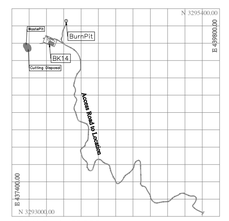
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report - BK14	BK-BK14-PEDCO-110-GT-RT-0001
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ABBREVIATION

PT= POINT
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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
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D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
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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/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

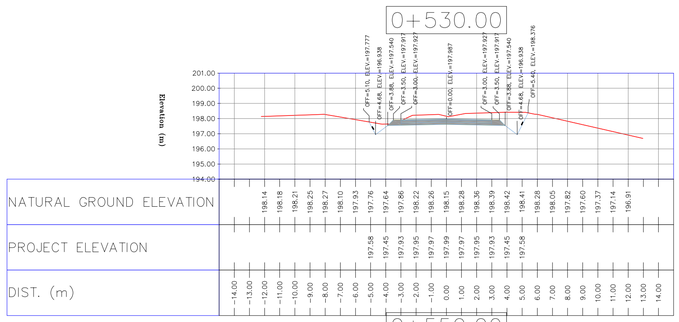
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14 ACCESS ROAD TRANSVERSAL SECTIONS

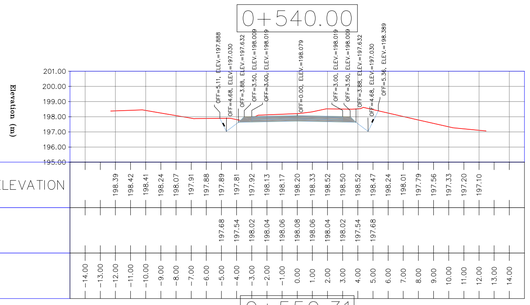
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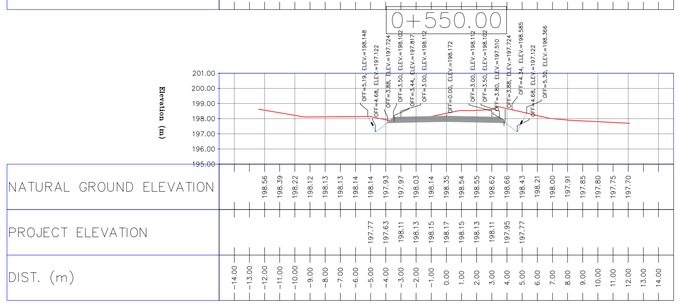
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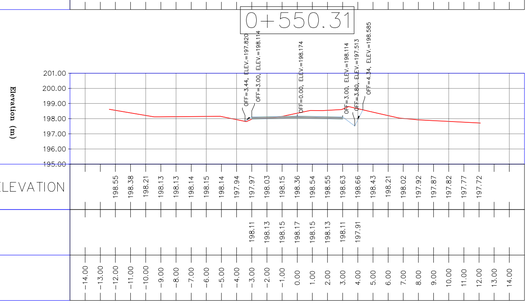
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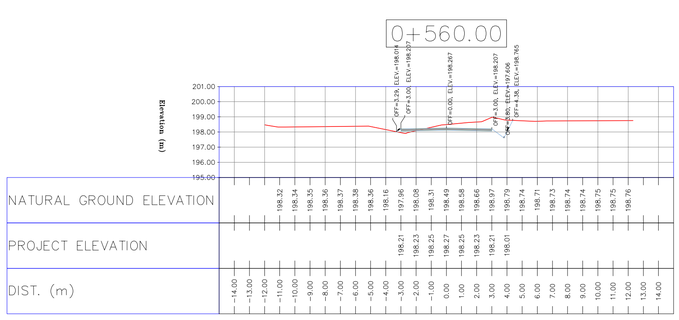
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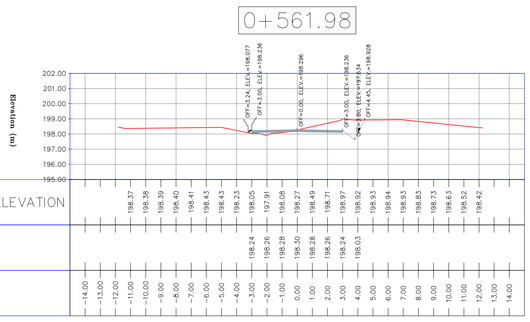


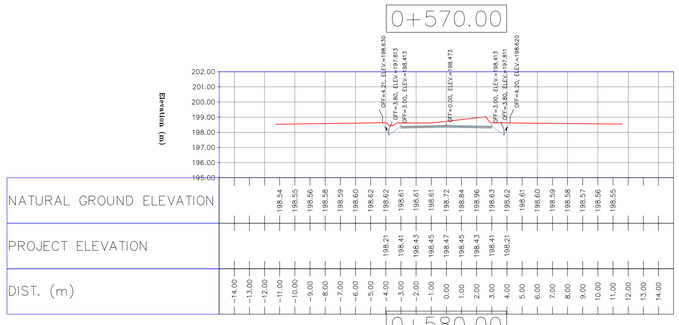


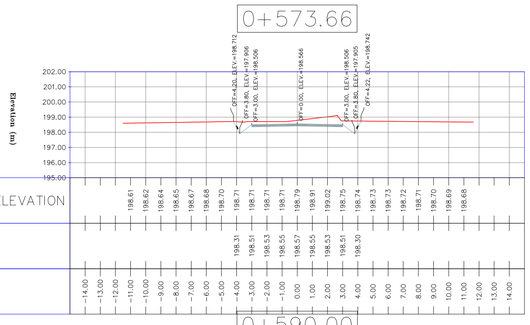


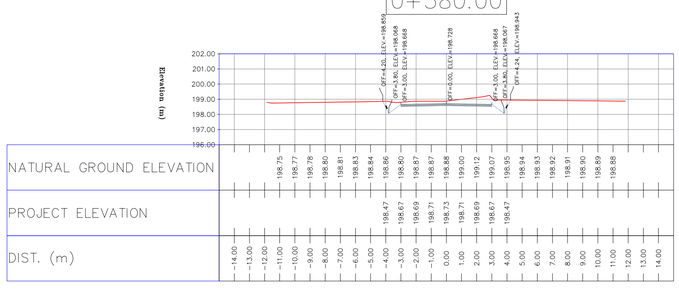


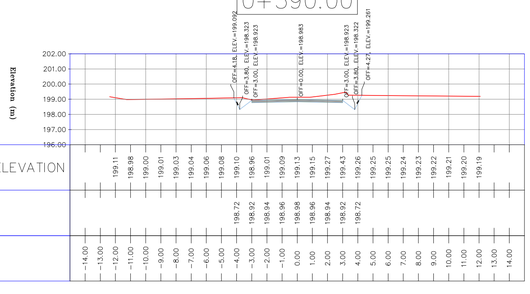












NOTES

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LEGEND

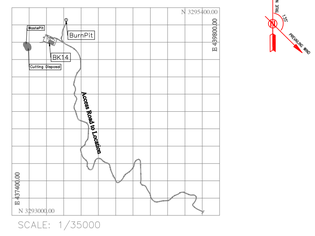
⊙	WELL LOCATION	→	CANAL
●	WELL		RIVER
	SITE		WATER COURSE
	CAMP SITE	60 / 50	CONTOURS
	ASPHALT ROAD	99+27	SPOT HEIGHT
	GRAVEL ROAD	△	BENCH MARK
	PROPOSED ROAD		BRIDGE
	DAYLIGHT		CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -BK14	BK-BK14-PEDCO-110-CV-PY-0001
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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
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REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14
ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	37 OF 99	D05

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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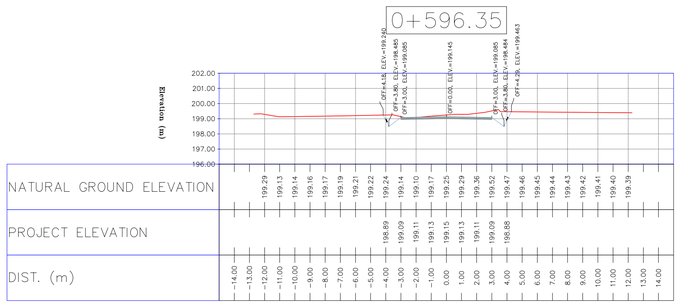
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

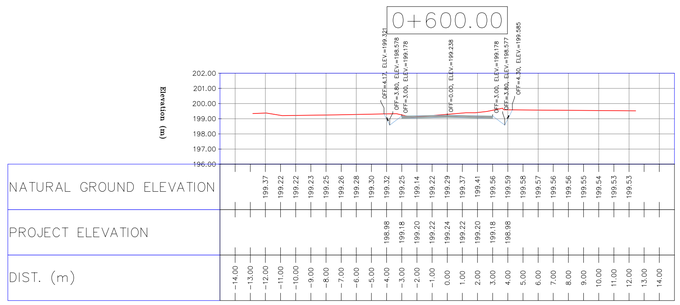
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

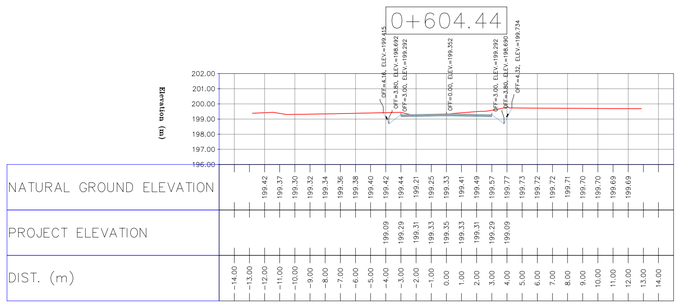
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

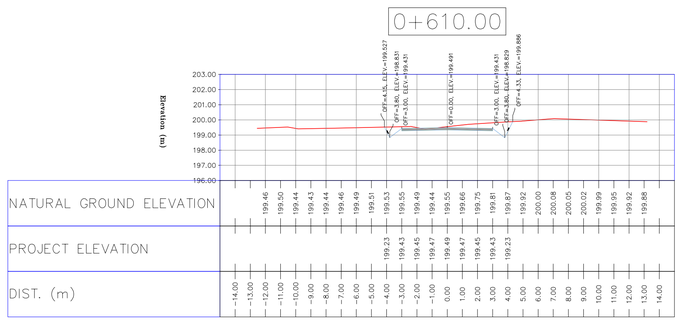
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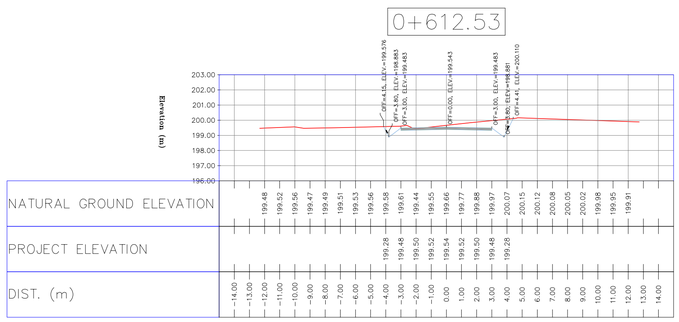
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	37	D05

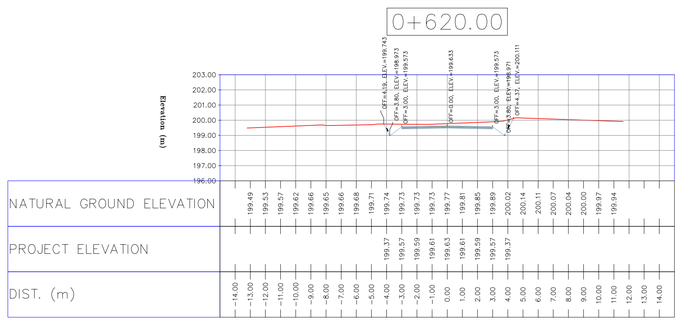


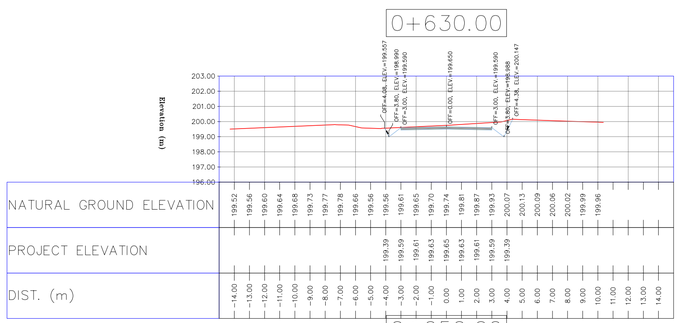


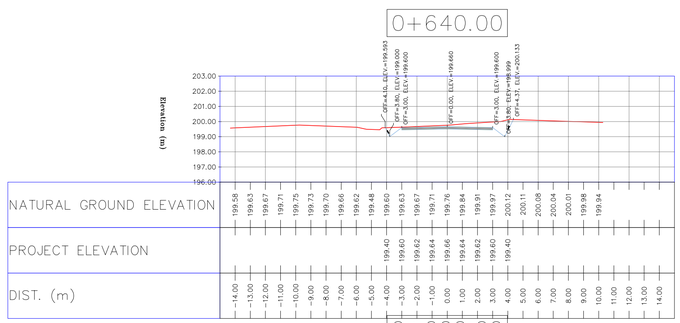


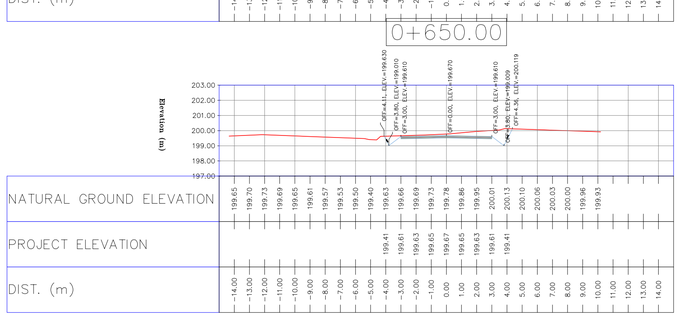


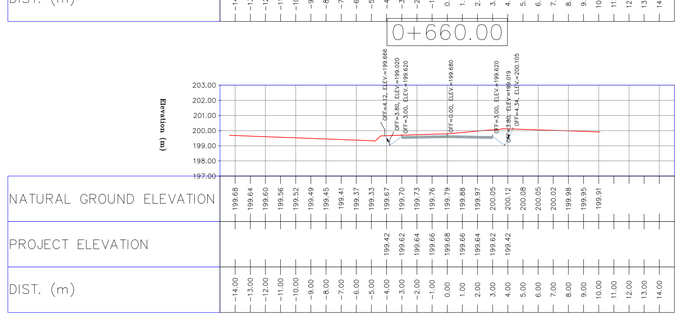












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LEGEND

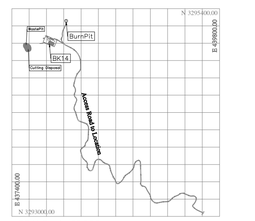
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
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WATER COURSE
CONTOURS
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REFERENCE DRAWING	DRG. No.
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KEY PLAN



SCALE: 1/35000

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D05	AUG.2023	AFC	R.BERLOUEI	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/SUB–SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY – PEDCO

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14
ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK–BK14–PEDCO–110–CV–DW–0001	38 OF 99	D05

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

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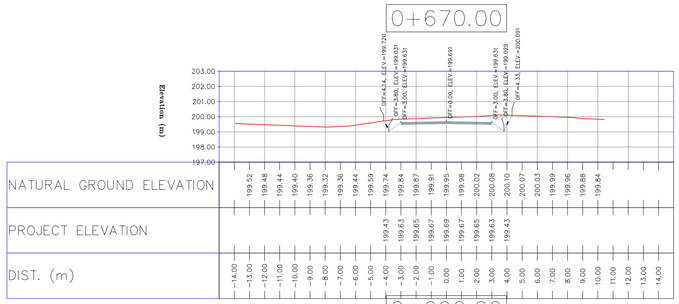
BINAK OILFIELD DEVELOPMENT
SUB–SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

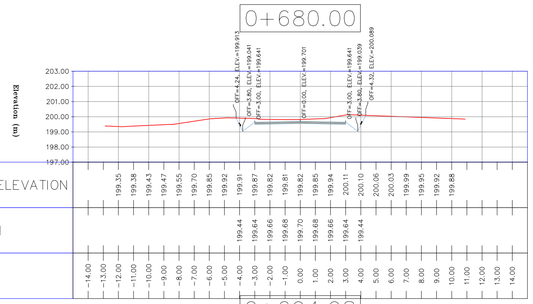
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

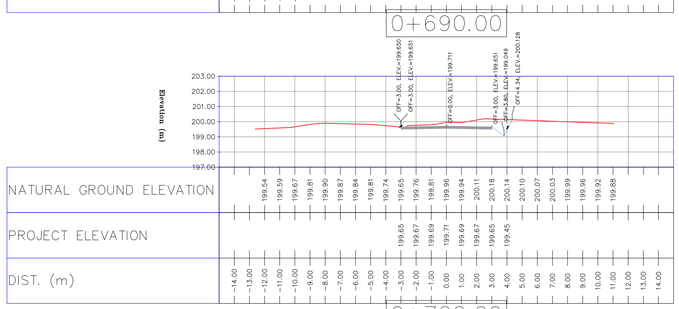
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

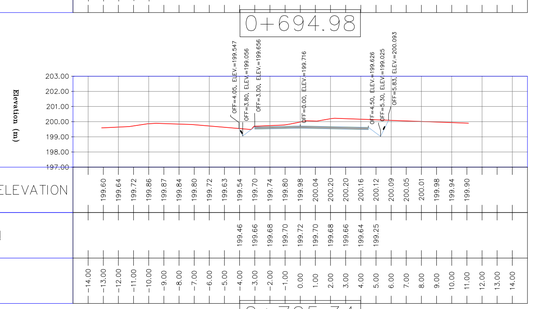
APPROVED FOR CONSTRUCTION	BY:	DATE:

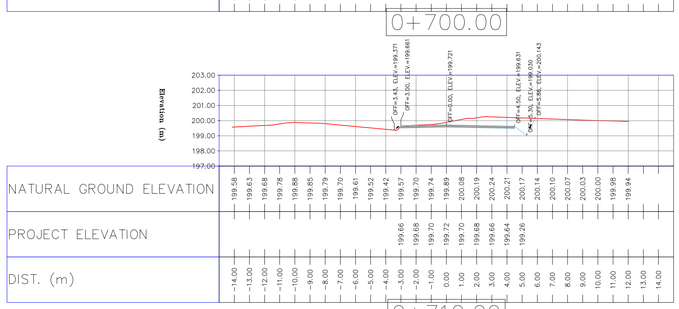
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053–073–9184	F	4	S	708209	38	D05

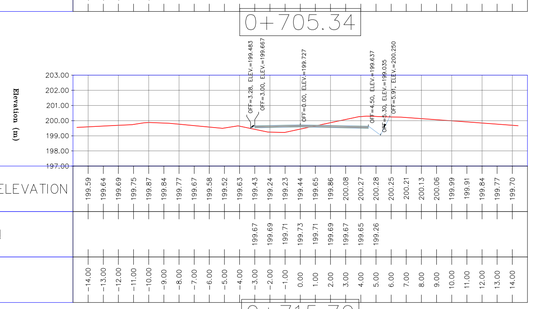


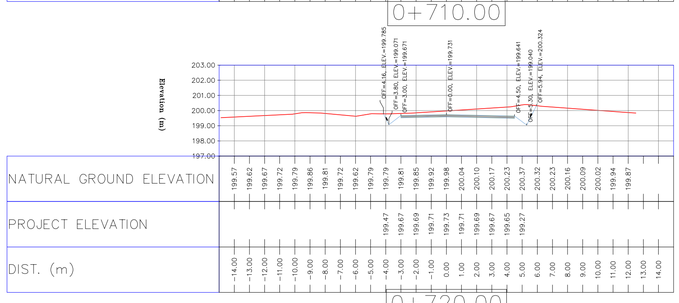


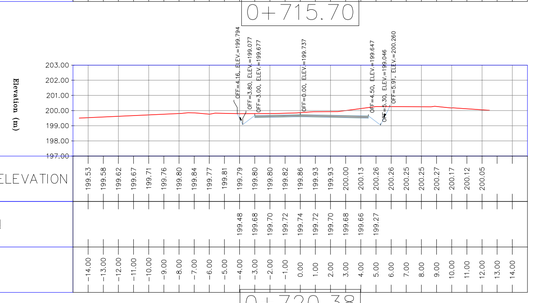


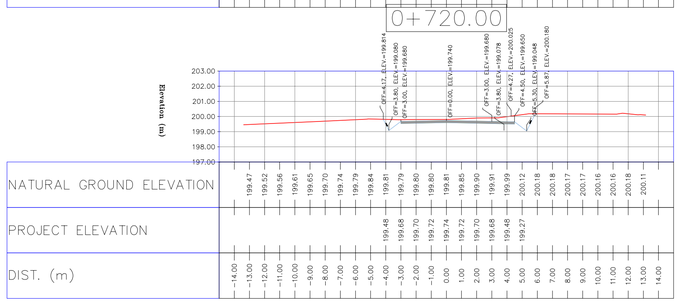


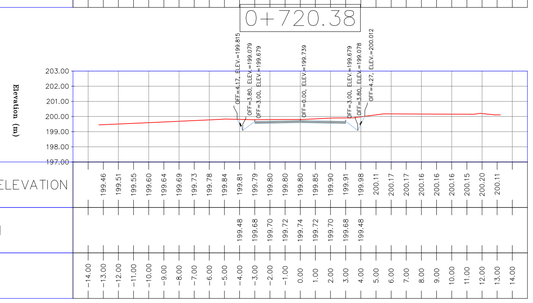












NOTES

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MAP PROJECTION:	UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM:	MSL

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LEGEND

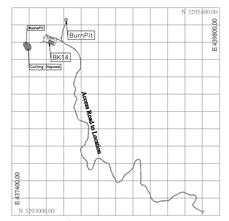
⊙	WELL LOCATION	→	CANAL
●	WELL		RIVER
	SITE		WATER COURSE
	CAMP SITE	60 / 50	CONTOURS
	ASPHALT ROAD	99.27	SPOT HEIGHT
	GRAVEL ROAD	△	BENCH MARK
	PROPOSED ROAD		BRIDGE
	DAYLIGHT		CULVERT

REFERENCE DRAWING	DRG. No.
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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14
ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	39 OF 99	D05

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

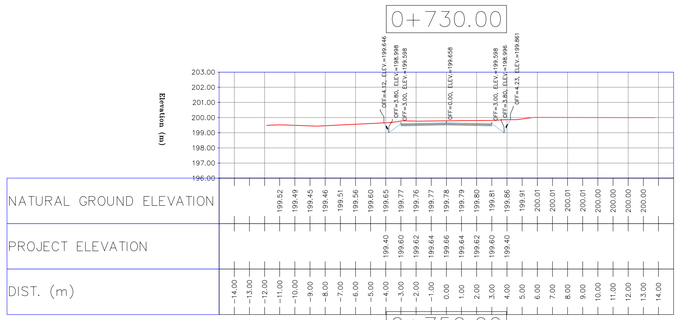
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

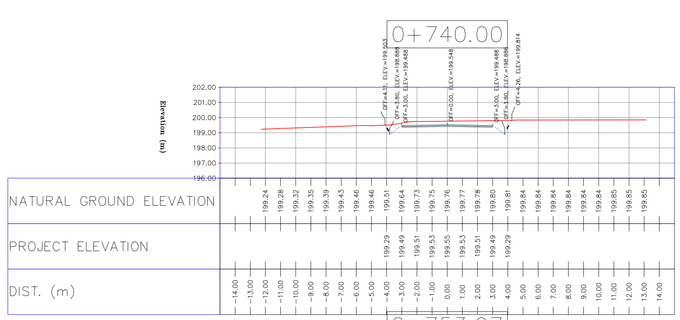
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

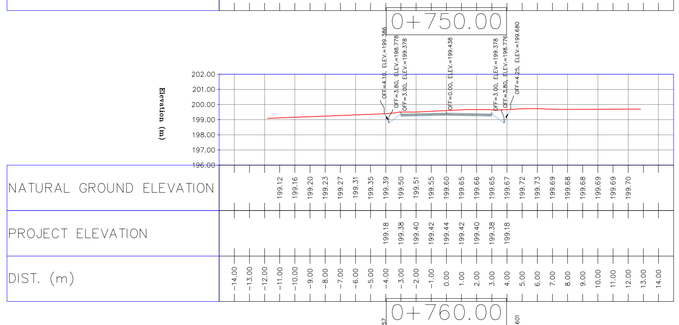
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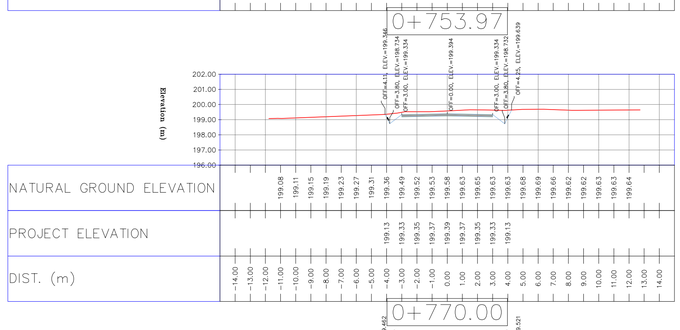
APPROVED FOR CONSTRUCTION | BY: | DATE:

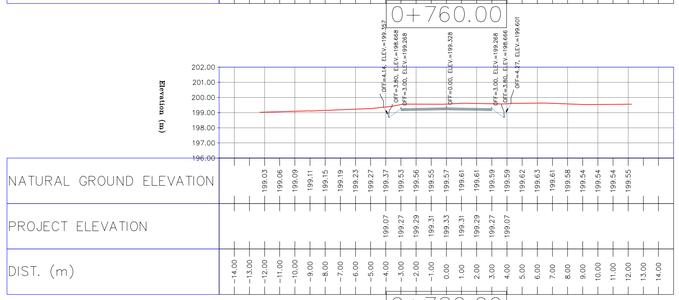
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	39	D05

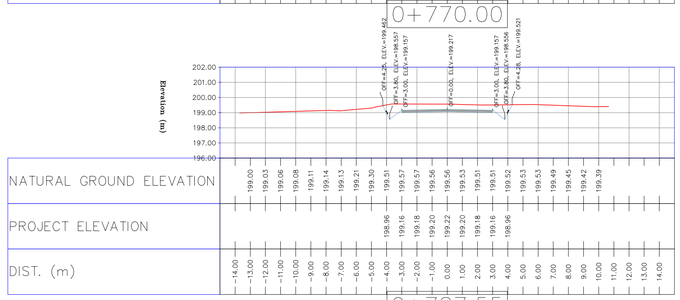


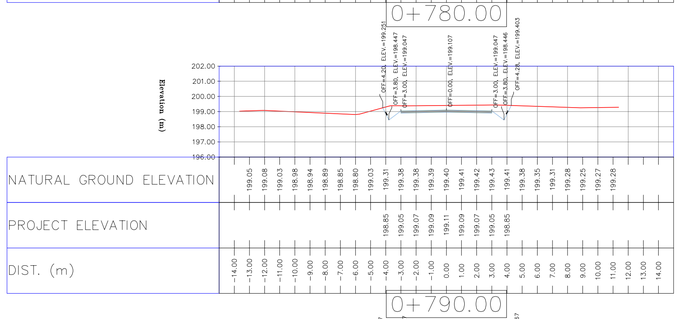


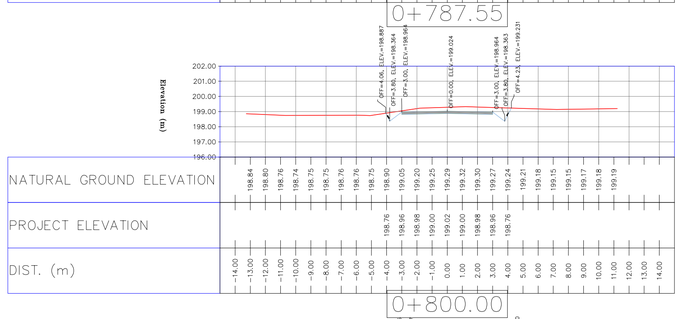


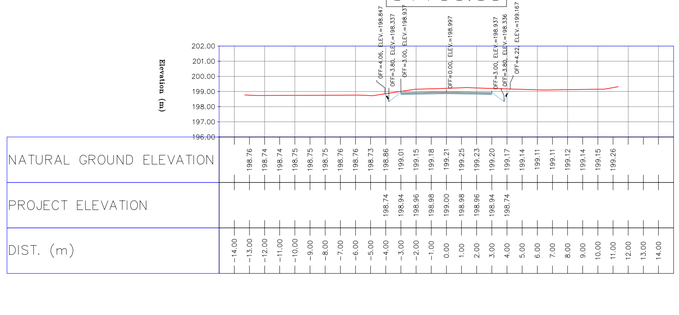


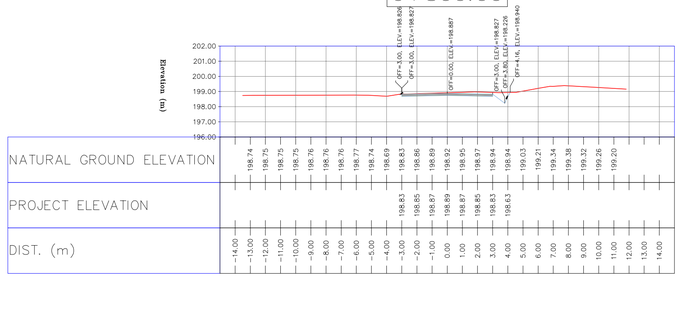












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MAP PROJECTION:	UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM:	MSL

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LEGEND

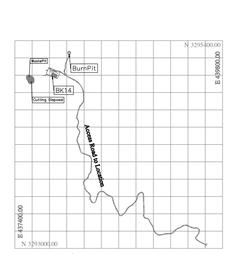
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout – BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report – BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works – BK14	BK-BK14-PEDCO-110-CV-MT-0001

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KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
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REV.	DESCRIPTION	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE
***	**********	**.**	***.****	**.**	***.****

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14
ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	40 OF 99	D05

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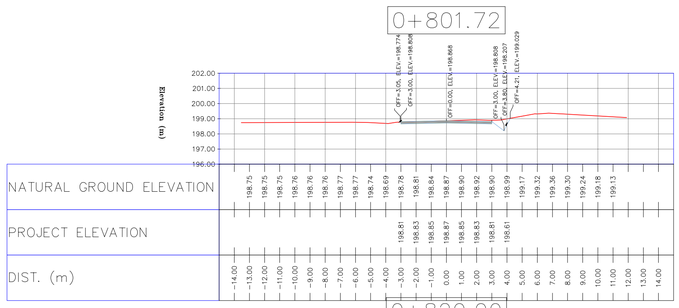
BINAK OILFIELD DEVELOPMENT
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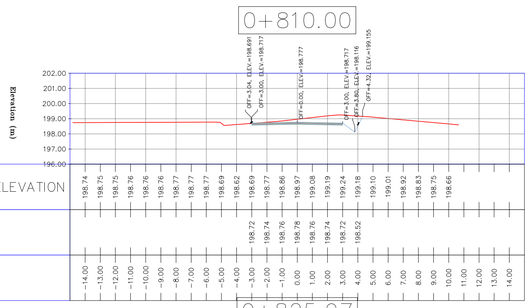
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

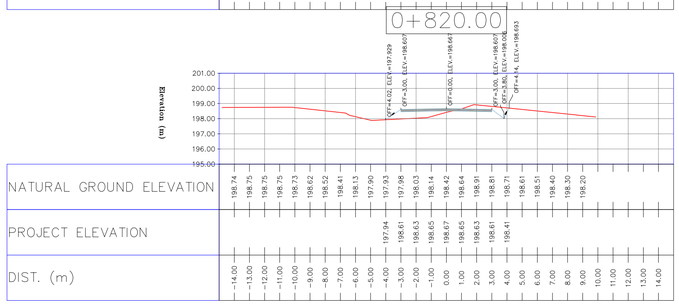
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

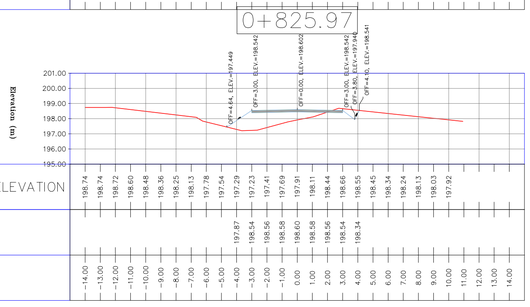
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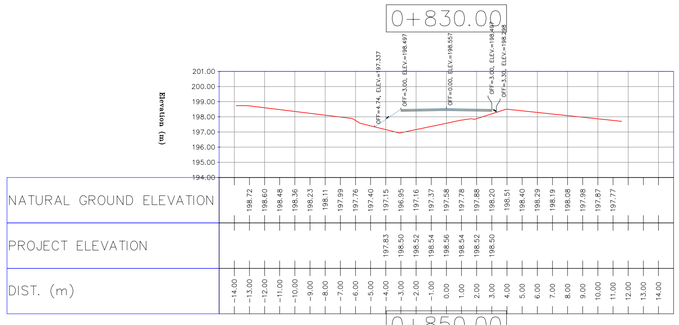
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	40	D05

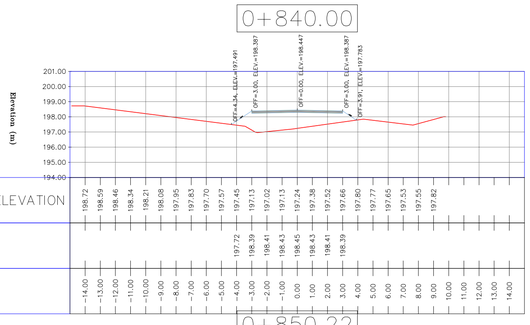


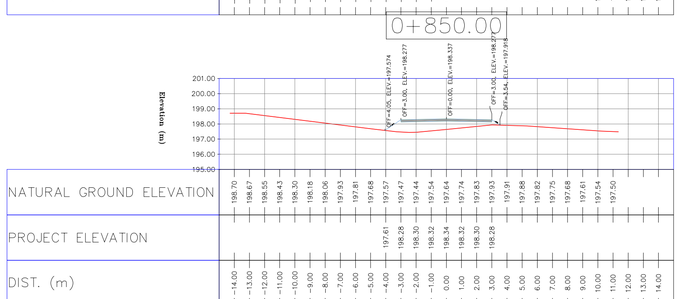


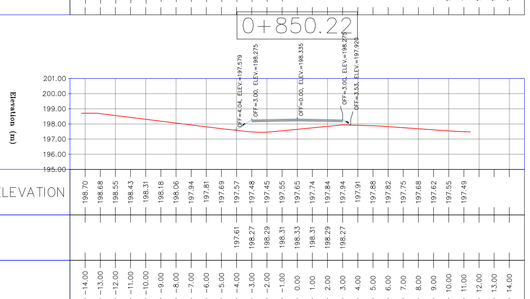


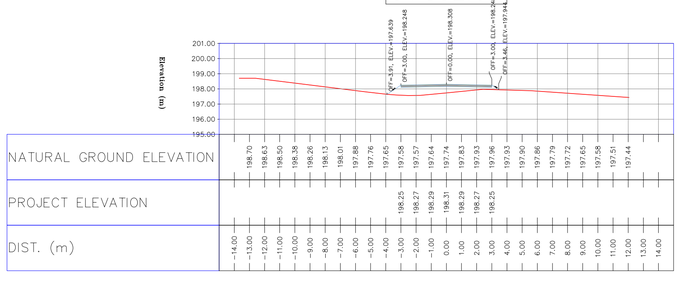


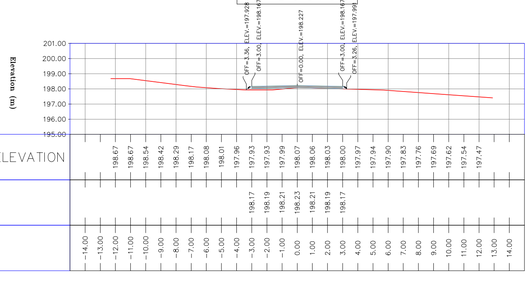












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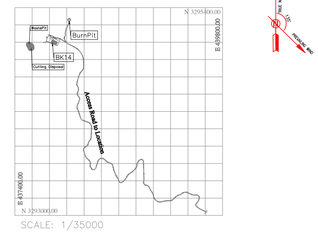
WELL LOCATION
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GRAVEL ROAD
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LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14
ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	41 OF 99	D05

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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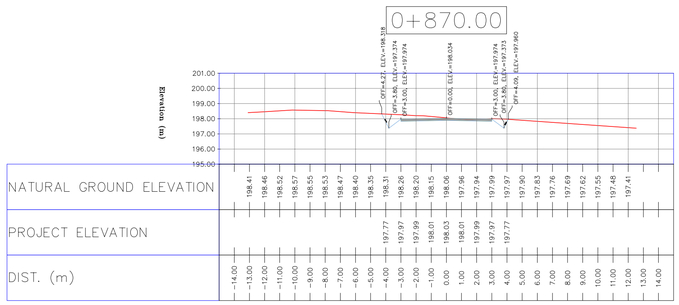
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

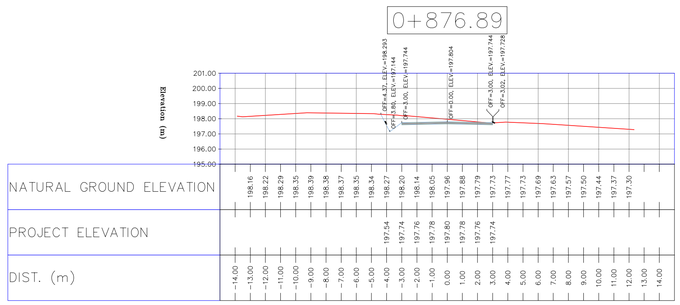
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

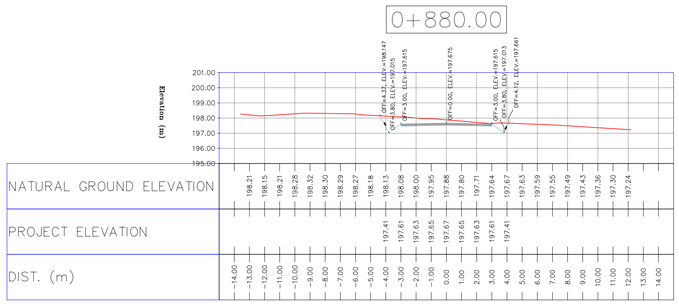
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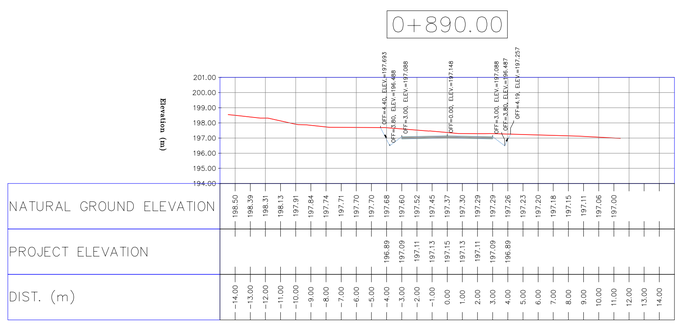
APPROVED FOR CONSTRUCTION | BY: | DATE:

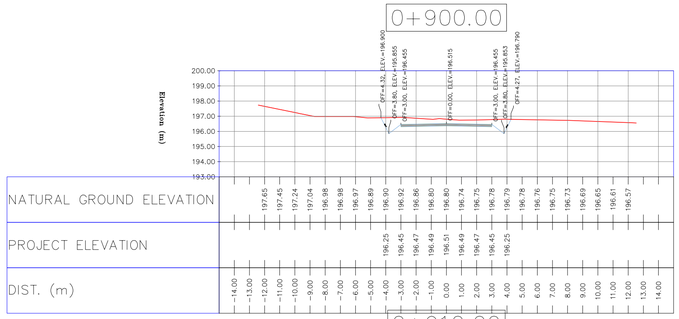
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	41	D05

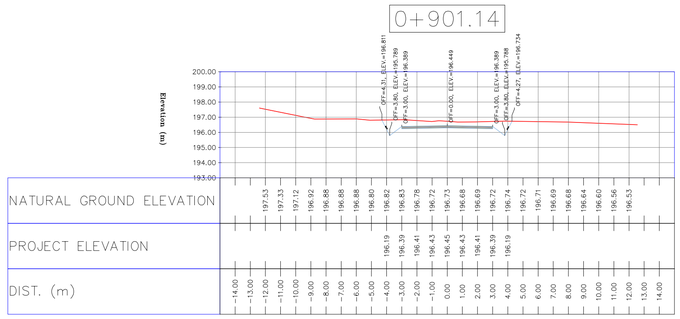


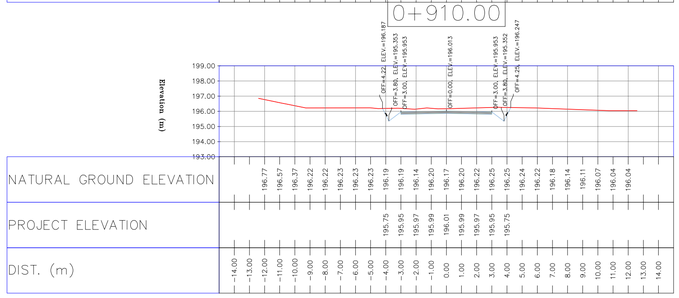


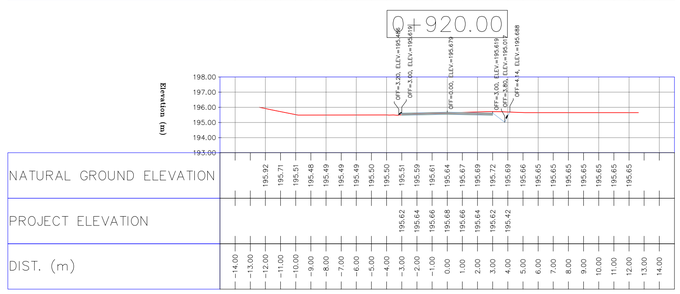


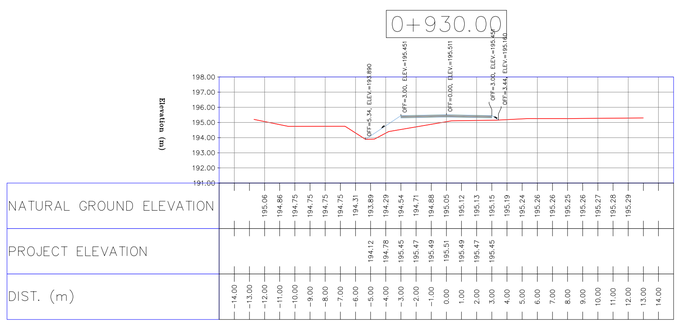


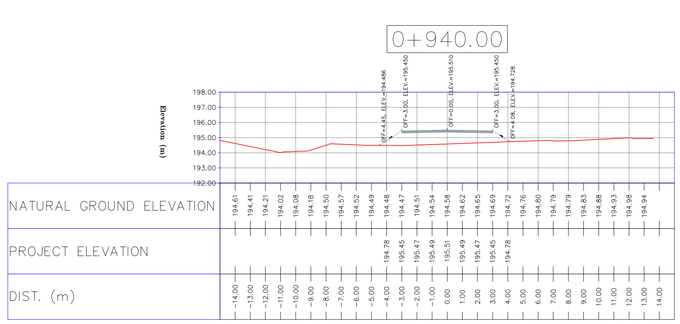












NOTES

1-ALL COORDINATES AND ELEVATIONS ARE IN METER.

2-ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.

3-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:	MSL

4-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-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

5-BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

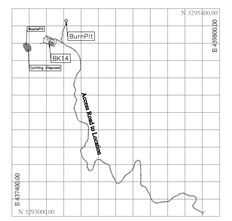
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report - BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - BK14	BK-BK14-PEDCO-110-CV-MT-0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
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EVCS= END OF VERTICAL CURVE STATION
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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
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D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	42 OF 99	D05

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

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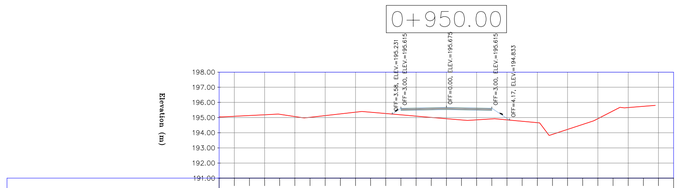
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

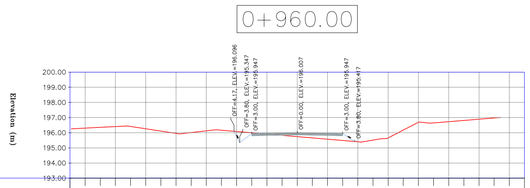
APPROVED FOR CONSTRUCTION				BY:	DATE:	
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	42	D05

0+950.00



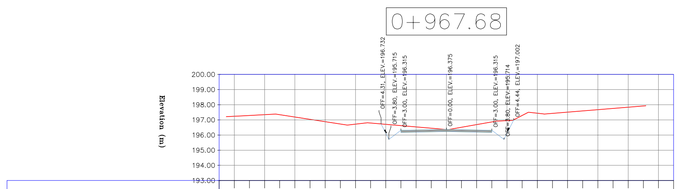
NATURAL GROUND ELEVATION	195.08	195.13	195.19	195.22	195.07	195.01	195.13	195.24	195.35	195.35	195.27	195.18	195.64	195.10	195.01	195.66	194.93	194.84	194.85	194.64	194.91	194.85	194.76	194.67	193.89	194.22	194.55	194.92	195.44	195.66	195.74
PROJECT ELEVATION												195.62	195.64			195.68		195.64	195.64	195.62	194.95										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00		

0+960.00



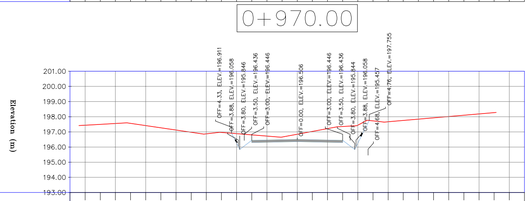
NATURAL GROUND ELEVATION	196.30	196.35	196.41	196.42	196.27	196.11	195.96	196.01	196.13	196.17	196.08	196.00	195.91	195.83	195.74	195.66	195.57	195.48	195.40	195.51	195.66	196.17	196.69	196.65	196.73	196.81	196.89	196.97			
PROJECT ELEVATION											195.75	195.95	195.97	195.99	196.01	195.99	195.97	195.95													
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00		

0+967.68



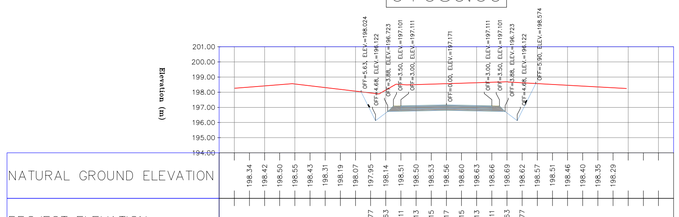
NATURAL GROUND ELEVATION	197.24	197.29	197.34	197.34	197.19	197.03	196.88	196.73	196.72	196.79	196.71	196.62	196.54	196.45	196.37	196.51	196.69	196.87	196.95	197.29	197.44	197.43	197.51	197.59	197.68	197.76	197.84	197.92			
PROJECT ELEVATION											196.12	196.32	196.34	196.36	196.38	196.36	196.34	196.32	196.11												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00		

0+970.00



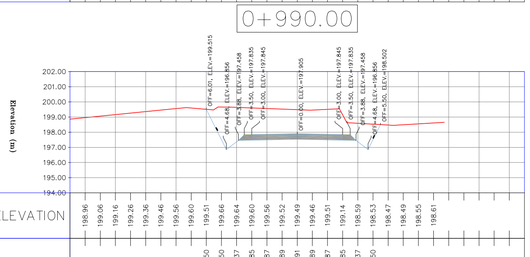
NATURAL GROUND ELEVATION	197.44	197.50	197.56	197.56	197.42	197.27	197.12	196.98	196.87	196.97	196.88	196.80	196.72	196.66	196.84	196.51	197.03	197.22	197.36	197.44	197.73	197.67	197.75	197.84	197.93	198.01	198.10	198.19	198.27		
PROJECT ELEVATION											196.29	196.45	196.47	196.49	196.49	196.51	196.49	196.47	196.45	195.97											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00		

0+980.00



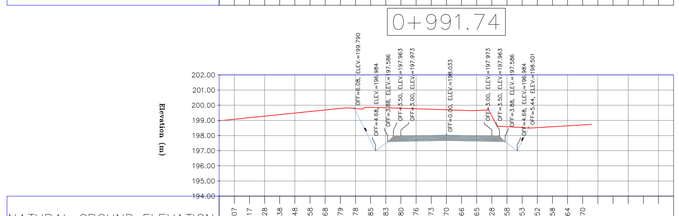
NATURAL GROUND ELEVATION	198.34	198.42	198.50	198.55	198.43	198.31	198.19	198.07	197.95	198.14	198.51	198.50	198.53	198.56	198.60	198.63	198.66	198.69	198.62	198.57	198.51	198.46	198.40	198.35	198.29						
PROJECT ELEVATION										196.77	196.63	197.11	197.13	197.15	197.17	197.15	197.13	197.11	196.63	196.77											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00		

0+990.00



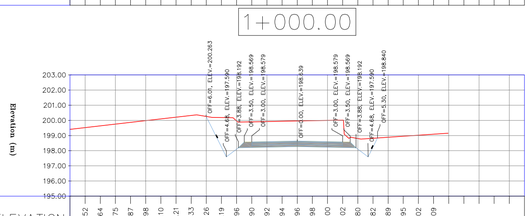
NATURAL GROUND ELEVATION	198.96	199.06	199.16	199.26	199.36	199.46	199.56	199.60	199.51	199.66	199.50	197.50	197.37	197.85	197.87	197.89	197.91	197.89	197.87	197.85	197.37	197.50	198.47	198.49	198.55	198.61					
PROJECT ELEVATION											199.50																				
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00		

0+991.74



NATURAL GROUND ELEVATION	199.07	199.17	199.28	199.38	199.48	199.58	199.68	199.79	199.78	199.85	199.83	199.80	199.76	199.73	199.70	199.66	199.65	199.28	198.58	198.53	198.52	198.58	198.64	198.70							
PROJECT ELEVATION									199.63	197.63	197.49	197.97	197.99	198.01	198.03	198.01	197.99	197.97	197.49	197.63											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00		

1+000.00



NATURAL GROUND ELEVATION	199.52	199.64	199.75	199.87	199.98	200.10	200.21	200.33	200.26	200.19	199.96	199.90	199.92	199.94	199.96	199.98	200.00	200.02	198.80	198.82	198.89	198.95	199.02	199.09							
PROJECT ELEVATION									200.24	198.24	198.10	198.58	198.60	198.62	198.64	198.62	198.60	198.58	198.10	198.24											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00		

NOTES

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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:	MSL

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- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
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LEGEND

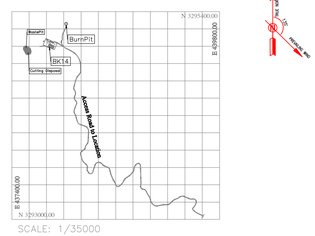
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report – BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works – BK14	BK-BK14-PEDCO-110-CV-MT-0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	43 OF 99	D05

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
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

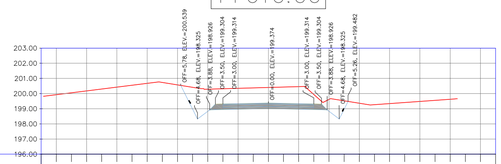
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

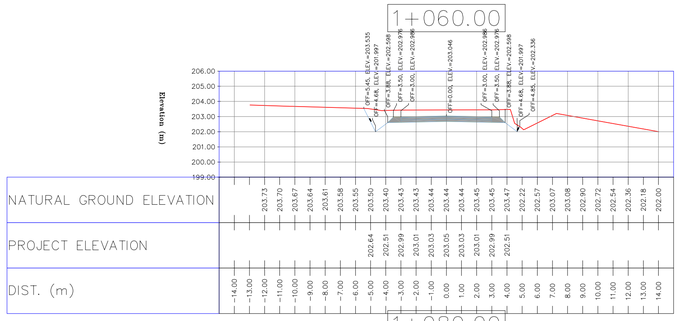
APPROVED FOR CONSTRUCTION | BY: | DATE:

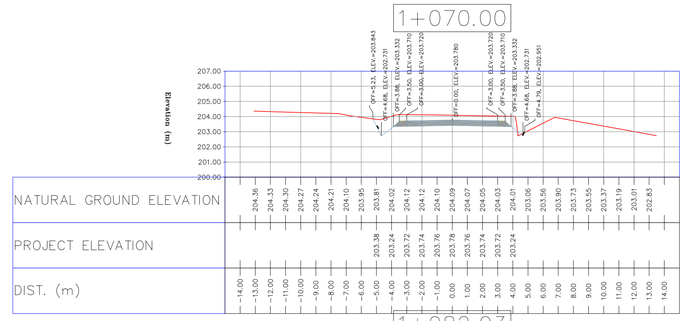
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	43	D05

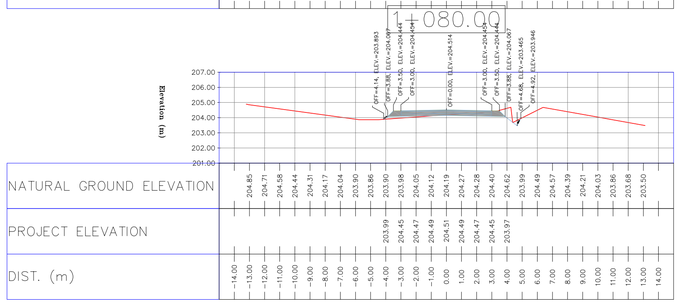
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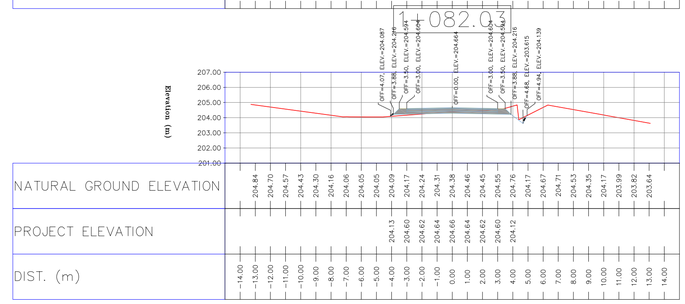

Elevation (m)
203.00
202.00
201.00
200.00
199.00
198.00
197.00
OFF=5.76, ELEV=200.539
OFF=4.68, ELEV=199.325
OFF=3.88, ELEV=198.926
OFF=3.50, ELEV=198.734
OFF=2.50, ELEV=198.374
OFF=0.00, ELEV=199.374
OFF=-3.50, ELEV=199.374
OFF=-4.68, ELEV=199.325
OFF=-5.36, ELEV=199.482

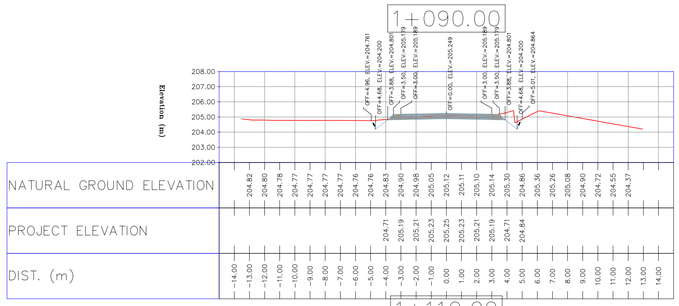
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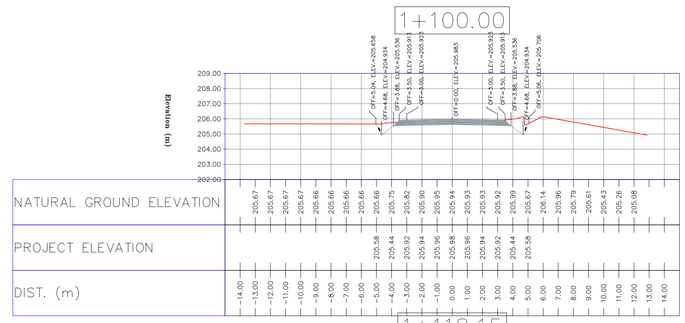


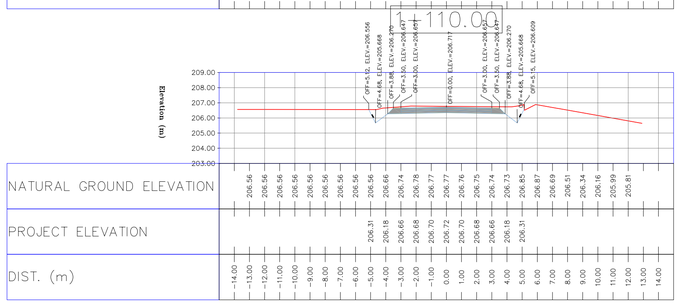


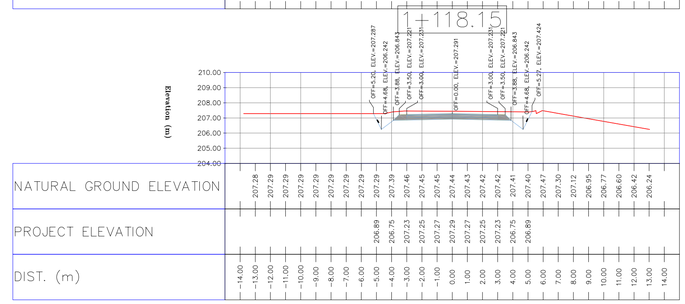


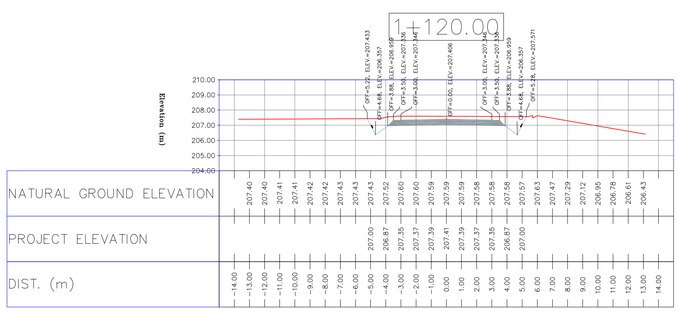


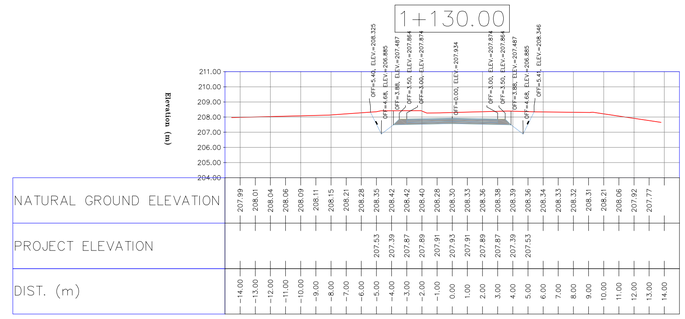












NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.

2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.

3- 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:	MSL

4- 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-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

WELL LOCATION; WELL; SITE; CAMP SITE; ASPHALT ROAD; GRAVEL ROAD; PROPOSED ROAD; DAYLIGHT

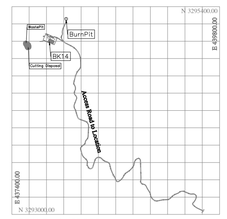
CANAL; RIVER; WATER COURSE; CONTOURS; SPOT HEIGHT; BENCH MARK; BRIDGE; CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan–BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
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D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	45 OF 99	D05

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

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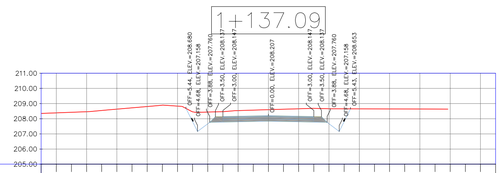
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

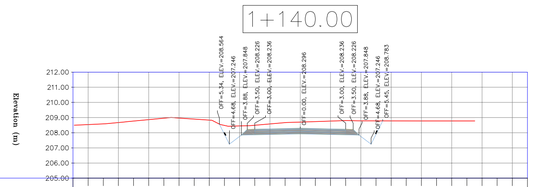
APPROVED FOR CONSTRUCTION			BY:		DATE:
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	45	D05

1+137.09



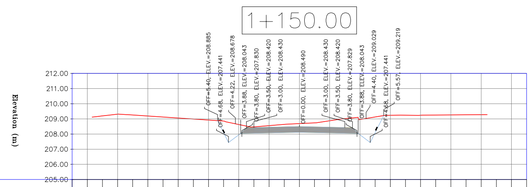
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PROJECT ELEVATION									207.80	207.67	208.15	208.17	208.19	208.21	208.19	208.17	208.15	207.67	207.80	208.65	208.65	208.65	208.65	208.65	208.65				
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+140.00



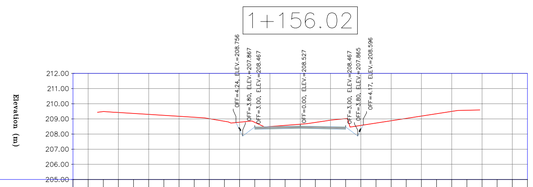
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PROJECT ELEVATION									207.89	207.76	208.24	208.49	208.26	208.28	208.28	208.28	208.26	208.24	208.24	207.76	207.89	208.78	208.78	208.78	208.78				
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+150.00



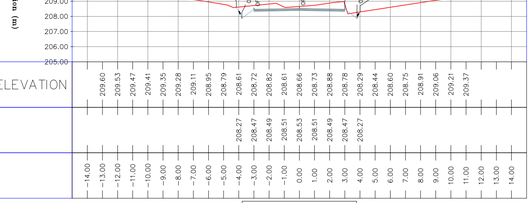
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PROJECT ELEVATION									208.09	208.27	208.43	208.45	208.47	208.49	208.47	208.45	208.43	208.27	208.09	208.09									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+156.02



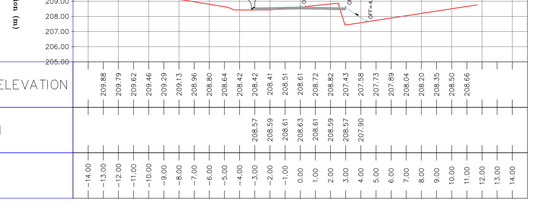
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PROJECT ELEVATION									208.27	208.47	208.49	208.49	208.51	208.53	208.51	208.49	208.47	208.27											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+160.00



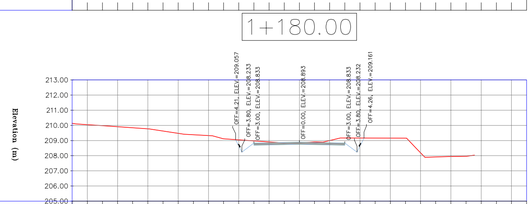
NATURAL GROUND ELEVATION	209.60	209.53	209.47	209.41	209.35	209.28	209.11	208.95	208.79	208.61	208.72	208.82	208.61	208.66	208.53	208.88	208.78	208.29	208.44	208.60	208.75	208.91	209.06	209.21	209.37				
PROJECT ELEVATION										208.27	208.47	208.49	208.51	208.51	208.51	208.49	208.47	208.27											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+170.00



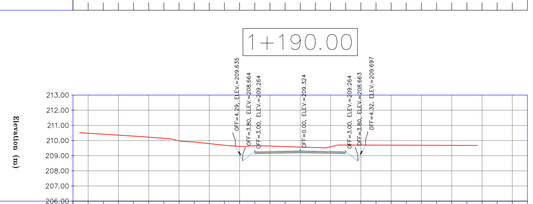
NATURAL GROUND ELEVATION	209.88	209.79	209.62	209.46	209.29	209.13	208.96	208.80	208.64	208.42	208.42	208.41	208.51	208.61	208.61	208.72	208.82	207.43	207.58	207.73	207.89	208.04	208.20	208.35	208.50	208.66			
PROJECT ELEVATION										208.57	208.59	208.61	208.63	208.61	208.61	208.59	208.57	207.90											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+180.00



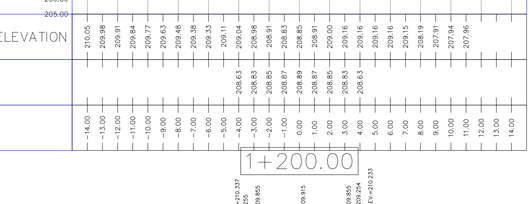
NATURAL GROUND ELEVATION	210.05	209.98	209.91	209.84	209.77	209.63	209.48	209.38	209.33	209.11	209.04	208.98	208.91	208.83	208.85	208.91	209.00	209.16	209.16	209.16	209.15	208.19	207.91	207.94	207.96				
PROJECT ELEVATION										208.63	208.83	208.85	208.87	208.89	208.85	208.53	208.63												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+190.00



NATURAL GROUND ELEVATION	210.48	210.42	210.35	210.29	210.22	210.15	209.98	209.90	209.80	209.69	209.62	209.65	209.63	209.60	209.57	209.54	209.59	209.70	209.70	209.70	209.69	209.69	209.69	209.69	209.68	209.68			
PROJECT ELEVATION										209.06	209.26	209.28	209.30	209.32	209.30	209.28	209.26	209.06											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+200.00



NATURAL GROUND ELEVATION	210.72	210.66	210.60	210.55	210.48	210.41	210.36	210.33	210.29	210.26	210.23	210.20	210.16	210.17	210.24	210.23	210.23	210.23	210.22	210.22	210.22								
PROJECT ELEVATION										209.66	209.86	209.88	209.90	209.92	209.90	209.88	209.86	209.65											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- 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:	MSL

4- 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-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

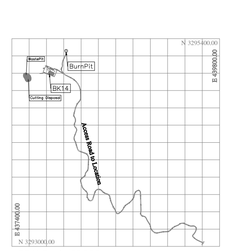
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report - BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - BK14	BK-BK14-PEDCO-110-CV-MT-0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	46 OF 99	D05

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

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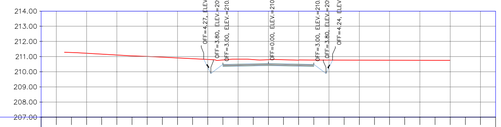
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

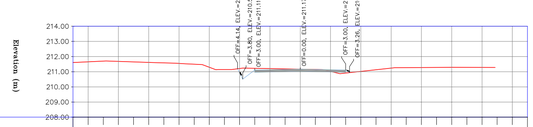
APPROVED FOR CONSTRUCTION				BY:	DATE:	
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	46	D05

1+210.00



NATURAL GROUND ELEVATION	211.27	211.22	211.16	211.10	211.04	211.01	210.96	210.91	210.86	210.81	210.78	210.83	210.80	210.80	210.79	210.76	210.77	210.77	210.77	210.76	210.76	210.76	210.76	210.75	210.75
PROJECT ELEVATION										210.29	210.49	210.51	210.53	210.55	210.53	210.51	210.49	210.29							
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+220.00



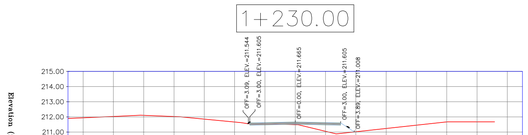
NATURAL GROUND ELEVATION	211.65	211.70	211.68	211.65	211.62	211.58	211.54	211.49	211.29	211.15	211.21	211.22	211.21	211.19	211.17	211.15	211.15	211.02	210.91	211.02	211.13	211.24	211.27	211.28	211.28	211.29	211.29	211.29	211.29
PROJECT ELEVATION											210.91	211.11	211.13	211.15	211.17	211.15	211.15	211.13	211.11										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+221.12



NATURAL GROUND ELEVATION	211.68	211.72	211.73	211.70	211.67	211.63	211.60	211.55	211.25	211.23	211.28	211.26	211.24	211.23	211.21	211.19	211.04	210.91	211.01	211.12	211.23	211.32	211.33	211.34	211.35	211.35
PROJECT ELEVATION											210.98	211.18	211.20	211.22	211.24	211.22	211.20	211.18								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+230.00



NATURAL GROUND ELEVATION	211.94	211.99	212.03	212.07	212.06	212.02	211.95	211.85	211.76	211.66	211.53	211.53	211.51	211.49	211.29	211.05	210.91	211.02	211.13	211.24	211.34	211.45	211.56	211.67	211.67	211.67
PROJECT ELEVATION											211.60	211.62	211.64	211.66	211.64	211.62	211.60									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+240.00



NATURAL GROUND ELEVATION	212.14	212.20	212.27	212.33	212.39	212.45	212.25	212.19	212.13	212.06	211.99	212.01	212.08	212.17	212.23	210.94	210.97	211.08	211.18	211.29	211.39	211.50	211.60	211.71	211.81	211.92	212.03
PROJECT ELEVATION											211.73	211.93	211.95	211.97	211.99	211.97	211.95	211.93	211.27								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+250.00



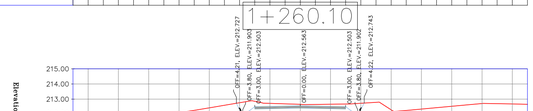
NATURAL GROUND ELEVATION	211.85	211.91	211.98	212.04	212.10	212.17	212.23	212.30	212.36	212.31	212.27	212.24	212.22	212.26	212.28	212.26	212.24	212.22	212.14	211.53	211.60	211.70	211.80	211.90	212.00	212.10	212.20	212.30	212.37
PROJECT ELEVATION											212.02	212.22	212.24	212.26	212.28	212.26	212.24	212.22	211.55								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+260.00



NATURAL GROUND ELEVATION	211.82	211.88	211.95	212.02	212.09	212.26	212.43	212.59	212.76	212.65	212.71	212.68	212.65	212.66	212.68	212.73	212.79	212.29	212.25	212.34	212.43	212.53	212.62	212.71	212.70	212.68
PROJECT ELEVATION										212.30	212.50	212.52	212.54	212.56	212.54	212.52	212.50	212.30								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+260.10



NATURAL GROUND ELEVATION	211.82	211.88	211.95	212.01	212.10	212.26	212.43	212.60	212.76	212.86	212.72	212.69	212.65	212.67	212.68	212.73	212.79	212.30	212.26	212.35	212.44	212.53	212.62	212.71	212.70	212.68
PROJECT ELEVATION										212.30	212.50	212.52	212.54	212.56	212.54	212.52	212.50	212.30								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+270.00



NATURAL GROUND ELEVATION	212.12	212.28	212.44	212.60	212.76	212.92	213.08	213.23	213.39	213.32	213.09	212.82	212.84	213.06	213.06	213.07	213.08	213.08	213.09	213.14	212.83	212.91	212.89	213.08	213.05	213.03	213.00	212.97
PROJECT ELEVATION											212.58	212.78	212.80	212.82	212.82	212.80	212.78	212.58									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+280.00



NATURAL GROUND ELEVATION	212.95	213.10	213.25	213.40	213.54	213.69	213.79	213.89	213.94	213.82	213.69	213.57	213.37	213.39	213.44	213.49	213.49	213.46	213.43	213.39	213.36	213.33	213.30	213.26	213.23
PROJECT ELEVATION								212.87	213.07	213.09	213.11	213.13	213.09	213.07	212.86										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

NOTES

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ELLIPSOID :	WORLD GEODETIC SYSTEM 1984 (WGS84)
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VERTICAL DATUM:	MSL

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LEGEND

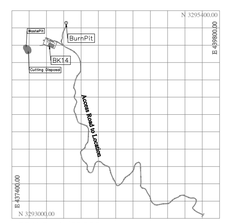
WELL LOCATION		CANAL	
WELL		RIVER	
SITE		WATER COURSE	
CAMP SITE	60 / 50	CONTOURS	
ASPHALT ROAD	99.27	SPOT HEIGHT	
GRAVEL ROAD		BENCH MARK	
PROPOSED ROAD		BRIDGE	
DAYLIGHT		CULVERT	

REFERENCE DRAWING	DRG. No.
General Civil Layout -BK14	BK-BK14-PEDCO-110-CV-PY-0001
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EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	47 OF 99	D05

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

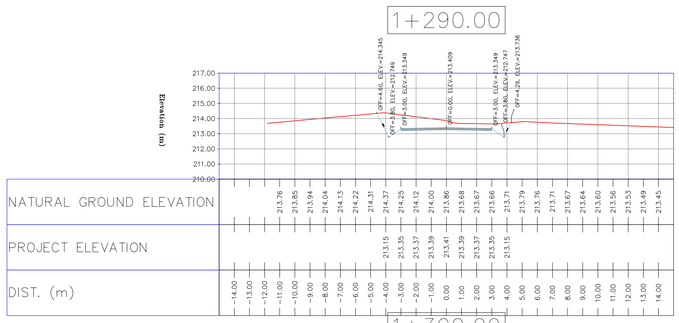
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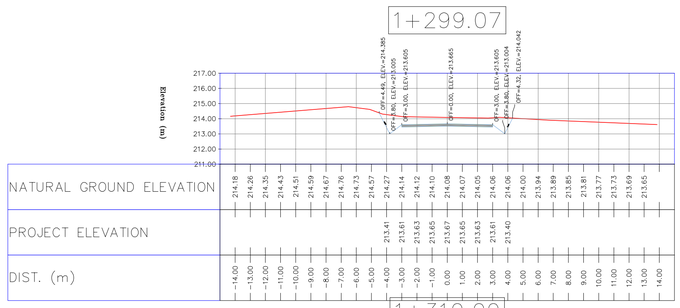
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

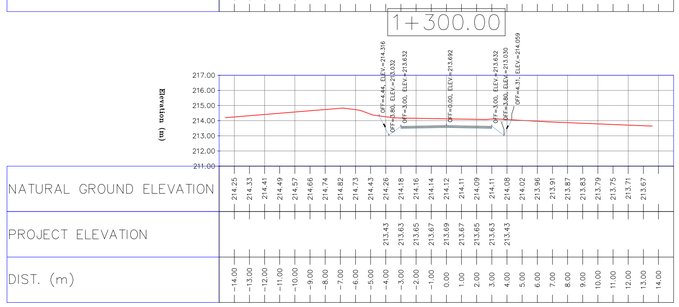
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

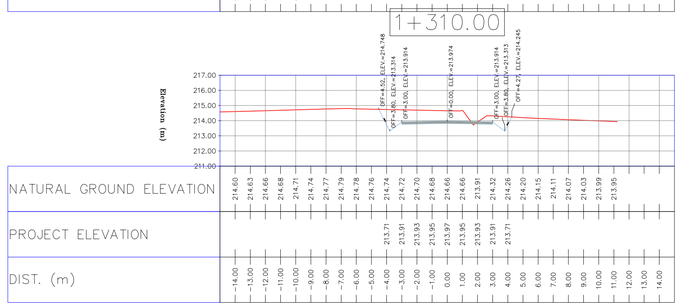
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

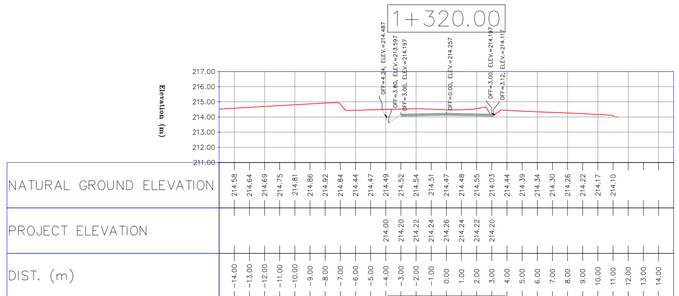
APPROVED FOR CONSTRUCTION				BY:	DATE:	
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	47	D05

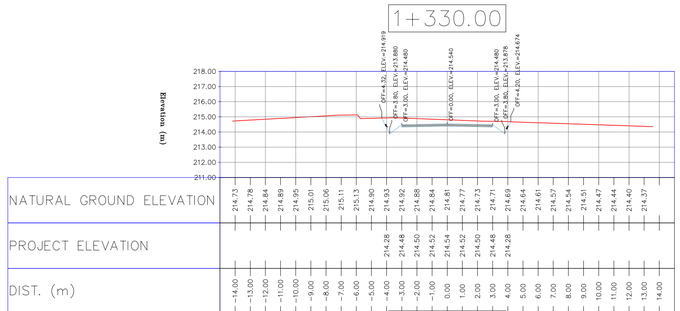


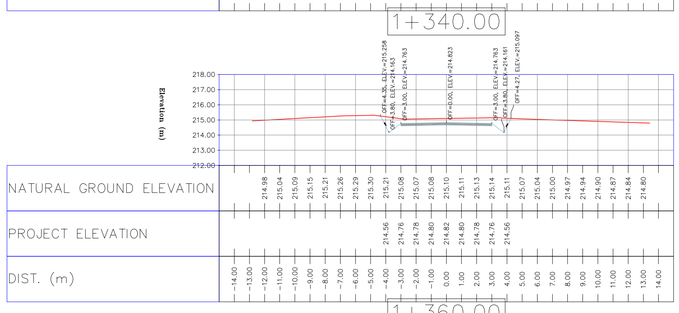


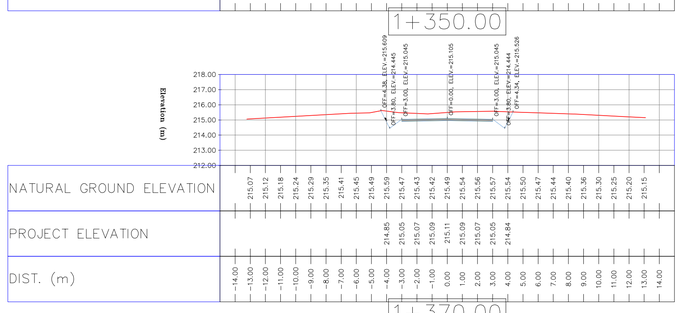


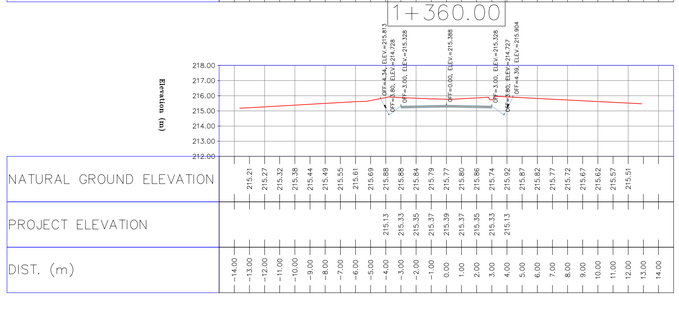


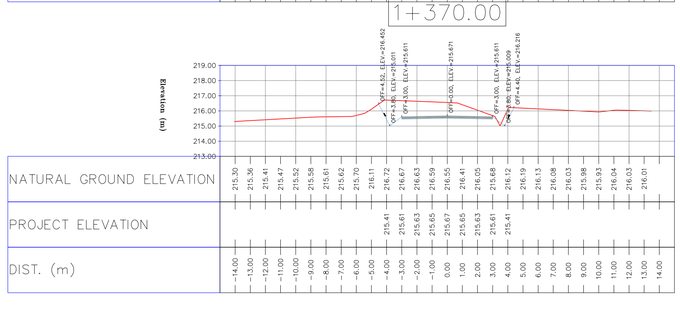












NOTES

1–ALL COORDINATES AND ELEVATIONS ARE IN METER.

2–ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.

3–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:	MSL

4–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–GNRAL–PEDCO–000–CV–SP–0004".
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LEGEND

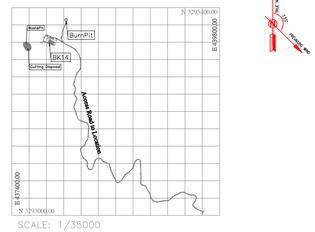
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK–BK14–PEDCO–110–CV–PY–0001
Rough Grading Plan–BK14	BK–BK14–PEDCO–110–CV–PY–0003
Specification For Earth Work	BK–GNRAL–PEDCO–000–CV–SP–0004
Standard Drawing For Slope Protection Details	BK–GNRAL–PEDCO–000–CV–DW–0002
Geotechnical Investigation Report – BK14	BK–BK14–PEDCO–110–GT–RT–0001
Specification For Road & Paving	BK–GNRAL–PEDCO–000–CV–SP–0002
MTO For Civil Works – BK14	BK–BK14–PEDCO–110–CV–MT–0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
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BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB–SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14
ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK–BK14–PEDCO–110–CV–DW–0001	48 OF 99	D05

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

BINAK OILFIELD DEVELOPMENT
SUB–SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

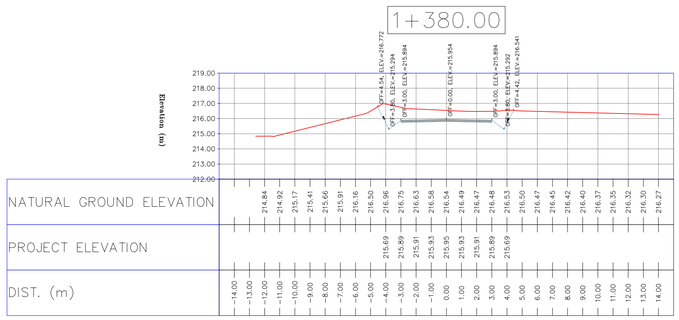
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

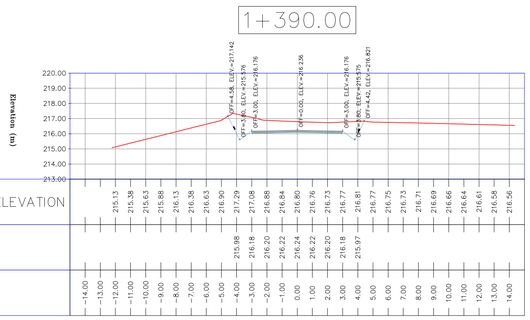
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053–073–9184	F	4	S	708209	48	D05

1+380.00



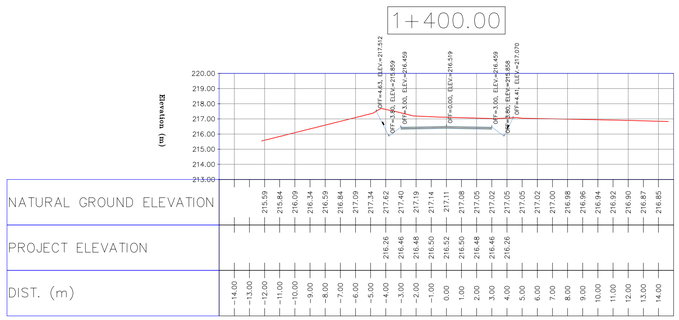
NATURAL GROUND ELEVATION	214.84	214.92	215.17	215.41	215.66	215.91	216.16	216.50	216.96	216.75	216.63	216.58	216.54	216.49	216.47	216.48	216.53	216.50	216.47	216.45	216.42	216.40	216.37	216.35	216.32	216.30	216.27		
PROJECT ELEVATION								215.69	215.89	215.91	215.93	215.95	215.93	215.91	215.89	215.69													
DIST. (m)	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+390.00



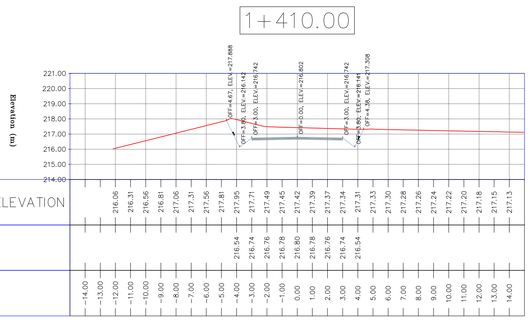
NATURAL GROUND ELEVATION	215.13	215.38	215.63	215.88	216.13	216.38	216.63	216.90	217.29	217.08	216.88	216.84	216.80	216.76	216.73	216.77	216.81	216.77	216.75	216.73	216.71	216.69	216.66	216.64	216.61	216.58	216.56		
PROJECT ELEVATION								216.98	216.18	216.20	216.22	216.24	216.22	216.20	216.18	215.97													
DIST. (m)	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+400.00



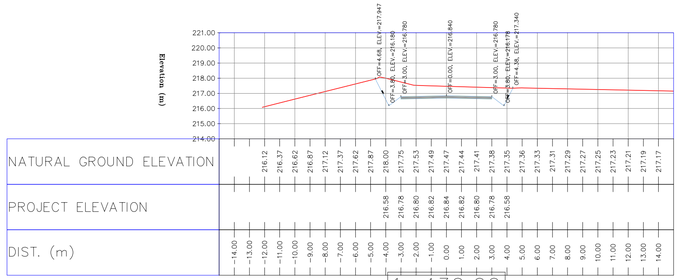
NATURAL GROUND ELEVATION	215.59	215.84	216.09	216.34	216.59	216.84	217.09	217.34	217.62	217.40	217.19	217.14	217.11	217.08	217.05	217.02	217.05	217.05	217.02	217.00	216.98	216.96	216.94	216.92	216.90	216.87	216.85		
PROJECT ELEVATION								216.26	216.46	216.48	216.50	216.52	216.50	216.48	216.46	216.26													
DIST. (m)	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+410.00



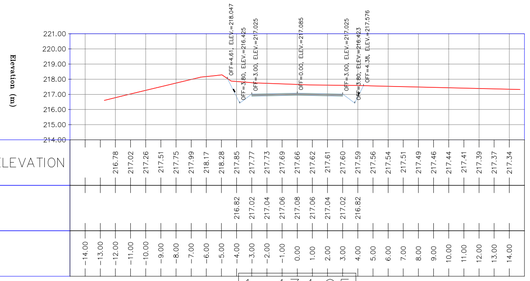
NATURAL GROUND ELEVATION	216.06	216.31	216.56	216.81	217.06	217.31	217.56	217.81	217.95	217.71	217.49	217.45	217.42	217.39	217.37	217.34	217.31	217.33	217.30	217.28	217.26	217.24	217.22	217.20	217.18	217.15	217.13		
PROJECT ELEVATION								216.54	216.74	216.76	216.78	216.80	216.78	216.76	216.74	216.54													
DIST. (m)	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+411.33



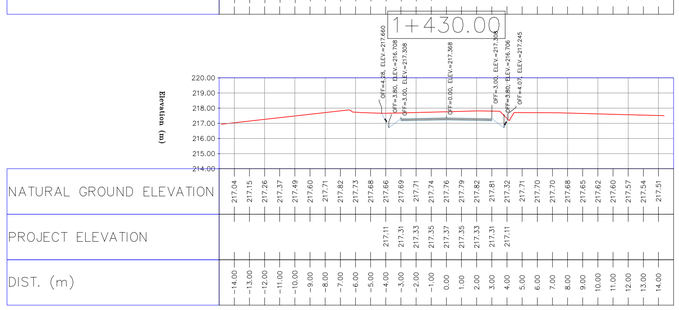
NATURAL GROUND ELEVATION	216.12	216.37	216.62	216.87	217.12	217.37	217.62	217.87	218.00	217.75	217.53	217.49	217.47	217.44	217.41	217.38	217.35	217.36	217.33	217.31	217.29	217.27	217.25	217.23	217.21	217.19	217.17		
PROJECT ELEVATION								216.58	216.78	216.80	216.82	216.84	216.82	216.80	216.78	216.58													
DIST. (m)	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+420.00



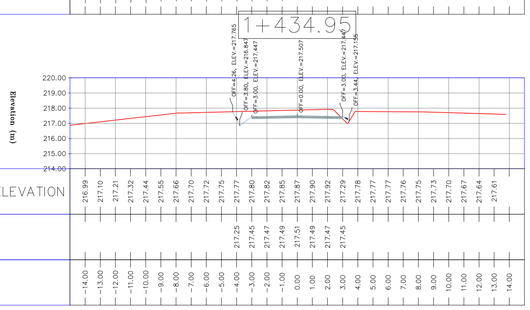
NATURAL GROUND ELEVATION	216.78	217.02	217.26	217.51	217.75	217.99	218.17	218.28	217.85	217.77	217.73	217.69	217.66	217.62	217.61	217.60	217.59	217.56	217.54	217.51	217.49	217.46	217.44	217.41	217.39	217.37	217.34		
PROJECT ELEVATION								216.82	217.02	217.04	217.06	217.08	217.06	217.04	217.02	216.82													
DIST. (m)	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+430.00



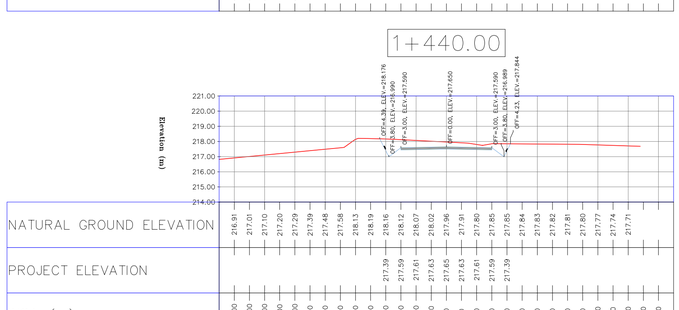
NATURAL GROUND ELEVATION	217.04	217.15	217.26	217.37	217.49	217.60	217.71	217.82	217.73	217.68	217.66	217.69	217.71	217.74	217.76	217.79	217.82	217.81	217.32	217.71	217.70	217.70	217.68	217.65	217.62	217.60	217.57	217.54	217.51
PROJECT ELEVATION									217.11	217.31	217.33	217.35	217.37	217.35	217.33	217.31	217.11												
DIST. (m)	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+434.95



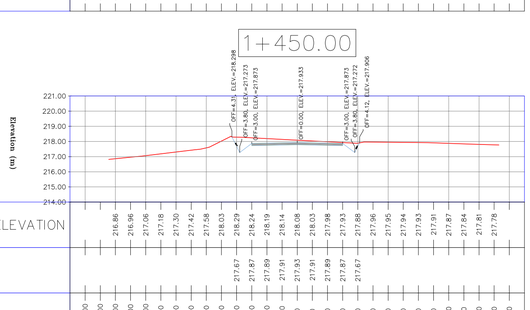
NATURAL GROUND ELEVATION	216.99	217.10	217.21	217.32	217.55	217.66	217.70	217.72	217.75	217.77	217.80	217.82	217.85	217.87	217.90	217.92	217.29	217.78	217.77	217.77	217.76	217.75	217.73	217.70	217.67	217.64	217.61		
PROJECT ELEVATION									217.25	217.45	217.47	217.49	217.51	217.49	217.47	217.45													
DIST. (m)	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+440.00



NATURAL GROUND ELEVATION	216.91	217.01	217.10	217.20	217.29	217.39	217.48	217.58	218.13	218.19	218.16	218.12	218.07	218.02	217.96	217.91	217.80	217.85	217.65	217.84	217.83	217.82	217.81	217.80	217.77	217.74	217.71		
PROJECT ELEVATION									217.39	217.59	217.61	217.63	217.65	217.63	217.61	217.59	217.39												
DIST. (m)	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+450.00



NATURAL GROUND ELEVATION	216.86	216.96	217.06	217.18	217.30	217.42	217.58	218.03	218.29	218.24	218.19	218.14	218.08	218.03	217.98	217.93	217.88	217.96	217.95	217.94	217.93	217.91	217.87	217.84	217.81	217.78			
PROJECT ELEVATION									217.67	217.87	217.89	217.91	217.93	217.91	217.89	217.87	217.67												
DIST. (m)	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

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LEGEND

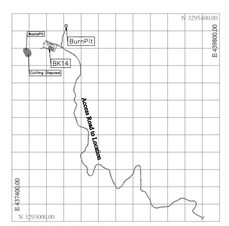
⊙	WELL LOCATION	→	CANAL
●	WELL		RIVER
	SITE		WATER COURSE
	CAMP SITE	60 / 50	CONTOURS
	ASPHALT ROAD	99.27	SPOT HEIGHT
	GRAVEL ROAD	△	BENCH MARK
	PROPOSED ROAD		BRIDGE
	DAYLIGHT		CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report - BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - BK14	BK-BK14-PEDCO-110-CV-MT-0001

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EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
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D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
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D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

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/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	49 OF 99	D05

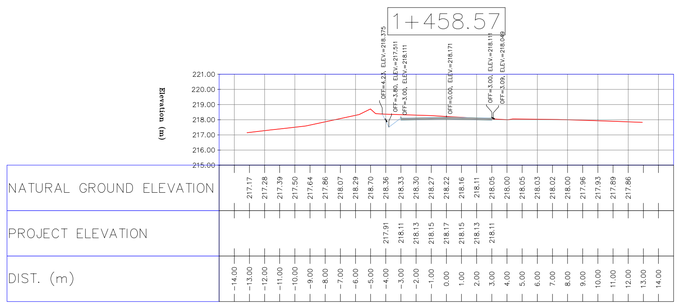
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

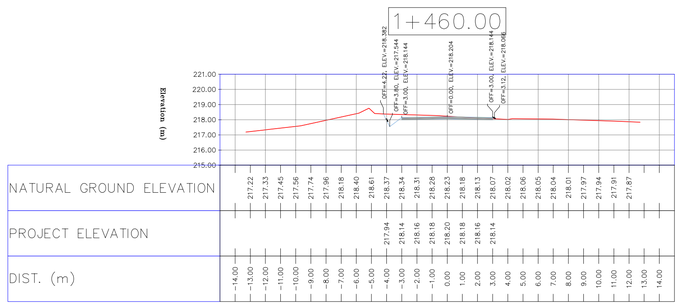
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

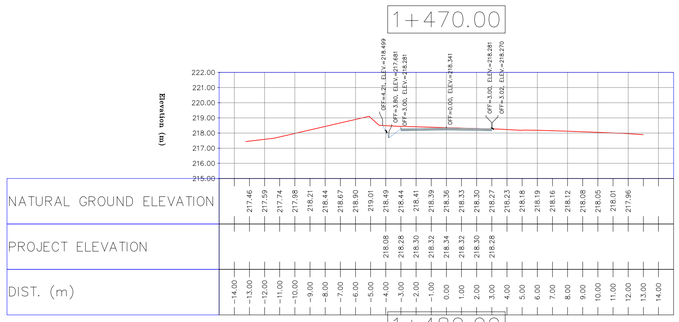
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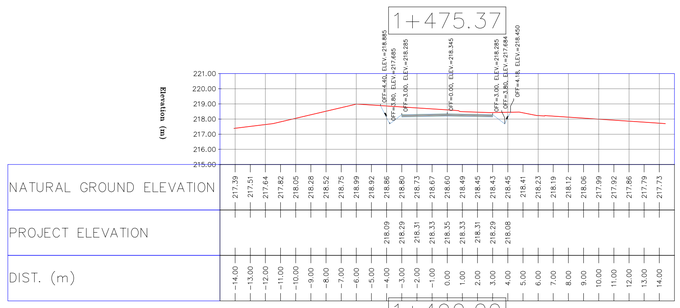
APPROVED FOR CONSTRUCTION | BY: | DATE:

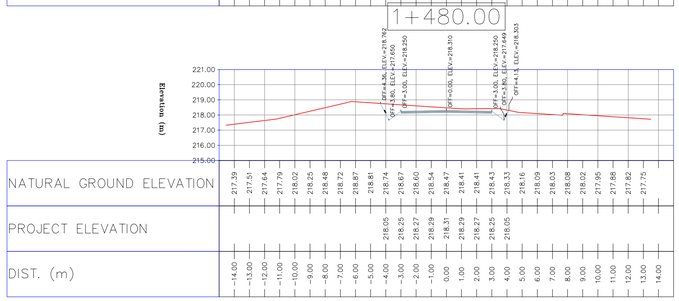
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053-073-9184	F	4	S	708209	49	D05

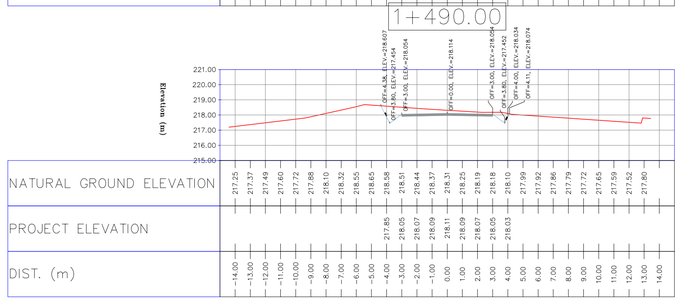


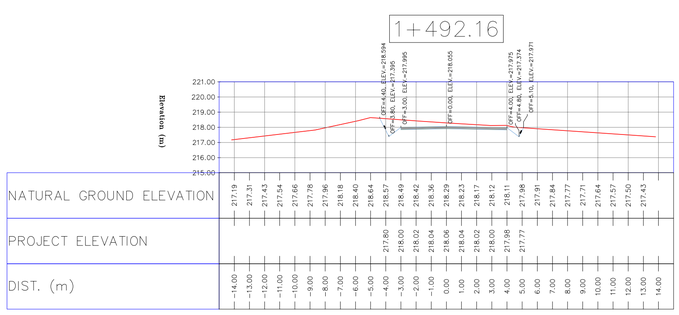


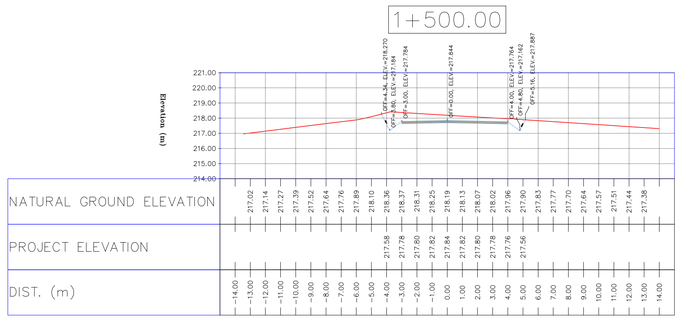


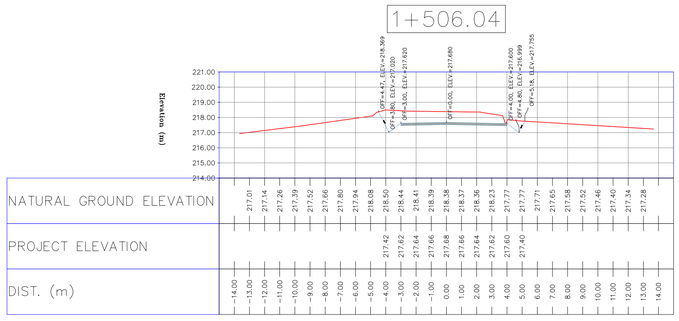


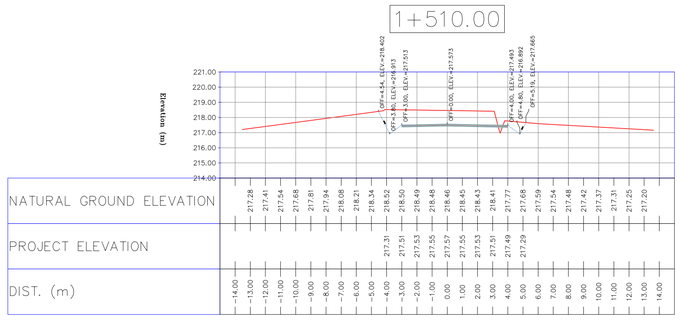












NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.

2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.

3- 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:	MSL

4- 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-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

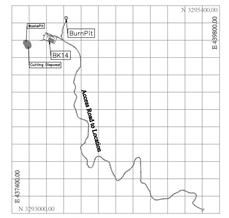
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report – BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works – BK14	BK-BK14-PEDCO-110-CV-MT-0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	50 OF 99	D05

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
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

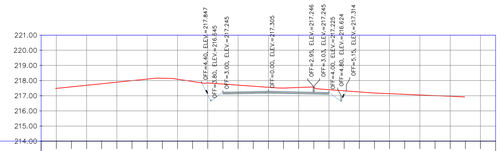
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NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

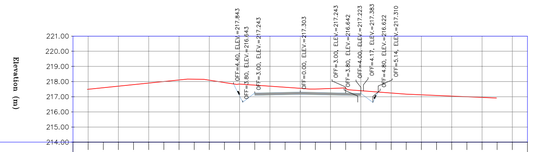
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053-073-9184	F	4	S	708209	50	D05

1+519.91



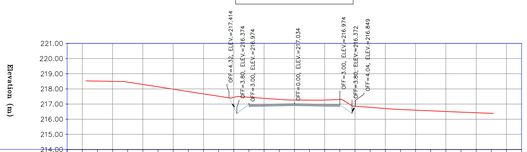
NATURAL GROUND ELEVATION	217.48	217.59	217.69	217.79	217.89	217.99	218.10	218.15	218.09	217.94	217.84	217.77	217.70	217.63	217.56	217.51	217.55	217.55	217.40	217.33	217.25	217.18	217.13	217.09	217.05	217.01	216.96			
PROJECT ELEVATION											217.05	217.25	217.27	217.29	217.31	217.29	217.27	217.25	217.23	217.02										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+520.00



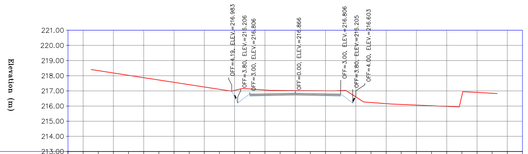
NATURAL GROUND ELEVATION	217.49	217.59	217.70	217.80	217.90	218.00	218.11	218.16	218.09	217.94	217.84	217.77	217.70	217.62	217.55	217.51	217.55	217.55	217.40	217.32	217.25	217.17	217.13	217.09	217.04	217.00	216.96			
PROJECT ELEVATION											217.04	217.24	217.26	217.28	217.30	217.28	217.26	217.24	217.22	217.02										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+530.00



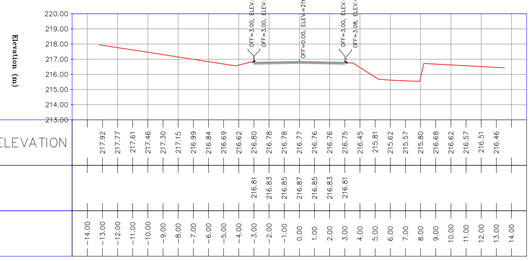
NATURAL GROUND ELEVATION	218.51	218.50	218.44	218.29	218.14	217.98	217.83	217.67	217.52	217.44	217.45	217.37	217.30	217.26	217.26	217.26	217.30	216.85	216.78	216.70	216.64	216.60	216.55	216.51	216.47	216.43	216.38			
PROJECT ELEVATION										216.77	216.97	216.99	217.01	217.03	217.01	217.01	216.99	216.97	216.77											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+540.00



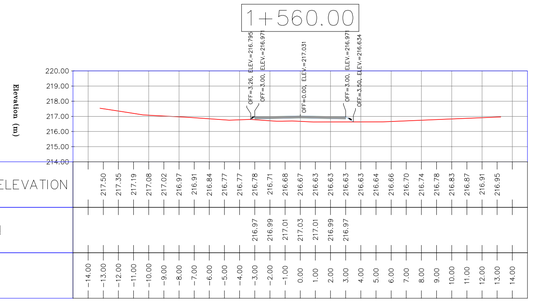
NATURAL GROUND ELEVATION	218.34	218.18	218.03	217.87	217.72	217.57	217.41	217.26	217.10	217.03	217.12	217.05	217.02	217.02	217.01	217.00	217.02	216.60	216.23	216.16	216.11	216.06	216.02	215.98	215.93	215.90	215.84			
PROJECT ELEVATION										216.61	216.81	216.83	216.85	216.87	216.85	216.83	216.81													
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+550.00



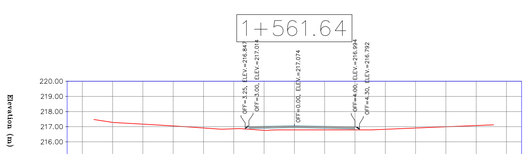
NATURAL GROUND ELEVATION	217.92	217.77	217.61	217.46	217.30	217.15	216.99	216.84	216.69	216.62	216.80	216.78	216.78	216.77	216.87	216.85	216.76	216.83	216.75	216.81	215.62	215.52	215.82	216.68	216.62	216.57	216.51	216.46		
PROJECT ELEVATION											216.81	216.83	216.85	216.87	216.85	216.83	216.81													
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+560.00



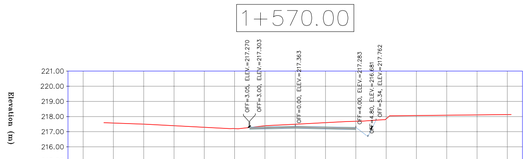
NATURAL GROUND ELEVATION	217.50	217.35	217.19	217.03	216.97	216.91	216.84	216.77	216.78	216.71	216.68	216.67	216.63	216.63	216.63	216.63	216.64	216.66	216.70	216.74	216.78	216.83	216.87	216.91	216.95					
PROJECT ELEVATION										216.97	216.99	217.01	217.03	217.01	217.01	216.99	216.97													
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+561.64



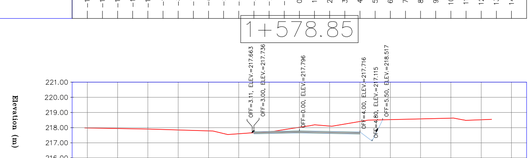
NATURAL GROUND ELEVATION	217.44	217.28	217.22	217.16	217.11	217.05	216.98	216.91	216.85	216.86	216.83	216.76	216.79	216.79	216.79	216.79	216.79	216.79	216.83	216.87	216.91	216.95	217.00	217.04	217.08	217.12				
PROJECT ELEVATION										217.01	217.03	217.05	217.07	217.05	217.03	217.01	216.99													
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+570.00



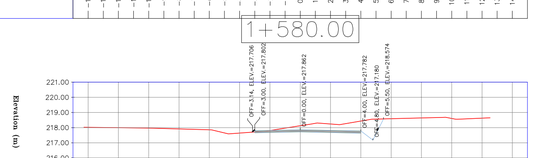
NATURAL GROUND ELEVATION	217.57	217.53	217.49	217.44	217.39	217.34	217.29	217.23	217.20	217.28	217.39	217.44	217.49	217.55	217.60	217.65	217.69	217.74	217.84	218.05	218.06	218.07	218.09	218.10	218.11	218.12	218.13			
PROJECT ELEVATION										217.30	217.32	217.34	217.36	217.34	217.32	217.30	217.28	217.08												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+578.85



NATURAL GROUND ELEVATION	217.98	217.96	217.94	217.93	217.91	217.88	217.85	217.82	217.79	217.61	217.60	217.67	217.74	217.87	218.02	218.18	218.10	218.23	218.40	218.51	218.53	218.55	218.58	218.60	218.63	218.48	218.52			
PROJECT ELEVATION										217.74	217.76	217.78	217.80	217.78	217.76	217.74	217.72	217.51												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+580.00



NATURAL GROUND ELEVATION	218.02	218.01	217.99	217.98	217.97	217.94	217.91	217.89	217.86	217.65	217.64	217.72	217.81	217.97	218.12	218.29	218.24	218.26	218.43	218.56	218.59	218.61	218.64	218.66	218.60	218.58	218.62			
PROJECT ELEVATION										217.80	217.82	217.84	217.86	217.84	217.82	217.80	217.78	217.58												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

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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:	MSL

4- 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-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

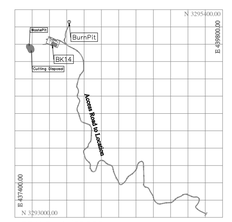
	WELL LOCATION		CANAL
	WELL		RIVER
	SITE		WATER COURSE
	CAMP SITE	60 / 50	CONTOURS
	ASPHALT ROAD	99.27	SPOT HEIGHT
	GRAVEL ROAD		BENCH MARK
	PROPOSED ROAD		BRIDGE
	DAYLIGHT		CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report – BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works – BK14	BK-BK14-PEDCO-110-CV-MT-0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	51 OF 99	D05

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
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

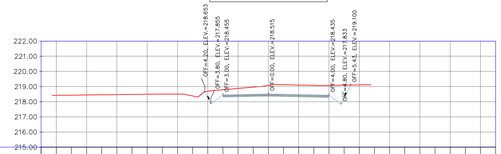
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NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

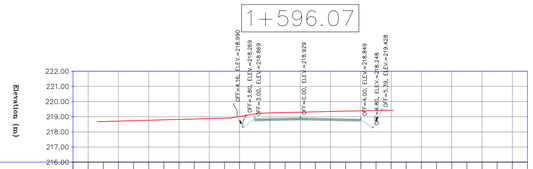
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053-073-9184	F	4	S	708209	51	D05

1+590.00



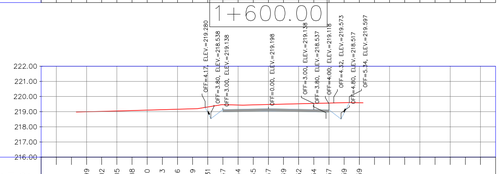
NATURAL GROUND ELEVATION	218.42	218.43	218.45	218.46	218.47	218.48	218.49	218.51	218.51	218.38	218.69	218.60	218.88	218.97	219.09	219.12	219.10	219.08	219.08	219.09	219.11							
PROJECT ELEVATION											218.25	218.45	218.47	218.49	218.51	218.49	218.47	218.45	218.43	218.23								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+596.07



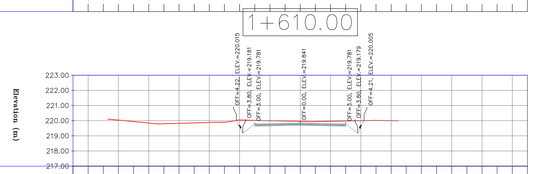
NATURAL GROUND ELEVATION	218.68	218.71	218.74	218.77	218.79	218.82	218.85	218.88	218.90	219.02	219.18	219.25	219.28	219.30	219.32	219.35	219.37	219.39	219.42	219.42								
PROJECT ELEVATION											218.67	218.87	218.89	218.91	218.91	218.91	218.89	218.87	218.85	218.65								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+600.00



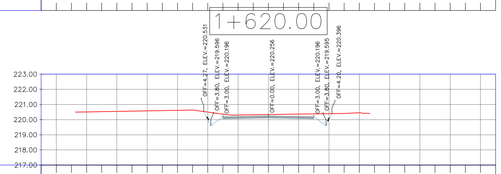
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PROJECT ELEVATION										218.94	219.14	219.16	219.18	219.20	219.16	219.16	219.12	218.92										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+610.00



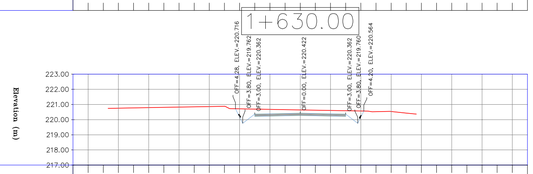
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PROJECT ELEVATION								219.58	219.78	219.80	219.82	219.84	219.82	219.80	219.78	219.58												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+620.00



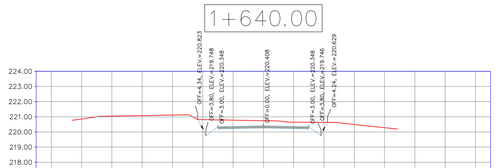
NATURAL GROUND ELEVATION	220.50	220.52	220.54	220.56	220.57	220.59	220.61	220.63	220.50	220.36	220.30	220.32	220.34	220.35	220.37	220.38	220.39	220.41	220.45									
PROJECT ELEVATION										220.00	220.20	220.22	220.24	220.26	220.24	220.22	220.20	219.99										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+630.00



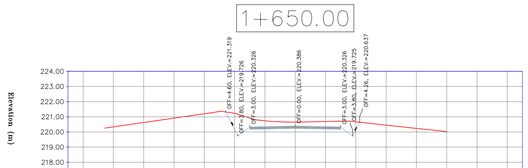
NATURAL GROUND ELEVATION	220.76	220.77	220.79	220.81	220.83	220.84	220.86	220.88	220.71	220.69	220.68	220.66	220.64	220.62	220.60	220.59	220.57	220.52	220.53	220.43								
PROJECT ELEVATION										220.36	220.38	220.40	220.42	220.40	220.38	220.36	220.16											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+640.00



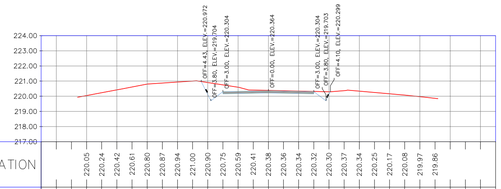
NATURAL GROUND ELEVATION	220.85	221.00	221.04	221.06	221.08	221.10	221.11	221.13	220.81	220.79	220.78	220.76	220.74	220.72	220.64	220.63	220.60	220.49	220.38	220.28								
PROJECT ELEVATION										220.15	220.35	220.37	220.39	220.41	220.39	220.37	220.35	220.15										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+650.00



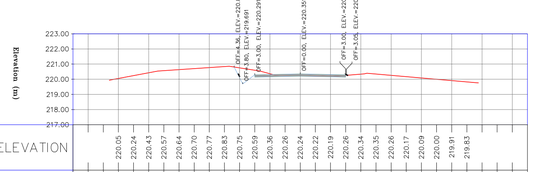
NATURAL GROUND ELEVATION	220.34	220.48	220.62	220.77	220.91	221.05	221.20	221.36	221.23	220.91	220.74	220.67	220.65	220.67	220.69	220.71	220.66	220.56	220.45	220.34	220.23	220.13	220.02					
PROJECT ELEVATION										220.13	220.33	220.35	220.37	220.39	220.37	220.35	220.33	220.12										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+660.00



NATURAL GROUND ELEVATION	220.05	220.24	220.42	220.61	220.80	220.87	220.94	221.00	220.90	220.75	220.59	220.41	220.38	220.36	220.34	220.32	220.30	220.37	220.34	220.25	220.17	220.08	219.97	219.86				
PROJECT ELEVATION									220.10	220.30	220.32	220.34	220.36	220.34	220.32	220.30	220.10											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+664.85



NATURAL GROUND ELEVATION	220.05	220.24	220.43	220.57	220.64	220.70	220.77	220.83	220.75	220.59	220.36	220.26	220.24	220.22	220.19	220.26	220.34	220.35	220.26	220.17	220.09	220.00	219.91	219.83				
PROJECT ELEVATION									220.09	220.29	220.31	220.33	220.35	220.33	220.31	220.29												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.

2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.

3- 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:	MSL

4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
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LEGEND

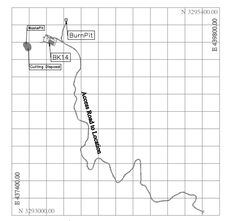
WELL LOCATION		CANAL	
WELL		RIVER	
SITE		WATER COURSE	
CAMP SITE	60 / 50	CONTOURS	
ASPHALT ROAD	99.27	SPOT HEIGHT	
GRAVEL ROAD		BENCH MARK	
PROPOSED ROAD		BRIDGE	
DAYLIGHT		CULVERT	

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report – BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works – BK14	BK-BK14-PEDCO-110-CV-MT-0001

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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	52 OF 99	D05

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

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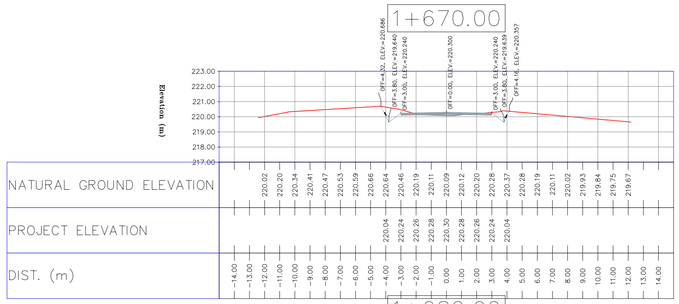
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

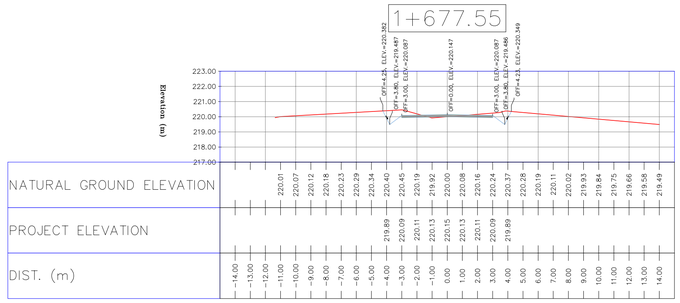
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

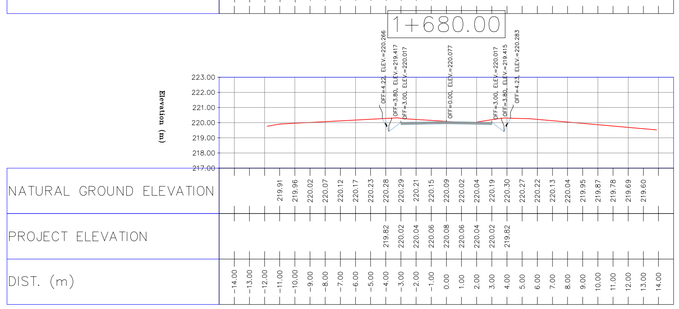
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

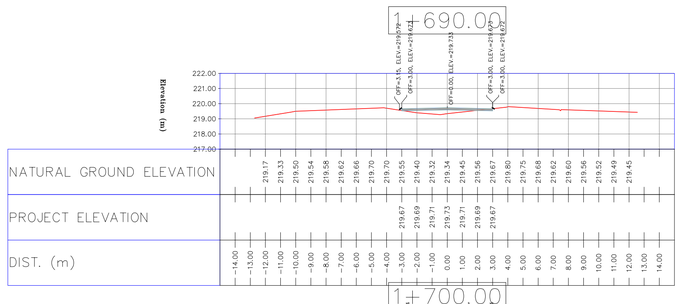
APPROVED FOR CONSTRUCTION | BY: | DATE:

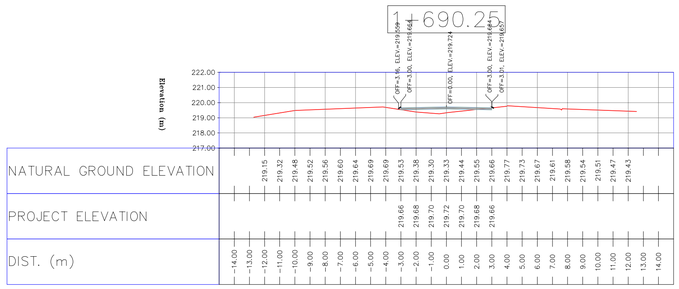
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053-073-9184	F	4	S	708209	52	D05

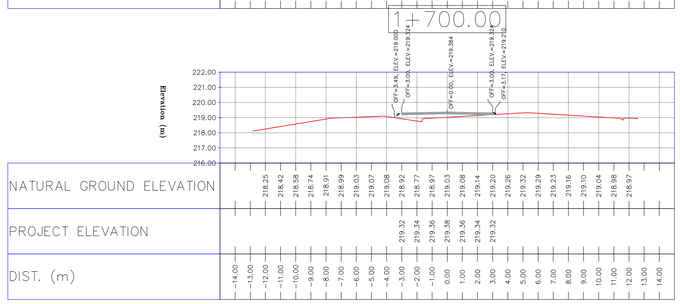


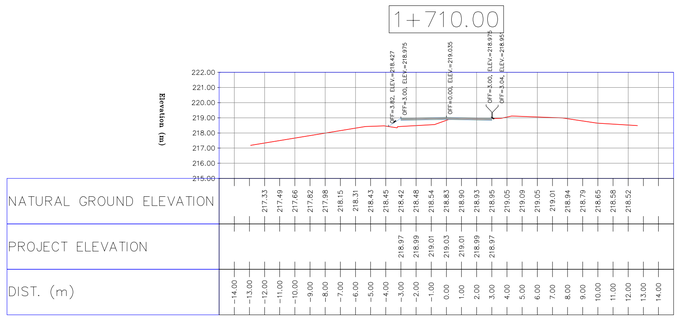


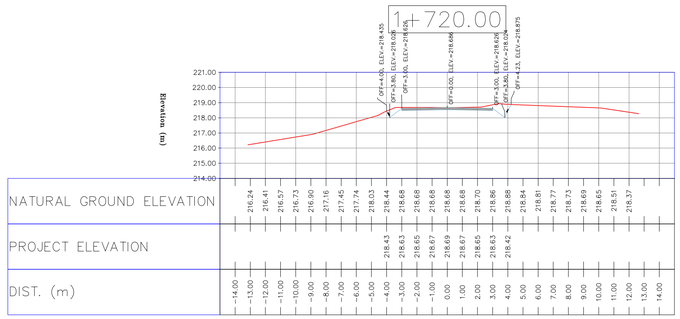


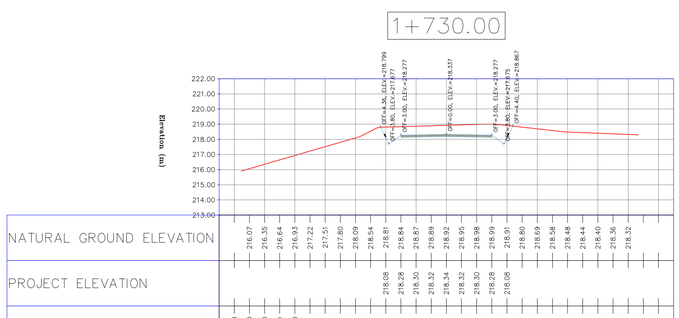


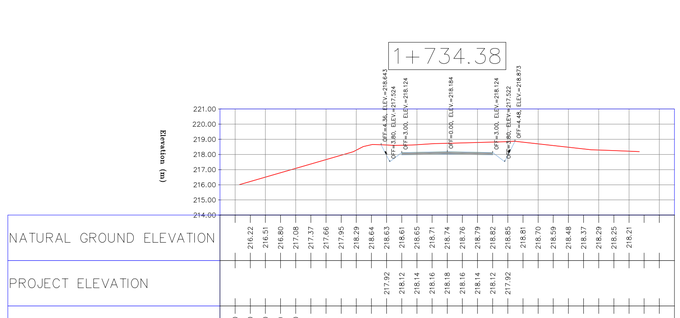












NOTES

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2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.

3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:

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ELLIPSOID :	WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION:	UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM:	MSL

4- 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-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

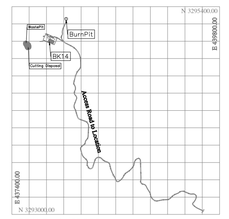
	WELL LOCATION		CANAL
	WELL		RIVER
	SITE		WATER COURSE
	CAMP SITE	60 / 50	CONTOURS
	ASPHALT ROAD	99.27	SPOT HEIGHT
	GRAVEL ROAD		BENCH MARK
	PROPOSED ROAD		BRIDGE
	DAYLIGHT		CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan–BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report – BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works – BK14	BK-BK14-PEDCO-110-CV-MT-0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14
ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	53 OF 99	D05

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
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

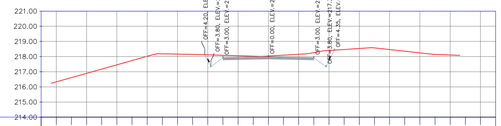
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION	BY:	DATE:

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053-073-9184	F	4	S	708209	53	D05

1+740.00



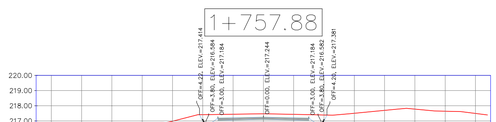
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PROJECT ELEVATION											217.73	217.93	217.95	218.05	217.97	217.99	217.95	217.93	217.73										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+750.00



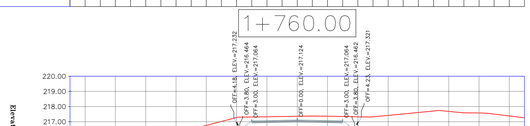
NATURAL GROUND ELEVATION	215.59	215.87	216.15	216.43	216.71	216.99	217.27	217.55	217.82	217.82	217.81	217.79	217.76	217.74	217.71	217.68	217.65	217.64	217.72	217.81	217.89	217.97	218.06	218.14	218.06	217.95	217.86	217.84
PROJECT ELEVATION											217.36	217.56	217.58	217.60	217.62	217.60	217.58	217.56	217.36										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+757.88



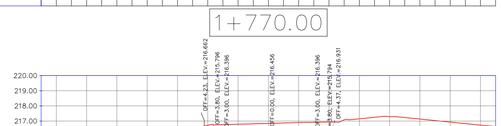
NATURAL GROUND ELEVATION	215.18	215.43	215.69	215.95	216.21	216.46	216.72	216.98	217.23	217.42	217.43	217.44	217.45	217.47	217.45	217.43	217.41	217.39	217.41	217.50	217.60	217.69	217.79	217.78	217.64	217.62	217.49	
PROJECT ELEVATION											216.98	217.18	217.20	217.22	217.24	217.22	217.20	217.18	216.98										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+760.00



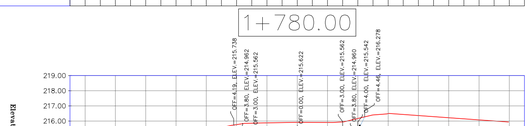
NATURAL GROUND ELEVATION	215.19	215.45	215.71	215.97	216.23	216.50	216.76	217.02	217.28	217.31	217.32	217.34	217.36	217.37	217.36	217.35	217.33	217.33	217.42	217.52	217.61	217.71	217.68	217.59	217.58	217.50	217.38	
PROJECT ELEVATION										216.86	217.06	217.08	217.10	217.12	217.10	217.08	217.06	216.86										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+770.00



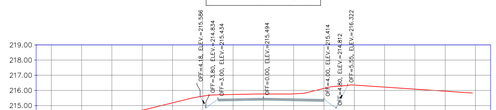
NATURAL GROUND ELEVATION	214.38	214.64	214.90	215.16	215.42	215.68	215.94	216.20	216.46	216.72	216.76	216.79	216.82	216.85	216.88	216.90	216.92	216.94	217.08	217.15	217.25	217.29	217.24	217.14	217.04	216.94	216.84	216.74
PROJECT ELEVATION											216.20	216.40	216.42	216.44	216.46	216.44	216.42	216.40	216.19										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+780.00



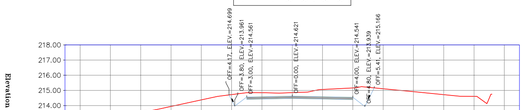
NATURAL GROUND ELEVATION	213.87	214.11	214.35	214.59	214.83	215.07	215.32	215.56	215.77	215.86	215.88	215.90	215.91	215.91	215.91	215.94	216.17	216.40	216.49	216.43	216.36	216.29	216.22	216.15	216.07	216.00		
PROJECT ELEVATION										215.36	215.56	215.58	215.60	215.62	215.60	215.58	215.56	215.54										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+781.38



NATURAL GROUND ELEVATION	213.71	213.96	214.20	214.44	214.69	214.93	215.18	215.42	215.61	215.70	215.73	215.74	215.75	215.76	215.77	215.89	216.13	216.28	216.35	216.28	216.21	216.15	216.08	216.01	215.95	215.88		
PROJECT ELEVATION										215.23	215.43	215.45	215.47	215.49	215.47	215.45	215.43	215.41	215.21									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+790.00



NATURAL GROUND ELEVATION	213.07	213.29	213.50	213.72	213.94	214.15	214.37	214.59	214.72	214.85	214.84	214.82	214.85	214.88	215.06	215.11	215.16	215.21	215.11	215.01	214.91	214.82	214.72	214.62	214.60	214.47		
PROJECT ELEVATION									214.36	214.56	214.58	214.60	214.62	214.60	214.58	214.56	214.54	214.34										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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LEGEND

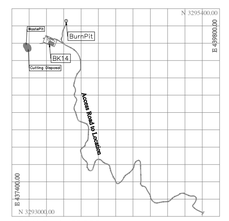
	WELL LOCATION		CANAL
	WELL		RIVER
	SITE		WATER COURSE
	CAMP SITE	60 / 50	CONTOURS
	ASPHALT ROAD	99.27	SPOT HEIGHT
	GRAVEL ROAD		BENCH MARK
	PROPOSED ROAD		BRIDGE
	DAYLIGHT		CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK-BK14-PEDCO-110-CV-PY-0001
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Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	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/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	54 OF 99	D05

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

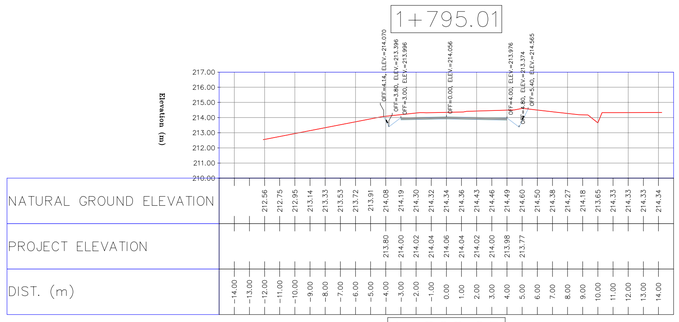
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

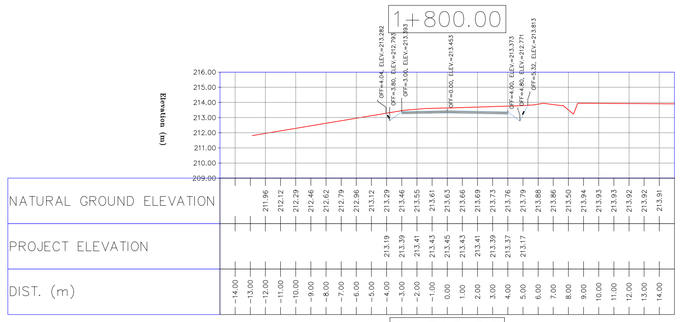
APPROVED FOR CONSTRUCTION | BY: | DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	54	D05

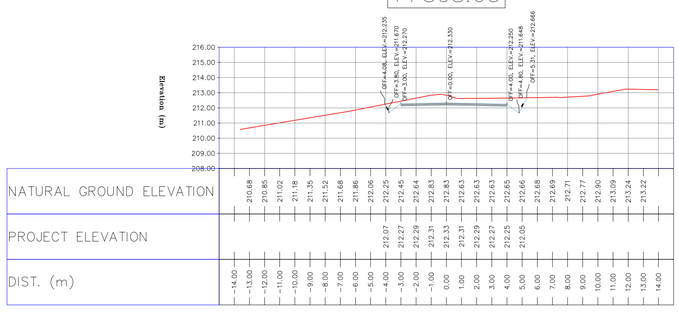
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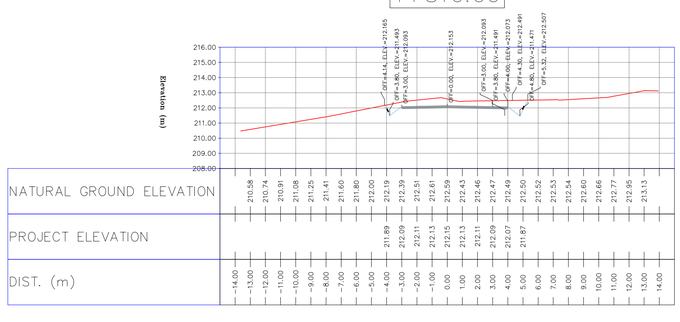
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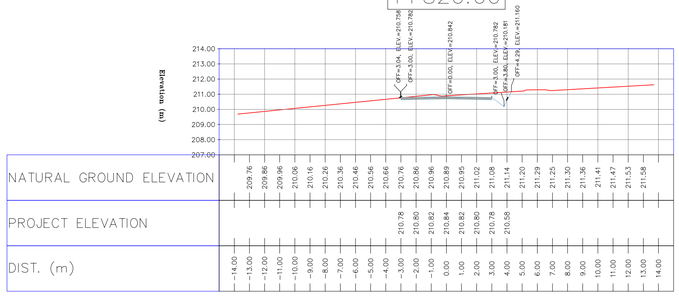
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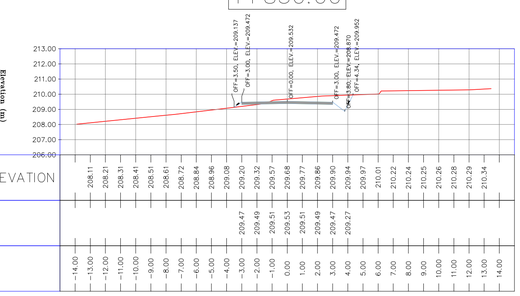
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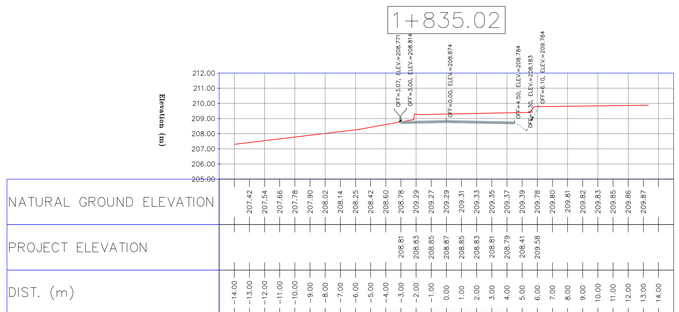
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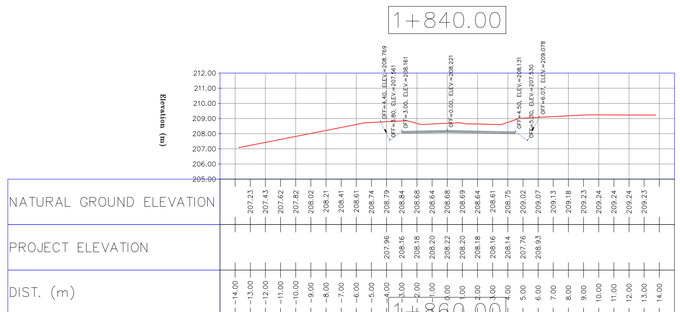
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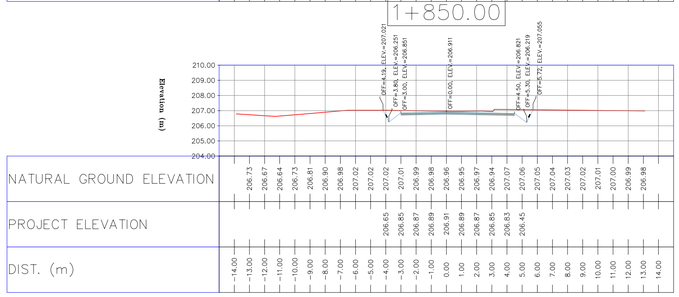
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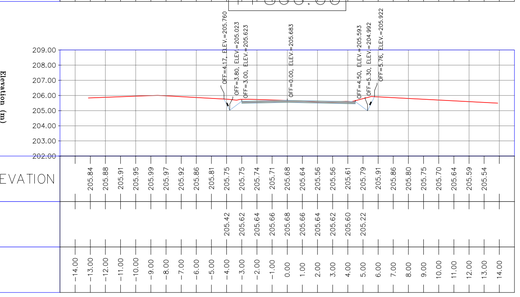
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1+850.00



1+860.00



NOTES

1-ALL COORDINATES AND ELEVATIONS ARE IN METER.

2-ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.

3-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:	MSL

4-THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
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- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

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LEGEND

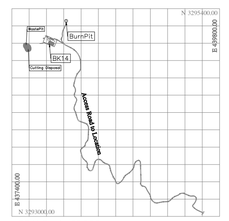
	WELL LOCATION		CANAL
	WELL		RIVER
	SITE		WATER COURSE
	CAMP SITE	60 / 50	CONTOURS
	ASPHALT ROAD	99.27	SPOT HEIGHT
	GRAVEL ROAD		BENCH MARK
	PROPOSED ROAD		BRIDGE
	DAYLIGHT		CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report - BK14	BK-BK14-PEDCO-110-GT-RT-0001
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MTO For Civil Works - BK14	BK-BK14-PEDCO-110-CV-MT-0001

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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14
ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	55 OF 99	D05

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

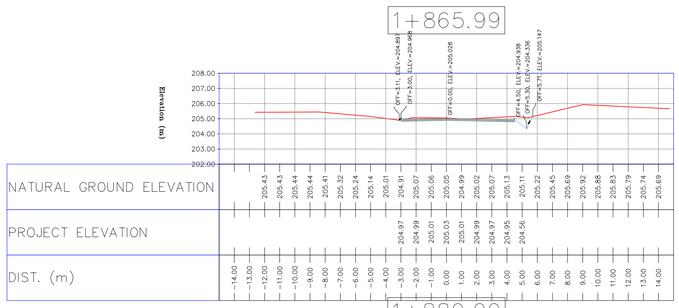
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

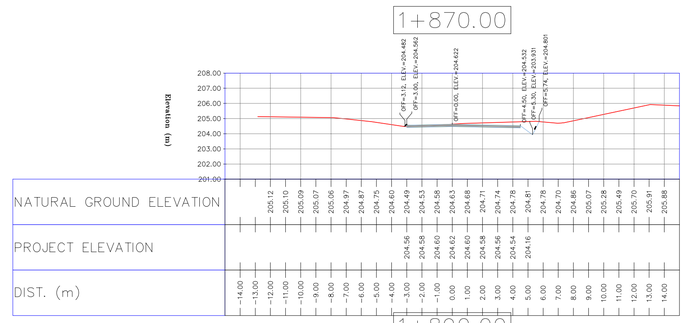
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

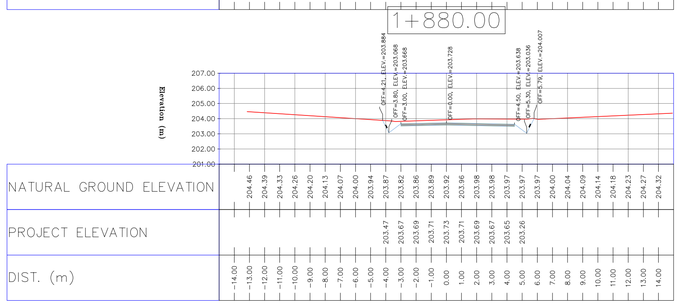
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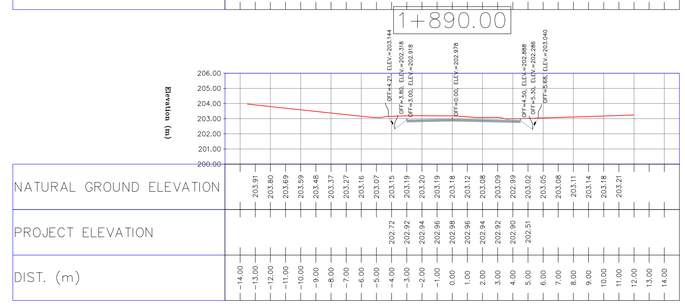
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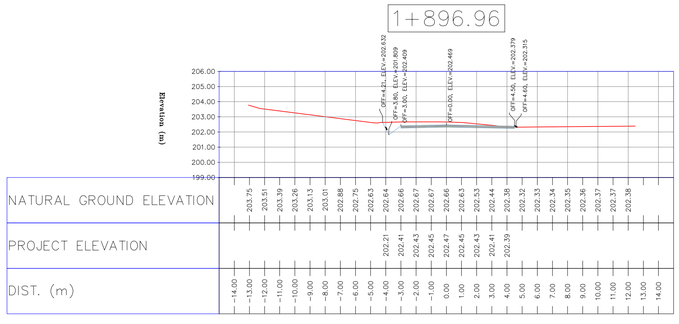
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BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	55	D05

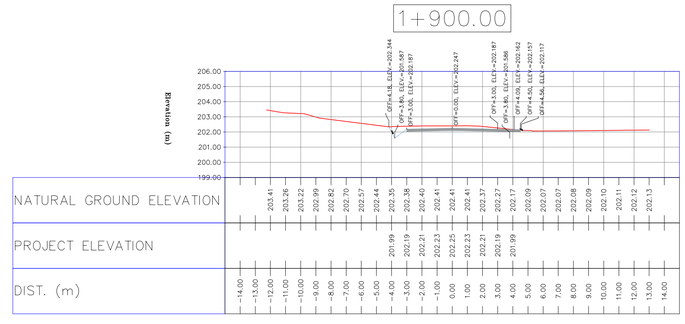


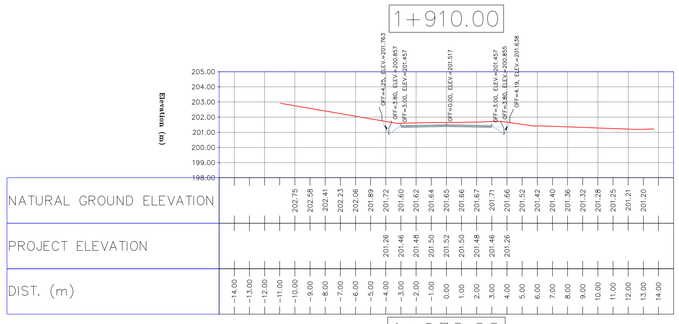


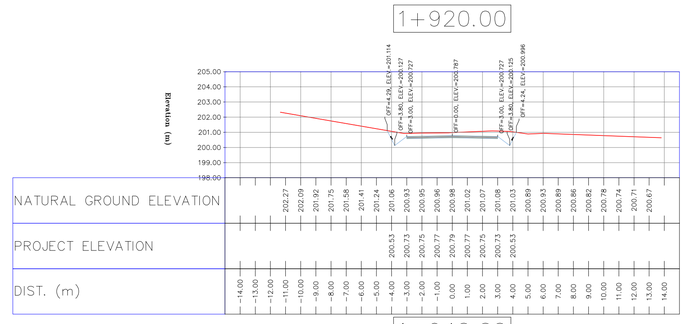


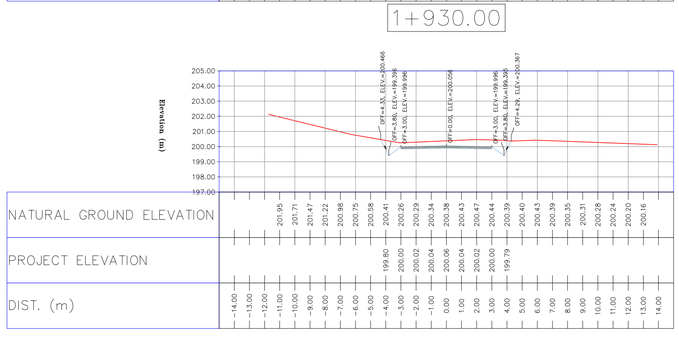


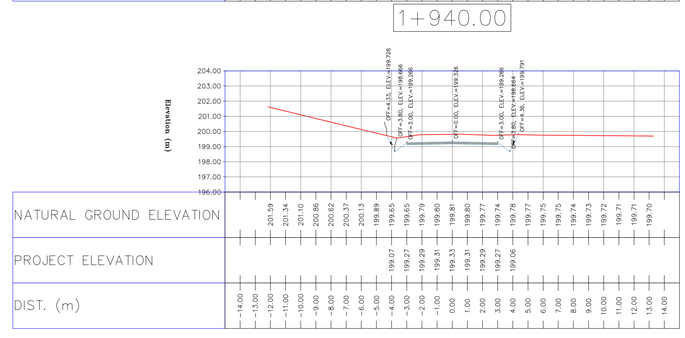












NOTES

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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:	MSL

4–THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
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- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK–GNRAL–PEDCO–000–CV–SP–0004".
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LEGEND

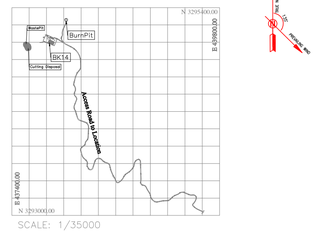
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	WELL		RIVER
	SITE		WATER COURSE
	CAMP SITE	60 / 50	CONTOURS
	ASPHALT ROAD	99.27	SPOT HEIGHT
	GRAVEL ROAD		BENCH MARK
	PROPOSED ROAD		BRIDGE
	DAYLIGHT		CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK–BK14–PEDCO–110–CV–PY–0001
Rough Grading Plan–BK14	BK–BK14–PEDCO–110–CV–PY–0003
Specification For Earth Work	BK–GNRAL–PEDCO–000–CV–SP–0004
Standard Drawing For Slope Protection Details	BK–GNRAL–PEDCO–000–CV–DW–0002
Geotechnical Investigation Report – BK14	BK–BK14–PEDCO–110–GT–RT–0001
Specification For Road & Paving	BK–GNRAL–PEDCO–000–CV–SP–0002
MTO For Civil Works – BK14	BK–BK14–PEDCO–110–CV–MT–0001

ABBREVIATION

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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB–SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14
ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK–BK14–PEDCO–110–CV–DW–0001	56 OF 99	D05

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
SUB–SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

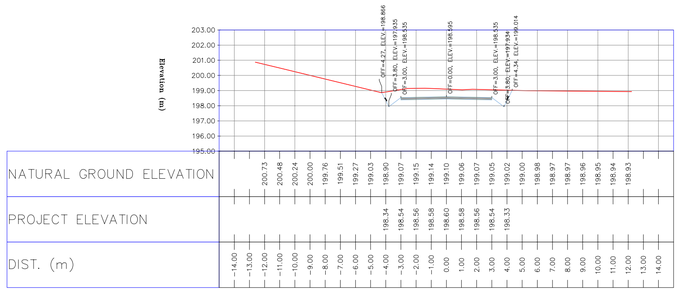
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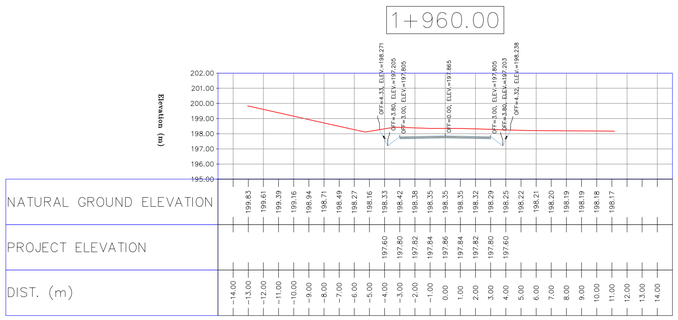
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BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053–073–9184	F	4	S	708209	56	D05

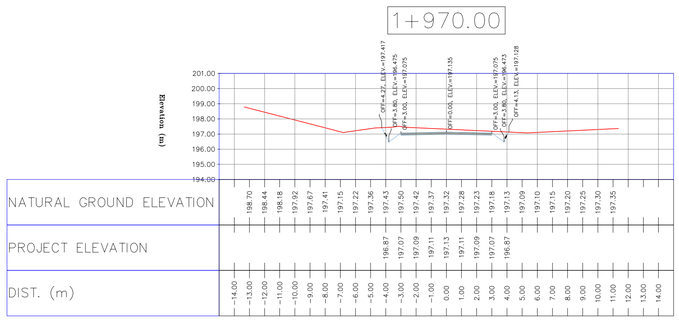
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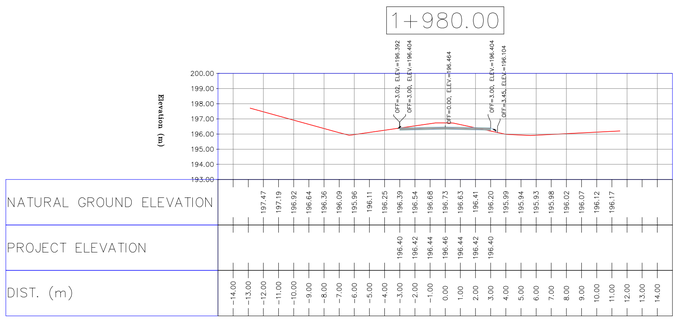
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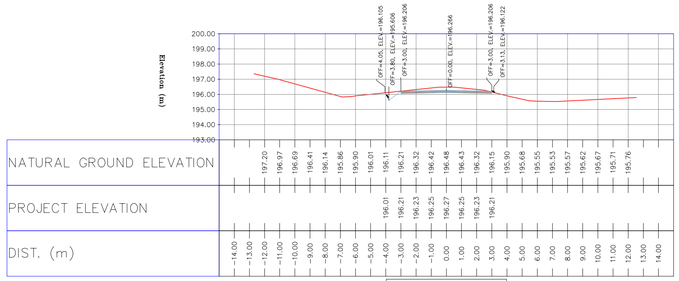
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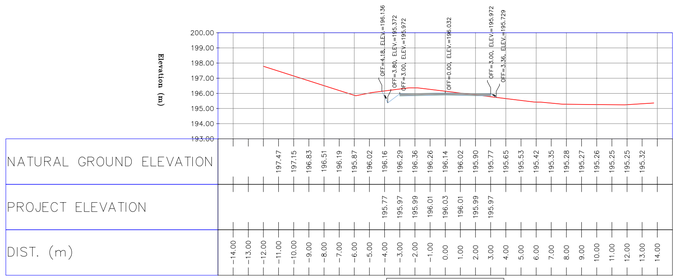
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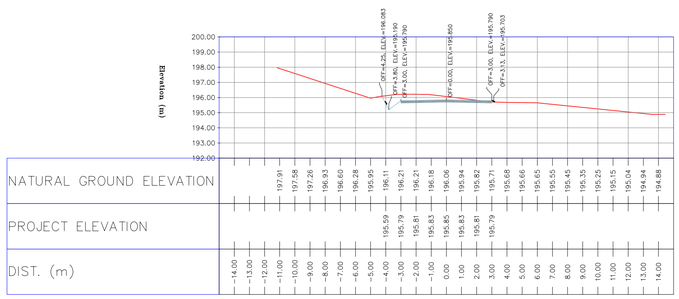
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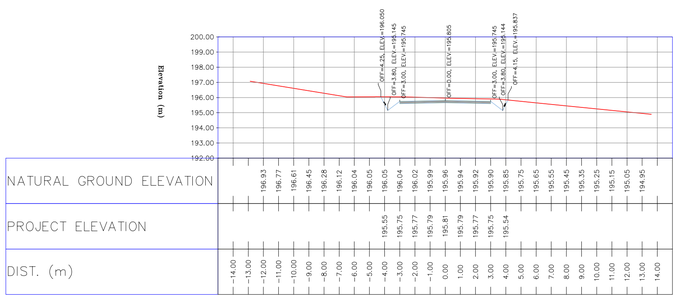
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2+000.00



2+010.00



NOTES

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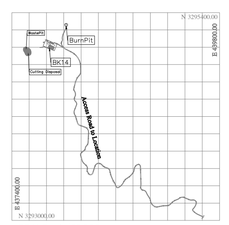
⊙	WELL LOCATION	→	CANAL
●	WELL		RIVER
	SITE		WATER COURSE
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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
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D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	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/SUB–SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

BINAK OILFIELD DEVELOPMENT
SUB–SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14
ACCESS ROAD TRANSVERSAL SECTIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

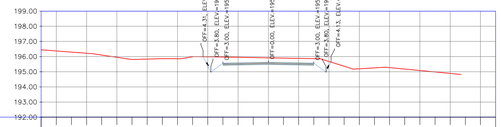
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK–BK14–PEDCO–110–CV–DW–0001	57 OF 99	D05

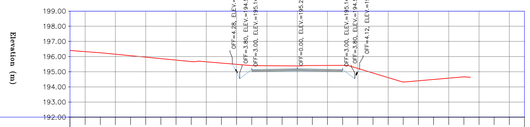
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053–073–9184	F	4	S	708209	57	D05

2+020.00



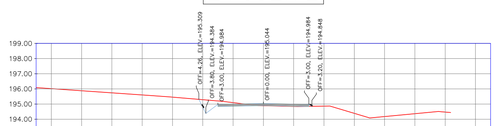
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PROJECT ELEVATION											195.37	195.57	195.59	195.61	195.63	195.61	195.59	195.59	195.57	195.37							
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+030.00



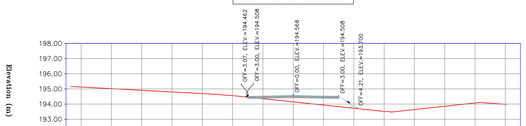
NATURAL GROUND ELEVATION	196.33	196.25	196.16	196.06	195.96	195.87	195.77	195.67	195.65	195.57	195.49	195.40	195.40	195.39	195.39	195.41	195.41	195.42	195.21	194.91	194.61	194.31	194.40	194.49	194.57	194.66
PROJECT ELEVATION											194.94	195.14	195.16	195.18	195.20	195.18	195.16	195.14	194.94							
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+032.72



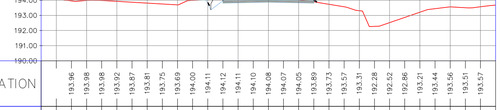
NATURAL GROUND ELEVATION	196.02	195.95	195.88	195.81	195.74	195.67	195.60	195.53	195.45	195.37	195.29	195.20	195.09	194.97	194.89	194.86	194.84	194.86	194.69	194.59	194.09	194.17	194.27	194.36	194.46	194.47
PROJECT ELEVATION											194.78	194.98	195.00	195.02	195.04	195.02	195.00	194.98								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+040.00



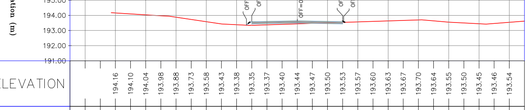
NATURAL GROUND ELEVATION	195.13	195.07	195.02	194.96	194.91	194.85	194.80	194.74	194.69	194.62	194.56	194.45	194.35	194.25	194.14	194.04	193.93	193.83	193.72	193.62	193.51	193.53	193.64	193.75	193.85	193.96	194.07	194.06	193.88
PROJECT ELEVATION											194.51	194.53	194.55	194.57	194.55	194.53	194.51	193.84											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+050.00



NATURAL GROUND ELEVATION	193.96	193.98	193.98	193.92	193.87	193.81	193.75	193.69	194.00	194.11	194.12	194.11	194.10	194.08	194.07	194.05	193.89	193.73	193.57	193.31	192.28	192.52	192.86	193.21	193.44	193.56	193.51	193.57
PROJECT ELEVATION											193.76	193.96	193.98	194.00	194.02	194.00	193.98	193.96										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+060.00



NATURAL GROUND ELEVATION	194.16	194.10	194.04	193.98	193.88	193.73	193.58	193.43	193.38	193.35	193.37	193.40	193.44	193.47	193.50	193.53	193.57	193.60	193.63	193.67	193.70	193.64	193.55	193.50	193.45	193.46	193.54
PROJECT ELEVATION										193.58	193.60	193.62	193.64	193.62	193.60	193.58											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+070.00



NATURAL GROUND ELEVATION	193.58	193.53	193.48	193.43	193.39	193.50	193.60	193.71	193.72	193.76	193.83	193.81	193.80	193.85	193.89	193.92	193.89	193.92	193.89	193.83	193.78	193.72	193.66	193.60	193.55	193.53	193.61
PROJECT ELEVATION									193.17	193.37	193.39	193.41	193.43	193.41	193.39	193.37	193.17										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+080.00



NATURAL GROUND ELEVATION	193.75	193.84	193.93	194.02	194.11	194.20	194.29	194.24	194.16	193.88	193.80	193.78	193.75	193.73	193.70	193.77	193.84	193.90	193.96	193.90	193.84	193.79	193.73	193.67	193.61	193.66	193.73	193.80
PROJECT ELEVATION										193.13	193.33	193.35	193.37	193.39	193.37	193.35	193.12											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.

2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.

3- 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:	MSL

4- 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-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

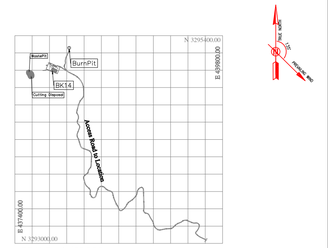
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report – BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works – BK14	BK-BK14-PEDCO-110-CV-MT-0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	58 OF 99	D05

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
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

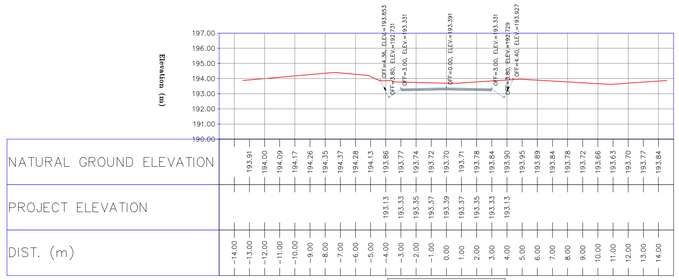
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

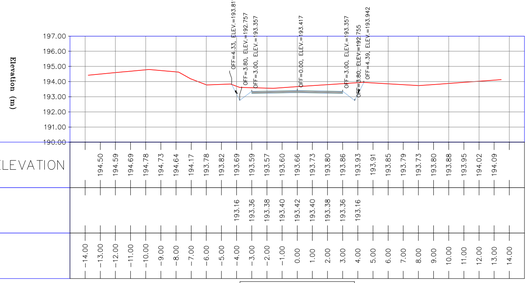
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2+081.55



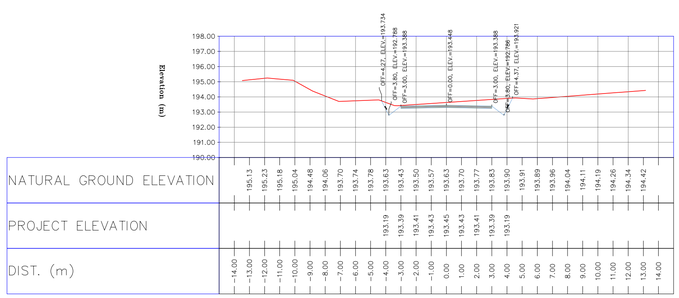
NATURAL GROUND ELEVATION	193.91	194.00	194.09	194.17	194.26	194.35	194.37	194.28	194.13	193.86	193.77	193.74	193.72	193.70	193.71	193.78	193.84	193.90	193.95	193.89	193.84	193.78	193.72	193.66	193.63	193.70	193.77	193.84
PROJECT ELEVATION										193.13	193.33	193.35	193.37	193.39	193.37	193.35	193.33	193.13										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+090.00



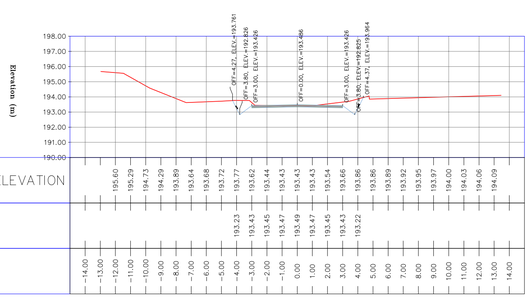
NATURAL GROUND ELEVATION	194.50	194.59	194.69	194.78	194.73	194.64	194.17	193.78	193.82	193.69	193.59	193.57	193.60	193.66	193.73	193.80	193.86	193.93	193.91	193.85	193.79	193.73	193.80	193.88	193.95	194.02	194.09	
PROJECT ELEVATION										193.16	193.36	193.38	193.40	193.40	193.42	193.40	193.38	193.36	193.16									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+100.00



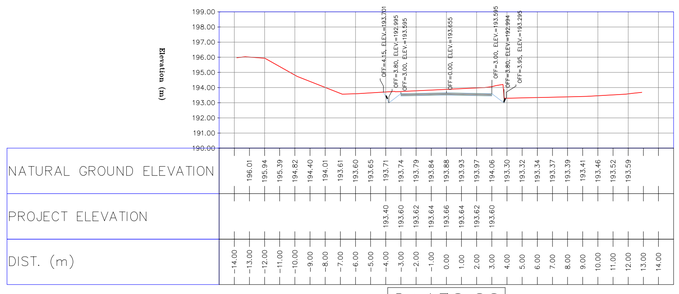
NATURAL GROUND ELEVATION	195.13	195.23	195.18	195.04	194.48	194.06	193.70	193.74	193.78	193.63	193.43	193.50	193.57	193.63	193.70	193.77	193.83	193.90	193.91	193.89	193.96	194.04	194.11	194.19	194.26	194.34	194.42	
PROJECT ELEVATION										193.19	193.39	193.41	193.43	193.45	193.43	193.41	193.39	193.19										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+110.00



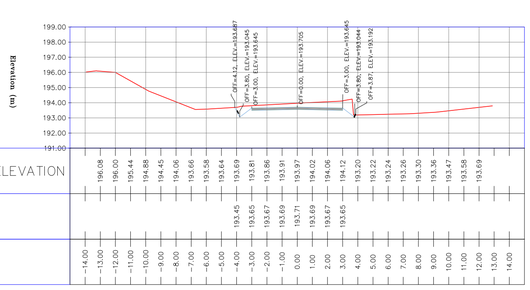
NATURAL GROUND ELEVATION	195.60	195.29	194.73	194.29	193.89	193.64	193.68	193.72	193.77	193.62	193.44	193.43	193.43	193.47	193.49	193.47	193.45	193.43	193.54	193.66	193.86	193.89	193.92	193.95	193.97	194.00	194.03	194.06	194.09
PROJECT ELEVATION									193.23	193.43	193.45	193.47	193.49	193.47	193.45	193.43	193.22												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+118.45



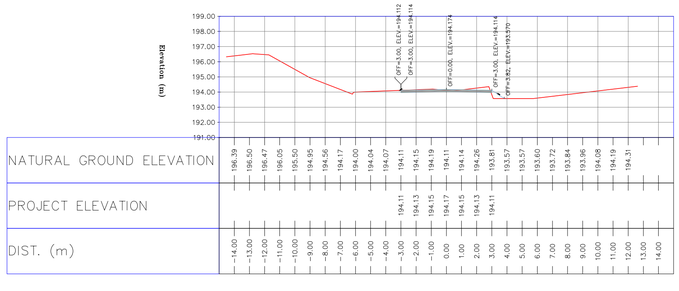
NATURAL GROUND ELEVATION	198.01	195.94	195.39	194.82	194.40	194.01	193.61	193.60	193.65	193.71	193.74	193.79	193.84	193.88	193.93	193.97	194.06	193.30	193.32	193.34	193.37	193.39	193.41	193.46	193.52	193.59		
PROJECT ELEVATION										193.40	193.60	193.62	193.64	193.66	193.64	193.62	193.60											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+120.00



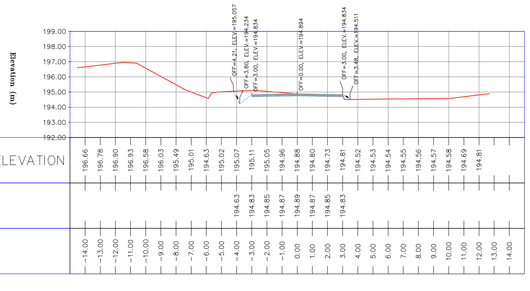
NATURAL GROUND ELEVATION	198.08	196.08	195.44	194.88	194.45	194.06	193.66	193.58	193.64	193.69	193.81	193.86	193.91	193.97	194.02	194.06	194.12	193.20	193.22	193.24	193.26	193.30	193.36	193.47	193.58	193.69		
PROJECT ELEVATION										193.45	193.65	193.67	193.69	193.71	193.69	193.67	193.65											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+130.00



NATURAL GROUND ELEVATION	196.39	196.50	196.47	196.05	195.50	194.95	194.56	194.17	194.00	194.04	194.07	194.11	194.11	194.15	194.19	194.11	194.14	194.26	193.81	193.57	193.60	193.72	193.84	193.96	194.08	194.19	194.31	
PROJECT ELEVATION												194.11	194.13	194.15	194.17	194.15	194.13	194.11										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+140.00



NATURAL GROUND ELEVATION	196.66	196.78	196.90	196.93	196.83	196.58	196.03	195.49	195.01	194.63	195.02	195.07	195.11	195.05	194.96	194.87	194.89	194.87	194.80	194.73	194.81	194.52	194.53	194.54	194.55	194.56	194.57	194.58	194.69	194.81	
PROJECT ELEVATION													194.83	194.85	194.87	194.89	194.87	194.85	194.83											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.

2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.

3- 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:	MSL

4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
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- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

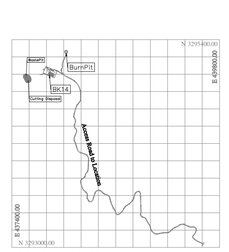
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
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Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
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ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
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BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	59 OF 99	D05

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

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

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

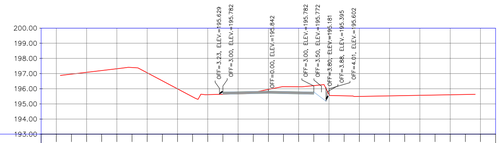
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

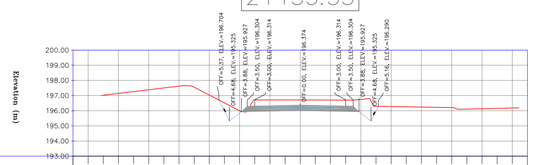
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053-073-9184	F	4	S	708209	59	D05

2+150.00



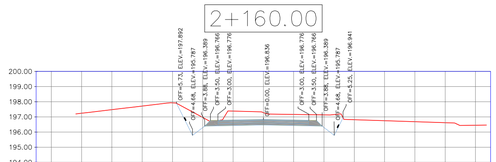
NATURAL GROUND ELEVATION	196.96	197.08	197.20	197.32	197.40	197.05	196.52	195.99	195.46	195.61	195.64	195.66	195.76	195.96	196.14	196.13	196.20	195.62	195.53	195.49	195.51	195.53	195.54	195.56	195.58	195.60	195.62	
PROJECT ELEVATION											195.78	195.80	195.82	195.84	195.86	195.80	195.78	195.59											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+155.35



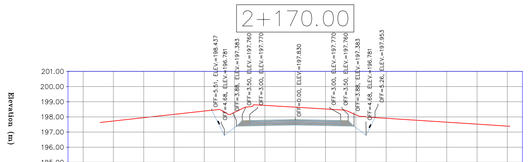
NATURAL GROUND ELEVATION	197.02	197.14	197.26	197.38	197.50	197.62	197.55	197.03	196.51	196.00	196.72	196.71	196.71	196.71	196.70	196.70	196.70	196.70	196.74	196.83	195.97	196.28	196.26	196.24	196.23	196.21	196.11	196.13	196.15	196.17
PROJECT ELEVATION									195.97	195.83	196.31	196.33	196.35	196.37	196.35	196.33	196.31	196.83	195.97											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

2+160.00



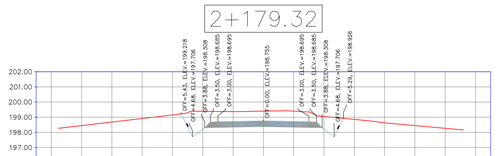
NATURAL GROUND ELEVATION	197.24	197.36	197.48	197.60	197.71	197.83	197.93	197.50	196.96	196.71	197.38	197.35	197.28	197.18	197.16	196.80	197.15	197.13	197.18	196.81	196.78	196.75	196.72	196.68	196.65	196.62	196.43	196.45	
PROJECT ELEVATION								196.43	196.30	196.78	196.80	196.82	196.84	196.82	196.82	196.80	196.78	196.30	196.43										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

2+170.00



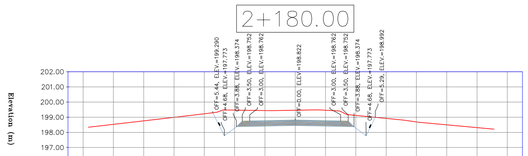
NATURAL GROUND ELEVATION	197.73	197.84	197.95	198.06	198.16	198.27	198.38	198.48	198.30	198.67	198.76	198.70	198.64	198.58	198.52	198.46	198.14	197.97	197.81	197.84	197.78	197.71	197.65	197.59	197.52	197.46	197.40		
PROJECT ELEVATION								197.43	197.29	197.77	197.79	197.81	197.83	197.81	197.79	197.77	197.29	197.43											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

2+179.32



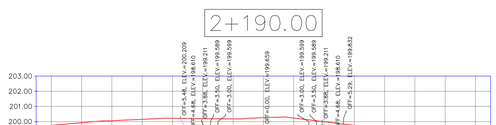
NATURAL GROUND ELEVATION	198.33	198.44	198.56	198.68	198.80	198.92	199.03	199.15	199.31	199.39	199.38	199.37	199.38	199.40	199.42	199.40	199.34	199.05	198.95	198.86	198.76	198.63	198.54	198.45	198.36	198.27	198.18		
PROJECT ELEVATION									198.35	198.22	198.70	198.72	198.74	198.76	198.74	198.72	198.70	198.22	198.35										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

2+180.00



NATURAL GROUND ELEVATION	198.41	198.53	198.64	198.76	198.88	198.99	199.11	199.22	199.39	199.47	199.46	199.44	199.45	199.46	199.48	199.46	199.38	199.12	199.02	198.92	198.82	198.69	198.59	198.50	198.41	198.32	198.22		
PROJECT ELEVATION									198.42	198.28	198.76	198.78	198.80	198.82	198.80	198.78	198.76	198.28	198.42										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

2+190.00



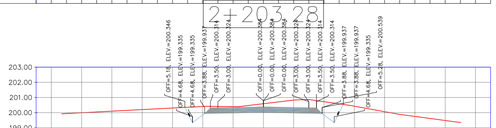
NATURAL GROUND ELEVATION	199.74	199.83	199.92	200.01	200.06	200.10	200.14	200.20	200.21	200.19	200.18	200.17	200.22	200.25	200.24	200.11	199.99	199.87	199.75	199.62	199.50	199.33	199.18	199.06					
PROJECT ELEVATION									199.25	199.12	199.60	199.62	199.64	199.66	199.62	199.60	199.12	199.25											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

2+200.00



NATURAL GROUND ELEVATION	199.90	199.95	200.00	200.05	200.11	200.16	200.21	200.27	200.32	200.37	200.36	200.34	200.36	200.48	200.60	200.70	200.73	200.59	200.45	200.31	200.16	199.98	199.80	199.65	199.52	199.39	199.26		
PROJECT ELEVATION									199.84	199.71	200.19	200.21	200.23	200.25	200.23	200.21	200.19	199.71	199.84										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

2+203.28



NATURAL GROUND ELEVATION	199.94	199.99	200.04	200.10	200.15	200.20	200.25	200.30	200.36	200.41	200.41	200.39	200.47	200.59	200.71	200.83	200.86	200.72	200.58	200.43	200.24	200.06	199.88	199.75	199.62	199.48	199.35		
PROJECT ELEVATION									199.98	199.84	200.32	200.34	200.36	200.38	200.36	200.34	200.32	199.84	199.98										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

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ELLIPSOID :	WORLD GEODETIC SYSTEM 1984 (WGS84)
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LEGEND

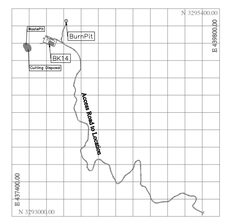
⊙	WELL LOCATION	→	CANAL
●	WELL	≈	RIVER
▭	SITE	◀	WATER COURSE
▭	CAMP SITE	60 / 50	CONTOURS
▬	ASPHALT ROAD	99.27	SPOT HEIGHT
▬	GRAVEL ROAD	△	BENCH MARK
▬	PROPOSED ROAD	⊏⊐	BRIDGE
∿	DAYLINE	⊏⊐	CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report - BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - BK14	BK-BK14-PEDCO-110-CV-MT-0001

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EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	60 OF 99	D05

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
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

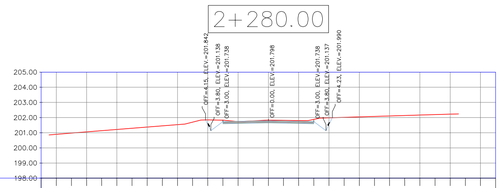
APPROVED FOR CONSTRUCTION				BY:	DATE:	
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	60	D05

2+210.00


Elevation (m)
204.00
203.00
202.00
201.00
200.00
199.00
198.00
197.00
OFF=5.12, ELEV=200.427
OFF=4.68, ELEV=199.534
OFF=3.186, ELEV=200.136
OFF=3.50, ELEV=200.513
OFF=3.000, ELEV=200.503
OFF=0.000, ELEV=200.583
OFF=-3.00, ELEV=200.553
OFF=-3.50, ELEV=200.513
OFF=-3.186, ELEV=200.136
OFF=-4.68, ELEV=199.534
OFF=-5.26, ELEV=200.731

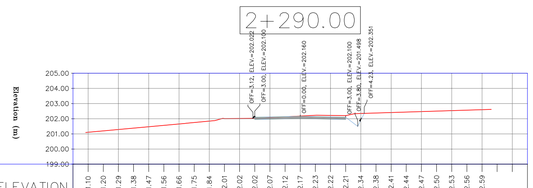
| | | |

2+280.00



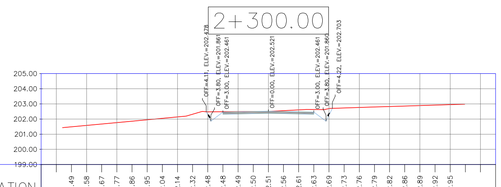
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PROJECT ELEVATION											201.54		201.74	201.76	201.78	201.80	201.76	201.74	201.54									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+290.00



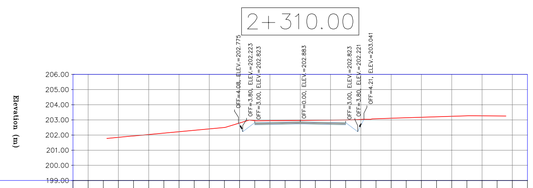
NATURAL GROUND ELEVATION	201.10	201.20	201.29	201.38	201.47	201.56	201.66	201.75	201.84	202.01	202.02	202.02	202.07	202.12	202.17	202.23	202.22	202.22	202.21	202.34	202.38	202.41	202.44	202.47	202.50	202.53	202.56	202.59
PROJECT ELEVATION											202.10	202.12	202.12	202.14	202.16	202.14	202.12	202.10	201.90									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+300.00



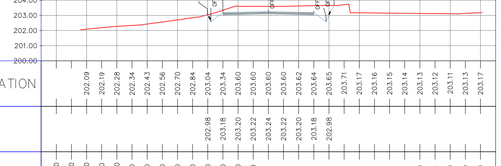
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PROJECT ELEVATION										202.26	202.46	202.48	202.50	202.52	202.50	202.48	202.46	202.26										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+310.00



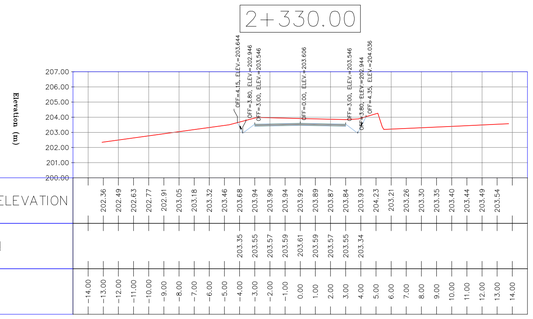
NATURAL GROUND ELEVATION	201.85	201.94	202.04	202.13	202.22	202.32	202.41	202.50	202.80	202.95	202.95	202.96	202.97	202.98	202.99	203.00	203.03	203.07	203.11	203.14	203.17	203.21	203.24	203.27	203.27	203.27	203.26	
PROJECT ELEVATION									202.62	202.82	202.84	202.86	202.86	202.88	202.84	202.82	202.82	202.62										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+320.00



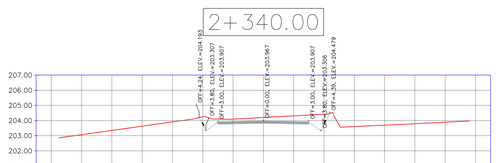
NATURAL GROUND ELEVATION	202.09	202.19	202.28	202.34	202.43	202.56	202.70	202.84	203.04	203.34	203.60	203.60	203.60	203.60	203.62	203.64	203.65	203.71	203.77	203.16	203.15	203.14	203.13	203.12	203.11	203.13	203.17	
PROJECT ELEVATION									202.98	203.18	203.20	203.22	203.24	203.22	203.20	203.18	202.98											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+330.00



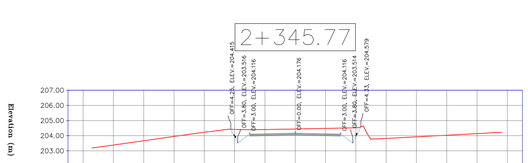
NATURAL GROUND ELEVATION	202.36	202.49	202.63	202.77	202.91	203.05	203.18	203.32	203.46	203.68	203.94	203.96	203.94	203.92	203.89	203.87	203.84	203.93	204.23	203.21	203.26	203.30	203.35	203.40	203.44	203.49	203.54	
PROJECT ELEVATION										203.35	203.55	203.57	203.59	203.61	203.59	203.57	203.55	203.34										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+340.00



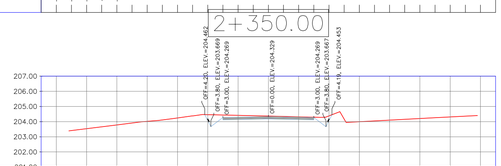
NATURAL GROUND ELEVATION	202.93	203.07	203.21	203.35	203.49	203.63	203.77	203.91	204.05	204.26	204.10	204.09	204.14	204.20	204.25	204.31	204.36	204.42	203.72	203.60	203.65	203.69	203.74	203.79	203.84	203.89	203.94	
PROJECT ELEVATION										203.71	203.91	203.93	203.95	203.97	203.95	203.93	203.91	203.71										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+345.77



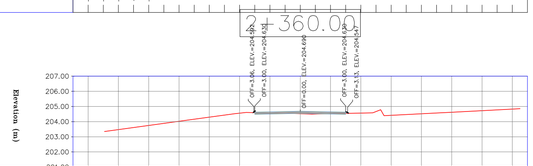
NATURAL GROUND ELEVATION	203.24	203.38	203.52	203.67	203.81	203.95	204.09	204.23	204.35	204.41	204.39	204.41	204.42	204.44	204.46	204.48	204.50	204.52	203.77	203.82	203.87	203.92	203.98	204.03	204.08	204.14	204.19	
PROJECT ELEVATION										203.92	204.12	204.14	204.16	204.18	204.16	204.14	204.12	203.91										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+350.00



NATURAL GROUND ELEVATION	203.41	203.53	203.66	203.78	203.91	204.02	204.11	204.24	204.38	204.46	204.27	204.29	204.41	204.39	204.36	204.34	204.31	204.29	204.27	204.38	204.16	203.99	204.04	204.10	204.15	204.20	204.25	204.31	204.36
PROJECT ELEVATION										204.07	204.27	204.29	204.31	204.33	204.31	204.31	204.29	204.27	204.07										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+ 360.00



NATURAL GROUND ELEVATION	203.48	203.61	203.75	203.88	204.02	204.16	204.29	204.43	204.56	204.59	204.57	204.54	204.52	204.50	204.52	204.54	204.56	204.67	204.41	204.47	204.52	204.57	204.62	204.67	204.72	204.77	204.82	
PROJECT ELEVATION										204.63	204.65	204.67	204.69	204.67	204.65	204.63												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- 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:	MSL

4- 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-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

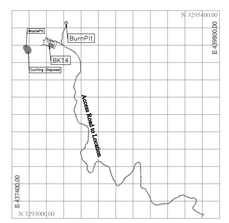
WELL LOCATION		CANAL	
WELL		RIVER	
SITE		WATER COURSE	
CAMP SITE	60 / 50	CONTOURS	
ASPHALT ROAD	99.27	SPOT HEIGHT	
GRAVEL ROAD		BENCH MARK	
PROPOSED ROAD		BRIDGE	
DAYLIGHT		CULVERT	

REFERENCE DRAWING	DRG. No.
General Civil Layout -BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report - BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - BK14	BK-BK14-PEDCO-110-CV-MT-0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



SCALE: 1/35000

REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	62 OF 99	D05

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

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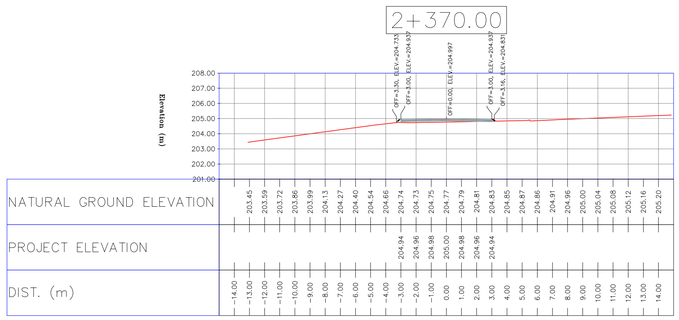
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

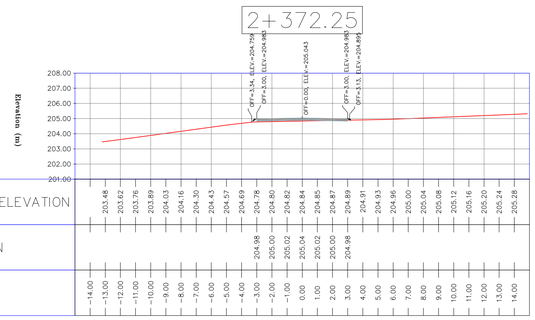
APPROVED FOR CONSTRUCTION			BY:		DATE:	
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	62	D05

2+370.00



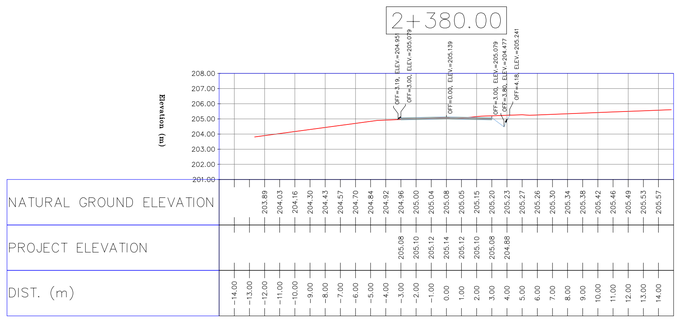
NATURAL GROUND ELEVATION	203.45	203.59	203.72	203.86	203.99	204.13	204.27	204.40	204.54	204.66	204.74	204.73	204.75	204.77	204.79	204.81	204.83	204.85	204.87	204.86	204.91	204.96	205.00	205.04	205.08	205.12	205.16	205.20
PROJECT ELEVATION											204.94	204.96	204.98	205.00	204.98	204.96	204.94												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+372.25



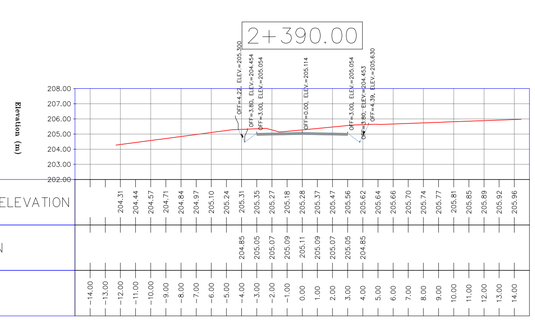
NATURAL GROUND ELEVATION	203.48	203.62	203.76	203.89	204.03	204.16	204.30	204.43	204.57	204.69	204.78	204.80	204.82	204.84	204.85	204.87	204.89	204.91	204.93	204.96	205.00	205.04	205.08	205.12	205.16	205.20	205.24	205.28
PROJECT ELEVATION											204.98	205.00	205.02	205.04	205.02	205.00	204.98												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+380.00



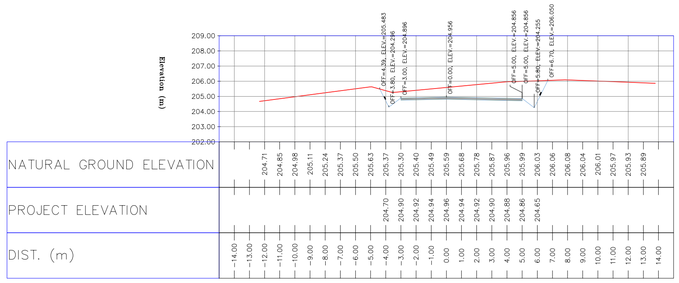
NATURAL GROUND ELEVATION	203.89	204.03	204.16	204.30	204.43	204.57	204.70	204.84	204.92	204.96	205.00	205.04	205.08	205.05	205.05	205.15	205.20	205.23	205.27	205.26	205.30	205.34	205.38	205.42	205.46	205.49	205.53	205.57
PROJECT ELEVATION											205.08	205.10	205.10	205.12	205.12	205.12	205.10	205.08	204.88										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+390.00



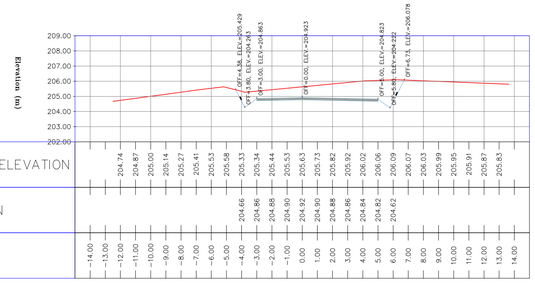
NATURAL GROUND ELEVATION	204.31	204.44	204.57	204.71	204.84	204.97	205.10	205.24	205.31	205.35	205.27	205.18	205.28	205.37	205.47	205.56	205.62	205.64	205.66	205.70	205.74	205.77	205.81	205.85	205.89	205.92	205.96	
PROJECT ELEVATION									204.85	205.05	205.07	205.09	205.11	205.09	205.07	205.05	204.85											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+398.74



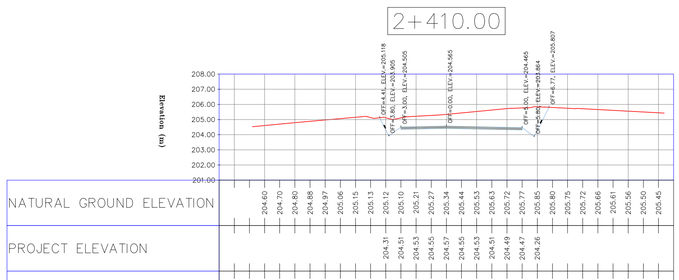
NATURAL GROUND ELEVATION	204.71	204.85	204.98	205.11	205.24	205.37	205.50	205.63	205.57	205.30	205.40	205.49	205.59	205.68	205.78	205.87	205.96	205.99	206.03	206.06	206.08	206.04	206.01	205.97	205.93	205.89		
PROJECT ELEVATION									204.70	204.90	204.92	204.94	204.96	204.92	204.90	204.88	204.86	204.65										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+400.00



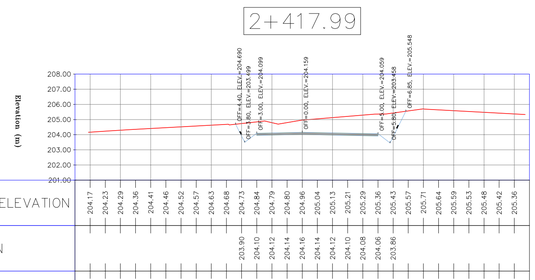
NATURAL GROUND ELEVATION	204.74	204.87	205.00	205.14	205.27	205.41	205.53	205.58	205.33	205.34	205.44	205.53	205.63	205.73	205.82	205.92	206.02	206.06	206.09	206.07	206.03	205.99	205.95	205.91	205.87	205.83		
PROJECT ELEVATION									204.66	204.86	204.88	204.90	204.92	204.90	204.88	204.86	204.84	204.82	204.62									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+410.00



NATURAL GROUND ELEVATION	204.60	204.70	204.80	204.88	204.97	205.06	205.15	205.12	205.10	205.21	205.27	205.34	205.44	205.53	205.63	205.72	205.77	205.85	205.80	205.75	205.72	205.66	205.61	205.56	205.50	205.45		
PROJECT ELEVATION									204.31	204.51	204.53	204.55	204.57	204.55	204.53	204.51	204.49	204.47	204.26									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+417.99



NATURAL GROUND ELEVATION	204.17	204.23	204.29	204.36	204.41	204.46	204.52	204.57	204.63	204.68	204.73	204.84	204.79	204.80	204.96	205.04	205.13	205.21	205.29	205.36	205.43	205.57	205.71	205.64	205.59	205.53	205.48	205.42	205.36
PROJECT ELEVATION											203.90	204.10	204.12	204.14	204.16	204.14	204.12	204.10	204.08	204.06	203.86								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- 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:	MSL

4- 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-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

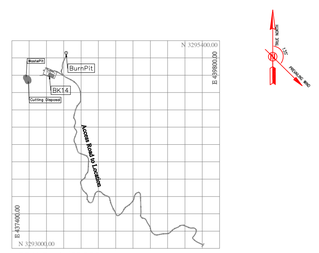
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report – BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works – BK14	BK-BK14-PEDCO-110-CV-MT-0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

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/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY – PEDCO

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14
ACCESS ROAD TRANSVERSAL SECTIONS

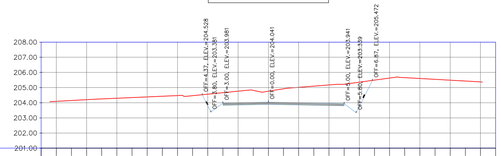
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	63 OF 99	D05

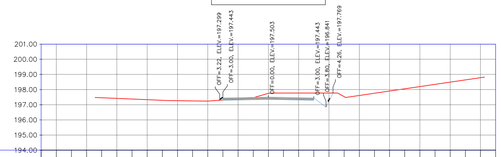
APPROVED FOR CONSTRUCTION				BY:	DATE:	
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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2+420.00

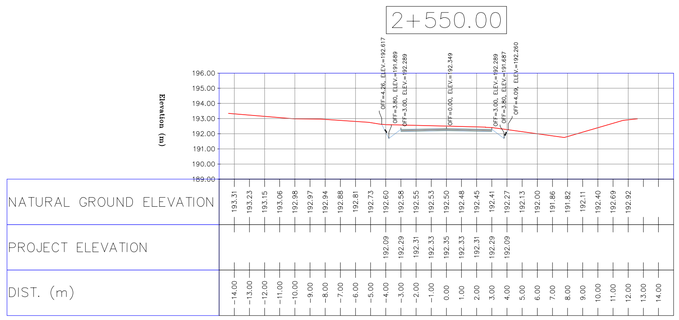

Elevation (m)
208.00
207.00
206.00
205.00
204.00
203.00
202.00
201.00
OFF=4.527, ELEV=204.528
OFF=3.855, ELEV=203.381
OFF=3.500, ELEV=203.981
OFF=0.000, ELEV=204.041
OFF=3.500, ELEV=203.341
OFF=4.190, ELEV=205.841
OFF=4.851, ELEV=205.472

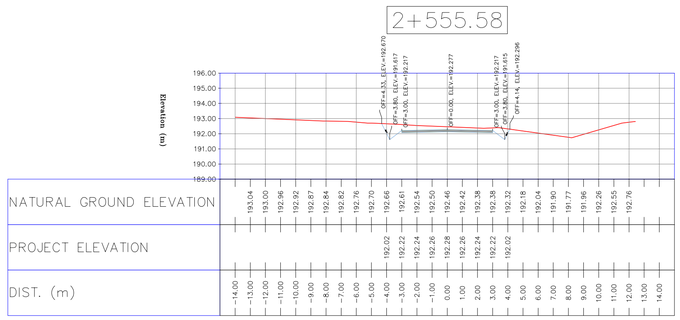
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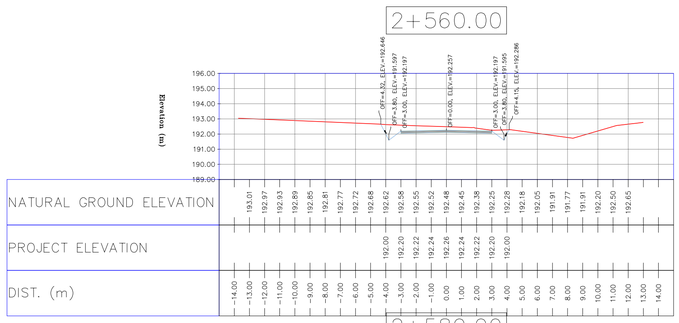
2+481.19

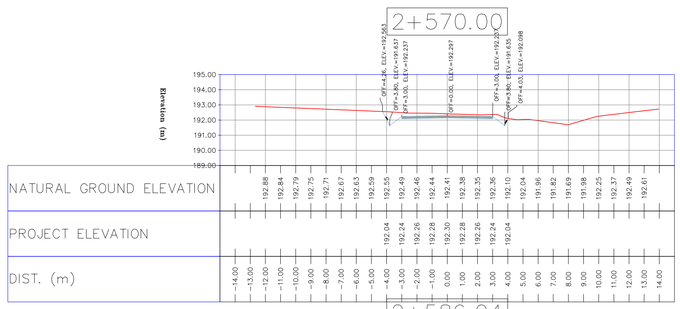

Elevation (m)
201.00
200.00
199.00
198.00
197.00
196.00
195.00
194.00
OFF=2.22, ELEV=197.299
OFF=3.00, ELEV=197.443
OFF=0.00, ELEV=197.503
OFF=3.00, ELEV=197.443
OFF=3.86, ELEV=196.841
OFF=4.26, ELEV=197.799

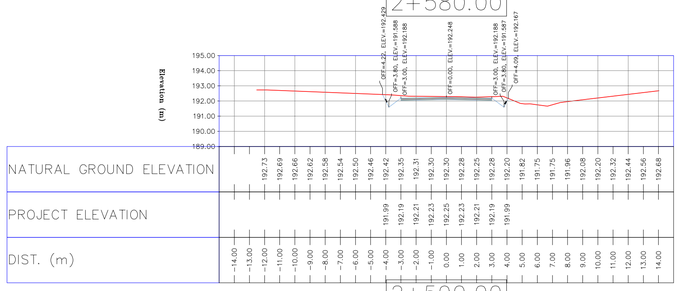
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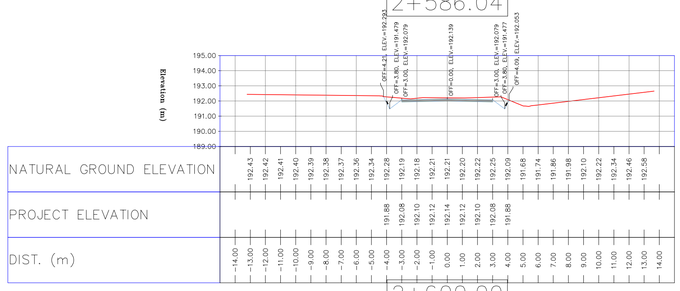


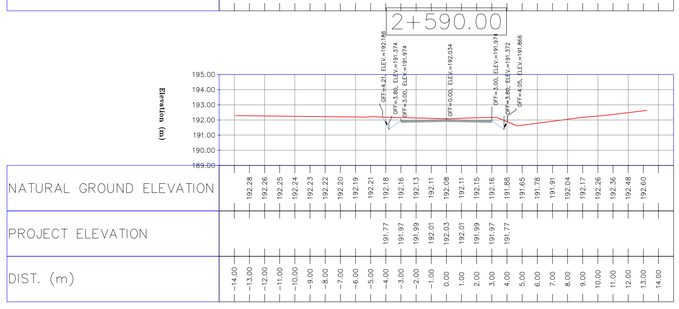


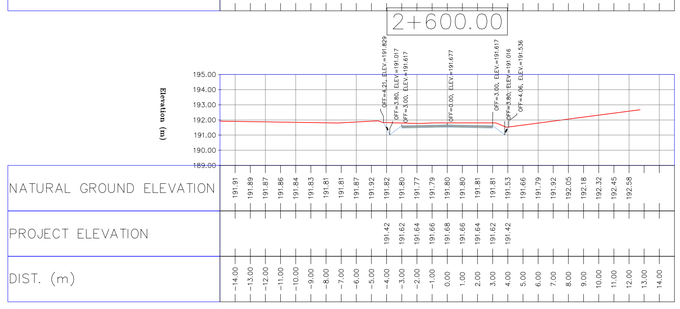


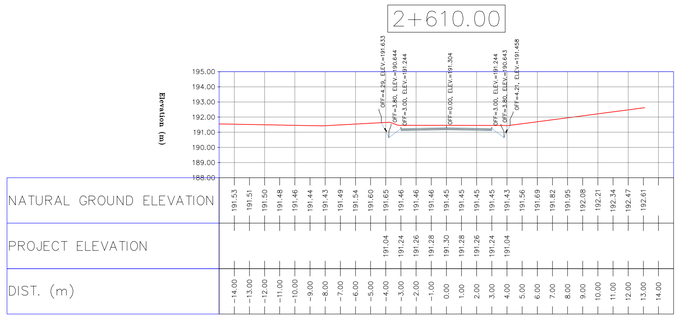


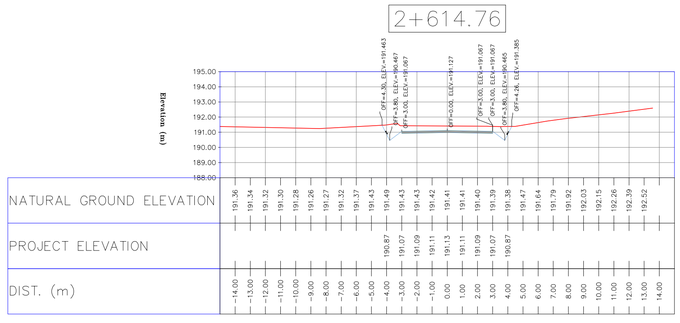












NOTES

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LEGEND

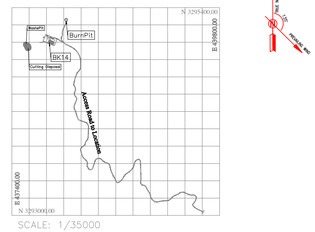
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report - BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - BK14	BK-BK14-PEDCO-110-CV-MT-0001

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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14
ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	66 OF 99	D05

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
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

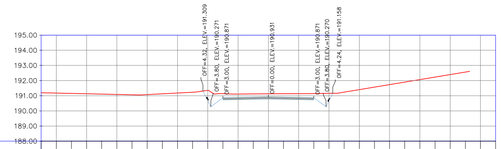
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

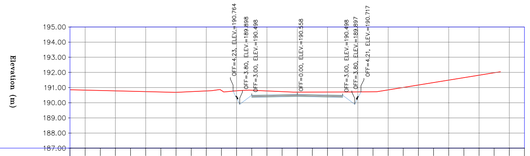
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2+620.00



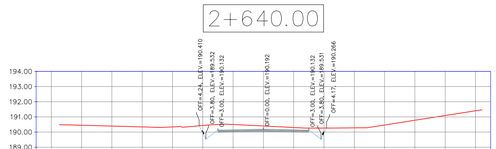
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NATURAL GROUND ELEVATION	191.17	191.15	191.13	191.11	191.09	191.08	191.13	191.18	191.23	191.35	191.14	191.11	191.12	191.13	191.13	191.14	191.15	191.16	191.24	191.40	191.57	191.73	191.90	192.06	192.23	192.39	192.56		
PROJECT ELEVATION										190.67	190.87	190.89	190.91	190.93	190.93	190.89	190.87	190.67											

2+630.00



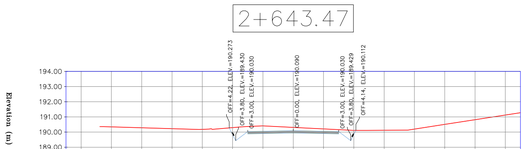
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NATURAL GROUND ELEVATION	190.83	190.81	190.78	190.75	190.73	190.70	190.68	190.73	190.78	190.81	190.79	190.82	190.78	190.73	190.70	190.78	190.70	190.70	190.70	190.72	190.84	190.84	191.01	191.17	191.33	191.49	191.65	191.81	191.97
PROJECT ELEVATION											190.30	190.50	190.52	190.54	190.56	190.54	190.52	190.50	190.71	190.30									

2+640.00



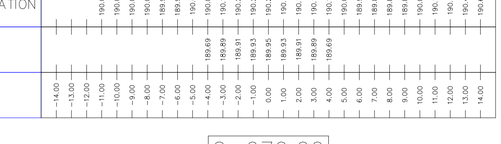
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NATURAL GROUND ELEVATION	190.48	190.45	190.42	190.39	190.36	190.34	190.31	190.34	190.34	190.43	190.49	190.50	190.45	190.40	190.35	190.30	190.27	190.27	190.28	190.31	190.47	190.62	190.78	190.94	191.09	191.25	191.40		
PROJECT ELEVATION										189.93	190.13	190.15	190.17	190.19	190.17	190.15	190.13	189.93											

2+643.47



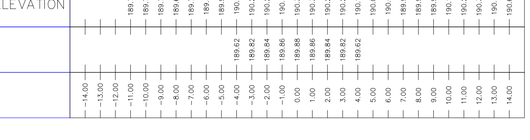
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NATURAL GROUND ELEVATION	190.34	190.31	190.28	190.25	190.22	190.19	190.18	190.20	190.29	190.37	190.41	190.36	190.31	190.26	190.21	190.16	190.11	190.11	190.12	190.12	190.19	190.35	190.50	190.66	190.81	190.96	191.12		
PROJECT ELEVATION										189.83	190.03	190.05	190.07	190.09	190.07	190.05	190.03	189.83											

2+650.00



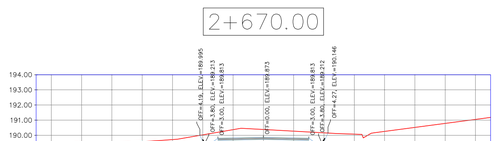
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NATURAL GROUND ELEVATION	190.09	190.06	190.03	190.00	189.97	189.94	189.97	190.01	190.08	190.17	190.23	190.26	190.24	190.21	190.19	190.16	190.13	190.06	189.99	189.93	189.84	189.85	190.00	190.16	190.31	190.47	190.62		
PROJECT ELEVATION										189.69	189.89	189.91	189.93	189.95	189.93	189.91	189.89	189.69											

2+660.00



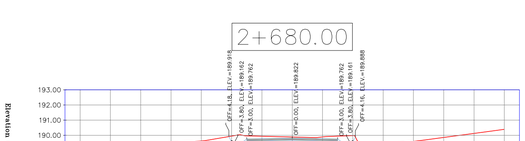
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NATURAL GROUND ELEVATION	189.76	189.73	189.70	189.67	189.74	189.81	189.93	190.11	190.24	190.25	190.31	190.34	190.32	190.27	190.20	190.13	190.07	190.01	189.96	189.90	189.98	190.12	190.25	190.38	190.51	190.64			
PROJECT ELEVATION										189.62	189.82	189.84	189.86	189.88	189.86	189.84	189.82	189.62											

2+670.00



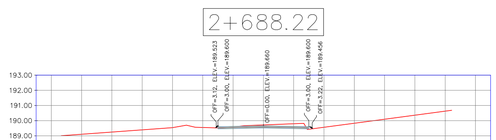
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NATURAL GROUND ELEVATION	189.46	189.43	189.42	189.50	189.57	189.64	189.72	189.86	190.03	190.20	190.37	190.44	190.38	190.33	190.27	190.22	190.16	190.11	190.08	190.07	190.26	190.39	190.52	190.65	190.78	190.92	191.05		
PROJECT ELEVATION										189.61	189.81	189.83	189.85	189.87	189.85	189.83	189.81	189.61											

2+680.00



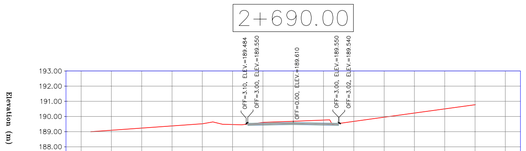
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NATURAL GROUND ELEVATION	189.18	189.25	189.33	189.40	189.47	189.55	189.62	189.78	189.95	189.97	189.94	189.91	189.89	189.86	189.89	189.95	189.99	189.99	189.20	189.33	189.46	189.59	189.73	189.86	189.99	190.13	190.26		
PROJECT ELEVATION										189.56	189.76	189.78	189.80	189.82	189.80	189.78	189.76	189.56											

2+688.22



DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
NATURAL GROUND ELEVATION	189.03	189.10	189.17	189.25	189.32	189.39	189.47	189.54	189.68	189.55	189.52	189.59	189.68	189.71	189.79	189.79	189.43	189.56	189.69	189.83	189.96	190.09	190.22	190.36	190.50	190.63	190.77		
PROJECT ELEVATION										189.60	189.62	189.64	189.66	189.64	189.62	189.60													

2+690.00



DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
NATURAL GROUND ELEVATION	189.02	189.09	189.16	189.23	189.31	189.38	189.45	189.52	189.57	189.47	189.49	189.61	189.65	189.69	189.72	189.76	189.54	189.67	189.81	189.95	190.09	190.22	190.36	190.50	190.63	190.77			
PROJECT ELEVATION										189.55	189.57	189.59	189.61	189.59	189.57	189.55													

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- 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:	MSL

4- 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-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

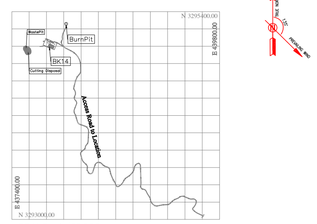
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report - BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - BK14	BK-BK14-PEDCO-110-CV-MT-0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14
ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	67 OF 99	D05

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C. / FIELDS

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

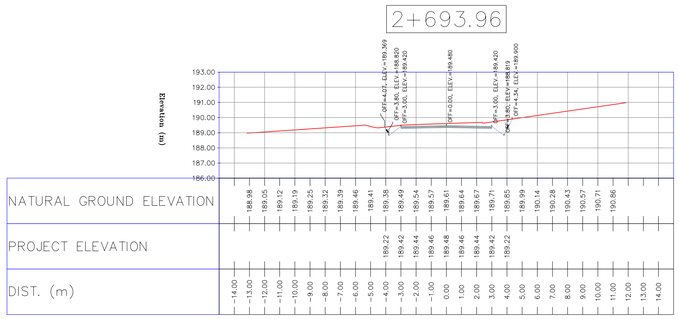
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

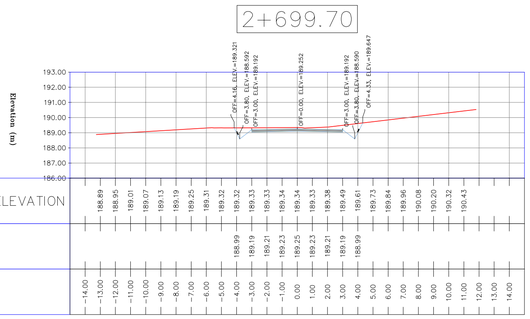
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	67	D05

2+693.96



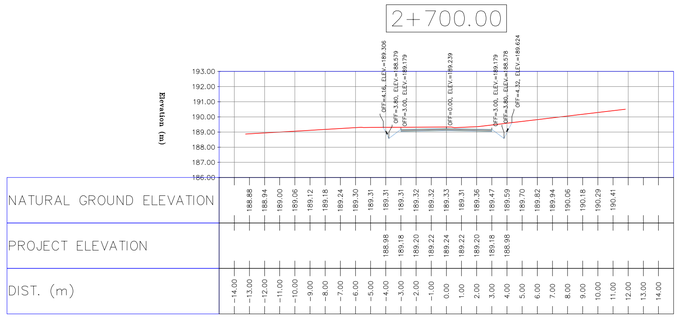
NATURAL GROUND ELEVATION	188.98	189.05	189.12	189.19	189.25	189.32	189.39	189.46	189.41	189.38	189.49	189.54	189.57	189.61	189.64	189.67	189.71	189.85	189.99	190.14	190.28	190.43	190.57	190.71	190.86			
PROJECT ELEVATION										189.22	189.42	189.44	189.46	189.48	189.46	189.44	189.42	189.22										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+699.70



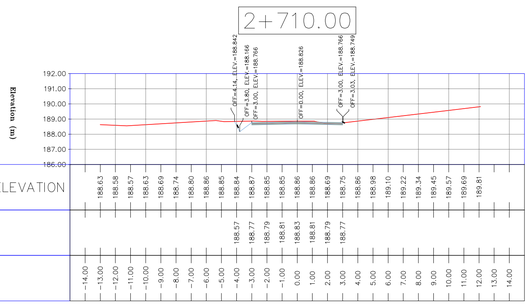
NATURAL GROUND ELEVATION	188.89	188.95	189.01	189.07	189.13	189.19	189.25	189.31	189.32	189.32	189.33	189.33	189.34	189.34	189.33	189.38	189.49	189.61	189.73	189.84	189.96	190.08	190.20	190.32	190.43			
PROJECT ELEVATION										188.99	189.19	189.21	189.23	189.25	189.23	189.21	189.19	188.99										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+700.00



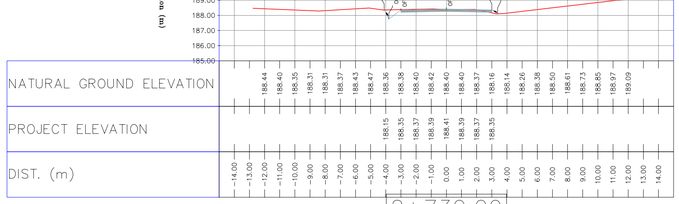
NATURAL GROUND ELEVATION	188.88	188.94	189.00	189.06	189.12	189.18	189.24	189.30	189.31	189.31	189.31	189.32	189.32	189.33	189.31	189.35	189.47	189.59	189.70	189.82	189.94	190.06	190.18	190.29	190.41			
PROJECT ELEVATION										188.98	189.18	189.20	189.22	189.24	189.22	189.20	189.18	188.98										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+710.00



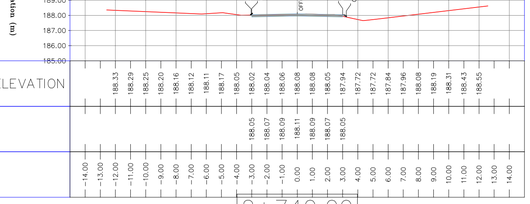
NATURAL GROUND ELEVATION	188.63	188.58	188.57	188.63	188.69	188.74	188.80	188.86	188.85	188.84	188.87	188.85	188.85	188.85	188.86	188.86	188.86	188.69	188.75	188.86	188.98	189.10	189.22	189.34	189.45	189.57	189.69	189.81
PROJECT ELEVATION										188.57	188.77	188.79	188.81	188.83	188.81	188.81	188.79	188.77										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+720.00



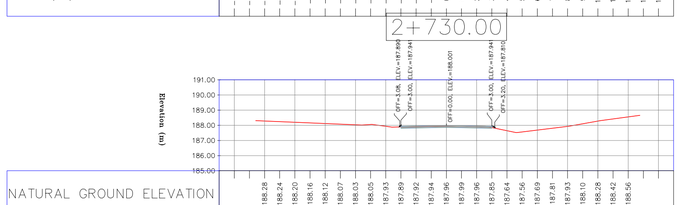
NATURAL GROUND ELEVATION	188.44	188.40	188.35	188.31	188.31	188.37	188.43	188.47	188.36	188.38	188.40	188.42	188.40	188.40	188.40	188.37	188.16	188.14	188.26	188.38	188.50	188.61	188.73	188.85	188.97	189.09		
PROJECT ELEVATION										188.15	188.35	188.37	188.39	188.41	188.39	188.37	188.35											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+727.45



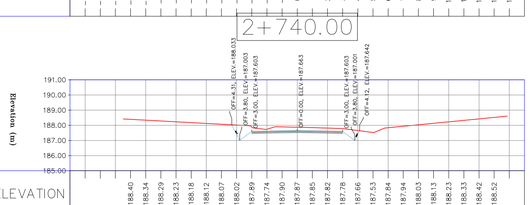
NATURAL GROUND ELEVATION	188.33	188.29	188.25	188.20	188.16	188.12	188.11	188.17	188.05	188.02	188.06	188.04	188.06	188.08	188.11	188.09	188.08	188.05	187.94	187.72	187.72	187.84	187.96	188.08	188.19	188.31	188.43	188.55
PROJECT ELEVATION										188.05	188.07	188.09	188.08	188.11	188.09	188.08	188.07	188.05										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+730.00



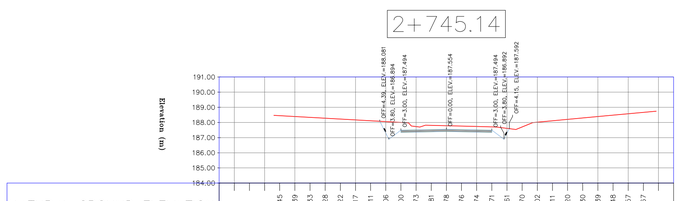
NATURAL GROUND ELEVATION	188.28	188.24	188.20	188.16	188.12	188.07	188.03	188.05	187.93	187.89	187.92	187.94	187.98	187.96	187.99	187.96	187.85	187.64	187.56	187.69	187.81	187.93	188.10	188.28	188.42	188.56		
PROJECT ELEVATION										187.94	187.96	187.98	188.00	187.98	187.96	187.96	187.94											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+740.00



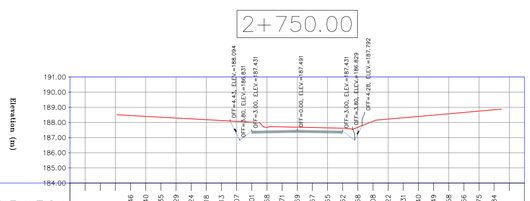
NATURAL GROUND ELEVATION	188.40	188.34	188.29	188.23	188.18	188.12	188.07	188.02	187.89	187.74	187.90	187.87	187.85	187.82	187.78	187.66	187.53	187.64	187.84	187.94	188.03	188.13	188.23	188.33	188.42	188.52		
PROJECT ELEVATION										187.40	187.60	187.62	187.64	187.66	187.64	187.62	187.60	187.40										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+745.14



NATURAL GROUND ELEVATION	188.45	188.39	188.33	188.28	188.22	188.17	188.11	188.06	188.00	187.73	187.81	187.78	187.76	187.74	187.71	187.70	188.02	188.11	188.20	188.30	188.39	188.48	188.57	188.67				
PROJECT ELEVATION										187.29	187.49	187.51	187.53	187.55	187.53	187.51	187.49	187.29										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+750.00



NATURAL GROUND ELEVATION	188.46	188.40	188.35	188.29	188.24	188.18	188.13	188.07	188.01	187.68	187.71	187.69	187.67	187.65	187.62	187.68	188.08	188.22	188.31	188.40	188.49	188.58	188.66	188.75	188.84			
PROJECT ELEVATION										187.23	187.43	187.45	187.47	187.49	187.47	187.45	187.43	187.23										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- 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:	MSL

4- 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-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

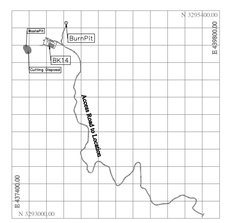
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report - BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - BK14	BK-BK14-PEDCO-110-CV-MT-0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	68 OF 99	D05

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

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

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

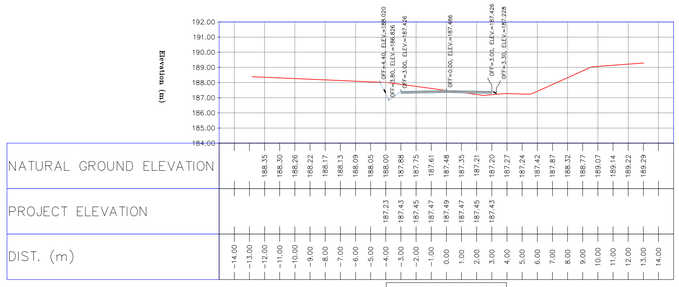
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION	BY:	DATE:

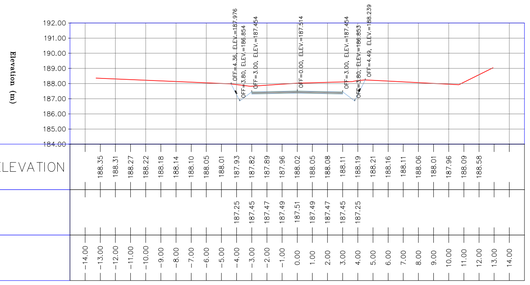
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	68	D05

2+760.00



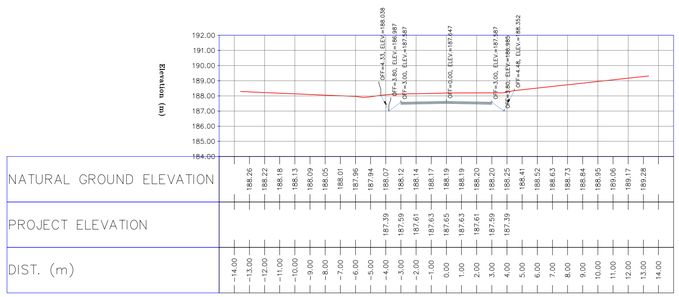
NATURAL GROUND ELEVATION	188.35	188.30	188.26	188.22	188.17	188.13	188.09	188.05	188.00	187.88	187.75	187.61	187.48	187.35	187.21	187.20	187.27	187.24	187.42	187.87	188.32	188.77	189.07	189.14	189.22	189.29			
PROJECT ELEVATION									187.23		187.43		187.45		187.47		187.49		187.47		187.45		187.43						
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+762.82



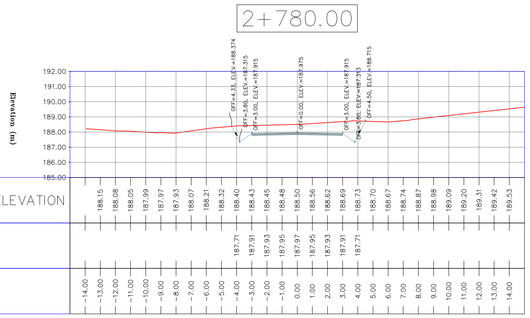
NATURAL GROUND ELEVATION	188.35	188.31	188.27	188.22	188.18	188.14	188.10	188.05	188.01	187.93	187.82	187.89	187.96	188.02	188.05	188.08	188.11	188.19	188.21	188.16	188.11	188.06	188.01	187.96	188.09	188.58			
PROJECT ELEVATION									187.25		187.45		187.47		187.49		187.51		187.49		187.47		187.45		187.25				
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+770.00



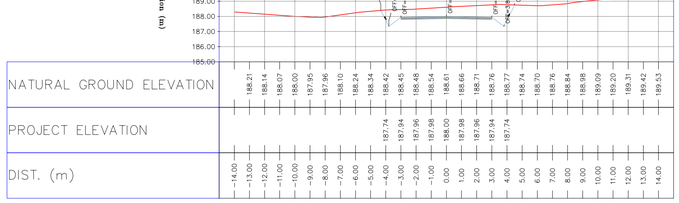
NATURAL GROUND ELEVATION	188.26	188.22	188.18	188.13	188.09	188.05	188.01	187.96	187.94	188.07	188.12	188.14	188.17	188.19	188.19	188.20	188.20	188.25	188.41	188.52	188.63	188.73	188.84	188.95	189.06	189.17	189.28		
PROJECT ELEVATION									187.39		187.59		187.61		187.63		187.63		187.61		187.59		187.39						
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+780.00



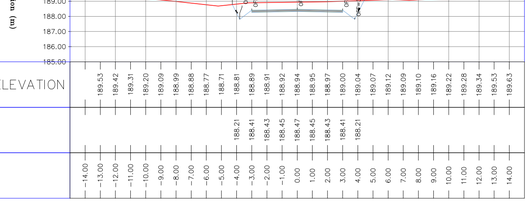
NATURAL GROUND ELEVATION	188.15	188.08	188.05	187.99	187.97	187.83	188.07	188.21	188.32	188.40	188.43	188.45	188.48	188.50	188.56	188.62	188.69	188.73	188.70	188.67	188.74	188.87	188.98	189.09	189.20	189.31	189.42	189.53	
PROJECT ELEVATION										187.71	187.91	187.93	187.95	187.97	187.95	187.93	187.91	187.71											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+780.55



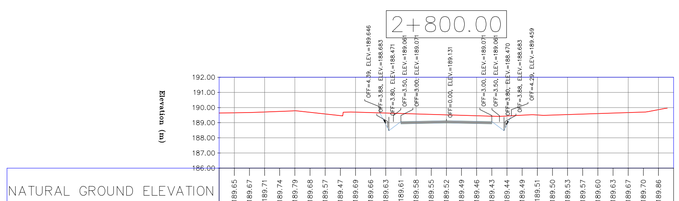
NATURAL GROUND ELEVATION	188.21	188.14	188.07	188.00	187.95	188.10	188.24	188.34	188.42	188.45	188.48	188.54	188.61	188.66	188.71	188.76	188.77	188.74	188.70	188.76	188.84	188.98	189.09	189.20	189.31	189.42	189.53		
PROJECT ELEVATION										187.74	187.94	187.96	187.98	188.00	187.98	187.96	187.94	187.74											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+790.00



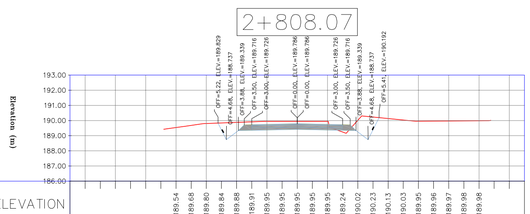
NATURAL GROUND ELEVATION	189.53	189.42	189.31	189.20	189.09	188.99	188.88	188.77	188.71	188.81	188.89	188.91	188.92	188.94	188.95	188.97	189.00	189.04	189.07	189.12	189.09	189.10	189.16	189.22	189.28	189.34	189.53	189.63	
PROJECT ELEVATION										188.21	188.41	188.43	188.45	188.47	188.45	188.43	188.41	188.21											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+800.00



NATURAL GROUND ELEVATION	189.65	189.67	189.71	189.74	189.79	189.68	189.57	189.47	189.69	189.66	189.63	189.61	189.58	189.55	189.52	189.49	189.46	189.43	189.44	189.49	189.51	189.50	189.53	189.57	189.60	189.63	189.67	189.70	189.86
PROJECT ELEVATION											188.91	189.07	189.09	189.11	189.13	189.11	189.09	189.07	188.91										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+808.07



NATURAL GROUND ELEVATION	189.54	189.68	189.80	189.84	189.88	189.91	189.95	189.95	189.95	189.95	189.95	189.95	189.95	189.95	189.95	189.95	189.95	189.95	189.95	189.95	189.95	189.95	189.95	189.95	189.95	189.95	189.95	189.95	
PROJECT ELEVATION										189.38	189.25	189.73	189.75	189.77	189.79	189.77	189.75	189.73	189.77	189.95	190.02	190.23	190.13	190.03	189.96	189.97	189.98	189.98	
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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ELLIPSOID :	WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION:	UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM:	MSL

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LEGEND

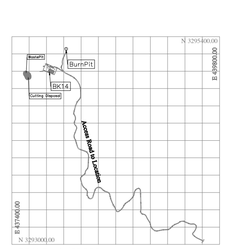
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	WELL		RIVER
	SITE		WATER COURSE
	CAMP SITE	60 / 50	CONTOURS
	ASPHALT ROAD	99.27	SPOT HEIGHT
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	DAYLIGHT		CULVERT

REFERENCE DRAWING	DRG. No.
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Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	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/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

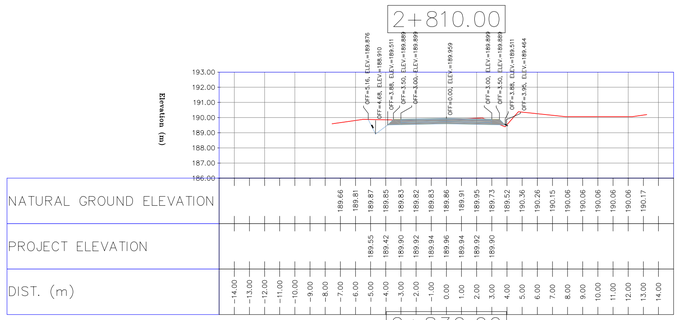
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ACCESS ROAD TRANSVERSAL SECTIONS

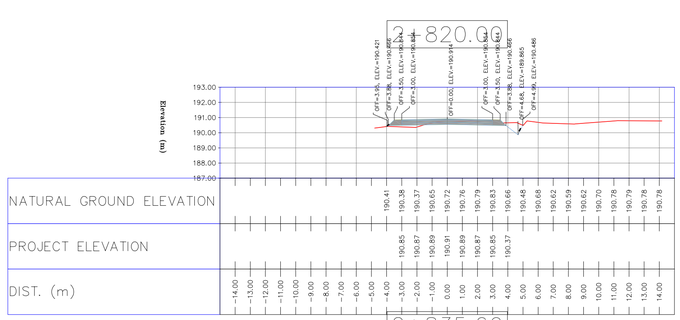
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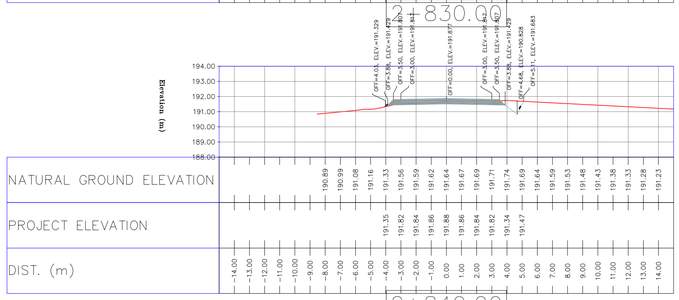
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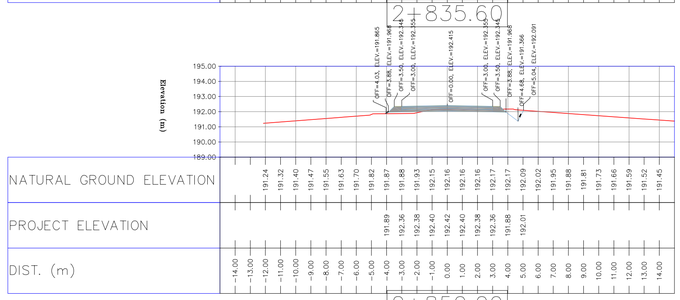
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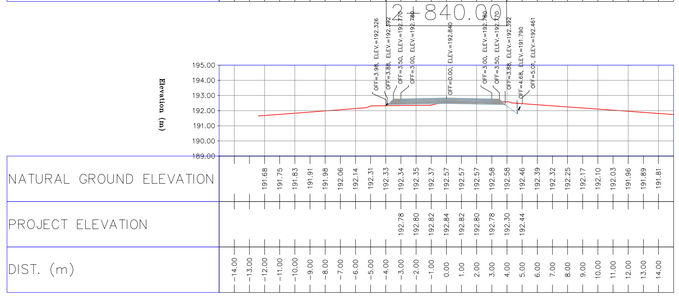
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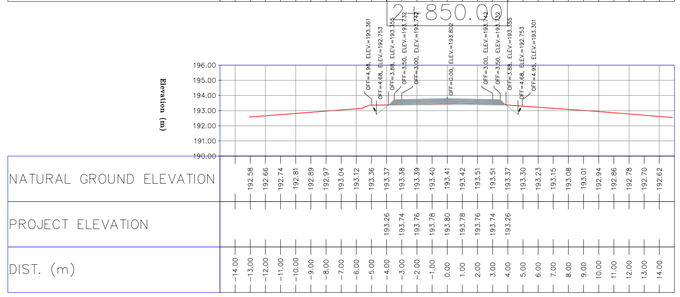


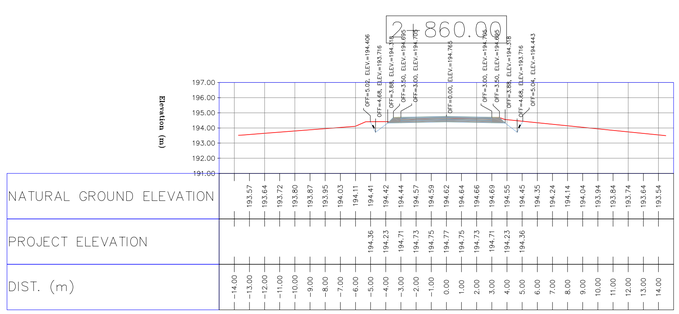


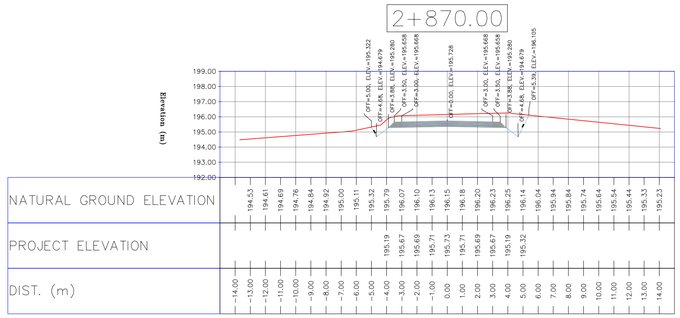


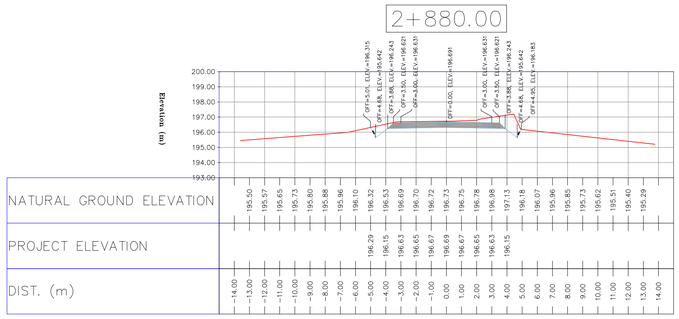


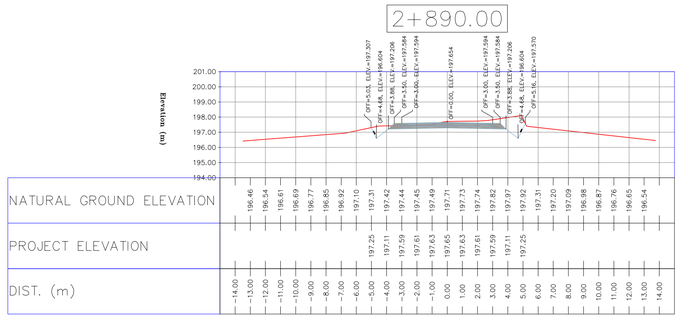












NOTES

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VERTICAL DATUM:	MSL

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LEGEND

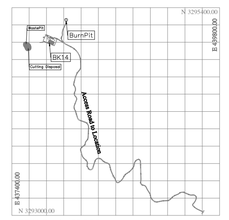
WELL LOCATION		CANAL	
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KEY PLAN



SCALE: 1/35000

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D05	AUG.2023	AFC	R.BERLOUEI	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/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14
ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	70 OF 99	D05

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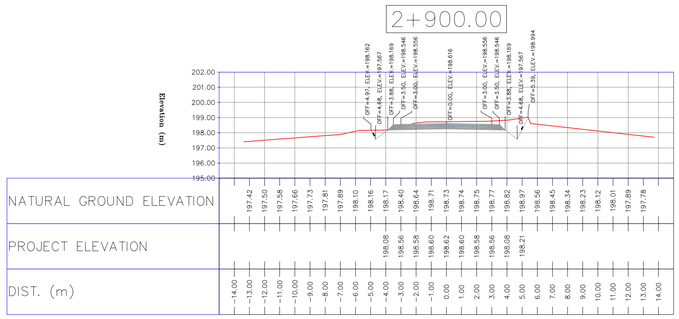
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

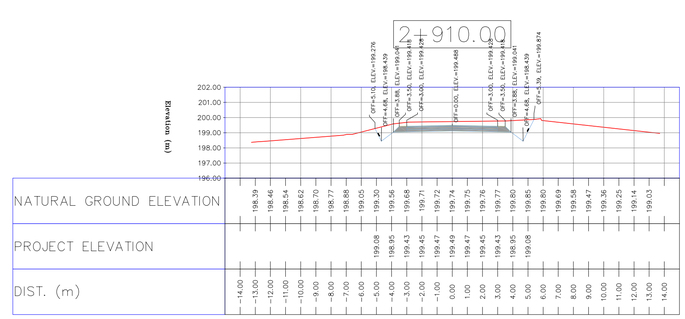
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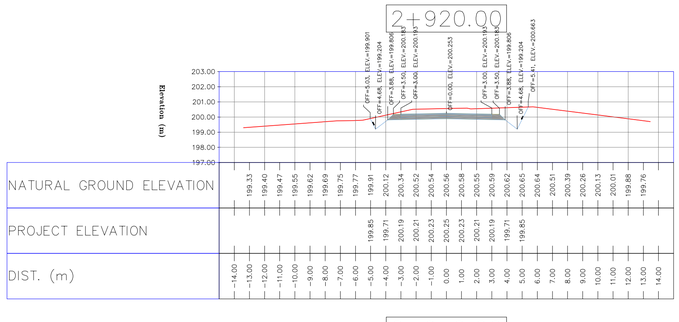
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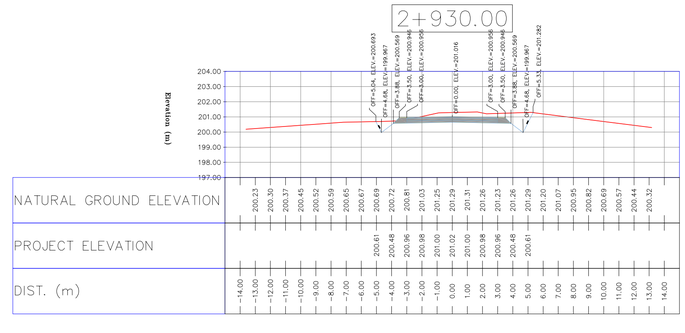
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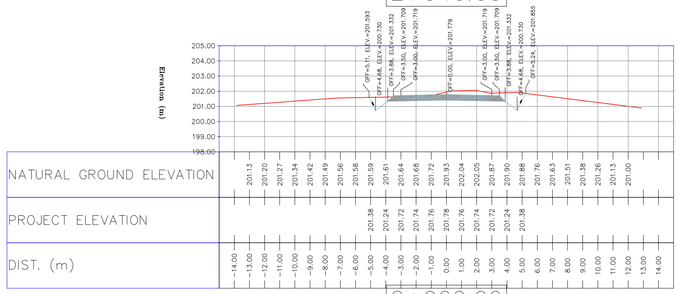
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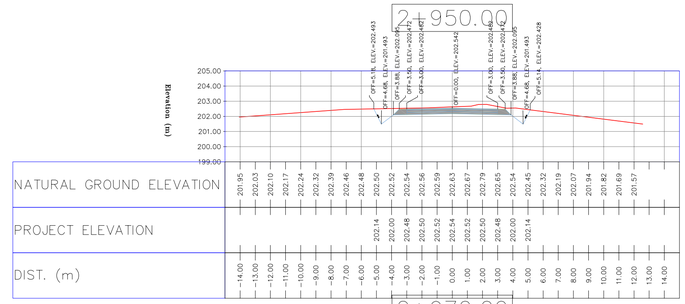


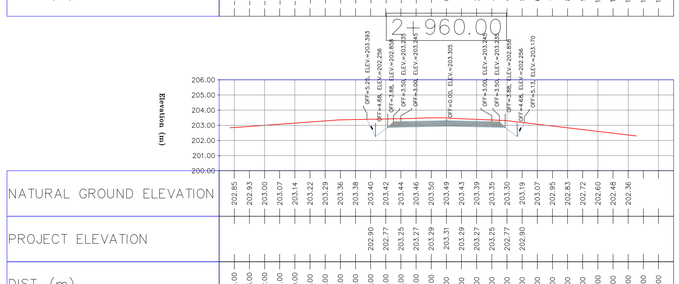


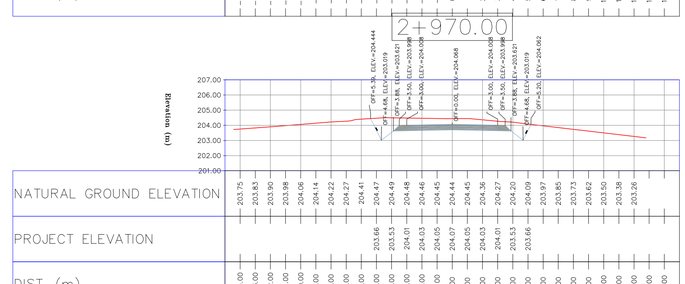


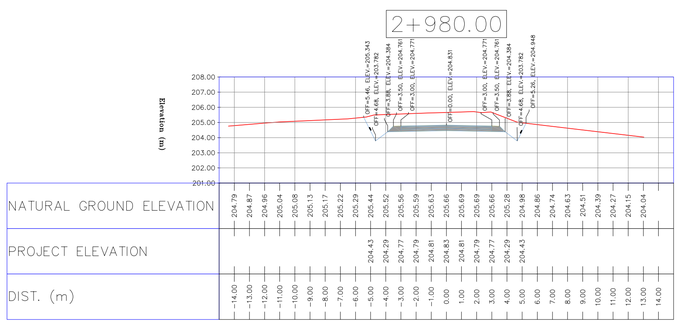


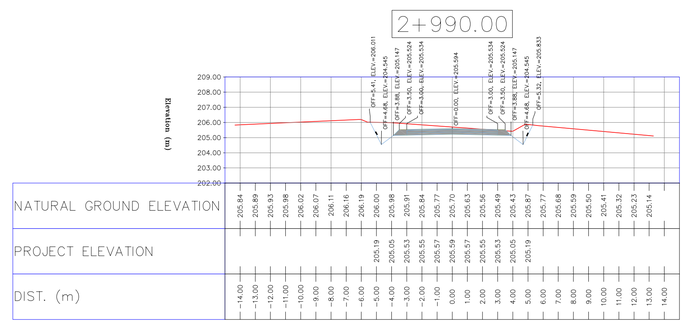












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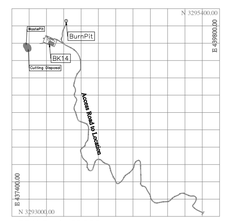
	WELL LOCATION		CANAL
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KEY PLAN



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PROJECT NO.: 971020

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14
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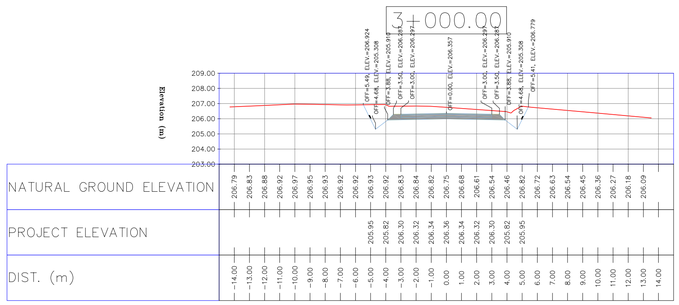
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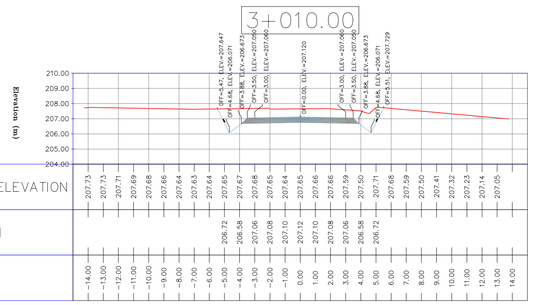
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

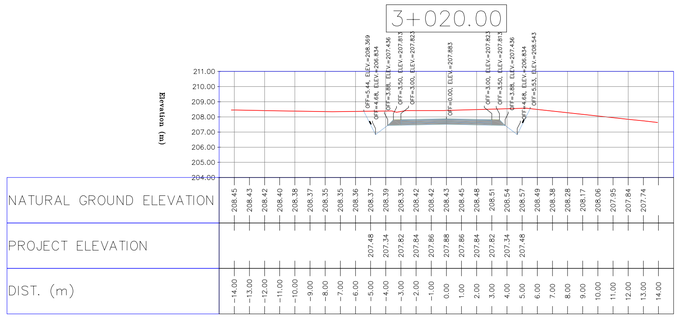
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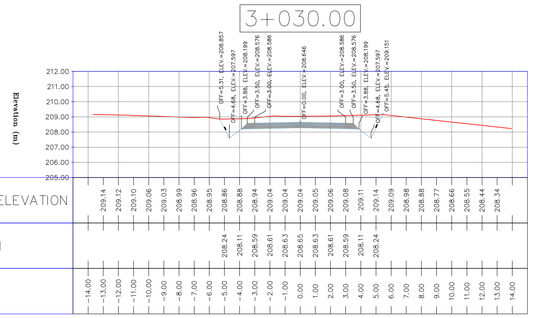
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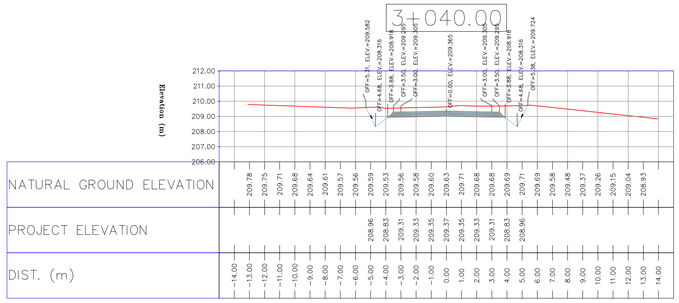
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053-073-9184	F	4	S	708209	71	D05

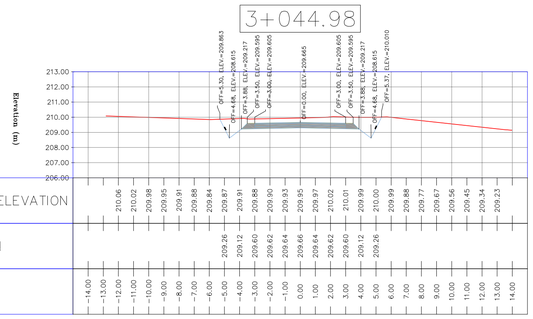


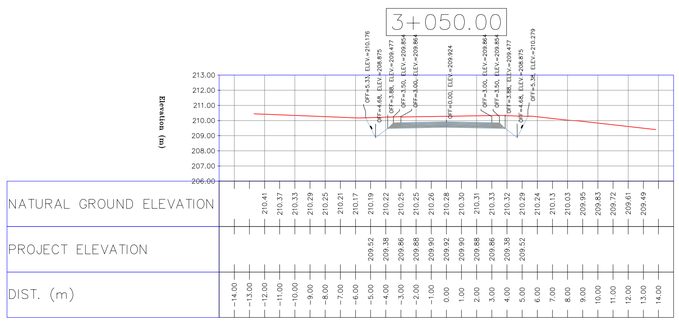


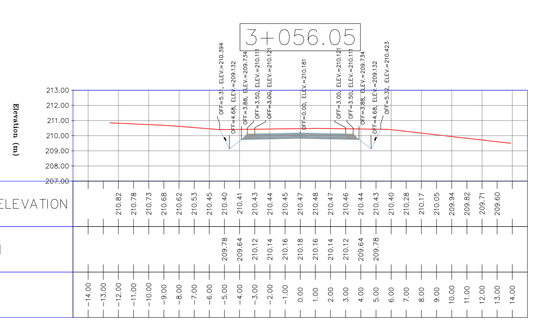












NOTES

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2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:

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ELLIPSOID :	WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION:	UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM:	MSL

4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
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- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

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LEGEND

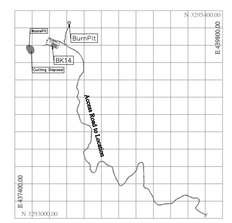
	WELL LOCATION		CANAL
	WELL		RIVER
	SITE		WATER COURSE
	CAMP SITE	60 / 50	CONTOURS
	ASPHALT ROAD	99.27	SPOT HEIGHT
	GRAVEL ROAD		BENCH MARK
	PROPOSED ROAD		BRIDGE
	DAYLIGHT		CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout – BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report – BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works – BK14	BK-BK14-PEDCO-110-CV-MT-0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



SCALE: 1/35000

REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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N.I.S.O.C./ FIELDS

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY – PEDCO

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

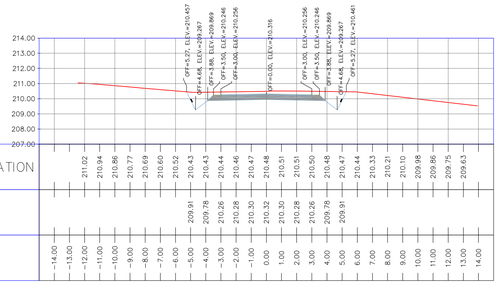
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14
ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	72 OF 99	D05

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
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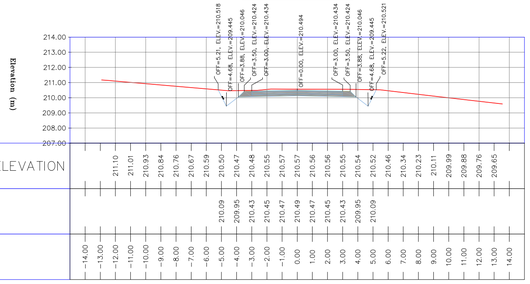
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3+060.00



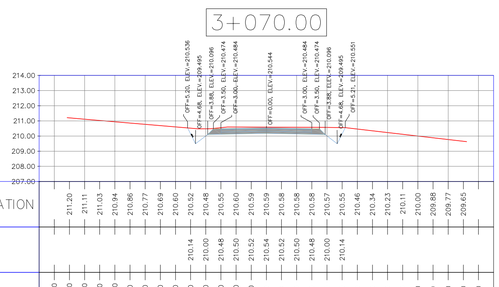
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PROJECT ELEVATION											210.58	210.44	210.92	210.94	210.96	210.98	210.96	210.94	210.92	210.44	210.58								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+067.11



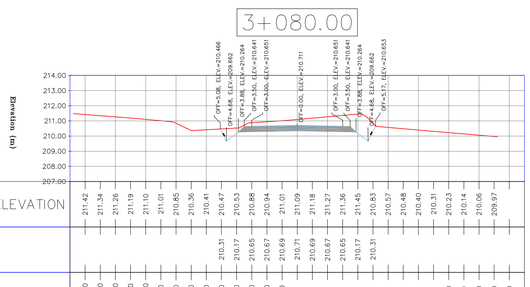
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PROJECT ELEVATION								210.09	209.95	210.43	210.45	210.47	210.49	210.47	210.45	210.43	209.95	210.09										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+070.00



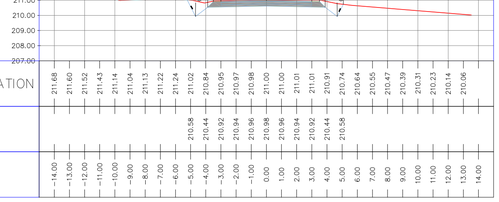
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PROJECT ELEVATION									210.14	210.00	210.48	210.50	210.52	210.52	210.50	210.48	210.00	210.14											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+080.00



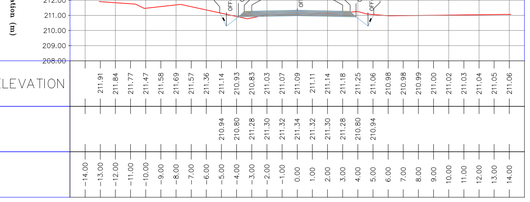
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PROJECT ELEVATION										210.31	210.17	210.65	210.67	210.69	210.71	210.69	210.67	210.65	210.17	210.31									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+090.00



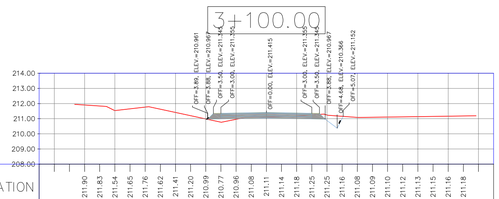
NATURAL GROUND ELEVATION	211.68	211.65	211.52	211.43	211.14	211.04	211.13	211.22	211.24	211.02	210.84	210.95	210.97	210.98	211.00	211.01	211.01	210.91	210.74	210.64	210.55	210.47	210.39	210.31	210.23	210.14	210.06		
PROJECT ELEVATION											210.58	210.44	210.92	210.94	210.96	210.98	210.96	210.94	210.92	210.44	210.58								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+098.50



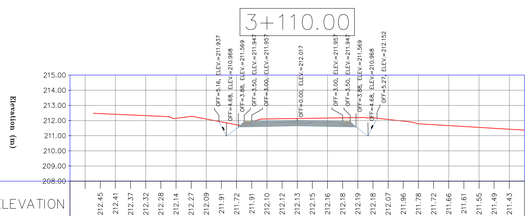
NATURAL GROUND ELEVATION	211.91	211.84	211.77	211.47	211.58	211.69	211.57	211.36	211.14	210.93	210.83	211.03	211.07	211.09	211.11	211.14	211.18	211.25	211.06	210.98	210.98	210.99	211.00	211.02	211.03	211.04	211.05	211.06	
PROJECT ELEVATION									210.94	210.80	211.28	211.30	211.32	211.34	211.32	211.30	211.28	210.80	210.94										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+100.00



NATURAL GROUND ELEVATION	211.90	211.83	211.54	211.65	211.76	211.62	211.41	211.20	210.99	210.77	210.96	211.08	211.41	211.11	211.14	211.18	211.25	211.16	211.08	211.09	211.10	211.12	211.13	211.15	211.16	211.18		
PROJECT ELEVATION								211.35	211.37	210.96	211.39	211.41	211.39	211.37	211.35	210.88	211.01											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+110.00



NATURAL GROUND ELEVATION	212.45	212.41	212.37	212.32	212.28	212.14	212.27	212.09	211.91	211.72	211.91	211.96	212.10	212.12	212.00	212.02	212.00	211.88	211.96	211.48	211.61	212.07	211.96	211.78	211.72	211.66	211.61	211.55	211.49	211.43
PROJECT ELEVATION									211.61	211.48	211.96	211.98	212.00	212.02	212.00	211.98	211.96	211.48	211.61											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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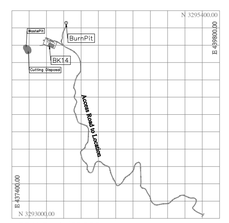
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
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WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
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KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
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D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY – PEDCO

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

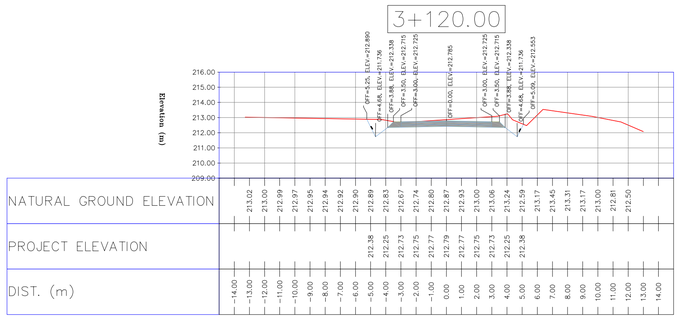
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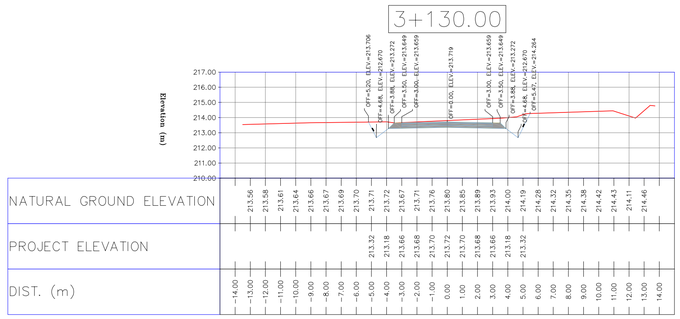
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14
ACCESS ROAD TRANSVERSAL SECTIONS

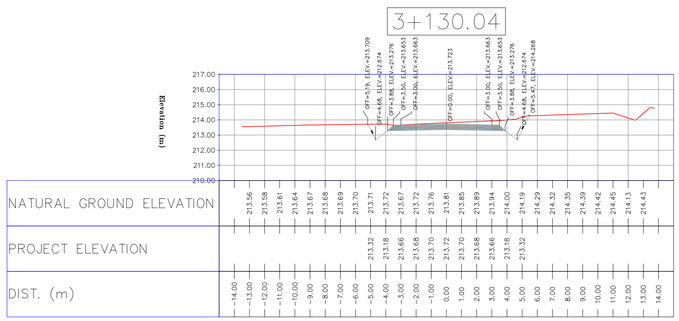
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H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	73 OF 99	D05

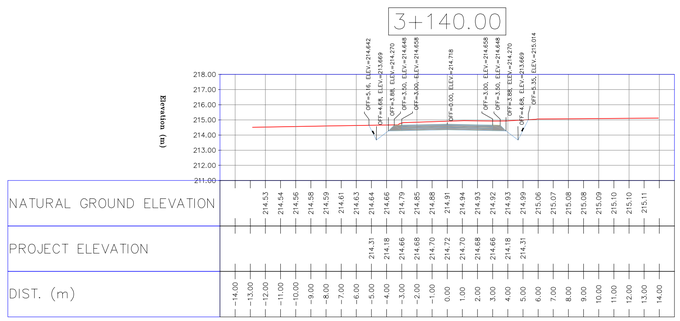
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE:

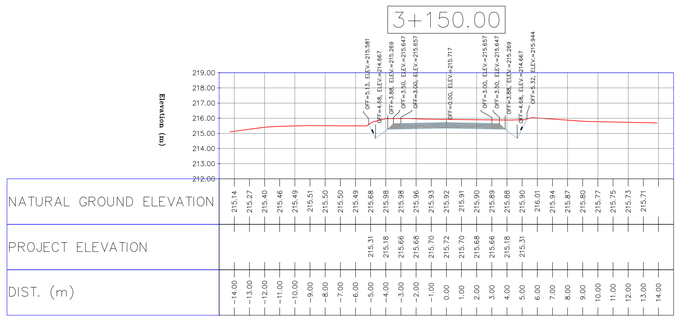
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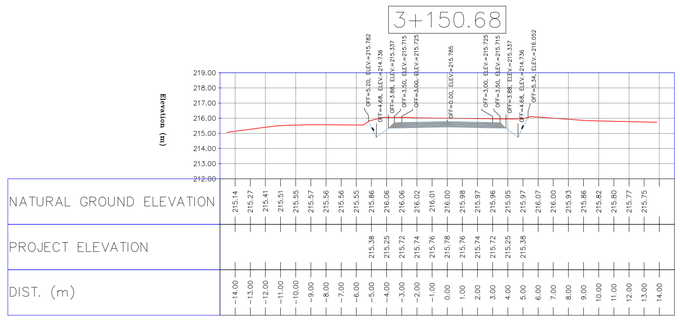


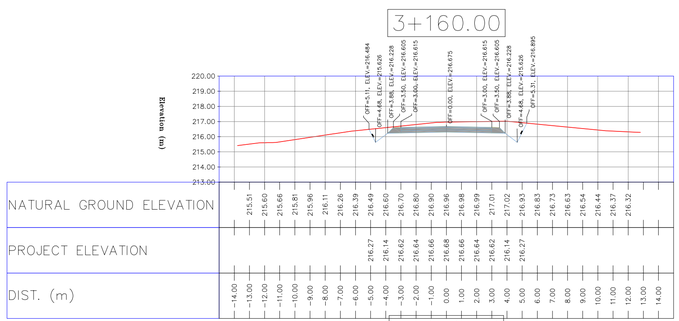


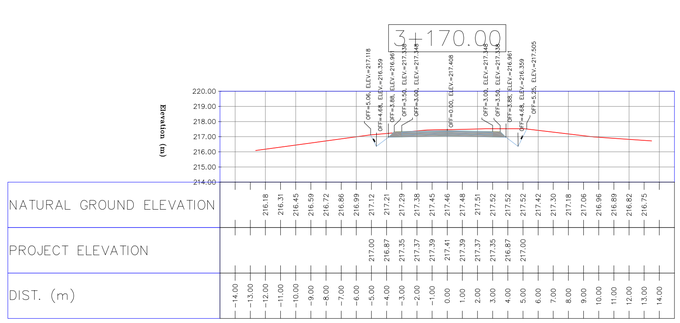


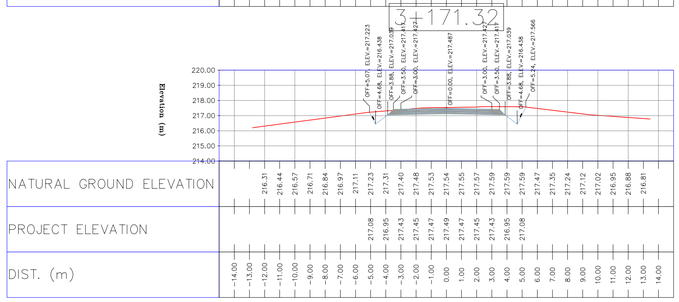












NOTES

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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:	MSL

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LEGEND

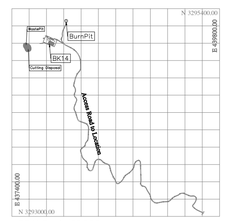
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK–BK14–PEDCO–110–CV–PY–0001
Rough Grading Plan–BK14	BK–BK14–PEDCO–110–CV–PY–0003
Specification For Earth Work	BK–GNRAL–PEDCO–000–CV–SP–0004
Standard Drawing For Slope Protection Details	BK–GNRAL–PEDCO–000–CV–DW–0002
Geotechnical Investigation Report – BK14	BK–BK14–PEDCO–110–GT–RT–0001
Specification For Road & Paving	BK–GNRAL–PEDCO–000–CV–SP–0002
MTO For Civil Works – BK14	BK–BK14–PEDCO–110–CV–MT–0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB–SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14
ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK–BK14–PEDCO–110–CV–DW–0001	74 OF 99	D05

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

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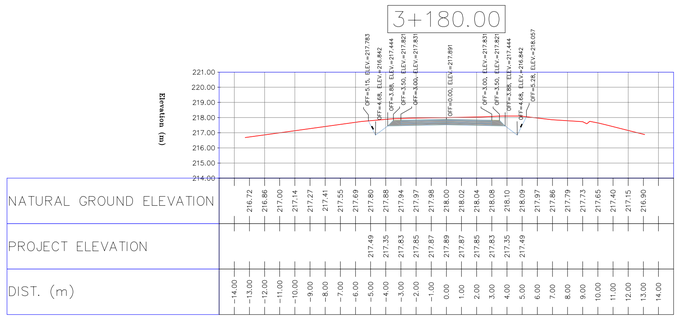
BINAK OILFIELD DEVELOPMENT
SUB–SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

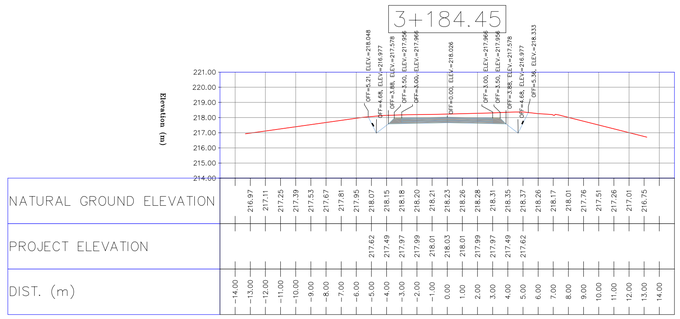
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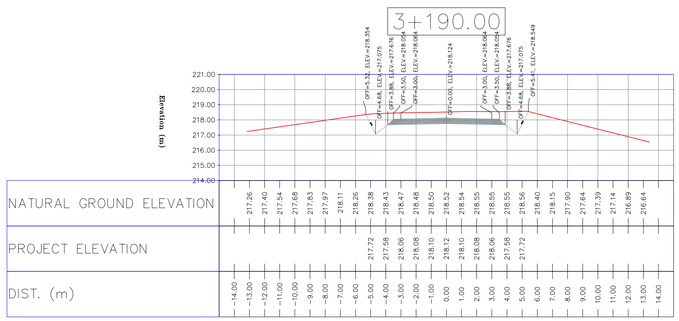
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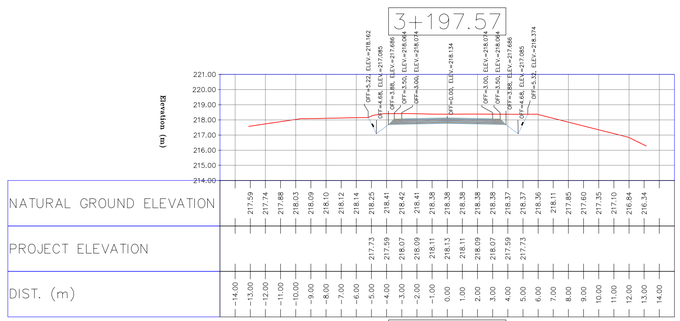
APPROVED FOR CONSTRUCTION | BY: | DATE:

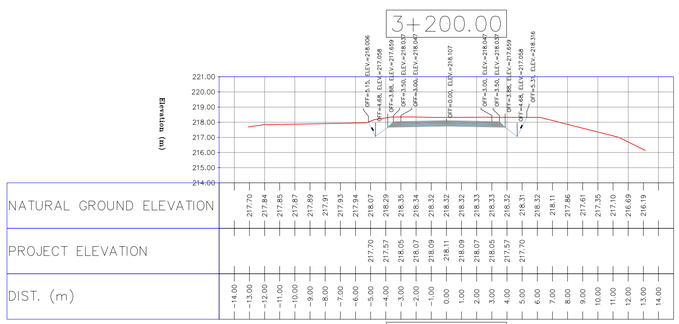
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053–073–9184	F	4	S	708209	74	D05

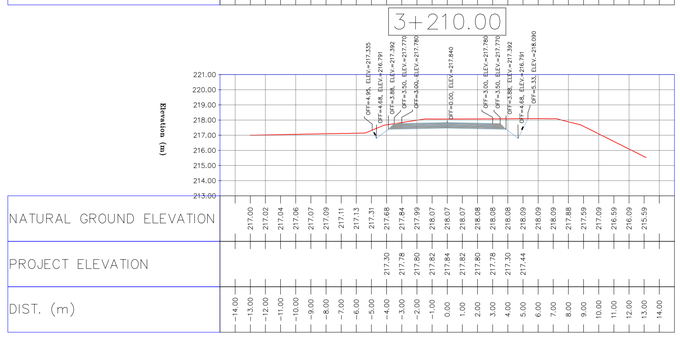


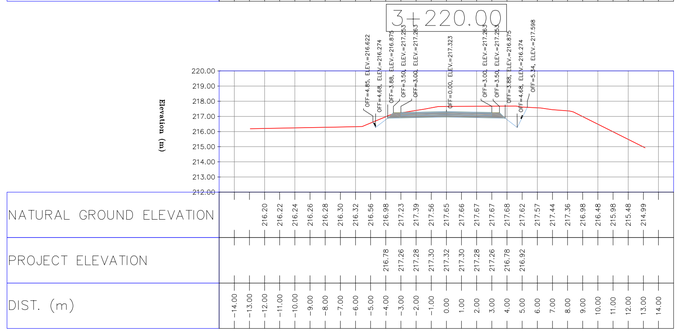


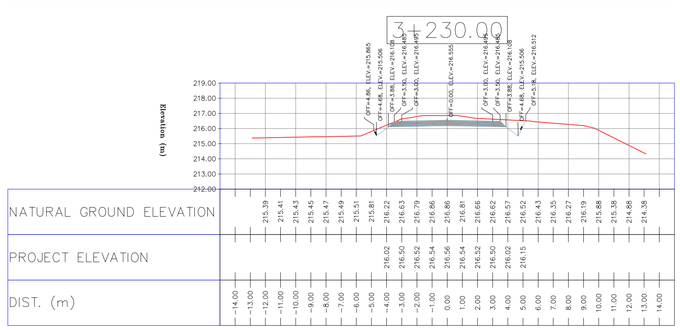












NOTES

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VERTICAL DATUM:	MSL

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LEGEND

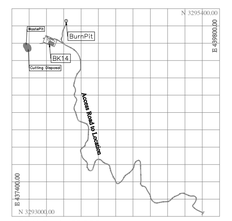
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●	WELL		RIVER
▭	SITE		WATER COURSE
▭	CAMP SITE	60 / 50	CONTOURS
	ASPHALT ROAD	99.27	SPOT HEIGHT
	GRAVEL ROAD	△	BENCH MARK
	PROPOSED ROAD		BRIDGE
	DAYLIGHT		CULVERT

REFERENCE DRAWING	DRG. No.
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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
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D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB–SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

BINAK OILFIELD DEVELOPMENT
SUB–SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

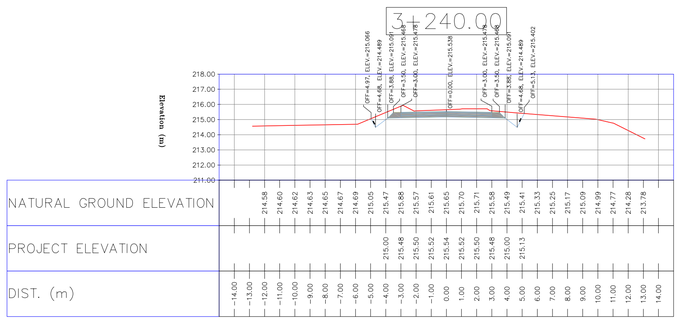
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14
ACCESS ROAD TRANSVERSAL SECTIONS

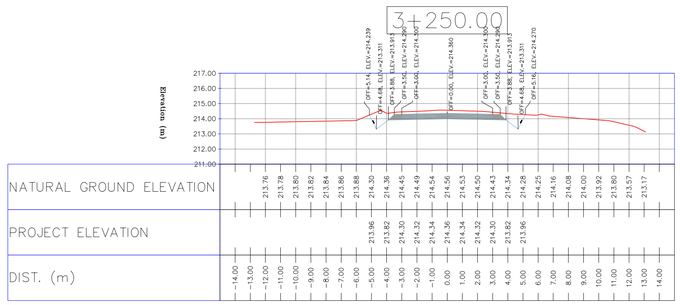
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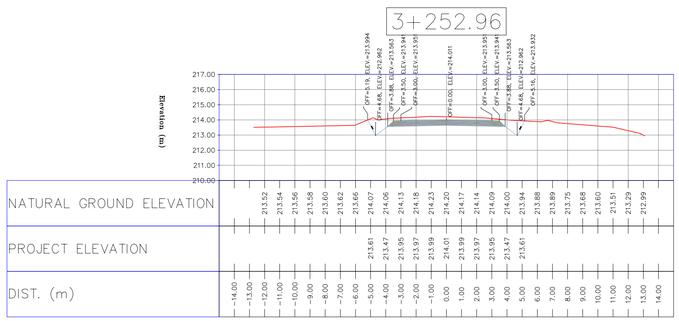
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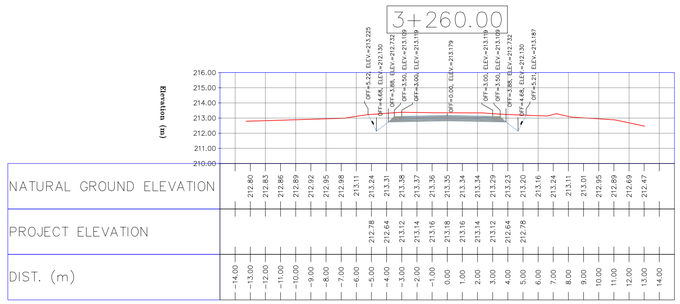
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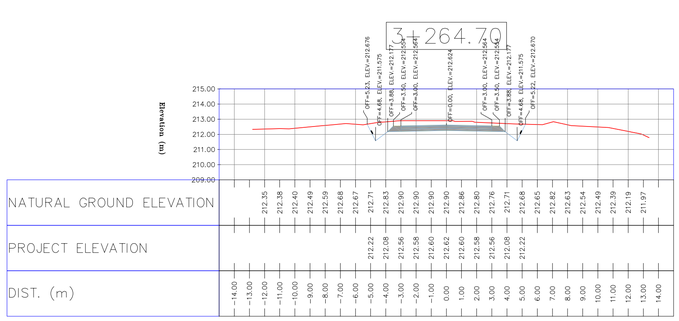
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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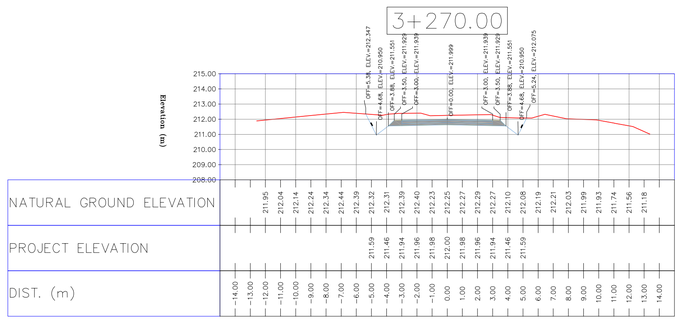


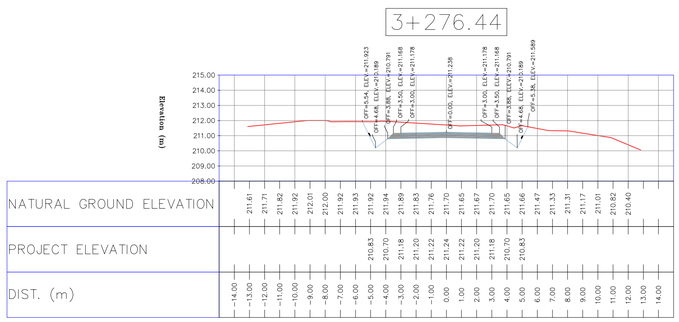


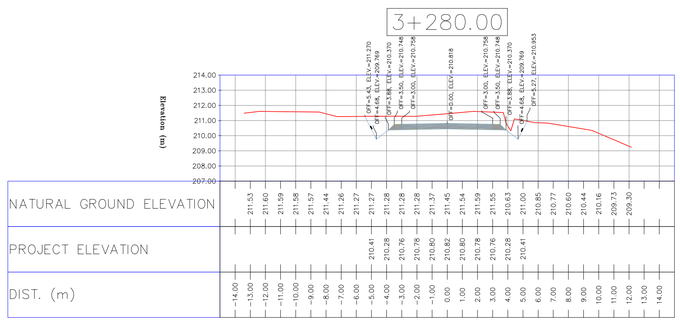












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VERTICAL DATUM:	MSL

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LEGEND

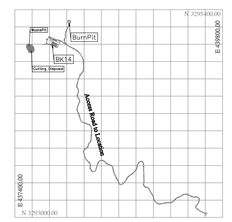
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
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REFERENCE DRAWING	DRG. No.
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KEY PLAN



SCALE: 1/35000

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

D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB–SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

BINAK OILFIELD DEVELOPMENT
SUB–SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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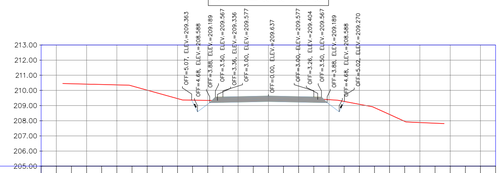
APPROVED FOR CONSTRUCTION | BY: | DATE:

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14
ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK–BK14–PEDCO–110–CV–DW–0001	76 OF 99	D05

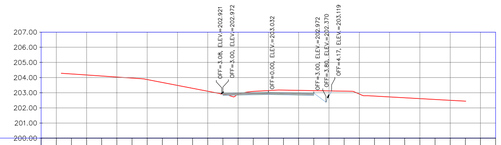
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053–073–9184	F	4	S	708209	76	D05

3+290.00


Elevation (m)
213.00
212.00
211.00
210.00
209.00
208.00
207.00
206.00
205.00
OFF=5.07, ELEV=209.363
OFF=4.68, ELEV=208.588
OFF=3.98, ELEV=208.189
OFF=3.58, ELEV=208.397
OFF=3.36, ELEV=209.328
OFF=3.00, ELEV=209.577
OFF=0.00, ELEV=209.637
OFF=-3.00, ELEV=209.577
OFF=-3.26, ELEV=209.404
OFF=-3.50, ELEV=209.587
OFF=-3.74, ELEV=209.269
OFF=-4.18, ELEV=208.588
OFF=-4.52, ELEV=209.270

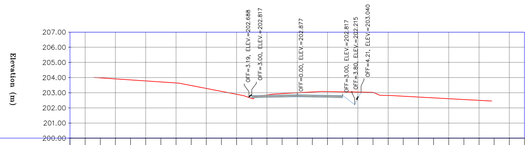
| | | |

3+356.48



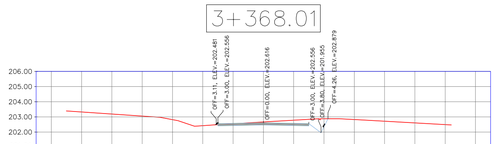
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
NATURAL GROUND ELEVATION	204.24	204.17	204.10	204.04	203.97	203.87	203.68	203.49	203.29	203.10	202.91	202.89	203.09	203.14	203.17	203.16	203.14	203.12	203.10	202.91	202.78	202.72	202.67	202.61	202.56	202.50	202.45		
PROJECT ELEVATION											202.97	202.99	203.01	203.03	203.01	202.99	202.97	202.77											

3+360.00



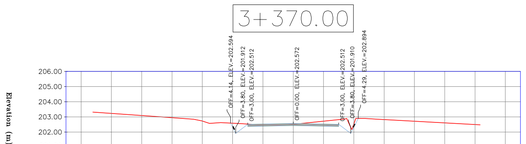
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
NATURAL GROUND ELEVATION	203.98	203.91	203.84	203.78	203.71	203.64	203.47	203.28	203.09	202.90	202.62	202.85	202.86	202.94	203.00	203.05	203.08	203.06	203.04	203.03	202.82	202.77	202.72	202.66	202.61	202.55	202.50		
PROJECT ELEVATION											202.82	202.84	202.86	202.88	202.86	202.84	202.82	202.61											

3+368.01



DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
NATURAL GROUND ELEVATION	203.39	203.32	203.26	203.19	203.12	203.06	202.99	202.82	202.53	202.42	202.49	202.55	202.61	202.67	202.72	202.78	202.84	202.88	202.82	202.77	202.71	202.66	202.60	202.55	202.49				
PROJECT ELEVATION											202.56	202.58	202.60	202.62	202.60	202.58	202.56	202.35											

3+370.00



DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
NATURAL GROUND ELEVATION	203.30	203.23	203.16	203.09	203.02	202.95	202.87	202.73	202.61	202.59	202.53	202.48	202.47	202.51	202.62	202.72	202.82	202.92	202.88	202.83	202.77	202.72	202.66	202.61	202.55	202.50			
PROJECT ELEVATION										202.31	202.51	202.53	202.55	202.57	202.55	202.53	202.51	202.31											

3+380.00



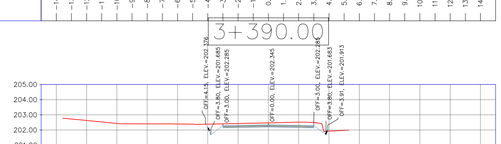
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
NATURAL GROUND ELEVATION	202.93	202.85	202.76	202.67	202.58	202.57	202.58	202.58	202.52	202.46	202.39	202.41	202.40	202.38	202.36	202.25	202.40	202.33	202.26	202.19	202.12	202.05	201.98	201.91	201.84				
PROJECT ELEVATION											202.20	202.42	202.42	202.44	202.46	202.42	202.40												

3+381.65



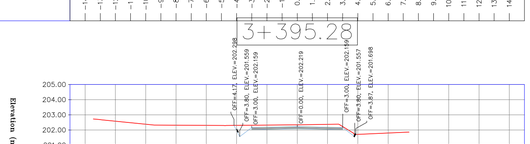
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
NATURAL GROUND ELEVATION	202.89	202.80	202.71	202.62	202.54	202.55	202.54	202.55	202.54	202.48	202.42	202.38	202.41	202.41	202.38	202.36	202.30	202.23	202.30	202.23	202.16	202.09	202.02	201.94	201.87	201.80	201.73		
PROJECT ELEVATION											202.19	202.39	202.41	202.43	202.45	202.41	202.39												

3+390.00



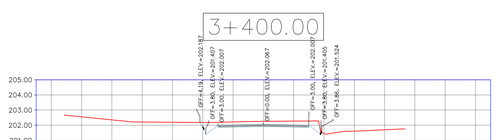
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
NATURAL GROUND ELEVATION	202.72	202.62	202.53	202.43	202.40	202.40	202.39	202.38	202.38	202.40	202.42	202.45	202.47	202.49	202.51	202.49	202.49	201.92	201.97										
PROJECT ELEVATION											202.08	202.28	202.30	202.32	202.34	202.32	202.30	202.28											

3+395.28



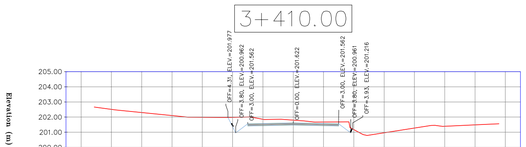
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
NATURAL GROUND ELEVATION	202.68	202.58	202.48	202.38	202.32	202.31	202.31	202.30	202.29	202.30	202.31	202.32	202.33	202.34	202.35	202.37	202.22	201.70	201.75	201.80	201.84								
PROJECT ELEVATION											201.96	202.16	202.18	202.20	202.22	202.20	202.18	202.16											

3+400.00



DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
NATURAL GROUND ELEVATION	202.65	202.55	202.45	202.36	202.26	202.22	202.21	202.20	202.19	202.19	202.19	202.22	202.25	202.26	202.27	202.27	202.28	201.55	201.61	201.65	201.70	201.75							
PROJECT ELEVATION											201.81	202.01	202.03	202.05	202.07	202.05	202.03	202.01											

3+410.00



DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
NATURAL GROUND ELEVATION	202.65	202.51	202.40	202.30	202.20	202.10	202.00	201.99	201.98	201.98	202.01	201.86	201.85	201.80	201.72	201.67	201.68	201.18	200.81	200.97	201.12	201.28	201.44	201.39	201.44	201.49	201.53		
PROJECT ELEVATION											201.36	201.56	201.58	201.60	201.62	201.60	201.58	201.56											

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.

2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.

3- 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:	MSL

4- 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-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

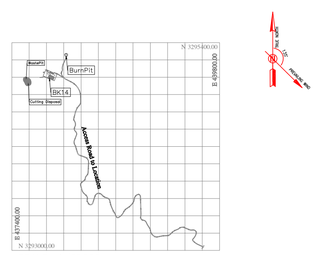
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report - BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - BK14	BK-BK14-PEDCO-110-CV-MT-0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	78 OF 99	D05

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

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

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

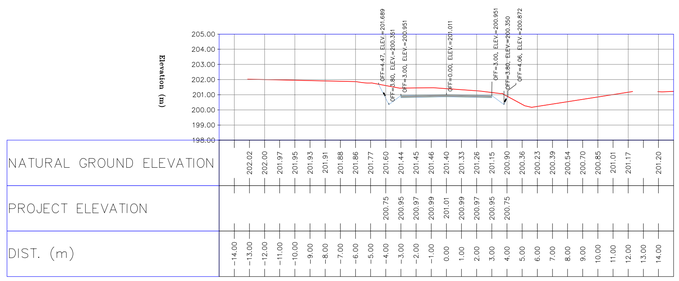
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

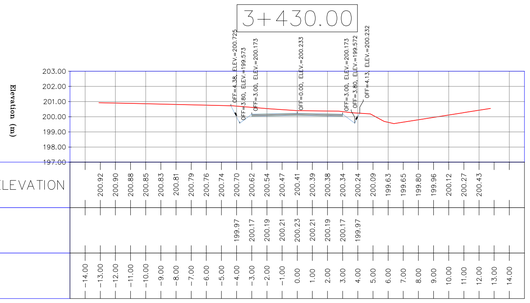
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	78	D05

3+420.00



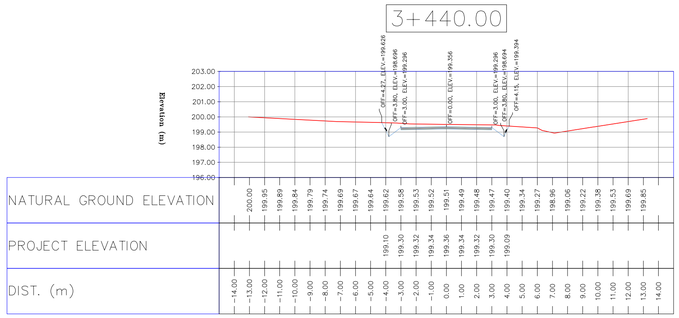
NATURAL GROUND ELEVATION	202.02	202.00	201.97	201.95	201.93	201.91	201.88	201.86	201.77	201.60	201.44	201.45	201.46	201.40	201.33	201.26	201.15	200.90	200.35	200.23	200.19	200.54	200.70	200.85	201.01	201.17	201.20	
PROJECT ELEVATION										200.75	200.95	200.97	200.99	201.01	200.99	200.97	200.95	200.75										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+430.00



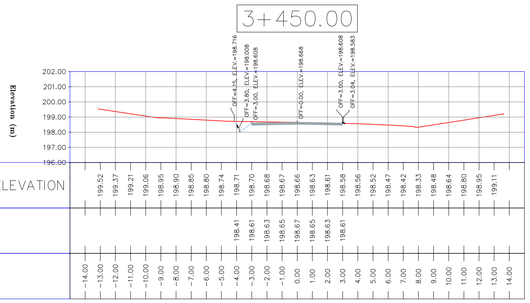
NATURAL GROUND ELEVATION	200.92	200.90	200.88	200.85	200.83	200.81	200.79	200.76	200.74	200.70	200.62	200.54	200.47	200.41	200.39	200.38	200.34	200.24	200.09	199.63	199.80	199.96	200.12	200.27	200.43			
PROJECT ELEVATION										199.97	200.17	200.19	200.21	200.23	200.21	200.19	200.17	199.97										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+440.00



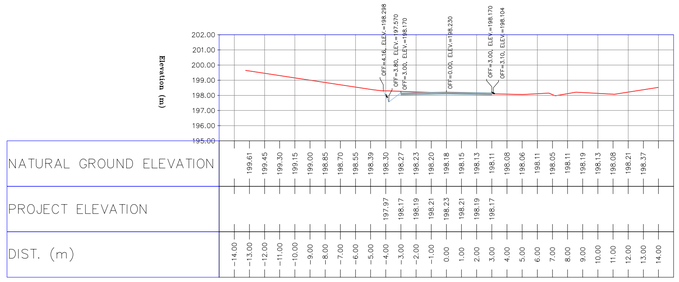
NATURAL GROUND ELEVATION	200.00	199.95	199.89	199.84	199.79	199.74	199.69	199.67	199.64	199.62	199.58	199.53	199.52	199.51	199.49	199.48	199.47	199.40	199.34	199.27	198.96	199.06	199.22	199.38	199.53	199.69	199.85	
PROJECT ELEVATION										199.10	199.30	199.32	199.34	199.36	199.34	199.32	199.30	199.09										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+450.00



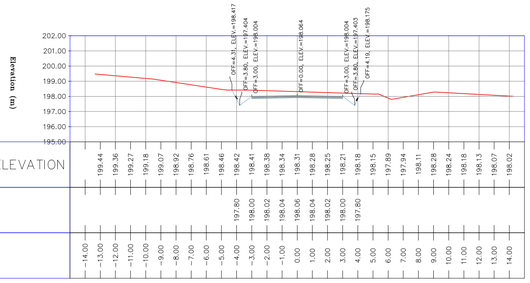
NATURAL GROUND ELEVATION	199.52	199.37	199.21	199.06	198.95	198.90	198.85	198.80	198.74	198.71	198.70	198.68	198.67	198.66	198.63	198.61	198.58	198.56	198.52	198.47	198.42	198.33	198.48	198.64	198.80	198.95	199.11	
PROJECT ELEVATION										198.41	198.61	198.63	198.65	198.67	198.65	198.63	198.61											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+460.00



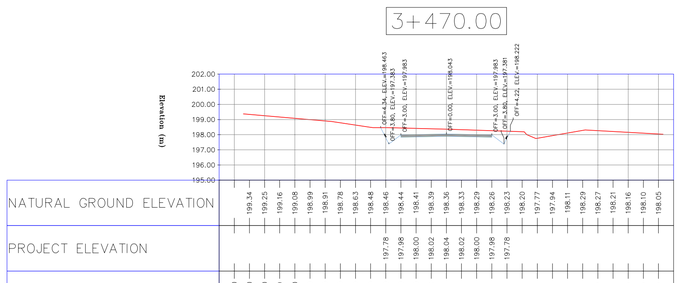
NATURAL GROUND ELEVATION	199.61	199.45	199.30	199.15	199.00	198.85	198.70	198.55	198.39	198.30	198.27	198.23	198.20	198.18	198.15	198.13	198.11	198.08	198.06	198.11	198.05	198.11	198.19	198.13	198.08	198.21	198.37	
PROJECT ELEVATION										197.97	198.17	198.19	198.21	198.23	198.21	198.19	198.17											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+467.67



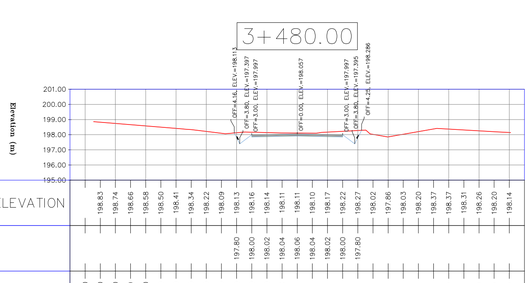
NATURAL GROUND ELEVATION	199.44	199.36	199.27	199.18	199.07	198.92	198.76	198.61	198.46	198.42	198.41	198.38	198.34	198.31	198.28	198.25	198.21	198.18	198.15	197.89	197.84	198.11	198.28	198.24	198.18	198.13	198.07	198.02
PROJECT ELEVATION										197.80	198.00	198.02	198.04	198.06	198.04	198.02	198.00	197.80										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+470.00



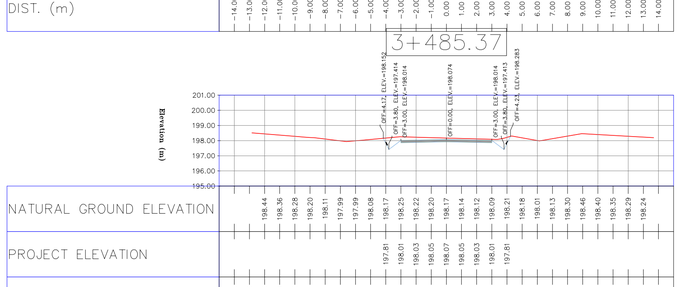
NATURAL GROUND ELEVATION	199.34	199.25	199.16	199.08	198.99	198.91	198.78	198.63	198.48	198.46	198.44	198.41	198.39	198.36	198.33	198.29	198.26	198.23	198.20	197.77	197.94	198.11	198.29	198.27	198.21	198.16	198.10	198.05
PROJECT ELEVATION										197.78	197.98	198.00	198.02	198.04	198.02	198.00	197.98	197.78										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+480.00



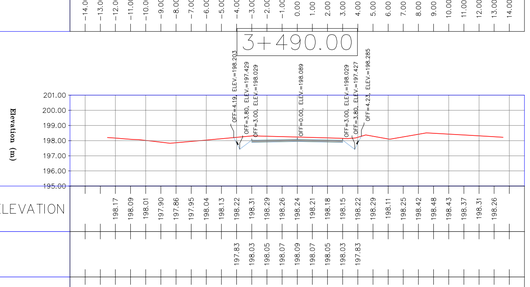
NATURAL GROUND ELEVATION	198.83	198.74	198.66	198.58	198.41	198.34	198.22	198.09	198.13	198.00	198.16	198.14	198.11	198.11	198.10	198.17	198.22	198.27	198.02	197.86	198.03	198.20	198.37	198.37	198.31	198.26	198.20	198.14
PROJECT ELEVATION										197.80	198.00	198.02	198.04	198.06	198.04	198.02	198.00	197.80										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+485.37



NATURAL GROUND ELEVATION	198.44	198.36	198.28	198.20	198.11	197.99	197.99	198.08	198.17	198.25	198.22	198.20	198.17	198.14	198.12	198.09	198.01	198.13	198.30	198.46	198.40	198.35	198.29	198.24				
PROJECT ELEVATION										197.81	198.01	198.03	198.05	198.07	198.05	198.03	198.01	197.81										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+490.00



NATURAL GROUND ELEVATION	198.17	198.09	198.01	197.90	197.86	197.95	198.13	198.04	198.22	198.31	198.29	198.26	198.24	198.21	198.18	198.15	198.22	198.29	198.11	198.25	198.42	198.48	198.43	198.37	198.31	198.26		
PROJECT ELEVATION										197.83	198.03	198.05	198.07	198.09	198.07	198.05	198.03	197.83										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.

2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.

3- 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:	MSL

4- 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-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

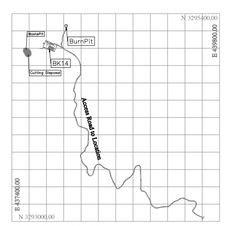
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report – BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works – BK14	BK-BK14-PEDCO-110-CV-MT-0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	79 OF 99	D05

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

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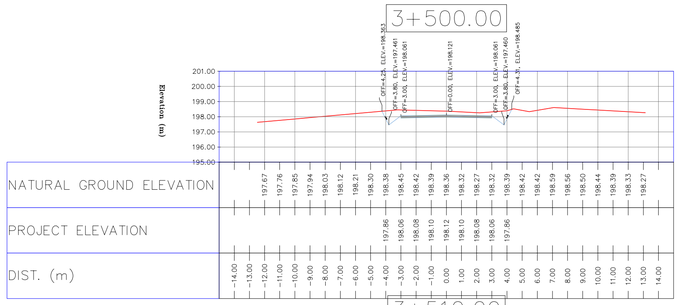
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

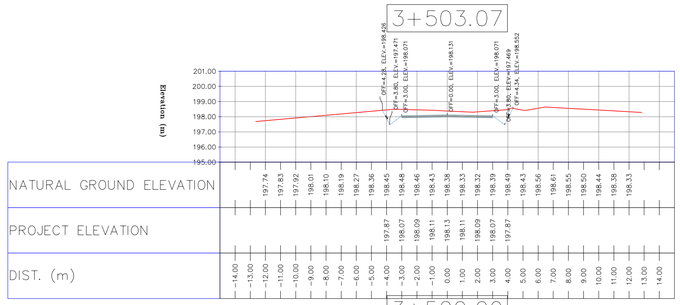
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

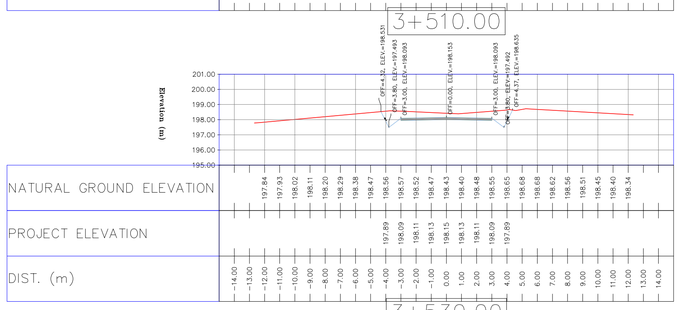
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

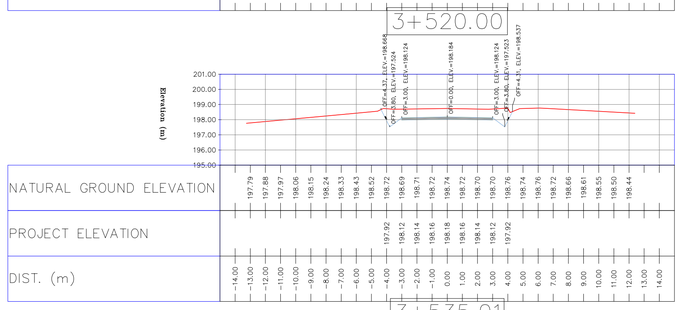
APPROVED FOR CONSTRUCTION | BY: | DATE:

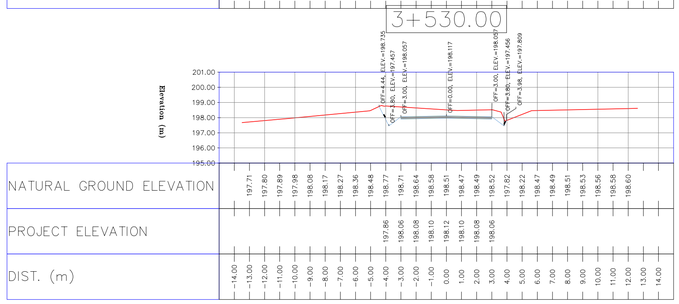
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	79	D05

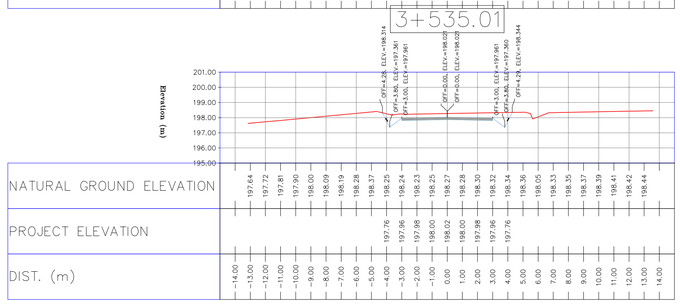


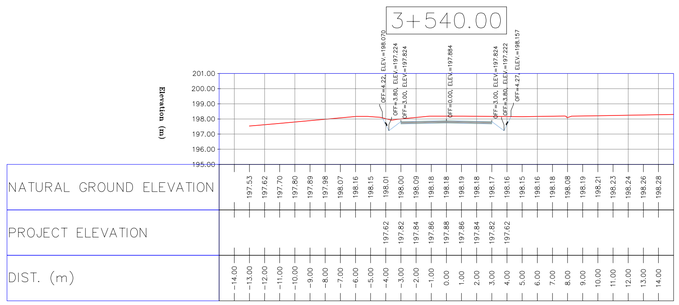


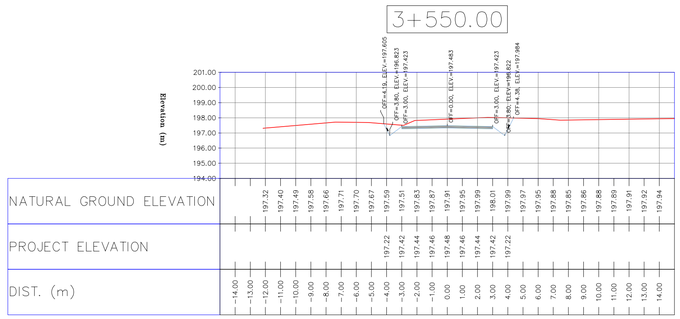


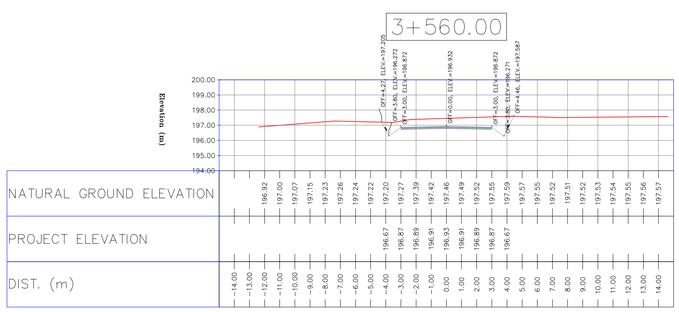


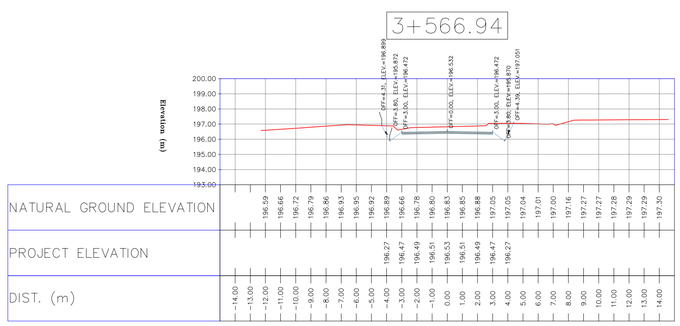












NOTES

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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:	MSL

4–THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
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- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK–GNRAL–PEDCO–000–CV–SP–0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

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LEGEND

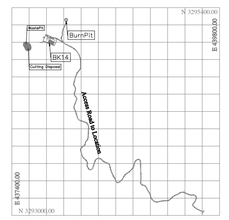
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60, 50)
SPOT HEIGHT (99.27)
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK–BK14–PEDCO–110–CV–PY–0001
Rough Grading Plan–BK14	BK–BK14–PEDCO–110–CV–PY–0003
Specification For Earth Work	BK–GNRAL–PEDCO–000–CV–SP–0004
Standard Drawing For Slope Protection Details	BK–GNRAL–PEDCO–000–CV–DW–0002
Geotechnical Investigation Report – BK14	BK–BK14–PEDCO–110–GT–RT–0001
Specification For Road & Paving	BK–GNRAL–PEDCO–000–CV–SP–0002
MTO For Civil Works – BK14	BK–BK14–PEDCO–110–CV–MT–0001

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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB–SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK–BK14–PEDCO–110–CV–DW–0001	80 OF 99	D05

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
SUB–SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

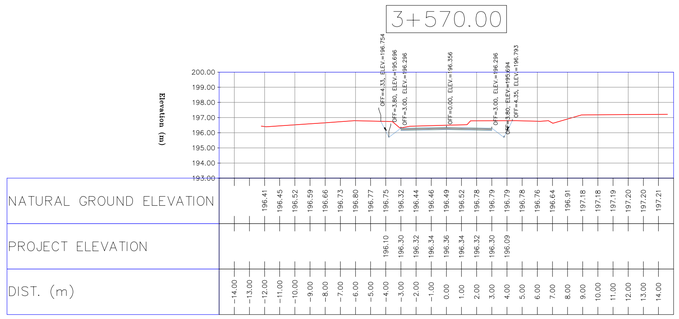
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

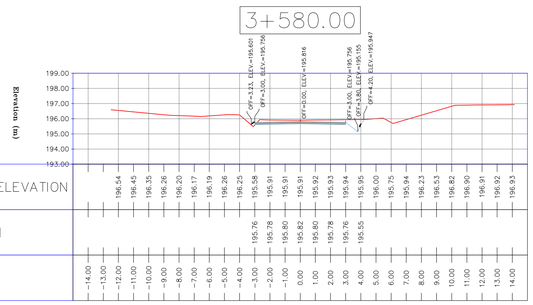
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053–073–9184	F	4	S	708209	80	D05

3+570.00



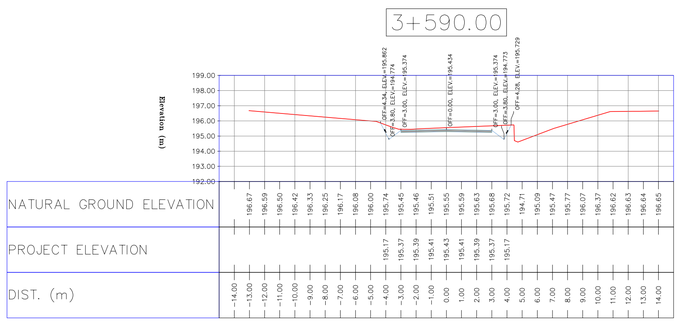
NATURAL GROUND ELEVATION	196.41	196.45	196.52	196.59	196.66	196.73	196.80	196.77	196.75	196.52	196.44	196.46	196.49	196.52	196.78	196.32	196.79	196.78	196.76	196.64	196.91	197.18	197.19	197.20	197.20	197.21		
PROJECT ELEVATION									196.10	196.30	196.32	196.34	196.36	196.34	196.32	196.30	196.09											
DIST. (m)	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+580.00



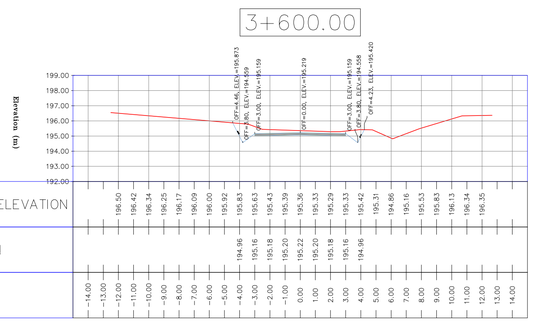
NATURAL GROUND ELEVATION	196.54	196.45	196.35	196.26	196.20	196.17	196.19	196.26	196.25	195.58	195.91	195.91	195.91	195.92	195.93	195.94	195.95	196.00	195.75	195.94	196.23	196.53	196.82	196.90	196.91	196.92	196.93	
PROJECT ELEVATION										195.76	195.78	195.80	195.82	195.80	195.78	195.76	195.55											
DIST. (m)	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+590.00



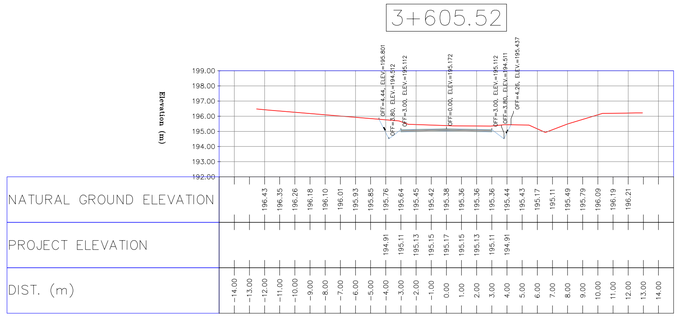
NATURAL GROUND ELEVATION	196.67	196.59	196.50	196.42	196.33	196.25	196.17	196.08	196.00	196.00	196.04	196.00	195.99	195.92	195.83	195.72	194.71	195.09	195.47	195.77	196.07	196.37	196.62	196.63	196.64	196.65		
PROJECT ELEVATION										195.17	195.37	195.39	195.41	195.41	195.41	195.39	195.37	195.17										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+600.00



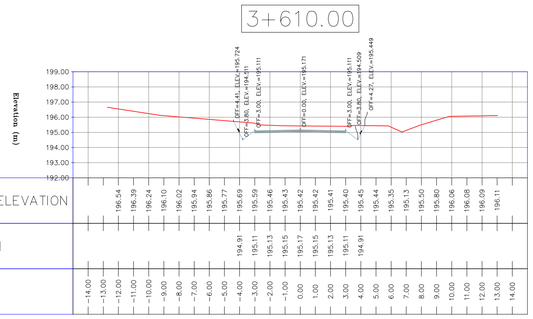
NATURAL GROUND ELEVATION	196.50	196.42	196.34	196.25	196.17	196.09	196.00	196.00	195.92	195.83	195.63	195.43	195.39	195.36	195.33	195.29	195.33	195.42	195.31	194.86	195.16	195.53	195.83	196.13	196.34	196.35		
PROJECT ELEVATION										194.96	195.16	195.18	195.20	195.22	195.20	195.18	195.16	194.96										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+605.52



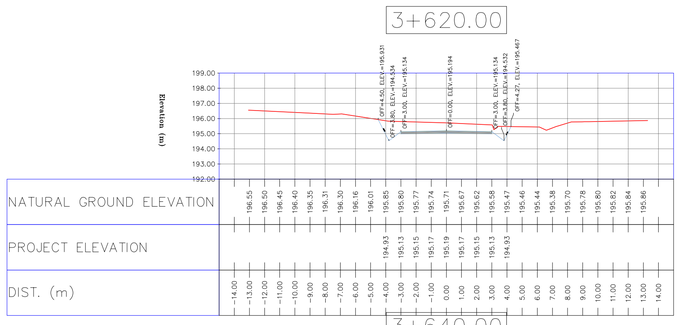
NATURAL GROUND ELEVATION	196.43	196.35	196.26	196.18	196.10	196.01	195.93	195.85	195.76	195.64	195.45	195.42	195.38	195.36	195.36	195.36	195.44	195.43	195.17	195.11	195.49	195.79	196.09	196.19	196.21			
PROJECT ELEVATION										194.91	195.11	195.13	195.15	195.17	195.15	195.13	195.11	194.91										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+610.00



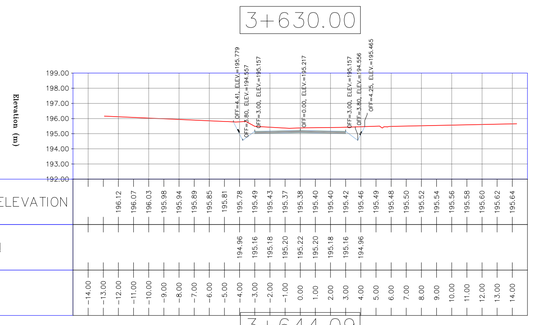
NATURAL GROUND ELEVATION	196.54	196.39	196.24	196.10	196.02	195.94	195.86	195.77	195.69	195.59	195.46	195.43	195.42	195.42	195.41	195.40	195.45	195.44	195.35	195.13	195.50	195.80	196.06	196.08	196.09	196.11		
PROJECT ELEVATION										194.91	195.11	195.13	195.15	195.17	195.15	195.13	195.11	194.91										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+620.00



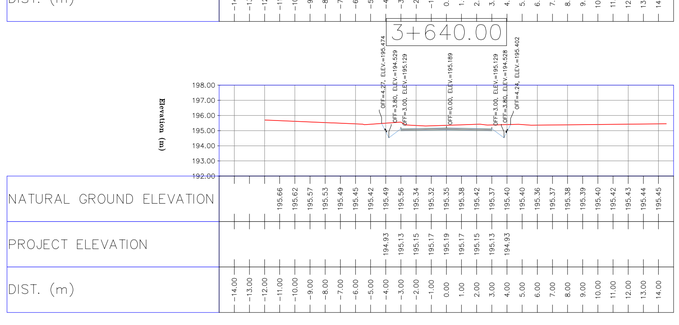
NATURAL GROUND ELEVATION	196.55	196.50	196.45	196.40	196.35	196.31	196.30	196.16	196.01	195.85	195.80	195.77	195.74	195.71	195.67	195.62	195.58	195.47	195.46	195.44	195.38	195.78	195.80	195.84	195.84	195.86		
PROJECT ELEVATION										194.93	195.13	195.15	195.17	195.19	195.17	195.15	195.13	194.93										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+630.00



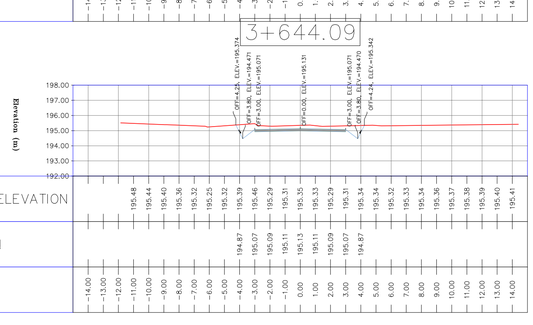
NATURAL GROUND ELEVATION	196.12	196.07	196.03	195.98	195.94	195.89	195.85	195.81	195.78	195.49	195.43	195.38	195.40	195.40	195.42	195.46	195.49	195.48	195.50	195.52	195.54	195.56	195.58	195.60	195.62	195.64		
PROJECT ELEVATION										194.96	195.16	195.18	195.20	195.22	195.20	195.18	195.16	194.96										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+640.00



NATURAL GROUND ELEVATION	195.66	195.62	195.57	195.53	195.49	195.45	195.42	195.49	195.56	195.34	195.32	195.35	195.38	195.42	195.37	195.40	195.40	195.36	195.37	195.38	195.39	195.40	195.42	195.43	195.44	195.45		
PROJECT ELEVATION										194.93	195.13	195.15	195.17	195.19	195.17	195.15	195.13	194.93										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

3+644.09



NATURAL GROUND ELEVATION	195.48	195.44	195.40	195.36	195.32	195.25	195.32	195.39	195.46	195.29	195.31	195.35	195.33	195.33	195.29	195.31	195.34	195.34	195.32	195.33	195.34	195.36	195.37	195.38	195.39	195.40	195.41	
PROJECT ELEVATION										194.87	195.07	195.09	195.11	195.13	195.11	195.09	195.07	194.87										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- 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:	MSL

4- 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-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

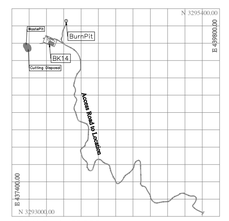
WELL LOCATION		CANAL	
WELL		RIVER	
SITE		WATER COURSE	
CAMP SITE	60 / 50	CONTOURS	
ASPHALT ROAD	99.27	SPOT HEIGHT	
GRAVEL ROAD		BENCH MARK	
PROPOSED ROAD		BRIDGE	
DAYLIGHT		CULVERT	

REFERENCE DRAWING	DRG. No.
General Civil Layout -BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report - BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - BK14	BK-BK14-PEDCO-110-CV-MT-0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14
ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	81 OF 99	D05

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

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

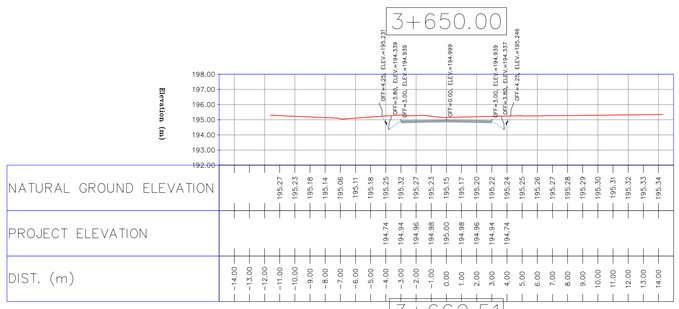
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

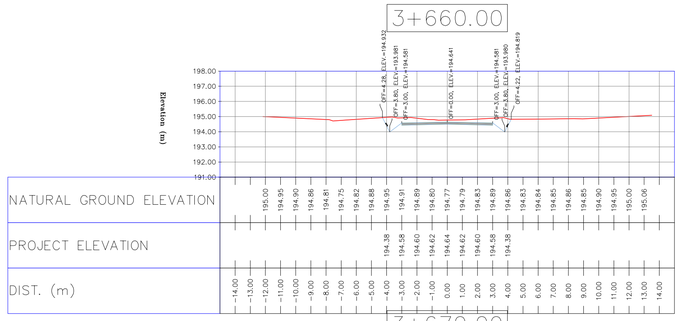
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

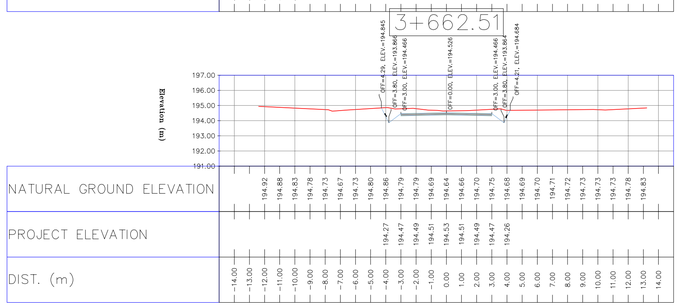
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

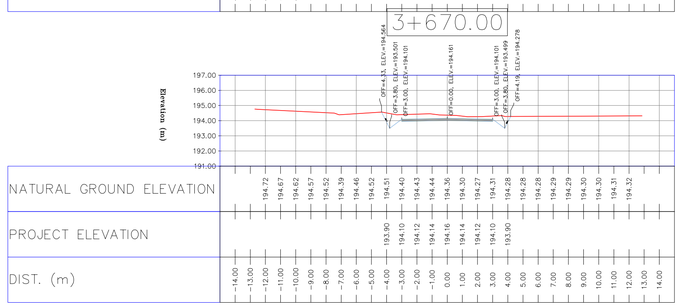
APPROVED FOR CONSTRUCTION	BY:	DATE:

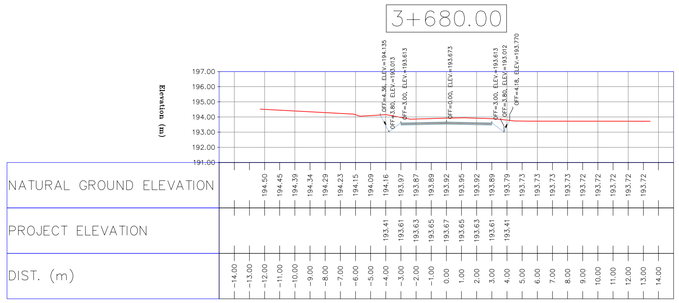
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	81	D05

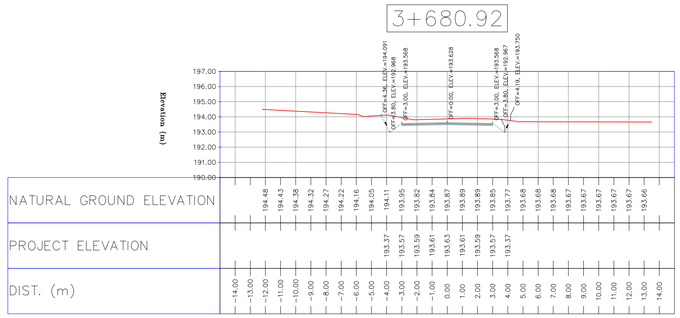


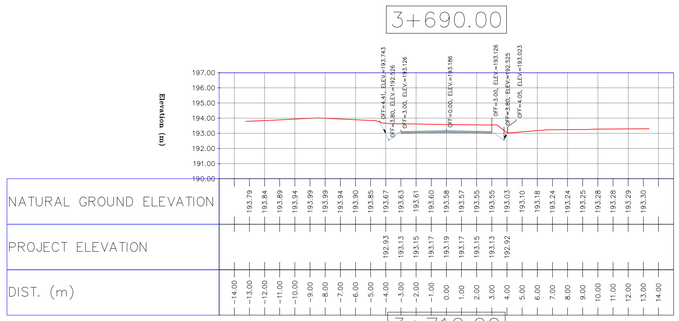


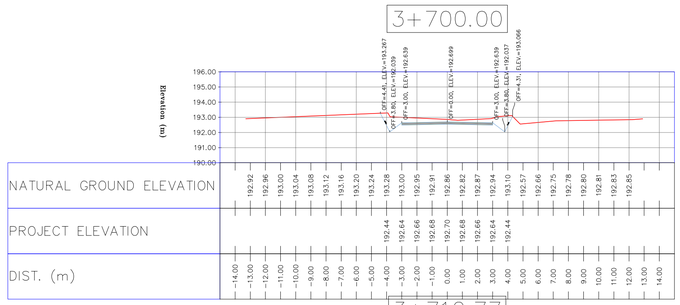


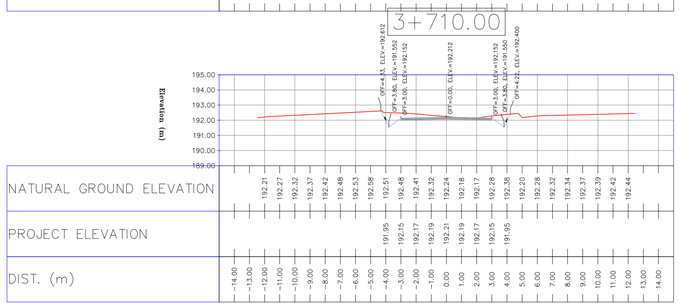


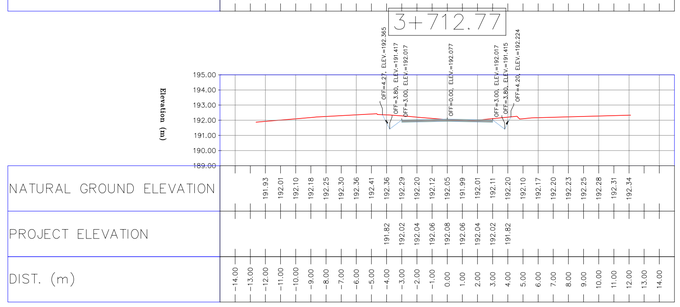












NOTES

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ELLIPSOID :	WORLD GEODETIC SYSTEM 1984 (WGS84)
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VERTICAL DATUM:	MSL

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LEGEND

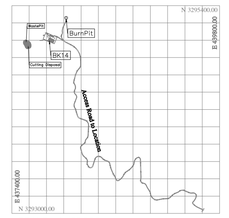
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan–BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report – BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works – BK14	BK-BK14-PEDCO-110-CV-MT-0001

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EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	82 OF 99	D05

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

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	S	708209	82	D05

3+720.00



DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
NATURAL GROUND ELEVATION										191.91	191.91	191.83	191.81	191.81	191.80	191.80	191.80	191.80	191.73	191.84	191.87	191.91	191.94	191.97	192.01	192.04			
PROJECT ELEVATION											191.46	191.66	191.68	191.70	191.72	191.70	191.68	191.66	191.46											

3+730.00



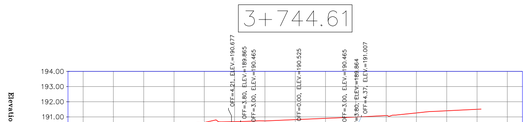
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NATURAL GROUND ELEVATION										191.31	191.30	191.30	191.30	191.30	191.30	191.30	191.30	191.30	191.01	190.77	191.09	191.42	191.55	191.59	191.63	191.67	191.71		
PROJECT ELEVATION											190.98	191.18	191.20	191.22	191.24	191.22	191.20	191.18												

3+740.00



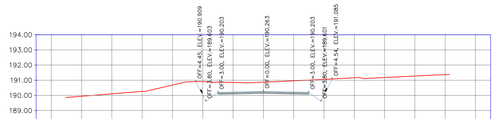
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
NATURAL GROUND ELEVATION										190.69	190.74	190.80	190.85	190.90	190.95	191.00	190.97	190.50	190.66	190.99	191.25	191.30	191.36	191.46	191.54	191.59			
PROJECT ELEVATION										190.49	190.69	190.71	190.73	190.75	190.73	190.71	190.69	190.49											

3+744.61



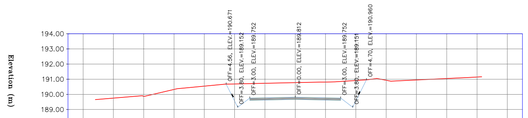
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
NATURAL GROUND ELEVATION										190.68	190.71	190.74	190.78	190.82	190.86	190.91	190.95	190.99	191.04	191.09	191.16	191.26	191.35	191.40	191.45	191.50			
PROJECT ELEVATION											190.27	190.47	190.49	190.51	190.53	190.51	190.49	190.47	190.26											

3+750.00



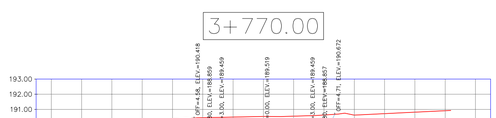
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
NATURAL GROUND ELEVATION										190.91	190.87	190.85	190.83	190.87	190.91	190.96	191.00	191.06	191.11	191.13	191.18	191.23	191.28	191.32	191.37				
PROJECT ELEVATION											190.00	190.20	190.22	190.24	190.26	190.24	190.22	190.20	190.00											

3+760.00



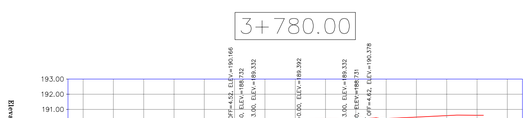
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
NATURAL GROUND ELEVATION										190.68	190.70	190.73	190.75	190.77	190.79	190.81	190.85	191.01	191.00	190.93	190.90	190.95	191.00	191.05	191.09	191.14			
PROJECT ELEVATION											189.55	189.75	189.77	189.79	189.81	189.79	189.77	189.75	189.55											

3+770.00



DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
NATURAL GROUND ELEVATION										190.38	190.45	190.47	190.49	190.51	190.54	190.53	190.55	190.58	190.63	190.70	190.62	190.67	190.72	190.77	190.82	190.87	190.91		
PROJECT ELEVATION											189.26	189.46	189.48	189.50	189.52	189.50	189.48	189.46	189.26											

3+780.00



DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
NATURAL GROUND ELEVATION										190.12	190.21	190.23	190.26	190.26	190.25	190.27	190.30	190.32	190.35	190.40	190.39	190.44	190.49	190.54	190.59	190.62	190.61		
PROJECT ELEVATION											189.13	189.33	189.35	189.37	189.39	189.37	189.35	189.33	189.13											

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- 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:	MSL

4- 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-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

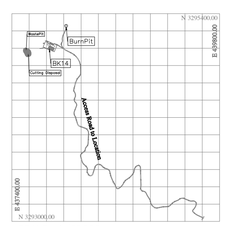
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report - BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - BK14	BK-BK14-PEDCO-110-CV-MT-0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	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/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14
ACCESS ROAD TRANSVERSAL SECTIONS

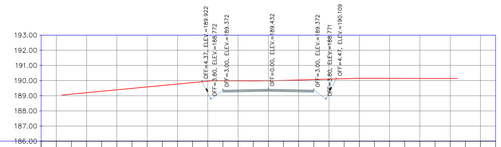
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

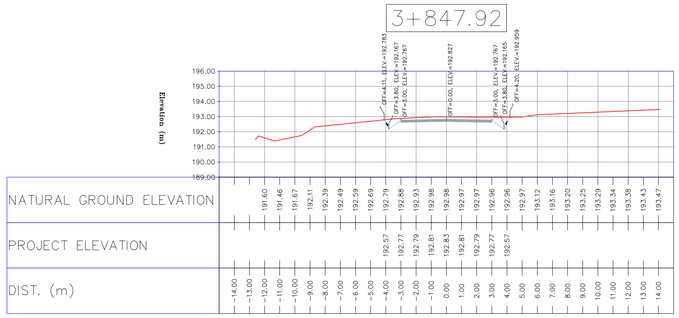
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	83 OF 99	D05

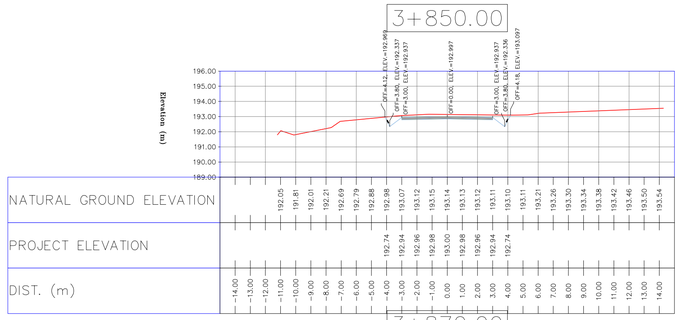
APPROVED FOR CONSTRUCTION				BY:	DATE:	
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	83	D05

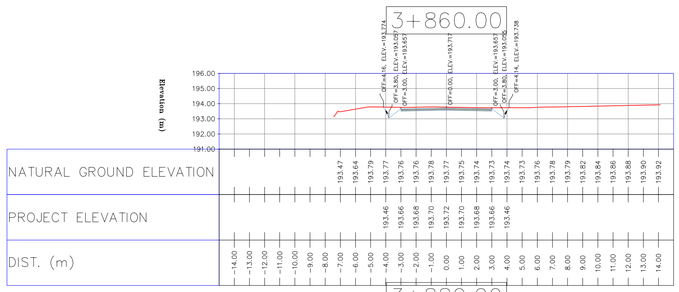
3+790.00

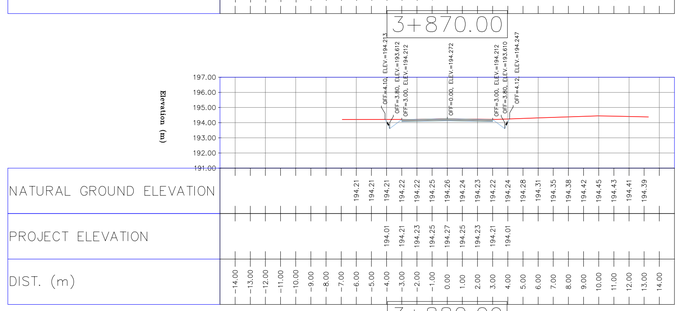

Elevation (m)
193.00
192.00
191.00
190.00
189.00
188.00
187.00
186.00
OFF=4.21, ELEV.=189.922
OFF=3.80, ELEV.=188.772
OFF=3.00, ELEV.=189.372
OFF=0.00, ELEV.=189.432
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OFF=3.80, ELEV.=188.771
OFF=4.47, ELEV.=190.109

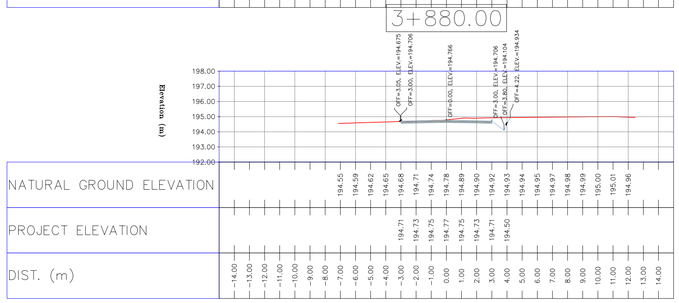
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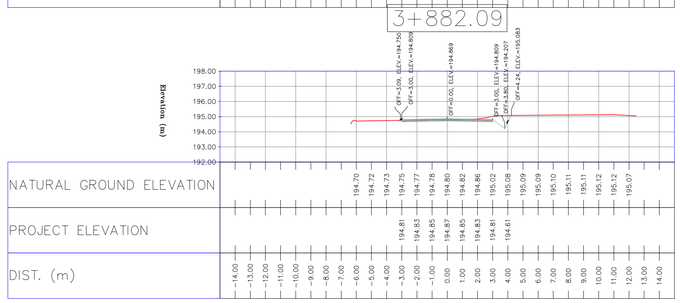


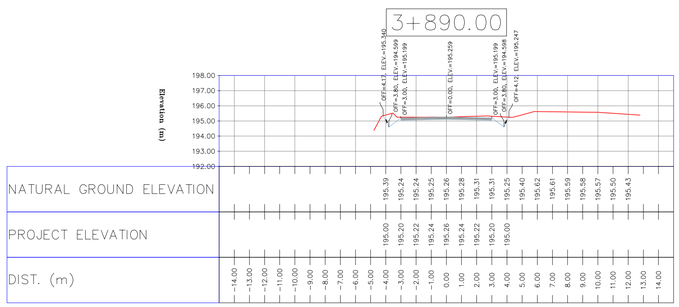


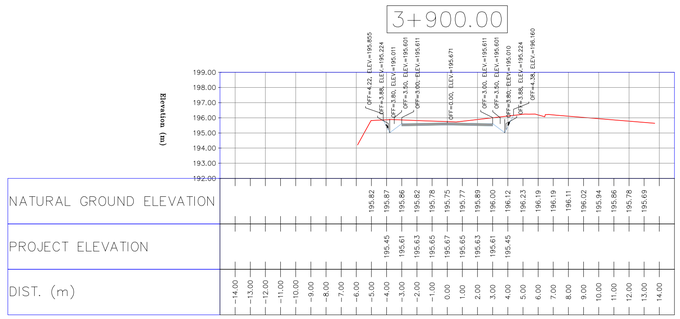


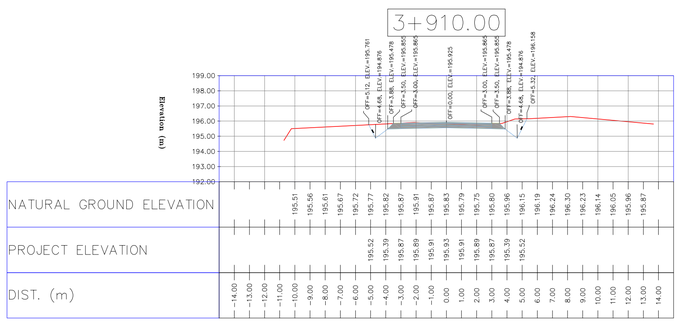


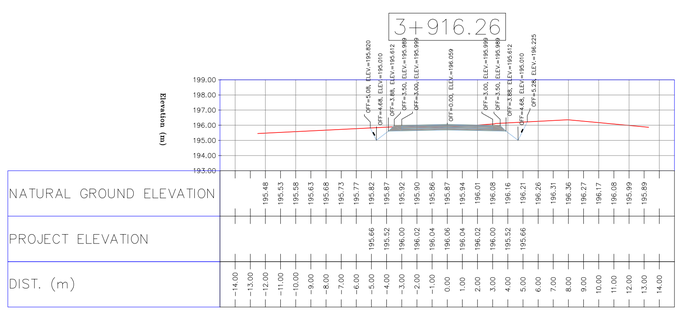












NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.

2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.

3- 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:	MSL

4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
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- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
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LEGEND

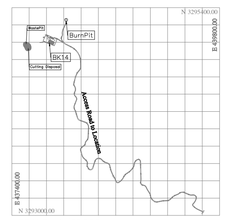
⊙	WELL LOCATION	→	CANAL
●	WELL	≈	RIVER
▭	SITE	◢	WATER COURSE
▭	CAMP SITE	60 / 50	CONTOURS
▬	ASPHALT ROAD	99.27	SPOT HEIGHT
▬	GRAVEL ROAD	△	BENCH MARK
▬	PROPOSED ROAD	⊏⊐	BRIDGE
∿	DAYLIGHT	⊏⊐	CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan–BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report – BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works – BK14	BK-BK14-PEDCO-110-CV-MT-0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	85 OF 99	D05

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

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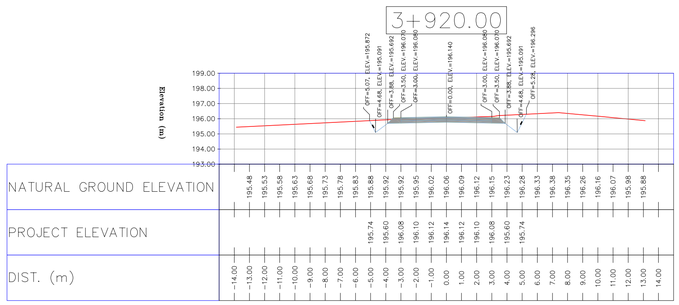
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

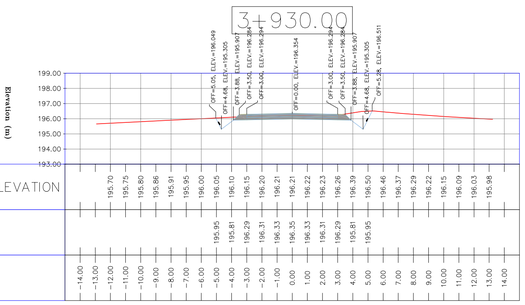
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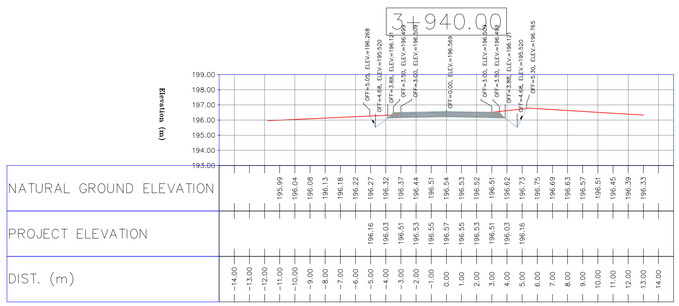
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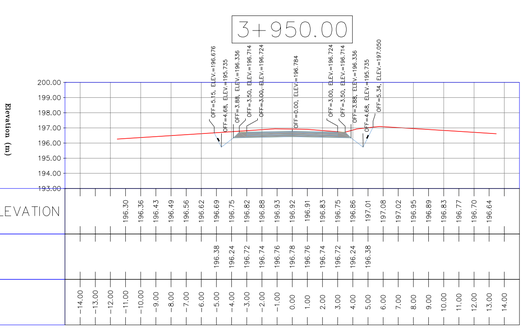
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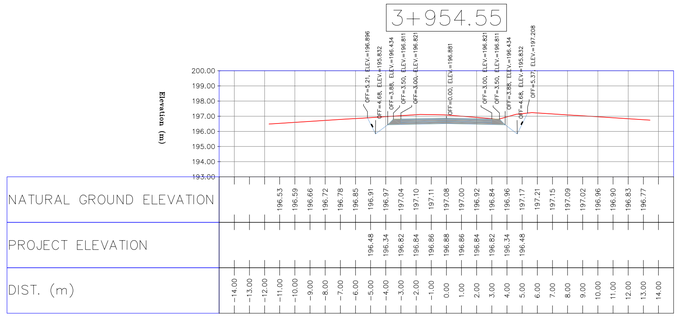
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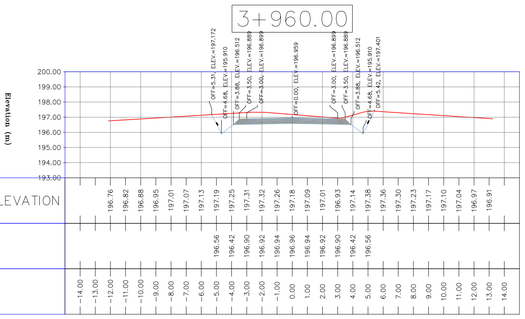


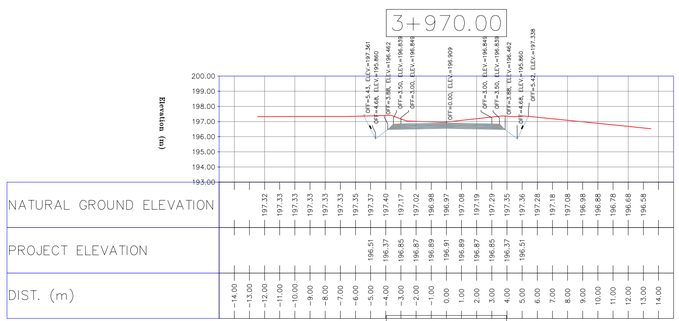


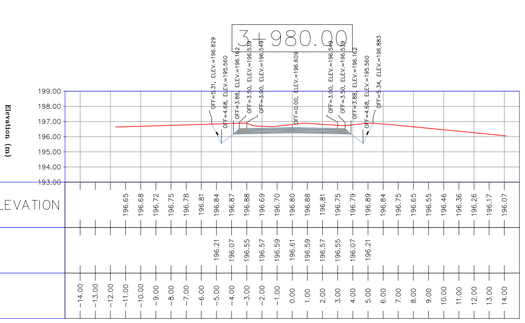


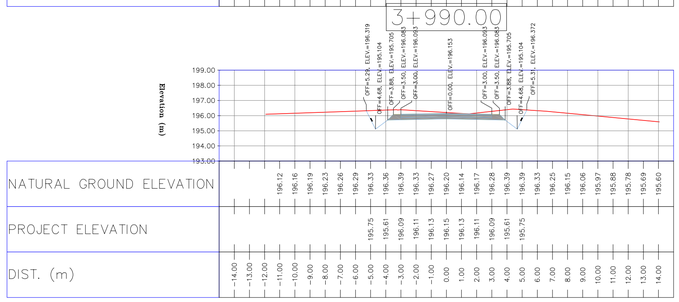












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HORIZONTAL COORDINATE SYSTEM:	WGS84/UTM ZONE 39
ELLIPSOID :	WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION:	UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM:	MSL

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LEGEND

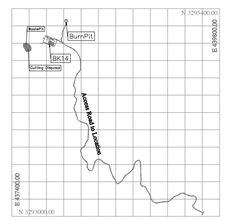
⊙	WELL LOCATION	→	CANAL
●	WELL		RIVER
▭	SITE		WATER COURSE
▭	CAMP SITE	60 / 50	CONTOURS
	ASPHALT ROAD	99.27	SPOT HEIGHT
	GRAVEL ROAD	△	BENCH MARK
	PROPOSED ROAD		BRIDGE
	DAYLIGHT		CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK–BK14–PEDCO–110–CV–PY–0001
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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB–SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14 ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK–BK14–PEDCO–110–CV–DW–0001	86 OF 99	D05

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

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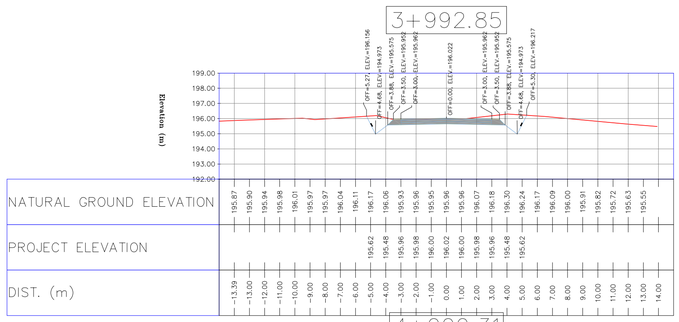
BINAK OILFIELD DEVELOPMENT
SUB–SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

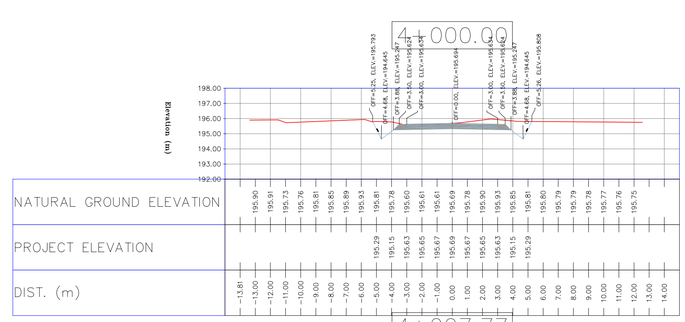
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

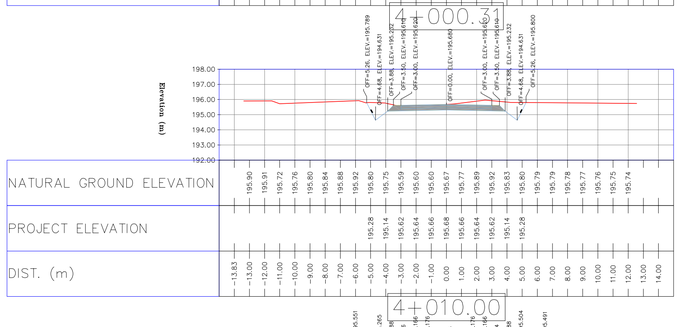
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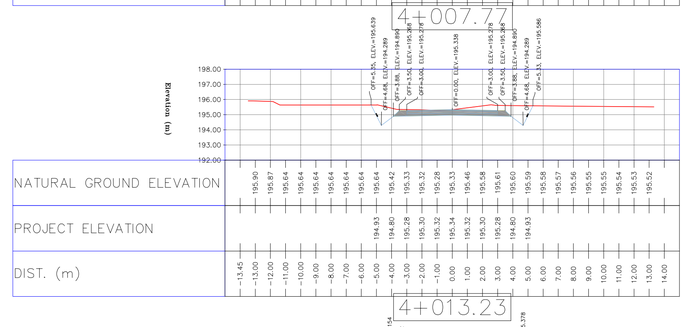
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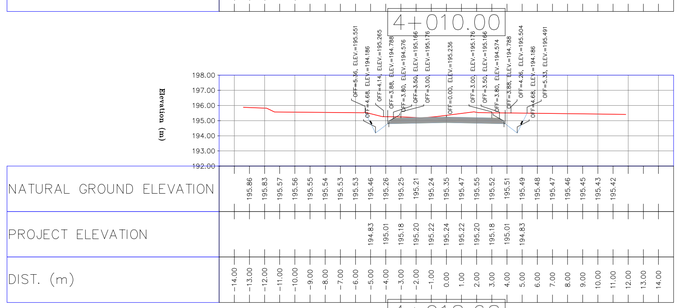
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053–073–9184	F	4	S	708209	86	D05

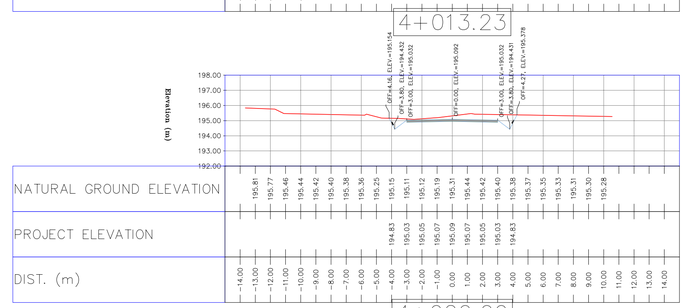


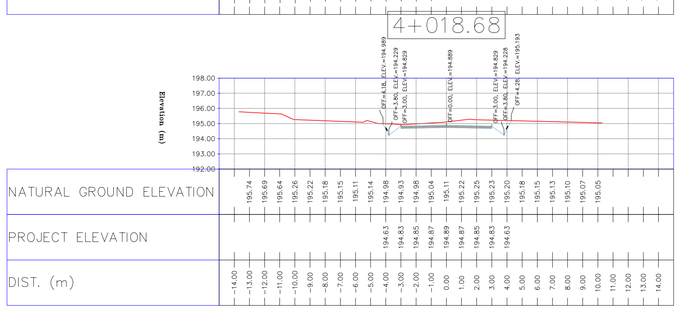


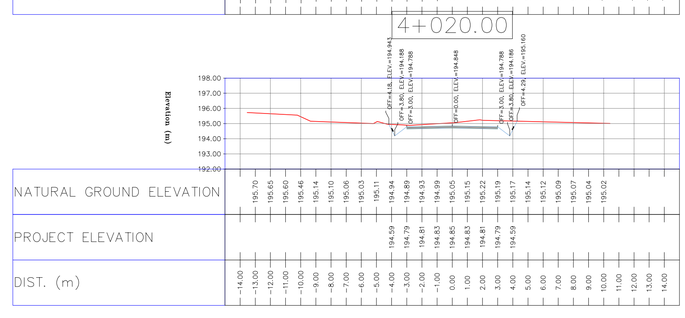


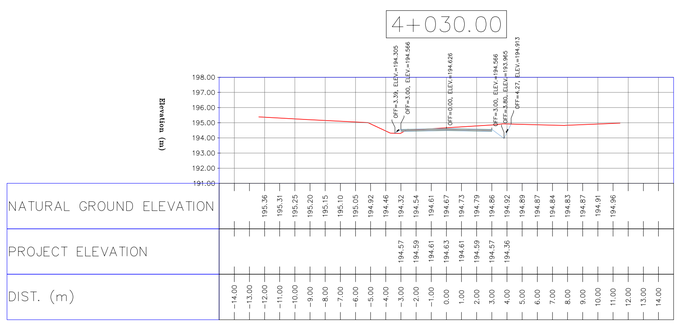


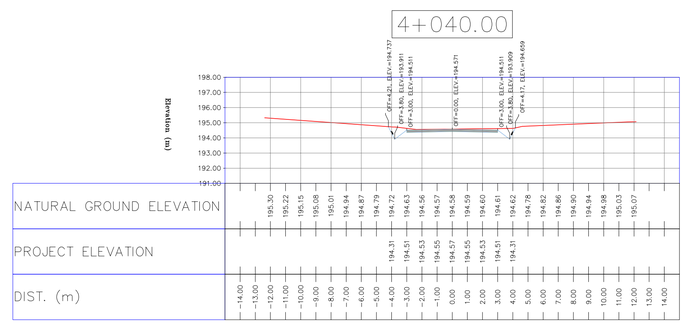












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LEGEND

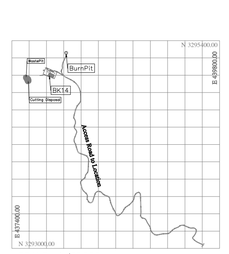
WELL LOCATION		CANAL	
WELL		RIVER	
SITE		WATER COURSE	
CAMP SITE	60 / 50	CONTOURS	
ASPHALT ROAD	99+27	SPOT HEIGHT	
GRAVEL ROAD		BENCH MARK	
PROPOSED ROAD		BRIDGE	
DAYLIGHT		CULVERT	

REFERENCE DRAWING	DRG. No.
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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
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D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB–SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14
ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK–BK14–PEDCO–110–CV–DW–0001	87 OF 99	D05

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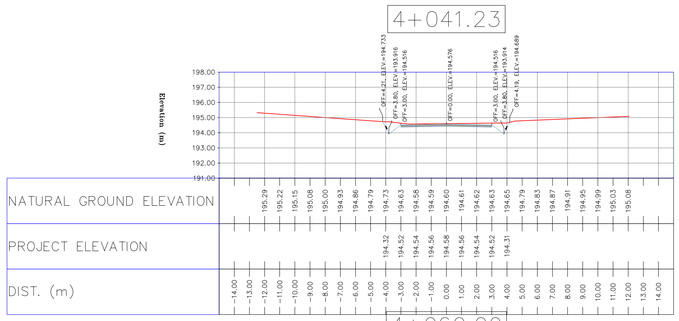
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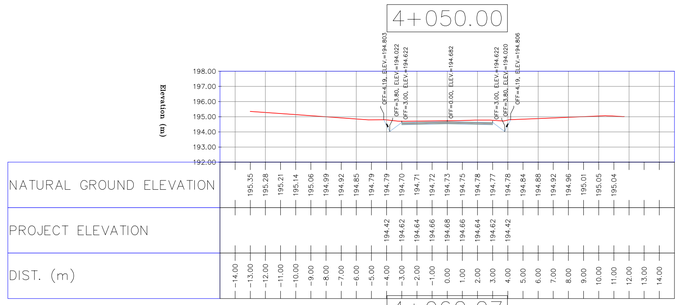
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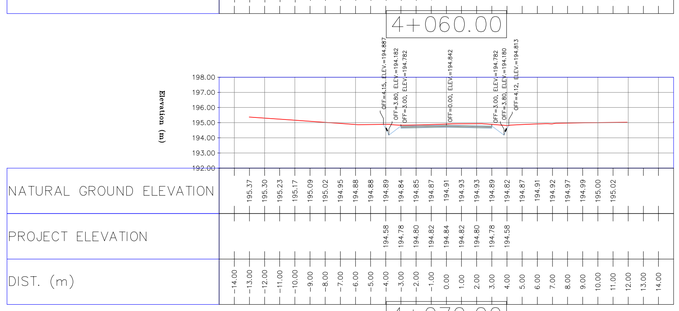
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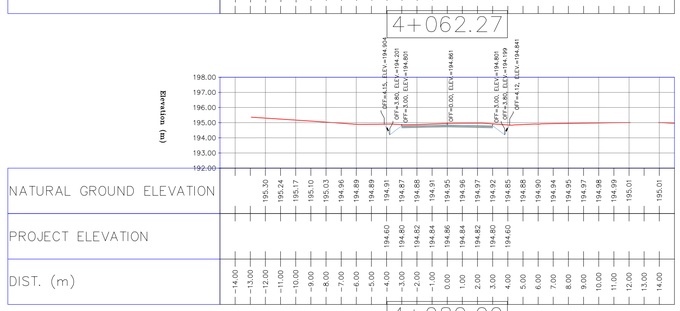
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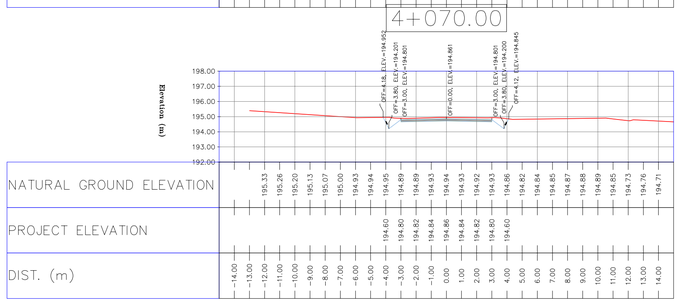
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053–073–9184	F	4	S	708209	87	D05

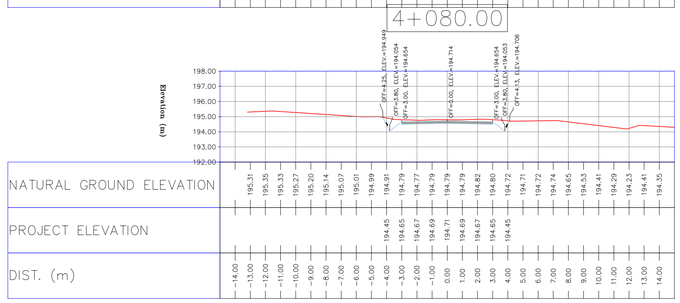


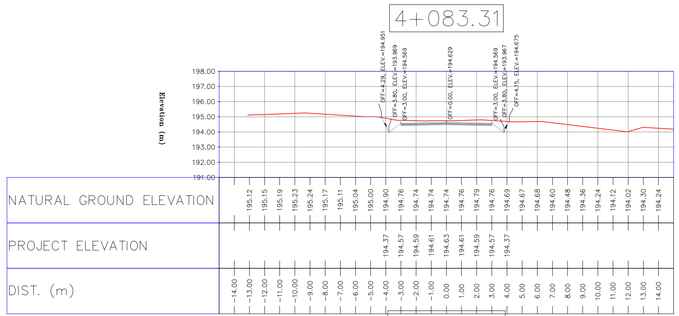


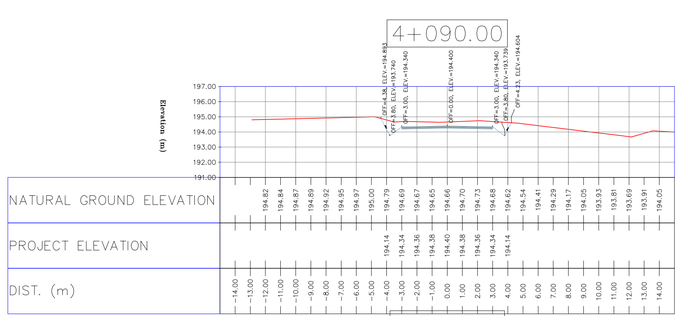


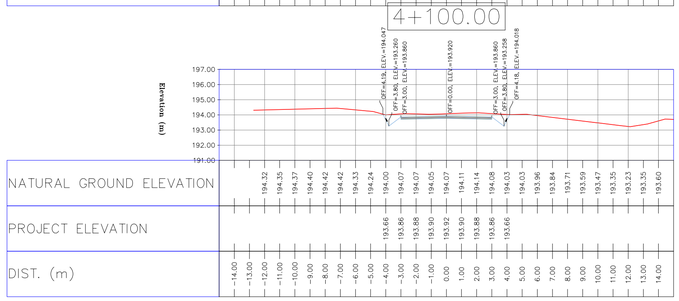


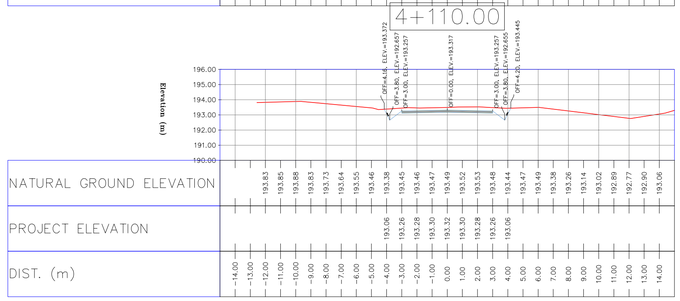












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LEGEND

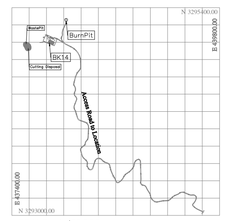
⊙	WELL LOCATION	→	CANAL
●	WELL		RIVER
	SITE		WATER COURSE
	CAMP SITE	60 / 50	CONTOURS
	ASPHALT ROAD	99.27	SPOT HEIGHT
	GRAVEL ROAD	△	BENCH MARK
	PROPOSED ROAD		BRIDGE
	DAYLIGHT		CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report - BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - BK14	BK-BK14-PEDCO-110-CV-MT-0001

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14
ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	88 OF 99	D05

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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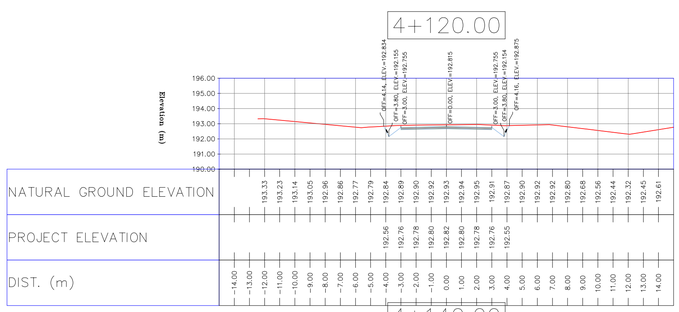
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

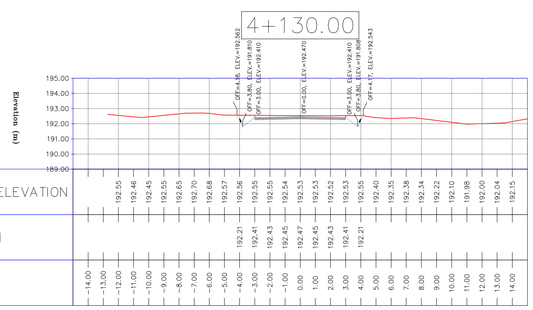
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

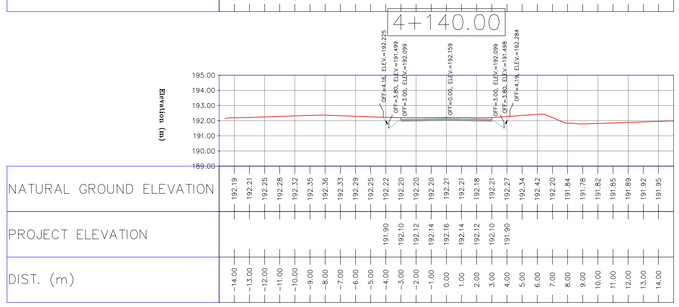
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	88	D05







NOTES

1-ALL COORDINATES AND ELEVATIONS ARE IN METER.

2-ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.

3-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:	MSL

4-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-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

5-BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

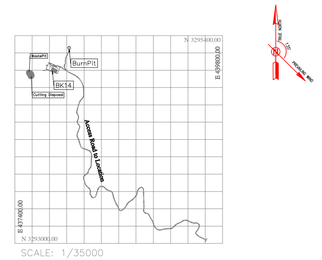
WELL LOCATION		CANAL	
WELL		RIVER	
SITE		WATER COURSE	
CAMP SITE	60 / 50	CONTOURS	
ASPHALT ROAD	99.27	SPOT HEIGHT	
GRAVEL ROAD		BENCH MARK	
PROPOSED ROAD		BRIDGE	
DAYLIGHT		CULVERT	

REFERENCE DRAWING	DRG. No.
General Civil Layout -BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report - BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - BK14	BK-BK14-PEDCO-110-CV-MT-0001

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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS

PROJECT NO.: 971020

EPC CONTRACTOR:
HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14
ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	89 OF 99	D05

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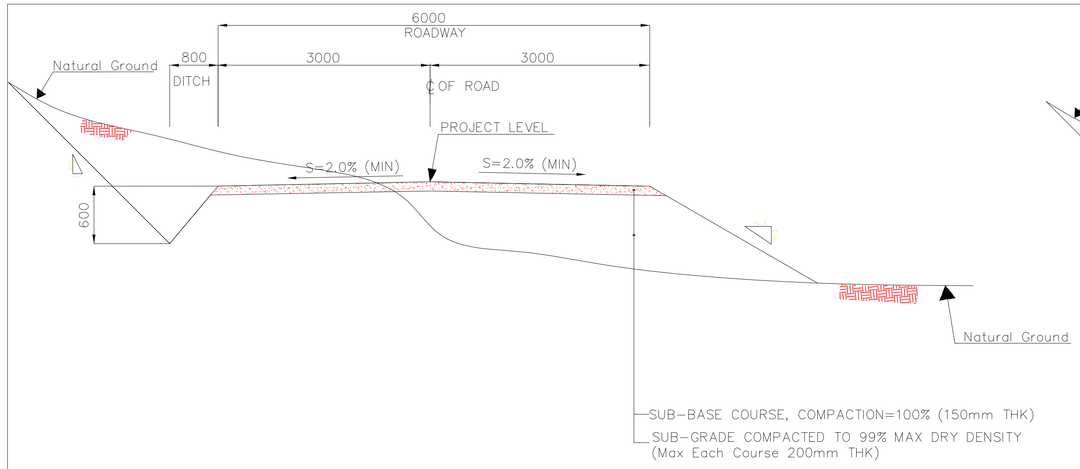
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

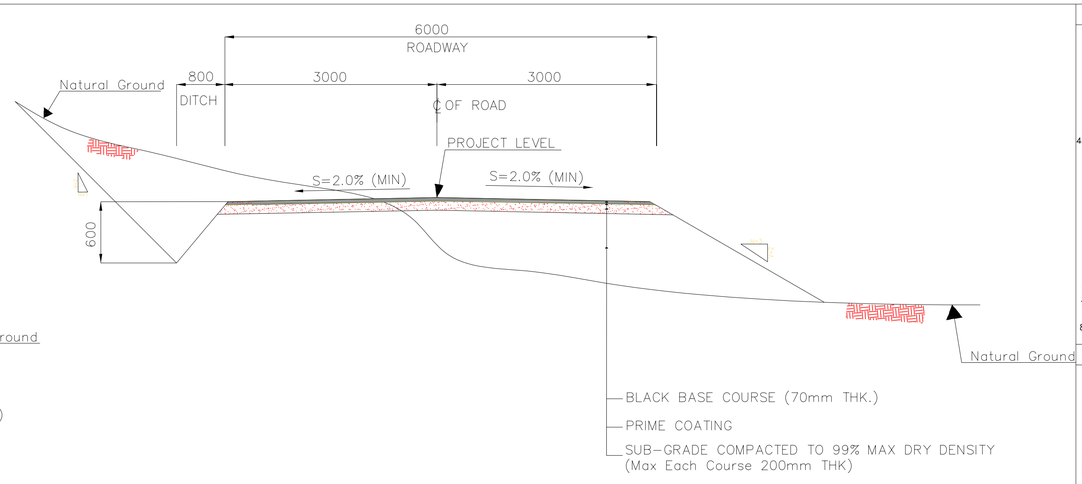
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	89	D05



N.T.S. 1 TYPICAL CROSS SECTIONS (Access Road)-Regular Area



N.T.S. 2 TYPICAL CROSS SECTIONS (Access Road)-Asphalt Area (Refer to Table1)

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.

NOTES

1-ALL COORDINATES AND ELEVATIONS ARE IN METER.
2-ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3-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: MSL
4-THE SUITABLE MATERIAL FOR FILLING AND ASPHALT 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, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5-BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.
6-CULVERT AND RETAINING WALL SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.
7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001
8-THE EXACT LOCATION OF NEW CULVERT AND RETAINING WALL SHALL BE ADJUSTED AT SITE.

LEGEND

⊙	WELL LOCATION	→	CANAL
●	WELL	≈	RIVER
▭	SITE	◁	WATER COURSE
▭	CAMP SITE	60 / 50	CONTOURS
▬	ASPHALT ROAD	99.27	SPOT HEIGHT
▬	GRAVEL ROAD	△	BENCH MARK
▬	PROPOSED ROAD	⊓	BRIDGE
∿	DAYLIGHT	⊓	CULVERT
▨	RETAINING WALL		

REFERENCE DRAWING	DRG. No.
General Civil Layout -BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report - BK14	BK-BK14-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002

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KEY PLAN



SCALE: 1/35000

REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
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REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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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 (PEDCO)

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14
ACCESS ROAD TRANSVERSAL SECTIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
N.T.S.	A1	BK-BK14-PEDCO-110-CV-DW-0001	90 OF 99	D05

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	90	D05

EARTH WORK MATERIAL TAKE OFF – ACCESS ROAD BK14

Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cumulative Fill Vol	Cumulative Cut Vol
0+000.00	6.38	0.00	0.00	0.00	0.00
0+009.35	0.00	1.96	29.82	8.62	29.82
0+010.00	0.00	2.36	0.00	1.32	29.82
0+018.71	0.00	2.84	0.00	21.68	29.82
0+020.00	0.00	2.53	0.00	3.46	29.82
0+030.00	0.00	2.94	0.00	27.33	29.82
0+040.00	0.00	2.63	0.00	27.86	29.82
0+050.00	0.00	2.51	0.00	25.71	29.82
0+060.00	0.00	2.23	0.00	23.69	29.82
0+070.00	0.00	1.50	0.00	18.64	29.82
0+080.00	0.00	1.42	0.00	14.57	29.82
0+090.00	0.00	1.80	0.00	16.09	29.82
0+100.00	0.00	1.55	0.00	16.79	29.82
0+110.00	0.00	2.41	0.00	19.80	29.82
0+120.00	0.00	2.90	0.00	26.55	29.82
0+130.00	0.00	2.13	0.00	25.15	29.82
0+136.02	0.00	2.13	0.00	12.81	29.82
0+140.00	0.00	2.07	0.00	8.33	29.82
0+141.66	0.00	1.81	0.00	3.22	29.82
0+147.30	0.00	1.46	0.00	9.22	29.82
0+150.00	0.00	1.56	0.00	4.07	29.82
0+160.00	0.00	1.19	0.00	13.77	29.82
0+170.00	0.00	1.34	0.00	12.65	29.82
0+180.00	0.00	2.07	0.00	17.02	29.82
0+190.00	0.00	2.05	0.00	20.61	29.82
0+200.00	1.46	0.00	7.28	10.27	37.10
0+202.97	0.74	0.38	3.26	0.57	40.36
0+210.00	0.37	1.20	3.93	5.50	44.29
0+220.00	0.00	1.40	1.86	12.85	46.15
0+230.00	0.18	0.82	0.93	10.95	47.08
0+240.00	1.89	0.00	10.37	4.04	57.45
0+250.00	1.76	0.00	18.27	0.00	75.72
0+260.00	0.01	0.97	8.87	4.77	84.59
0+270.00	0.00	2.59	13.03	17.69	97.62
0+280.00	0.00	0.87	0.00	17.25	84.63
0+290.00	0.00	0.60	0.00	7.26	84.63
0+300.00	0.00	1.77	0.00	11.74	84.63
0+310.00	0.00	1.84	0.00	17.96	84.63
0+311.08	0.00	1.85	0.00	1.99	84.63
0+320.00	0.00	1.88	0.00	16.55	84.63
0+330.00	0.00	1.55	0.00	17.12	84.63
0+340.00	0.00	1.90	0.00	17.27	84.63
0+350.00	0.00	1.56	0.00	17.32	84.63
0+360.00	0.00	2.04	0.00	17.99	84.63
0+370.00	0.00	2.63	0.00	23.29	84.63
0+380.00	0.00	2.85	0.00	27.23	84.63
0+390.00	0.00	3.19	0.00	30.02	84.63
0+400.00	0.00	3.14	0.00	31.56	84.63
0+410.00	0.00	2.05	0.00	25.94	84.63
0+419.19	0.00	1.06	0.00	14.31	84.63
0+420.00	0.00	0.57	0.00	0.66	84.63
0+430.00	0.00	0.74	0.00	6.56	84.63
0+440.00	0.00	2.19	0.00	14.64	84.63
0+450.00	0.00	0.99	0.00	15.91	84.63
0+460.00	0.02	1.61	0.10	13.03	84.72
0+470.00	0.06	2.55	0.38	20.82	85.10
0+474.96	0.00	2.96	0.14	13.66	85.24
0+480.00	0.00	3.85	0.00	17.83	85.24
0+490.00	0.00	5.28	0.00	46.79	85.24
0+497.94	0.00	5.13	0.00	42.00	85.24
0+500.00	0.52	5.18	0.20	10.74	85.24
0+510.00	0.00	4.22	0.00	47.52	85.24
0+520.00	0.00	4.33	0.00	42.85	85.24
0+520.93	0.00	4.34	0.00	4.03	85.24
0+530.00	0.00	4.20	0.00	38.72	85.24
0+540.00	0.00	3.93	0.00	40.66	85.24
0+550.00	0.00	3.50	0.00	37.17	85.24
0+550.31	0.15	2.30	0.02	0.89	85.26
0+560.00	0.11	2.53	1.18	24.08	86.45
0+561.98	0.19	2.25	0.28	4.89	86.73
0+570.00	0.00	2.89	0.74	20.99	87.47
0+573.66	0.00	2.90	0.00	10.68	87.47
0+580.00	0.00	2.74	0.00	17.87	87.47
0+590.00	0.00	2.38	0.00	25.59	87.47
0+596.35	0.00	2.11	0.00	14.24	87.47
0+600.00	0.02	1.95	0.03	7.48	87.50
0+604.44	0.04	1.71	0.13	8.21	87.63
0+610.00	0.00	2.13	0.11	10.79	87.74
0+612.53	0.00	2.57	0.00	6.03	87.74
0+620.00	0.00	2.40	0.00	18.58	87.75
0+630.00	0.00	1.98	0.00	21.93	87.75
0+640.00	0.00	2.13	0.00	20.55	87.75
0+650.00	0.00	2.27	0.00	21.99	87.75
0+660.00	0.00	2.42	0.00	23.44	87.75
0+670.00	0.00	3.15	0.00	27.81	87.75
0+680.00	0.00	2.71	0.00	29.26	87.75
0+690.00	0.00	2.37	0.00	25.41	87.75
0+694.98	0.00	2.77	0.00	12.82	87.75
0+700.00	0.01	2.45	0.02	14.27	87.77
0+705.34	1.05	1.36	2.64	11.40	90.41
0+710.00	0.00	3.14	2.28	11.28	92.69
0+715.70	0.00	2.26	0.00	16.01	92.69
0+720.00	0.00	1.86	0.00	8.86	92.69
0+720.38	0.00	1.84	0.00	0.70	92.69
0+730.00	0.00	2.00	0.00	18.31	92.69
0+740.00	0.00	2.54	0.00	22.51	92.69
0+750.00	0.00	2.17	0.00	23.29	92.69
0+753.97	0.00	2.38	0.00	8.93	92.69
0+760.00	0.00	2.91	0.00	15.84	92.69
0+770.00	0.00	3.69	0.00	32.91	92.69

Total Volume Table

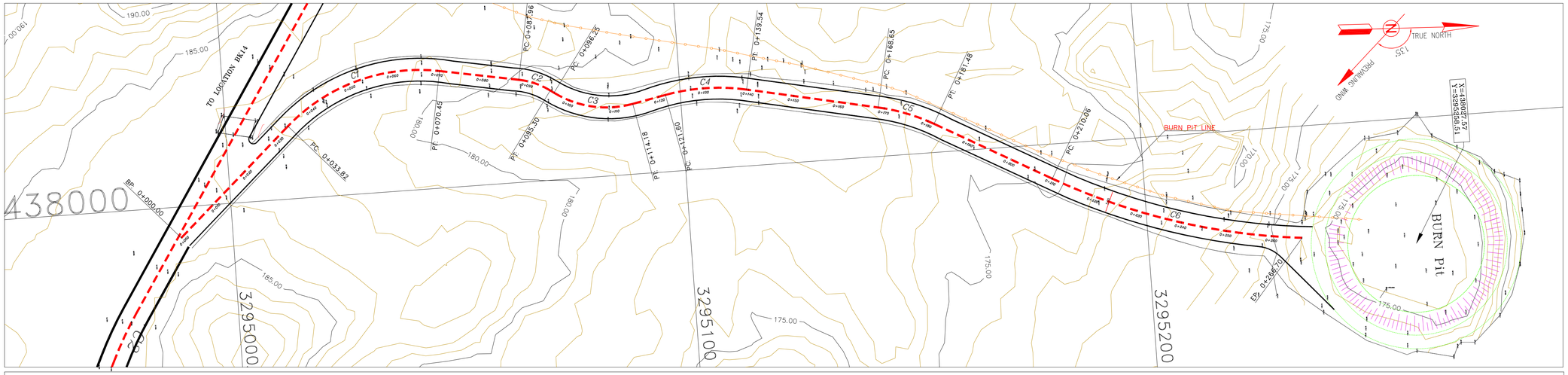
Station	Fill Area	Cut Area	Fill Volume	Cumulative Fill Vol	Cumulative Cut Vol
0+780.00	0.00	3.41	0.00	35.49	92.69
0+787.55	0.00	2.56	0.00	21.97	92.69
0+790.00	0.00	2.27	0.00	5.91	92.69
0+800.00	0.00	0.78	0.00	15.24	92.69
0+801.72	0.01	0.67	0.01	1.25	92.70
0+810.00	0.00	2.28	0.05	13.01	92.75
0+820.00	1.68	0.91	7.97	16.95	100.72
0+825.97	4.69	0.45	18.10	4.38	118.82
0+830.00	6.42	0.00	21.54	0.99	140.36
0+840.00	7.53	0.00	68.35	0.00	208.71
0+850.00	4.03	0.00	57.00	0.00	265.71
0+850.22	3.95	0.00	0.90	0.00	266.61
0+852.64	2.82	0.00	8.18	0.00	274.79
0+860.00	0.52	0.00	12.40	0.00	287.19
0+870.00	0.00	1.55	2.57	8.03	289.76
0+876.89	0.01	2.10	0.02	13.20	289.78
0+880.00	0.00	2.66	0.01	7.72	289.79
0+890.00	0.00	3.25	0.00	30.27	289.79
0+900.00	0.00	3.52	0.00	34.34	289.79
0+901.14	0.00	3.47	0.00	4.01	289.79
0+910.00	0.00	2.55	0.00	26.66	289.79
0+920.00	0.06	0.54	0.28	15.45	290.06
0+930.00	3.48	0.00	17.66	2.69	307.72
0+940.00	5.73	0.00	46.04	0.00	353.76
0+950.00	3.88	0.00	48.06	0.00	401.82
0+960.00	1.12	0.45	24.98	2.26	426.79
0+967.68	0.00	3.09	4.29	13.59	431.08
0+970.00	0.00	5.88	0.00	10.69	431.08
0+980.00	0.00	10.68	0.00	114.48	431.08
0+990.00	0.00	17.95	0.00	172.59	431.08
0+991.74	0.00	18.29	0.00	31.11	431.08
1+000.00	0.00	14.34	0.00	132.34	431.08
1+010.00	0.00	11.12	0.00	125.14	431.08
1+015.81	0.00	11.34	0.00	64.40	431.08
1+020.00	0.00	12.09	0.00	49.28	431.08
1+030.00	0.00	12.23	0.00	122.07	431.08
1+030.86	0.00	12.18	0.00	10.52	431.08
1+040.00	0.00	9.28	0.00	98.49	431.08
1+045.91	0.00	6.36	0.00	46.42	431.08
1+050.00	0.00	5.97	0.00	25.34	431.08
1+060.00	0.00	5.63	0.00	57.98	431.08
1+070.00	0.03	4.09	0.15	48.59	431.23
1+080.00	0.25	0.52	1.39	23.08	432.62
1+082.03	0.14	0.56	0.39	1.10	433.01
1+090.00	0.00	1.04	0.54	6.37	433.55
1+100.00	0.00	1.43	0.00	12.35	433.55
1+110.00	0.00	2.38	0.00	19.07	433.55
1+118.15	0.00	3.50	0.00	23.95	433.55
1+120.00	0.00	3.90	0.00	6.85	433.55
1+130.00	0.00	6.72	0.00	53.12	433.55
1+137.09	0.00	6.11	0.00	45.66	433.55
1+140.00	0.00	6.02	0.00	17.90	433.55
1+150.00	0.00	4.47	0.00	53.44	433.55
1+156.02	0.00	2.46	0.00	21.21	433.55
1+160.00	0.00	2.27	0.00	9.41	433.55
1+170.00	1.07	0.36	5.37	13.13	438.92
1+180.00	0.00	1.70	5.36	10.29	444.28
1+190.00	0.00	3.46	0.00	25.83	444.28
1+200.00	0.00	3.66	0.00	35.60	444.28
1+210.00	0.00	3.00	0.00	33.28	444.28
1+220.00	0.06	0.62	2.38	18.09	444.56
1+221.12	0.12	0.53	0.10	0.64	444.66
1+230.00	1.48	0.00	6.85	2.47	451.51
1+240.00	2.85	0.90	20.92	4.66	472.43
1+250.00	0.06	0.72	14.05	8.32	486.48
1+260.00	0.00	2.18	0.26	14.64	486.74
1+260.10	0.00	2.19	0.00	0.21	486.74
1+270.00	0.00	3.63	0.00	29.07	486.74
1+280.00	0.00	5.19	0.00	44.61	486.74
1+290.00	0.00	5.36	0.00	53.52	486.74
1+299.07	0.00	4.72	0.00	46.20	486.74
1+300.00	0.00	4.75	0.00	4.40	486.74
1+310.00	0.03	5.56	0.15	51.59	486.89
1+320.00	0.00	2.36	0.15	39.61	487.04
1+330.00	0.00	3.24	0.00	28.00	487.05
1+340.00	0.00	3.41	0.00	33.26	487.05
1+350.00	0.00	4.40	0.00	39.03	487.05
1+360.00	0.00	4.86	0.00	46.28	487.05
1+370.00	0.04	6.77	0.18	58.13	487.23
1+380.00	0.00	6.52	0.18	66.42	487.41
1+390.00	0.00	6.54	0.00	65.28	487.41
1+400.00	0.00	6.72	0.00	66.28	487.41
1+410.00	0.00	6.98	0.00	68.46	487.41
1+411.33	0.00	7.02	0.00	9.28	487.41
1+420.00	0.00	6.09	0.00	57.28	487.41
1+430.00	0.00	4.02	0.00	50.68	487.41
1+434.95	0.10	2.89	0.23	17.18	487.64
1+440.00	0.00	3.66	0.23	16.75	487.87
1+450.00	0.00	2.26	0.00	30.01	487.87
1+458.57	0.02	1.06	0.09	14.63	487.97
1+460.00	0.00	0.95	0.02	1.35	487.98
1+470.00	0.00	0.83	0.00	8.32	487.98
1+475.37	0.00	3.21	0.00	10.49	487.98
1+480.00	0.00	2.69	0.00	13.37	487.98
1+490.00	0.00	2.78	0.00	26.75	487.98
1+492.16	0.00	3.10	0.00	6.22	487.98
1+500.00	0.00	3.89	0.00	28.09	487.98
1+506.04	0.00	6.58	0.00	32.12	487.98
1+510.00	0.01	7.68	0.01	28.67	487.99
1+519.91	0.00	3.54	0.02	56.64	488.02

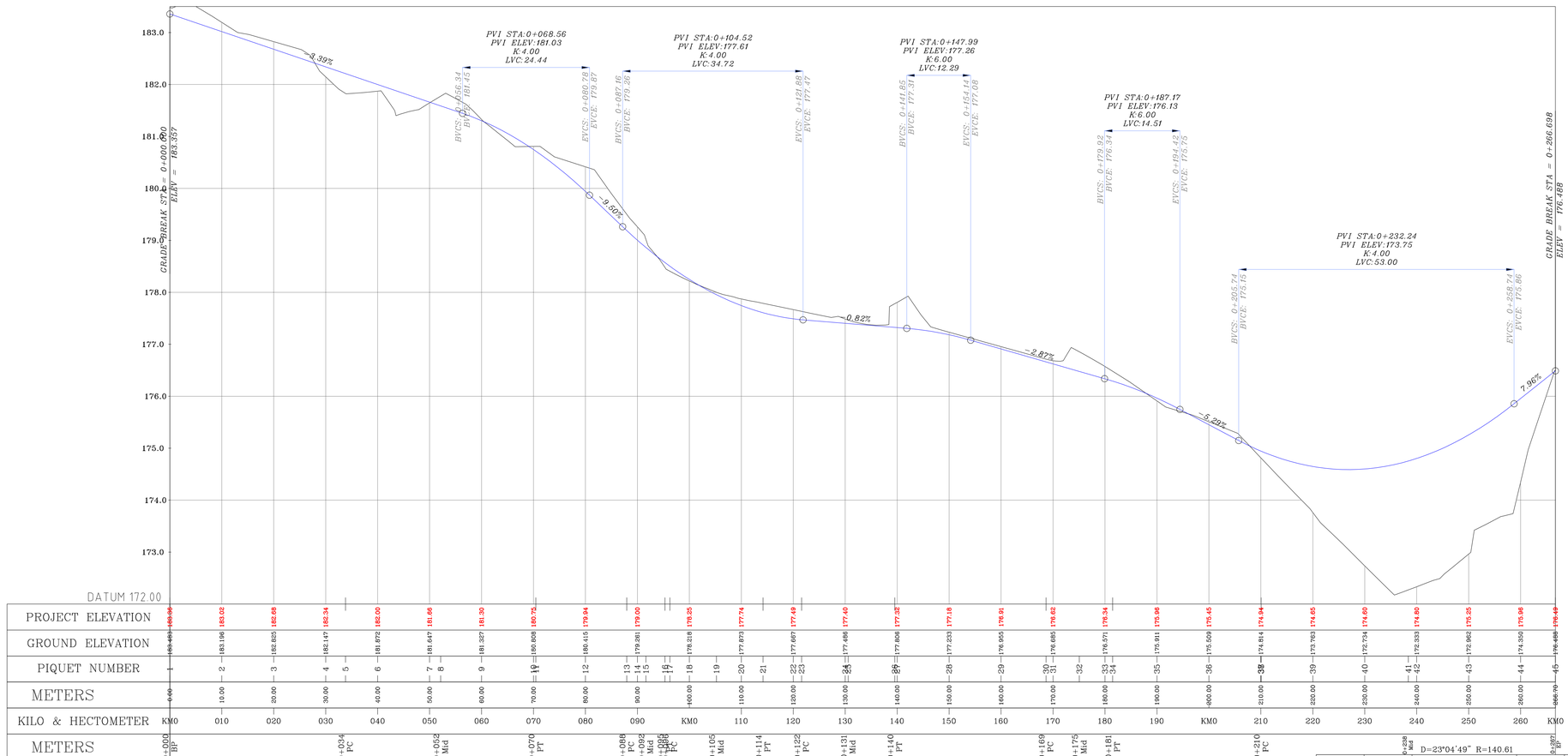
Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cumulative Fill Vol	Cumulative Cut Vol
1+520.00	0.00	3.53	0.00	0.30	488.02
1+530.00	0.00	3.15	0.00	33.39	488.02
1+540.00	0.00	2.22	0.00	26.85	488.02
1+550.00	0.05	0.00	0.23	11.12	488.24
1+560.00	1.64	0.00	8.43	0.00	496.67
1+561.64	0.91	0.00	2.09	0.00	498.77
1+570.00	0.00	1.71	3.90	7.71	502.67
1+578.85	0.00	2.40	0.01	19.66	502.68
1+580.00	0.00	2.51	0.00	3.04	502.68
1+590.00	0.00	4.98	0.00	38.86	502.68
1+596.07	0.00	3.94	0.00	27.53	502.68
1+600.00	0.00	3.30	0.00	14.25	502.68
1+610.00	0.00	2.15	0.00	27.28	502.68
1+620.00	0.00	1.85	0.00	20.02	502.68
1+630.00	0.00	2.80	0.00	23.26	502.68
1+640.00	0.00	3.63	0.00	32.15	502.68
1+650.00	0.00	4.22	0.00	39.23	502.68
1+660.00	0.00	1.95	0.00	30.81	502.68
1+664.85	0.10	1.01	0.25	7.17	502.93
1+670.00	0.18	1.27	0.75	5.63	503.67
1+677.55	0.03	1.67	0.82	10.93	504.49
1+680.00	0.00	1.78	0.04	4.19	504.53
1+690.00	0.98	0.00	4.81	8.83	509.34
1+690.25	1.17	0.00	0.27	0.00	509.61
1+700.00	1.72	0.00	14.06	0.00	523.67
1+710.00	1.46	0.00	15.90	0.00	539.57
1+720.00	0.00	1.19	7.31	5.93	546.88
1+730.00	0.00	5.86	0.00	35.24	546.88
1+734.38	0.00	5.61	0.00	25.12	546.88
1+740.00	0.00	2.14	0.00	21.53	546.88
1+750.00	0.00	1.75	0.00	19.37	546.88
1+757.88	0.00	2.55	0.00	17.05	546.88
1+760.00	0.00	2.76	0.00	5.63	546.88
1+770.00	0.00	4.26	0.00	34.92	546.88
1+780.00	0.00	3.47	0.00	38.29	546.88
1+781.38	0.00	3.46	0.00	4.70	546.88
1+790.00	0.00	3.55	0.00	30.82	546.88
1+795.01	0.00	3.36	0.00	17.67	546.88
1+800.00	0.00	2.27	0.00	14.37	546.88
1+808.65	0.00	3.49	0.00	25.36	546.88
1+810.00	0.00	3.65	0.00	4.82	546.88
1+820.00	0.00	1.46	0.01	25.54	546.89
1+830.00	0.11	1.92	0.56	16.90	547.45
1+835.02	0.00	3.39	0.29	13.32	547.74
1+840.00	0.00	5.04	0.01	21.37	547.75
1+850.00	0.00	1.63	0.00	33.22	547.75
1+860.00	0.08	0.65	0.42	11.03	548.17
1+865.99	0.01	0.72	0.28	4.06	548.45
1+870.00	0.00	0.87	0.02	3.51	548.46
1+880.00	0.00	2.56	0.00	17.85	548.46
1+890.00	0.00	2.27	0.00	24.17	548.46
1+896.96	0.00	1.99	0.00	14.48	548.46
1+900.00	0.00	1.91	0.00	5.93	548.46
1+910.00	0.00	2.16	0.00	20.34	548.46
1+920.00	0.00	2.83	0.00	24.92	548.46
1+930.00	0.00	3.00	0.00	32.48	548.46
1+940.00	0.00	4.60	0.00	41.35	548.46
1+950.00	0.00	4.99	0.00	47.97	548.46
1+960.00	0.00	5.00	0.00	49.99	548.46
1+970.00	0.00	2.52	0.00	37.62	548.46
1+980.00	0.00	2.83	0.10	16.76	548.56
1+983.89	0.00	1.06	0.04	3.69	548.60
1+990.00	0.17	1.52	0.48	8.18	549.08
2+000.00	0.03	2.07	0.93	18.82	550.01
2+010.00	0.00	2.32	0.15	22.59	550.15
2+020.00	0.00	3.33	0.00	28.52	550.15
2+030.00	0.00	2.61	0.00	29.90	550.15
2+032.72	0.27	0.83	0.36	4.79	550.51
2+040.00	2.35	0.00	9.23	3.26	559.74
2+050.00	0.02	1.00	11.46	5.24	571.19
2+060.00	0.66	0.00	3.45	5.24	574.65
2+070.00	0.00	4.35	3.37	21.62	578.02
2+080.00	0.00	4.45	0.00	43.88	578.02
2+081.55	0.00	4.22	0.00	6.71	578.02
2+090.00	0.00	3.44	0.00	32.47	578.02
2+100.00	0.00	2.70	0.00	30.89	578.02
2+110.00	0.00	1.69	0.00	22.09	578.02
2+118.45	0.00	2.71	0.00	18.68	578.02
2+120.00	0.00	2.73	0.00	4.22	578.02
2+130.00	0.16	0.25	0.80	14.99	578.82
2+140.00	0.13	1.05	1.46	6.39	580.28
2+150.00	0.00	1.47	0.66	12.63	580.94
2+155.35	0.00	4.61	0.01	16.41	580.95
2+160.00	0.00	5.89	0.01	24.29	580.96
2+170.00	0.00	9.14	0.00	75.72	580.96
2+179.32	0.00	8.10	0.00	81.07	580.96
2+180.00	0.00	8.10	0.00	5.54	580.96
2+190.00	0.00	7.53	0.00	78.86	580.96
2+200.00	0.00	4.71	0.00	61.04	580.96
2+203.28	0.00	4.23	0.00	14.34	580.96
2+210.00	0.00	4.28	0.00	28.67	580.96
2+220.00	0.00	2.46	0.00	33.83	580.96
2+230.00	0.00	1.87	0.00	21.73	580.96
2+240.00	0.03	2.26	0.13	20.70	581.08
2+250.00	0.00	3.43	0.13	28.52	581.21
2+260.00	0.00	3.32	0.00	33.79	581.21
2+270.00	0.00	2.65	0.00	29.86	581.21
2+274.52	0.00	2.23	0.00	11.06	581.21
2+280.00	0.00	1.21	0.00	9.44	581.21
2+290.00	0.04	0.82	0.20	10.20	581.41

Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cumulative Fill Vol	Cumulative Cut Vol
2+300.00	0.00	1.18	0.20	10.02	581.61
2+310.00	0.00	1.67	0.00	14.24	581.61
2+320.00	0.00	3.46	0.00	25.65	581.61
2+330.00	0.00	3.40	0.00	34.32	581.61
2+340.00	0.00	3.17	0.00	32.87	581.61
2+345.77	0.00	3.26	0.00	18.52	581.61
2+350.00	0.00	1.29	0.00	9.61	581.61
2+360.00	0.21	0.00	1.07	6.45	582.67
2+370.00	0.51	0.00	3.63	0.00	586.30
2+372.25	0.40	0.00	1.03	0.00	587.34
2+380.00	0.11	0.60	2.00	2.27	589.34
2+390.00	0.00	3.16	0.57	18.68	589.91
2+398.74	0.00	6.57	0.00	42.36	589.91
2+400.00	0.00	7.21	0.00	9.01	589.91
2+410.00	0.00	7.99	0.00	78.57	589.91
2+417.99	0.00	8.11	0.00	66.19	589.91
2+420.00	0.00	8.16	0.00	16.75	589.91
2+430.00	0.00	1.95	0.00	50.81	592.68
2+437.25	0.00	4.27	0.00	37.98	589.91
2+440.00	0.00	3.55	0.00	10.76	589.91
2+450.00	0.00	2.51	0.00	30.39	589.91
2+460.00	0.00	2.66	0.00	25.92	589.91
2+470.00	0.00	3.05	0.00	28.53	589.91
2+480.00	0.04	1.65	0.17	23.58	590.08
2+481.19	0.10	1.72	0.08	2.00	590.16
2+490.00	0.00	0.86	0.44	11.53	590.60
2+500.00	0.36	0.86	1.78	8.74	592.38
2+510.00	0.28	0.00	3.15	4.38	595.53
2+520.00	0.00	0.63	1.38	3.23	596.91
2+525.12	0.00	0.99	0.00	4.19	596.91
2+530.00	0.25	2.42	0.59	8.36	597.50
2+540.00	0.00	2.45	1.21	24.62	598.71
2+550.00	0.00	2.15	0.00	23.25	598.71
2+555.52	0.00	2.63	0.00	13.45	598.71
2+560.00	0.00	2.69	0.00	11.85	598.71
2+570.00	0.00	1.88	0.00	23.05	598.71
2+580.00	0.00	1.44	0.00	16.73	598.71
2+586.04	0.00	1.57	0.00	9.13	598.71
2+590.00	0.00	1.69	0.00	6.45	598.71
2+600.00	0.00	1.83	0.00	17.56	598.71
2+610.00	0.00	2.37	0.00	20.95	598.71
2+614.76	0.00	3.46	0.00	13.83	598.71
2+620.00	0.00	2.76	0.00	16.29	598.71
2+630.00	0.00	2.48	0.00	26.14	598.71
2+640.00	0.00	2.60	0.00	25.35	598.71
2+643.47	0.00	2.56	0.00	8.93	598.71
2+650.00	0.00	2.99	0.00	18.13	598.71
2+660.00	0.00	4.11	0.00	35.50	598.71
2+670.00	0.00	4.40	0.00	42.54	598.71
2+680.00	0.00	1.84	0.00	31.21	598.71
2+688.22	0.10	0.43	0.41	9.34	599.11
2+690.00	0.01	0.49	0.10	0.85	599.21
2+693.96	0.00	2.04	0.02	5.22	599.24
2+699.70	0.00	2.04	0.00	12.14	599.24
2+700.00	0.00	2.00	0.00	0.62	599.24
2+710.00	0.00	1.66	0.00	13.31	599.24
2+720.00	0.12	0.43	0.58	5.45	599.82
2+727.45	0.05	0.00	0.60	1.60	600.43
2+730.00	0.05	0.00	0.12	0.00	600.55
2+740.00	0.00	2.48	0.25	12.53	600.80
2+745.14	0.00	3.09	0.00	14.39	600.80
2+750.00	0.00	3.18	0.00	15.49	600.80
2+760.00	0.14	1.67	0.69	25.05	601.49
2+762.82	0.00	5.16	0.19	9.73	601.68
2+770.00	0.00	5.45	0.00	38.06	601.68
2+780.00	0.00	5.81	0.00	56.30	601.68
2+780.55	0.00	6.15	0.00	3.28	601.68
2+790.00	0.00	4.96	0.00	51.70	601.68
2+800.00	0.00	3.96	0.00	44.65	601.68
2+808.07	0.07	3.67	0.26	30.81	601.94
2+810.00	0.02	0.84	0.08	4.43	602.03
2+820.00	0.23	0.53	1.36	7.08	603.39
2+830.00	0.02	0.71	1.36	5.09	604.75
2+835.60	0.22	0.55	0.76	2.88	605.50
2+840.00	0.25	0.49	1.04	2.28	606.54
2+850.00	0.03	0.66	1.37	5.74	607.91
2+860.00	0.00	1.03	0.13	8.43	608.04
2+870.00	0.00	5.80	0.00	34.15	608.04
2+880.00	0.00	2.71	0.00	42.56	608.04
2+890.00	0.00	2.59	0.00	26.49	608.04
2+900.00	0.00	2.61	0.00	25.98	608.04
2+910.00	0.00	4.46	0.00	35.34	608.04
2+920.00	0.00	4.44	0.00	44.52	608.04
2+930.00	0.00	3.36	0.00	39.01	608.04
2+940.00	0.00	2.78	0.00	30.69	608.04
2+950.00	0.00	2.68	0.00	27.27	608.04
2+960.00	0.00	3.21	0.00	29.44	608.04
2+970.00	0.00	5.52	0.00	43.63	608.04
2+980.00	0.00	9.59	0.00	75.51	608.04
2+990.00	0.00	3.79	0.00	66.86	608.04
3+000.00	0.00	6.19	0.00	49.90	608.04
3+010.00	0.00	7.66	0.00	69.28	608.04
3+020





Curve Table: Alignments

Curve #	Radius	Length	Chord Direction	Start Point	End Point
C1	39.89	36.63	N15° 52' 54.99"W	(437984.06,3295013.70)	(437974.39,3295047.71)
C2	16.79	7.35	N22° 57' 21.19"E	(437977.55,3295064.92)	(437980.40,3295071.63)
C3	22.00	17.92	N12° 08' 48.53"E	(437980.95,3295072.41)	(437984.62,3295089.45)
C4	44.57	17.94	N0° 20' 22.78"E	(437983.18,3295096.73)	(437983.28,3295114.55)
C5	42.93	12.83	N20° 25' 56.95"E	(437989.27,3295143.04)	(437993.73,3295155.01)
C6	140.61	56.64	N17° 27' 10.51"E	(438007.59,3295180.01)	(438024.46,3295233.68)

Station	Northing	Easting
0+000.00	3294988.64	438006.78
0+010.00	3294996.05	438000.06
0+020.00	3295003.46	437993.34
0+030.00	3295010.87	437986.63
0+040.00	3295018.58	437980.28
0+050.00	3295027.53	437975.89
0+060.00	3295037.30	437973.86
0+070.00	3295047.26	437974.31
0+080.00	3295057.10	437976.11
0+090.00	3295066.91	437978.04
0+100.00	3295075.63	437982.85
0+110.00	3295085.30	437985.03
0+120.00	3295095.16	437983.49
0+130.00	3295105.08	437982.33
0+140.00	3295115.00	437983.38
0+150.00	3295124.79	437985.43
0+160.00	3295134.57	437987.49
0+170.00	3295144.35	437989.57
0+180.00	3295153.71	437993.04
0+190.00	3295162.47	437997.86
0+200.00	3295171.21	438002.71
0+210.00	3295179.96	438007.56
0+220.00	3295188.87	438012.09
0+230.00	3295198.08	438015.98
0+240.00	3295207.54	438019.21
0+250.00	3295217.21	438021.76
0+260.00	3295227.04	438023.61
0+266.70	3295233.68	438024.46

PI Station	Northing	Easting
0+000.00	3294988.64	438006.78
0+053.54	3295028.31	437970.82
0+091.69	3295068.59	437978.23
0+105.75	3295080.14	437986.46
0+130.69	3295105.65	437981.41
0+175.11	3295149.36	437990.60
0+238.77	3295205.12	438021.50
0+266.70	3295233.68	438024.46

Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Easting(m)	Northing(m)	Elevation(m)
GPS2	437770.8593	3295060.1065	171.4186
GPS3	437770.7943	3295060.0960	171.4184

NOTES

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ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
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7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

LEGEND

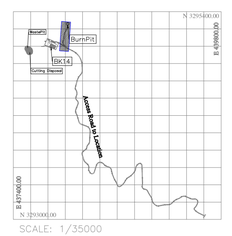
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
RETAINING WALL
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT
OIL LINE
BURN PIT LINE
NEW BURN PIT LINE

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report – BK14	BK-BK14-PEDCO-110-GT-RT-0001
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MTO For Civil Works – BK14	BK-BK14-PEDCO-110-CV-MT-0001

ABBREVIATION

PT= POINT
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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020
EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY – PEDCO
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14
BURN PIT ACCESS ROAD PLAN AND PROFILE

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
1/500	A1	BK-BK14-PEDCO-110-CV-DW-0001	92 OF 99	D05

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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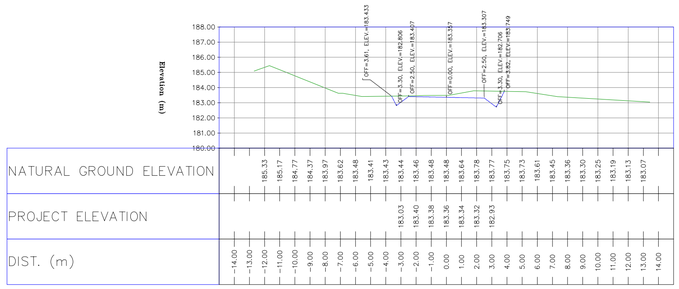
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

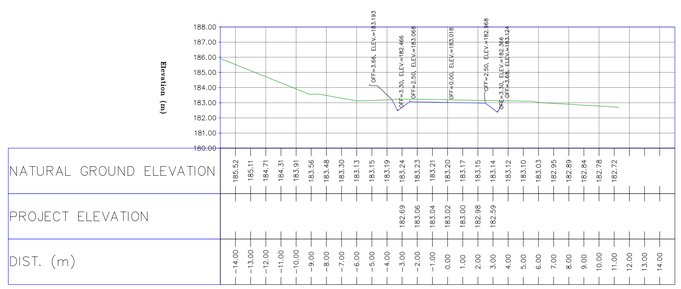
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APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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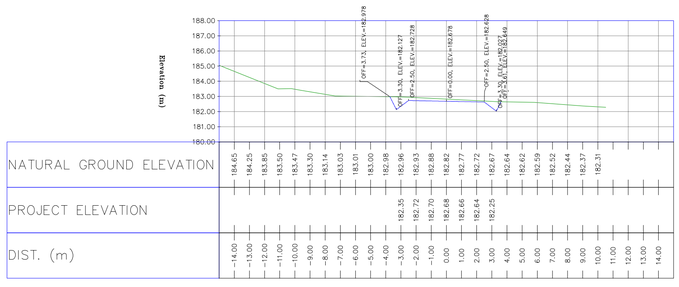
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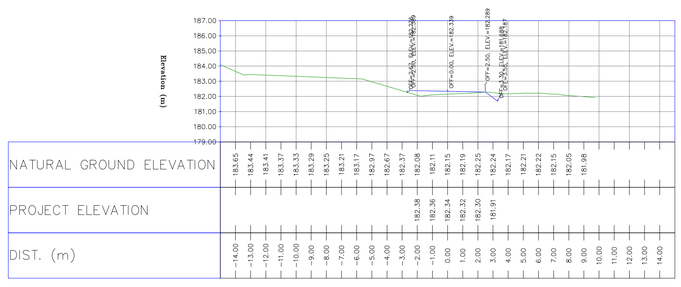
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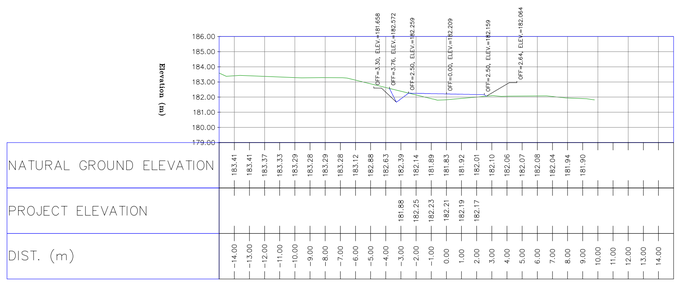
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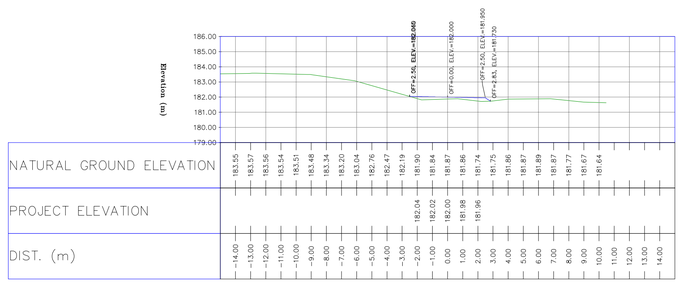
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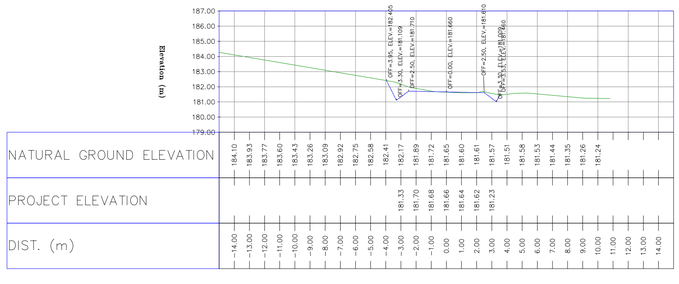
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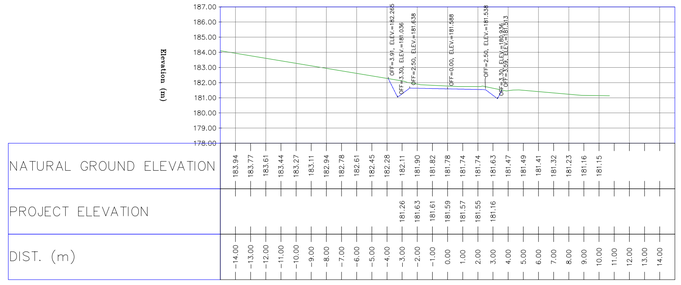
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0+050.00



0+052.14



NOTES

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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:	MSL

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- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
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LEGEND

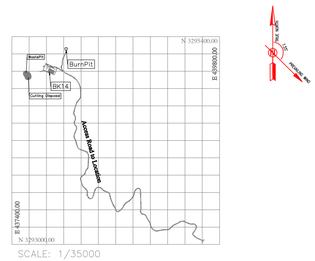
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
RETAINING WALL
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK-BK14-PEDCO-110-CV-PY-0001
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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
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D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14
BURN PIT ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	93 OF 99	D05

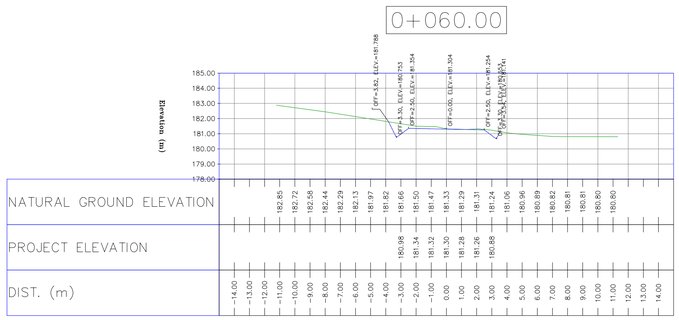
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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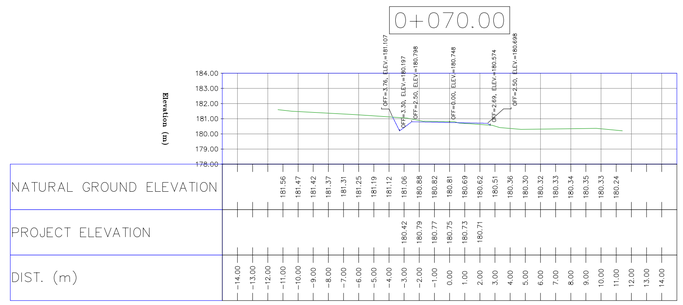
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

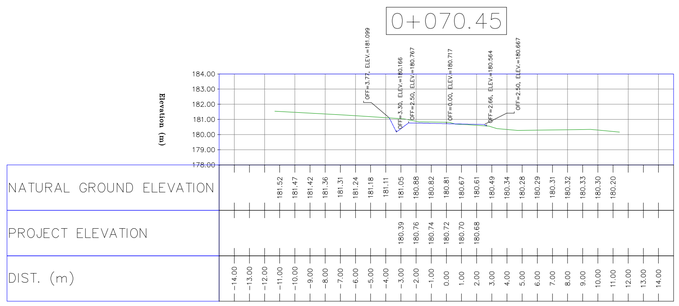
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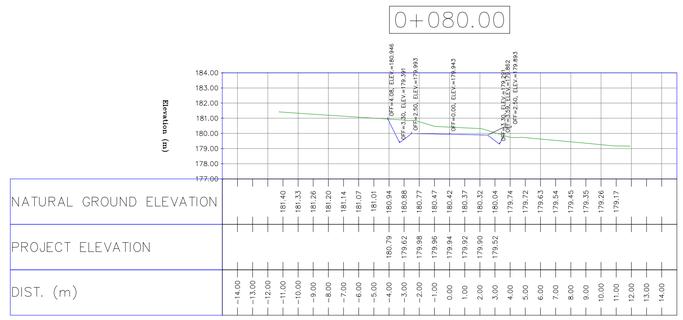
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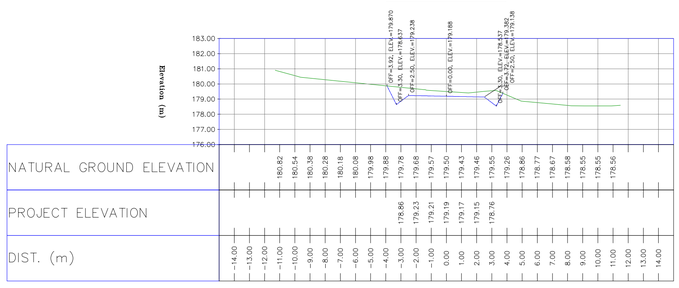
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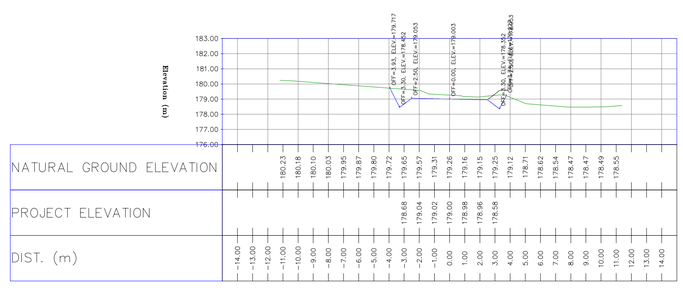


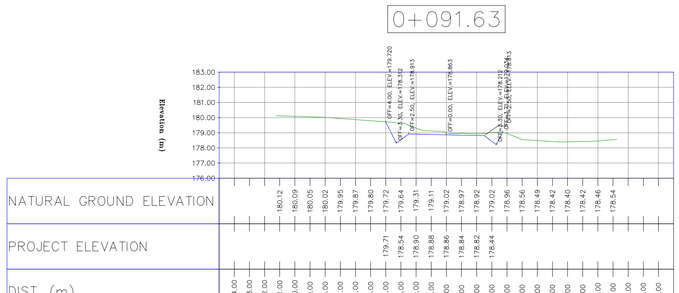


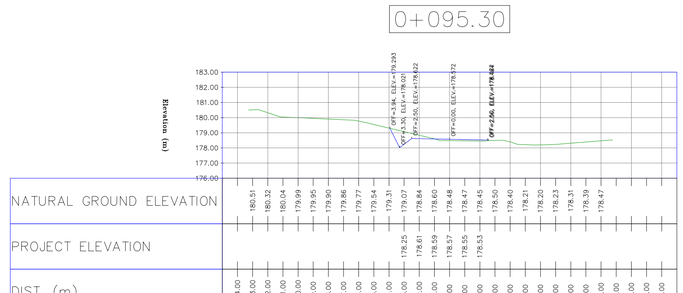












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LEGEND

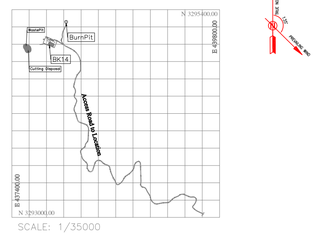
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WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
RETAINING WALL
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK–BK14–PEDCO–110–CV–PY–0001
Rough Grading Plan–BK14	BK–BK14–PEDCO–110–CV–PY–0003
Specification For Earth Work	BK–GNRAL–PEDCO–000–CV–SP–0004
Standard Drawing For Slope Protection Details	BK–GNRAL–PEDCO–000–CV–DW–0002
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ABBREVIATION

PT= POINT
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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**

REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB–SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14
BURN PIT ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK–BK14–PEDCO–110–CV–DW–0001	94 OF 99	D05

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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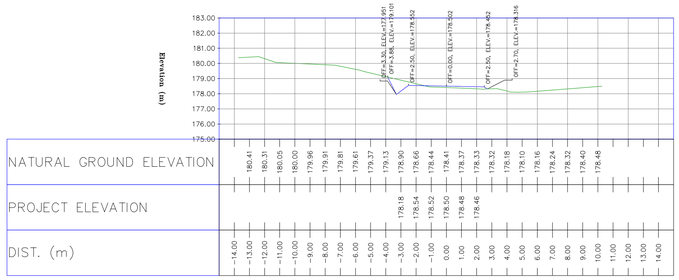
BINAK OILFIELD DEVELOPMENT
SUB–SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

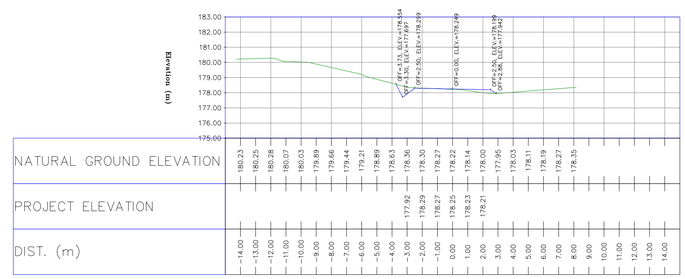
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APPROVED FOR CONSTRUCTION | BY: | DATE:

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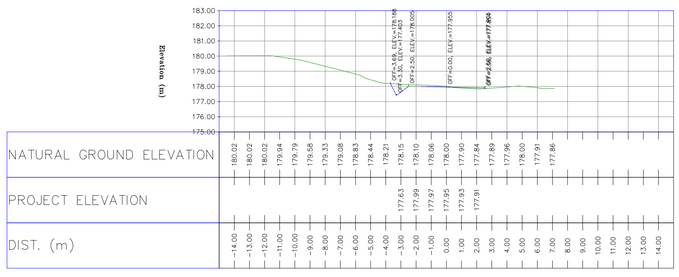
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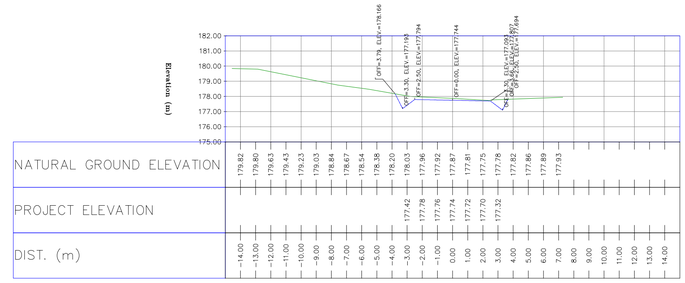
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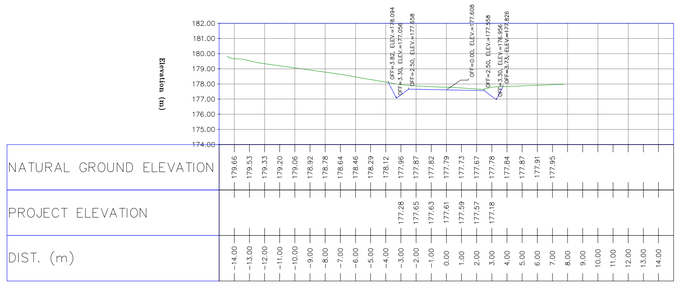
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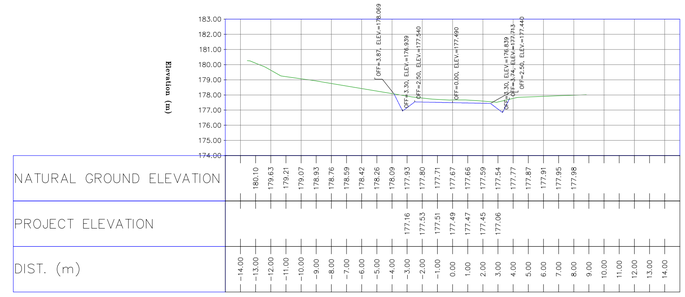
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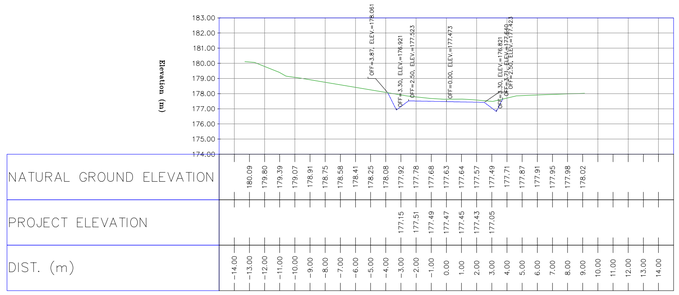
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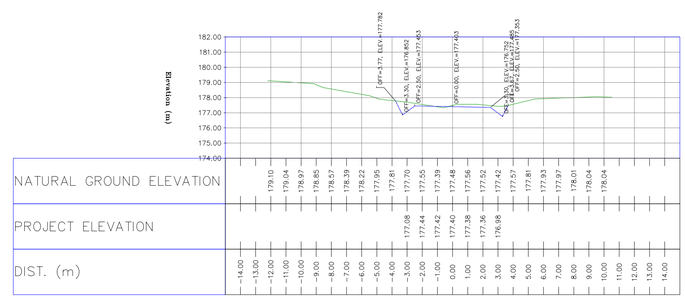
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0+130.00



NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- 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:	MSL

4- 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-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

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7- PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

LEGEND

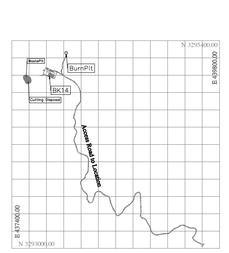
WELL LOCATION
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CAMP SITE
ASPHALT ROAD
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PROPOSED ROAD
DAYLIGHT
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REFERENCE DRAWING	DRG. No.
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KEY PLAN



SCALE: 1/35000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
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REV.	DESCRIPTION	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE
***	**********	**.**	***.****	**.**	***.****

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14
BURN PIT ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	95 OF 99	D05

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
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

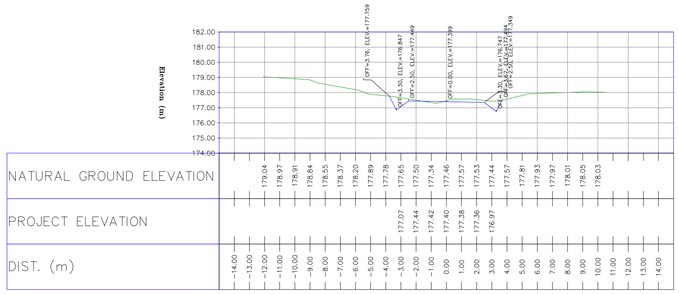
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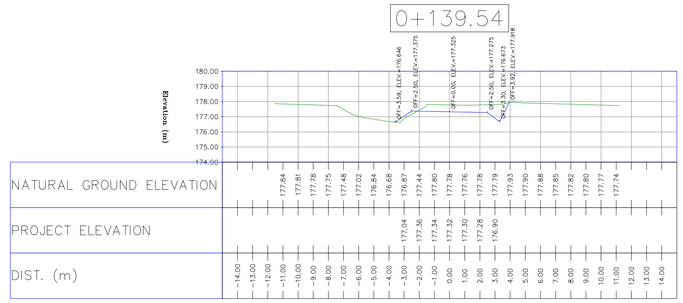
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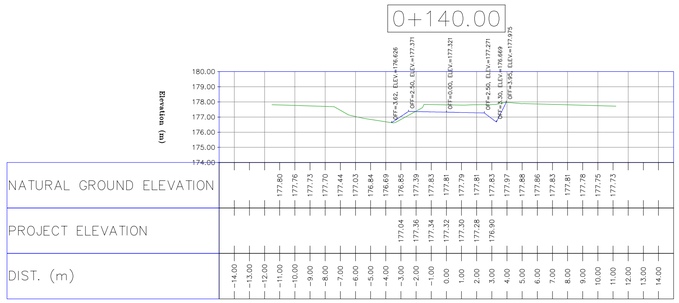
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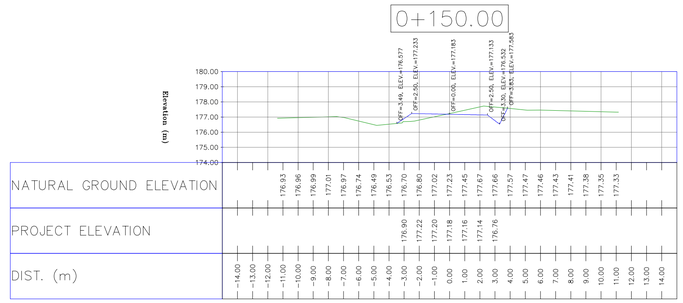
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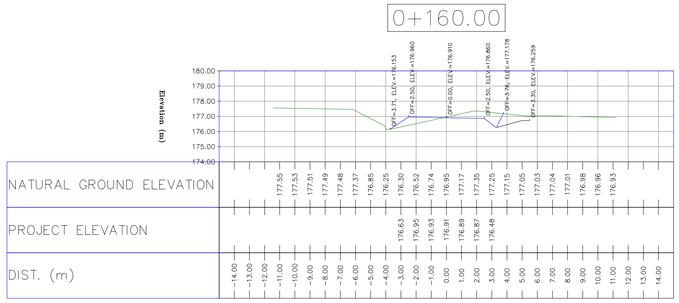
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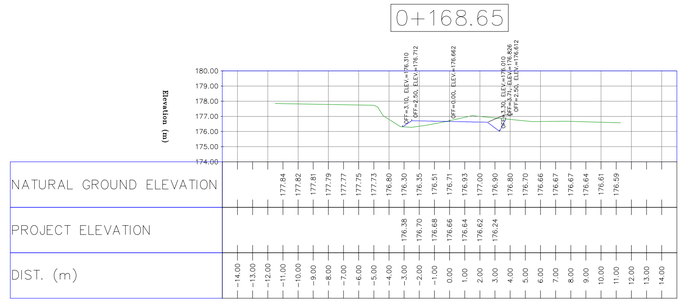
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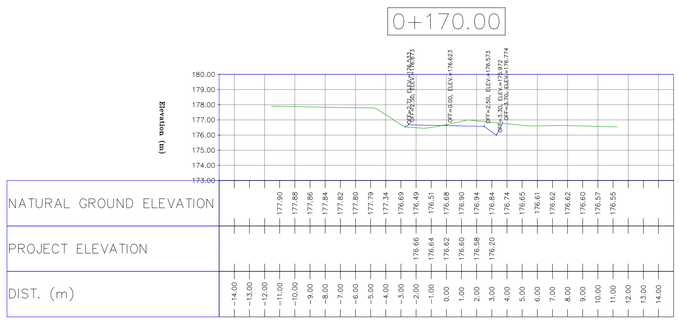
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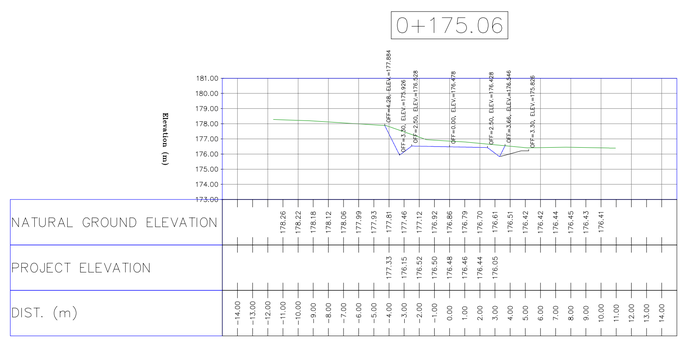
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0+175.06



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LEGEND

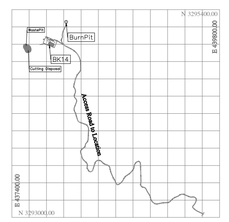
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KEY PLAN



SCALE: 1/35000

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REV.	DESCRIPTION	BY	DATE	BY	DATE
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PROJECT NO.: 971020

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DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14
BURN PIT ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO:	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	96 OF 99	D05

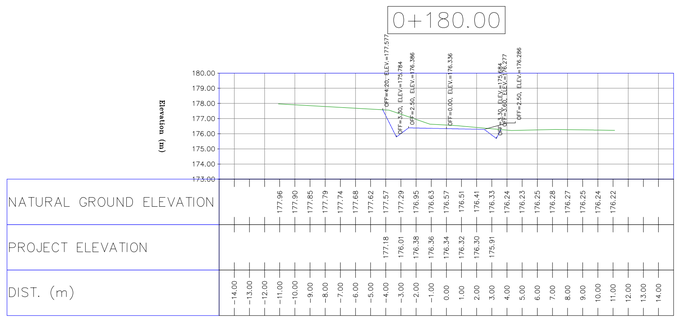
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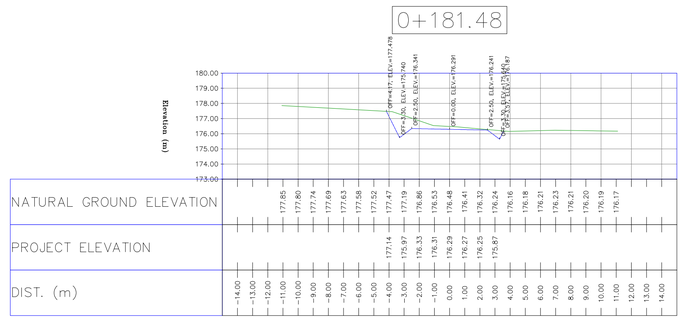
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BK14 WHF MODIFICATIONS

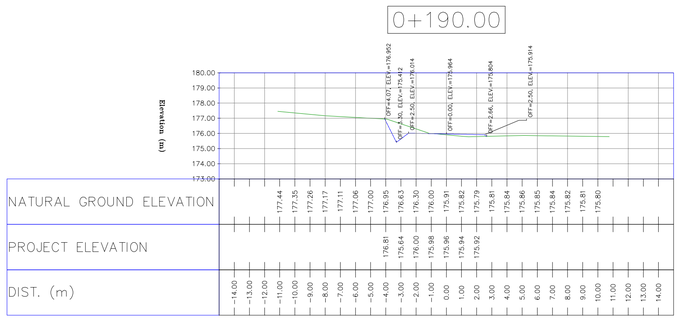
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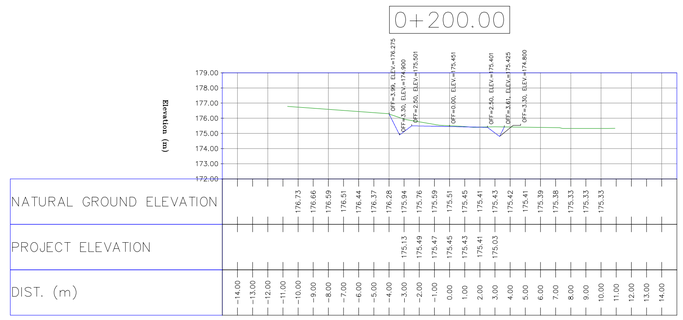
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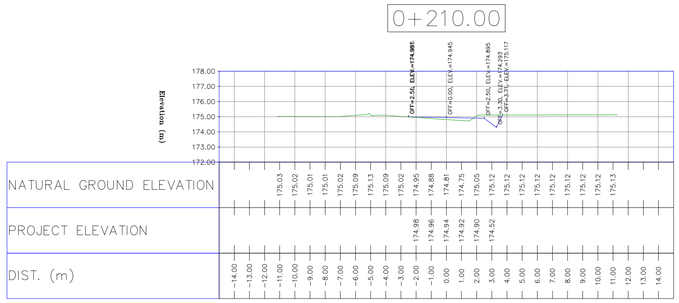
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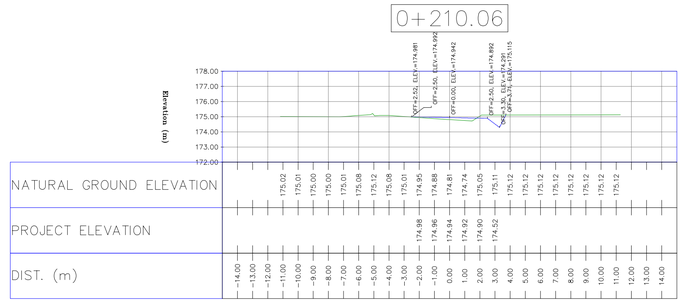


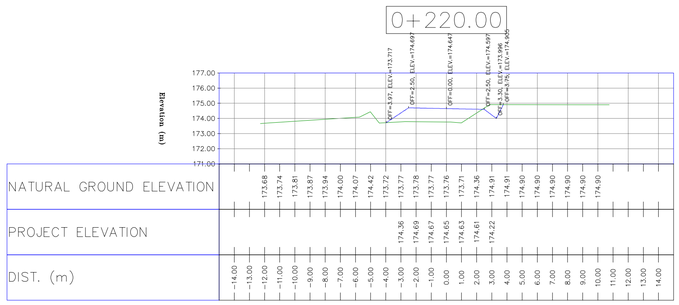


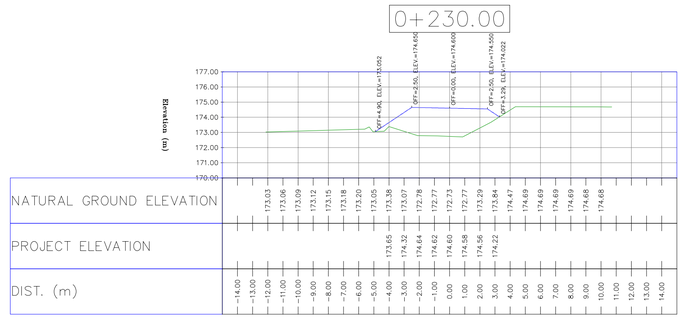












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HORIZONTAL COORDINATE SYSTEM:	WGS84/UTM ZONE 39
ELLIPSOID :	WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION:	UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM:	MSL

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- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK–GNRAL–PEDCO–000–CV–SP–0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

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LEGEND

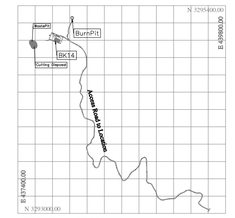
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
RETAINING WALL
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
SPOT HEIGHT (99.27)
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK–BK14–PEDCO–110–CV–PY–0001
Rough Grading Plan–BK14	BK–BK14–PEDCO–110–CV–PY–0003
Specification For Earth Work	BK–GNRAL–PEDCO–000–CV–SP–0004
Standard Drawing For Slope Protection Details	BK–GNRAL–PEDCO–000–CV–DW–0002
Geotechnical Investigation Report – BK14	BK–BK14–PEDCO–110–GT–RT–0001
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ABBREVIATION

PT= POINT
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KEY PLAN



SCALE: 1/35000

REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D03	MAY.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	OCT.2022	IFC	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB–SURFACE WORK PACKAGES BK14 WHF MODIFICATIONS
PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

BINAK OILFIELD DEVELOPMENT
SUB–SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

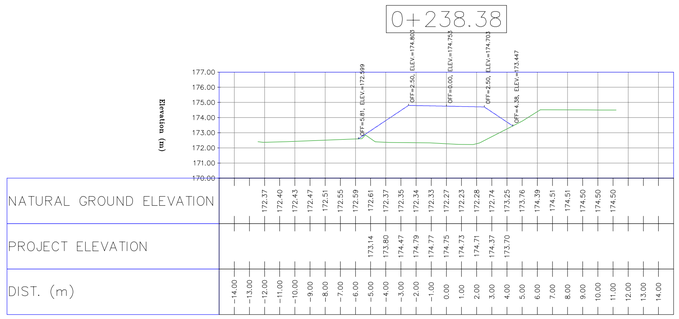
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14
BURN PIT ACCESS ROAD TRANSVERSAL SECTIONS

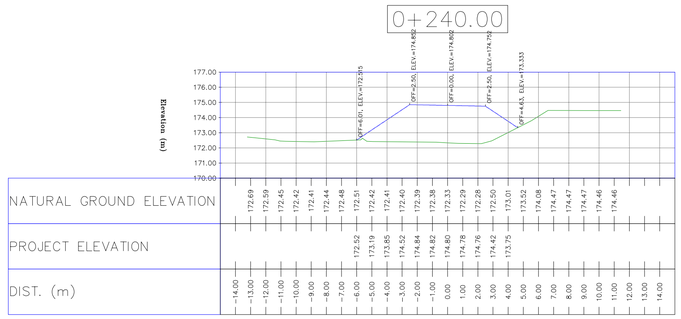
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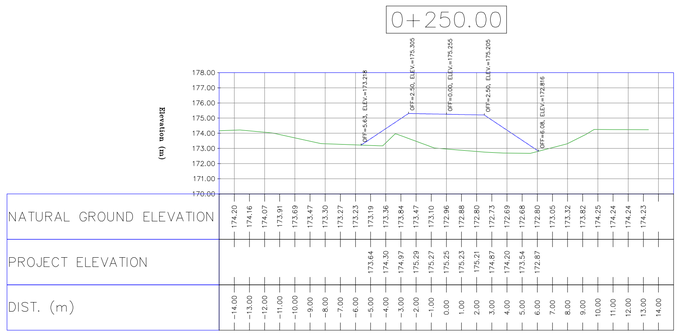
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APPROVED FOR CONSTRUCTION | BY: | DATE:

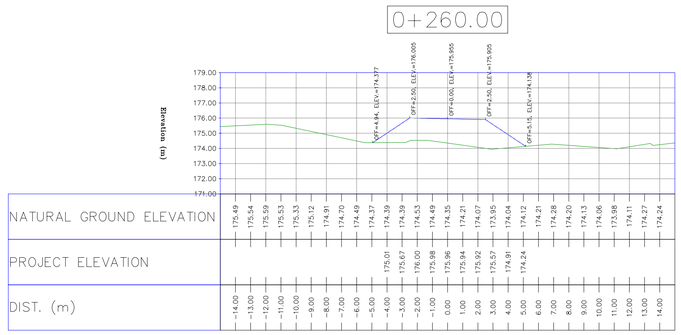
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H=1:200 V=1:200	A1	BK–BK14–PEDCO–110–CV–DW–0001	97 OF 99	D05

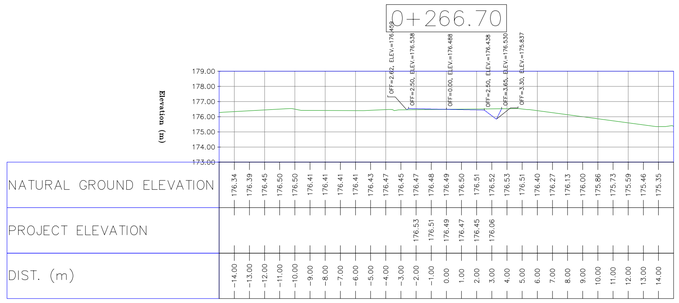
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053–073–9184	F	4	S	708209	97	D05











NOTES

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LEGEND

WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
RETAINING WALL
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
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KEY PLAN



SCALE: 1/35000

REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	JUN.2023	IFA	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
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D02	MAR.2023	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	NOV.2022	IFA	R.BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**.**
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REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
***	**********		**.**	***.****	**.**	***.****

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PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

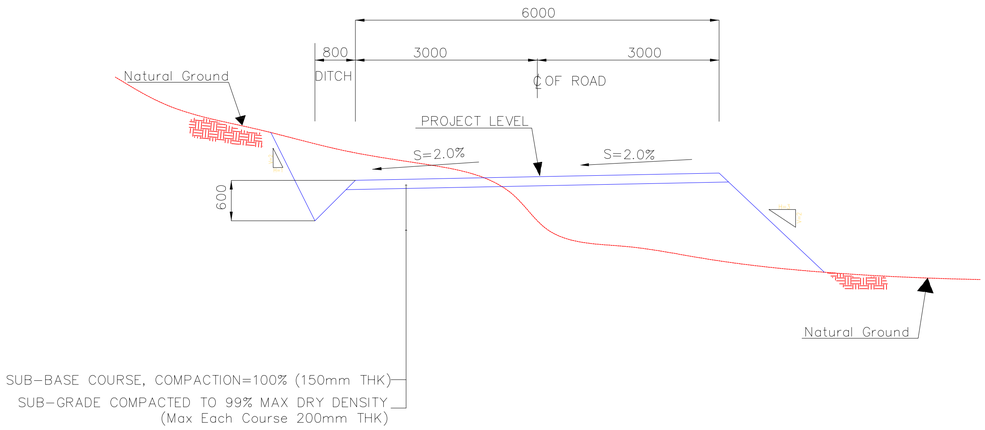
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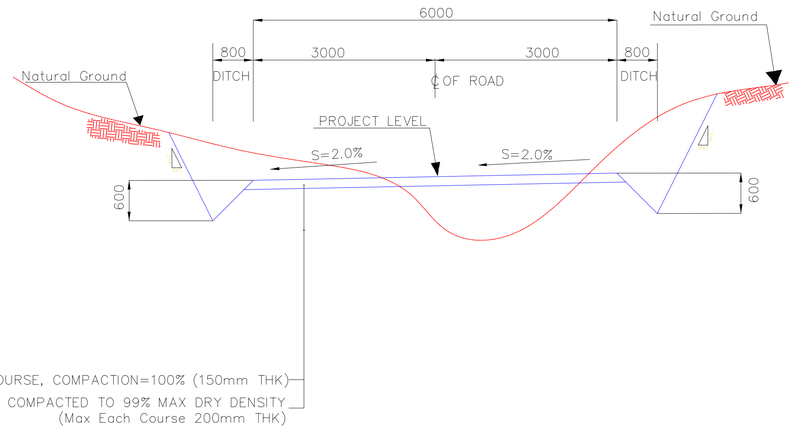
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - BK14
BURN PIT ACCESS ROAD TRANSVERSAL SECTIONS

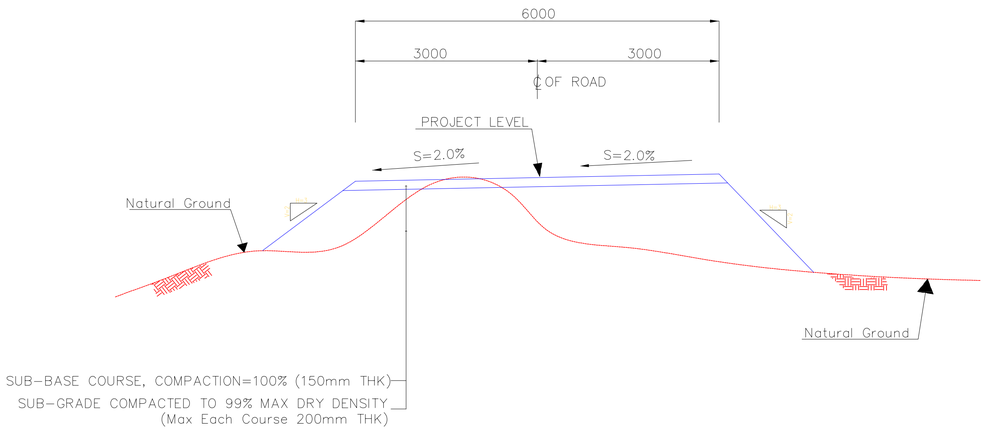
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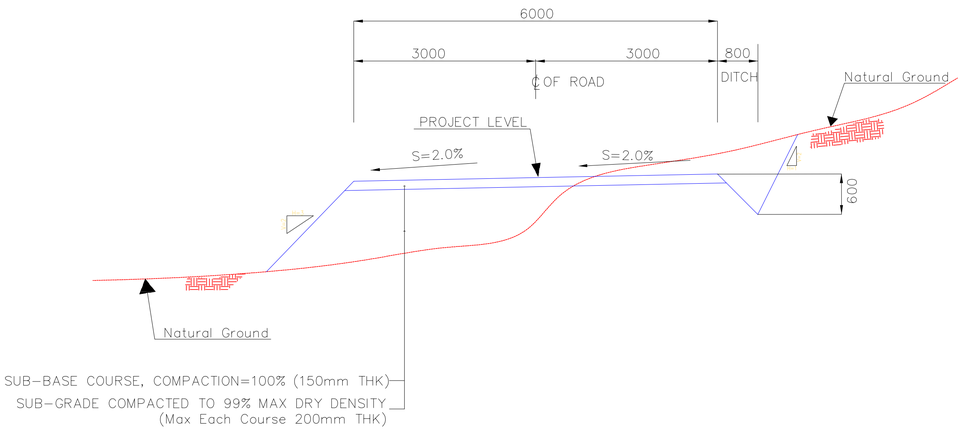
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	98 OF 99	D05

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	98	D05









N.T.S. 1 TYPICAL CROSS SECTIONS (BURN PIT Road)

NOTES

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LEGEND

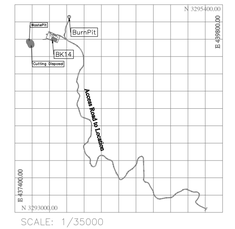
⊙	WELL LOCATION	→	CANAL
●	WELL	≈	RIVER
▭	SITE	◁	WATER COURSE
▭	CAMP SITE	60 / 50	CONTOURS
▬	ASPHALT ROAD	99.27	SPOT HEIGHT
▬	GRAVEL ROAD	△	BENCH MARK
▬	PROPOSED ROAD	⊓	BRIDGE
∿	DAYLIGHT	⊣⊢	CULVERT
▨	RETAINING WALL		

REFERENCE DRAWING	DRG. No.
General Civil Layout –BK14	BK-BK14-PEDCO-110-CV-PY-0001
Rough Grading Plan-BK14	BK-BK14-PEDCO-110-CV-PY-0003
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KEY PLAN



SCALE: 1/35000

REV.	DESCRIPTION	CHECKED BY	DATE	CHECKED BY	DATE
***	**********	**.**	***.****	**.**	***.****
D05	AUG.2023	AFC	R.BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
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EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
BK14 WHF MODIFICATIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE:

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – BK14
BURN PIT ACCESS ROAD TRANSVERSAL SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1:200 V=1:200	A1	BK-BK14-PEDCO-110-CV-DW-0001	99 OF 99	D05

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	708209	99	D05