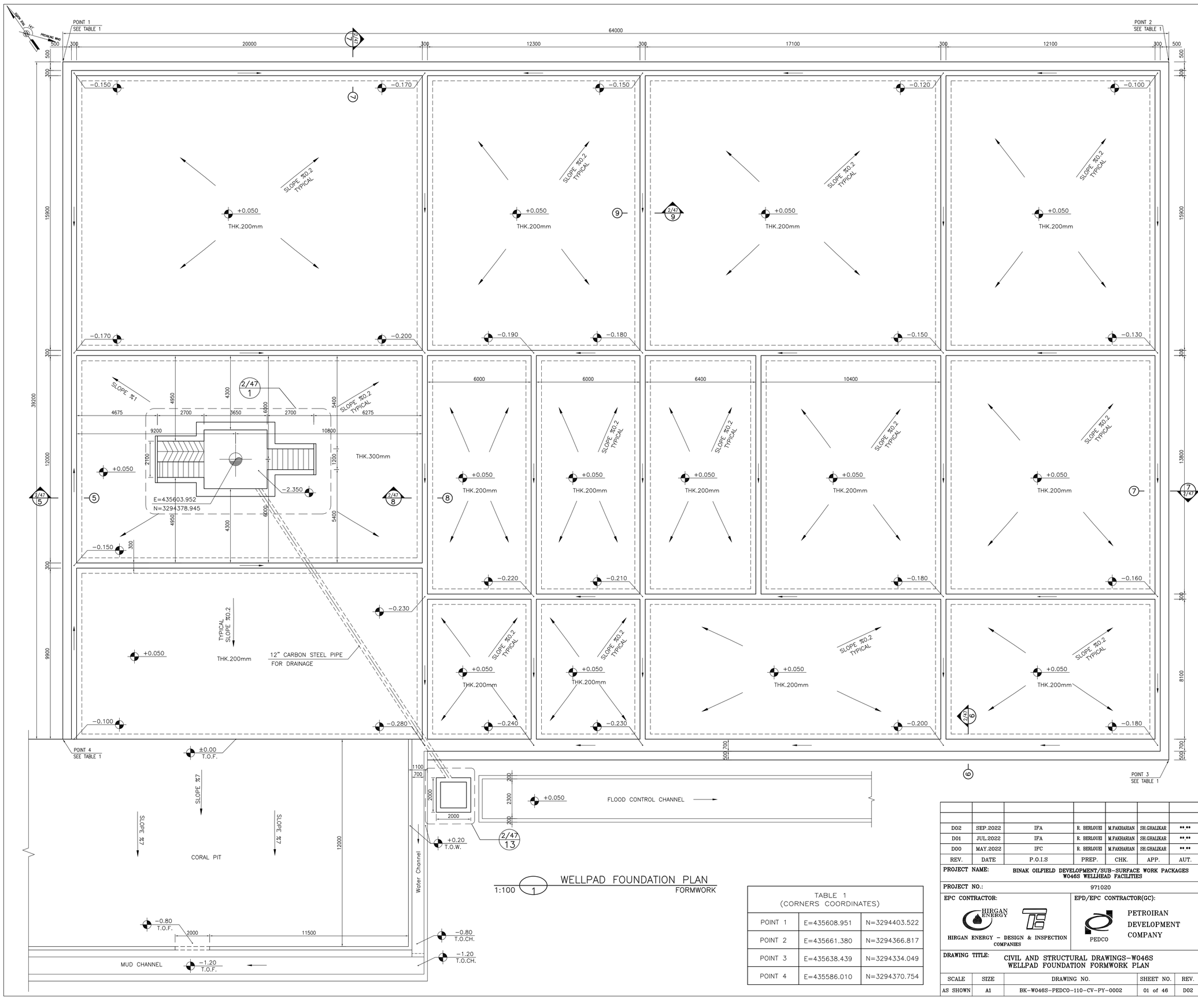


WELLPAD FOUNDATION PLAN
1:100 (1) FORMWORK

TABLE 1 (CORNERS COORDINATES)		
POINT 1	E=435608.951	N=3294403.522
POINT 2	E=435661.380	N=3294366.817
POINT 3	E=435638.439	N=3294334.049
POINT 4	E=435586.010	N=3294370.754

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) D01
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.
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

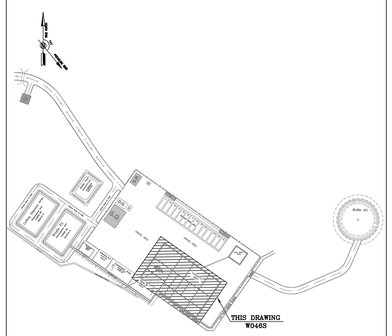
±0.00 = +57.00(R.G.L.)MSL

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

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
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 -W046S	BK-W046S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W046S	BK-W046S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	REV.	DESCRIPTION	CHECKED BY	CHECKED DATE	APPR. BY	APPR. DATE
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**	***	**********	**.**	***.****	**.**	***.****
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**						
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**						

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
PROJECT NO.: 971020

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

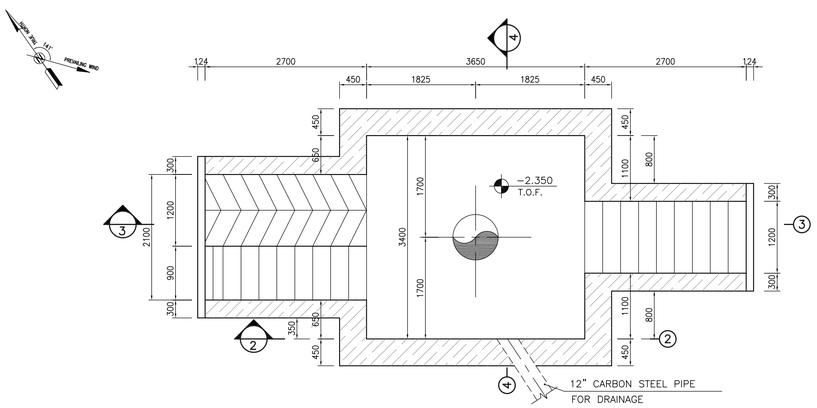
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

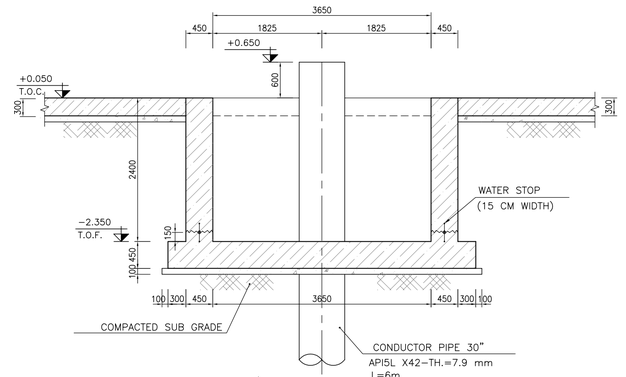
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S WELLPAD FOUNDATION FORMWORK PLAN

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

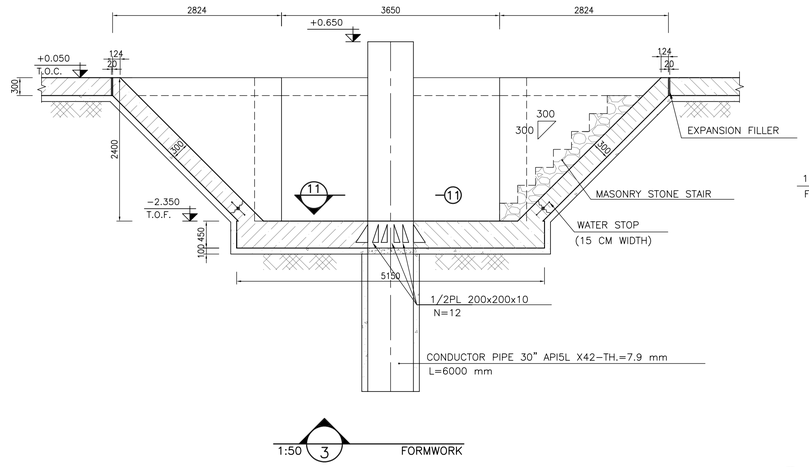
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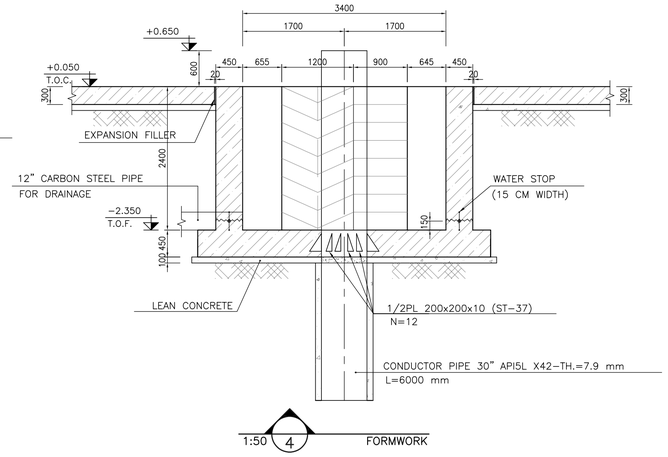
1/47 1:50 1 CELLAR PIT FORMWORK PLAN



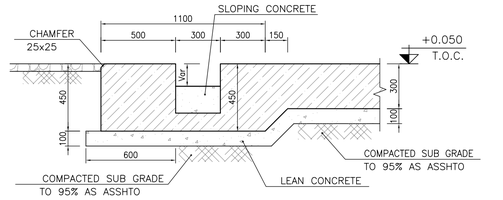
1:50 2 FORMWORK



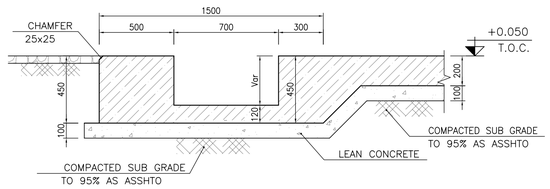
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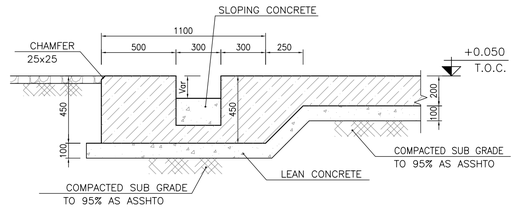
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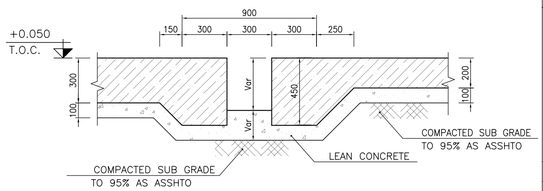
1/47 1:20 5 TYPICAL CHANNEL SECTION IN BOUNDARY SIDE



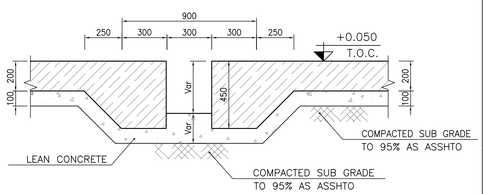
1/47 1:20 6 TYPICAL CHANNEL SECTION IN BOUNDARY SIDE



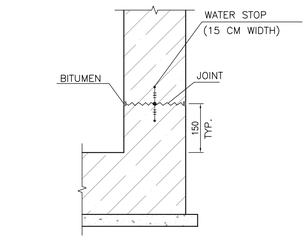
1/47 1:20 7 TYPICAL CHANNEL SECTION IN BOUNDARY SIDE



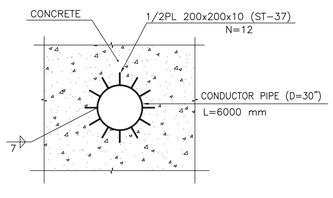
1/47 1:20 8 TYPICAL CHANNEL SECTION IN MIDDLE SIDE



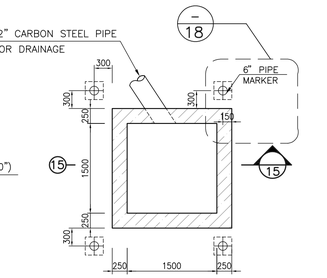
1/47 1:20 9 TYPICAL CHANNEL SECTION IN MIDDLE SIDE



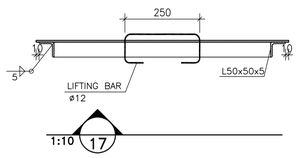
N.T.S. 10 TYPICAL DETAIL OF WATER STOP



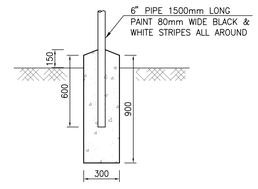
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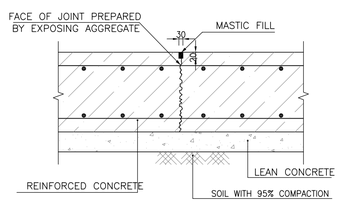
1/47 1:50 14 DRAIN PIT FORMWORK PLAN



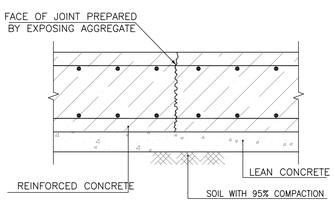
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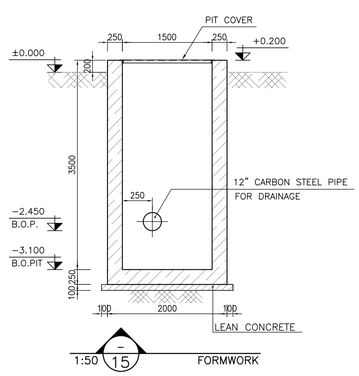
1:25 18 DETAIL OF MARKERS



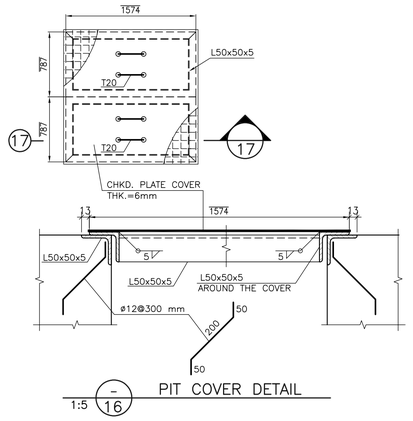
N.T.S. 12 TYPICAL CONTRACTION JOINT EVERY 6000



N.T.S. 13 TYPICAL CONSTRUCTION JOINT



1:50 15 FORMWORK



1:5 16 PIT COVER DETAIL

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.
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

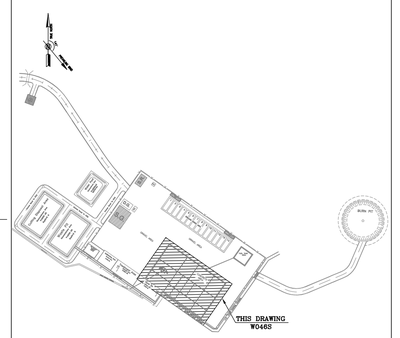
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LEGEND AND ABBREVIATION

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

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
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 -W046S	BK-W046S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W046S	BK-W046S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.						
D02	SEP.2022	IFA	R. BERLOUI	M.FAKHARIAN	SH.GHALIKAR	**.**	***	**********	**.**	***.****	**.**	***.****
D01	JUL.2022	IFA	R. BERLOUI	M.FAKHARIAN	SH.GHALIKAR	**.**	REV.	DESCRIPTION	BY	DATE	BY	DATE
D00	MAY.2022	IFC	R. BERLOUI	M.FAKHARIAN	SH.GHALIKAR	**.**			CHECKED		REV. APPR.	

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
WELLPAD AND RIG FOUNDATION DETAILS & SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	02 of 46	D02

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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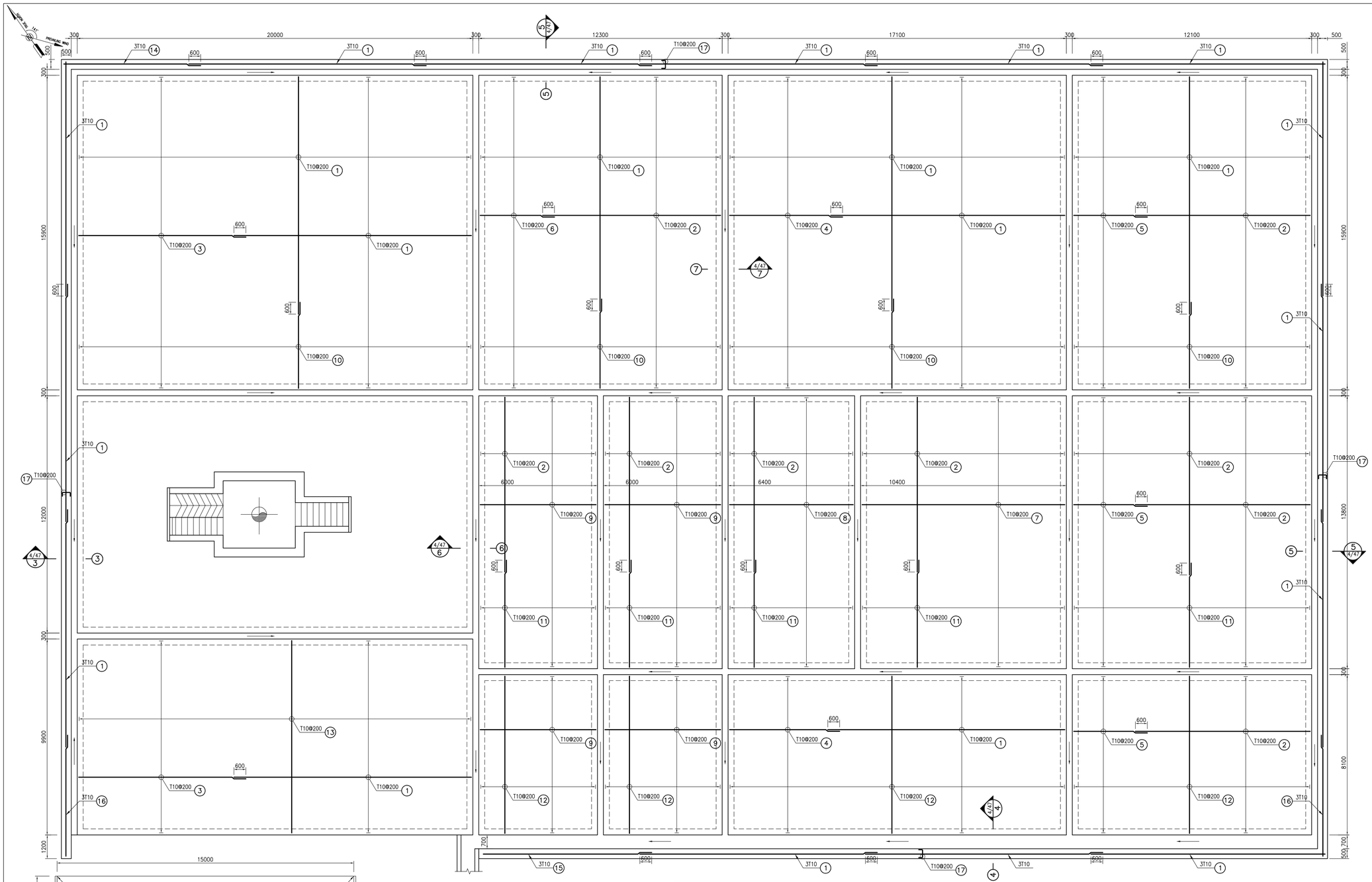
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	2	D02



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.

D01

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.

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

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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

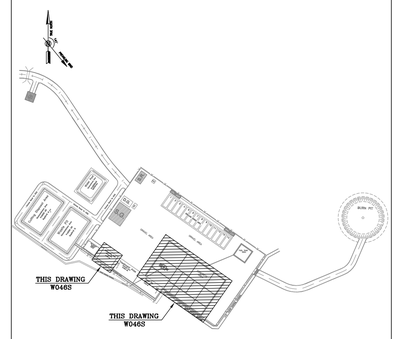
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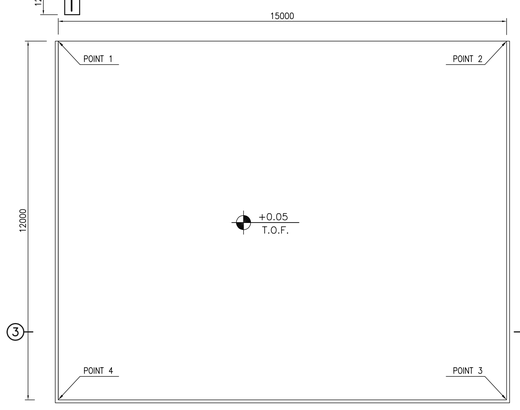
LEGEND AND ABBREVIATION

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

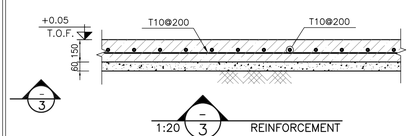
REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT -W046S	BK-W046S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W046S	BK-W046S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040

KEY PLAN



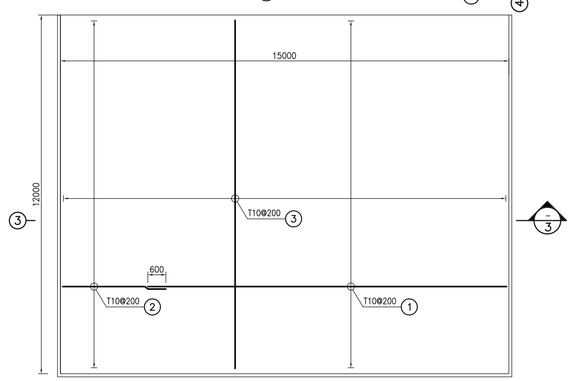


DEWATERING (CORNERS COORDINATES)		
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POINT 2	E=435561.565	N=3294388.844
POINT 3	E=435554.683	N=3294379.013
POINT 4	E=435542.395	N=3294387.616



1:20 3 REINFORCEMENT

1:100 2 DEWATERING FORMWORK PLAN
FORMWORK & REINFORCEMENT



1:100 1 WELLPAD FOUNDATION PLAN
REINFORCEMENT

REV.	DATE	DESCRIPTION	BY	DATE	BY	DATE
			CHECKED		REV. APPR.	
D02	SEP.2022	IFA	R. BERLOUI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUI	M.FAKHARIAN	SH.GHALIKAR	**.**
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 W046S 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
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

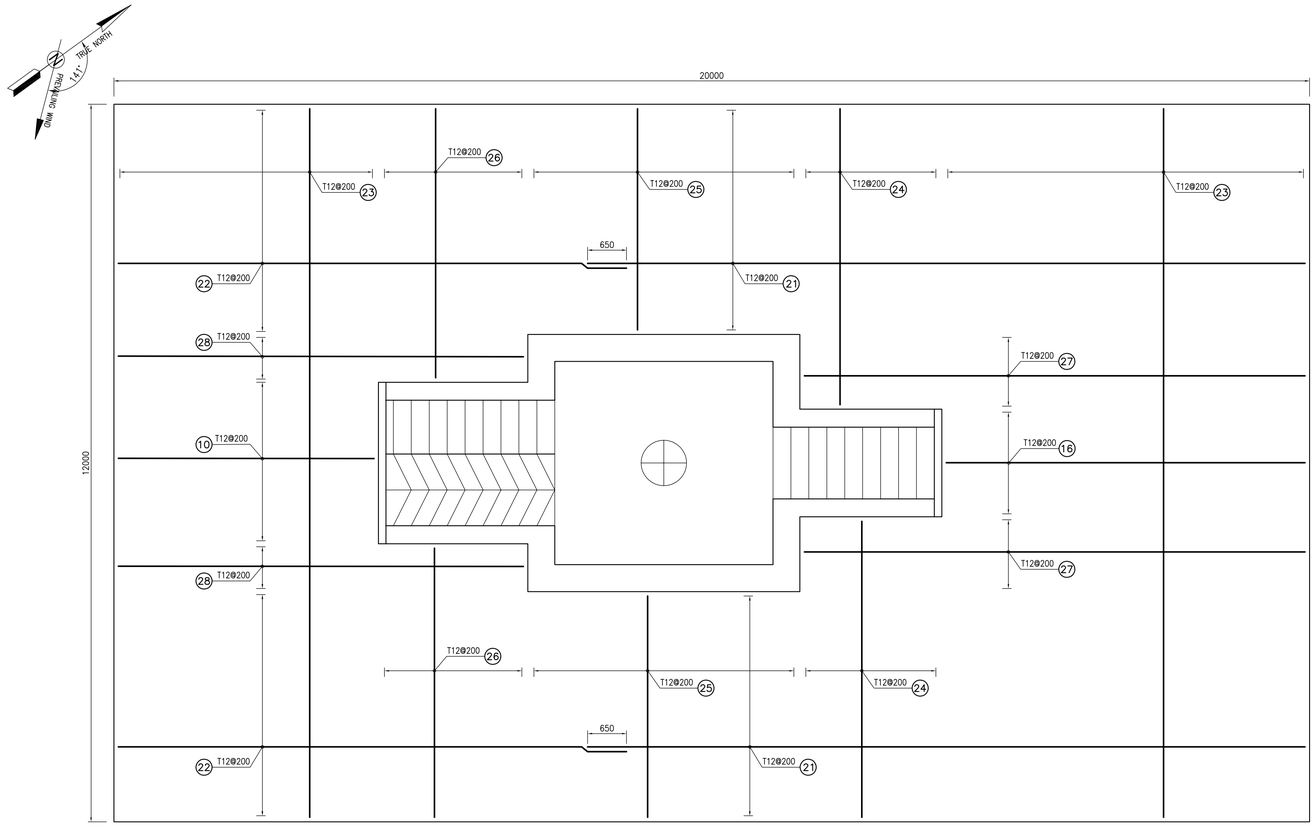
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
WELLPAD FOUNDATION REINFORCEMENT PLAN

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

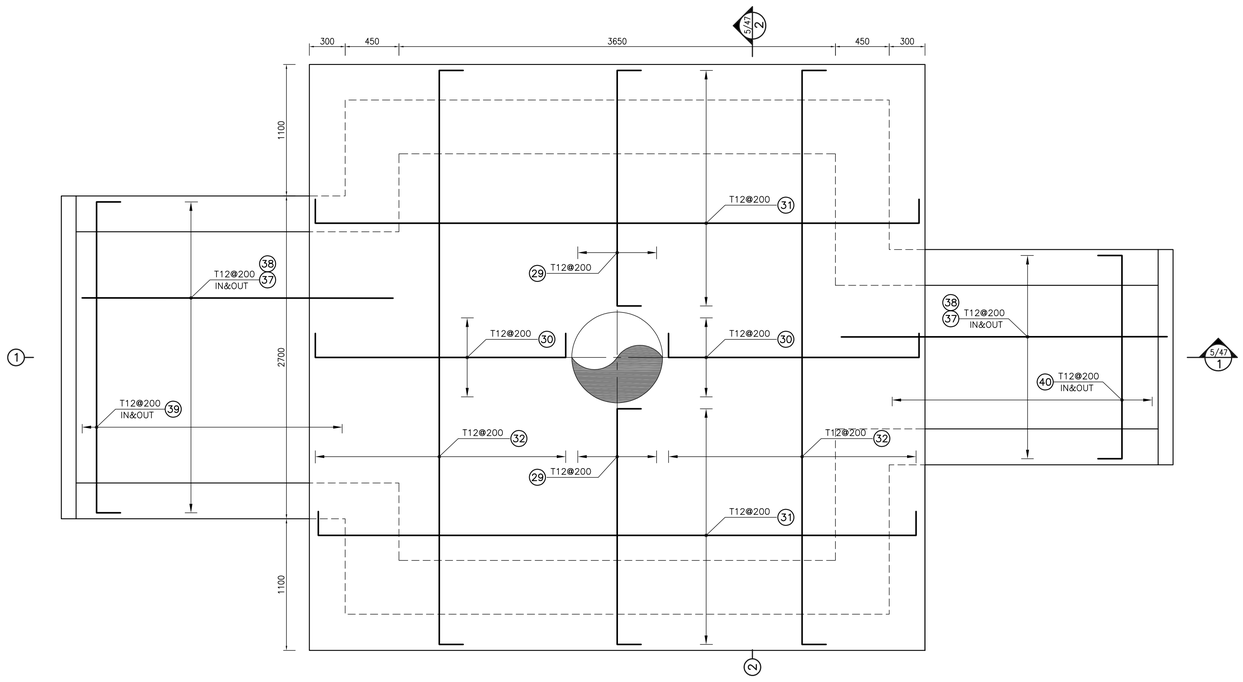
APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	03 of 46	D02

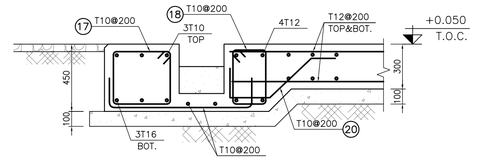
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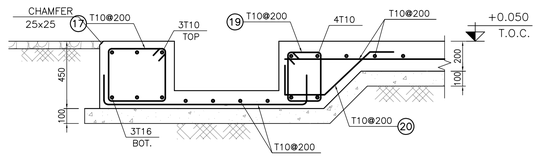
RIG FOUNDATION REINFORCEMENT PLAN
1:50 (1) TOP & BOTTOM



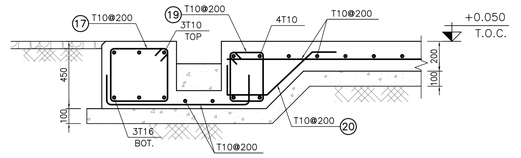
CELLAR PIT FOUNDATION REINFORCEMENT PLAN
1:25 (-/2) TOP & BOTTOM



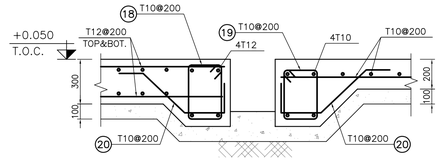
3/47 (3) 1:20 TYPICAL CHANNEL SECTION IN BOUNDARY SIDE



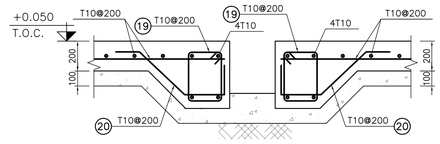
3/47 (4) 1:20 TYPICAL CHANNEL SECTION IN BOUNDARY SIDE



3/47 (5) 1:20 TYPICAL CHANNEL SECTION IN BOUNDARY SIDE



3/47 (6) 1:20 TYPICAL CHANNEL SECTION IN MIDDLE SIDE



3/47 (7) 1:20 TYPICAL CHANNEL SECTION IN MIDDLE SIDE

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.
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

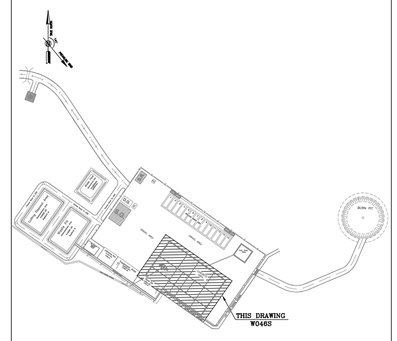
±0.00 = +57.00(R.G.L.)MSL

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

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
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 -W046S	BK-W046S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W046S	BK-W046S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
PROJECT NO.: 971020

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
WELLPAD AND RIG FOUNDATION DETAILS & SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	04 of 46	D02

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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

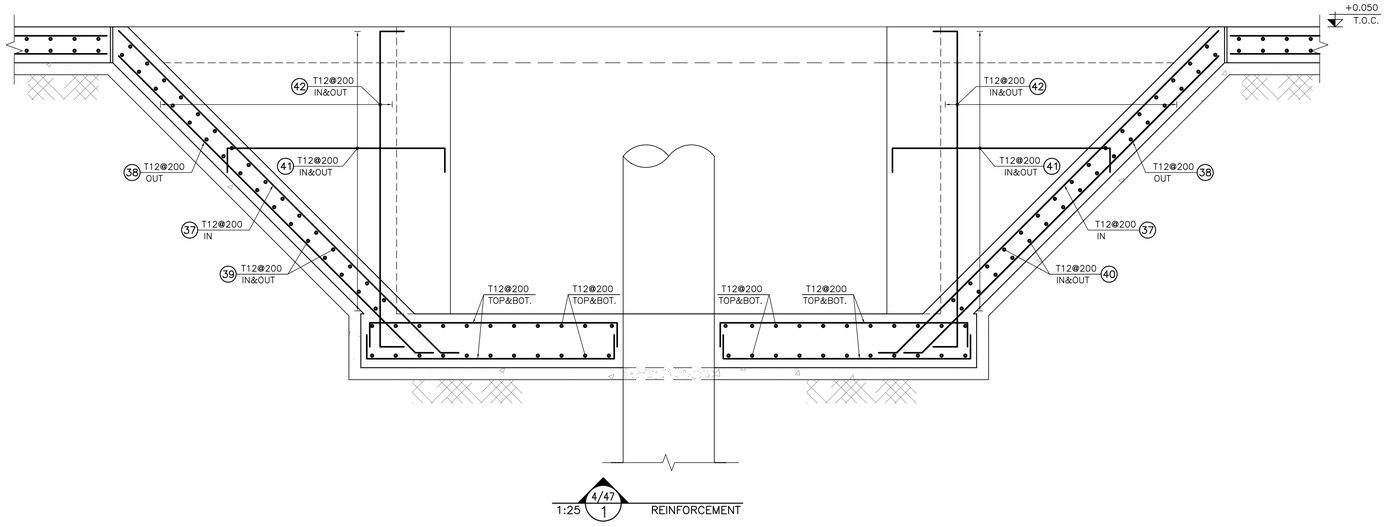
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

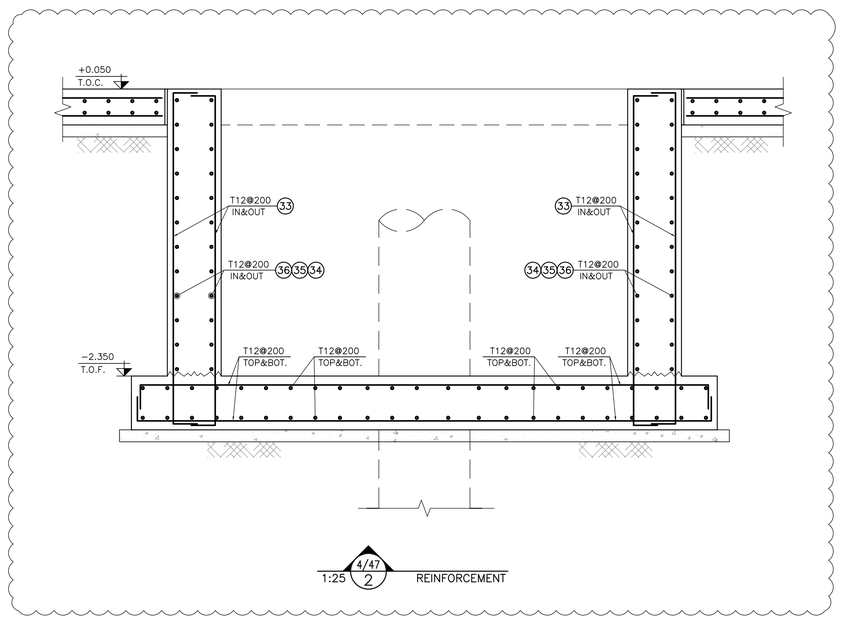
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	4	D02

BAR BENDING SCHEDULE – WELLPAD & CELLAR

Pos	Spec.	Shape	L/A	No.	T10	T112
1	T10	12000	12.00	637	7644.00	
2	T10	9000	9.00	478	4302.00	
3	T10	8450	8.45	130	1098.50	
4	T10	5550	5.55	121	671.55	
5	T10	3550	3.55	191	670.05	
6	T10	3750	3.75	80	300.00	
7	T10	10250	10.25	70	717.50	
8	T10	6250	6.25	70	737.50	
9	T10	5850	5.85	222	1298.70	
10	T10	4350	4.35	336	1461.6	
11	T10	5250	5.25	206	1081.50	
12	T10	7950	7.95	206	1637.70	
13	T10	9750	9.75	100	975.00	
14	T10	6850	6.85	6	41.10	
15	T10	8100	8.10	6	48.60	
16	T10	6000	6.00	32	192.00	
17	T10	300 / 350 / 100	1.50	925	1387.50	
18	T10	300 / 150 / 100	1.10	320	352.00	
19	T10	250 / 150 / 100	1.00	1950	1950.00	
20	T10	150 – 200 – 400 – 150	0.90	3625	3262.50	
21	T12	12000	12.00	80		960.00
22	T12	8500	8.50	80		680.00
23	T12	11850	11.85	108		1279.80
24	T12	4950	4.95	48		237.60
25	T12	3700	3.70	48		177.60
26	T12	4500	4.50	48		216.00
27	T12	8400	8.40	24		201.60
28	T12	6800	6.80	16		108.80
29	T12	200 – 1900 – 200	2.30	16		36.80
30	T12	200 – 2000 – 200	2.40	16		38.40
31	T12	200 – 5000 – 200	5.40	40		216.00
32	T12	200 – 4750 – 200	5.15	44		226.60
33	T12	200 – 2700 – 200	3.10	84		260.40
34	T12	200 – 4400 – 200	4.80	48		230.40
35	T12	200 – 1400 – 200	1.80	48		86.40
36	T12	200 – 950 – 200	1.35	48		64.80
37	T12	200 – 3800	4.00	24		96.00
38	T12	200 – 3500	3.70	24		88.80
39	T12	200 – 2550 – 200	2.95	32		94.40
40	T12	200 – 1650 – 200	2.05	32		65.60
41	T12	200 – 700–2700 – 200	Var	48		100.80
42	T12	200 – 300–2300 – 200	Var	56		95.20
TOTAL LENGTH OR AREA (m/m2)					29829.30	6251.20
UNIT WEIGTH (Kg)					0.617	0.888
WEIGTH (Kg)					18404.67	4939.06
GRAND TOTAL (Kg)					23400	



D02



BAR BENDING SCHEDULE – DEWATERING

Pos	Spec.	Shape	L/A	No.	T10
1	T10	12000	12.00	50	600.0
2	T10	8450	8.45	50	422.5
3	T10	9850	9.85	100	985.0
TOTAL LENGTH OR AREA (m/m2)					2007.50
UNIT WEIGTH (Kg)					0.617
WEIGTH (Kg)					1238.7
GRAND TOTAL (Kg)					1240

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. D01
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.
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

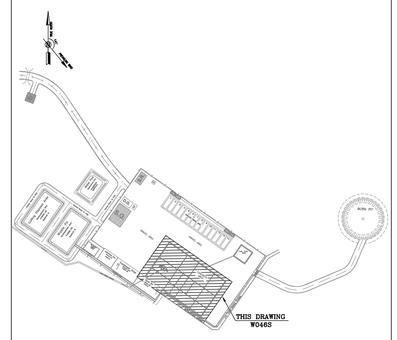
±0.00 = +57.00(R.G.L.)MSL

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

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK–GNRAL–PEDCO–000–CV–SP–0003
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 –W046S	BK–W046S–PEDCO–110–CV–PY–0001
ROUGH GRADING PLANS –W046S	BK–W046S–PEDCO–110–CV–DW–0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK–GNRAL–PEDCO–000–CV–DW–0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK–GNRAL–PEDCO–000–CV–DW–0040

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB–SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
PROJECT NO.: 971020

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS–W046S
GAS OIL PAD FORMWORK & REINFORCEMENT PLAN–SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK–W046S–PEDCO–110–CV–PY–0002	05 of 46	D02

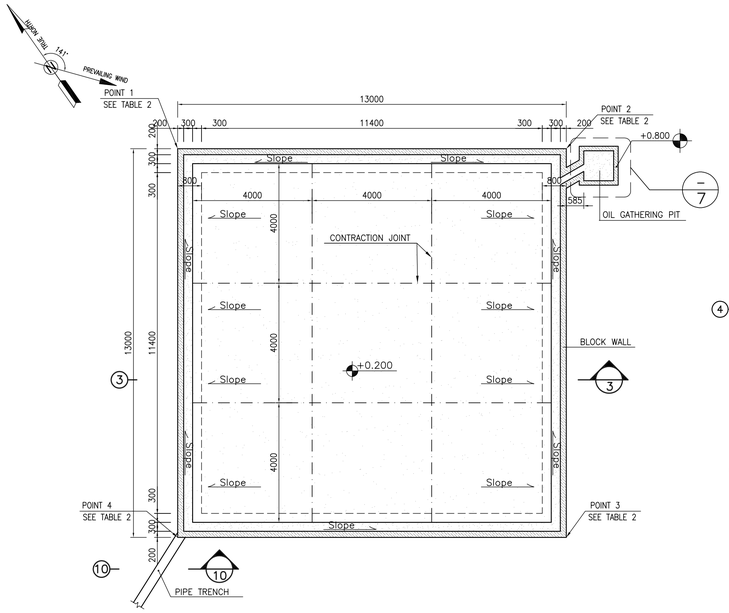
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BINAK OILFIELD DEVELOPMENT
SUB–SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

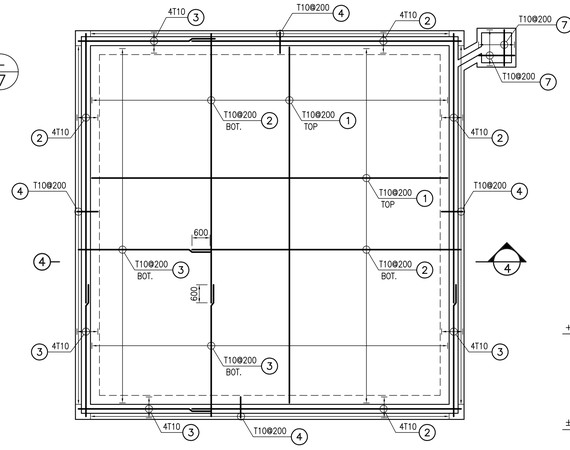
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

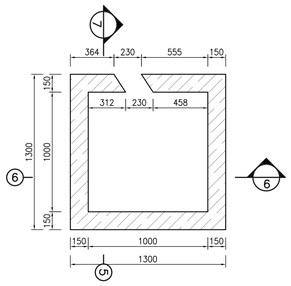
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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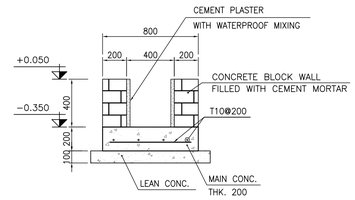
GAS OIL STORAGE FOUNDATION
1:100 (1) FORMWORK



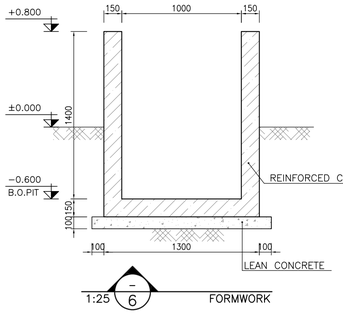
GAS OIL STORAGE FOUNDATION
1:100 (2) REINFORCEMENT



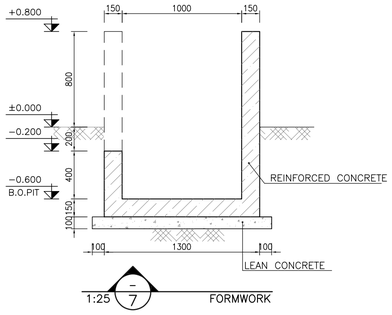
1:25 (5) OIL GATHERING PIT



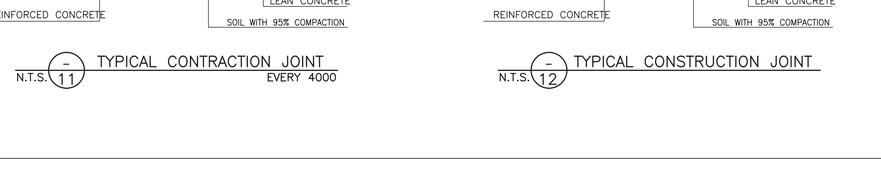
1:25 (10) TYPICAL SECTION OF PIPE TRENCH



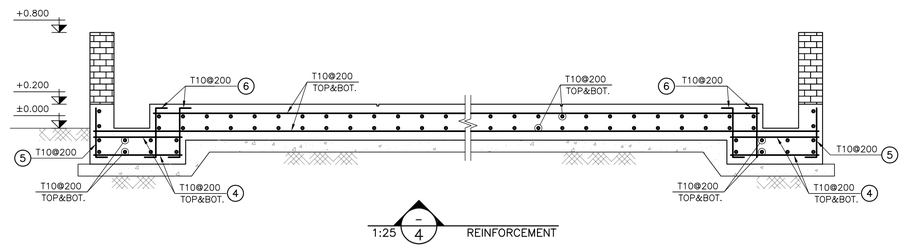
1:25 (6) FORMWORK



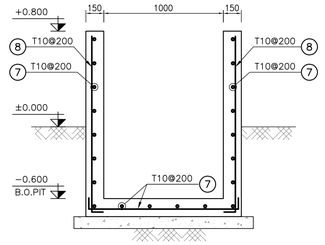
1:25 (7) FORMWORK



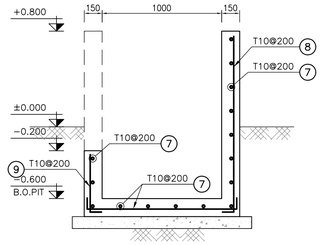
1:25 (3) FORMWORK



1:25 (4) REINFORCEMENT



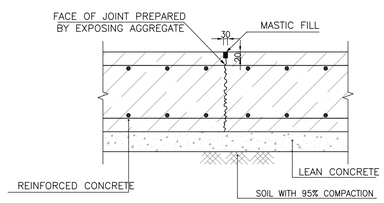
1:25 (8) REINFORCEMENT



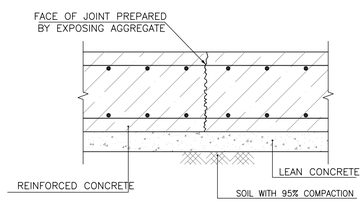
1:25 (9) REINFORCEMENT

BAR BENDING SCHEDULE – GAS OIL STORAGE					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	11850	11.85	124	1469.4
2	T10	9000	9.00	140	1260.0
3	T10	4450	4.45	140	600.85
4	T10	650	0.65	480	312.00
5	T10	150 350	0.50	240	120.00
6	T10	150 350 150	0.65	480	312.00
7	T10	1150	1.15	37	42.55
8	T10	150 1400	1.55	34	52.70
9	T10	150 400	0.55	14	7.70
TOTAL LENGTH OR AREA (m)					4188.20
UNIT WEIGTH (Kg/m)					0.617
WEIGTH (Kg)					2577.34
GRAND TOTAL (Kg)					2580

TABLE 2 (CORNERS COORDINATES)		
POINT 1	E=435675.521	N=3294400.618
POINT 2	E=435685.843	N=3294393.392
POINT 3	E=435678.617	N=3294383.070
POINT 4	E=435668.295	N=3294390.296



TYPICAL CONTRACTION JOINT
N.T.S. (11) EVERY 4000



TYPICAL CONSTRUCTION JOINT
N.T.S. (12)

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.
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

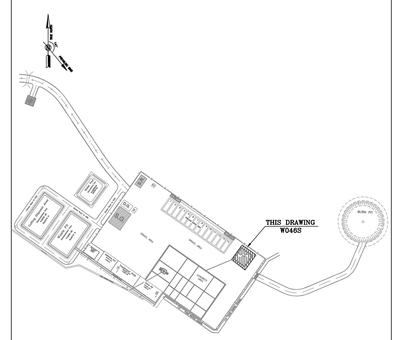
±0.00 = +57.00(R.G.L.)MSL

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

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
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 -W046S	BK-W046S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W046S	BK-W046S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
PROJECT NO.: 971020

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
GAS OIL PAD FORMWORK & REINFORCEMENT PLAN-SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	06 of 46	D02

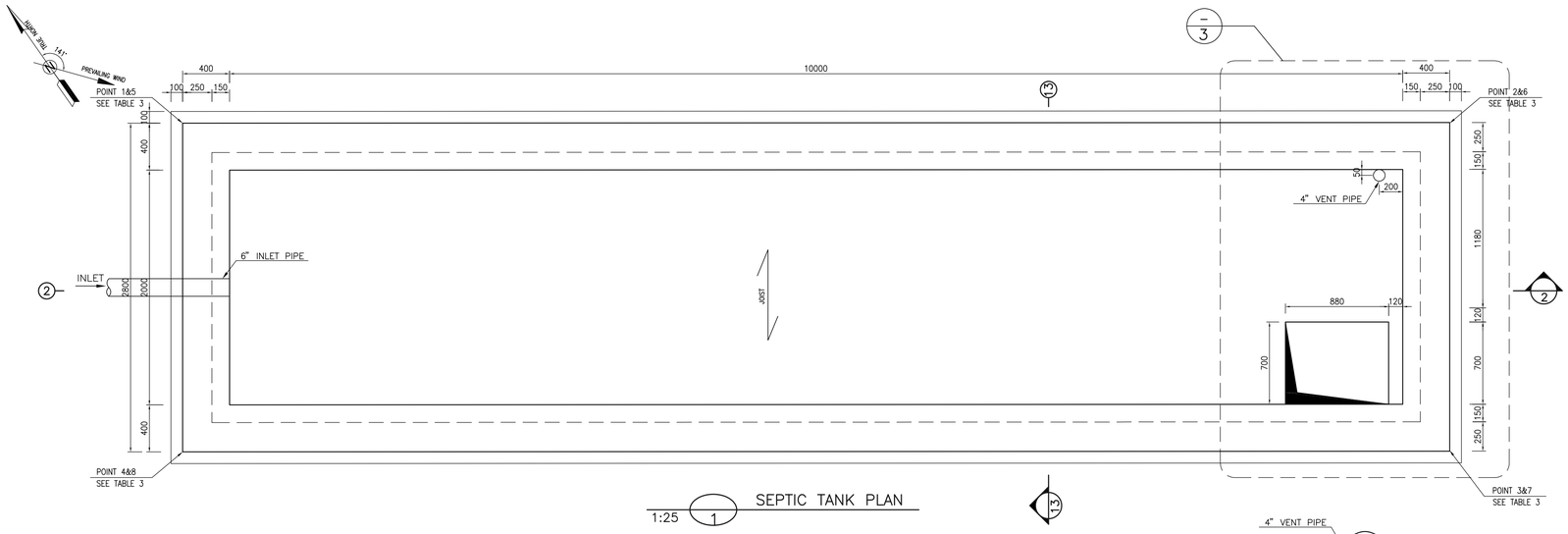
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

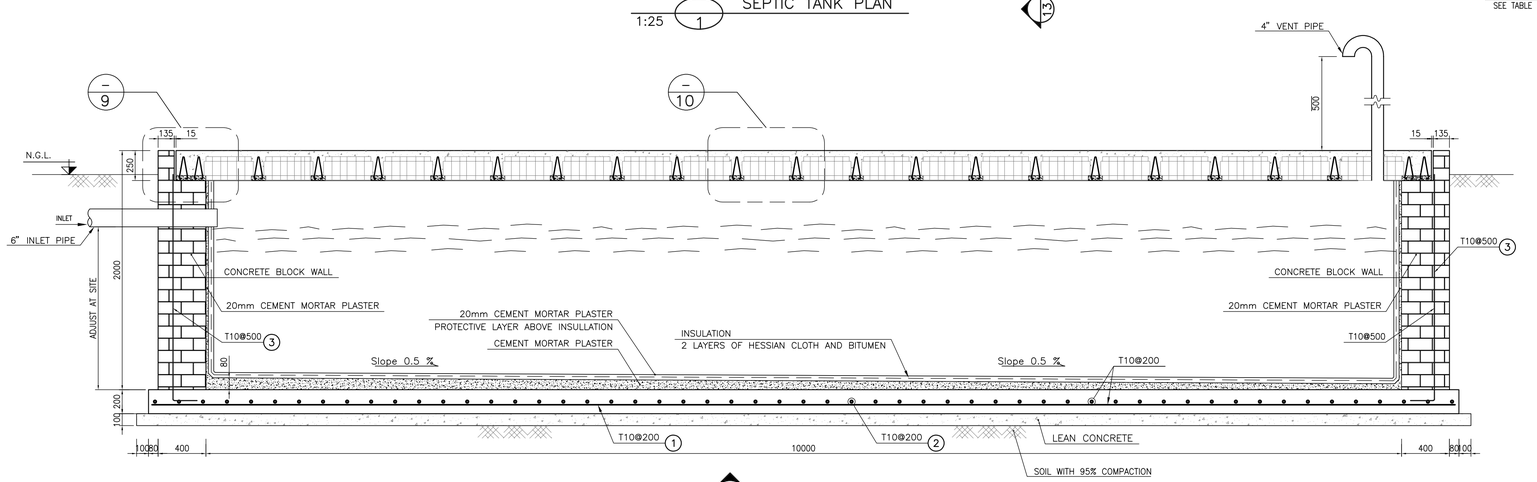
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

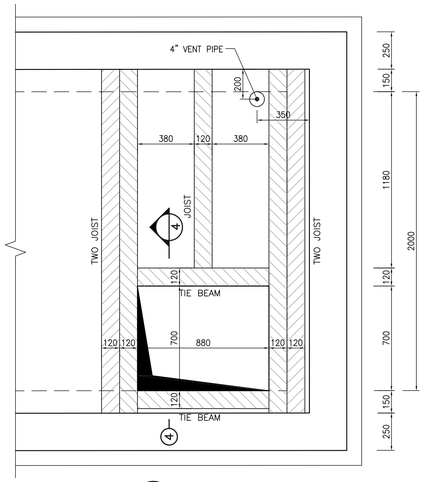
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	6	D02



SEPTIC TANK PLAN
1:25 (1)



1:25 (2) FORMWORK REINFORCEMENT



1:20 (3)

TABLE 3 (CORNERS COORDINATES)		
POINT 1	E=435661.267	N=3294415.480
POINT 2	E=435669.459	N=3294409.745
POINT 3	E=435667.854	N=3294407.451
POINT 4	E=435659.662	N=3294413.186
POINT 5	E=435611.440	N=3294450.363
POINT 6	E=435619.632	N=3294444.628
POINT 7	E=435618.026	N=3294442.334
POINT 8	E=435609.834	N=3294448.069

NOTES

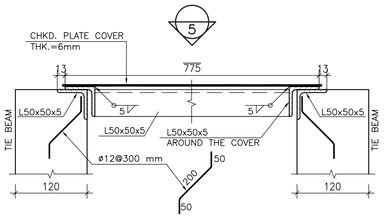
1- ALL COORDINATES ARE IN METER.
2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE 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.
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

±0.00 = +57.00(R.G.L.)MSL

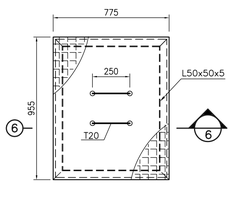
LEGEND AND ABBREVIATION

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

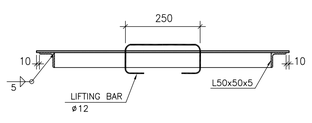
REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT -W046S	BK-W046S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W046S	BK-W046S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040



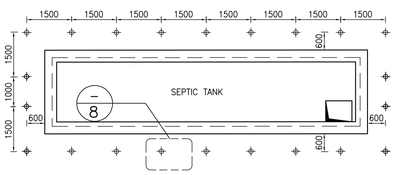
1:5 (4) FORMWORK



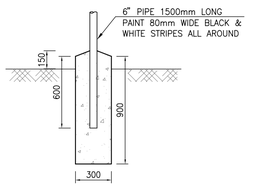
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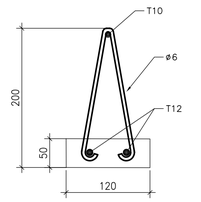
1:10 (6) FORMWORK



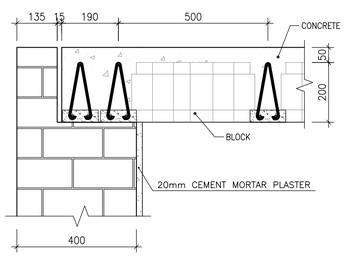
1:100 (7) ARRANGMENT OF MARKERS



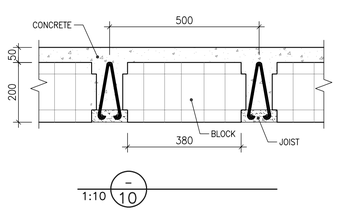
1:25 (8) DETAIL OF MARKERS



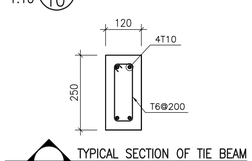
1:10 (11) JOIST DETAIL



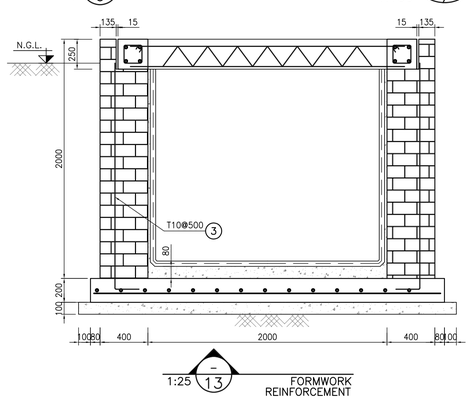
1:10 (8)



1:10 (10)



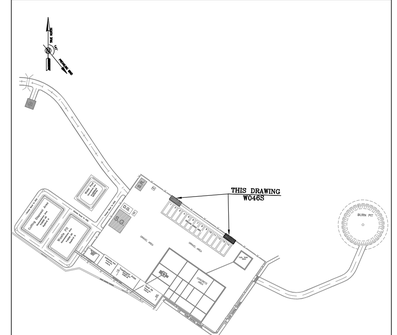
1:10 (12) TYPICAL SECTION OF TIE BEAM



1:25 (13) FORMWORK REINFORCEMENT

BAR BENDING SCHEDULE - SEPTIC TANK					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	10800	10.80	14	151.20
2	T10	2800	2.80	18	50.40
3	T10	150 2050	2.20	52	114.40
TOTAL LENGTH OR AREA (m/m2)					316.00
UNIT WEIGTH (Kg)					0.617
WEIGTH (Kg)					194.97
GRAND TOTAL (Kg)					200

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	REV.	DESCRIPTION	BY	DATE	BY	DATE
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**	***	**********	**.**	***.****	**.**	***.****
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**			CHECKED		REV. APPR.	
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**						

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
PROJECT NO.: 971020

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

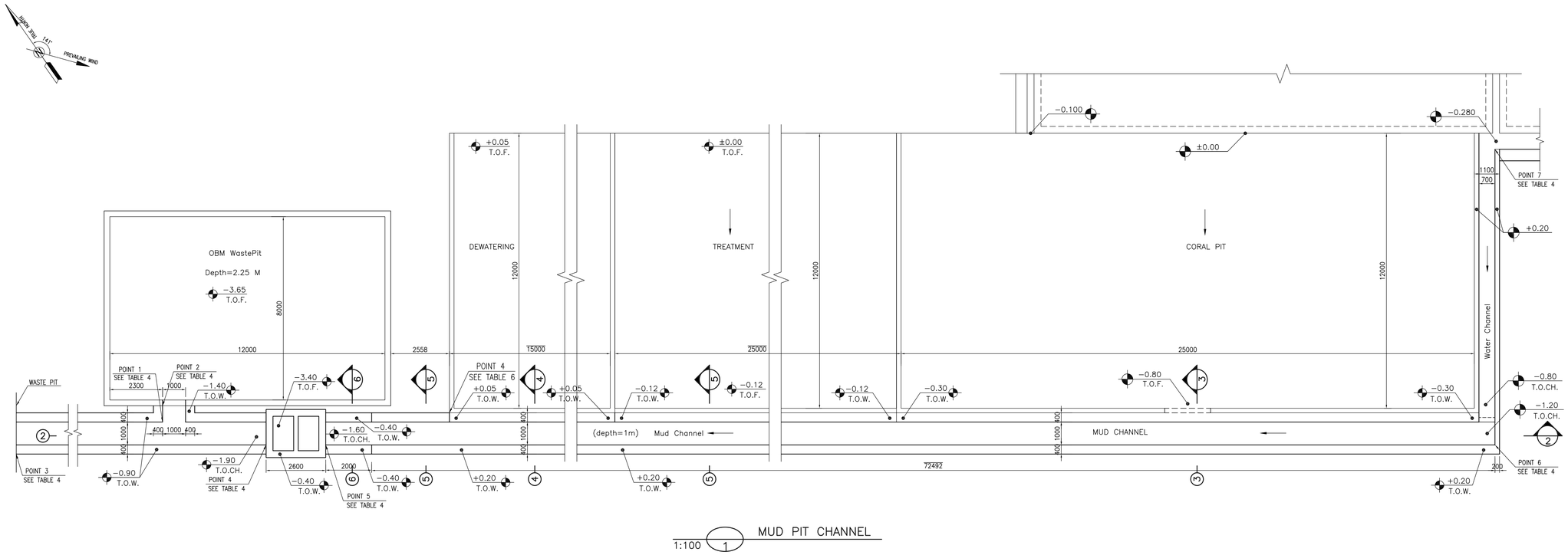
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

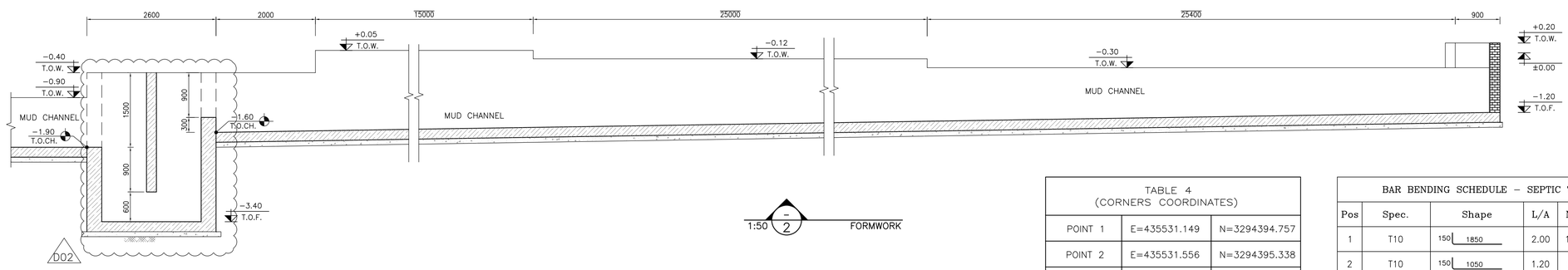
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
SEPTIC TANK FORMWORK & REINFORCEMENT PLAN-SECTION

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-W046S-PEDCO-110-CV-PY-0002	07 of 46	D02	053-073-9184	F	4	S	707654	7	D02



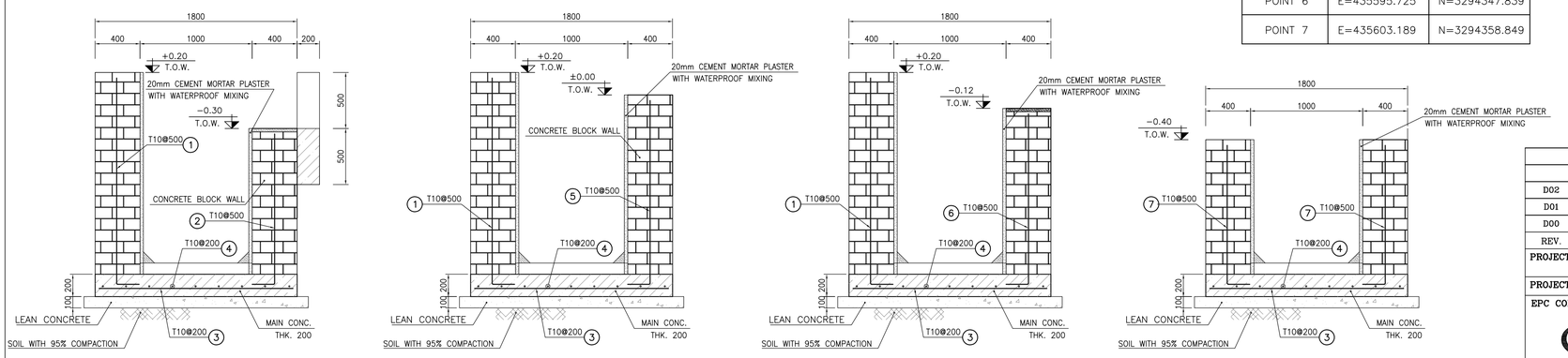
1:100 (1) MUD PIT CHANNEL



1:50 (2) FORMWORK

TABLE 4 (CORNERS COORDINATES)		
POINT 1	E=435531.149	N=3294394.757
POINT 2	E=435531.556	N=3294395.338
POINT 3	E=435521.432	N=3294399.851
POINT 4	E=435534.275	N=3294391.347
POINT 5	E=435536.405	N=3294389.856
POINT 6	E=435595.725	N=3294347.839
POINT 7	E=435603.189	N=3294358.849

BAR BENDING SCHEDULE – SEPTIC TANK					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	150 1850	2.00	143	286.0
2	T10	150 1050	1.20	54	64.8
3	T10	150 1700 150	2.00	441	882.0
4	T10	T.H	–	–	968.0
5	T10	150 1650	1.80	79	142.2
TOTAL LENGTH OR AREA (m/m2)					2343
UNIT WEIGTH (Kg)					0.617
WEIGTH (Kg)					1445.63
GRAND TOTAL (Kg)					1446



1:25 (3) FORMWORK REINFORCEMENT

1:25 (4) FORMWORK REINFORCEMENT

1:25 (5) FORMWORK REINFORCEMENT

1:25 (6) FORMWORK REINFORCEMENT

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.
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

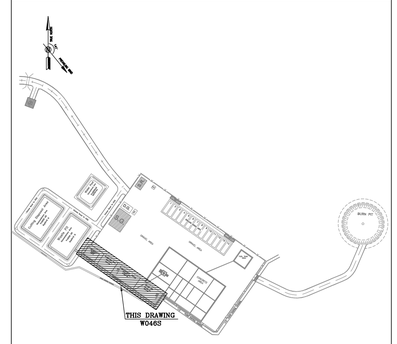
±0.00 = +57.00(R.G.L.)MSL

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

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
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 -W046S	BK-W046S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W046S	BK-W046S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
PROJECT NO.: 971020

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
MUD PIT CHANNEL FORMWORK & REINFORCEMENT PLAN-SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	08 of 46	D02

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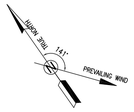
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

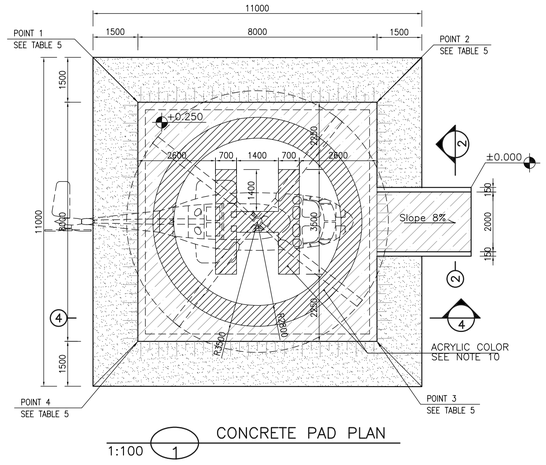
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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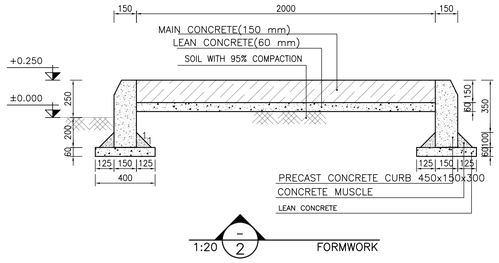
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BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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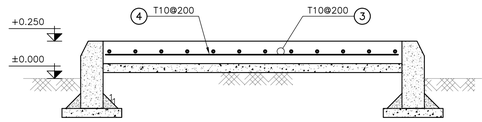




1:100 (1) CONCRETE PAD PLAN



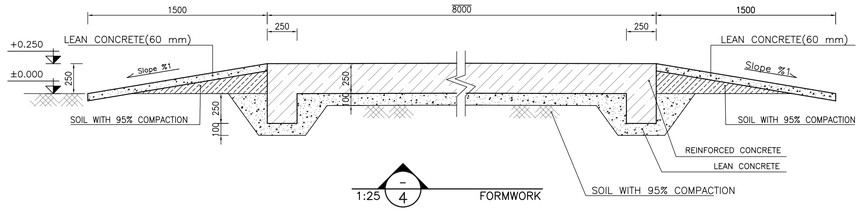
1:20 (2) FORMWORK



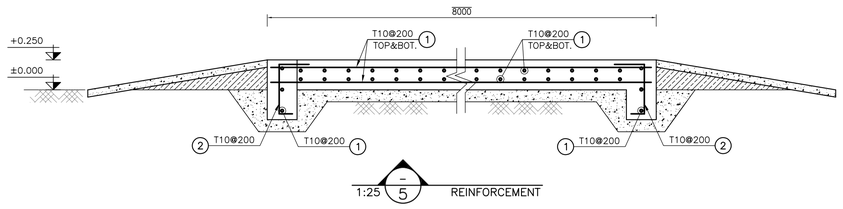
1:25 (3) REINFORCEMENT

TABLE 5 (CORNERS COORDINATES)		
POINT 1	E=435478.430	N=3294541.396
POINT 2	E=435485.943	N=3294538.646
POINT 3	E=435483.193	N=3294531.133
POINT 4	E=435475.680	N=3294533.883

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 WEIGTH (Kg)					0.617
WEIGTH (Kg)					879.93
GRAND TOTAL (Kg)					880



1:25 (4) FORMWORK



1:25 (5) REINFORCEMENT

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.
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

±0.00 = +57.00(R.G.L.)MSL

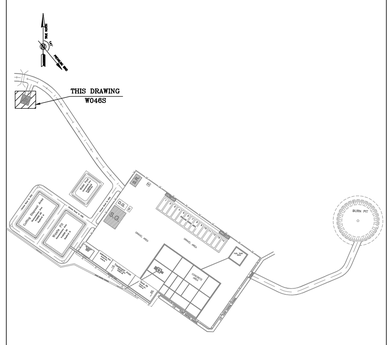
D01

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

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
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 -W046S	BK-W046S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W046S	BK-W046S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**

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

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S 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
W046S WELLHEAD FACILITIES

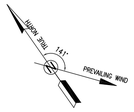
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
HELIPAD FORMWORK & REINFORCEMENT PLAN-SECTION

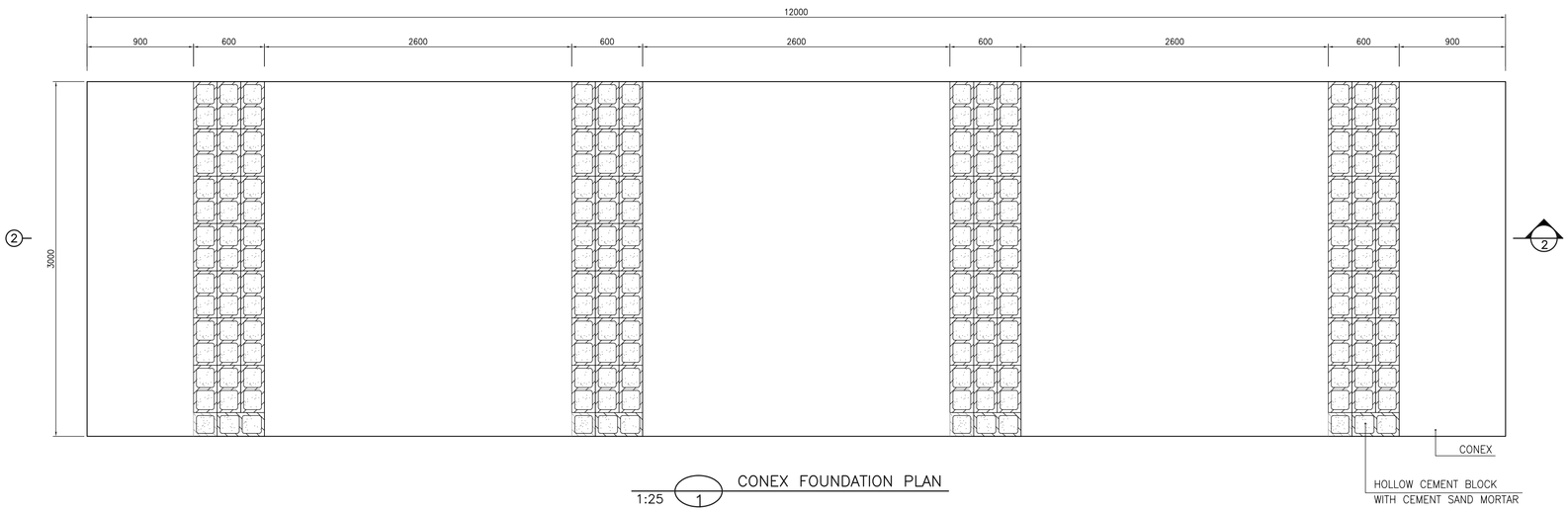
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

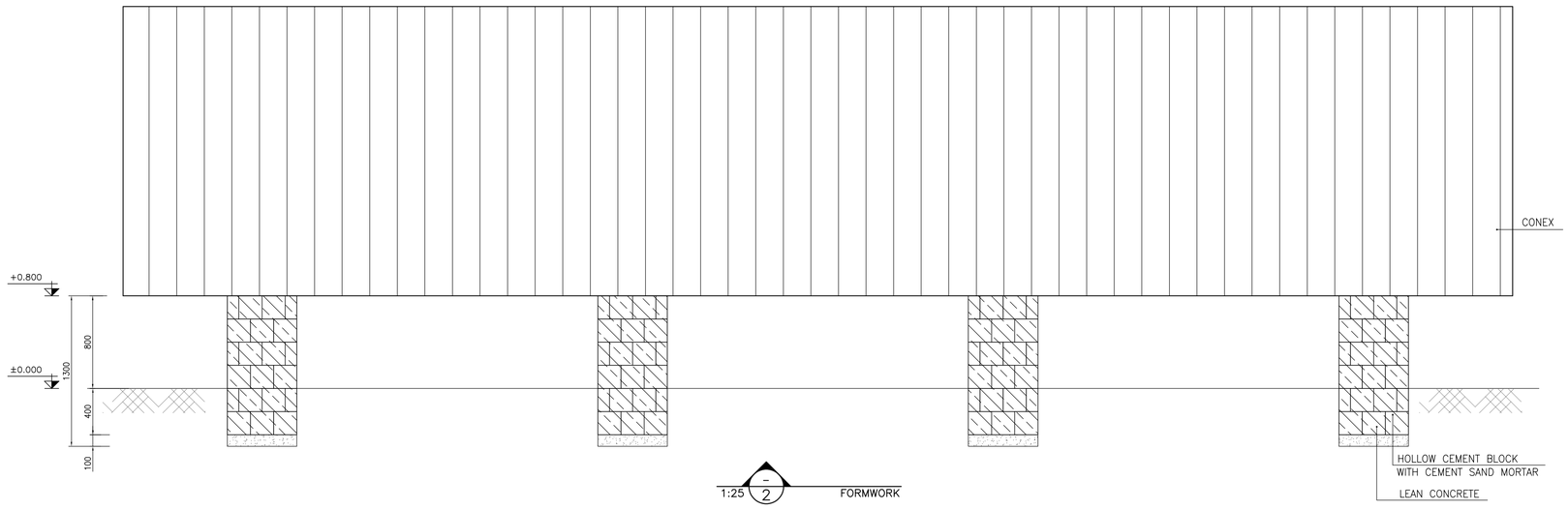
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	09 of 46	D02

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	9	D02





1:25 (1) CONEX FOUNDATION PLAN



1:25 (2) FORMWORK

NOTES

1- ALL COORDINATES ARE IN METER.
2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
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THICKNESS : 300-400 MICRON
GLOSS : DULL
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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.
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ELLIPSOID :	WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION:	UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM:	MSL

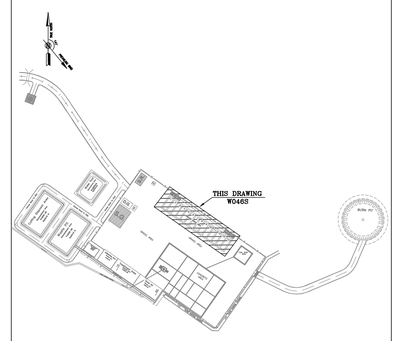
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LEGEND AND ABBREVIATION

	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
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	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
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	SLOPE	R.G.L.	ROUGH GRADING LEVEL
		T.O.CH.	TOP OF CHANNEL

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
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STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
CONEX FOUNDATION PLAN AND SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	10 of 46	D02

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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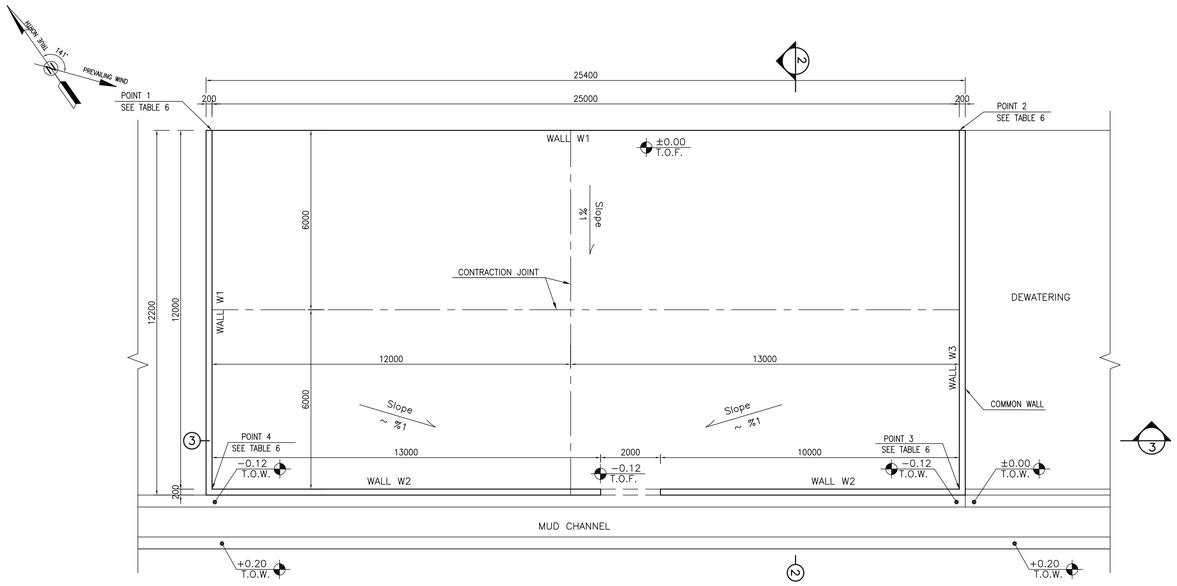
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

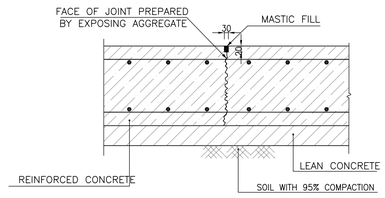
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BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	10	D02

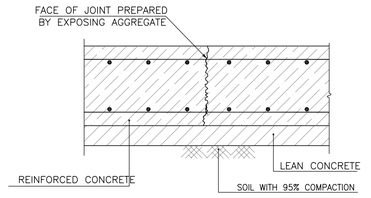


TREATMENT PAD PLAN
1:100 (1) FORMWORK

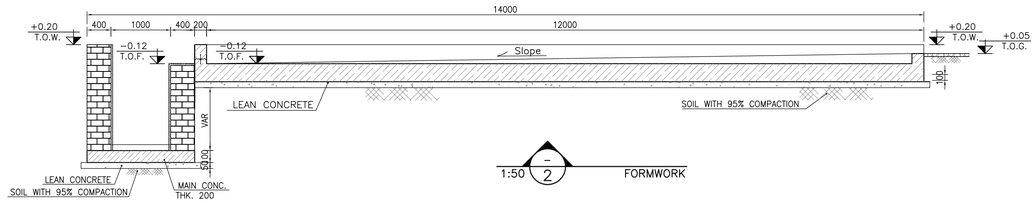
TABLE 6 (CORNERS COORDINATES)		
POINT 1	E=435561.729	N=3294388.729
POINT 2	E=435582.209	N=3294374.391
POINT 3	E=435575.327	N=3294364.561
POINT 4	E=435554.847	N=3294378.898



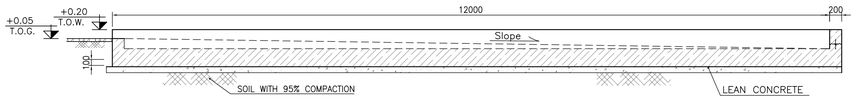
TYPICAL CONTRACTION JOINT EVERY 4000
N.T.S. (7)



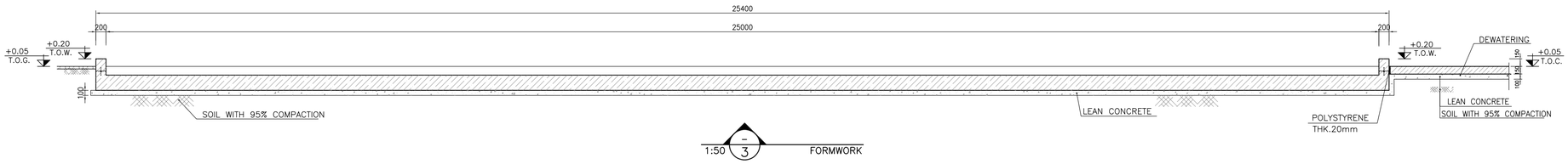
TYPICAL CONSTRUCTION JOINT
N.T.S. (8)



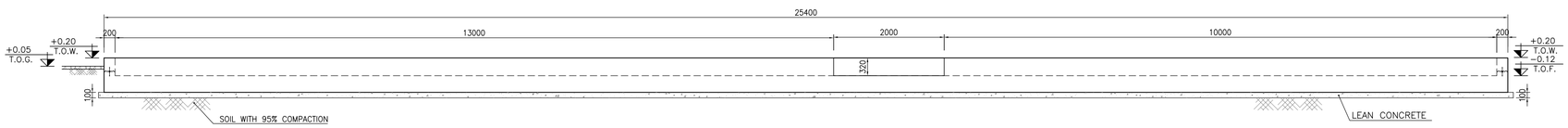
1:50 (2) FORMWORK



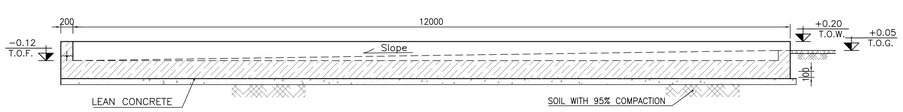
1:50 (6) WALL W1 FORMWORK



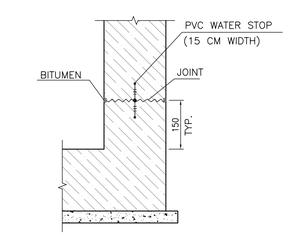
1:50 (3) FORMWORK



1:50 (4) WALL W2 FORMWORK



1:50 (5) WALL W3 FORMWORK



TYPICAL DETAIL OF WATER STOP
N.T.S. (9)

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. (D01)
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.
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

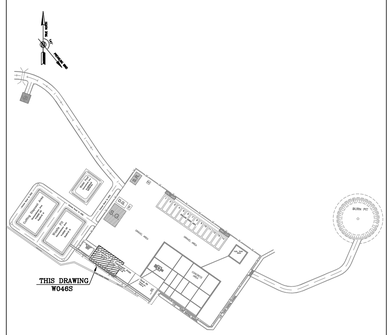
±0.00 = +57.00(R.G.L.)MSL

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

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
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 -W046S	BK-W046S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W046S	BK-W046S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	REV.	DESCRIPTION	BY	DATE	BY	DATE
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**	***	**********	**.**	***.****	**.**	***.****
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**			CHECKED		REV. APPR.	
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**						

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
PROJECT NO.: 971020

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

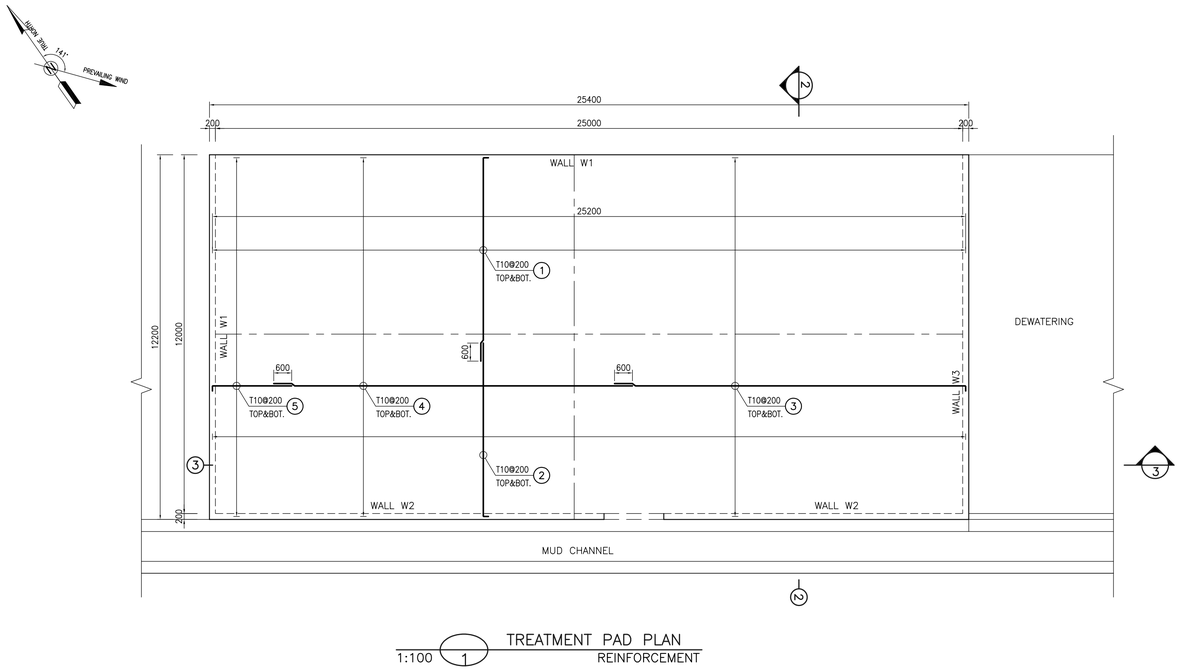
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
TREATMENT PAD FORMWORK - DETAIL & SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	11 of 46	D02

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	11	D02



1:100 1 TREATMENT PAD PLAN REINFORCEMENT

BAR BENDING SCHEDULE – TREATMENT PAD					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	150 6850	7.00	254	1778.0
2	T10	150 5850	6.00	254	1524.0
3	T10	150 11850	12.00	122	1464.0
4	T10	12000	12.00	122	1464.0
5	T10	150 2650	2.800	122	341.6
6	T10	150 11850	12.00	2	24.0
7	T10	150 1850	2.00	2	4.00
8	T10	150 4000 150	10.40	2	20.80
9	T10	150 520	0.67	119	79.73
10	T10	150 3850	4.00	2	8.00
11	T10	150 8850	9.00	4	36.0
12	T10	150 520	0.67	244	163.48
13	T10	150 3850	4.00	2	8.00
14	T10	150 220	0.37	61	22.57
TOTAL LENGTH OR AREA (m)					6938.18
UNIT WEIGTH (Kg/m)					0.617
WEIGTH (Kg)					4280.86
GRAND TOTAL (Kg)					4300

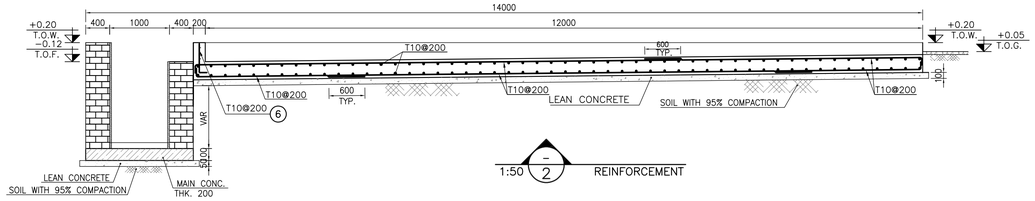
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THICKNESS : 300–400 MICRON
GLOSS : DULL
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SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
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ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL

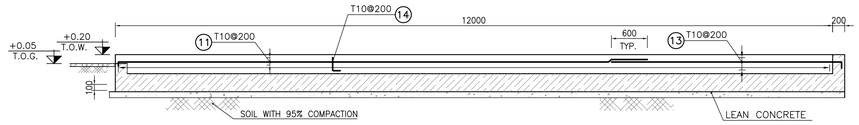
±0.00 = +57.00(R.G.L.)MSL

LEGEND AND ABBREVIATION

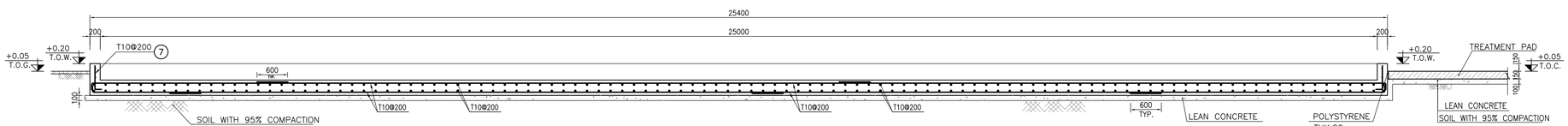
	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
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	SLOPE	R.G.L.	ROUGH GRADING LEVEL
		T.O.CH.	TOP OF CHANNEL



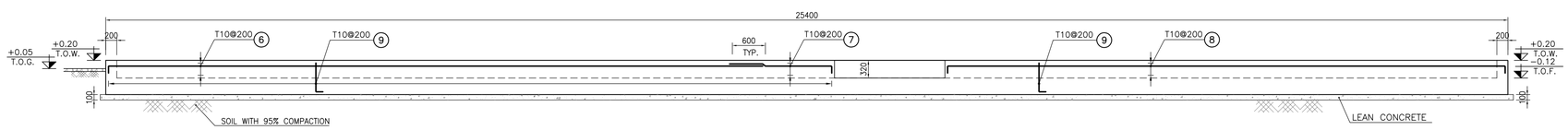
1:50 2 REINFORCEMENT



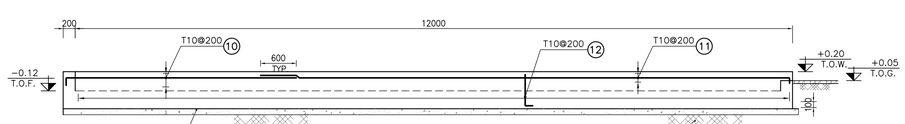
1:50 6 WALL W1 REINFORCEMENT



1:50 3 REINFORCEMENT



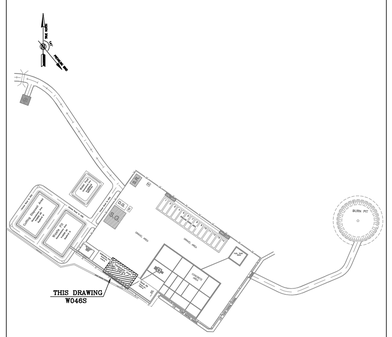
1:50 4 WALL W2 REINFORCEMENT



1:50 5 WALL W3 REINFORCEMENT

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK–GNRAL–PEDCO–000–CV–SP–0003
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 –W046S	BK–W046S–PEDCO–110–CV–PY–0001
ROUGH GRADING PLANS –W046S	BK–W046S–PEDCO–110–CV–DW–0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK–GNRAL–PEDCO–000–CV–DW–0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK–GNRAL–PEDCO–000–CV–DW–0040

KEY PLAN



REV.	DATE	DESCRIPTION	BY	DATE	BY	DATE
			CHECKED		REV. APPR.	
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

*** ********** **.** ***.**** **.** ***.****

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB–SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
PROJECT NO.: 971020

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

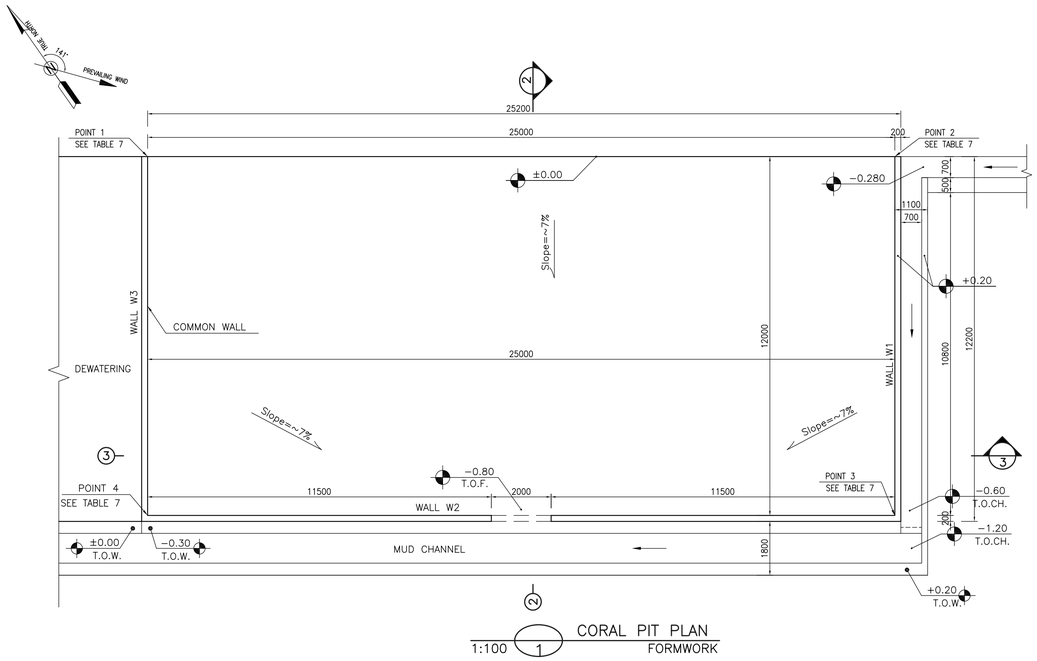
BINAK OILFIELD DEVELOPMENT
SUB–SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

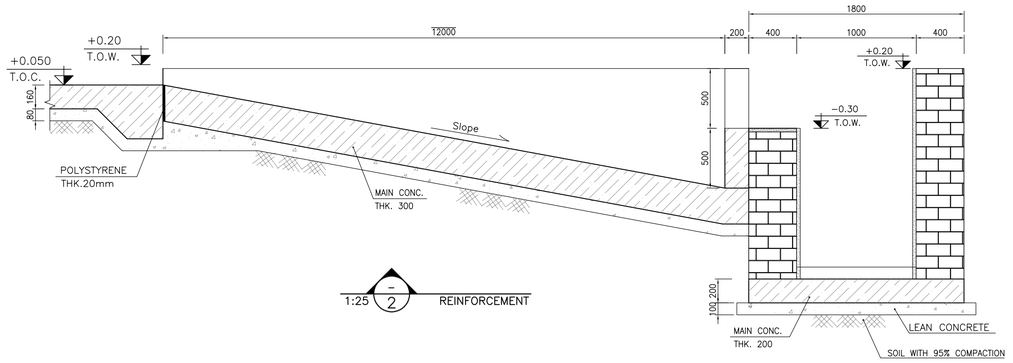
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS–W046S
TREATMENT PAD REINFORCEMENT – DETAIL & SECTION

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

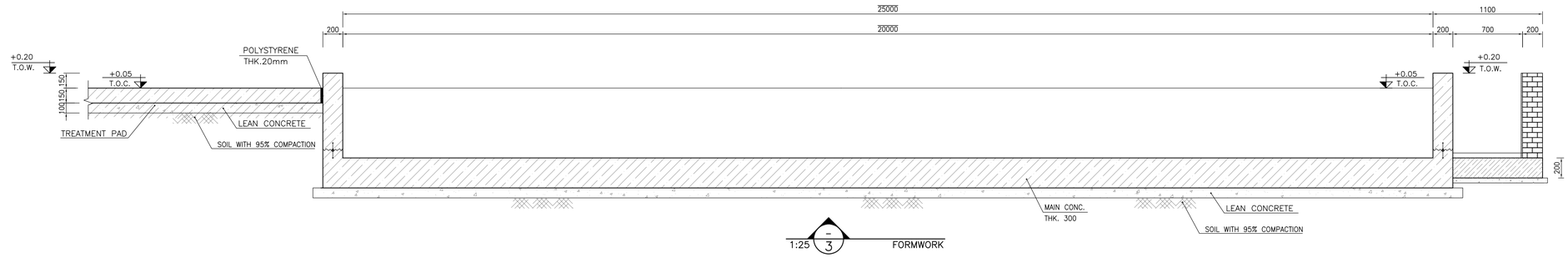
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK–W046S–PEDCO–110–CV–PY–0002	12 of 46	D02	053–073–9184	F	4	S	707654	12	D02



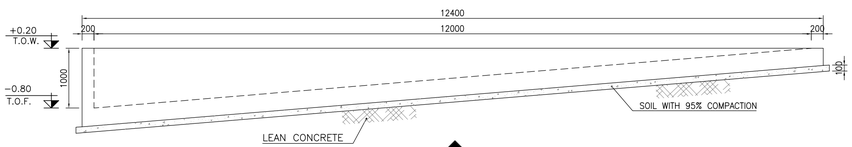
CORAL PIT PLAN
1:100 1 FORMWORK



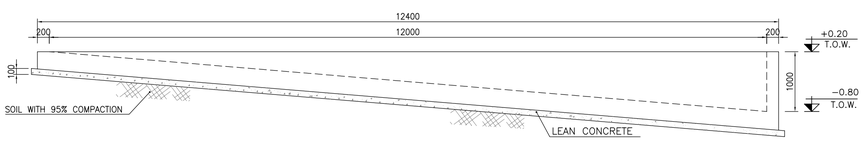
1:25 2 REINFORCEMENT



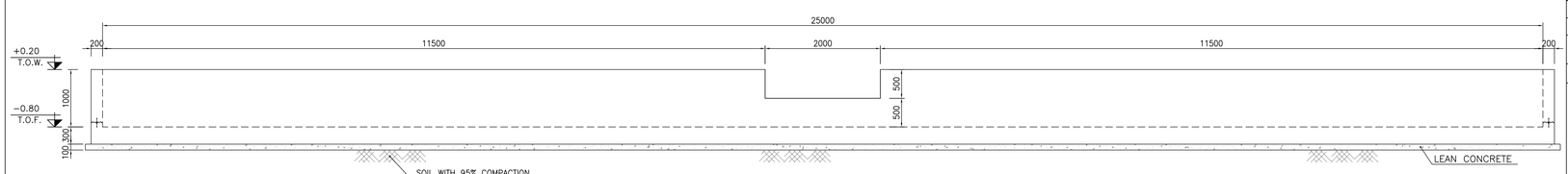
1:25 3 FORMWORK



1:50 4 WALL W1 FORMWORK



1:50 5 WALL W3 FORMWORK



1:50 6 WALL W2 FORMWORK

TABLE 7 (CORNERS COORDINATES)		
POINT 1	E=435582.373	N=3294374.277
POINT 2	E=435602.853	N=3294359.939
POINT 3	E=435595.971	N=3294350.108
POINT 4	E=435575.491	N=3294364.446

NOTES

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

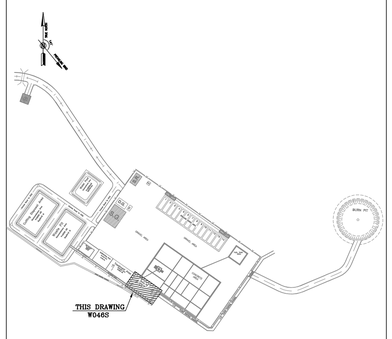
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SUB GRADE	B.O.P.	BOTTOM OF PIPE
SLOPE	R.G.L.	ROUGH GRADING LEVEL
	T.O.CH.	TOP OF CHANNEL

REFERENCE DRAWING	DRG. No.
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STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	REV.	DESCRIPTION	BY	DATE	BY	DATE
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**	***	**********	**.**	***.****	**.**	***.****
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PROJECT NO.: 971020

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

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

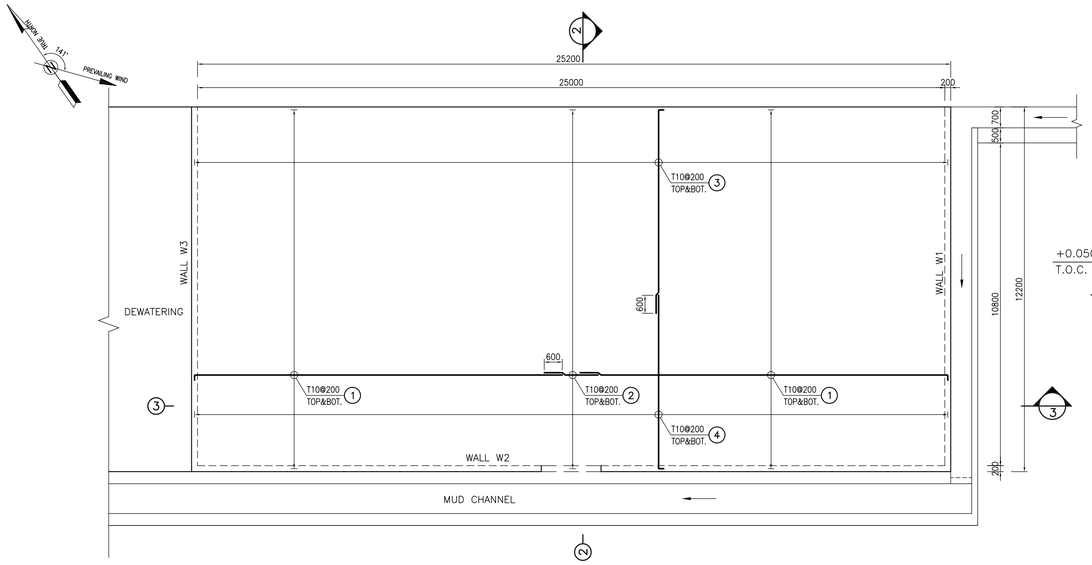
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
CORAL PIT FORMWORK - DETAIL & SECTION

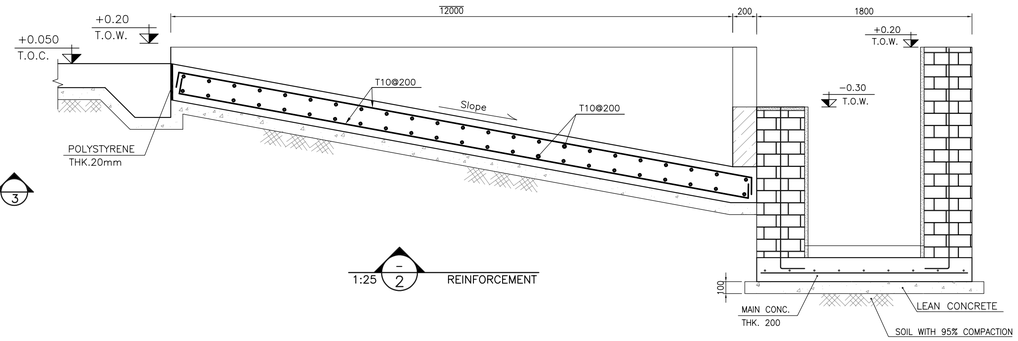
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APPROVED FOR CONSTRUCTION | BY: | DATE:

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AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	13 of 46	D02

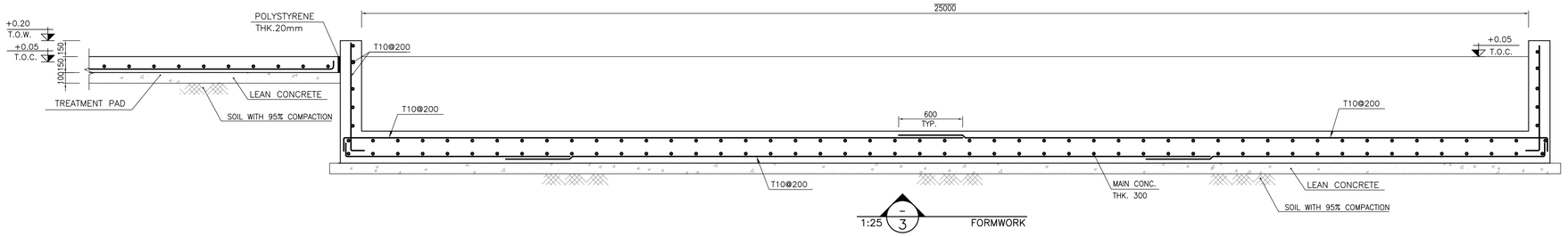
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053-073-9184	F	4	S	707654	13	D02



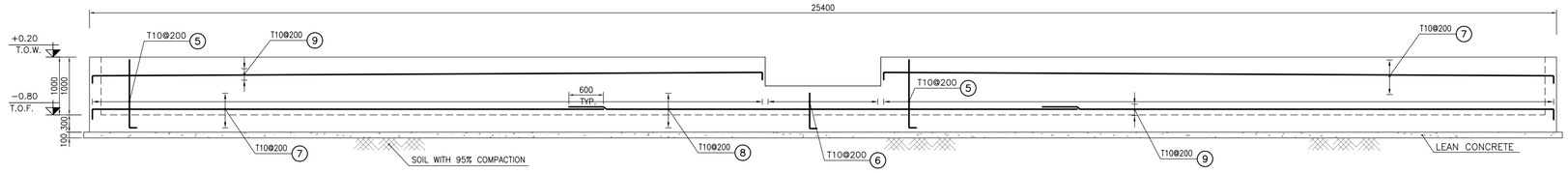
1:100 (1) CORAL PIT PLAN REINFORCEMENT



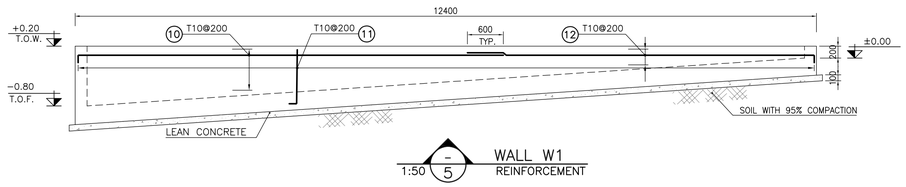
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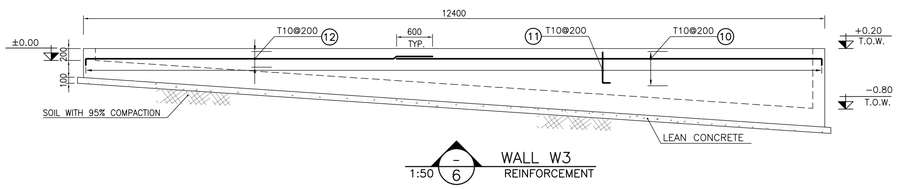
1:25 (3) FORMWORK



1:50 (4) WALL W2 REINFORCEMENT



1:50 (5) WALL W1 REINFORCEMENT



1:50 (6) WALL W3 REINFORCEMENT

BAR BENDING SCHEDULE – CORAL PIT					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	150 | 11850	12.00	244	2928.0
2	T10	1800	1.80	122	219.6
3	T10	150 | 6850	7.00	254	1778.0
4	T10	150 | 5850	6.00	254	1524.0
5	T10	150 | 11850	12.00	178	2136.0
6	T10	150 | 3950	5.50	22	121.0
7	T10	150 | 8850	9.00	6	54.0
8	T10	150 | 8650	8.80	3	26.40
9	T10	150 | 11700 | 150	12.00	4	48.00
10	T10	150 | 7100 | 150	7.25	8	58.0
11	T10	150 | 520	0.67	122	81.74
12	T10	150 | 5850	6.00	6	36.0
TOTAL LENGTH OR AREA (m)					17103.0
UNIT WEIGTH (Kg/m)					0.617
WEIGTH (Kg)					10552.55
GRAND TOTAL (Kg)					10553

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. D01
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.
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

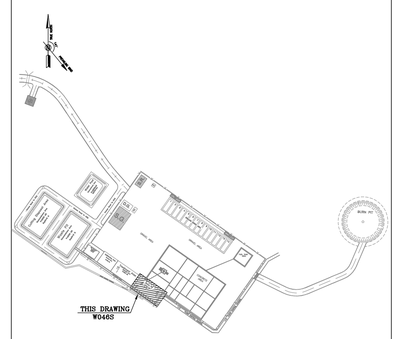
±0.00 = +57.00(R.G.L.)MSL

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

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
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 -W046S	BK-W046S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W046S	BK-W046S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**

REV.	DESCRIPTION	CHECKED BY	CHECKED DATE	APPR. BY	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 W046S 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
W046S WELLHEAD FACILITIES

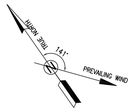
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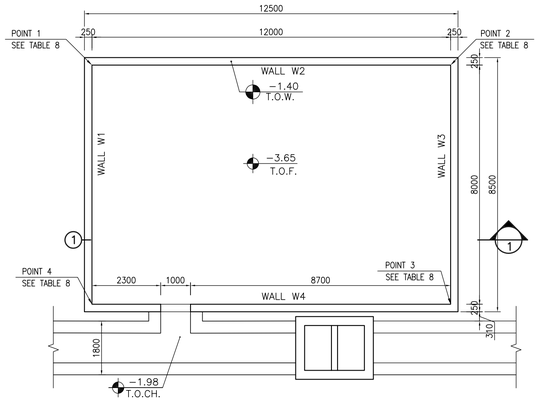
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
CORAL PIT REINFORCEMENT PLAN – DETAIL & SECTION

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

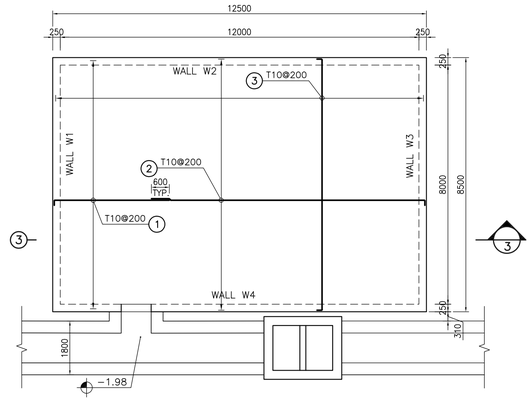
APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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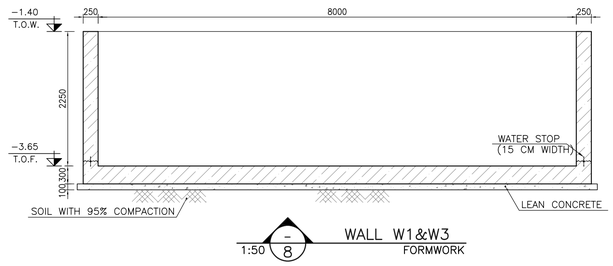




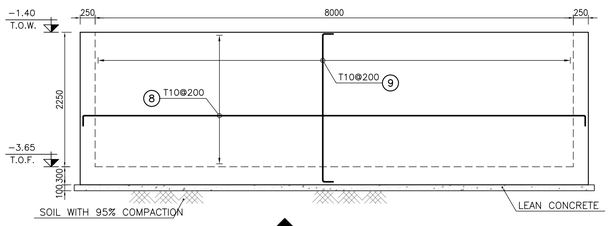
1:100 (1) OBM WASTE PIT PLAN FORMWORK



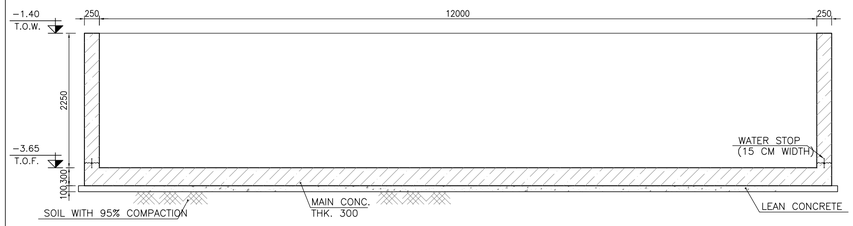
1:100 (2) OBM WASTE PIT PLAN REINFORCEMENT



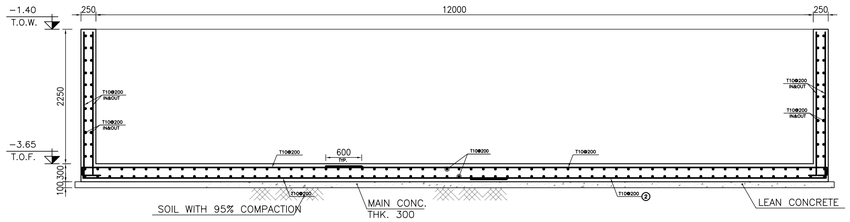
1:50 (8) WALL W1&W3 FORMWORK



1:50 (8) WALL W1&W3 REINFORCEMENT



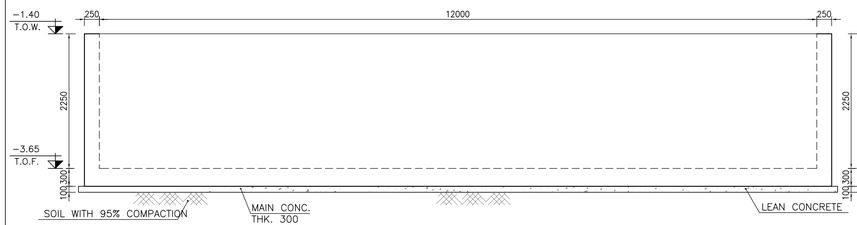
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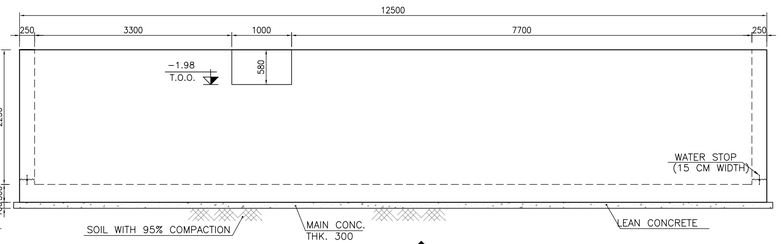
1:50 (3) REINFORCEMENT

TABLE 8 (CORNERS COORDINATES)		
POINT 1	E=435534.404	N=3294403.416
POINT 2	E=435544.234	N=3294396.534
POINT 3	E=435539.646	N=3294389.980
POINT 4	E=435529.816	N=3294396.862

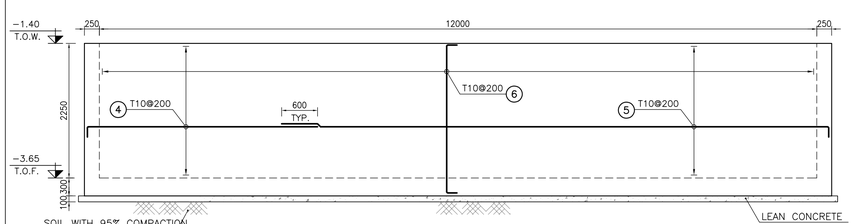
BAR BENDING SCHEDULE – OBM WASTE PIT					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	150 3850	4.00	86	344.0
2	T10	150 9150	9.30	86	799.8
3	T10	150 8400 150	8.70	126	1096.2
4	T10	150 3850	4.00	30	12.0
5	T10	150 9150	9.30	30	279.0
6	T10	150 2650 150	2.80	242	677.6
7	T10	150 2050 150	2.20	12	26.4
8	T10	150 8400 150	8.70	48	417.6
9	T10	150 2650 150	2.80	172	481.6
TOTAL LENGTH OR AREA (m)					4134.2
UNIT WEIGTH (Kg/m)					0.617
WEIGTH (Kg)					2550.80
GRAND TOTAL (Kg)					2600



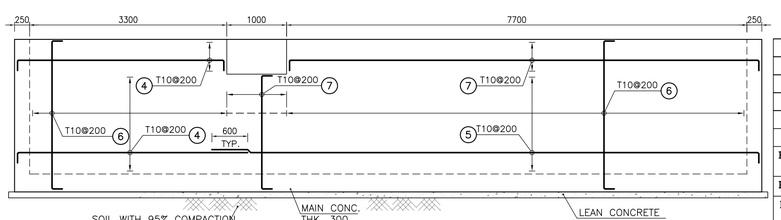
1:50 (4) WALL W2 FORMWORK



1:50 (5) WALL W4 FORMWORK



1:50 (6) WALL W2 REINFORCEMENT



1:50 (7) WALL W4 REINFORCEMENT

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. D01
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.
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

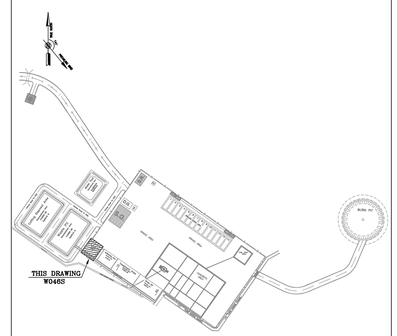
±0.00 = +57.00(R.G.L.)MSL

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

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
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 -W046S	BK-W046S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W046S	BK-W046S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	REV.	DESCRIPTION	BY	DATE	BY	DATE
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**	***	**********	**.**	***.****	**.**	***.****
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**			CHECKED		REV. APPR.	
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**						

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
PROJECT NO.: 971020

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

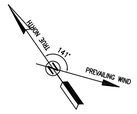
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
OBM WASTE PIT FORMWORK & REINFORCEMENT PLAN-SECTION

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

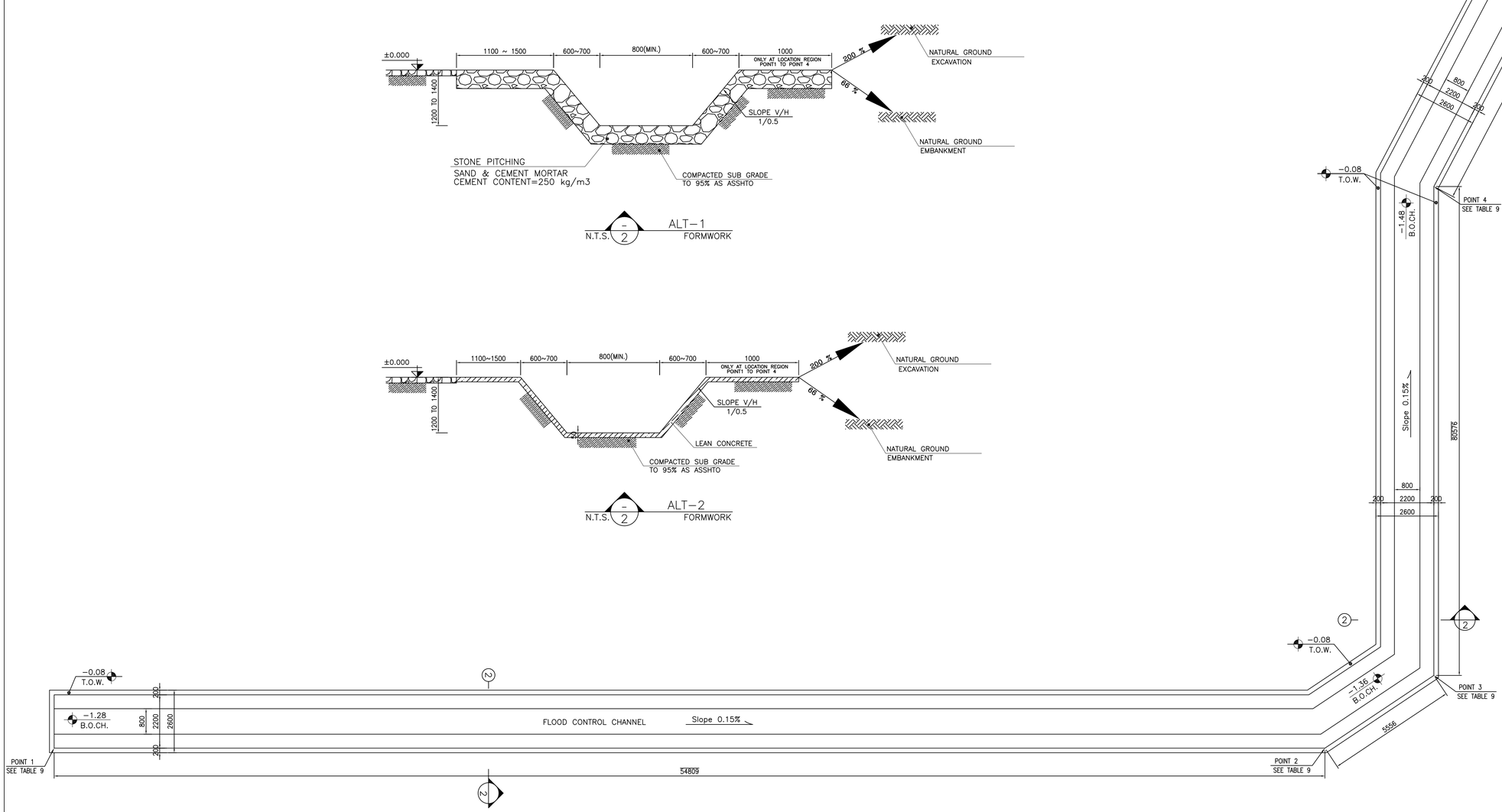
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	15 of 46	D02	053-073-9184	F	4	S	707654	15	D02



ALT-1
N.T.S. 2 FORMWORK

ALT-2
N.T.S. 2 FORMWORK



FLOOD CHANNEL PLAN
N.T.S. 1

TABLE 9 (CORNERS COORDINATES)		
POINT 1	E=435603.771	N=3294353.803
POINT 2	E=435648.670	N=3294322.370
POINT 3	E=435654.224	N=3294322.246
POINT 4	E=435700.435	N=3294388.255
POINT 5	E=435710.869	N=3294393.970

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)
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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.
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

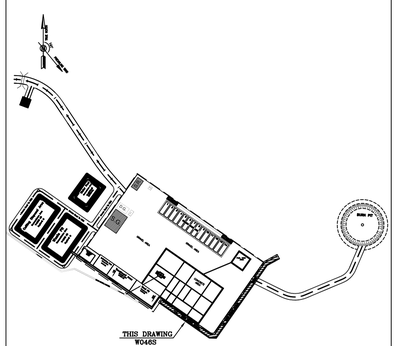
±0.00 = +57.00(R.G.L.)MSL

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

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
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 -W046S	BK-W046S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W046S	BK-W046S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040

KEY PLAN



D02 Totally Revised.

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**

REV.	DESCRIPTION	CHECKED BY	DATE	REV. APPR. BY	DATE
D02	**********	**.**	***.****	**.**	***.****

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
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
W046S WELLHEAD FACILITIES

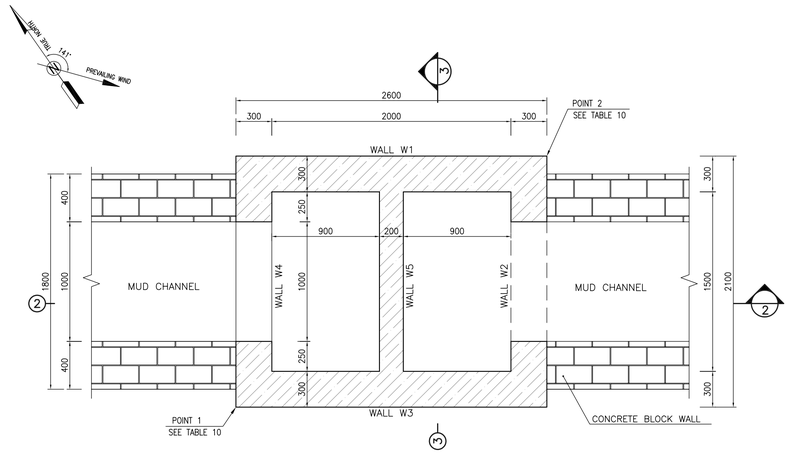
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
WATER CHANNEL FORMWORK PLAN-SECTION

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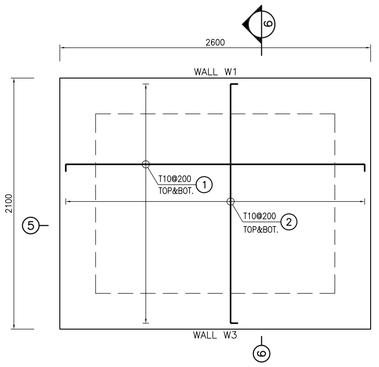
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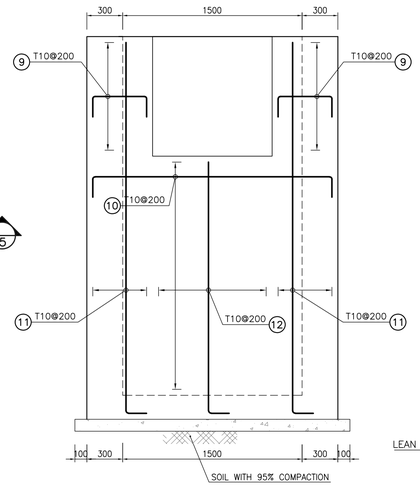
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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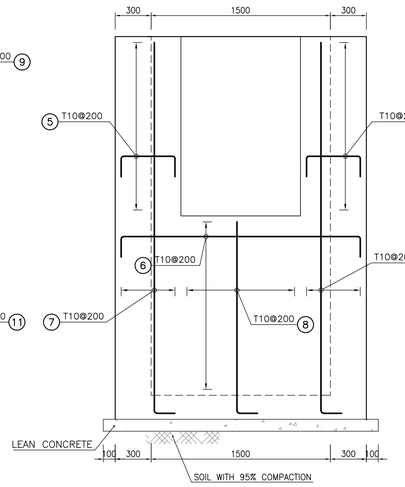
1:25 (1) OIL TRAP PIT PLAN FORMWORK



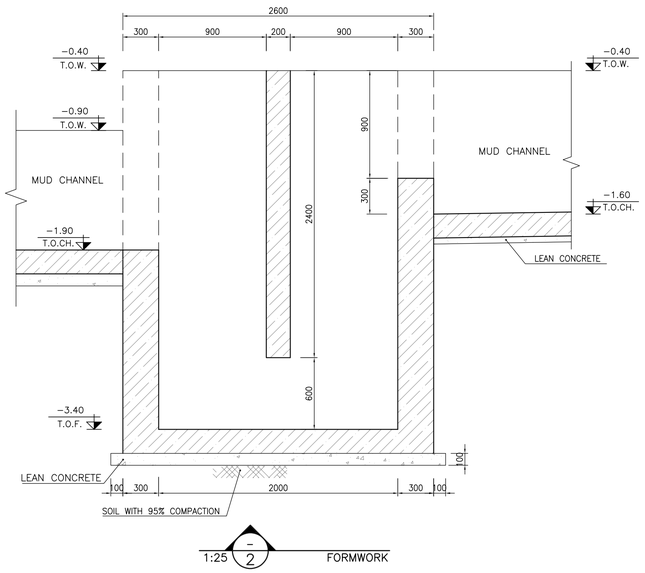
1:25 (4) OIL TRAP PIT PLAN FORMWORK



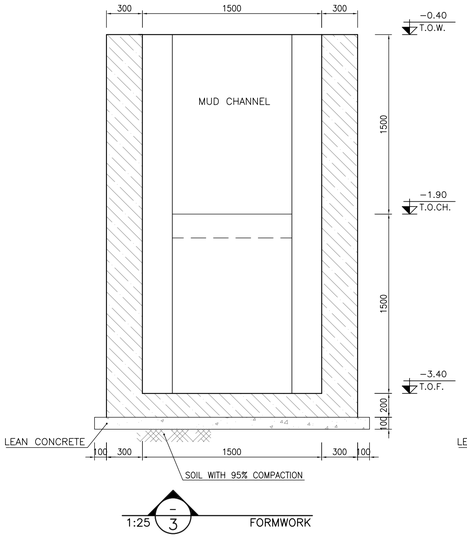
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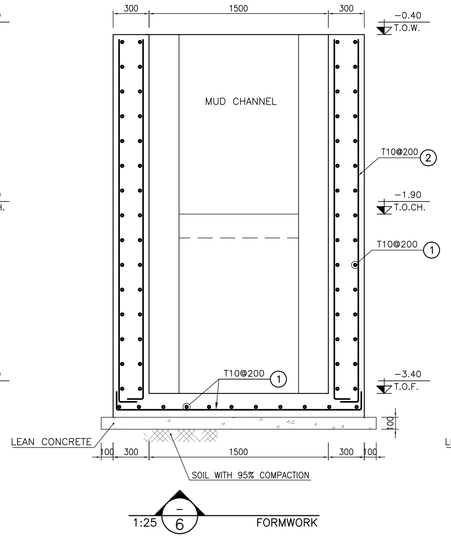
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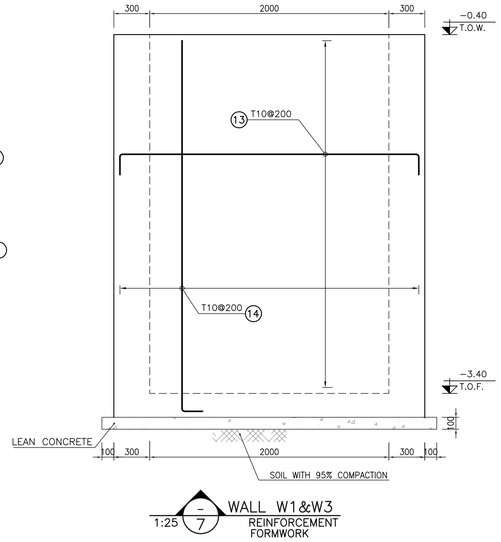
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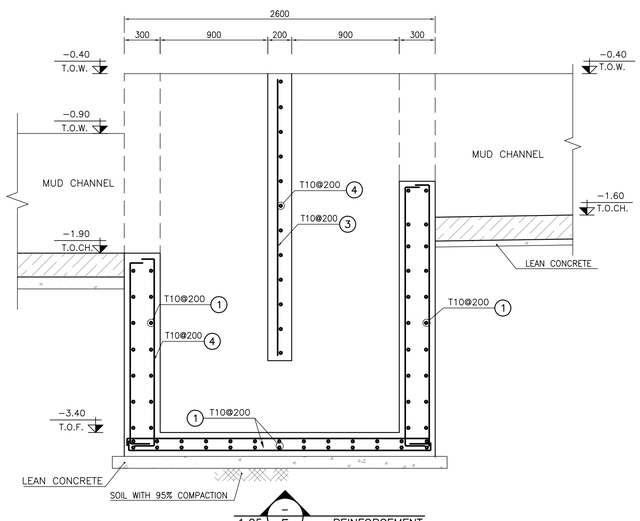
1:25 (3) FORMWORK



1:25 (6) FORMWORK



1:25 (7) WALL W1&W3 REINFORCEMENT FORMWORK



1:25 (5) REINFORCEMENT

BAR BENDING SCHEDULE – OIL TRAP PIT

Pos	Spec.	Shape	L/A	No.	T10
10	T10	150 2000 150	2.30	22	50.6
11	T10	150 1860	2.01	16	32.16
12	T10	150 2100	2.25	12	27.0
13	T10	150 2500 150	2.80	64	179.2
14	T10	150 2900	3.05	56	170.8
TOTAL LENGTH OR AREA (m/m2)					767.32
UNIT WEIGTH (Kg)					0.617
WEIGTH (Kg)					473.44
GRAND TOTAL (Kg)					474

BAR BENDING SCHEDULE – OIL TRAP PIT

Pos	Spec.	Shape	L/A	No.	T10
1	T10	150 2500 150	2.80	24	67.20
2	T10	150 2000 150	2.30	26	59.80
3	T10	150 2300 150	2.60	13	33.80
4	T10	150 1850	2.00	8	16.0
5	T10	150 450 150	0.75	28	21.0
6	T10	150 2150	2.30	16	36.8
7	T10	150 1860	2.01	16	32.16
8	T10	150 1750	1.90	12	22.80
9	T10	150 450 150	0.75	24	18.0

TABLE 10
(CORNERS COORDINATES)

POINT 1	E=435533.960	N=3294390.897
POINT 2	E=435537.294	N=3294391.126

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.
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

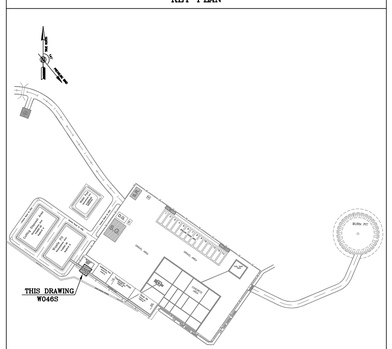
±0.00 = +57.00(R.G.L.)MSL

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

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
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 -W046S	BK-W046S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W046S	BK-W046S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
PROJECT NO.: 971020

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
OIL TRAP PIT FORMWORK & REINFORCEMENT PLAN-SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	17 of 46	D02

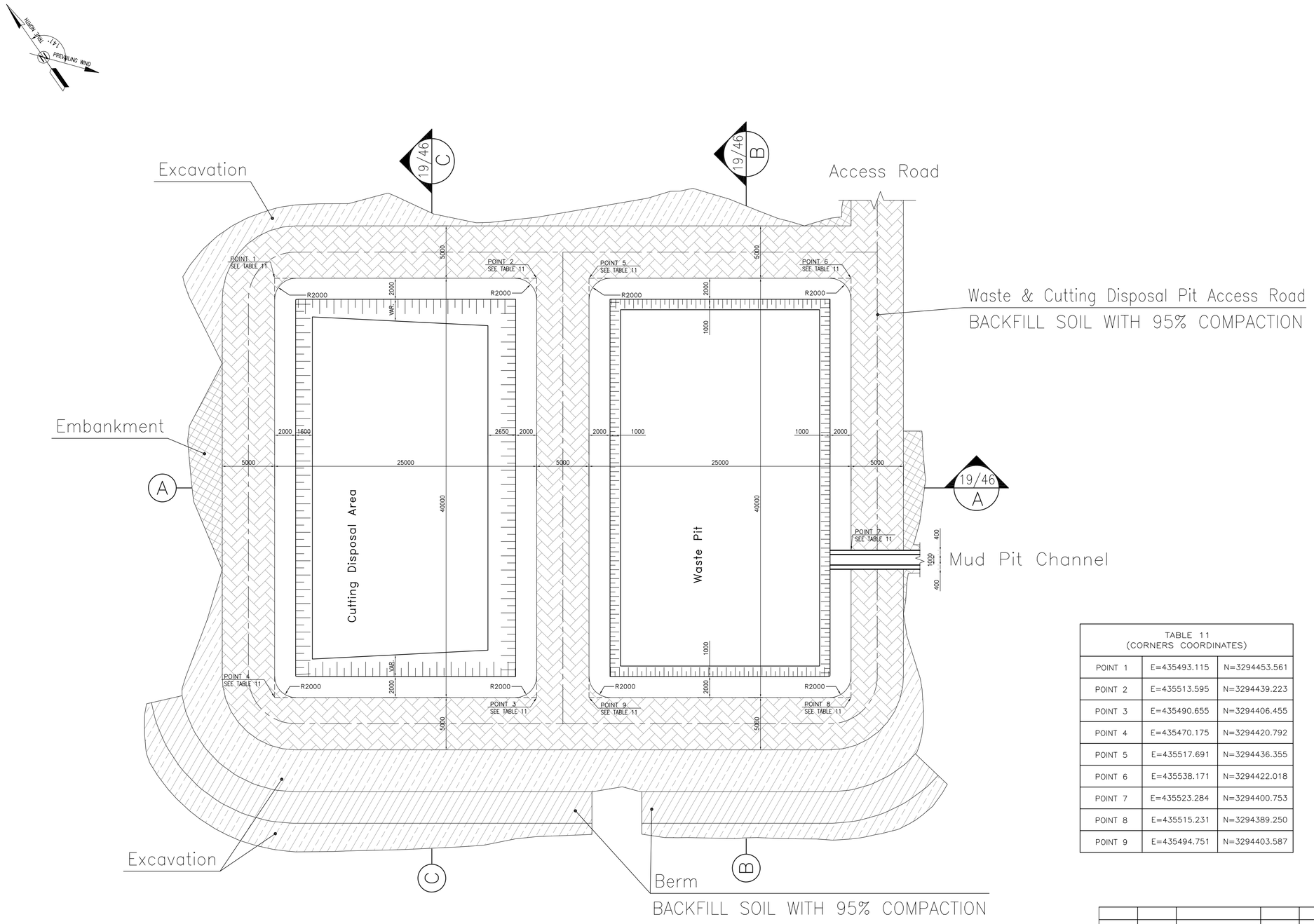
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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	17	D02



WASTE PIT & CUTTING DISPOSAL AREA PLAN

1:200 (1)

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. D01

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.

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

±0.00 = +57.00(R.G.L.)MSL

LEGEND AND ABBREVIATION

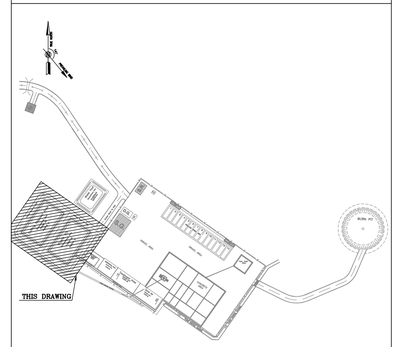
	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
	GRAVEL	T.O.PIT	TOP OF PIT
	SUB GRADE	B.O.P.	BOTTOM OF PIPE
	SLOPE	R.G.L.	ROUGH GRADING LEVEL
	Excavation	T.O.CH.	TOP OF CHANNEL
	Embankment		

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
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 -W046S	BK-W046S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W046S	BK-W046S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040

TABLE 11
(CORNERS COORDINATES)

POINT 1	E=435493.115	N=3294453.561
POINT 2	E=435513.595	N=3294439.223
POINT 3	E=435490.655	N=3294406.455
POINT 4	E=435470.175	N=3294420.792
POINT 5	E=435517.691	N=3294436.355
POINT 6	E=435538.171	N=3294422.018
POINT 7	E=435523.284	N=3294400.753
POINT 8	E=435515.231	N=3294389.250
POINT 9	E=435494.751	N=3294403.587

KEY PLAN



REV.	DATE	DESCRIPTION	CHECKED	APPR.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S 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
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

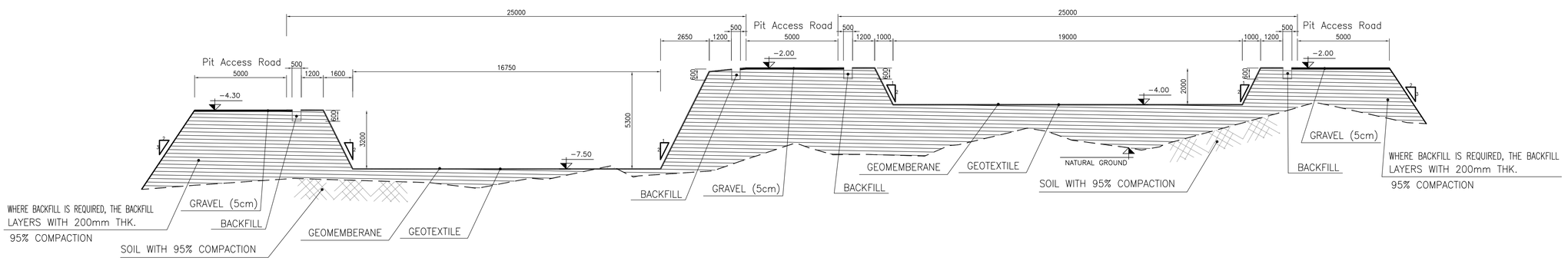
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
WASTE PIT & CUTTING DISPOSAL AREA PLAN

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

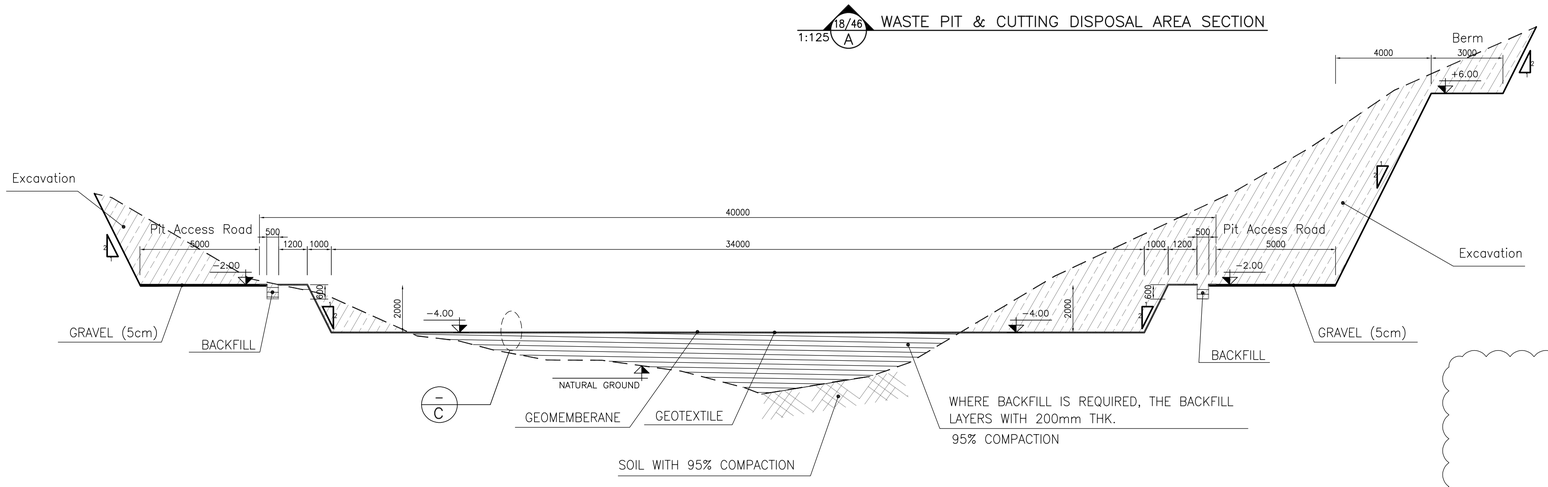
APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	18 of 46	D02

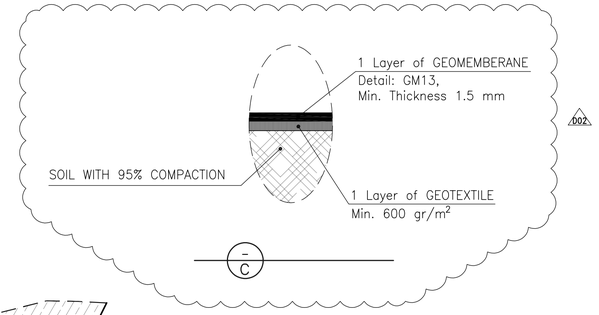
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	18	D02

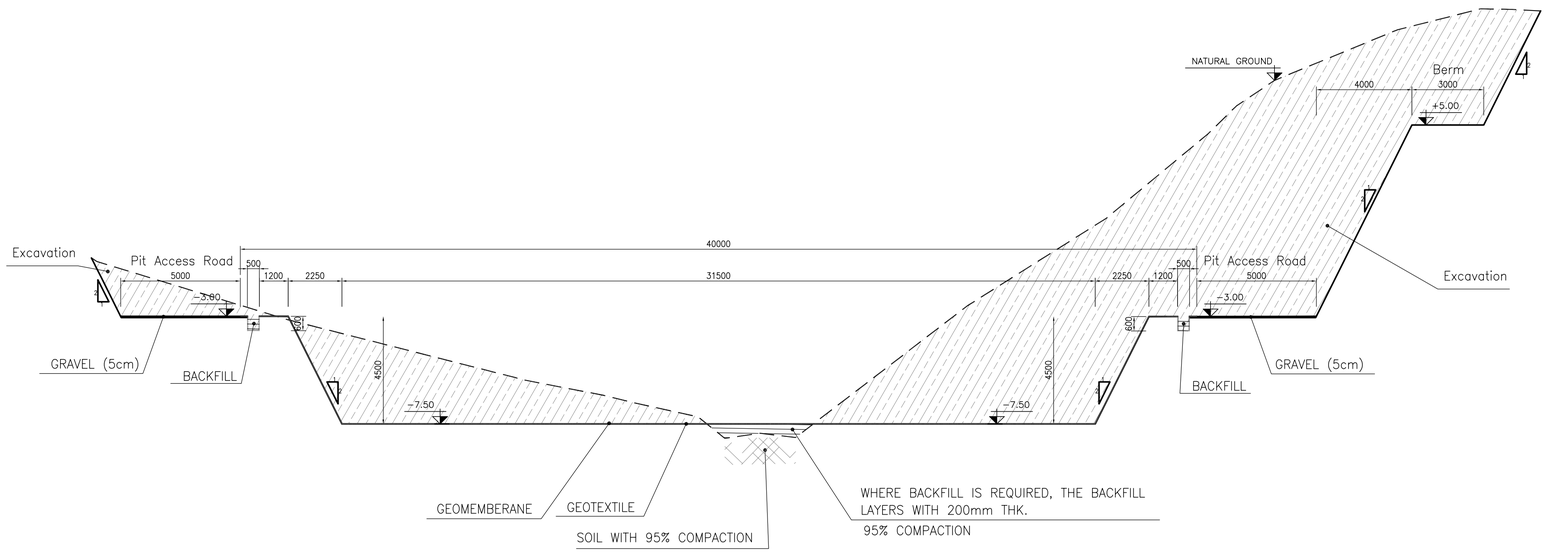


18/46 A 1:125 WASTE PIT & CUTTING DISPOSAL AREA SECTION



18/46 B 1:125 WASTE PIT SECTION





18/46 C 1:125 CUTTING DISPOSAL AREA SECTION

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. D01
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)
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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.
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

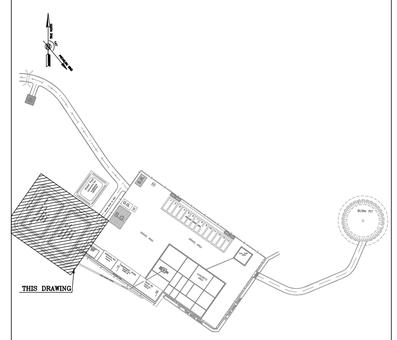
±0.00 = +57.00(R.G.L.)MSL

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	T.O.PIT	TOP OF PIT
SUB GRADE	B.O.P.	BOTTOM OF PIPE
SLOPE	R.G.L.	ROUGH GRADING LEVEL
Excavation	T.O.CH.	TOP OF CHANNEL
Backfill		

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
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 -W046S	BK-W046S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W046S	BK-W046S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES

PROJECT NO.: 971020

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

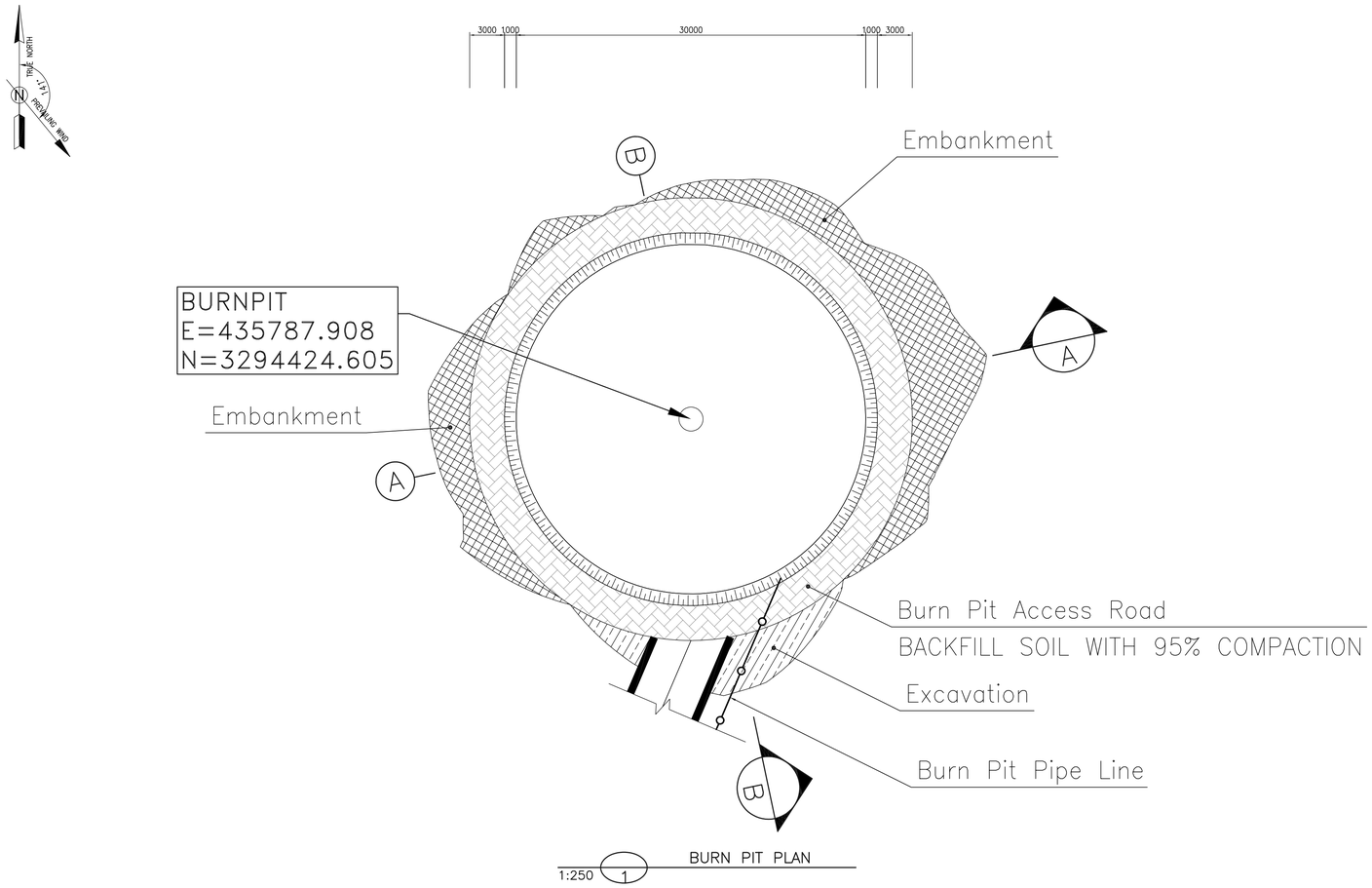
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
WASTE PIT & CUTTING DISPOSAL AREA SECTIONS

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

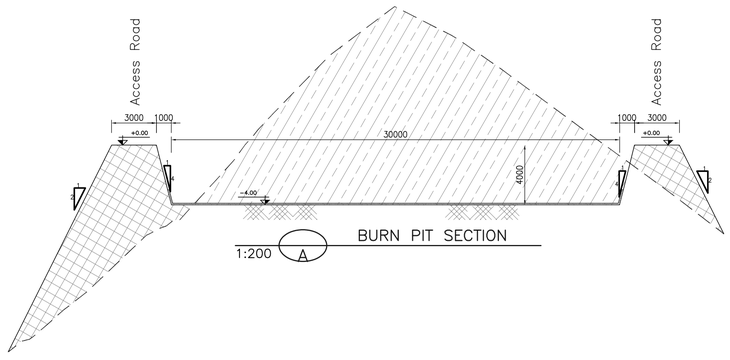
APPROVED FOR CONSTRUCTION BY: DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	19 of 46	D02

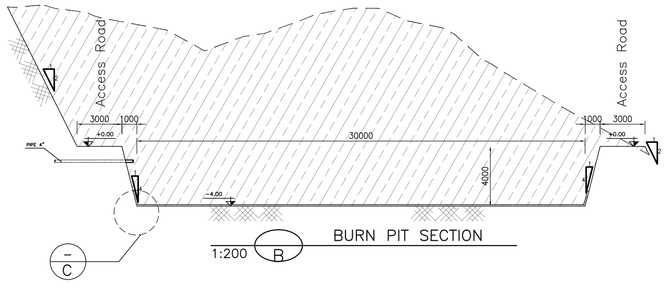
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	19	D02



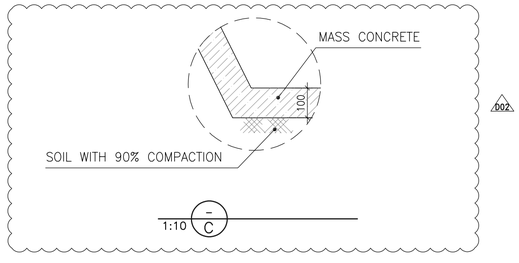
1:250 (1) BURN PIT PLAN



1:200 (A) BURN PIT SECTION



1:200 (B) BURN PIT SECTION



1:10 (C)

D02

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. D01
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.
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

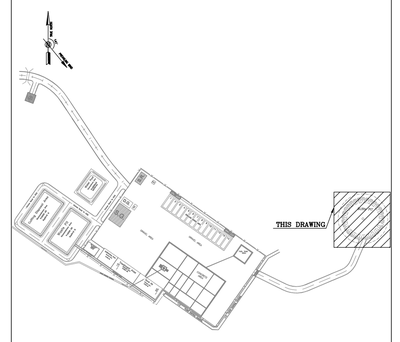
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LEGEND AND ABBREVIATION

	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	T.O.PIT	TOP OF PIT
	SUB GRADE	B.O.P.	BOTTOM OF PIPE
	SLOPE	R.G.L.	ROUGH GRADING LEVEL
	Excavation	T.O.CH.	TOP OF CHANNEL
	Embankment		

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
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 -W046S	BK-W046S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W046S	BK-W046S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**

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

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S 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
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

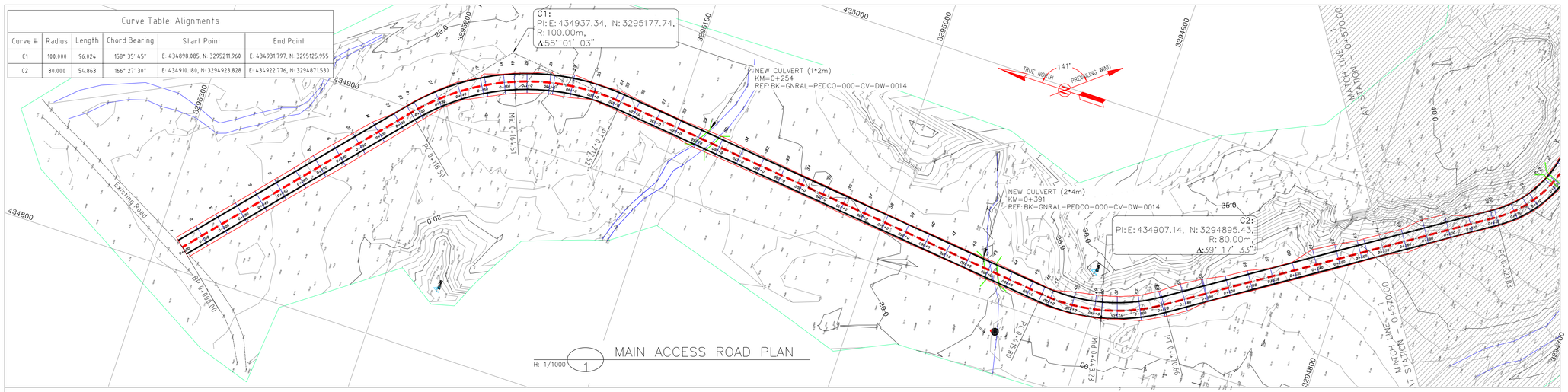
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
BURN PIT PLAN-SECTIONS

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	20 of 46	D02

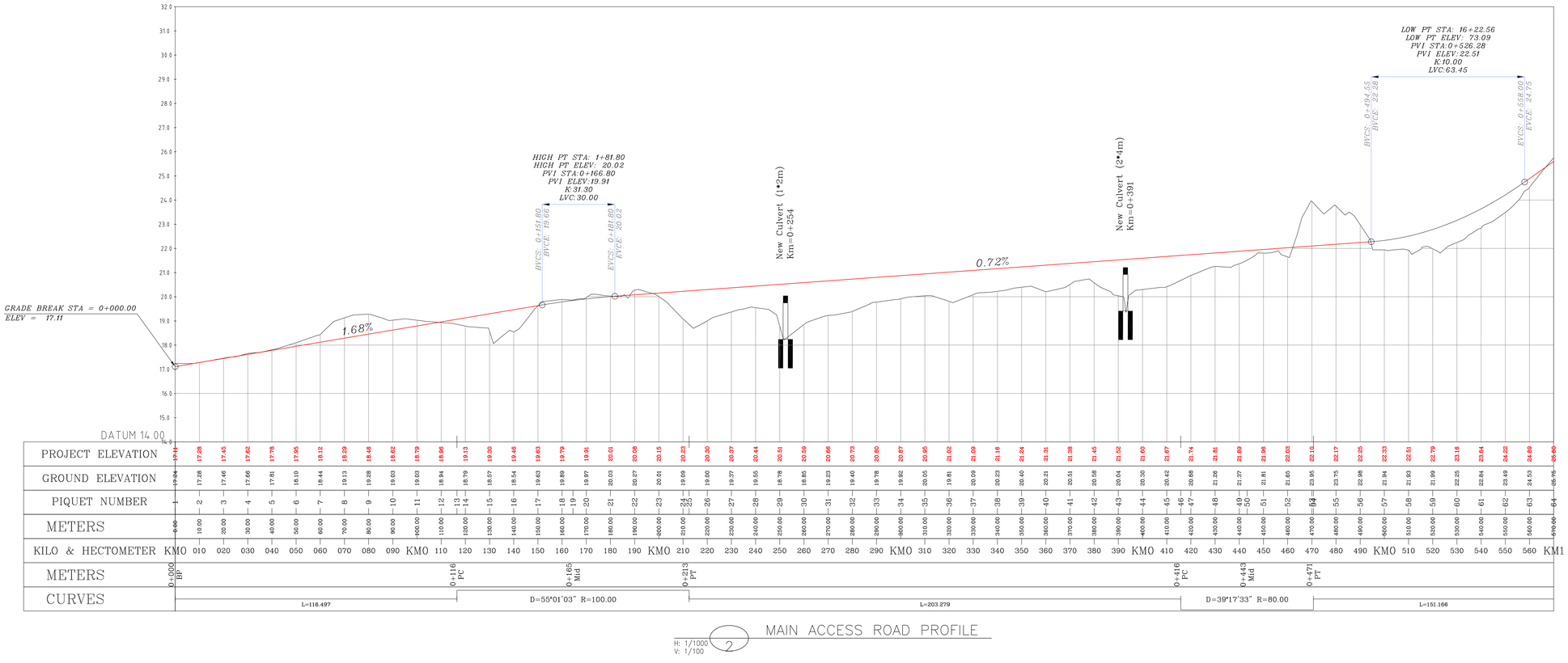
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	20	D02

Curve Table: Alignments					
Curve #	Radius	Length	Chord Bearing	Start Point	End Point
C1	100.000	96.024	158° 35' 45"	E: 434898.085, N: 3295211.960	E: 434931.797, N: 3295125.955
C2	80.000	54.863	166° 27' 30"	E: 434910.180, N: 3294923.828	E: 434922.776, N: 3294871.530



MAIN ACCESS ROAD PLAN

H: 1/1000 — 1



MAIN ACCESS ROAD PROFILE

H: 1/1000
V: 1/100
2

Bench Mark List			
Name	Easting(m)	Northing(m)	Elevation(m)
BM46	434828.378	3295176.513	27.976
BM47	434927.199	3294904.707	30.435
GPS3	435475.041	3294403.599	66.867
GPS1	435686.115	3294303.397	78.025

Station	Northing	Easting
0+000.00	3295288.52	434810.28
0+010.00	3295281.95	434817.82
0+020.00	3295275.36	434825.36
0+030.00	3295268.81	434832.89
0+040.00	3295262.23	434840.43
0+050.00	3295255.66	434847.97
0+060.00	3295249.09	434855.50
0+070.00	3295242.52	434863.04
0+080.00	3295235.95	434870.58
0+090.00	3295229.37	434878.11
0+100.00	3295222.80	434885.65
0+110.00	3295216.23	434893.19
0+116.50	3295211.96	434898.09
0+120.00	3295209.61	434900.69
0+130.00	3295202.43	434907.63
0+140.00	3295194.58	434913.83
0+150.00	3295186.16	434919.21
0+160.00	3295177.24	434923.73
0+164.51	3295173.08	434925.47
0+170.00	3295167.92	434927.33
0+180.00	3295158.28	434929.98
0+190.00	3295148.43	434931.66
0+200.00	3295138.46	434932.35
0+210.00	3295128.46	434932.03
0+212.57	3295125.96	434931.80
0+220.00	3295118.52	434931.00
0+230.00	3295108.57	434929.94
0+240.00	3295098.63	434928.88
0+250.00	3295088.69	434927.81
0+260.00	3295078.74	434926.75

Station	Northing	Easting
0+270.00	3295068.80	434925.69
0+280.00	3295058.86	434924.62
0+290.00	3295048.91	434923.56
0+300.00	3295038.97	434922.49
0+310.00	3295029.03	434921.43
0+320.00	3295019.08	434920.37
0+330.00	3295009.14	434919.30
0+340.00	3294999.20	434918.24
0+350.00	3294989.25	434917.18
0+360.00	3294979.31	434916.11
0+370.00	3294969.37	434915.05
0+380.00	3294959.43	434913.99
0+390.00	3294949.48	434912.92
0+400.00	3294939.54	434911.86
0+410.00	3294929.60	434910.80
0+415.80	3294923.83	434910.18
0+420.00	3294919.64	434909.84
0+430.00	3294909.65	434908.93
0+440.00	3294899.74	434911.26
0+443.23	3294896.59	434911.95
0+450.00	3294890.08	434913.81
0+460.00	3294880.82	434917.55
0+470.00	3294872.09	434922.42
0+470.66	3294871.53	434922.78
0+480.00	3294863.72	434927.89
0+490.00	3294855.35	434933.26
0+500.00	3294846.98	434938.64
0+510.00	3294838.61	434944.31
0+520.00	3294830.24	434949.78
0+530.00	3294821.87	434955.26

Station	Northing	Easting
0+540.00	3294813.50	434960.73
0+550.00	3294805.13	434966.20
0+560.00	3294796.77	434971.68

PI Station	Northing	Easting
0+000.00	3295288.52	434810.28
0+164.51	3295177.74	434937.34
0+443.23	3294895.43	434907.14

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 SOIL SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION

LEGEND

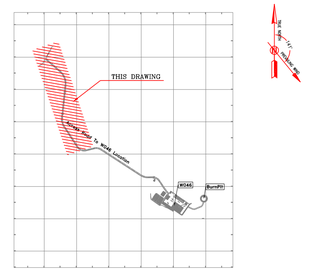
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W046S	BK-W046S-PEDCO-110-CV-PY-0001
Rough Grading Plans -W046S	BK-W046S-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

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
PI= POINT OF INTERSECTION
PC= POINT OF CURVATURE STATION
MID= CURVE MID POINT STATION
PT= POINT OF TANGENT STATION

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
PROJECT NO.: 971020

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S ACCESS ROAD PLAN AND PROFILE SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	21 of 46	D02

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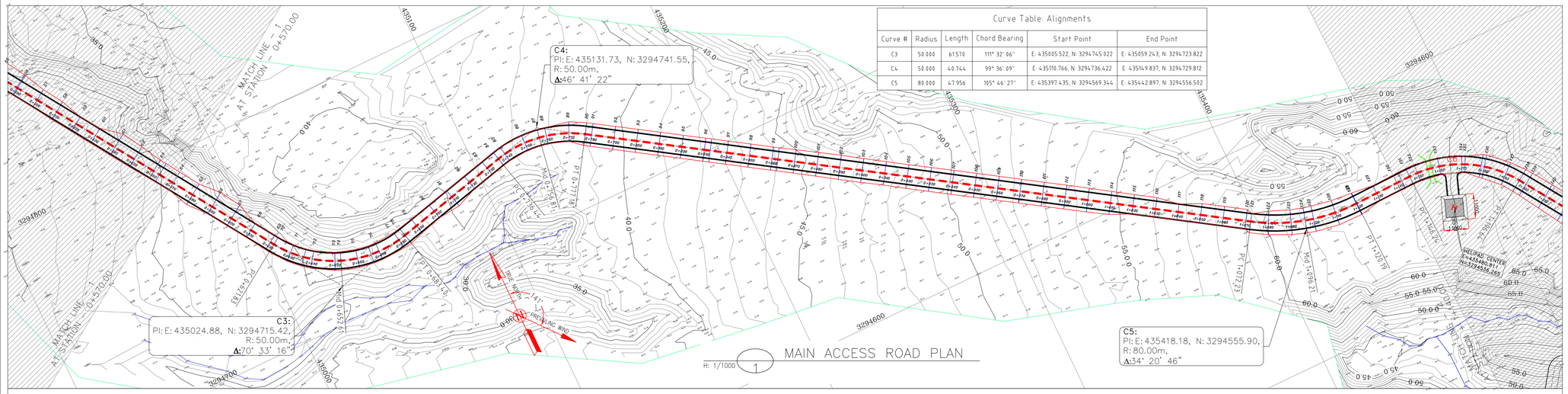
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

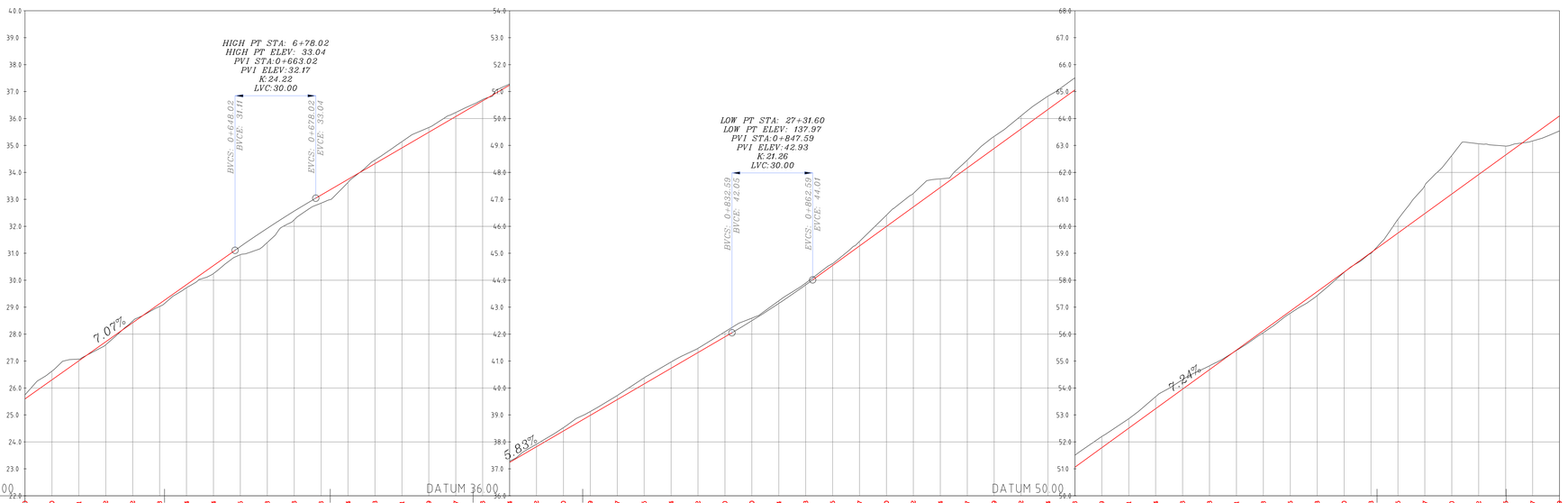
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	21	D02



H: 1/1000

1 MAIN ACCESS ROAD PLAN

Curve Table: Alignments					
Curve #	Radius	Length	Chord Bearing	Start Point	End Point
C3	50.000	61.570	111° 32' 06"	E: 435005.522, N: 3294745.022	E: 435059.243, N: 3294723.822
C4	50.000	40.744	99° 36' 09"	E: 435110.766, N: 3294736.422	E: 435149.837, N: 3294729.812
C5	80.000	47.956	105° 46' 27"	E: 435397.435, N: 3294569.344	E: 435442.897, N: 3294556.592



H: 1/1000
V: 1/100

2 MAIN ACCESS ROAD PROFILE

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 SOIL SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION

LEGEND

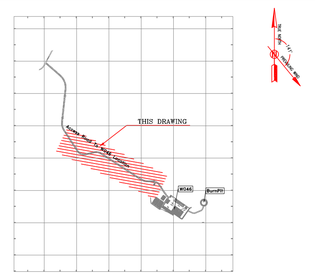
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W046S	BK-W046S-PEDCO-110-CV-PY-0001
Rough Grading Plans -W046S	BK-W046S-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

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
PI= POINT OF INTERSECTION
PC= POINT OF CURVATURE STATION
MID= CURVE MID POINT STATION
PT= POINT OF TANGENT STATION

KEY PLAN



Bench Mark List

Name	Easting(m)	Northing(m)	Elevation(m)
BM46	434828.378	3295176.513	27.976
BM47	434927.199	3294904.707	30.435
GPS3	435475.041	3294403.599	66.867
GPS1	435686.115	3294303.397	78.025

Station	Northing	Easting
0+570.00	3294788.40	434977.15
0+580.00	3294780.03	434982.63
0+590.00	3294771.66	434988.10
0+600.00	3294763.29	434993.57
0+610.00	3294754.92	434999.05
0+620.00	3294746.55	435004.52
0+621.83	3294745.02	435005.52
0+630.00	3294738.58	435010.53
0+640.00	3294731.93	435017.98
0+650.00	3294726.30	435026.61
0+652.61	3294725.88	435028.01
0+660.00	3294723.69	435036.06
0+670.00	3294722.41	435045.96
0+680.00	3294723.13	435055.92
0+683.40	3294723.82	435059.24
0+690.00	3294725.39	435065.66
0+700.00	3294727.77	435075.37
0+710.00	3294730.14	435085.08
0+720.00	3294732.52	435094.80
0+730.00	3294734.89	435104.51
0+736.44	3294736.42	435110.77
0+740.00	3294737.14	435114.25
0+750.00	3294737.83	435124.21
0+756.81	3294737.15	435130.99
0+760.00	3294736.52	435134.11
0+770.00	3294735.27	435143.55
0+777.18	3294729.81	435149.84
0+780.00	3294728.28	435152.20
0+790.00	3294722.84	435160.59
0+800.00	3294717.40	435168.98

Station	Northing	Easting
0+810.00	3294711.97	435177.38
0+820.00	3294706.53	435185.77
0+830.00	3294701.09	435194.16
0+840.00	3294695.65	435202.55
0+850.00	3294690.21	435210.94
0+860.00	3294684.77	435219.33
0+870.00	3294679.33	435227.73
0+880.00	3294673.89	435236.12
0+890.00	3294668.46	435244.51
0+900.00	3294663.02	435252.90
0+910.00	3294657.58	435261.29
0+920.00	3294652.14	435269.68
0+930.00	3294646.70	435278.08
0+940.00	3294641.26	435286.47
0+950.00	3294635.82	435294.86
0+960.00	3294630.39	435303.25
0+970.00	3294624.95	435311.64
0+980.00	3294619.51	435320.04
0+990.00	3294614.07	435328.43
1+000.00	3294608.63	435336.82
1+010.00	3294603.19	435345.21
1+020.00	3294597.75	435353.60
1+030.00	3294592.31	435361.99
1+040.00	3294586.88	435370.39
1+050.00	3294581.44	435378.78
1+060.00	3294576.00	435387.17
1+070.00	3294570.56	435395.56
1+072.23	3294569.34	435397.44
1+080.00	3294565.44	435404.15
1+090.00	3294561.41	435413.29

Station	Northing	Easting
1+096.21	3294559.49	435419.20
1+100.00	3294558.55	435422.87
1+110.00	3294556.90	435432.72
1+120.00	3294556.50	435442.71
1+120.19	3294556.50	435442.90
1+130.00	3294556.74	435452.70

PI Station	Northing	Easting
0+000.00	3295288.52	434810.28
0+164.51	3295177.74	434937.34
0+443.23	3294895.43	434907.14

REV.	DATE	DESCRIPTION	BY	CHECKED	APPR.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
PROJECT NO.: 971020

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S ACCESS ROAD PLAN AND PROFILE SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	22 of 46	D02

REV.	DESCRIPTION	BY	DATE	BY	DATE
***	**********	** **	***.****	** **	***.****

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

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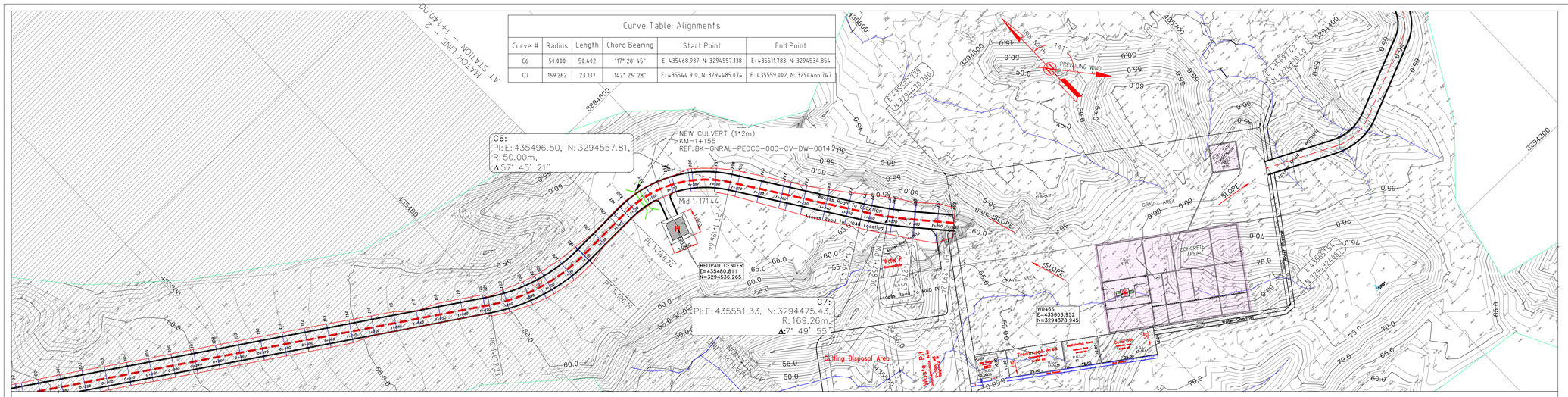
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

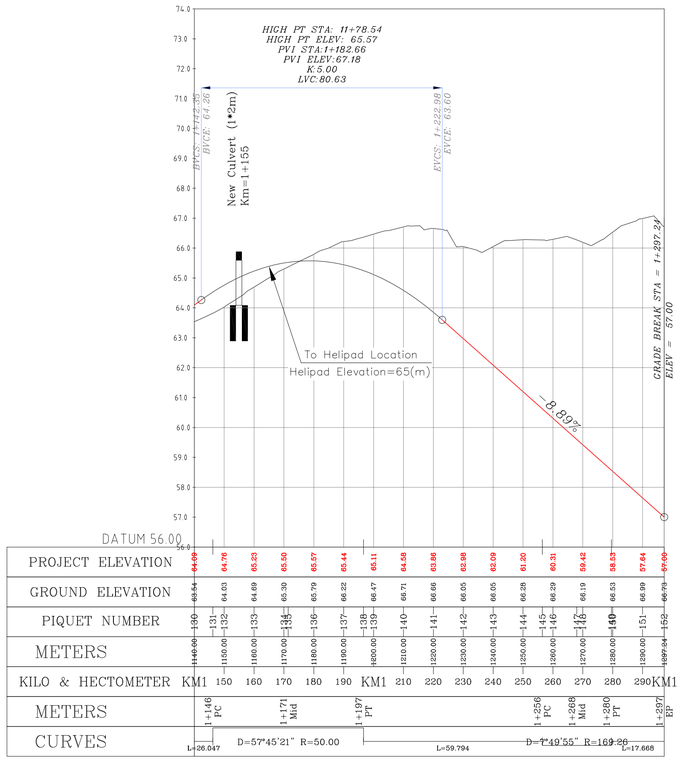
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	22	D02

Curve Table: Alignments					
Curve #	Radius	Length	Chord Bearing	Start Point	End Point
C6	50.000	50.402	117° 28' 45"	E: 435468.937, N: 3294557.138	E: 435511.783, N: 3294534.854
C7	169.262	23.137	142° 26' 28"	E: 435544.910, N: 3294485.074	E: 435559.002, N: 3294466.747



MAIN ACCESS ROAD PLAN

H: 1/1000 (1)



MAIN ACCESS ROAD PROFILE

H: 1/1000
V: 1/100 (2)

Bench Mark List			
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BM46	434828.378	3295176.513	27.976
BM47	434927.199	3294904.707	30.435
GPS3	435475.041	3294403.599	66.867
GPS1	435686.115	3294303.397	78.025

Station	Northing	Easting
1+140.00	3294556.99	435462.70
1+146.24	3294557.14	435468.94
1+150.00	3294557.09	435472.70
1+160.00	3294555.59	435482.57
1+170.00	3294552.16	435491.94
1+171.44	3294551.51	435493.23
1+180.00	3294546.93	435500.45
1+190.00	3294540.12	435507.75
1+196.64	3294534.85	435511.78
1+200.00	3294532.06	435513.65
1+210.00	3294523.73	435519.19
1+220.00	3294515.41	435524.73
1+230.00	3294507.08	435530.27
1+240.00	3294498.76	435535.81
1+250.00	3294490.43	435541.35
1+256.43	3294485.07	435544.91
1+260.00	3294482.13	435546.92
1+268.00	3294475.67	435551.64
1+270.00	3294474.09	435552.87
1+279.57	3294466.75	435559.00
1+280.00	3294466.43	435559.29
1+290.00	3294458.93	435565.91
1+297.24	3294453.51	435570.70

PI Station	Northing	Easting
0+000.00	3295288.52	434810.28
0+164.51	3295177.74	434937.34
0+443.23	3294895.43	434907.14

NOTES

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2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
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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 SOIL SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION

LEGEND

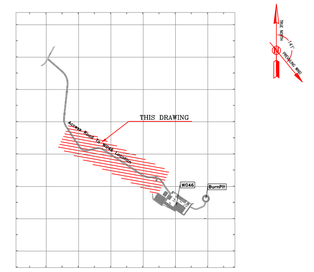
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W046S	BK-W046S-PEDCO-110-CV-PY-0001
Rough Grading Plans -W046S	BK-W046S-PEDCO-110-CV-DW-0001
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Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
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KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	REV.	DESCRIPTION	BY	DATE	BY	DATE
									CHECKED		REV. APPR.	
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **	***	**********	** **	***.****	** **	***.****
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **						
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **						

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
PROJECT NO.: 971020

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PEDCO — PETROIRAN DEVELOPMENT COMPANY

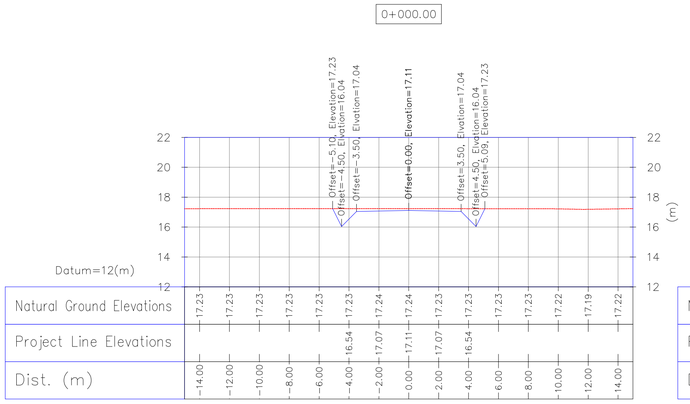
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

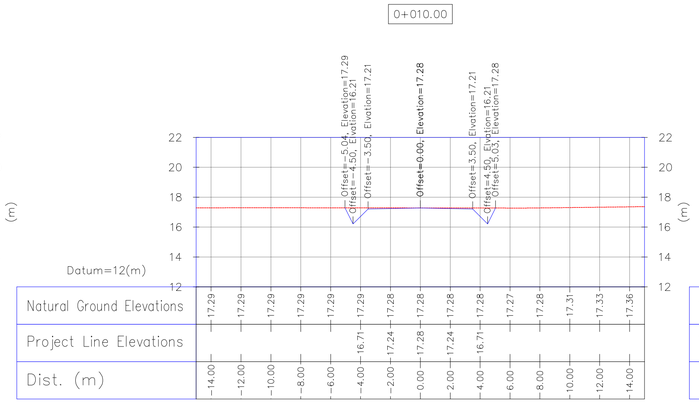
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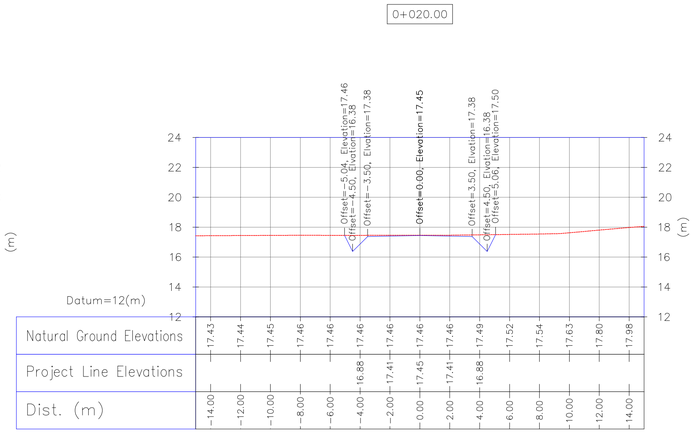
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S ACCESS ROAD PLAN AND PROFILE SECTION

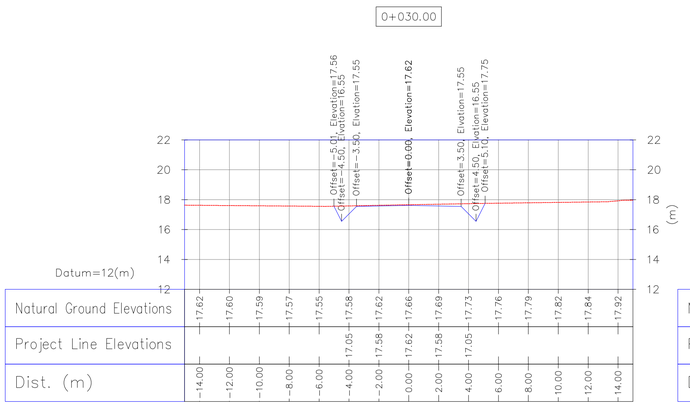
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APPROVED FOR CONSTRUCTION BY: DATE:

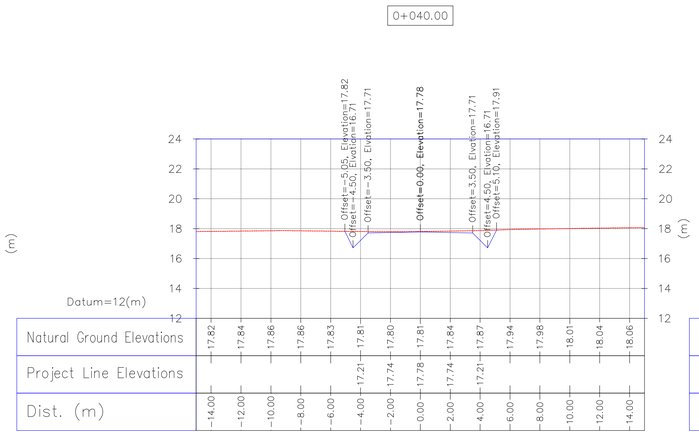
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AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	23 of 46	D02	053-073-9184	F	4	S	707654	23	D02

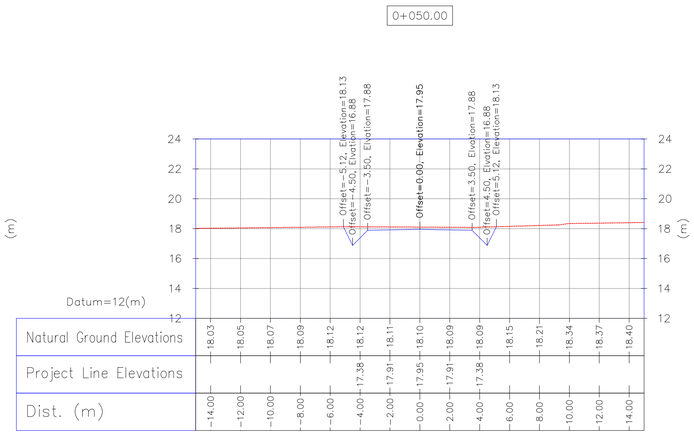


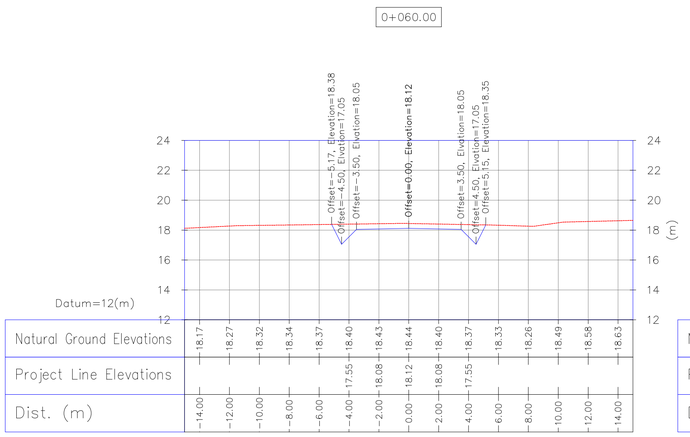


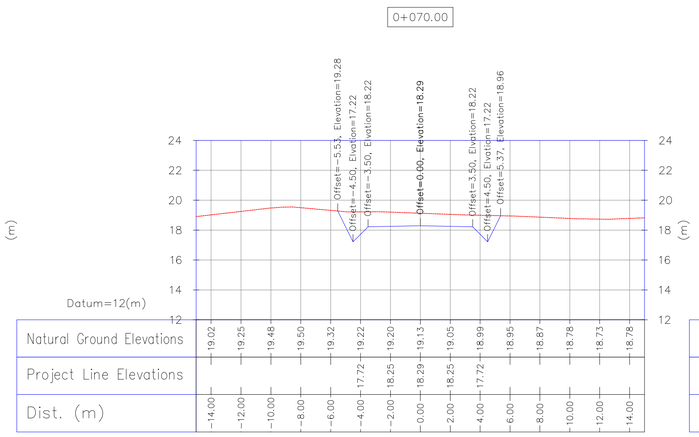


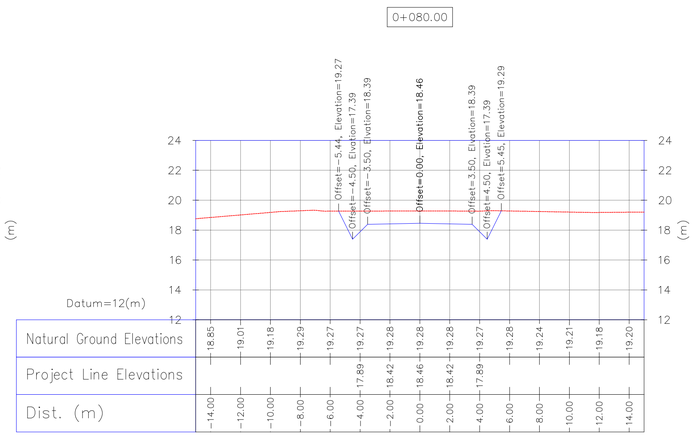












Wellpad Access Road Transversal Sections
1:200

Bench Mark List

Name	Easting(m)	Northing(m)	Elevation(m)
BM46	434828.378	3295176.513	27.976
BM47	434927.199	3294904.707	30.435
GPS3	435475.041	3294403.599	66.867
GPS1	435686.115	3294303.397	78.025

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LEGEND

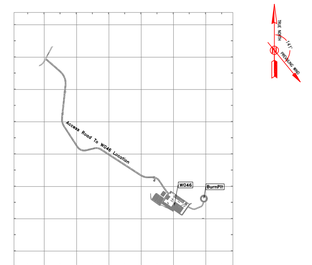
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W046S	BK-W046S-PEDCO-110-CV-PY-0001
Rough Grading Plans -W046S	BK-W046S-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
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KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**

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

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S 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
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

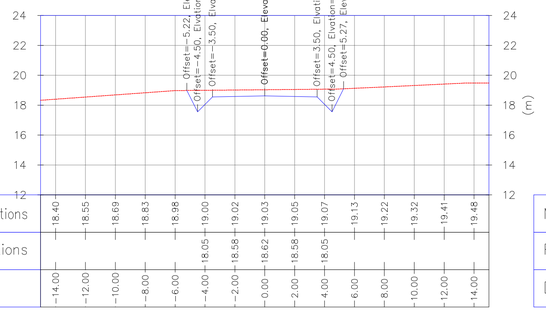
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
ACCESS ROAD TRANSVERSAL SECTIONS KM 0 ~80(m)

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	24 of 46	D02

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	24	D02

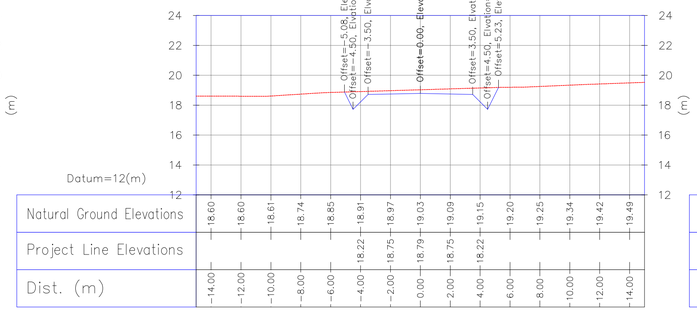
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Datum=12(m)

Natural Ground Elevations	18.40	18.55	18.69	18.83	18.98	19.00	19.02	19.03	19.05	19.07	19.13	19.22	19.32	19.41	19.48
Project Line Elevations						18.05	18.58	18.62	18.58	18.05					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

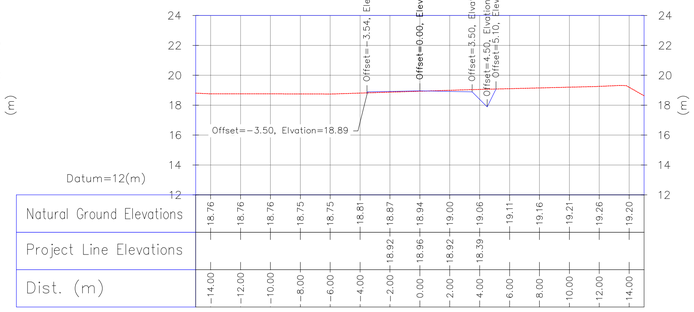
0+100.00



Datum=12(m)

Natural Ground Elevations	18.60	18.60	18.61	18.74	18.85	18.91	18.97	19.03	19.09	19.15	19.20	19.25	19.34	19.42	19.49
Project Line Elevations						18.22	18.75	18.79	18.75	18.22					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

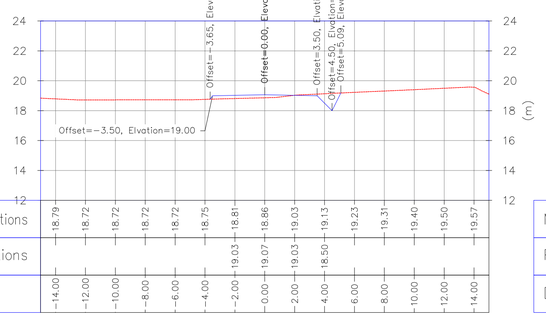
0+110.00



Datum=12(m)

Natural Ground Elevations	18.76	18.76	18.76	18.75	18.75	18.81	18.87	18.94	19.00	19.06	19.11	19.16	19.21	19.26	19.20
Project Line Elevations						18.92	18.96	18.92		18.39					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

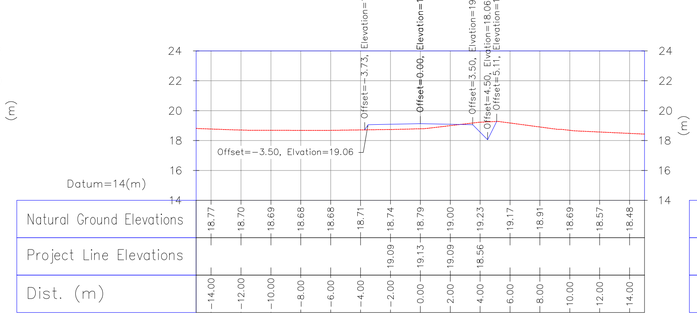
0+116.50



Datum=12(m)

Natural Ground Elevations	18.79	18.72	18.72	18.72	18.72	18.75	18.81	18.86	19.03	19.13	19.23	19.31	19.40	19.50	19.57
Project Line Elevations						19.03	19.07	19.03	18.50						
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

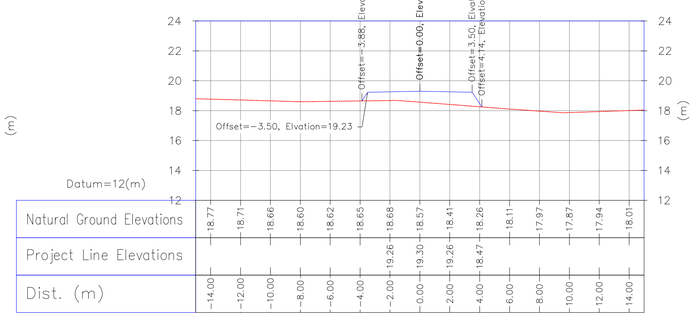
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Datum=14(m)

Natural Ground Elevations	18.77	18.70	18.69	18.68	18.68	18.71	18.74	18.79	19.00	19.23	19.17	18.91	18.69	18.57	18.48
Project Line Elevations						19.09	19.13	19.09		18.56					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

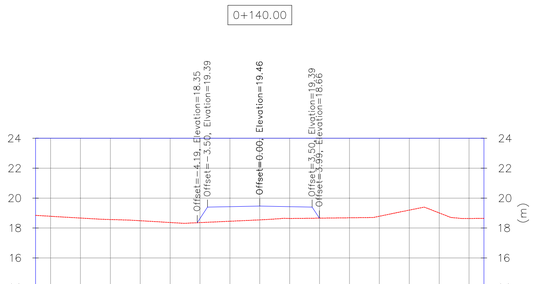
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Datum=12(m)

Natural Ground Elevations	18.77	18.71	18.66	18.60	18.62	18.65	18.68	18.57	18.41	18.26	18.11	17.97	17.87	17.94	18.01
Project Line Elevations						19.26	19.30	19.26	18.47						
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

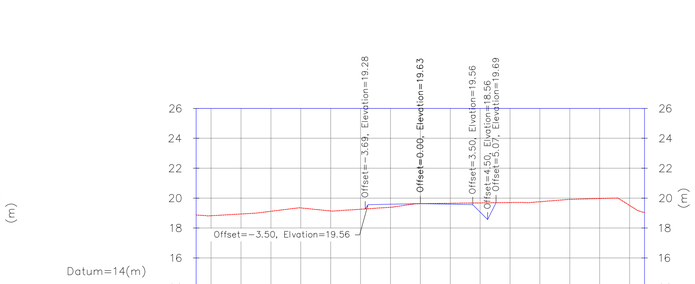
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Datum=14(m)

Natural Ground Elevations	18.79	18.67	18.57	18.49	18.37	18.36	18.45	18.54	18.64	18.66	18.68	18.79	19.20	19.01	18.64
Project Line Elevations						18.64	19.42	19.46	19.42						
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

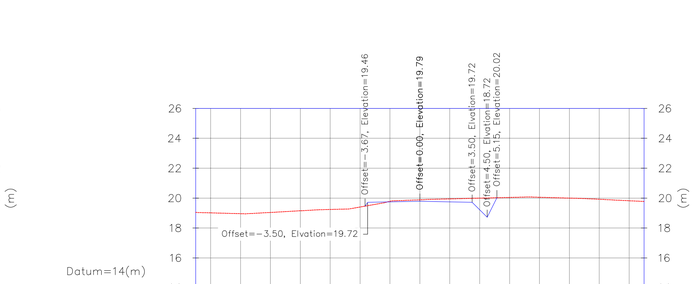
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Datum=14(m)

Natural Ground Elevations	18.82	18.94	19.12	19.34	19.14	19.26	19.39	19.63	19.65	19.68	19.70	19.76	19.91	19.97	19.51
Project Line Elevations						19.59	19.63	19.59	19.06						
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+160.00



Datum=14(m)

Natural Ground Elevations	19.01	18.96	19.04	19.15	19.24	19.40	19.79	19.89	19.95	20.00	20.05	20.06	20.00	19.92	19.82
Project Line Elevations						19.75	19.79	19.75	19.22						
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

Wellpad Access Road Transversal Sections

1:200

Bench Mark List

Name	Easting(m)	Northing(m)	Elevation(m)
BM46	434828.378	3295176.513	27.976
BM47	434927.199	3294904.707	30.435
GPS3	435475.041	3294403.599	66.867
GPS1	435686.115	3294303.397	78.025

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 SOIL SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION

LEGEND

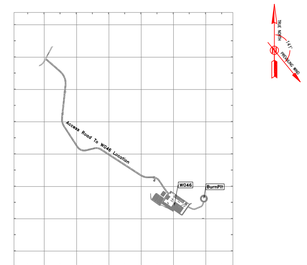
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W046S	BK-W046S-PEDCO-110-CV-PY-0001
Rough Grading Plans -W046S	BK-W046S-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

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.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
PROJECT NO.: 971020

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

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

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

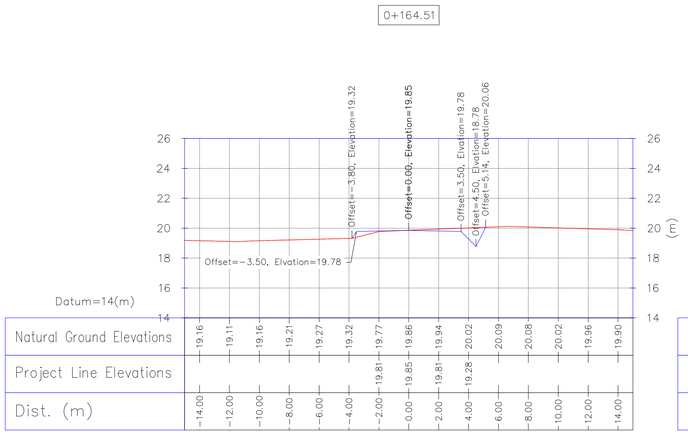
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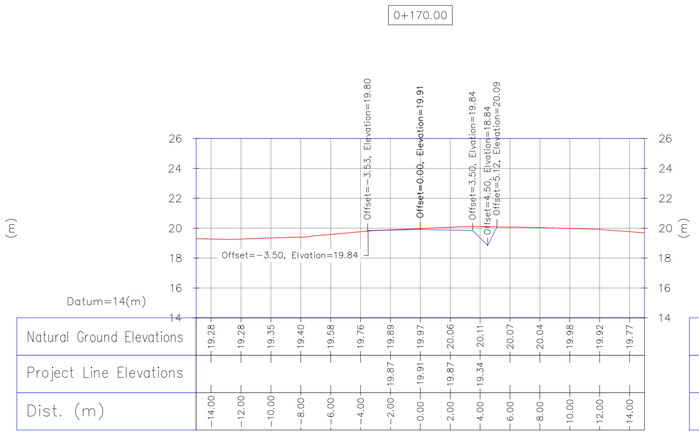
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ACCESS ROAD TRANSVERSAL SECTIONS KM 90 ~160(m)

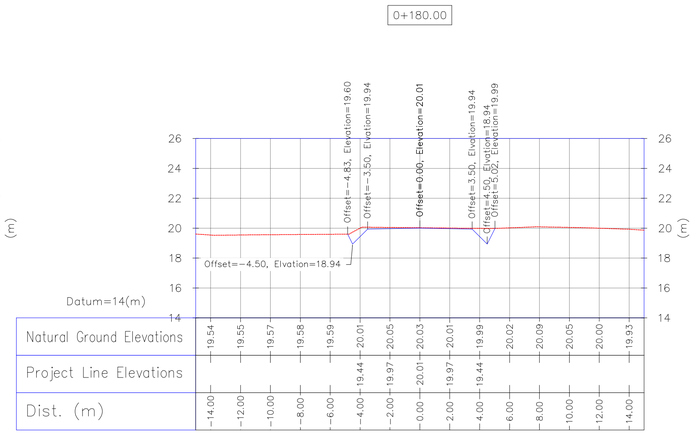
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APPROVED FOR CONSTRUCTION | BY: | DATE:

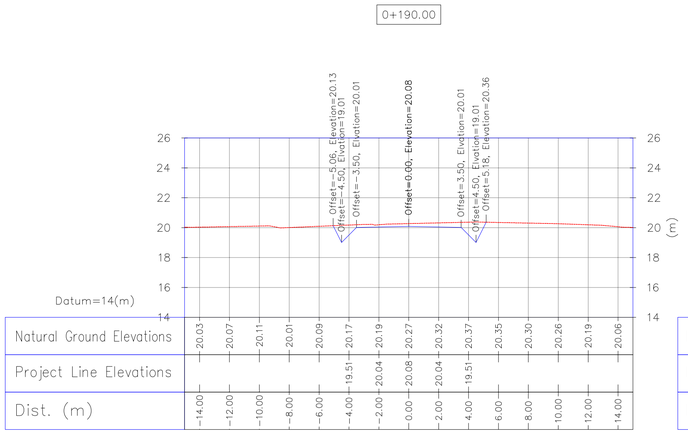
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AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	25 of 46	D02

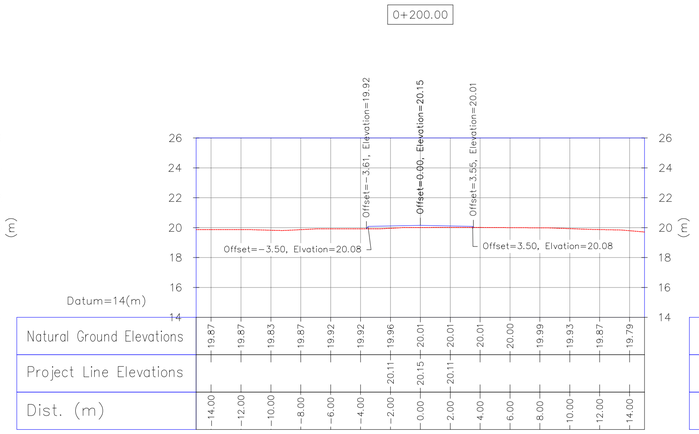
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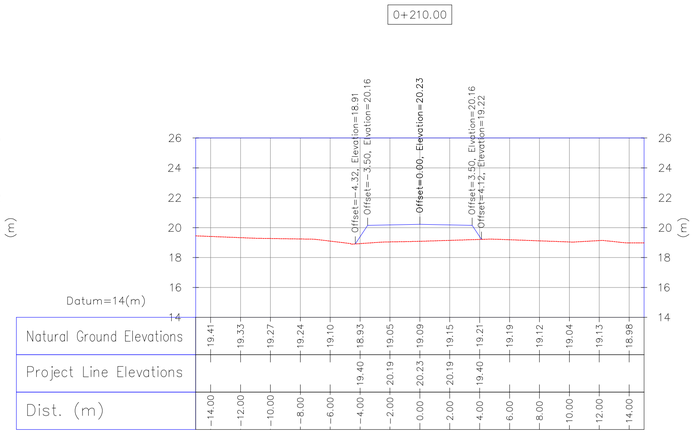


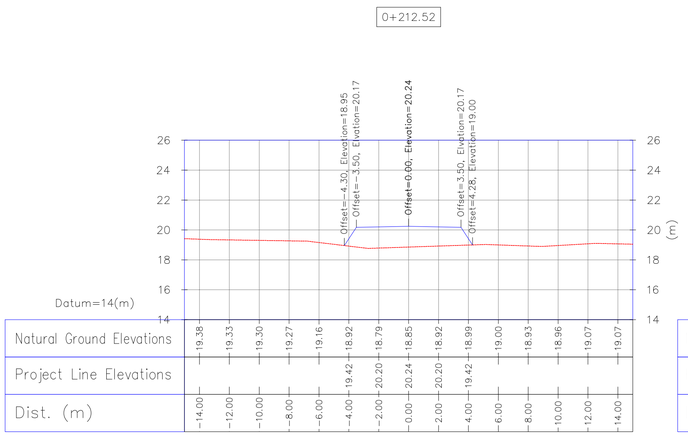


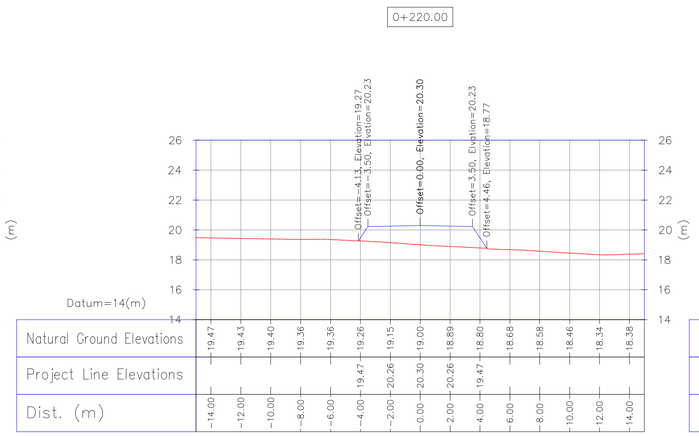


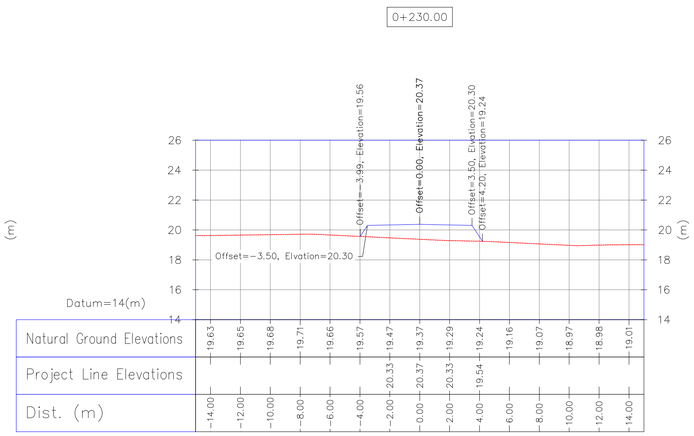












1:200 Wellpad Access Road Transversal Sections

NOTES

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LEGEND

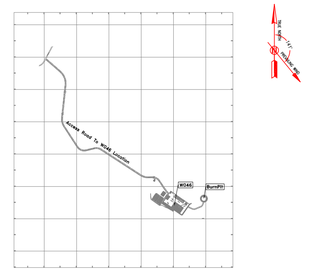
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W046S	BK-W046S-PEDCO-110-CV-PY-0001
Rough Grading Plans -W046S	BK-W046S-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
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KEY PLAN



Bench Mark List

Name	Easting(m)	Northing(m)	Elevation(m)
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REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
PROJECT NO.: 971020
EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY PEDCO
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S ACCESS ROAD TRANSVERSAL SECTIONS KM 164.51 ~230(m)

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	26 of 46	D02

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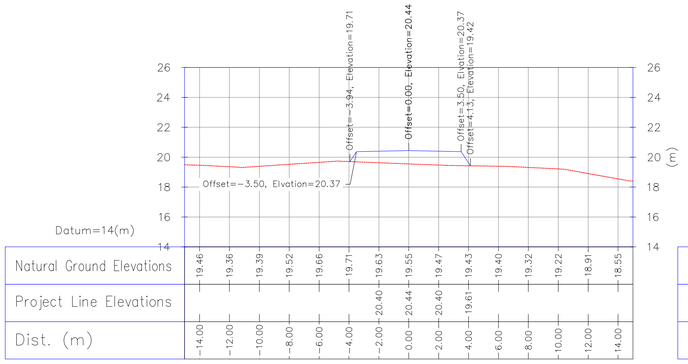
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

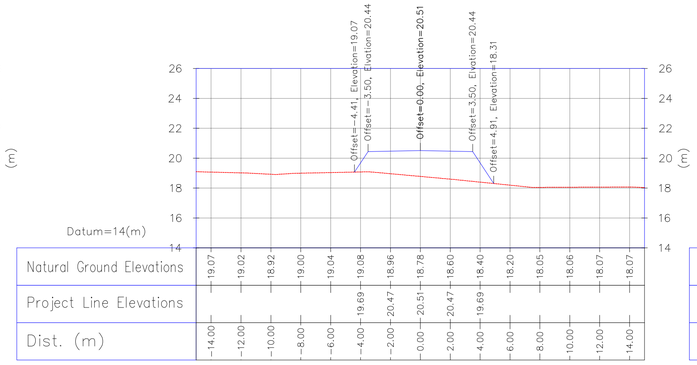
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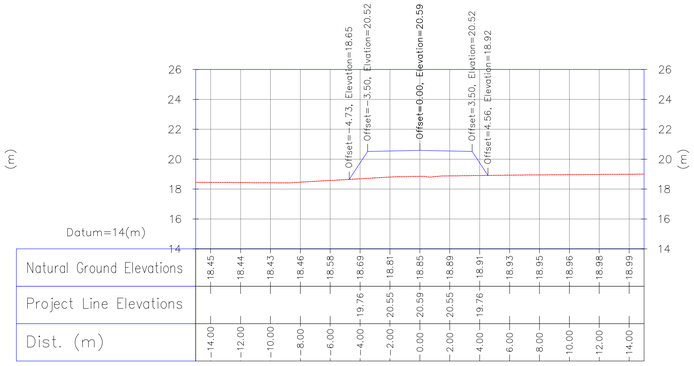
Natural Ground Elevations	19.46	19.36	19.39	19.52	19.66	19.71	19.63	19.55	19.47	19.43	19.40	19.32	19.22	18.91	18.55
Project Line Elevations						20.40	20.44		20.40	19.61					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+250.00



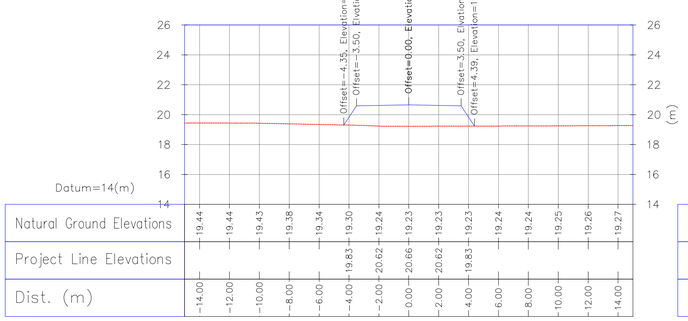
Natural Ground Elevations	19.07	19.02	18.92	19.00	19.04	19.08	18.96	18.78	18.60	18.40	18.20	18.05	18.06	18.07	18.07
Project Line Elevations						19.69	20.47	20.51	20.47	19.69					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+260.00



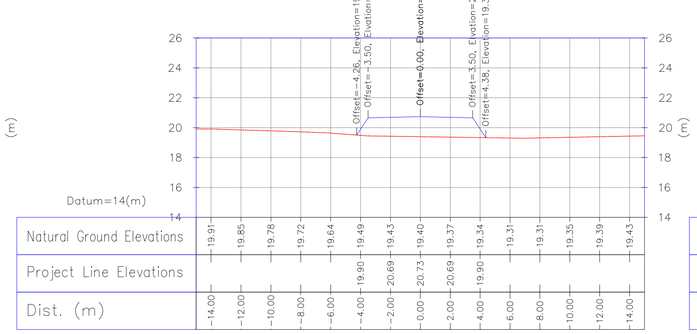
Natural Ground Elevations	18.45	18.44	18.43	18.46	18.58	18.69	18.81	18.85	18.89	18.91	18.93	18.95	18.96	18.98	18.99
Project Line Elevations						19.76	20.55	20.59	20.55	19.76					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+270.00



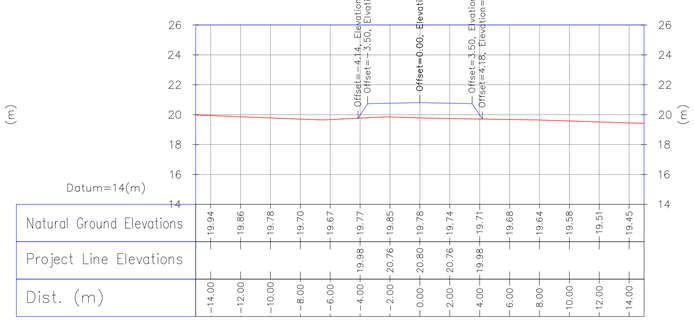
Natural Ground Elevations	19.44	19.44	19.43	19.38	19.34	19.30	19.24	19.23	19.23	19.23	19.24	19.24	19.25	19.26	19.27
Project Line Elevations						19.83	20.62	20.66	20.62	19.83					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+280.00



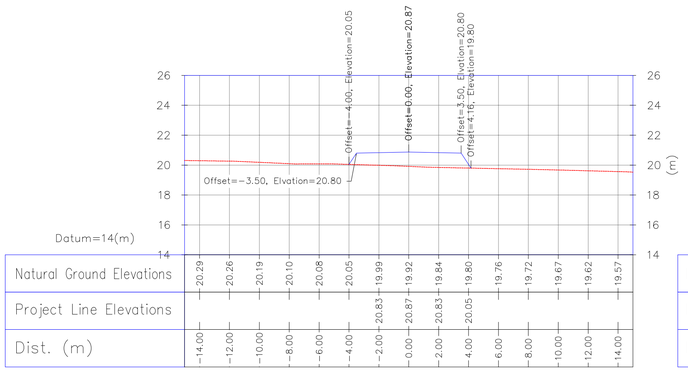
Natural Ground Elevations	19.91	19.85	19.78	19.72	19.64	19.49	19.43	19.40	19.37	19.34	19.31	19.31	19.35	19.39	19.43
Project Line Elevations						19.90	20.69	20.73	20.69	19.90					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+290.00



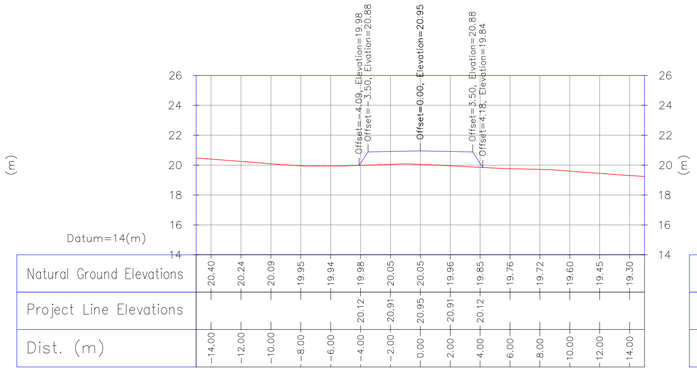
Natural Ground Elevations	19.94	19.86	19.78	19.70	19.67	19.77	19.85	19.78	19.74	19.71	19.68	19.64	19.58	19.51	19.45
Project Line Elevations						19.98	20.76	20.80	20.76	19.98					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+300.00



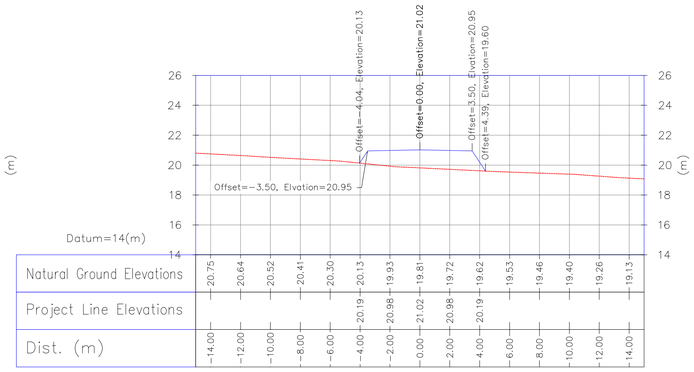
Natural Ground Elevations	20.29	20.26	20.19	20.10	20.08	20.05	19.99	19.92	19.84	19.80	19.76	19.72	19.67	19.62	19.57
Project Line Elevations						20.05	20.83	20.87	20.83	20.05					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+310.00



Natural Ground Elevations	20.40	20.24	20.09	19.95	19.94	19.98	20.05	20.05	19.96	19.85	19.76	19.72	19.60	19.45	19.30
Project Line Elevations						20.12	20.91	20.95	20.91	20.12					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+320.00



Natural Ground Elevations	20.75	20.64	20.52	20.41	20.30	20.13	19.93	19.81	19.72	19.62	19.53	19.46	19.40	19.26	19.13
Project Line Elevations						20.19	20.98	21.02	20.98	20.19					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

1:200 Wellpad Access Road Transversal Sections

Bench Mark List

Name	Easting(m)	Northing(m)	Elevation(m)
BM46	434828.378	3295176.513	27.976
BM47	434927.199	3294904.707	30.435
GPS3	435475.041	3294403.599	66.867
GPS1	435686.115	3294303.397	78.025

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 SOIL SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION

LEGEND

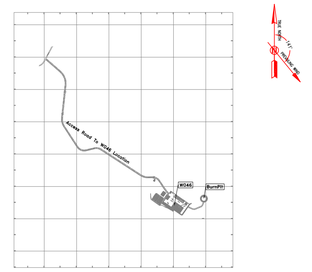
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W046S	BK-W046S-PEDCO-110-CV-PY-0001
Rough Grading Plans -W046S	BK-W046S-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

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.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**	***	**********	**.**	***.****	**.**	***.****
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**						
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**						
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.						

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S 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
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

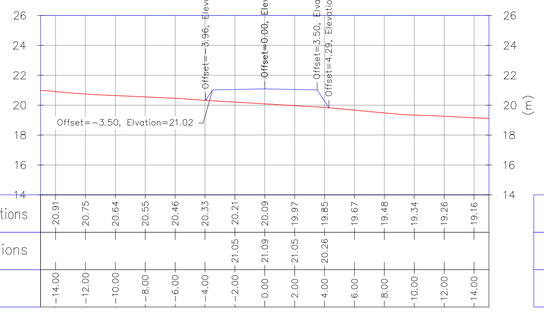
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
ACCESS ROAD TRANSVERSAL SECTIONS KM 240 ~320(m)

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	27 of 46	D02

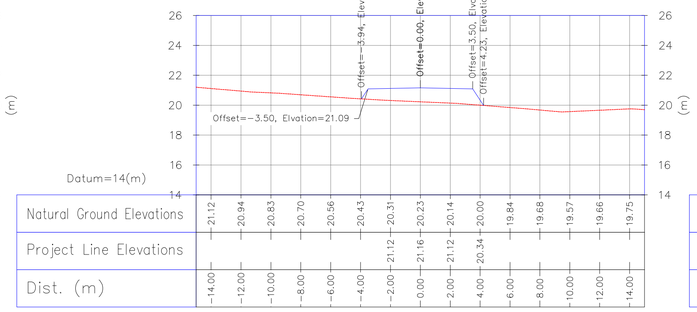
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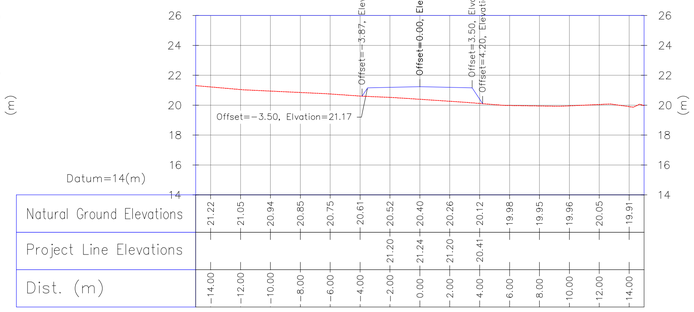
Natural Ground Elevations	20.91	20.75	20.64	20.55	20.46	20.33	20.21	20.09	19.97	19.85	19.67	19.48	19.34	19.26	19.16
Project Line Elevations							21.05	21.09	21.05	20.26					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+340.00



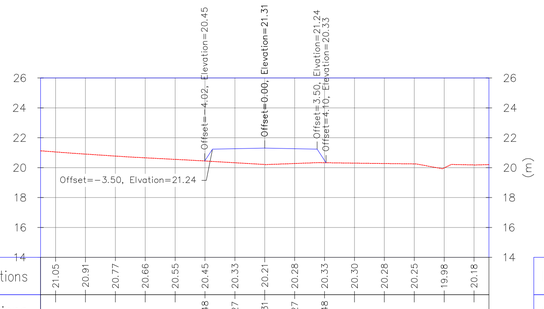
Natural Ground Elevations	21.12	20.94	20.83	20.70	20.56	20.43	20.31	20.23	20.14	20.00	19.84	19.68	19.57	19.66	19.75
Project Line Elevations							21.12	21.16	21.12	20.34					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+350.00



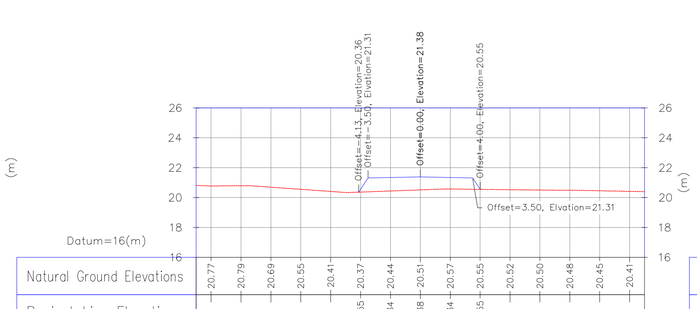
Natural Ground Elevations	21.22	21.05	20.94	20.85	20.75	20.61	20.52	20.40	20.26	20.12	19.98	19.95	19.96	20.05	19.91
Project Line Elevations							21.20	21.24	21.20	20.41					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

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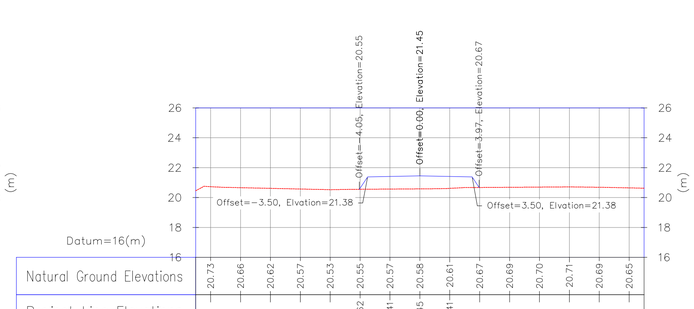
Natural Ground Elevations	21.05	20.91	20.77	20.66	20.55	20.45	20.33	20.21	20.28	20.33	20.30	20.28	20.25	19.98	20.18
Project Line Elevations						20.48	21.27	21.31	21.27	20.48					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+370.00



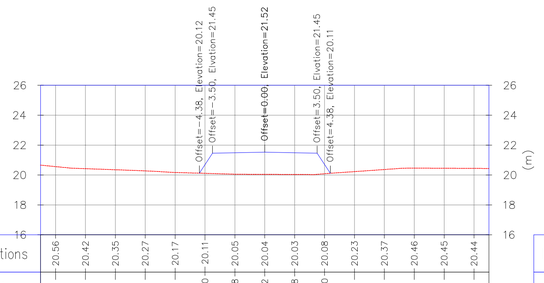
Natural Ground Elevations	20.77	20.79	20.69	20.55	20.41	20.37	20.44	20.51	20.57	20.55	20.52	20.50	20.48	20.45	20.41
Project Line Elevations						20.55	21.34	21.38	21.34	20.55					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+380.00



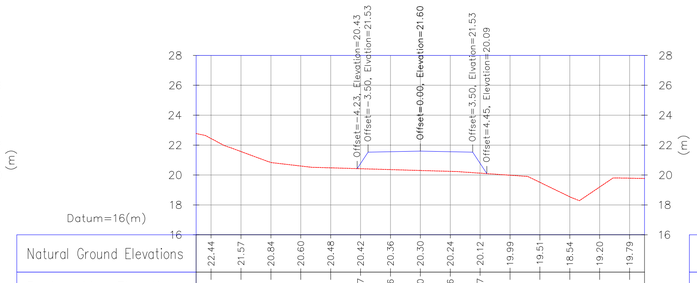
Natural Ground Elevations	20.73	20.66	20.62	20.57	20.53	20.55	20.57	20.58	20.61	20.67	20.69	20.70	20.71	20.69	20.65
Project Line Elevations						20.62	21.41	21.45	21.41	20.67					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+390.00



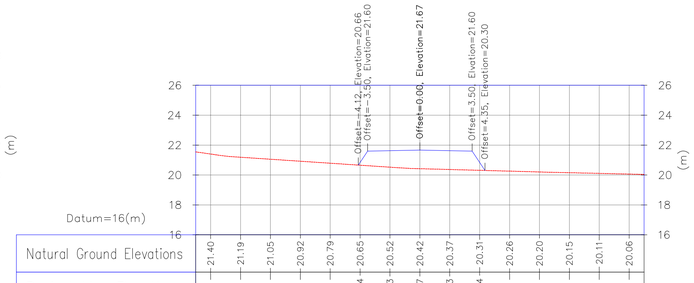
Natural Ground Elevations	20.56	20.42	20.35	20.27	20.17	20.11	20.05	20.04	20.03	20.08	20.23	20.37	20.46	20.45	20.44
Project Line Elevations						20.70	21.48	21.52	21.48	20.70					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+400.00



Natural Ground Elevations	22.44	21.57	20.84	20.60	20.48	20.42	20.36	20.30	20.24	20.12	19.99	19.51	18.54	19.20	19.79
Project Line Elevations						20.77	21.56	21.60	21.56	20.77					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+410.00



Natural Ground Elevations	21.40	21.19	21.05	20.92	20.79	20.65	20.52	20.42	20.37	20.31	20.26	20.20	20.15	20.11	20.06
Project Line Elevations						20.84	21.63	21.67	21.63	20.84					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

Wellpad Access Road Transversal Sections

1:200

Bench Mark List

Name	Easting(m)	Northing(m)	Elevation(m)
BM46	434828.378	3295176.513	27.976
BM47	434927.199	3294904.707	30.435
GPS3	435475.041	3294403.599	66.867
GPS1	435686.115	3294303.397	78.025

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 SOIL SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION

LEGEND

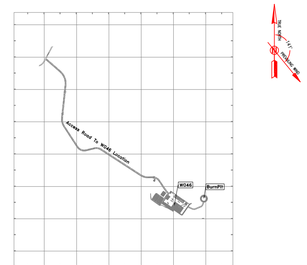
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W046S	BK-W046S-PEDCO-110-CV-PY-0001
Rough Grading Plans -W046S	BK-W046S-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

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.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
PROJECT NO.: 971020

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

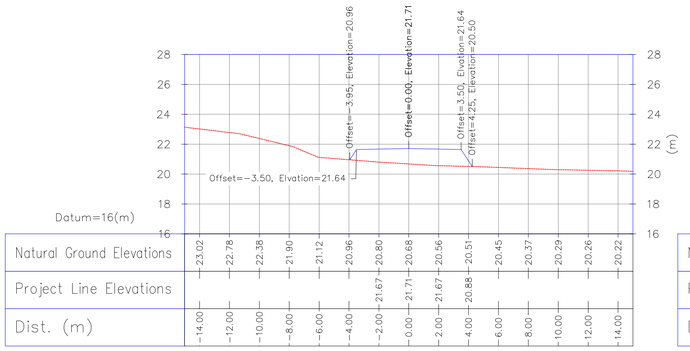
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
ACCESS ROAD TRANSVERSAL SECTIONS KM 330 ~410(m)

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	28 of 46	D02

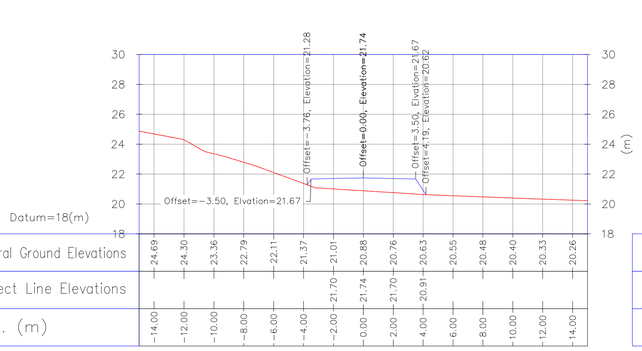
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	28	D02

0+415.80



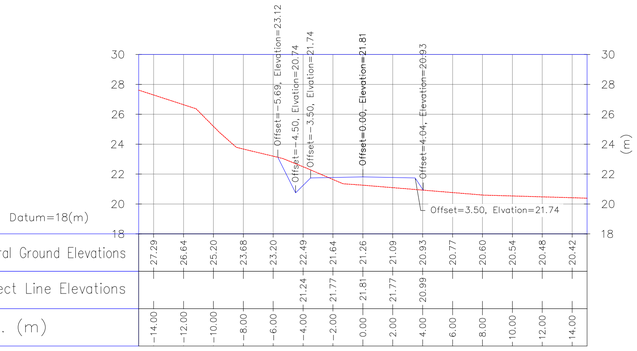
Natural Ground Elevations	23.02	22.78	22.38	21.90	21.12	20.96	20.80	20.68	20.56	20.51	20.45	20.37	20.29	20.26	20.22
Project Line Elevations							21.67	21.71	21.67	20.88					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+420.00



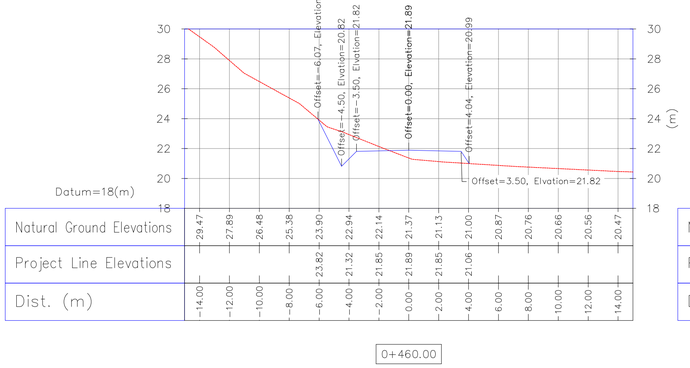
Natural Ground Elevations	24.69	24.30	23.36	22.79	22.11	21.37	21.01	20.88	20.76	20.63	20.55	20.48	20.40	20.33	20.26
Project Line Elevations							21.70	21.74	21.70	20.91					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+430.00



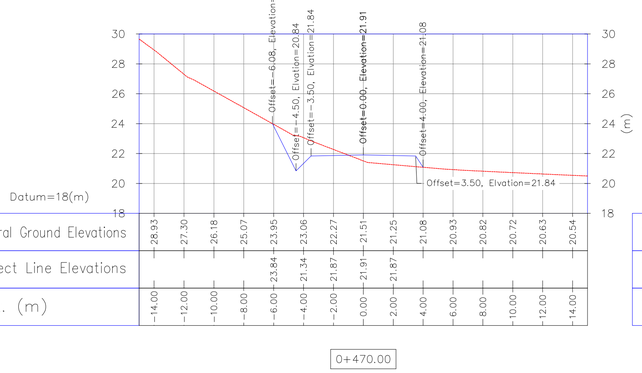
Natural Ground Elevations	27.29	26.64	25.20	23.68	23.20	22.49	21.64	21.26	21.09	20.93	20.77	20.60	20.54	20.48	20.42
Project Line Elevations							21.77	21.81	21.77	20.99					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+440.00



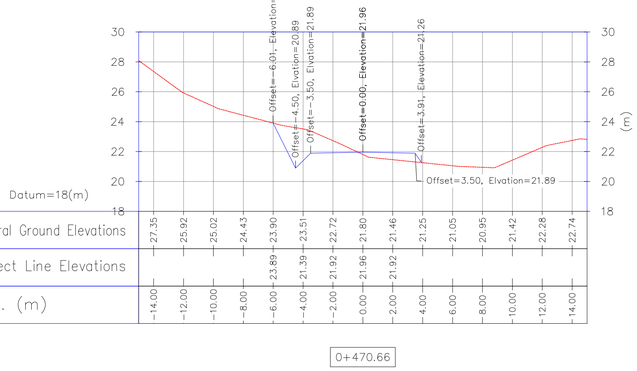
Natural Ground Elevations	29.47	27.89	26.48	25.38	23.90	22.94	22.14	21.37	21.13	21.00	20.87	20.76	20.66	20.56	20.47
Project Line Elevations					23.82	21.32	21.85	21.89	21.85	21.06					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+443.23



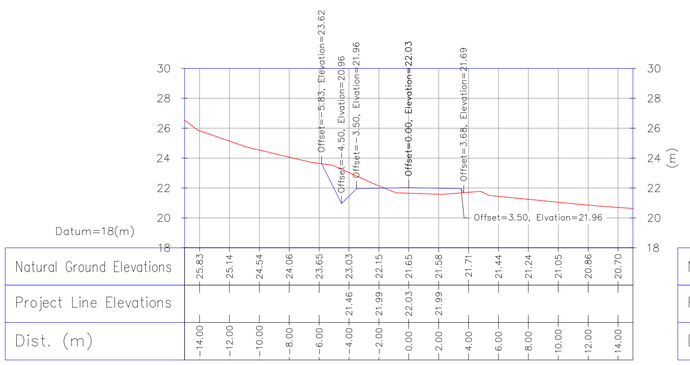
Natural Ground Elevations	28.93	27.30	26.18	25.07	23.95	23.06	22.27	21.51	21.25	21.08	20.93	20.82	20.72	20.63	20.54
Project Line Elevations					23.84	21.34	21.87	21.91	21.87	21.08					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+450.00



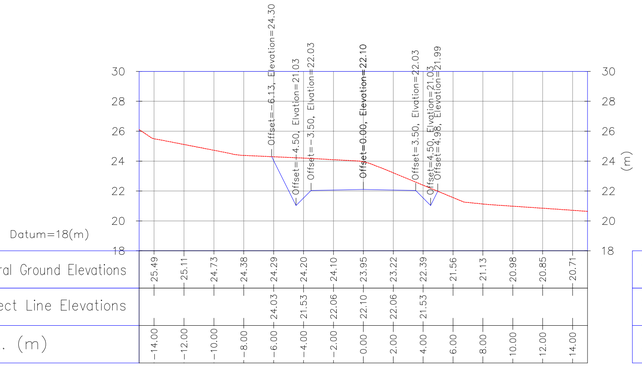
Natural Ground Elevations	27.35	25.92	25.02	24.43	23.90	23.51	22.72	21.80	21.46	21.25	21.05	20.95	21.42	22.28	22.74
Project Line Elevations					23.89	21.39	21.92	21.96	21.92						
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+460.00



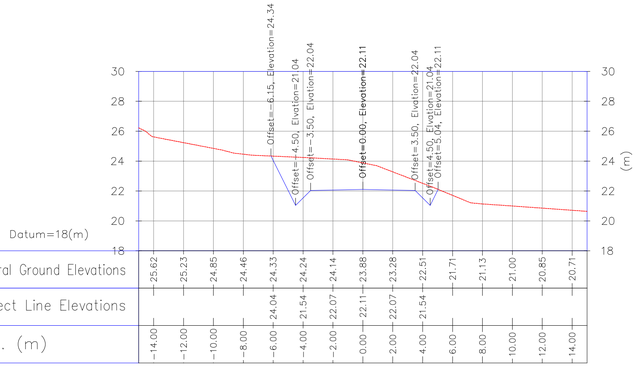
Natural Ground Elevations	25.83	25.14	24.54	24.06	23.65	23.03	22.15	21.65	21.58	21.71	21.44	21.24	21.05	20.86	20.70
Project Line Elevations						21.46	21.99	22.03	21.99						
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+470.00



Natural Ground Elevations	25.49	25.11	24.73	24.38	24.29	24.20	24.10	23.95	23.22	22.39	21.56	21.13	20.98	20.85	20.71
Project Line Elevations					24.03	21.53	22.06	22.10	22.06	21.53					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+470.66



Natural Ground Elevations	25.62	25.23	24.85	24.46	24.33	24.24	24.14	23.88	23.28	22.51	21.71	21.13	21.00	20.85	20.71
Project Line Elevations					24.04	21.54	22.07	22.11	22.07	21.54					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

Wellpad Access Road Transversal Sections

1:200

Bench Mark List

Name	Easting(m)	Northing(m)	Elevation(m)
BM46	434828.378	3295176.513	27.976
BM47	434927.199	3294904.707	30.435
GPS3	435475.041	3294403.599	66.867
GPS1	435686.115	3294303.397	78.025

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 SOIL SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION

LEGEND

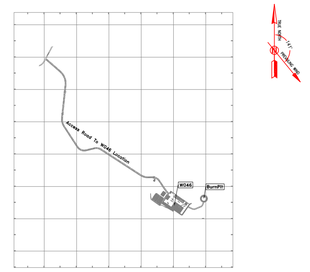
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W046S	BK-W046S-PEDCO-110-CV-PY-0001
Rough Grading Plans -W046S	BK-W046S-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

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.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
PROJECT NO.: 971020

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

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

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

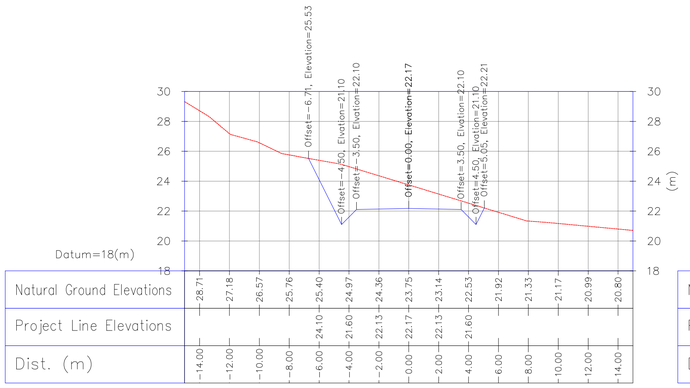
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
ACCESS ROAD TRANSVERSAL SECTIONS KM 415.8 ~470.66(m)

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	29 of 46	D02

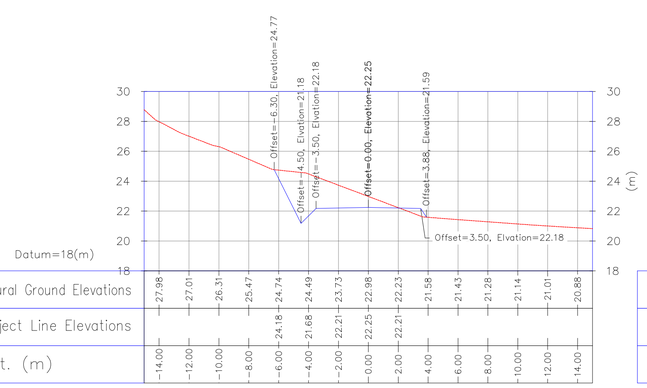
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053-073-9184	F	4	S	707654	29	D02

0+480.00



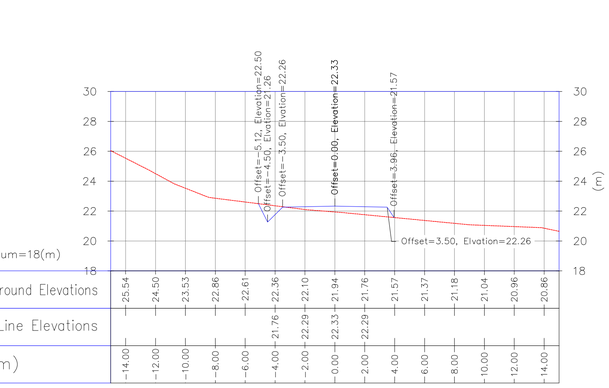
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Project Line Elevations					24.10	21.60	22.13	22.17	22.13	21.60					
Natural Ground Elevations	28.71	27.18	26.57	25.76	25.40	24.97	24.36	23.75	23.14	22.53	21.92	21.33	21.17	20.99	20.80

0+490.00



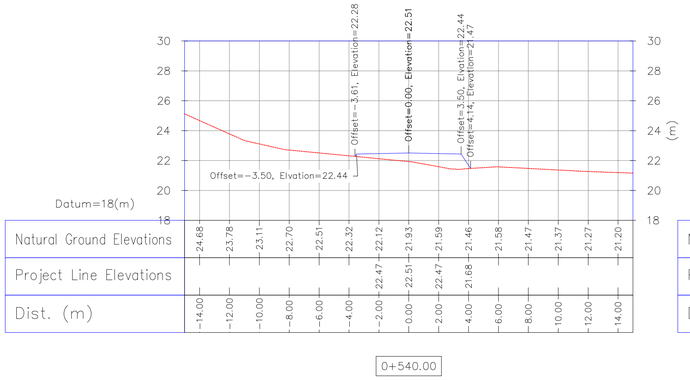
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00
Project Line Elevations					24.18	21.68	22.21	22.25	22.21						
Natural Ground Elevations	27.98	27.01	26.31	25.47	24.74	24.49	23.73	22.98	22.23	21.58	21.43	21.28	21.14	21.01	20.88

0+500.00



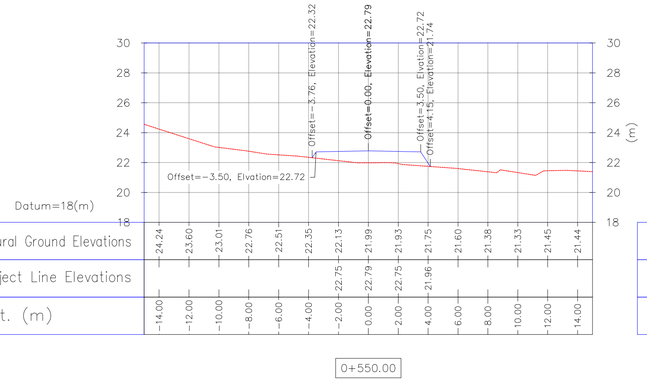
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00
Project Line Elevations					21.76	22.29	22.33	22.29							
Natural Ground Elevations	25.54	24.50	23.53	22.86	22.61	22.36	22.10	21.94	21.76	21.57	21.37	21.18	21.04	20.96	20.86

0+510.00



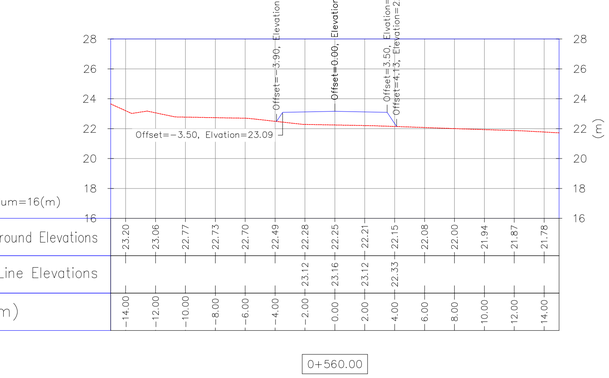
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Project Line Elevations							22.47	22.51	22.47	21.68					
Natural Ground Elevations	24.68	23.78	23.11	22.70	22.51	22.32	22.12	21.93	21.59	21.46	21.58	21.47	21.37	21.27	21.20

0+520.00



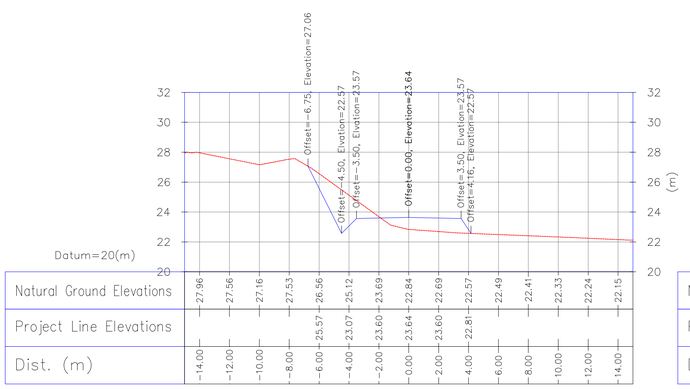
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00
Project Line Elevations							22.75	22.79	22.75	21.96					
Natural Ground Elevations	24.24	23.60	23.01	22.76	22.51	22.35	22.13	21.99	21.93	21.75	21.60	21.38	21.33	21.45	21.44

0+530.00



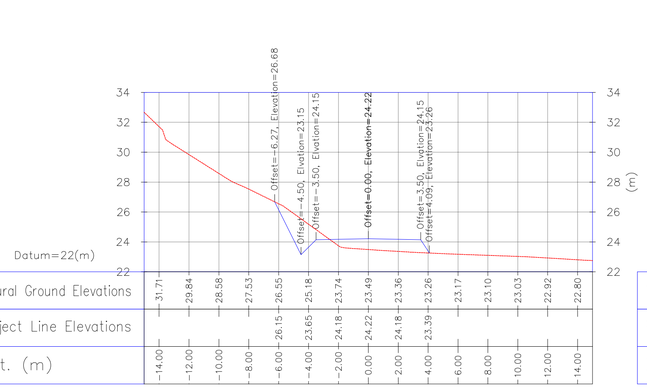
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Project Line Elevations							23.12	23.16	23.12	22.33					
Natural Ground Elevations	23.20	23.06	22.77	22.73	22.70	22.49	22.28	22.25	22.21	22.15	22.08	22.00	21.94	21.87	21.78

0+540.00



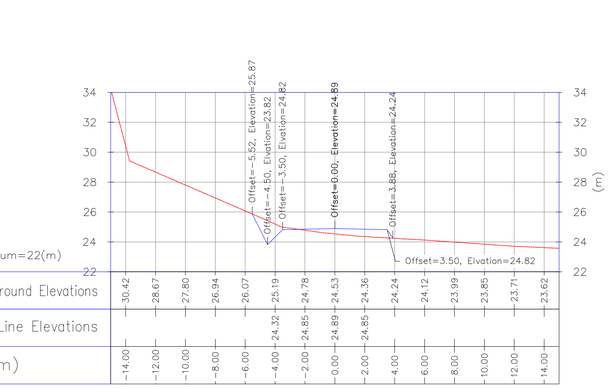
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Project Line Elevations					25.57	23.07	23.60	23.64	23.60	22.81					
Natural Ground Elevations	27.96	27.56	27.16	27.53	26.56	25.12	23.69	22.84	22.69	22.57	22.49	22.41	22.33	22.24	22.15

0+550.00



Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00
Project Line Elevations					26.15	23.65	24.18	24.22	24.18	23.39					
Natural Ground Elevations	31.71	29.84	28.58	27.53	26.55	25.18	23.74	23.49	23.36	23.26	23.17	23.10	23.03	22.92	22.80

0+560.00



Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00
Project Line Elevations					24.32	24.85	24.89	24.85							
Natural Ground Elevations	30.42	28.67	27.80	26.94	26.07	25.19	24.78	24.53	24.36	24.24	24.12	23.99	23.85	23.71	23.62

1:200 Wellpad Access Road Transversal Sections

Bench Mark List			
Name	Easting(m)	Northing(m)	Elevation(m)
BM46	434828.378	3295176.513	27.976
BM47	434927.199	3294904.707	30.435
GPS3	435475.041	3294403.599	66.867
GPS1	435686.115	3294303.397	78.025

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 SOIL SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION

LEGEND

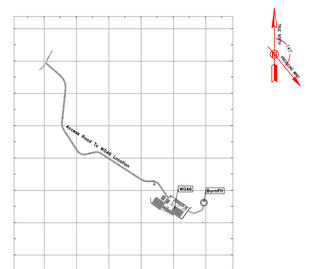
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W046S	BK-W046S-PEDCO-110-CV-PY-0001
Rough Grading Plans -W046S	BK-W046S-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

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.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
PROJECT NO.: 971020

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

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

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

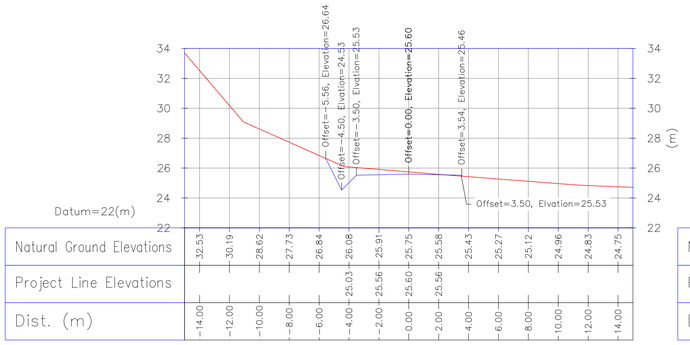
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
ACCESS ROAD TRANSVERSAL SECTIONS KM 480 ~560(m)

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	30 of 46	D02

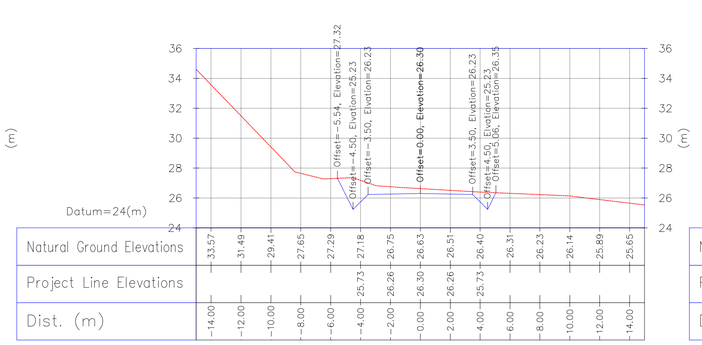
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	30	D02

0+570.00



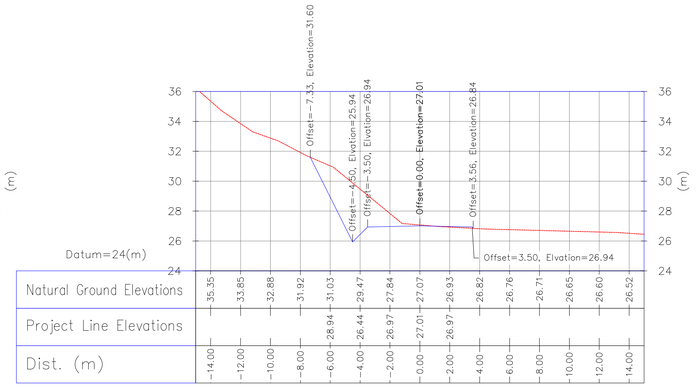
Natural Ground Elevations	32.53	30.19	28.62	27.73	26.84	26.08	25.91	25.75	25.58	25.43	25.27	25.12	24.96	24.83	24.75															
Project Line Elevations						25.03	25.56	25.60	25.56																					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00															

0+580.00



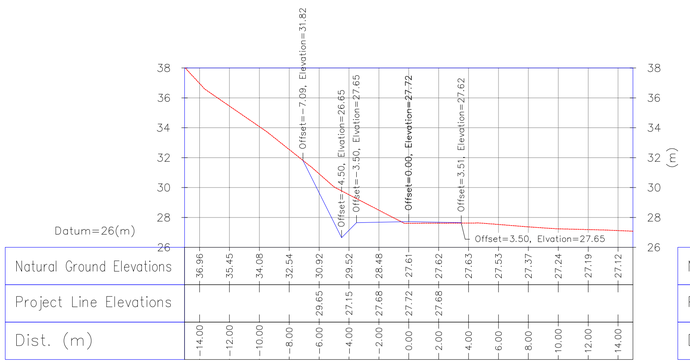
Natural Ground Elevations	33.57	31.49	29.41	27.65	27.29	27.18	26.75	26.63	26.51	26.40	26.31	26.23	26.14	25.89	25.65															
Project Line Elevations						25.73	26.26	26.30	26.26	25.73																				
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00															

0+590.00



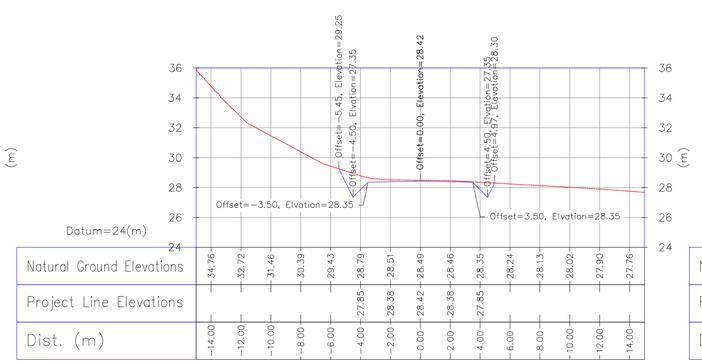
Natural Ground Elevations	35.35	33.85	32.88	31.92	31.03	29.47	27.84	27.07	26.93	26.82	26.76	26.71	26.65	26.60	26.52															
Project Line Elevations					28.94	26.44	26.97	27.01	26.97																					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00															

0+600.00



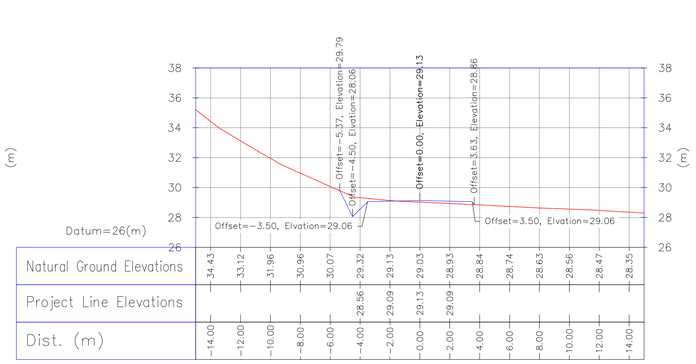
Natural Ground Elevations	36.96	35.45	34.08	32.54	30.92	29.52	28.48	27.61	27.62	27.63	27.53	27.37	27.24	27.19	27.12															
Project Line Elevations					29.65	27.15	27.68	27.72	27.68																					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00															

0+610.00



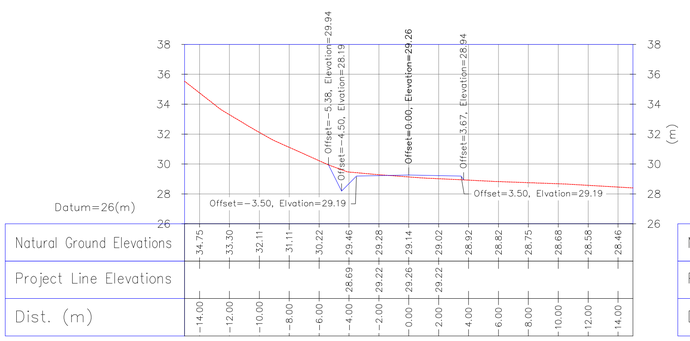
Natural Ground Elevations	34.76	32.72	31.46	30.39	29.43	28.79	28.51	28.49	28.46	28.35	28.24	28.13	28.02	27.90	27.76															
Project Line Elevations						27.85	28.38	28.42	28.38	27.85																				
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00															

0+620.00



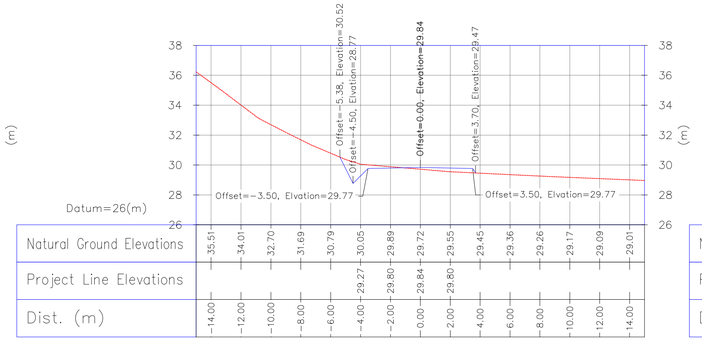
Natural Ground Elevations	34.43	33.12	31.96	30.96	30.07	29.32	29.13	29.13	29.03	28.93	28.84	28.74	28.63	28.56	28.47	28.35														
Project Line Elevations						28.56	29.09	29.13	29.09																					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00															

0+621.83



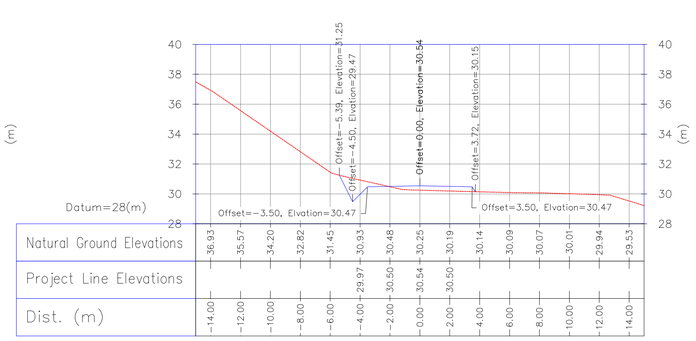
Natural Ground Elevations	34.75	33.30	32.11	31.11	30.22	29.46	29.28	29.14	29.02	28.92	28.82	28.75	28.68	28.58	28.46															
Project Line Elevations						28.69	29.22	29.26	29.22																					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00															

0+630.00



Natural Ground Elevations	35.51	34.01	32.70	31.69	30.79	30.05	29.89	29.72	29.55	29.45	29.36	29.26	29.17	29.09	29.01															
Project Line Elevations						29.27	29.80	29.84	29.80																					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00															

0+640.00



Natural Ground Elevations	36.93	35.57	34.20	32.82	31.45	30.93	30.48	30.25	30.19	30.14	30.09	30.07	30.01	29.94	29.53															
Project Line Elevations						29.97	30.50	30.54	30.50																					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00															

1:200 Wellpad Access Road Transversal Sections

Bench Mark List

Name	Easting(m)	Northing(m)	Elevation(m)
BM46	434828.378	3295176.513	27.976
BM47	434927.199	3294904.707	30.435
GPS3	435475.041	3294403.599	66.867
GPS1	435686.115	3294303.397	78.025

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 SOIL SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION

LEGEND

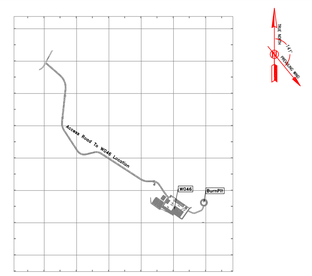
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W046S	BK-W046S-PEDCO-110-CV-PY-0001
Rough Grading Plans -W046S	BK-W046S-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

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.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
PROJECT NO.: 971020

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

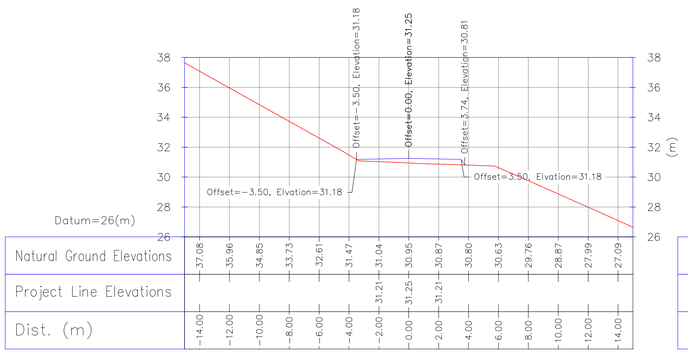
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
ACCESS ROAD TRANSVERSAL SECTIONS KM 570 ~640(m)

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	31 of 46	D02

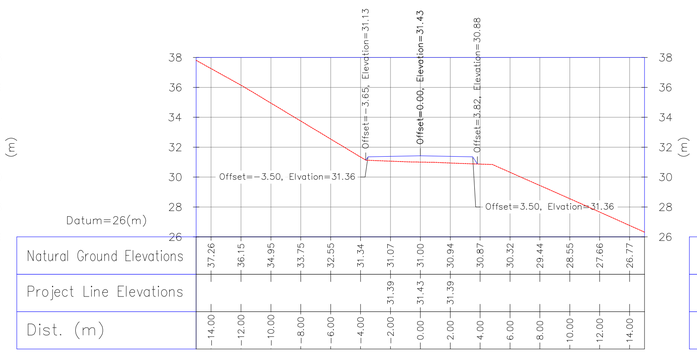
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	31	D02

0+650.00



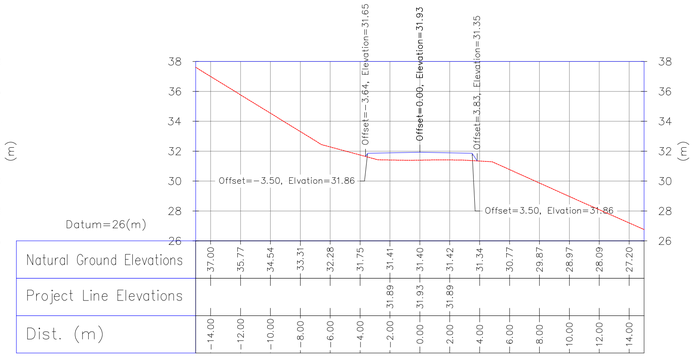
Natural Ground Elevations	37.08	35.96	34.85	33.73	32.61	31.47	31.04	30.95	30.87	30.80	30.63	29.76	28.87	27.99	27.09													
Project Line Elevations							31.21	31.25	31.21																			
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00													

0+652.61



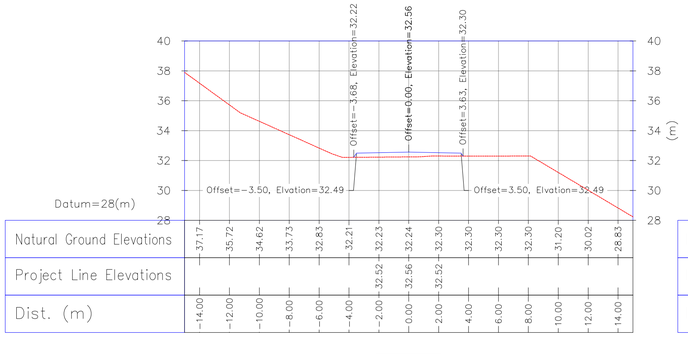
Natural Ground Elevations	37.26	36.15	34.95	33.75	32.55	31.34	31.07	31.00	30.94	30.87	30.32	29.44	28.55	27.66	26.77													
Project Line Elevations							31.39	31.43	31.39																			
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00													

0+660.00



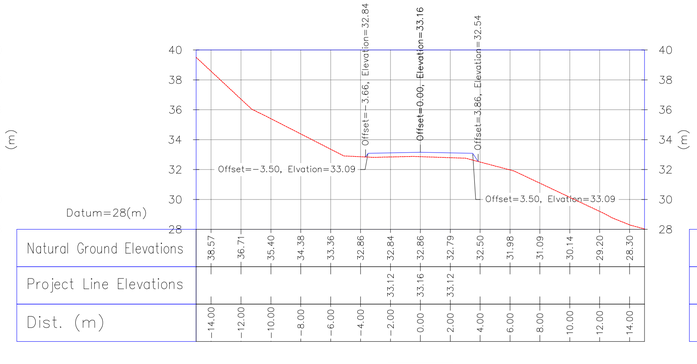
Natural Ground Elevations	37.00	35.77	34.54	33.31	32.28	31.75	31.41	31.40	31.42	31.34	30.77	29.87	28.97	28.09	27.20													
Project Line Elevations							31.89	31.93	31.89																			
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00													

0+670.00



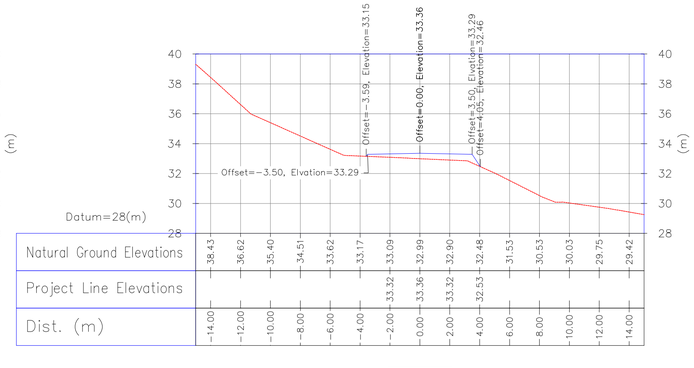
Natural Ground Elevations	37.17	35.72	34.62	33.73	32.83	32.21	32.23	32.24	32.30	32.30	32.30	32.30	31.20	30.02	28.83													
Project Line Elevations							32.52	32.56	32.52																			
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00													

0+680.00



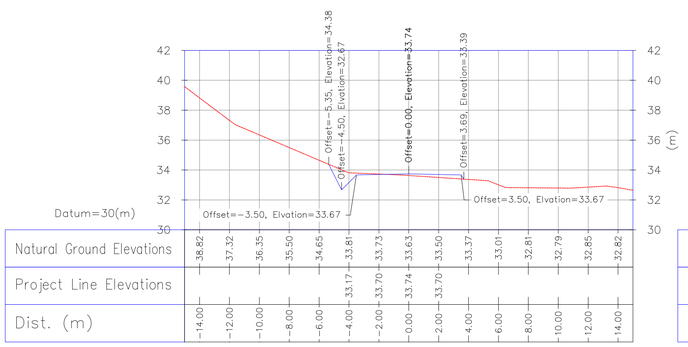
Natural Ground Elevations	38.57	36.71	35.40	34.38	33.36	32.86	32.84	32.86	32.79	32.50	31.98	31.09	30.14	29.20	28.30													
Project Line Elevations							33.12	33.16	33.12																			
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00													

0+683.40



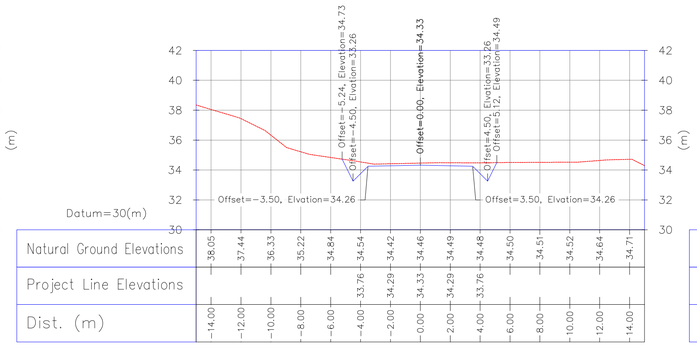
Natural Ground Elevations	38.43	36.62	35.40	34.51	33.62	33.17	33.09	32.99	32.90	32.48	31.53	30.53	30.03	29.75	29.42													
Project Line Elevations							33.32	33.36	33.32	32.53																		
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00													

0+690.00



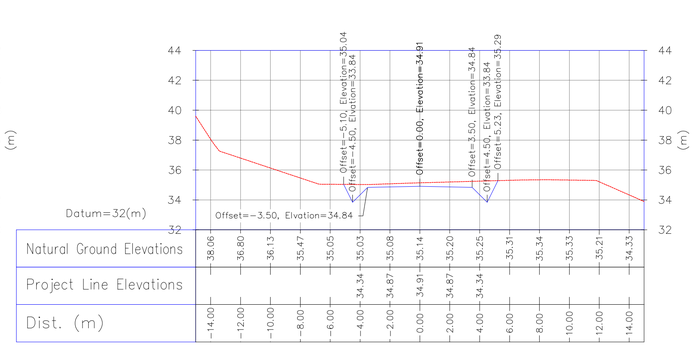
Natural Ground Elevations	38.82	37.32	36.35	35.50	34.65	33.81	33.73	33.63	33.50	33.37	33.01	32.81	32.79	32.85	32.82													
Project Line Elevations						33.17	33.70	33.74	33.70																			
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00													

0+700.00



Natural Ground Elevations	38.05	37.44	36.33	35.22	34.84	34.54	34.42	34.46	34.49	34.48	34.50	34.51	34.52	34.64	34.71													
Project Line Elevations						33.76	34.29	34.33	34.29	33.76																		
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00													

0+710.00



Natural Ground Elevations	38.06	36.80	36.13	35.47	35.05	35.03	35.08	35.14	35.20	35.25	35.31	35.34	35.33	35.21	34.33													
Project Line Elevations						34.34	34.87	34.91	34.87	34.34																		
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00													

1:200 Wellpad Access Road Transversal Sections

Bench Mark List

Name	Easting(m)	Northing(m)	Elevation(m)
BM46	434828.378	3295176.513	27.976
BM47	434927.199	3294904.707	30.435
GPS3	435475.041	3294403.599	66.867
GPS1	435686.115	3294303.397	78.025

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 SOIL SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION

LEGEND

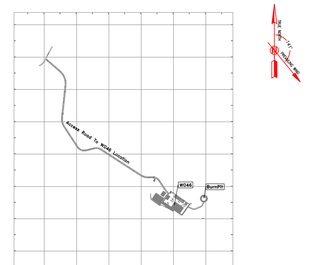
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W046S	BK-W046S-PEDCO-110-CV-PY-0001
Rough Grading Plans -W046S	BK-W046S-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

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.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**

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 W046S 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
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

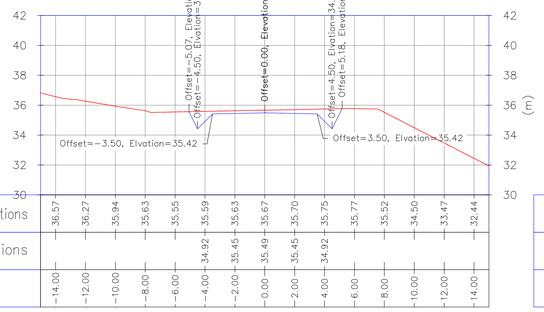
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
ACCESS ROAD TRANSVERSAL SECTIONS KM 650 ~710(m)

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
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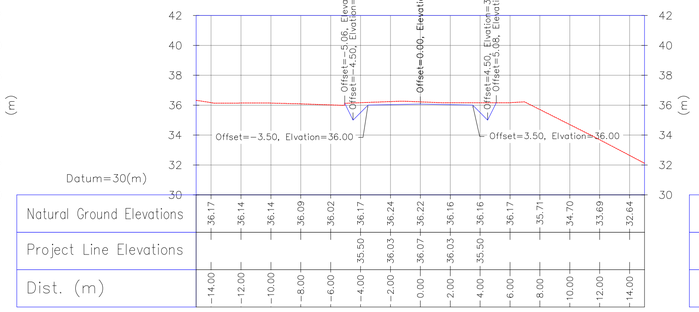
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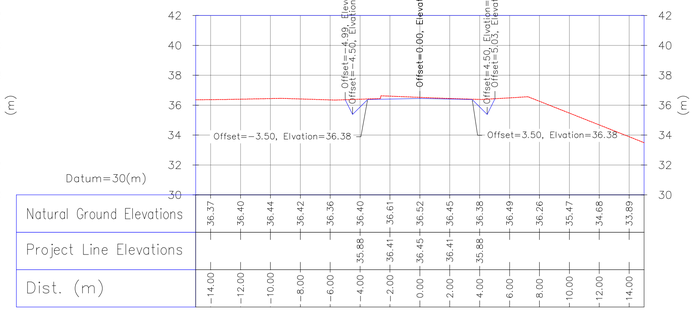
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Project Line Elevations						34.92	35.45	35.49	35.45	34.92					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+730.00



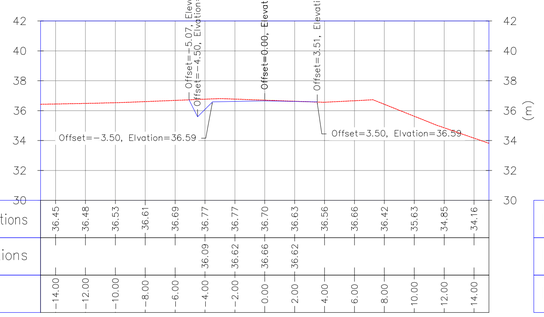
Natural Ground Elevations	36.17	36.14	36.14	36.09	36.02	36.17	36.24	36.22	36.16	36.16	36.17	35.71	34.70	33.69	32.64
Project Line Elevations						35.50	36.03	36.07	36.03	35.50					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

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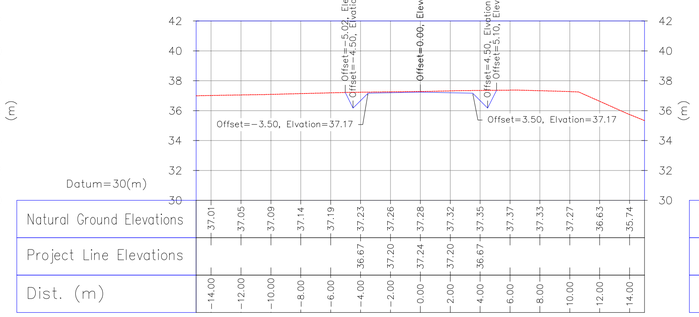
Natural Ground Elevations	36.37	36.40	36.44	36.42	36.36	36.40	36.61	36.52	36.45	36.38	36.49	36.26	35.47	34.68	33.89
Project Line Elevations						35.88	36.41	36.45	36.41	35.88					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+740.00



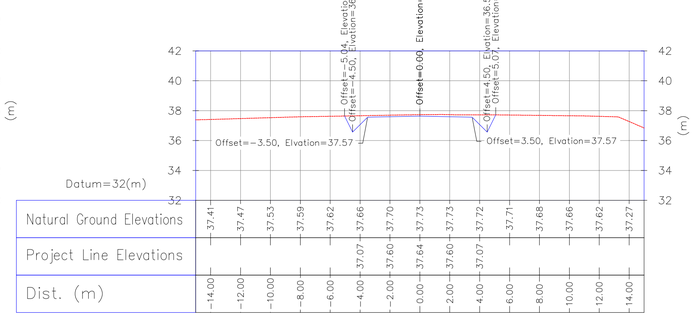
Natural Ground Elevations	36.45	36.48	36.53	36.61	36.69	36.77	36.77	36.70	36.63	36.56	36.66	36.42	35.63	34.85	34.16
Project Line Elevations						36.09	36.62	36.66	36.62						
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+750.00



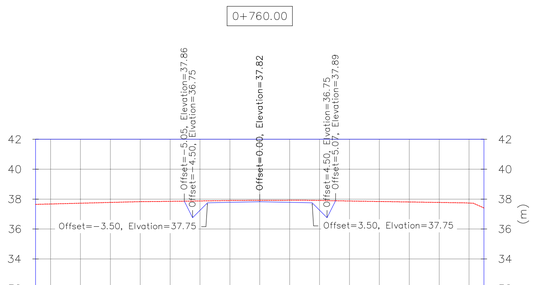
Natural Ground Elevations	37.01	37.05	37.09	37.14	37.19	37.23	37.26	37.28	37.32	37.35	37.37	37.33	37.27	36.63	35.74
Project Line Elevations						36.67	37.20	37.24	37.20	36.67					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

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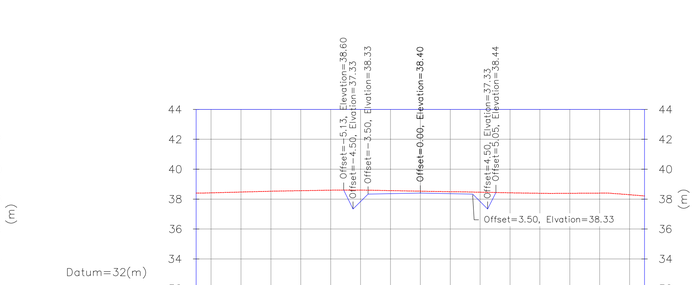
Natural Ground Elevations	37.41	37.47	37.53	37.59	37.62	37.66	37.70	37.73	37.73	37.72	37.71	37.68	37.66	37.62	37.27
Project Line Elevations						37.07	37.60	37.64	37.60	37.07					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+760.00



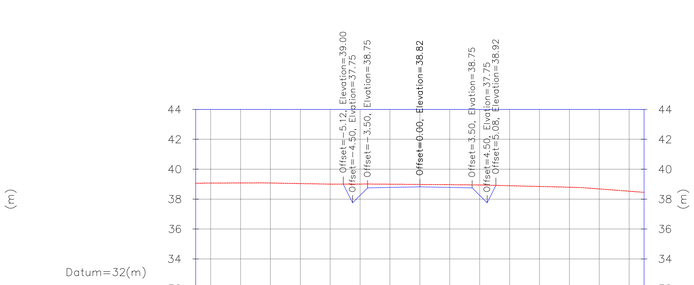
Natural Ground Elevations	37.67	37.73	37.78	37.83	37.85	37.88	37.90	37.92	37.92	37.91	37.87	37.84	37.81	37.78	37.74
Project Line Elevations						37.25	37.78	37.82	37.78	37.25					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+770.00



Natural Ground Elevations	38.42	38.47	38.53	38.56	38.60	38.60	38.57	38.53	38.49	38.46	38.42	38.39	38.39	38.40	38.29
Project Line Elevations						37.83	38.36	38.40	38.36	37.83					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+777.18



Natural Ground Elevations	39.07	39.08	39.08	39.04	39.00	39.01	39.00	38.98	38.96	38.94	38.90	38.84	38.79	38.68	38.53
Project Line Elevations						38.25	38.78	38.82	38.78	38.25					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

1:200 Wellpad Access Road Transversal Sections

Bench Mark List

Name	Easting(m)	Northing(m)	Elevation(m)
BM46	434828.378	3295176.513	27.976
BM47	434927.199	3294904.707	30.435
GPS3	435475.041	3294403.599	66.867
GPS1	435686.115	3294303.397	78.025

NOTES

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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.
5-BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP SOIL SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION

LEGEND

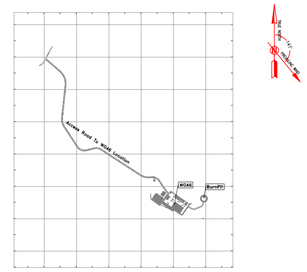
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W046S	BK-W046S-PEDCO-110-CV-PY-0001
Rough Grading Plans -W046S	BK-W046S-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

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.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
PROJECT NO.: 971020
EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S ACCESS ROAD TRANSVERSAL SECTIONS KM 720 ~777.18(m)

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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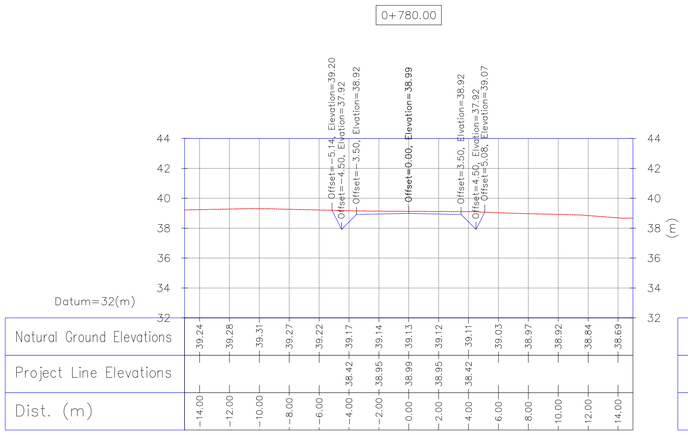
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

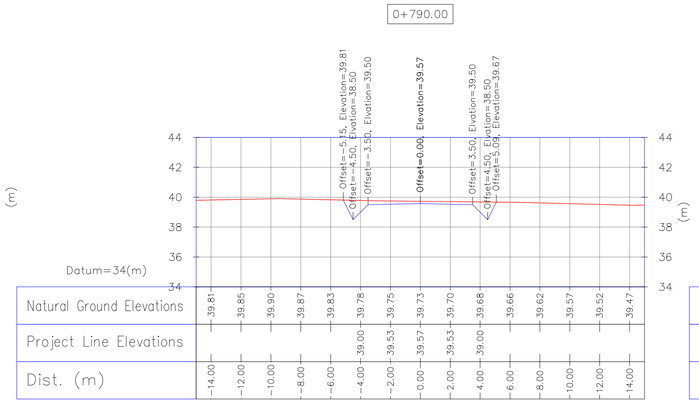
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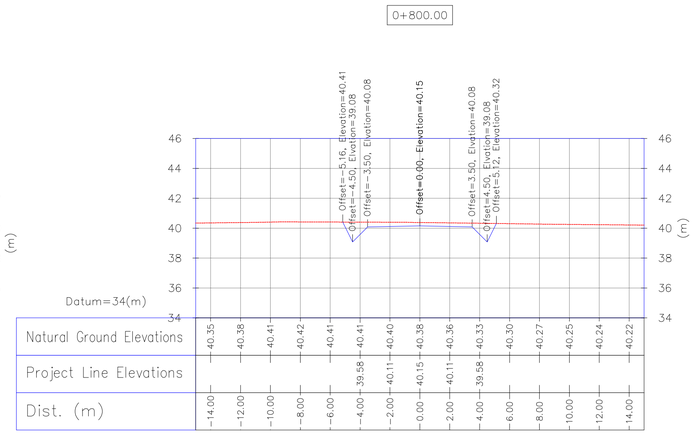
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION | BY: | DATE:

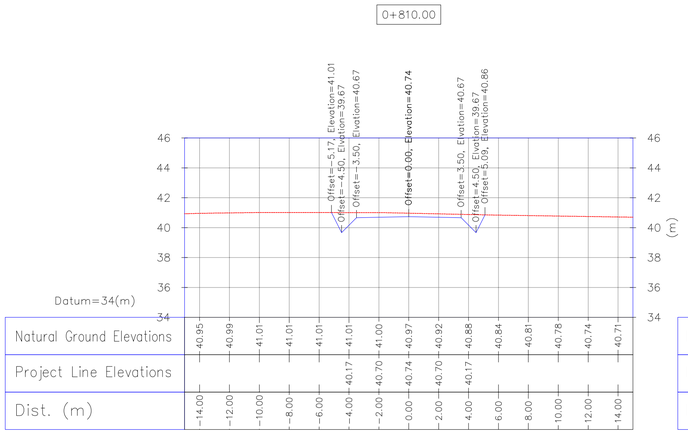
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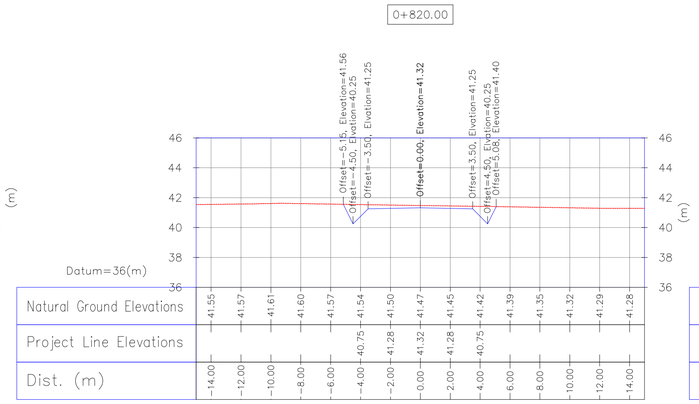
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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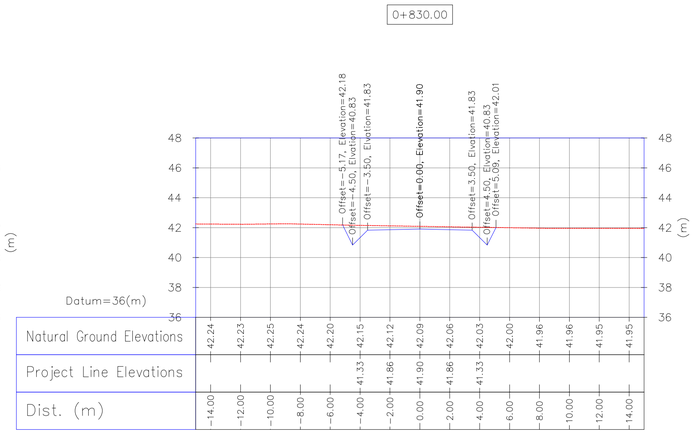


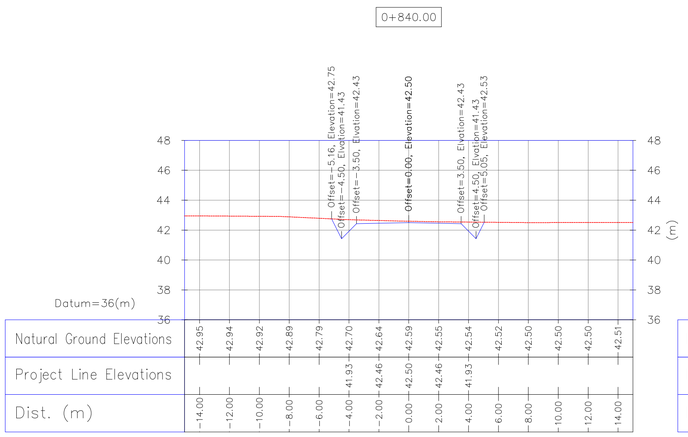


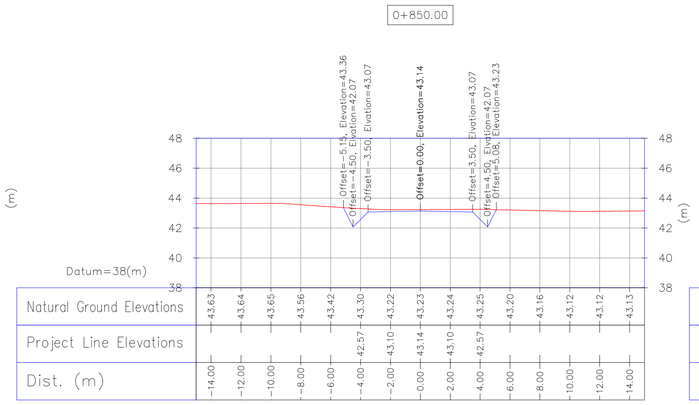


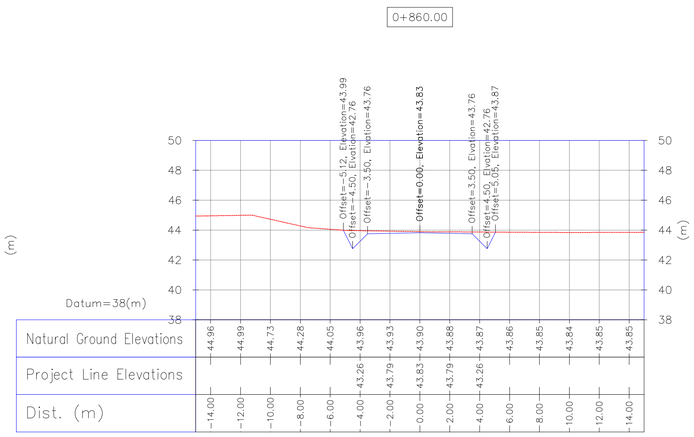












1:200 Wellpad Access Road Transversal Sections

Bench Mark List			
Name	Easting(m)	Northing(m)	Elevation(m)
BM46	434828.378	3295176.513	27.976
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GPS1	435686.115	3294303.397	78.025

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LEGEND

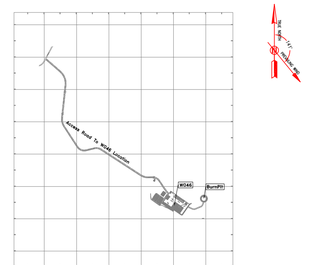
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
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WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
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CULVERT

REFERENCE DRAWING	DRG. No.
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Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

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
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KEY PLAN



REV.	DATE	DESCRIPTION	BY	DATE	BY	DATE
			CHECKED		REV. APPR.	
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

*** ********** **.** ***.**** **.** ***.****

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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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S 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
W046S WELLHEAD FACILITIES

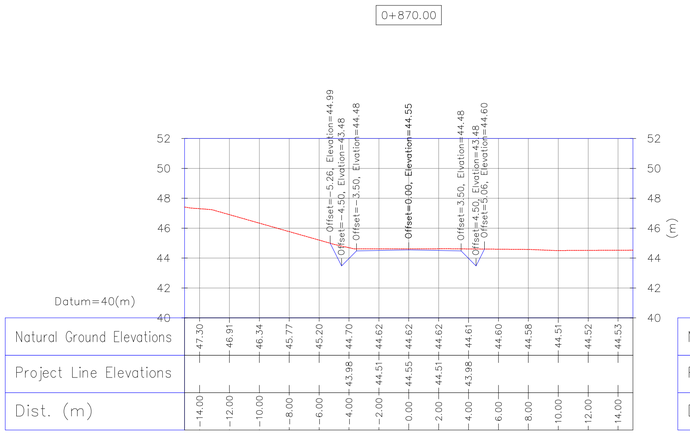
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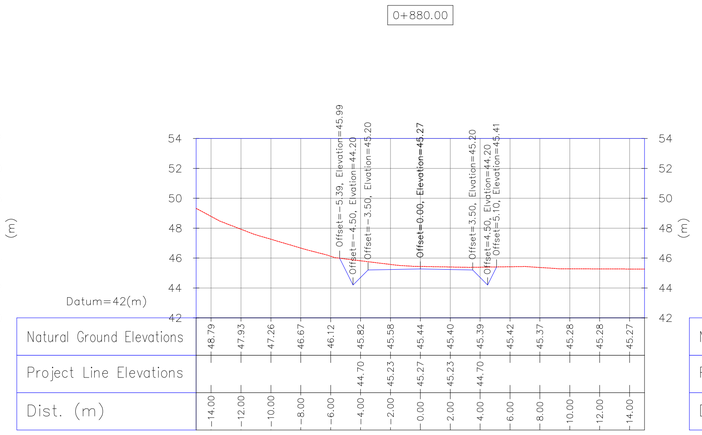
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ACCESS ROAD TRANSVERSAL SECTIONS KM 780 ~860(m)

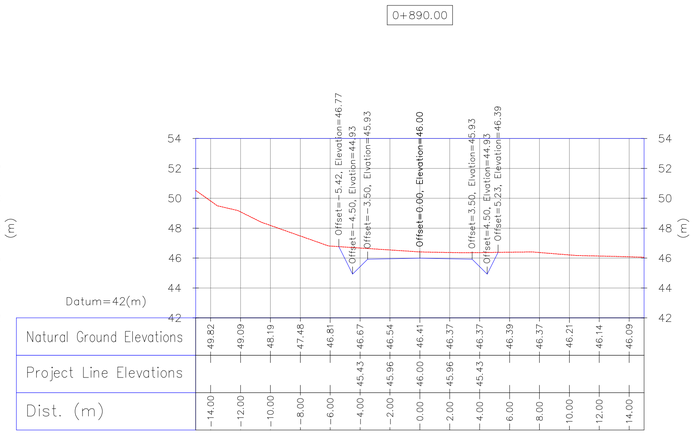
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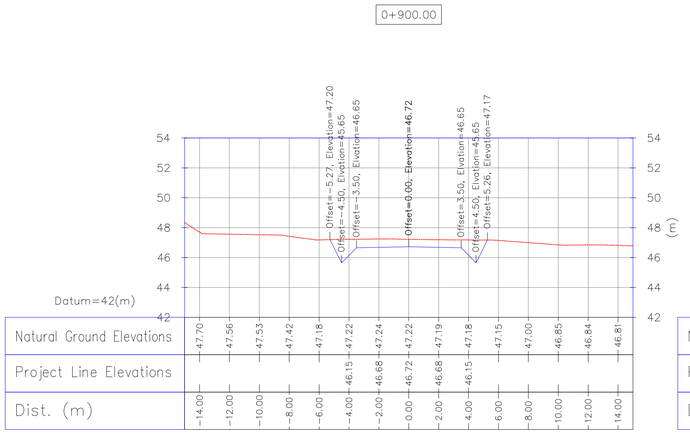
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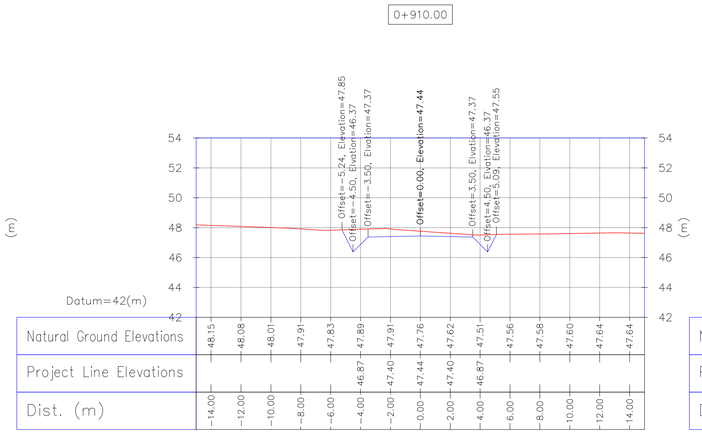
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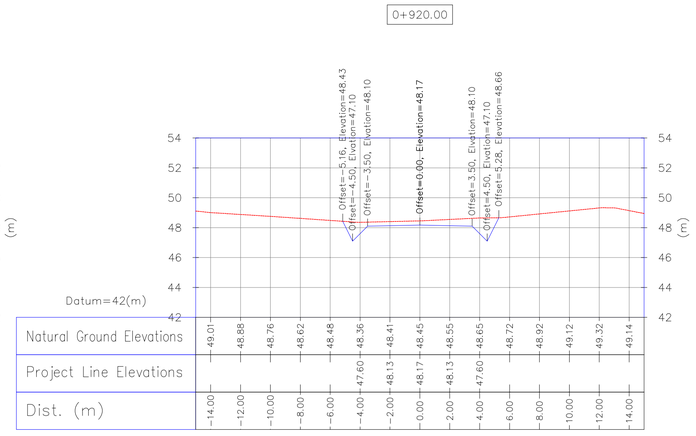


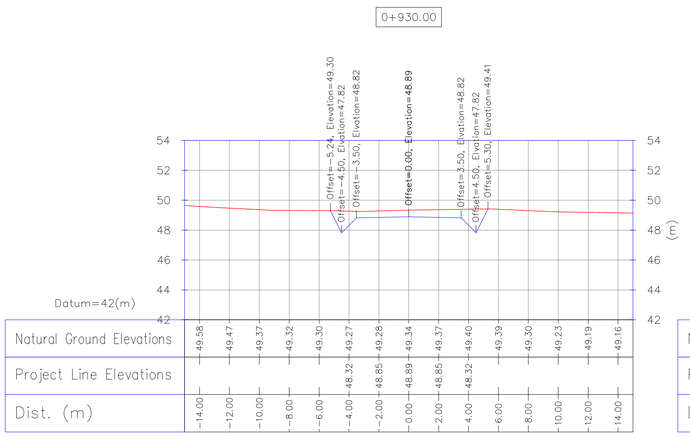


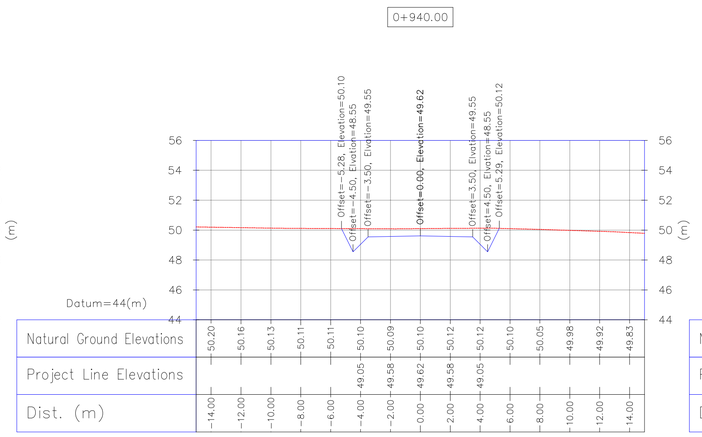


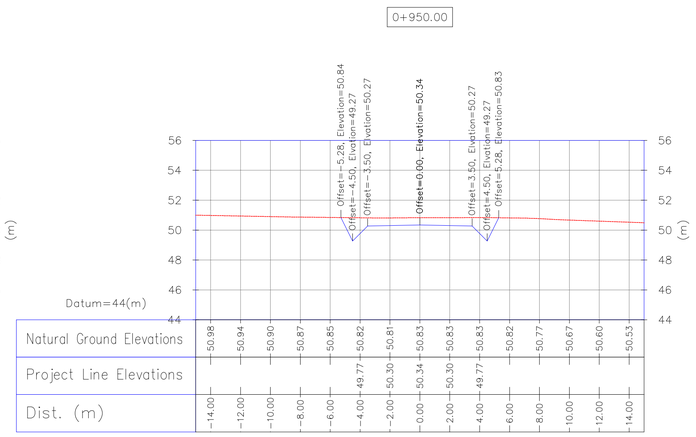












1:200 Wellpad Access Road Transversal Sections

Bench Mark List

Name	Easting(m)	Northing(m)	Elevation(m)
BM46	434828.378	3295176.513	27.976
BM47	434927.199	3294904.707	30.435
GPS3	435475.041	3294403.599	66.867
GPS1	435686.115	3294303.397	78.025

NOTES

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HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
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VERTICAL DATUM: MSL
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LEGEND

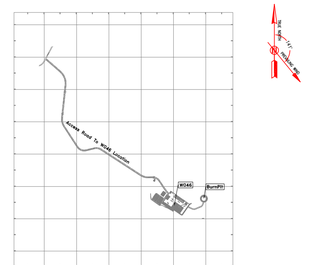
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
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Rough Grading Plans -W046S	BK-W046S-PEDCO-110-CV-DW-0001
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KEY PLAN



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D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
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REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S 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
W046S WELLHEAD FACILITIES

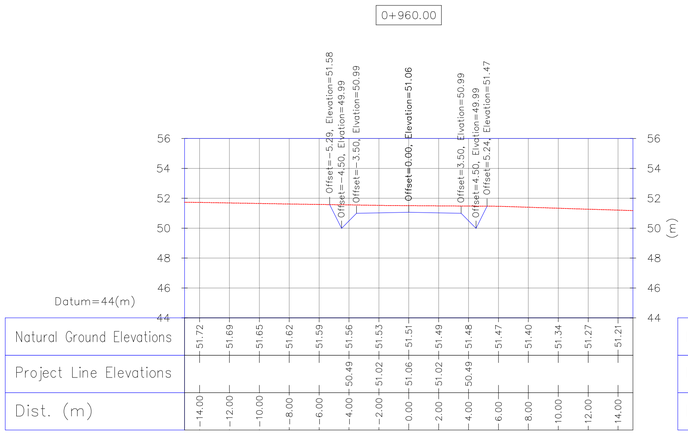
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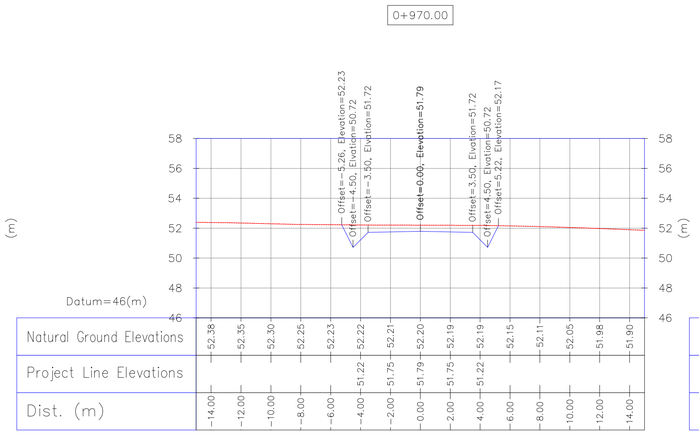
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
ACCESS ROAD TRANSVERSAL SECTIONS KM 870 ~950(m)

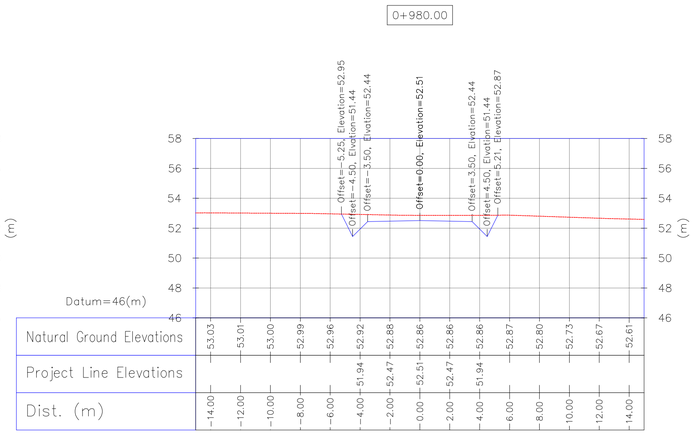
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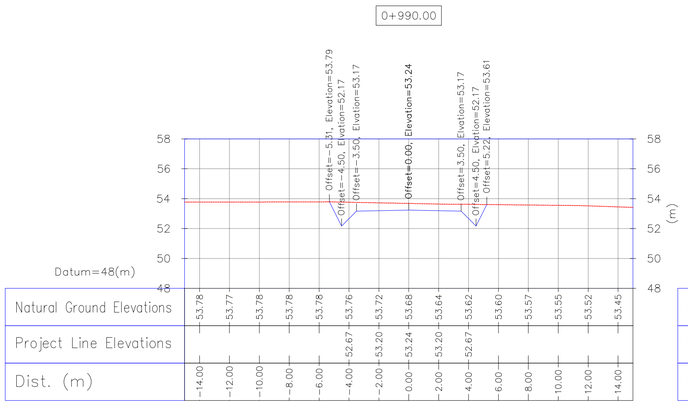
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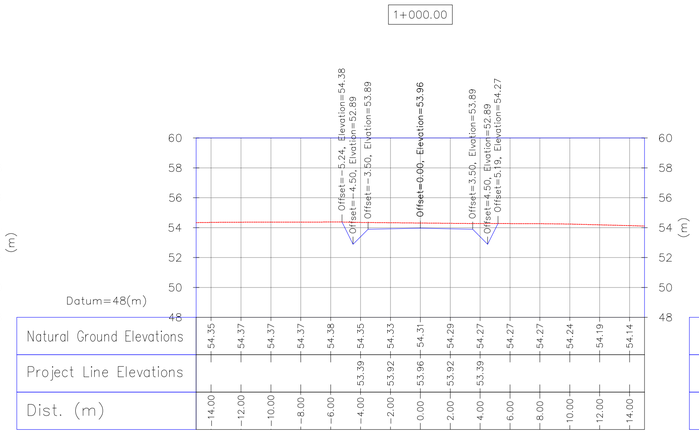
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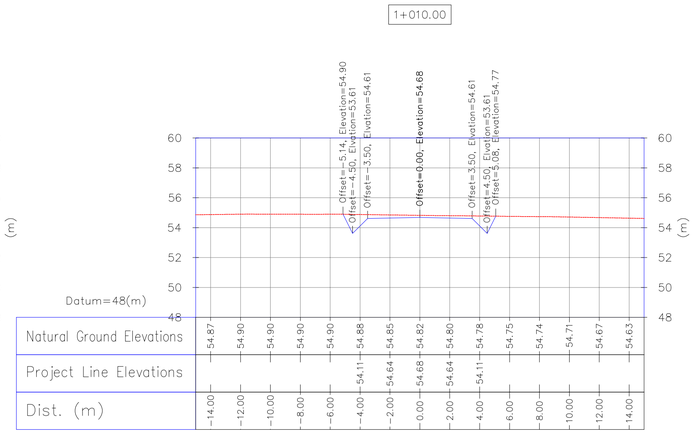


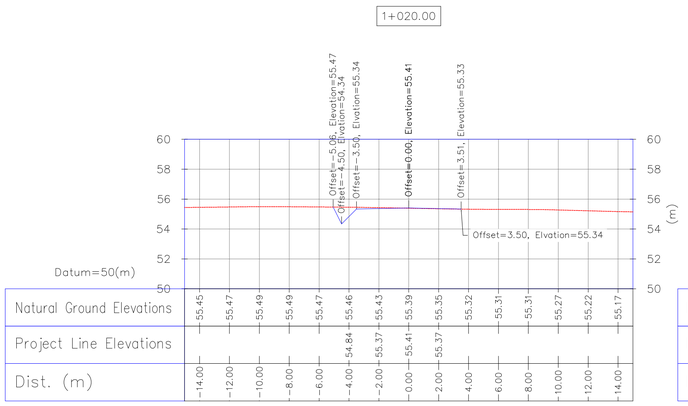


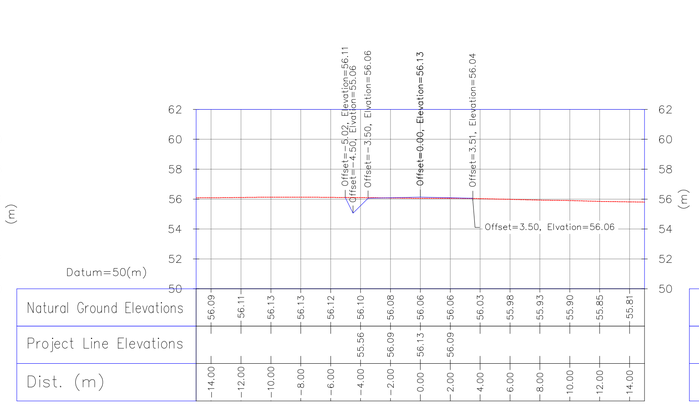


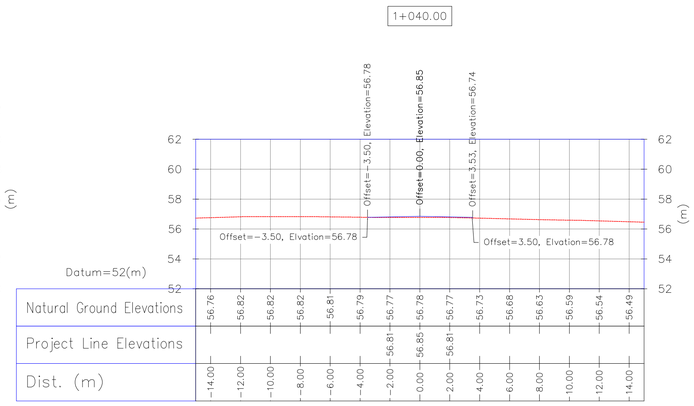












1:200 Wellpad Access Road Transversal Sections

NOTES

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LEGEND

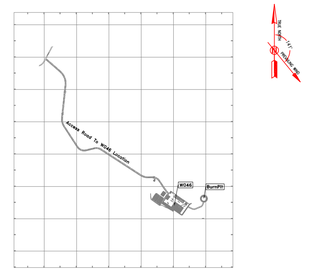
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W046S	BK-W046S-PEDCO-110-CV-PY-0001
Rough Grading Plans -W046S	BK-W046S-PEDCO-110-CV-DW-0001
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KEY PLAN



Bench Mark List

Name	Easting(m)	Northing(m)	Elevation(m)
BM46	434828.378	3295176.513	27.976
BM47	434927.199	3294904.707	30.435
GPS3	435475.041	3294403.599	66.867
GPS1	435686.115	3294303.397	78.025

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
PROJECT NO.: 971020
EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
ACCESS ROAD TRANSVERSAL SECTIONS KM 960 ~1040(m)

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
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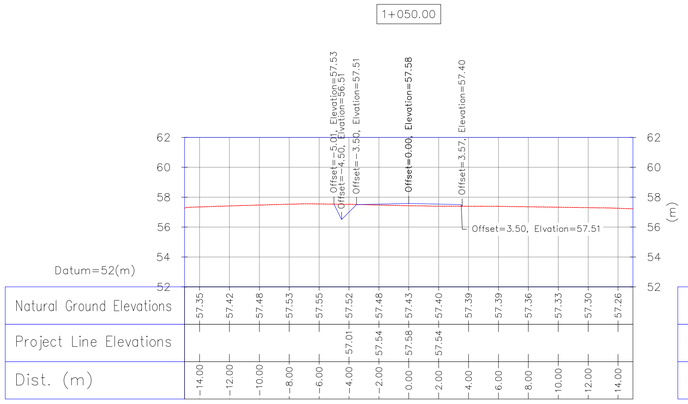
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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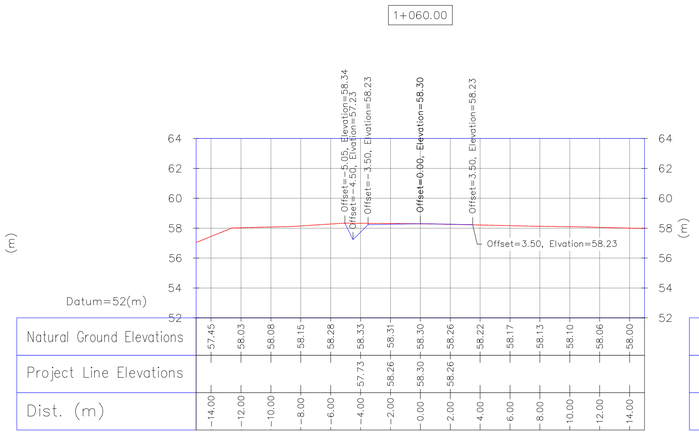
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

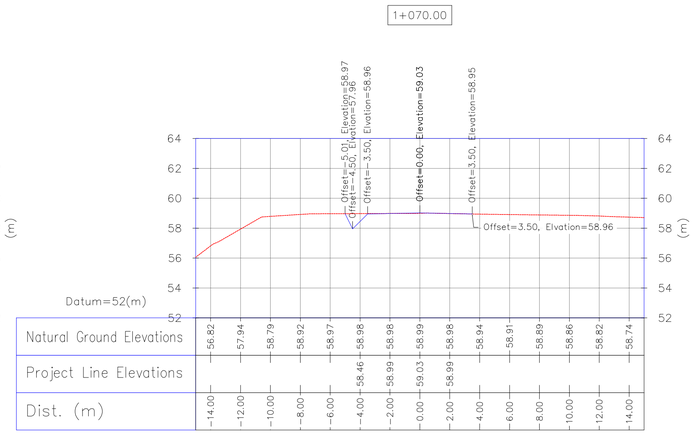
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

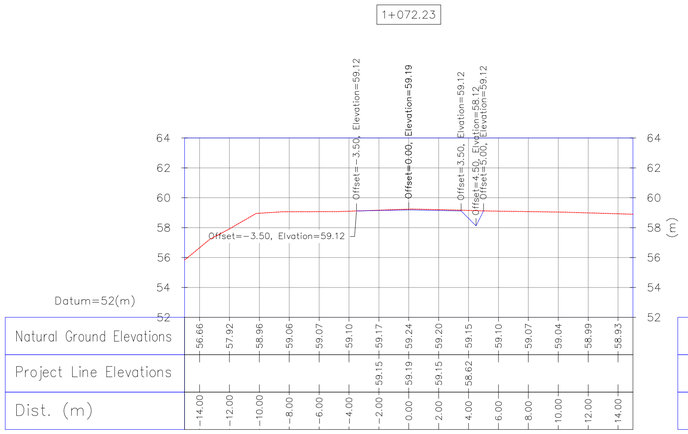
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APPROVED FOR CONSTRUCTION BY: DATE:

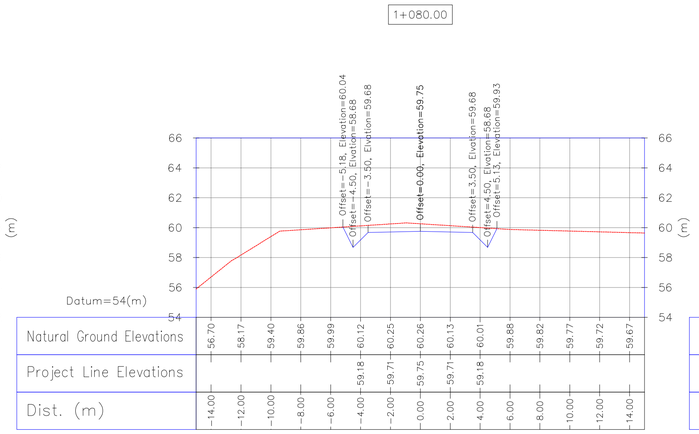
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	36	D02

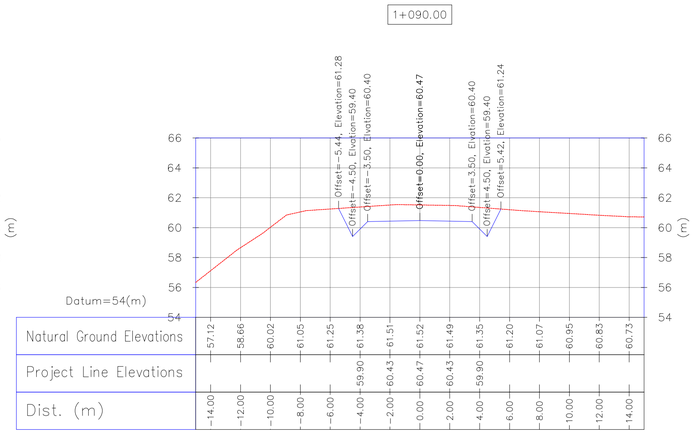


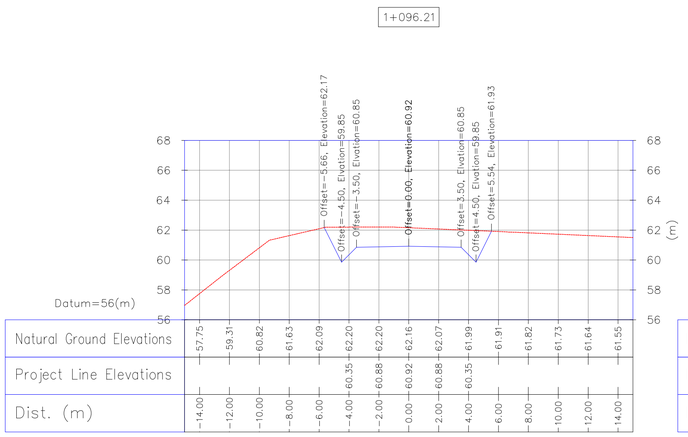


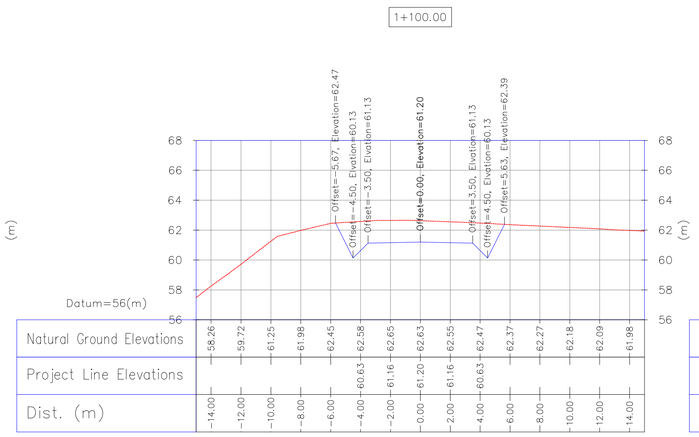


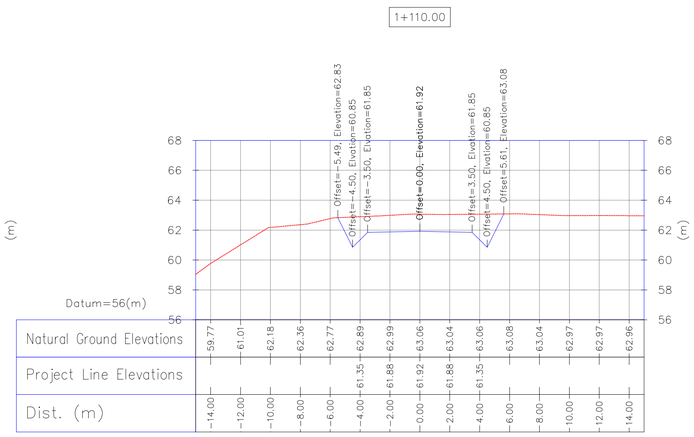












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LEGEND

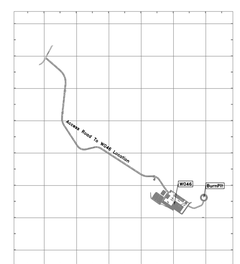
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W046S	BK-W046S-PEDCO-110-CV-PY-0001
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ABBREVIATION

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KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
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
W046S WELLHEAD FACILITIES

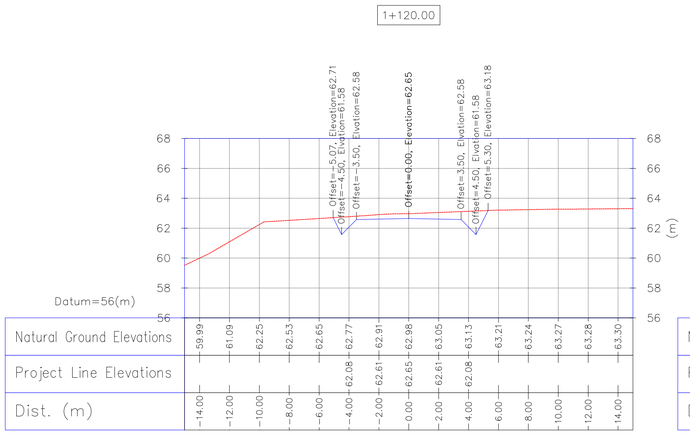
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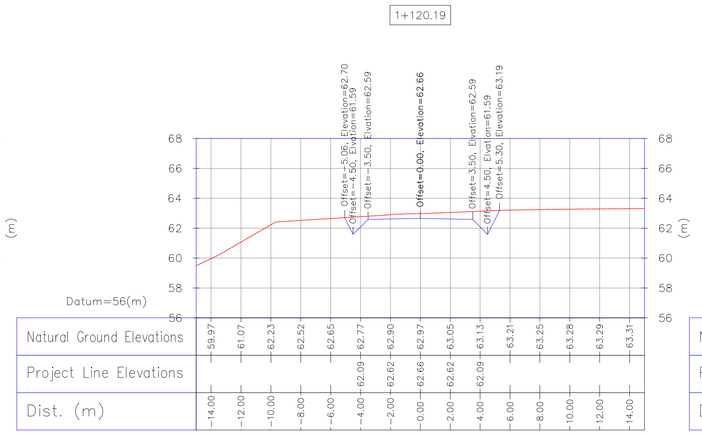
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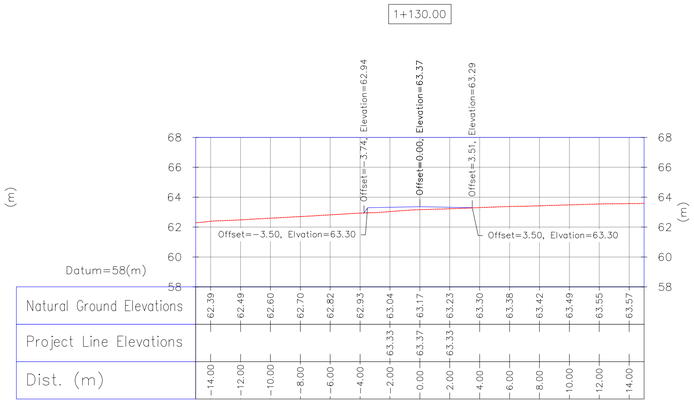
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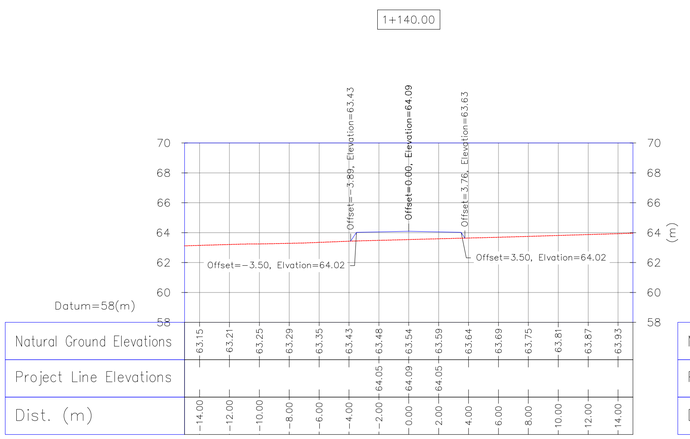
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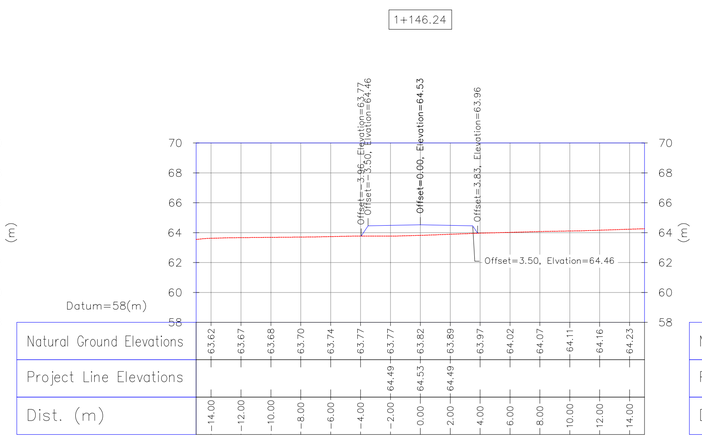
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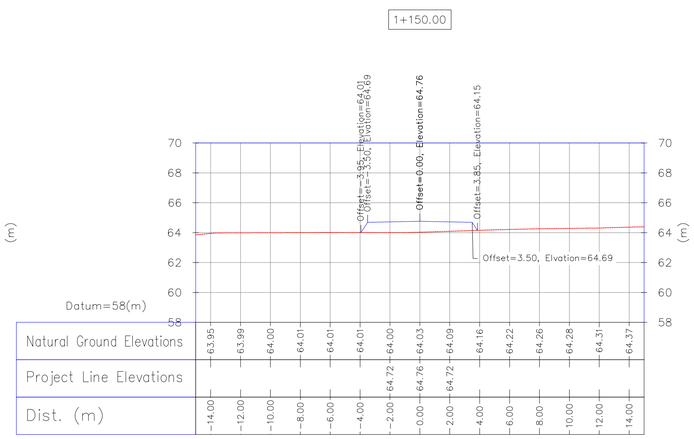


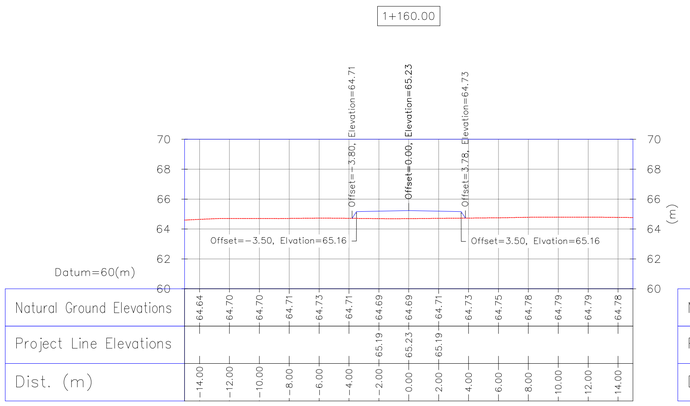


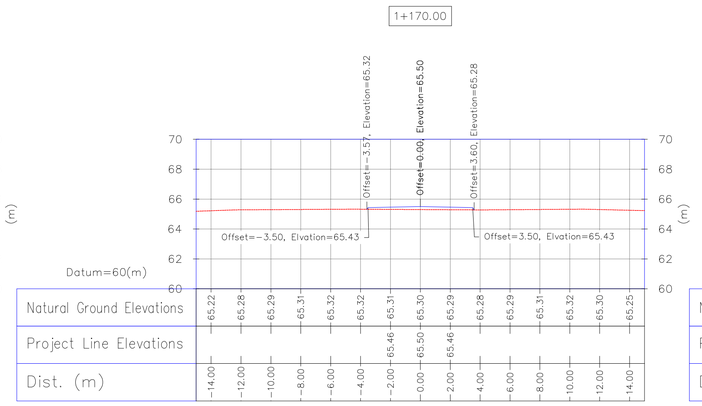


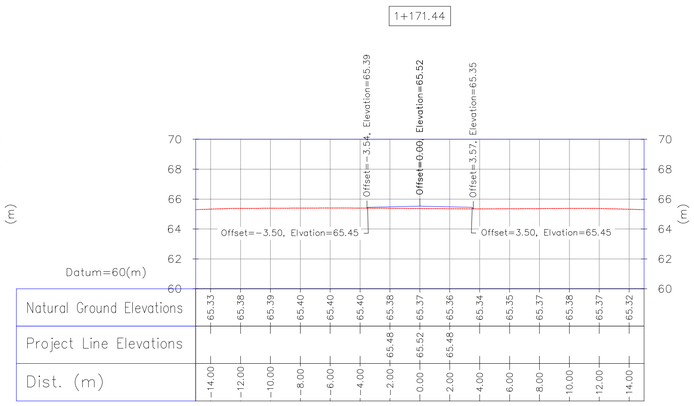












Wellpad Access Road Transversal Sections
1:200

Bench Mark List

Name	Easting(m)	Northing(m)	Elevation(m)
BM46	434828.378	3295176.513	27.976
BM47	434927.199	3294904.707	30.435
GPS3	435475.041	3294403.599	66.867
GPS1	435686.115	3294303.397	78.025

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

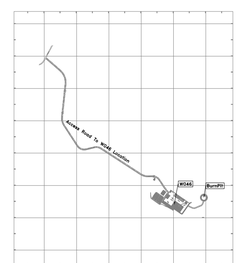
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
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CANAL
RIVER
WATER COURSE
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REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
PROJECT NO.: 971020

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DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
ACCESS ROAD TRANSVERSAL SECTIONS KM 1120 ~1171.44(m)

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
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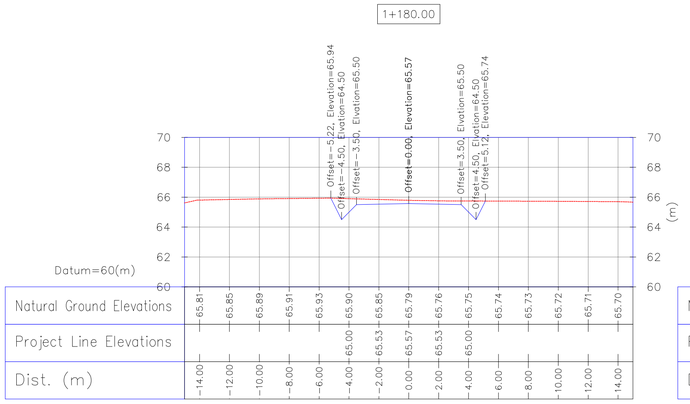
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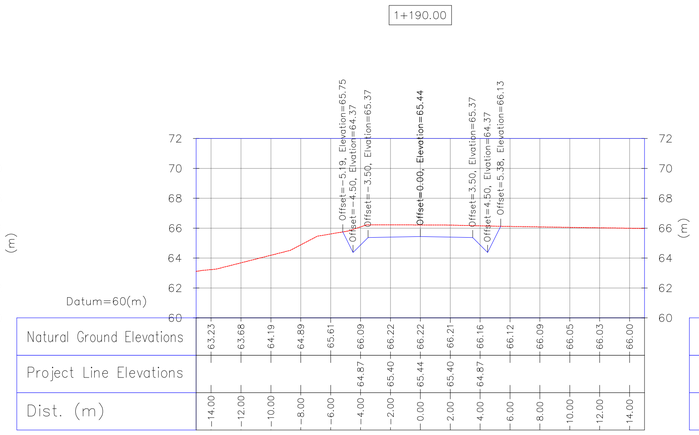
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

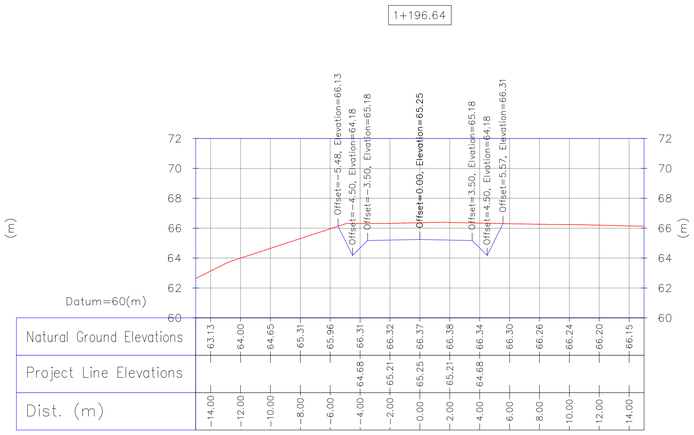
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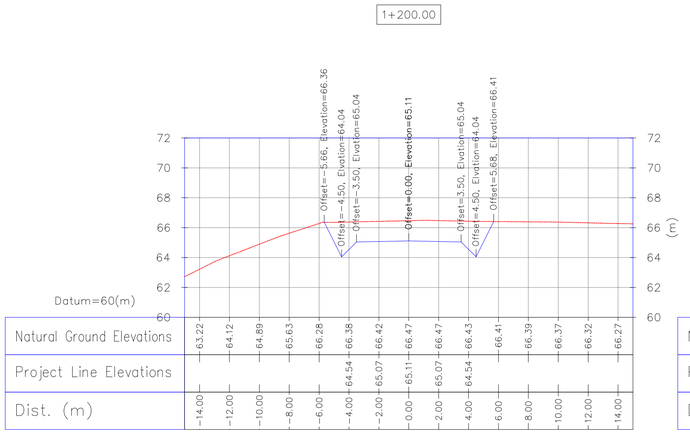
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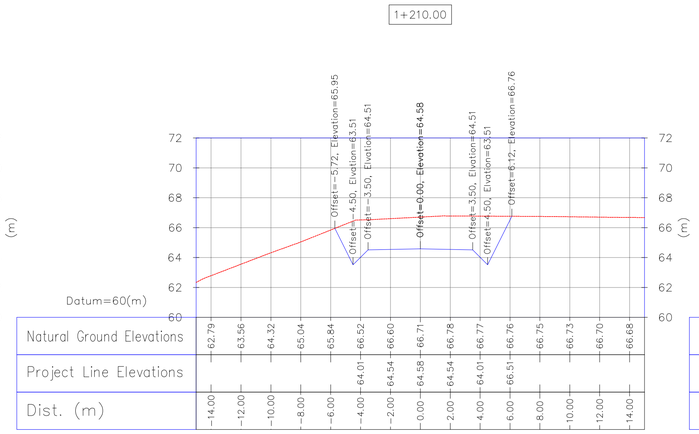
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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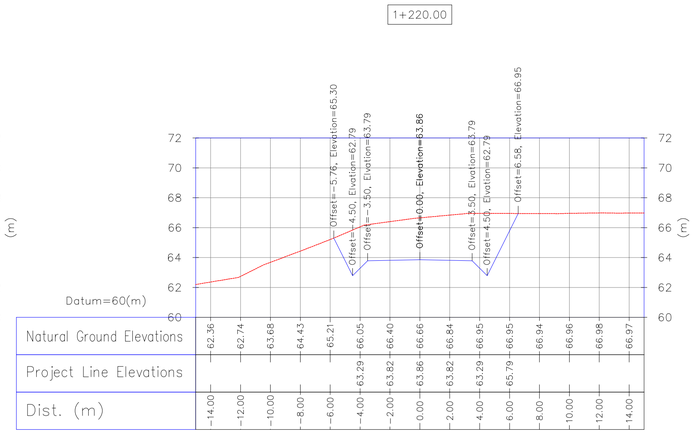


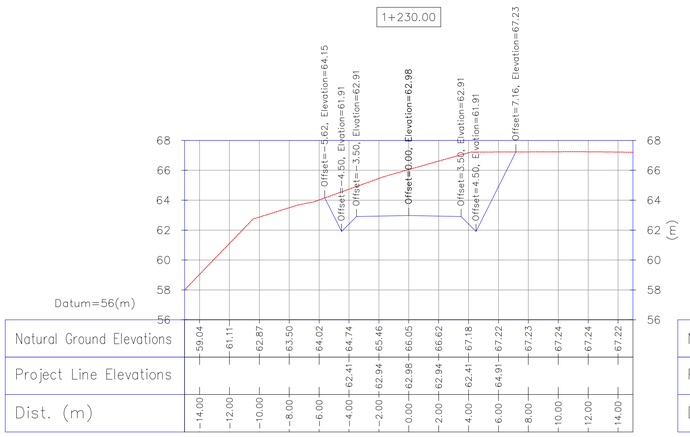


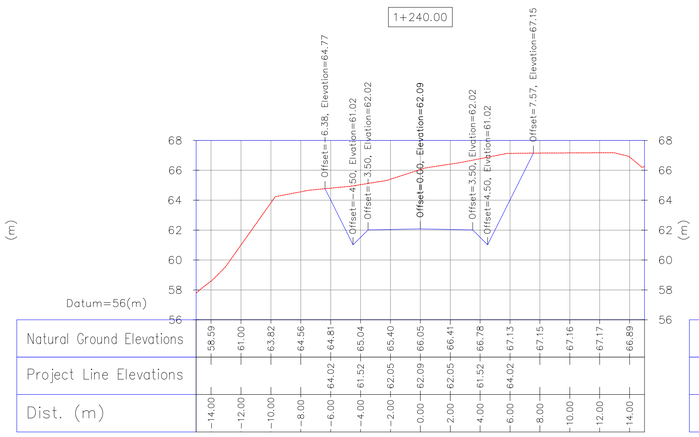


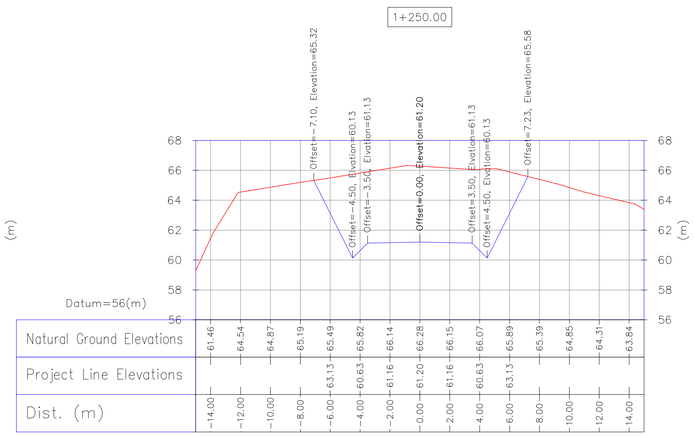












1:200 Wellpad Access Road Transversal Sections

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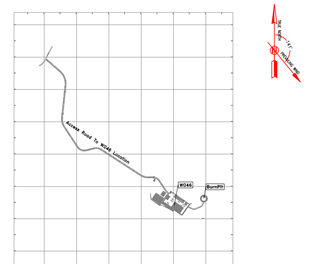
WELL LOCATION
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EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

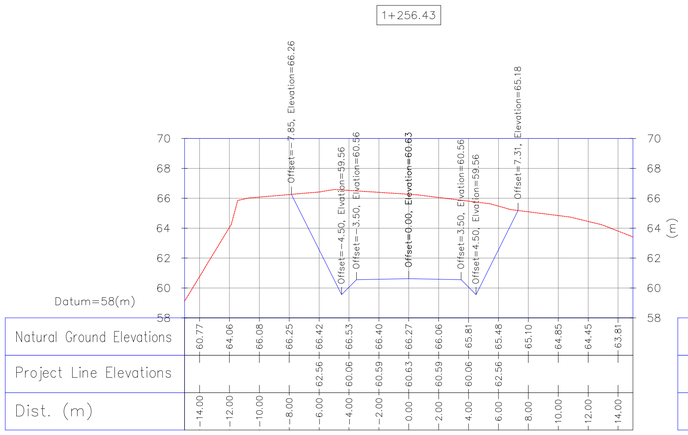
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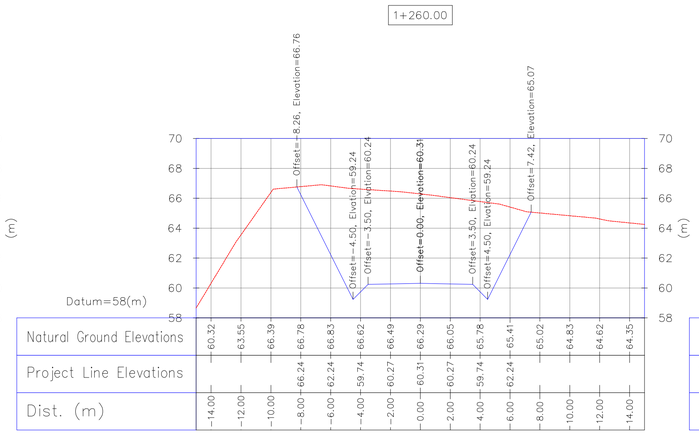
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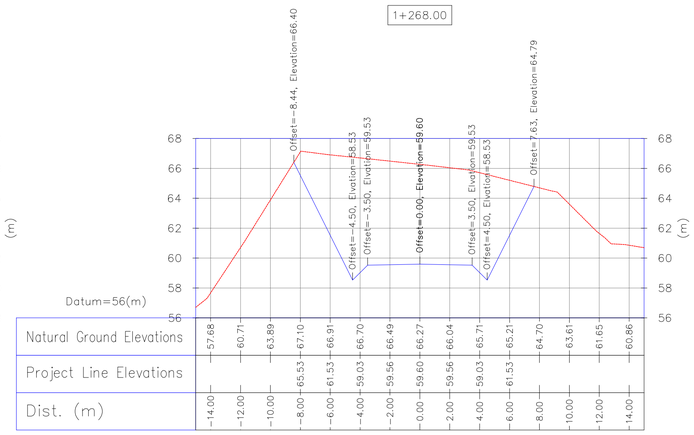
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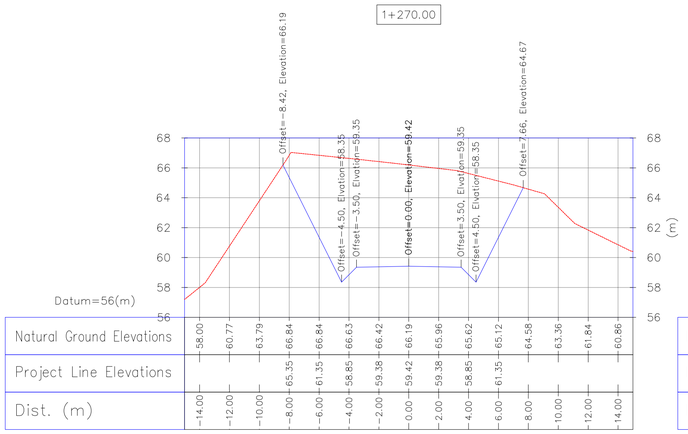
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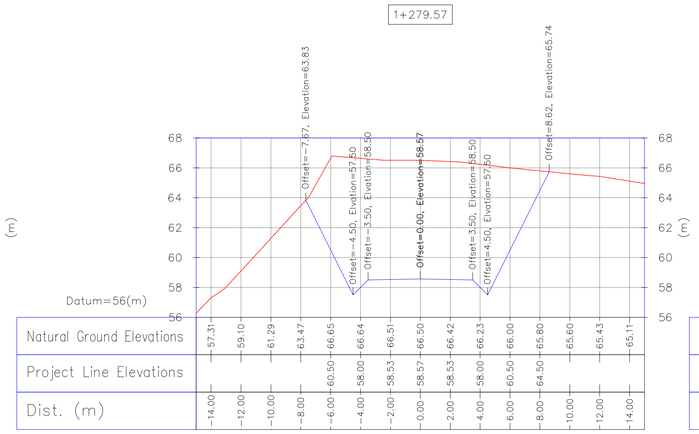
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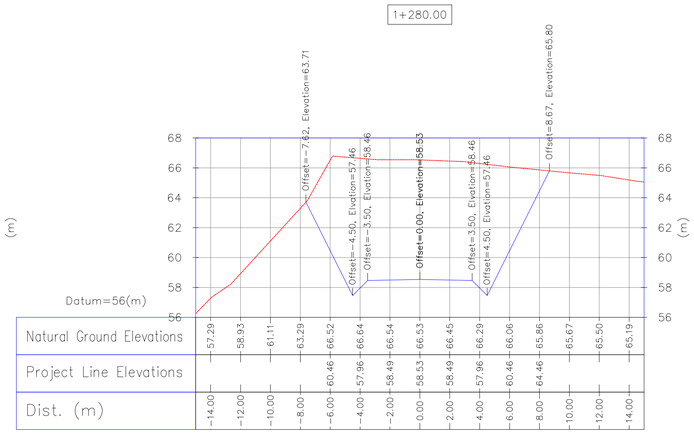


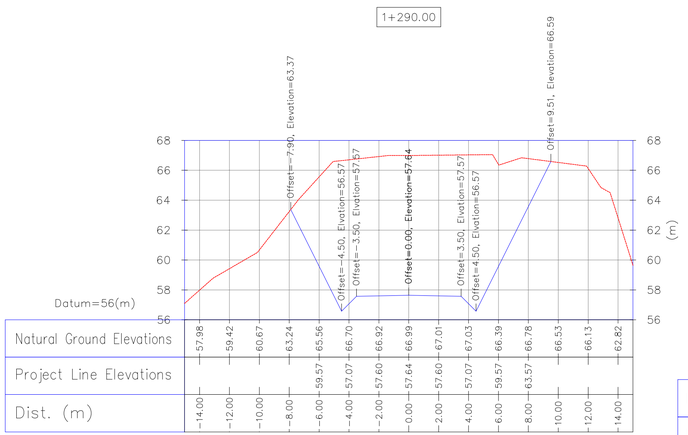


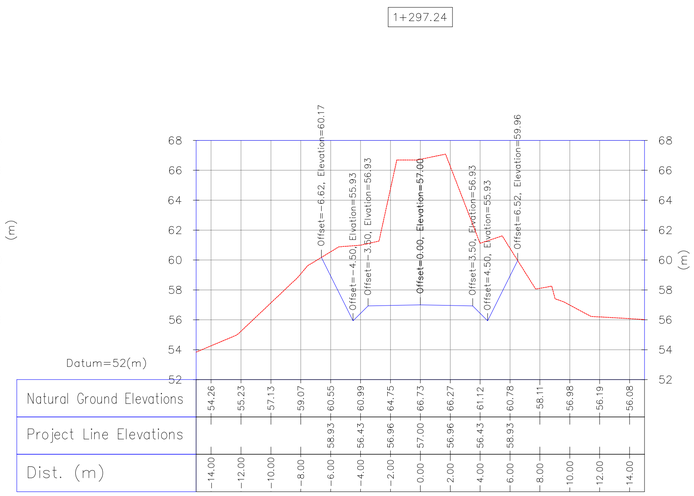












Wellpad Access Road Transversal Sections
1:200

Bench Mark List

Name	Easting(m)	Northing(m)	Elevation(m)
BM46	434828.378	3295176.513	27.976
BM47	434927.199	3294904.707	30.435
GPS3	435475.041	3294403.599	66.867
GPS1	435686.115	3294303.397	78.025

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:
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 SOIL SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION

LEGEND

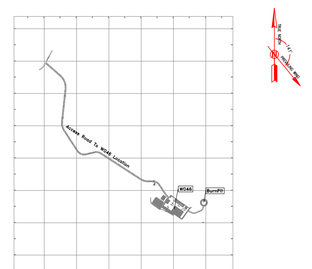
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W046S	BK-W046S-PEDCO-110-CV-PY-0001
Rough Grading Plans -W046S	BK-W046S-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

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.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
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
W046S WELLHEAD FACILITIES

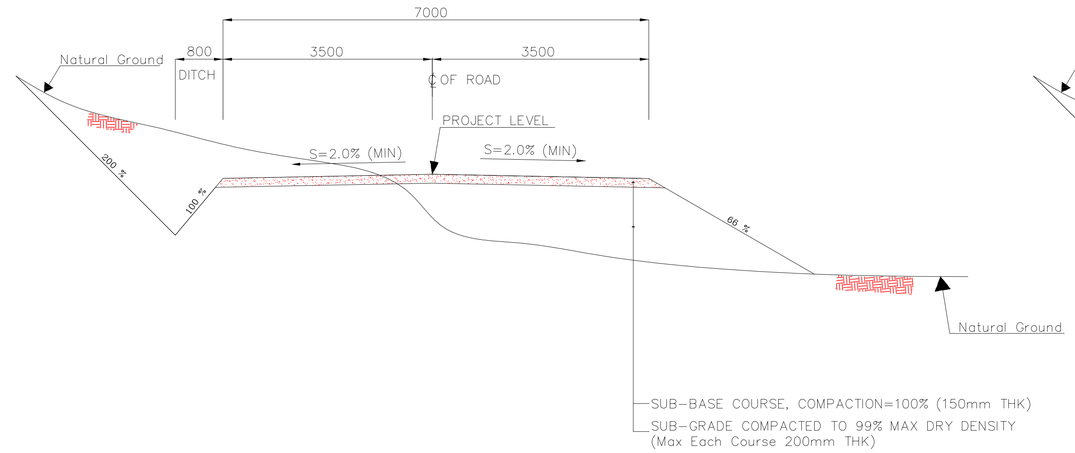
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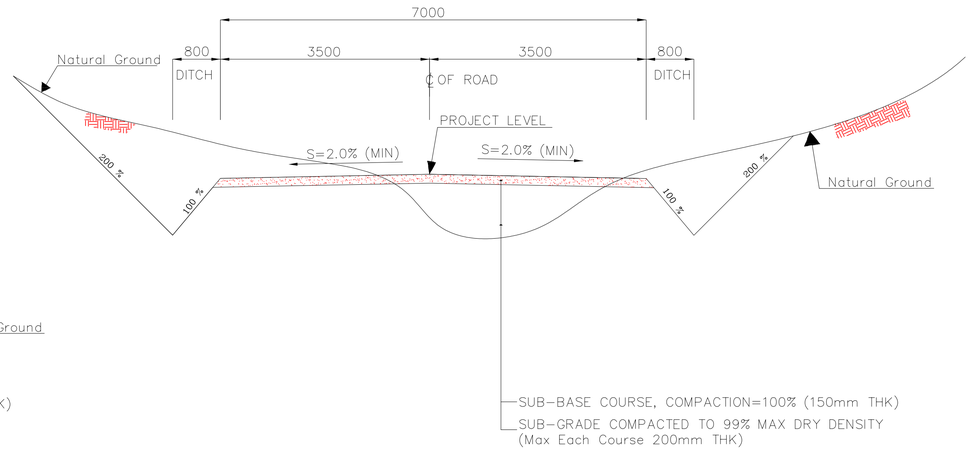
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ACCESS ROAD TRANSVERSAL SECTIONS KM 1256.43 ~1297.24M

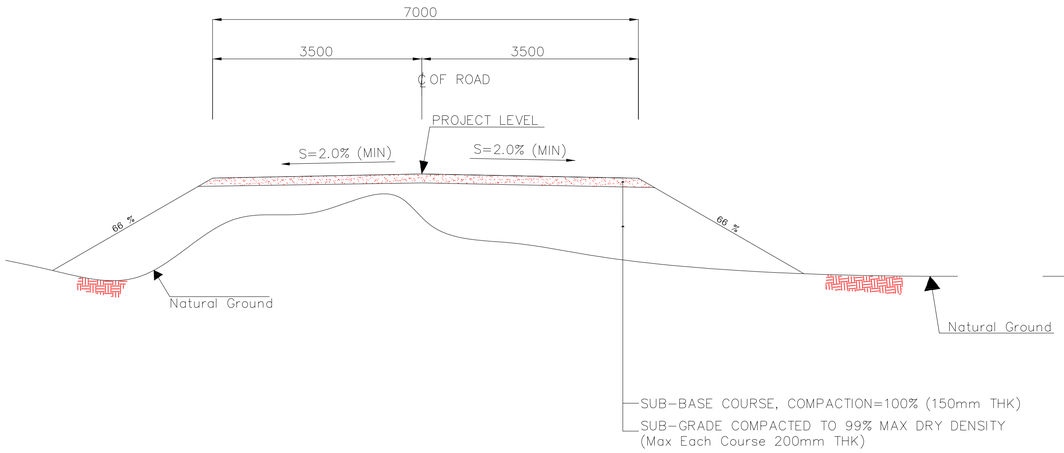
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APPROVED FOR CONSTRUCTION BY: DATE:

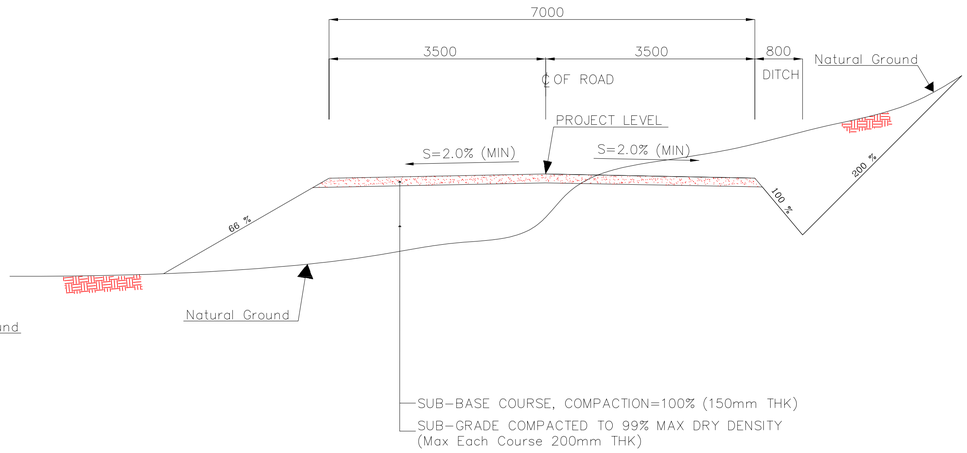
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AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	40 of 46	D02

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	40	D02









N.T.S. 1 TYPICAL CROSS SECTIONS (Access Road)

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

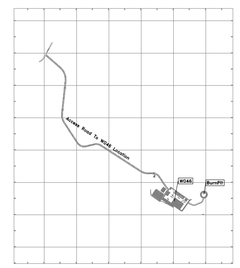
WELL LOCATION		CANAL	
WELL		RIVER	
SITE		WATER COURSE	
CAMP SITE	60 / 50	CONTOURS	
ASPHALT ROAD	99.27	SPOT HEIGHT	
GRAVEL ROAD		BENCH MARK	
PROPOSED ROAD		BRIDGE	
DAYLIGHT		CULVERT	

REFERENCE DRAWING	DRG. No.
General Civil Layout -W046S	BK-W046S-PEDCO-110-CV-PY-0001
Rough Grading Plans -W046S	BK-W046S-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
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KEY PLAN



Bench Mark List

Name	Easting(m)	Northing(m)	Elevation(m)
BM46	434828.378	3295176.513	27.976
BM47	434927.199	3294904.707	30.435
GPS3	435475.041	3294403.599	66.867
GPS1	435686.115	3294303.397	78.025

D02 Totally Revised

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
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
W046S WELLHEAD FACILITIES

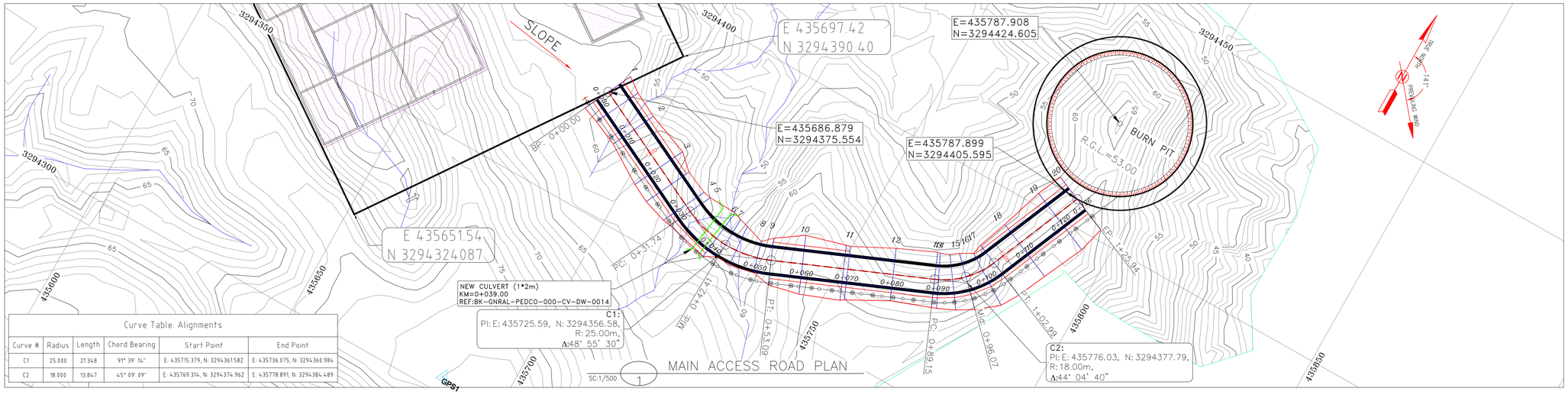
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
TYPICAL CUT&FILL CROSS SEC.(WELL ACCESS ROAD)

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	41 of 46	D02

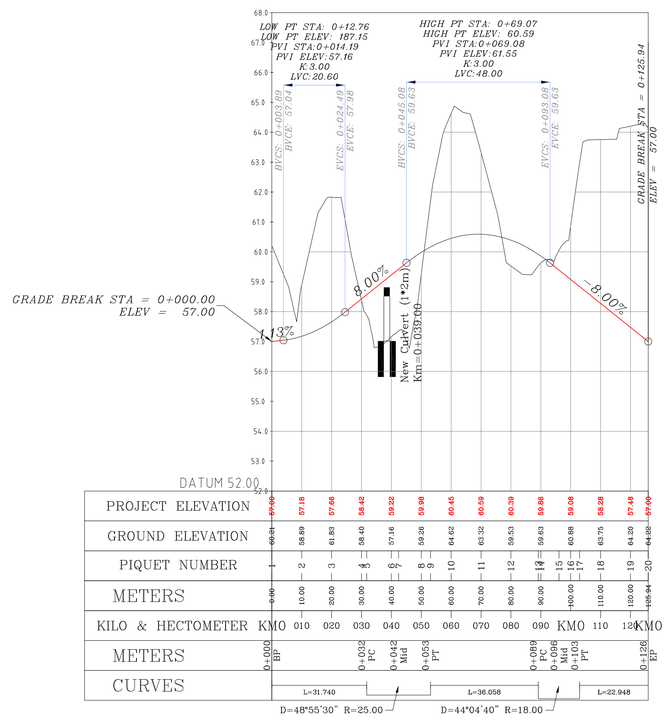
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	41	D02



Curve Table: Alignments					
Curve #	Radius	Length	Chord Bearing	Start Point	End Point
C1	25.000	21.348	91° 39' 14"	E: 435715.379, N: 3294361.582	E: 435736.075, N: 3294360.984
C2	18.000	13.847	45° 09' 09"	E: 435769.314, N: 3294374.962	E: 435778.891, N: 3294384.489

MAIN ACCESS ROAD PLAN

SC:1/500 — 1



MAIN ACCESS ROAD PROFILE

H: 1/1000
V: 1/100 — 2

Bench Mark List			
Name	Easting(m)	Northing(m)	Elevation(m)
BM46	434828.378	3295176.513	27.976
BM47	434927.199	3294904.707	30.435
GPS3	435475.041	3294403.599	66.867
GPS1	435686.115	3294303.397	78.025

Station	Easting	Northing
0+000.000	435686.879	3294375.554
0+010.000	435695.858	3294371.152
0+020.000	435704.837	3294366.750
0+030.000	435713.816	3294362.348
0+031.740	435715.379	3294361.582
0+040.000	435723.256	3294359.226
0+042.414	435725.662	3294359.040
0+050.000	435733.162	3294359.966
0+053.088	435736.075	3294360.984
0+060.000	435742.447	3294363.664
0+070.000	435751.665	3294367.540
0+080.000	435760.883	3294371.417
0+089.146	435769.314	3294374.962
0+090.000	435770.093	3294375.312
0+096.070	435775.030	3294378.793
0+100.000	435777.493	3294381.846
0+102.993	435778.891	3294384.489
0+110.000	435781.641	3294390.933
0+120.000	435785.567	3294400.130
0+125.941	435787.899	3294405.595

PI Station	Easting	Northing
0+000.000	435686.879	3294375.554
0+042.414	435725.591	3294356.575
0+096.070	435776.031	3294377.787
0+125.941	435787.899	3294405.595

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

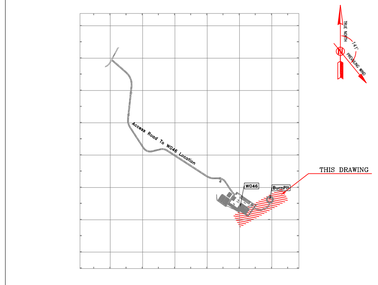
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
PIPE SUPPORT
BURN PIT PIPE LINE
CANAL
RIVER
WATER COURSE
CONTOURS
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W046S	BK-W046S-PEDCO-110-CV-PY-0001
Rough Grading Plans -W046S	BK-W046S-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
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BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION
PI= POINT OF INTERSECTION
PC= POINT OF CURVATURE STATION
MID= CURVE MID POINT STATION
PT= POINT OF TANGENT STATION

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
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
W046S WELLHEAD FACILITIES

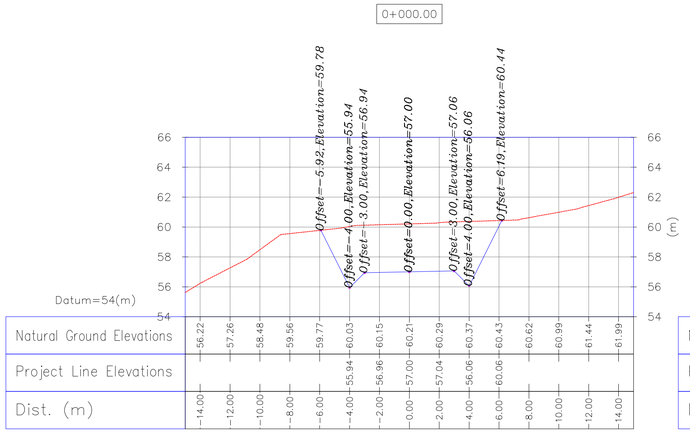
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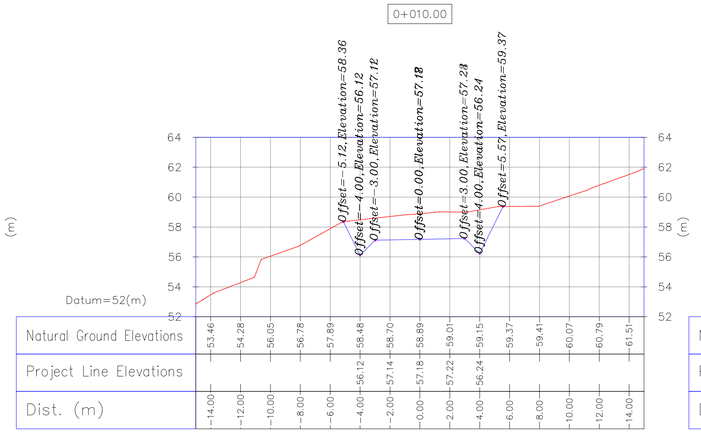
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BURN PIT ROAD PLAN AND PROFILE SECTION

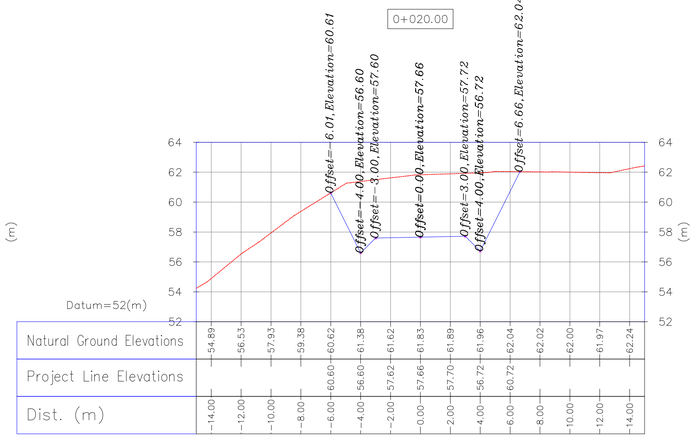
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APPROVED FOR CONSTRUCTION BY: DATE:

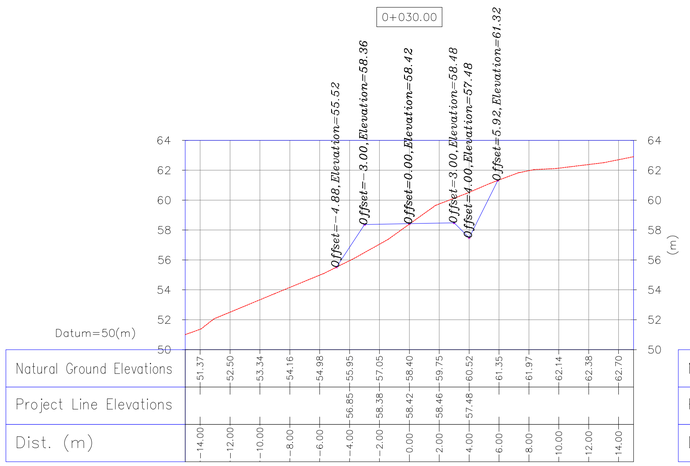
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AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	42 of 46	D02

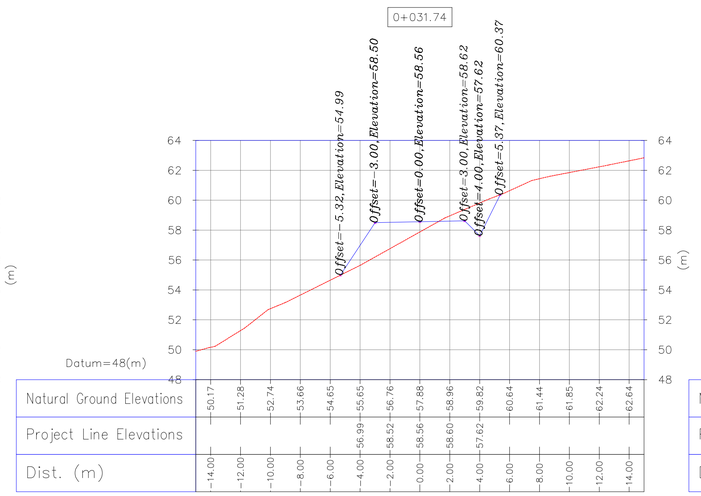
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	42	D02

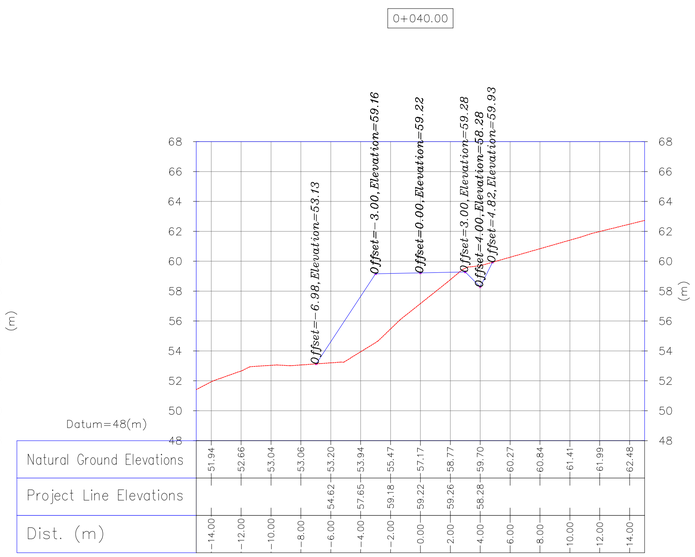


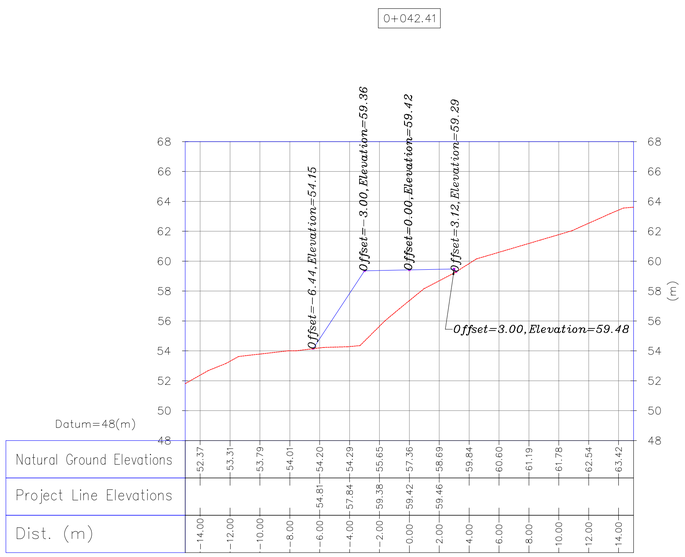












1:200 Burn Pit Road Transversal Sections

Bench Mark List			
Name	Easting(m)	Northing(m)	Elevation(m)
BM46	434828.378	3295176.513	27.976
BM47	434927.199	3294904.707	30.435
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LEGEND

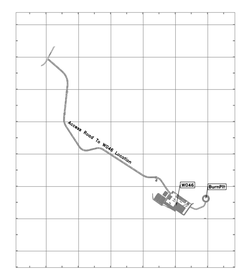
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W046S	BK-W046S-PEDCO-110-CV-PY-0001
Rough Grading Plans -W046S	BK-W046S-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

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.	REV.	DESCRIPTION	BY	DATE	BY	DATE
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **	***	**********	** **	***.****	** **	***.****
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **			CHECKED		REV. APPR.	
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **						

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
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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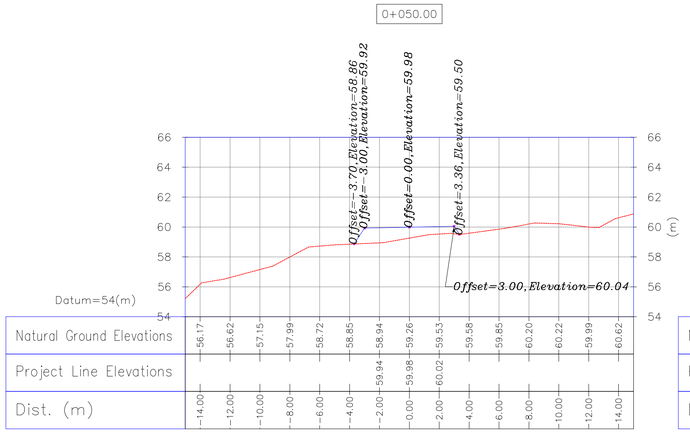
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

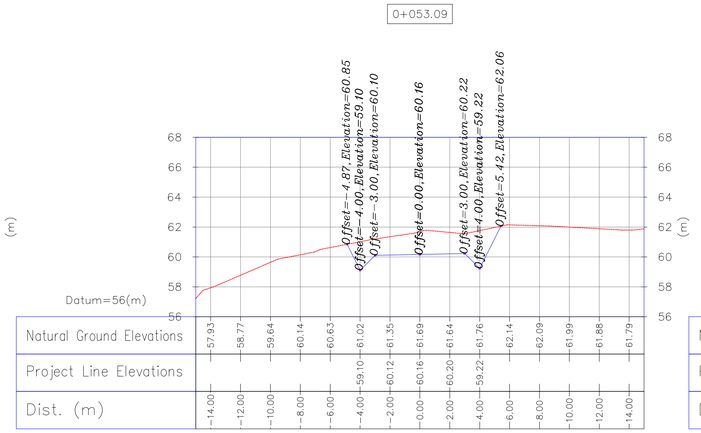
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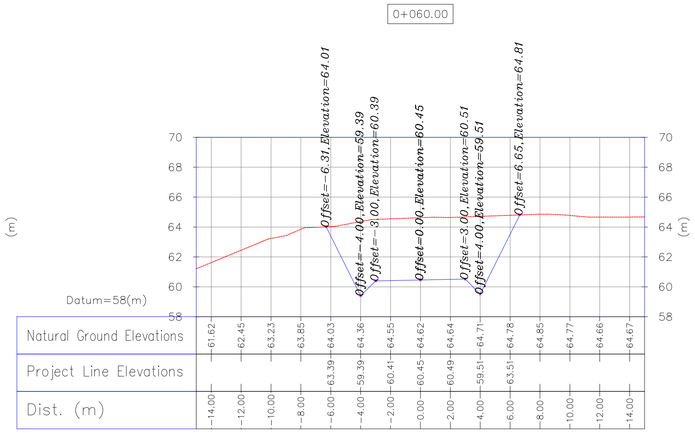
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APPROVED FOR CONSTRUCTION | BY: | DATE:

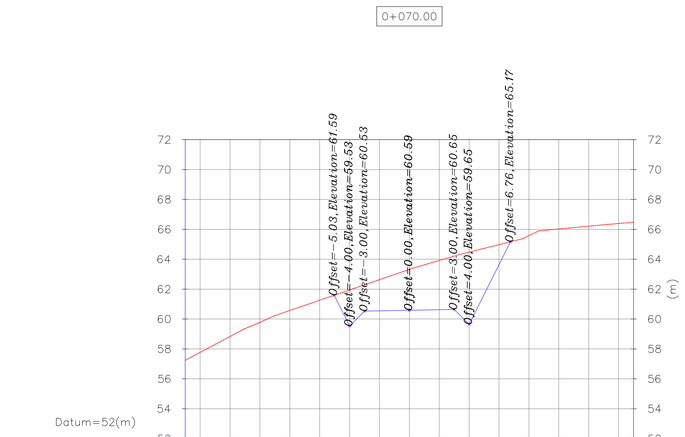
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
BURN PIT ROAD TRANSVERSAL SECTIONS 0~42.41(m)

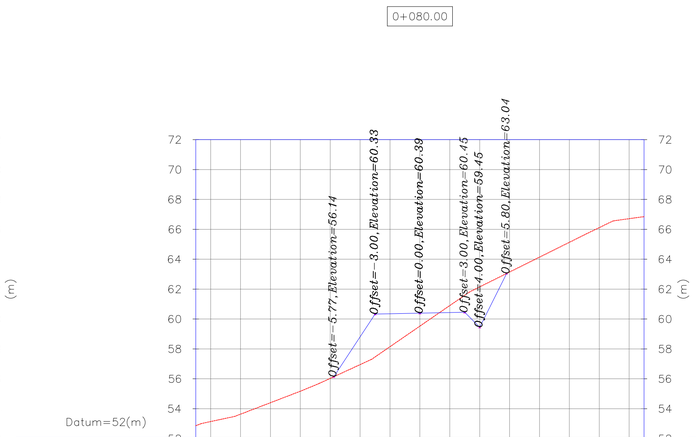
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	43 of 46	D02	053-073-9184	F	4	S	707654	43	D02

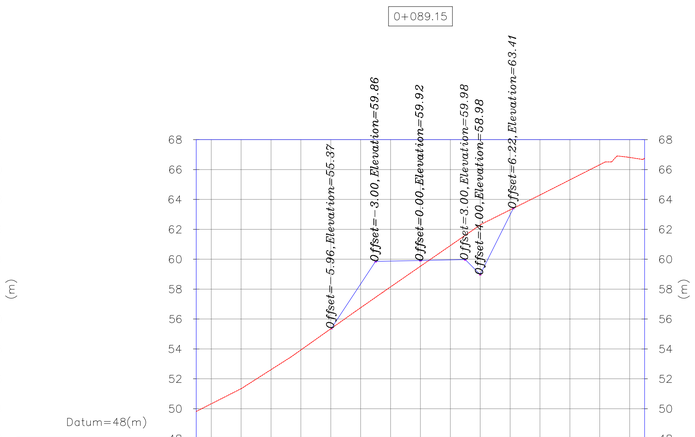


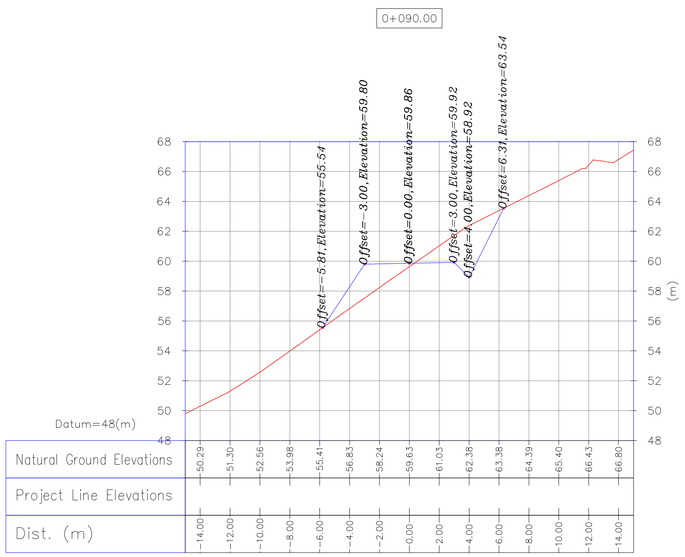












Burn Pit Road Transversal Sections
1:200

Bench Mark List

Name	Easting(m)	Northing(m)	Elevation(m)
BM46	434828.378	3295176.513	27.976
BM47	434927.199	3294904.707	30.435
GPS3	435475.041	3294403.599	66.867
GPS1	435686.115	3294303.397	78.025

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 SOIL SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION

LEGEND

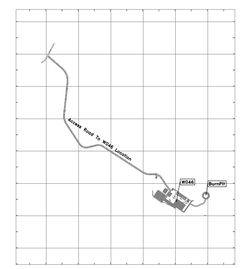
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
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Rough Grading Plans -W046S	BK-W046S-PEDCO-110-CV-DW-0001
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Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

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KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
PROJECT NO.: 971020

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

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

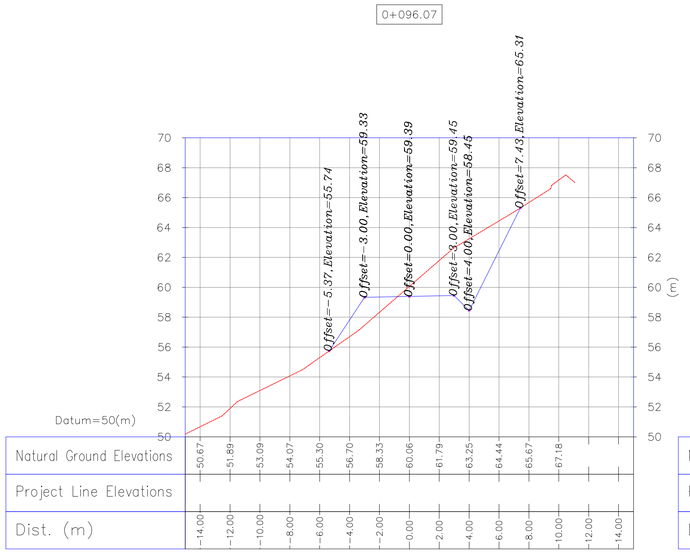
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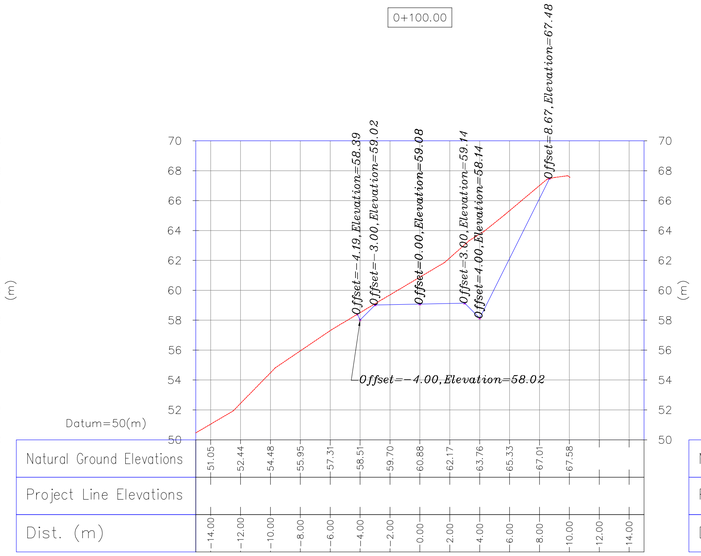
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APPROVED FOR CONSTRUCTION | BY: | DATE:

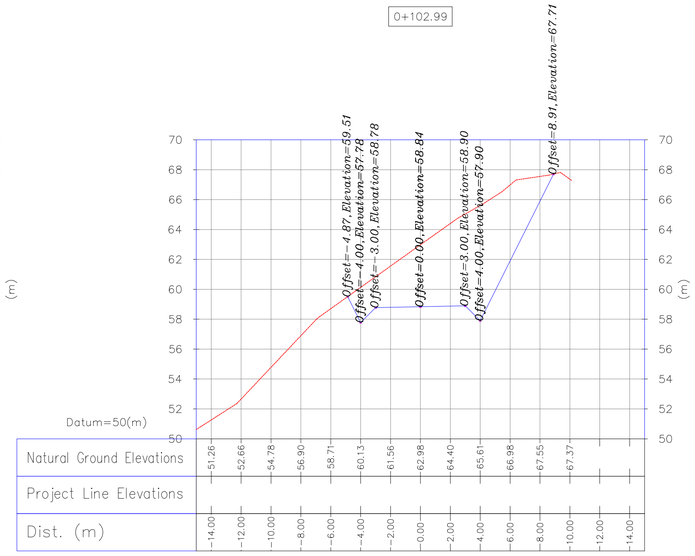
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
BURN PIT ROAD TRANSVERSAL SECTIONS 50~90(m)

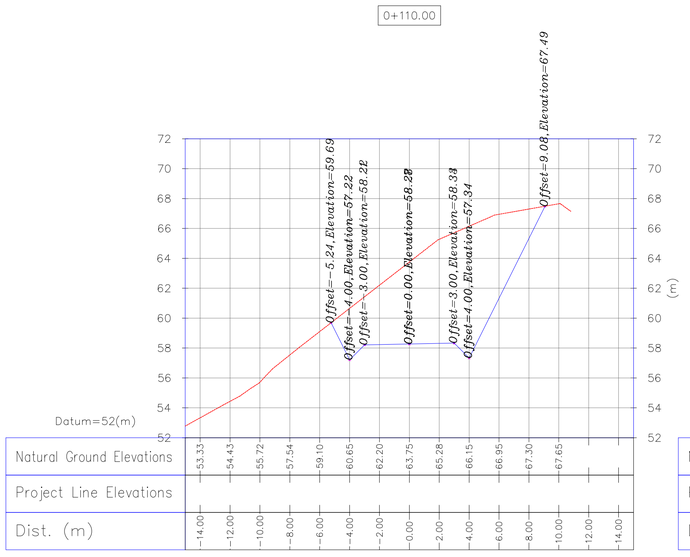
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AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	44 of 46	D02

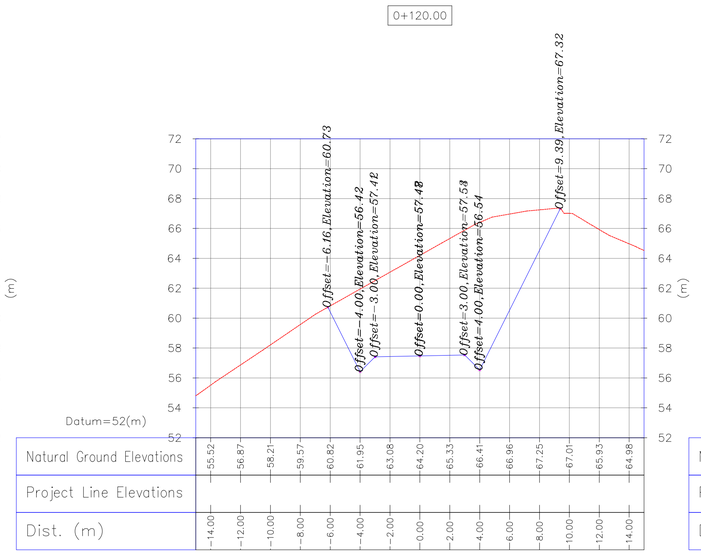
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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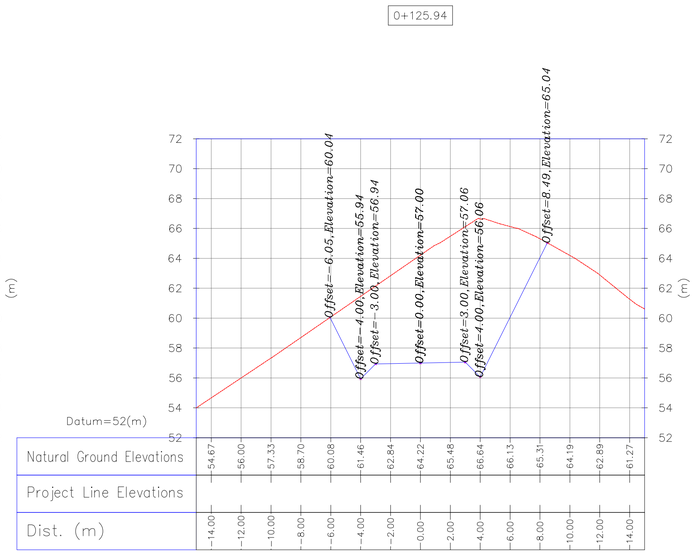












Burn Pit Road Transversal Sections
1:200

Bench Mark List			
Name	Easting(m)	Northing(m)	Elevation(m)
BM46	434828.378	3295176.513	27.976
BM47	434927.199	3294904.707	30.435
GPS3	435475.041	3294403.599	66.867
GPS1	435686.115	3294303.397	78.025

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 SOIL SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION

LEGEND

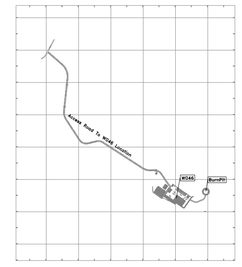
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W046S	BK-W046S-PEDCO-110-CV-PY-0001
Rough Grading Plans -W046S	BK-W046S-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
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ABBREVIATION

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KEY PLAN



REV.	DATE	DESCRIPTION	BY	DATE	BY	DATE
			CHECKED		REV. APPR.	
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
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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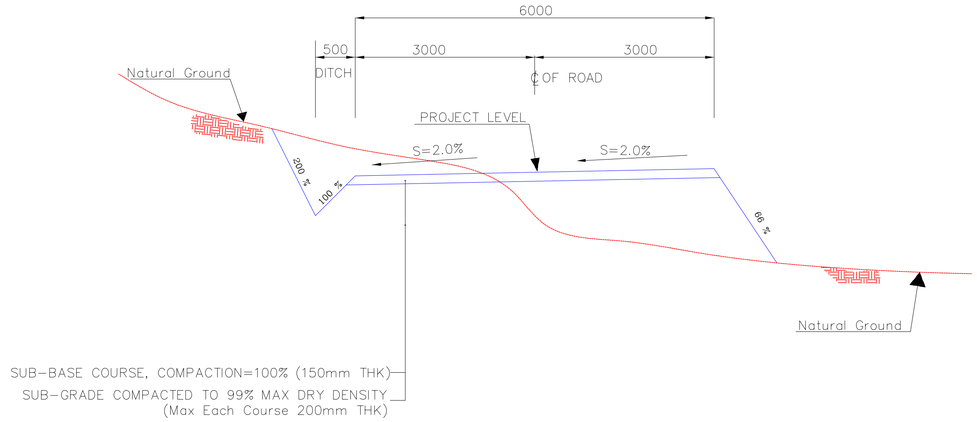
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

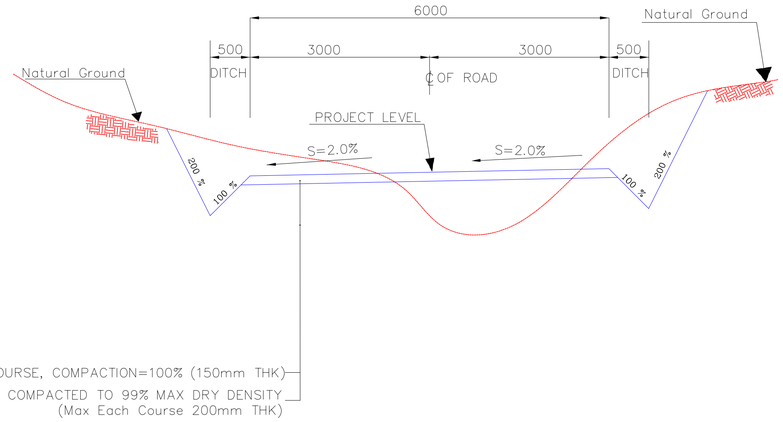
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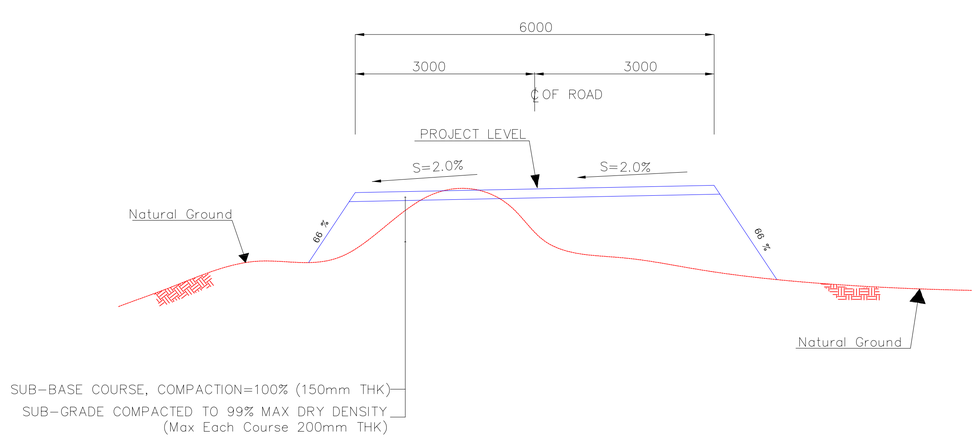
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BURN PIT ROAD TRANSVERSAL SECTIONS 96.07~125.94(m)

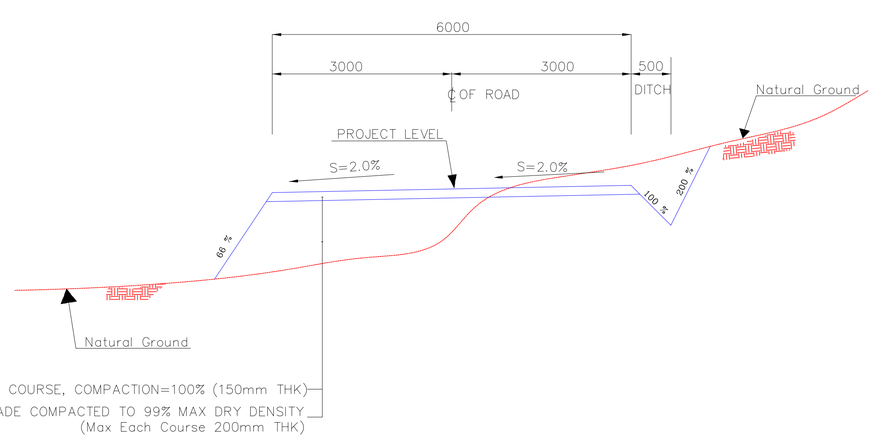
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	45 of 46	D02	053-073-9184	F	4	S	707654	45	D02









N.T.S. 1 TYPICAL CROSS SECTIONS (BURN PIT Road)

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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- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
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LEGEND

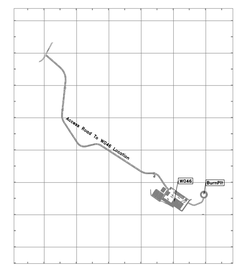
⊙	WELL LOCATION	→	CANAL
●	WELL	~	RIVER
▭	SITE	◀	WATER COURSE
▭	CAMP SITE	60 / 50	CONTOURS
ASPHALT ROAD		99.27	SPOT HEIGHT
GRAVEL ROAD		△	BENCH MARK
PROPOSED ROAD			BRIDGE
DAYLIGHT			CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W046S	BK-W046S-PEDCO-110-CV-PY-0001
Rough Grading Plans -W046S	BK-W046S-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
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KEY PLAN



Bench Mark List

Name	Easting(m)	Northing(m)	Elevation(m)
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GPS3	435475.041	3294403.599	66.867
GPS1	435686.115	3294303.397	78.025

D02 Totally Revised

REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
D02	SEP.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **	***	**********	** **	***.****	** **	***.****
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **						
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **						
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.						

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
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
W046S WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
Typical Cut&Fill Cross Sections(Burn Pit Road)

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-W046S-PEDCO-110-CV-PY-0002	46 of 46	D02

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	46	D02