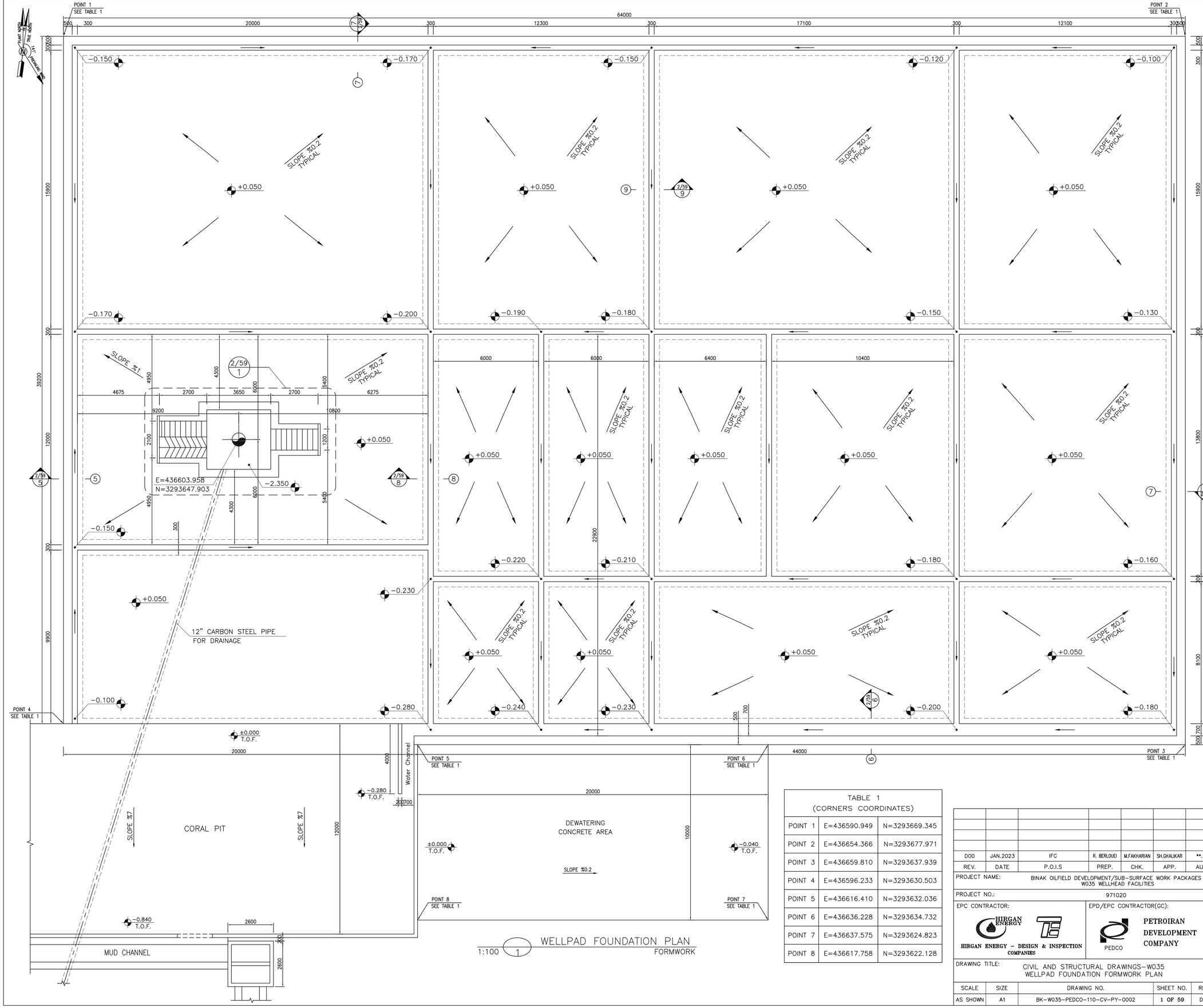


1:100 WELLPAD FOUNDATION PLAN
FORMWORK

TABLE 1
(CORNERS COORDINATES)

POINT 1	E=436590.949	N=3293669.345
POINT 2	E=436654.366	N=3293677.971
POINT 3	E=436659.810	N=3293637.939
POINT 4	E=436596.233	N=3293630.503
POINT 5	E=436616.410	N=3293632.036
POINT 6	E=436636.228	N=3293634.732
POINT 7	E=436637.575	N=3293624.823
POINT 8	E=436617.758	N=3293622.128

NOTES

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

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

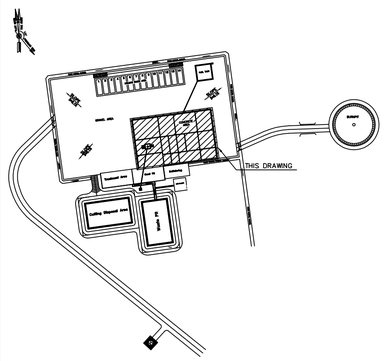
±0.00 = +29.00(R.G.L.)MSL

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

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 -W035	BK-W035-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W035	BK-W035-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
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRAL-PEDCO-000-CV-SP-0002

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D00	JAN.2023	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	** **

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

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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 W035 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
W035 WELLHEAD FACILITIES

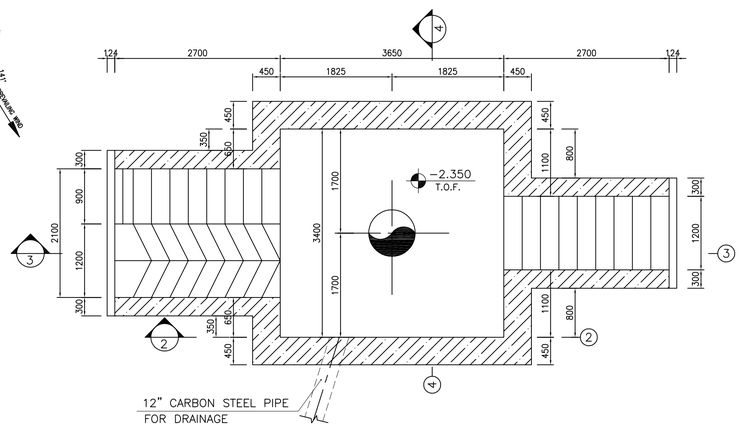
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
WELLPAD FOUNDATION FORMWORK PLAN

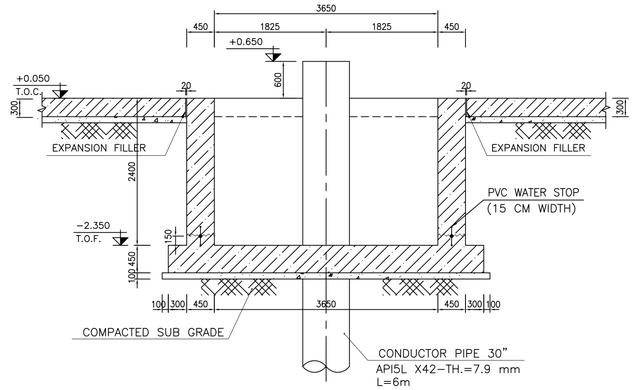
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	1 OF 59	D00

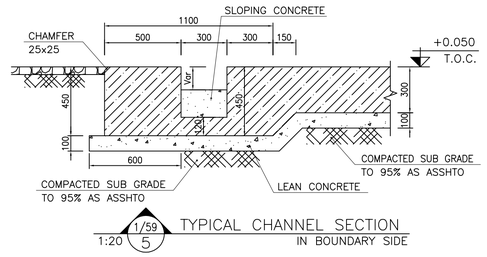
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	1	D00



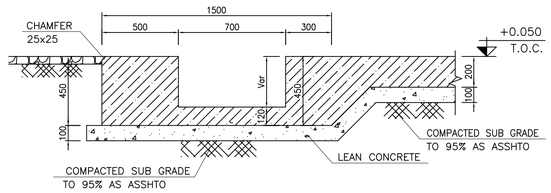
1/59 1:50 (1) Cellar pit formwork plan



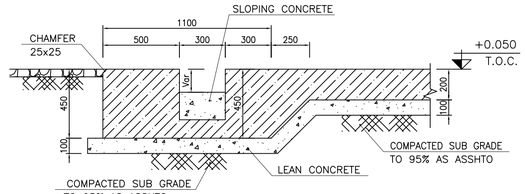
1:50 (2) FORMWORK



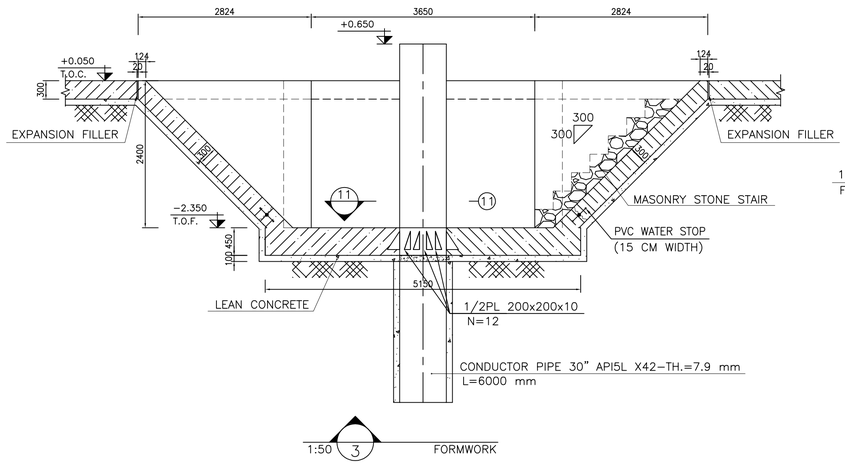
1/59 1:20 (5) TYPICAL CHANNEL SECTION IN BOUNDARY SIDE



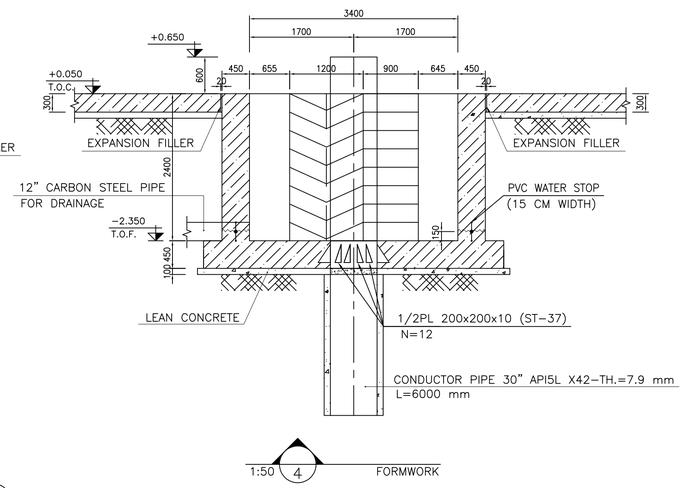
1/59 1:20 (6) TYPICAL CHANNEL SECTION IN BOUNDARY SIDE



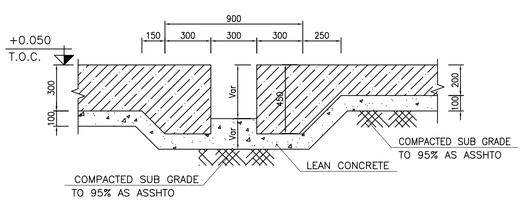
1/59 1:20 (7) TYPICAL CHANNEL SECTION IN BOUNDARY SIDE



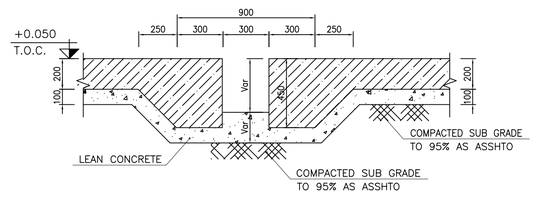
1:50 (3) FORMWORK



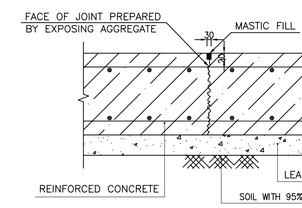
1:50 (4) FORMWORK



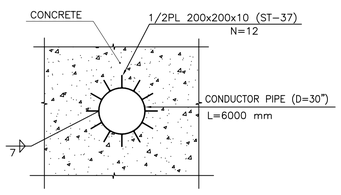
1/59 1:20 (8) TYPICAL CHANNEL SECTION IN MIDDLE SIDE



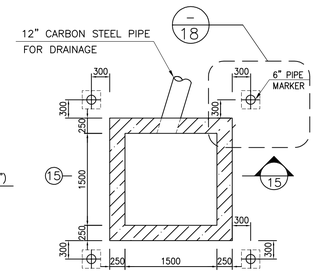
1/59 1:20 (9) TYPICAL CHANNEL SECTION IN MIDDLE SIDE



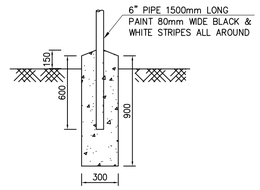
N.T.S. (10) TYPICAL DETAIL OF WATER STOP



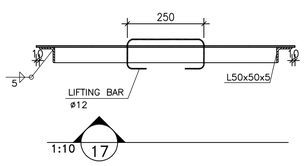
1:50 (11)



1/59 1:50 (14) DRAIN PIT FORMWORK PLAN

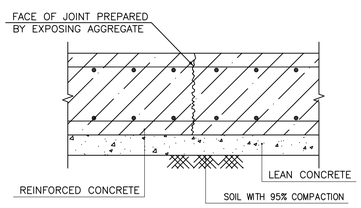


− 1:25 (18) DETAIL OF MARKERS

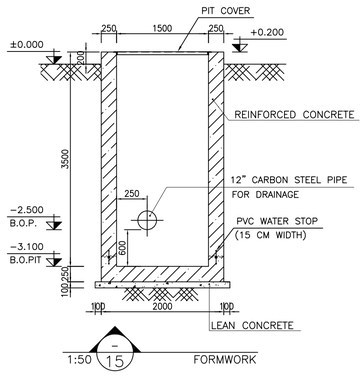


1:10 (17)

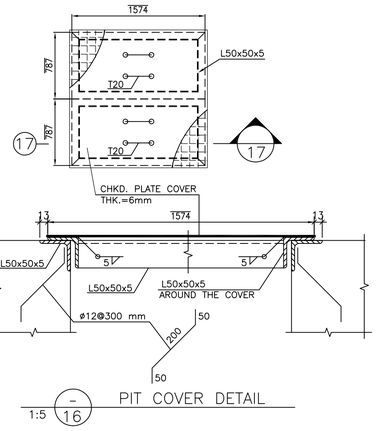
N.T.S. (12) TYPICAL CONTRACTION JOINT EVERY 6000



N.T.S. (13) TYPICAL CONSTRUCTION JOINT



1:50 (15) FORMWORK



1:5 (16) PIT COVER DETAIL

NOTES

1- ALL COORDINATES ARE IN METER.
2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
4-ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(ON CYLINDRICAL SPECIMEN)
5-ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(ON CYLINDRICAL SPECIMEN)
6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm^2
7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR,
BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm
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 = +29.00(R.G.L.)MSL

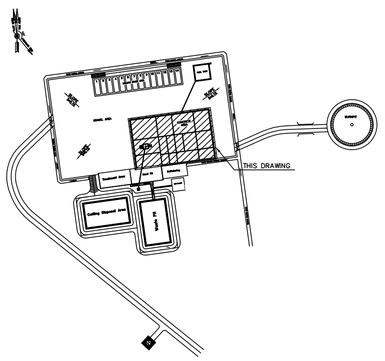
LEGEND AND ABBREVIATION

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

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 -W035	BK-W035-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W035	BK-W035-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
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRAL-PEDCO-000-CV-SP-0002

KEY PLAN



REV.	DESCRIPTION	CHECKED		REV. APPR.	
		BY	DATE	BY	DATE
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

أصل و كليه نسخ أين نقشه و حق اقتباس متعلق به شركت ملى مناطق نفت خيز جنوب ميباشد.
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 W035 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
W035 WELLHEAD FACILITIES

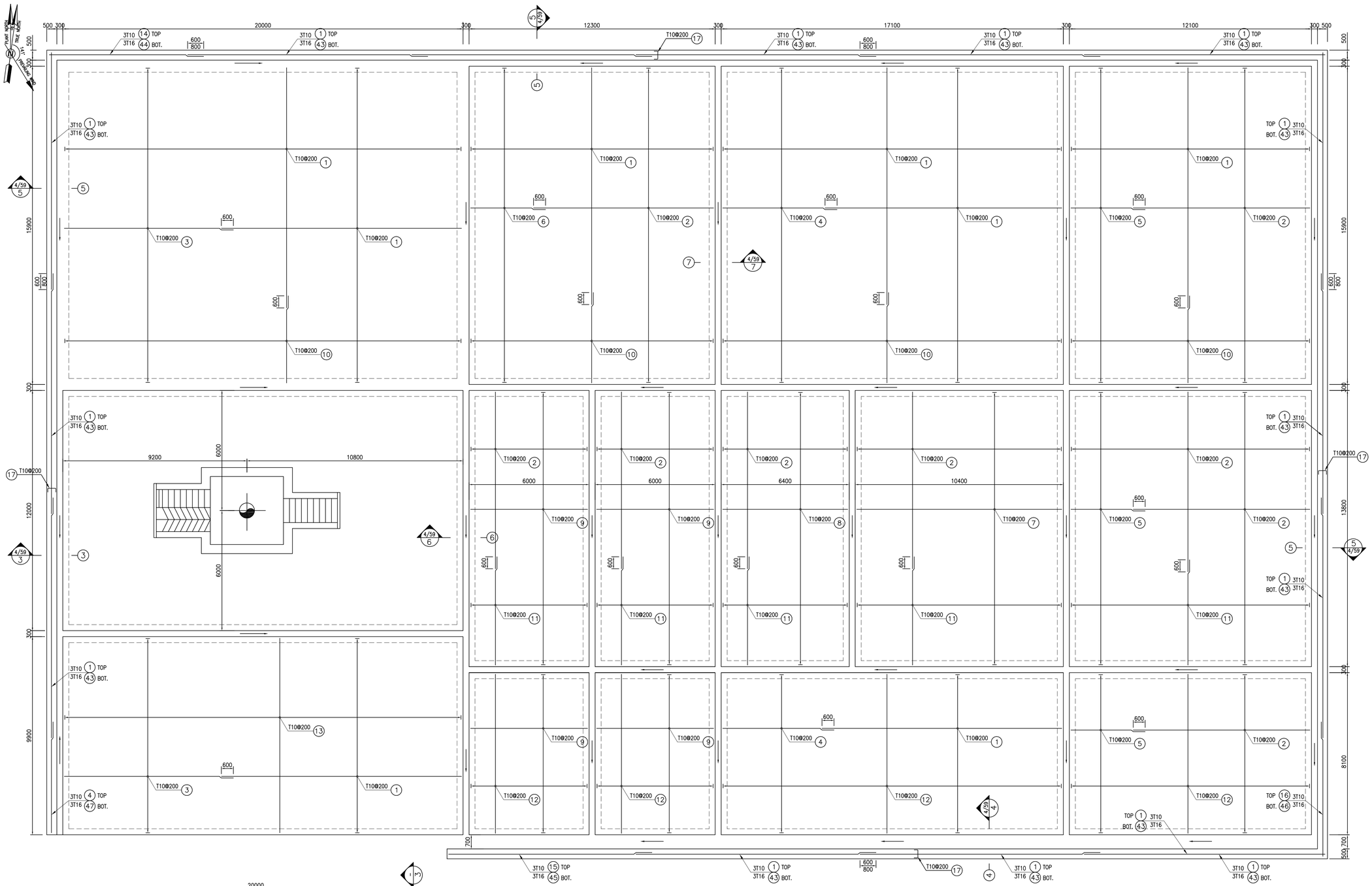
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
WELLPAD AND RIG FOUNDATION DETAILS & SECTIONS

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

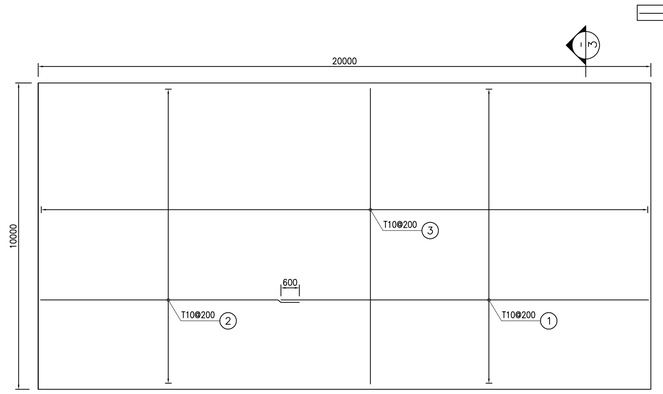
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	2 OF 59	D00

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	2	D00



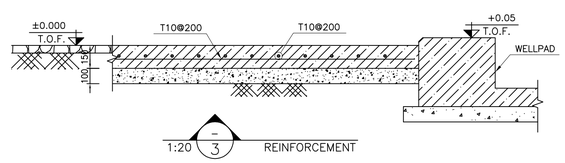
WELLPAD FOUNDATION PLAN REINFORCEMENT

1:100 (1)



DEWATERING FORMWORK & REINFORCEMENT PLAN

1:100 (2)



REINFORCEMENT

1:20 (3)

NOTES

1- ALL COORDINATES ARE IN METER.

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

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

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

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

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

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

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

9-JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS.

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

11-GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:

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

±0.00 = +29.00(R.G.L.)MSL

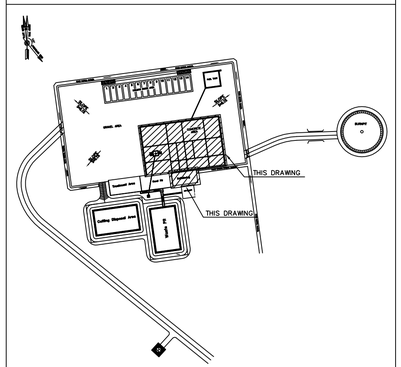
LEGEND AND ABBREVIATION

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

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 -W035	BK-W035-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W035	BK-W035-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
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRAL-PEDCO-000-CV-SP-0002

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D00	JAN.2023	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 W035 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-W035
WELLPAD FOUNDATION REINFORCEMENT PLAN

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	3 OF 59	D00

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

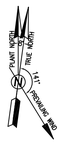
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

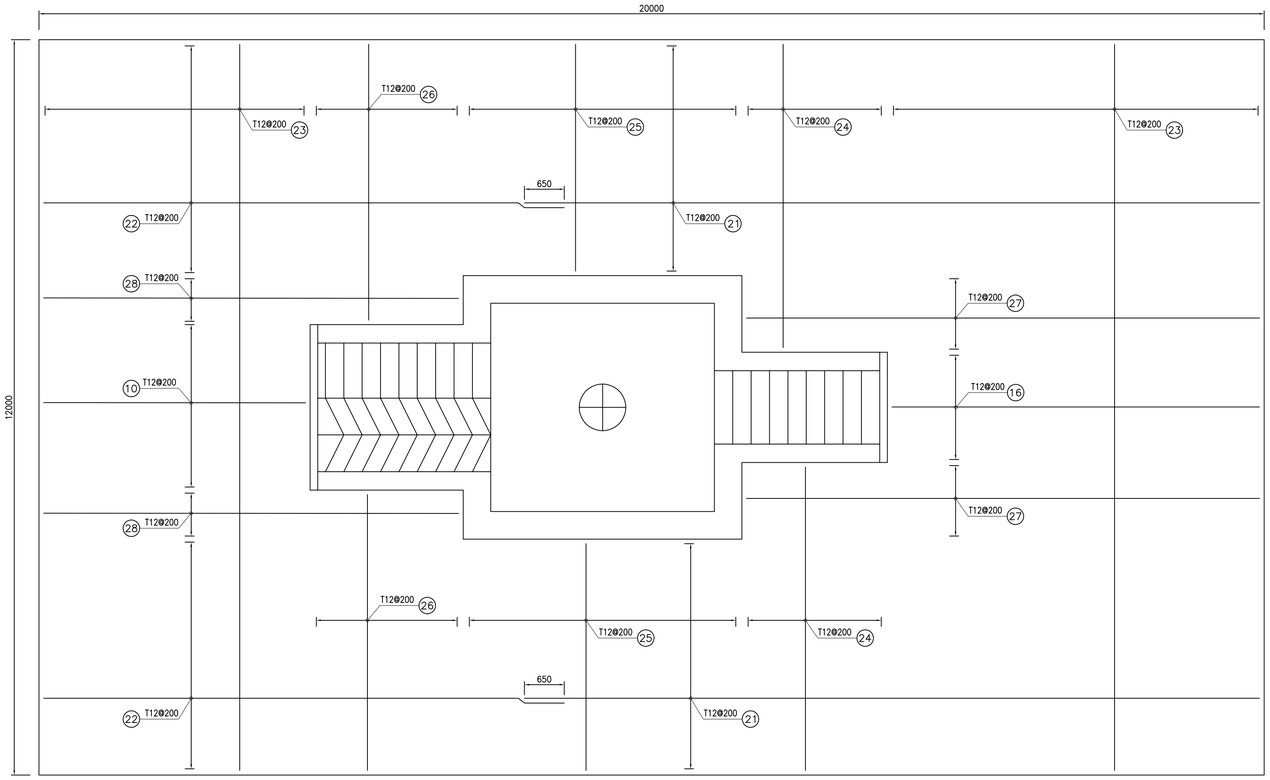
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

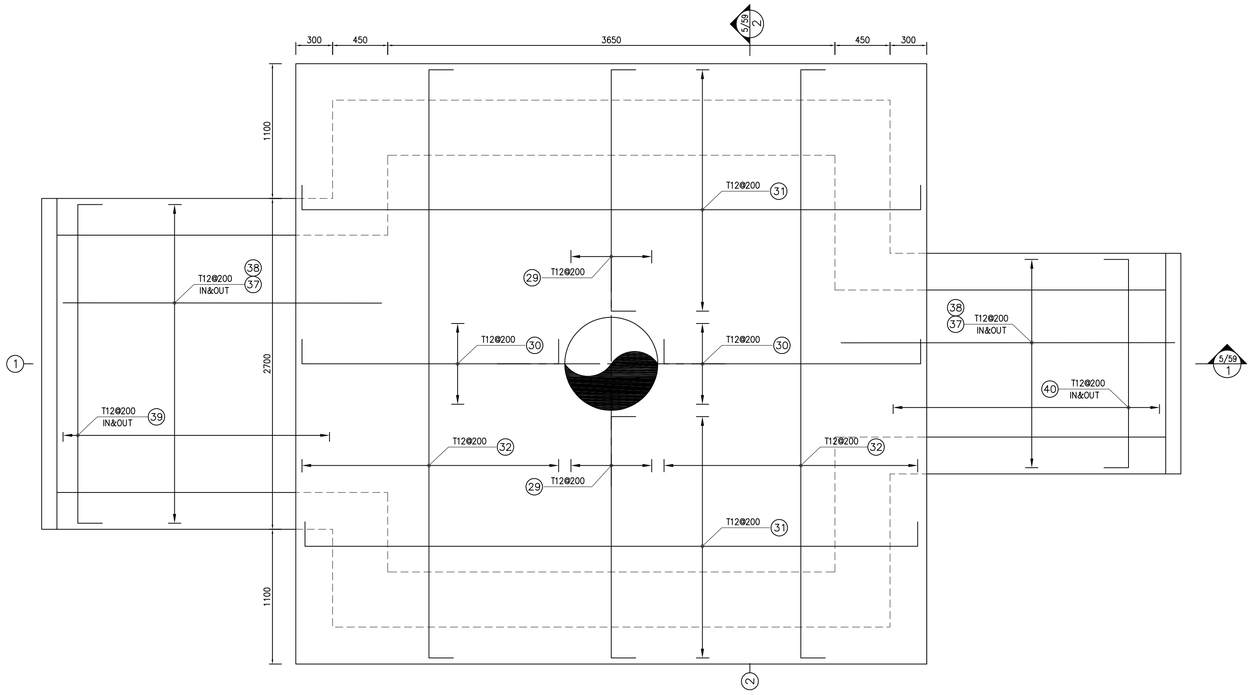
APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	3	D00

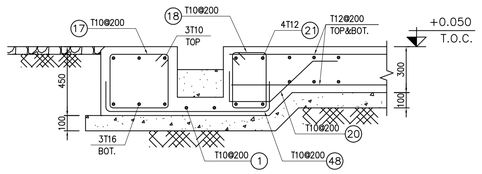




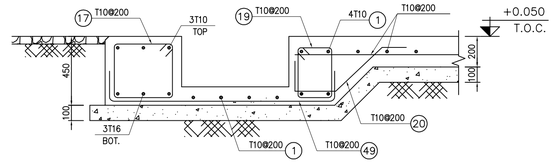
RIG FOUNDATION REINFORCEMENT PLAN
1:50 (1)
TOP & BOTTOM



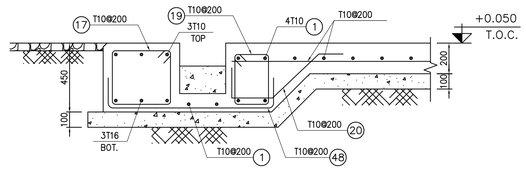
CELLAR PIT FOUNDATION REINFORCEMENT PLAN
1:25 (-/2)
TOP & BOTTOM



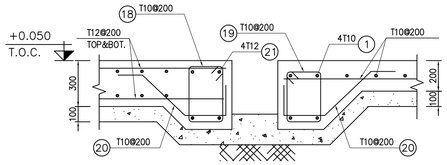
TYPICAL CHANNEL SECTION
1:20 (3/59 3) IN BOUNDARY SIDE



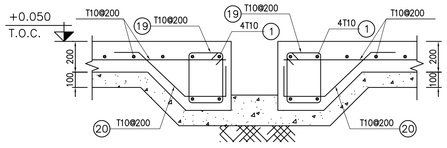
TYPICAL CHANNEL SECTION
1:20 (3/59 4) IN BOUNDARY SIDE



TYPICAL CHANNEL SECTION
1:20 (3/59 5) IN BOUNDARY SIDE



TYPICAL CHANNEL SECTION
1:20 (3/59 6) IN MIDDLE SIDE



TYPICAL CHANNEL SECTION
1:20 (3/59 7) IN MIDDLE SIDE

NOTES

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

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

±0.00 = +29.00(R.G.L.)MSL

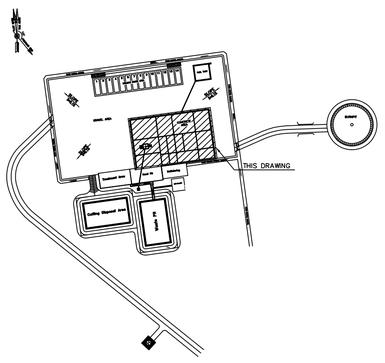
LEGEND AND ABBREVIATION

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

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 -W035	BK-W035-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W035	BK-W035-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
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRAL-PEDCO-000-CV-SP-0002

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D00	JAN.2023	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 W035 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.
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
W035 WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
RIG AND CELLAR FOUNDATION REINFORCEMENT-SECTIONS

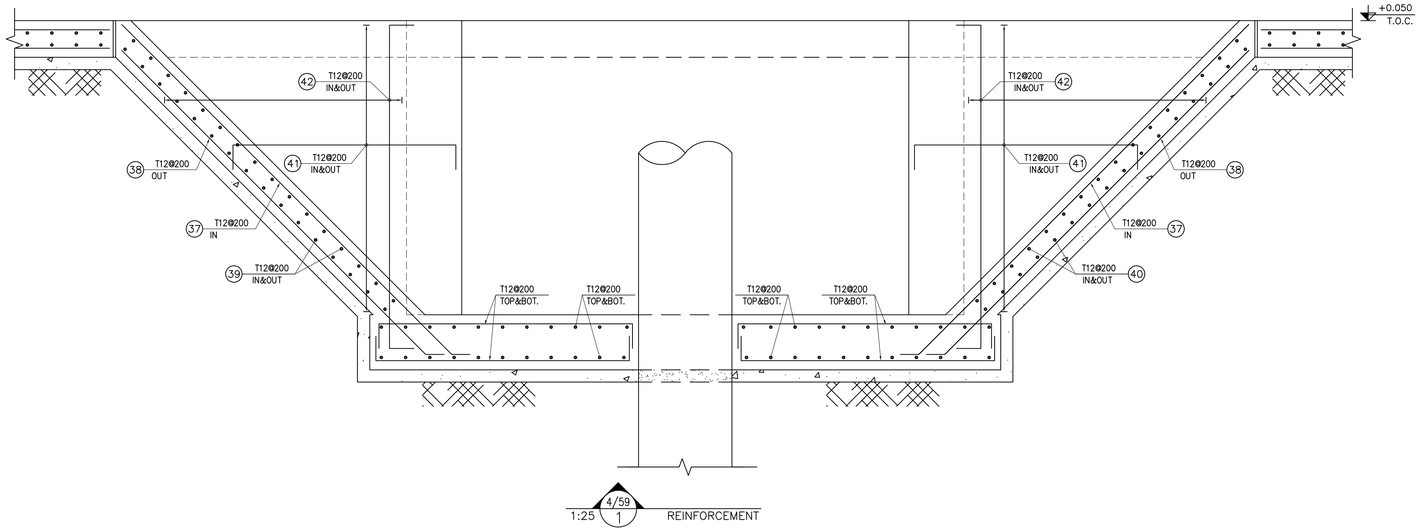
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION | BY: | DATE:

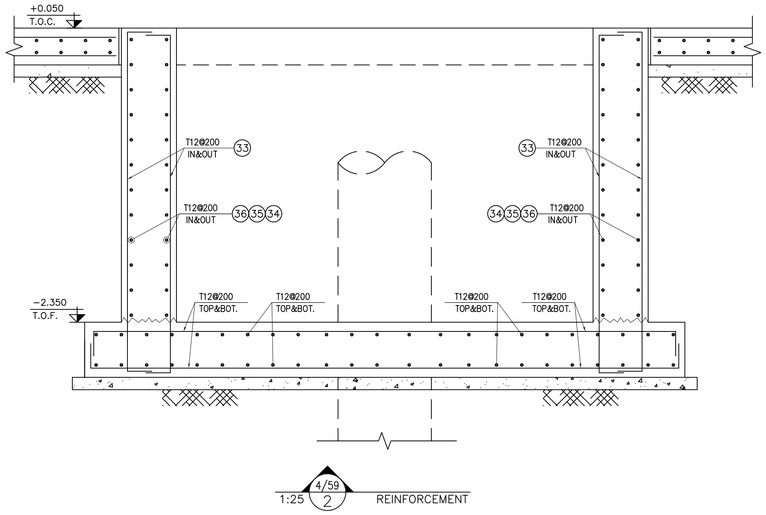
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	4 OF 59	D00

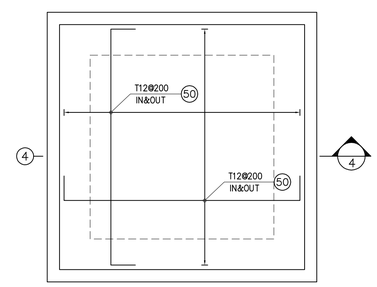
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	4	D00

BAR BENDING SCHEDULE – WELLPAD & CELLAR

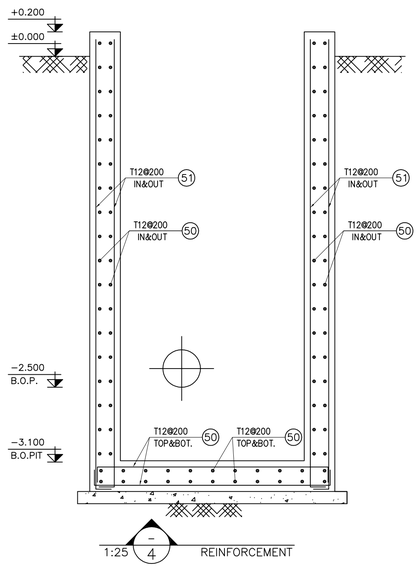
Pos	Spec.	Shape	L/A	No.	T10	T12	T16
1	T10	12000	12.00	775	9300.00		
2	T10	9000	9.00	478	4302.00		
3	T10	8450	8.45	130	1098.50		
4	T10	5550	5.55	124	688.20		
5	T10	3550	3.55	191	670.05		
6	T10	3750	3.75	80	300.00		
7	T10	10250	10.25	70	717.50		
8	T10	6250	6.25	70	737.50		
9	T10	5850	5.85	222	1298.70		
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	3	20.55		
15	T10	9650	9.65	3	28.95		
16	T10	6000	6.00	23	136.00		
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	88		1056.00	
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	
43	T16	12000	12.00	42			504.00
44	T16	7850	7.85	3			23.55
45	T16	10200	10.20	3			30.60
46	T16	6600	6.60	3			19.80
47	T16	5500	5.50	3			16.50
48	T10	150 / 950 / 150	1.25	710	887.50		
49	T10	150 / 1350 / 150	1.65	220	363.00		
50	T12	150 / 1850 / 150	2.15	188		404.20	
51	T12	150 / 3600	3.75	76		285.00	
TOTAL LENGTH OR AREA (m/m2)					32656.25	6347.20	594.45
UNIT WEIGTH (Kg)					0.617	0.888	1.578
WEIGTH (Kg)					20148.91	5636.32	938.05
GRAND TOTAL (Kg)					26800		







1:25 – 3 DRAIN PIT REINFORCEMENT PLAN



1:25 – 4 REINFORCEMENT

BAR BENDING SCHEDULE – DEWATERING

Pos	Spec.	Shape	L/A	No.	T10
1	T10	12000	12.00	49	588.0
2	T10	8450	8.45	49	414.1
3	T10	9650	9.65	100	965
TOTAL LENGTH OR AREA (m/m2)					1967.1
UNIT WEIGTH (Kg)					0.617
WEIGTH (Kg)					1213.70
GRAND TOTAL (Kg)					1214

NOTES

1– ALL COORDINATES ARE IN METER.
2– ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
3– ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
4–ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK–GNRL–PEDCO–000–ST–SP–0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(ON CYLINDRICAL SPECIMEN)
5–ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK–GNRL–PEDCO–000–ST–SP–0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(ON CYLINDRICAL SPECIMEN)
6– REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm^2
7– MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
8– SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR,
BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1–5.1 gr/cm³
THICKNESS : 300–400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
9–JOINT SEALANT MATERIALS SHALL BE WETHER–RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS–4254 FOR VERTICAL JOINTS IN WALLS.
10–CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
11–GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL

±0.00 = +29.00(R.G.L.)MSL

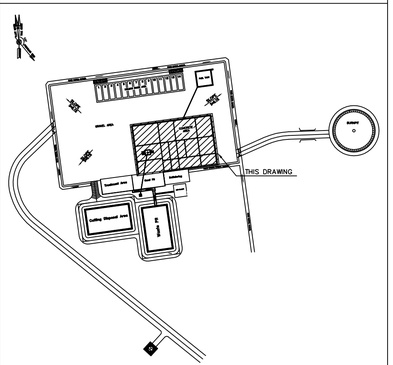
LEGEND AND ABBREVIATION

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

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 –W035	BK–W035–PEDCO–110–CV–PY–0001
ROUGH GRADING PLANS –W035	BK–W035–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
SPECIFICATION FOR EARTH WORK	BK–GNRAL–PEDCO–000–CV–SP–0004
SPECIFICATION FOR ROAD & PAVING	BK–GNRAL–PEDCO–000–CV–SP–0002

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
***	**********	**.**	***.****	**.**	***.****
		CHECKED		REV. APPR.	
D00	JAN.2023	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 W035 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–W035 RIG AND CELLAR SECTIONS – LISTOFER

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK–W035–PEDCO–110–CV–PY–0002	5 OF 59	D00

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

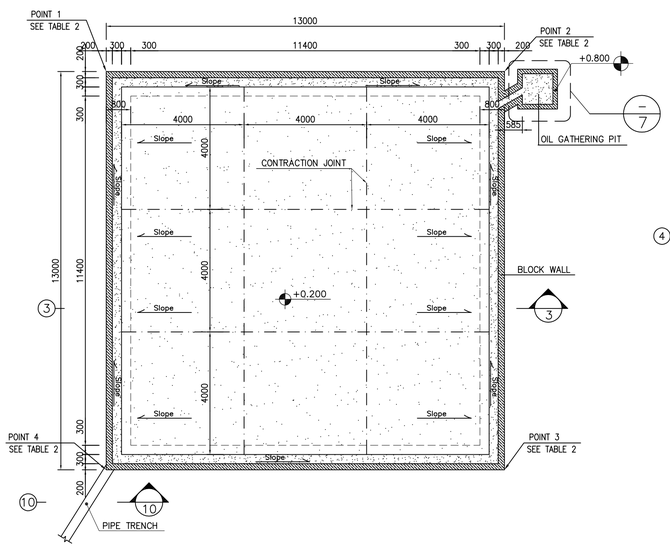
BINAK OILFIELD DEVELOPMENT
SUB–SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

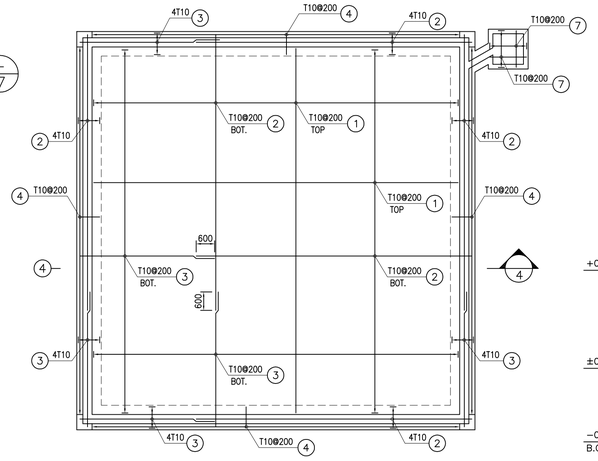
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053–073–9184	F	4	S	707778	5	D00

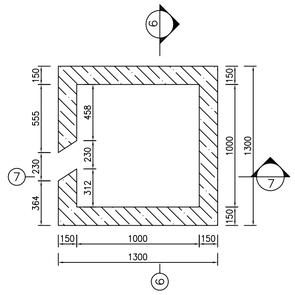
PLANE NORTH
TRUE NORTH
141° 29'00.00" GRID



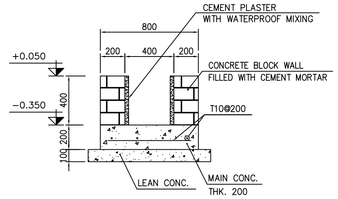
1:100 (1) GAS OIL STORAGE FOUNDATION FORMWORK



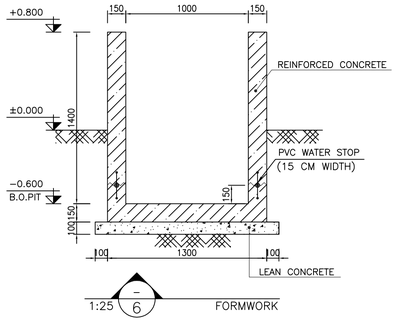
1:100 (2) GAS OIL STORAGE FOUNDATION REINFORCEMENT



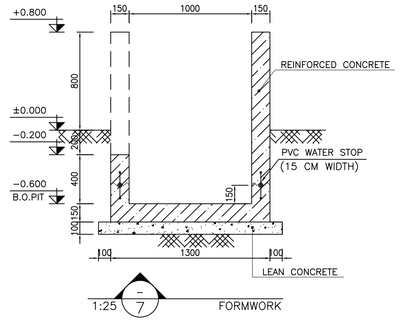
1:25 (5) OIL GATHERING PIT



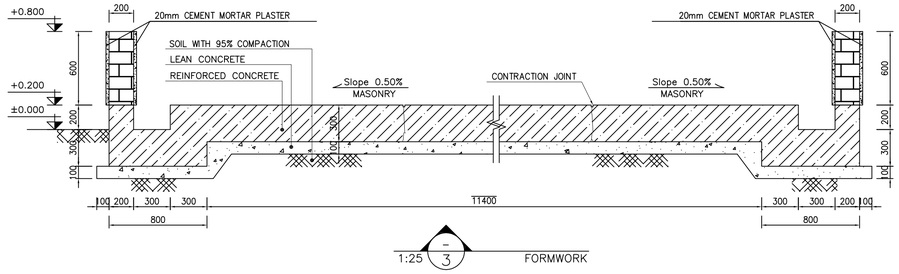
1:25 (10) TYPICAL SECTION OF PIPE TRENCH



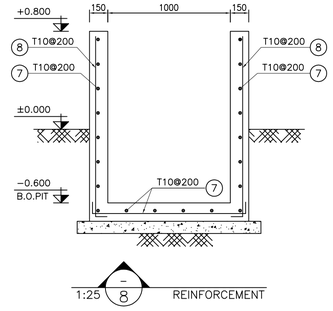
1:25 (6) FORMWORK



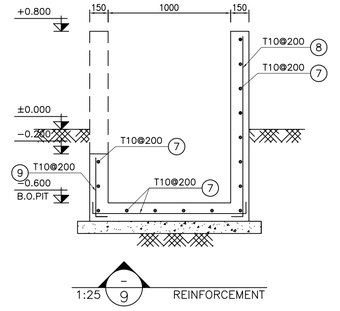
1:25 (7) FORMWORK



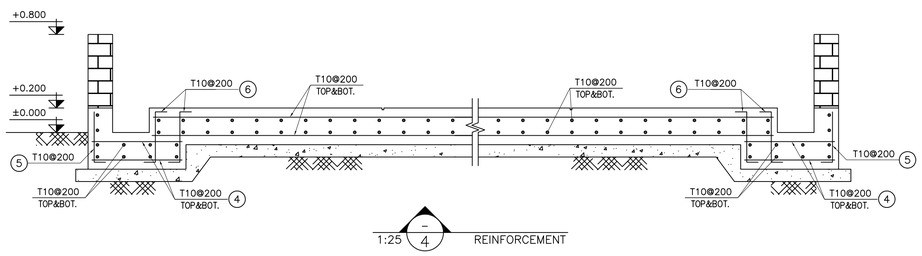
1:25 (3) FORMWORK



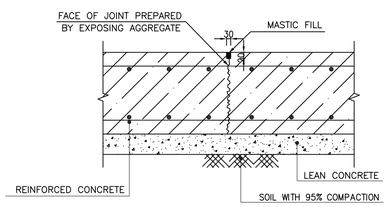
1:25 (8) REINFORCEMENT



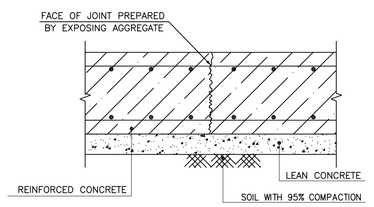
1:25 (9) REINFORCEMENT



1:25 (4) REINFORCEMENT



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



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

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	150 1150 150	1.45	35	50.75
8	T10	150 1400	1.55	34	52.70
9	T10	150 400	0.55	14	7.70
TOTAL LENGTH OR AREA (m)					4185.40
UNIT WEIGTH (Kg/m)					0.617
WEIGTH (Kg)					2582.40
GRAND TOTAL (Kg)					2590

TABLE 2 (CORNERS COORDINATES)		
POINT 1	E=436641.587	N=3293712.564
POINT 2	E=436654.468	N=3293714.316
POINT 3	E=436656.220	N=3293701.435
POINT 4	E=436643.339	N=3293699.683

NOTES

1- ALL COORDINATES ARE IN METER.
2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
4-ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(ON CYLINDRICAL SPECIMEN)
5-ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(ON CYLINDRICAL SPECIMEN)
6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm^2
7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR,
BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm
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 = +29.00(R.G.L.)MSL

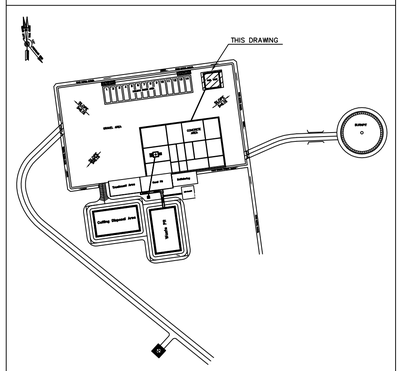
LEGEND AND ABBREVIATION

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

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 –W035	BK-W035-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS –W035	BK-W035-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
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRAL-PEDCO-000-CV-SP-0002

KEY PLAN



REV.	DATE	DESCRIPTION	BY	CHECKED	APPR.
***	**********		**.**	***.****	***.****
D00	JAN.2023	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 W035 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
W035 WELLHEAD FACILITIES

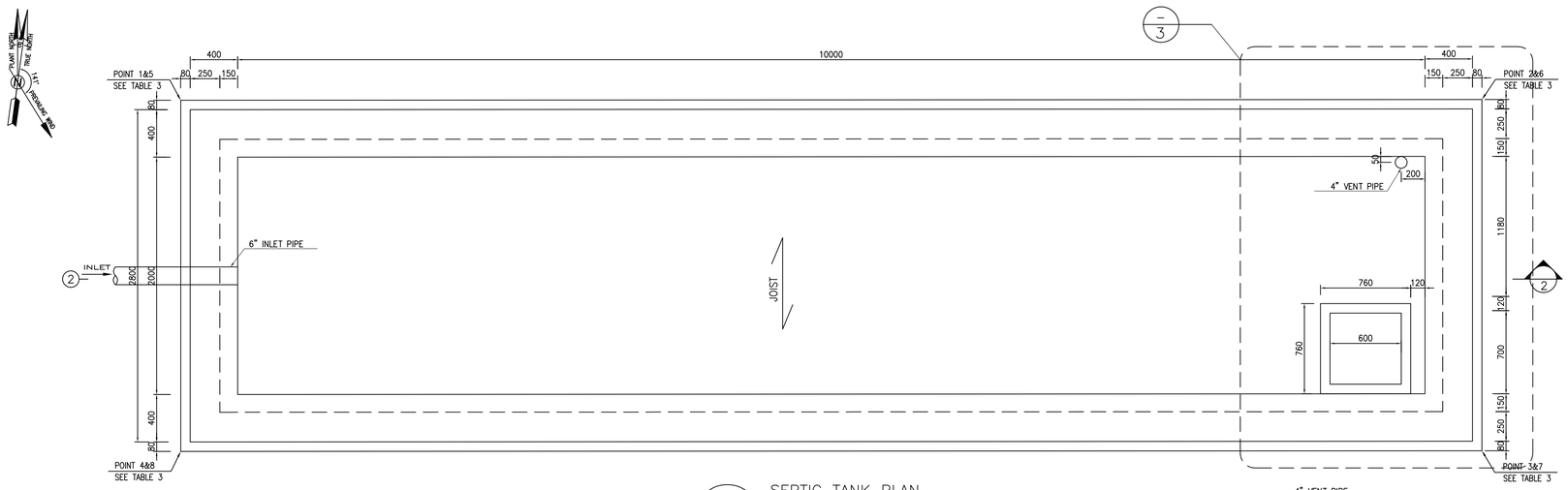
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

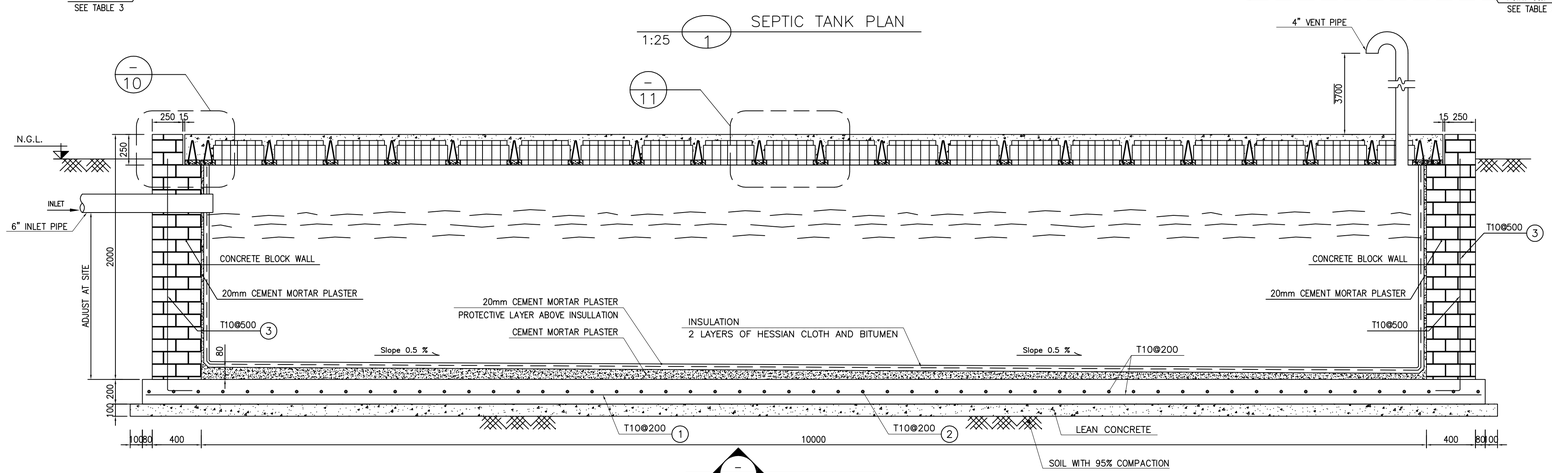
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS–W035
GAS OIL PAD FORMWORK & REINFORCEMENT PLAN–SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	6 OF 59	D00

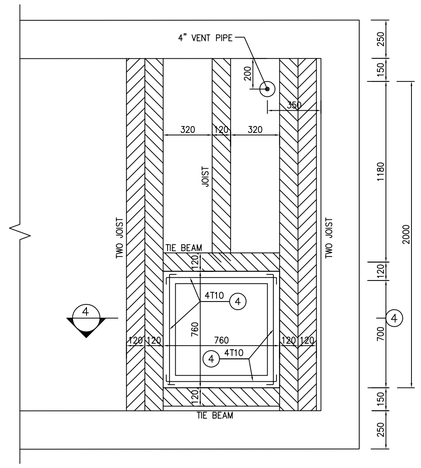
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	6	D00



SEPTIC TANK PLAN
1:25 (1)



FORMWORK REINFORCEMENT
1:25 (2)



1:20 (3)

TABLE 3 (CORNERS COORDINATES)		
POINT 1	E=436620.772	N=3293713.649
POINT 2	E=436631.632	N=3293715.126
POINT 3	E=436632.029	N=3293712.192
POINT 4	E=436621.169	N=3293710.716
POINT 5	E=436560.502	N=3293705.452
POINT 6	E=436571.362	N=3293706.928
POINT 7	E=436571.759	N=3293703.995
POINT 8	E=436560.899	N=3293702.518

NOTES

1- ALL COORDINATES ARE IN METER.
2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
4-ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(ON CYLINDRICAL SPECIMEN)
5-ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(ON CYLINDRICAL SPECIMEN)
6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm^2
7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR,
BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm3
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
9-JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS.
10-CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
11-GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL

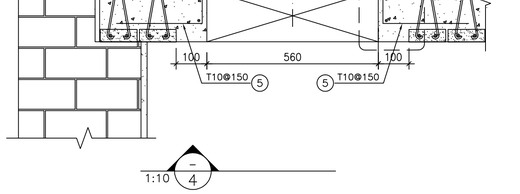
±0.00 = +29.00(R.G.L.)MSL

LEGEND AND ABBREVIATION

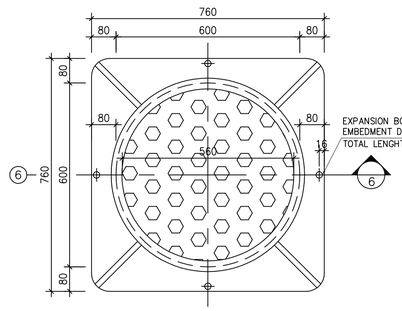
REINFORCED CONCRETE
LEAN CONCRETE
CEMENT BLOCK WALL
GRAVEL
SUB GRADE
SLOPE

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

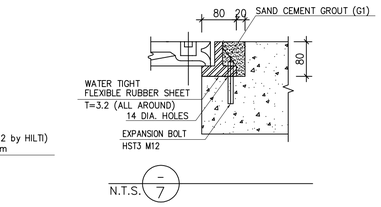
REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT -W035	BK-W035-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W035	BK-W035-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
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRAL-PEDCO-000-CV-SP-0002



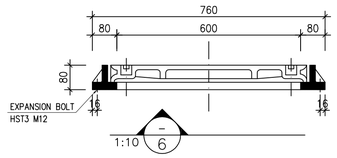
1:10 (4)



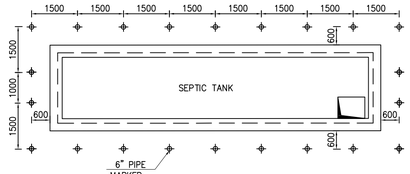
DUCTILE IRON DETAIL (5)
1:10
HEAVY DUTY DUCTILE IRON COATED FLAT COVERS AND FRAMES



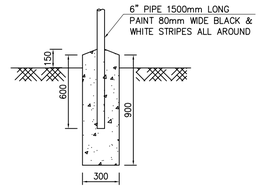
N.T.S. (7)



1:10 (6)

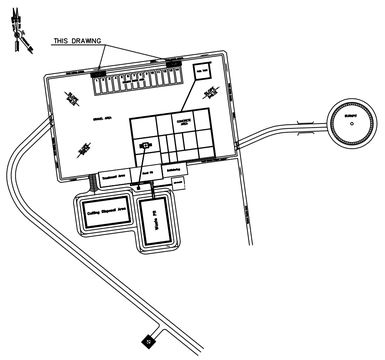


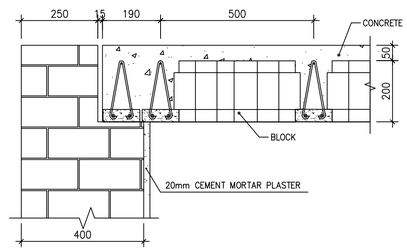
ARRANGMENT OF MARKERS
1:100 (8)



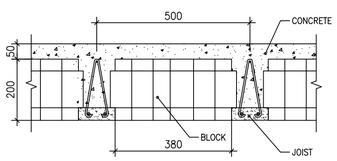
DETAIL OF MARKERS
1:25 (9)

KEY PLAN

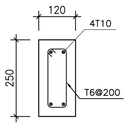




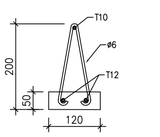
1:10 (10)



1:10 (11)



TYPICAL SEC. OF TIE BEAM
1:10 (12)



JOIST DETAIL
1:10 (13)

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
4	T10	150 600 150	0.90	8	7.20
5	T10	90 280 280	0.65	20	13.0
TOTAL LENGTH OR AREA (m/m2)					336.20
UNIT WEIGTH (Kg)					0.617
WEIGTH (Kg)					207.44
GRAND TOTAL (Kg)					210

REV.	DESCRIPTION	BY	DATE	BY	DATE
***	**********	**.**	***.****	**.**	***.****
		CHECKED		REV. APPR.	
D00	JAN.2023	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

احل 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 W035 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
W035 WELLHEAD FACILITIES

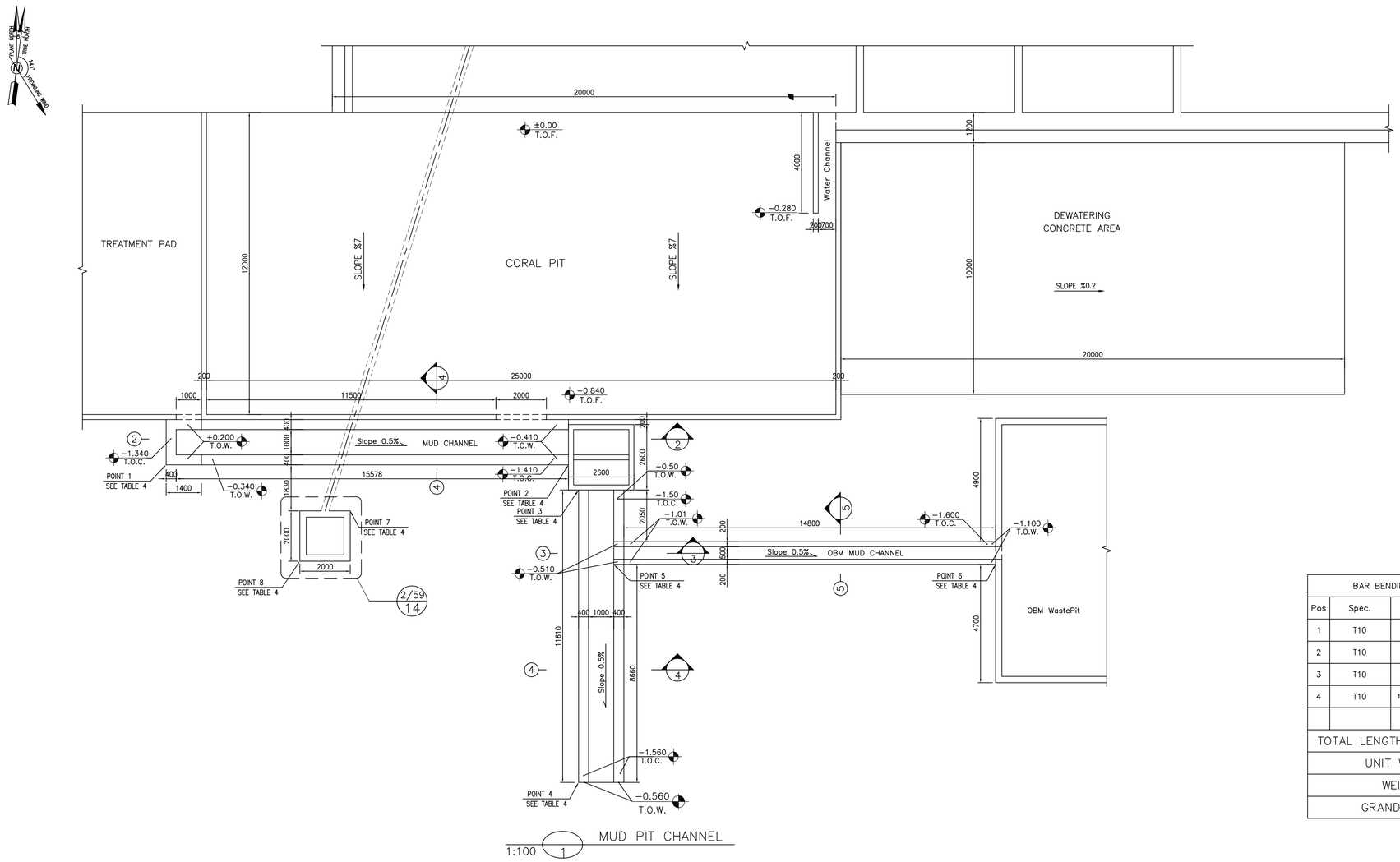
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
SEPTIC TANK FORMWORK & REINFORCEMENT PLAN-SECTION

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

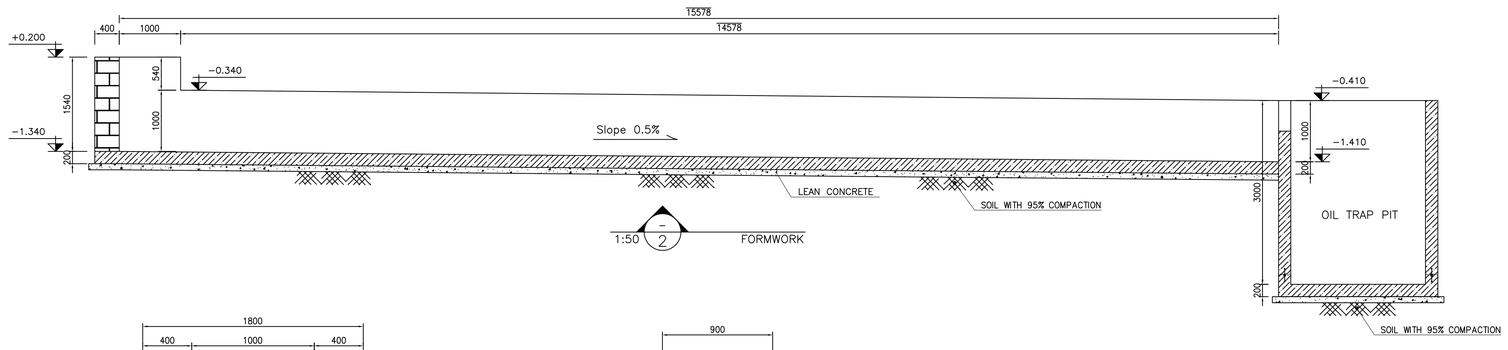
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	7 OF 59	D00

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	7	D00

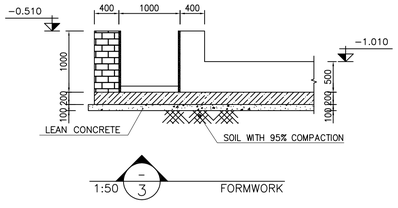


MUD PIT CHANNEL

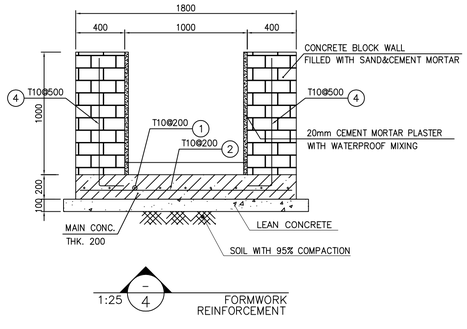
1:100 (1)



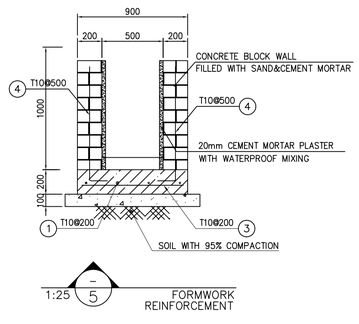
1:50 (2) FORMWORK



1:50 (3) FORMWORK



1:25 (4) FORMWORK REINFORCEMENT



1:25 (5) FORMWORK REINFORCEMENT

TABLE 4 (CORNERS COORDINATES)		
Point 1	E=436591.580	N=3293615.741
Point 2	E=436607.412	N=3293617.895
Point 3	E=436607.943	N=3293616.958
Point 4	E=436609.509	N=3293605.449
Point 5	E=436609.728	N=3293614.221
Point 6	E=436624.754	N=3293616.265
Point 7	E=436599.070	N=3293614.917
Point 8	E=436597.358	N=3293612.665

BAR BENDING SCHEDULE – SEPTIC TANK					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	12000	12.00	27	324.00
2	T10	1650	1.65	140	231.00
3	T10	750	0.75	75	56.25
4	T10	150 1050	1.20	85	102.00
TOTAL LENGTH OR AREA (m/m2)					713.25
UNIT WEIGTH (Kg)					0.617
WEIGTH (Kg)					440.07
GRAND TOTAL (Kg)					450

NOTES

1- ALL COORDINATES ARE IN METER.

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

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

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

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

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

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

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

9-JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS.

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

11-GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL

±0.00 = +29.00(R.G.L.)MSL

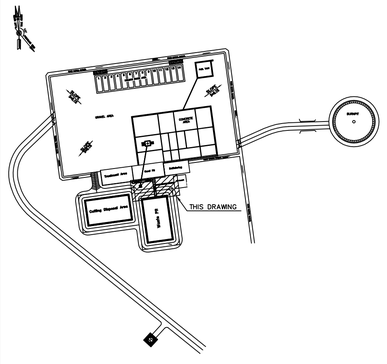
LEGEND AND ABBREVIATION

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

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 -W035	BK-W035-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W035	BK-W035-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
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRAL-PEDCO-000-CV-SP-0002

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D00	JAN.2023	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 W035 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-W035
MUD PIT CHANNEL FORMWORK & REINFORCEMENT PLAN-SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	8 OF 59	D00

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
W035 WELLHEAD FACILITIES

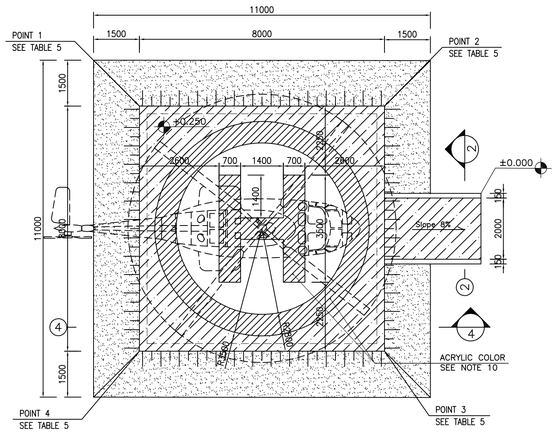
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

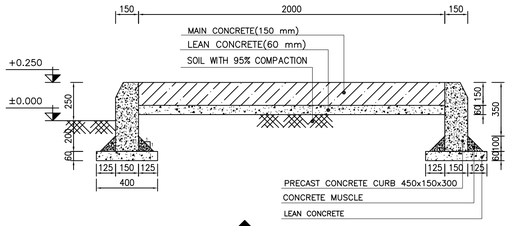
APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	8	D00

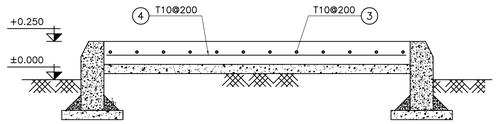




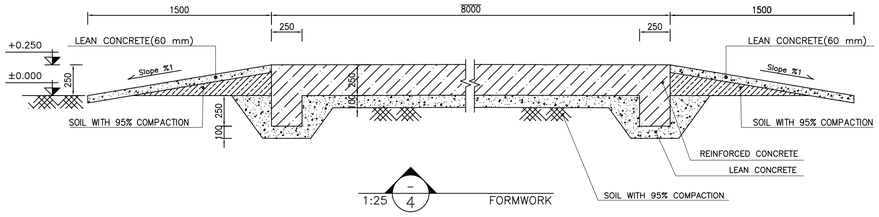
1:100 (1) CONCRETE PAD PLAN



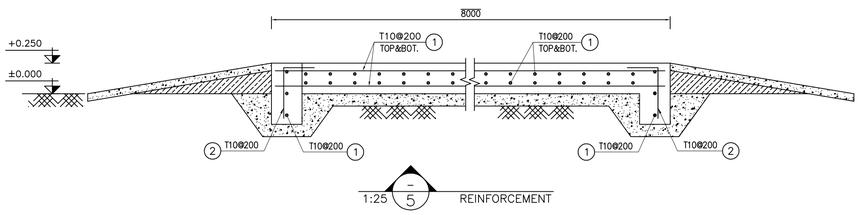
1:20 (2) FORMWORK



1:25 (3) REINFORCEMENT



1:25 (4) FORMWORK



1:25 (5) REINFORCEMENT

TABLE 5 (CORNERS COORDINATES)		
POINT 1	E=436675.056	N=3293419.003
POINT 2	E=436680.906	N=3293424.459
POINT 3	E=436686.362	N=3293418.608
POINT 4	E=436680.512	N=3293413.152

BAR BENDING SCHEDULE – CONCRETE PAD					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	7850	7.85	164	1287.4
2	T10	150 L 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.

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

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

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

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

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

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

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

9-JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS.

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

11-GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:

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

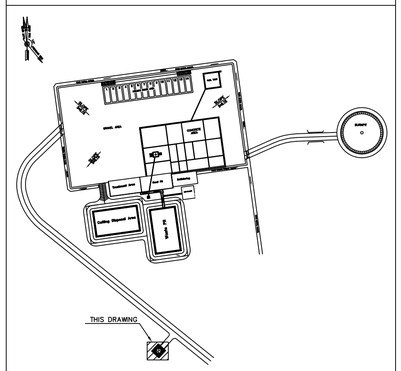
±0.00 = +29.00(R.G.L.)MSL

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

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 –W035	BK-W035-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS –W035	BK-W035-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
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRAL-PEDCO-000-CV-SP-0002

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

أصل 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 W035 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
W035 WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
HELIPAD FORMWORK & REINFORCEMENT PLAN-SECTION

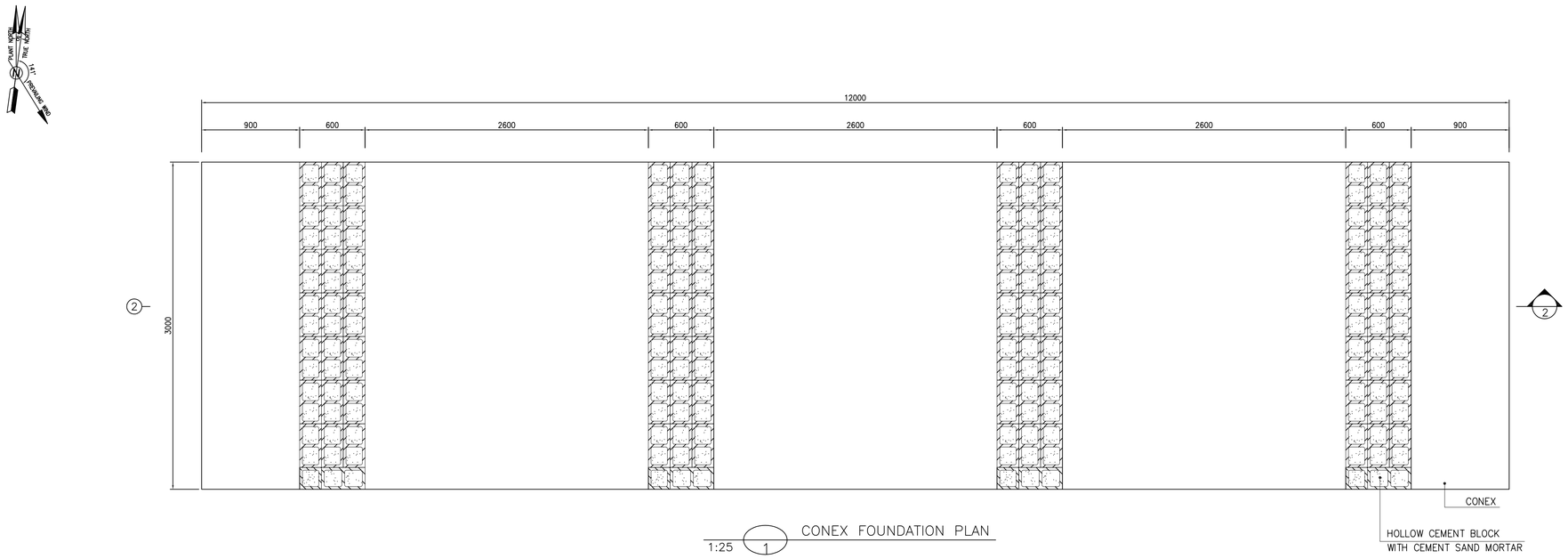
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

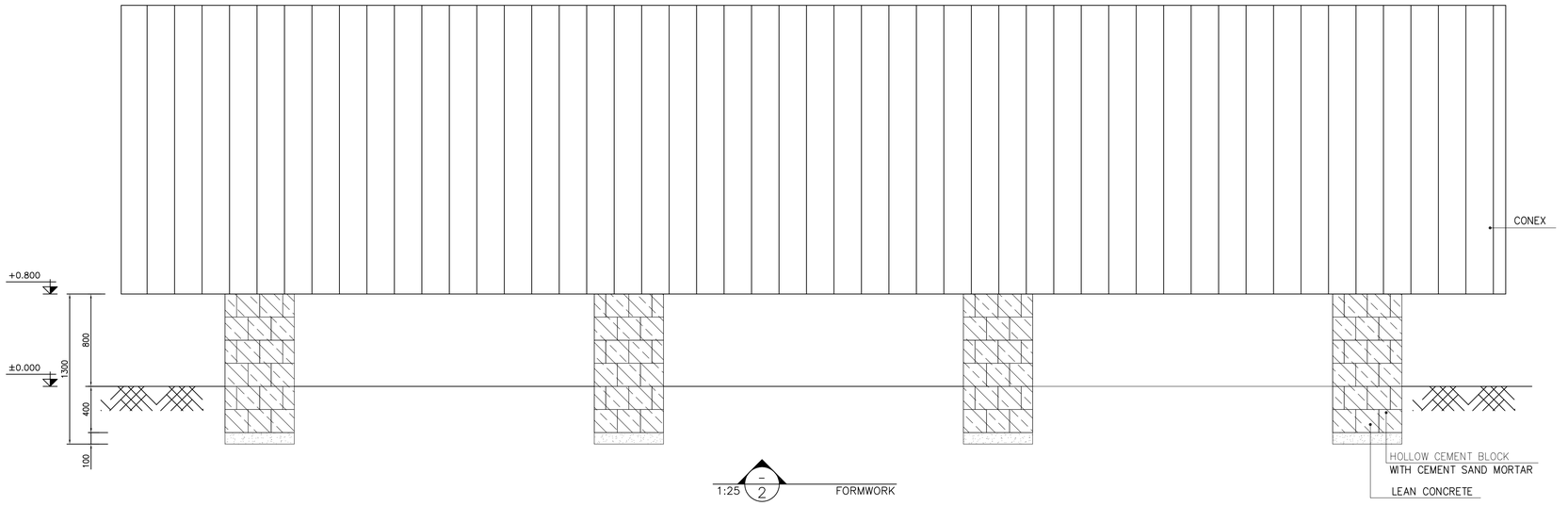
APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	9 OF 59	D00

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	9	D00



1:25 1 CONEX FOUNDATION PLAN



1:25 2 FORMWORK

NOTES

1- ALL COORDINATES ARE IN METER.

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

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

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

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

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

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

8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR,
BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm^3
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

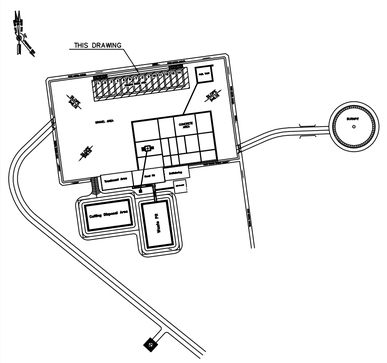
±0.00 = +29.00(R.G.L.)MSL

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

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 -W035	BK-W035-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W035	BK-W035-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
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRAL-PEDCO-000-CV-SP-0002

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 WELLHEAD FACILITIES
PROJECT NO.:	971020

EPC CONTRACTOR:
HIRGAN ENERGY
HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

DRAWING TITLE:	CIVIL AND STRUCTURAL DRAWINGS-W035 CONEX FOUNDATION PLAN AND SECTION

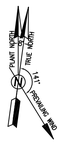
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

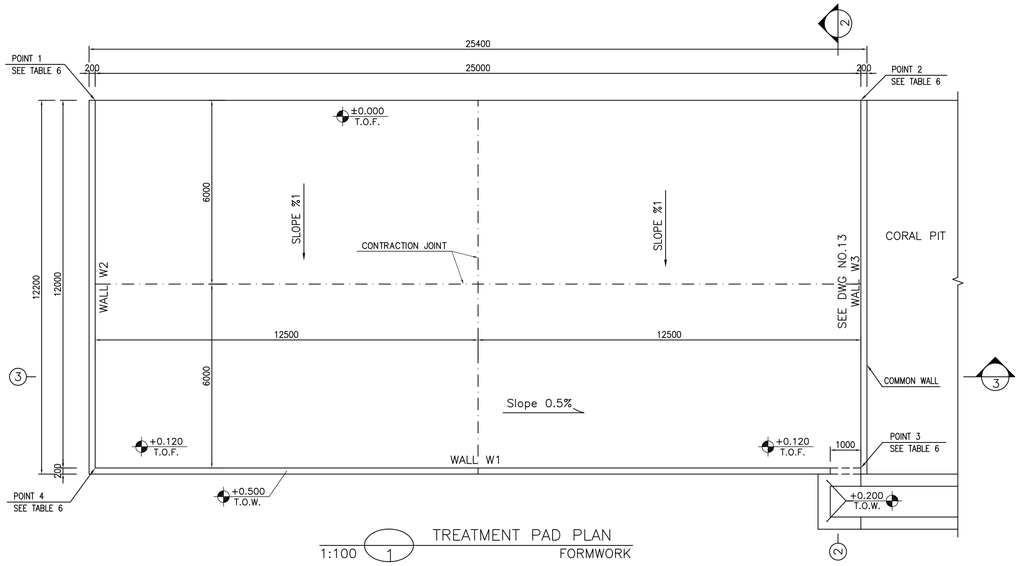
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	10 OF 59	D00

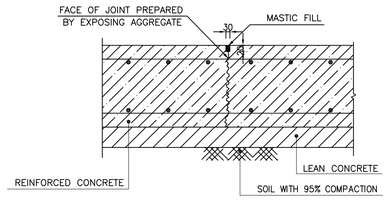
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	10	D00



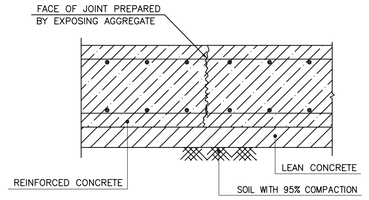


TREATMENT PAD PLAN
1:100 (1) FORMWORK

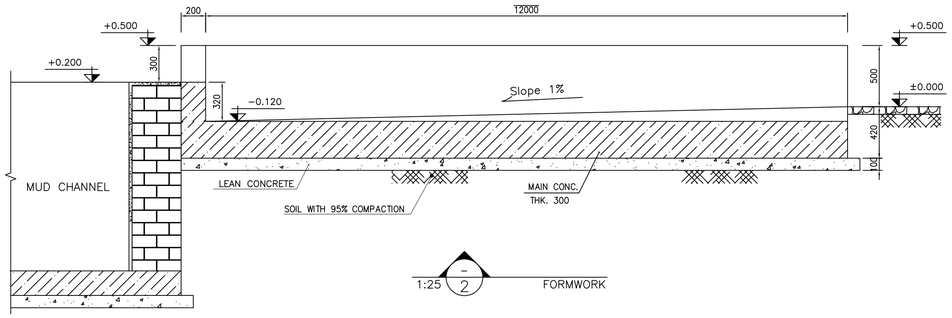
TABLE 6 (CORNERS COORDINATES)		
POINT 1	E=436566.308	N=3293626.433
POINT 2	E=436591.080	N=3293629.802
POINT 3	E=436592.697	N=3293617.912
POINT 4	E=436567.925	N=3293614.542



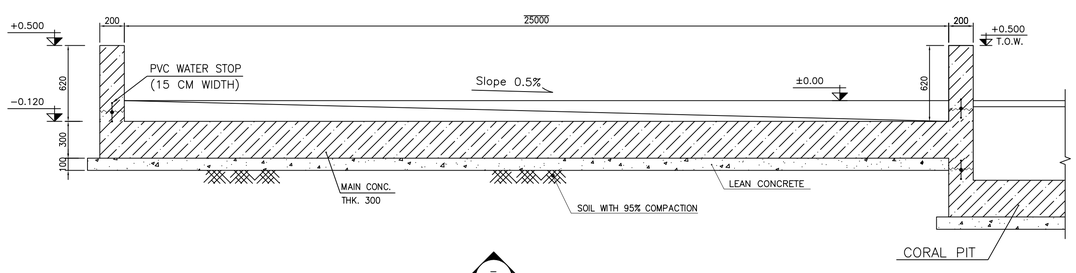
TYPICAL CONTRACTION JOINT
N.T.S. (7)



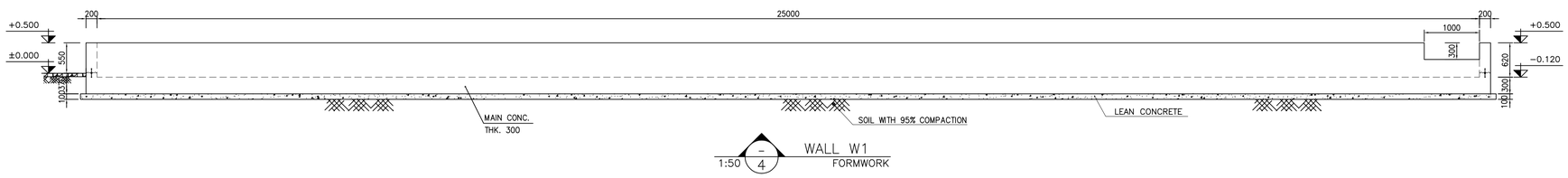
TYPICAL CONSTRUCTION JOINT
N.T.S. (8)



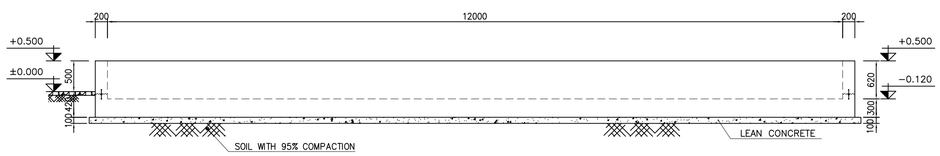
1:25 (2) FORMWORK



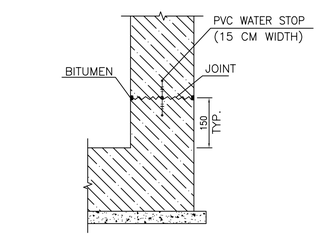
1:25 (3) FORMWORK



1:50 (4) WALL W1 FORMWORK



1:50 (5) WALL W2 FORMWORK



N.T.S. (6) TYPICAL DETAIL OF WATER STOP

NOTES

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

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

±0.00 = +29.00(R.G.L.)MSL

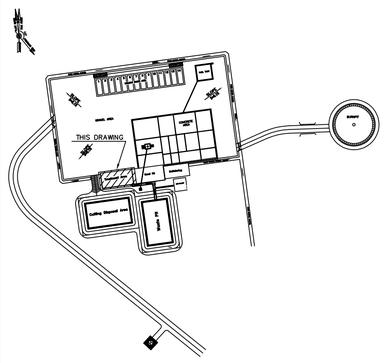
LEGEND AND ABBREVIATION

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

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 -W035	BK-W035-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W035	BK-W035-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
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRAL-PEDCO-000-CV-SP-0002

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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-W035
TREATMENT PAD FORMWORK - DETAIL & SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	11 OF 59	D00

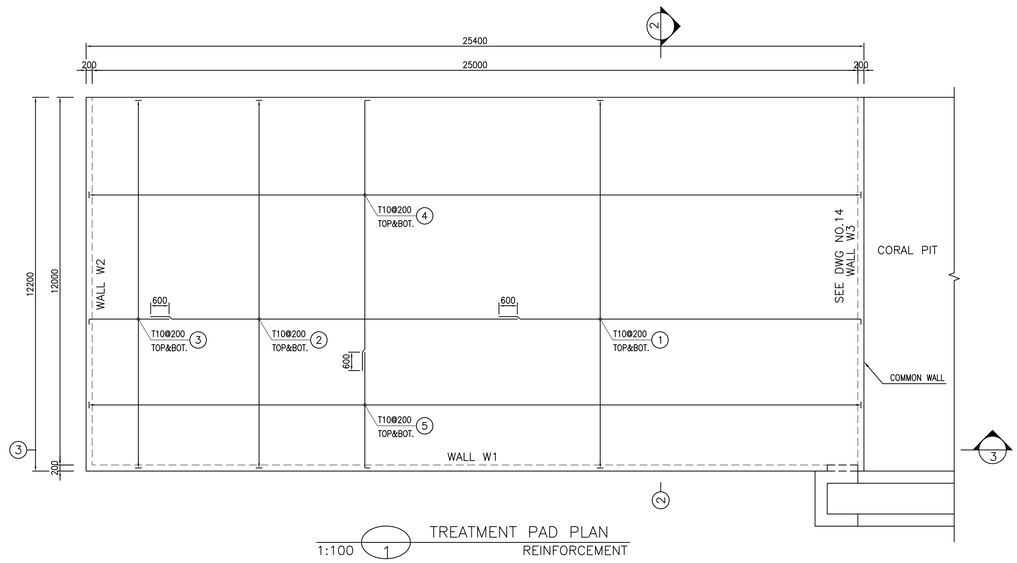
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W035 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	707778	11	D00



TREATMENT PAD PLAN REINFORCEMENT
1:100

BAR BENDING SCHEDULE – TREATMENT PAD					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	150 11850	12.00	128	1536.0
2	T10	12000	12.00	128	1536.0
3	T10	150 2600	2.75	126	346.5
4	T10	150 8850	9.00	260	2340.0
5	T10	150 3800	3.95	260	1027.0
6	T10	150 750	0.90	180	162.0
7	T10	150 450	0.60	6	3.60
8	T10	150 1400	1.55	2	3.10
TOTAL LENGTH OR AREA (m)					6954.20
UNIT WEIGTH (Kg/m)					0.617
WEIGTH (Kg)					4290.75
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.
4-ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(ON CYLINDRICAL SPECIMEN)
5-ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(ON CYLINDRICAL SPECIMEN)
6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm^2
7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR,
BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm3
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
9-JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS.
10-CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
11-GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:

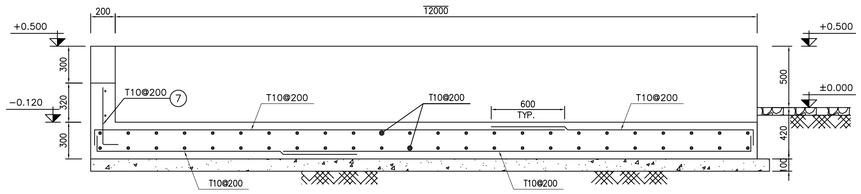
HORIZONTAL COORDINATE SYSTEM:	WGS84/UTM ZONE 39
ELLIPSOID :	WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION:	UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM:	MSL

±0.00 = +29.00(R.G.L.)MSL

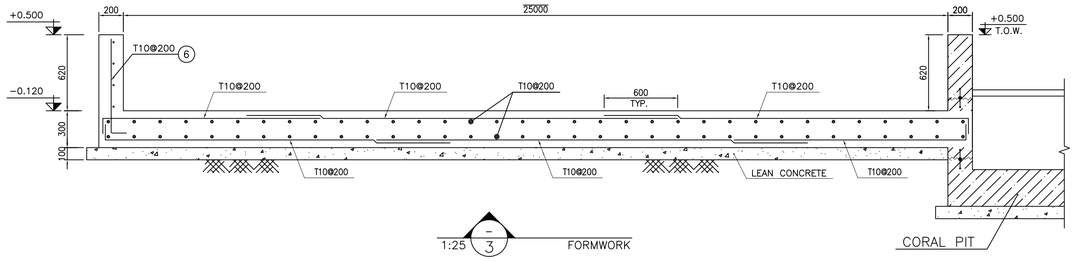
LEGEND AND ABBREVIATION

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

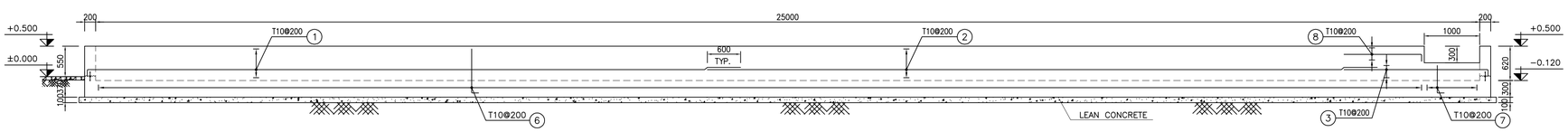
REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
GENERAL NOTES – STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES – REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT –W035	BK-W035-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS –W035	BK-W035-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
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRAL-PEDCO-000-CV-SP-0002



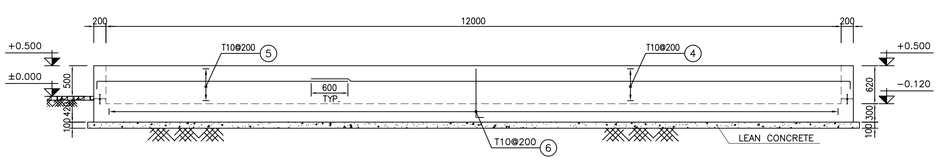
REINFORCEMENT
1:25 2



FORMWORK
1:25 3

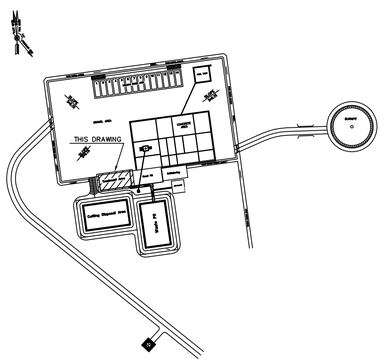


WALL W1 REINFORCEMENT
1:50 4



WALL W2 REINFORCEMENT
1:50 5

KEY PLAN



							***	**********	**.**	***.****	**.**	***.****
							REV.	DESCRIPTION	BY	DATE	BY	DATE
									CHECKED		REV. APPR.	
D00	JAN.2023	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 W035 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
W035 WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
TREATMENT PAD REINFORCEMENT – DETAIL & SECTION

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	12 OF 59	D00

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	12	D00

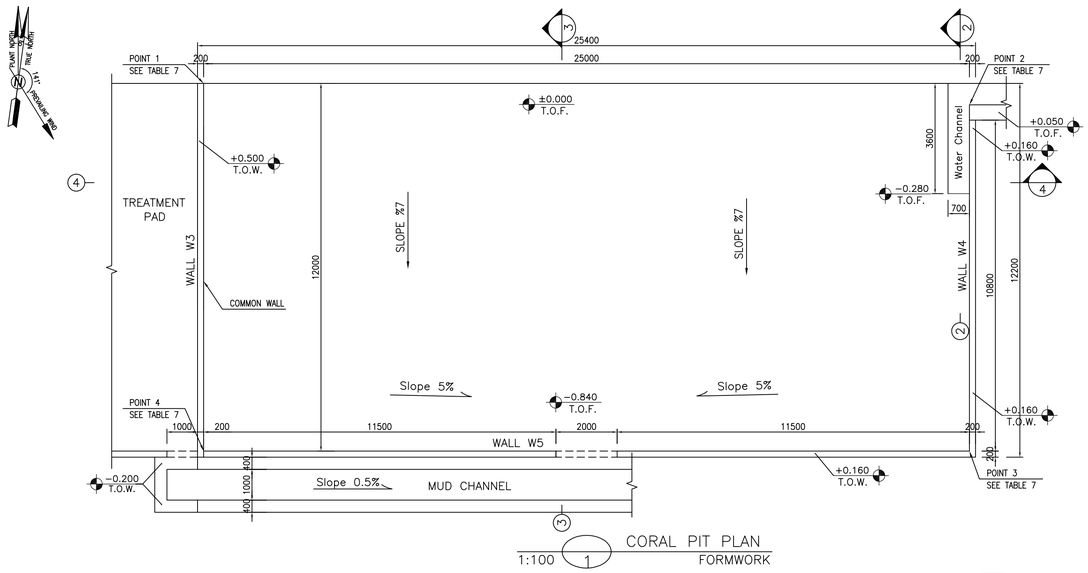
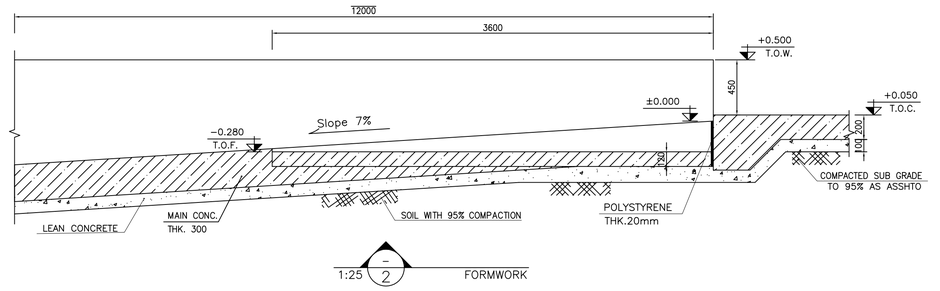
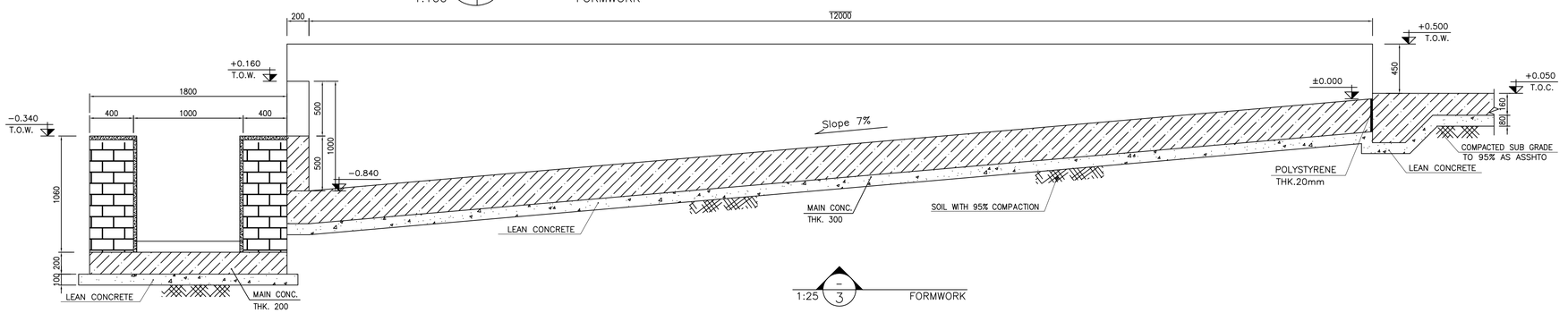
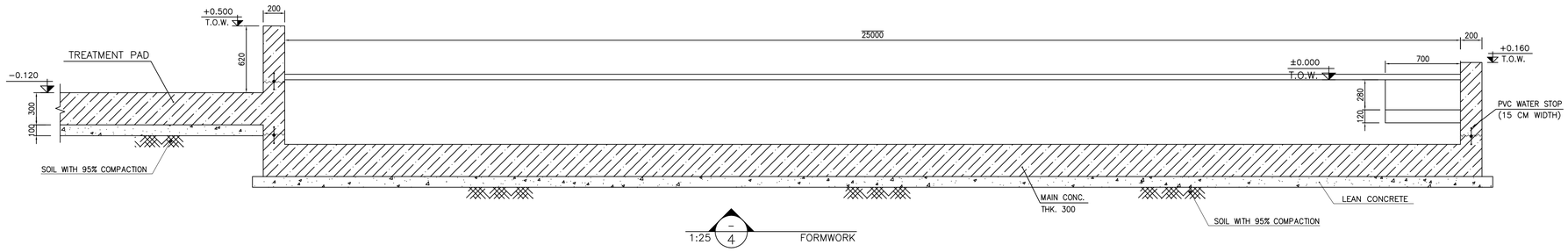
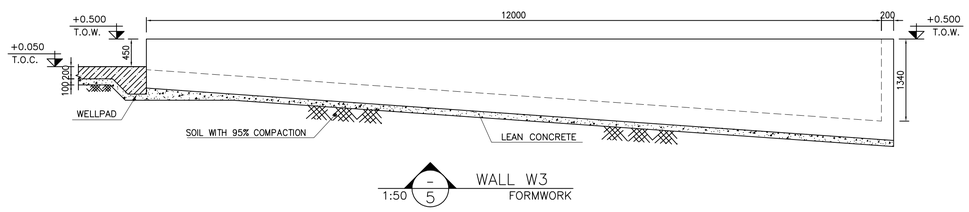


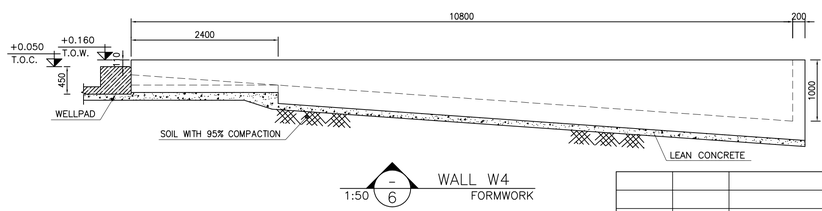
TABLE 7 (CORNERS COORDINATES)		
POINT 1	E=436591.278	N=3293629.829
POINT 2	E=436616.144	N=3293632.505
POINT 3	E=436617.667	N=3293621.308
POINT 4	E=436592.895	N=3293617.939

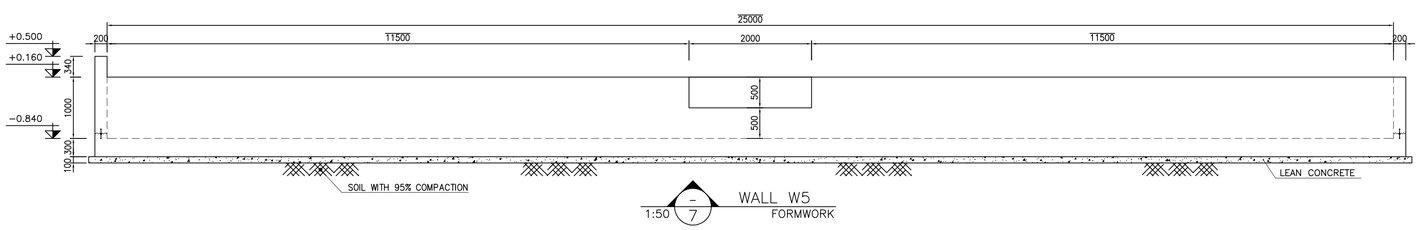












NOTES

1- ALL COORDINATES ARE IN METER.
2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
4-ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(ON CYLINDRICAL SPECIMEN)
5-ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(ON CYLINDRICAL SPECIMEN)
6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm^2
7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR,
BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm3
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
9-JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS.
10-CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
11-GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL

±0.00 = +29.00(R.G.L.)MSL

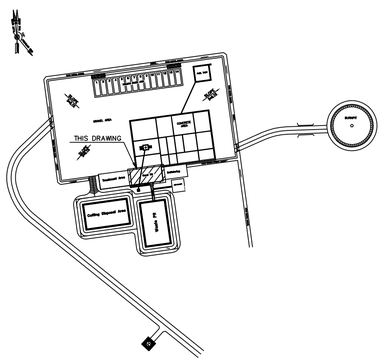
LEGEND AND ABBREVIATION

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

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 -W035	BK-W035-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W035	BK-W035-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
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRAL-PEDCO-000-CV-SP-0002

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D00	JAN.2023	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 W035 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-W035
CORAL PIT FORMWORK - DETAIL & SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	13 OF 59	D00

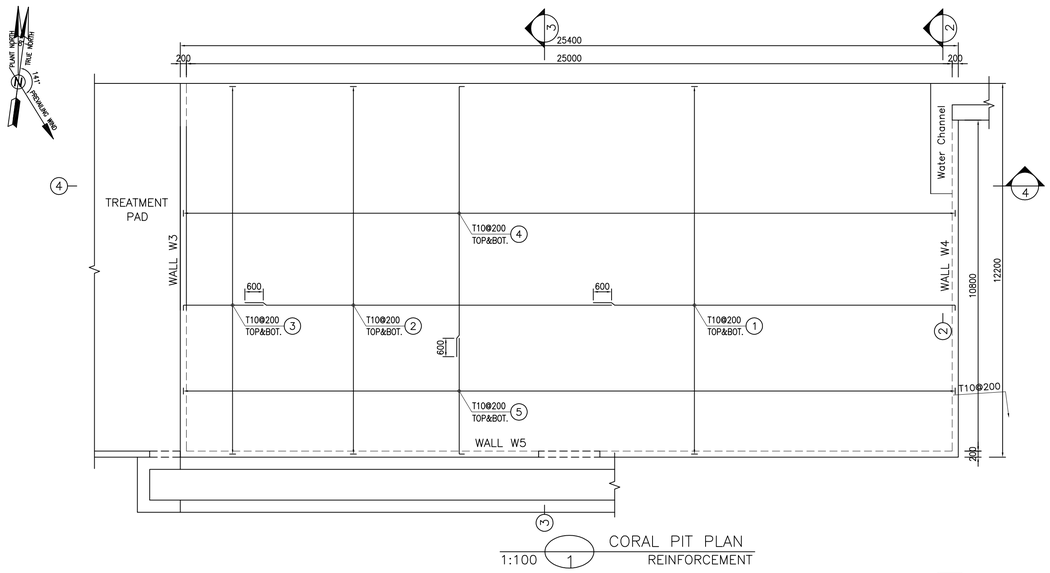
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

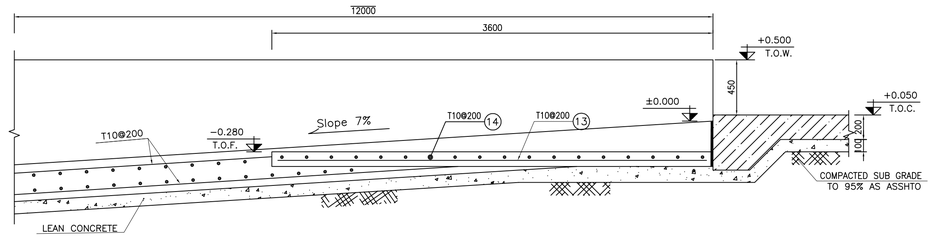
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

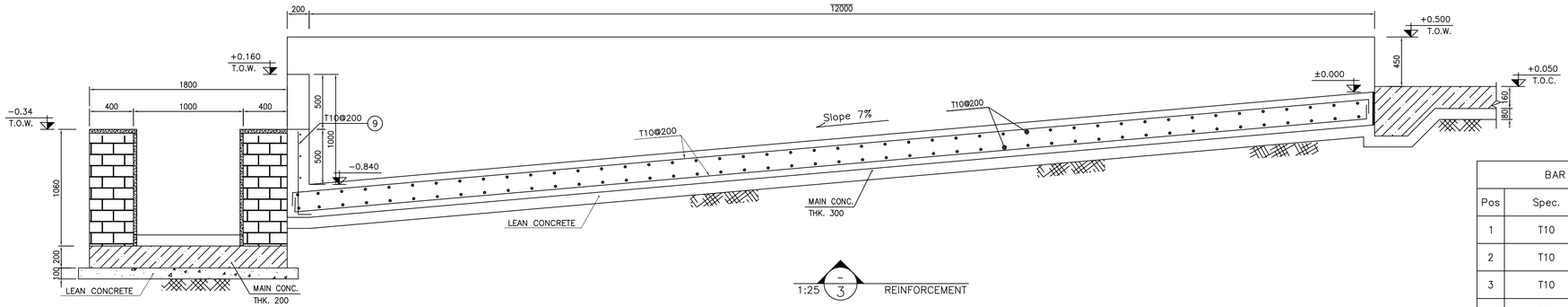
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	13	D00



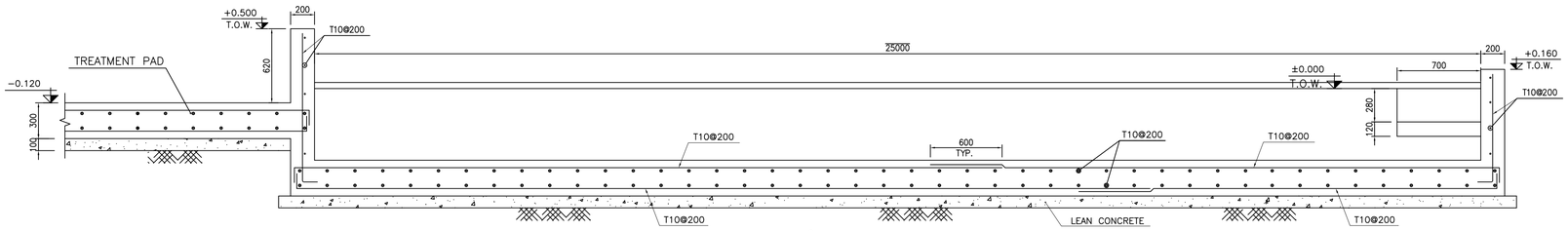
CORAL PIT PLAN
1:100 1 REINFORCEMENT



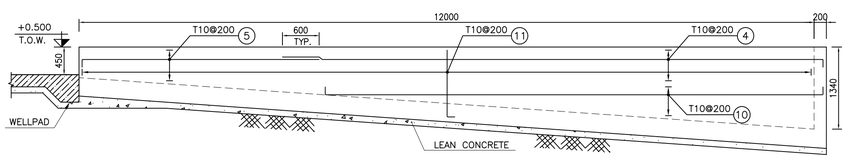
1:25 2 REINFORCEMENT



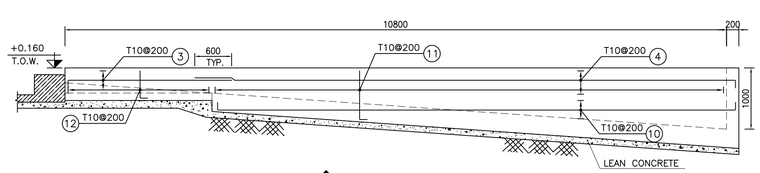
1:25 3 REINFORCEMENT



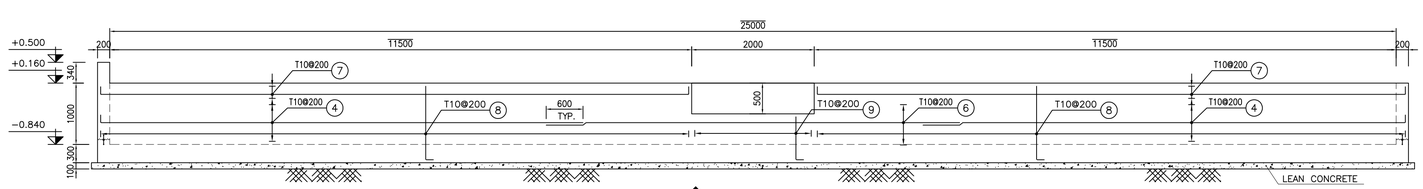
1:25 4 REINFORCEMENT



1:50 5 WALL W3 REINFORCEMENT



1:50 6 WALL W4 REINFORCEMENT



1:50 7 WALL W5 REINFORCEMENT

NOTES

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

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

±0.00 = +29.00(R.G.L.)MSL

LEGEND AND ABBREVIATION

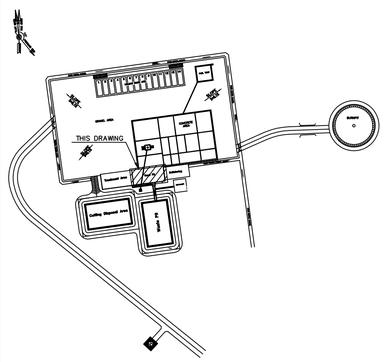
REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
LEAN CONCRETE	T.O.W.	TOP OF WALL
CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
GRAVEL	T.O.PIT	TOP OF PIT
SUB GRADE	B.O.P.	BOTTOM OF PIPE
SLOPE	R.G.L.	ROUGH GRADING LEVEL

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 -W035	BK-W035-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W035	BK-W035-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
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRAL-PEDCO-000-CV-SP-0002

BAR BENDING SCHEDULE - CORAL PIT

Pos	Spec.	Shape	L/A	No.	T10
1	T10	150 \ 11850	12.00	124	1488.0
2	T10	12000	12.00	124	1488.0
3	T10	150 \ 2600	2.75	127	349.25
4	T10	150 \ 8850	9.00	268	2412.0
5	T10	150 \ 3800	3.95	259	1023.05
6	T10	8750	8.75	3	26.25
7	T10	150 \ 11350 / 150	11.65	6	69.90
8	T10	150 \ 1150	1.30	116	150.8
9	T10	150 \ 650	0.80	11	3.60
10	T10	150 \ 4000-8500 / 150	VAR	6	39.30
11	T10	150 \ 350-1200	VAR	104	96.20
12	T10	150 \ 400	0.55	12	6.60
13	T10	3450	3.45	4	13.80
14	T10	550	0.55	18	9.90
TOTAL LENGTH OR AREA (m)					7176.65
UNIT WEIGTH (Kg/m)					0.617
WEIGTH (Kg)					4427.99
GRAND TOTAL (Kg)					4430

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D00	JAN.2023	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 W035 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-W035
CORAL PIT REINFORCEMENT- DETAIL & SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	14 OF 59	D00

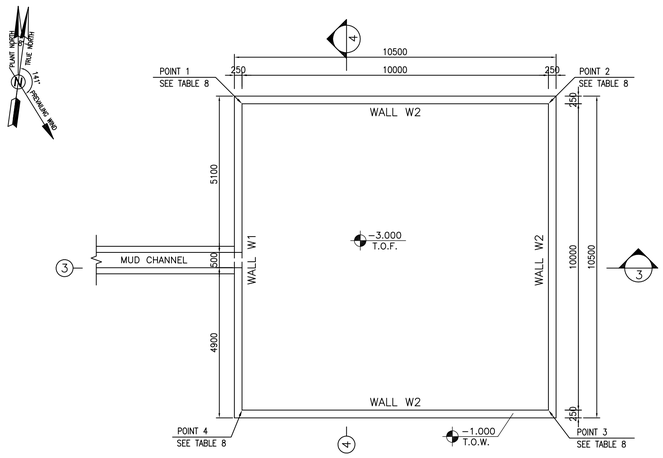
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

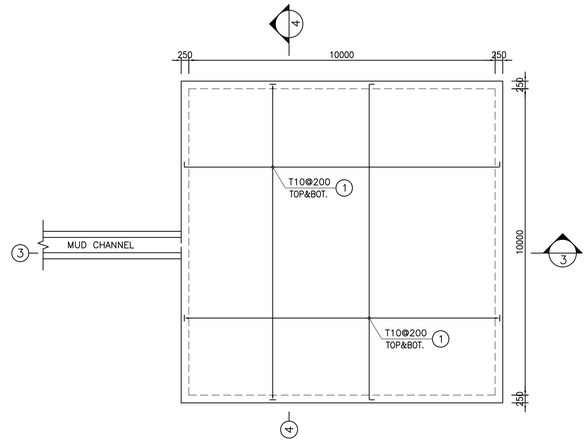
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION | BY: | DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	14	D00



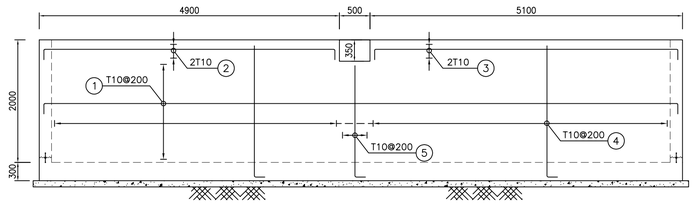
OBM WASTE PIT PLAN FORMWORK

1:100 (1)



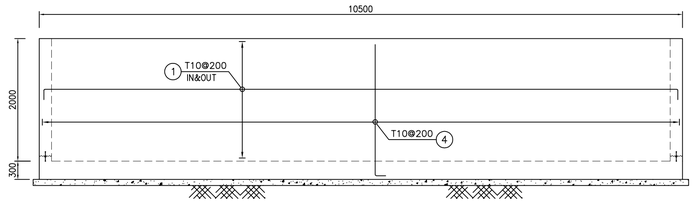
OBM WASTE PIT PLAN REINFORCEMENT

1:100 (2)



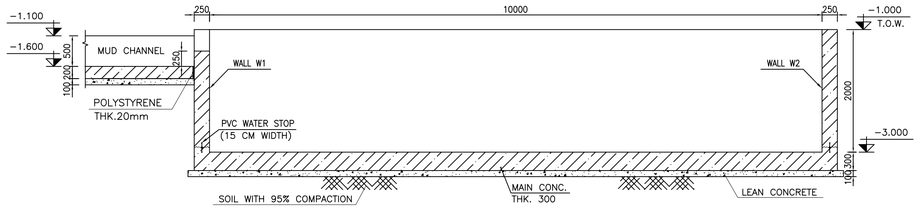
WALL W1 REINFORCEMENT

1:50 (7)



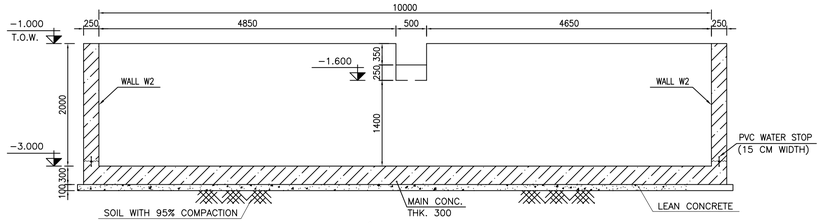
WALL W2 REINFORCEMENT

1:50 (8)



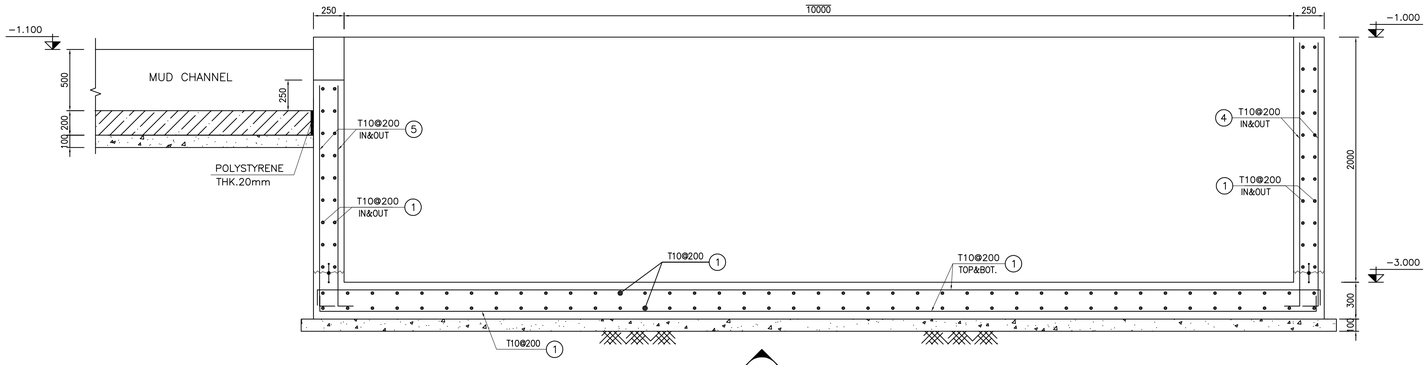
FORMWORK

1:50 (3)



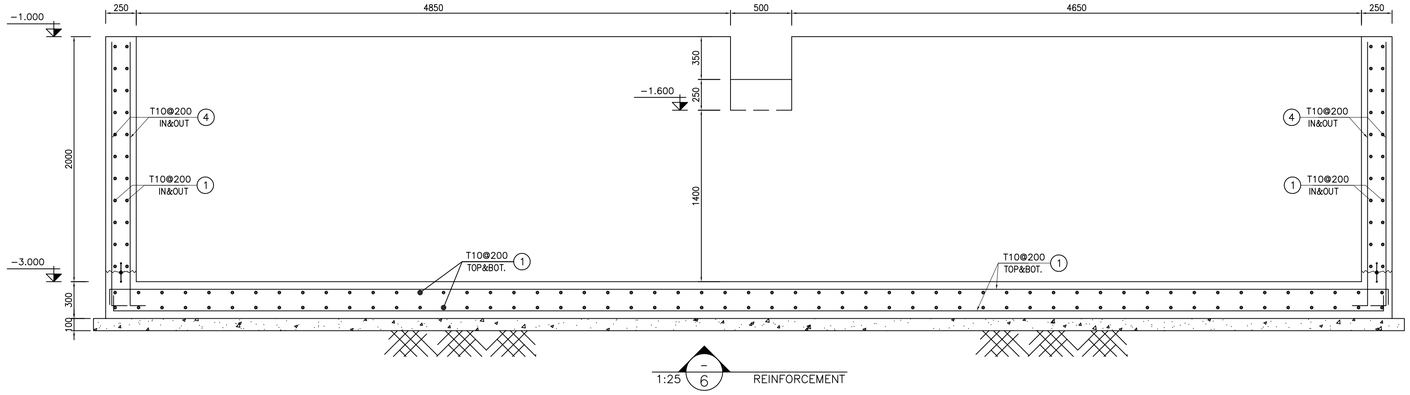
FORMWORK

1:50 (4)



REINFORCEMENT

1:25 (5)



REINFORCEMENT

1:25 (6)

TABLE 8 (CORNERS COORDINATES)		
POINT 1	E=436624.254	N=3293621.797
POINT 2	E=436634.162	N=3293623.145
POINT 3	E=436635.510	N=3293613.236
POINT 4	E=436625.601	N=3293611.888

BAR BENDING SCHEDULE – OBM WASTE PIT					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	150 \ 10350 / 150	10.85	296	3211.60
2	T10	150 \ 4750 / 150	5.05	4	20.20
3	T10	150 \ 4950 / 150	5.25	4	21.00
4	T10	150 \ 2150	2.30	410	943.00
5	T10	150 \ 1800	1.95	6	11.70
TOTAL LENGTH OR AREA (m)					4207.50
UNIT WEIGTH (Kg/m)					0.617
WEIGTH (Kg)					2596.03
GRAND TOTAL (Kg)					2600

NOTES

1- ALL COORDINATES ARE IN METER.

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

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

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

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

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

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

8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR,
BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm
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

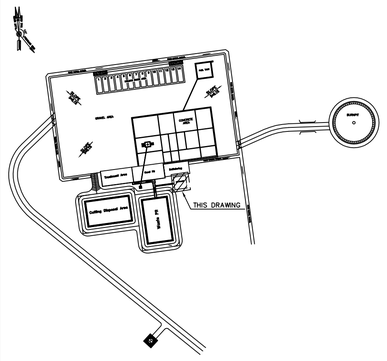
±0.00 = +29.00(R.G.L.)MSL

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

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 –W035	BK-W035-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS –W035	BK-W035-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
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRAL-PEDCO-000-CV-SP-0002

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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
W035 WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
OBM WASTE PIT FORMWORK & REINFORCEMENT-SECTION

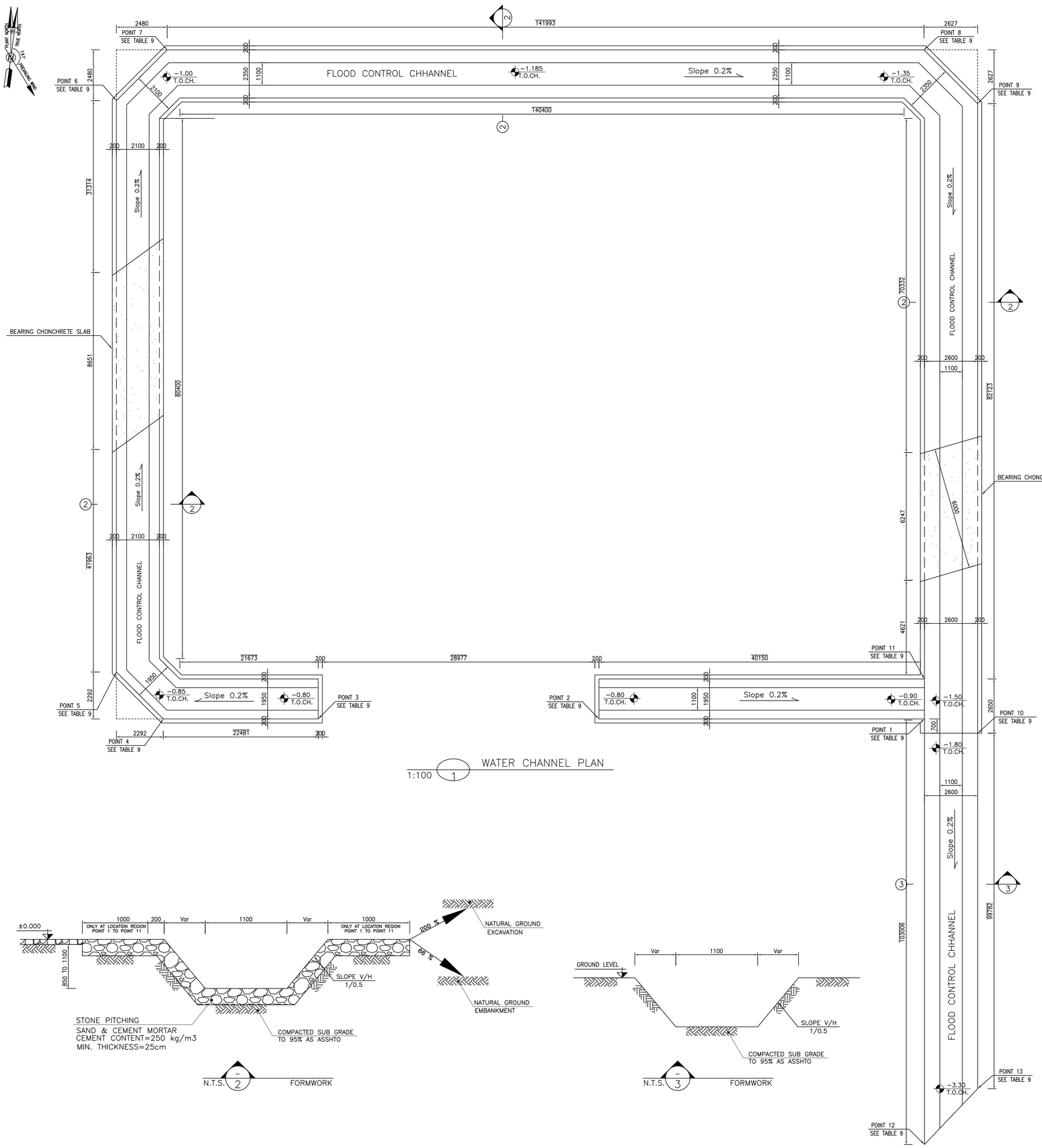
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	15 OF 59	D00

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	15	D00



WATER CHANNEL PLAN
1:100 (1)

N.T.S. (2) FORMWORK

N.T.S. (3) FORMWORK

TABLE 9 (CORNERS COORDINATES)		
Point 1	E=436677.224	N=3293637.533
Point 2	E=436637.242	N=3293632.095
Point 3	E=436558.589	N=3293621.397
Point 4	E=436536.314	N=3293618.367
Point 5	E=436533.733	N=3293620.329
Point 6	E=436522.692	N=3293701.510
Point 7	E=436524.816	N=3293704.301
Point 8	E=436665.513	N=3293723.438
Point 9	E=436668.470	N=3293721.189
Point 10	E=436679.895	N=3293637.189
Point 11	E=436676.961	N=3293639.465
Point 12	E=436691.133	N=3293535.268
Point 13	E=436693.343	N=3293538.317

NOTES

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

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

±0.00 = +29.00(R.G.L.)MSL

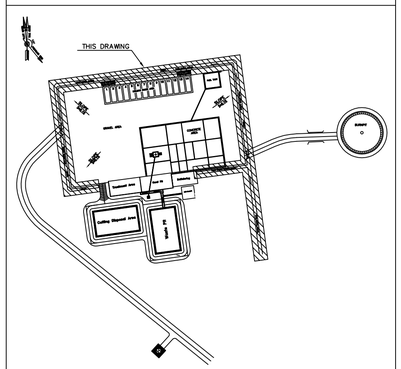
LEGEND AND ABBREVIATION

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

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 -W035	BK-W035-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W035	BK-W035-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
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRAL-PEDCO-000-CV-SP-0002

KEY PLAN



REV.	DATE	DESCRIPTION	PREP.	CHK.	APP.	AUT.
***	**********		**.**	***.****	**.**	***.****
			BY	DATE	BY	DATE
D00	JAN.2023	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
			CHECKED		REV. APPR.	

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W035 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-W035
WATER CHANNEL FORMWORK PLAN-SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	16 OF 59	D00

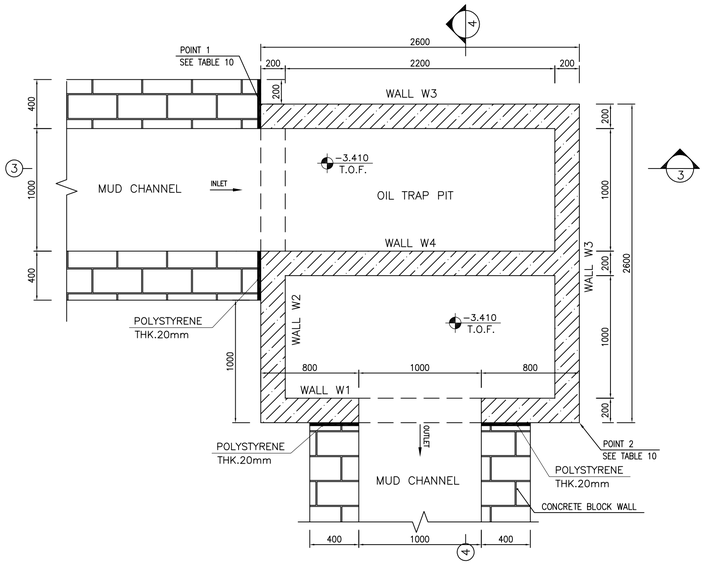
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

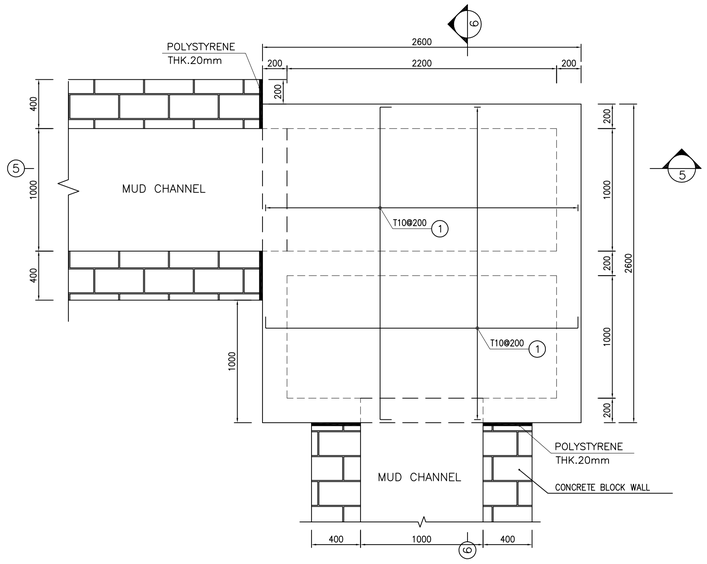
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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	707778	16	D00



1:25 (1) OIL TRAP PIT PLAN FORMWORK



1:25 (2) OIL TRAP PIT PLAN REINFORCEMENT

TABLE 10 (CORNERS COORDINATES)		
Point 1	E=436607.197	N=3293619.480
Point 2	E=436610.123	N=3293617.254

BAR BENDING SCHEDULE – OIL TRAP PIT					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	150 2450 150	2.75	90	247.50
2	T10	150 3050	3.20	40	128.00
3	T10	150 2550	2.70	5	13.50
4	T10	150 1950	2.10	5	10.50
5	T10	2250	2.25	12	27.00
6	T10	150 650 150	0.95	12	11.40
7	T10	150 1250 150	1.55	3	4.65
TOTAL LENGTH OR AREA (m/m2)					442.55
UNIT WEIGTH (Kg)					0.617
WEIGTH (Kg)					273.05
GRAND TOTAL (Kg)					280

NOTES

1- ALL COORDINATES ARE IN METER.
2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
4-ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(ON CYLINDRICAL SPECIMEN)
5-ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(ON CYLINDRICAL SPECIMEN)
6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm^2
7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR,
BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm
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 = +29.00(R.G.L.)MSL

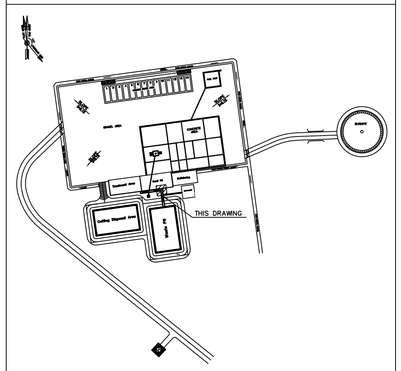
LEGEND AND ABBREVIATION

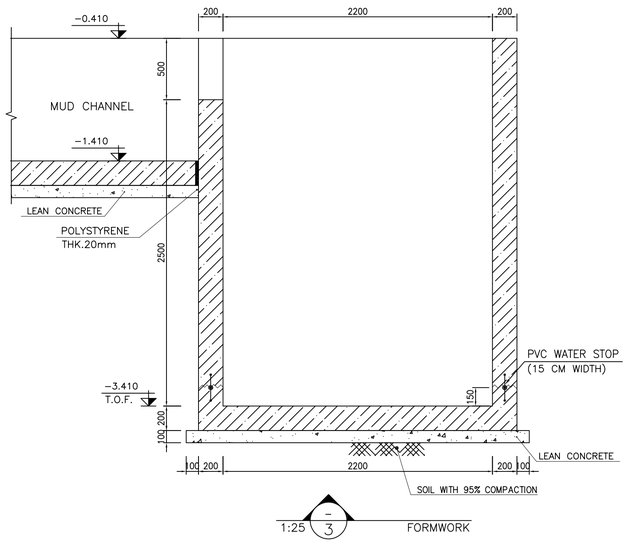
REINFORCED CONCRETE
LEAN CONCRETE
CEMENT BLOCK WALL
GRAVEL
SUB GRADE
SLOPE

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

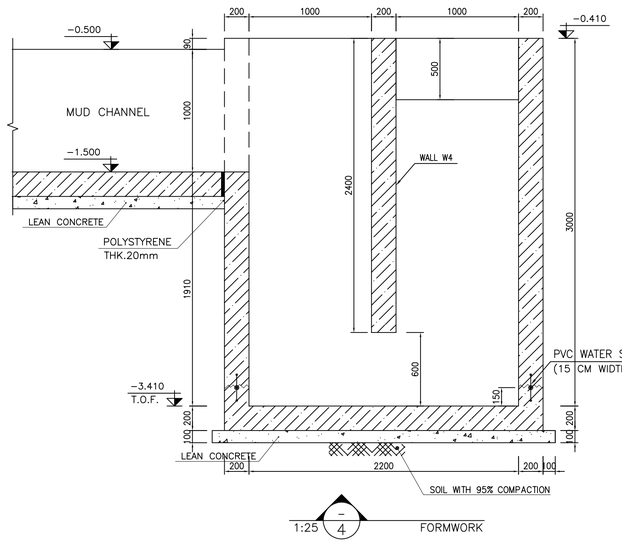
REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT -W035	BK-W035-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W035	BK-W035-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
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRAL-PEDCO-000-CV-SP-0002

KEY PLAN

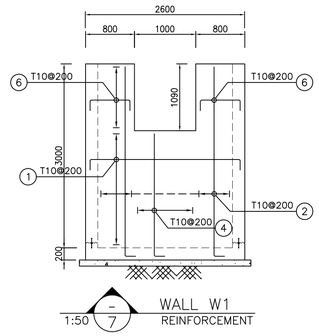




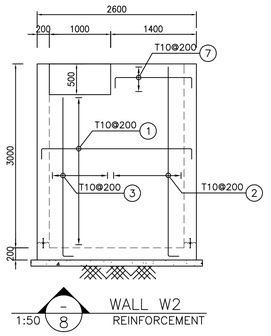
1:25 (3) FORMWORK



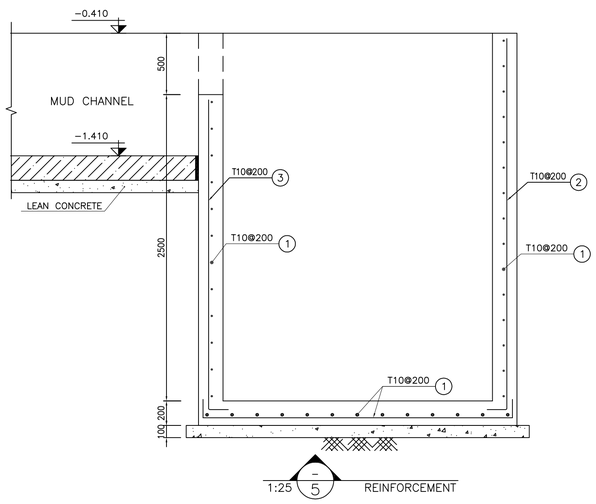
1:25 (4) FORMWORK



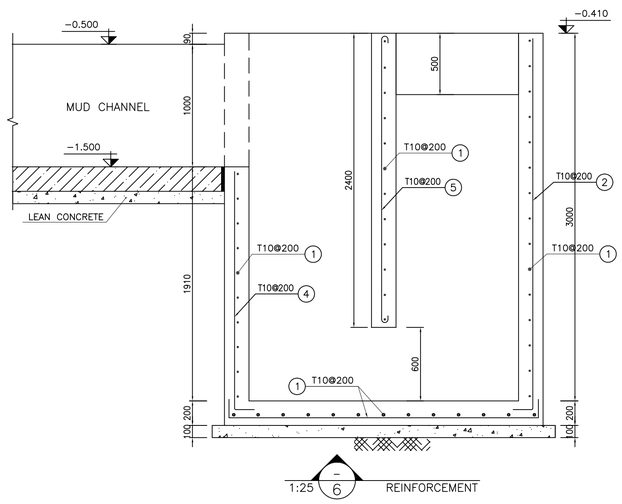
1:50 (7) WALL W1 REINFORCEMENT



1:50 (8) WALL W2 REINFORCEMENT



1:25 (5) REINFORCEMENT



1:25 (6) REINFORCEMENT

REV.	DATE	DESCRIPTION	BY	DATE	BY	DATE
			CHECKED		REV. APPR.	
***	**********		**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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
W035 WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
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.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	17 OF 59	D00

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	17	D00

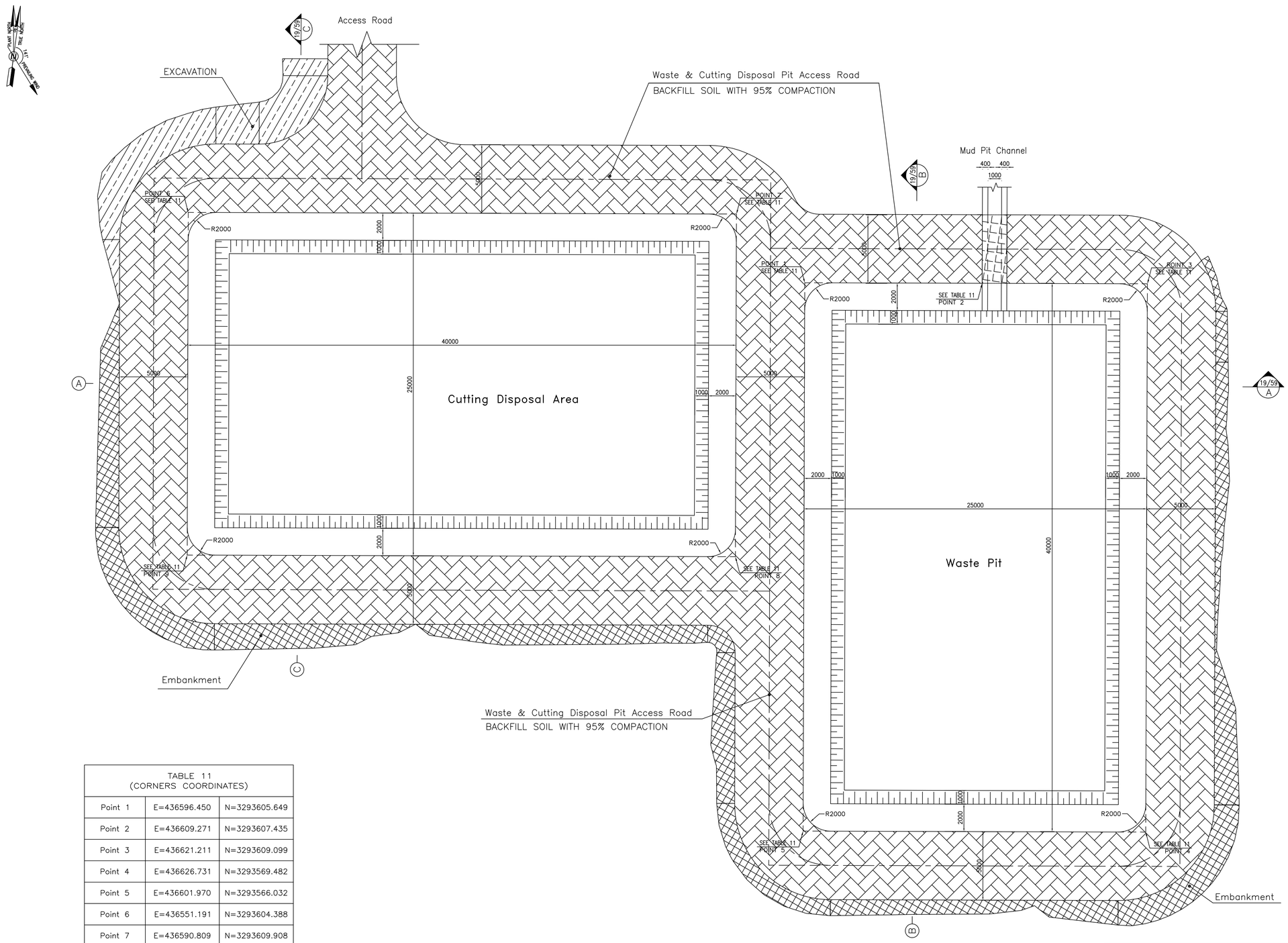


TABLE 11 (CORNERS COORDINATES)		
Point 1	E=436596.450	N=3293605.649
Point 2	E=436609.271	N=3293607.435
Point 3	E=436621.211	N=3293609.099
Point 4	E=436626.731	N=3293569.482
Point 5	E=436601.970	N=3293566.032
Point 6	E=436551.191	N=3293604.388
Point 7	E=436590.809	N=3293609.908
Point 8	E=436594.259	N=3293585.147
Point 9	E=436554.641	N=3293579.627

1:150 (1) WASTE PIT & CUTTING DISPOSAL AREA PLAN

NOTES

1- ALL COORDINATES ARE IN METER.

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

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

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

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

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

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

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

9-JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS.

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

11-GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:

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

±0.00 = +29.00(R.G.L.)MSL

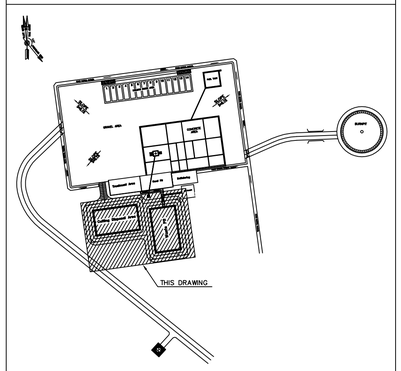
LEGEND AND ABBREVIATION

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

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 -W035	BK-W035-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W035	BK-W035-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
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRAL-PEDCO-000-CV-SP-0002

KEY PLAN



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D00	JAN.2023	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 W035 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-W035
WASTE PIT & CUTTING DISPOSAL AREA PLAN

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	18 OF 59	D00

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

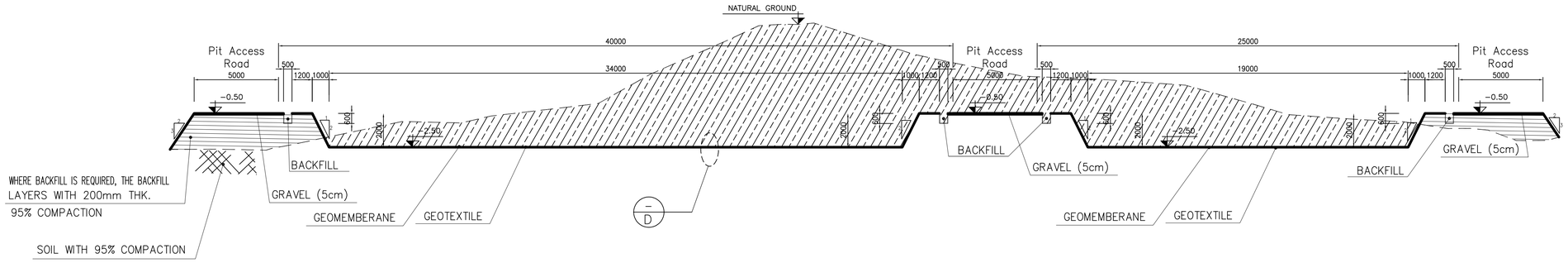
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

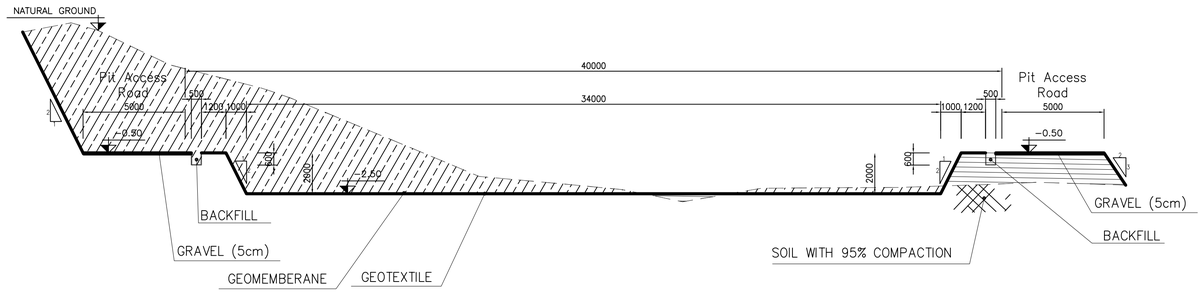
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

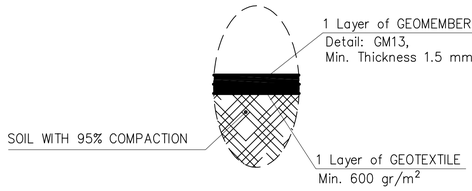
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	18	D00



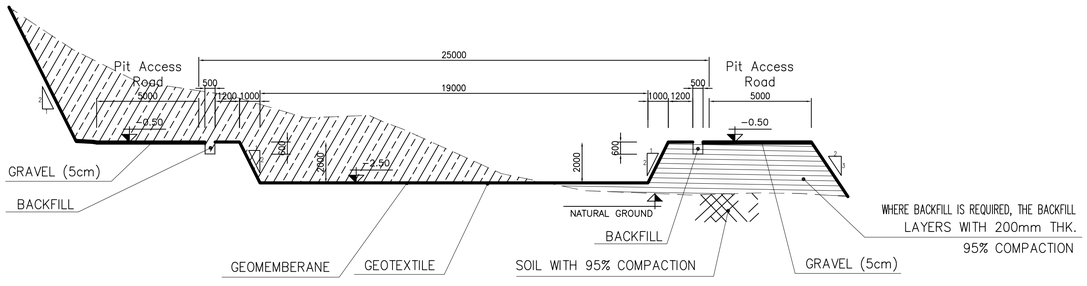
18/59 A
1:150 WASTE PIT & CUTTING DISPOSAL AREA SECTION



18/59 B
1:150 WASTE PIT SECTION



N.T.S. D



18/59 C
1:150 CUTTING DISPOSAL AREA SECTION

NOTES

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

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

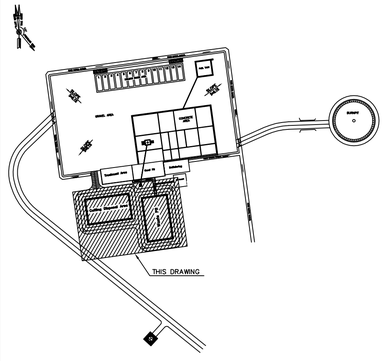
±0.00 = +29.00(R.G.L.)MSL

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			
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 -W035	BK-W035-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W035	BK-W035-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
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRAL-PEDCO-000-CV-SP-0002

KEY PLAN



REV.	DATE	DESCRIPTION	BY	CHECKED	BY	CHECKED
***	**********		**.**	***.****	**.**	***.****
D00	JAN.2023	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

REV. APPR.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W035 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
W035 WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
WASTE PIT & CUTTING DISPOSAL AREA SECTIONS

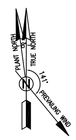
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

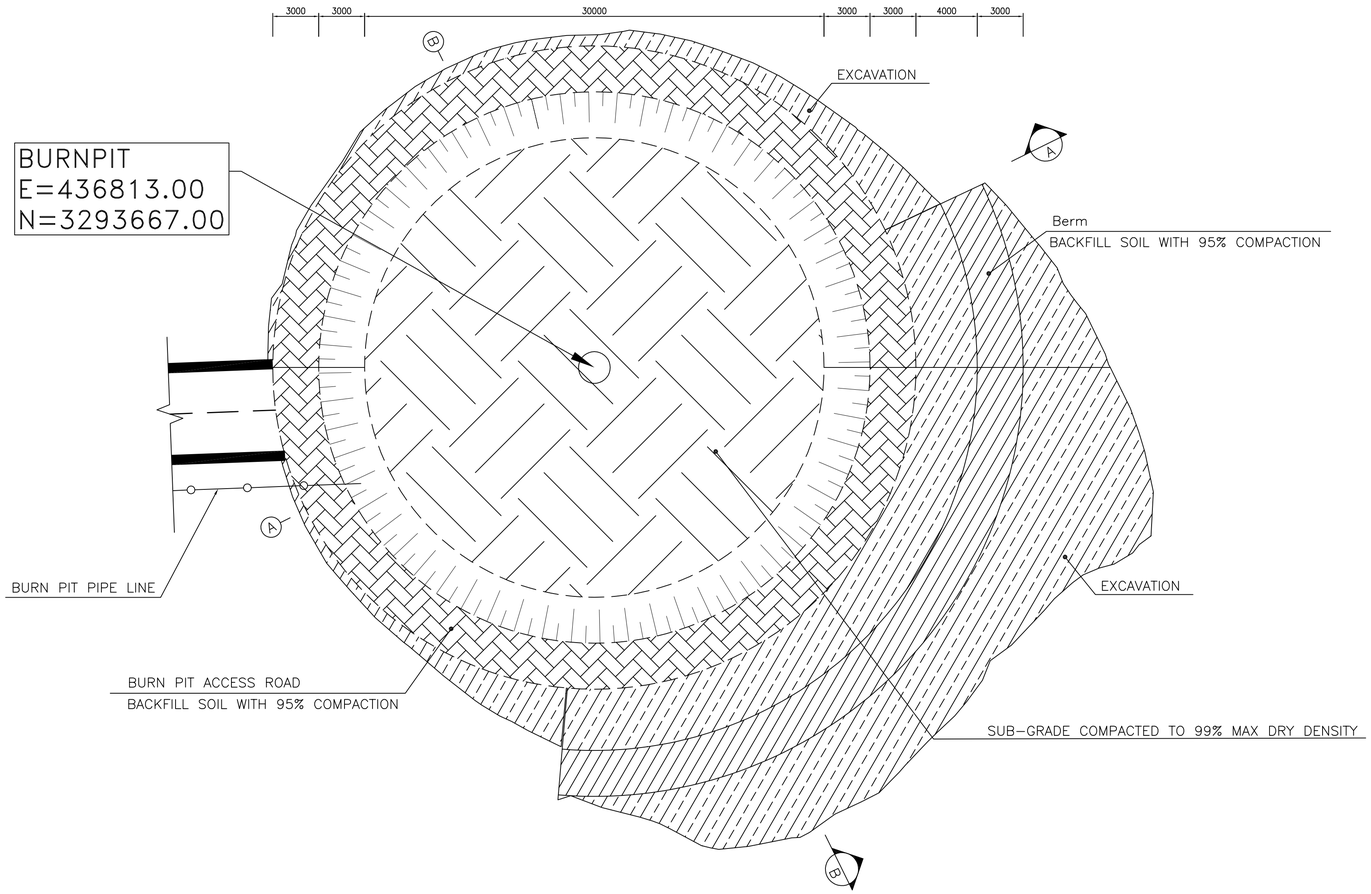
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

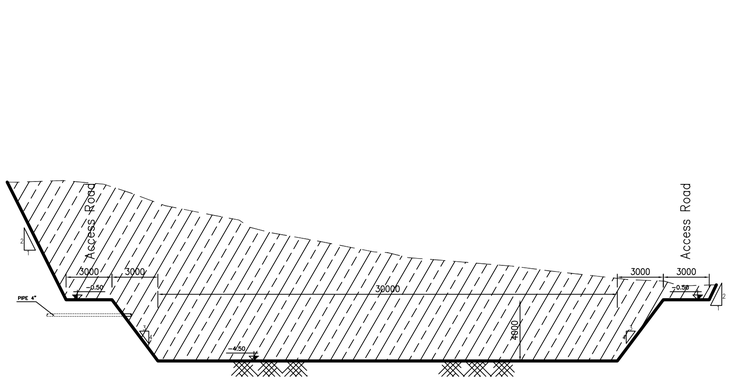
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	19 OF 59	D00

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	19	D00

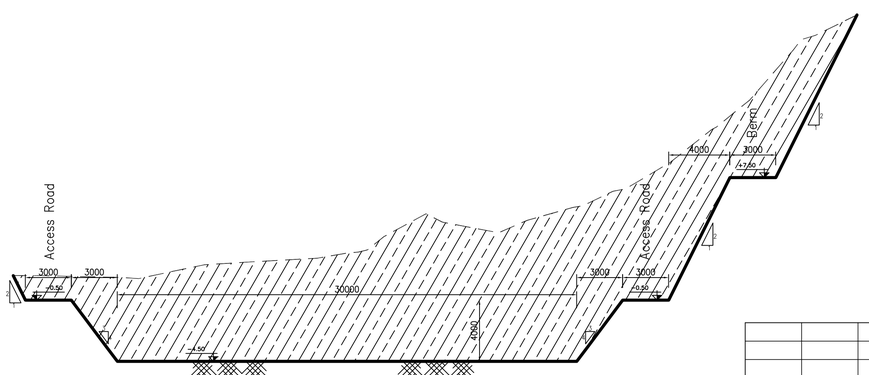




1:200 1 BURN PIT PLAN



1:200 A BURN PIT SECTION



1:200 B BURN PIT SECTION

NOTES

1- ALL COORDINATES ARE IN METER.

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

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

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

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

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

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

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

9-JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS.

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

11-GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:

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

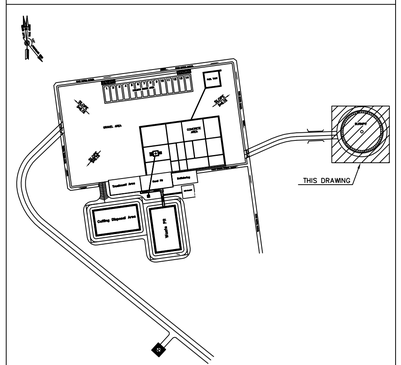
±0.00 = +29.00(R.G.L.)MSL

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			
Embankment			
Berm			

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 -W035	BK-W035-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W035	BK-W035-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
SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRAL-PEDCO-000-CV-SP-0002

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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
W035 WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
BURN PIT PLAN-SECTIONS

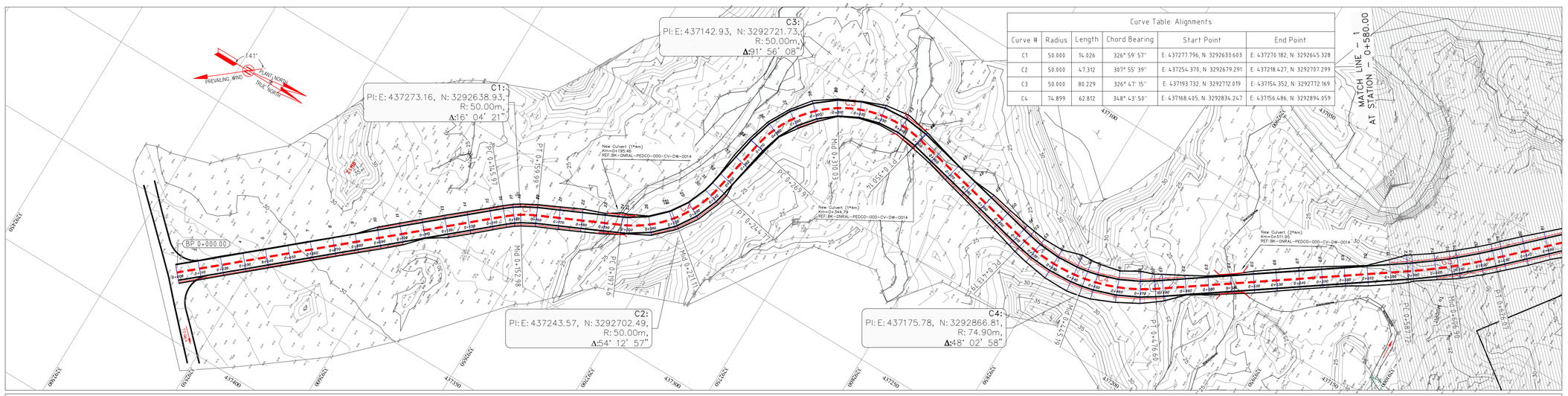
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	20 OF 59	D00

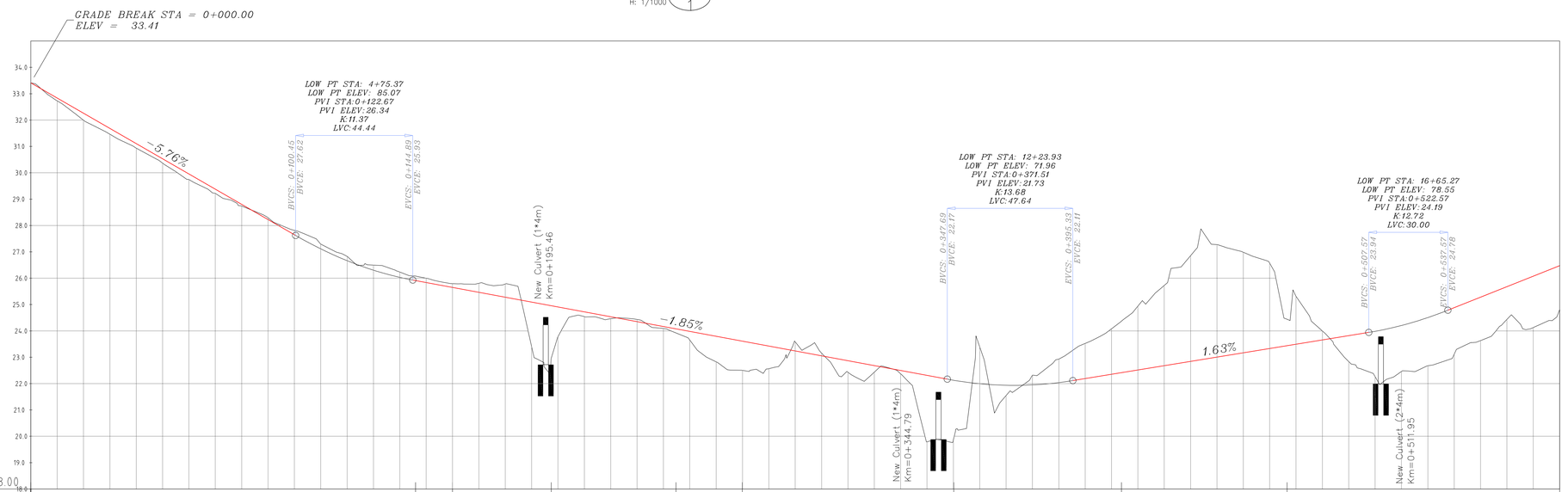
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	20	D00



Curve Table- Alignments					
Curve #	Radius	Length	Chord Bearing	Start Point	End Point
C1	50.000	14.026	326° 59' 57"	E: 437277.796, N: 3292633.603	E: 437270.182, N: 3292645.328
C2	50.000	47.312	307° 55' 39"	E: 437254.370, N: 3292679.291	E: 437218.427, N: 3292707.299
C3	50.000	80.229	326° 47' 15"	E: 437193.732, N: 3292712.019	E: 437154.352, N: 3292772.169
C4	74.899	62.812	348° 43' 50"	E: 437168.495, N: 3292834.247	E: 437156.486, N: 3292894.959

MAIN ACCESS ROAD PLAN

H: 1/1000 — 1



MAIN ACCESS ROAD PROFILE

H: 1/1000
V: 1/100 — 2

Coordinate of Bench Marks (UTM–ZONE 39N)			
NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

Station	Northing	Easting
0+000.00	3292523.50	437373.63
0+010.00	3292531.05	437367.07
0+020.00	3292538.59	437360.50
0+030.00	3292546.13	437353.93
0+040.00	3292553.67	437347.37
0+050.00	3292561.22	437340.80
0+060.00	3292568.76	437334.24
0+070.00	3292576.30	437327.67
0+080.00	3292583.85	437321.11
0+090.00	3292591.39	437314.54
0+100.00	3292598.93	437307.98
0+110.00	3292606.47	437301.41
0+120.00	3292614.02	437294.85
0+130.00	3292621.56	437288.28
0+140.00	3292629.10	437281.71
0+145.97	3292633.60	437277.80
0+150.00	3292636.75	437275.27
0+152.98	3292639.20	437273.58
0+159.99	3292645.33	437270.18
0+160.00	3292645.33	437270.18
0+170.00	3292654.40	437265.96
0+180.00	3292663.47	437261.74
0+190.00	3292672.53	437257.52
0+197.46	3292679.29	437254.37
0+200.00	3292681.57	437253.24

Station	Northing	Easting
0+210.00	3292689.88	437247.71
0+220.00	3292696.93	437240.65
0+221.11	3292697.63	437239.78
0+230.00	3292702.44	437232.32
0+240.00	3292706.18	437223.06
0+244.77	3292707.30	437218.43
0+250.00	3292708.28	437213.29
0+260.00	3292710.16	437203.47
0+269.91	3292712.02	437193.73
0+270.00	3292712.04	437193.65
0+280.00	3292714.90	437184.08
0+290.00	3292719.60	437175.27
0+300.00	3292725.96	437167.58
0+310.00	3292733.72	437161.30
0+310.03	3292733.74	437161.29
0+320.00	3292742.58	437156.69
0+330.00	3292752.17	437153.93
0+340.00	3292762.12	437153.13
0+350.00	3292772.03	437154.32
0+350.14	3292772.17	437154.35
0+360.00	3292781.79	437156.53
0+370.00	3292791.54	437158.74
0+380.00	3292801.29	437160.95
0+390.00	3292811.05	437163.15
0+400.00	3292820.80	437165.36

Station	Northing	Easting
0+410.00	3292830.55	437167.57
0+413.79	3292834.25	437168.41
0+420.00	3292840.36	437169.52
0+430.00	3292850.32	437170.25
0+440.00	3292860.30	437169.65
0+445.19	3292865.42	437168.81
0+450.00	3292870.10	437167.72
0+460.00	3292879.56	437164.50
0+470.00	3292888.51	437160.06
0+476.60	3292894.06	437156.49
0+480.00	3292896.83	437154.52
0+490.00	3292905.00	437148.74
0+500.00	3292913.16	437142.97
0+510.00	3292921.32	437137.19
0+520.00	3292929.48	437131.41
0+530.00	3292937.64	437125.63
0+540.00	3292945.81	437119.86
0+550.00	3292953.97	437114.08
0+560.00	3292962.13	437108.30
0+570.00	3292970.29	437102.52
0+580.00	3292978.45	437096.75

PI No.	Northing	Easting
Start	3292523.50	437373.63
PI–1	3292638.93	437273.16
PI–2	3292702.49	437243.57
PI–3	3292721.73	437142.93
PI–4	3292866.81	437175.78

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
– PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
– "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
– PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
– GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

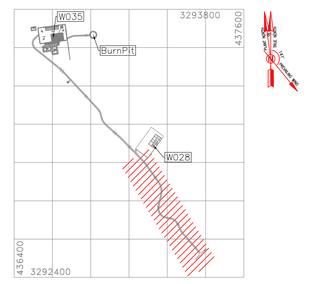
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout –W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans –W035	BK-W035-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION
PI= POINT OF INTERSECTION
PC= POINT OF CURVATURE STATION
MID= CURVE MID POINT STATION
PT= POINT OF TANGENT STATION

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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
W035 WELLHEAD FACILITIES

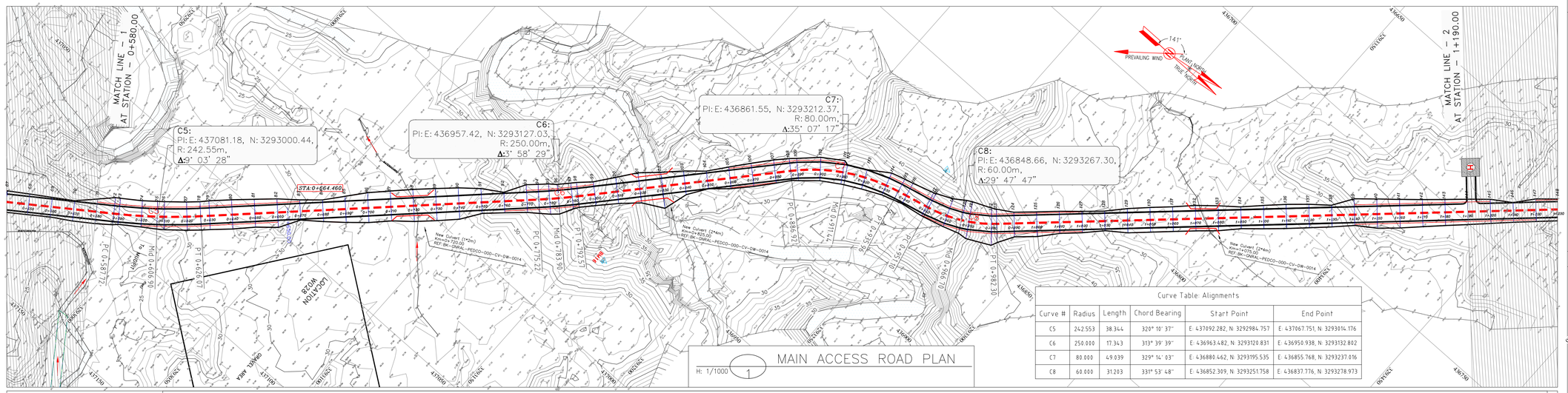
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS–W035
ACCESS ROAD PLAN AND PROFILE SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK–W035–PEDCO–110–CV–PY–0002	21 OF 59	D00

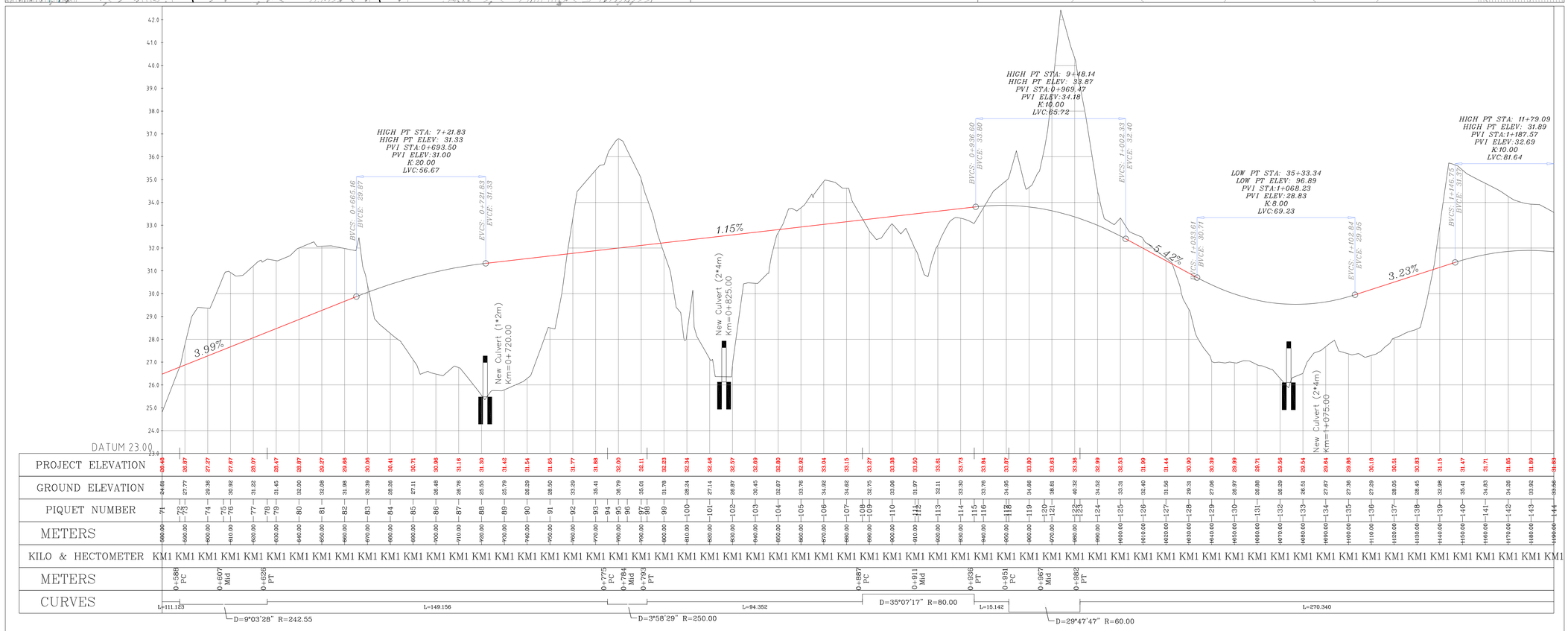
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053–073–9184	F	4	S	707778	21	D00



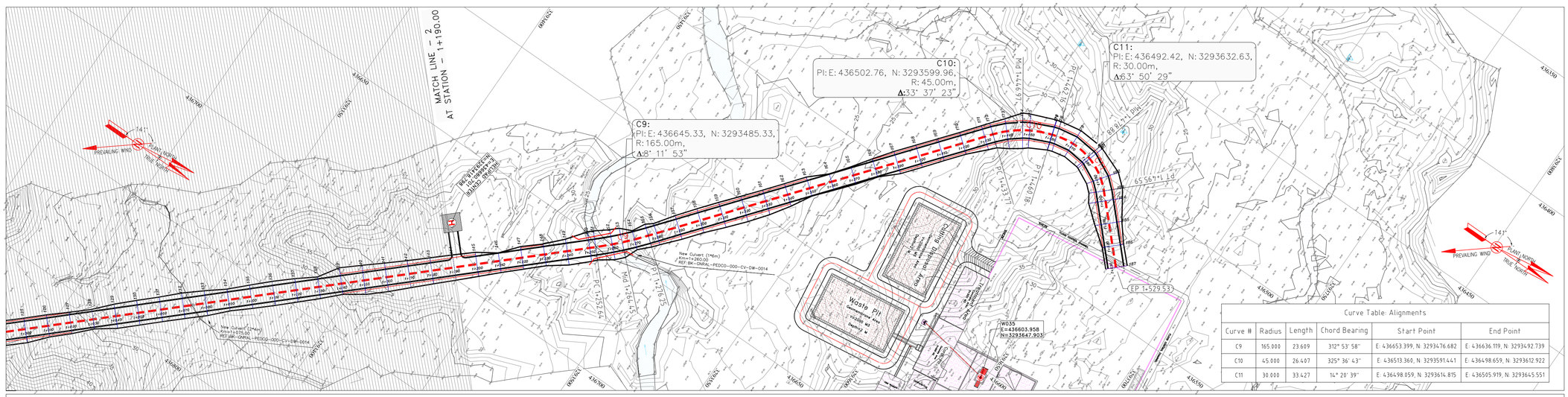
MAIN ACCESS ROAD PLAN

H: 1/1000 (1)

Curve Table: Alignments					
Curve #	Radius	Length	Chord Bearing	Start Point	End Point
C5	242.553	38.344	320° 10' 37"	E: 437092.282, N: 3292984.757	E: 437067.751, N: 3293014.176
C6	250.000	17.343	313° 39' 39"	E: 436963.482, N: 3293120.831	E: 436950.938, N: 3293132.802
C7	80.000	49.039	329° 14' 03"	E: 436880.462, N: 3293195.535	E: 436855.768, N: 3293237.016
C8	60.000	31.203	331° 53' 48"	E: 436852.309, N: 3293251.758	E: 436837.776, N: 3293278.973



| | | | | |

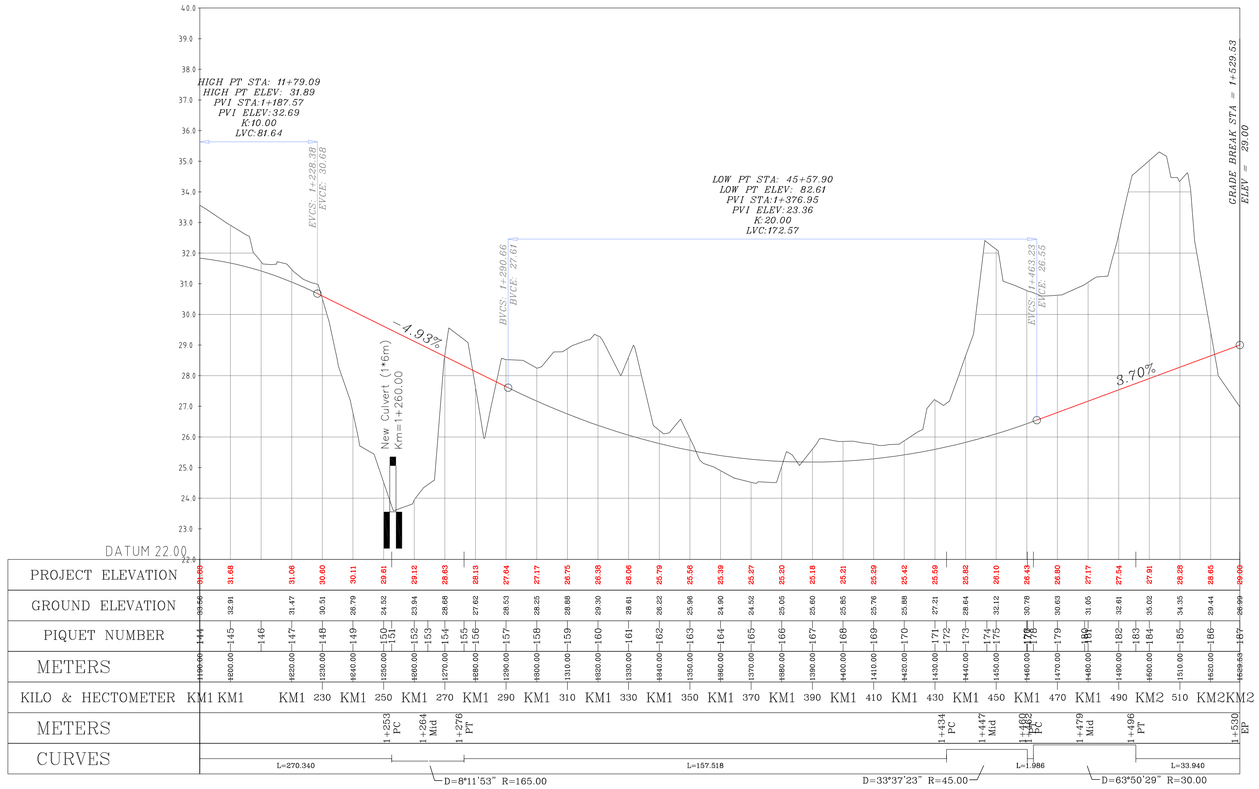


Curve Table: Alignments

Curve #	Radius	Length	Chord Bearing	Start Point	End Point
C9	165.000	23.609	312° 53' 58"	E: 436653.399, N: 3293476.682	E: 436636.119, N: 3293492.739
C10	45.000	26.407	325° 36' 43"	E: 436513.360, N: 3293591.441	E: 436498.659, N: 3293612.922
C11	30.000	33.427	14° 20' 39"	E: 436498.059, N: 3293614.815	E: 436505.919, N: 3293645.551

MAIN ACCESS ROAD PLAN

H: 1/1000 — 1



MAIN ACCESS ROAD PROFILE

H: 1/1000
V: 1/100 — 2

Coordinate of Bench Marks (UTM–ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

Station	Northing	Easting
1+200.00	3293438.18	436689.30
1+210.00	3293445.50	436682.48
1+220.00	3293452.81	436675.66
1+230.00	3293460.12	436668.84
1+240.00	3293467.44	436662.02
1+250.00	3293474.75	436655.20
1+252.64	3293476.68	436653.40
1+260.00	3293481.95	436648.26
1+264.45	3293485.02	436645.05
1+270.00	3293488.73	436640.92
1+276.25	3293492.74	436636.12
1+280.00	3293495.09	436633.20
1+290.00	3293501.35	436625.40
1+300.00	3293507.62	436617.61
1+310.00	3293513.89	436609.82
1+320.00	3293520.15	436602.02
1+330.00	3293526.42	436594.23
1+340.00	3293532.69	436586.44
1+350.00	3293538.95	436578.64
1+360.00	3293545.22	436570.85
1+370.00	3293551.48	436563.06
1+380.00	3293557.75	436555.26
1+390.00	3293564.02	436547.47
1+400.00	3293570.28	436539.68
1+410.00	3293576.55	436531.88

Station	Northing	Easting
1+420.00	3293582.81	436524.09
1+430.00	3293589.08	436516.30
1+433.77	3293591.44	436513.36
1+440.00	3293595.67	436508.79
1+446.97	3293601.10	436504.42
1+450.00	3293603.65	436502.80
1+460.00	3293612.75	436498.71
1+460.18	3293612.92	436498.66
1+462.16	3293614.82	436498.06
1+470.00	3293622.51	436496.69
1+478.88	3293631.31	436497.59
1+480.00	3293632.39	436497.89
1+490.00	3293641.33	436502.26
1+495.59	3293645.55	436505.92
1+500.00	3293648.60	436509.11
1+510.00	3293655.51	436516.33
1+520.00	3293662.43	436523.56
1+529.53	3293669.01	436530.44

PI No.	Northing	Easting
PI–9	3293485.33	436645.33
PI–10	3293599.96	436502.76
PI–11	3293632.63	436492.42
End	3293669.01	436530.44

NOTES

1– ALL COORDINATES AND ELEVATIONS ARE IN METER.
2– ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3– GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4– THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
– PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
– "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
– PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK–GNRAL–PEDCO–000–CV–SP–0004".
– GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5– BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

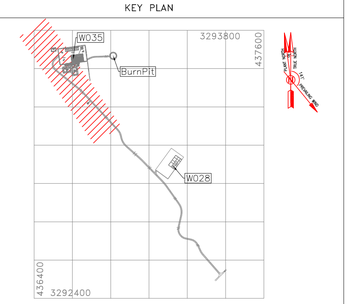
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
SPOT HEIGHT (99.27)
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout –W035	BK–W035–PEDCO–110–CV–PY–0001
Rough Grading Plans –W035	BK–W035–PEDCO–110–CV–DW–0001
Standard Drawing For Culvert & Details	BK–GNRAL–PEDCO–000–CV–DW–0014
Specification For Road & Paving	BK–GNRAL–PEDCO–000–CV–SP–0002
Standard Drawing For Slope Protection Details	BK–GNRAL–PEDCO–000–CV–DW–0002

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION
PI= POINT OF INTERSECTION
PC= POINT OF CURVATURE STATION
MID= CURVE MID POINT STATION
PT= POINT OF TANGENT STATION

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
***	**********	**.**	***.****	**.**	***.****
		CHECKED		REV. APPR.	
D00	JAN.2023	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 W035 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–W035
ACCESS ROAD PLAN AND PROFILE SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK–W035–PEDCO–110–CV–PY–0002	23 OF 59	D00

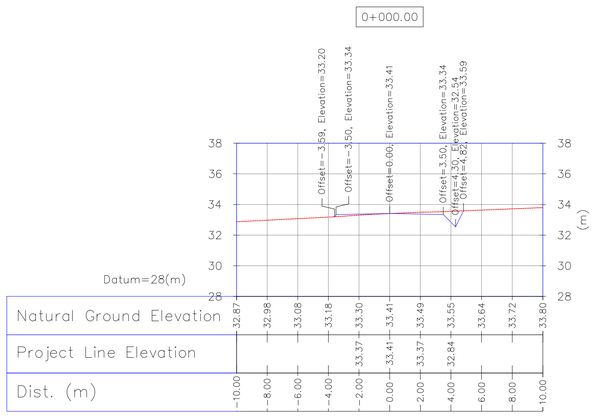
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

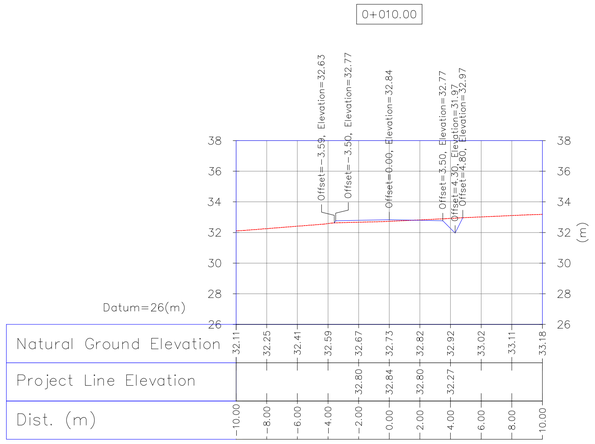
BINAK OILFIELD DEVELOPMENT
SUB–SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

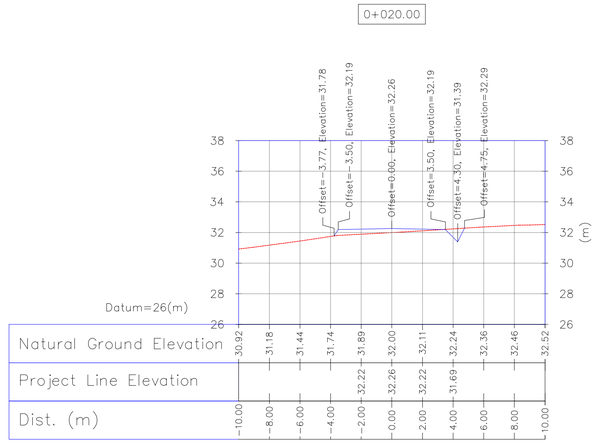
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

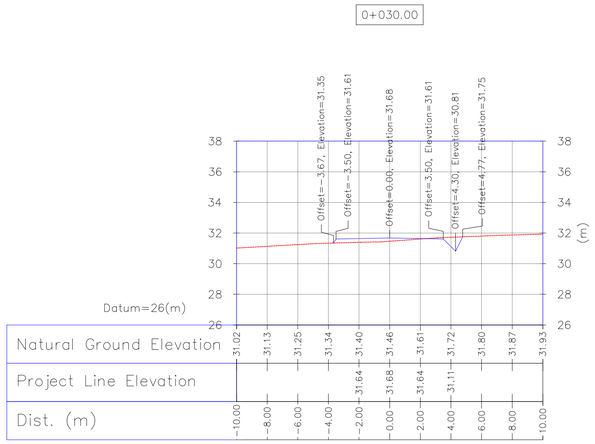
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

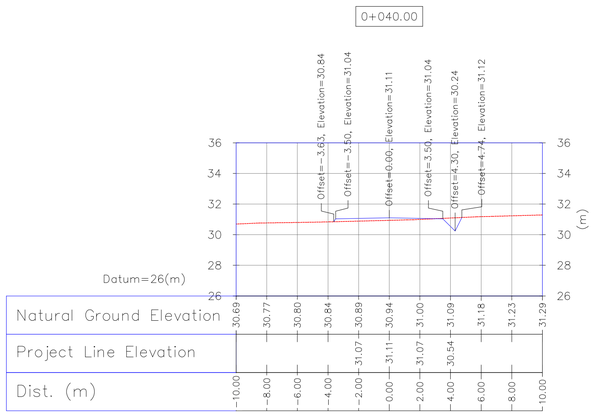
APPROVED FOR CONSTRUCTION		BY:		DATE:		
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053–073–9184	F	4	S	707778	23	D00

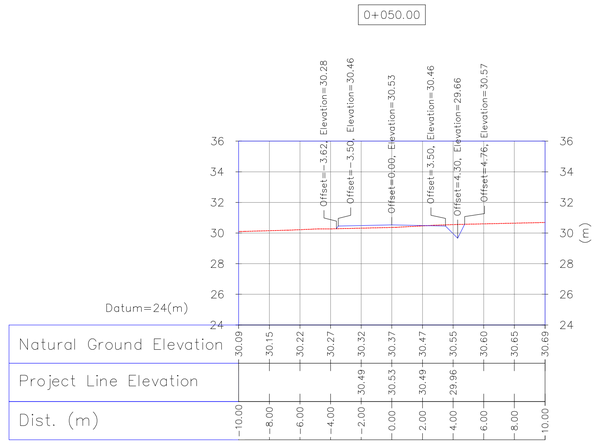












Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,..) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

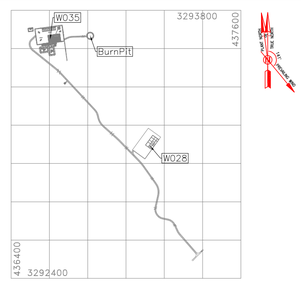
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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-W035 ACCESS ROAD TRANSVERSAL SECTIONS KM 0 ~50M

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	24 OF 59	D00

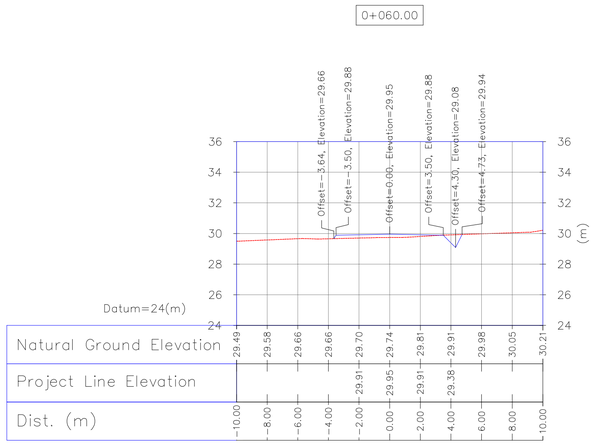
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

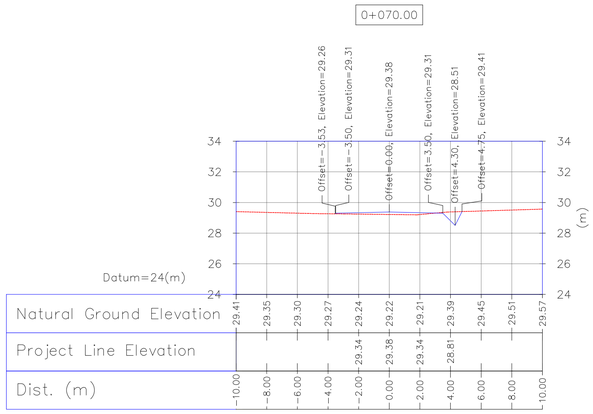
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

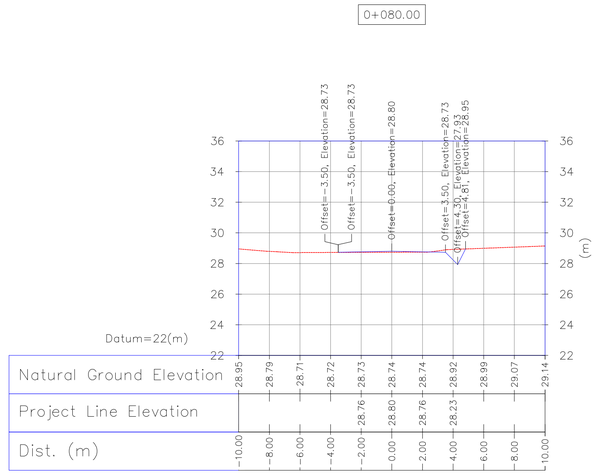
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

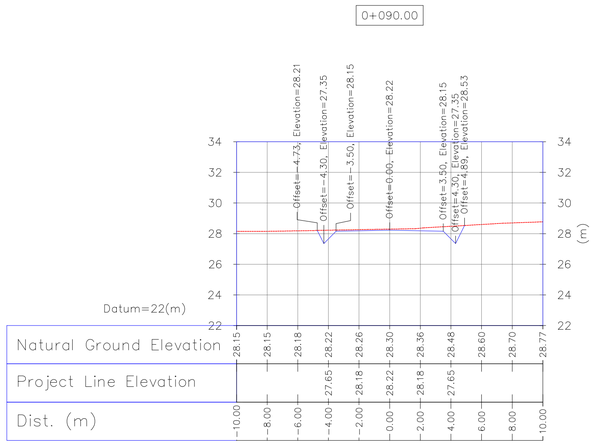
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE:

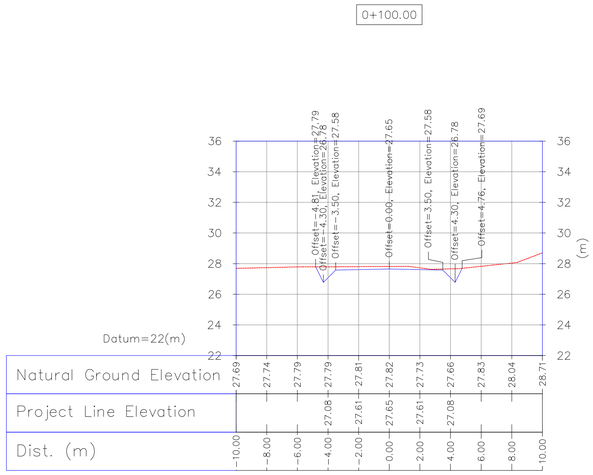
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	24	D00

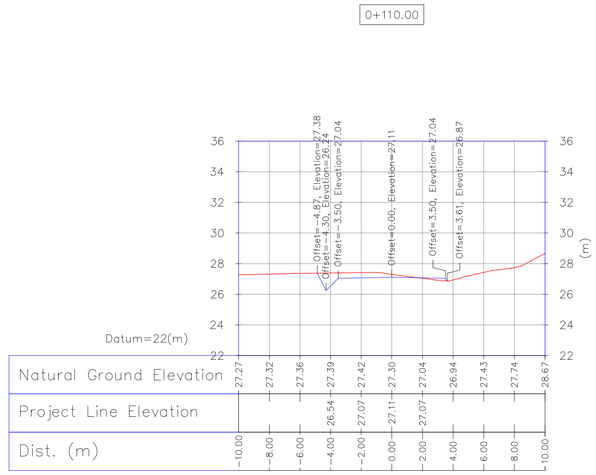












Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,..) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

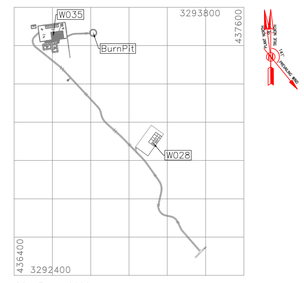
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60, 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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
W035 WELLHEAD FACILITIES

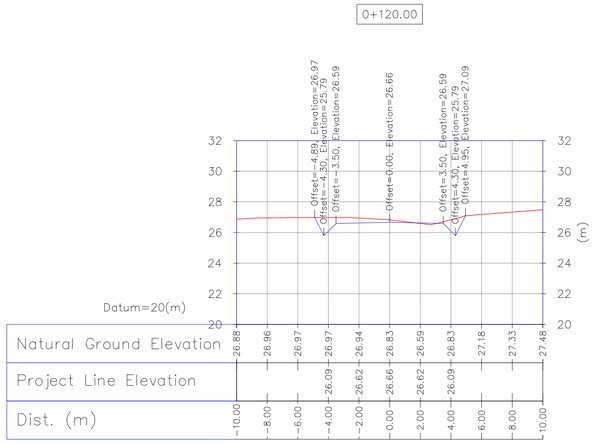
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
ACCESS ROAD TRANSVERSAL SECTIONS KM 60 ~110M

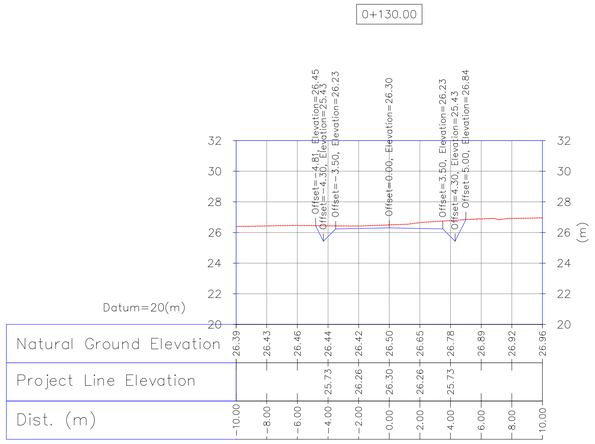
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

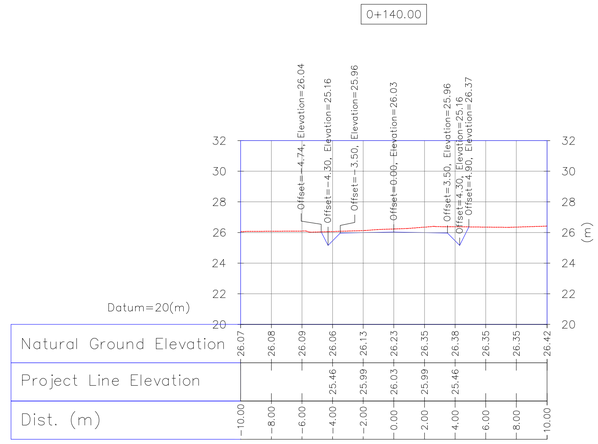
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE:

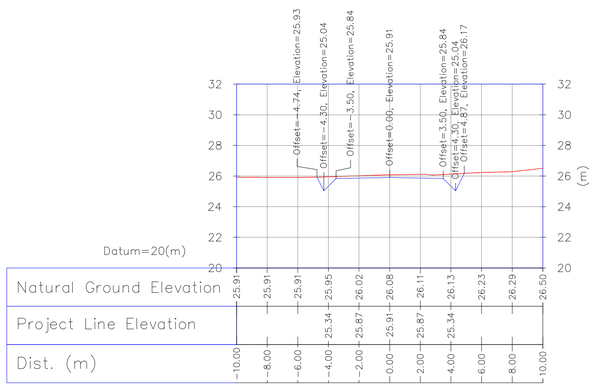
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	25 OF 59	D00

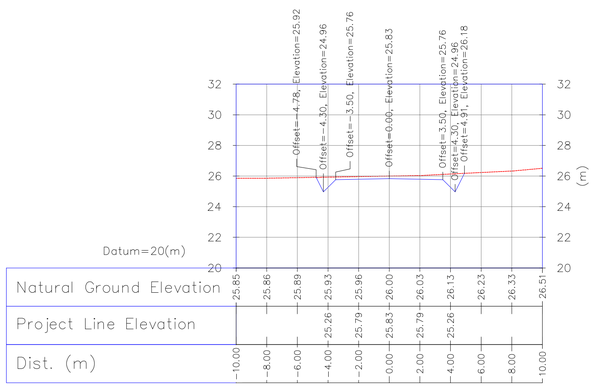
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	25	D00

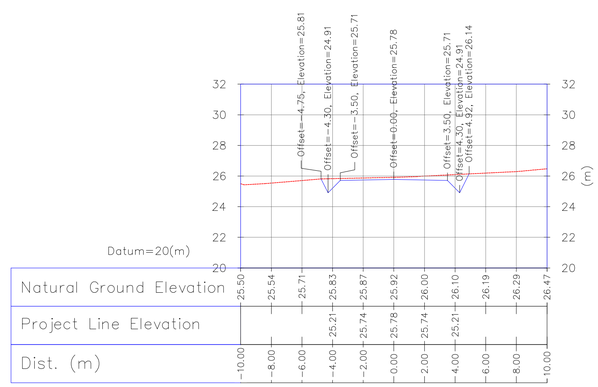












Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

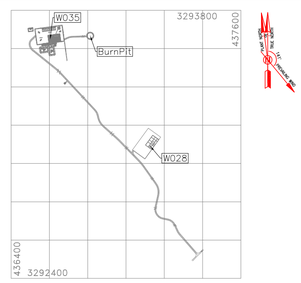
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60, 50)
SPOT HEIGHT (99.27)
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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-W035
ACCESS ROAD TRANSVERSAL SECTIONS KM 120 ~152.98M

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	26 OF 59	D00

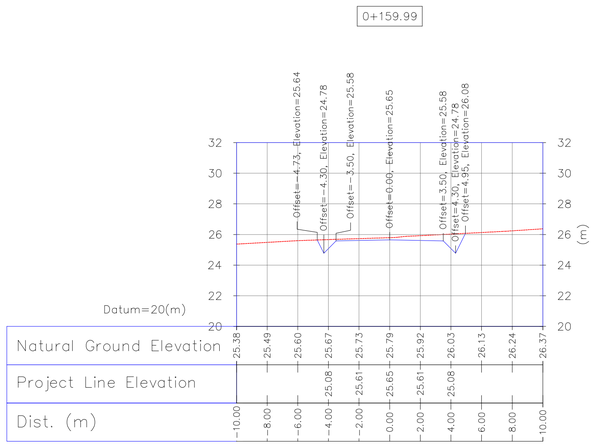
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

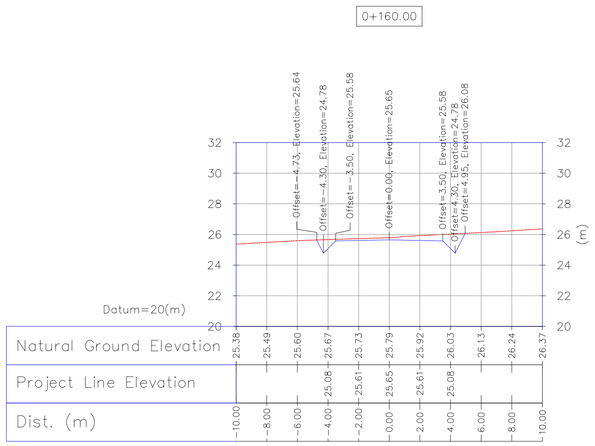
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

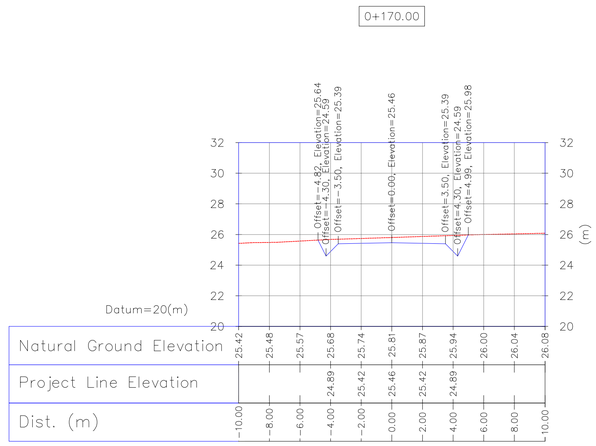
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

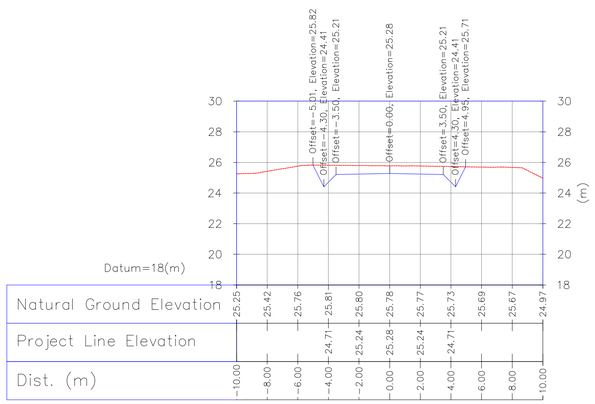
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE:

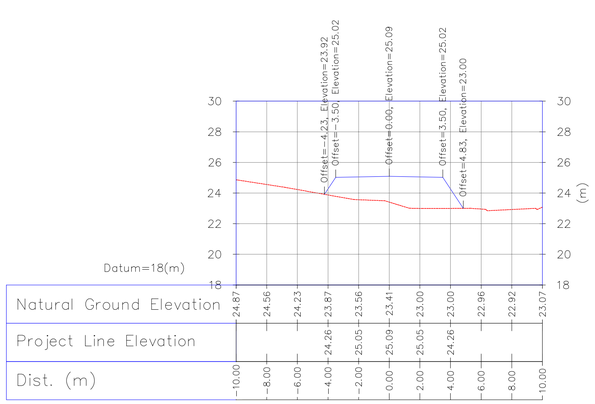
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	26	D00

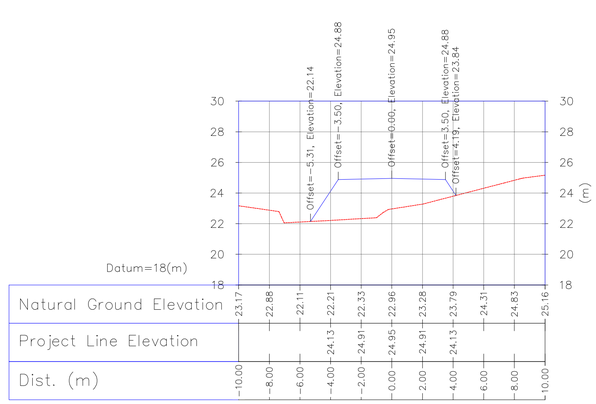












Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

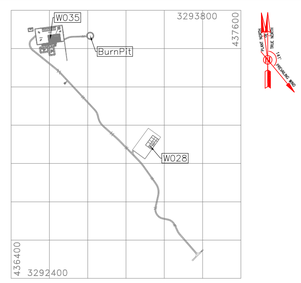
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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-W035
ACCESS ROAD TRANSVERSAL SECTIONS KM 159.99 ~197.46M

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	27 OF 59	D00

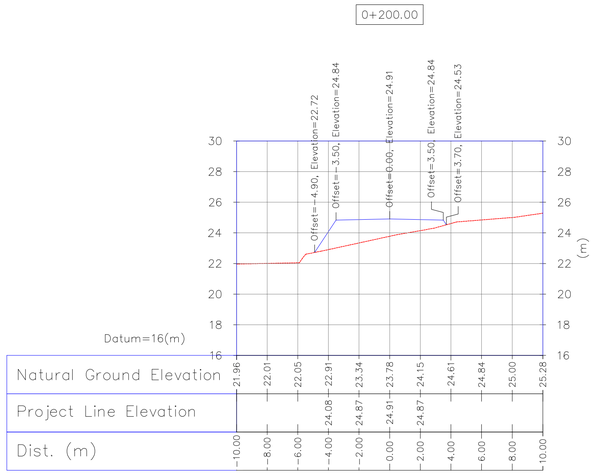
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

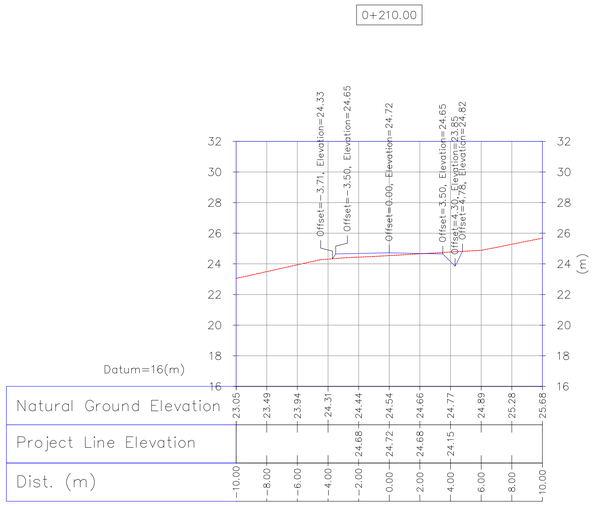
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

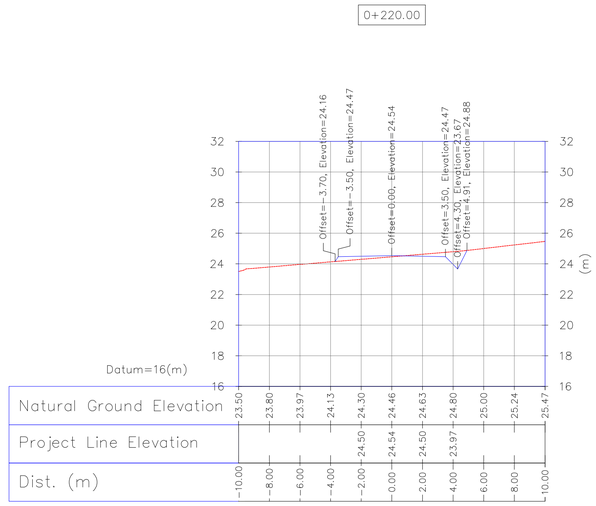
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

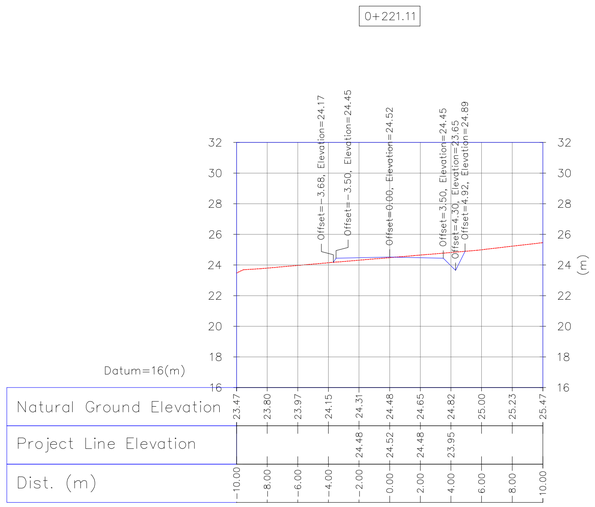
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE:

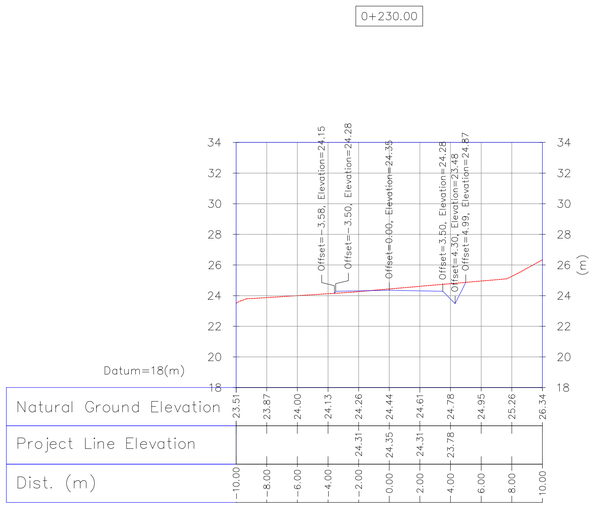
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	27	D00

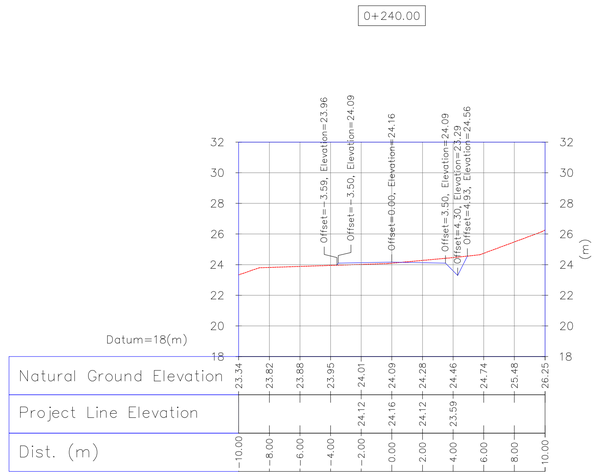












Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,..) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

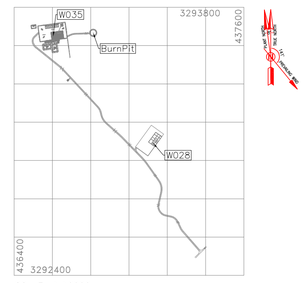
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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
W035 WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
ACCESS ROAD TRANSVERSAL SECTIONS KM 200 ~240M

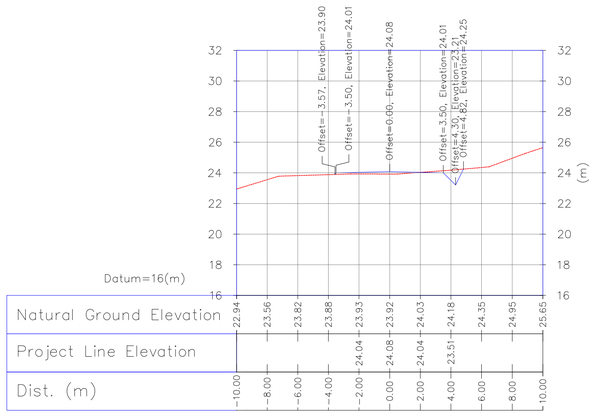
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	28 OF 59	D00

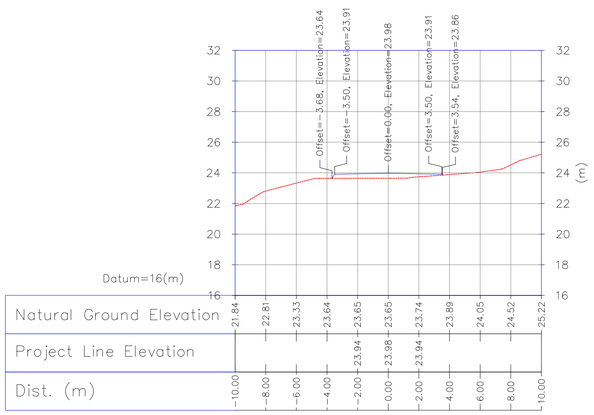
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	28	D00

0+244.77



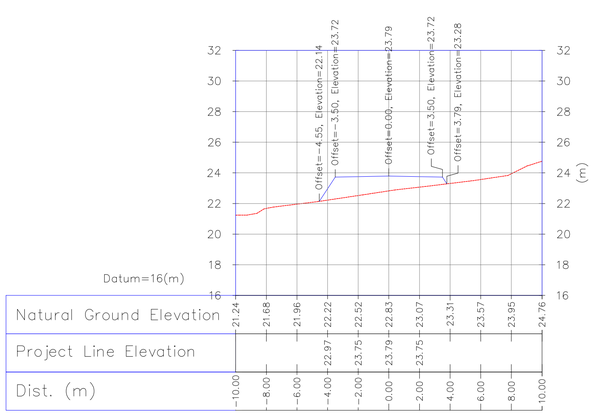
Natural Ground Elevation	22.94	23.56	23.82	23.88	23.93	23.92	24.03	24.18	24.35	24.95	25.65									
Project Line Elevation						24.08	24.04	23.51												
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00									

0+250.00



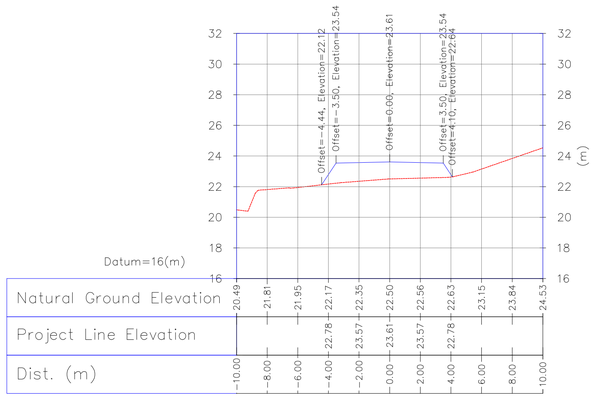
Natural Ground Elevation	21.84	22.81	23.33	23.64	23.65	23.65	23.74	23.89	24.05	24.52	25.22									
Project Line Elevation						23.94	23.98	23.94												
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00									

0+260.00



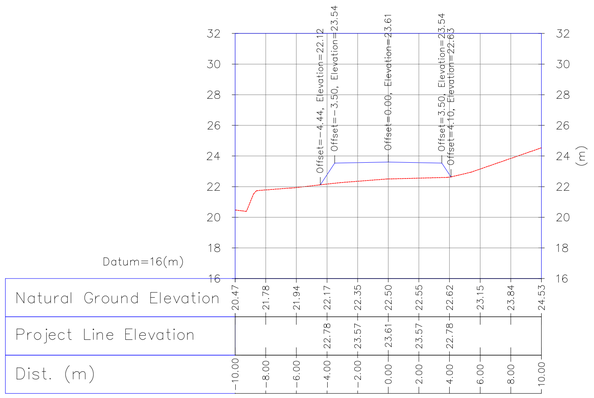
Natural Ground Elevation	21.24	21.68	21.96	22.22	22.52	22.83	23.07	23.31	23.57	23.95	24.76									
Project Line Elevation				22.97	23.75	23.79	23.75													
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00									

0+269.91



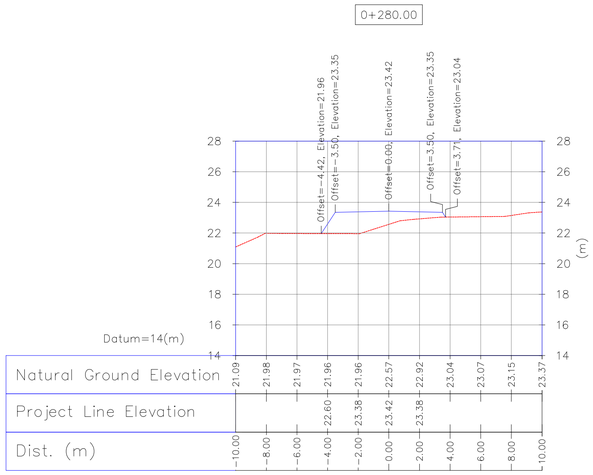
Natural Ground Elevation	20.49	21.81	21.95	22.17	22.35	22.50	22.56	22.63	23.15	23.84	24.53									
Project Line Elevation				22.78	23.57	23.61	23.57	22.78												
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00									

0+270.00



Natural Ground Elevation	20.47	21.78	21.94	22.17	22.35	22.50	22.55	22.62	23.15	23.84	24.53									
Project Line Elevation				22.78	23.57	23.61	23.57	22.78												
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00									

0+280.00



Natural Ground Elevation	21.09	21.98	21.97	21.96	21.96	22.57	22.92	23.04	23.07	23.15	23.37									
Project Line Elevation				22.60	23.38	23.42	23.38													
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00									

Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,..) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

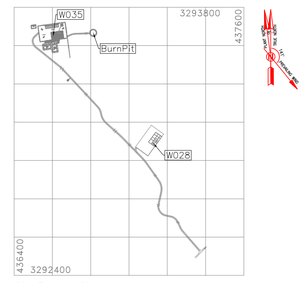
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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
W035 WELLHEAD FACILITIES

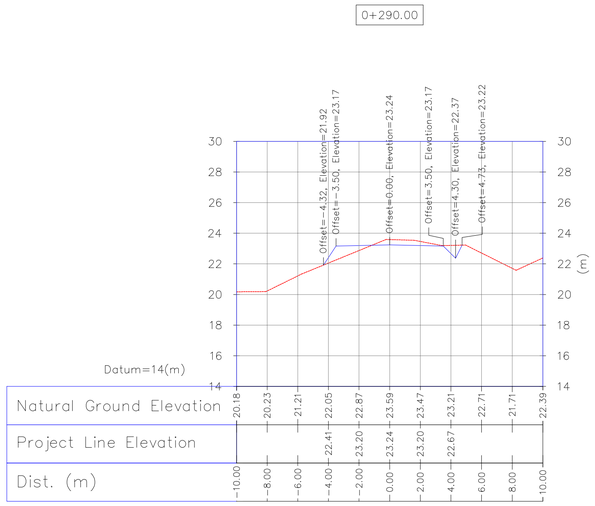
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
ACCESS ROAD TRANSVERSAL SECTIONS KM 244.77 ~280M

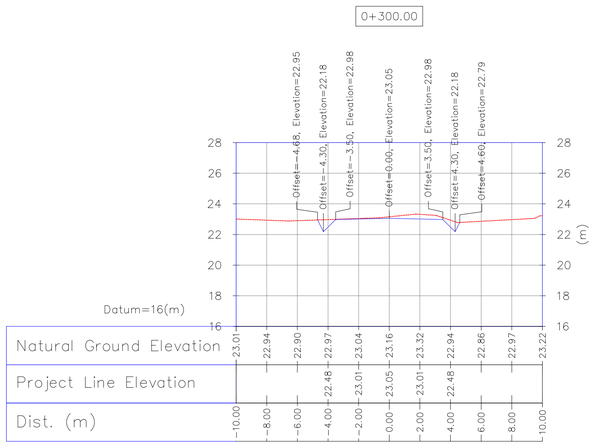
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

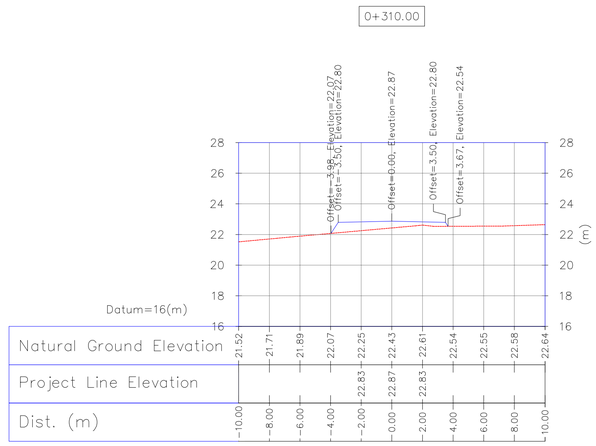
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	29 OF 59	D00

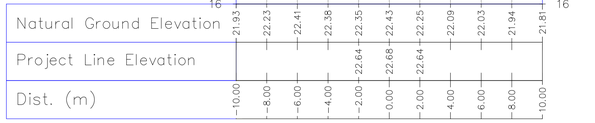
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	29	D00

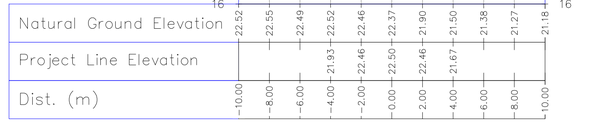












Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,..) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

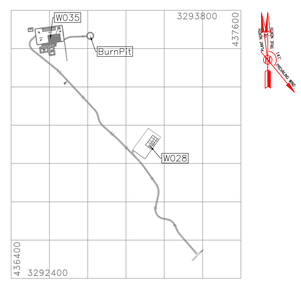
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60, 50)
SPOT HEIGHT (99.27)
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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-W035 ACCESS ROAD TRANSVERSAL SECTIONS KM 290 ~330M

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	30 OF 59	D00

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
W035 WELLHEAD FACILITIES

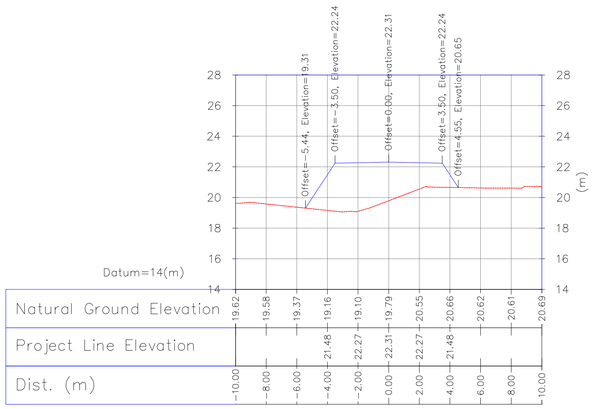
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION	BY:	DATE:

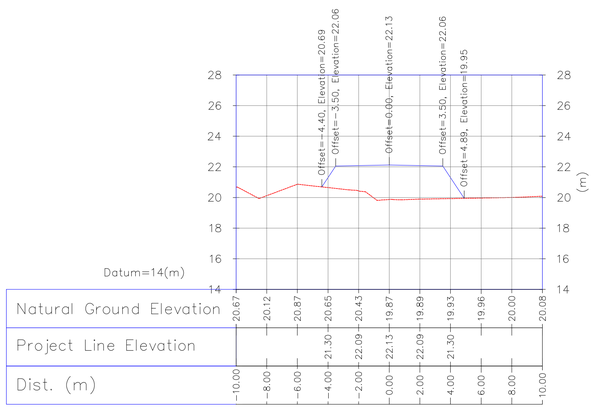
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	30	D00

0+340.00



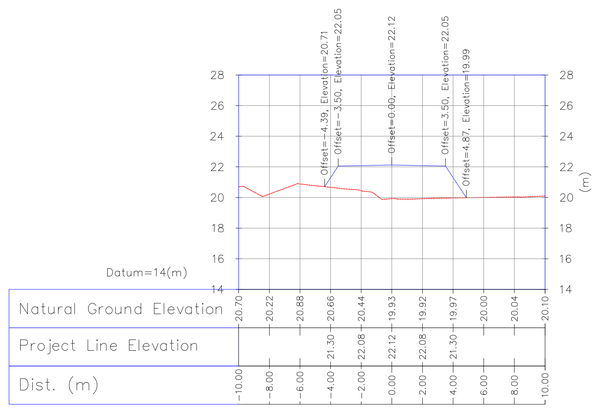
Natural Ground Elevation	19.62	19.58	19.37	19.16	19.10	19.79	20.55	20.66	20.62	20.61	20.69								
Project Line Elevation				21.48	22.27	22.31	22.27	21.48											
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00								

0+350.00



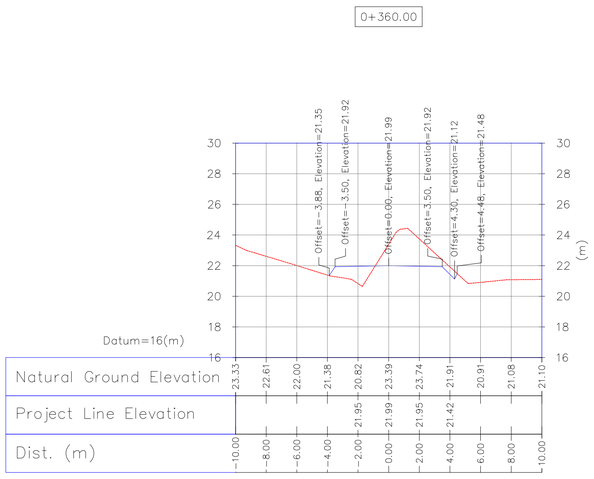
Natural Ground Elevation	20.67	20.12	20.87	20.65	20.43	19.87	19.89	19.93	19.96	20.00	20.08								
Project Line Elevation				21.30	22.09	22.13	22.09	21.30											
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00								

0+350.14



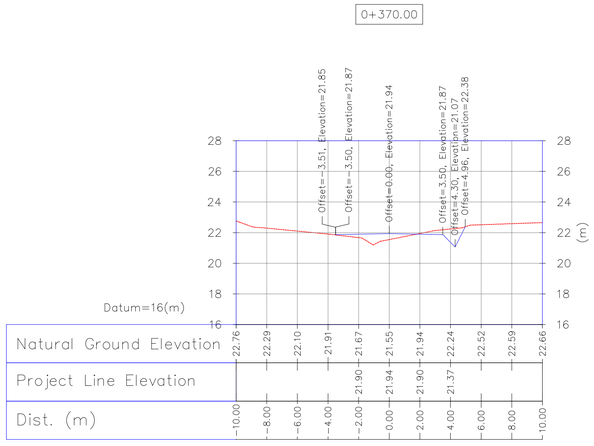
Natural Ground Elevation	20.70	20.22	20.88	20.66	20.44	19.93	19.92	19.97	20.00	20.04	20.10								
Project Line Elevation				21.30	22.08	22.12	22.08	21.30											
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00								

0+360.00



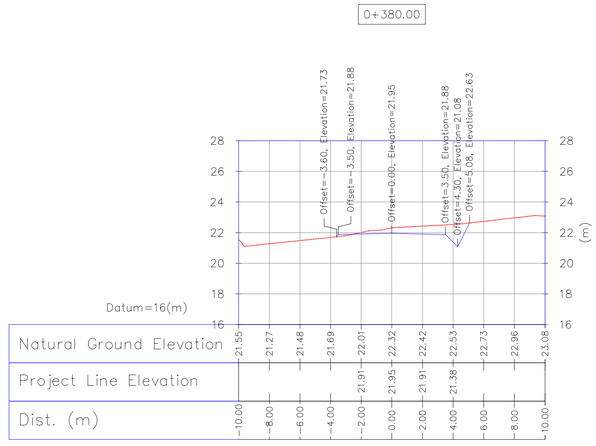
Natural Ground Elevation	23.33	22.61	22.00	21.38	20.82	21.99	23.39	23.74	21.91	20.91	21.08	21.10							
Project Line Elevation					21.95	21.99	21.95	21.42											
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00								

0+370.00



Natural Ground Elevation	22.76	22.29	22.10	21.91	21.67	21.55	21.94	22.24	22.52	22.59	22.66								
Project Line Elevation					21.90	21.94	21.90	21.37											
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00								

0+380.00



Natural Ground Elevation	21.55	21.27	21.48	21.69	22.01	22.32	22.42	22.53	22.73	22.96	23.08								
Project Line Elevation					21.91	21.95	21.91	21.38											
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00								

Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,..) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

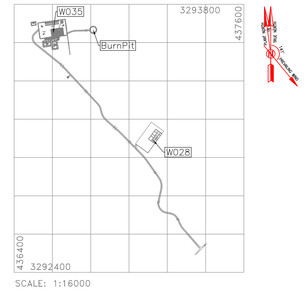
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

أصل 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 W035 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
W035 WELLHEAD FACILITIES

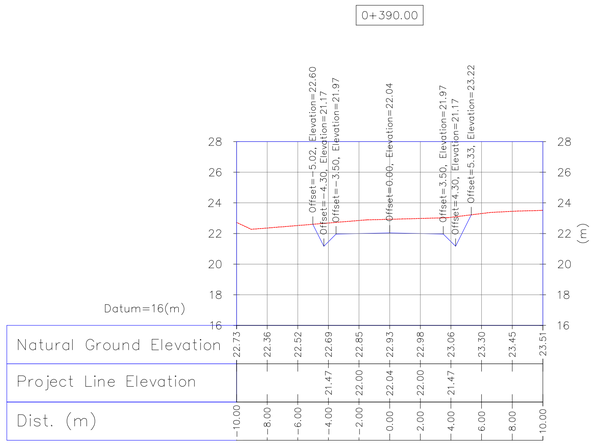
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
ACCESS ROAD TRANSVERSAL SECTIONS KM 340 ~380M

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

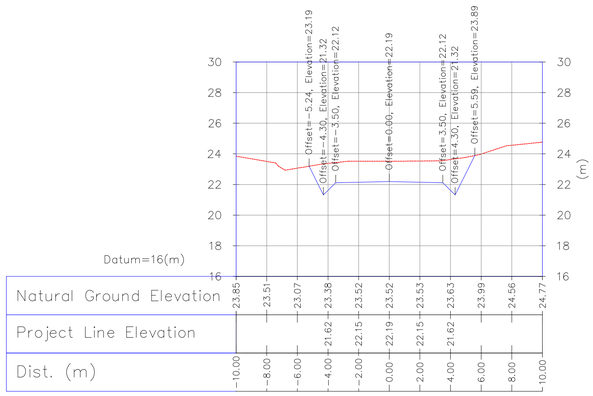
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	31 OF 59	D00	053-073-9184	F	4	S	707778	31	D00

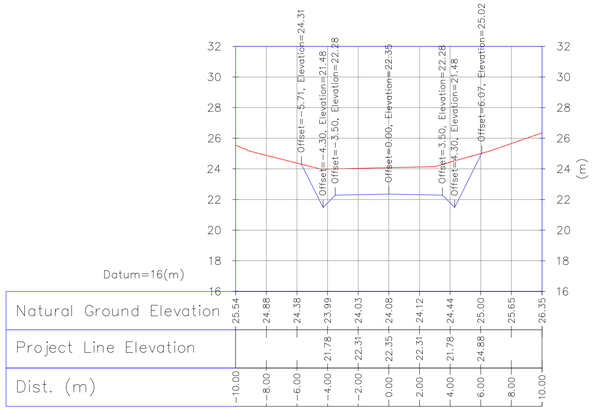
0+390.00



0+400.00



0+410.00



0+413.79

0+420.00

0+430.00

Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARH,..) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

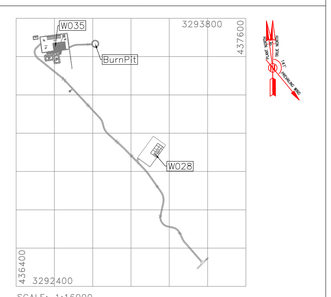
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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-W035
ACCESS ROAD TRANSVERSAL SECTIONS KM 390 ~430M

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	32 OF 59	D00

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

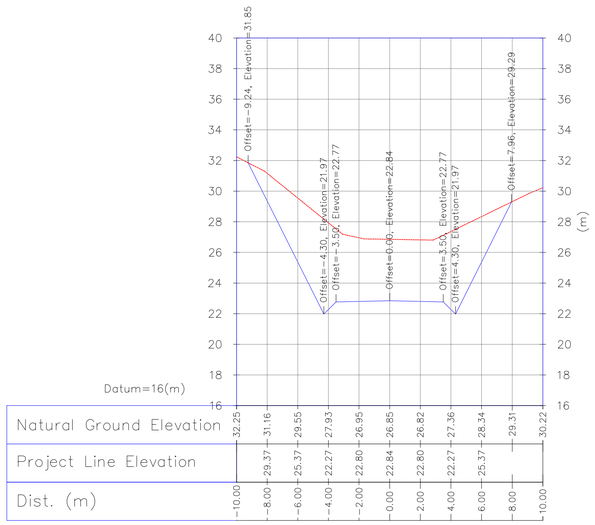
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

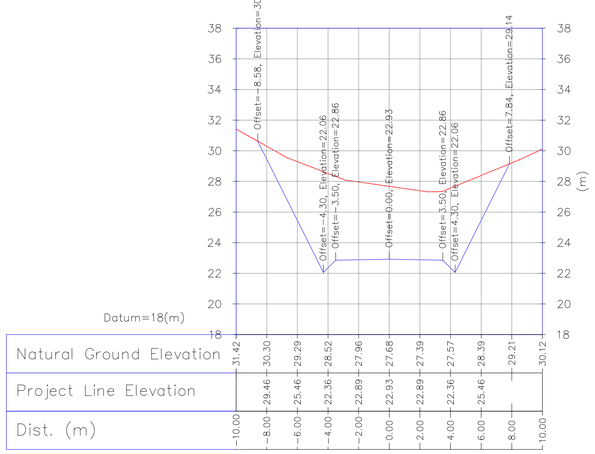
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	32	D00

0+440.00



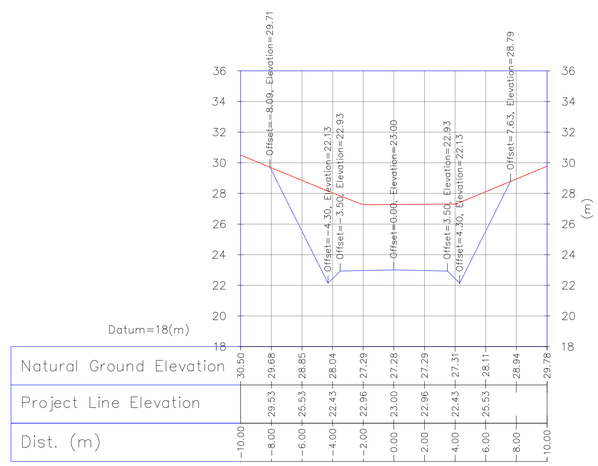
Natural Ground Elevation	32.25	31.16	29.55	27.93	26.95	26.85	26.82	27.36	28.34	29.31	30.22
Project Line Elevation		29.37	25.37	22.27	22.80	22.84	22.80	22.27	25.37		
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00

0+445.19



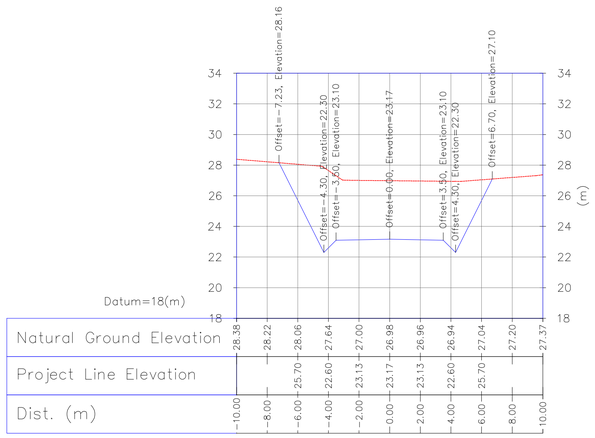
Natural Ground Elevation	31.42	30.30	29.29	28.52	27.96	27.68	27.39	27.57	28.39	29.21	30.12
Project Line Elevation		29.46	25.46	22.36	22.89	22.93	22.89	22.36	25.46		
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00

0+450.00



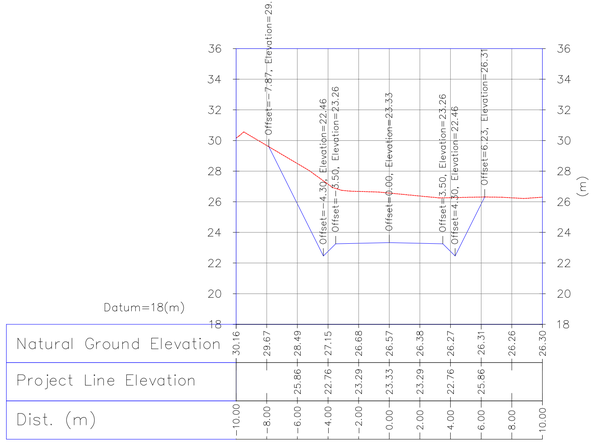
Natural Ground Elevation	30.50	29.68	28.85	28.04	27.29	27.28	27.29	27.31	28.11	28.94	29.78
Project Line Elevation		29.53	25.53	22.43	22.96	23.00	22.96	22.43	25.53		
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00

0+460.00



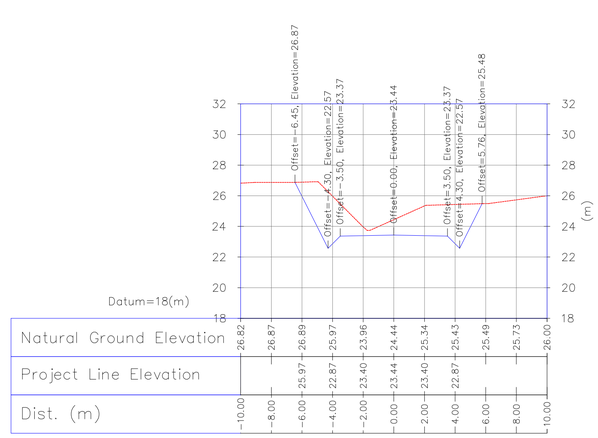
Natural Ground Elevation	28.38	28.22	28.06	27.64	27.00	26.98	26.96	26.94	27.04	27.20	27.37
Project Line Elevation		25.70	22.60	23.13	23.17	23.13	22.60	25.70			
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00

0+470.00



Natural Ground Elevation	30.16	29.67	28.49	27.15	26.68	26.57	26.38	26.27	26.31	26.26	26.30
Project Line Elevation		25.86	22.76	23.29	23.33	23.29	22.76	25.86			
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00

0+476.60



Natural Ground Elevation	26.82	26.87	26.89	25.97	23.96	24.44	25.34	25.43	25.49	25.73	26.00
Project Line Elevation		25.97	22.87	23.40	23.44	23.40	22.87	25.43			
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00

Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,..) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

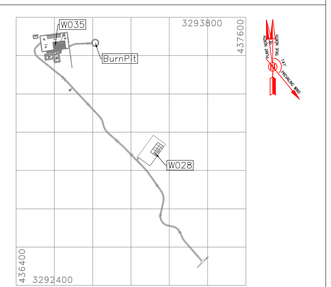
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.	
D00	JAN.2023	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 W035 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
W035 WELLHEAD FACILITIES

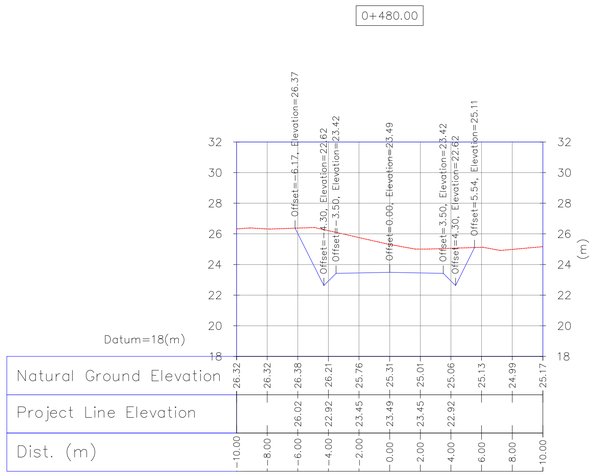
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
ACCESS ROAD TRANSVERSAL SECTIONS KM 440 ~476.6M

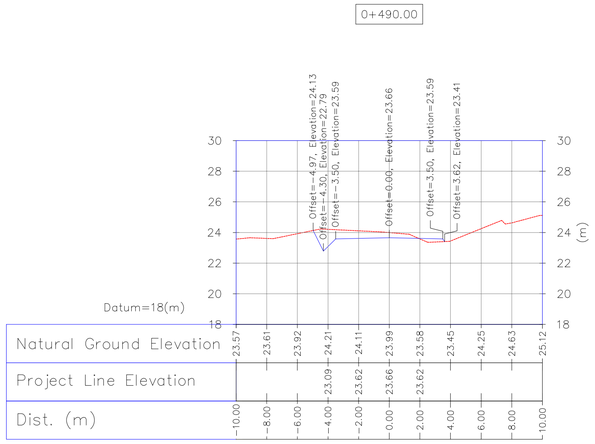
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	33 OF 59	D00

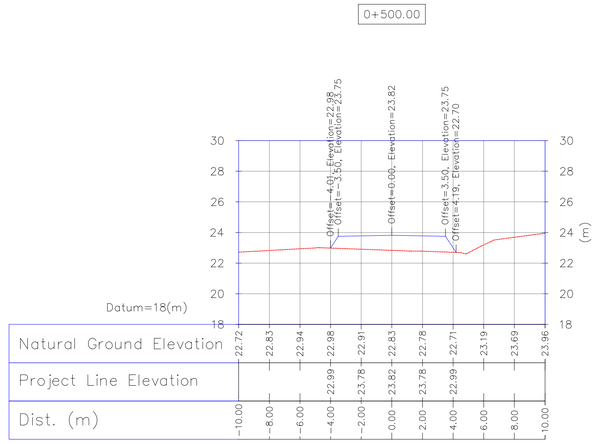
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

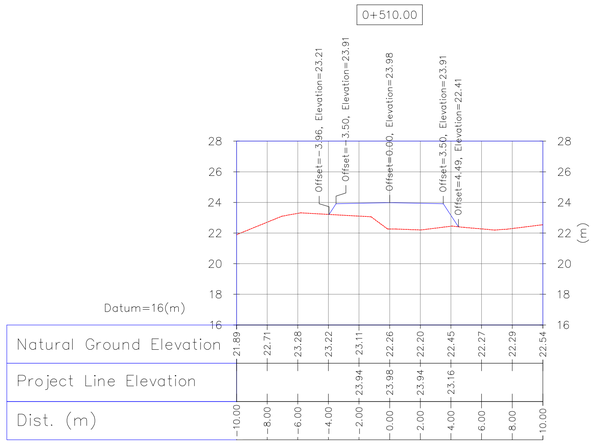
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE:

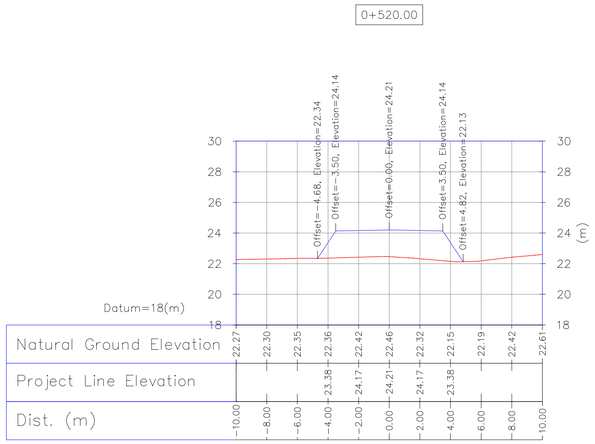
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	33	D00

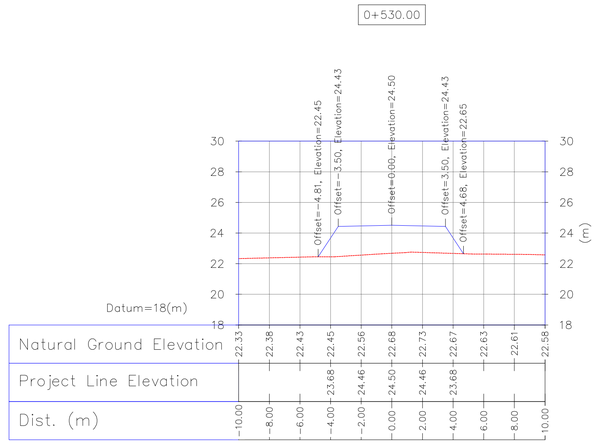












Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,..) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

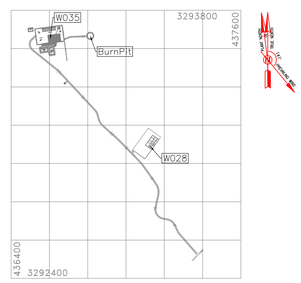
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60, 50)
SPOT HEIGHT (99.27)
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.	
D00	JAN.2023	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 W035 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-W035 ACCESS ROAD TRANSVERSAL SECTIONS KM 480 ~530M

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	34 OF 59	D00

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
W035 WELLHEAD FACILITIES

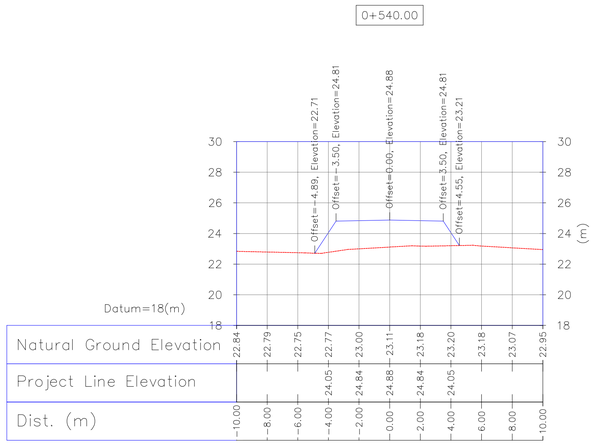
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

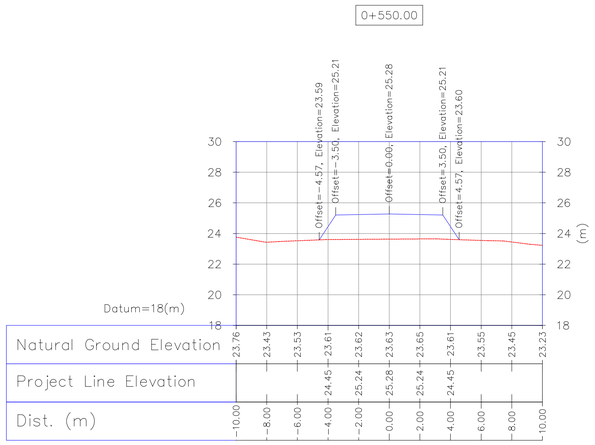
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	34	D00

0+540.00



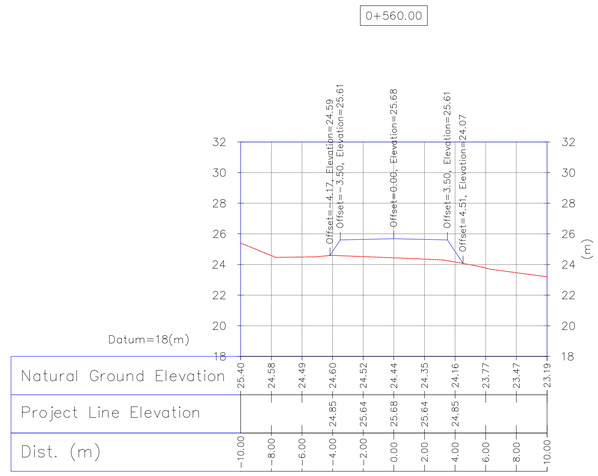
Natural Ground Elevation	22.84	22.79	22.75	22.77	23.00	23.11	23.18	23.20	23.18	23.07	22.95
Project Line Elevation				24.05	24.84	24.88	24.84	24.05			
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00

0+550.00



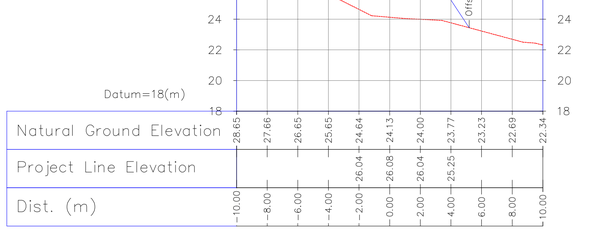
Natural Ground Elevation	23.76	23.43	23.53	23.61	23.62	23.63	23.65	23.61	23.55	23.45	23.23
Project Line Elevation				24.45	25.24	25.28	25.24	24.45			
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00

0+560.00



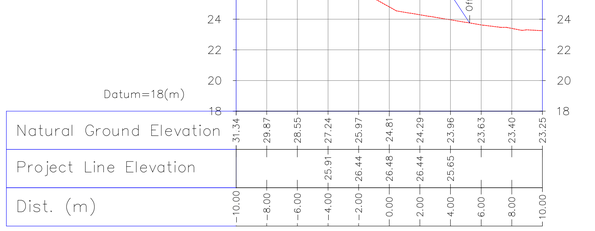
Natural Ground Elevation	25.40	24.58	24.49	24.60	24.52	24.44	24.35	24.16	23.77	23.47	23.19
Project Line Elevation				24.85	25.64	25.68	25.64	24.85			
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00

0+570.00



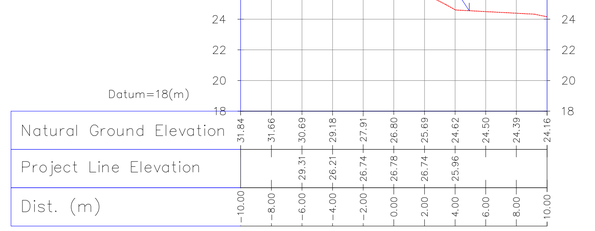
Natural Ground Elevation	28.65	27.66	26.65	25.65	24.64	24.13	24.00	23.77	23.23	22.69	22.34
Project Line Elevation					26.04	26.08	26.04	25.25			
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00

0+580.00



Natural Ground Elevation	31.34	29.87	28.55	27.24	25.97	24.81	24.29	23.96	23.63	23.40	23.25
Project Line Elevation				25.91	26.44	26.48	26.44	25.65			
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00

0+587.72



Natural Ground Elevation	31.84	31.66	30.69	29.18	27.91	26.80	25.69	24.62	24.50	24.39	24.16
Project Line Elevation				26.21	26.74	26.78	26.74	25.96			
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00

Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

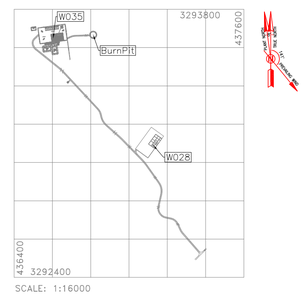
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
SPOT HEIGHT (99.27)
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.
***	**********	**	***.****	**	***.****
D00	JAN.2023	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 W035 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
W035 WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

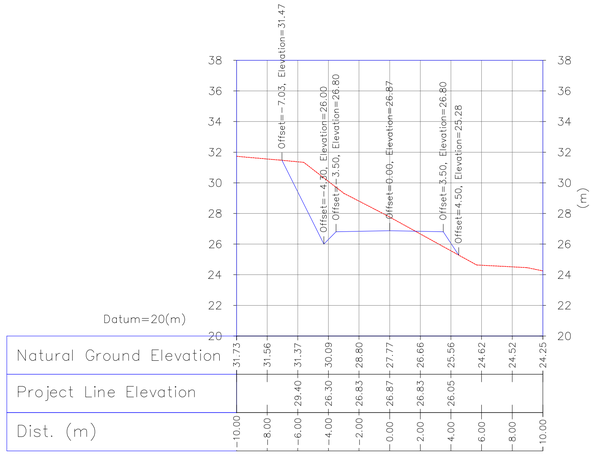
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
ACCESS ROAD TRANSVERSAL SECTIONS KM 540 ~587.72M

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	35 OF 59	D00

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	35	D00

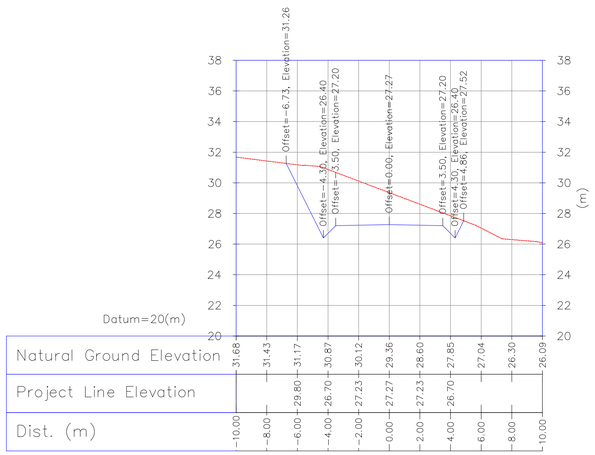
0+590.00



Datum=20(m)

Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Natural Ground Elevation	31.73	31.56	31.37	30.09	28.80	27.77	26.66	25.56	24.62	24.52	24.25
Project Line Elevation			29.40	26.30	26.83	26.87	26.83	26.05			

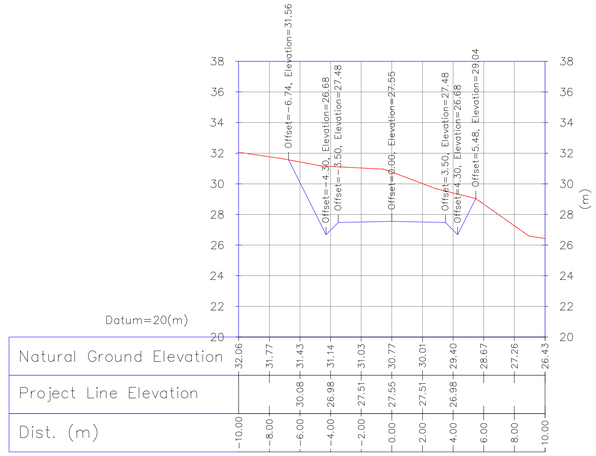
0+600.00



Datum=20(m)

Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Natural Ground Elevation	31.68	31.43	31.17	30.87	30.12	29.36	28.60	27.85	27.04	26.30	26.09
Project Line Elevation			29.80	26.70	27.23	27.27	27.23	26.70			

0+606.90



Datum=20(m)

Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Natural Ground Elevation	32.06	31.77	31.43	31.14	31.03	30.77	30.01	29.40	28.67	27.26	26.43
Project Line Elevation			30.08	26.98	27.51	27.55	27.51	26.98			

0+610.00

Datum=22(m)

Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Natural Ground Elevation	32.01	31.72	31.43	31.17	31.04	30.92	30.72	30.47	29.39	28.06	26.73
Project Line Elevation			30.20	27.10	27.63	27.67	27.63	27.10			

0+620.00

Datum=22(m)

Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Natural Ground Elevation	31.57	31.61	31.59	31.46	31.34	31.22	30.95	30.77	30.45	30.16	29.87
Project Line Elevation			30.60	27.50	28.03	28.07	28.03	27.50			

0+626.07

Datum=22(m)

Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Natural Ground Elevation	31.52	31.59	31.69	31.81	31.66	31.52	31.35	31.18	31.01	30.96	30.95
Project Line Elevation			30.84	27.74	28.27	28.31	28.27	27.74	30.84		

Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,..) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

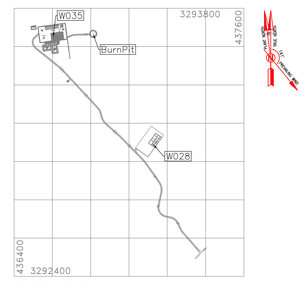
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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-W035
ACCESS ROAD TRANSVERSAL SECTIONS KM 590 ~626.07M

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	36 OF 59	D00

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

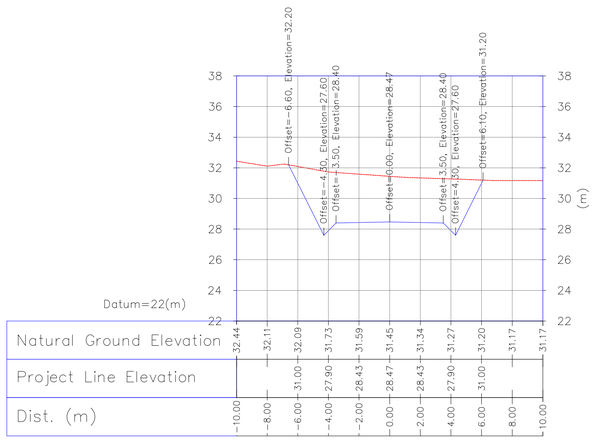
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

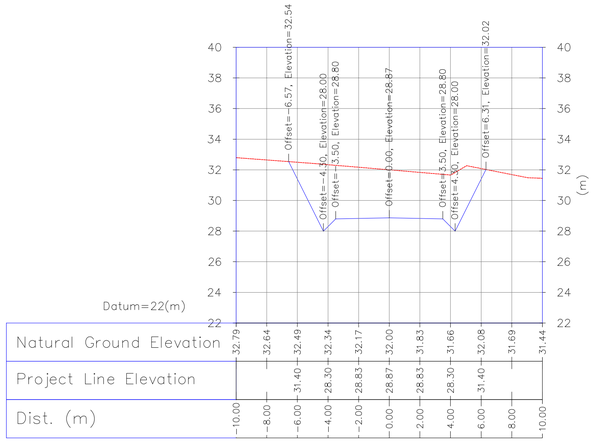
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	36	D00

0+630.00



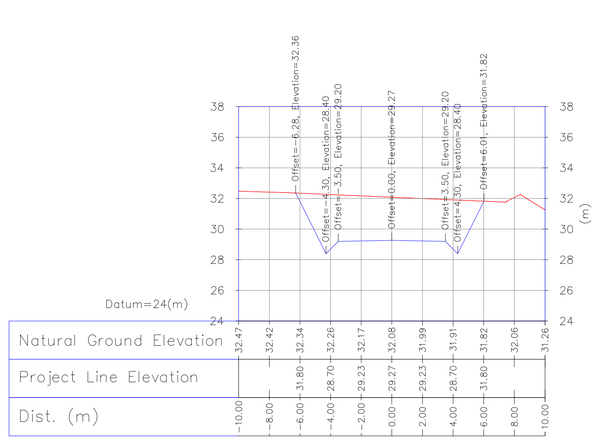
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Project Line Elevation		31.00	32.09	27.90	28.43	28.47	28.43	27.90	31.00		
Natural Ground Elevation	32.44	32.11		31.73	31.59	31.45	31.34	31.27	31.20	31.17	31.17

0+640.00



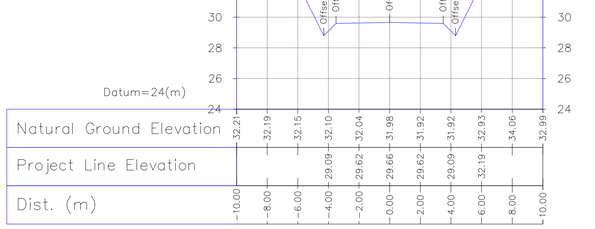
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Project Line Elevation		31.40	32.49	28.30	28.83	28.87	28.83	28.30	31.40		
Natural Ground Elevation	32.79	32.64		32.34	32.17	32.00	31.83	31.66	32.08	31.69	31.44

0+650.00



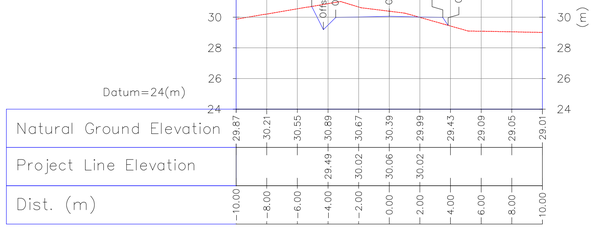
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Project Line Elevation		31.80	32.34	28.70	29.23	29.27	29.23	28.70	31.80		
Natural Ground Elevation	32.47	32.42		32.26	32.17	32.08	31.99	31.91	31.82	32.06	31.26

0+660.00



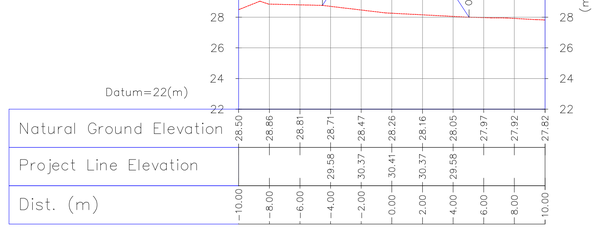
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Project Line Elevation		29.09	29.62	29.66	29.62	29.09	32.19				
Natural Ground Elevation	32.21	32.19	32.15	32.10	32.04	31.98	31.92	31.92	32.93	34.06	32.99

0+670.00



Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Project Line Elevation		30.55	30.89	29.49	30.02	30.06	30.02				
Natural Ground Elevation	29.87	30.21		30.67	30.39	29.99	29.43	29.09	29.05		29.01

0+680.00



Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Project Line Elevation		28.81	29.58	30.37	30.41	30.37	29.58				
Natural Ground Elevation	28.50	28.86		28.71	28.47	28.26	28.16	28.05	27.97	27.92	27.82

Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARH,..) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

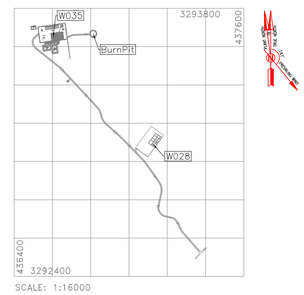
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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
W035 WELLHEAD FACILITIES

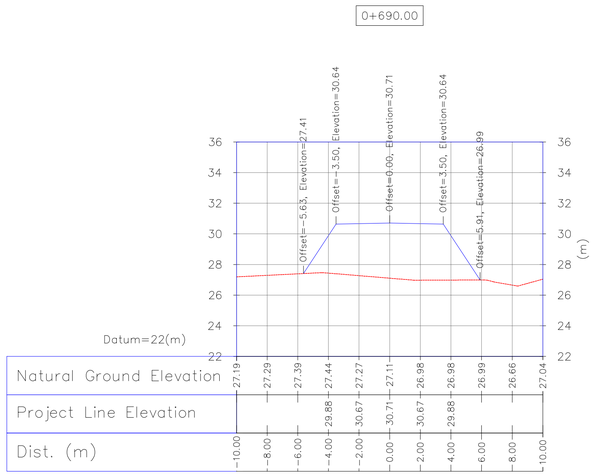
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
ACCESS ROAD TRANSVERSAL SECTIONS KM 630 ~680M

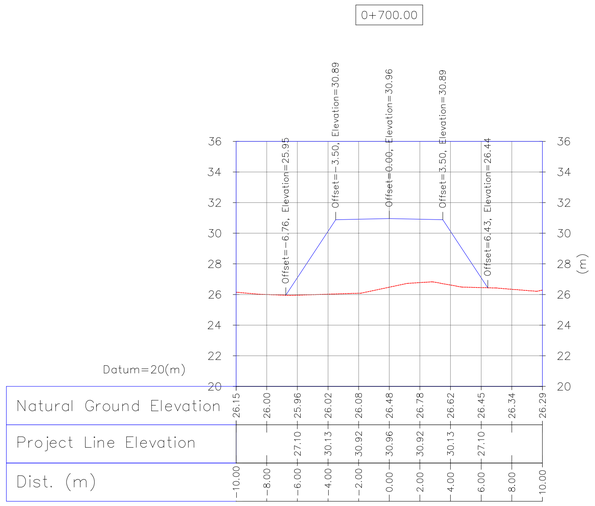
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

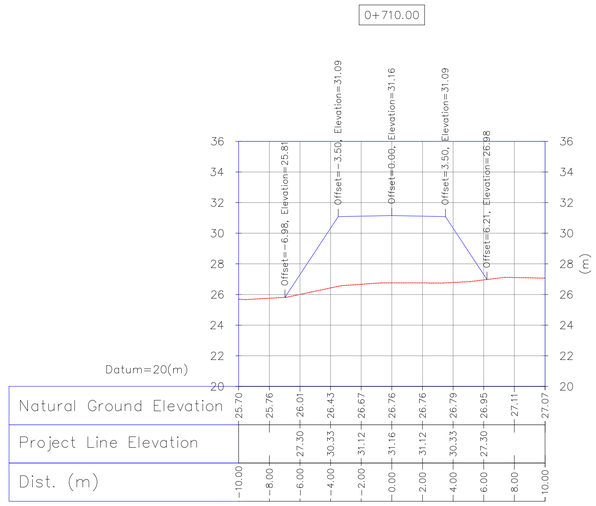
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE:

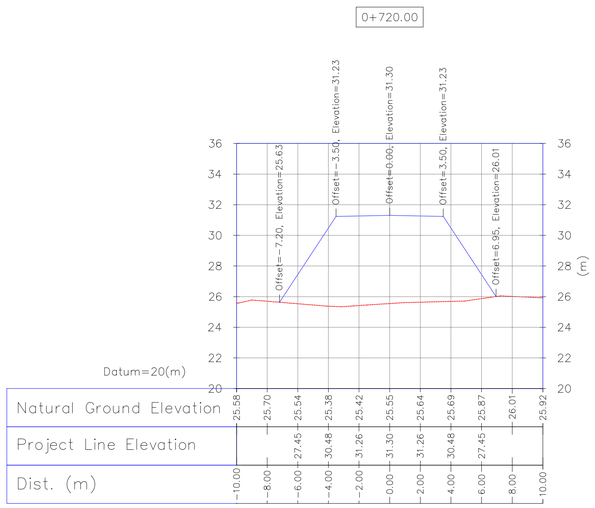
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	37 OF 59	D00

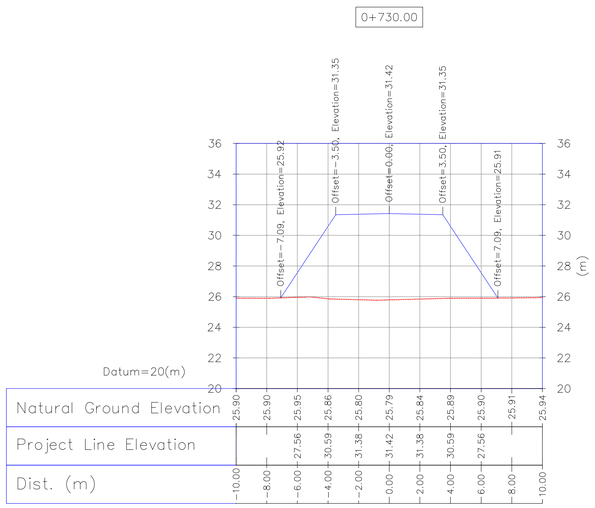
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	37	D00

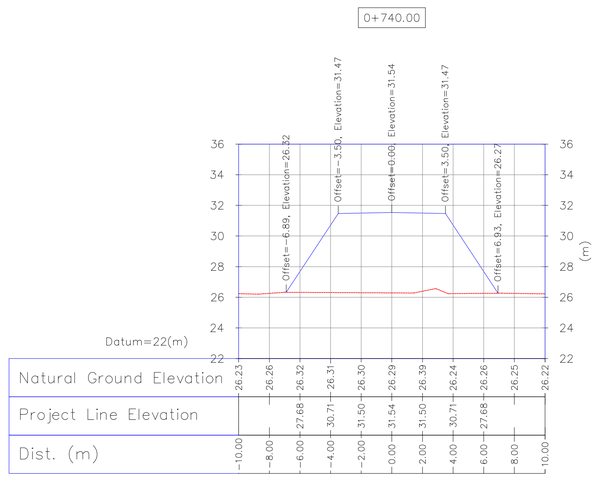












Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,..) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

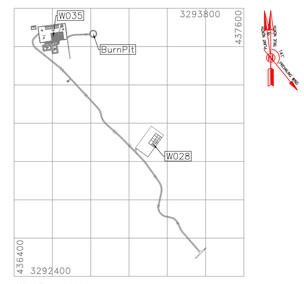
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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
W035 WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
ACCESS ROAD TRANSVERSAL SECTIONS KM 690 ~740M

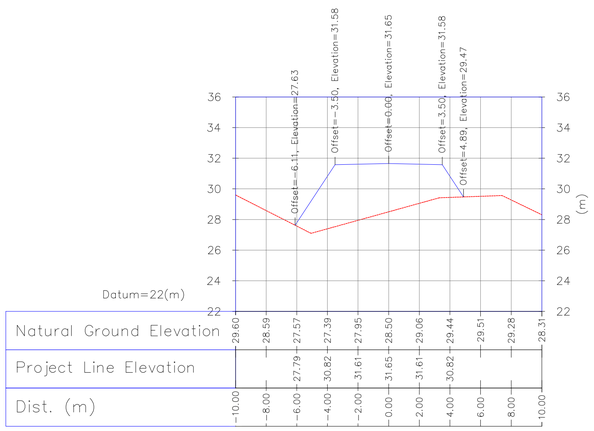
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	38 OF 59	D00

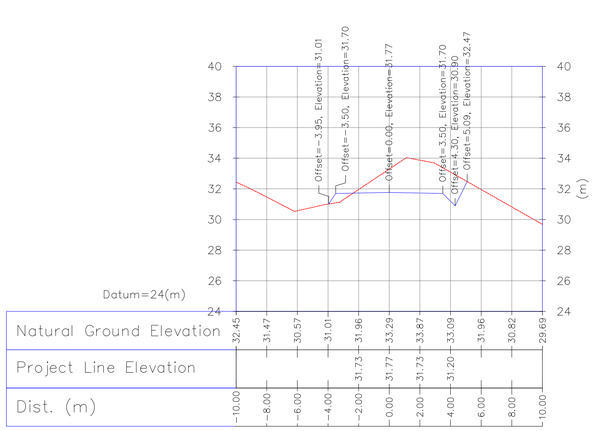
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	38	D00

0+750.00



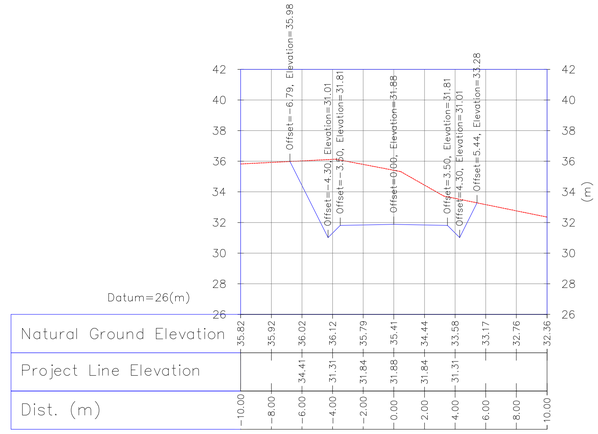
Natural Ground Elevation	29.60	28.59	27.57	27.39	27.95	28.50	29.06	29.44	29.51	29.28	28.31
Project Line Elevation			27.79	30.82	31.61	31.65	31.61	30.82			
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00

0+760.00



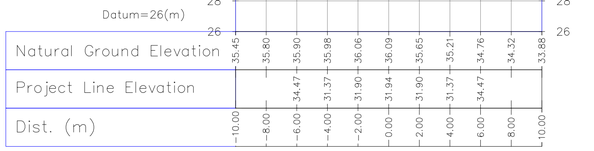
Natural Ground Elevation	32.45	31.47	30.57	31.01	31.96	33.29	33.87	33.09	31.96	30.82	29.69
Project Line Elevation					31.73	31.77	31.73	31.20			
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00

0+770.00



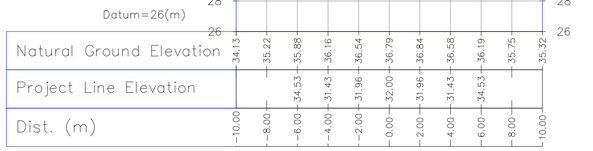
Natural Ground Elevation	35.82	35.92	36.02	36.12	35.79	35.41	34.44	33.58	33.17	32.76	32.36
Project Line Elevation			34.41	31.31	31.84	31.88	31.84	31.31			
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00

0+775.22



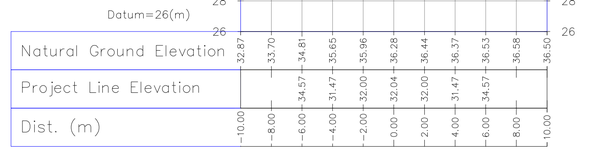
Natural Ground Elevation	35.45	35.80	35.90	35.98	36.06	36.09	35.65	35.21	34.76	34.32	33.88
Project Line Elevation			34.47	31.37	31.90	31.94	31.90	31.37	34.47		
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00

0+780.00



Natural Ground Elevation	34.13	35.22	35.88	36.16	36.54	36.79	36.84	36.58	36.19	35.75	35.32
Project Line Elevation			34.53	31.43	31.96	32.00	31.96	31.43	34.53		
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00

0+783.90



Natural Ground Elevation	32.87	33.70	34.81	35.65	35.96	36.28	36.44	36.37	36.53	36.58	36.50
Project Line Elevation			34.57	31.47	32.00	32.04	32.00	31.47	34.57		
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00

Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,..) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

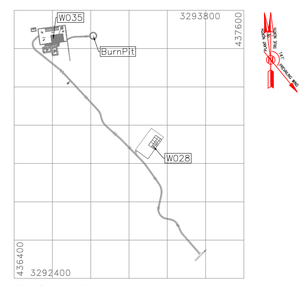
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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
W035 WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
ACCESS ROAD TRANSVERSAL SECTIONS KM 750 ~783.9M

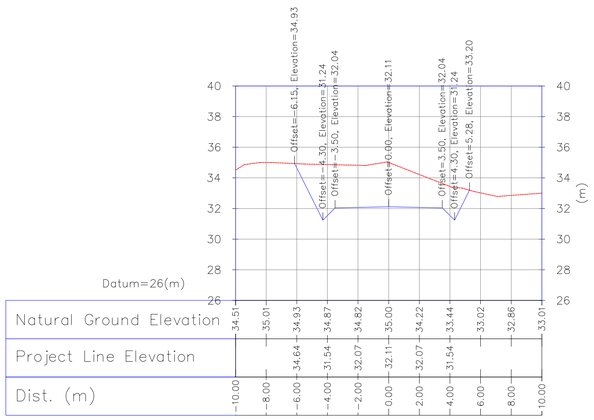
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	39 OF 59	D00

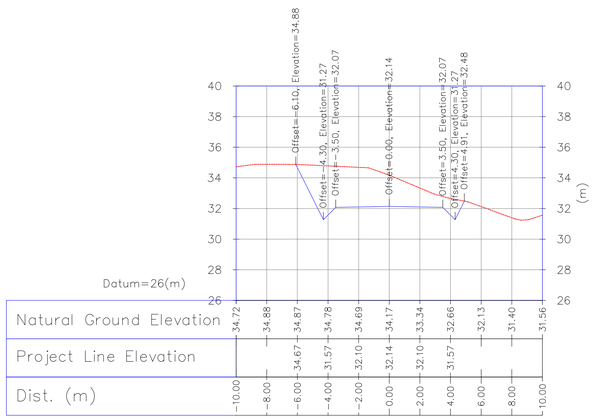
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	39	D00

0+790.00



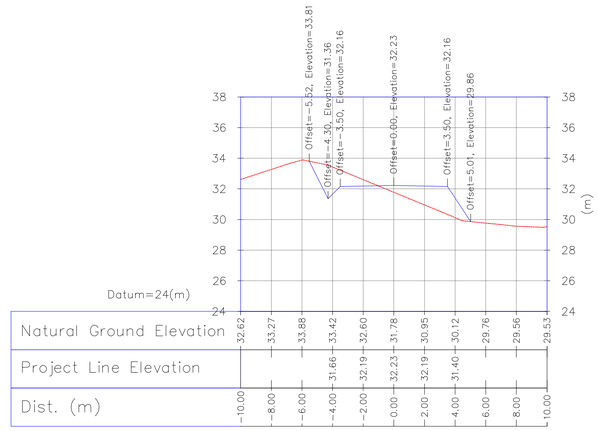
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Natural Ground Elevation	34.51	35.01	34.93	34.87	34.82	35.00	34.22	33.44	33.02	32.86	33.01
Project Line Elevation			34.64	31.54	32.07	32.11	32.07	31.54			

0+792.57



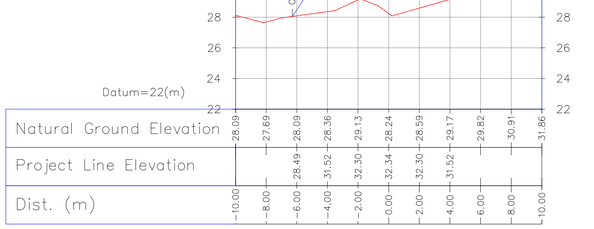
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Natural Ground Elevation	34.72	34.88	34.87	34.78	34.69	34.17	33.34	32.66	32.13	31.40	31.56
Project Line Elevation			34.67	31.57	32.10	32.14	32.10	31.57			

0+800.00



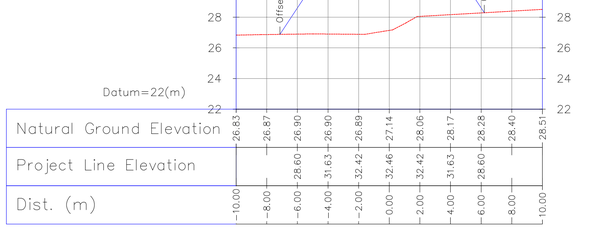
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Natural Ground Elevation	32.62	33.27	33.88	33.42	32.60	31.78	30.95	30.12	29.76	29.56	29.53
Project Line Elevation				31.66	32.19	32.23	32.19	31.40			

0+810.00



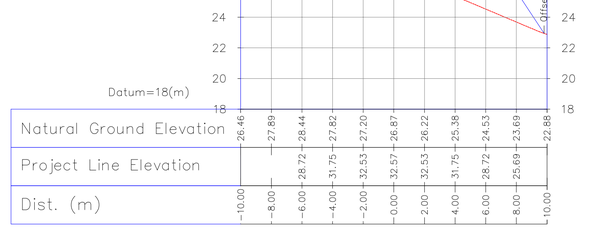
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Natural Ground Elevation	28.09	27.69	28.09	28.36	29.13	28.24	28.59	29.17	29.82	30.91	31.86
Project Line Elevation			28.49	31.52	32.30	32.34	32.30	31.52			

0+820.00



Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Natural Ground Elevation	26.83	26.87	26.90	26.90	26.89	27.14	28.06	28.17	28.28	28.40	28.51
Project Line Elevation			28.60	31.63	32.42	32.46	32.42	31.63	28.60		

0+830.00



Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Natural Ground Elevation	26.46	27.89	28.44	27.82	27.20	26.87	26.22	25.38	24.53	23.69	22.88
Project Line Elevation			28.72	31.75	32.53	32.57	32.53	31.75	28.72	25.69	

Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,..) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

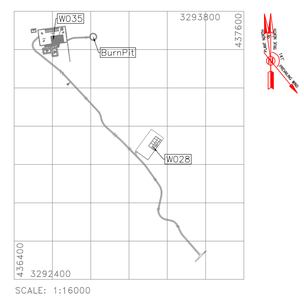
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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
W035 WELLHEAD FACILITIES

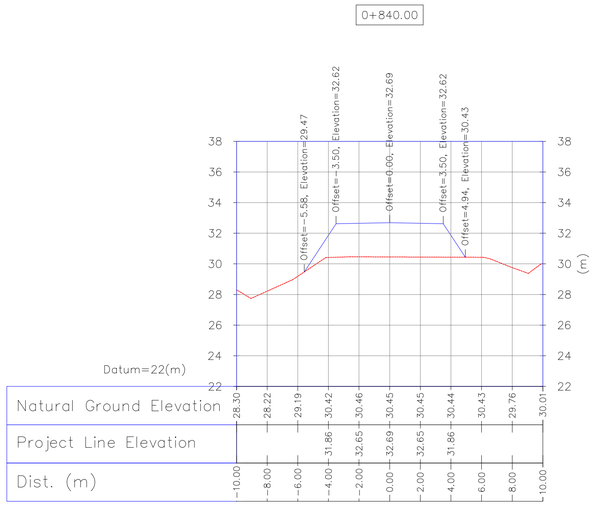
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
ACCESS ROAD TRANSVERSAL SECTIONS KM 790 ~830M

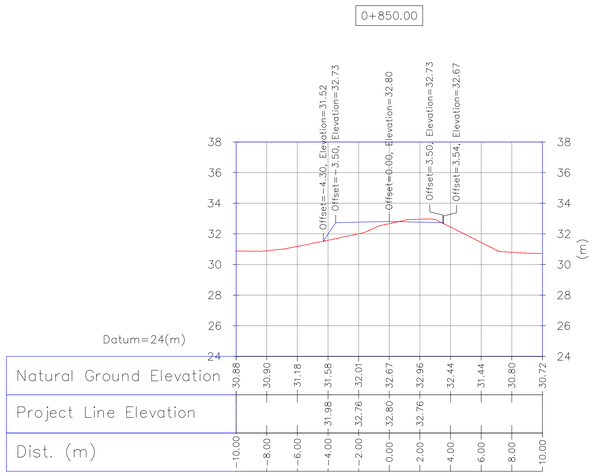
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

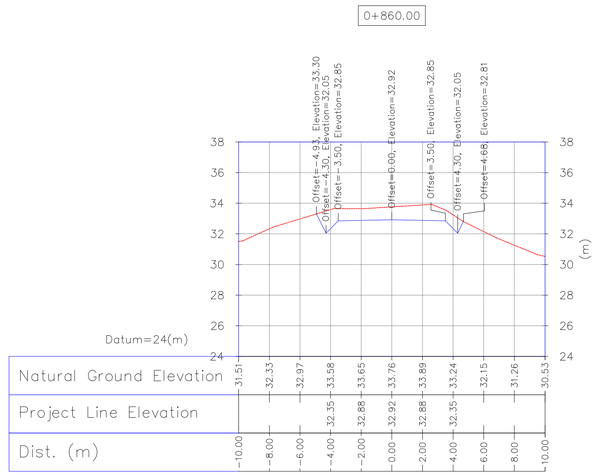
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE:

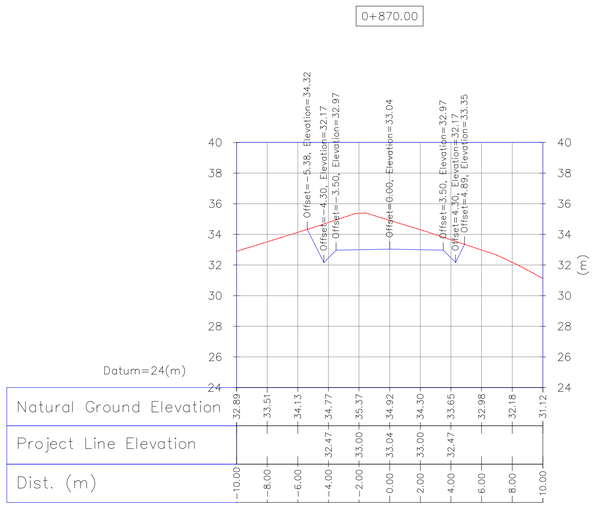
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	40 OF 59	D00

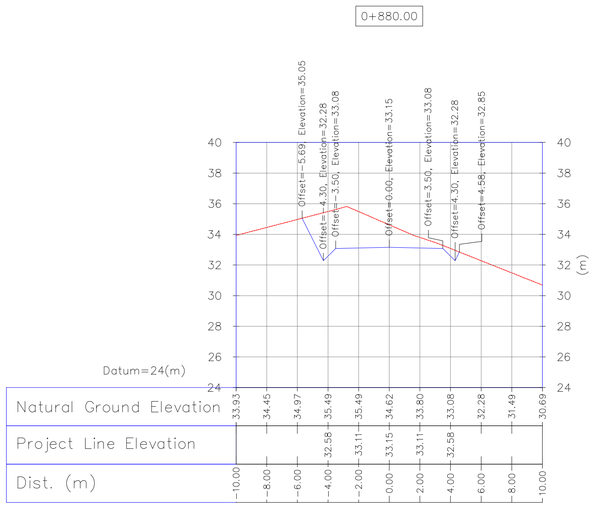
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	40	D00

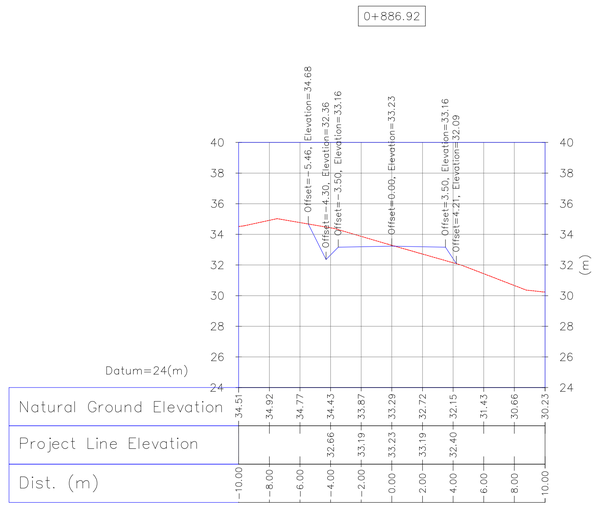












Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,..) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

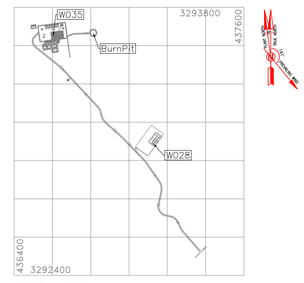
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60, 50)
SPOT HEIGHT (99.27)
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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
W035 WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
ACCESS ROAD TRANSVERSAL SECTIONS KM 840 ~886.92M

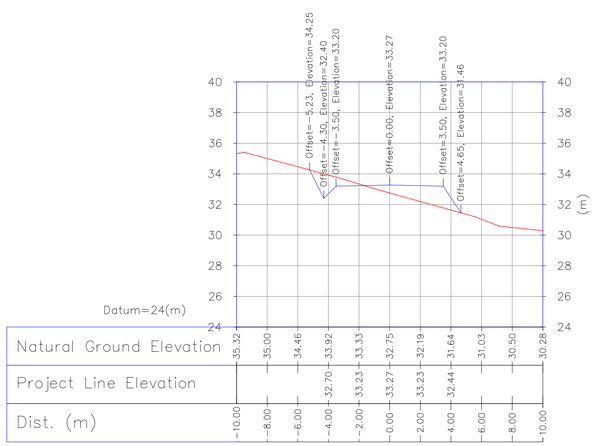
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	41 OF 59	D00

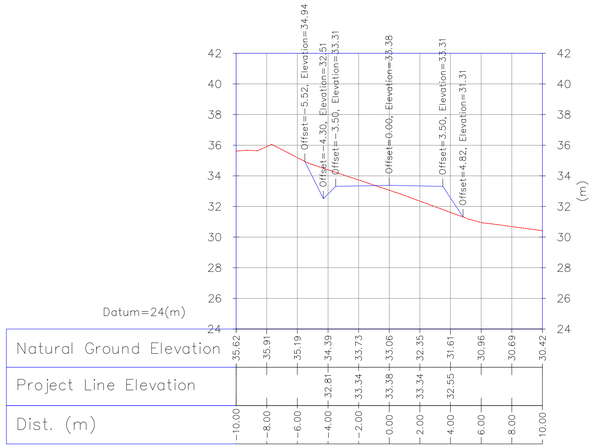
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	41	D00

0+890.00



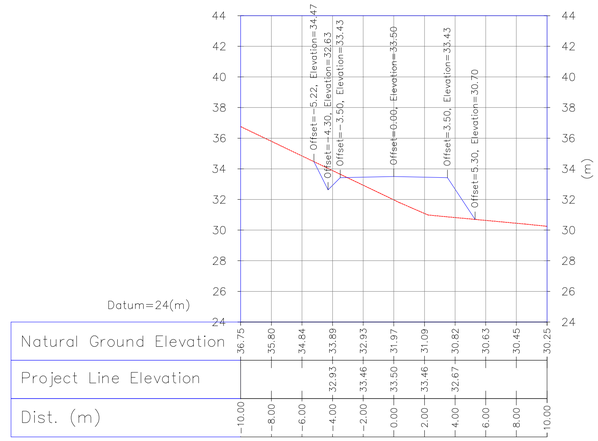
Natural Ground Elevation	35.32	35.00	34.46	33.92	33.33	32.75	32.19	31.64	31.03	30.50	30.28									
Project Line Elevation				32.70	33.23	33.27	33.23	32.44												
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00									

0+900.00



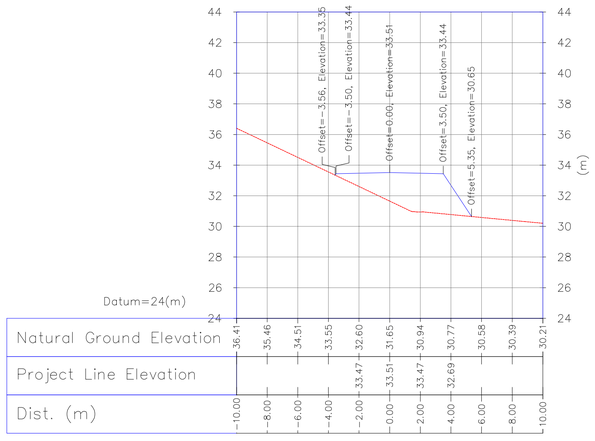
Natural Ground Elevation	35.62	35.91	35.19	34.39	33.73	33.06	32.35	31.61	30.96	30.69	30.42									
Project Line Elevation				32.81	33.34	33.38	33.34	32.55												
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00									

0+910.00



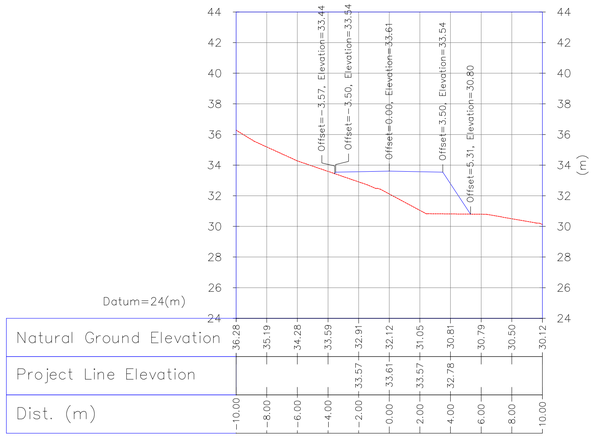
Natural Ground Elevation	36.75	35.80	34.84	33.89	32.93	31.97	31.09	30.82	30.63	30.45	30.25									
Project Line Elevation				32.93	33.46	33.50	33.46	32.67												
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00									

0+911.44



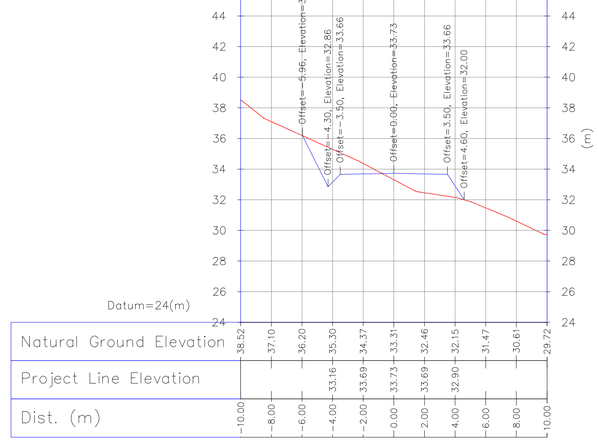
Natural Ground Elevation	36.41	35.46	34.51	33.55	32.60	31.65	30.94	30.77	30.58	30.39	30.21									
Project Line Elevation				33.47	33.51	33.47	32.69													
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00									

0+920.00



Natural Ground Elevation	36.28	35.19	34.28	33.59	32.91	32.12	31.05	30.81	30.79	30.50	30.12									
Project Line Elevation				33.57	33.61	33.57	32.78													
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00									

0+930.00



Natural Ground Elevation	38.52	37.10	36.20	35.30	34.37	33.31	32.46	32.15	31.47	30.61	29.72									
Project Line Elevation				33.16	33.69	33.73	33.69	32.90												
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00									

Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

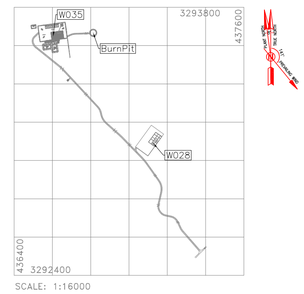
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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



SCALE: 1:16000

REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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-W035 ACCESS ROAD TRANSVERSAL SECTIONS KM 890 ~930M

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

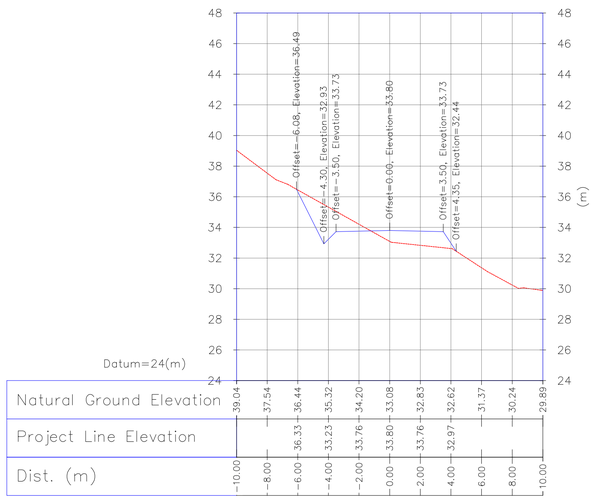
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

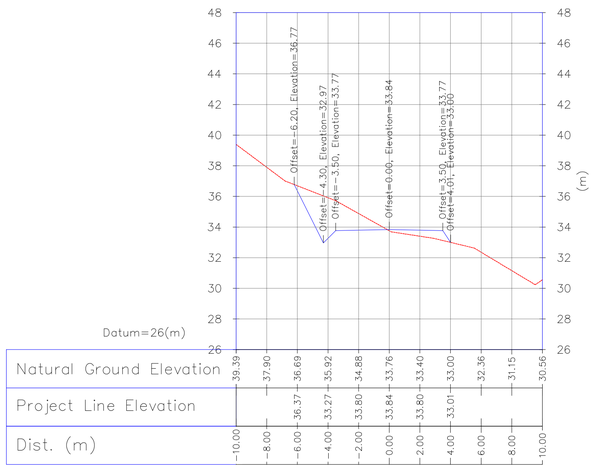
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	42 OF 59	D00

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	42	D00

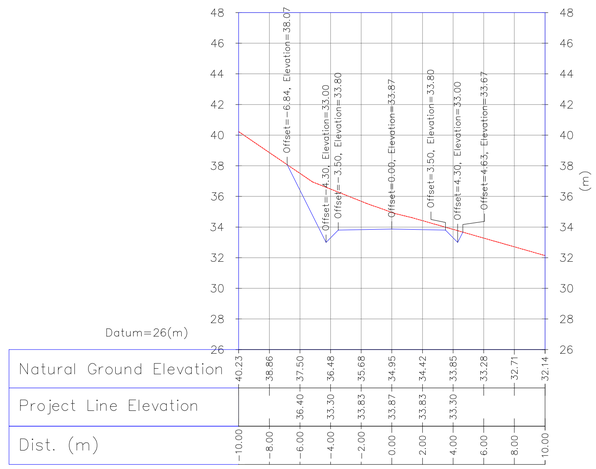
0+935.96



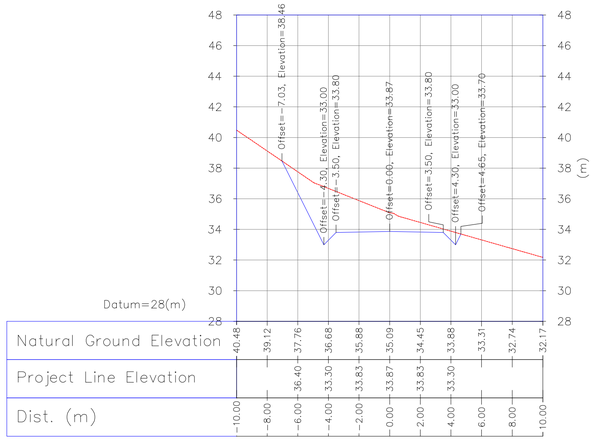
0+940.00



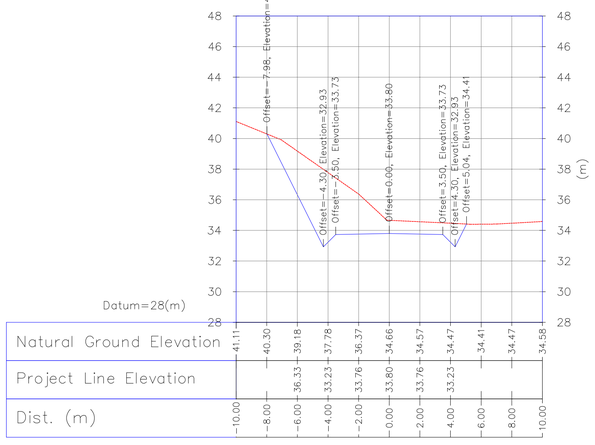
0+950.00



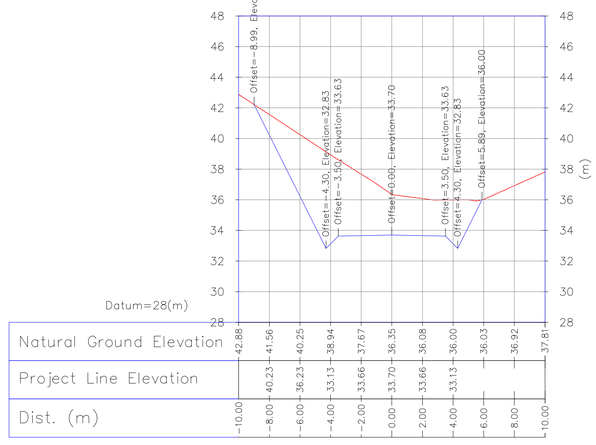
0+951.10



0+960.00



0+966.70



Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

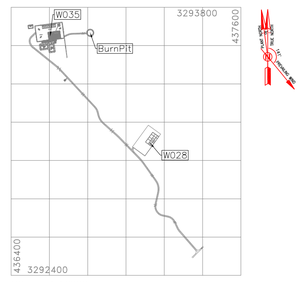
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60, 50)
SPOT HEIGHT (99.27)
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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-W035
ACCESS ROAD TRANSVERSAL SECTIONS KM 935.96 ~966.7M

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	43 OF 59	D00

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

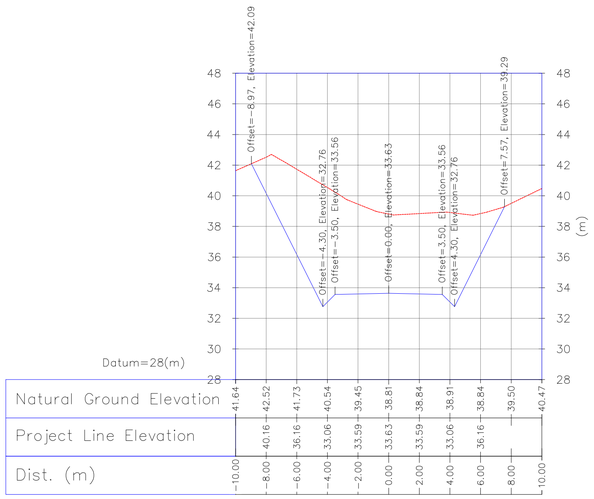
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

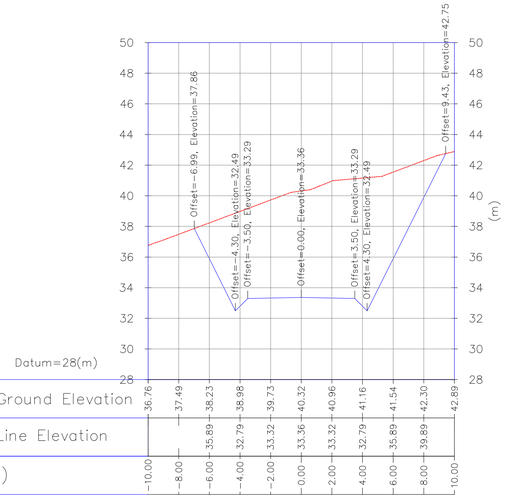
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	43	D00

0+970.00



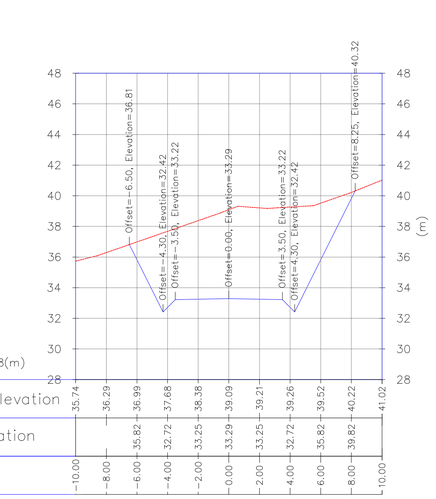
Natural Ground Elevation	41.64	42.52	41.73	40.54	39.45	38.81	38.84	38.91	38.84	39.50	40.47								
Project Line Elevation		40.16	36.16	33.06	33.59	33.63	33.59	33.06	36.16										
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00								

0+980.00



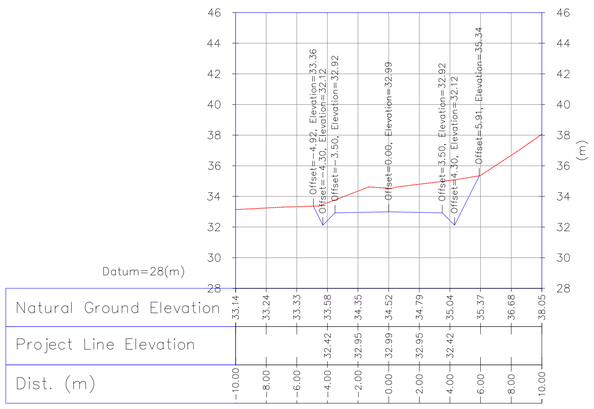
Natural Ground Elevation	36.76	37.49	38.23	38.98	39.73	40.32	40.96	41.16	41.54	42.30	42.89								
Project Line Elevation		35.89	32.79	33.32	33.36	33.32	32.79	35.89	39.89										
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00								

0+982.30



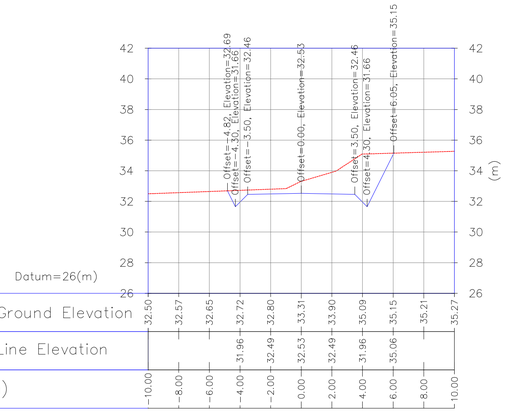
Natural Ground Elevation	35.74	36.29	36.99	37.68	38.38	39.09	39.21	39.26	39.52	40.22	41.02								
Project Line Elevation		35.82	32.72	33.25	33.29	33.25	32.72	35.82	39.82										
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00								

0+990.00



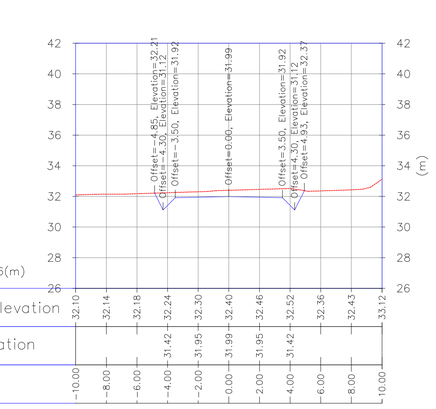
Natural Ground Elevation	33.14	33.24	33.33	33.58	34.35	34.52	34.79	35.04	35.37	36.68	38.05								
Project Line Elevation				32.42	32.95	32.99	32.95	32.42											
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00								

1+000.00



Natural Ground Elevation	32.50	32.57	32.65	32.72	32.80	33.31	33.90	35.09	35.15	35.21	35.27								
Project Line Elevation				31.96	32.49	32.53	32.49	31.96	35.06										
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00								

1+010.00



Natural Ground Elevation	32.10	32.14	32.18	32.24	32.30	32.40	32.46	32.52	32.36	32.43	33.12								
Project Line Elevation				31.42	31.95	31.99	31.95	31.42											
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00								

Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

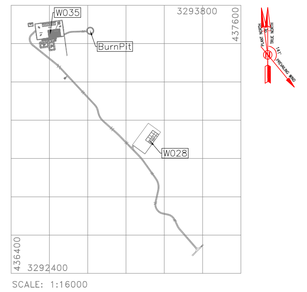
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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
W035 WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
ACCESS ROAD TRANSVERSAL SECTIONS KM 970 ~1010M

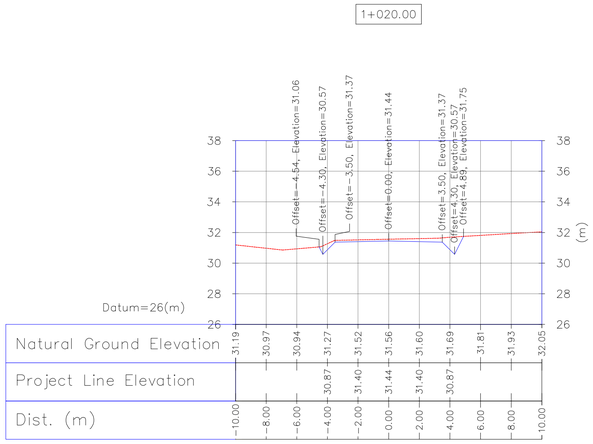
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	44 OF 59	D00

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

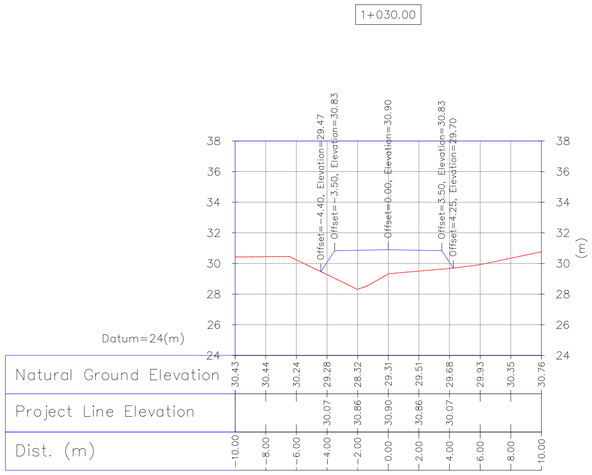
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	44	D00

1+020.00



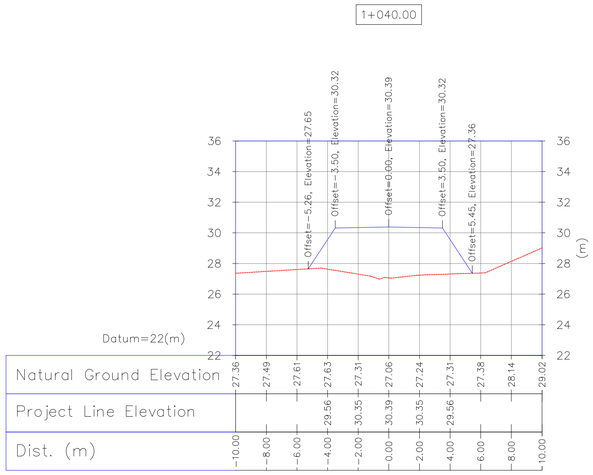
Natural Ground Elevation	31.19	30.97	30.94	31.27	31.52	31.56	31.60	31.69	31.81	31.93	32.05
Project Line Elevation				30.87	31.40	31.44	31.40	30.87			
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00

1+030.00



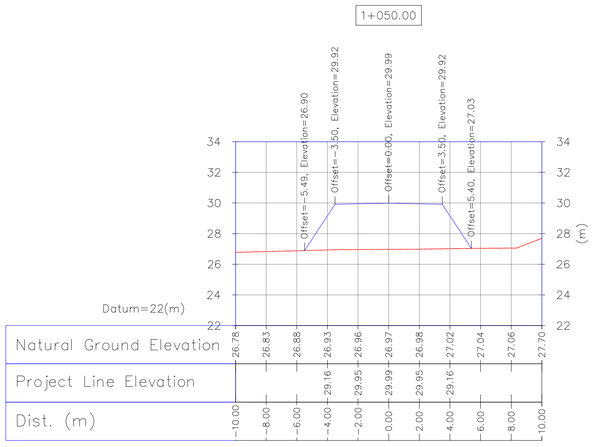
Natural Ground Elevation	30.43	30.44	30.24	29.28	28.32	29.31	29.51	29.68	29.93	30.35	30.76
Project Line Elevation				30.07	30.86	30.90	30.86	30.07			
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00

1+040.00



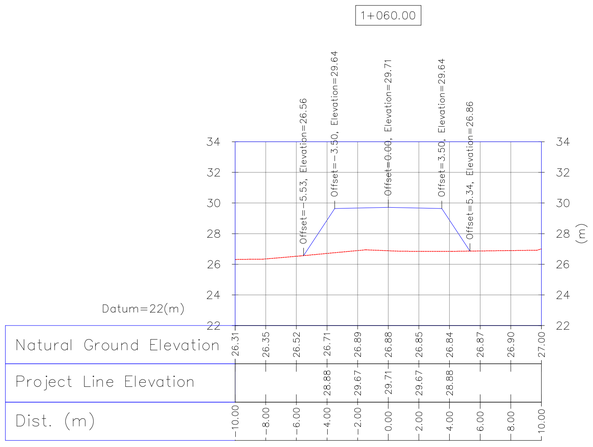
Natural Ground Elevation	27.36	27.49	27.61	27.63	27.31	27.06	27.24	27.31	27.38	28.14	29.02
Project Line Elevation				29.56	30.35	30.39	30.35	29.56			
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00

1+050.00



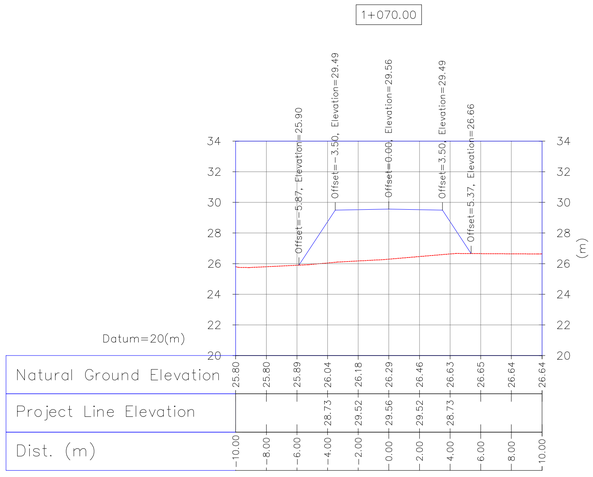
Natural Ground Elevation	26.78	26.83	26.88	26.93	26.96	26.97	26.98	27.02	27.04	27.06	27.70
Project Line Elevation				29.16	29.95	29.99	29.95	29.16			
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00

1+060.00



Natural Ground Elevation	26.31	26.35	26.52	26.71	26.89	26.88	26.85	26.84	26.87	26.90	27.00
Project Line Elevation				28.88	29.67	29.71	29.67	28.88			
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00

1+070.00



Natural Ground Elevation	25.80	25.80	25.89	26.04	26.18	26.29	26.46	26.63	26.65	26.64	26.64
Project Line Elevation				28.73	29.52	29.56	29.52	28.73			
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00

Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,..) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

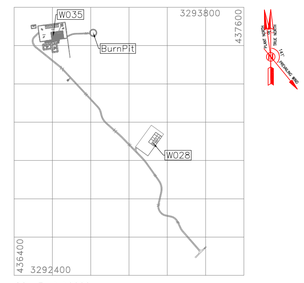
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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
W035 WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

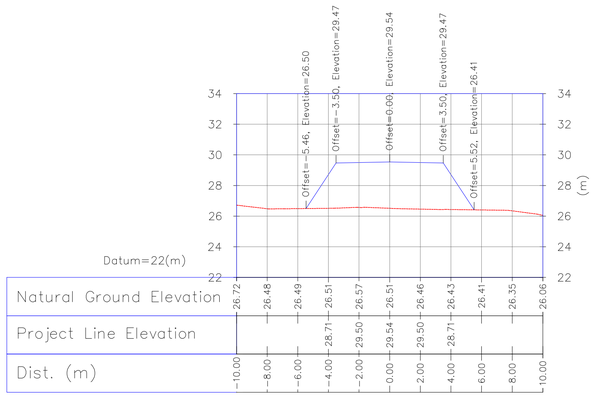
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
ACCESS ROAD TRANSVERSAL SECTIONS KM 1020 ~1070M

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

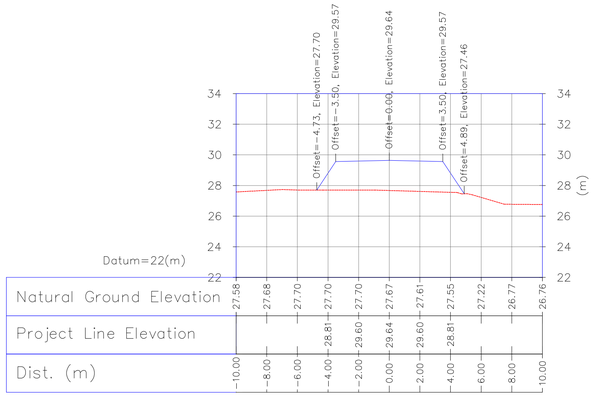
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	45 OF 59	D00

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	45	D00

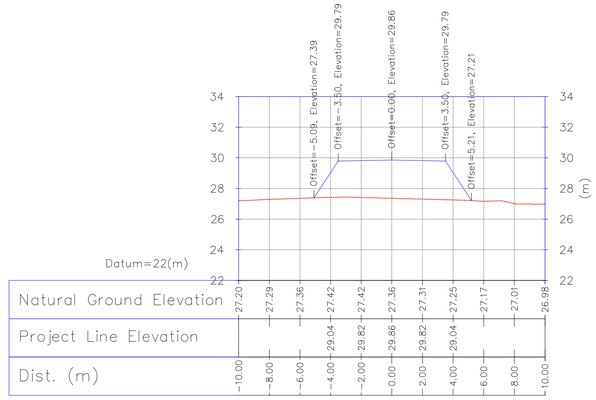
1+080.00



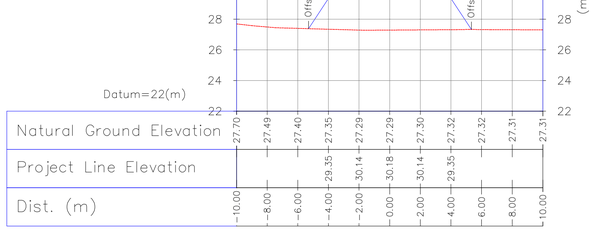
1+090.00



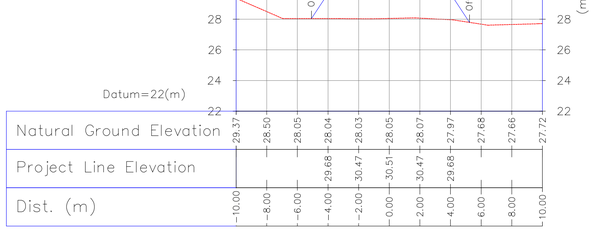
1+100.00



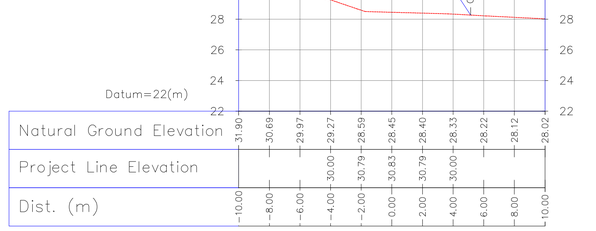
1+110.00



1+120.00



1+130.00



Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

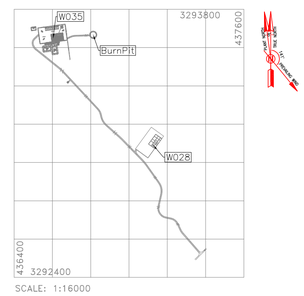
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
SPOT HEIGHT (99.27)
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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
W035 WELLHEAD FACILITIES

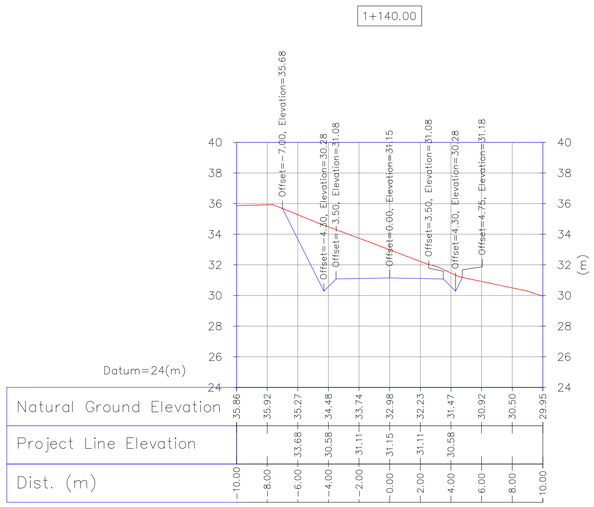
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
ACCESS ROAD TRANSVERSAL SECTIONS KM 1080 ~1130M

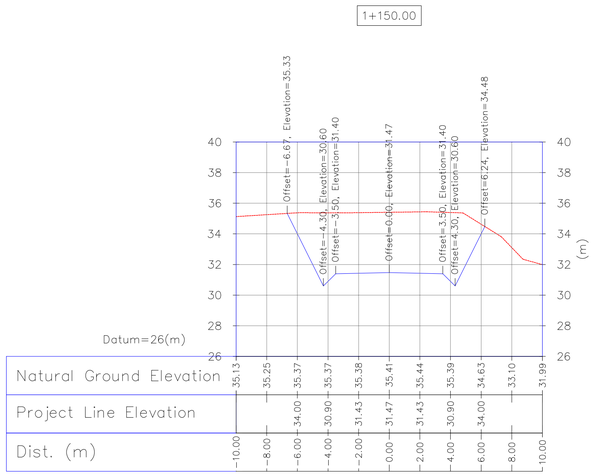
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

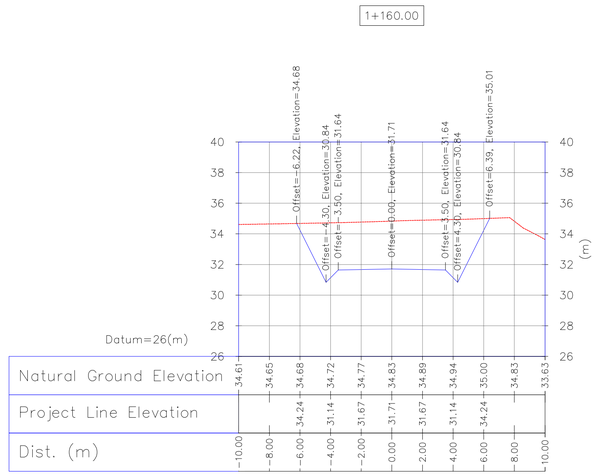
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE:

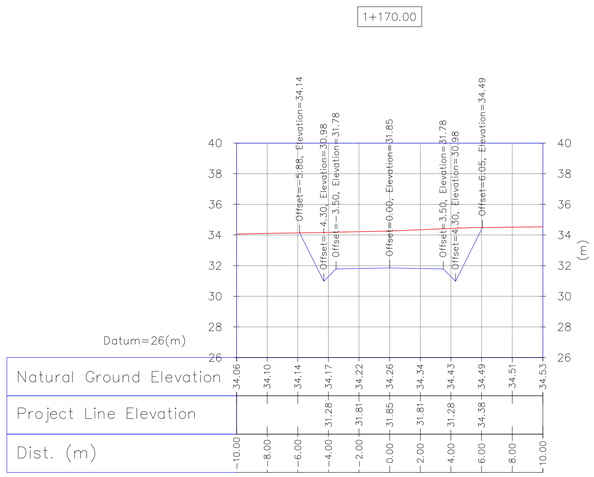
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	46 OF 59	D00

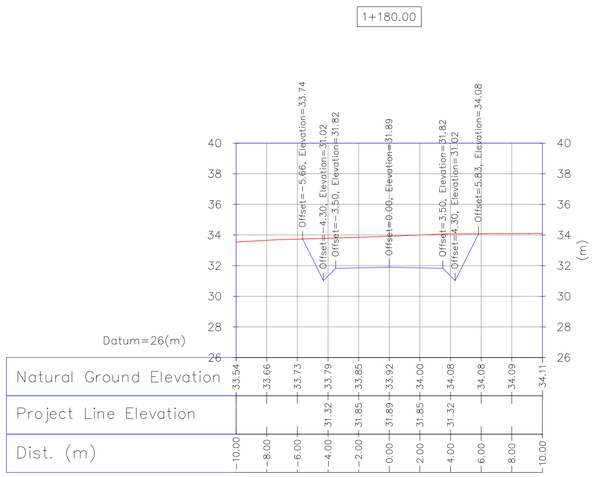
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	46	D00

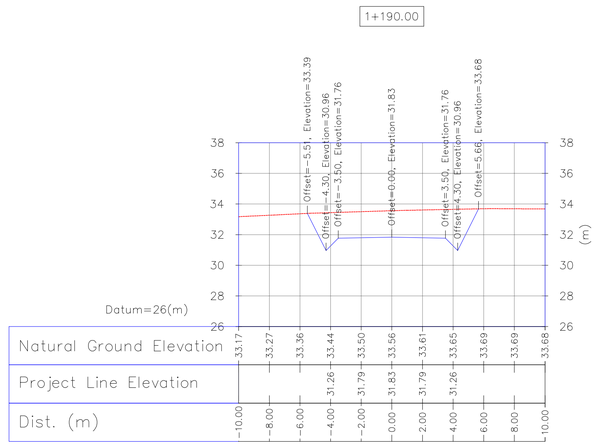












Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,..) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

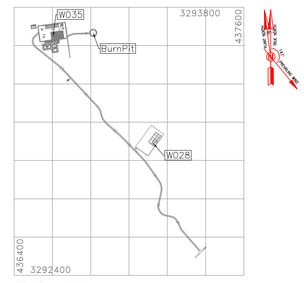
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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-W035 ACCESS ROAD TRANSVERSAL SECTIONS KM 1140 ~1190M

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	47 OF 59	D00

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

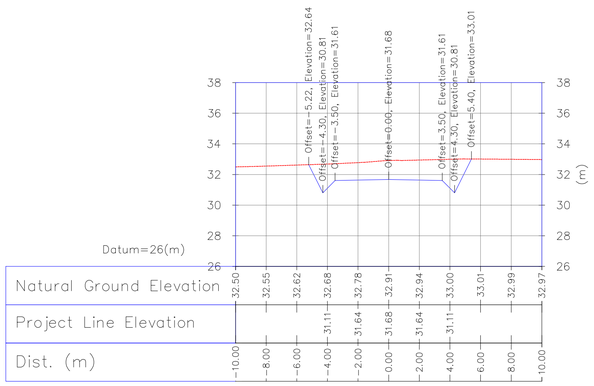
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

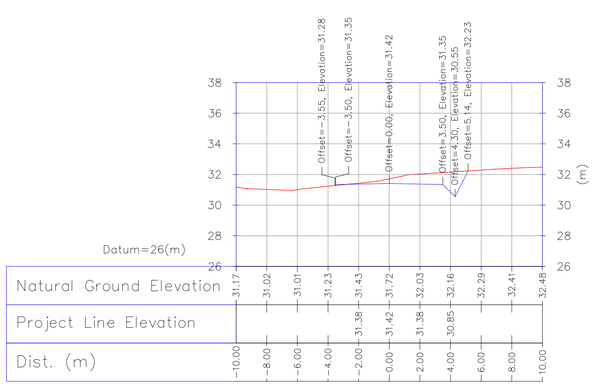
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	47	D00

1+200.00



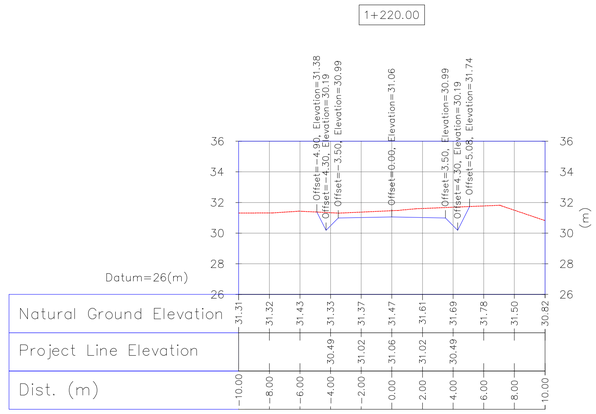
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Natural Ground Elevation	32.50	32.55	32.62	32.68	32.78	32.91	32.94	33.00	33.01	32.99	32.97
Project Line Elevation				31.11	31.64	31.68	31.64	31.11			

1+210.00



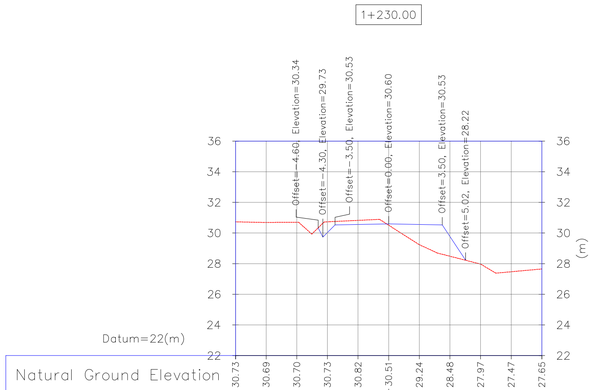
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Natural Ground Elevation	31.17	31.02	31.01	31.23	31.43	31.72	32.03	32.16	32.29	32.41	32.48
Project Line Elevation					31.38	31.42	31.38	30.85			

1+220.00



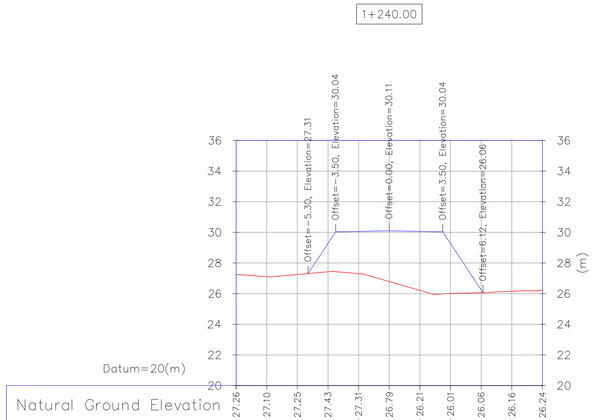
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Natural Ground Elevation	31.31	31.32	31.43	31.33	31.37	31.47	31.61	31.69	31.78	31.50	30.82
Project Line Elevation				30.49	31.02	31.06	31.02	30.49			

1+230.00



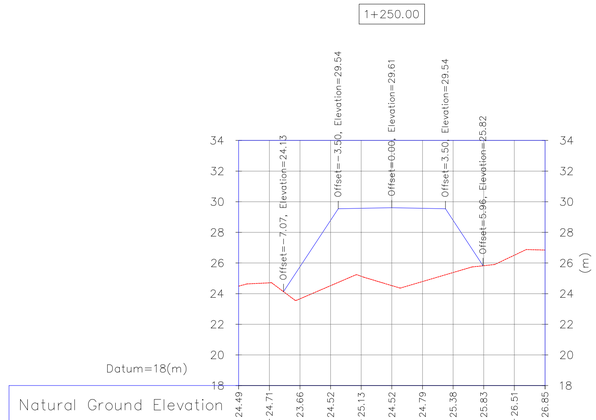
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Natural Ground Elevation	30.73	30.69	30.70	30.73	30.82	30.51	29.24	28.48	27.97	27.47	27.65
Project Line Elevation				30.03	30.56	30.60	30.56	29.77			

1+240.00



Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Natural Ground Elevation	27.26	27.10	27.25	27.43	27.31	26.79	26.21	26.01	26.06	26.16	26.24
Project Line Elevation				29.28	30.07	30.11	30.07	29.28	26.25		

1+250.00



Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Natural Ground Elevation	24.49	24.71	23.66	24.52	25.13	24.52	24.79	25.38	25.83	26.51	26.85
Project Line Elevation			25.76	28.79	29.57	29.61	29.57	28.79			

Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,..) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

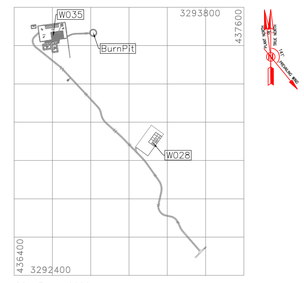
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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-W035
ACCESS ROAD TRANSVERSAL SECTIONS KM 1200 ~1250M

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	48 OF 59	D00

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

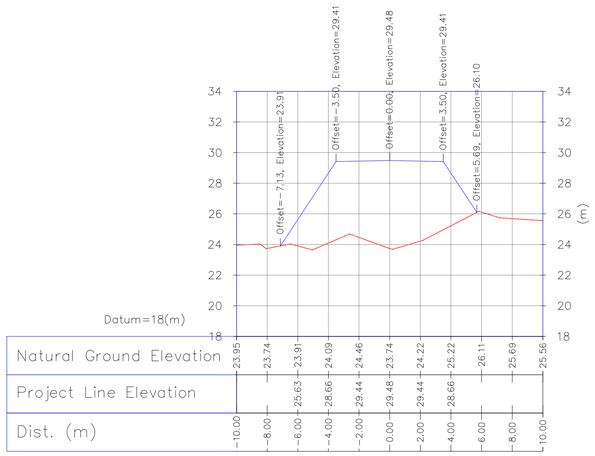
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

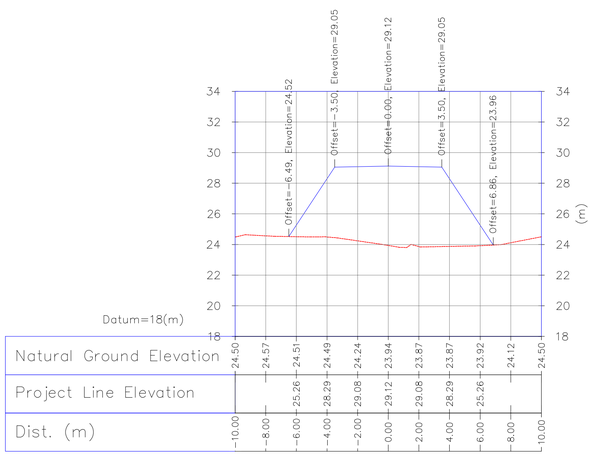
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	48	D00

1+252.64



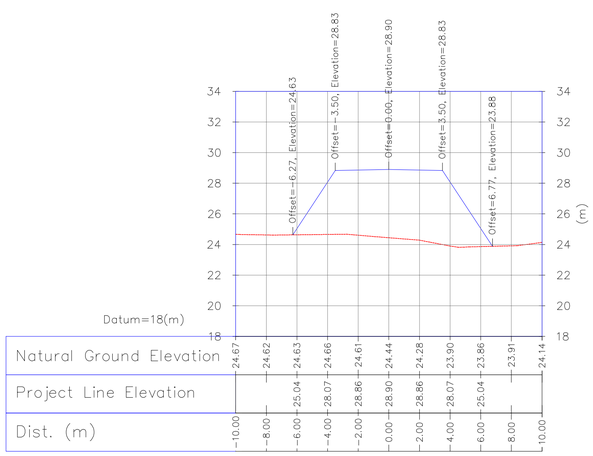
Natural Ground Elevation	23.95	23.74	23.91	24.09	24.46	23.74	24.22	25.22	26.11	25.69	25.56									
Project Line Elevation			25.63	28.66	29.44	29.48	29.44	28.66												
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00									

1+260.00



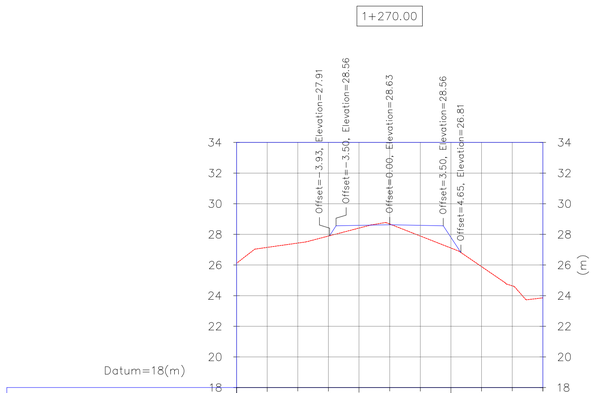
Natural Ground Elevation	24.50	24.57	24.51	24.49	24.24	23.94	23.87	23.92	24.12	24.50										
Project Line Elevation			25.26	28.29	29.08	29.12	29.08	28.29	25.26											
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00									

1+264.45



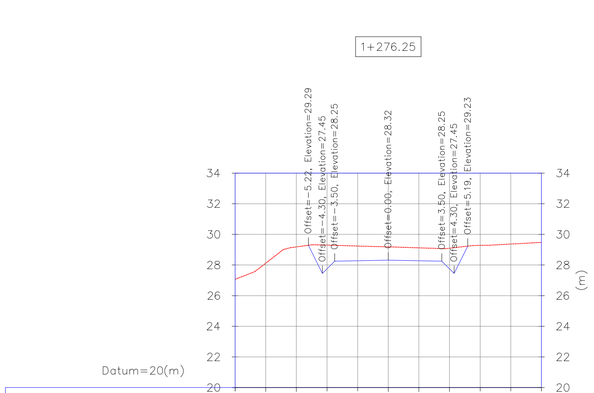
Natural Ground Elevation	24.67	24.62	24.63	24.66	24.61	24.44	24.28	23.90	23.86	23.91	24.14									
Project Line Elevation			25.04	28.07	28.86	28.90	28.86	28.07	25.04											
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00									

1+270.00



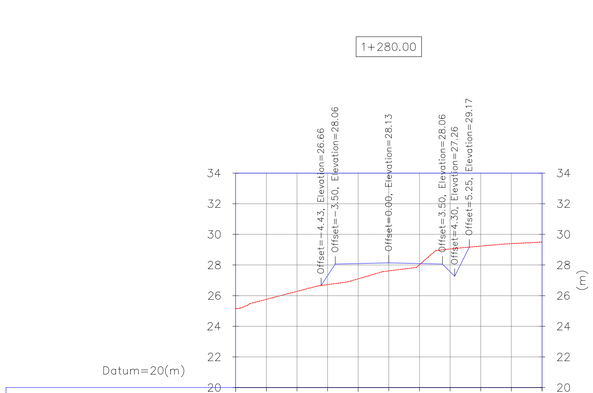
Natural Ground Elevation	26.11	27.15	27.43	27.89	28.41	28.68	27.89	27.11	25.89	24.64	23.86									
Project Line Elevation					28.59	28.63	28.59	27.80												
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00									

1+276.25



Natural Ground Elevation	27.07	28.12	29.18	29.30	29.24	29.18	29.12	29.10	29.28	29.37	29.48									
Project Line Elevation				27.75	28.28	28.32	28.28	27.75												
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00									

1+280.00



Natural Ground Elevation	25.15	25.76	26.28	26.72	27.10	27.62	28.02	29.05	29.23	29.39	29.50									
Project Line Elevation				27.31	28.09	28.13	28.09	27.56												
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00									

Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

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

LEGEND

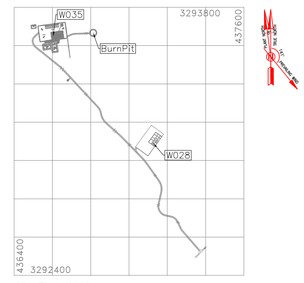
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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
W035 WELLHEAD FACILITIES

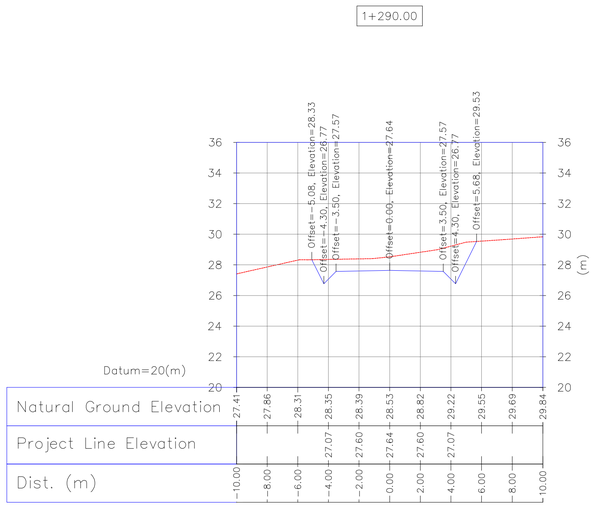
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

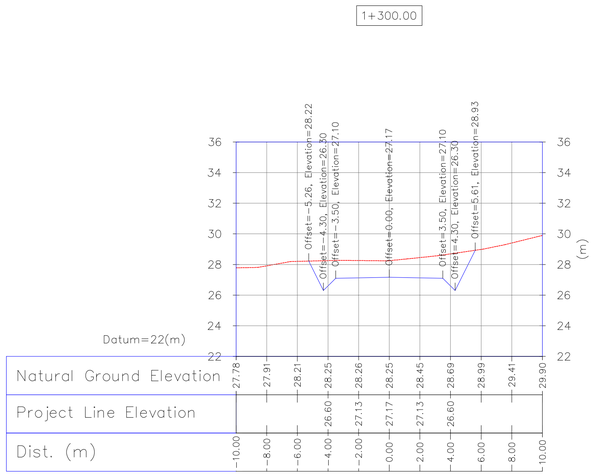
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
ACCESS ROAD TRANSVERSAL SECTIONS KM 1252.64 ~1280M

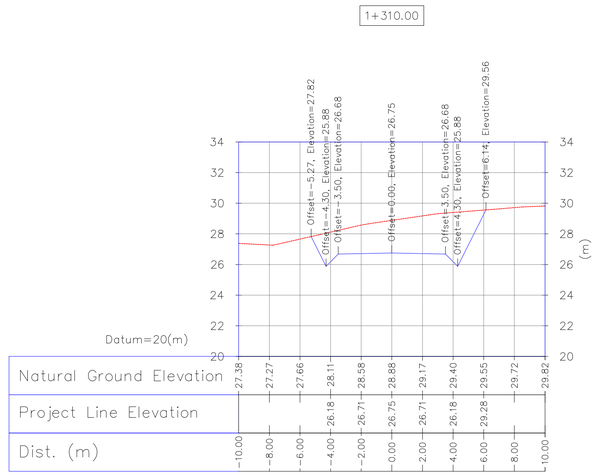
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE:

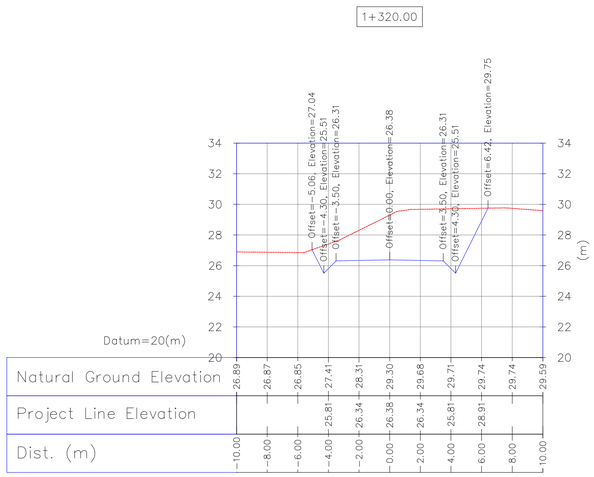
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	49 OF 59	D00

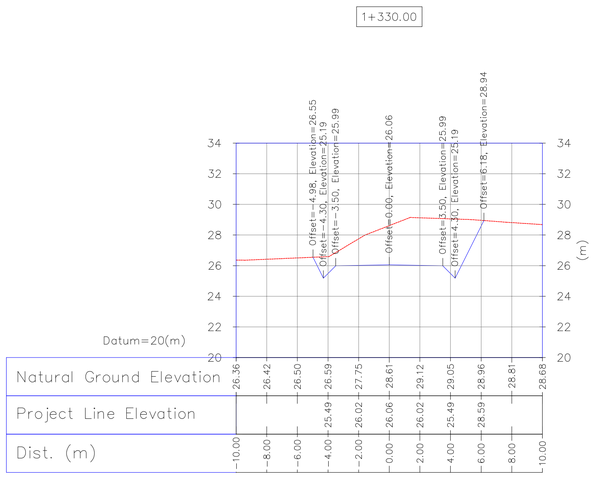
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	49	D00

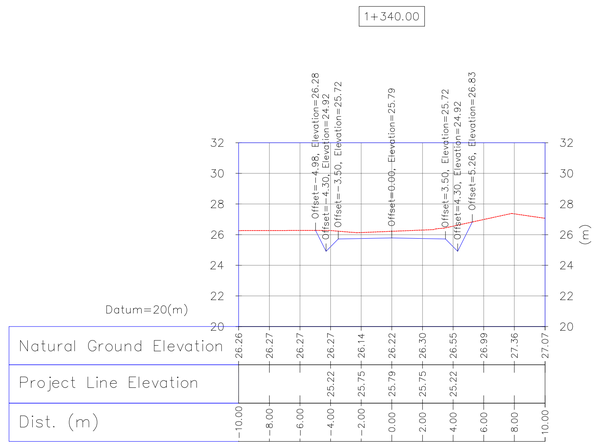












Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,..) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

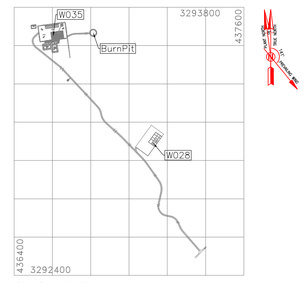
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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
W035 WELLHEAD FACILITIES

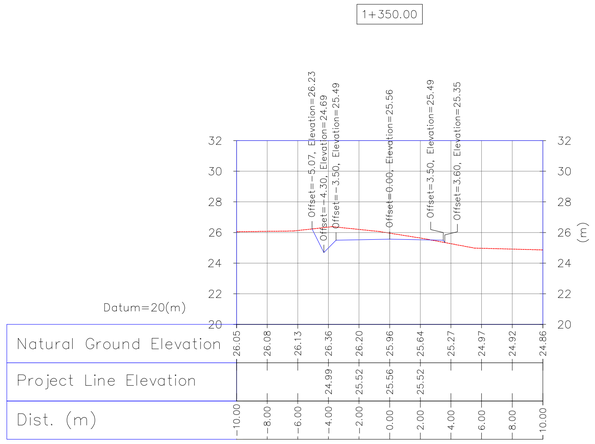
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

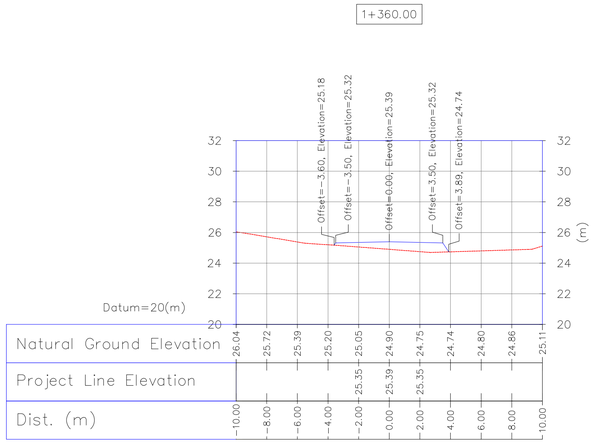
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
ACCESS ROAD TRANSVERSAL SECTIONS KM 1290 ~1340M

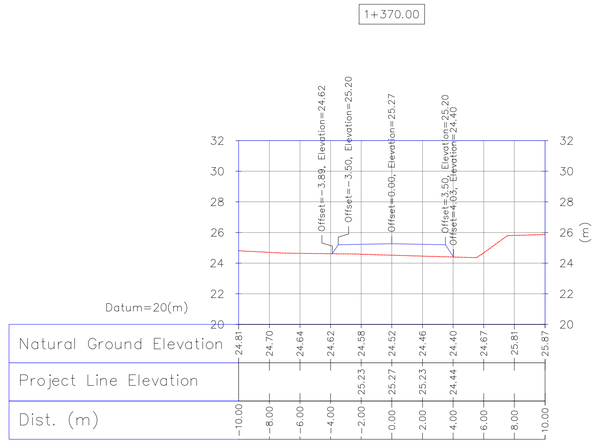
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE:

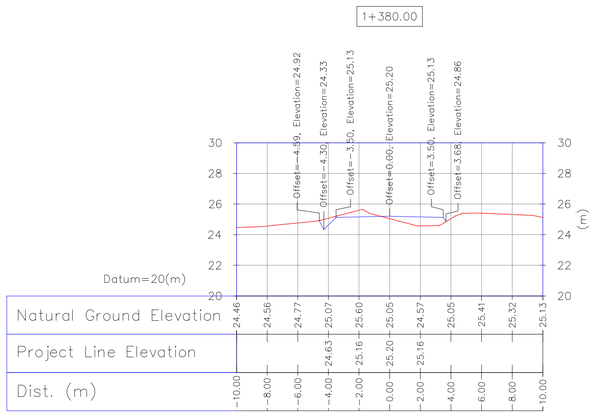
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	50 OF 59	D00

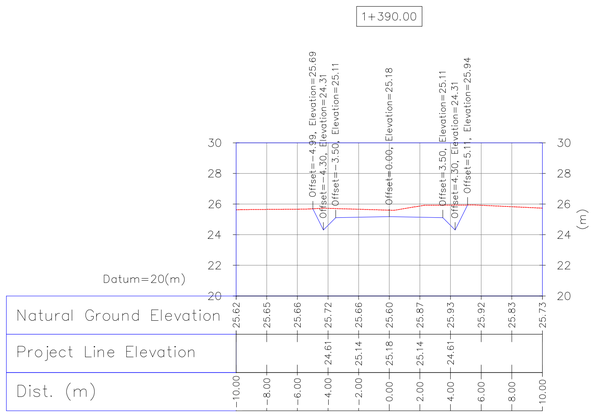
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	50	D00

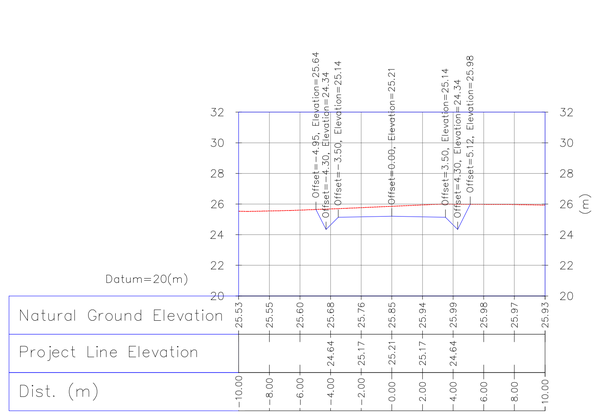












Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,..) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

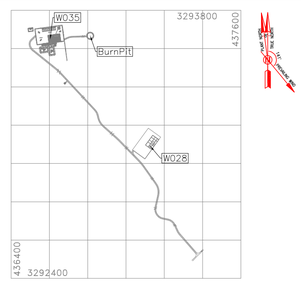
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60, 50)
SPOT HEIGHT (99.27)
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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-W035 ACCESS ROAD TRANSVERSAL SECTIONS KM 1350 ~1400M

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	51 OF 59	D00

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

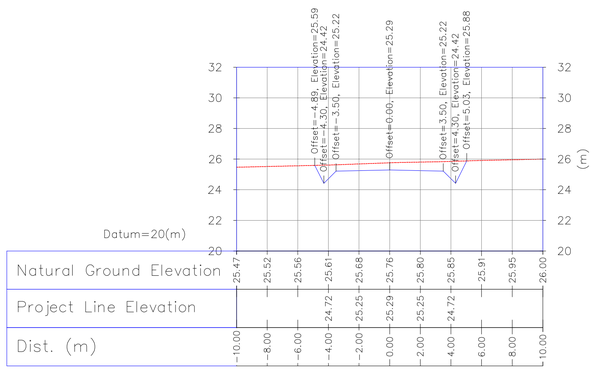
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

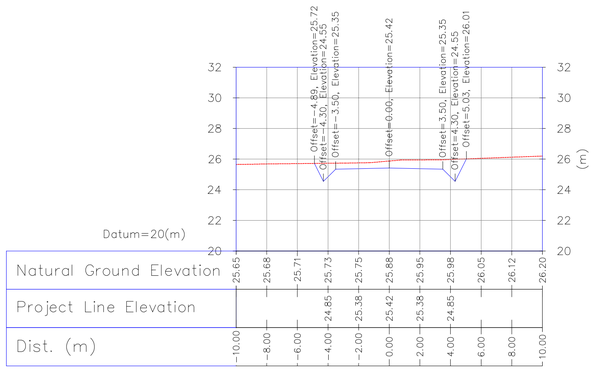
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	51	D00

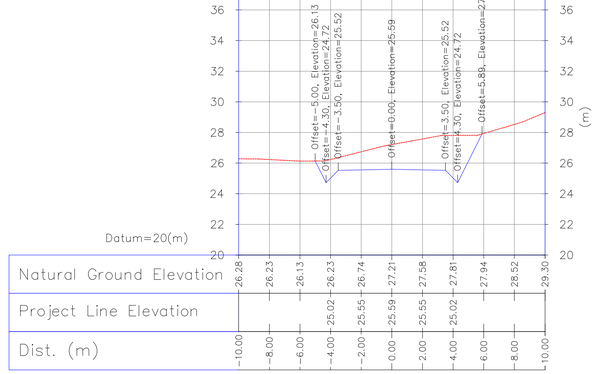
1+410.00



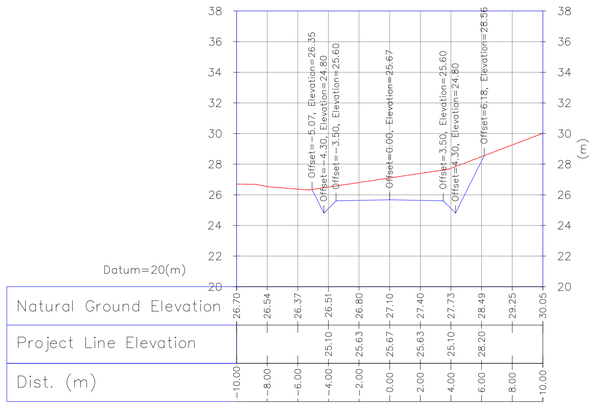
1+420.00



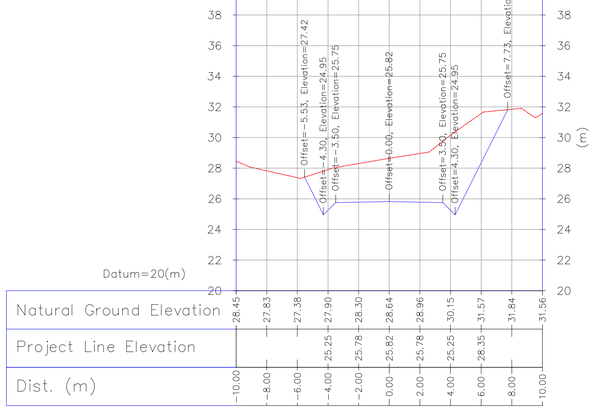
1+430.00



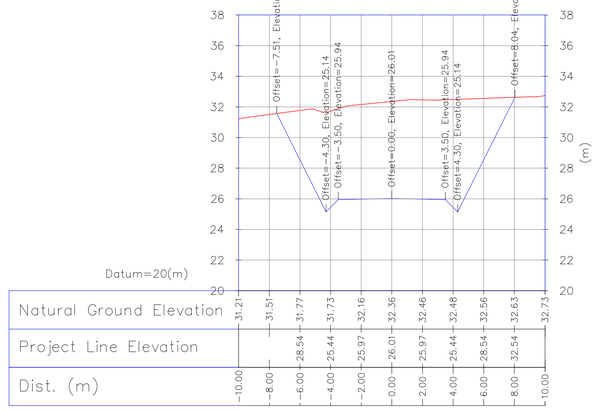
1+433.77



1+440.00



1+446.97



Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

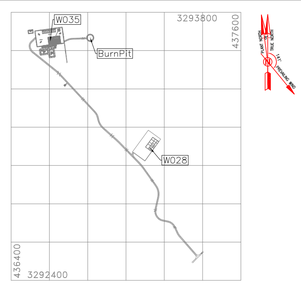
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.
D00	JAN.2023	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 W035 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-W035 ACCESS ROAD TRANSVERSAL SECTIONS KM 1410 ~1446.97M

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	52 OF 59	D00

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

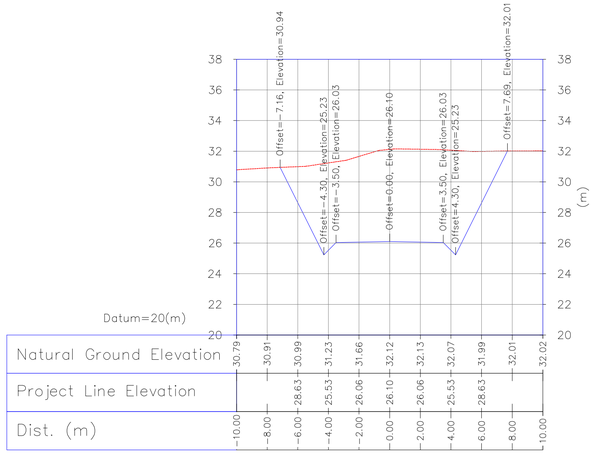
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

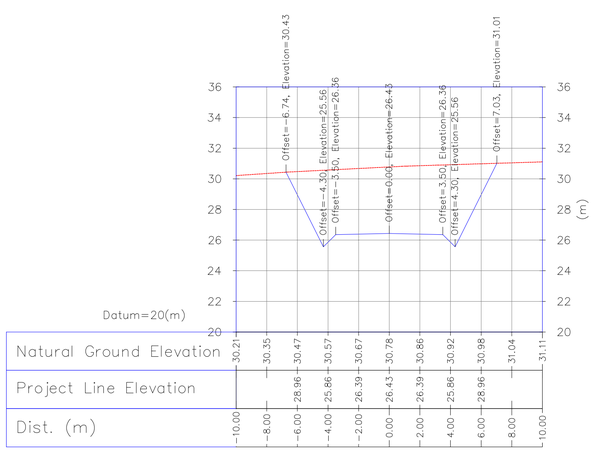
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	52	D00

1+450.00



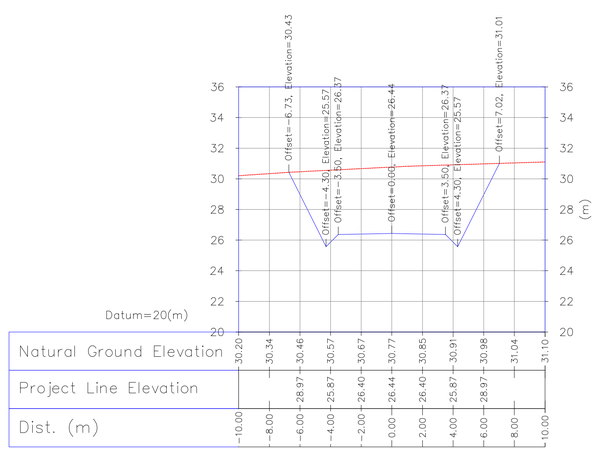
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Project Line Elevation		28.63	25.53	26.06	26.10	26.06	25.53	28.63			
Natural Ground Elevation	30.79	30.91	30.99	31.23	31.66	32.12	32.13	32.07	31.99	32.01	32.02

1+460.00



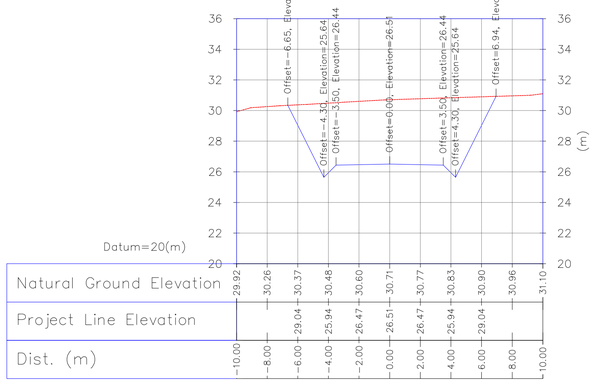
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Project Line Elevation		28.96	25.86	26.39	26.43	26.39	25.86	28.96			
Natural Ground Elevation	30.21	30.35	30.47	30.57	30.67	30.78	30.86	30.92	30.98	31.04	31.11

1+460.18



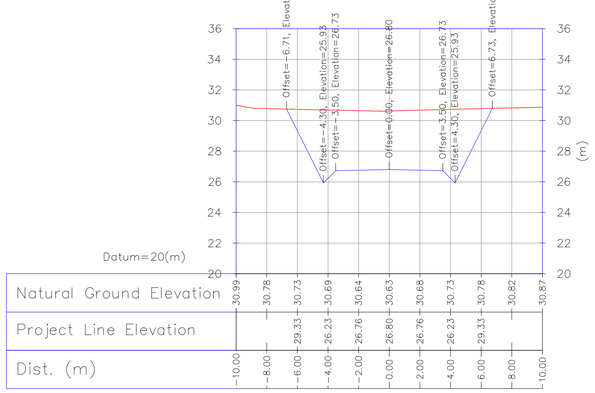
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Project Line Elevation		28.97	25.87	26.40	26.44	26.40	25.87	28.97			
Natural Ground Elevation	30.20	30.34	30.46	30.57	30.67	30.77	30.85	30.91	30.98	31.04	31.10

1+462.16



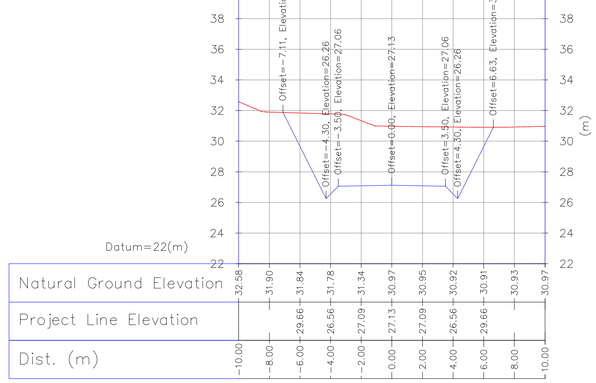
Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Project Line Elevation		29.04	25.94	26.47	26.51	26.47	25.94	29.04			
Natural Ground Elevation	29.92	30.26	30.37	30.48	30.60	30.71	30.77	30.83	30.90	30.96	31.10

1+470.00



Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Project Line Elevation		29.33	26.23	26.76	26.80	26.76	26.23	29.33			
Natural Ground Elevation	30.99	30.78	30.73	30.69	30.64	30.63	30.68	30.73	30.78	30.82	30.87

1+478.88



Dist. (m)	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00
Project Line Elevation		29.66	26.56	27.09	27.13	27.09	26.56	29.66			
Natural Ground Elevation	32.58	31.90	29.66	26.56	31.78	31.34	30.97	30.95	30.92	30.91	30.93	30.97

Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

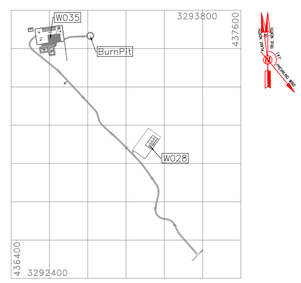
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.		
D00	JAN.2023	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 W035 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-W035
ACCESS ROAD TRANSVERSAL SECTIONS KM 1450 ~1478.88M

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	53 OF 59	D00

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

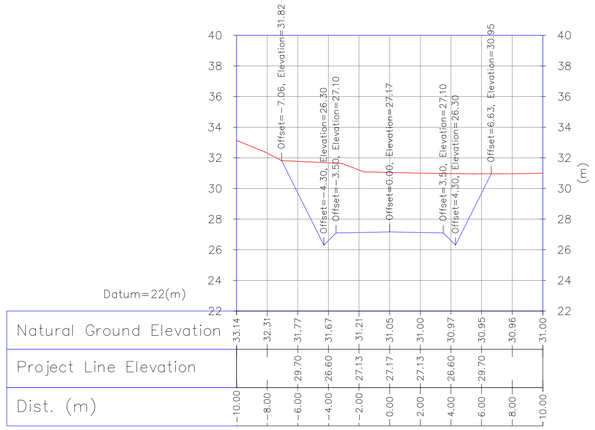
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

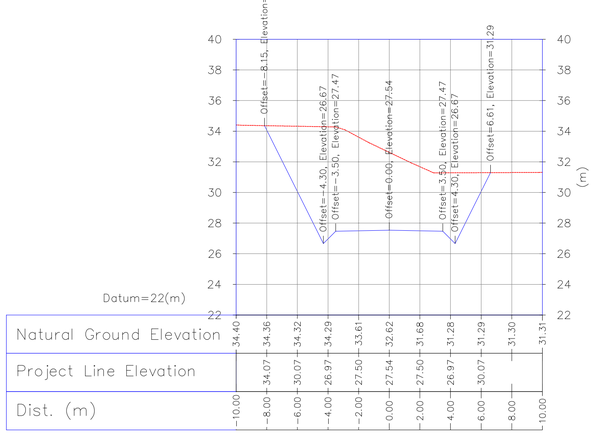
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	53	D00

1+480.00



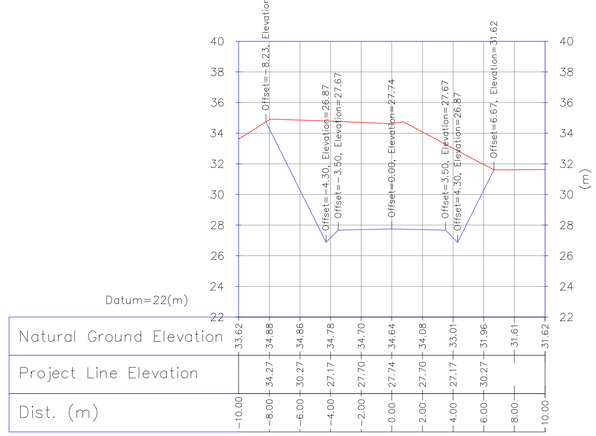
Natural Ground Elevation	33.14		32.31		31.77		31.67		31.21		31.05		31.00		30.97		30.95		30.96		31.00
Project Line Elevation		32.13		29.70		26.60		27.13		27.17		27.13		26.60		29.70		30.96		31.00	
Dist. (m)	-10.00		-8.00		-6.00		-4.00		-2.00		0.00		2.00		4.00		6.00		8.00		10.00

1+490.00



Natural Ground Elevation	34.40		34.36		34.32		34.29		33.61		32.62		31.68		31.28		31.29		31.30		31.31
Project Line Elevation		34.36		34.07		30.07		26.97		27.50		27.54		27.50		26.97		30.07		31.30	
Dist. (m)	-10.00		-8.00		-6.00		-4.00		-2.00		0.00		2.00		4.00		6.00		8.00		10.00

1+495.59



Natural Ground Elevation	33.62		34.88		34.86		34.78		34.70		34.64		34.08		33.01		31.96		31.61		31.62
Project Line Elevation		34.73		34.27		30.27		27.17		27.70		27.74		27.70		27.17		30.27		31.61	
Dist. (m)	-10.00		-8.00		-6.00		-4.00		-2.00		0.00		2.00		4.00		6.00		8.00		10.00

1+500.00

Natural Ground Elevation	32.13		33.26		34.27		35.08		34.98		35.02		35.29		35.18		34.16		33.07		32.18
Project Line Elevation		33.44		30.44		27.34		27.87		27.91		27.87		27.34		30.44		33.07		33.37	
Dist. (m)	-10.00		-8.00		-6.00		-4.00		-2.00		0.00		2.00		4.00		6.00		8.00		10.00

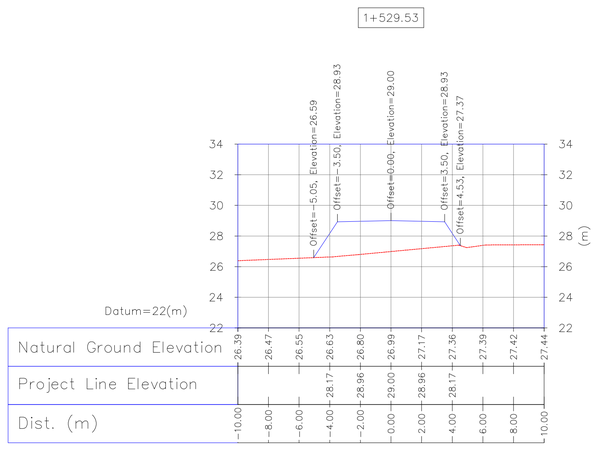
1+510.00

Natural Ground Elevation	28.04		28.84		30.03		31.45		32.88		34.35		33.80		32.72		31.38		31.75		32.29
Project Line Elevation		30.23		27.71		28.24		28.28		28.24		27.71		30.81		32.29					
Dist. (m)	-10.00		-8.00		-6.00		-4.00		-2.00		0.00		2.00		4.00		6.00		8.00		10.00

1+520.00

Natural Ground Elevation	27.89		28.22		28.79		29.13		29.44		29.44		29.11		28.65		28.07		28.03		27.99
Project Line Elevation		29.00		28.08		28.61		28.65		28.61		28.08		28.31							
Dist. (m)	-10.00		-8.00		-6.00		-4.00		-2.00		0.00		2.00		4.00		6.00		8.00		10.00

1+529.53



Natural Ground Elevation	26.39		26.47		26.55		26.63		26.80		26.99		27.17		27.36		27.39		27.42		27.44
Project Line Elevation		26.59		28.17		28.96		29.00		28.96		28.17		27.37							
Dist. (m)	-10.00		-8.00		-6.00		-4.00		-2.00		0.00		2.00		4.00		6.00		8.00		10.00

Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

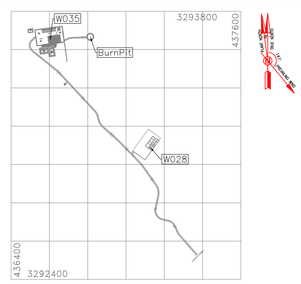
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
SPOT HEIGHT (99.27)
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE
***	**********	** **	*** ****	** **	*** ****
D00	JAN.2023	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 W035 WELLHEAD FACILITIES
PROJECT NO.: 971020
EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES
EPD/EPC CONTRACTOR(GC): PEDCO — PETROIRAN DEVELOPMENT COMPANY

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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
W035 WELLHEAD FACILITIES

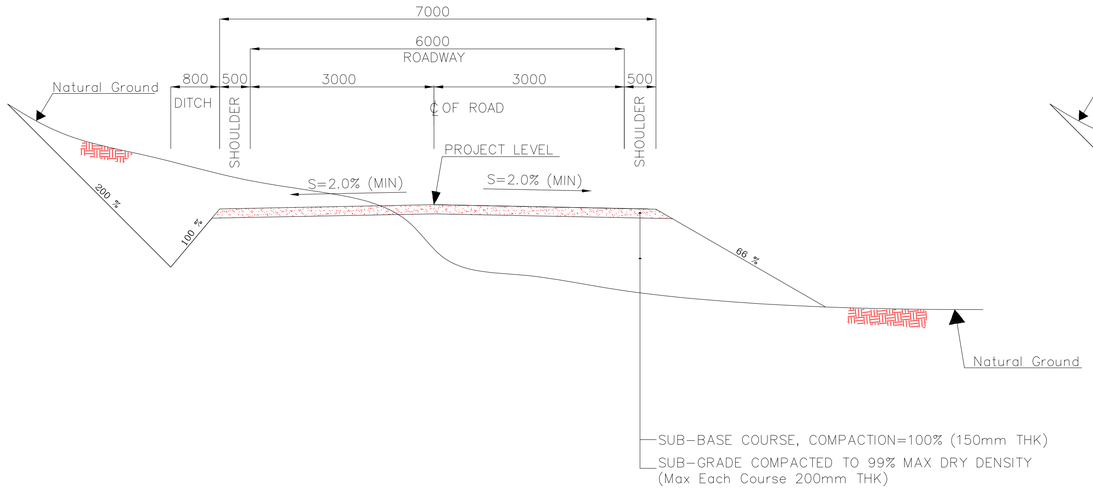
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

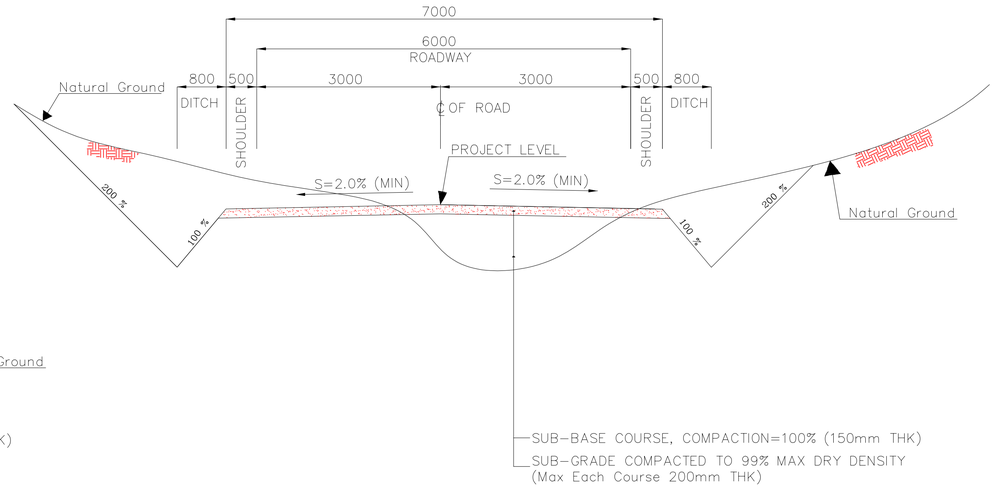
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W035
ACCESS ROAD TRANSVERSAL SECTIONS KM 1480 ~1529.53M

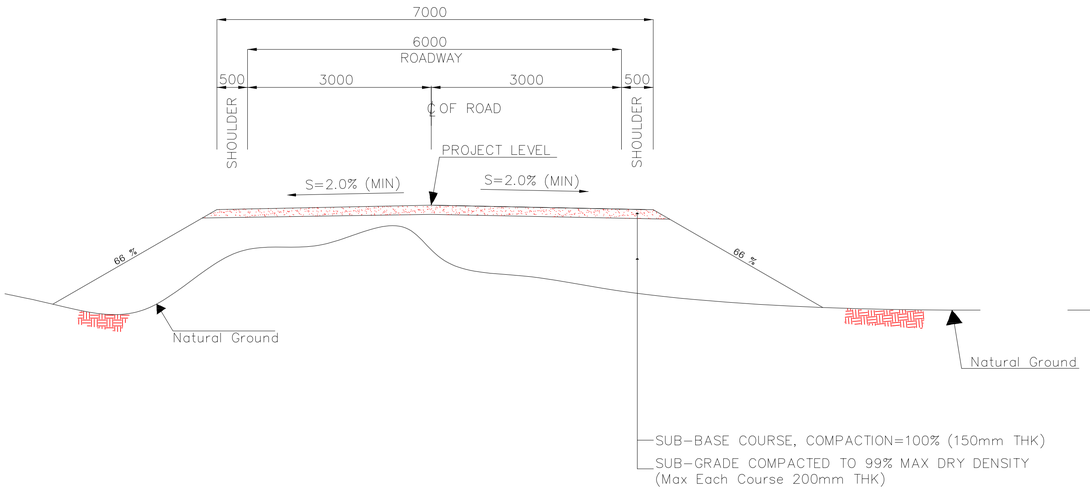
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION | BY: | DATE:

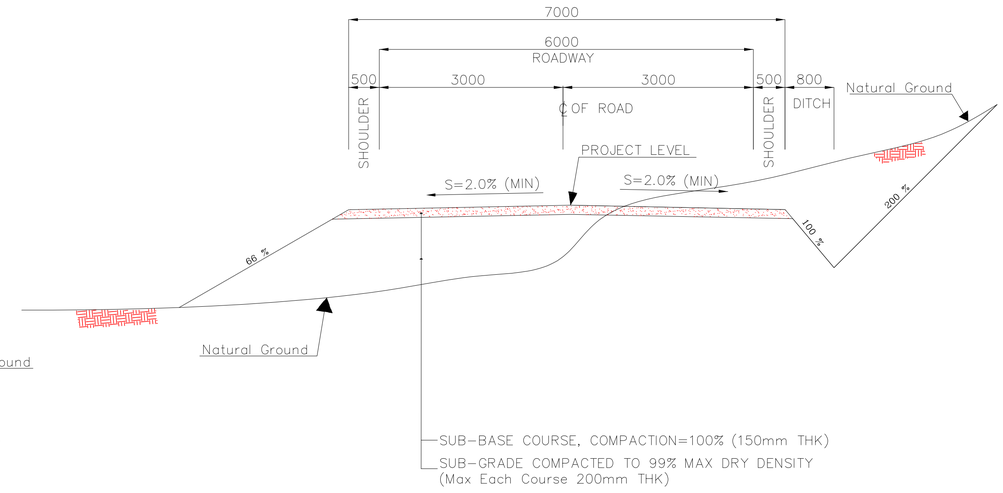
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	54 OF 59	D00

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	54	D00









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

Coordinate of Bench Marks (UTM-ZONE 39N)			
NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

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

LEGEND

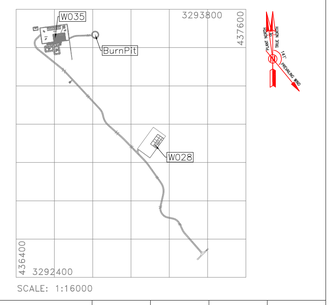
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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-W035
TYPICAL CUT&FILL CROSS SEC.(WELL ACCESS ROAD)

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	55 OF 59	D00

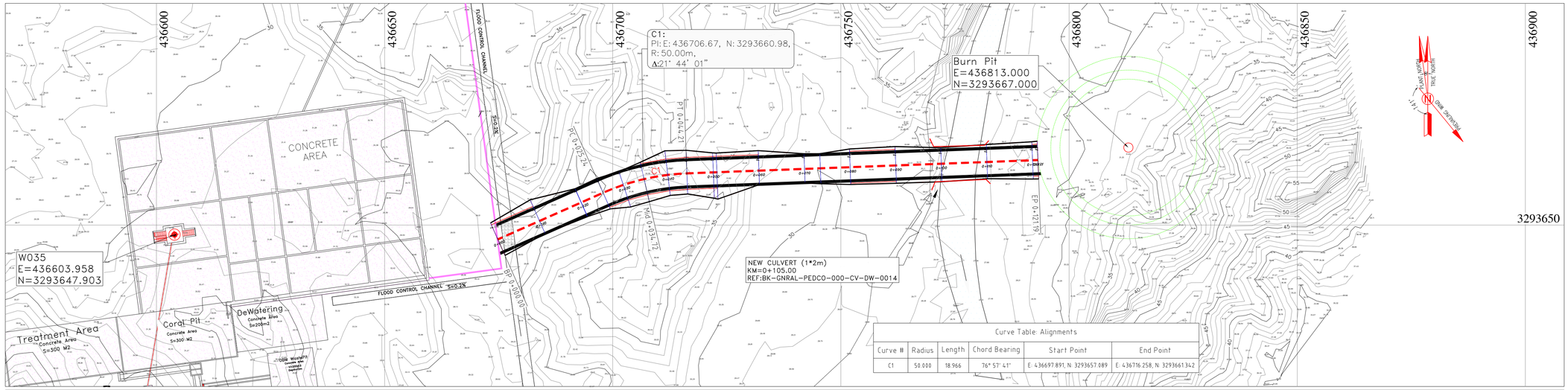
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

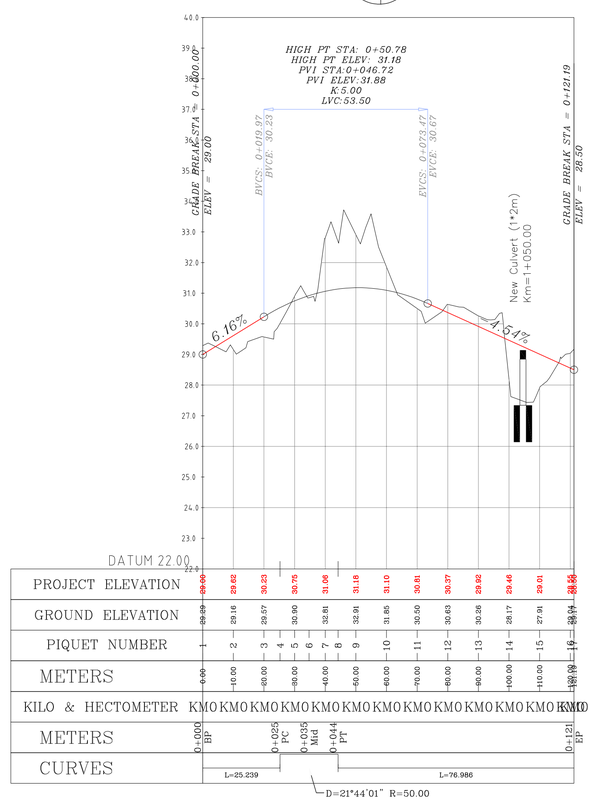
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	55	D00



Curve Table: Alignments					
Curve #	Radius	Length	Chord Bearing	Start Point	End Point
C1	50.000	18.966	76° 57' 41"	E: 436697.891, N: 3293657.089	E: 436716.258, N: 3293661.342

MAIN ACCESS ROAD PLAN

H: 1/500 (1)



MAIN ACCESS ROAD PROFILE

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

Coordinate of Bench Marks (UTM-ZONE 39N)			
NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

Station	Northing	Easting
0+000.00	3293646.86	436674.82
0+010.00	3293650.91	436683.96
0+019.97	3293654.95	436693.07
0+020.00	3293654.97	436693.10
0+025.24	3293657.09	436697.89
0+030.00	3293658.81	436702.33
0+034.72	3293660.09	436706.87
0+040.00	3293661.01	436712.07
0+044.21	3293661.34	436716.26
0+050.00	3293661.56	436722.05
0+050.78	3293661.59	436722.83
0+060.00	3293661.94	436732.04
0+070.00	3293662.32	436742.03
0+073.47	3293662.45	436745.50
0+080.00	3293662.70	436752.03
0+090.00	3293663.08	436762.02
0+100.00	3293663.46	436772.01
0+110.00	3293663.84	436782.01
0+120.00	3293664.21	436792.00
0+121.19	3293664.26	436793.19

PI No.	Northing	Easting
Start	3293646.86	436674.82
PI-1	3293660.98	436706.67
End	3293664.26	436793.19

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

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

LEGEND

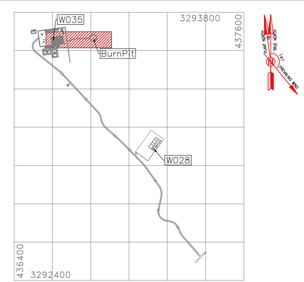
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

ABBREVIATION

PT= POINT
PVI= POINT OF VRTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION
PI= POINT OF INTERSECTION
PC= POINT OF CURVATURE STATION
MID= CURVE MID POINT STATION
PT= POINT OF TANGENT STATION

KEY PLAN



REV.	DATE	DESCRIPTION	BY	CHECKED	BY	APPR.
***	**********		**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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-W035
BURN PIT ROAD PLAN AND PROFILE SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	56 OF 59	D00

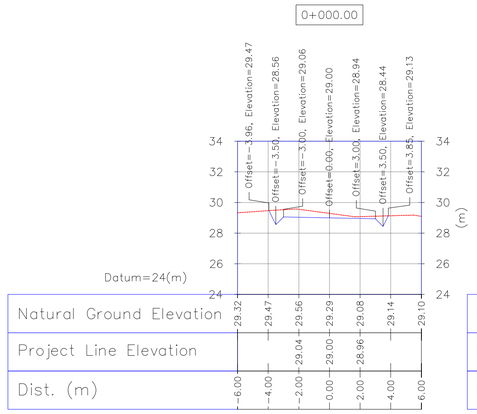
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

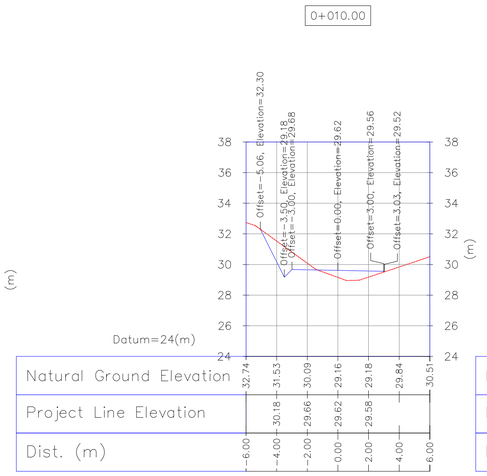
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

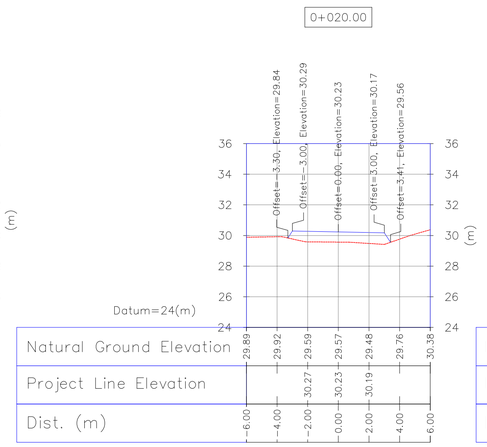
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

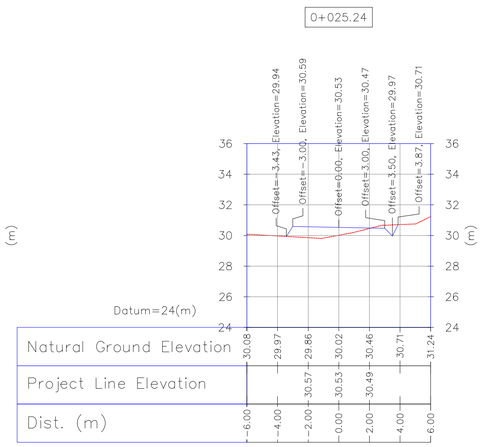
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION | BY: | DATE:

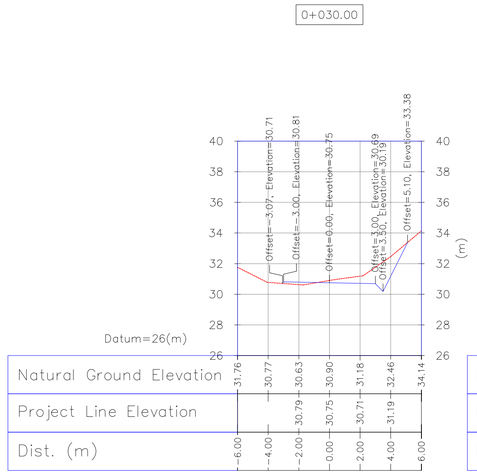
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	56	D00

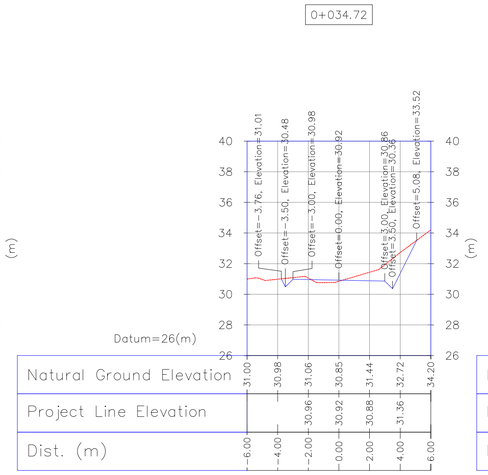


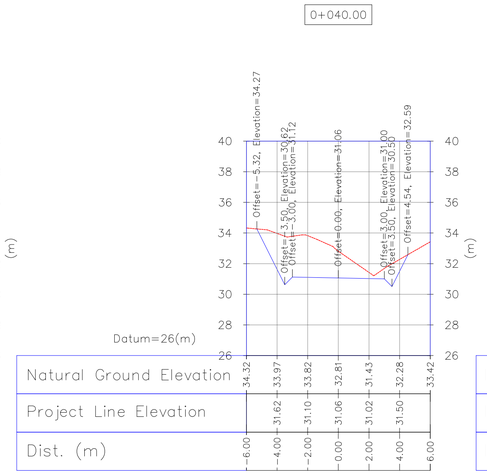


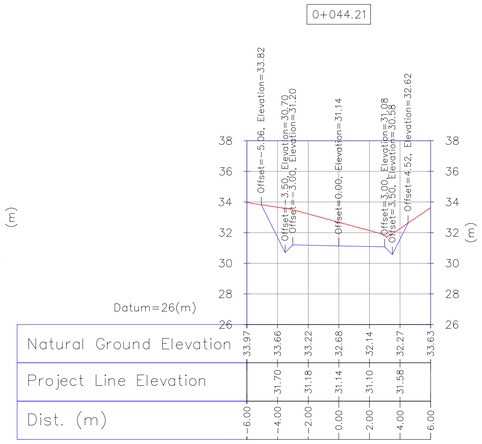












Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,..) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

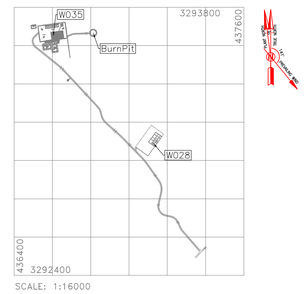
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
99.27 SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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.	
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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-W035
BURN PIT ROAD TRANSVERSAL SECTIONS KM 0 ~44.21M

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	57 OF 59	D00

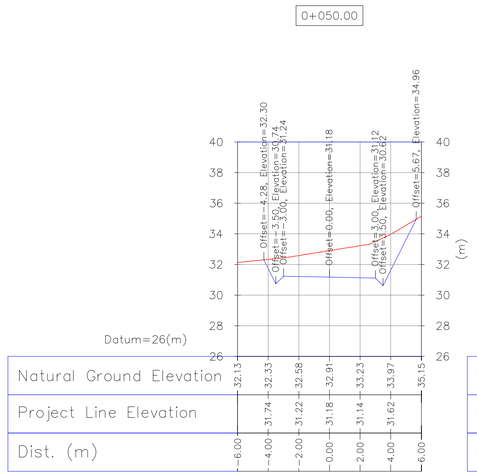
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF
N.I.S.O.C./ FIELDS

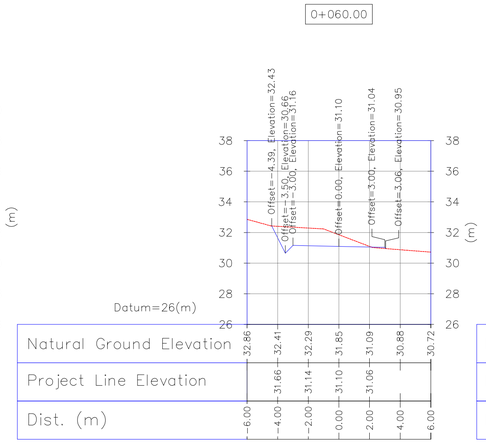
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

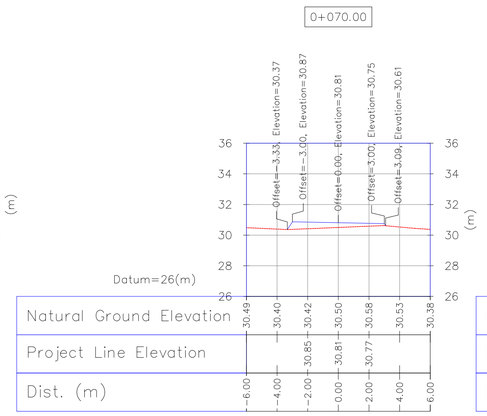
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

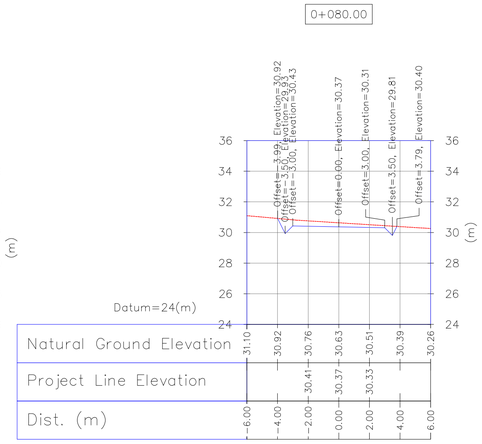
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE:

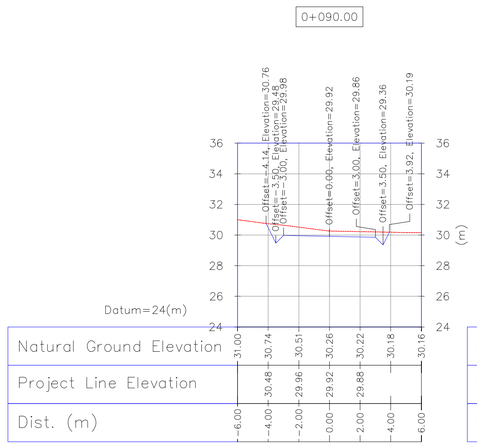
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	57	D00

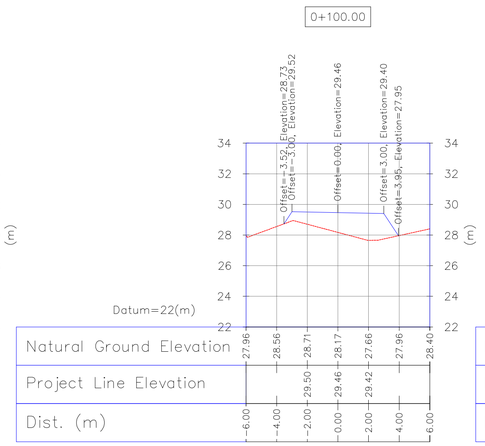


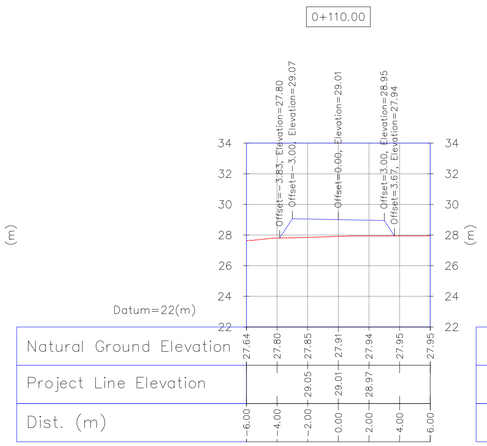


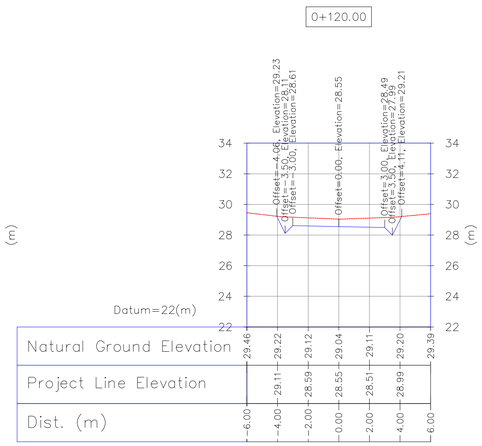


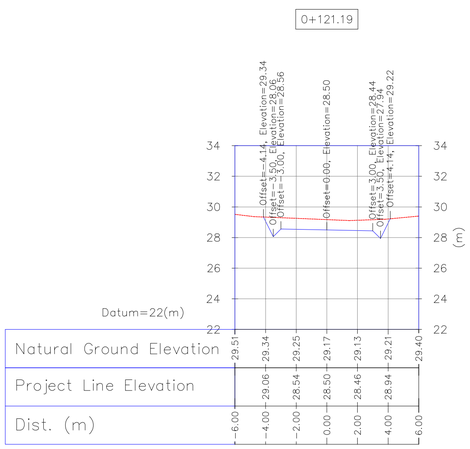












Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARH,..) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

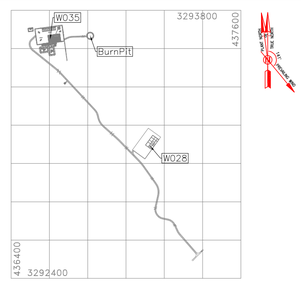
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS (60 / 50)
SPOT HEIGHT (99.27)
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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-W035
BURN PIT ROAD TRANSVERSAL SECTIONS KM50~121.19M

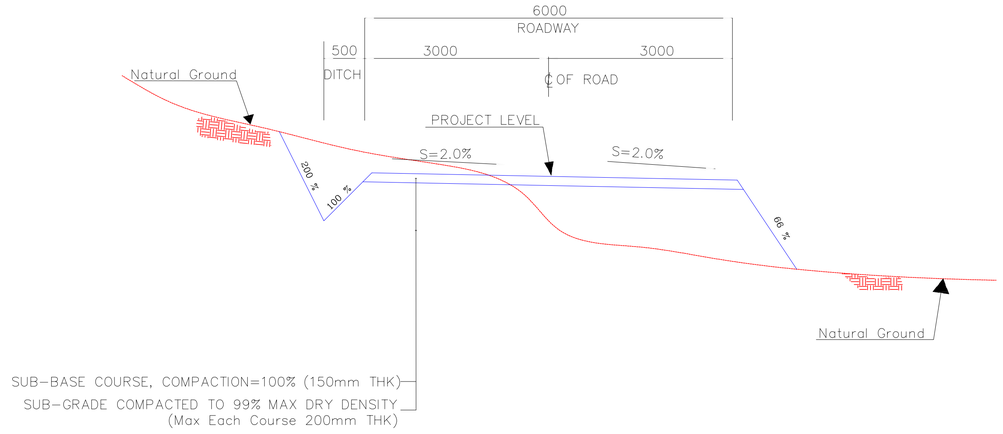
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W035 WELLHEAD FACILITIES

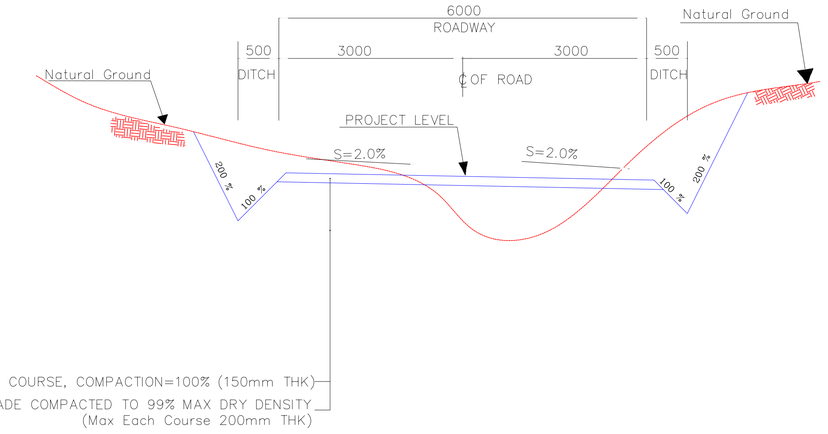
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

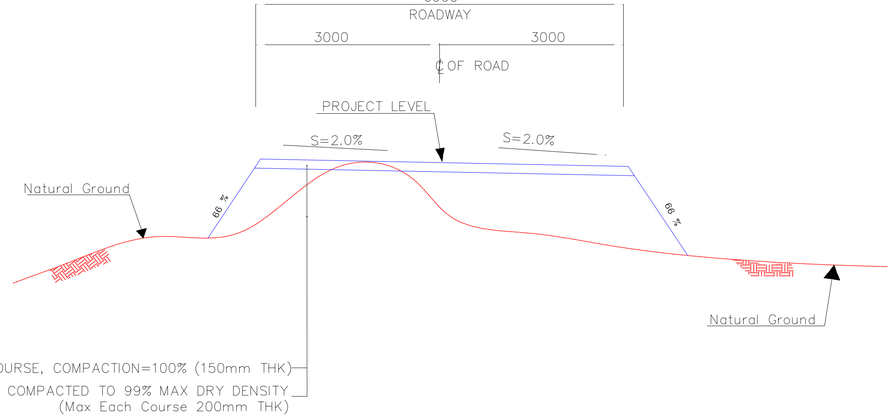
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION | BY: | DATE:

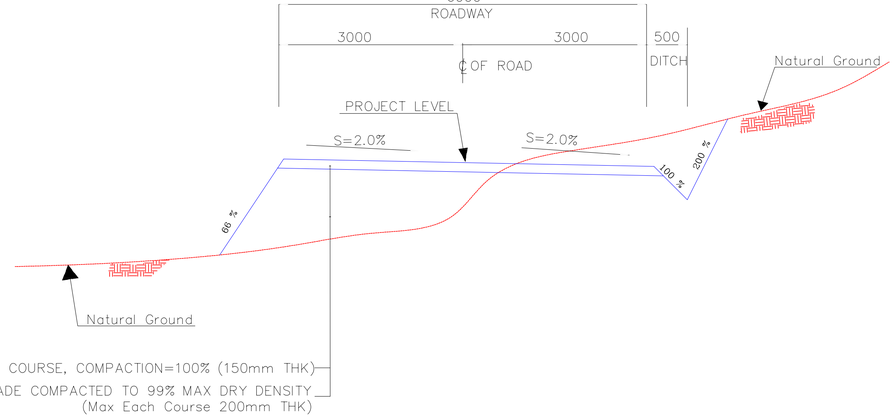
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	58 OF 59	D00

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707778	58	D00









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

Coordinate of Bench Marks (UTM-ZONE 39N)

NAME	Northing(m)	Easting(m)	Elevation(m)
GPS2	3293600.410	436458.652	34.62
GPS3	3293700.657	436396.517	28.48
S35	3293246.697	436834.486	45.67
S39	3293637.729	436479.399	35.68
BM12	3292567.901	437294.141	35.395
BM14	3292998.852	437204.521	37.686
BM16	3293160.118	436964.749	37.57

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
4- THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
- PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
5- BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

LEGEND

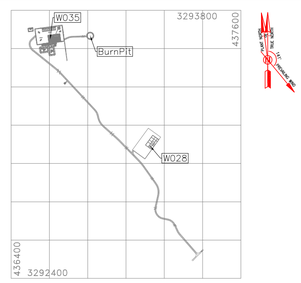
WELL LOCATION
WELL
SITE
CAMP SITE
ASPHALT ROAD
GRAVEL ROAD
PROPOSED ROAD
DAYLIGHT
CANAL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
BRIDGE
CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W035	BK-W035-PEDCO-110-CV-PY-0001
Rough Grading Plans -W035	BK-W035-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	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE
***	**********	**.**	***.****	**.**	***.****
D00	JAN.2023	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 W035 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-W035
TYPICAL CUT&FILL CROSS SEC.(Burn Pit ACCESS ROAD)

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W035-PEDCO-110-CV-PY-0002	59 OF 59	D00

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
W035 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	707778	59	D00