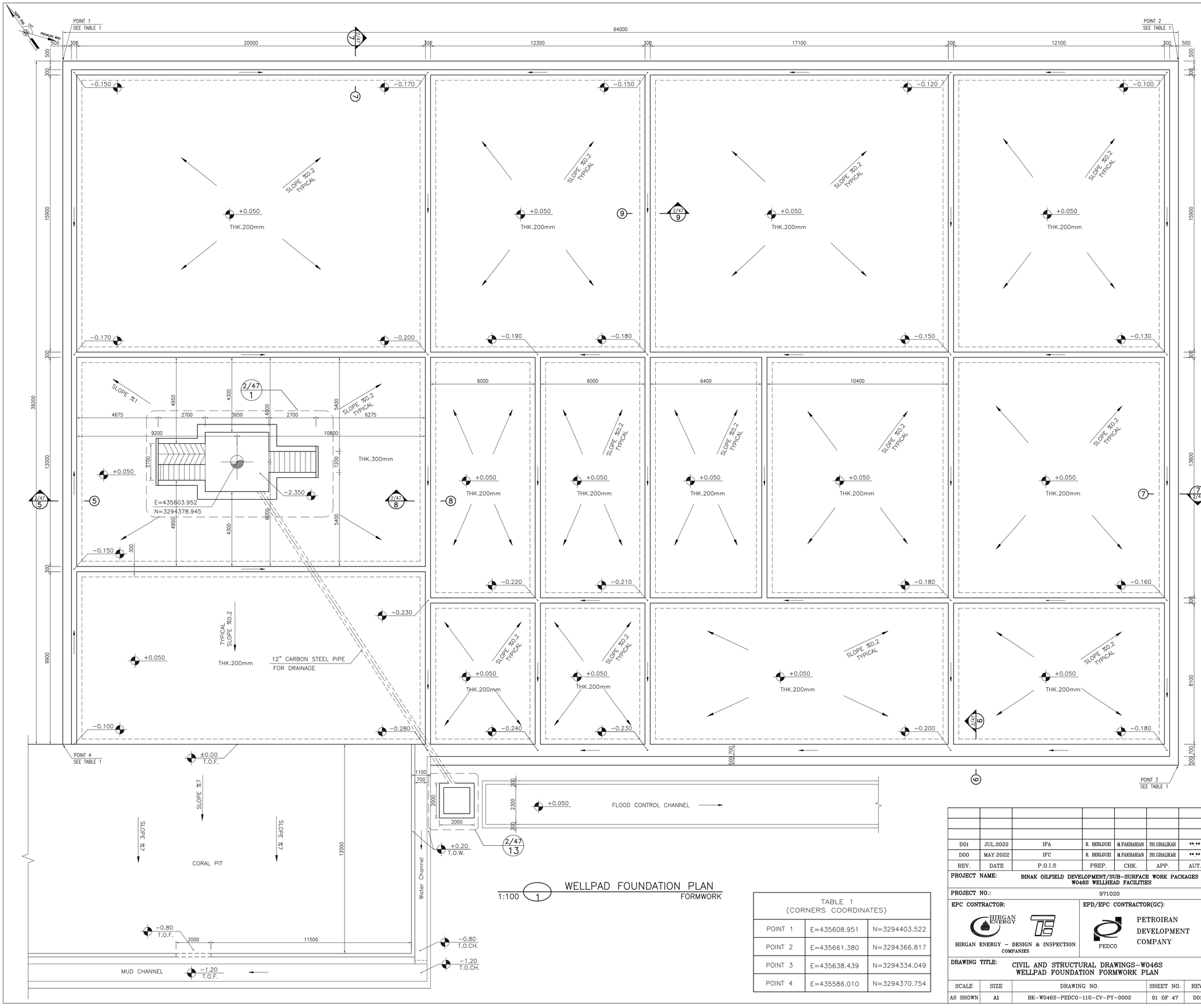


WELLPAD FOUNDATION PLAN
1:100 — FORMWORK

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. (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 30 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

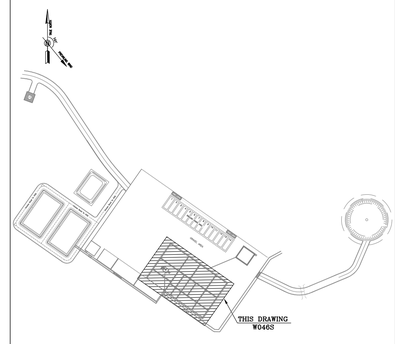
LEGEND AND ABBREVIATION

REINFORCED CONCRETE
LEAN CONCRETE
CEMENT BLOCK WALL
GRAVEL
SUB GRADE
SLOPE

T.O.F.	TOP OF FOUNDATION
T.O.W.	TOP OF WALL
T.O.C.	TOP OF CONCRETE
T.O.P.IT	TOP OF PIT
B.O.P.	BOTTOM OF PIPE
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.
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

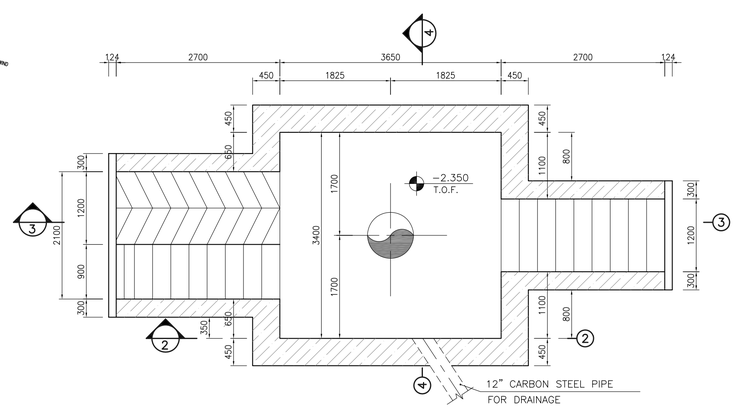
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DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S WELLPAD FOUNDATION FORMWORK PLAN

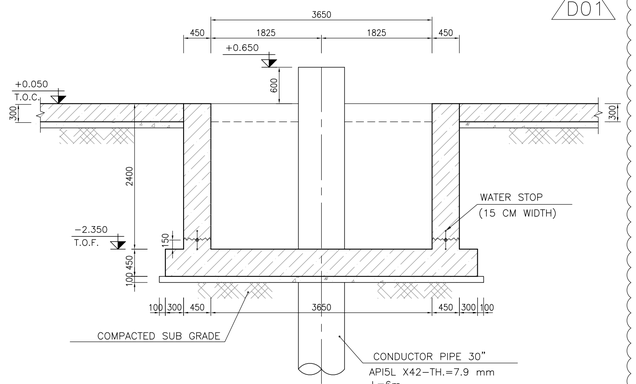
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APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	01 OF 47	D01

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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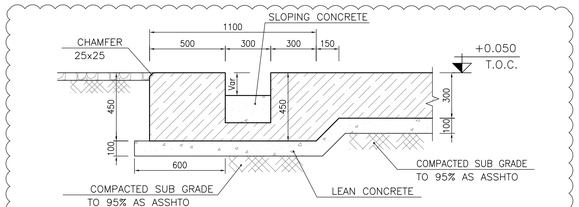


1/47 / 1:50 / 1 CELLAR PIT FORMWORK PLAN

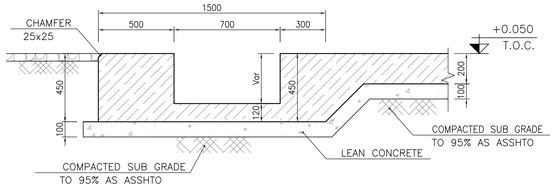


1:50 / 2 FORMWORK

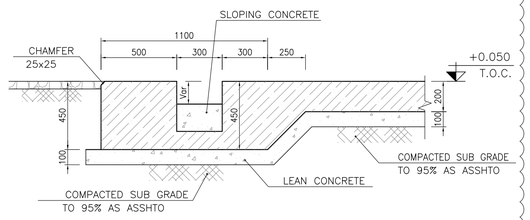
D01



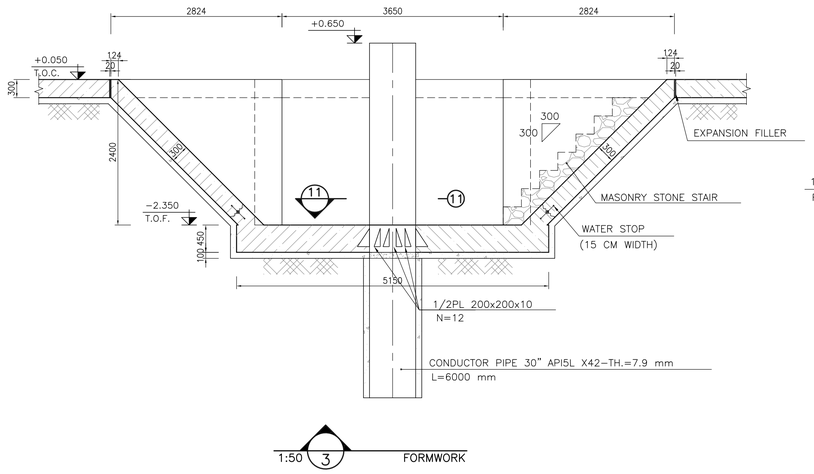
1/47 / 1:20 / 5 TYPICAL CHANNEL SECTION IN BOUNDARY SIDE



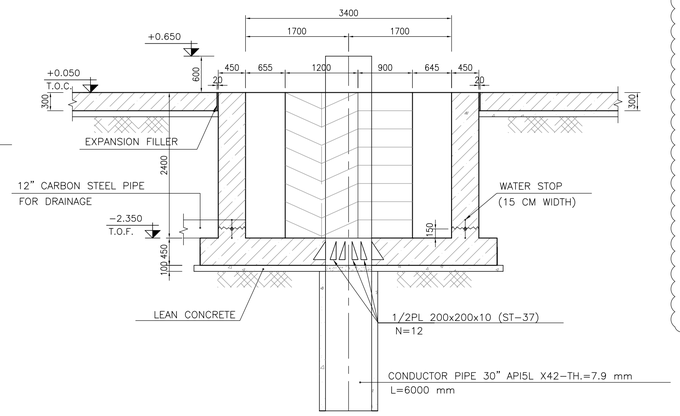
1/47 / 1:20 / 6 TYPICAL CHANNEL SECTION IN BOUNDARY SIDE



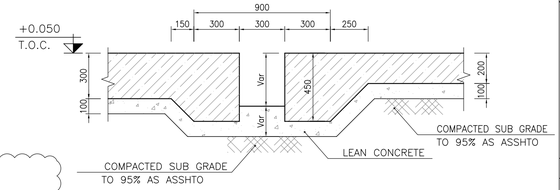
1/47 / 1:20 / 7 TYPICAL CHANNEL SECTION IN BOUNDARY SIDE



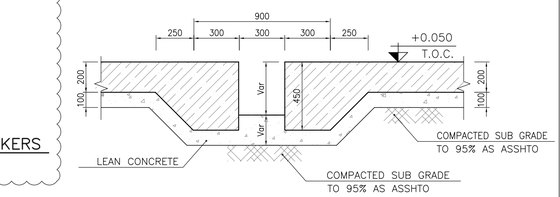
1:50 / 3 FORMWORK



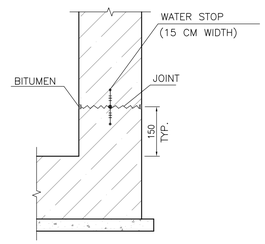
1:50 / 4 FORMWORK



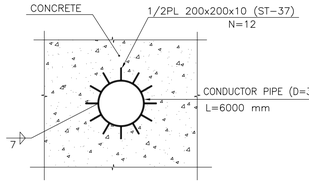
1/47 / 1:20 / 8 TYPICAL CHANNEL SECTION IN MIDDLE SIDE



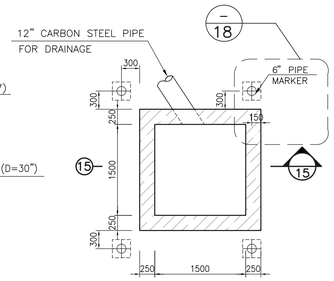
1/47 / 1:20 / 9 TYPICAL CHANNEL SECTION IN MIDDLE SIDE



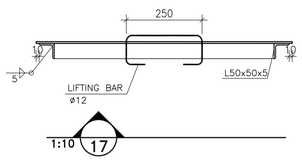
N.T.S. / 10 TYPICAL DETAIL OF WATER STOP



1:50 / 11

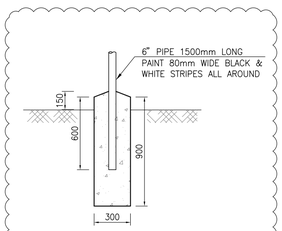


1/47 / 1:50 / 14 DRAIN PIT FORMWORK PLAN

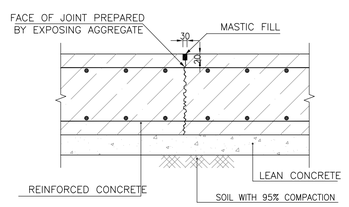


1:10 / 17

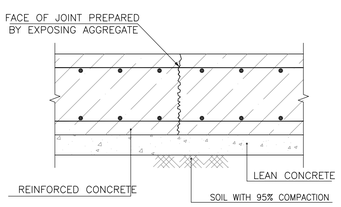
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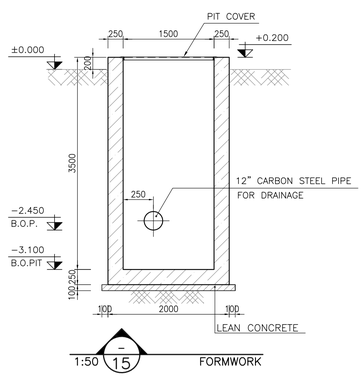
1:25 / 18 DETAIL OF MARKERS



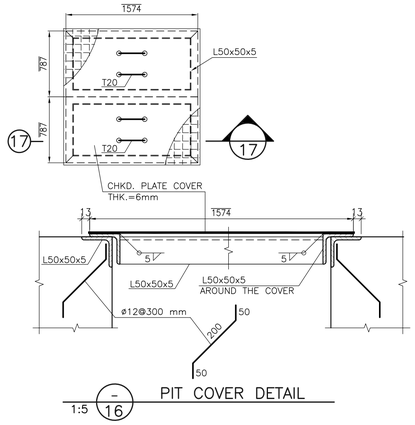
N.T.S. / 12 TYPICAL CONTRACTION JOINT EVERY 6000



N.T.S. / 13 TYPICAL CONSTRUCTION JOINT



1:50 / 15 FORMWORK



- / 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. 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 30 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

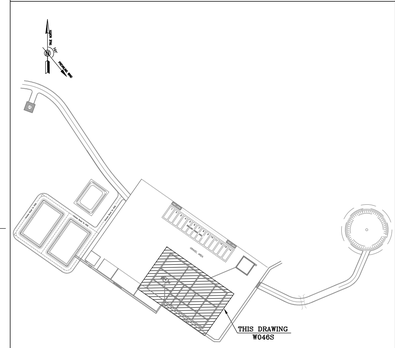
±0.00 = +57.00(R.G.L.)MSL

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.
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

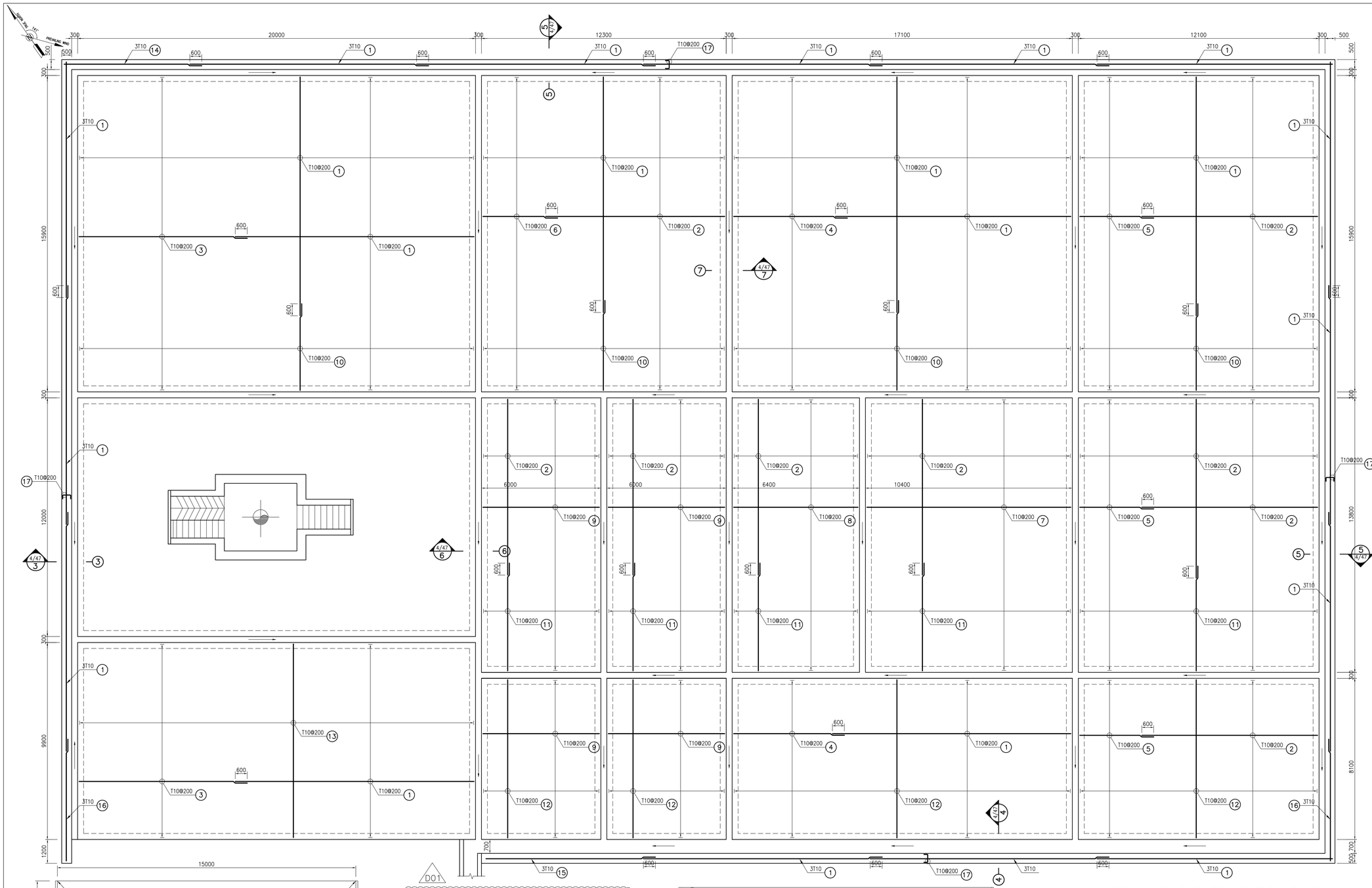
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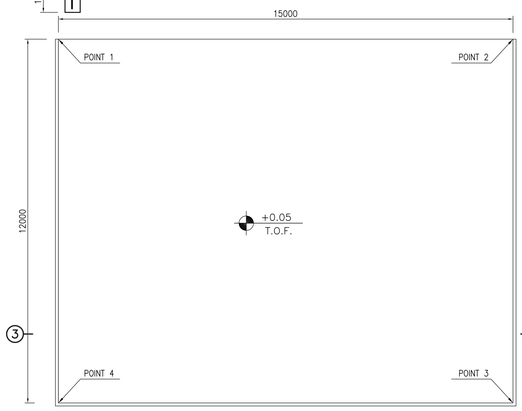
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
WELLPAD AND RIG FOUNDATION DETAILS & SECTIONS

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	02 OF 47	D01

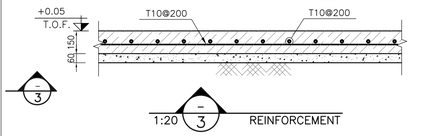
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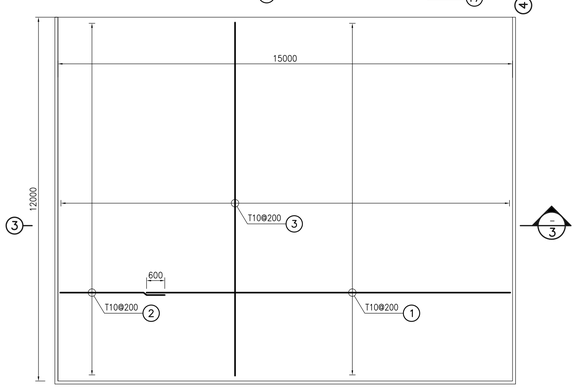
D01

DEWATERING (CORNERS COORDINATES)		
POINT 1	E=435549.277	N=3294397.446
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

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 30 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.
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11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:

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

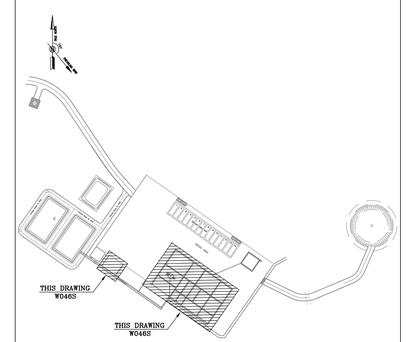
±0.00 = +57.00(R.G.L.)MSL

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.P.IT	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.
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

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

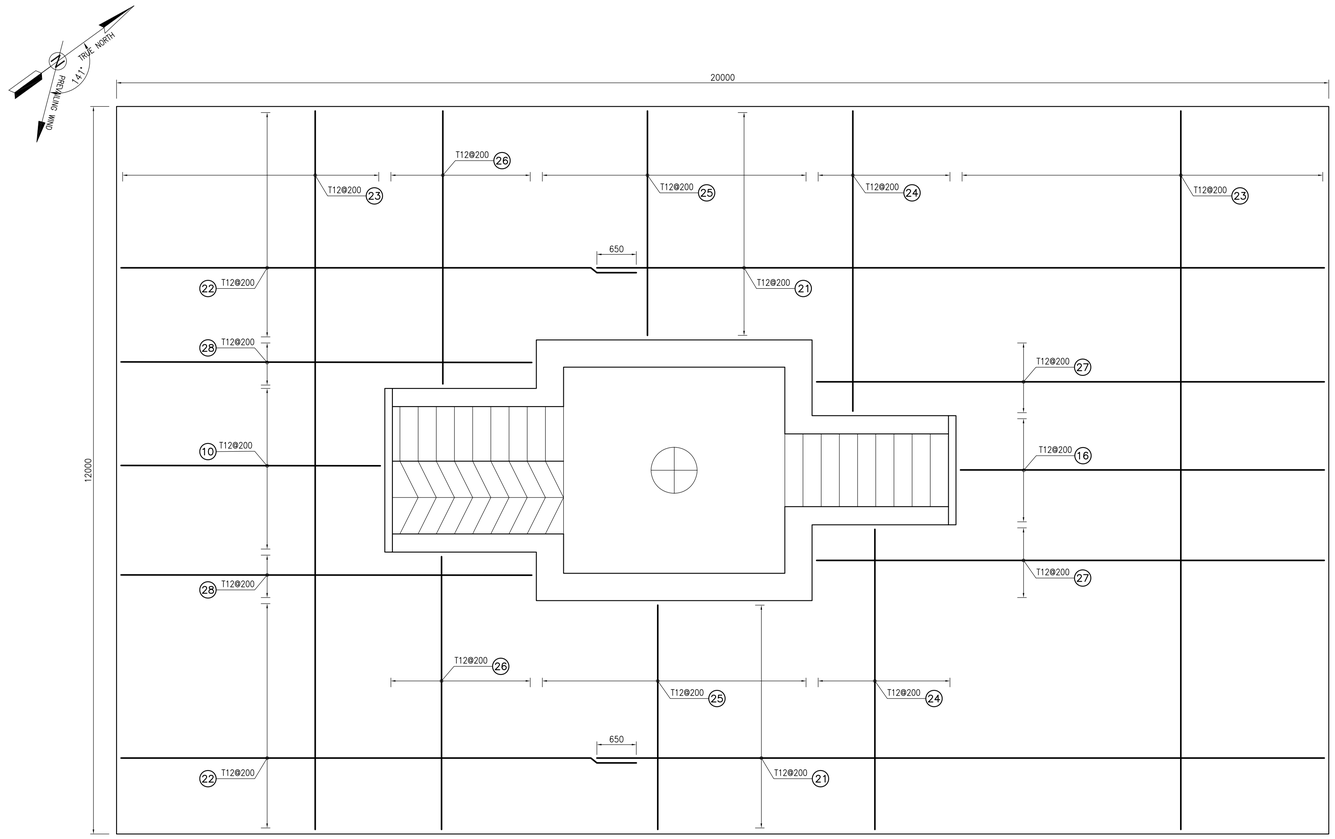
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DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
WELLPAD FOUNDATION REINFORCEMENT PLAN

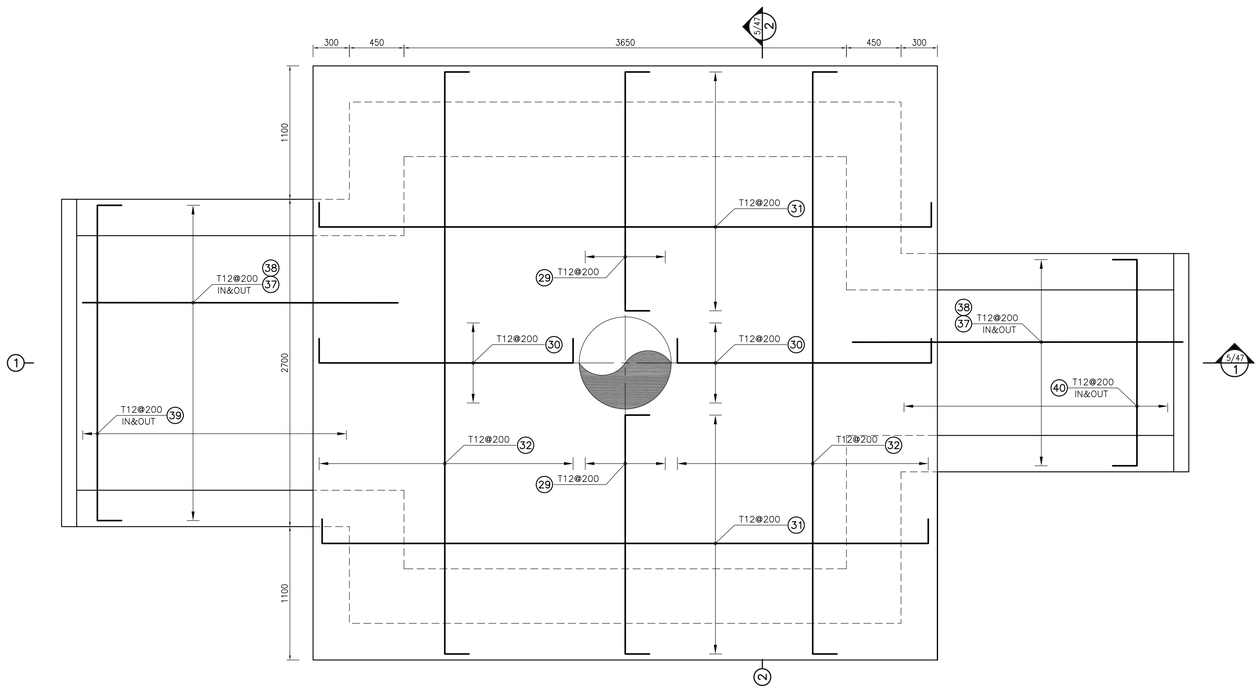
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APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	03 OF 47	D01

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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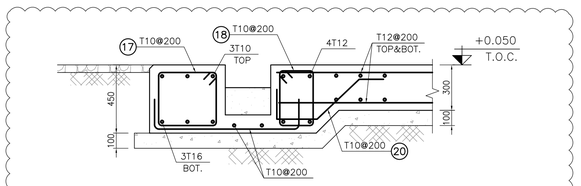


RIG FOUNDATION REINFORCEMENT PLAN
1:50 (1) TOP & BOTTOM

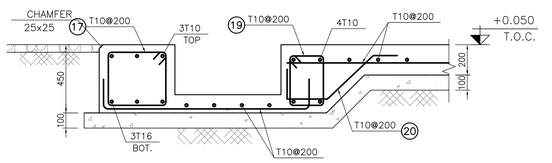


CELLAR PIT FOUNDATION REINFORCEMENT PLAN
1:25 (-/2) TOP & BOTTOM

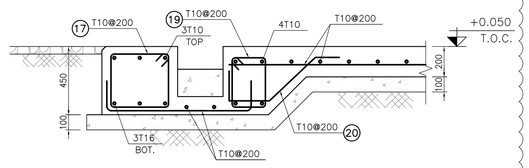
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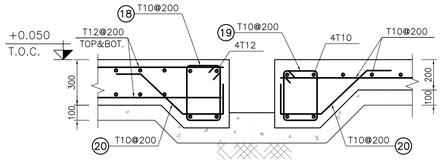
3/47 (3) 1:20 TYPICAL CHANNEL SECTION IN BOUNDARY SIDE



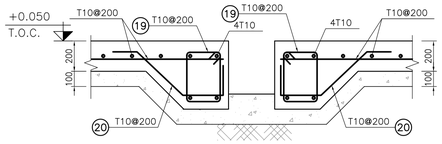
3/47 (4) 1:20 TYPICAL CHANNEL SECTION IN BOUNDARY SIDE



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. 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 30 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

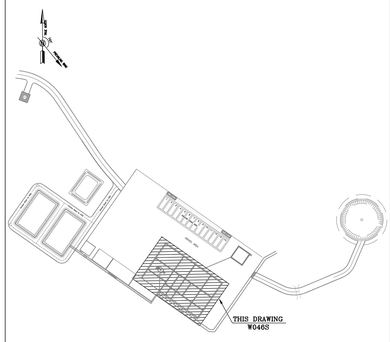
±0.00 = +57.00(R.G.L.)MSL

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

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

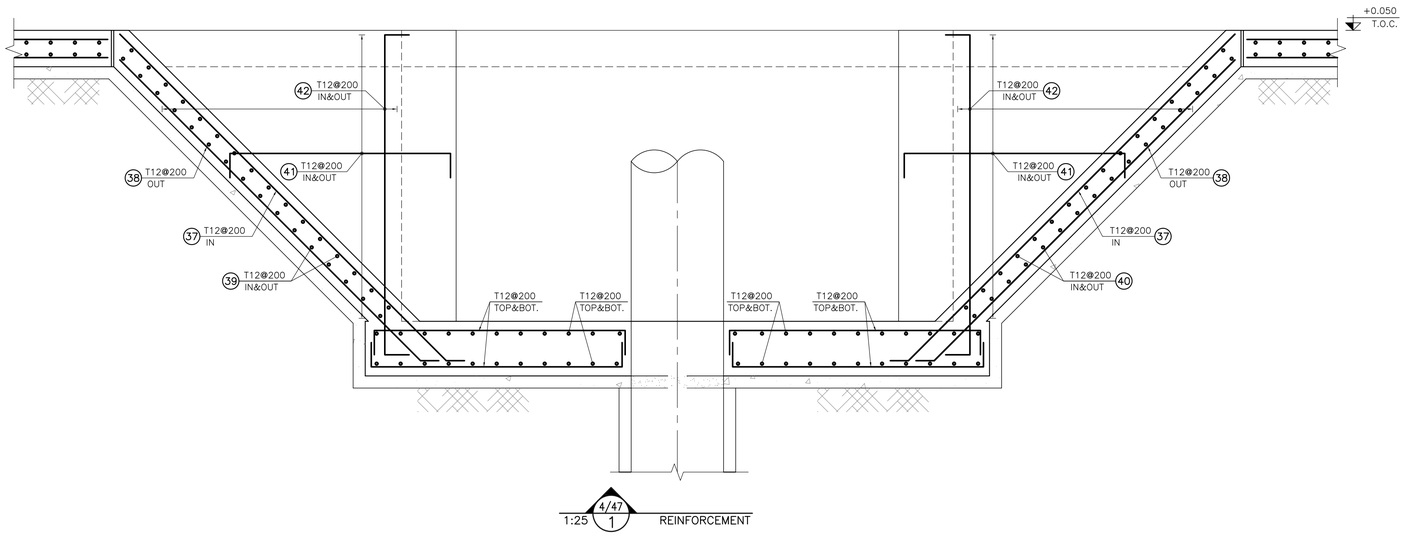
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
WELLPAD AND RIG FOUNDATION DETAILS & SECTIONS

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

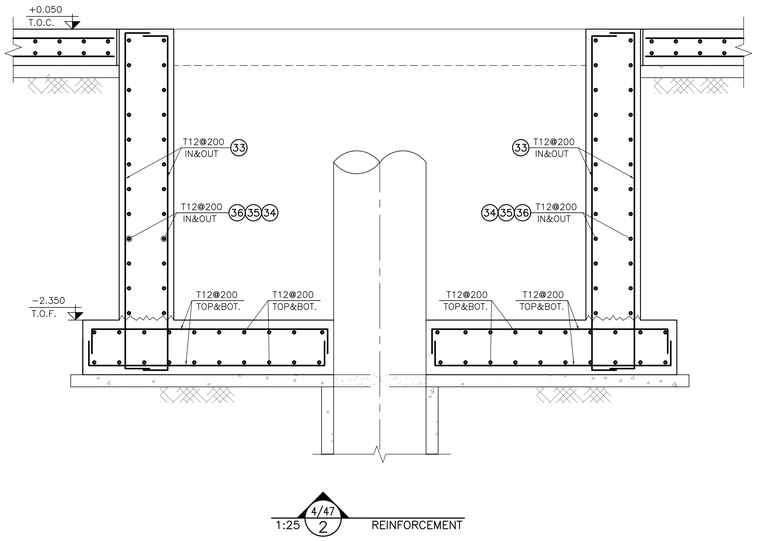
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	04 OF 47	D01

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	4	D01

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	



1:25 4/47 1 REINFORCEMENT



1:25 4/47 2 REINFORCEMENT

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

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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. D01

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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

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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

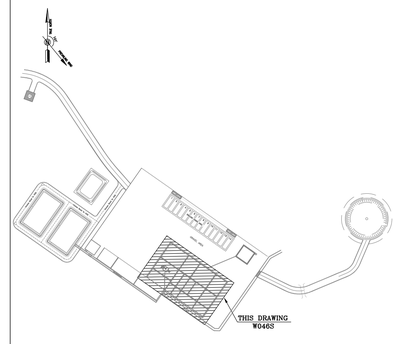
±0.00 = +57.00(R.G.L.)MSL

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

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.

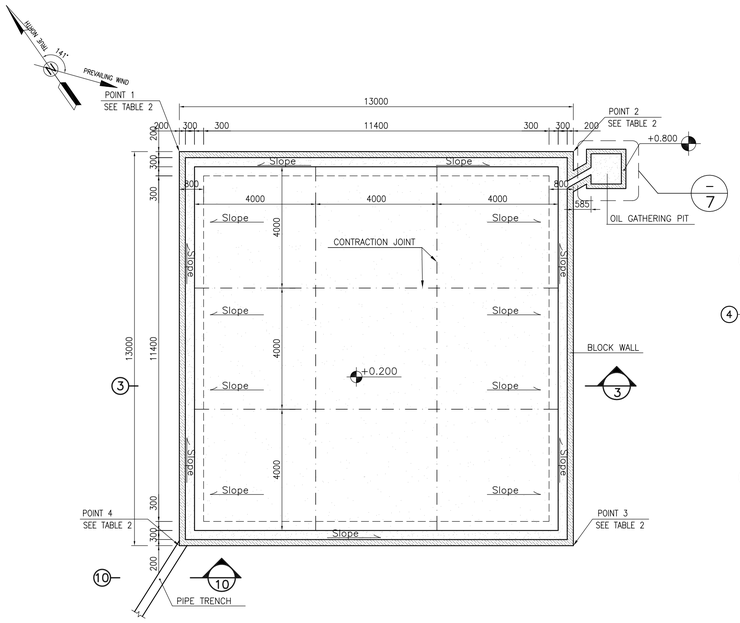
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS–W046S
GAS OIL PAD FORMWORK & REINFORCEMENT PLAN–SECTION

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

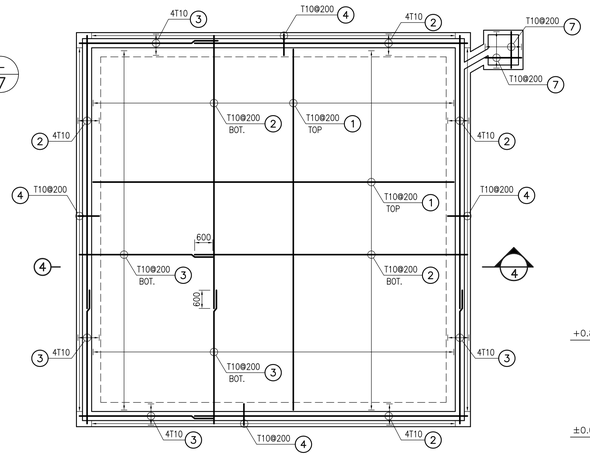
APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK–W046S–PEDCO–110–CV–PY–0002	05 OF 47	D01

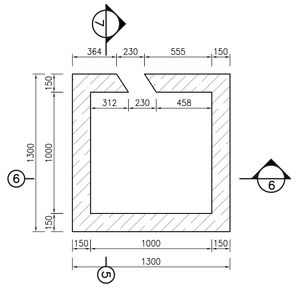
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053–073–9184	F	4	S	707654	5	D01

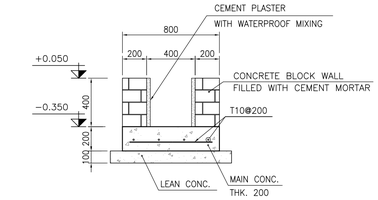


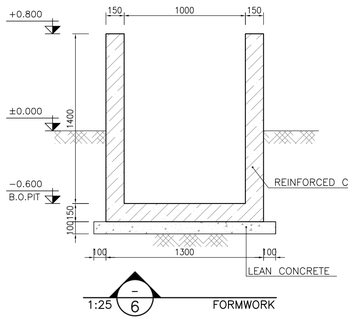
1:100 1 GAS OIL STORAGE FOUNDATION FORMWORK

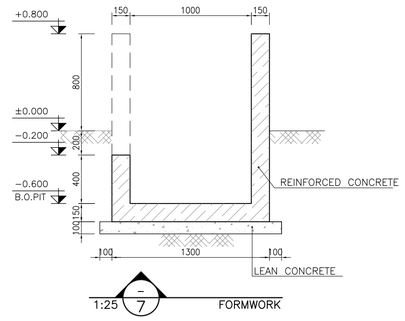


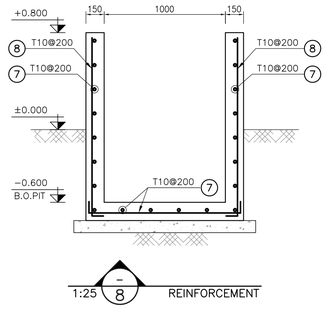
1:100 2 GAS OIL STORAGE FOUNDATION REINFORCEMENT

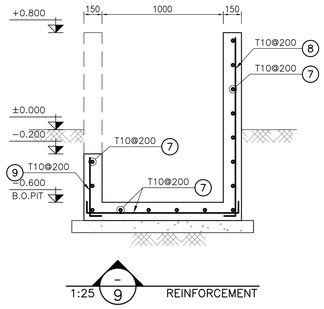


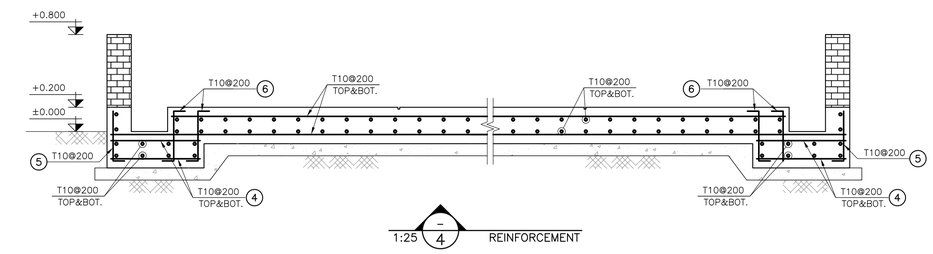






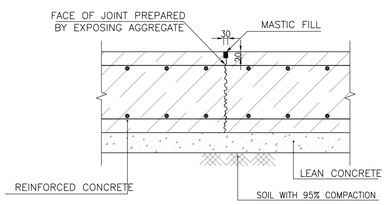


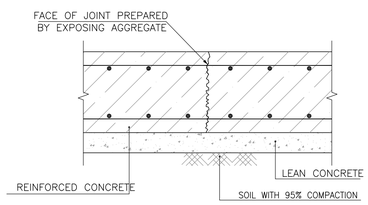




BAR BENDING SCHEDULE – GAS OIL STORAGE					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	11850	11.85	124	1469.4
2	T10	9000	9.00	140	1260.0
3	T10	4450	4.45	140	600.85
4	T10	650	0.65	480	312.00
5	T10	150 / 350	0.50	240	120.00
6	T10	150 / 350 / 150	0.65	480	312.00
7	T10	1150	1.15	37	42.55
8	T10	150 / 1400	1.55	34	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





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 30 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

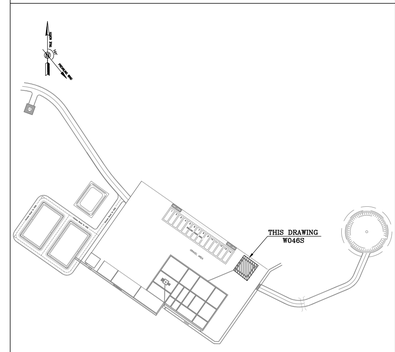
LEGEND AND ABBREVIATION

REINFORCED CONCRETE
LEAN CONCRETE
CEMENT BLOCK WALL
GRAVEL
SUB GRADE
SLOPE

T.O.F.	TOP OF FOUNDATION
T.O.W.	TOP OF WALL
T.O.C.	TOP OF CONCRETE
T.O.PIT	TOP OF PIT
B.O.P.	BOTTOM OF PIPE
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.
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	06 OF 47	D01

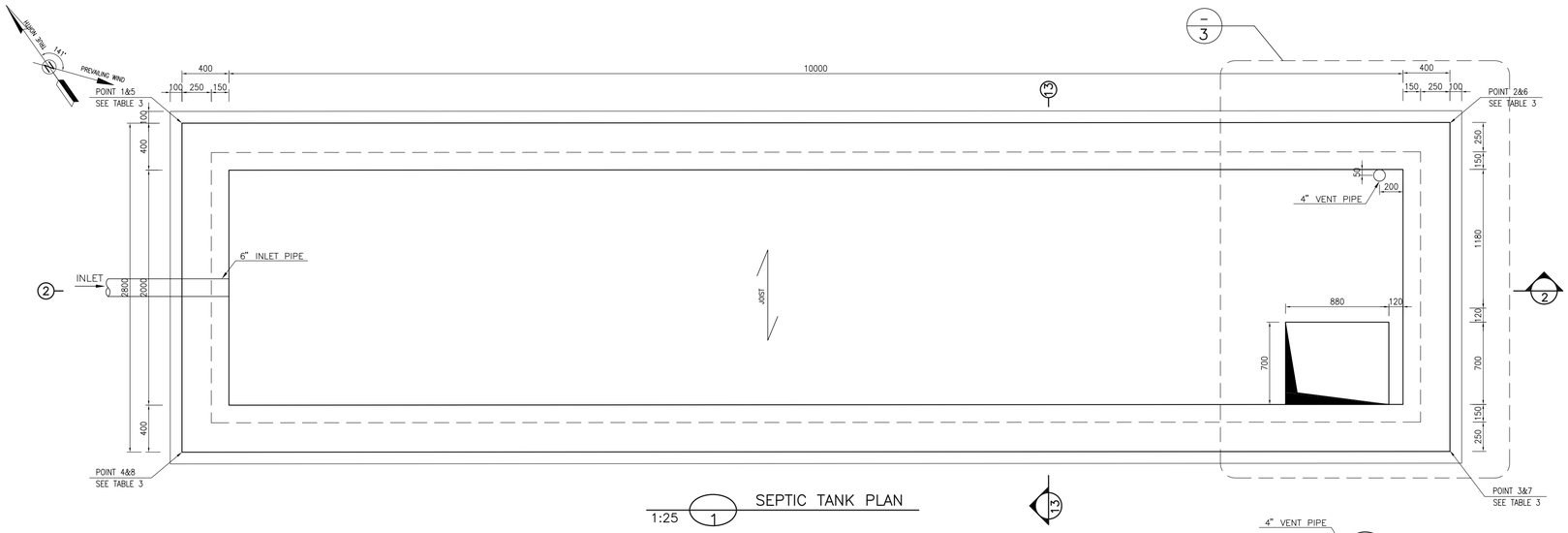
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

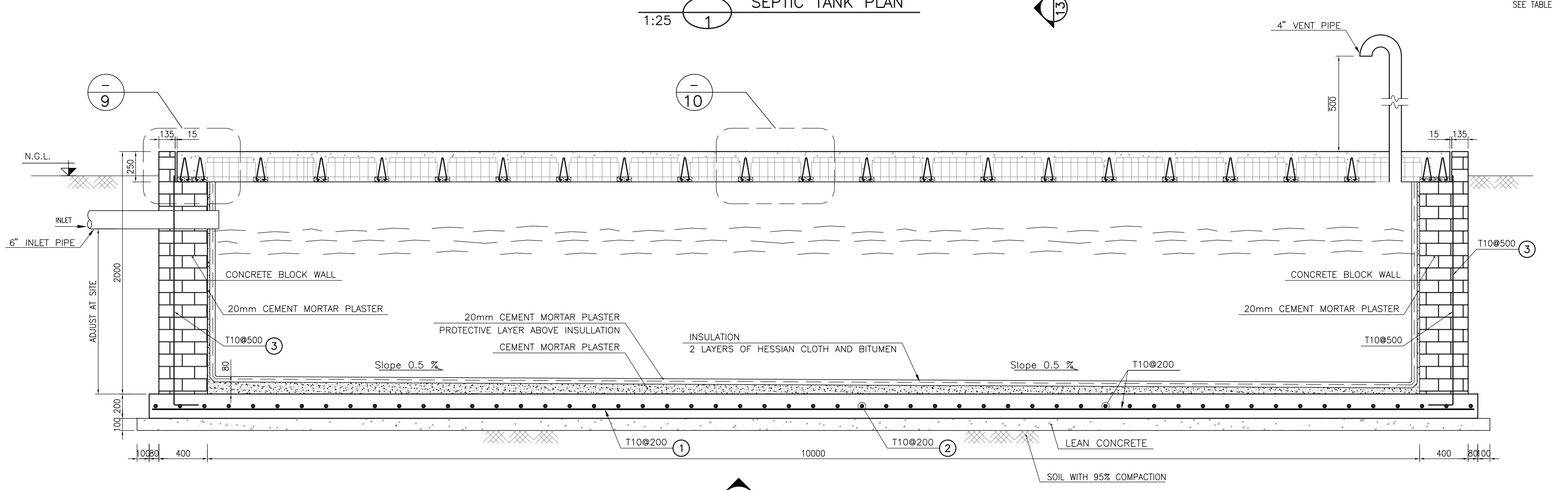
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

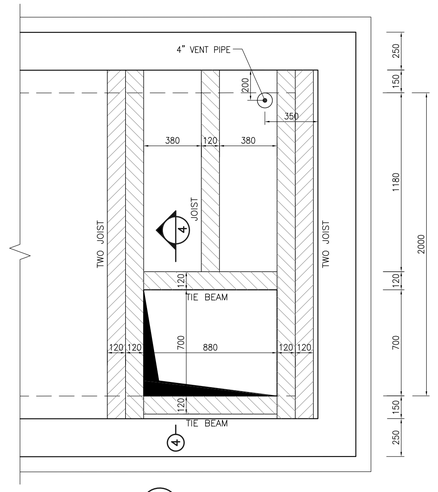
APPROVED FOR CONSTRUCTION			BY:		DATE:	
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	6	D01



1:25 1 SEPTIC TANK PLAN



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

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2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
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4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 30 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
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8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm³
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
9- JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS.
10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:

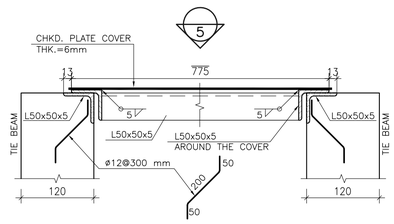
HORIZONTAL COORDINATE SYSTEM:	WGS84/UTM ZONE 39
ELLIPSOID :	WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION:	UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM:	MSL

±0.00 = +57.00(R.G.L.)MSL

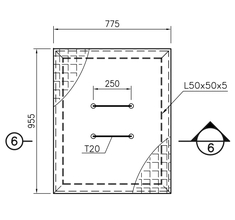
LEGEND AND ABBREVIATION

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

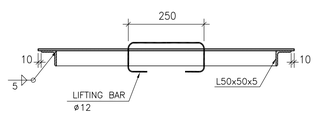
REFERENCE DRAWING	DRG. No.
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GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT -W046S	BK-W046S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W046S	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



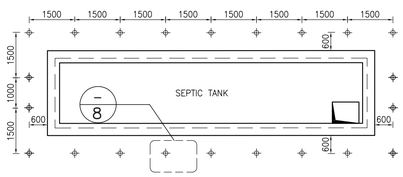
1:5 4 FORMWORK



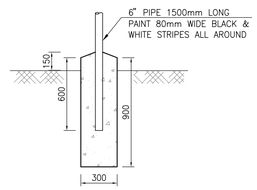
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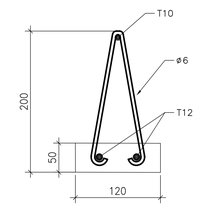
1:10 6 FORMWORK



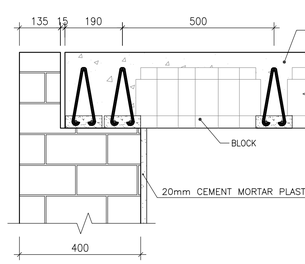
1:100 7 ARRANGMENT OF MARKERS



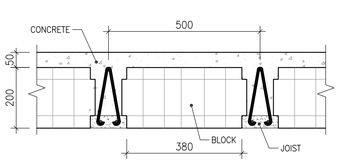
1:25 8 DETAIL OF MARKERS



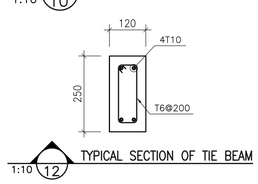
1:10 11 JOIST DETAIL



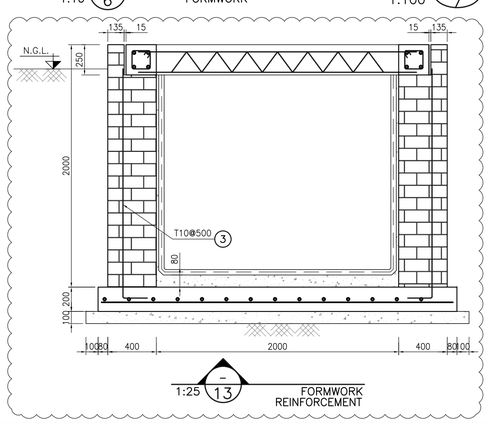
1:10 8



1:10 10



1:10 12 TYPICAL SECTION OF TIE BEAM



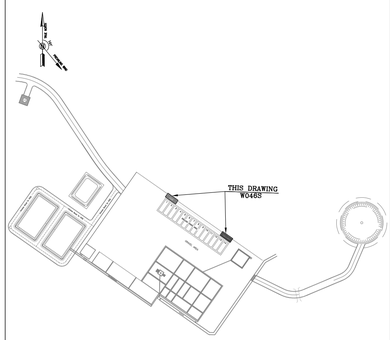
1:25 13 FORMWORK REINFORCEMENT

D01

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

REV.	DESCRIPTION	CHECKED BY		REV. APPR.	
		BY	DATE	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
SEPTIC TANK FORMWORK & REINFORCEMENT PLAN-SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	07 OF 47	D01

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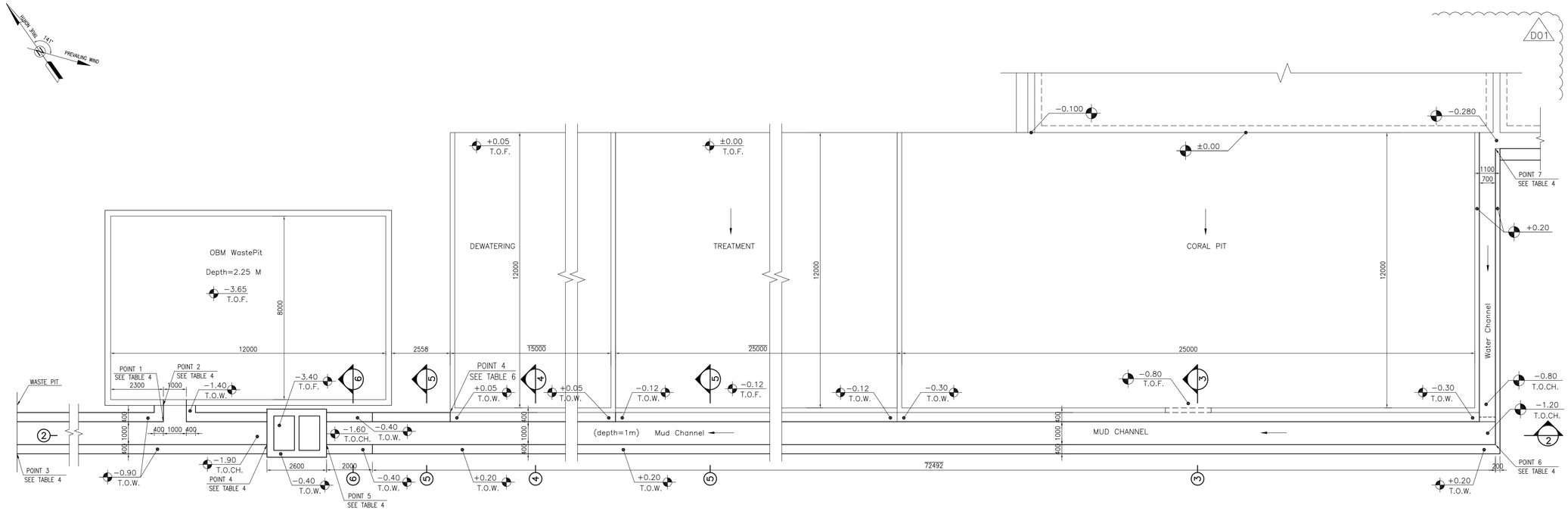
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

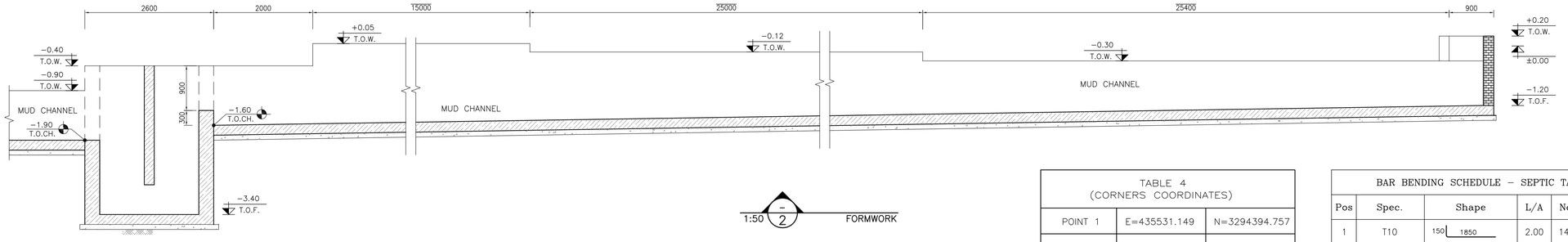
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION	BY:	DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	7	D01



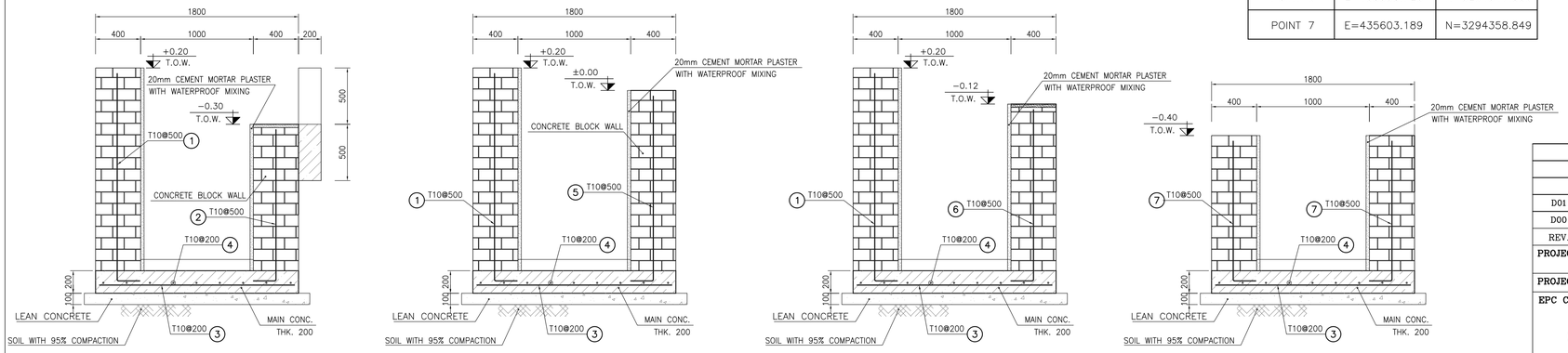
1:100 (1) MUD PIT CHANNEL



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.W	–	–	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

DO1

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. DO1
4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 30 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.
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ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL

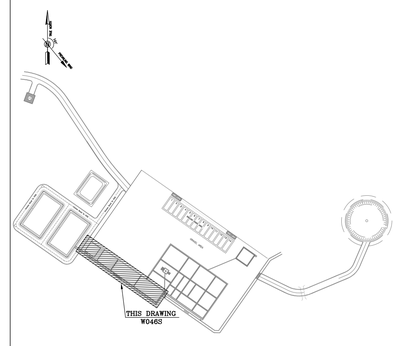
±0.00 = +57.00(R.G.L.)MSL

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
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.
***	**********	**.**	***.****	**.**	***.****	
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
REV.	DATE	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
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 47	D01

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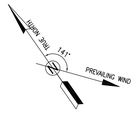
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

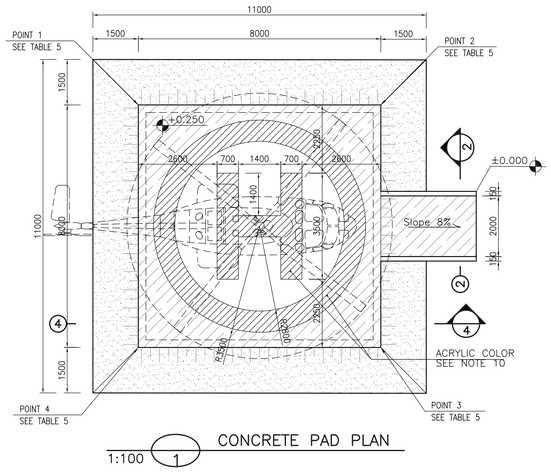
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

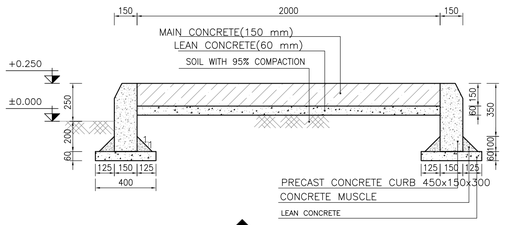
APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	8	D01

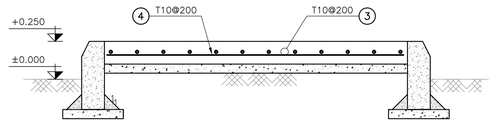




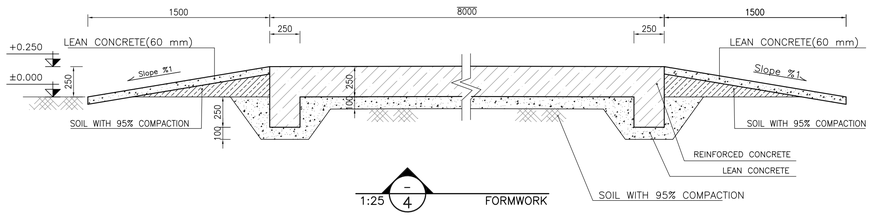
1:100 1 CONCRETE PAD PLAN



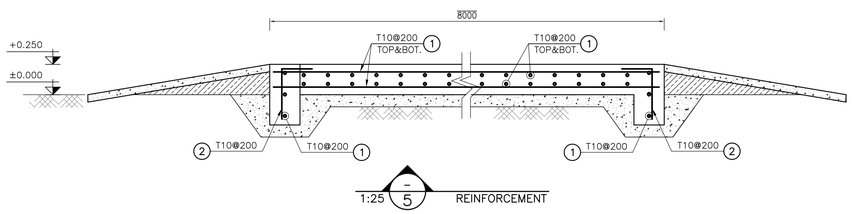
1:20 2 FORMWORK



1:25 3 REINFORCEMENT



1:25 4 FORMWORK



1:25 5 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

NOTES

1- ALL COORDINATES ARE IN METER.
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4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 30 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

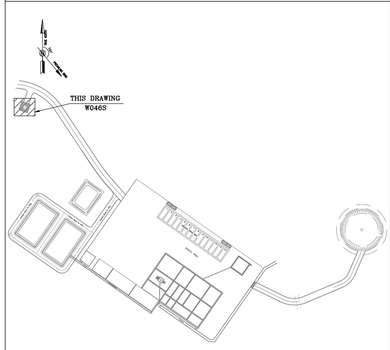
±0.00 = +57.00(R.G.L.)MSL

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STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRAL-PEDCO-000-CV-DW-0040

KEY PLAN



REV.	DESCRIPTION	CHECKED BY	DATE	APPR. BY	DATE
***	**********	**.**	***.****	**.**	***.****
D01	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
REV.	P.O.I.S	PREP.	CHK.	APP.	AUT.
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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EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

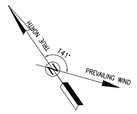
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
HELIPAD FORMWORK & REINFORCEMENT PLAN-SECTION

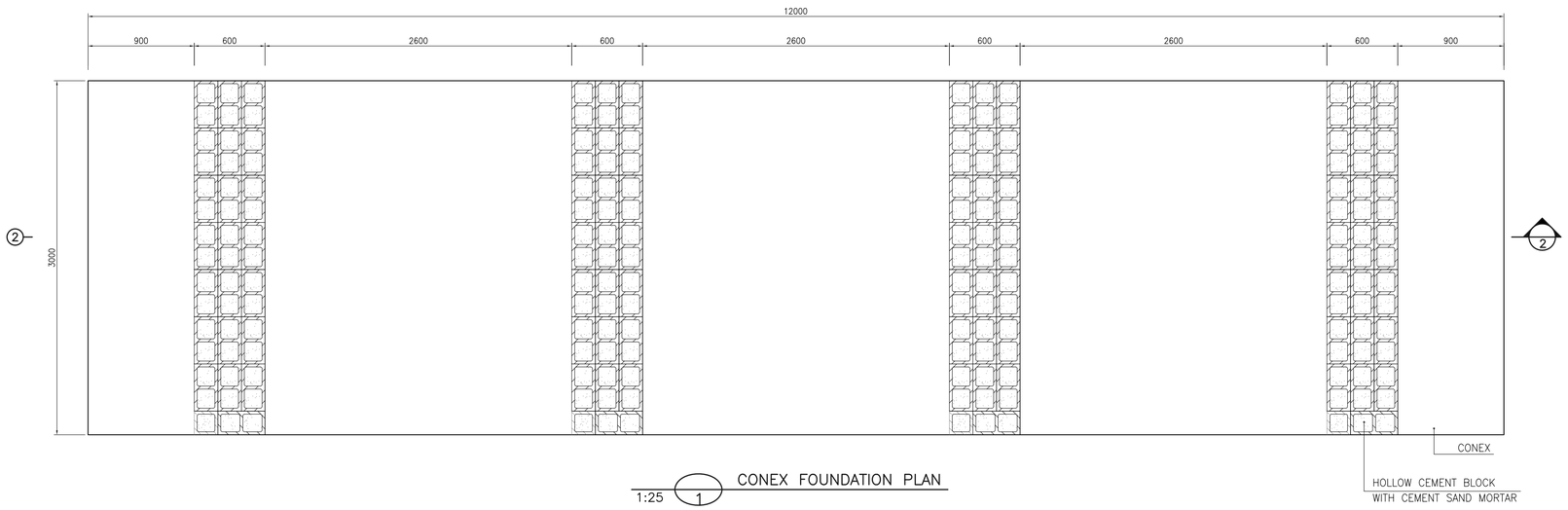
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

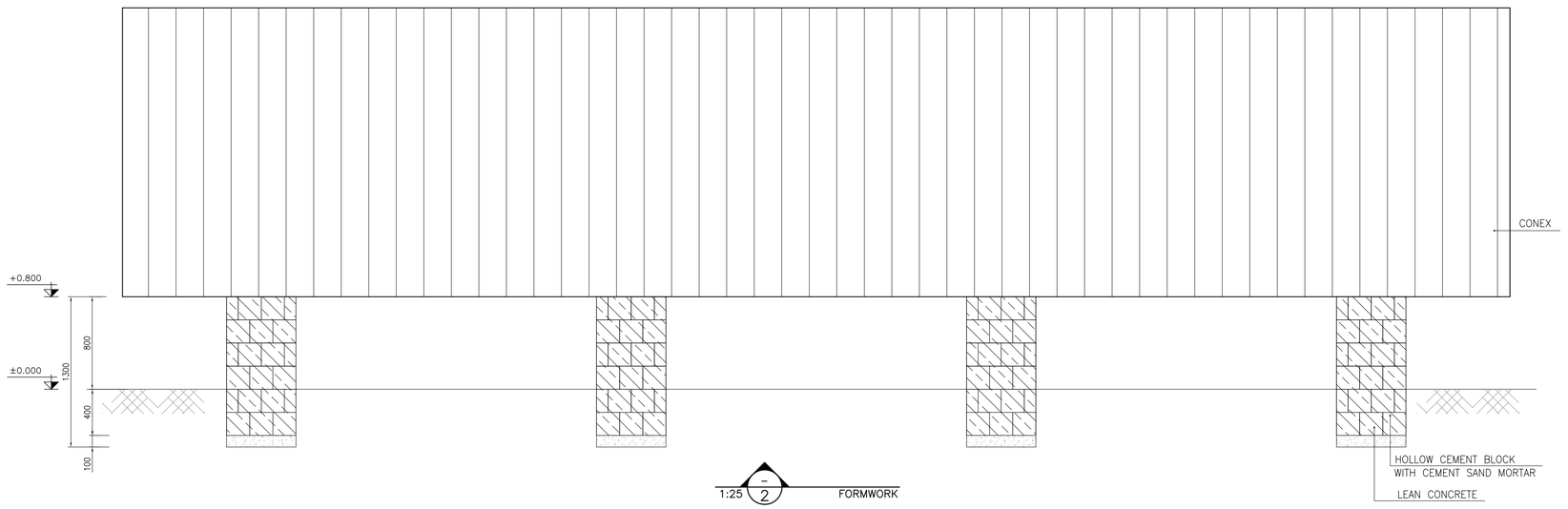
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	09 OF 47	D01

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	9	D01





1:25 (1) CONEX FOUNDATION PLAN



1:25 (2) FORMWORK

NOTES

1- ALL COORDINATES ARE IN METER.
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ELLIPSOID :	WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION:	UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM:	MSL

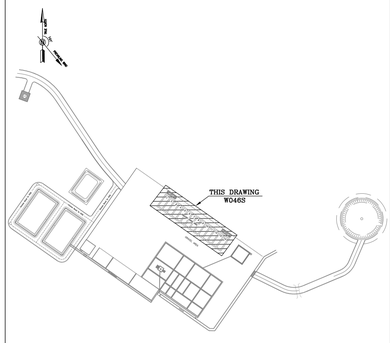
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LEGEND AND ABBREVIATION

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KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
***	**********		**.**	***.****	**.**	***.****
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
REV.	DATE	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): PEDCO — PETROIRAN DEVELOPMENT COMPANY

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

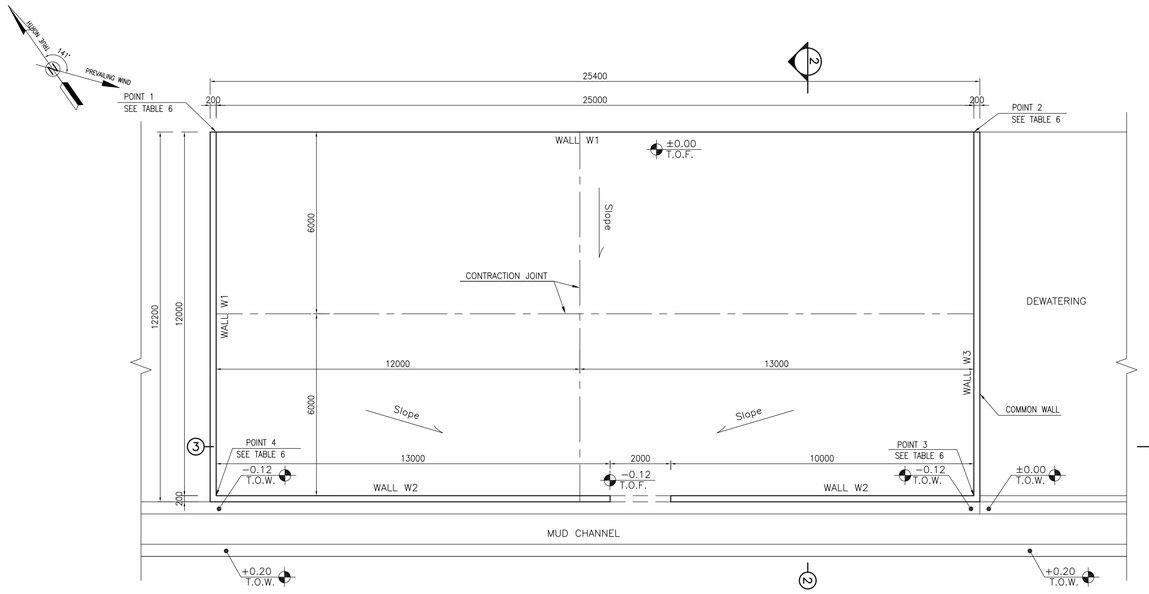
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

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	10 OF 47	D01

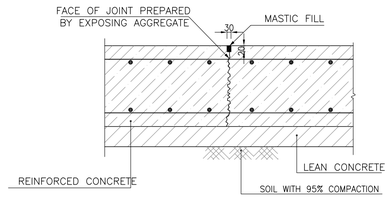
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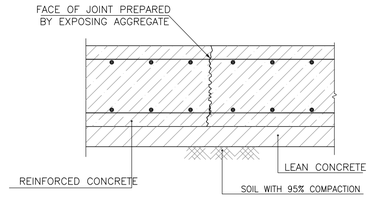
1:100 1 TREATMENT PAD PLAN FORMWORK

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

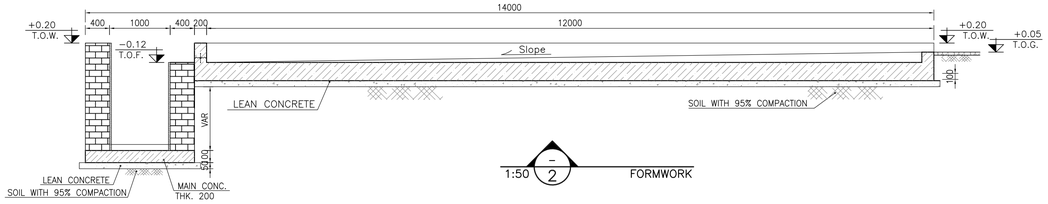
D01



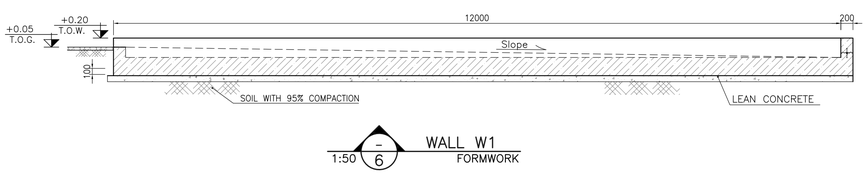
N.T.S. 7 TYPICAL CONTRACTION JOINT EVERY 4000



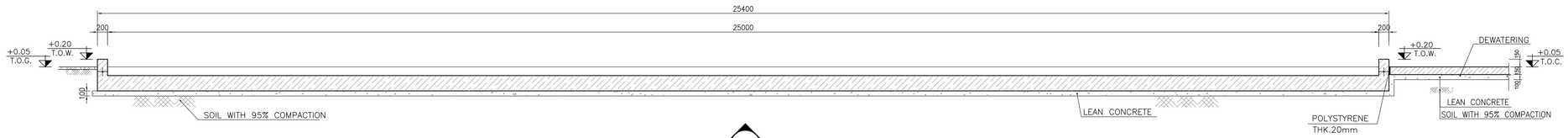
N.T.S. 8 TYPICAL CONSTRUCTION JOINT



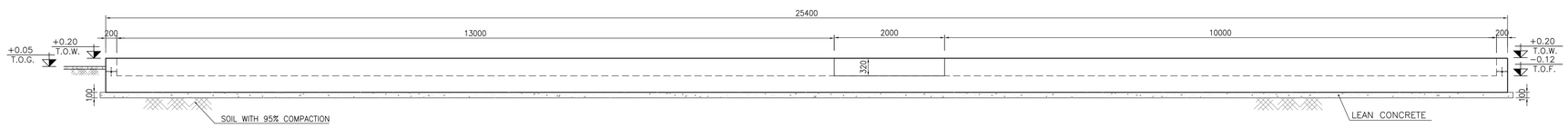
1:50 2 FORMWORK



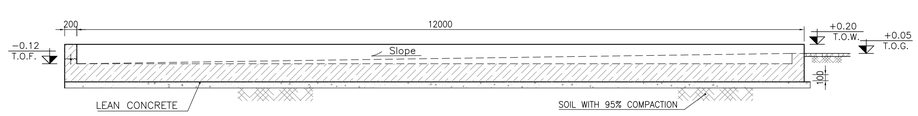
1:50 6 WALL W1 FORMWORK



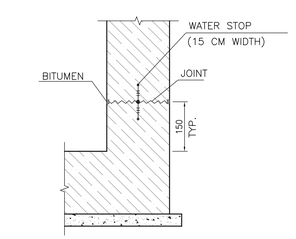
1:50 3 FORMWORK



1:50 4 WALL W2 FORMWORK



1:50 5 WALL W3 FORMWORK



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

NOTES

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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

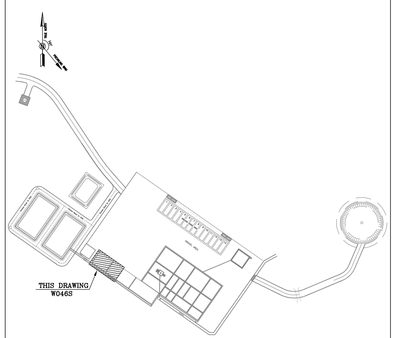
±0.00 = +57.00(R.G.L.)MSL

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.P.IT	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.
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

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 47	D01

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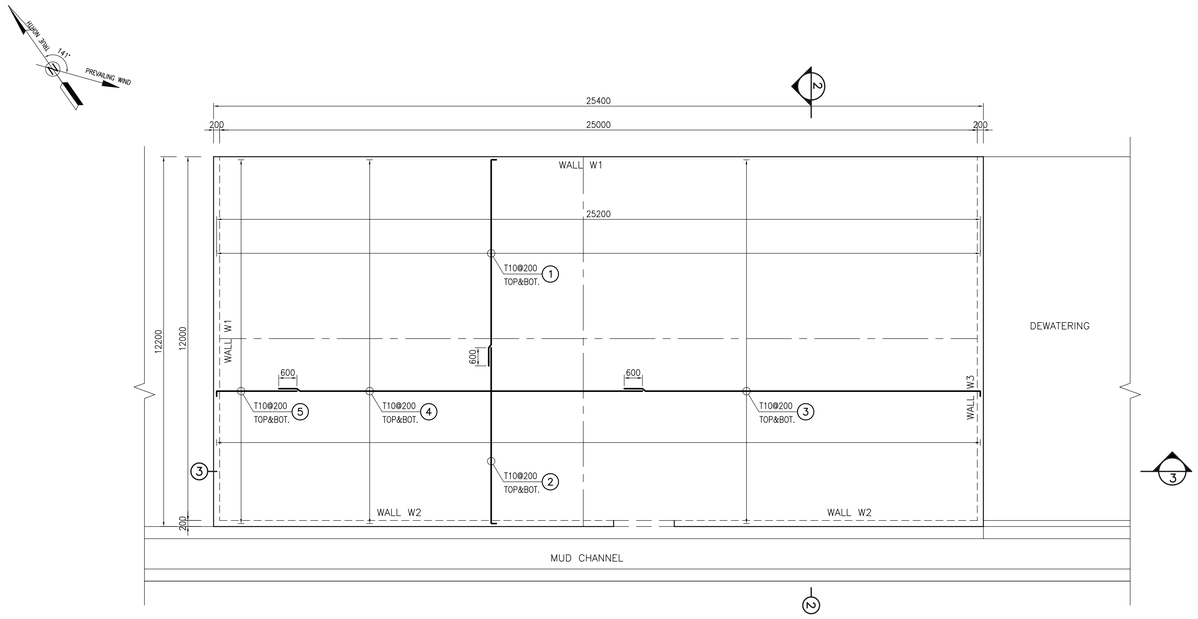
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

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	11	D01



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

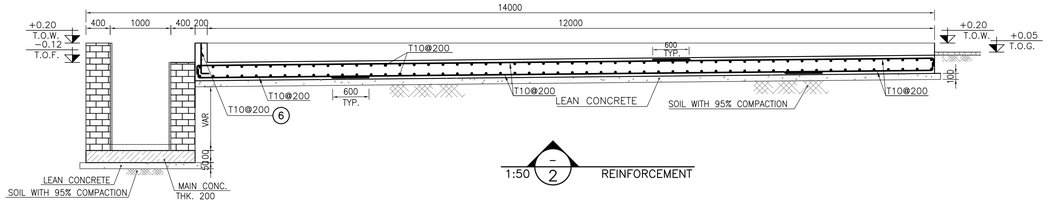
NOTES

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 30 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

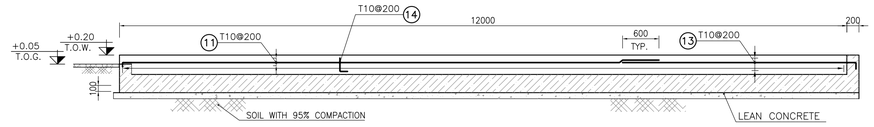
±0.00 = +57.00(R.G.L.)MSL

LEGEND AND ABBREVIATION

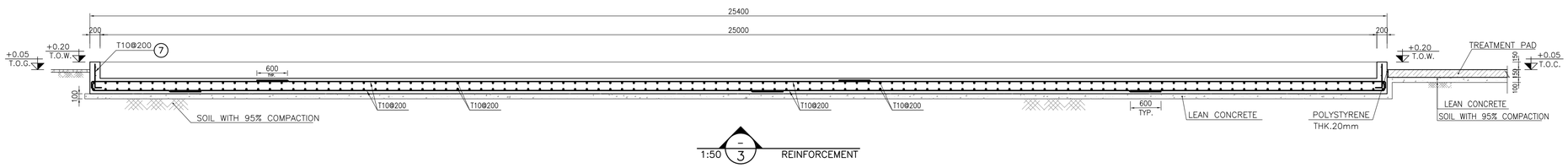
REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
LEAN CONCRETE	T.O.W.	TOP OF WALL
CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
GRAVEL	T.O.P.IT	TOP OF PIT
SUB GRADE	B.O.P.	BOTTOM OF PIPE
SLOPE	R.G.L.	ROUGH GRADING LEVEL
	T.O.CH.	TOP OF CHANNEL



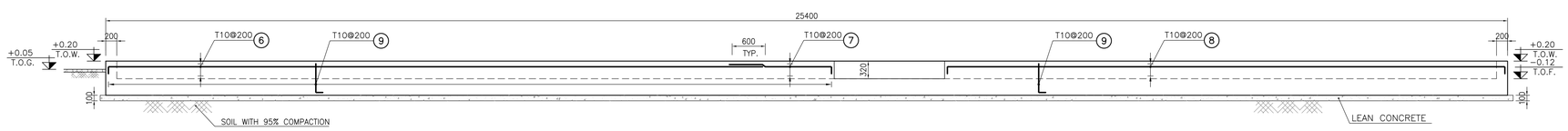
1:50 (2) REINFORCEMENT



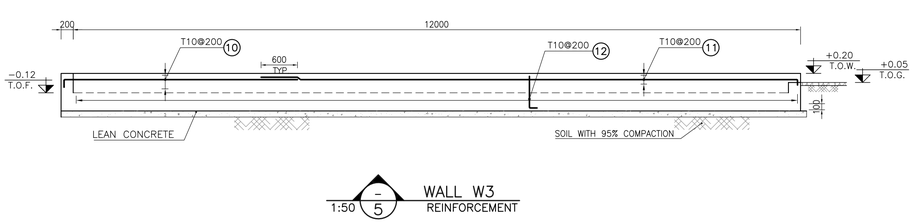
1:50 (6) WALL W1 REINFORCEMENT



1:50 (3) REINFORCEMENT



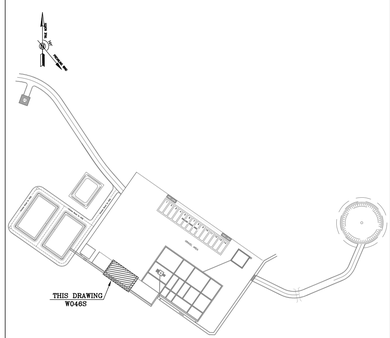
1:50 (4) WALL W2 REINFORCEMENT



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

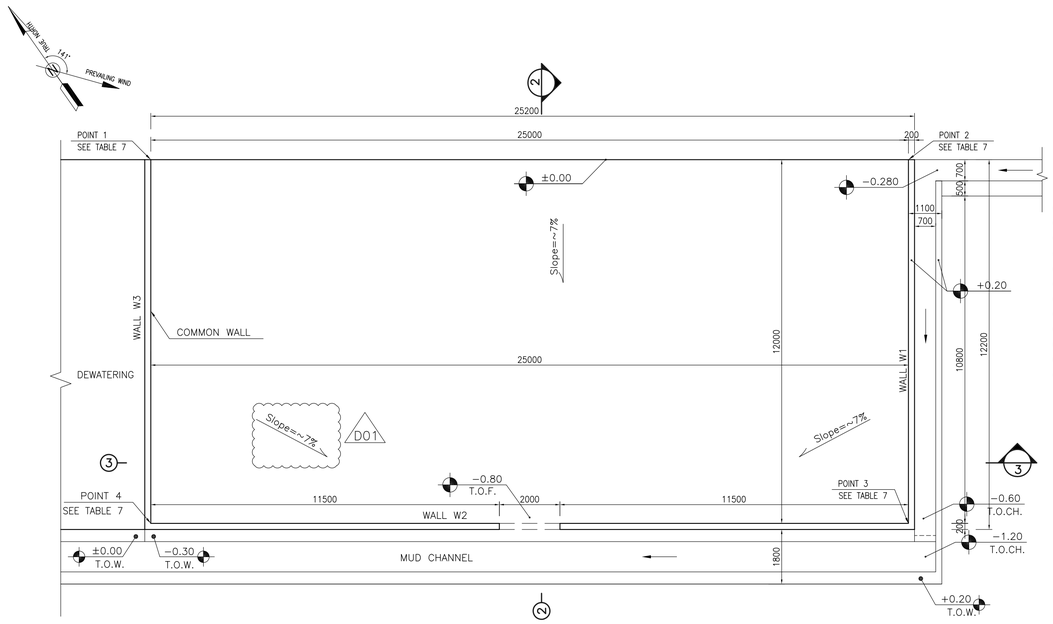
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APPROVED FOR CONSTRUCTION BY: DATE:

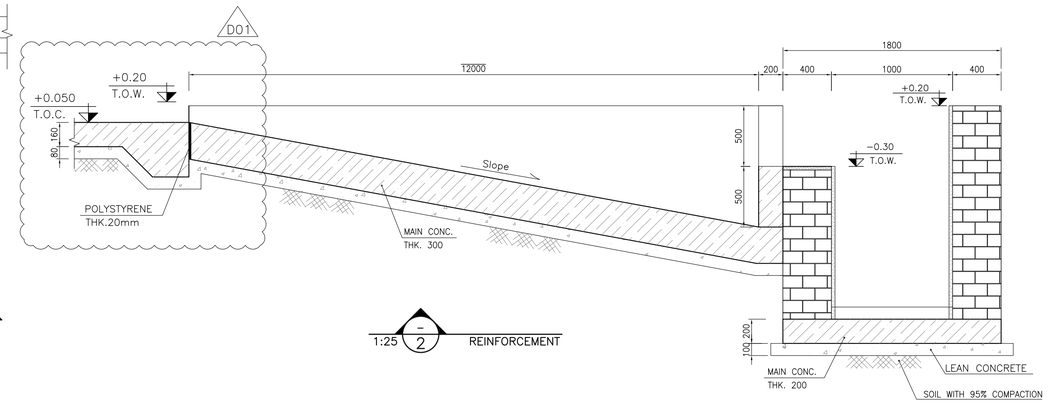
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS–W046S
TREATMENT PAD REINFORCEMENT – DETAIL & SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK–W046S–PEDCO–110–CV–PY–0002	12 OF 47	D01

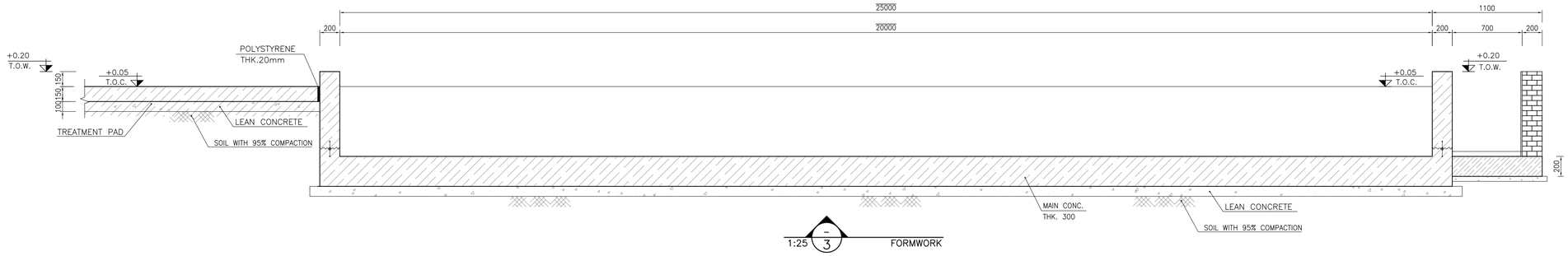
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053–073–9184	F	4	S	707654	12	D01



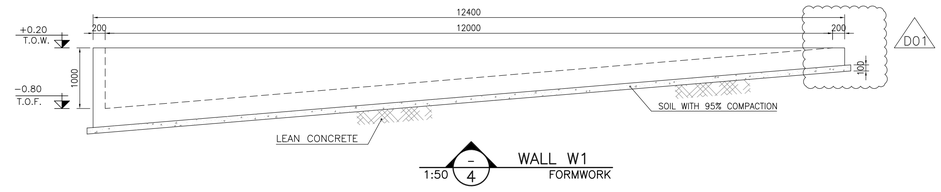
CORAL PIT PLAN
1:100 1 FORMWORK



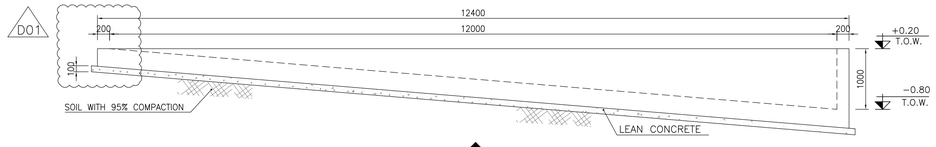
1:25 2 REINFORCEMENT



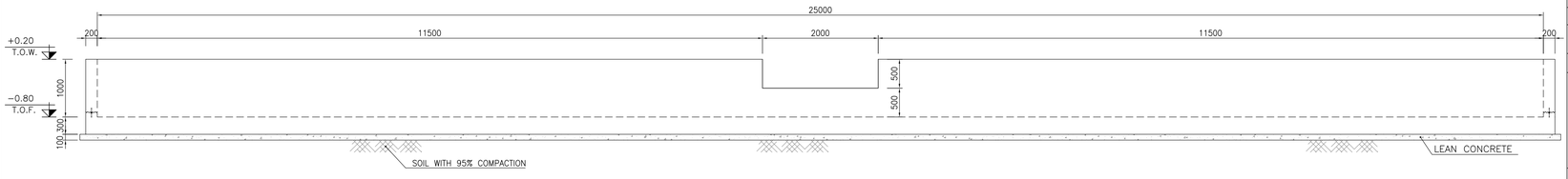
1:25 3 FORMWORK



WALL W1
1:50 4 FORMWORK



WALL W3
1:50 5 FORMWORK



WALL W2
1:50 6 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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2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
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ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL

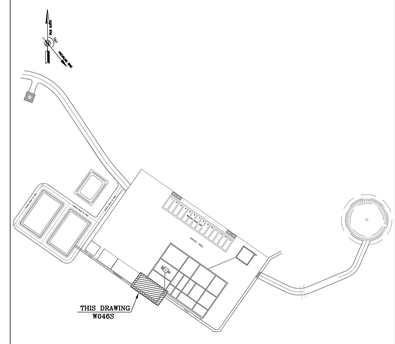
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LEGEND AND ABBREVIATION

REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
LEAN CONCRETE	T.O.W.	TOP OF WALL
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	T.O.CH.	TOP OF CHANNEL

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

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

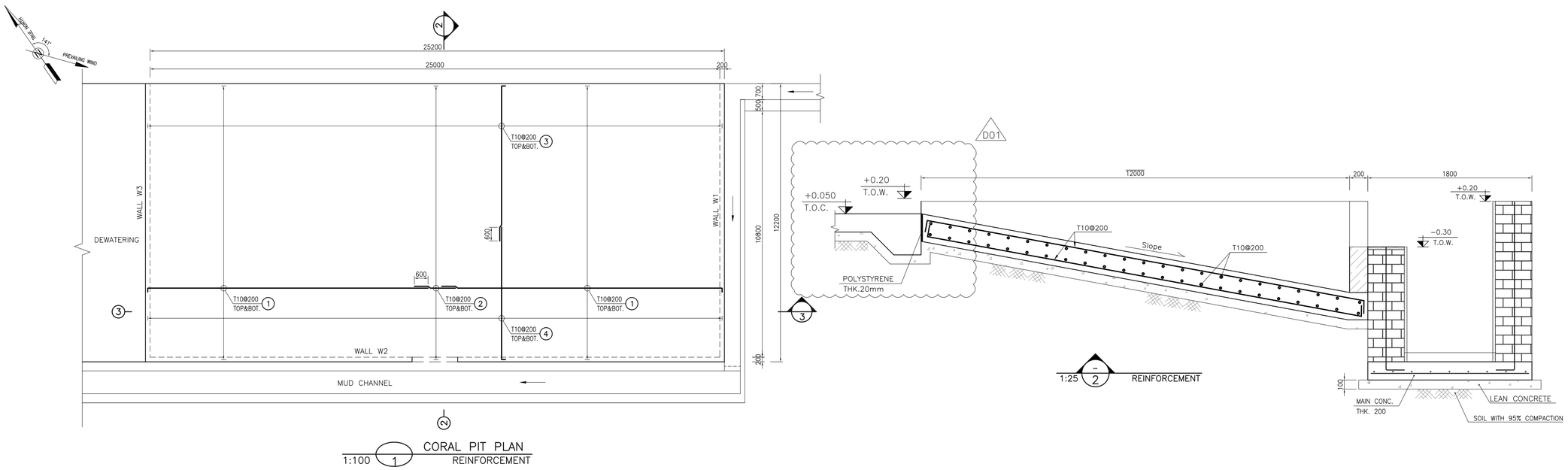
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

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

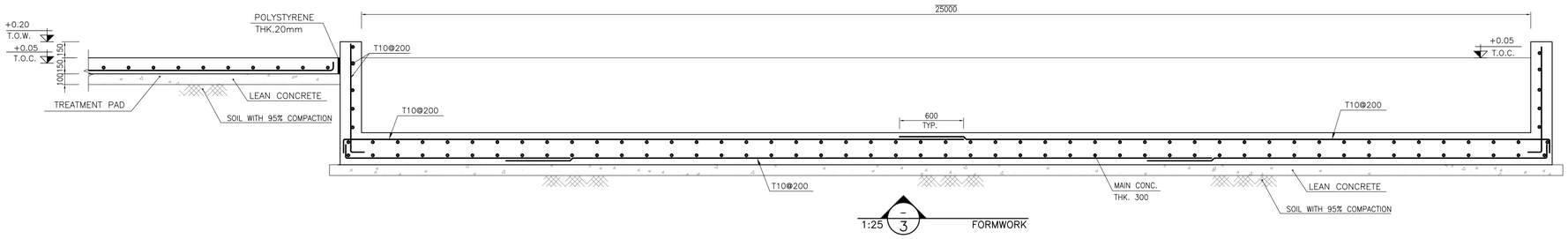
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	13 OF 47	D01

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	13	D01

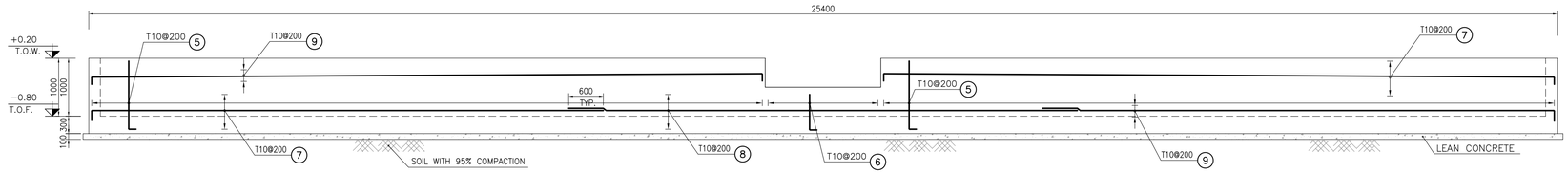


1:100 (1) CORAL PIT PLAN REINFORCEMENT

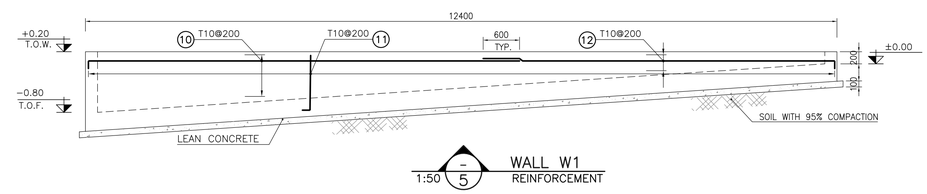
1:25 (2) REINFORCEMENT



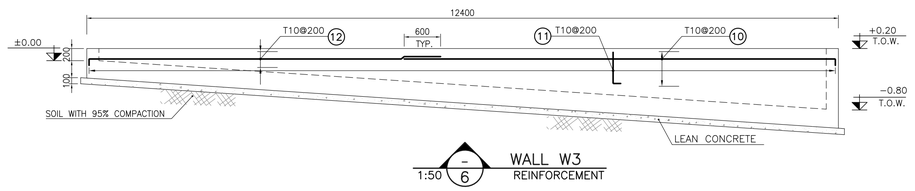
1:25 (3) FORMWORK



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 30 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

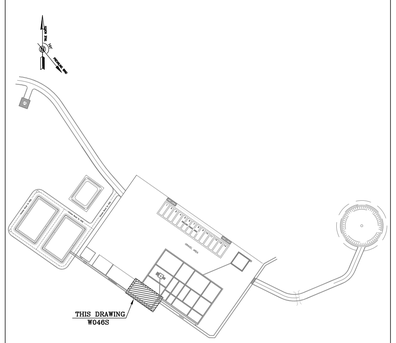
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LEGEND AND ABBREVIATION

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.P.IT	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	DESCRIPTION	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE
***	**********		**	***.****	**	***.****
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)

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	14 OF 47	D01

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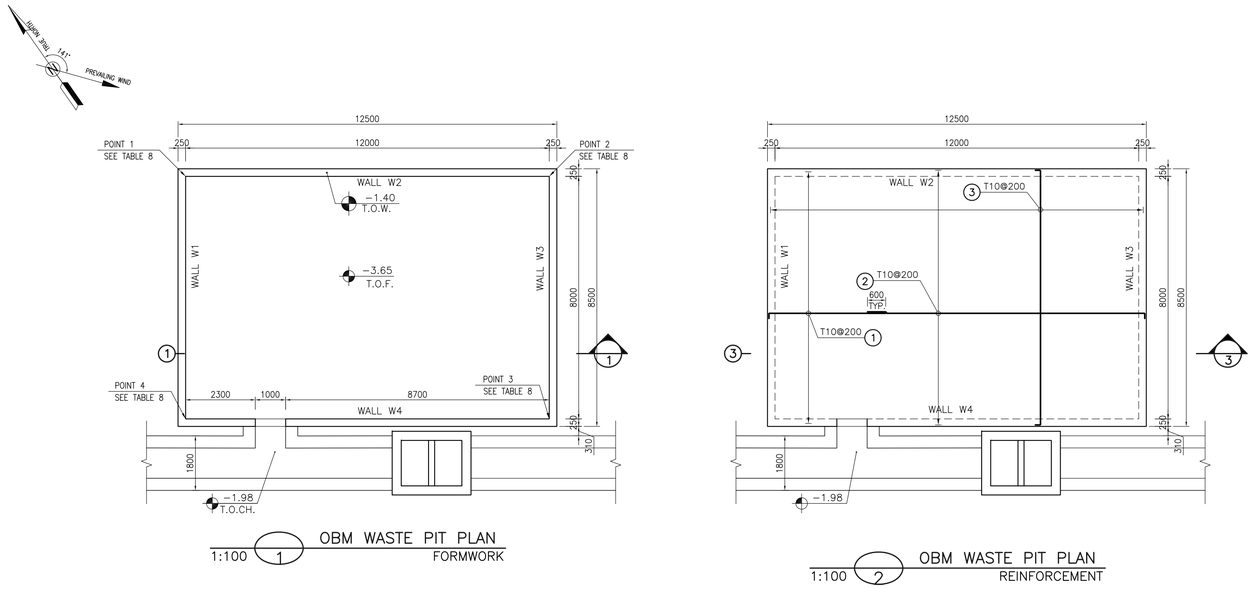
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

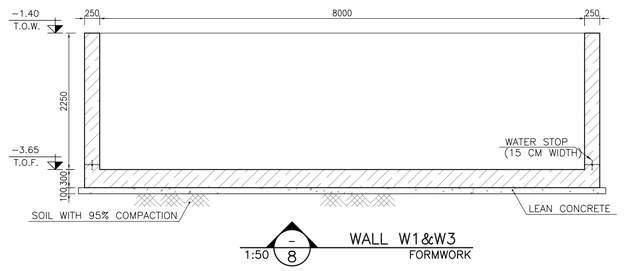
APPROVED FOR CONSTRUCTION | BY: | DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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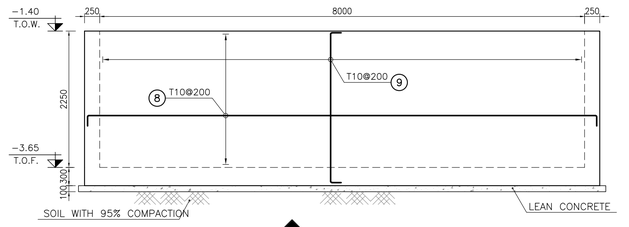


1:100 (1) OBM WASTE PIT PLAN FORMWORK

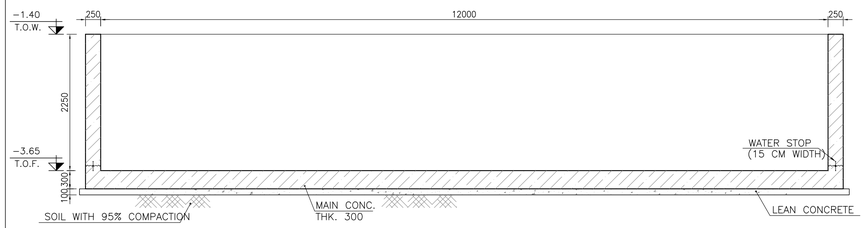
1:100 (2) OBM WASTE PIT PLAN REINFORCEMENT



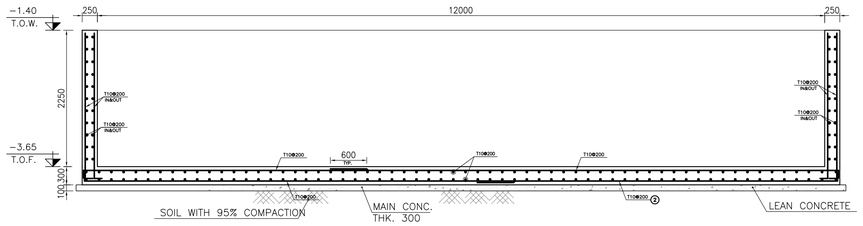
1:50 (8) WALL W1&W3 FORMWORK



1:50 (8) WALL W1&W3 REINFORCEMENT



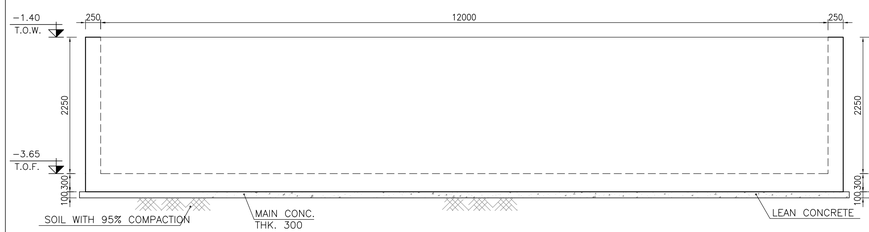
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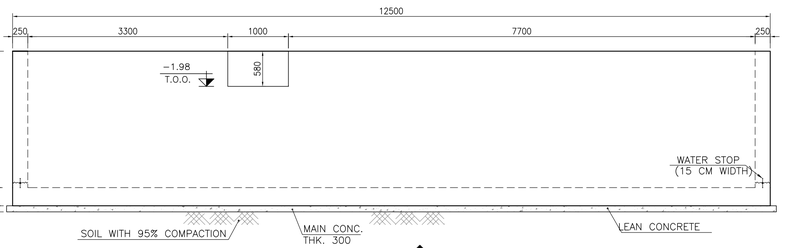
1:50 (3) REINFORCEMENT

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

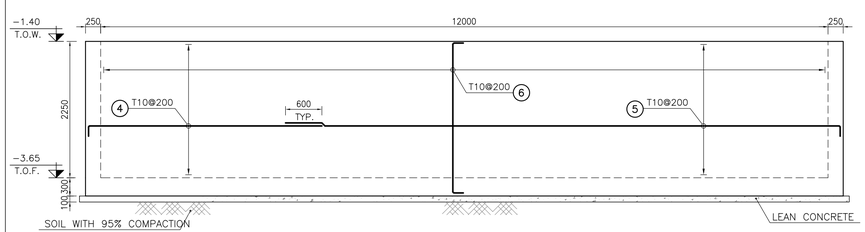
BAR BENDING SCHEDULE – OBM WASTE PIT					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	150 _ 3850	4.00	86	344.0
2	T10	150 _ 9150	9.30	86	799.8
3	T10	150 _ 8400 150	8.70	126	1096.2
4	T10	150 _ 3850	4.00	30	12.0
5	T10	150 _ 9150	9.30	30	279.0
6	T10	150 _ 2650 150	2.80	242	677.6
7	T10	150 _ 2050 150	2.20	12	26.4
8	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



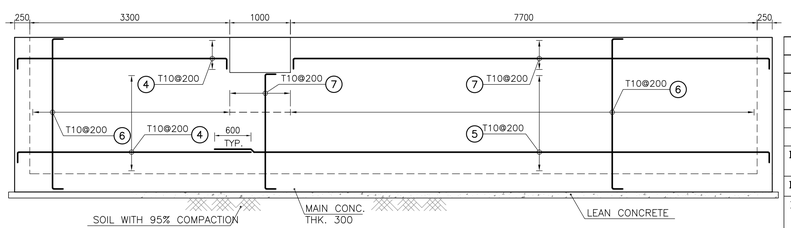
1:50 (4) WALL W2 FORMWORK



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 30 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

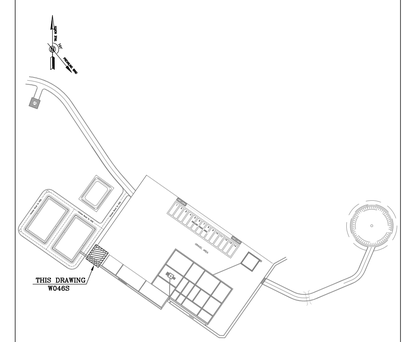
±0.00 = +57.00(R.G.L.)MSL

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.P.I.T	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.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
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.

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

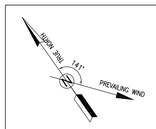
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

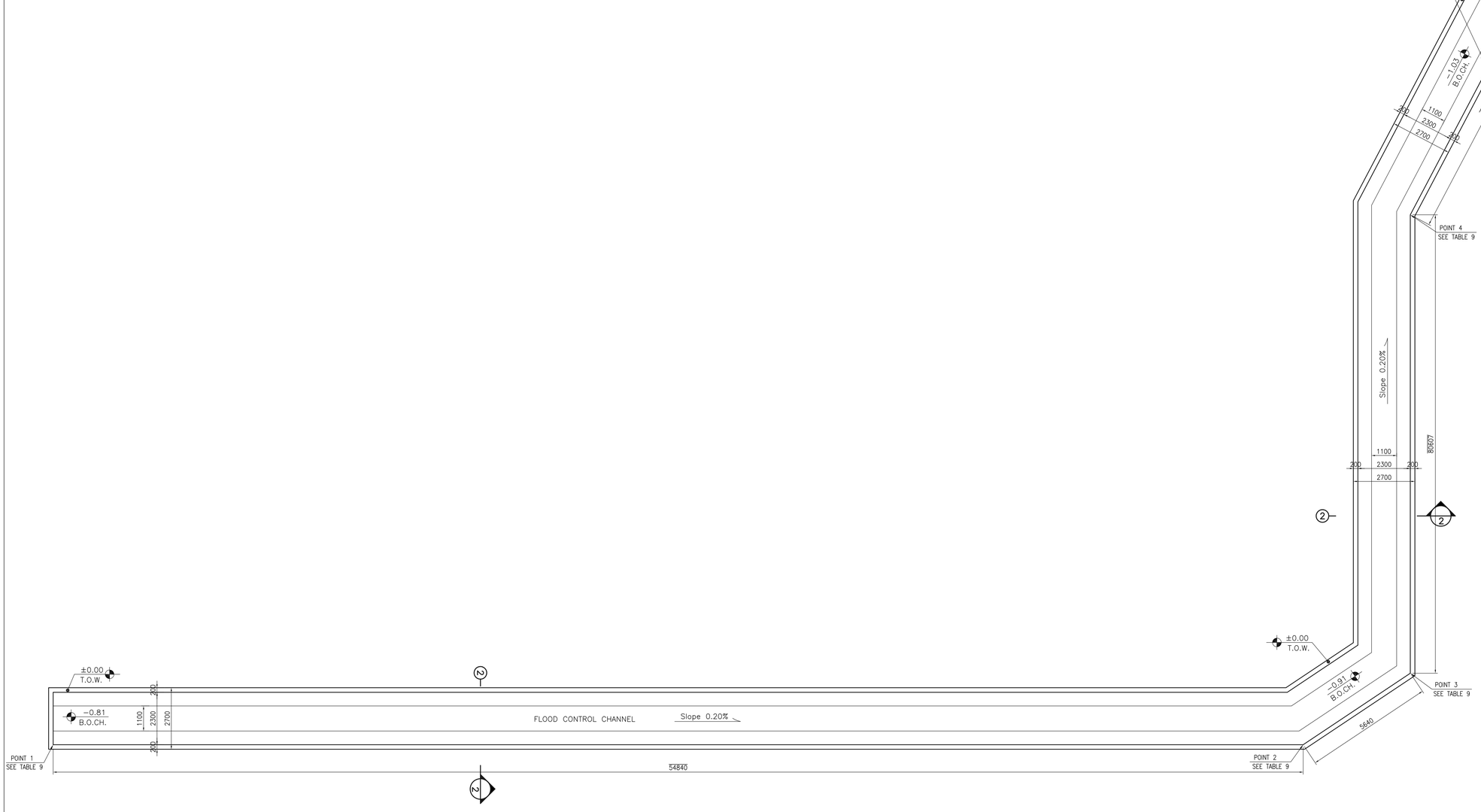
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
OBM WASTE PIT FORMWORK & REINFORCEMENT PLAN-SECTION

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

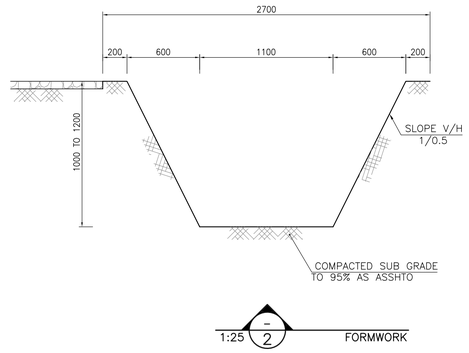
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	15 OF 47	D01

APPROVED FOR CONSTRUCTION			BY:		DATE:	
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	15	D01





1:100 (1) FLOOD CHANNEL PLAN



1:25 (2) FORMWORK

TABLE 9 (CORNERS COORDINATES)		
POINT 1	E=435603.713	N=3294353.722
POINT 2	E=435648.637	N=3294322.271
POINT 3	E=435654.275	N=3294322.145
POINT 4	E=435700.504	N=3294388.178
POINT 5	E=435710.917	N=3294393.882

NOTES

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

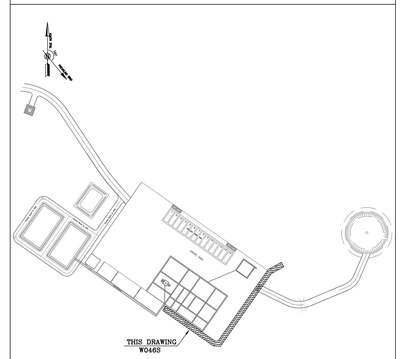
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LEGEND AND ABBREVIATION

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



D01 TOTALLY REVISED

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
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
***	**********	**.**	***.****	**.**	***.****

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

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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

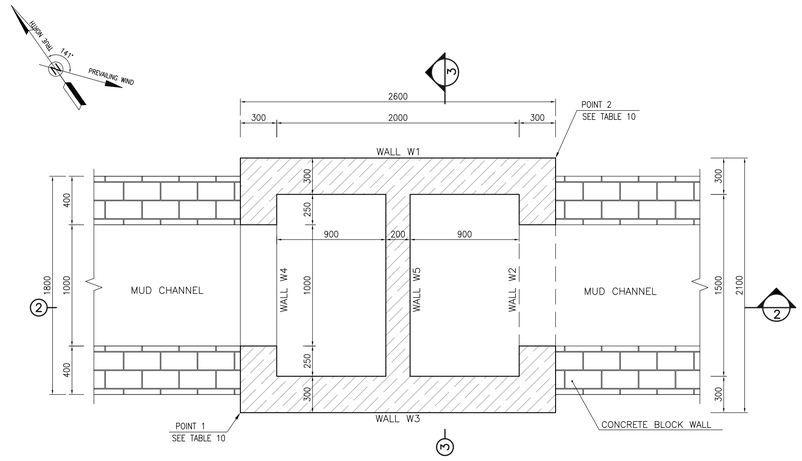
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DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
WATER CHANNEL FORMWORK PLAN-SECTION

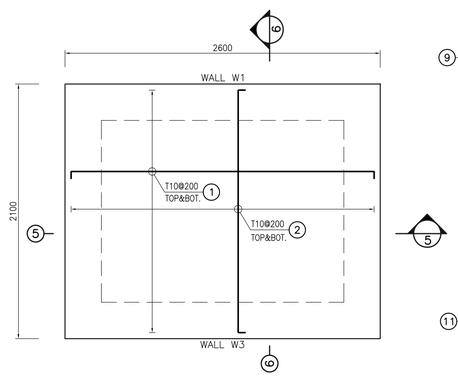
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APPROVED FOR CONSTRUCTION BY: DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	16 OF 47	D01

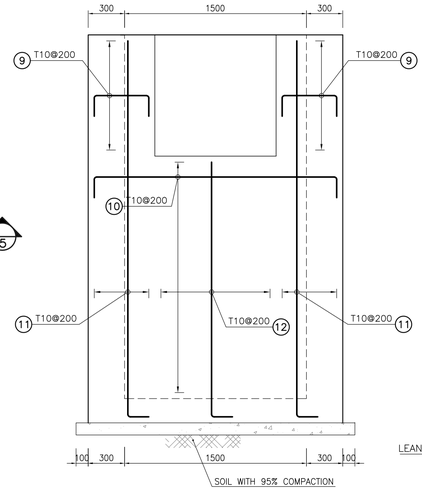
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053-073-9184	F	4	S	707654	16	D01



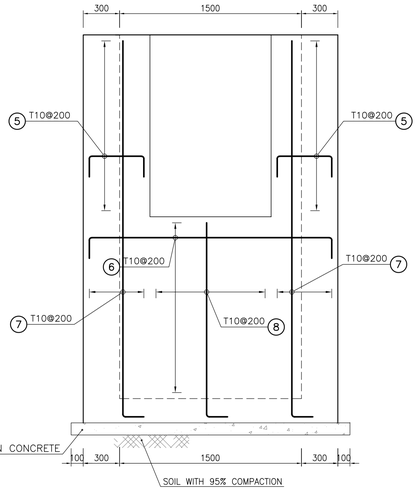
1:25 (1) OIL TRAP PIT PLAN FORMWORK



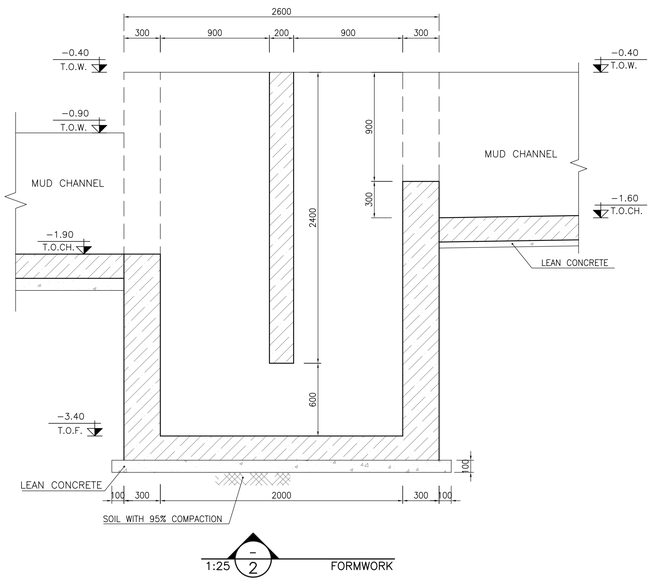
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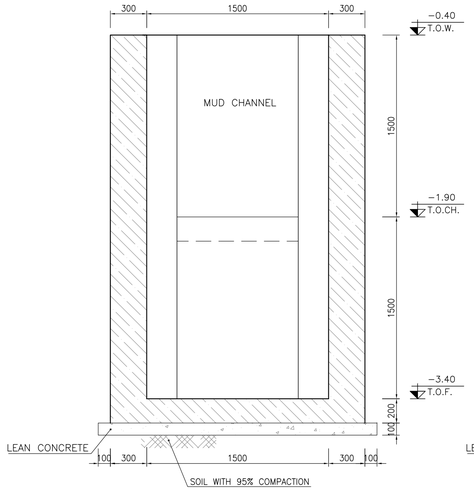
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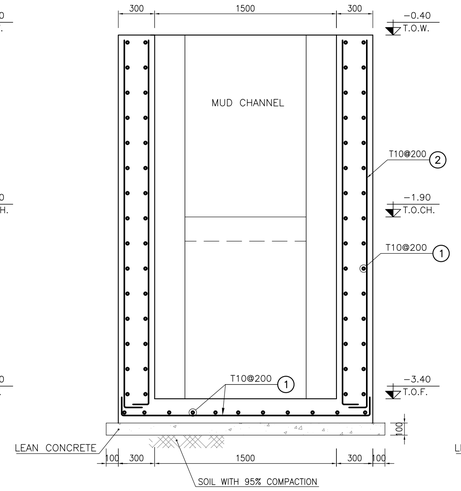
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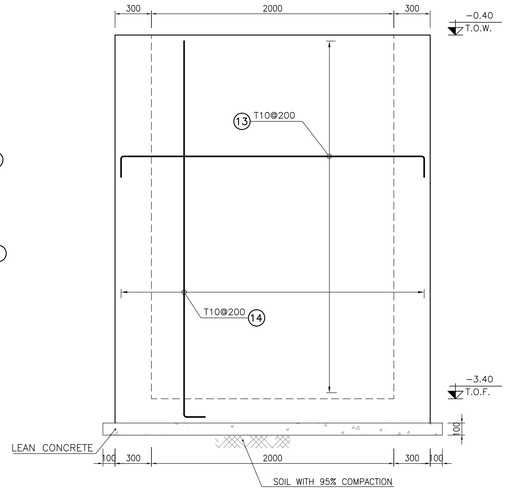
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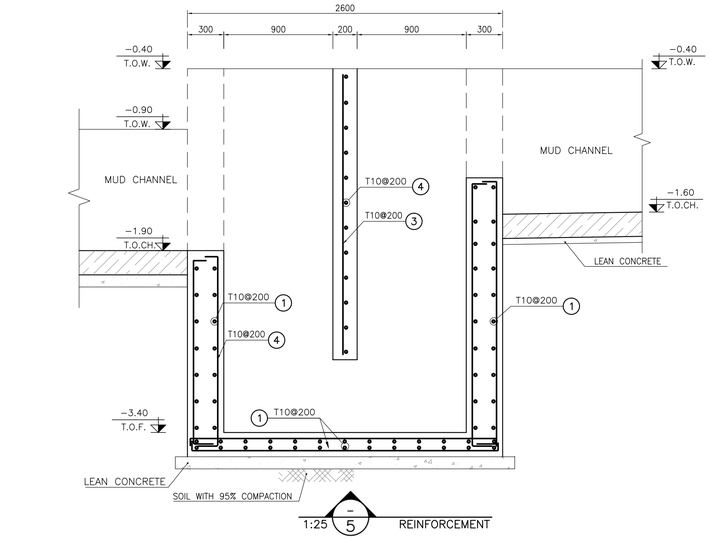
1:25 (3) FORMWORK



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. (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 30 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

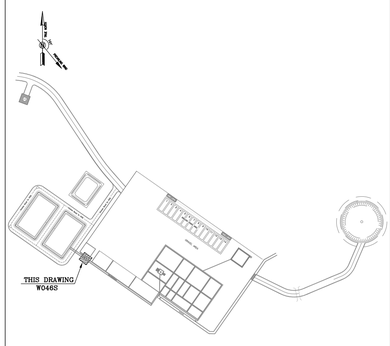
±0.00 = +57.00(R.G.L.)MSL

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.
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

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

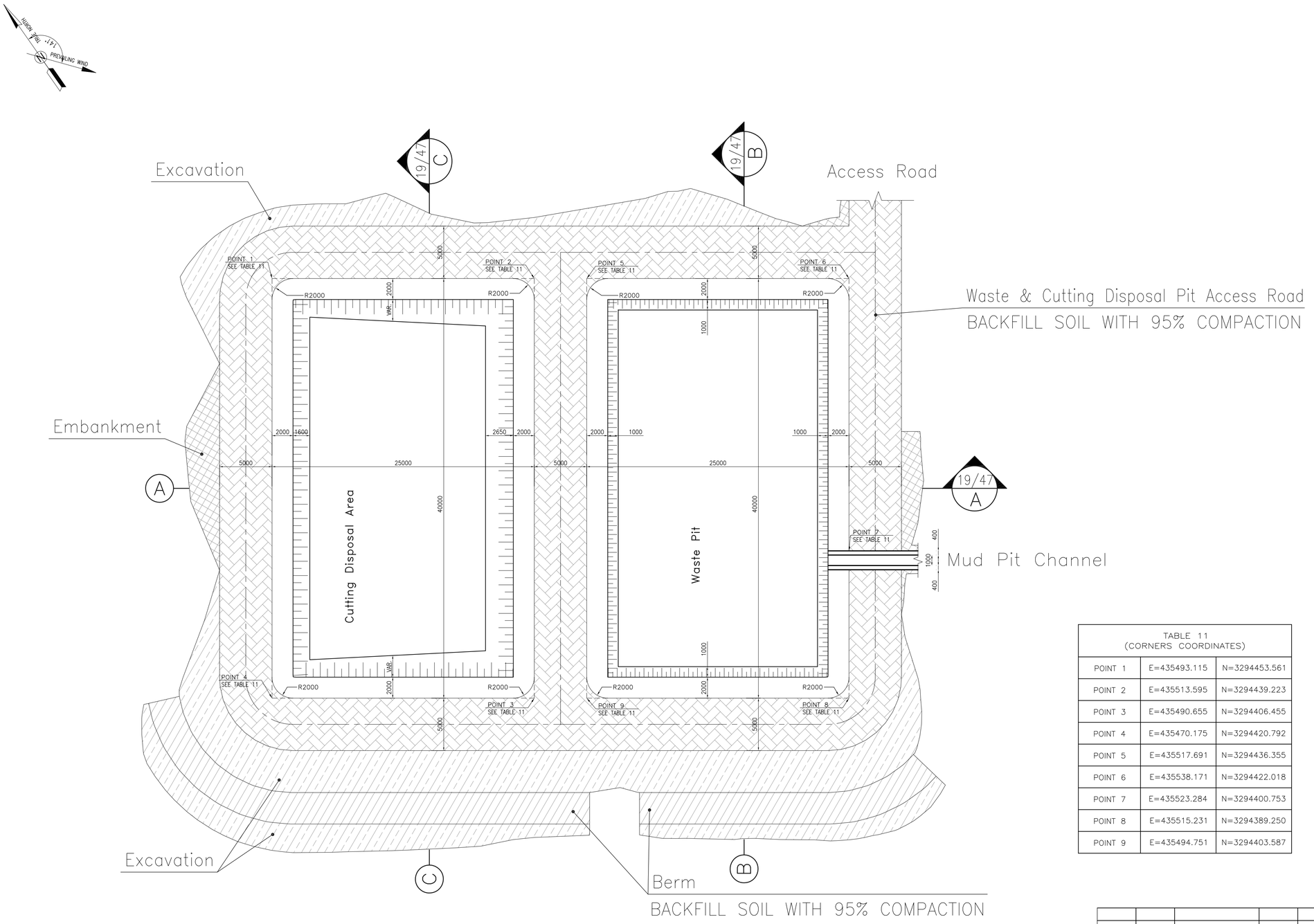
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	17 OF 47	D01	053-073-9184	F	4	S	707654	17	D01



1:200 (1) WASTE PIT & CUTTING DISPOSAL AREA PLAN

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 30 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
LEAN CONCRETE
CEMENT BLOCK WALL
GRAVEL
SUB GRADE
SLOPE
Excavation
Embankment

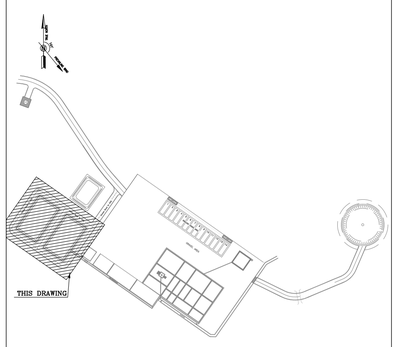
T.O.F.	TOP OF FOUNDATION
T.O.W.	TOP OF WALL
T.O.C.	TOP OF CONCRETE
T.O.PIT	TOP OF PIT
B.O.P.	BOTTOM OF PIPE
R.G.L.	ROUGH GRADING LEVEL
T.O.CH.	TOP OF CHANNEL

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

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

D01: TOTALLY REVISED

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

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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

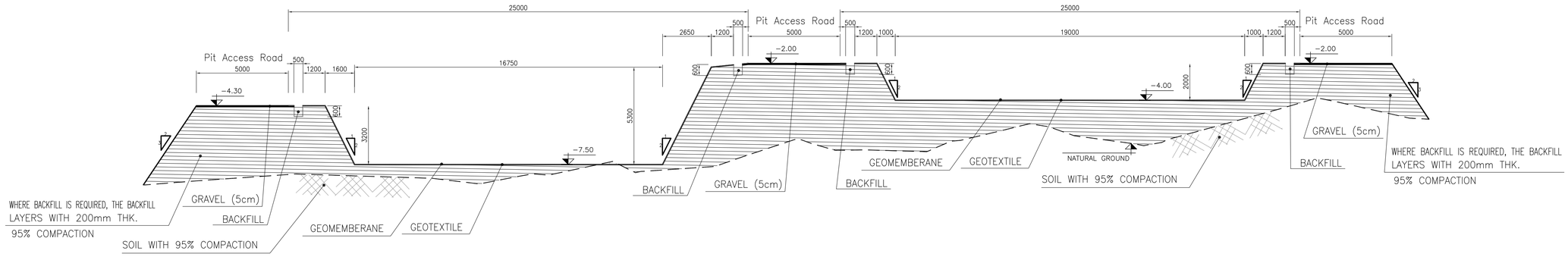
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DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
WASTE PIT & CUTTING DISPOSAL AREA PLAN

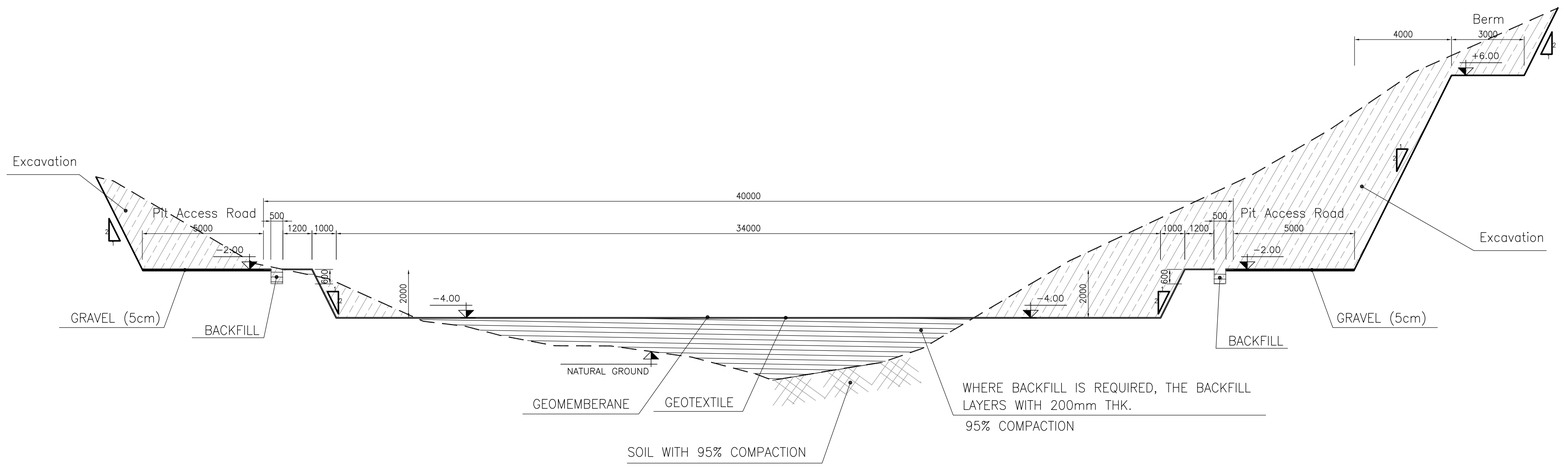
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APPROVED FOR CONSTRUCTION BY: DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	18 OF 47	D01

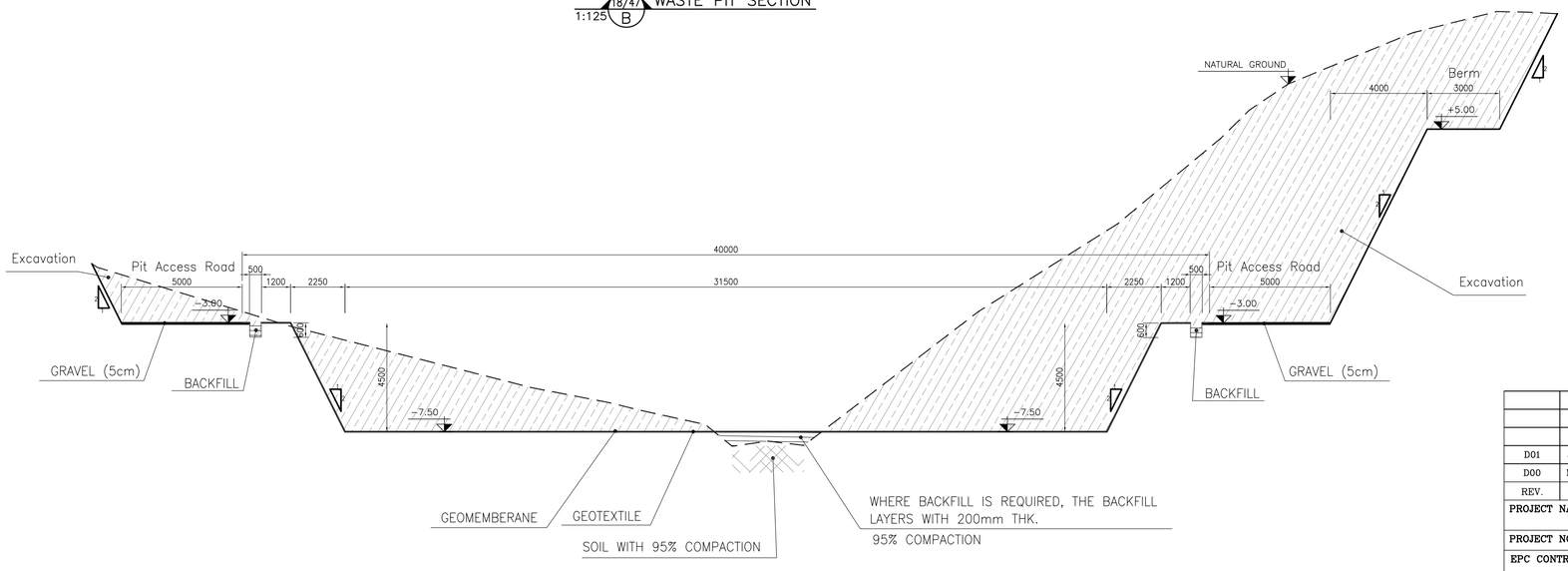
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	18	D01



18/47 A 1:125 WASTE PIT & CUTTING DISPOSAL AREA SECTION



18/47 B 1:125 WASTE PIT SECTION



18/47 C 1:125 CUTTING DISPOSAL AREA SECTION

D01 TOTALLY REVISED

NOTES

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

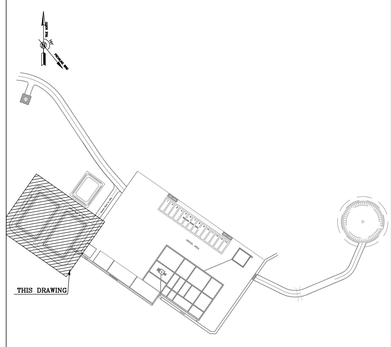
±0.00 = +57.00(R.G.L.)MSL

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
GRAVEL	T.O.P.IT	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.
***	**********		**.**	***.****	**.**	***.****
D01	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
REV.	DATE	DESCRIPTION	BY	DATE	BY	DATE
			CHECKED		REV. APPR.	

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

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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

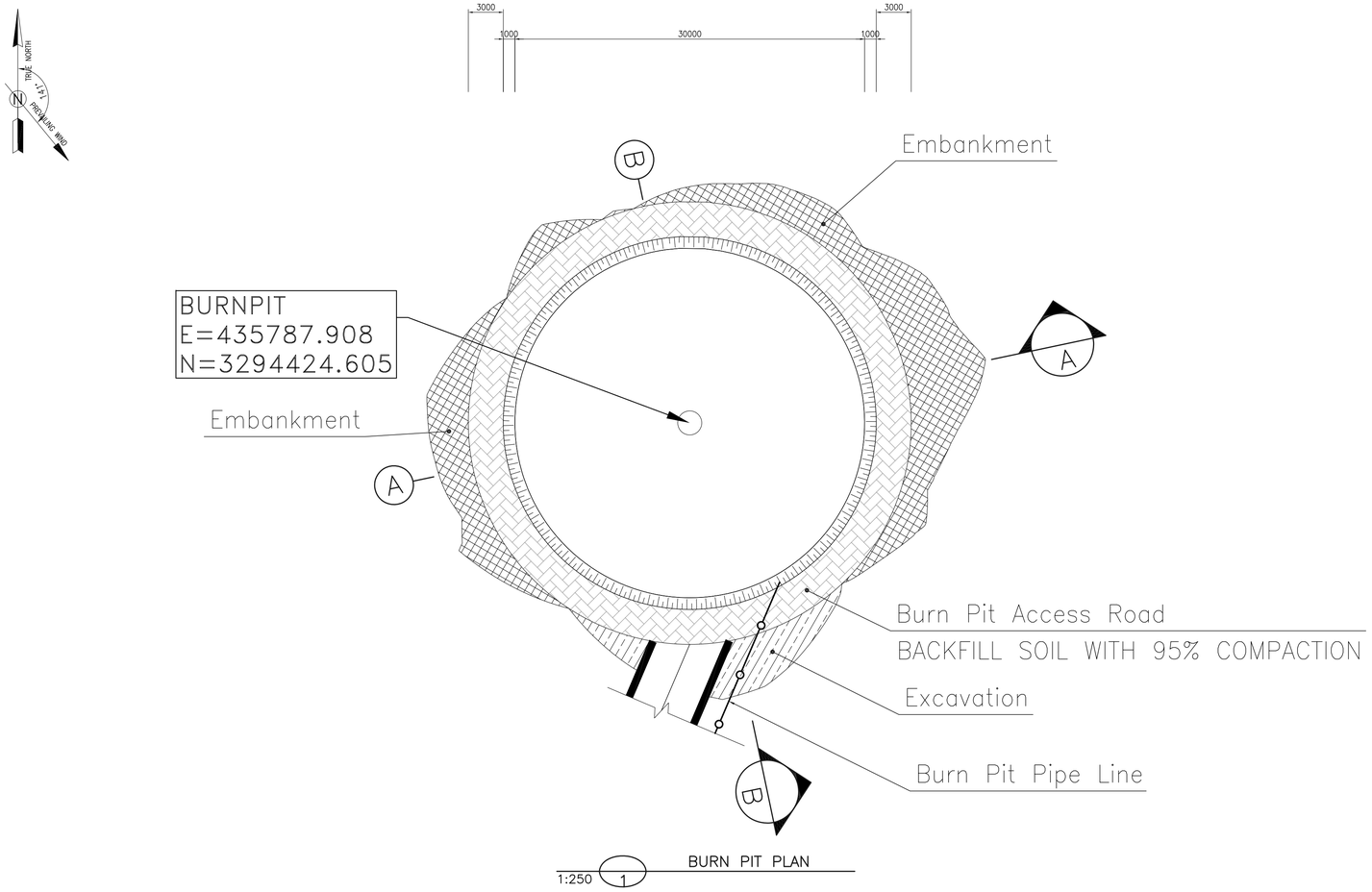
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

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

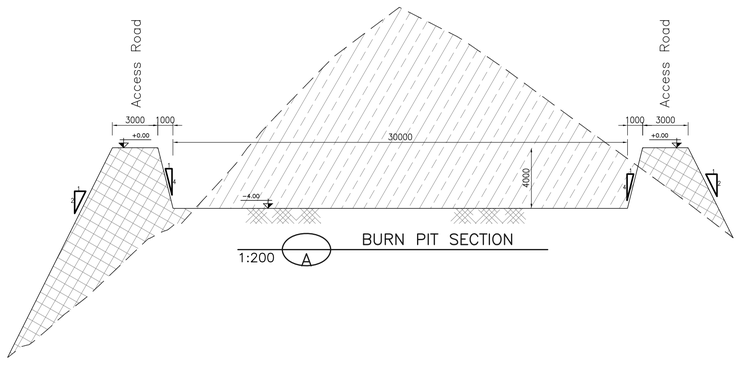
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	19 OF 47	D01

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	19	D01



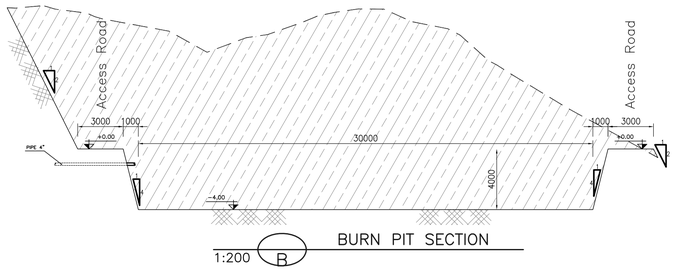
BURN PIT PLAN

1:250 1



BURN PIT SECTION

1:200 A



BURN PIT SECTION

1:200 B

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 30 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

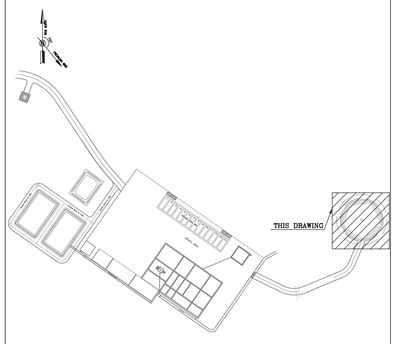
±0.00 = +57.00(R.G.L.)MSL

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

KEY PLAN



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

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
BURN PIT PLAN-SECTIONS

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

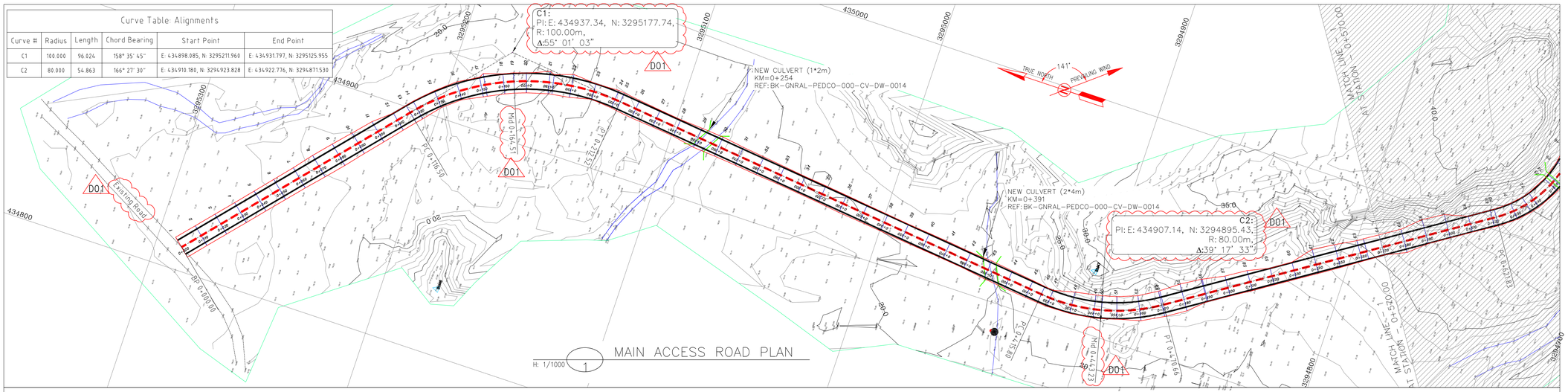
APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	20 OF 47	D01

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	20	D01

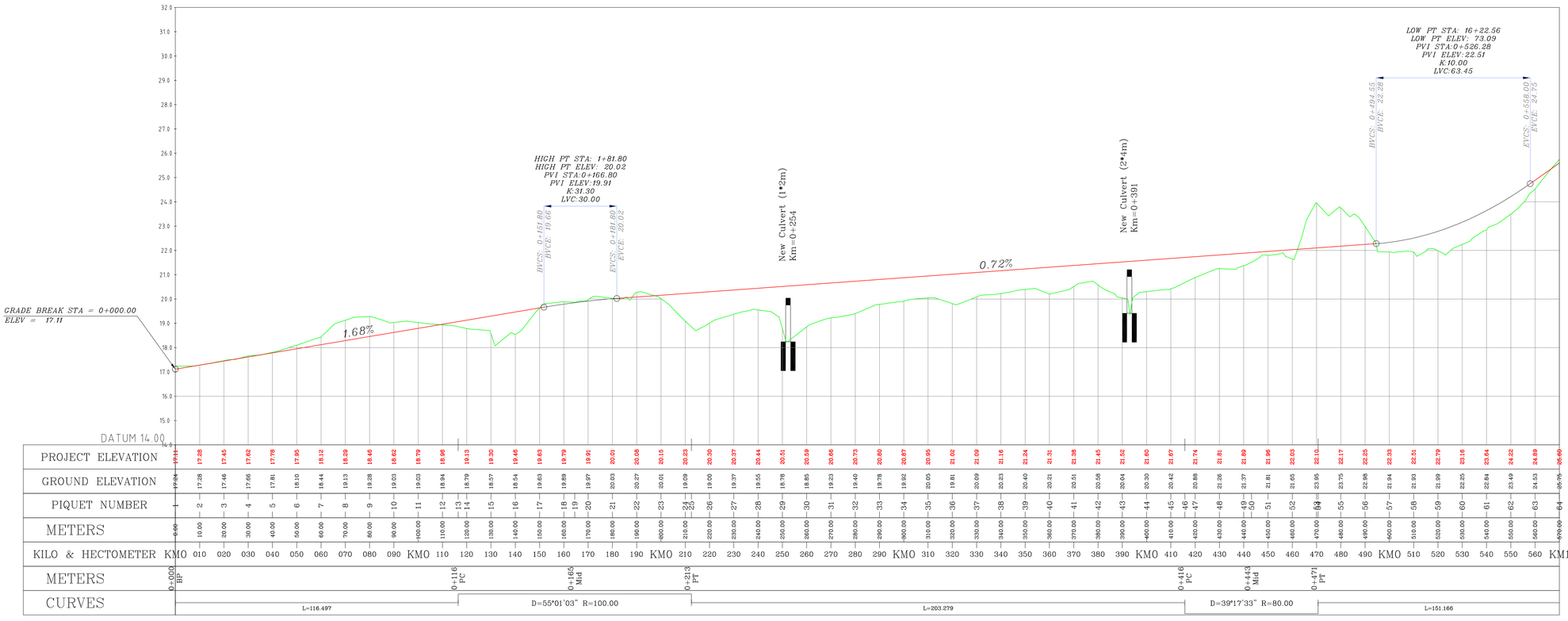
/D01/
TOTALLY REVISED

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: 3294871.539



MAIN ACCESS ROAD PLAN

H: 1/1000 1



MAIN ACCESS ROAD PROFILE

H: 1/1000
V: 1/100
2

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

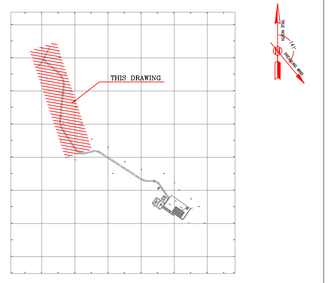
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

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
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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
D01

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+000.00	3295288.52	434810.28
0+010.00	3295281.95	434817.82
0+020.00	3295275.38	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+212.52	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	434909.93
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	434933.36
0+500.00	3294846.98	434938.84
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

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

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 47	D01

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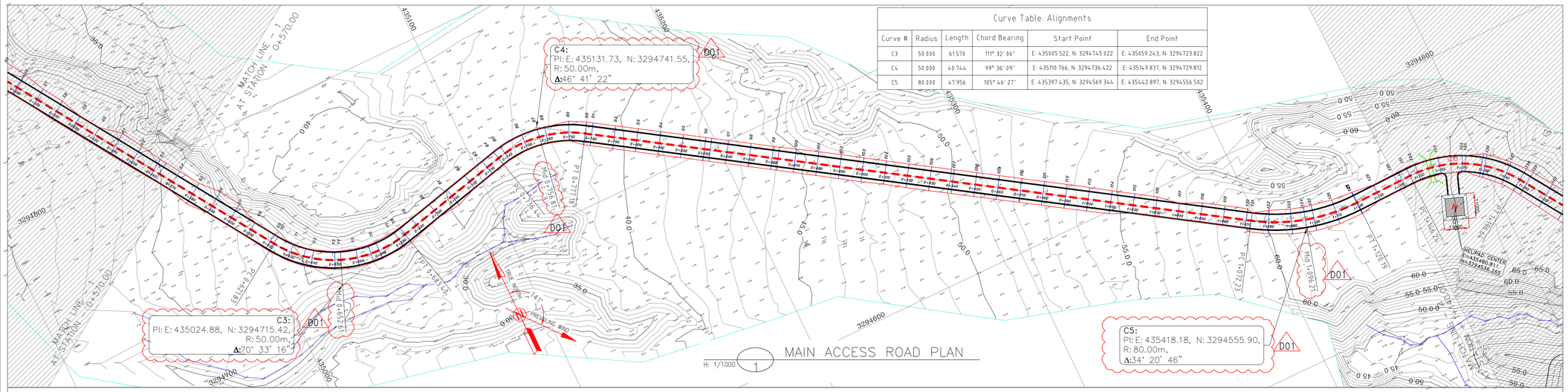
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

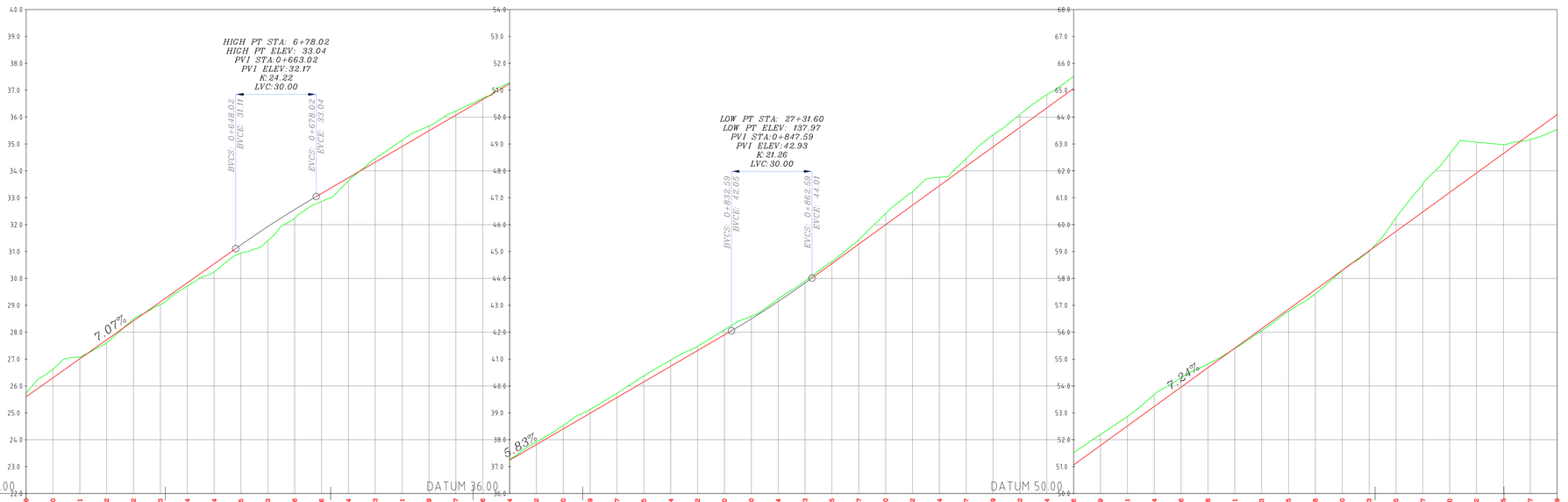
APPROVED FOR CONSTRUCTION | BY: | DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	21	D01



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: 3294556.502

H: 1/1000 — 1 — MAIN ACCESS ROAD PLAN



H: 1/1000
V: 1/100 — 2 — MAIN ACCESS ROAD PROFILE

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
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LEGEND

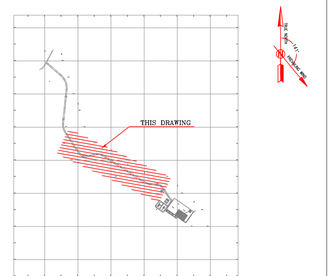
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W046S	BK-W046S-PEDCO-110-CV-PY-0001
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D01

KEY PLAN



Bench Mark List			
Name	Easting(m)	Northing(m)	Elevation(m)
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GPS1	435686.115	3294303.397	78.025

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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	3294726.90	435026.61
0+652.61	3294725.88	435029.01
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	3294733.27	435143.55
0+777.18	3294729.81	435149.84
0+780.00	3294728.28	435152.20
0+790.00	3294727.84	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	DATE	BY	DATE
			CHECKED		REV. APPR.	
D01	JUL.2022	IFA	R. BERLOUEI	M.PAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.PAKHARIAN	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): PEDCO — 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 47	D01

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

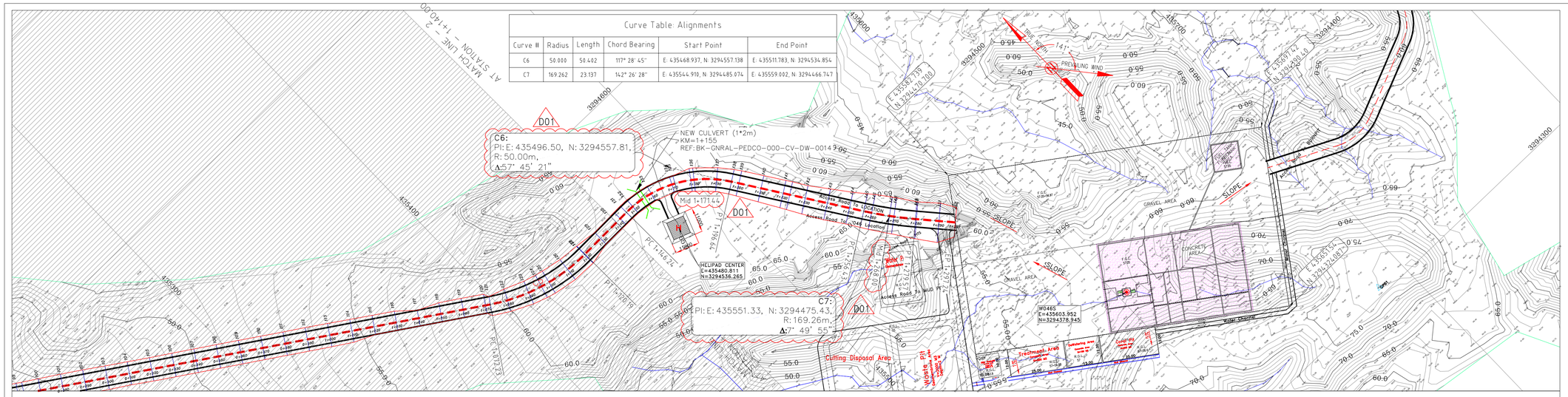
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NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION	BY:	DATE:

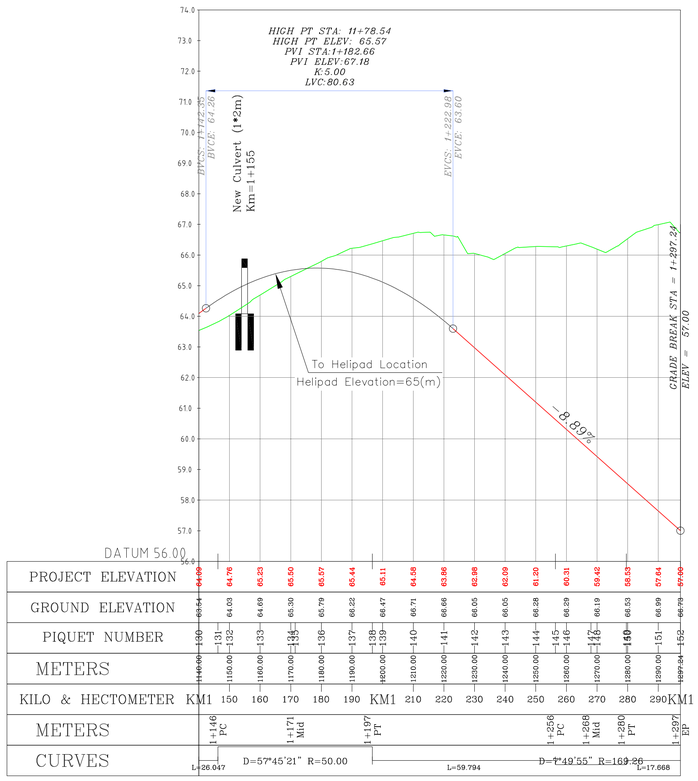
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	22	D01

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)

NOTES

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

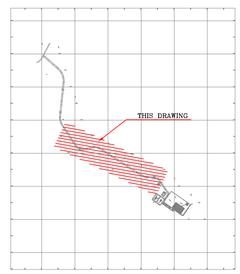
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
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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
D01

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
1+140.00	3294556.39	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

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

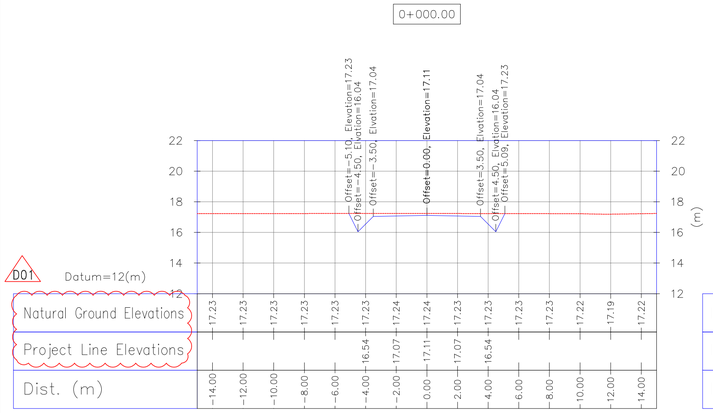
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
ACCESS ROAD PLAN AND PROFILE SECTION

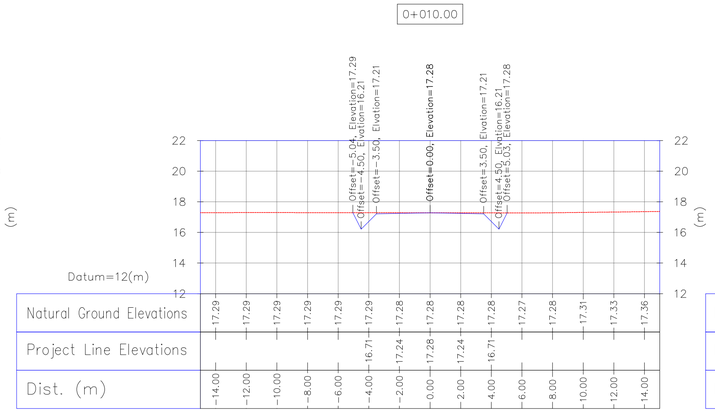
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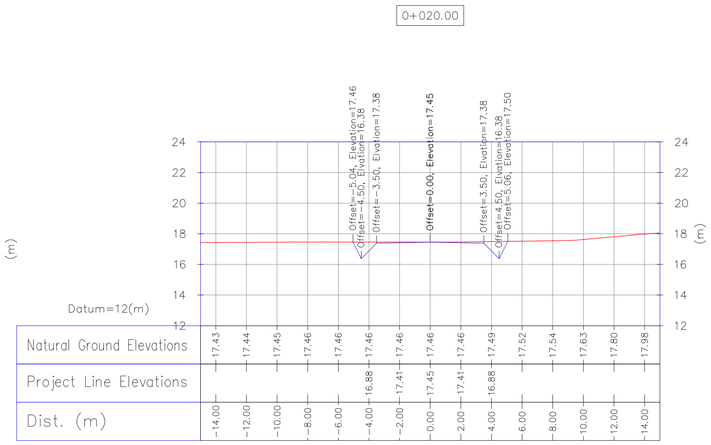
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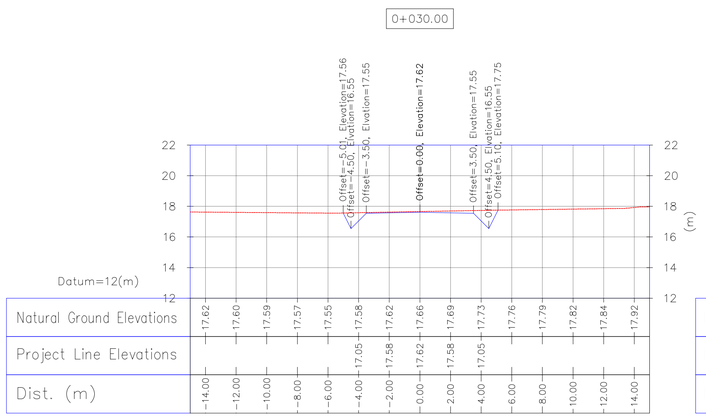
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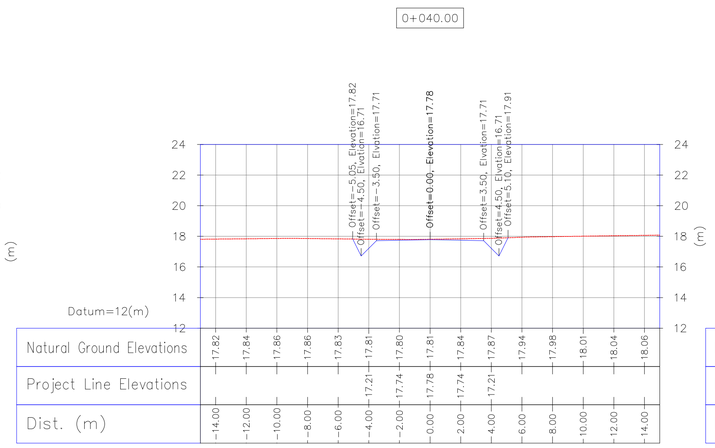
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	23	D01

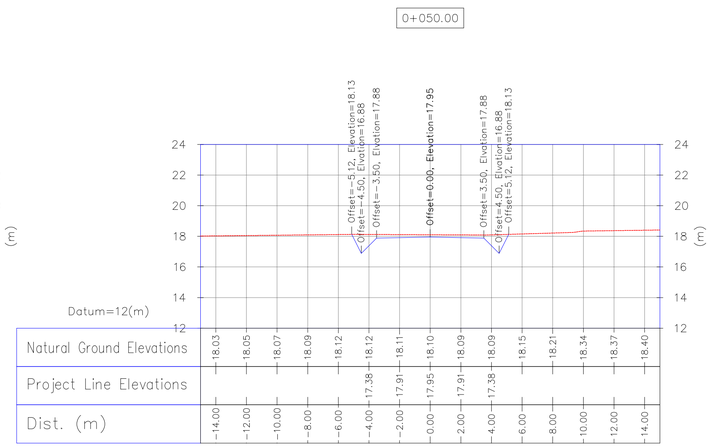


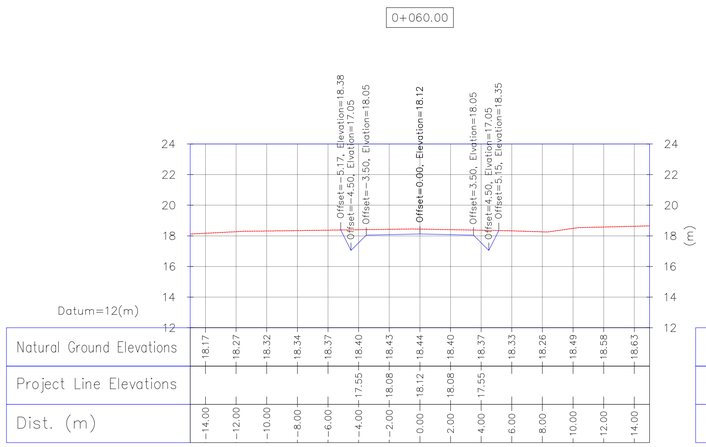


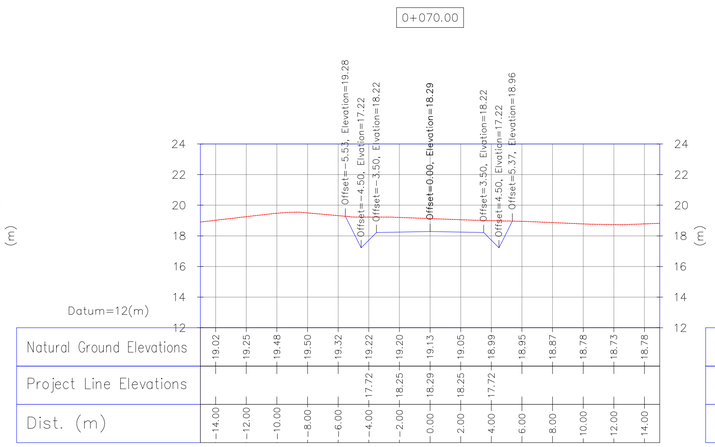


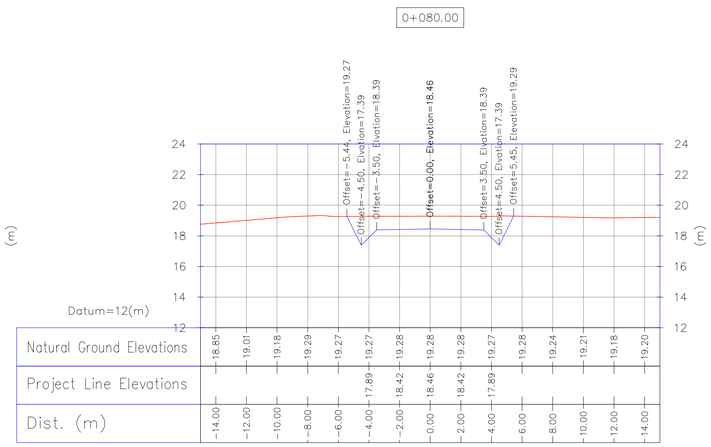












Wellpad Access Road Transversal Sections

1:200

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LEGEND

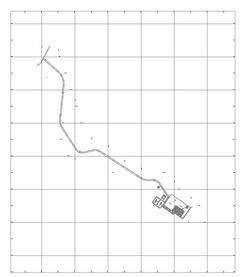
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
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BENCH MARK
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REFERENCE DRAWING	DRG. No.
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KEY PLAN



Bench Mark List

Name	Easting(m)	Northing(m)	Elevation(m)
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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.
D01	JUL.2022	IFA	R. BERLOUEI	M.PAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.PAKHARIAN	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

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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

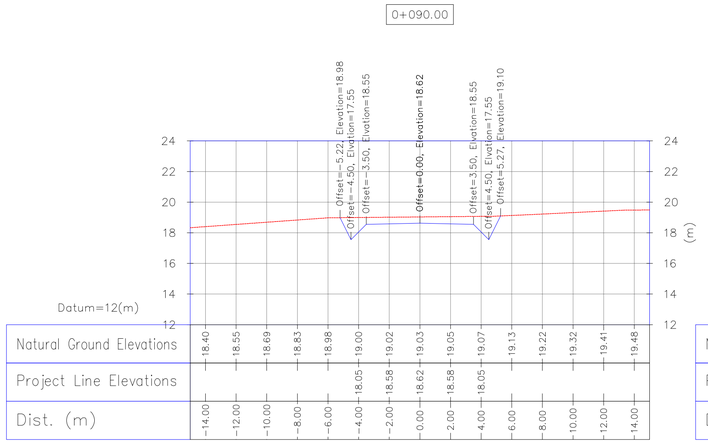
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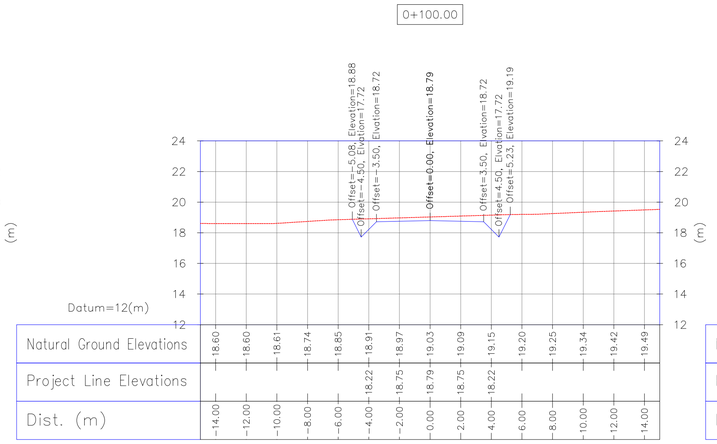
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS–W046S
ACCESS ROAD TRANSVERSAL SECTIONS KM 0 ~80(m)

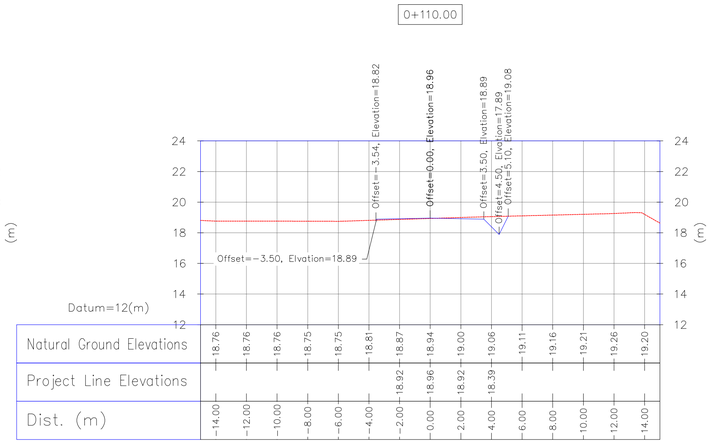
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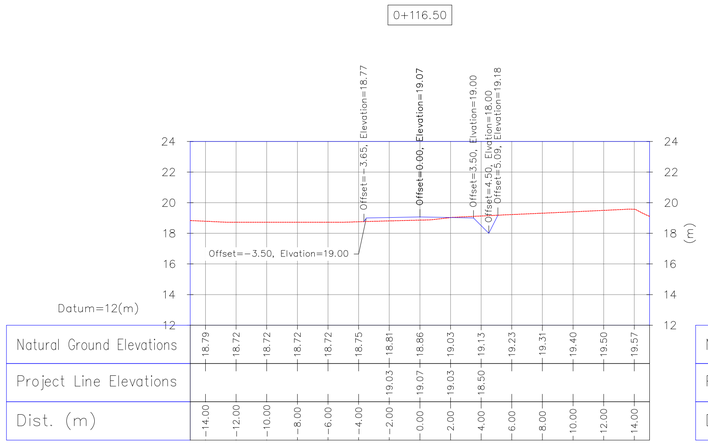
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AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	24 of 47	D01

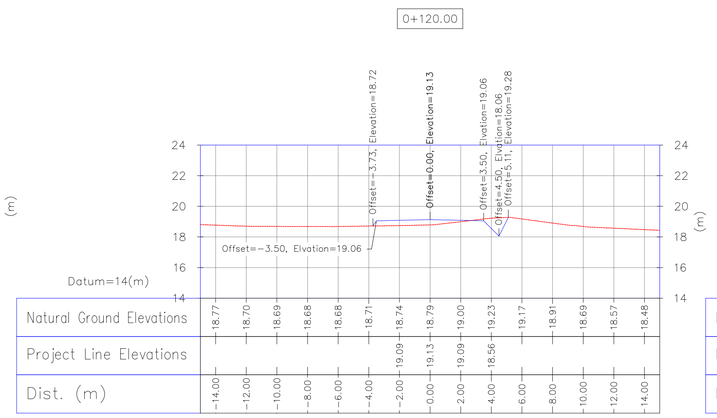
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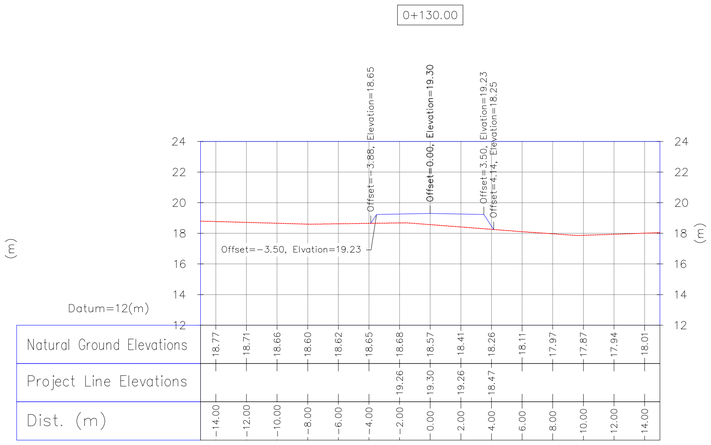


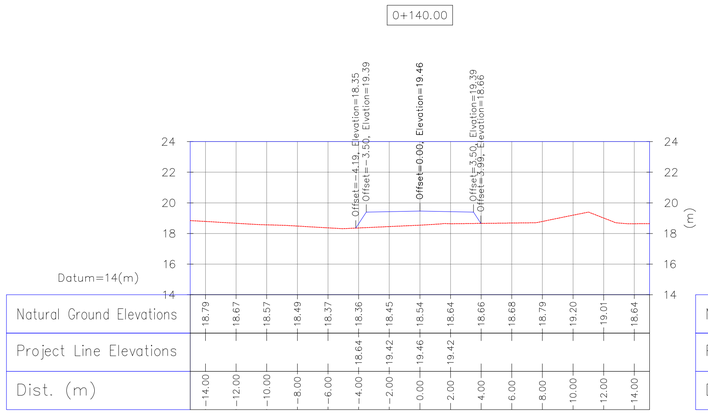


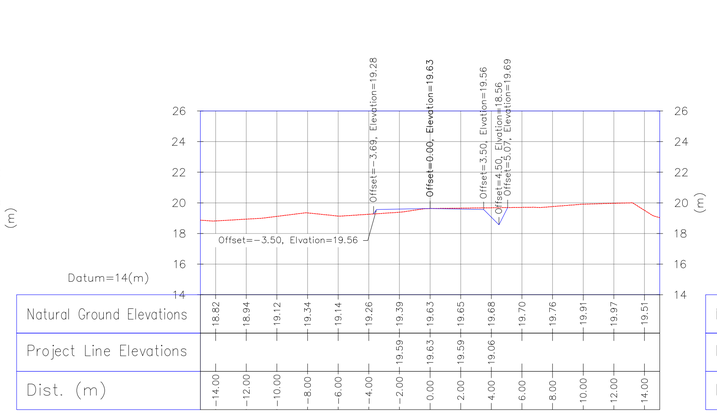


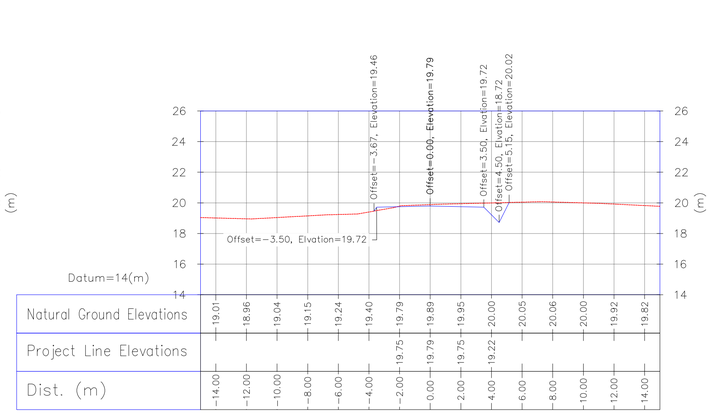












1:200 Wellpad Access Road Transversal Sections

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LEGEND

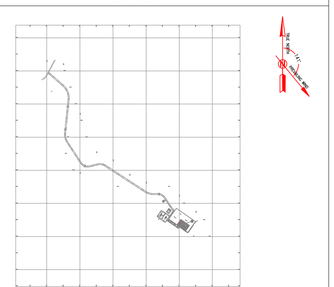
WELL LOCATION
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GRAVEL ROAD
PROPOSED ROAD
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REV.	DESCRIPTION	CHECKED BY	CHECKED DATE	APPR. BY	APPR. DATE
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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES
PROJECT NO.: 971020
EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY (PEDCO)

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

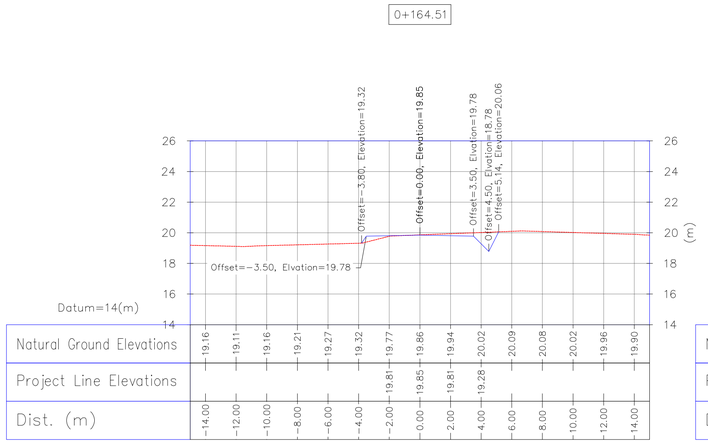
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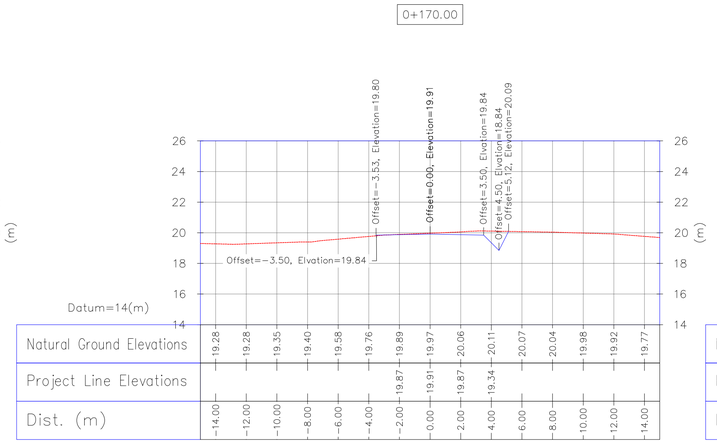
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
ACCESS ROAD TRANSVERSAL SECTIONS KM 90 ~160(m)

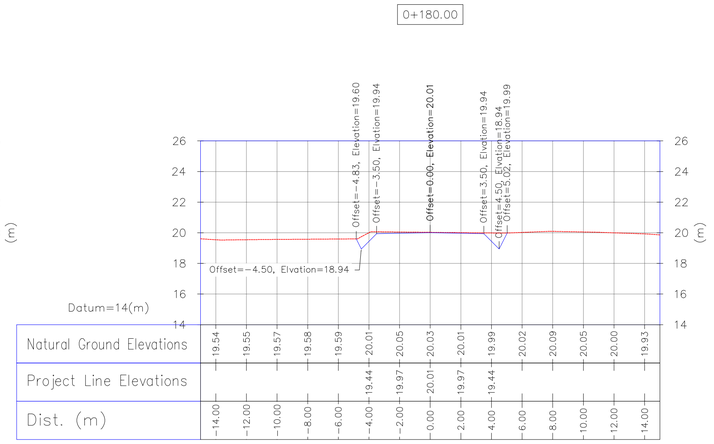
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APPROVED FOR CONSTRUCTION BY: DATE:

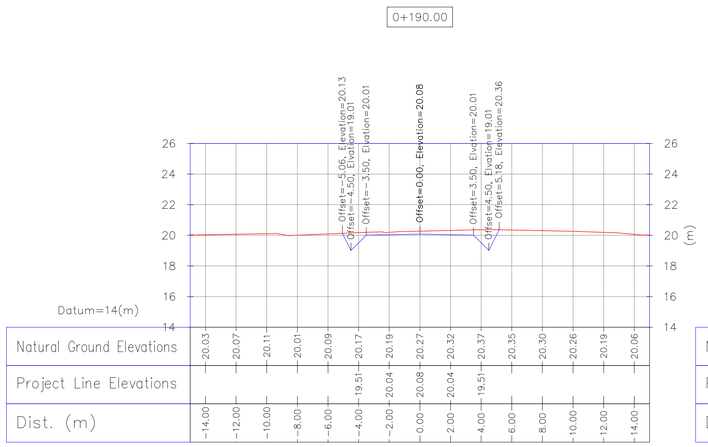
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AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	25 of 47	D01

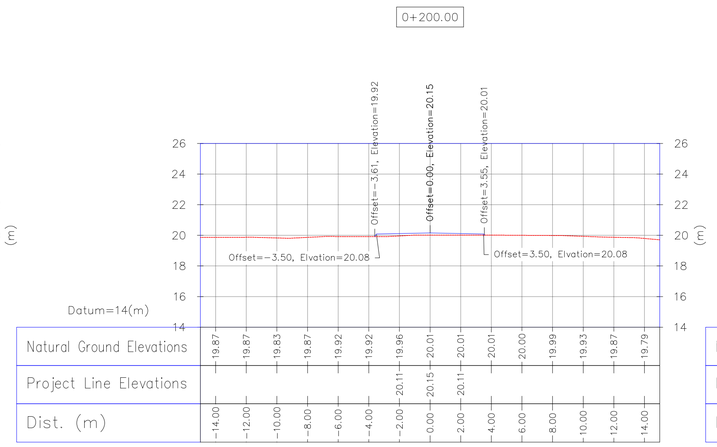
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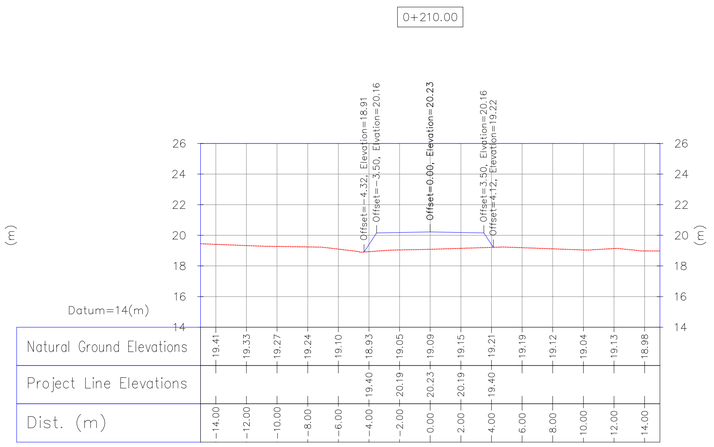


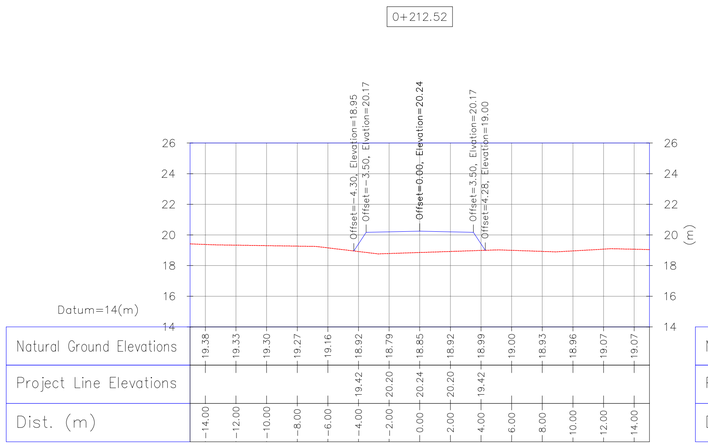


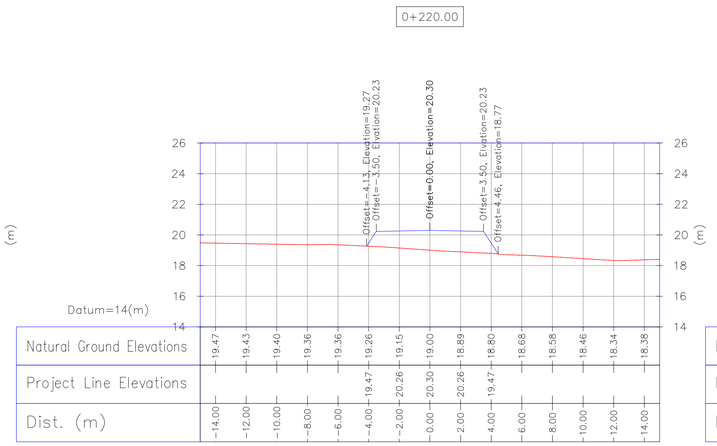


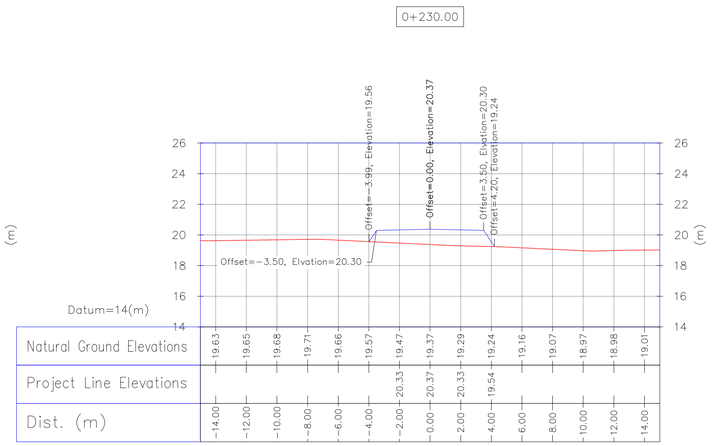












Wellpad Access Road Transversal Sections
1:200

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

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

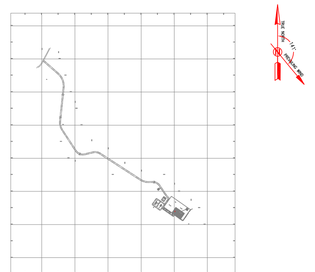
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

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.
***	**********	** **	*** ****	** **	*** ****	
REV.	DESCRIPTION	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE	
D01	JUL.2022	IFA	R. BERLOUEI	M.PAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.PAKHARIAN	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)
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 47	D01

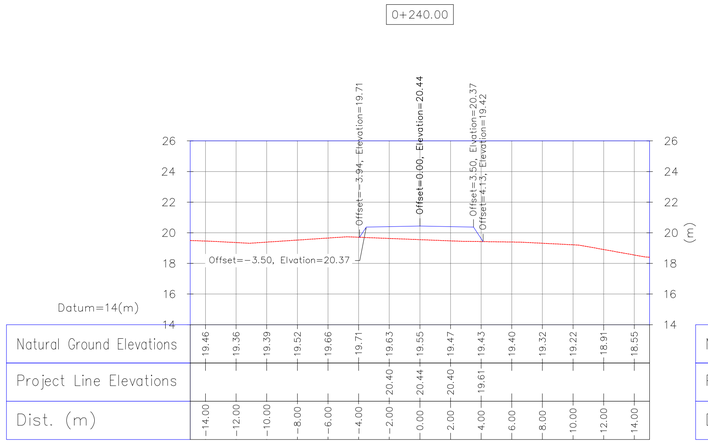
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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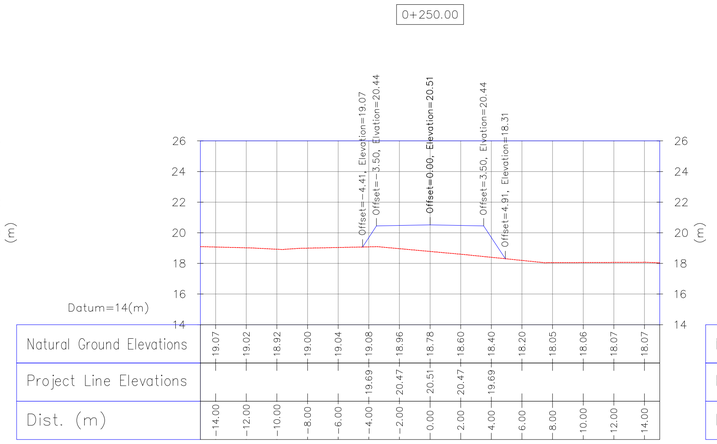
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

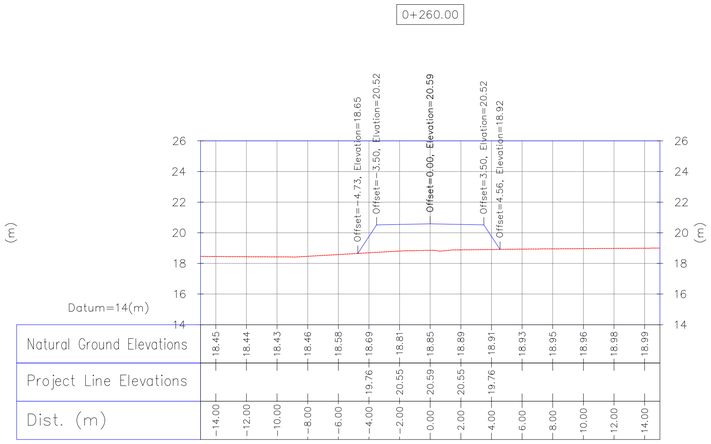
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

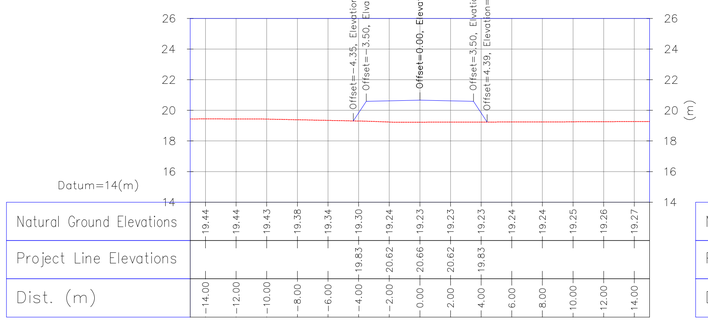
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APPROVED FOR CONSTRUCTION BY: DATE:

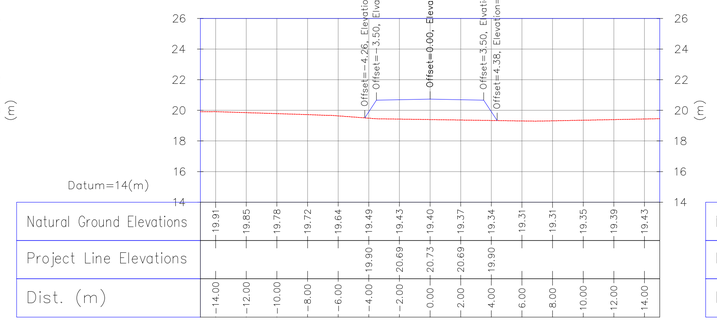
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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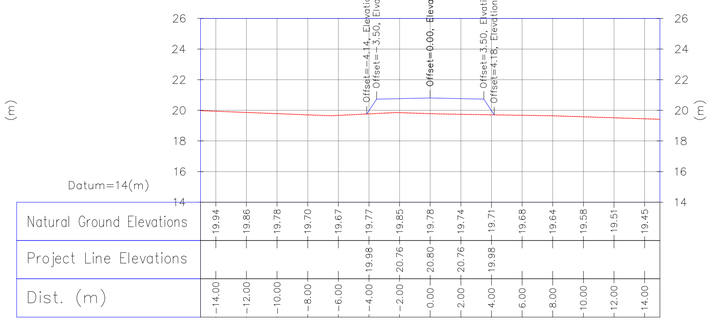


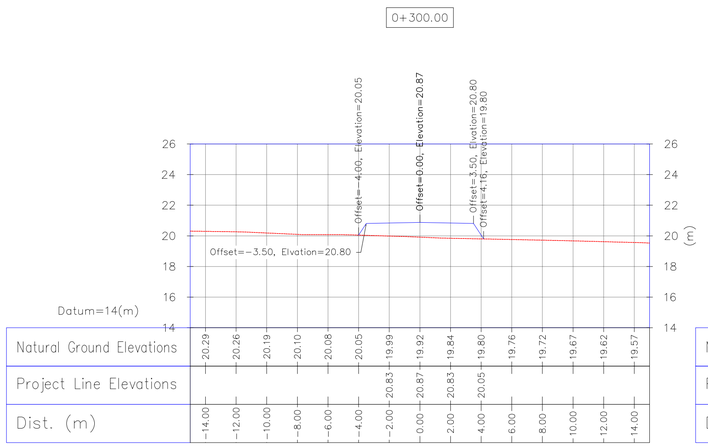


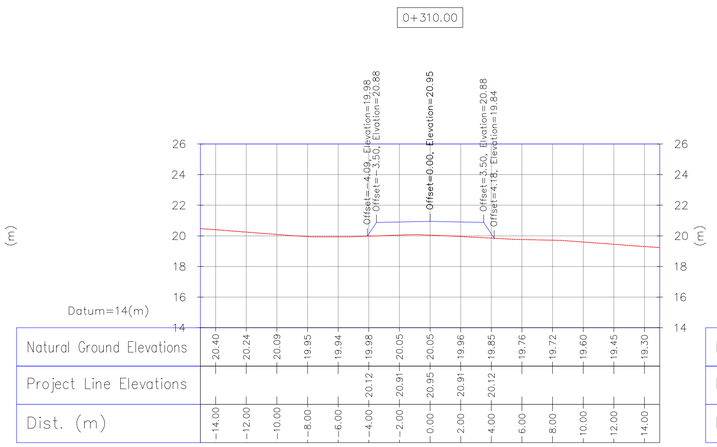


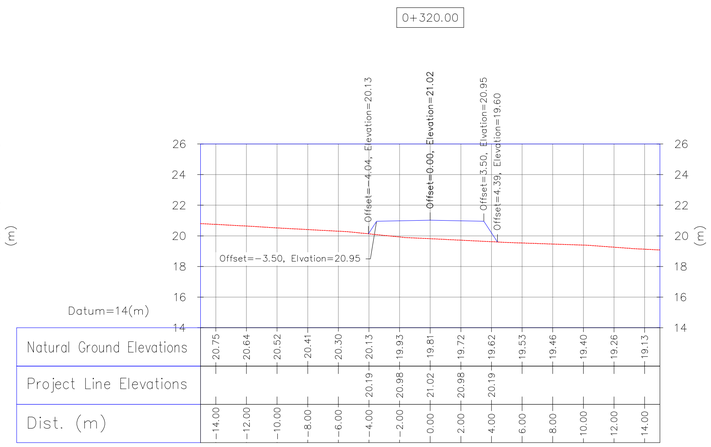












Wellpad Access Road Transversal Sections

1:200

Bench Mark List

Name	Easting(m)	Northing(m)	Elevation(m)
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LEGEND

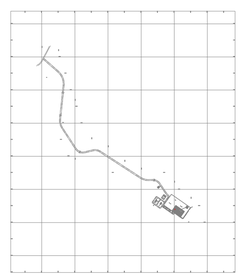
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
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REFERENCE DRAWING	DRG. No.
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KEY PLAN



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

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

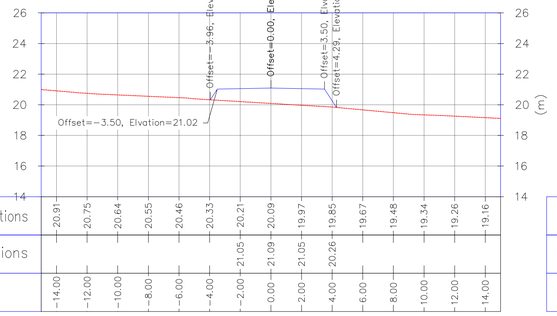
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DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

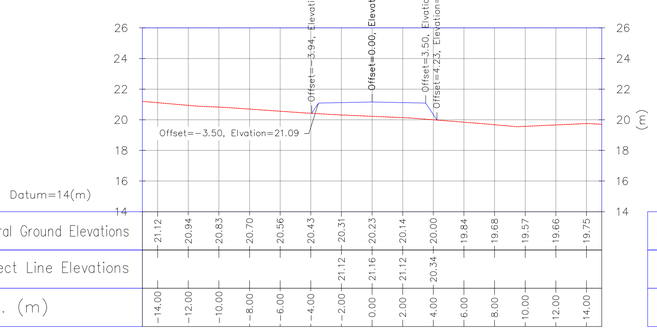
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0+330.00



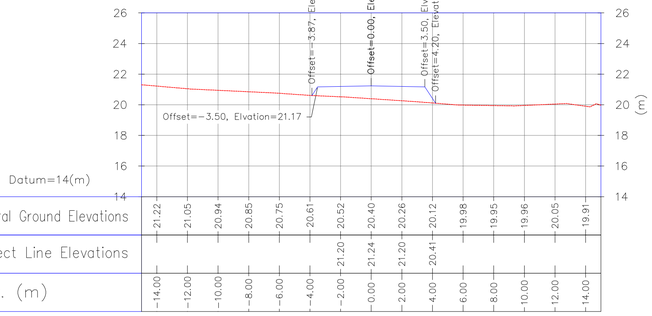
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Project Line Elevations							21.05	21.09	21.05	20.26					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+340.00



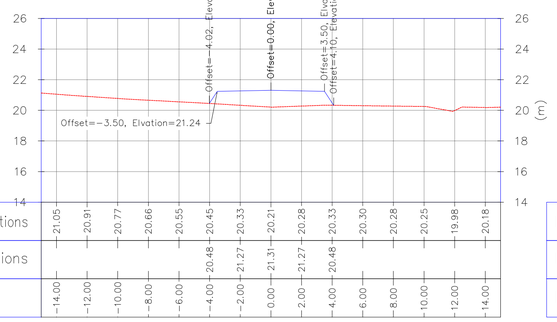
Natural Ground Elevations	21.12	20.94	20.83	20.70	20.56	20.43	20.31	20.23	20.14	20.00	19.84	19.68	19.57	19.66	19.75
Project Line Elevations							21.12	21.16	21.12	20.34					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+350.00



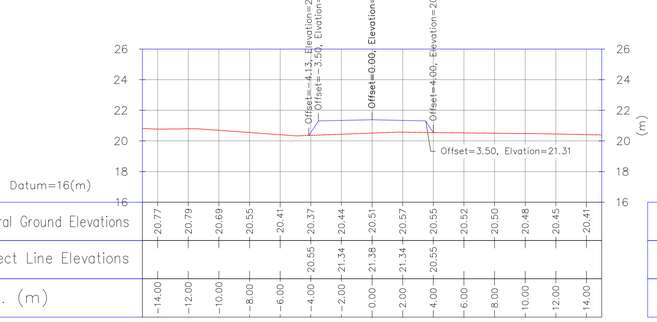
Natural Ground Elevations	21.22	21.05	20.94	20.85	20.75	20.61	20.52	20.40	20.26	20.12	19.98	19.95	19.96	20.05	19.91
Project Line Elevations							21.20	21.24	21.20	20.41					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+360.00



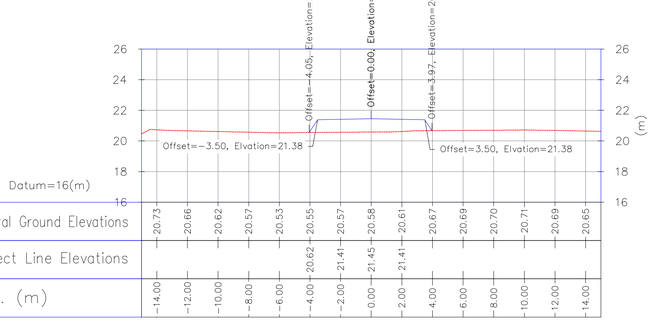
Natural Ground Elevations	21.05	20.91	20.77	20.66	20.55	20.45	20.33	20.21	20.28	20.33	20.30	20.28	20.25	19.98	20.18
Project Line Elevations						20.48	21.27	21.31	21.27	20.48					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+370.00



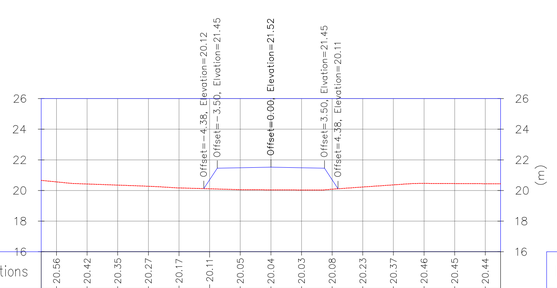
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Project Line Elevations						20.55	21.34	21.38	21.34	20.55					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+380.00



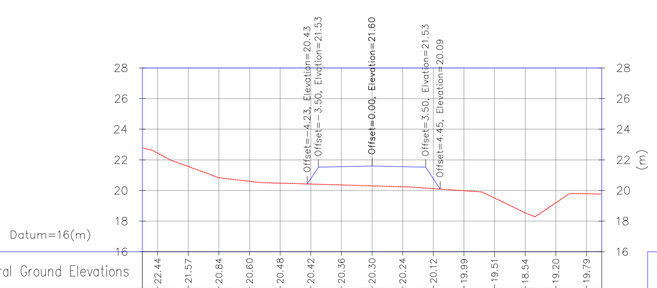
Natural Ground Elevations	20.73	20.66	20.62	20.57	20.53	20.55	20.57	20.58	20.61	20.67	20.69	20.70	20.71	20.69	20.65
Project Line Elevations						20.62	21.41	21.45	21.41						
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+390.00



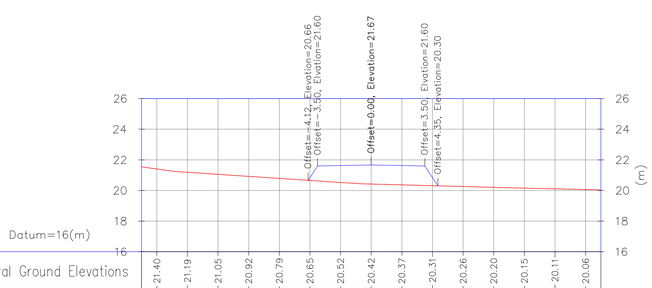
Natural Ground Elevations	20.56	20.42	20.35	20.27	20.17	20.11	20.05	20.04	20.03	20.08	20.23	20.37	20.46	20.45	20.44
Project Line Elevations						20.70	21.48	21.52	21.48	20.70					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

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

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

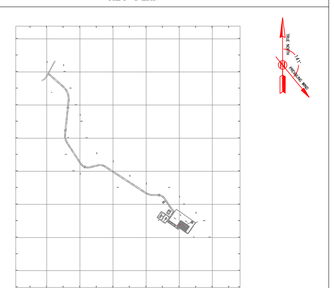
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

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



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.
D01	JUL.2022	IFA	R. BERLOUEI	M.PAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.PAKHARIAN	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

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

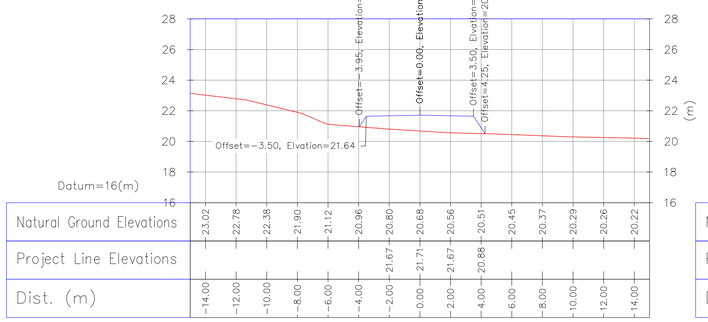
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	28 of 47	D01

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

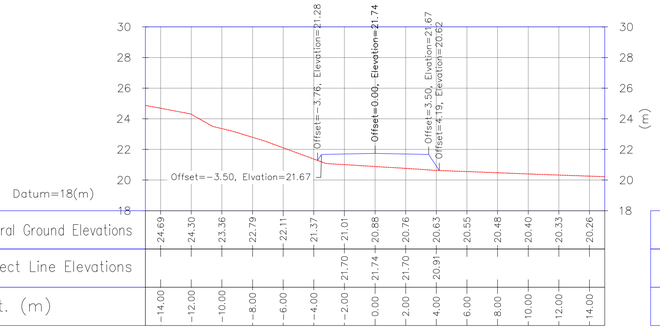
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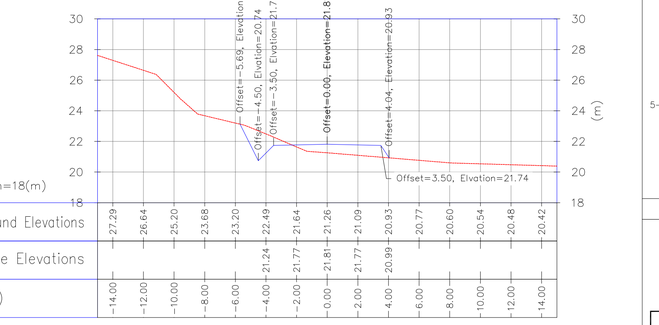
Natural Ground Elevations	23.02	22.78	22.38	21.90	21.12	20.96	20.80	20.68	20.56	20.51	20.45	20.37	20.29	20.26	20.22													
Project Line Elevations							21.67	21.71	21.67	20.88																		
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00													

0+420.00



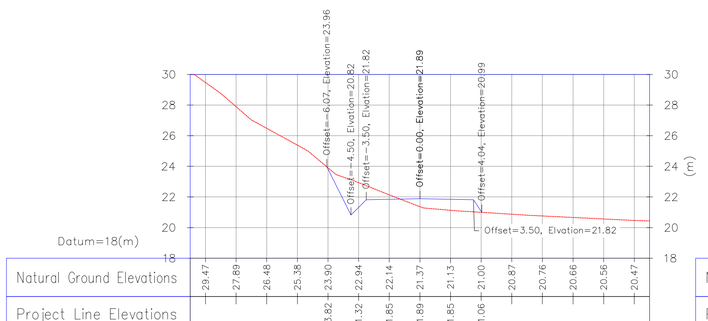
Natural Ground Elevations	24.69	24.30	23.36	22.79	22.11	21.37	21.01	20.88	20.76	20.63	20.55	20.48	20.40	20.33	20.26													
Project Line Elevations							21.70	21.74	21.70	20.91																		
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00													

0+430.00



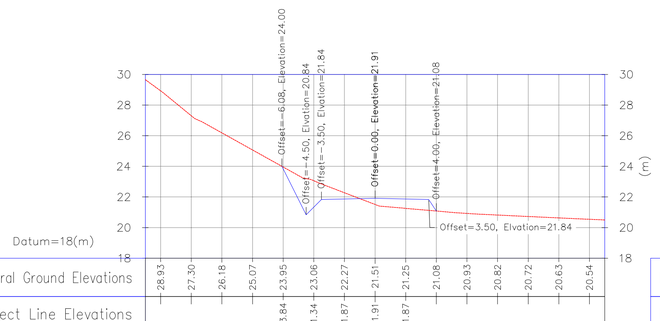
Natural Ground Elevations	27.29	26.64	25.20	23.68	23.20	22.49	21.24	21.77	21.64	21.26	21.81	21.09	20.93	20.77	20.60	20.54	20.48	20.42										
Project Line Elevations											21.77																	
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00													

0+440.00



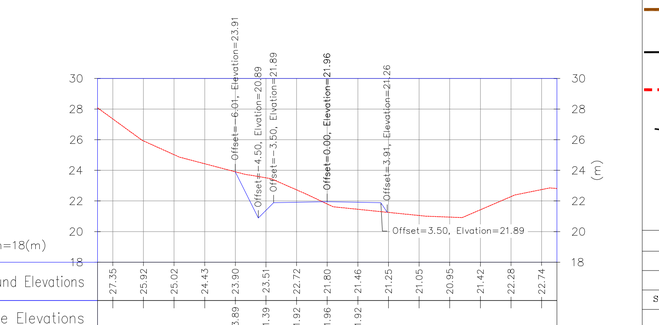
Natural Ground Elevations	29.47	27.89	26.48	25.38	23.90	22.94	22.14	21.37	21.13	21.00	20.87	20.76	20.66	20.56	20.47													
Project Line Elevations					23.82	21.32	21.85	21.89	21.85	21.06																		
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00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

0+443.23



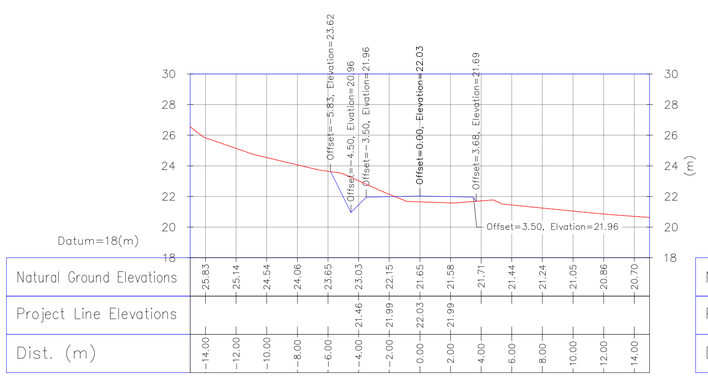
Natural Ground Elevations	28.93	27.30	26.18	25.07	23.95	23.06	22.27	21.51	21.25	21.08	20.93	20.82	20.72	20.63	20.54													
Project Line Elevations					23.84	21.34	21.87	21.91	21.87	21.00																		
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00													

0+450.00



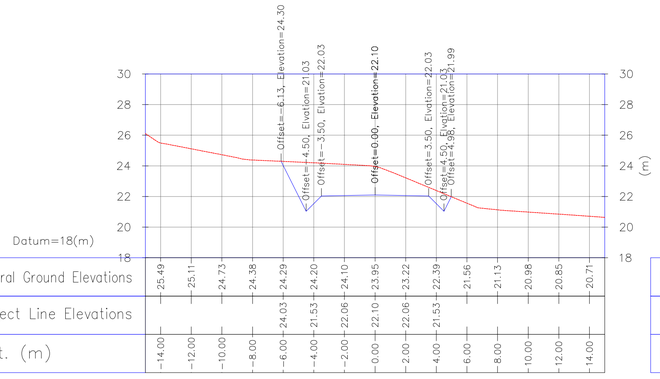
Natural Ground Elevations	27.35	25.92	25.02	24.43	23.90	23.51	22.72	21.80	21.46	21.25	21.05	20.95	21.42	22.28	22.74													
Project Line Elevations					23.89	21.39	21.92	21.96	21.92																			
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00													

0+460.00



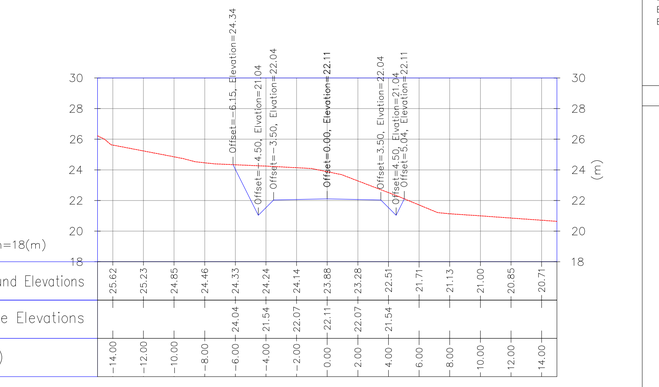
Natural Ground Elevations	25.83	25.14	24.54	24.06	23.65	23.03	22.15	21.65	21.58	21.71	21.44	21.24	21.05	20.86	20.70													
Project Line Elevations						21.46	21.99	22.03	21.99																			
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00													

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

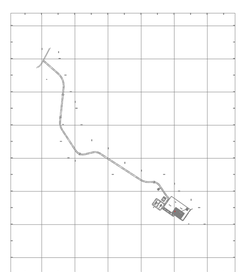
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

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.
D01	JUL.2022	IFA	R. BERLOUEI	M.PAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.PAKHARIAN	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

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

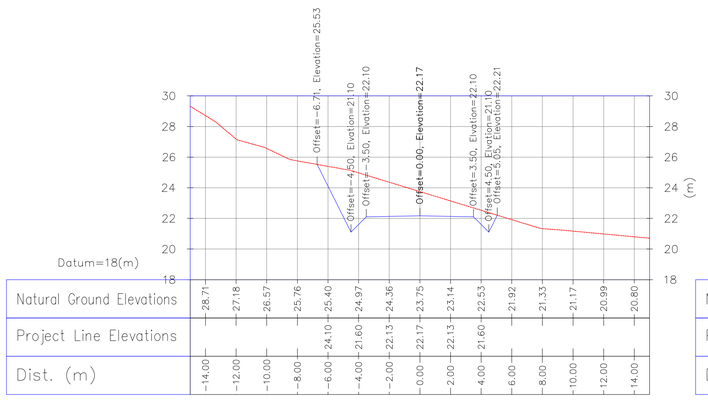
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	29 of 47	D01

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

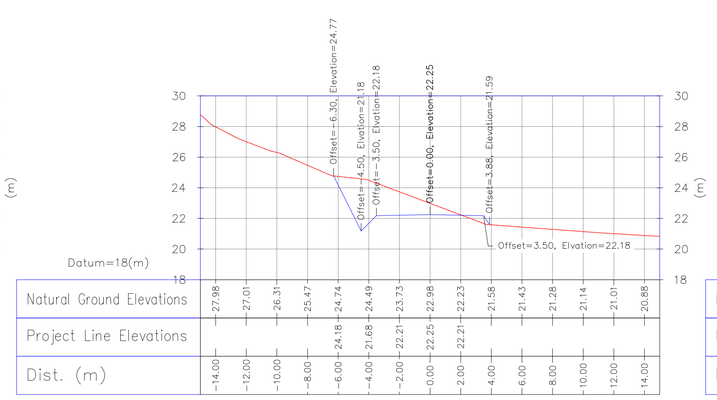
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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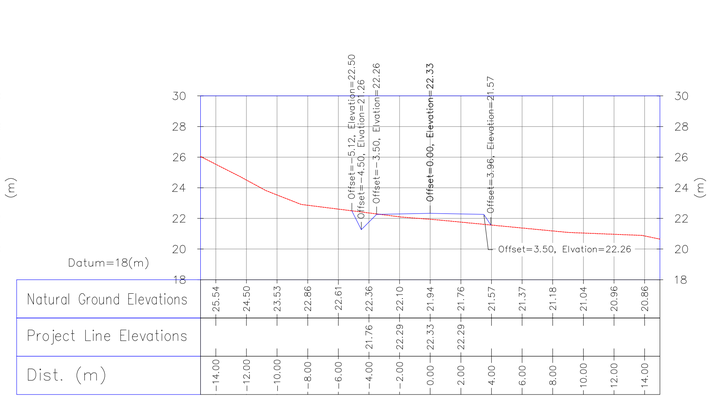
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Natural Ground Elevations	28.71	27.18	26.57	25.76	25.40	24.97	24.36	23.75	23.14	22.53	21.92	21.33	21.17	20.99	20.80
Project Line Elevations					24.10	21.60	22.13	22.17	22.13	21.60					

0+490.00



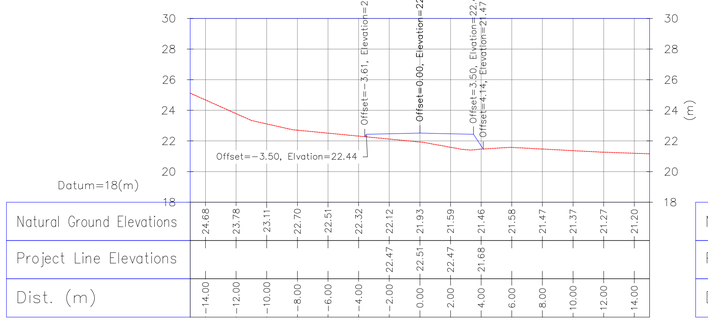
Dist. (m)	−14.00	−12.00	−10.00	−8.00	−6.00	−4.00	−2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00
Natural Ground Elevations	27.98	27.01	26.31	25.47	24.74	24.49	23.73	22.98	22.23	21.58	21.43	21.28	21.14	21.01	20.88
Project Line Elevations					24.18	21.68	22.21	22.25	22.21						

0+500.00



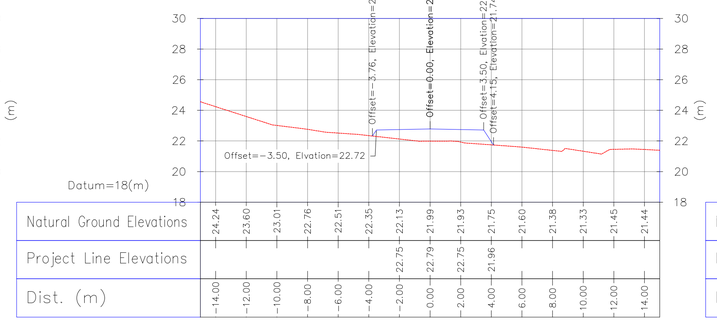
Dist. (m)	−14.00	−12.00	−10.00	−8.00	−6.00	−4.00	−2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00
Natural Ground Elevations	25.54	24.50	23.53	22.86	22.61	22.36	22.10	21.94	21.76	21.57	21.37	21.18	21.04	20.96	20.86
Project Line Elevations						21.76	22.29	22.33	22.29						

0+510.00



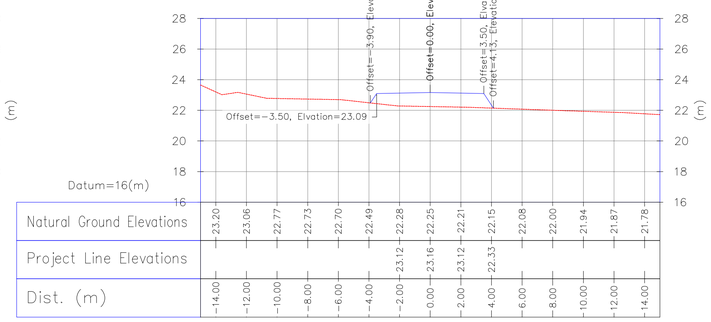
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Natural Ground Elevations	24.68	23.78	23.11	22.70	22.51	22.32	22.12	21.93	21.59	21.46	21.58	21.47	21.37	21.27	21.20
Project Line Elevations							22.47	22.51	22.47	21.68					

0+520.00



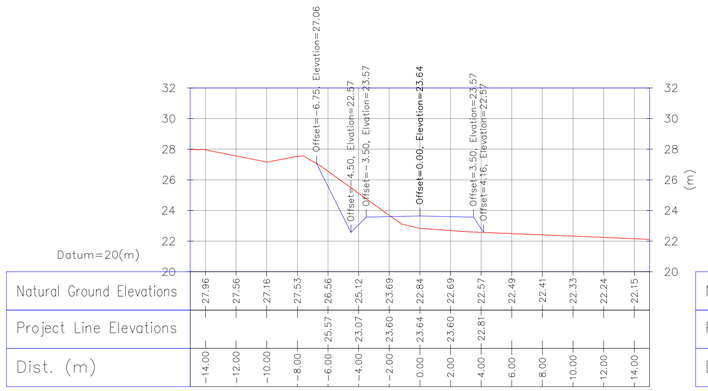
Dist. (m)	−14.00	−12.00	−10.00	−8.00	−6.00	−4.00	−2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00
Natural Ground Elevations	24.24	23.60	23.01	22.76	22.51	22.35	22.13	21.99	21.93	21.75	21.60	21.38	21.33	21.45	21.44
Project Line Elevations							22.75	22.79	22.75	21.96					

0+530.00



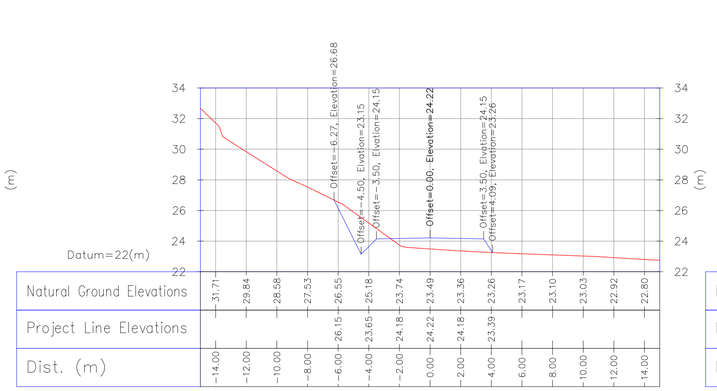
Dist. (m)	−14.00	−12.00	−10.00	−8.00	−6.00	−4.00	−2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00
Natural Ground Elevations	23.20	23.06	22.77	22.73	22.70	22.49	23.12	22.28	22.25	22.21	22.15	22.08	22.00	21.94	21.87	21.78
Project Line Elevations							23.16	23.12	22.33							

0+540.00



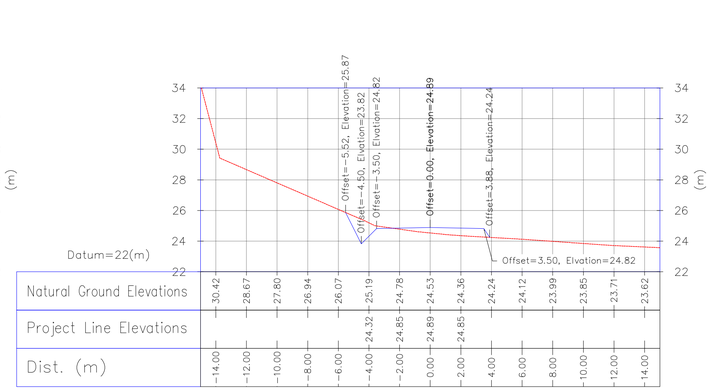
Dist. (m)	−14.00	−12.00	−10.00	−8.00	−6.00	−4.00	−2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00
Natural Ground Elevations	27.96	27.56	27.16	27.53	26.56	25.12	23.69	22.84	22.69	22.57	22.49	22.41	22.33	22.24	22.15
Project Line Elevations					25.57	23.07	23.60	23.64	23.60	22.81					

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
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
Project Line Elevations					26.15	23.65	24.18	24.22	24.18	23.39					

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
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
Project Line Elevations						24.32	24.85	24.89	24.85						

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

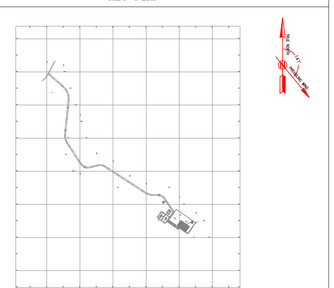
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

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.	
D01	JUL.2022	IFA	R. BERLOUEI	M.PAKHARIAN	SH.GHALIKAR
D00	MAY.2022	IFC	R. BERLOUEI	M.PAKHARIAN	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

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

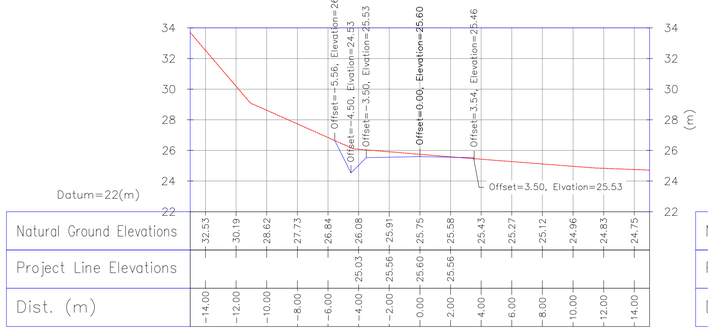
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
ACCESS ROAD TRANSVERSAL SECTIONS KM 480 ~560(m)

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 47	D01

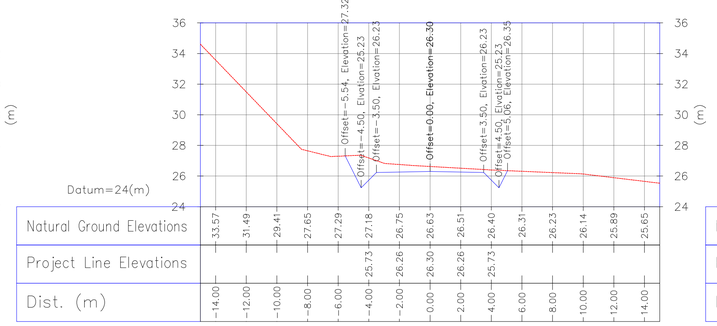
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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0+570.00



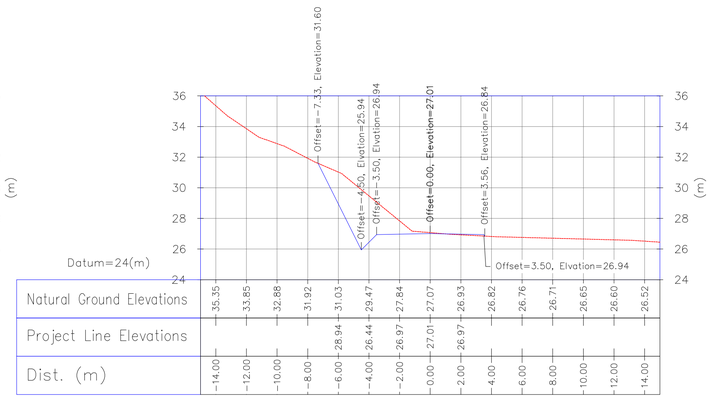
Natural Ground Elevations	32.53	30.19	28.62	27.73	26.84	26.08	25.91	25.75	25.58	25.43	25.27	25.12	24.96	24.83	24.75
Project Line Elevations						25.03	25.56	25.60	25.56						
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+580.00



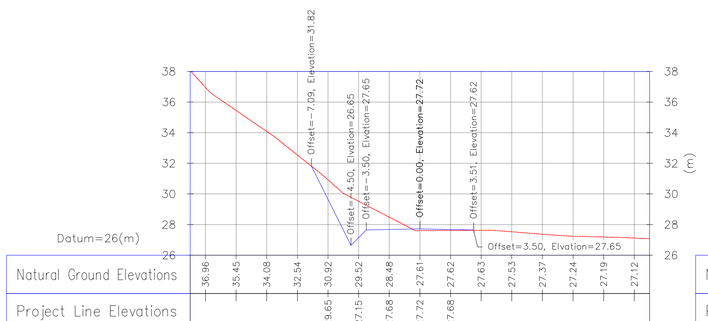
Natural Ground Elevations	33.57	31.49	29.41	27.65	27.29	27.18	26.75	26.63	26.51	26.40	26.31	26.23	26.14	25.89	25.65
Project Line Elevations						25.73	26.26	26.30	26.26	25.73					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+590.00



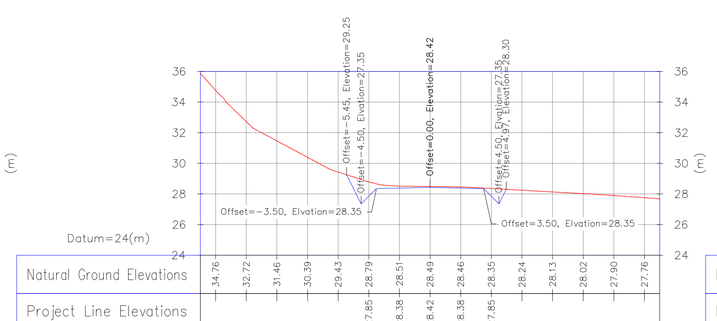
Natural Ground Elevations	35.35	33.85	32.88	31.92	31.03	29.47	27.84	27.07	27.01	26.93	26.82	26.76	26.71	26.65	26.60	26.52
Project Line Elevations						28.94	26.44	26.97	27.01	26.97						
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	

0+600.00



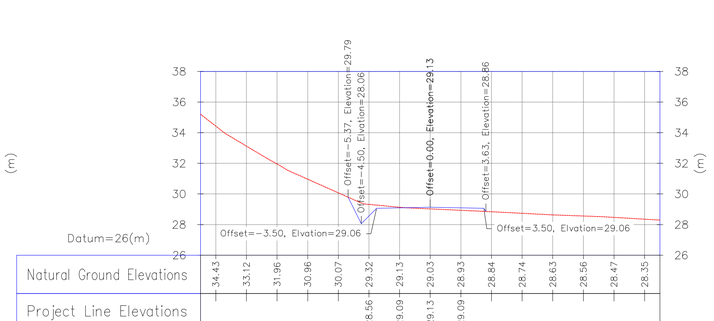
Natural Ground Elevations	36.96	35.45	34.08	32.54	30.92	29.52	28.48	27.61	27.62	27.63	27.53	27.37	27.24	27.19	27.12
Project Line Elevations					29.65	27.15	27.68	27.72	27.68						
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+610.00



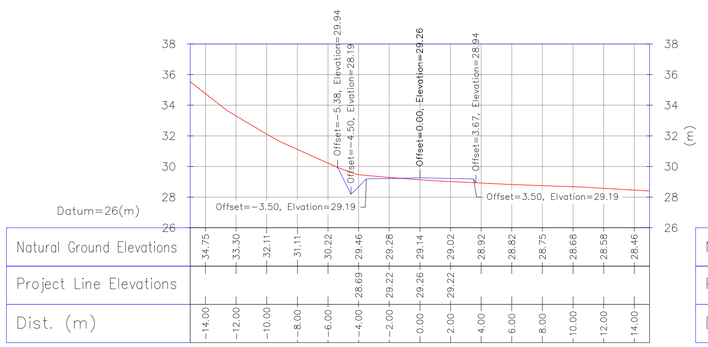
Natural Ground Elevations	34.76	32.72	31.46	30.39	29.43	28.79	28.51	28.49	28.46	28.35	28.24	28.13	28.02	27.90	27.76
Project Line Elevations						27.85	28.38	28.42	28.38	27.85					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+620.00



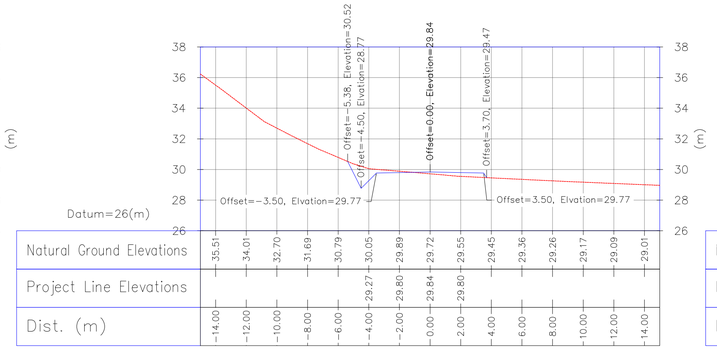
Natural Ground Elevations	34.43	33.12	31.96	30.96	30.07	29.32	29.13	29.03	28.93	28.84	28.74	28.63	28.56	28.47	28.35
Project Line Elevations						28.56	29.09	29.13	29.09						
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+621.83



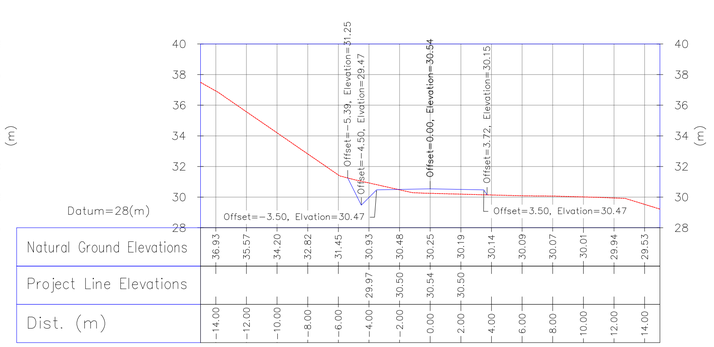
Natural Ground Elevations	34.75	33.30	32.11	31.11	30.22	29.46	29.28	29.14	29.02	28.92	28.82	28.75	28.68	28.58	28.46
Project Line Elevations						28.69	29.22	29.26	29.22						
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

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

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

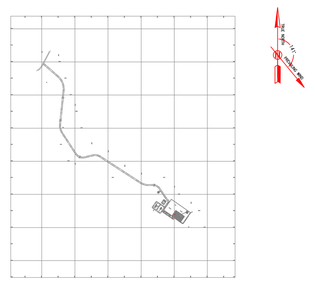
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60, 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

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.
D01	JUL.2022	IFA	R. BERLOUEI	M.PAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.PAKHARIAN	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.
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.

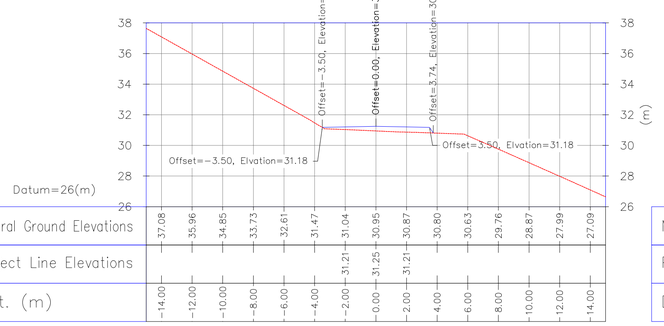
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
ACCESS ROAD TRANSVERSAL SECTIONS KM 570 ~640(m)

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 47	D01

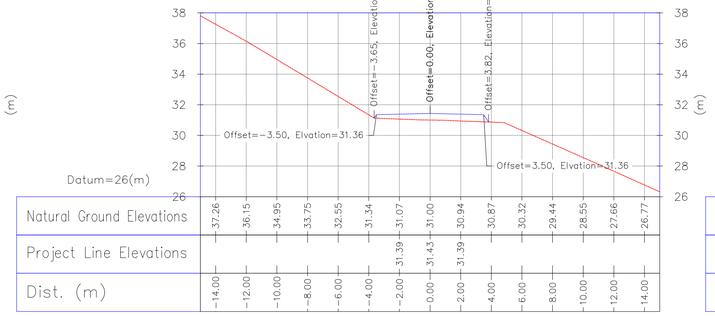
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	31	D01

0+650.00



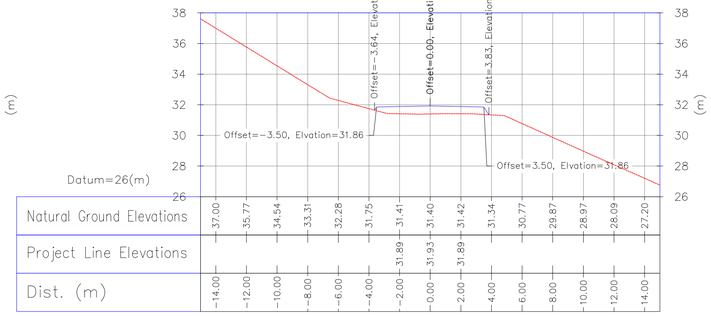
Natural Ground Elevations	37.08	35.96	34.85	33.73	32.61	31.47	31.04	30.95	30.87	30.80	30.63	29.76	28.87	27.99	27.09
Project Line Elevations							31.21	31.25	31.21						
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+652.61



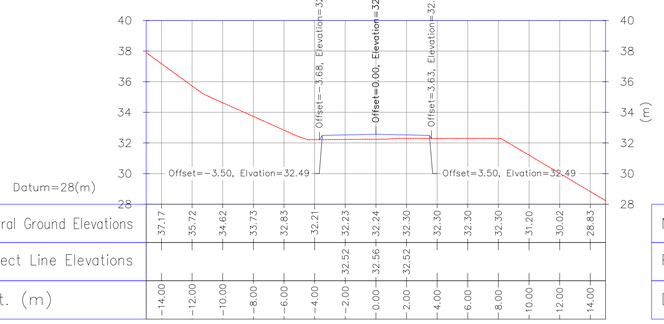
Natural Ground Elevations	37.26	36.15	34.95	33.75	32.55	31.34	31.07	31.00	30.94	30.87	30.32	29.44	28.55	27.66	26.77
Project Line Elevations							31.39	31.43	31.39						
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+660.00



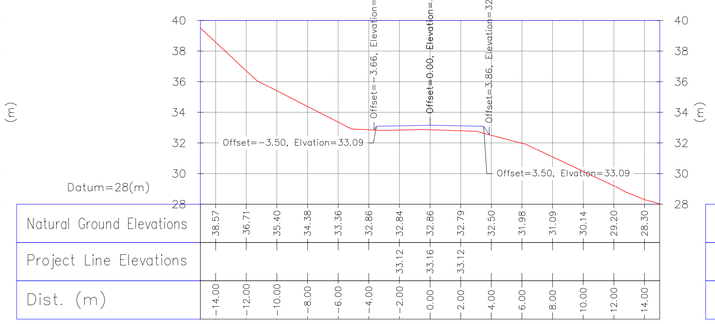
Natural Ground Elevations	37.00	35.77	34.54	33.31	32.28	31.75	31.41	31.40	31.42	31.34	30.77	29.87	28.97	28.09	27.20
Project Line Elevations							31.89	31.93	31.89						
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+670.00



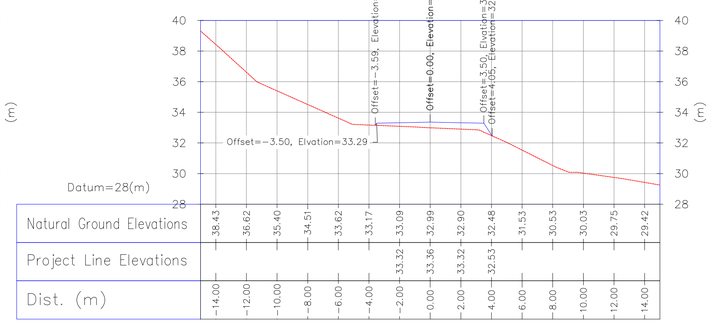
Natural Ground Elevations	37.17	35.72	34.62	33.73	32.83	32.21	32.23	32.24	32.30	32.30	32.30	32.30	31.20	30.02	28.83
Project Line Elevations							32.52	32.56	32.52						
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+680.00



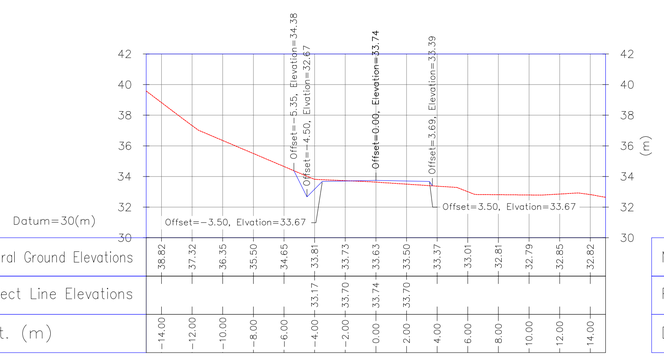
Natural Ground Elevations	38.57	36.71	35.40	34.38	33.36	32.86	32.84	32.86	32.79	32.50	31.98	31.09	30.14	29.20	28.30
Project Line Elevations							33.12	33.16	33.12						
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+683.40



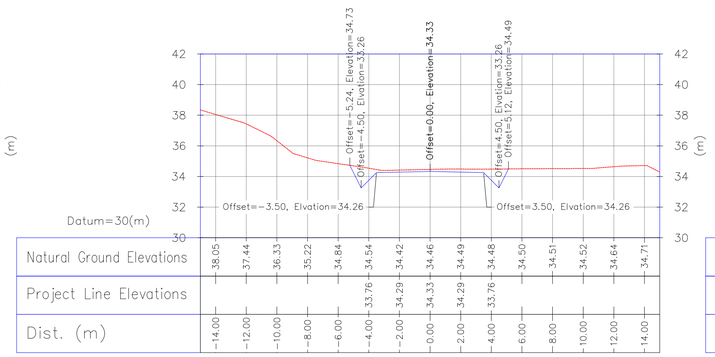
Natural Ground Elevations	38.43	36.62	35.40	34.51	33.62	33.17	33.09	32.99	32.90	32.48	31.53	30.53	30.03	29.75	29.42
Project Line Elevations							33.32	33.36	33.32	32.53					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+690.00



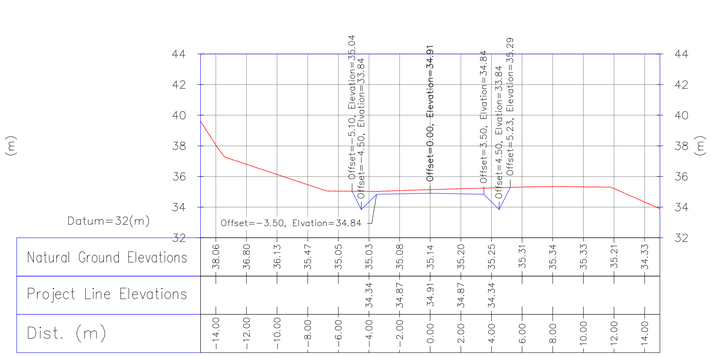
Natural Ground Elevations	38.82	37.32	36.35	35.50	34.65	33.81	33.73	33.63	33.50	33.37	33.01	32.81	32.79	32.85	32.82
Project Line Elevations						33.17	33.70	33.74	33.70						
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

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

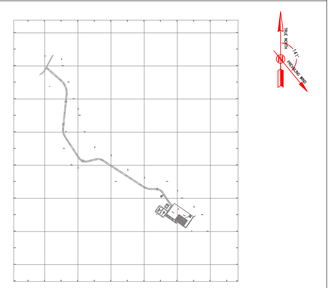
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

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.
D01	JUL.2022	IFA	R. BERLOUEI	M.PAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.PAKHARIAN	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.
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

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

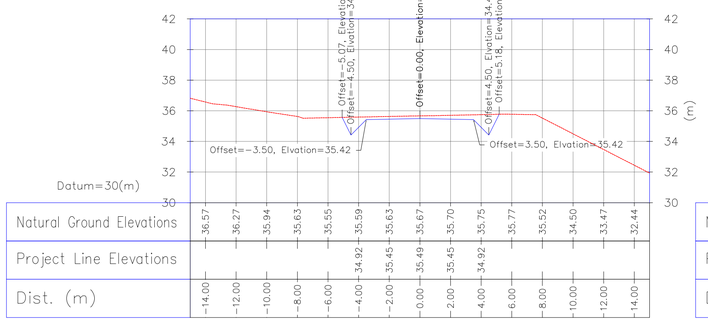
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	32 of 47	D01

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

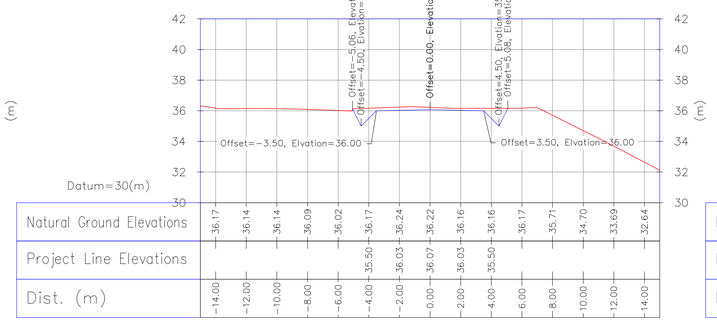
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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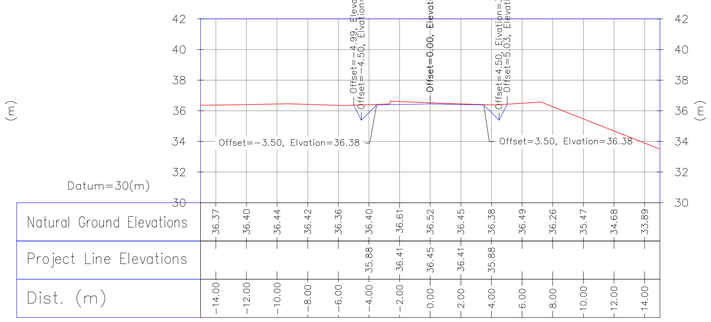
Natural Ground Elevations	36.57	36.27	35.94	35.63	35.55	35.59	35.63	35.67	35.70	35.75	35.77	35.52	34.50	33.47	32.44
Project Line Elevations						34.92	35.45	35.49	35.45	34.92					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+730.00



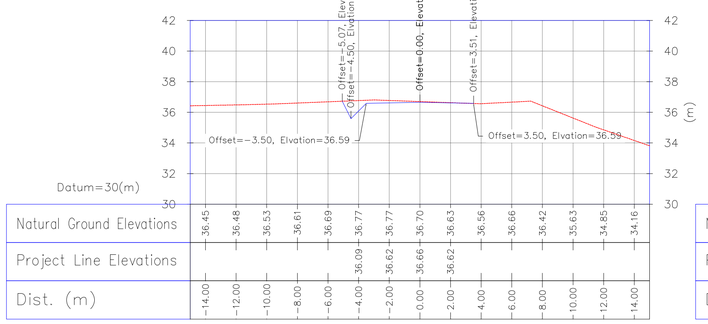
Natural Ground Elevations	36.17	36.14	36.14	36.09	36.02	36.17	36.24	36.22	36.16	36.16	36.17	35.71	34.70	33.69	32.64
Project Line Elevations						35.50	36.03	36.07	36.03	35.50					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+736.44



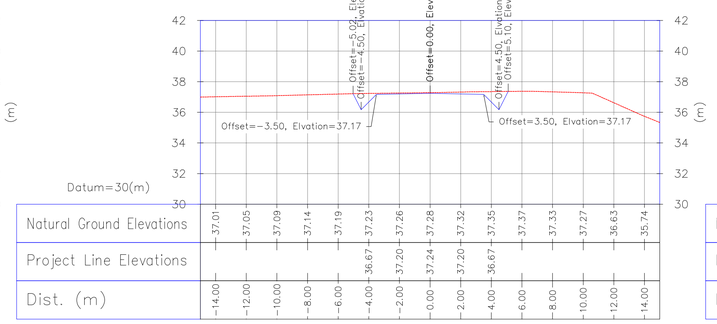
Natural Ground Elevations	36.37	36.40	36.44	36.42	36.36	36.40	36.61	36.52	36.45	36.38	36.49	36.26	35.47	34.68	33.89
Project Line Elevations						35.88	36.41	36.45	36.41	35.88					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+740.00



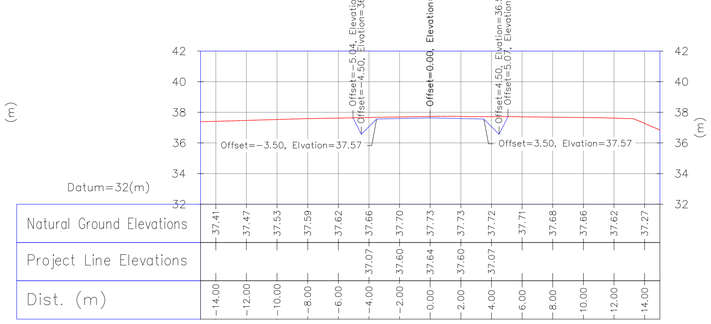
Natural Ground Elevations	36.45	36.48	36.53	36.61	36.69	36.77	36.77	36.70	36.63	36.56	36.66	36.42	35.63	34.85	34.16
Project Line Elevations						36.09	36.62	36.66	36.62						
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+750.00



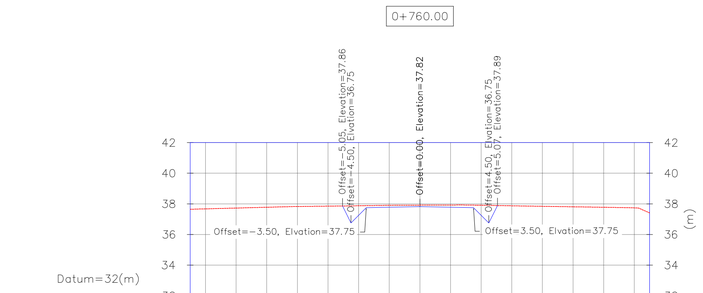
Natural Ground Elevations	37.01	37.05	37.09	37.14	37.19	37.23	37.26	37.28	37.32	37.35	37.37	37.33	37.27	36.63	35.74
Project Line Elevations						36.67	37.20	37.24	37.20	36.67					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+756.81



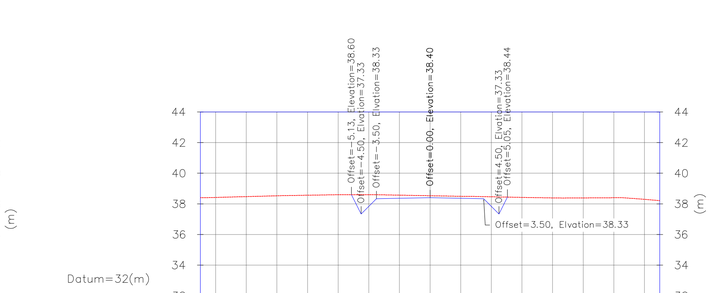
Natural Ground Elevations	37.41	37.47	37.53	37.59	37.62	37.66	37.70	37.73	37.73	37.72	37.71	37.68	37.66	37.62	37.27
Project Line Elevations						37.07	37.60	37.64	37.60	37.07					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

0+760.00



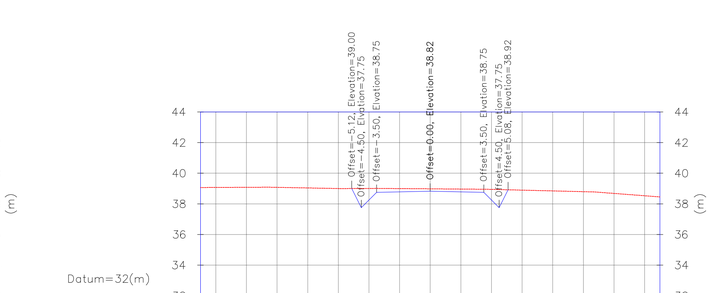
Natural Ground Elevations	37.67	37.73	37.78	37.83	37.85	37.88	37.90	37.92	37.92	37.91	37.87	37.84	37.81	37.78	37.74
Project Line Elevations						37.25	37.78	37.82	37.78	37.25					
Dist. (m)	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00

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

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

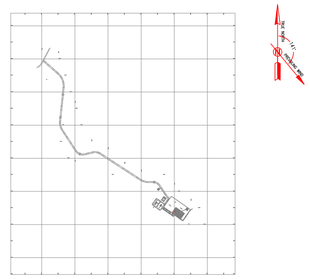
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

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.
D01	JUL.2022	IFA	R. BERLOUEI	M.PAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.PAKHARIAN	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 ACCESS ROAD TRANSVERSAL SECTIONS KM 720 ~777.18(m)

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	33 of 47	D01

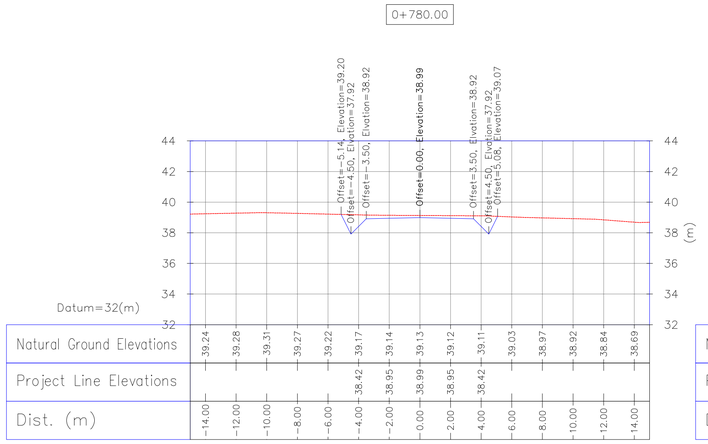
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

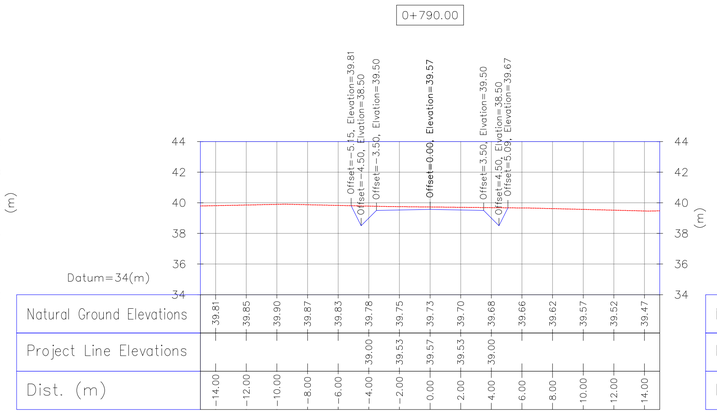
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SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

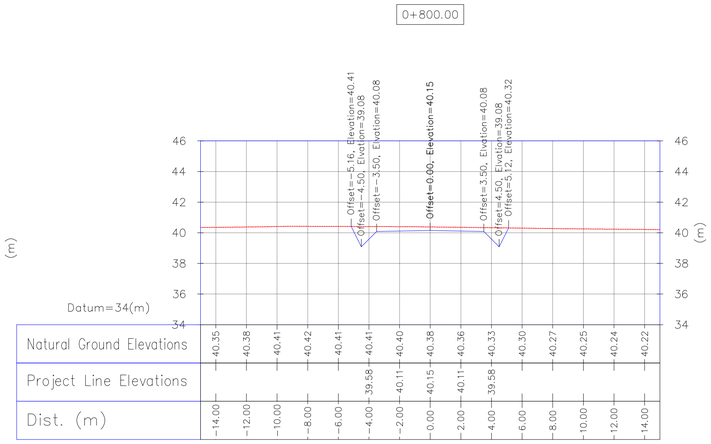
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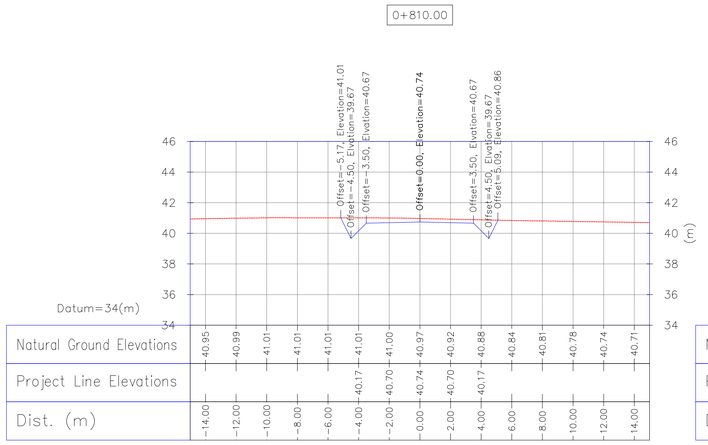
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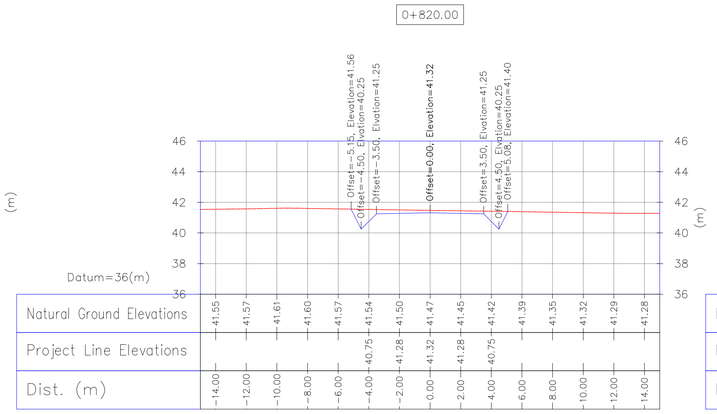
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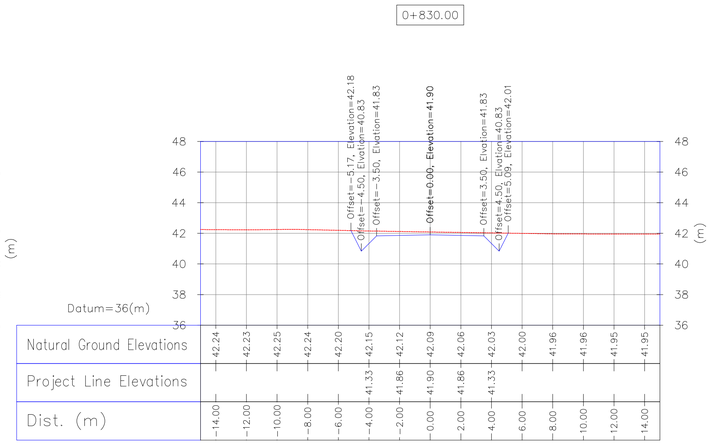


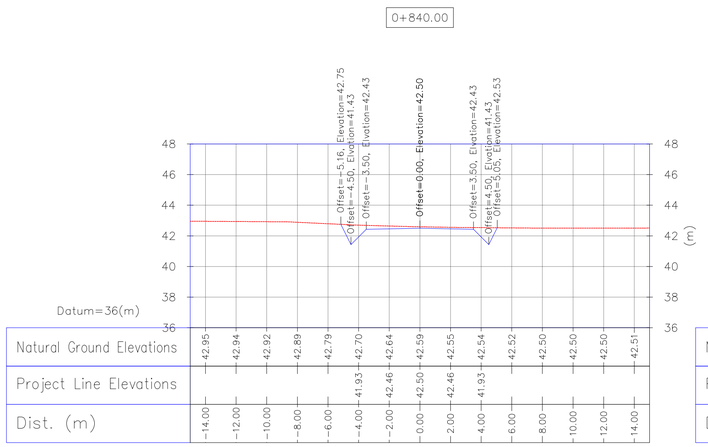


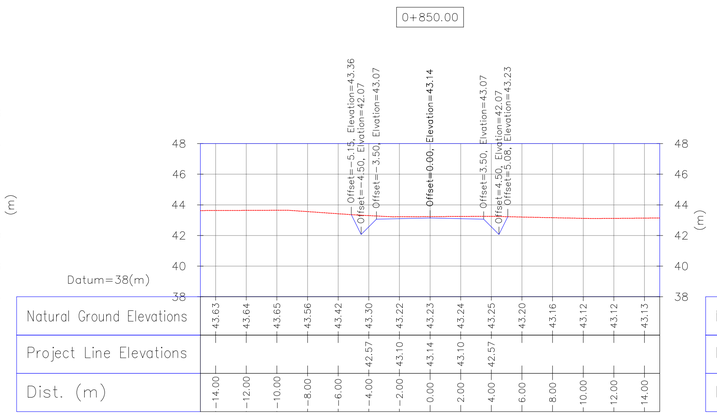


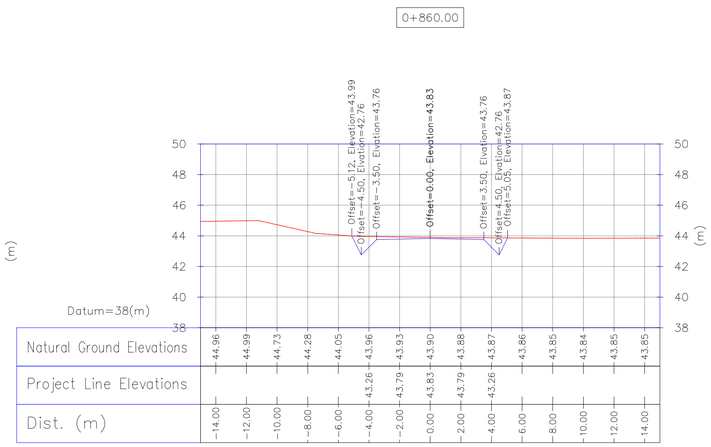












1:200 Wellpad Access Road Transversal Sections

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)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
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– "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
– PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
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LEGEND

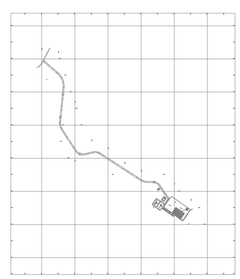
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

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



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

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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

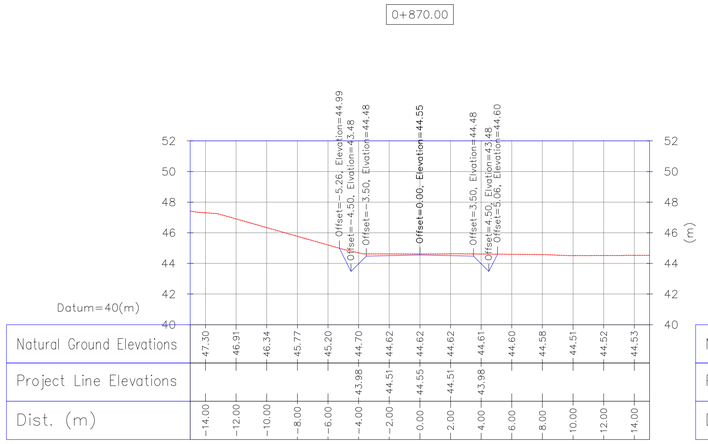
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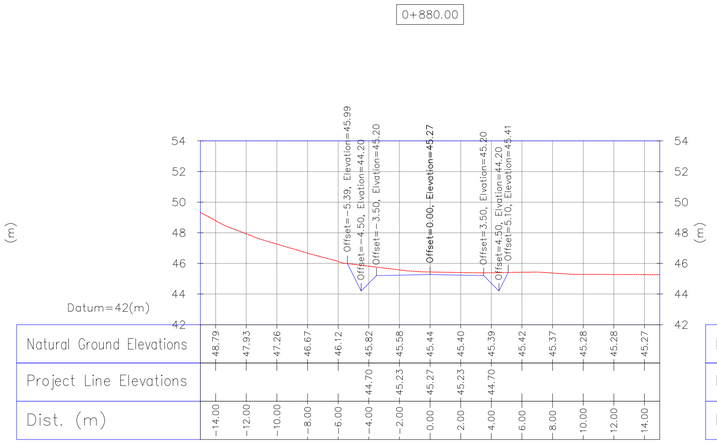
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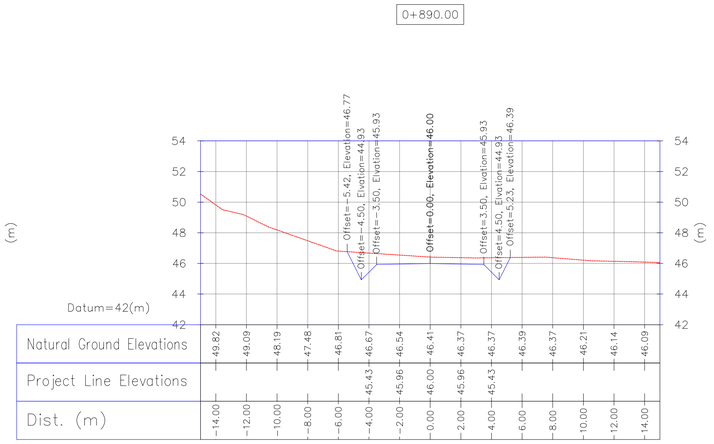
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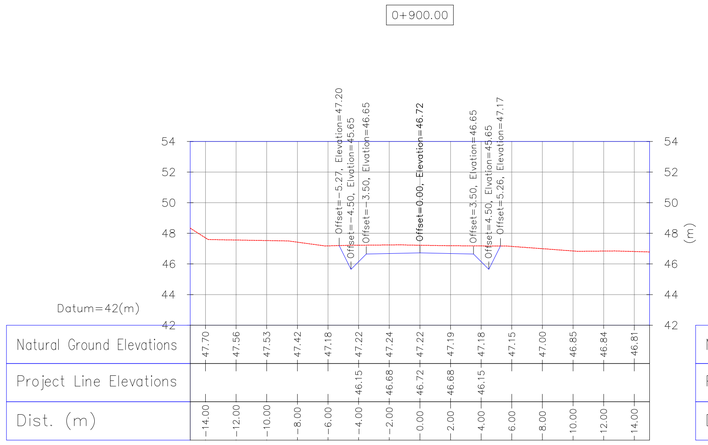
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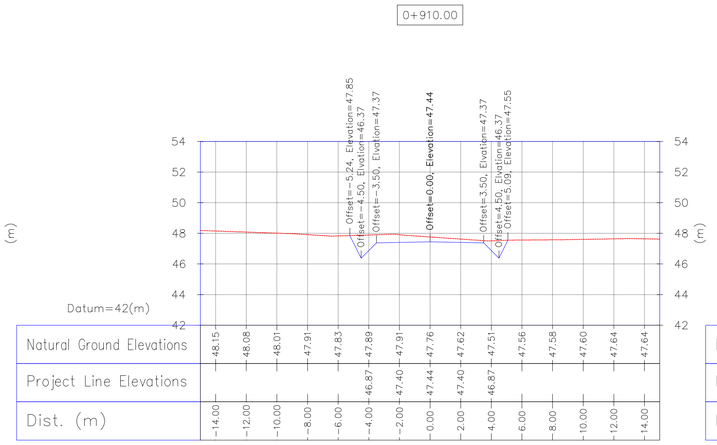
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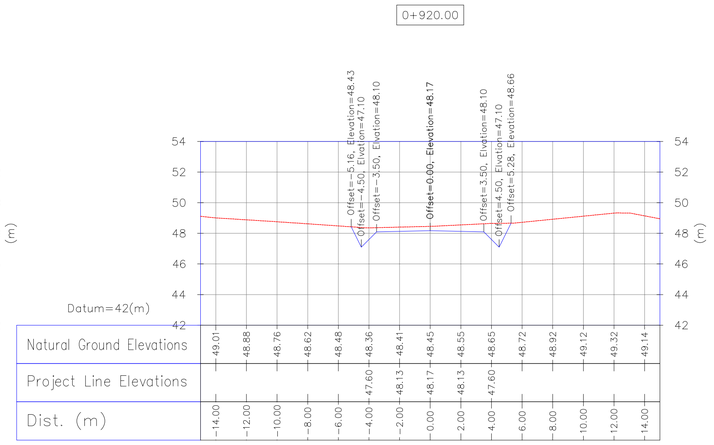


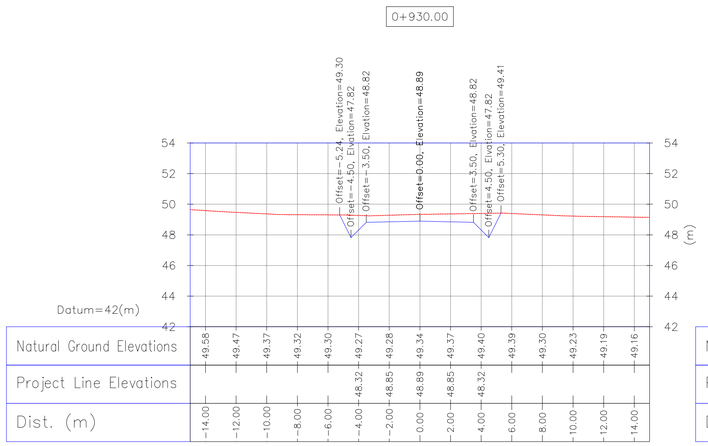


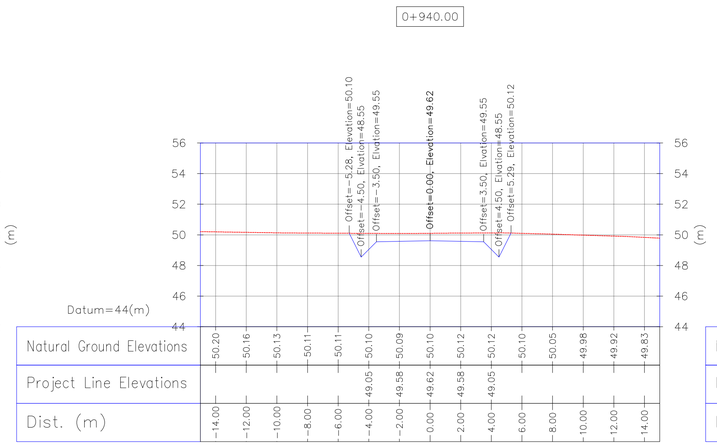


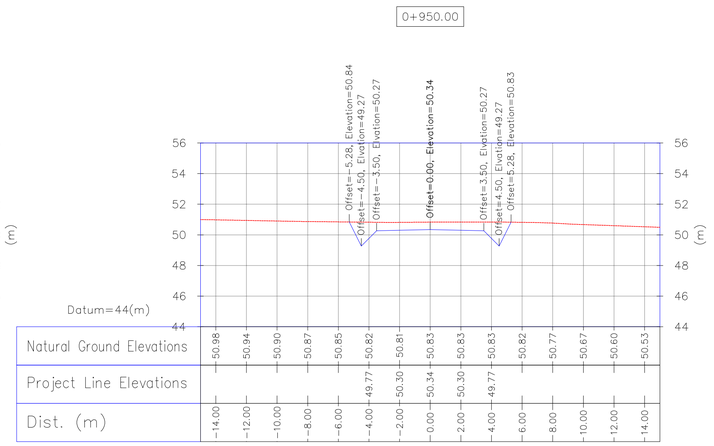












Wellpad Access Road Transversal Sections
1:200

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

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LEGEND

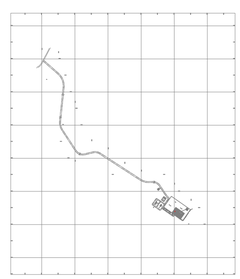
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

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



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

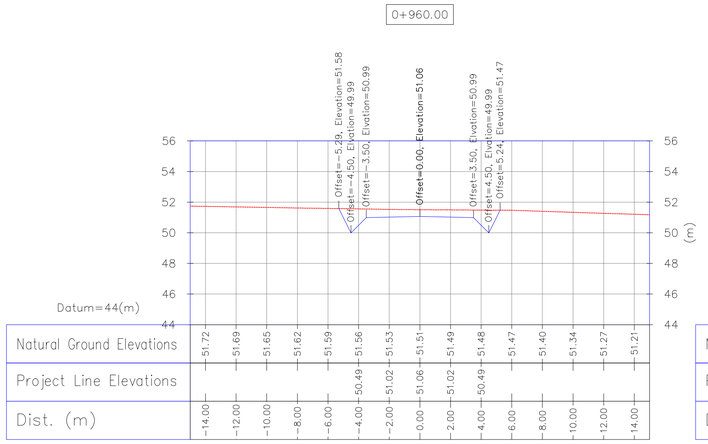
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ACCESS ROAD TRANSVERSAL SECTIONS KM 870 ~950(m)

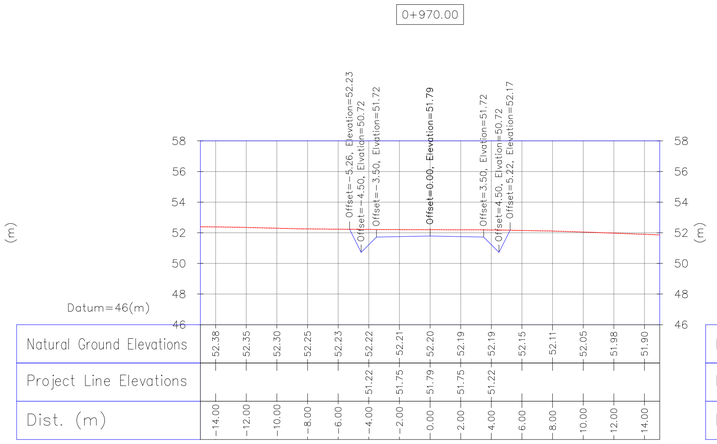
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AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	35 of 47	D01

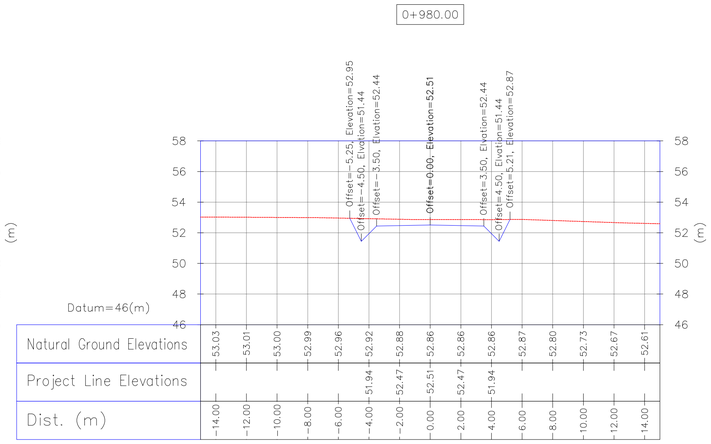
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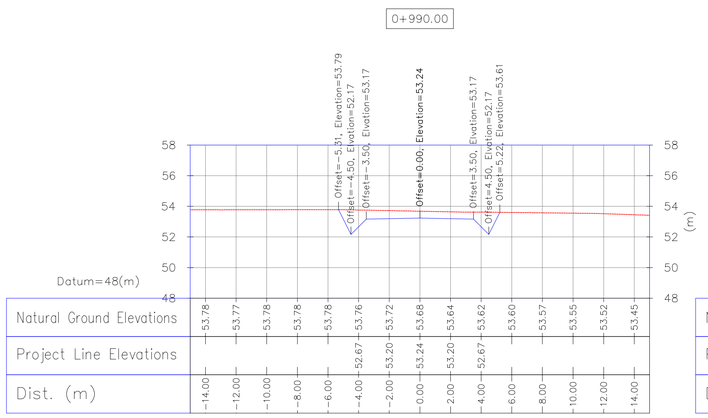
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APPROVED FOR CONSTRUCTION BY: DATE:

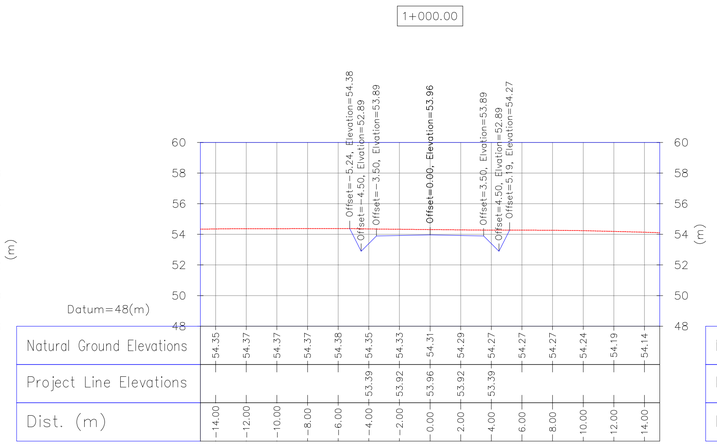
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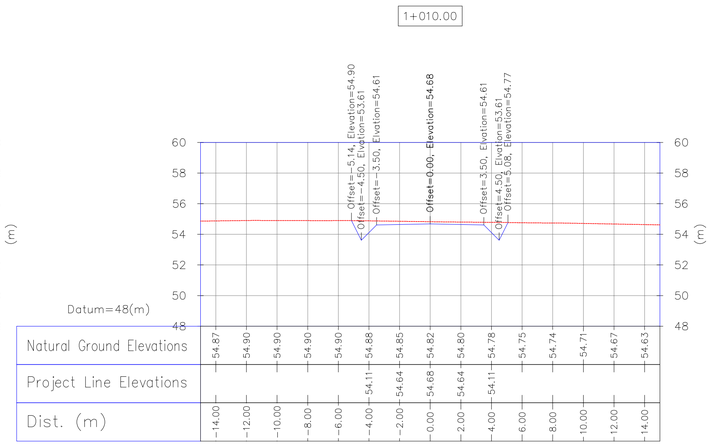


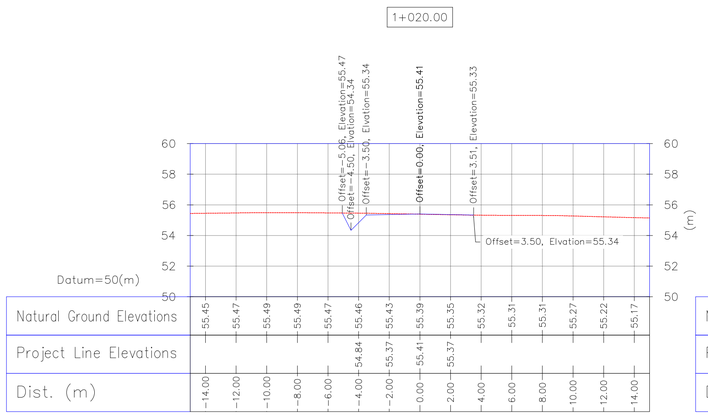


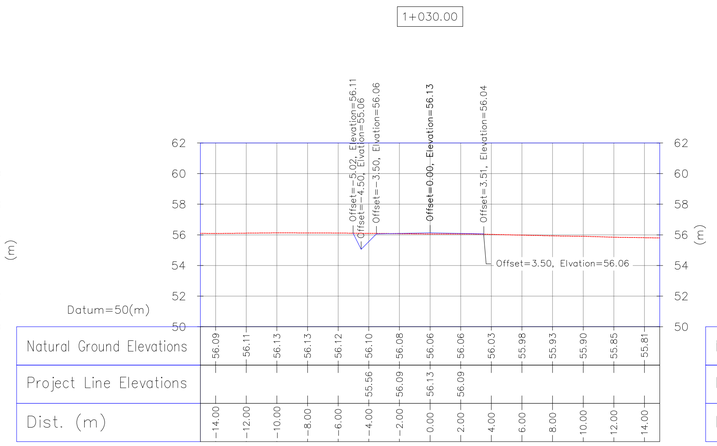


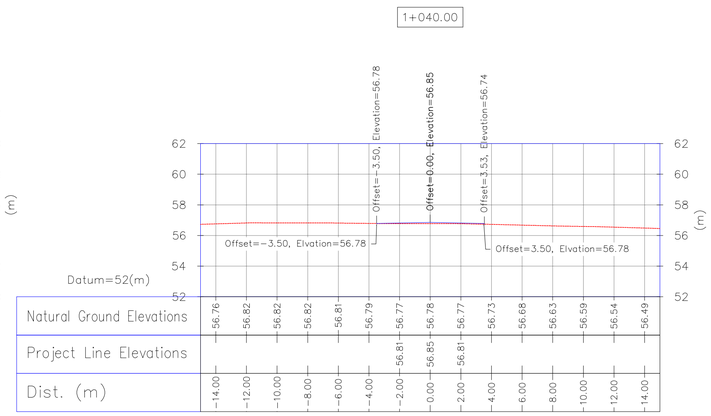












1:200 Wellpad Access Road Transversal Sections

Bench Mark List

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LEGEND

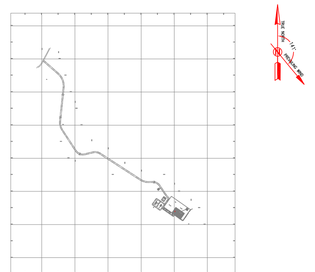
WELL LOCATION
WELL
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EVCE= END OF VERTICAL CURVE ELEVATION

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D01	JUL.2022	IFA	R. BERLOUEI	M.PAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.PAKHARIAN	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.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	36 of 47	D01

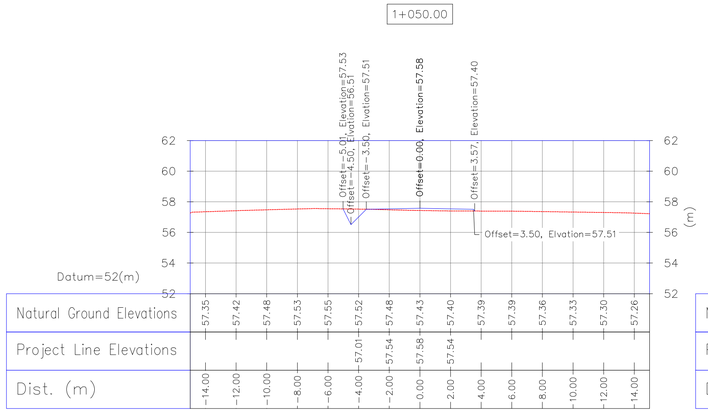
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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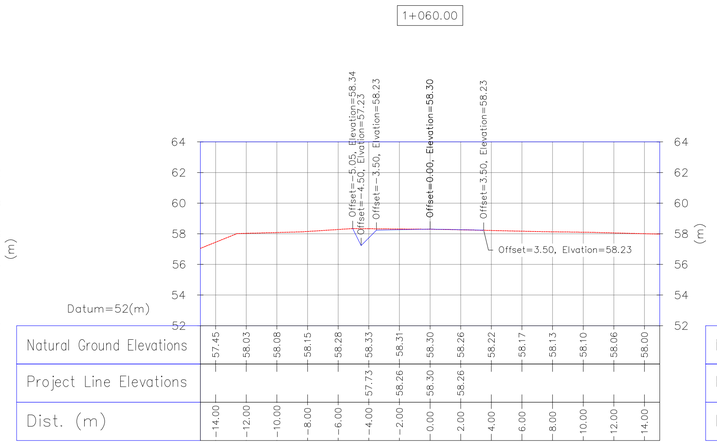
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

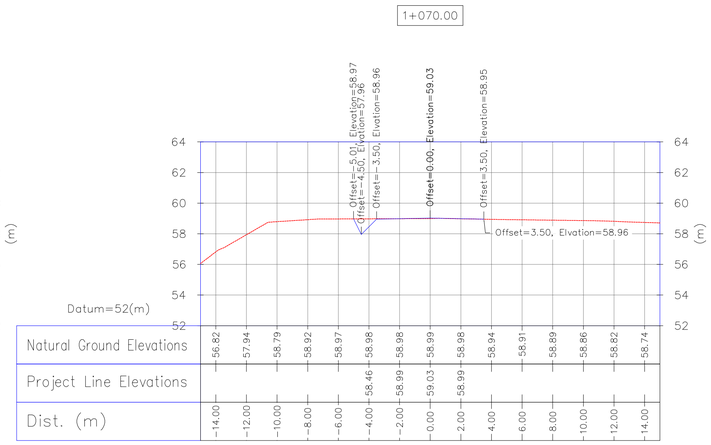
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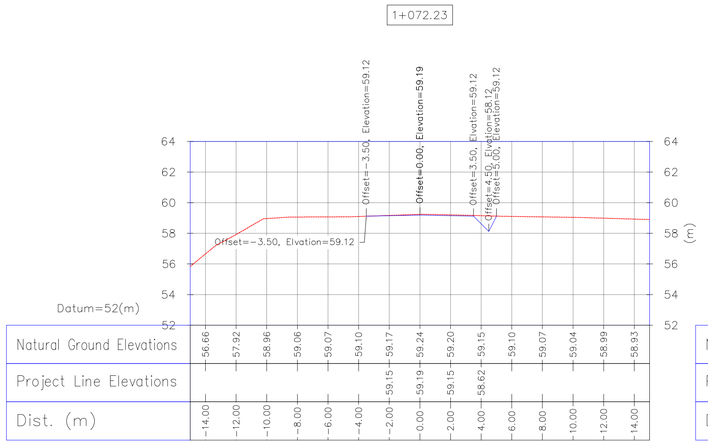
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APPROVED FOR CONSTRUCTION BY: DATE:

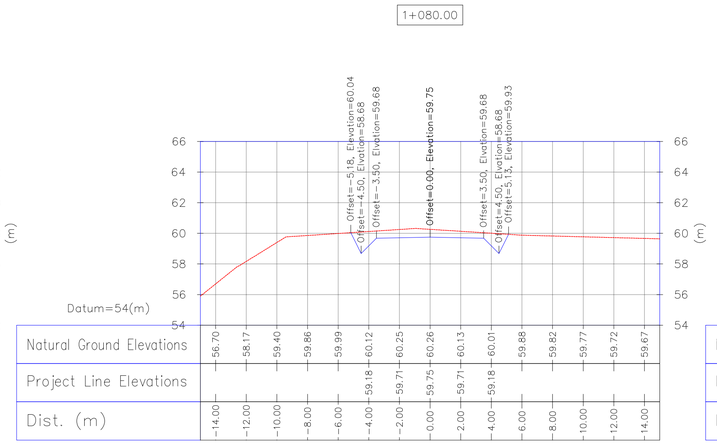
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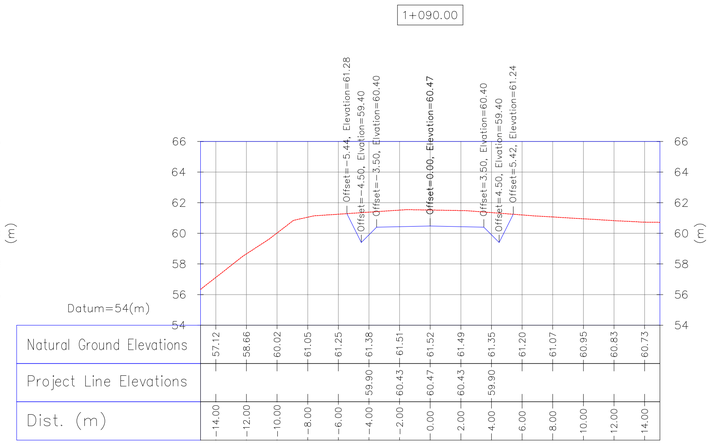


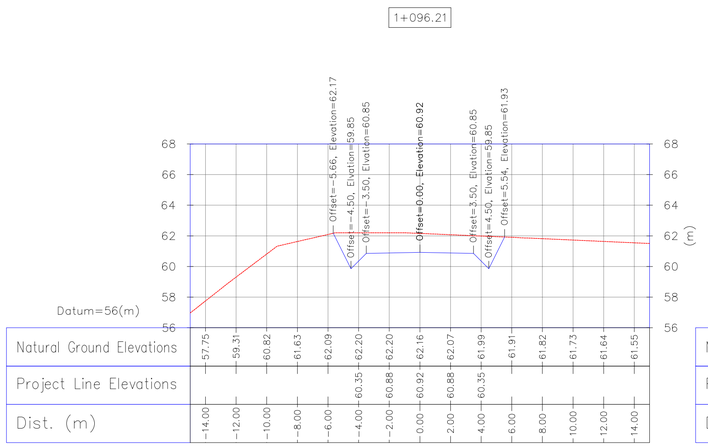


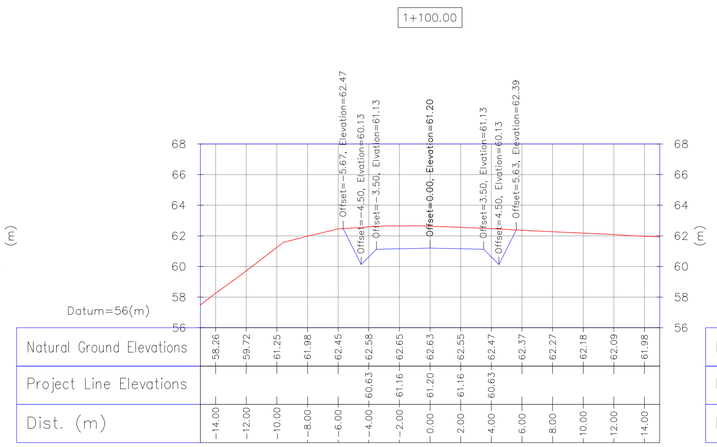


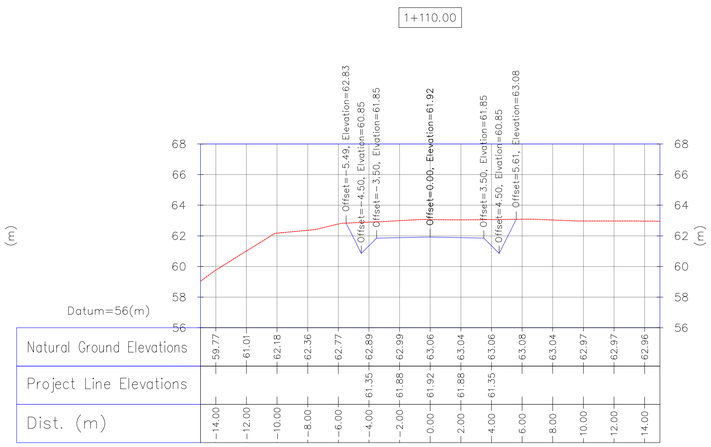












Wellpad Access Road Transversal Sections

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

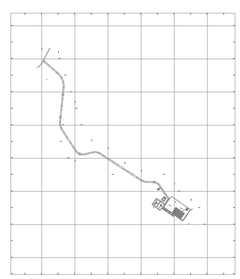
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60, 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

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

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



REV.	DESCRIPTION	CHECKED BY	CHECKED DATE	APPR. BY	APPR. DATE
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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

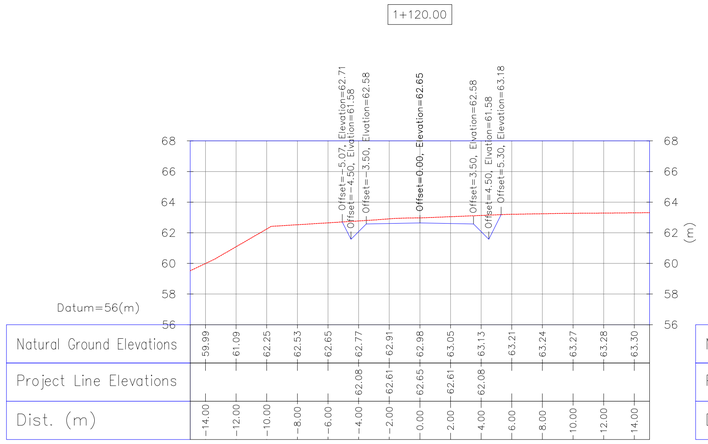
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
ACCESS ROAD TRANSVERSAL SECTIONS KM 1050 ~1110(m)

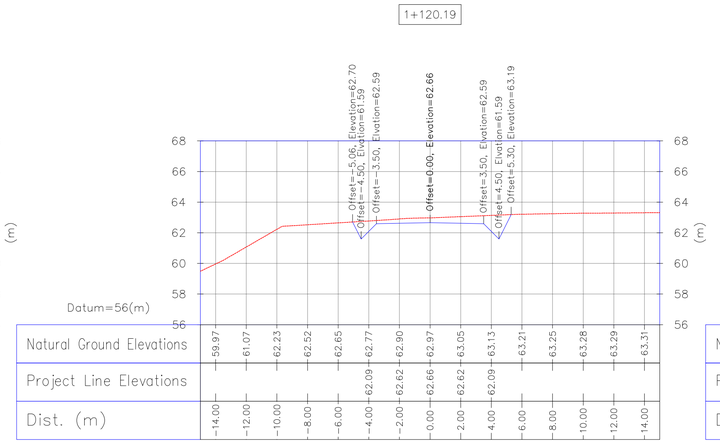
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	37 of 47	D01

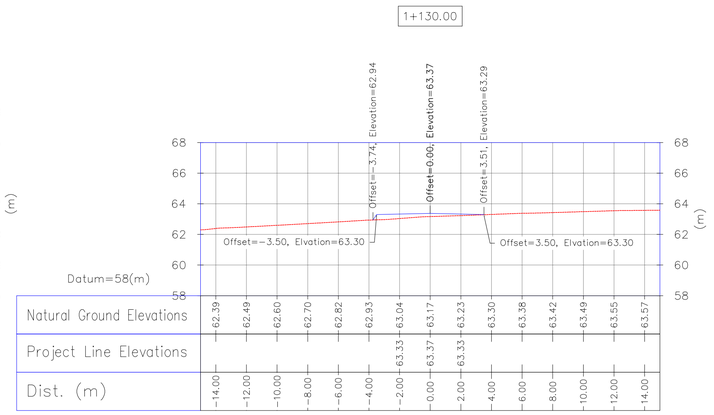
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

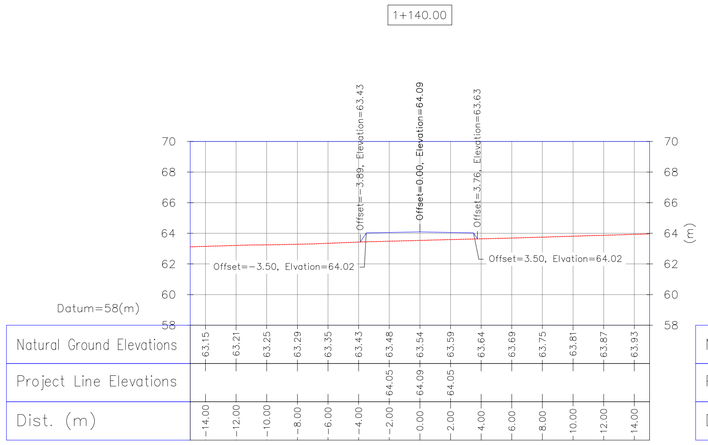
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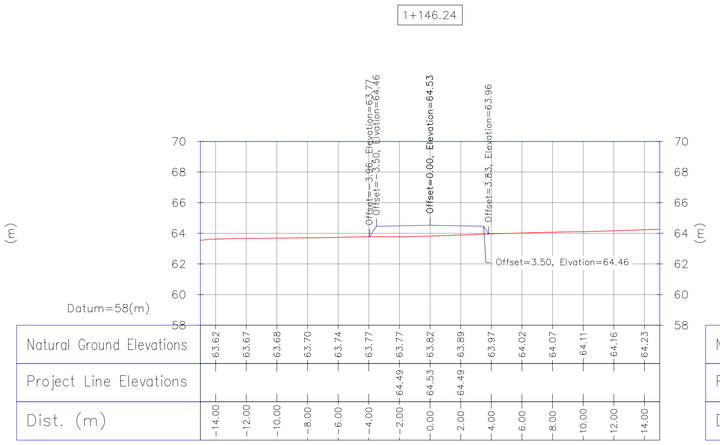
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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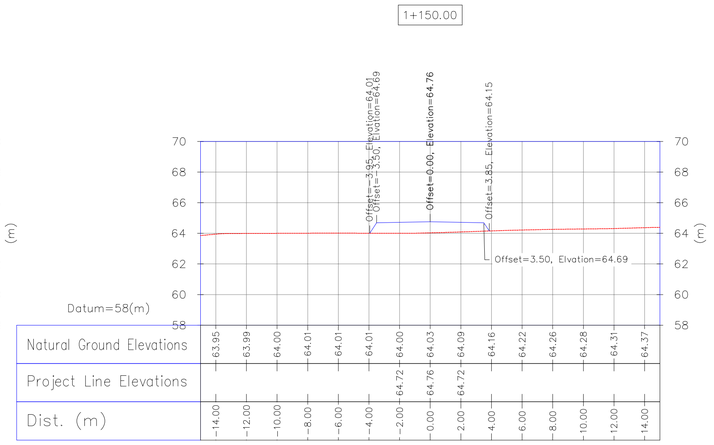


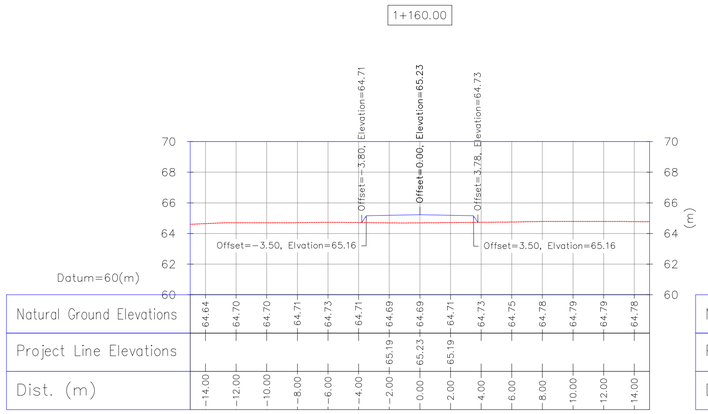


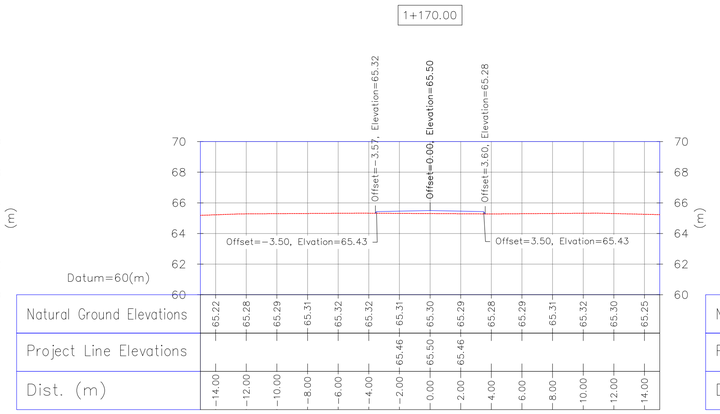


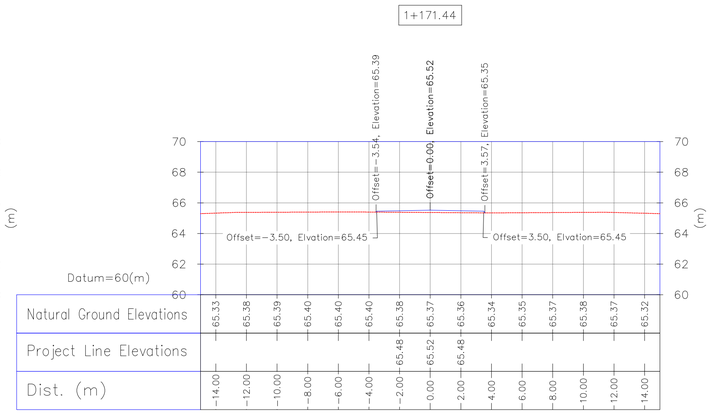












1:200 Wellpad Access Road Transversal Sections

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LEGEND

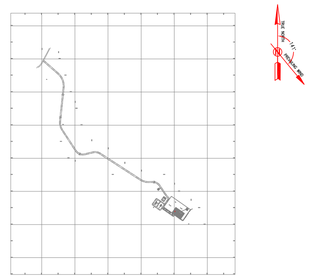
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KEY PLAN



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D01	JUL.2022	IFA	R. BERLOUEI	M.PAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.PAKHARIAN	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): PEDCO / PETROIRAN DEVELOPMENT COMPANY

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	38 of 47	D01

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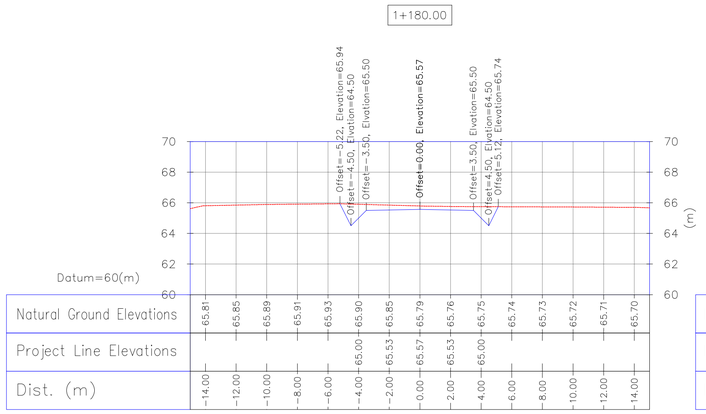
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

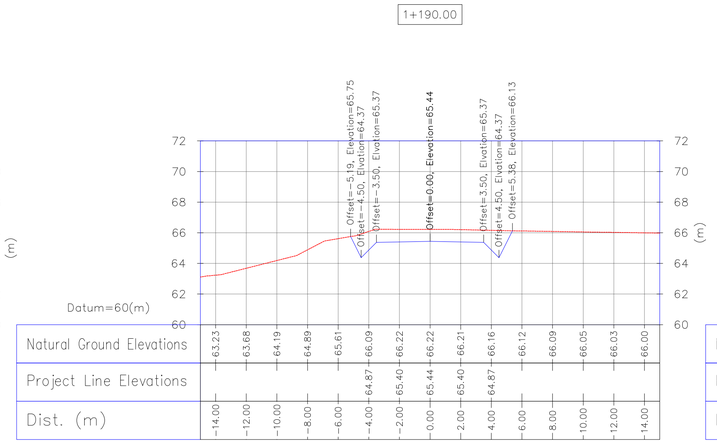
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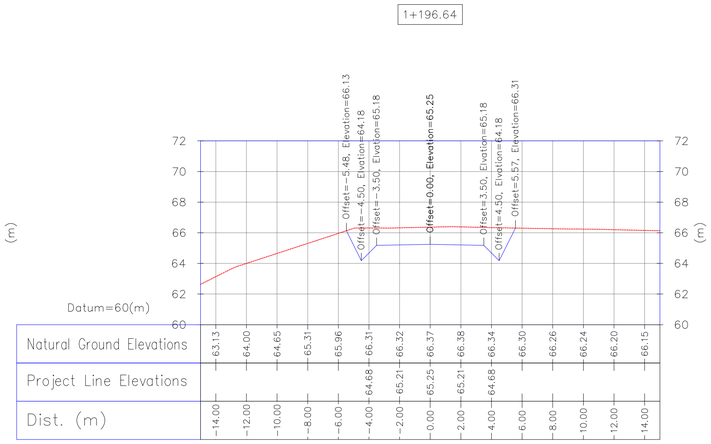
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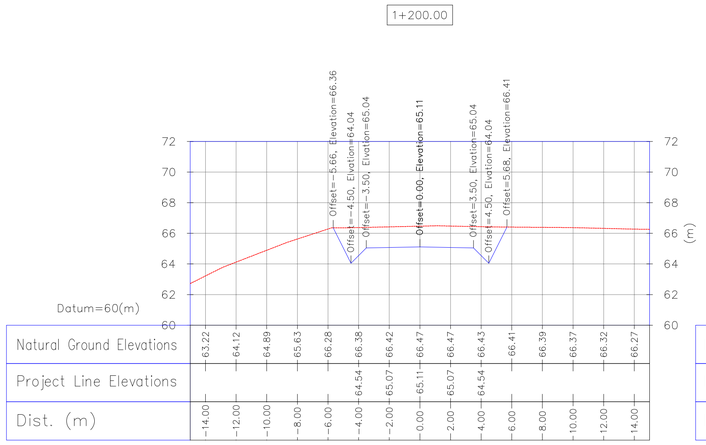
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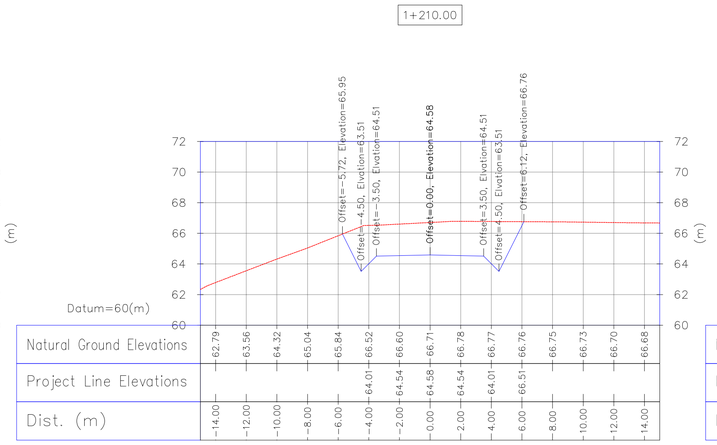
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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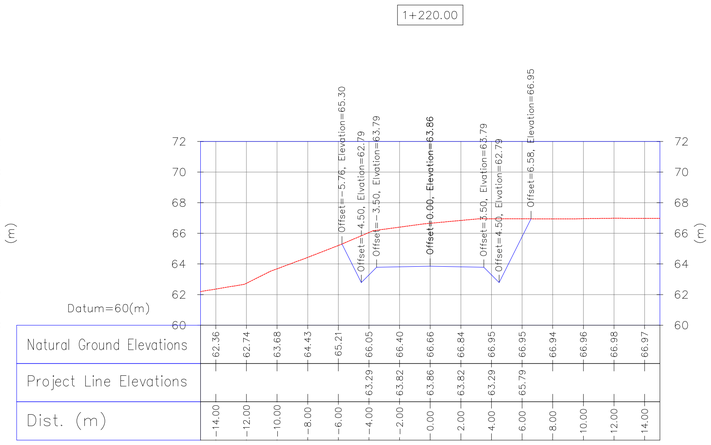


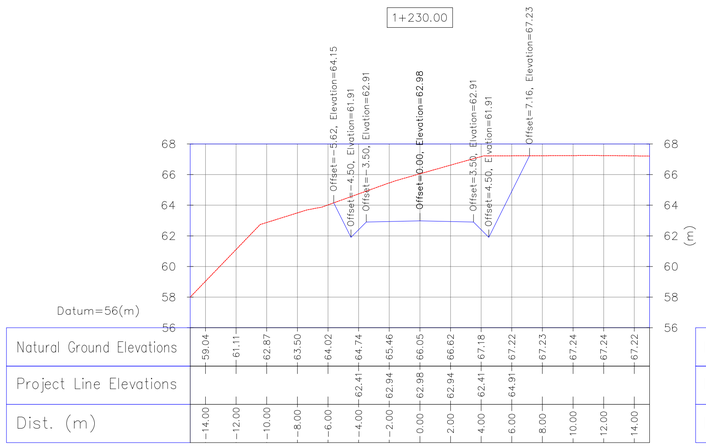


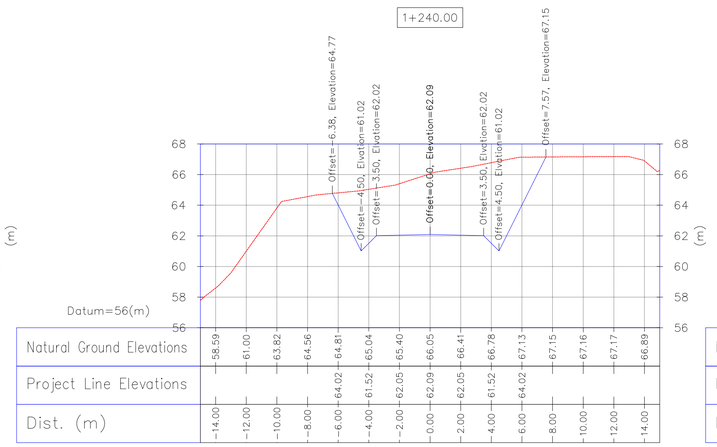


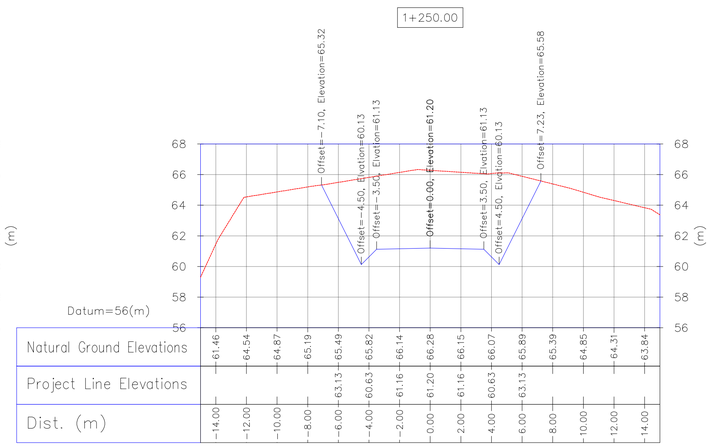












Wellpad Access Road Transversal Sections
1:200

Bench Mark List

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LEGEND

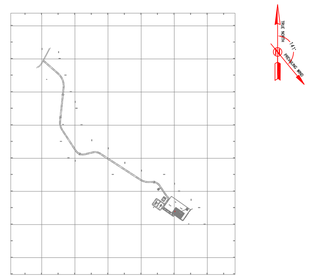
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

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
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KEY PLAN



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

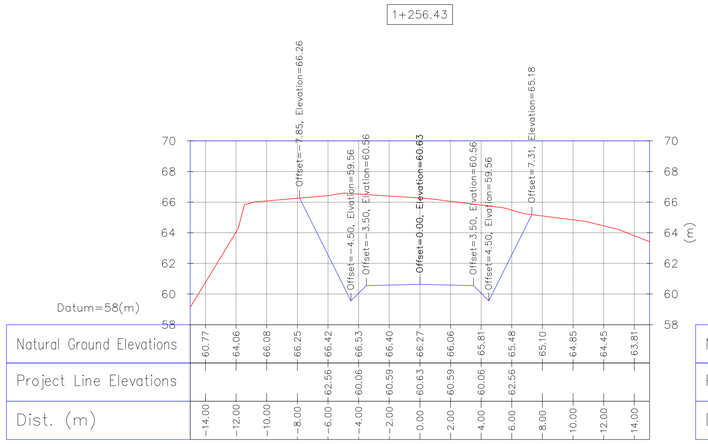
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS–W046S
ACCESS ROAD TRANSVERSAL SECTIONS KM 1180 ~1250(m)

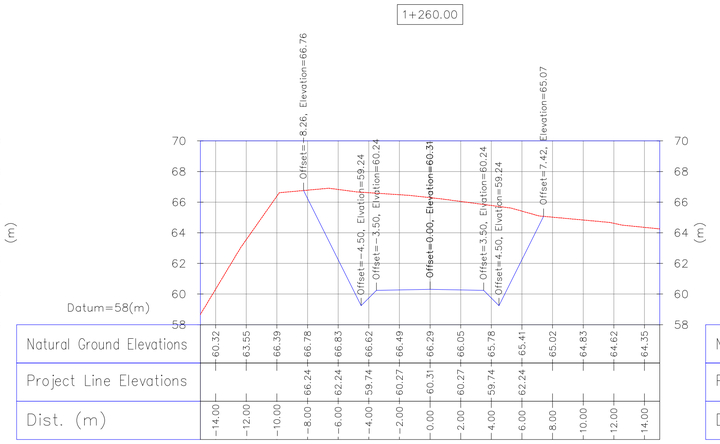
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AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	39 of 47	D01

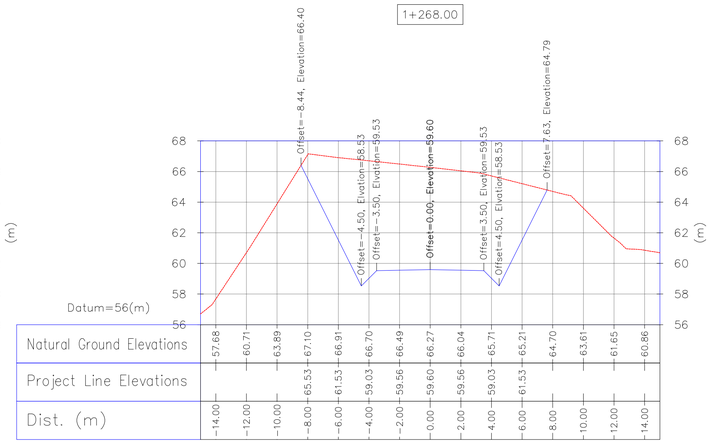
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

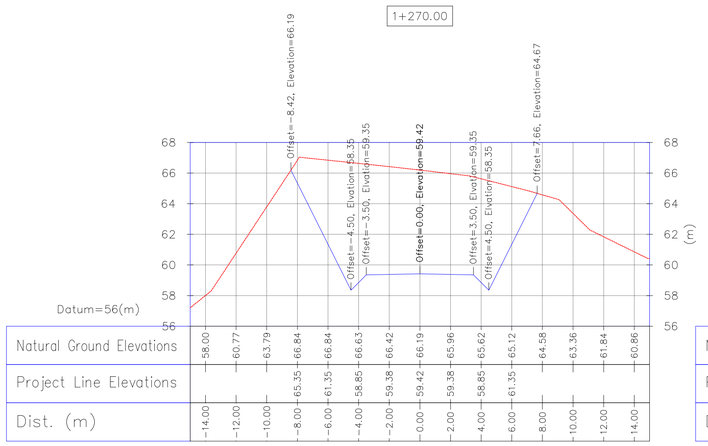
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE:

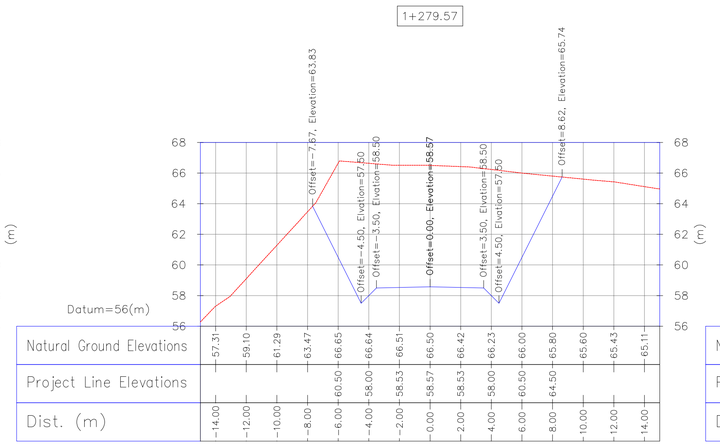
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	39	D01

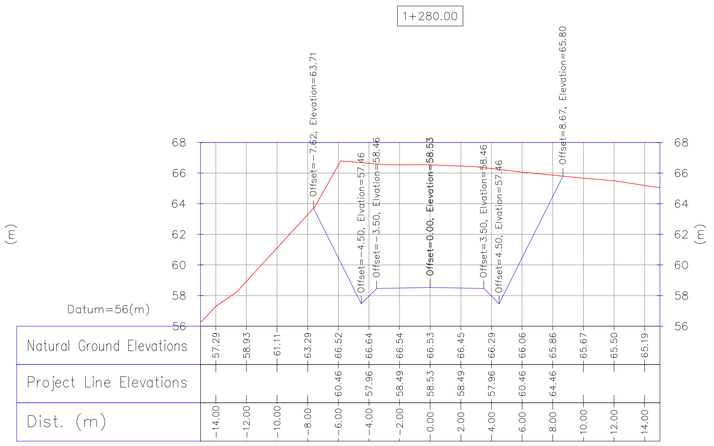


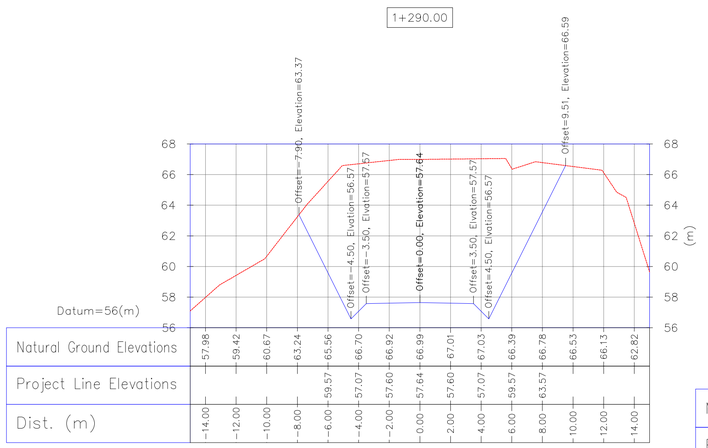


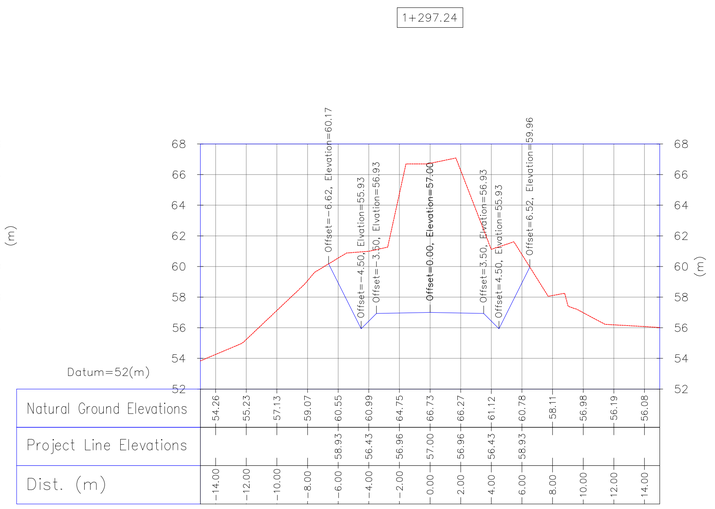












Wellpad Access Road Transversal Sections

1:200

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

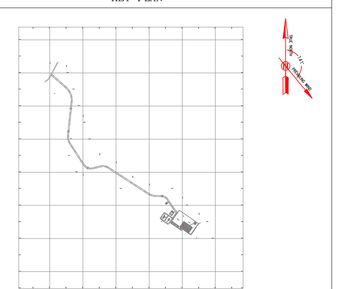
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

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

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

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.
D01	JUL.2022	IFA	R. BERLOUEI	M.PAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.PAKHARIAN	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 1256.43 ~1297.24M

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	40 of 47	D01

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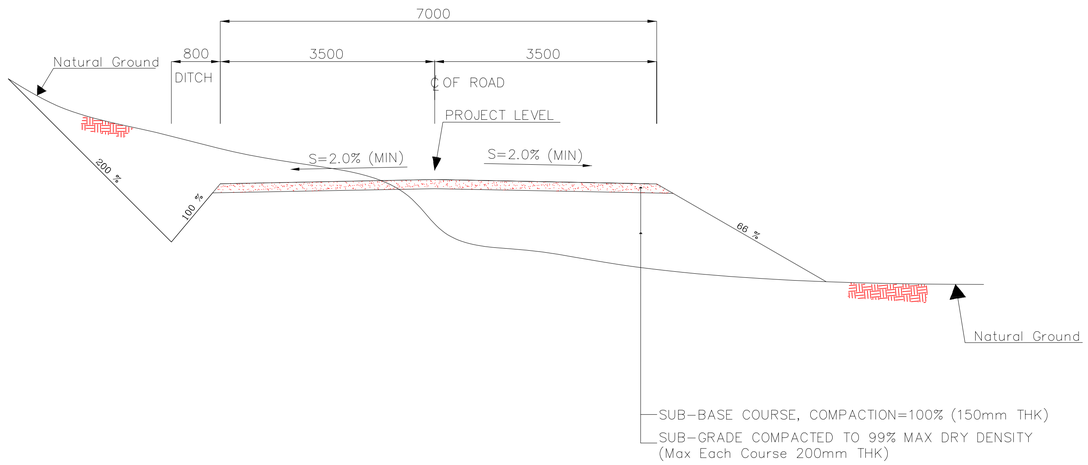
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

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	40	D01



N.T.S. 1 TYPICAL CROSS SECTION (Access 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:
- 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

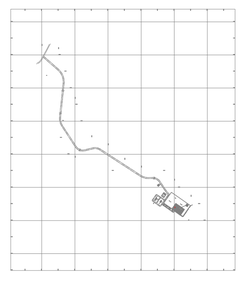
WELL LOCATION		CANAL	
WELL		RIVER	
SITE		WATER COURSE	
CAMP SITE	60 / 50	CONTOURS	
ASPHALT ROAD	99.27	SPOT HEIGHT	
GRAVEL ROAD		BENCH MARK	
PROPOSED ROAD		BRIDGE	
DAYLIGHT		CULVERT	

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
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



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
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D01 Totally Revised

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

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
TYPICAL CUT&FILL CROSS SEC.(WELL ACCESS 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	41 of 47	D01

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	41	D01

Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume	Cumulative Fill Vol	Cumulative Cut Vol
0+000.000	0.00	3.20	0.00	0.00	0.00	0.00
0+010.000	0.00	1.98	0.00	25.91	0.00	25.91
0+020.000	0.00	2.14	0.00	20.61	0.00	46.52
0+030.000	0.00	2.38	0.00	22.62	0.00	69.13
0+040.000	0.00	2.37	0.00	23.78	0.00	92.92
0+050.000	0.00	3.53	0.00	29.54	0.00	122.45
0+060.000	0.00	4.88	0.00	42.05	0.00	164.50
0+070.000	0.00	10.68	0.00	77.78	0.00	242.28
0+080.000	0.00	10.57	0.00	106.25	0.00	348.54
0+090.000	0.00	6.18	0.00	83.74	0.00	432.27
0+100.000	0.00	4.42	0.00	52.97	0.00	485.24
0+110.000	0.16	1.25	0.80	28.34	0.80	513.59
0+116.497	1.03	1.06	3.86	7.50	4.66	521.09
0+120.000	1.73	1.07	4.88	3.57	9.54	524.67
0+130.000	5.44	0.00	35.79	5.13	45.33	529.79
0+140.000	6.74	0.00	60.84	0.00	106.17	529.79
0+150.000	0.57	1.12	36.68	5.39	142.85	535.18
0+160.000	0.18	2.00	3.82	15.09	146.67	550.26
0+164.508	0.39	1.55	1.33	7.73	148.00	558.00
0+170.000	0.01	1.83	1.15	8.95	149.15	566.95
0+180.000	0.00	1.87	0.06	18.17	149.21	585.12
0+190.000	0.00	3.86	0.00	28.54	149.21	613.66
0+200.000	0.91	0.00	4.60	19.22	153.81	632.87
0+210.000	8.47	0.00	47.02	0.00	200.83	632.87
0+212.520	10.43	0.00	23.85	0.00	224.68	632.87

Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume	Cumulative Fill Vol	Cumulative Cut Vol
0+220.000	9.70	0.00	75.29	0.00	299.97	632.87
0+230.000	7.23	0.00	84.68	0.00	384.65	632.87
0+240.000	6.43	0.00	68.30	0.00	452.95	632.87
0+250.000	13.91	0.00	101.71	0.00	554.66	632.87
0+260.000	13.96	0.00	139.39	0.00	694.05	632.87
0+270.000	10.87	0.00	124.16	0.00	818.21	632.87
0+280.000	10.14	0.00	105.04	0.00	923.25	632.87
0+290.000	7.54	0.00	88.42	0.00	1011.67	632.87
0+300.000	6.99	0.00	72.67	0.00	1084.34	632.87
0+310.000	6.94	0.00	69.64	0.00	1153.98	632.87
0+320.000	8.92	0.00	79.30	0.00	1233.28	632.87
0+330.000	7.39	0.00	81.55	0.00	1314.82	632.87
0+340.000	6.86	0.00	71.21	0.00	1386.03	632.87
0+350.000	6.14	0.00	64.95	0.00	1450.99	632.87
0+360.000	7.36	0.00	67.48	0.00	1518.47	632.87
0+370.000	6.39	0.00	68.74	0.00	1587.20	632.87
0+380.000	6.16	0.00	62.75	0.00	1649.95	632.87
0+390.000	11.31	0.00	87.37	0.00	1737.32	632.87
0+400.000	9.89	0.00	105.99	0.00	1843.31	632.87
0+410.000	9.18	0.00	95.37	0.00	1938.68	632.87
0+415.799	7.49	0.00	48.35	0.00	1987.04	632.87
0+420.000	6.15	0.00	28.80	0.00	2015.84	632.87
0+430.000	3.40	2.76	48.20	13.04	2064.04	645.91
0+440.000	2.97	4.31	32.43	33.46	2096.47	679.37
0+443.231	2.45	4.79	8.96	13.94	2105.43	693.30

Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume	Cumulative Fill Vol	Cumulative Cut Vol
0+450.000	1.66	6.55	14.25	36.52	2119.68	729.82
0+460.000	1.78	3.93	17.54	49.83	2137.22	779.66
0+470.000	0.00	17.82	9.04	106.09	2146.26	885.74
0+470.662	0.00	18.30	0.00	11.96	2146.26	897.70
0+480.000	0.00	20.40	0.00	180.65	2146.26	1078.35
0+490.000	0.47	11.62	2.34	160.08	2148.60	1238.43
0+500.000	2.66	0.95	15.63	62.87	2164.23	1301.30
0+510.000	4.56	0.00	36.10	4.77	2200.33	1306.07
0+520.000	5.52	0.00	50.38	0.00	2250.71	1306.07
0+530.000	6.52	0.00	60.19	0.00	2310.90	1306.07
0+540.000	4.41	6.33	54.67	31.64	2365.57	1337.70
0+550.000	4.45	4.04	44.29	51.84	2409.86	1389.54
0+560.000	2.22	1.78	33.35	29.12	2443.21	1418.66
0+570.000	0.04	3.25	11.29	25.18	2454.50	1443.84
0+580.000	0.00	6.12	0.18	46.84	2454.68	1490.69
0+590.000	0.13	11.83	0.63	89.75	2455.31	1580.43
0+600.000	0.27	8.71	2.00	102.72	2457.31	1683.16
0+610.000	0.00	3.13	1.37	59.19	2458.68	1742.35
0+620.000	0.62	1.54	3.12	23.35	2461.80	1765.70
0+621.828	0.78	1.66	1.28	2.93	2463.09	1768.63
0+630.000	0.87	1.72	6.96	12.67	2470.04	1781.30
0+640.000	1.53	1.88	12.30	16.52	2482.34	1797.82
0+650.000	1.89	0.00	17.37	8.62	2499.71	1806.44
0+652.613	2.83	0.00	6.23	0.00	2505.94	1806.44
0+660.000	3.42	0.00	23.19	0.00	2529.13	1806.44

Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume	Cumulative Fill Vol	Cumulative Cut Vol
0+670.000	1.94	0.00	26.78	0.00	2555.91	1806.44
0+680.000	2.23	0.00	20.84	0.00	2576.75	1806.44
0+683.399	2.49	0.00	8.10	0.00	2584.85	1806.44
0+690.000	0.78	1.37	10.77	4.52	2595.62	1810.96
0+700.000	0.00	3.54	3.88	24.57	2599.50	1835.53
0+710.000	0.00	4.34	0.00	39.43	2599.50	1874.96
0+720.000	0.00	3.76	0.00	40.51	2599.50	1915.47
0+730.000	0.00	3.15	0.00	34.54	2599.50	1950.02
0+736.440	0.00	2.16	0.00	17.09	2599.50	1967.10
0+740.000	0.00	1.56	0.01	6.82	2599.51	1973.93
0+750.000	0.00	2.47	0.02	20.58	2599.53	1994.50
0+756.812	0.00	2.67	0.00	17.40	2599.53	2011.90
0+760.000	0.00	2.80	0.00	8.69	2599.53	2020.59
0+770.000	0.00	3.23	0.00	30.28	2599.53	2050.87
0+777.184	0.00	3.53	0.00	24.45	2599.53	2075.32
0+780.000	0.00	3.43	0.00	9.80	2599.53	2085.12
0+790.000	0.00	3.57	0.00	35.00	2599.53	2120.12
0+800.000	0.00	4.22	0.00	38.93	2599.53	2159.05
0+810.000	0.00	4.19	0.00	42.07	2599.53	2201.12
0+820.000	0.00	3.56	0.00	38.75	2599.53	2239.87
0+830.000	0.00	3.87	0.00	37.14	2599.53	2277.01
0+840.000	0.00	3.08	0.00	34.75	2599.53	2311.76
0+850.000	0.00	3.10	0.00	30.89	2599.53	2342.65
0+860.000	0.00	2.79	0.00	29.42	2599.53	2372.07
0+870.000	0.00	2.93	0.00	28.58	2599.53	2400.65

Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume	Cumulative Fill Vol	Cumulative Cut Vol
0+880.000	0.00	4.67	0.00	38.00	2599.53	2438.65
0+890.000	0.00	6.99	0.00	58.32	2599.53	2496.97
0+900.000	0.00	7.01	0.00	69.99	2599.53	2566.95
0+910.000	0.00	4.98	0.00	59.94	2599.53	2626.89
0+920.000	0.00	5.23	0.00	51.06	2599.53	2677.95
0+930.000	0.00	6.47	0.00	58.52	2599.53	2736.47
0+940.000	0.00	7.01	0.00	67.42	2599.53	2803.88
0+950.000	0.00	6.99	0.00	69.99	2599.53	2873.88
0+960.000	0.00	6.60	0.00	67.97	2599.53	2941.84
0+970.000	0.00	6.21	0.00	64.08	2599.53	3005.92
0+980.000	0.00	5.72	0.00	59.64	2599.53	3065.56
0+990.000	0.00	6.58	0.00	61.49	2599.53	3127.06
1+000.000	0.00	5.57	0.00	60.77	2599.53	3187.82
1+010.000	0.00	3.42	0.00	44.96	2599.53	3232.78
1+020.000	0.05	1.12	0.25	22.70	2599.78	3255.48
1+030.000	0.24	0.83	1.45	9.74	2601.22	3265.22
1+040.000	0.34	0.00	2.91	4.14	2604.13	3269.37
1+050.000	0.73	0.78	5.38	3.88	2609.52	3273.24
1+060.000	0.01	1.05	3.72	9.12	2613.24	3282.36
1+070.000	0.06	0.79	0.37	9.22	2613.61	3291.58
1+072.234	0.00	1.06	0.07	2.08	2613.68	3293.66
1+080.000	0.00	6.03	0.00	27.66	2613.68	3321.32
1+090.000	0.00	12.08	0.00	90.43	2613.68	3411.75
1+096.212	0.00	14.70	0.00	83.04	2613.68	3494.79
1+100.000	0.00	16.61	0.00	59.20	2613.68	3553.99

Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume	Cumulative Fill Vol	Cumulative Cut Vol
1+110.000	0.00	13.47	0.00	150.48	2613.68	3704.46
1+120.000	0.00	5.27	0.00	94.10	2613.68	3798.57
1+120.190	0.00	5.13	0.00	0.99	2613.68	3799.56
1+130.000	1.41	0.00	6.91	25.14	2620.59	3824.70
1+140.000	3.81	0.00	26.10	0.00	2646.69	3824.70
1+146.237	4.88	0.00	27.10	0.00	2673.79	3824.70
1+150.000	5.00	0.00	18.66	0.00	2692.44	3824.70
1+160.000	3.58	0.00	42.99	0.00	2735.44	3824.70
1+170.000	1.18	0.00	23.76	0.00	2759.20	3824.70
1+171.438	0.83	0.00	1.44	0.00	2760.64	3824.70
1+180.000	0.00	4.40	3.55	18.98	2764.18	3843.67
1+190.000	0.00	9.45	0.00	69.26	2764.18	3912.93
1+196.639	0.00	13.53	0.00	76.12	2764.18	3989.05
1+200.000	0.00	16.06	0.00	49.72	2764.18	4038.77
1+210.000	0.00	24.66	0.00	203.58	2764.18	4242.35
1+220.000	0.00	32.32	0.00	284.86	2764.18	4527.21
1+230.000	0.00	37.28	0.00	347.96	2764.18	4875.17
1+240.000	0.00	48.94	0.00	431.08	2764.18	5306.24
1+250.000	0.00	61.21	0.00	550.77	2764.18	5857.01
1+256.433	0.00	72.27	0.00	429.39	2764.18	6286.41
1+260.000	0.00	78.65	0.00	268.49	2764.18	6554.90
1+268.002	0.00	89.87	0.00	672.17	2764.18	7227.07
1+270.000	0.00	91.34	0.00	181.03	2764.18	7408.10
1+279.570	0.00	106.87	0.00	947.30	2764.18	8355.40
1+280.000	0.00	107.81	0.00	46.12	2764.18	8401.51

Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume	Cumulative Fill Vol	Cumulative Cut Vol
1+290.000	0.00	129.02	0.00	1184.14	2764.18	9585.65
1+297.239	0.00	79.26	0.00	753.84	2764.18	10339.50

CUT & FILL VOLUME TABLE(ACCESS ROAD)

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

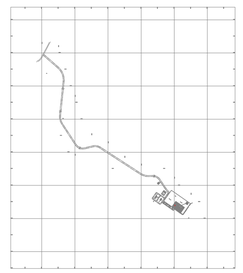
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

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	CHECKED BY	DATE
D01	Totally Revised	M.FAKHARIAN	JUL.2022	SH.GHALIKAR	**.**
D00	IFC	M.FAKHARIAN	MAY.2022	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): PEDCO — PETROIRAN DEVELOPMENT COMPANY

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S WELL ACCESS ROAD VOLUME TABLE

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	42 of 47	D01

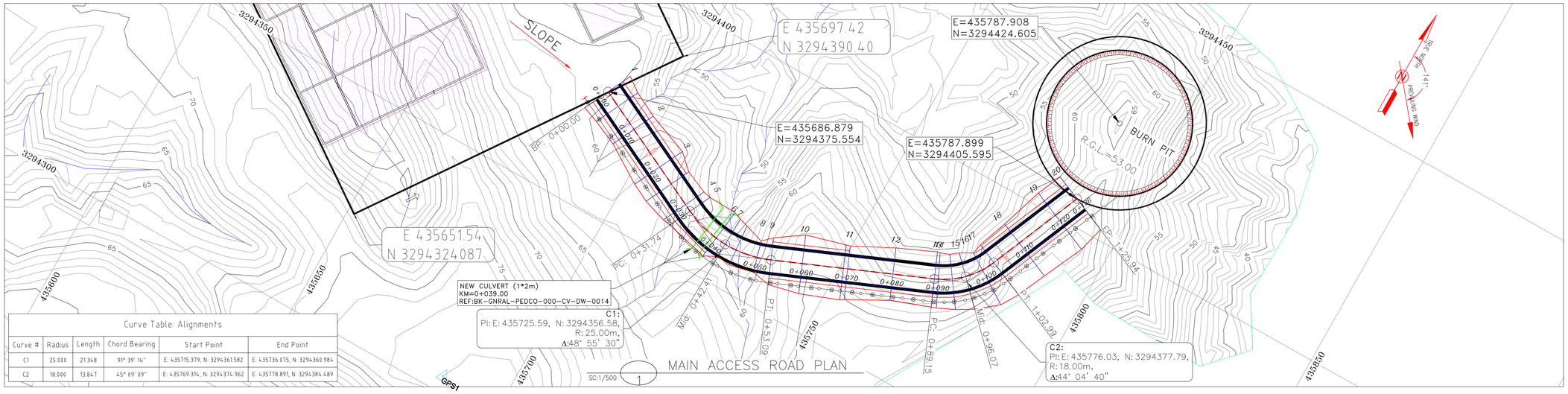
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

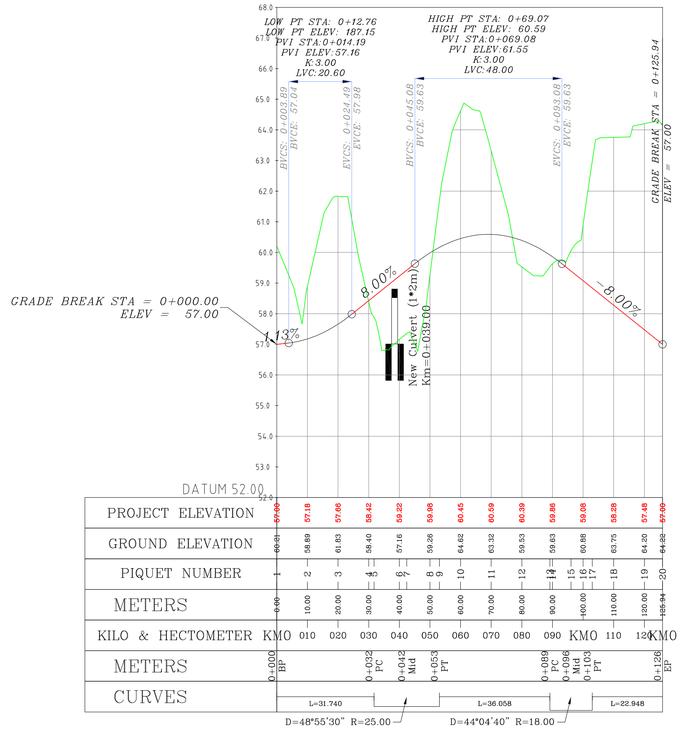
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APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	42	D01



SC:1/500 (1) MAIN ACCESS ROAD PLAN

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



H: 1/1000 V: 1/100 (2) MAIN ACCESS ROAD PROFILE

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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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

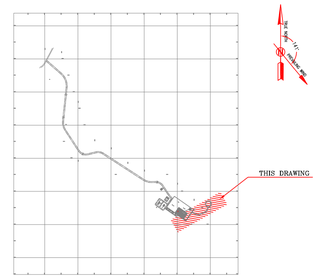
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
PIPE SUPPORT
BURN PIT PIPE LINE
CANAL
RIVER
WATER COURSE
60 / 50 CONTOURS
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

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
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ABBREVIATION

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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.
D01	JUL.2022	IFA	R. BERLOUEI	M.PAKHARIAN	SH.GHALIKAR	**.**
D00	MAY.2022	IFC	R. BERLOUEI	M.PAKHARIAN	SH.GHALIKAR	**.**

D01 Totally Revised

REV.	DESCRIPTION	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
BURN PIT ROAD PLAN AND PROFILE SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	43 of 47	D01

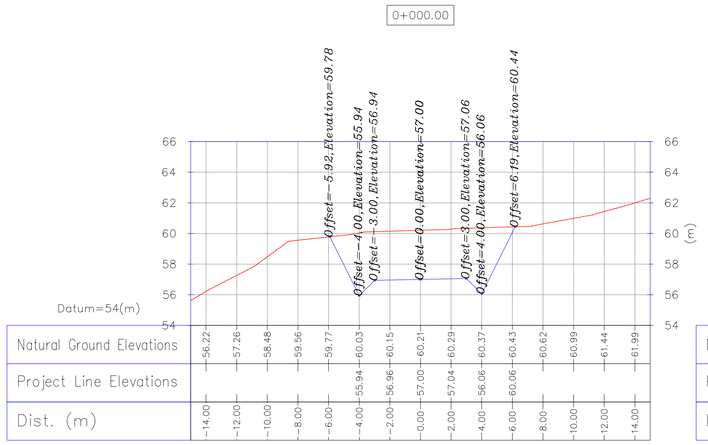
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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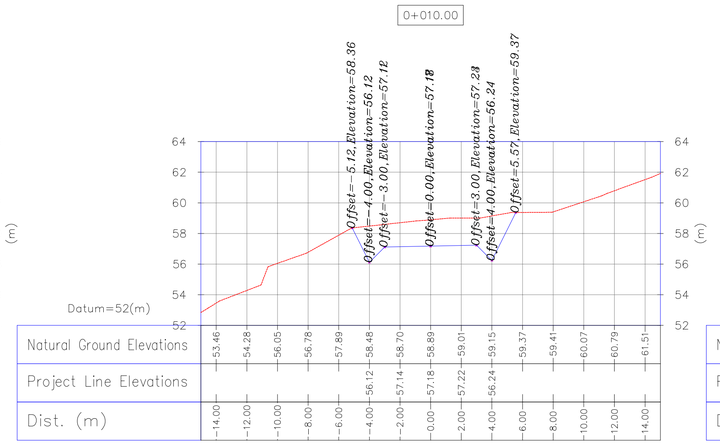
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

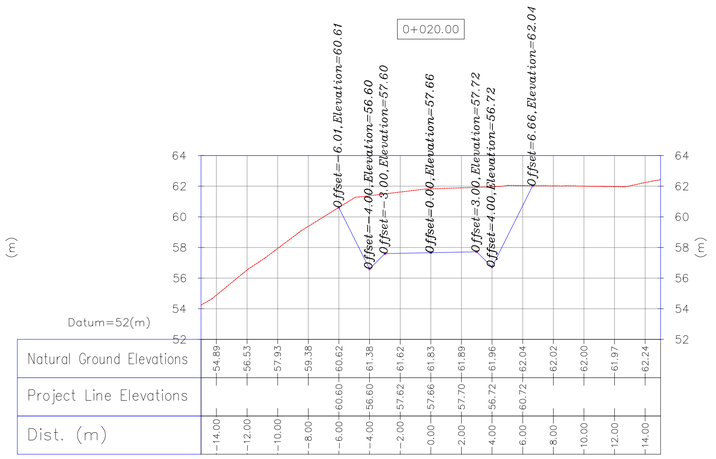
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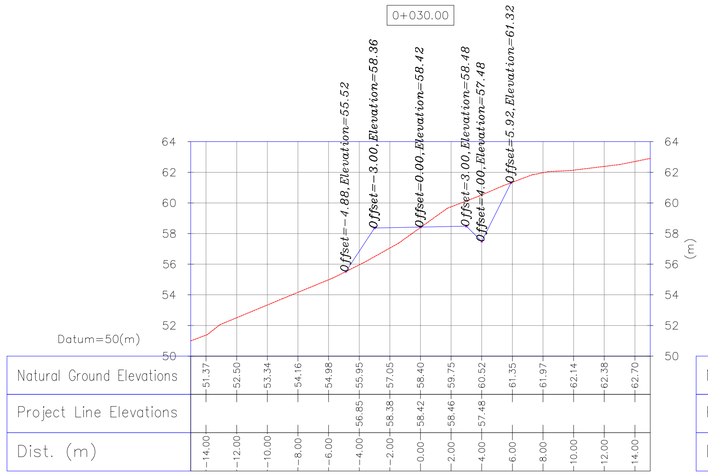
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE:

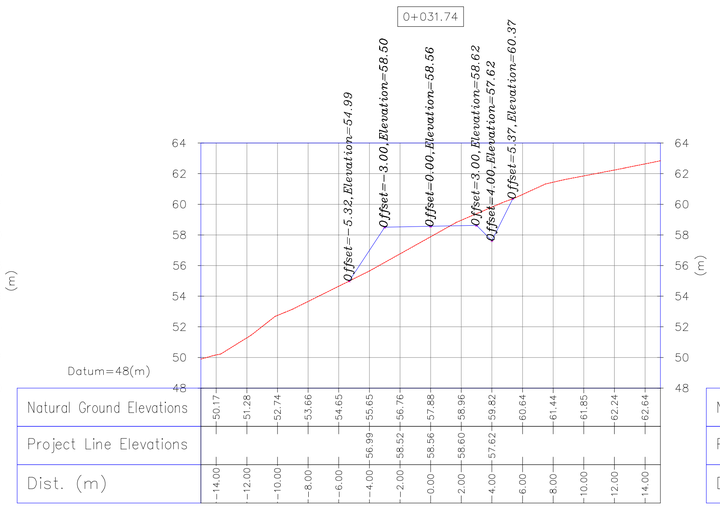
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	43	D01

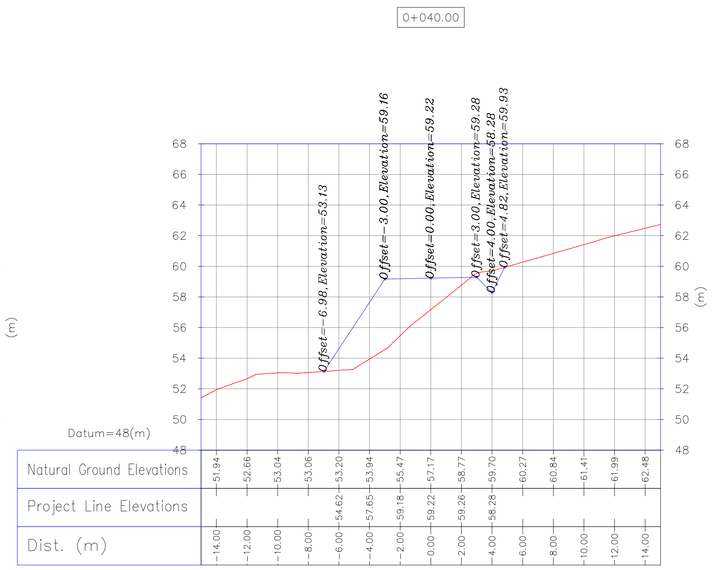


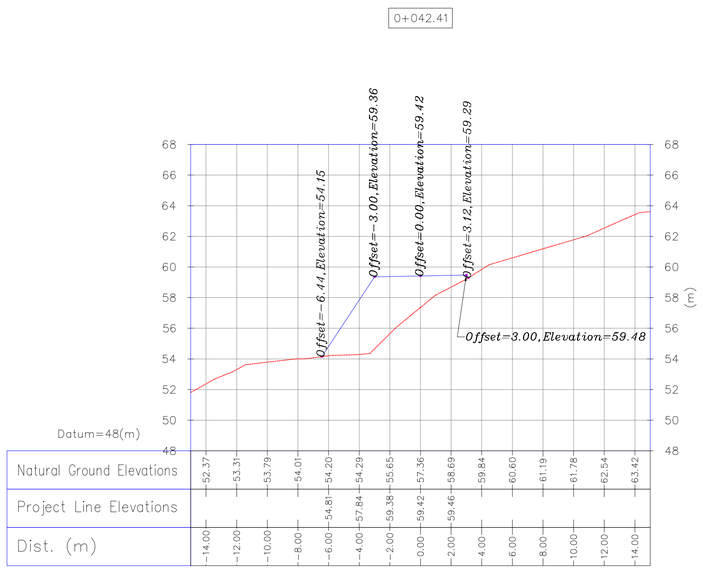












Burn Pit Road Transversal Sections

1:200

NOTES

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

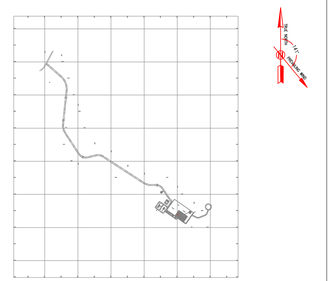
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

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
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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

D01 Totally Revised

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
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.
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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

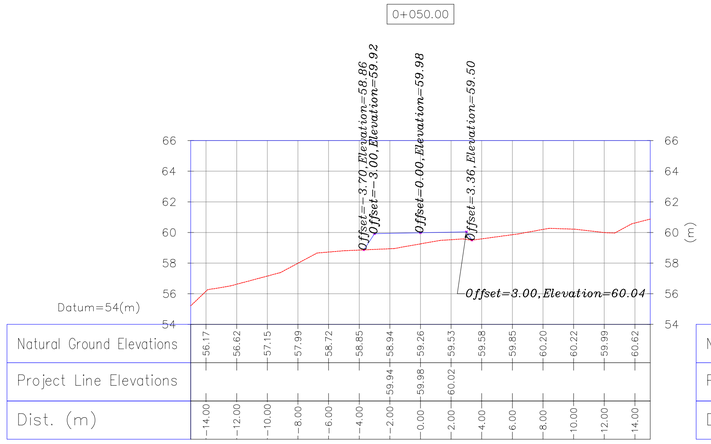
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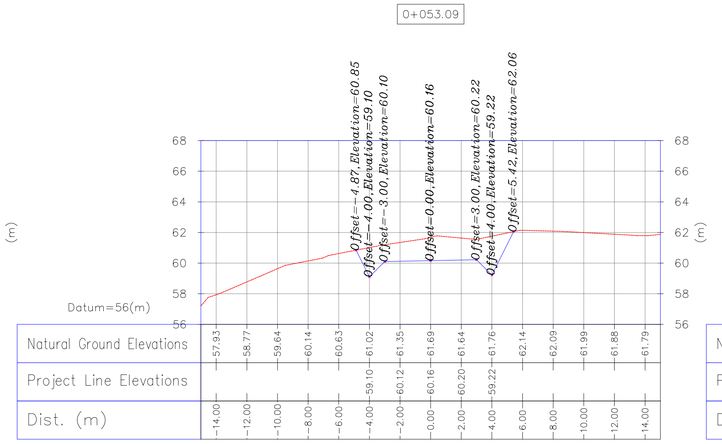
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BURN PIT ROAD TRANSVERSAL SECTIONS KM 0~42.43(m)

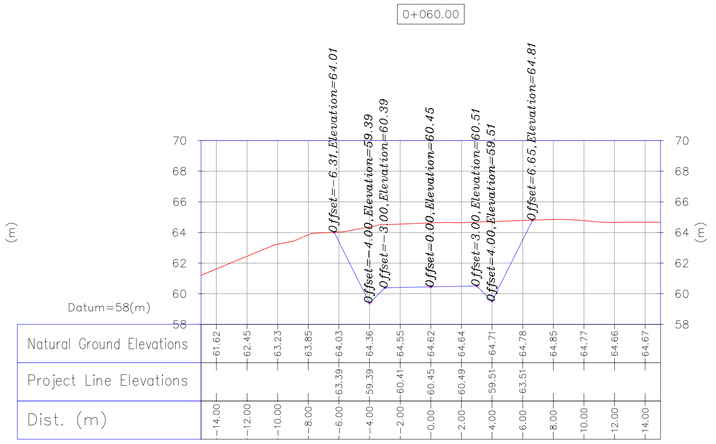
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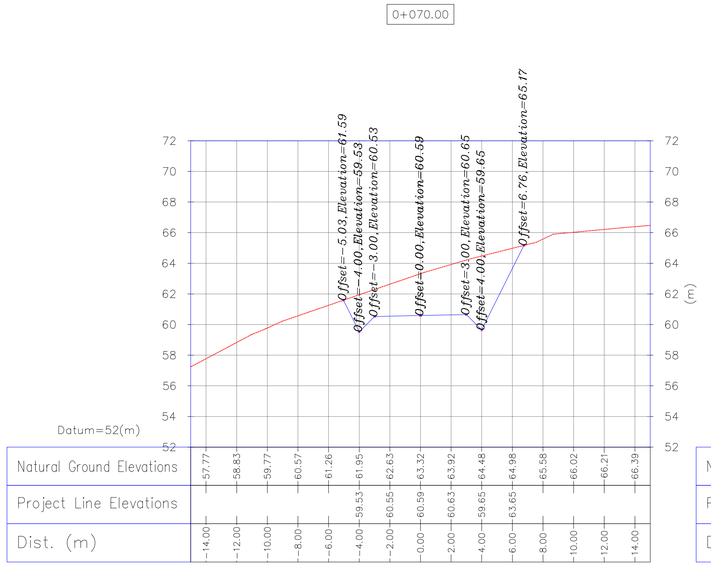
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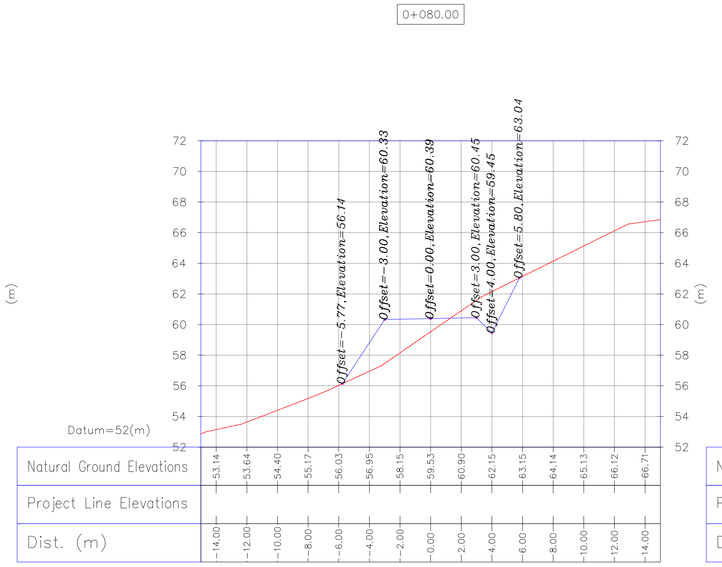
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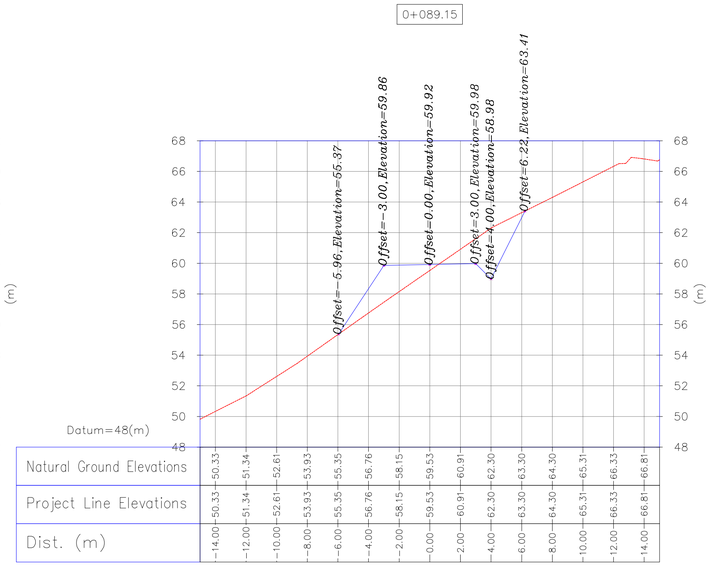


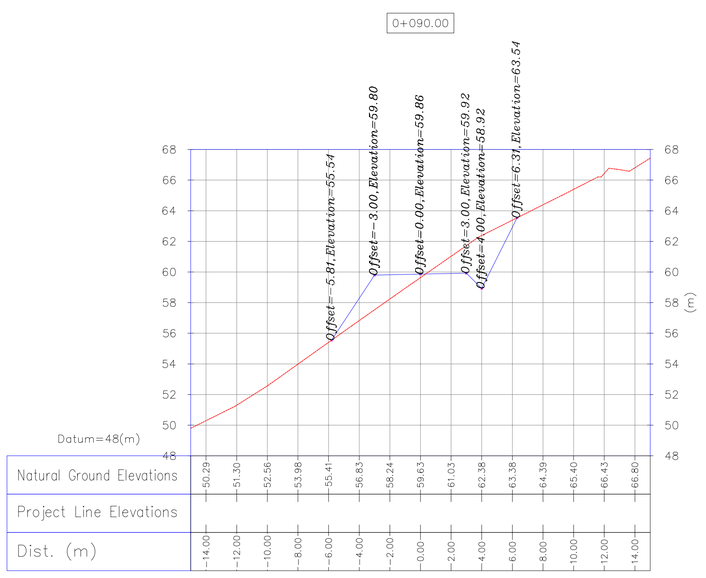












Burn Pit Road Transversal Sections

1:200

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

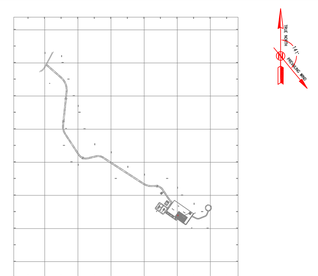
WELL LOCATION
WELL
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CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
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WATER COURSE
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KEY PLAN



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D01 Totally Revised

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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 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

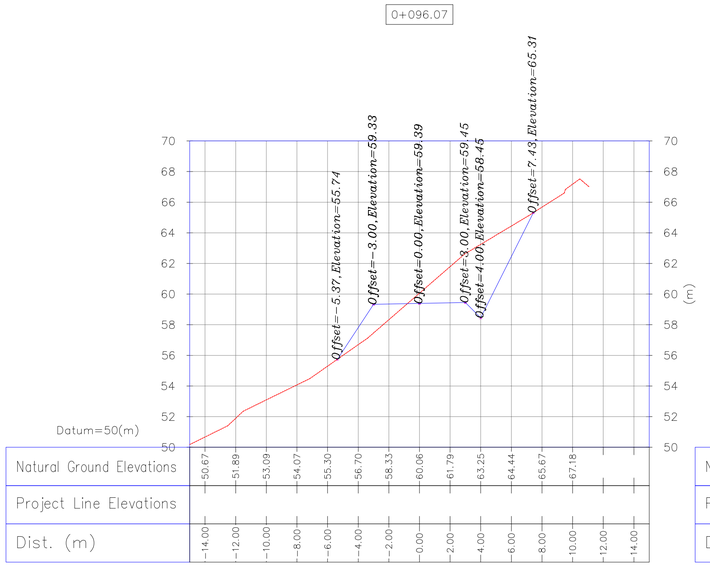
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

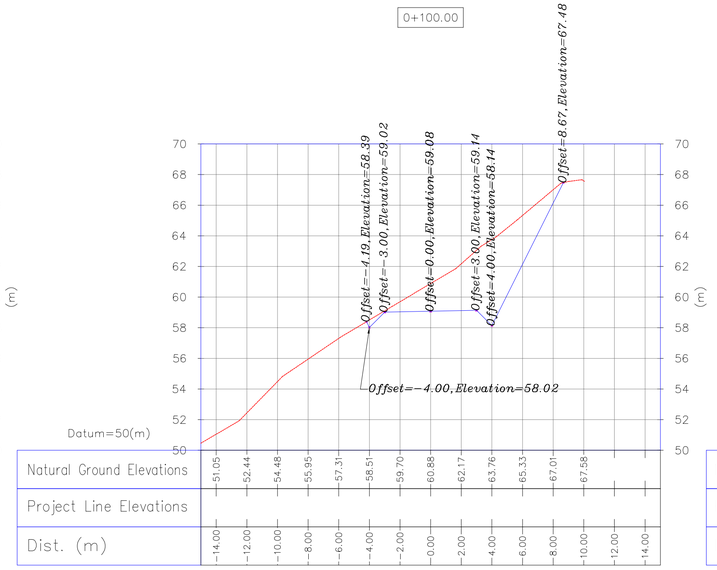
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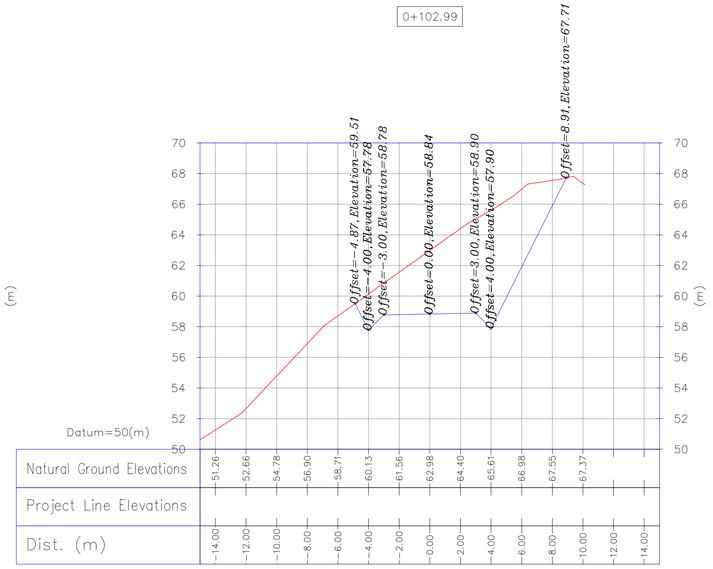
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
BURN PIT ROAD TRANSVERSAL SECTIONS KM 50~78.08(m)

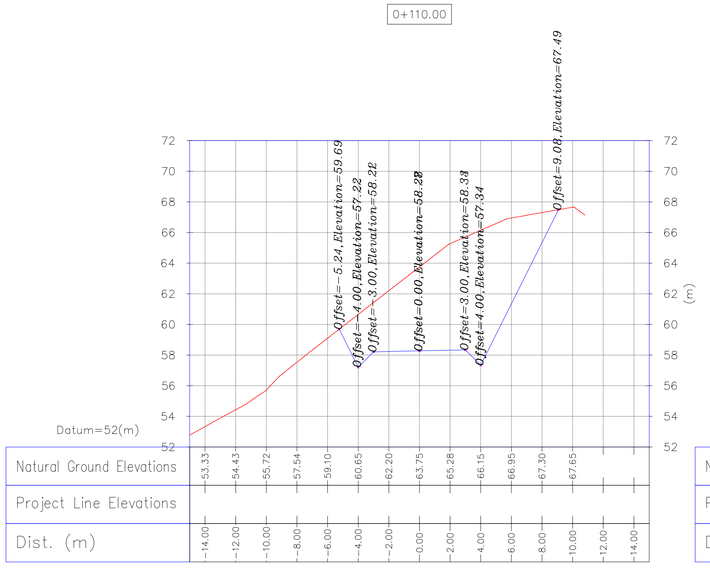
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W046S-PEDCO-110-CV-PY-0002	45 of 47	D01

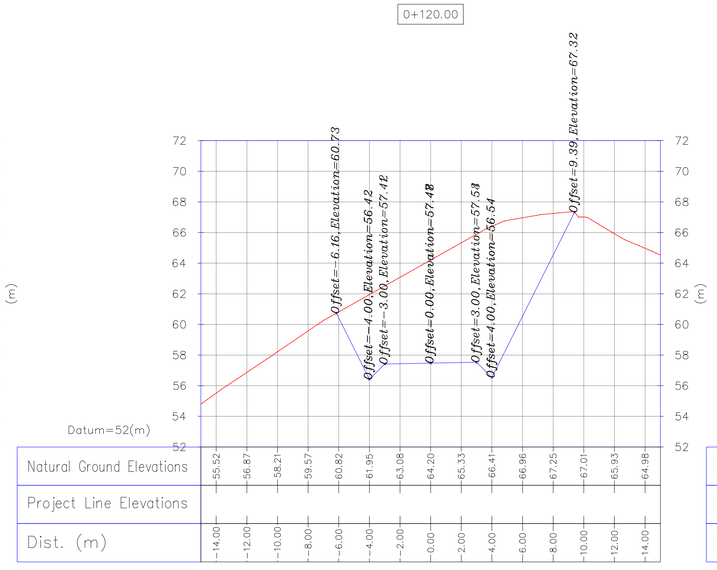
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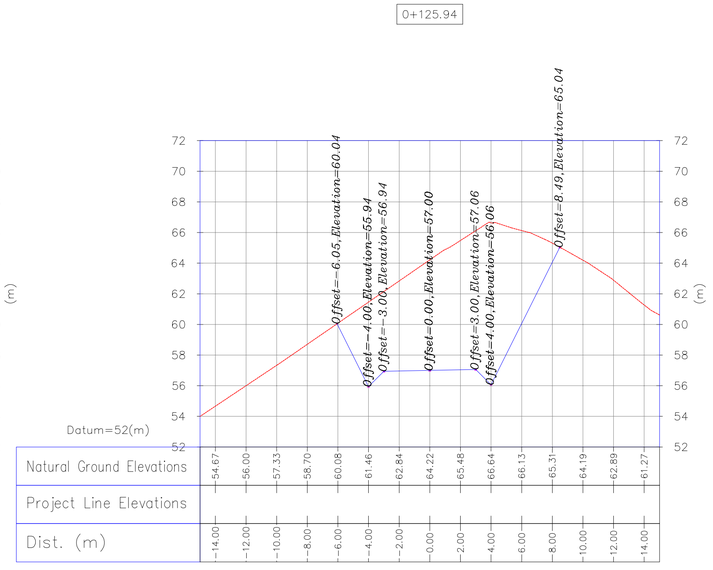












Burn Pit Road Transversal Sections
1:200

Bench Mark List			
Name	Easting(m)	Northing(m)	Elevation(m)
BM46	434828.378	3295176.513	27.976
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GPS3	435475.041	3294403.599	66.867
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NOTES

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

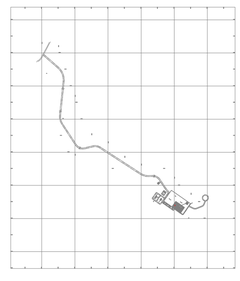
WELL LOCATION
WELL
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SPOT HEIGHT (99.27)
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REFERENCE DRAWING	DRG. No.
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KEY PLAN



D01 Totally Revised

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

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BINAK OILFIELD DEVELOPMENT
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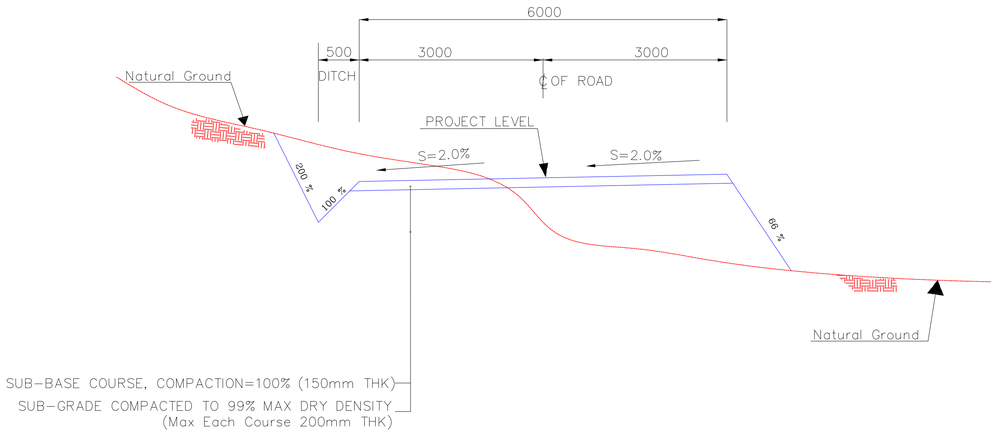
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W046S
BURN PIT ROAD TRANSVERSAL SECTIONS KM 80~110(m)

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 47	D01

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707654	46	D01



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

Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume	Cumulative Fill Vol	Cumulative Cut Vol
0+000.000	0.00	35.37	0.00	0.00	0.00	0.00
0+010.000	0.00	18.04	0.00	267.05	0.00	267.05
0+020.000	0.00	45.87	0.00	319.56	0.00	586.61
0+030.000	4.81	8.05	24.06	269.61	24.06	856.22
0+031.740	7.62	3.69	10.82	10.22	34.88	866.44
0+040.000	22.83	1.49	112.97	24.60	147.85	891.04
0+042.414	21.68	0.00	48.50	2.08	196.35	893.11
0+050.000	4.88	0.00	92.89	0.00	289.24	893.11
0+053.088	0.00	14.38	7.35	22.62	296.59	915.74
0+060.000	0.00	46.71	0.00	211.13	296.59	1126.87
0+070.000	0.00	30.39	0.00	385.51	296.59	1512.38
0+080.000	10.19	5.34	50.95	178.64	347.54	1691.02
0+089.146	7.84	8.13	82.43	61.59	429.97	1752.60
0+090.000	6.95	9.05	5.33	8.86	435.30	1761.46
0+096.070	4.35	18.29	28.72	99.88	464.01	1861.34
0+100.000	0.00	29.39	7.09	111.91	471.10	1973.25
0+102.993	0.00	55.42	0.00	146.97	471.10	2120.22
0+110.000	0.00	69.35	0.00	437.09	471.10	2557.31
0+120.000	0.00	88.29	0.00	788.21	471.10	3345.52
0+125.941	0.00	88.41	0.00	524.93	471.10	3870.45

CUT & FILL VOLUME TABLE(BURN PIT ROAD)

Bench Mark List

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BM46	434828.378	3295176.513	27.976
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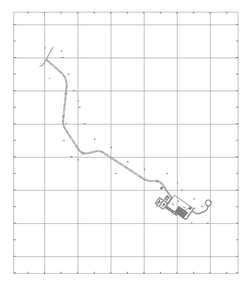
WELL LOCATION
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D01 Totally Revised

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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
BURN PIT ROAD TRANSVERSAL SECTIONS KM 120~125.94(m) & Typical Cut&Fill Cross Section(Burn Pit Road) & Volume Table

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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