

1:100 (1) WELLPAD FOUNDATION PLAN
FORMWORK

TABLE 1 (CORNERS COORDINATES)		
POINT 1	E=438713.97	N=3291817.51
POINT 2	E=438691.37	N=3291849.54
POINT 3	E=438743.66	N=3291886.44
POINT 4	E=438766.95	N=3291853.43
POINT 5	E=438736.93	N=3291820.01
POINT 6	E=438731.17	N=3291828.18
POINT 7	E=438755.68	N=3291845.48
POINT 8	E=438761.44	N=3291837.31

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 WATER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS & SHALL BE FOLLOWED ASTM D2499. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION.
10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:

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

12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.
13- JOINT FILLER SHALL BE ELASTIC MATERIAL, POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED.
14- THE EMULSION ON CONCRETE EXPOSED WITH SOIL SHOULD BE B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS. THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640

±0.00 = +68.00(R.G.L.)MSL

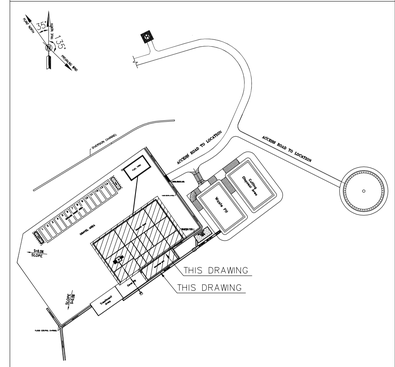
LEGEND AND ABBREVIATION

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
B.O.P.	BOTTOM OF PIPE
R.G.L.	ROUGH GRADING LEVEL
B.O.CH.	BOTTOM OF CHANNEL

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W008N	BK-W008N-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	DATE	BY	DATE
			CHECKED		REV. APPR.	
***	**********		**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R. BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
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 W008N 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
W008N WELLHEAD FACILITIES

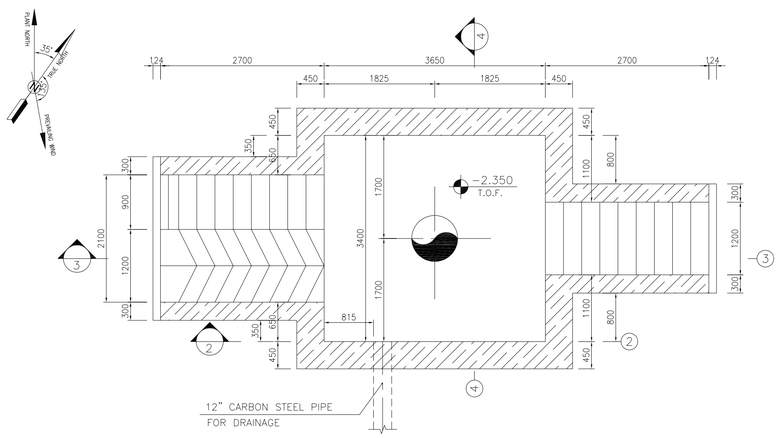
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W008N WELLPAD FOUNDATION FORMWORK PLAN

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

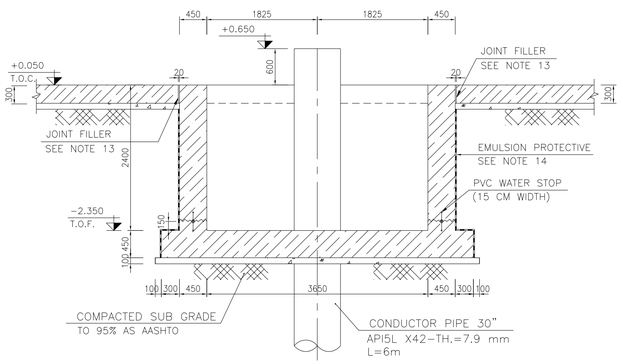
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W008N-PEDCO-110-CV-PY-0002	1 OF 75	D00

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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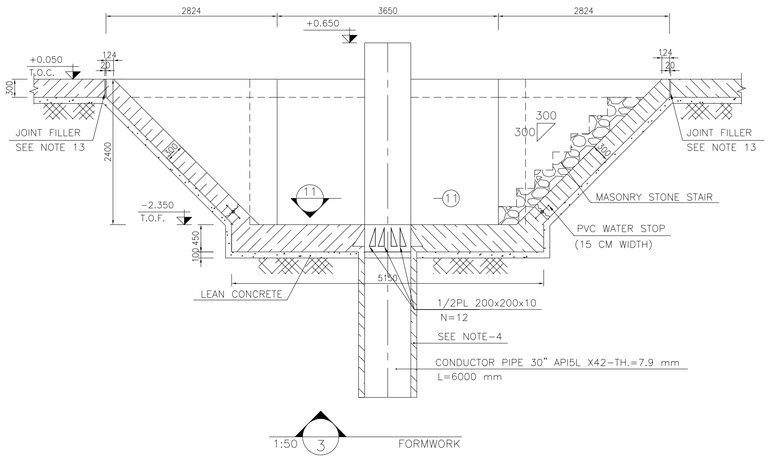


1:50 (1/59) 1 CALLAR PIT FORMWORK PLAN

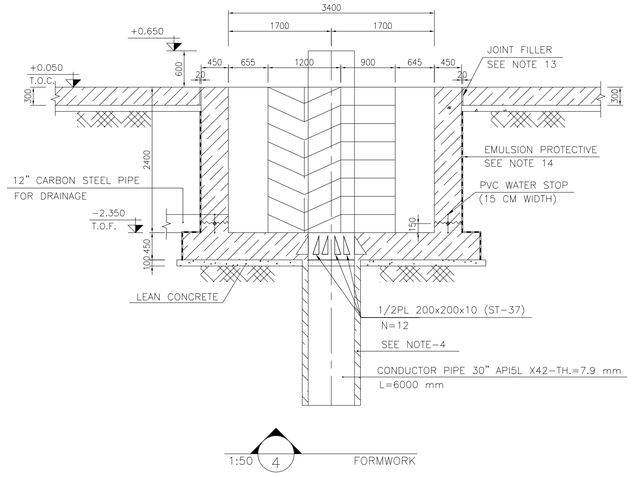
SHOULD BE USED MICRO SILICA IN FLOOR & WALLS CONCRETE (IN THE FORM OF A GEL CONTAINING FIBER MATERIAL)



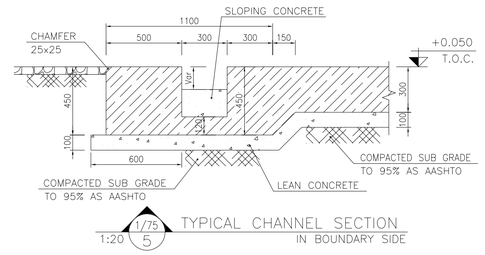
1:50 (2) FORMWORK



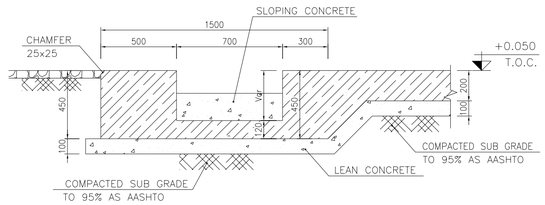
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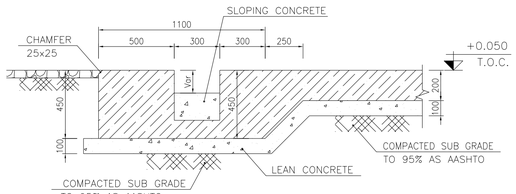
1:50 (4) FORMWORK



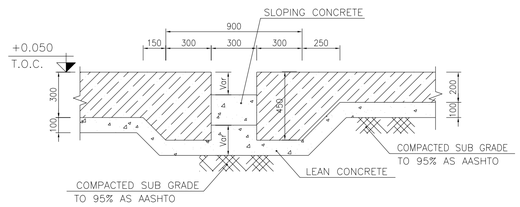
1:20 (1/75) 5 TYPICAL CHANNEL SECTION IN BOUNDARY SIDE



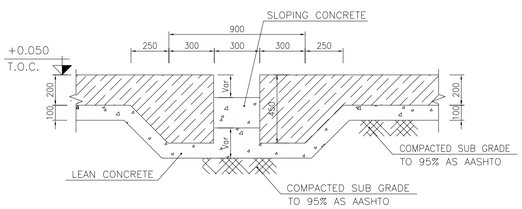
1:20 (1/75) 6 TYPICAL CHANNEL SECTION IN BOUNDARY SIDE



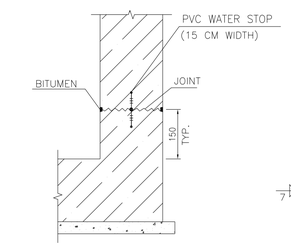
1:20 (1/75) 7 TYPICAL CHANNEL SECTION IN BOUNDARY SIDE



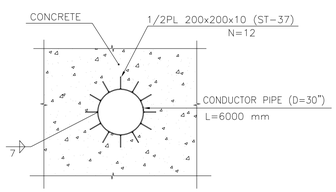
1:20 (1/75) 8 TYPICAL CHANNEL SECTION IN MIDDLE SIDE



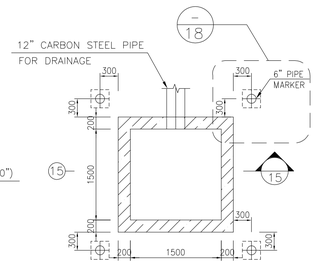
1:20 (1/75) 9 TYPICAL CHANNEL SECTION IN MIDDLE SIDE



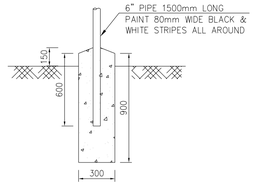
N.T.S. (-) 10 TYPICAL DETAIL OF WATER STOP



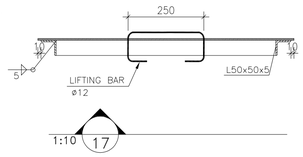
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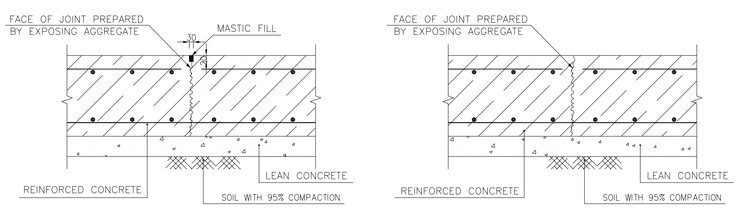
1:50 (1/59) 14 DRAIN PIT FORMWORK PLAN



1:25 (-) 18 DETAIL OF MARKERS

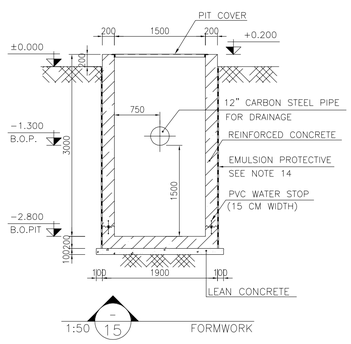


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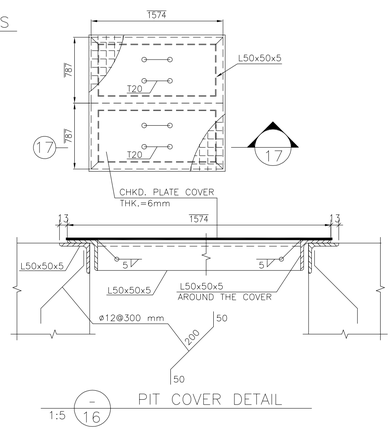


N.T.S. (-) 12 TYPICAL CONTRACTION JOINT ONLY IN CELLAR AREA

N.T.S. (-) 13 TYPICAL CONSTRUCTION JOINT ONLY IN CELLAR AREA



1:50 (-) 15 FORMWORK



1:5 (-) 16 PIT COVER DETAIL

NOTES

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GLOSS : DULL
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MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR(UTM)
VERTICAL DATUM: MSL
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±0.00 = +68.00(R.G.L.)MSL

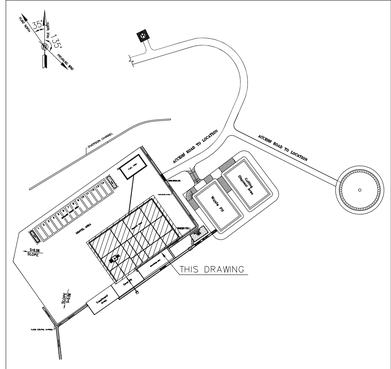
LEGEND AND ABBREVIATION

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
B.O.P.	BOTTOM OF PIPE
R.G.L.	ROUGH GRADING LEVEL
B.O.CH.	BOTTOM OF CHANNEL

REFERENCE DRAWING	DRG. No.
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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	DATE	BY	DATE
			CHECKED		REV. APPR.	
D00	JUL.2023	IFC	R. BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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-W008N WELLPAD AND RIG FOUNDATION DETAILS & SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W008N-PEDCO-110-CV-PY-0002	2 OF 75	D00

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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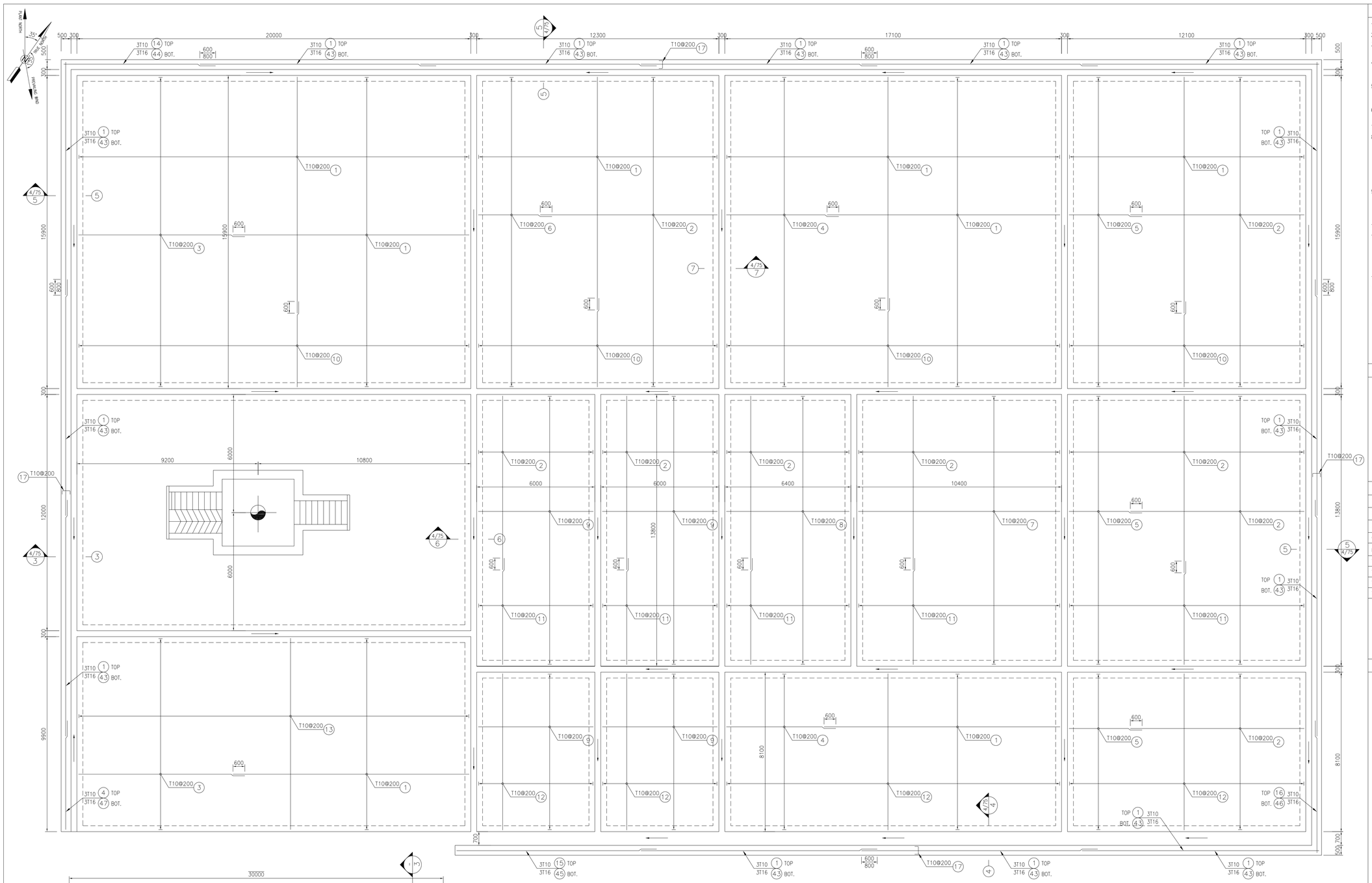
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

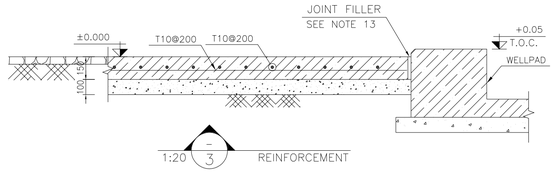
APPROVED FOR CONSTRUCTION | BY: | DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707864	2	D00



1:100 1 WELLPAD FOUNDATION PLAN REINFORCEMENT

1:100 2 DEWATERING FORMWORK & REINFORCEMENT PLAN



1:20 3 REINFORCEMENT

NOTES

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THICKNESS : 300~400 MICRON
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VERTICAL DATUM:	MSL

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±0.00 = +68.00(R.G.L.)MSL

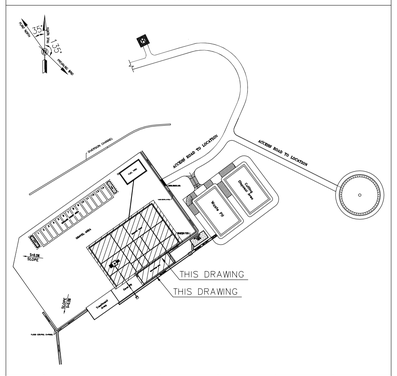
LEGEND AND ABBREVIATION

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
B.O.P.	BOTTOM OF PIPE
R.G.L.	ROUGH GRADING LEVEL
B.O.CH.	BOTTOM OF CHANNEL

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W008N	BK-W008N-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	JUL.2023	IFC	R. BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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
W008N WELLHEAD FACILITIES

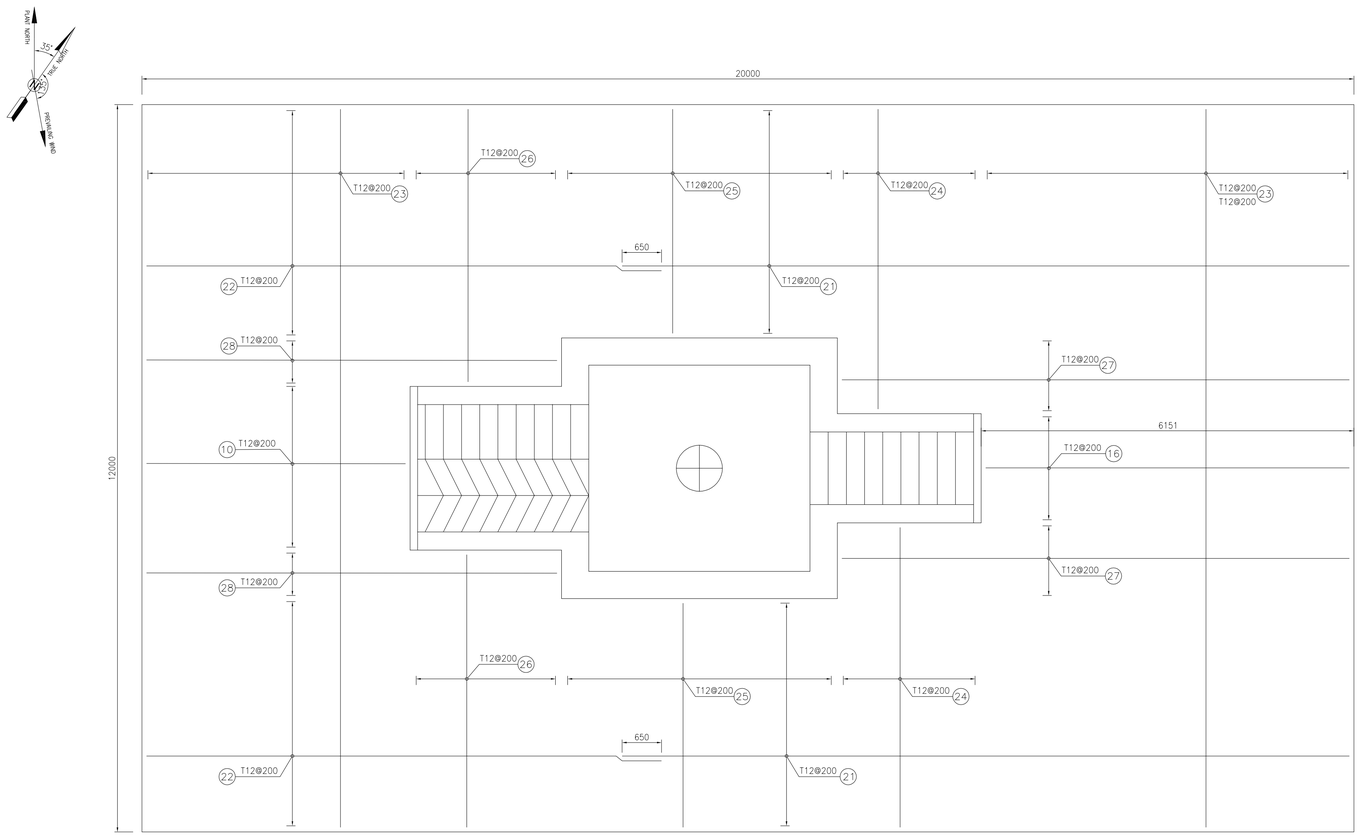
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DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W008N
WELLPAD FOUNDATION REINFORCEMENT PLAN

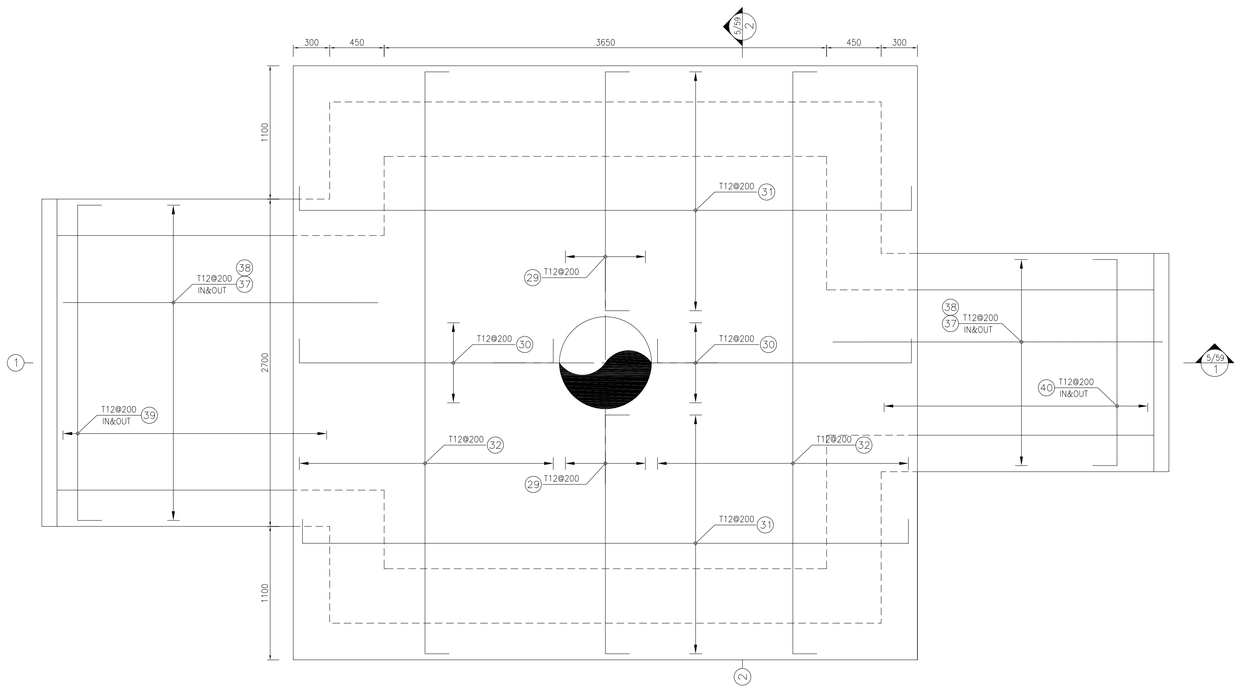
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

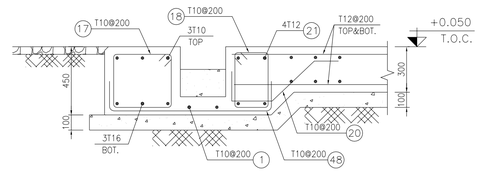
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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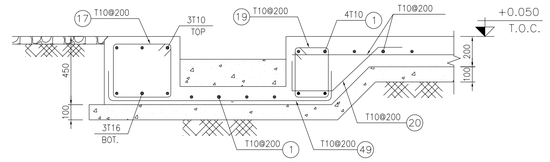
RIG FOUNDATION REINFORCEMENT PLAN
1:50 (1) TOP & BOTTOM



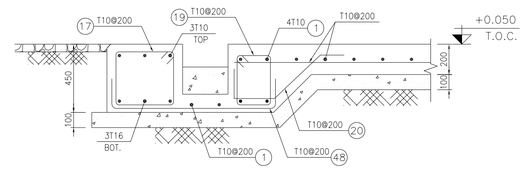
CELLAR PIT FOUNDATION REINFORCEMENT PLAN
1:25 (-2) TOP & BOTTOM



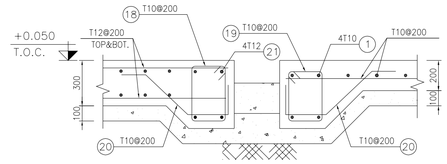
TYPICAL CHANNEL SECTION IN BOUNDARY SIDE
1:20 (3/75 3)



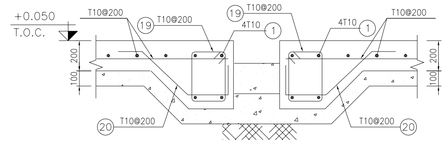
TYPICAL CHANNEL SECTION IN BOUNDARY SIDE
1:20 (3/75 4)



TYPICAL CHANNEL SECTION IN BOUNDARY SIDE
1:20 (3/75 5)



TYPICAL CHANNEL SECTION IN MIDDLE SIDE
1:20 (3/75 6)



TYPICAL CHANNEL SECTION IN MIDDLE SIDE
1:20 (3/75 7)

NOTES

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7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE:
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THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
9- JOINT SEALANT MATERIALS SHALL BE WATER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS & SHALL BE FOLLOWED ASTM D2499. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION.
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ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR(UTM)
VERTICAL DATUM: MSL
12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.
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±0.00 = +68.00(R.G.L.)MSL

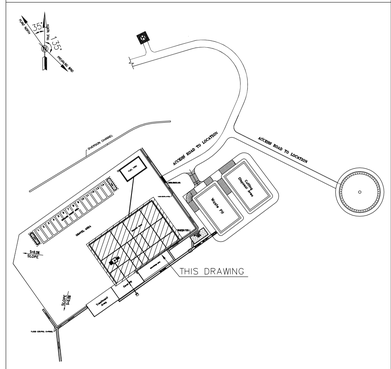
LEGEND AND ABBREVIATION

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
B.O.P.	BOTTOM OF PIPE
R.G.L.	ROUGH GRADING LEVEL
B.O.CH.	BOTTOM OF CHANNEL

REFERENCE DRAWING	DRG. No.
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SPECIFICATION FOR ROAD & PAVING	BK-GNRAL-PEDCO-000-CV-SP-0002

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R. BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N WELLHEAD FACILITIES
PROJECT NO.: 971020

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

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W008N
RIG AND CELLAR FOUNDATION REINFORCEMENT-SECTIONS

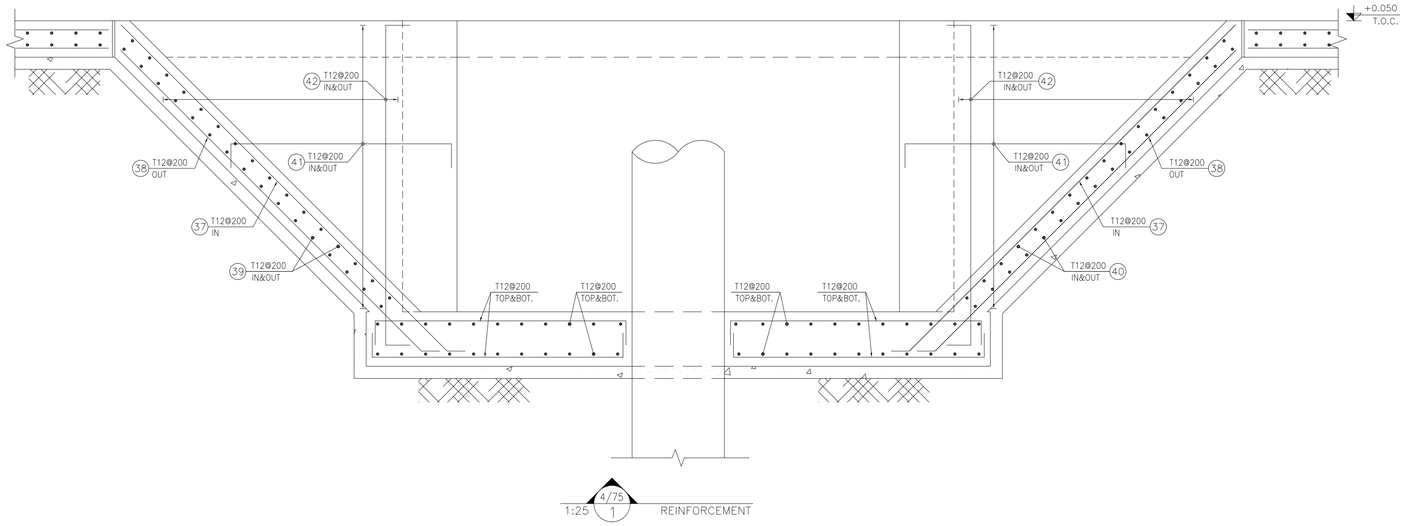
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W008N-PEDCO-110-CV-PY-0002	4 OF 75	D00

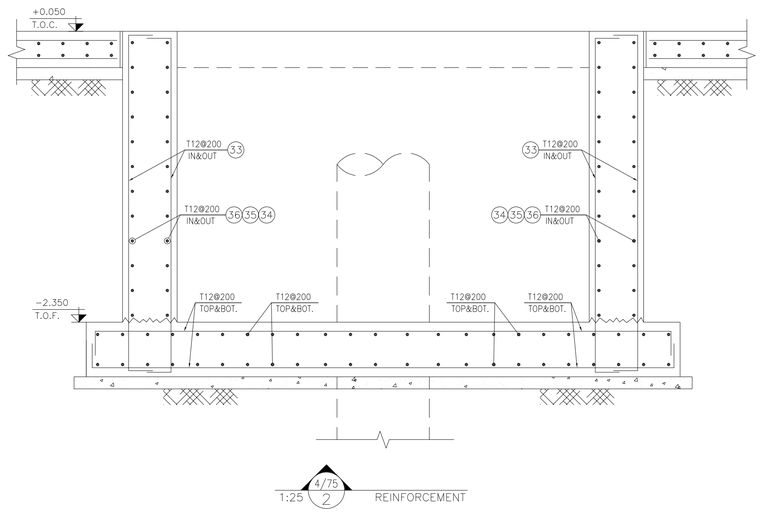
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707864	4	D00

BAR BENDING SCHEDULE – WELLPAD & CELLAR

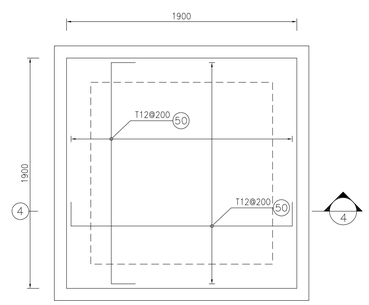
Pos	Spec.	Shape	L/A	No.	T10	T12	T16
1	T10	12000	12.00	805	9660.0		
2	T10	9000	9.00	478	4302.00		
3	T10	8450	8.45	128	1075.20		
4	T10	5550	5.55	124	688.20		
5	T10	3550	3.55	188	667.40		
6	T10	3750	3.75	80	300.00		
7	T10	10250	10.25	60	615.00		
8	T10	6250	6.25	60	375.00		
9	T10	5850	5.85	200	1170.0		
10	T10	4350	4.35	305	1326.75		
11	T10	5250	5.25	205	1076.25		
12	T10	7950	7.95	205	1629.75		
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 [1750] 150	2.05	80		164.00	
51	T12	150 [3050] 150	3.20	36		115.20	
TOTAL LENGTH OR AREA (m/m2)					32248.55	5937.20	594.45
UNIT WEIGTH (Kg)					0.617	0.888	1.578
WEIGTH (Kg)					19897.36	5272.23	938.05
GRAND TOTAL (Kg)						26110	



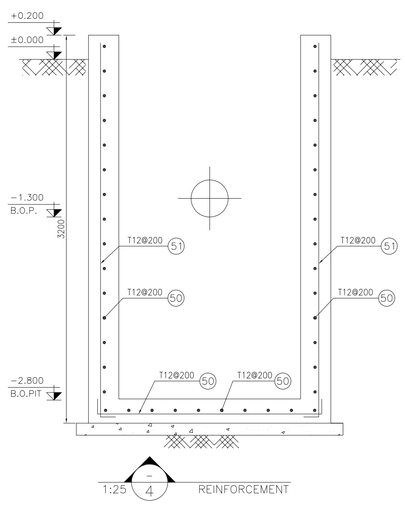
1:25 4/75 (1) REINFORCEMENT



1:25 4/75 (2) REINFORCEMENT



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	100	1200.0
2	T10	7050	7.05	50	352.5
3	T10	9850	9.85	143	1408.6
TOTAL LENGTH OR AREA (m/m2)					2961.10
UNIT WEIGTH (Kg)					0.617
WEIGTH (Kg)					1826.99
GRAND TOTAL (Kg)					1830

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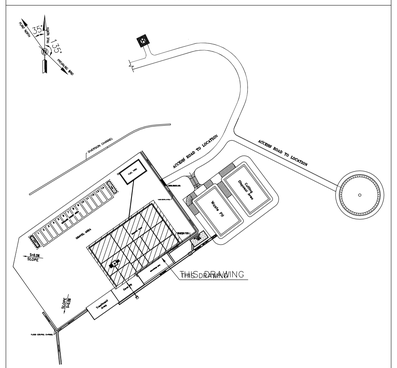
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D00	JUL.2023	IFC	R. BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	** **

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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-W008N RIG AND CELLAR SECTIONS - LISTOFER

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W008N-PEDCO-110-CV-PY-0002	5 OF 75	D00

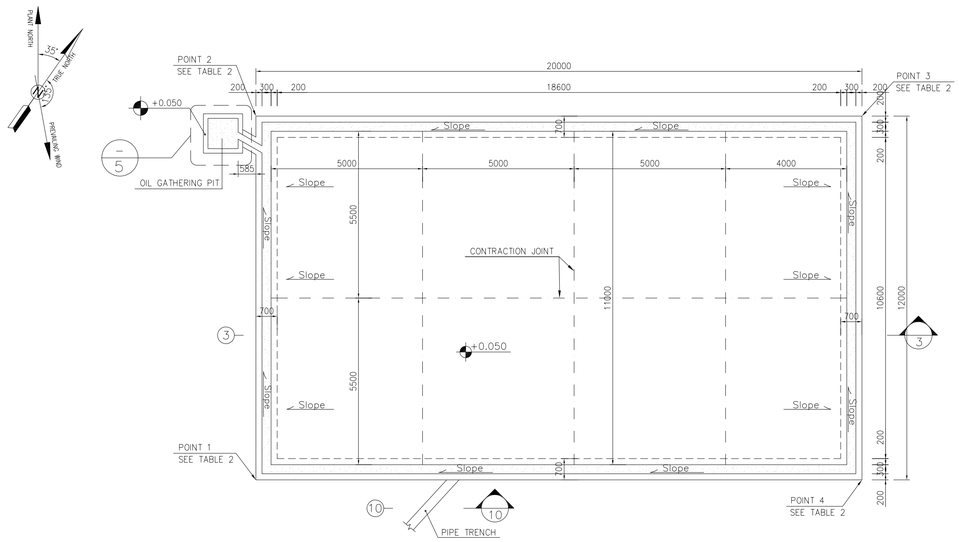
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SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

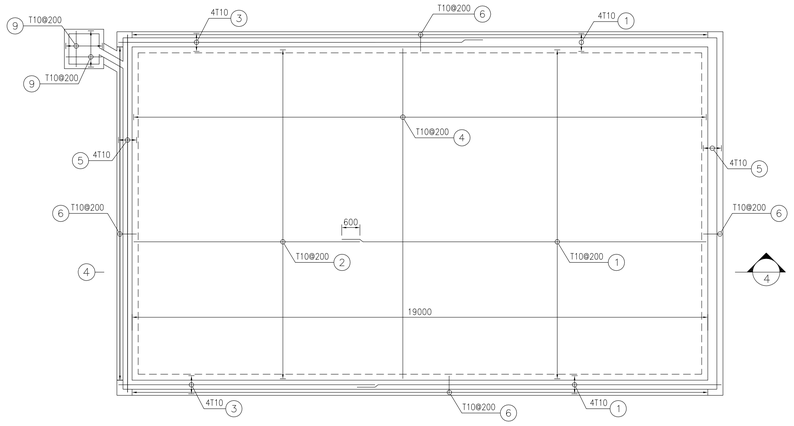
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

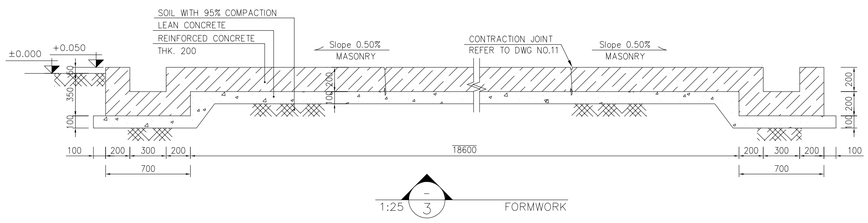
APPROVED FOR CONSTRUCTION			BY:		DATE:	
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707864	5	D00



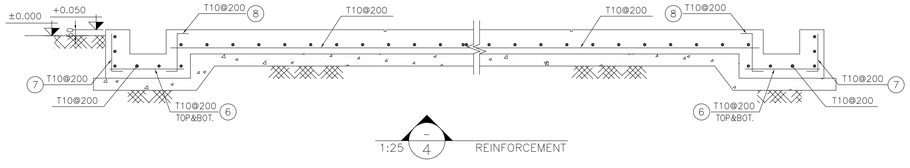
FUEL TANK AREA FOUNDATION
FORMWORK
1:100 (1)



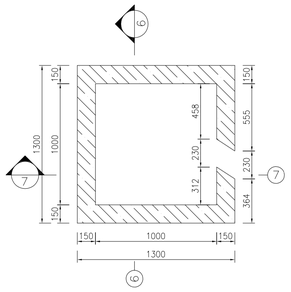
FUEL TANK AREA FOUNDATION
REINFORCEMENT
1:100 (2)



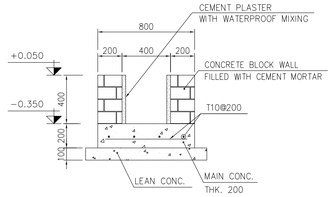
1:25 (3) FORMWORK



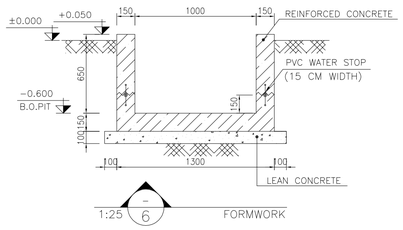
1:25 (4) REINFORCEMENT



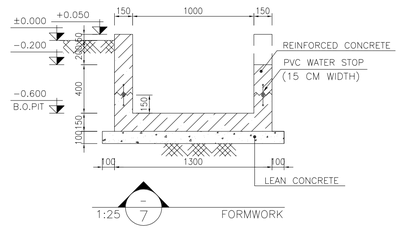
1:25 (5) OIL GATHERING PIT



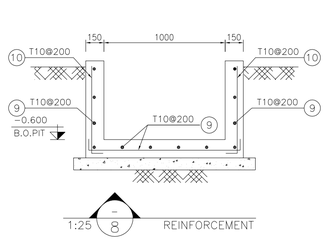
1:25 (10) TYPICAL SECTION OF PIPE TRENCH



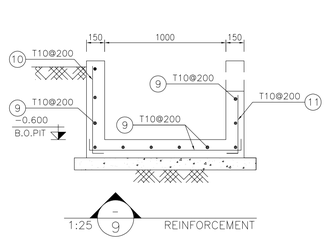
1:25 (6) FORMWORK



1:25 (7) FORMWORK



1:25 (8) REINFORCEMENT



1:25 (9) REINFORCEMENT

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

TABLE 2 (CORNERS COORDINATES)		
POINT 1	E=438723.30	N=3291901.43
POINT 2	E=438716.37	N=3291911.23
POINT 3	E=438732.71	N=3291922.77
POINT 4	E=438739.63	N=3291912.97

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6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm^2
7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR,
BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/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 WATER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS & SHALL BE FOLLOWED ASTM D2499. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION.
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ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR(UTM)
VERTICAL DATUM: MSL
12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.
13- JOINT FILLER SHALL BE ELASTIC MATERIAL, POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED.
14- THE EMULSION ON CONCRETE EXPOSED WITH SOIL SHOULD BE B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS. THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640

±0.00 = +68.00(R.G.L.)MSL

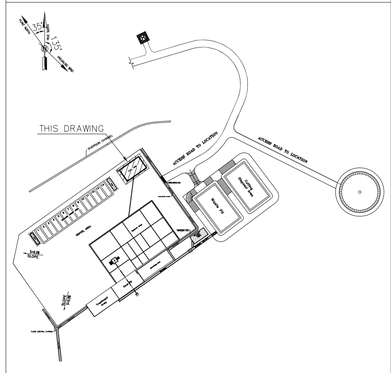
LEGEND AND ABBREVIATION

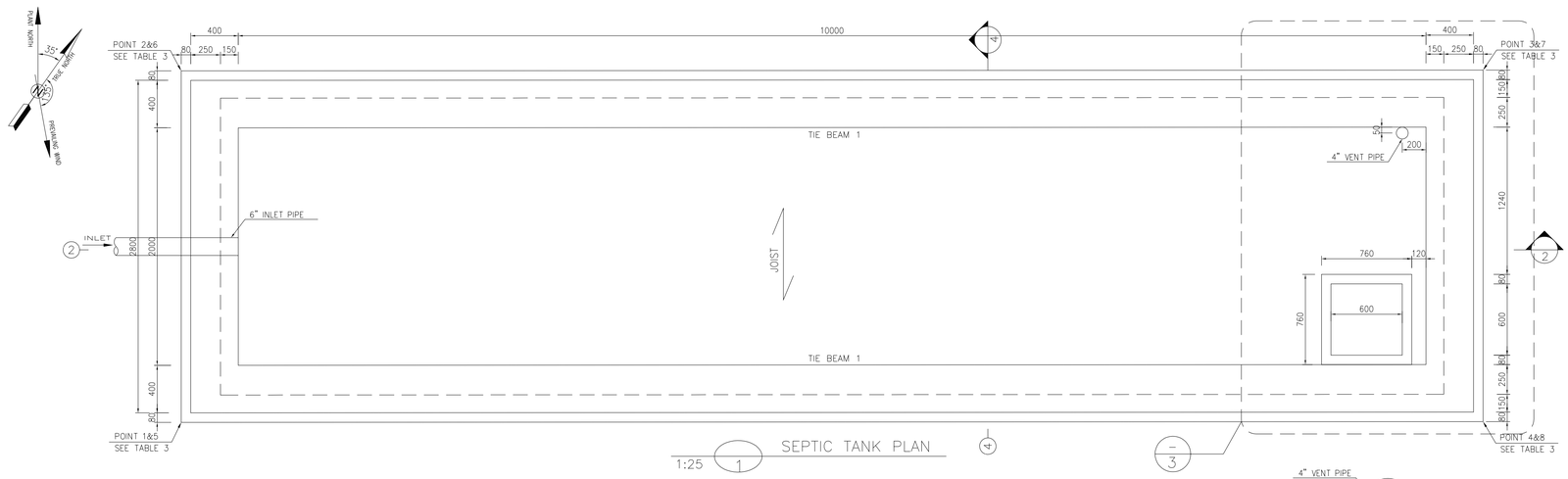
REINFORCED CONCRETE
LEAN CONCRETE
CEMENT BLOCK WALL
GRAVEL
SUB GRADE
SLOPE

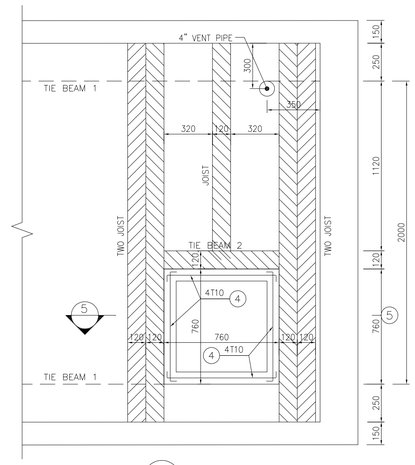
T.O.F.	TOP OF FOUNDATION
T.O.W.	TOP OF WALL
T.O.C.	TOP OF CONCRETE
B.O.P.	BOTTOM OF PIPE
R.G.L.	ROUGH GRADING LEVEL
B.O.CH.	BOTTOM OF CHANNEL

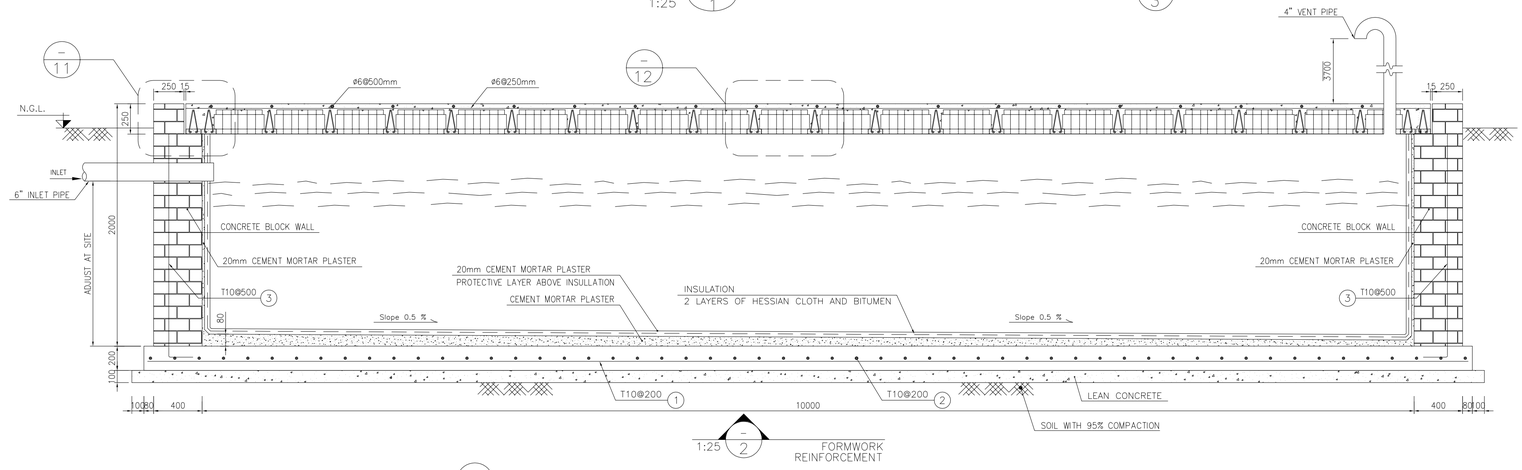
REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
GENERAL NOTES – STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES – REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT –W008N	BK-W008N-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS –W008N	BK-W008N-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

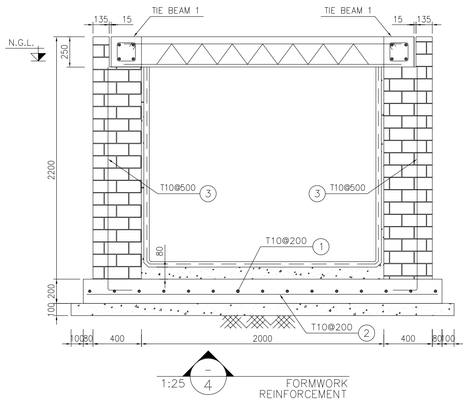
KEY PLAN

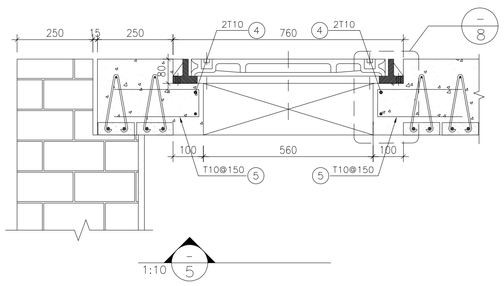

THIS DRAWING
ACCESS ROAD TO KHARG
ACCESS ROAD TO TERMINAL
FUEL TANK
FUEL TANK
FUEL TANK

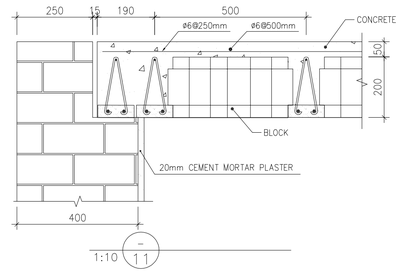


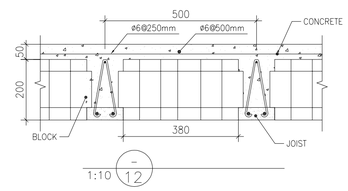


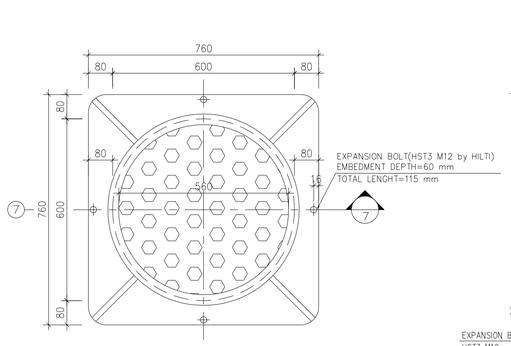


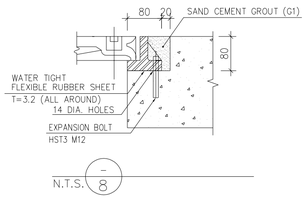


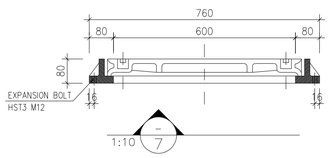


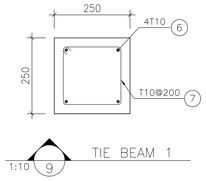


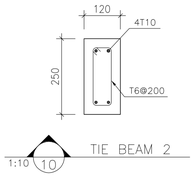


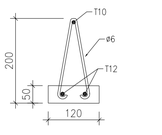


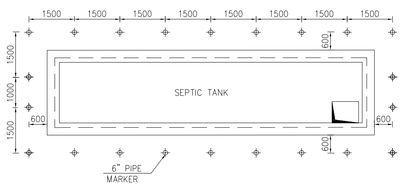


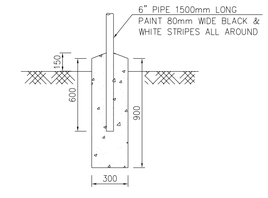












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DENSITY : 4.1-5.1 gr/cm^3
THICKNESS :300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
9-JOINT SEALANT MATERIALS SHALL BE WATER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS & SHALL BE FOLLOWED ASTM D2499. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION.
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VERTICAL DATUM: MSL
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±0.00 = +68.00(R.G.L.)MSL

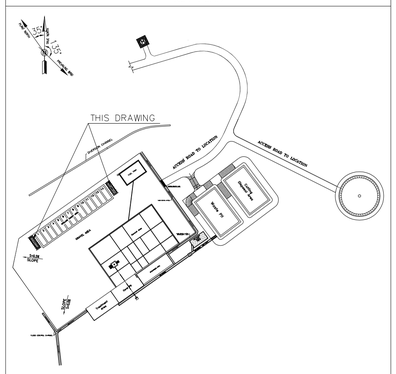
LEGEND AND ABBREVIATION

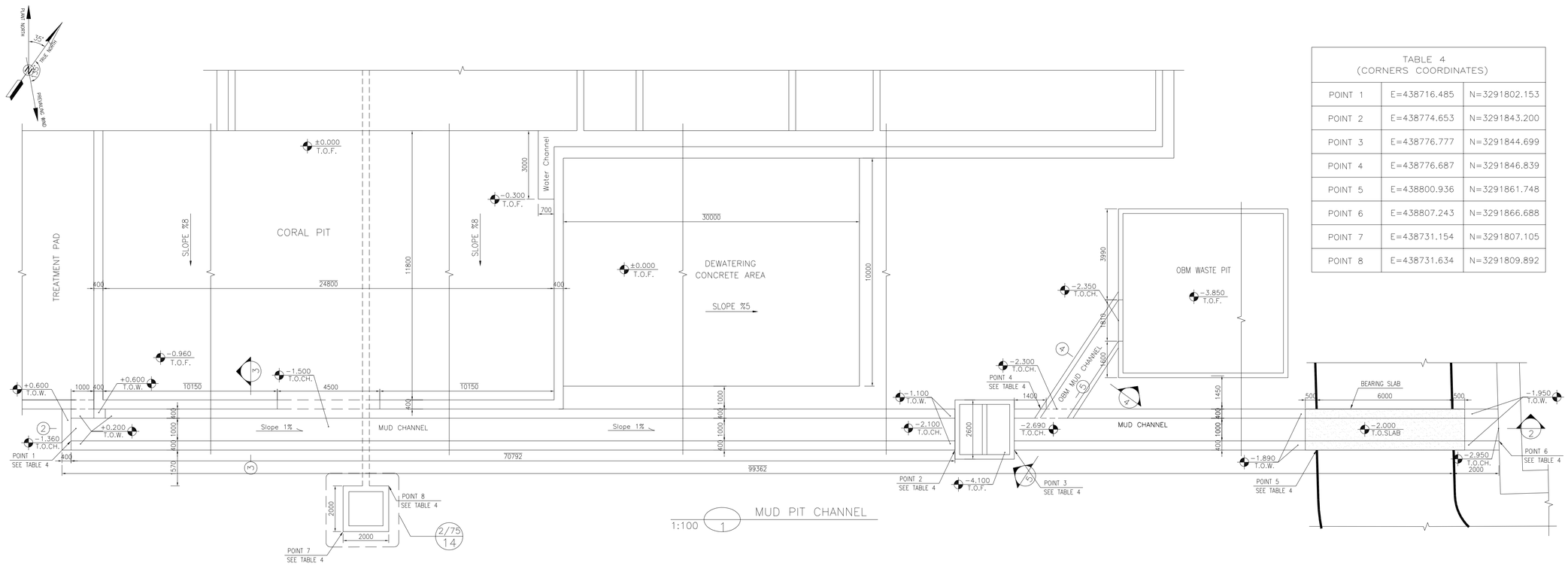
REINFORCED CONCRETE
LEAN CONCRETE
CEMENT BLOCK WALL
GRAVEL
SUB GRADE
SLOPE

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

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W008N	BK-W008N-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


THIS DRAWING
ACCESS ROAD TO LOCATION
ACCESS ROAD TO LOCATION
SEPTIC TANK
SOAK WAY
SOAK WAY
SOAK WAY



MUD PIT CHANNEL

1:100 (1)

TABLE 4 (CORNERS COORDINATES)		
POINT 1	E=438716.485	N=3291802.153
POINT 2	E=438774.653	N=3291843.200
POINT 3	E=438776.777	N=3291844.699
POINT 4	E=438776.687	N=3291846.839
POINT 5	E=438800.936	N=3291861.748
POINT 6	E=438807.243	N=3291866.688
POINT 7	E=438731.154	N=3291807.105
POINT 8	E=438731.634	N=3291809.892

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ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR(UTM)
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12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.
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14- THE EMULSION ON CONCRETE EXPOSED WITH SOIL SHOULD BE B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS. THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640

±0.00 = +68.00(R.G.L.)MSL

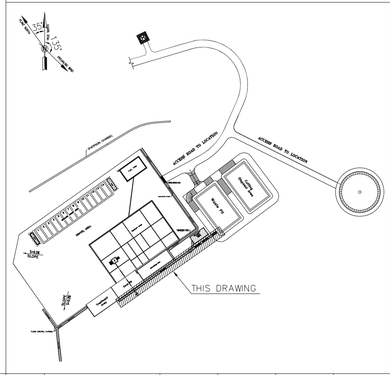
LEGEND AND ABBREVIATION

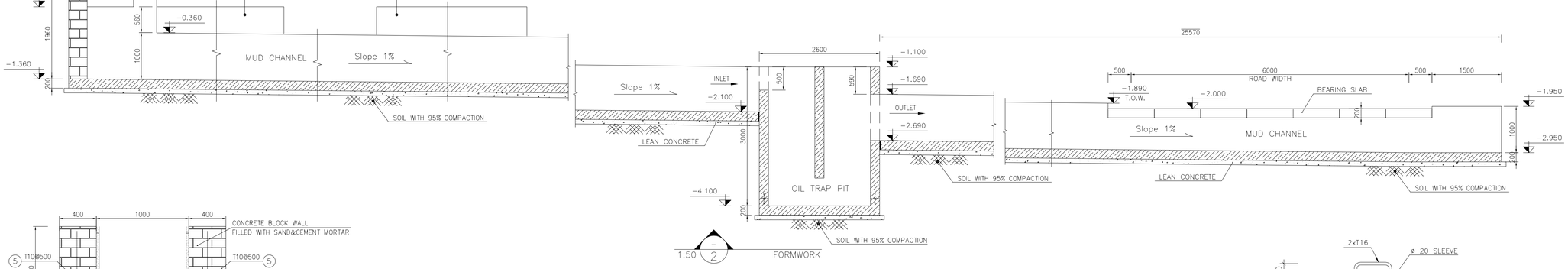
REINFORCED CONCRETE
LEAN CONCRETE
CEMENT BLOCK WALL
GRAVEL
SUB GRADE
SLOPE

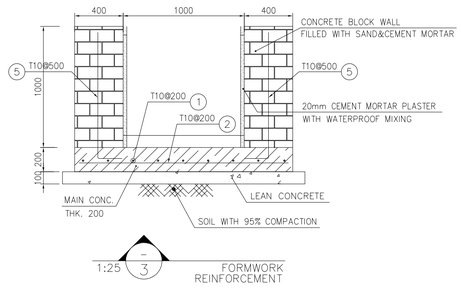
T.O.F. TOP OF FOUNDATION
T.O.W. TOP OF WALL
T.O.C. TOP OF CONCRETE
B.O.P. BOTTOM OF PIPE
R.G.L. ROUGH GRADING LEVEL
B.O.CH. BOTTOM OF CHANNEL

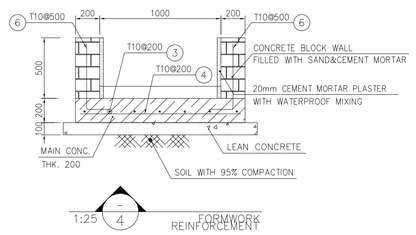
REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W008N	BK-W008N-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

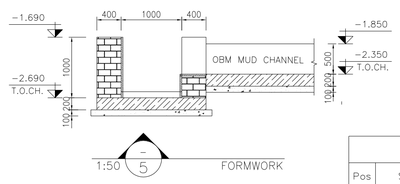
KEY PLAN

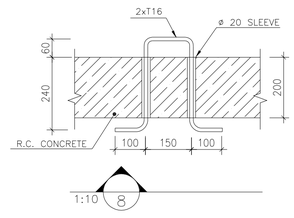


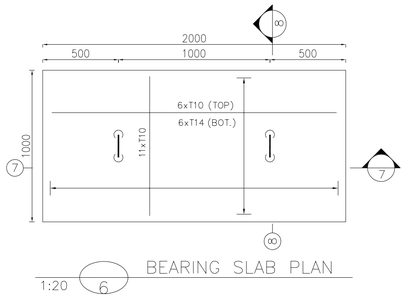


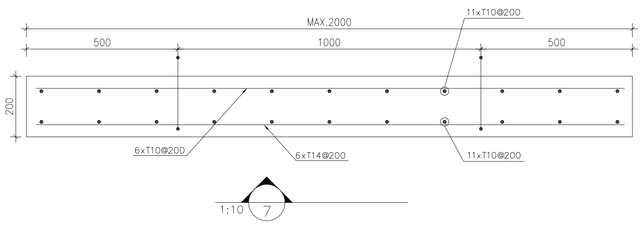












BAR BENDING SCHEDULE - SEPTIC TANK					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	12000	12.00	765	9180.0
2	T10	1650	1.65	490	808.50
3	T10	6000	6.00	7	42.0
4	T10	1250	1.25	24	30.0
5	T10	150 1050	1.20	392	470.40
6	T10	150 550	0.70	20	14.0
TOTAL LENGTH OR AREA (m/m2)					10544.9
UNIT WEIGTH (Kg)					0.617
WEIGTH (Kg)					6506.20
GRAND TOTAL (Kg)					6510

REV.	DATE	DESCRIPTION	BY	DATE	BY	DATE
***	**********		**.**	***.****	**.**	***.****
			CHECKED		REV. APPR.	
D00	JUL.2023	IFC	R. BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N WELLHEAD FACILITIES
PROJECT NO.: 971020

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

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

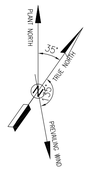
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

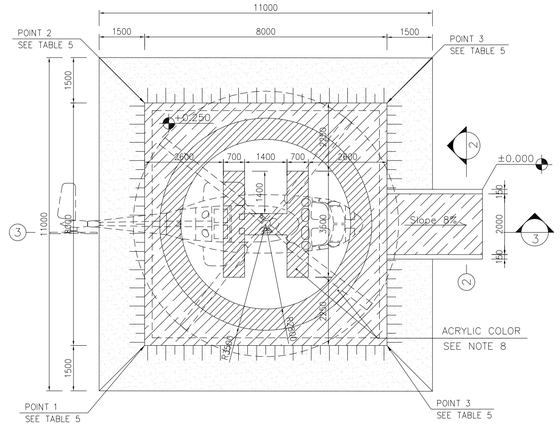
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION | BY: | DATE:

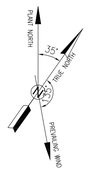
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W008N
MUD PIT CHANNEL FORMWORK & REINFORCEMENT PLAN-SECTION

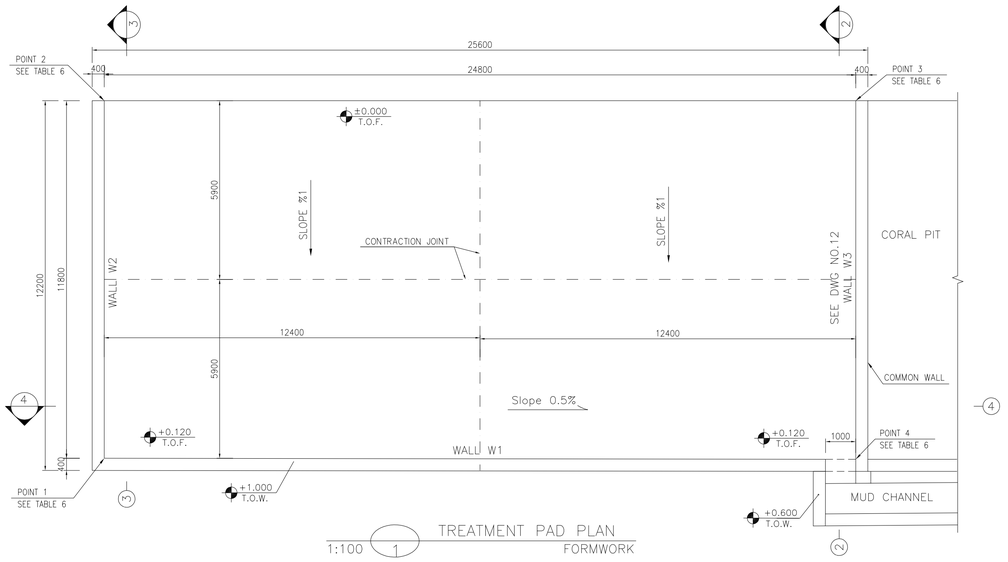
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W008N-PEDCO-110-CV-PY-0002	8 OF 75	D00

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707864	8	D00



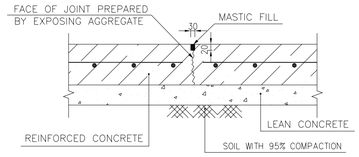

11000
1500
8000
1500
POINT 2
SEE TABLE 5
POINT 3
SEE TABLE 5
+0.250
±0.000
Slope 2%
ACRYLIC COLOR
SEE NOTE 8
POINT 1
SEE TABLE 5
POINT 3
SEE TABLE 5
700
1400
700
2000
3000
3500
1850
1400
2000
1500
1500
11000
2000
2000
2



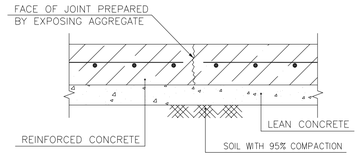


1:100 (1) TREATMENT PAD PLAN FORMWORK

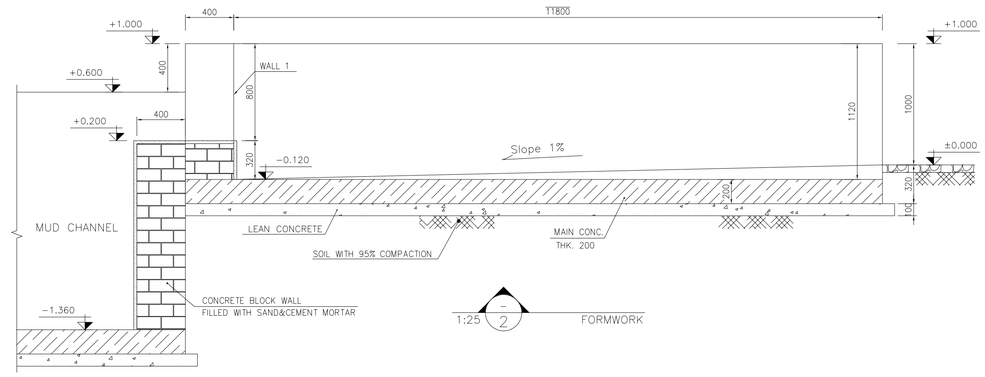
TABLE 6 (CORNERS COORDINATES)		
POINT 1	E=438696.098	N=3291790.458
POINT 2	E=438689.294	N=3291800.100
POINT 3	E=438709.557	N=3291814.399
POINT 4	E=438716.361	N=3291804.757



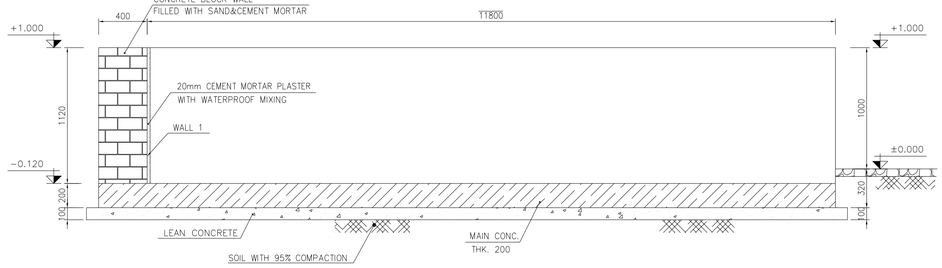
N.T.S. (7) TYPICAL CONTRACTION JOINT



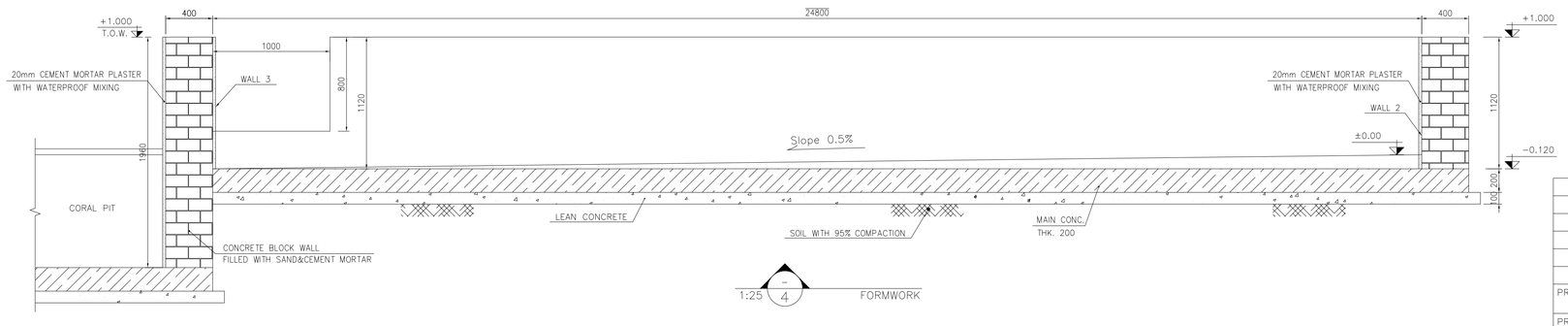
N.T.S. (8) TYPICAL CONSTRUCTION JOINT



1:25 (2) FORMWORK



1:25 (3) FORMWORK



1:25 (4) 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/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 WATER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS & SHALL BE FOLLOWED ASTM D2499. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION.
10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR(UTM)
VERTICAL DATUM: MSL
12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.
13- JOINT FILLER SHALL BE ELASTIC MATERIAL POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED.
14- THE EMULSION ON CONCRETE EXPOSED WITH SOIL SHOULD BE B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS. THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640

±0.00 = +68.00(R.G.L.)MSL

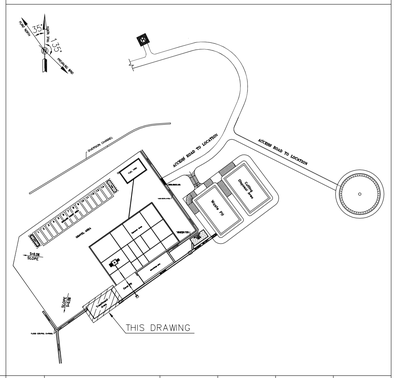
LEGEND AND ABBREVIATION

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
B.O.P.	BOTTOM OF PIPE
R.G.L.	ROUGH GRADING LEVEL
B.O.CH.	BOTTOM OF CHANNEL

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W008N	BK-W008N-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	JUL.2023	IFC	R. BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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
W008N WELLHEAD FACILITIES

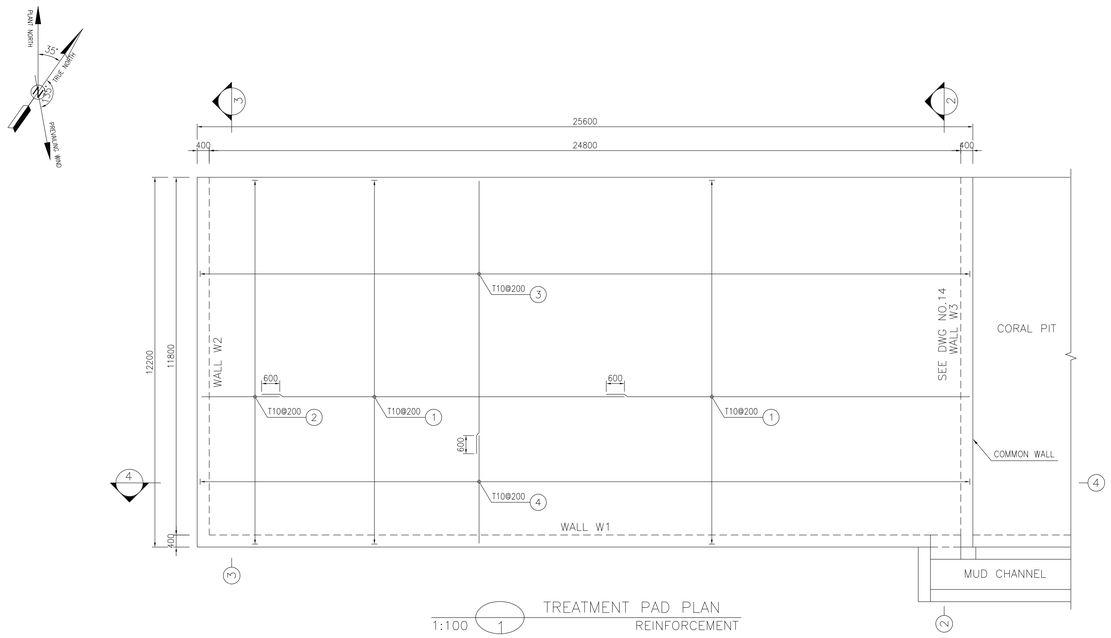
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W008N
TREATMENT PAD FORMWORK - DETAIL & SECTION

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-W008N-PEDCO-110-CV-PY-0002	10 OF 75	D00

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707864	10	D00



TREATMENT PAD PLAN REINFORCEMENT

1:100

BAR BENDING SCHEDULE – TREATMENT PAD					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	12000	12.00	120	1440.0
2	T10	2650	2.65	60	159.0
3	T10	9000	9.00	128	1152.0
4	T10	3650	3.65	128	467.2
5	T10	150 1150	1.30	75	97.50
6	T10	150 350	0.50	3	1.50
TOTAL LENGTH OR AREA (m)					3317.20
UNIT WEIGTH (Kg/m)					0.617
WEIGTH (Kg)					2046.72
GRAND TOTAL (Kg)					2050

NOTES

1- ALL COORDINATES ARE IN METER.
2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(ON CYLINDRICAL SPECIMEN)
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6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm^2
7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm3
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
9- JOINT SEALANT MATERIALS SHALL BE WATER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS & SHALL BE FOLLOWED ASTM D2499. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION.
10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR(UTM)
VERTICAL DATUM: MSL
12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.
13- JOINT FILLER SHALL BE ELASTIC MATERIAL POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED.
14- THE EMULSION ON CONCRETE EXPOSED WITH SOIL SHOULD BE B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS. THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640

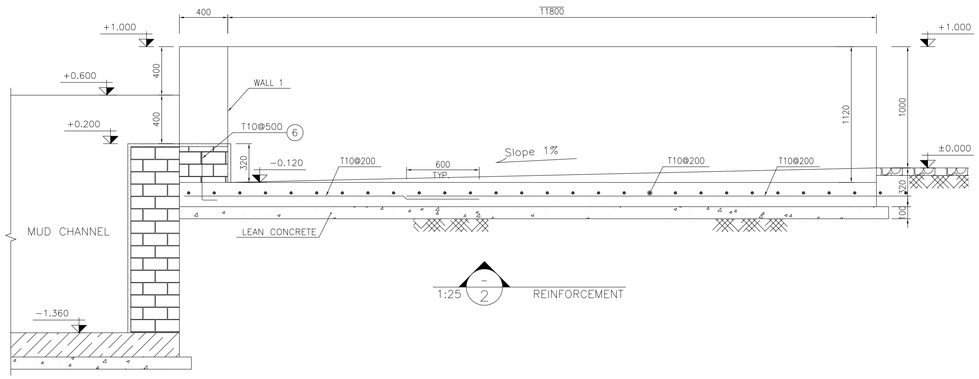
±0.00 = +68.00(R.G.L.)MSL

LEGEND AND ABBREVIATION

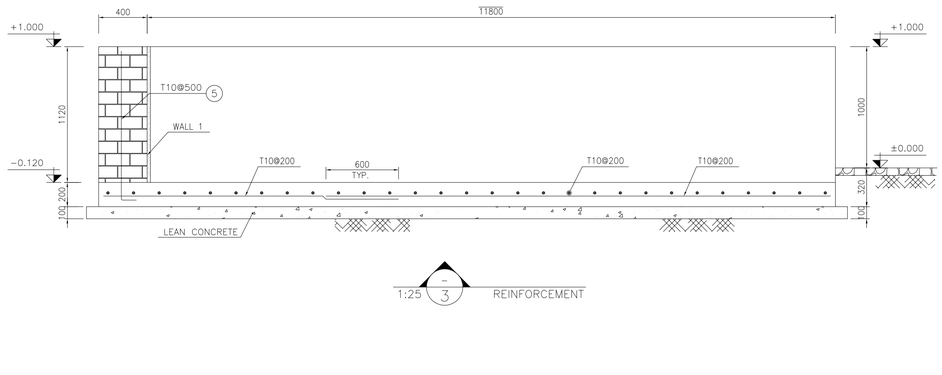
REINFORCED CONCRETE
LEAN CONCRETE
CEMENT BLOCK WALL
GRAVEL
SUB GRADE
SLOPE

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

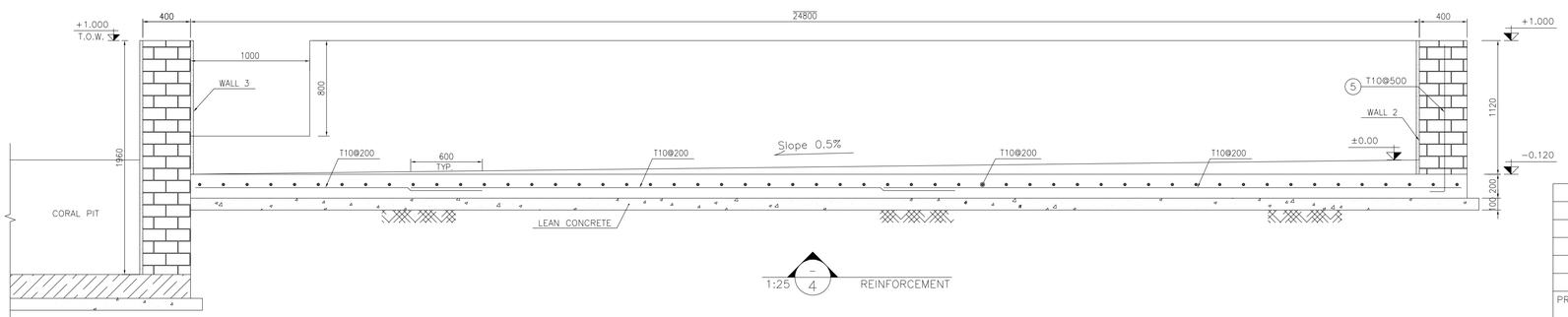
REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
GENERAL NOTES – STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES – REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT –W008N	BK-W008N-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS –W008N	BK-W008N-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



1:25 2 REINFORCEMENT

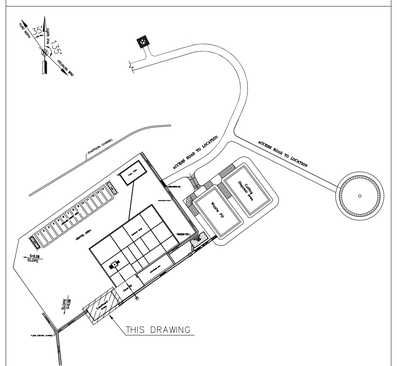


1:25 3 REINFORCEMENT



1:25 4 REINFORCEMENT

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R. BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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-W008N TREATMENT PAD REINFORCEMENT – DETAIL & SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W008N-PEDCO-110-CV-PY-0002	11 OF 75	D00

أصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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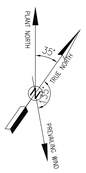
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

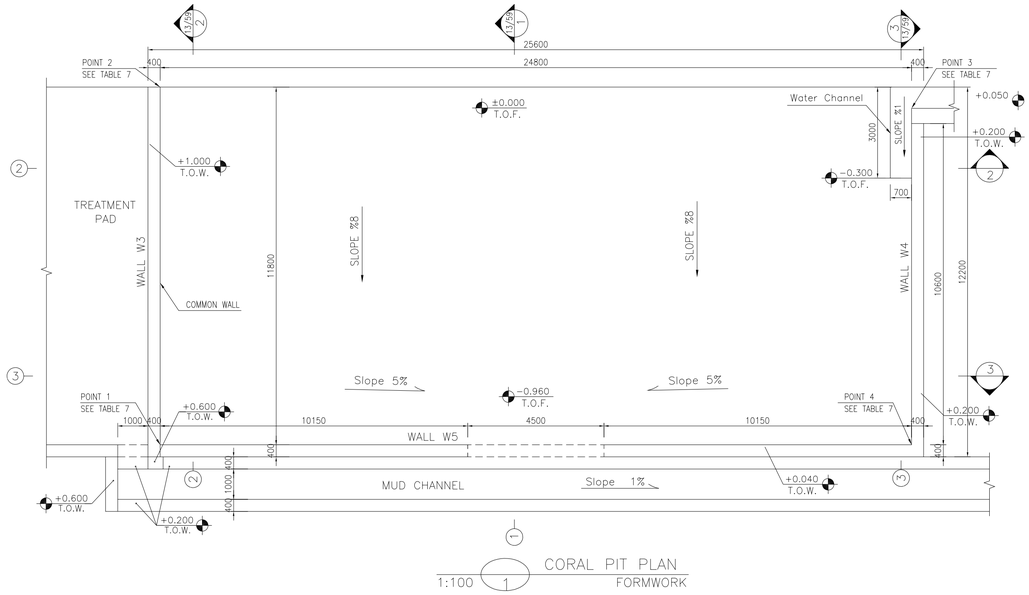
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

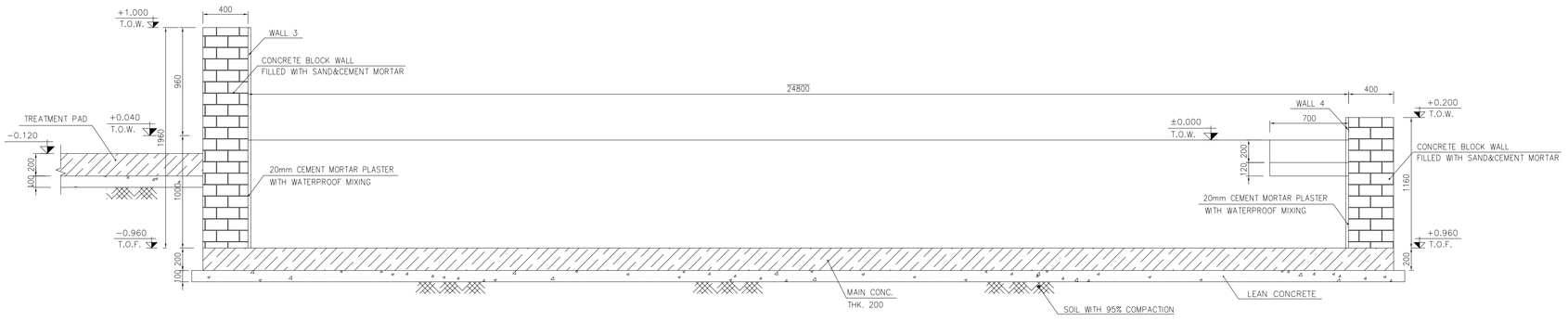
APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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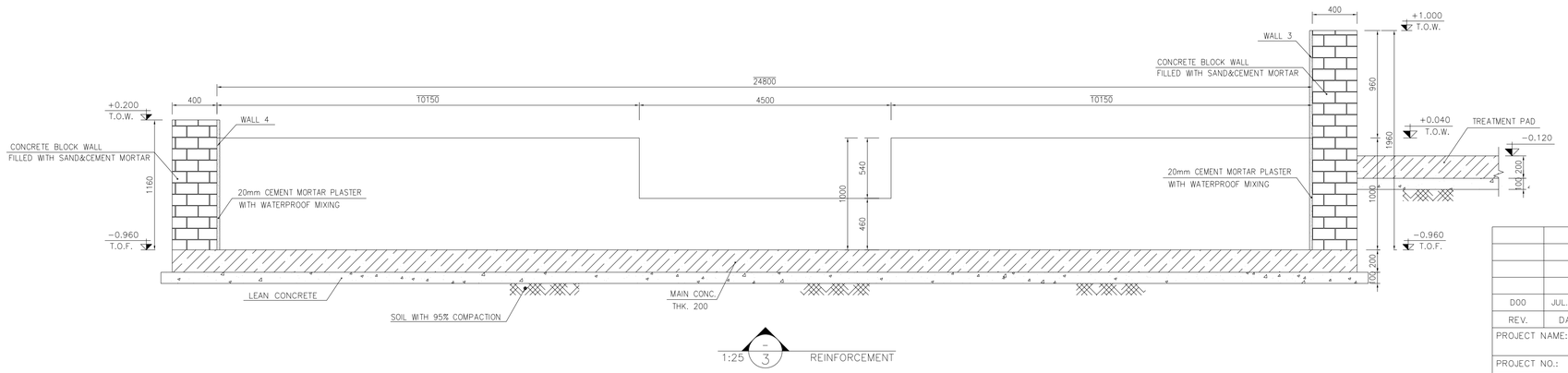




1:100 (1) CORAL PIT PLAN FORMWORK



1:25 (2) REINFORCEMENT



1:25 (3) REINFORCEMENT

TABLE 7 (CORNERS COORDINATES)		
POINT 1	E=438716.687	N=3291804.988
POINT 2	E=438709.884	N=3291814.629
POINT 3	E=438730.550	N=3291828.356
POINT 4	E=438736.950	N=3291819.287

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 WATER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS & SHALL BE FOLLOWED ASTM D2499. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION.
10-CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
11-GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR(UTM)
VERTICAL DATUM: MSL
12-ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.
13-JOINT FILLER SHALL BE ELASTIC MATERIAL. POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED.
14-THE EMULSION ON CONCRETE EXPOSED WITH SOIL SHOULD BE B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS. THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640

±0.00 = +68.00(R.G.L.)MSL

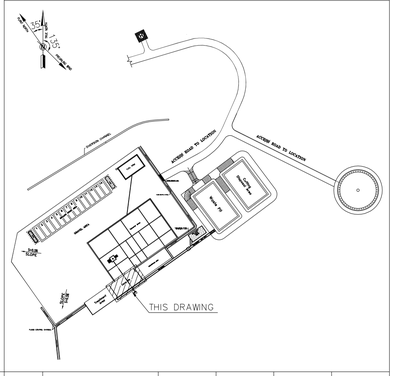
LEGEND AND ABBREVIATION

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
B.O.P.	BOTTOM OF PIPE
R.G.L.	ROUGH GRADING LEVEL
B.O.CH.	BOTTOM OF CHANNEL

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W008N	BK-W008N-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.
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D00	JUL.2023	IFC	R. BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	** **
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PROJECT NO.: 971020

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

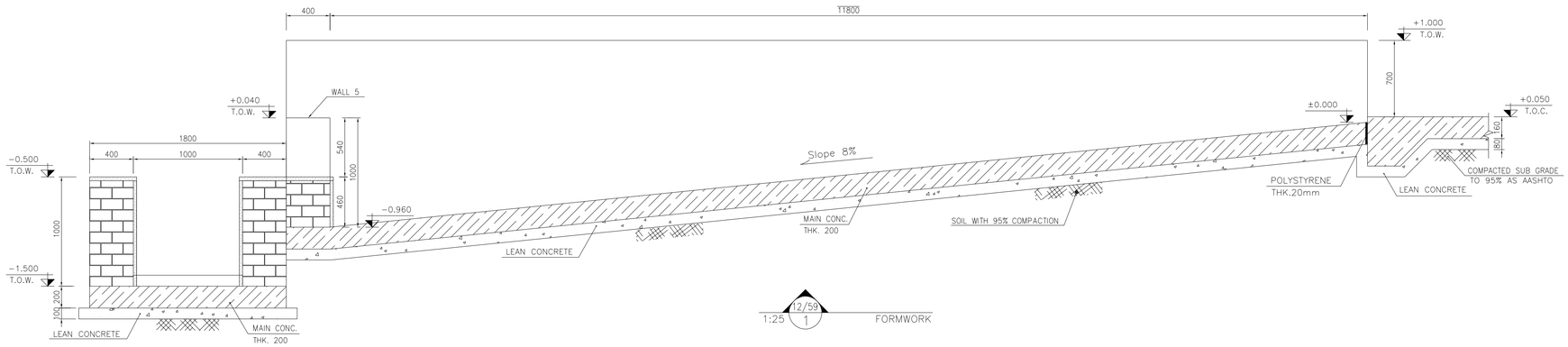
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SUB-SURFACE WORK PACKAGES
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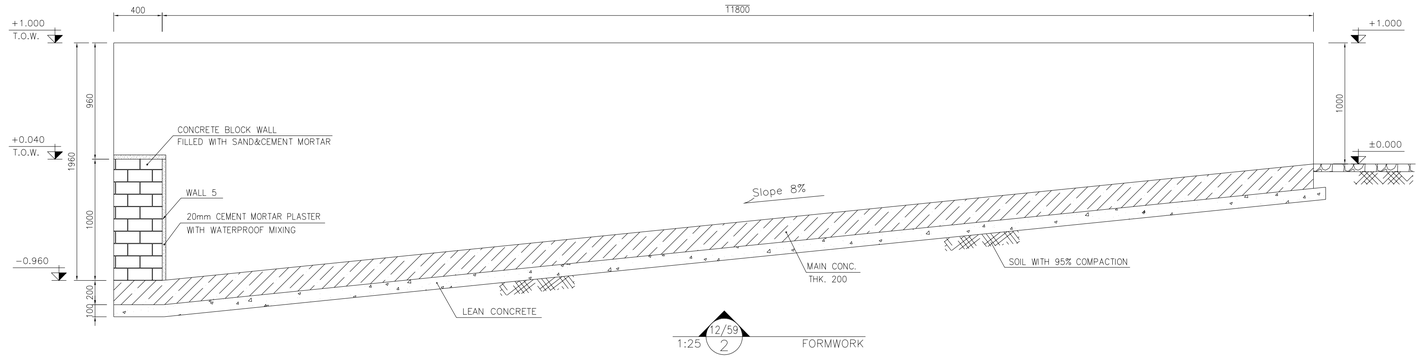
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

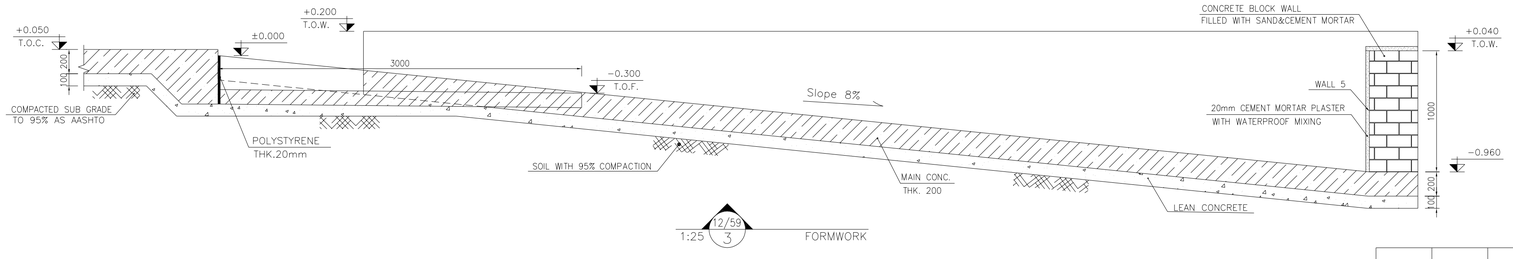
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W008N
CORAL PIT FORMWORK - DETAIL & SECTION

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-W008N-PEDCO-110-CV-PY-0002	12 OF 75	D00	053-073-9184	F	4	S	707864	12	D00







NOTES

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

8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm^3
THICKNESS :300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT :75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME :48%±2

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

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

13-JOINT FILLER SHALL BE ELASTIC MATERIAL. POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED.

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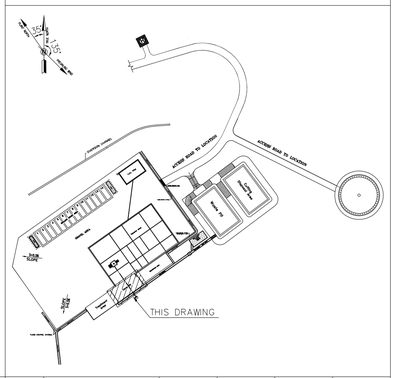
LEGEND AND ABBREVIATION

REINFORCED CONCRETE
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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
B.O.P.	BOTTOM OF PIPE
R.G.L.	ROUGH GRADING LEVEL
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REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
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GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W008N	BK-W008N-PEDCO-110-CV-DW-0001
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KEY PLAN



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D00	JUL.2023	IFC	R. BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W008N
CORAL PIT FORMWORK - DETAIL & SECTION

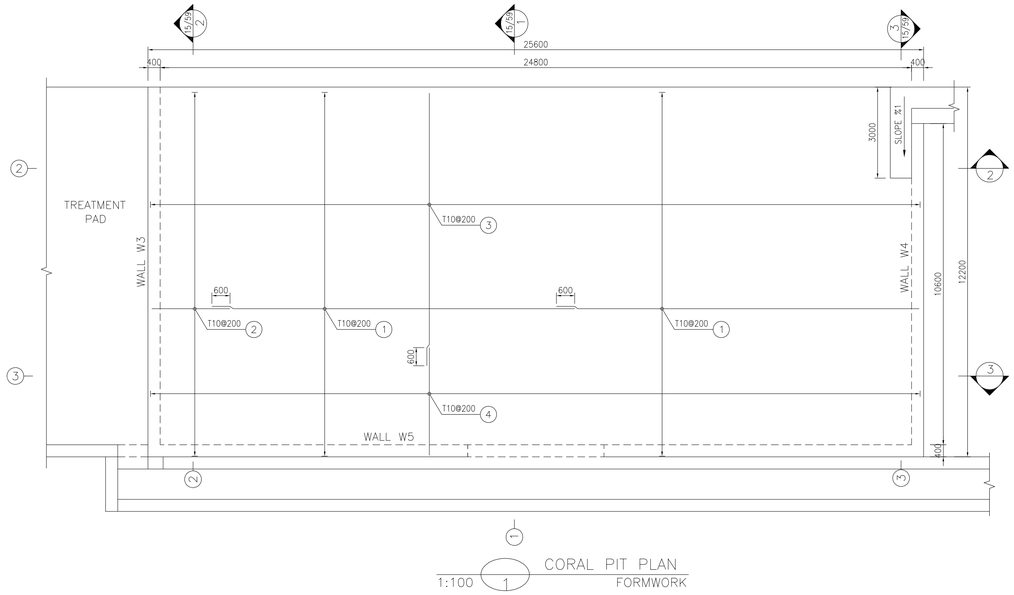
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NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

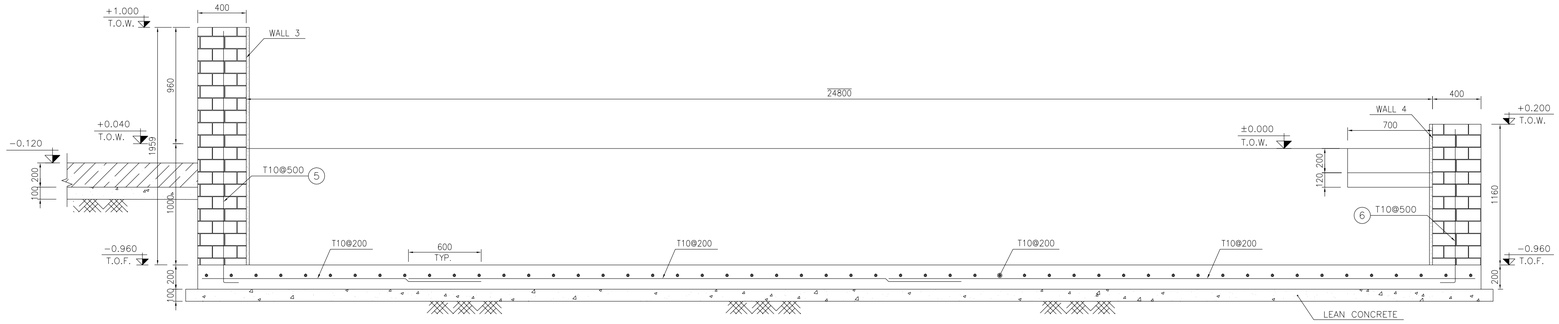
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-W008N-PEDCO-110-CV-PY-0002	13 OF 75	D00	053-073-9184	F	4	S	707864	13	D00



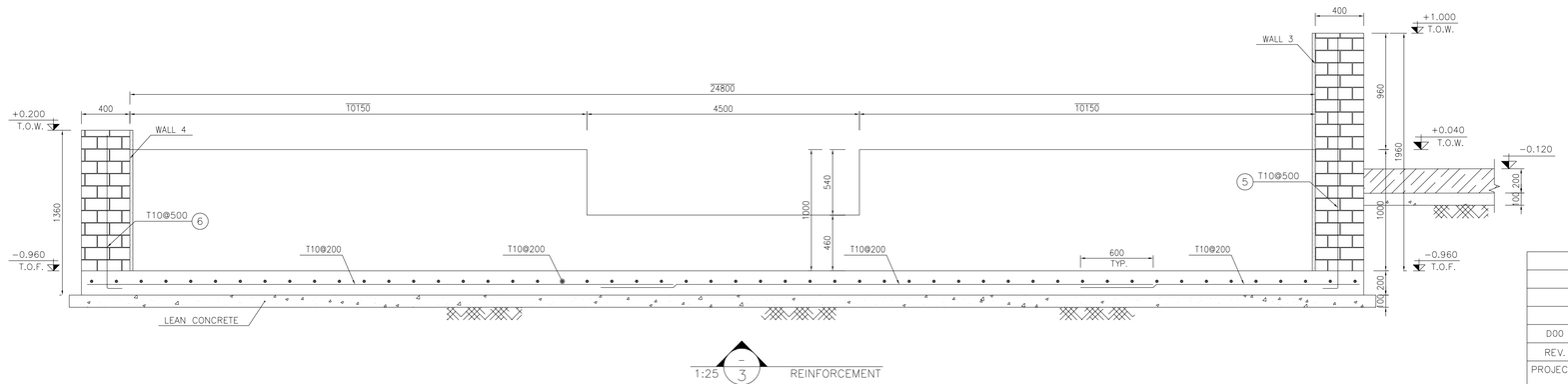


1:100 1 CORAL PIT PLAN FORMWORK

BAR BENDING SCHEDULE – TREATMENT PAD					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	12000	12.00	120	1440.0
2	T10	2650	2.65	60	159.0
3	T10	9000	9.00	128	1152.0
4	T10	3650	3.65	128	467.2
5	T10	150 2000	2.15	25	53.75
6	T10	150 1250	1.40	22	30.80
7	T10	150 1050	1.20	40	48.0
8	T10	150 550	0.70	10	7.00
9	T10	2850	2.85	4	11.40
10	T10	550	0.55	15	8.25
TOTAL LENGTH OR AREA (m)					3377.40
UNIT WEIGTH (Kg/m)					0.617
WEIGTH (Kg)					2083.86
GRAND TOTAL (Kg)					2090



1:25 2 REINFORCEMENT



1:25 3 REINFORCEMENT

NOTES

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10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
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ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR(UTM)
VERTICAL DATUM: MSL
12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.
13- JOINT FILLER SHALL BE ELASTIC MATERIAL. POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED.
14- THE EMULSION ON CONCRETE EXPOSED WITH SOIL SHOULD BE B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS. THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640

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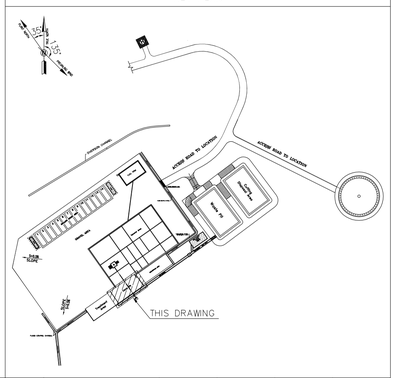
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REINFORCED CONCRETE
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KEY PLAN



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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N WELLHEAD FACILITIES
PROJECT NO.: 971020

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

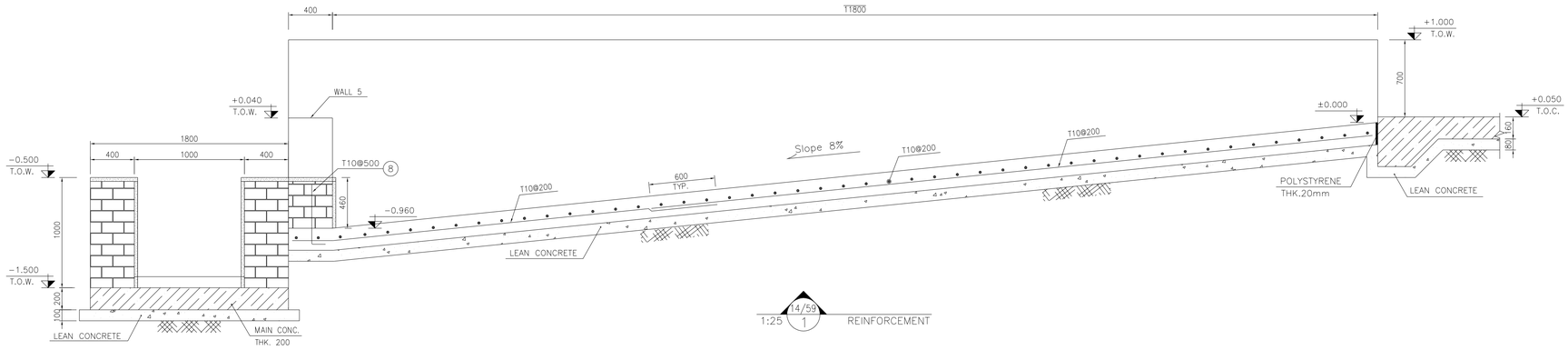
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

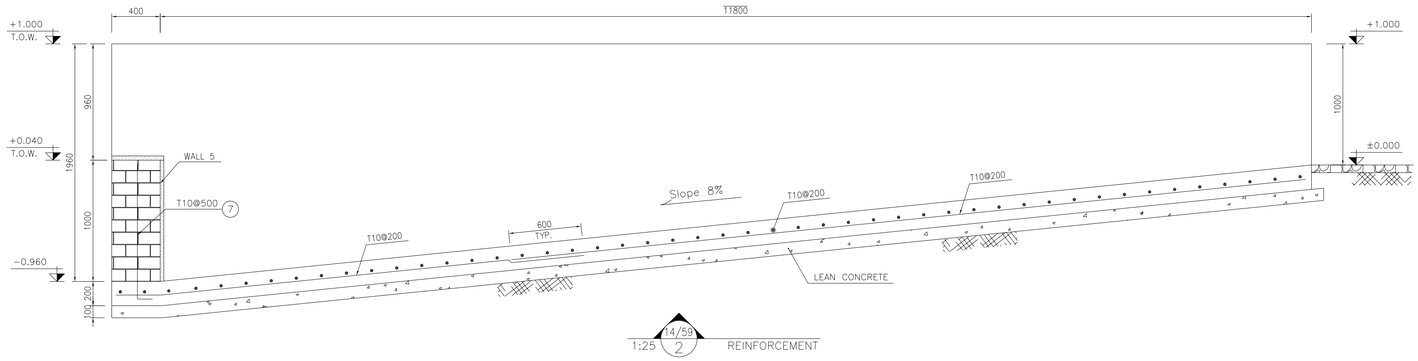
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W008N
CORAL PIT REINFORCEMENT- DETAIL & SECTION

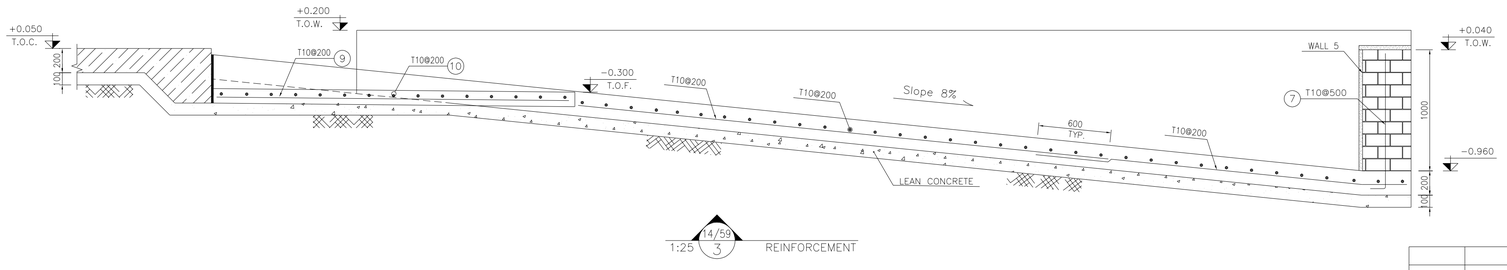
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-W008N-PEDCO-110-CV-PY-0002	14 OF 75	D00	053-073-9184	F	4	S	707864	14	D00







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 WATER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS & SHALL BE FOLLOWED ASTM D2499. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION.

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

11-GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:

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

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

13-JOINT FILLER SHALL BE ELASTIC MATERIAL. POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED.

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

±0.00 = +68.00(R.G.L.)MSL

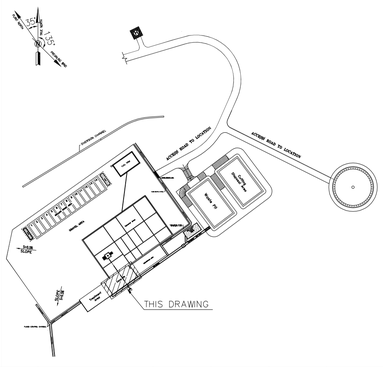
LEGEND AND ABBREVIATION

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
B.O.P.	BOTTOM OF PIPE
R.G.L.	ROUGH GRADING LEVEL
B.O.CH.	BOTTOM OF CHANNEL

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W008N	BK-W008N-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	JUL.2023	IFC	R. BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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PROJECT NO.: 971020

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

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W008N
CORAL PIT REINFORCEMENT- DETAIL & SECTION

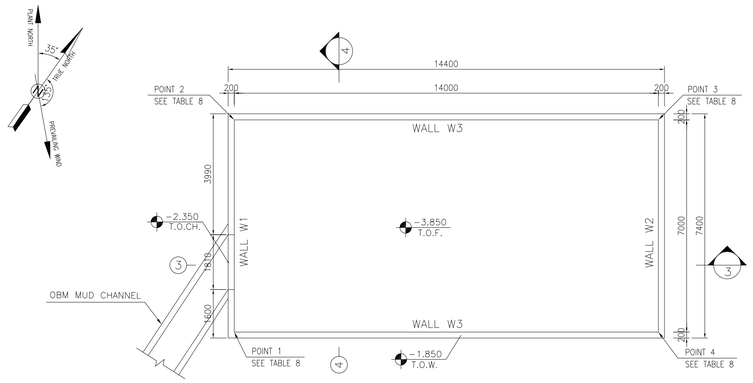
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

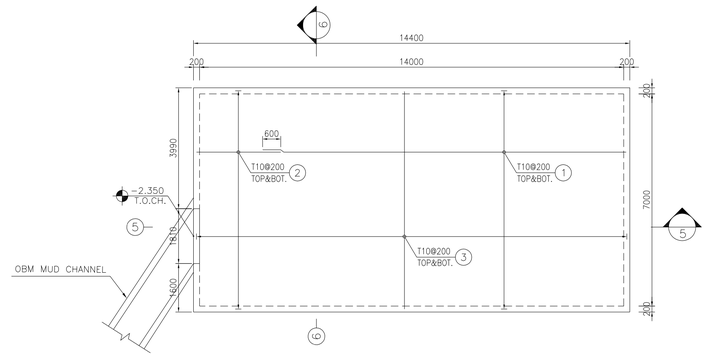
APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W008N-PEDCO-110-CV-PY-0002	15 OF 75	D00

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707864	15	D00

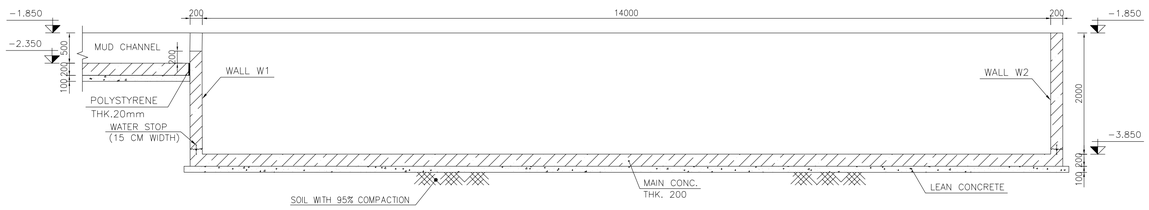


1:100 (1) OBM WASTE PIT PLAN FORMWORK

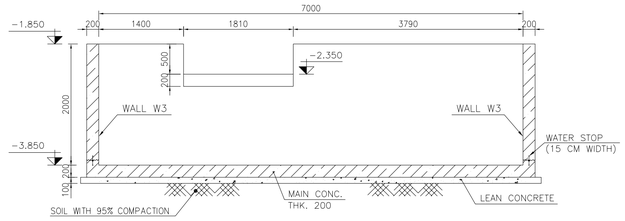


1:100 (2) OBM WASTE PIT PLAN REINFORCEMENT

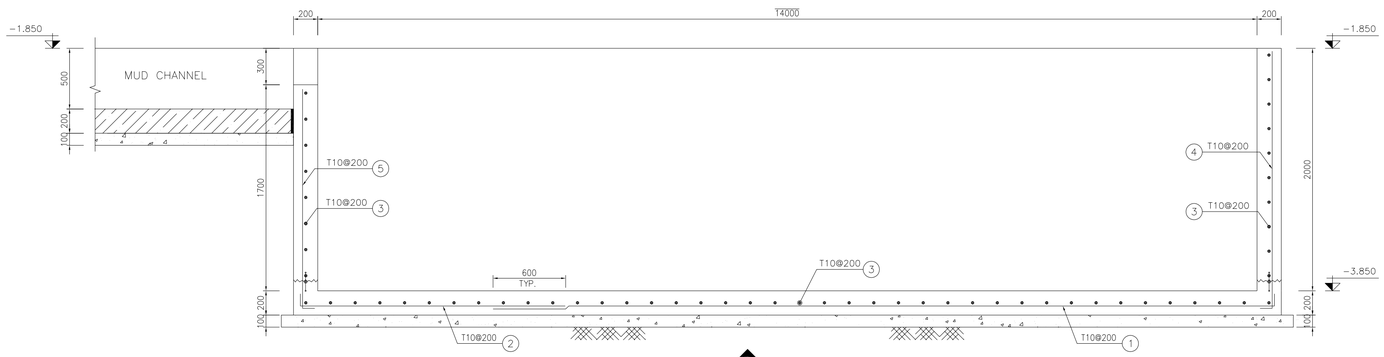
TABLE 8 (CORNERS COORDINATES)		
POINT 1	E=438774.694	N=3291855.925
POINT 2	E=438786.133	N=3291863.997
POINT 3	E=438790.169	N=3291858.278
POINT 4	E=438778.730	N=3291850.206



1:50 (3) FORMWORK

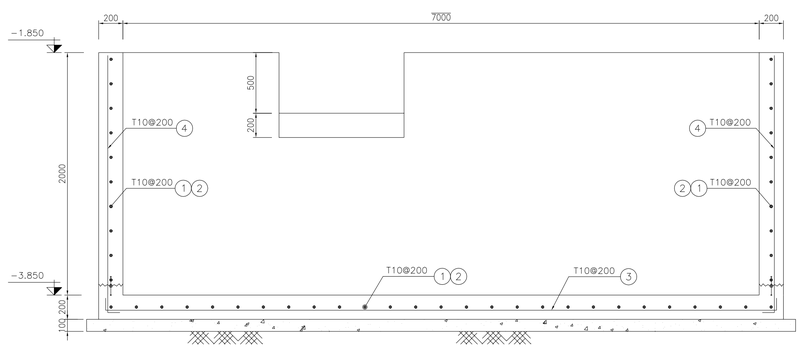


1:50 (4) FORMWORK

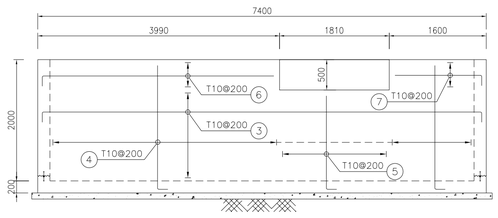


1:25 (5) REINFORCEMENT

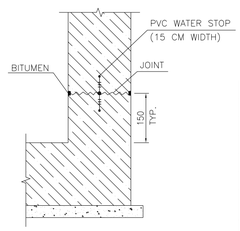
BAR BENDING SCHEDULE – OBM WASTE PIT					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	150 \ 11850	12.00	57	684.0
2	T10	150 \ 3000	3.15	57	179.55
3	T10	150 \ 7250 / 150	7.55	90	679.50
4	T10	150 \ 2050	2.20	207	455.4
5	T10	150 \ 1750	1.90	9	17.10
6	T10	150 \ 3850	4.00	3	12.00
7	T10	150 \ 1450	1.60	3	4.80
TOTAL LENGTH OR AREA (m)					2032.35
UNIT WEIGTH (Kg/m)					0.617
WEIGTH (Kg)					1253.95
GRAND TOTAL (Kg)					1260



1:25 (6) REINFORCEMENT



1:50 (7) WALL W1 REINFORCEMENT



N.T.S. (8) TYPICAL DETAIL OF WATER STOP

NOTES

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THICKNESS : 300-400 MICRON
GLOSS : DULL
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SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
9- JOINT SEALANT MATERIALS SHALL BE WATER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS & SHALL BE FOLLOWED ASTM D2499. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION.
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ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR(UTM)
VERTICAL DATUM: MSL
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13- JOINT FILLER SHALL BE ELASTIC MATERIAL POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED.
14- THE EMULSION ON CONCRETE EXPOSED WITH SOIL SHOULD BE B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS. THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640

±0.00 = +68.00(R.G.L.)MSL

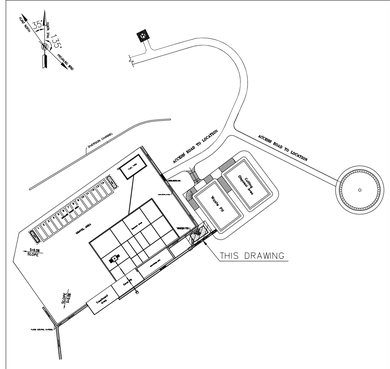
LEGEND AND ABBREVIATION

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
B.O.P. BOTTOM OF PIPE
R.G.L. ROUGH GRADING LEVEL
B.O.CH. BOTTOM OF CHANNEL

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W008N	BK-W008N-PEDCO-110-CV-DW-0001
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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
			CHECKED		REV. APPR.	
D00	JUL.2023	IFC	R. BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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PROJECT NO.: 971020

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

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W008N
OBM WASTE PIT FORMWORK & REINFORCEMENT-SECTION

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W008N-PEDCO-110-CV-PY-0002	16 OF 75	D00

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707864	16	D00

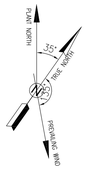
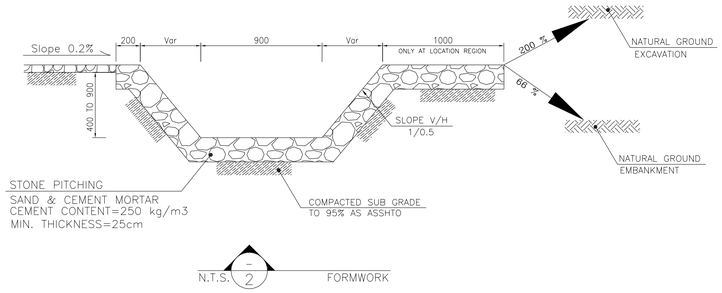
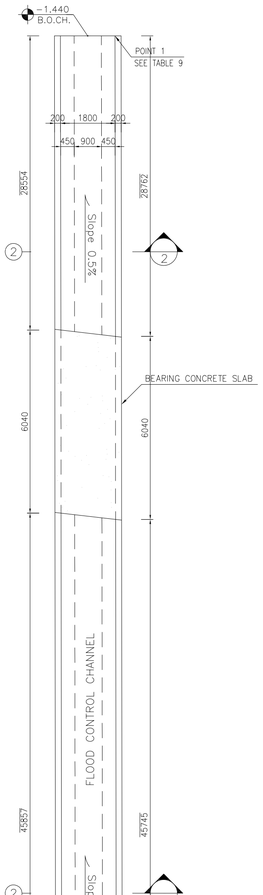
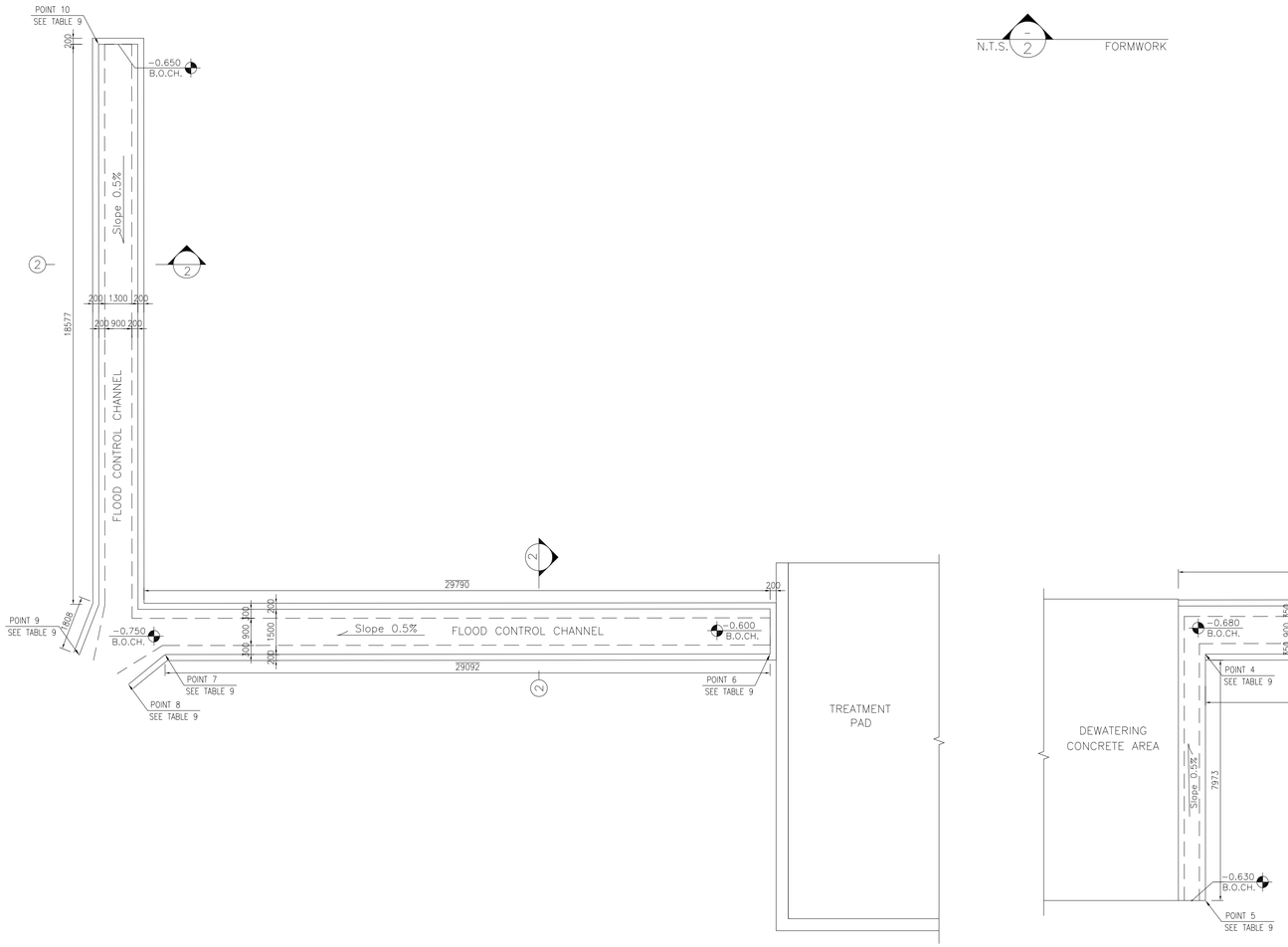


TABLE 9 (CORNERS COORDINATES)		
POINT 1	E=438735.537	N=3291929.715
POINT 2	E=438782.015	N=3291863.930
POINT 3	E=438781.532	N=3291861.505
POINT 4	E=438757.465	N=3291844.502
POINT 5	E=438762.178	N=3291837.824
POINT 6	E=438690.547	N=3291797.284
POINT 7	E=438666.786	N=3291780.497
POINT 8	E=438666.365	N=3291778.986
POINT 9	E=438664.470	N=3291778.837
POINT 10	E=438653.310	N=3291795.763







1:100 (1) DIVISION WATER CHANNEL PLAN

NOTES

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GLOSS : DULL
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VERTICAL DATUM: MSL
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±0.00 = +68.00(R.G.L.)MSL

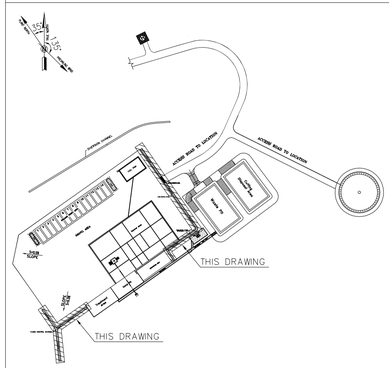
LEGEND AND ABBREVIATION

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
B.O.P.	BOTTOM OF PIPE
R.G.L.	ROUGH GRADING LEVEL
B.O.CH.	BOTTOM OF CHANNEL

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W008N	BK-W008N-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	JUL.2023	IFC	R. BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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
W008N WELLHEAD FACILITIES

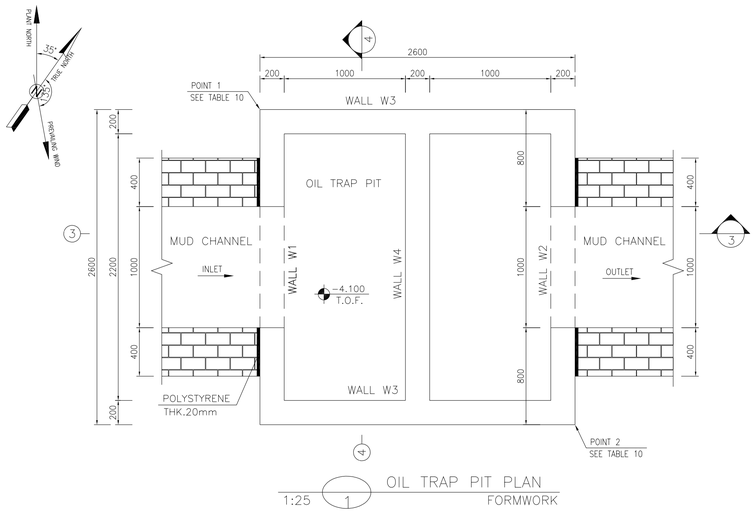
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DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W008N
WATER CHANNEL FORMWORK PLAN-SECTION

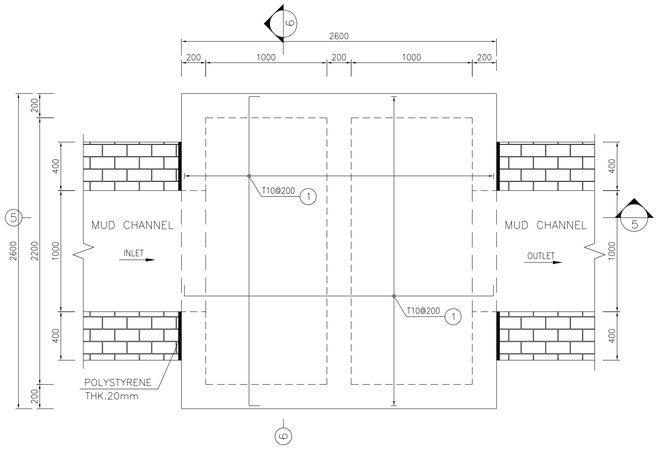
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APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W008N-PEDCO-110-CV-PY-0002	17 OF 75	D00

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707864	17	D00



1:25 (1) OIL TRAP PIT PLAN FORMWORK



1:25 (2) OIL TRAP PIT PLAN REINFORCEMENT

TABLE 10 (CORNERS COORDINATES)		
Point 1	E=438773.38	N=3291845.00
Point 2	E=438777.00	N=3291844.37

BAR BENDING SCHEDULE – OIL TRAP PIT					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	150 2450 150	2.75	91	250.25
2	T10	150 3050	3.20	42	134.40
3	T10	150 2550	2.70	5	13.50
4	T10	150 1550	1.70	5	8.50
5	T10	500	0.50	5	25.00
6	T10	2250	2.25	12	27.00
7	T10	150 650 150	0.95	16	15.20
TOTAL LENGTH OR AREA (m/m2)					473.85
UNIT WEIGTH (Kg)					0.617
WEIGTH (Kg)					292.36
GRAND TOTAL (Kg)					300

NOTES

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2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS; "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(ON CYLINDRICAL SPECIMEN)
5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(ON CYLINDRICAL SPECIMEN)
6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm^2
7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm3
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
9- JOINT SEALANT MATERIALS SHALL BE WATER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS & SHALL BE FOLLOWED ASTM D2499. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION.
10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR(UTM)
VERTICAL DATUM: MSL
12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.
13- JOINT FILLER SHALL BE ELASTIC MATERIAL. POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED.
14- THE EMULSION ON CONCRETE EXPOSED WITH SOIL SHOULD BE B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS. THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640

±0.00 = +68.00(R.G.L.)MSL

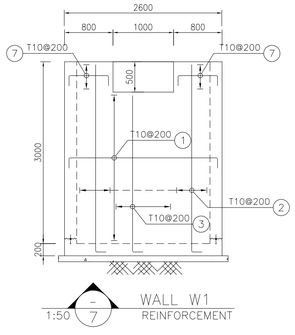
LEGEND AND ABBREVIATION

REINFORCED CONCRETE
LEAN CONCRETE
CEMENT BLOCK WALL
GRAVEL
SUB GRADE
SLOPE

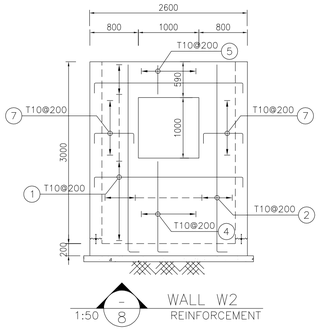
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T.O.W.	TOP OF WALL
T.O.C.	TOP OF CONCRETE
B.O.P.	BOTTOM OF PIPE
R.G.L.	ROUGH GRADING LEVEL
B.O.CH.	BOTTOM OF CHANNEL

1:25 (3) FORMWORK

1:25 (4) FORMWORK



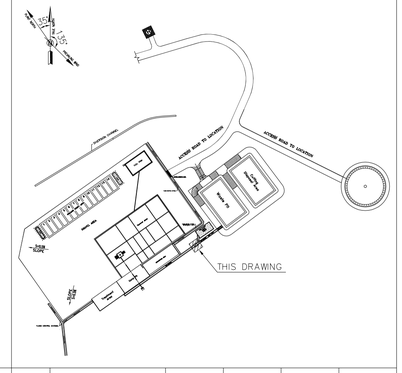
1:50 (7) WALL W1 REINFORCEMENT



1:50 (8) WALL W2 REINFORCEMENT

1:25 (5) FORMWORK

1:25 (6) FORMWORK



KEY PLAN

REFERENCE DRAWING	DRG. No.
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GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
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SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRAL-PEDCO-000-CV-SP-0002

REV.	DESCRIPTION	BY	DATE	BY	DATE
				CHECKED	REV. APPR.
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D00	JUL.2023	IFC	R. BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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PROJECT NO.: 971020

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

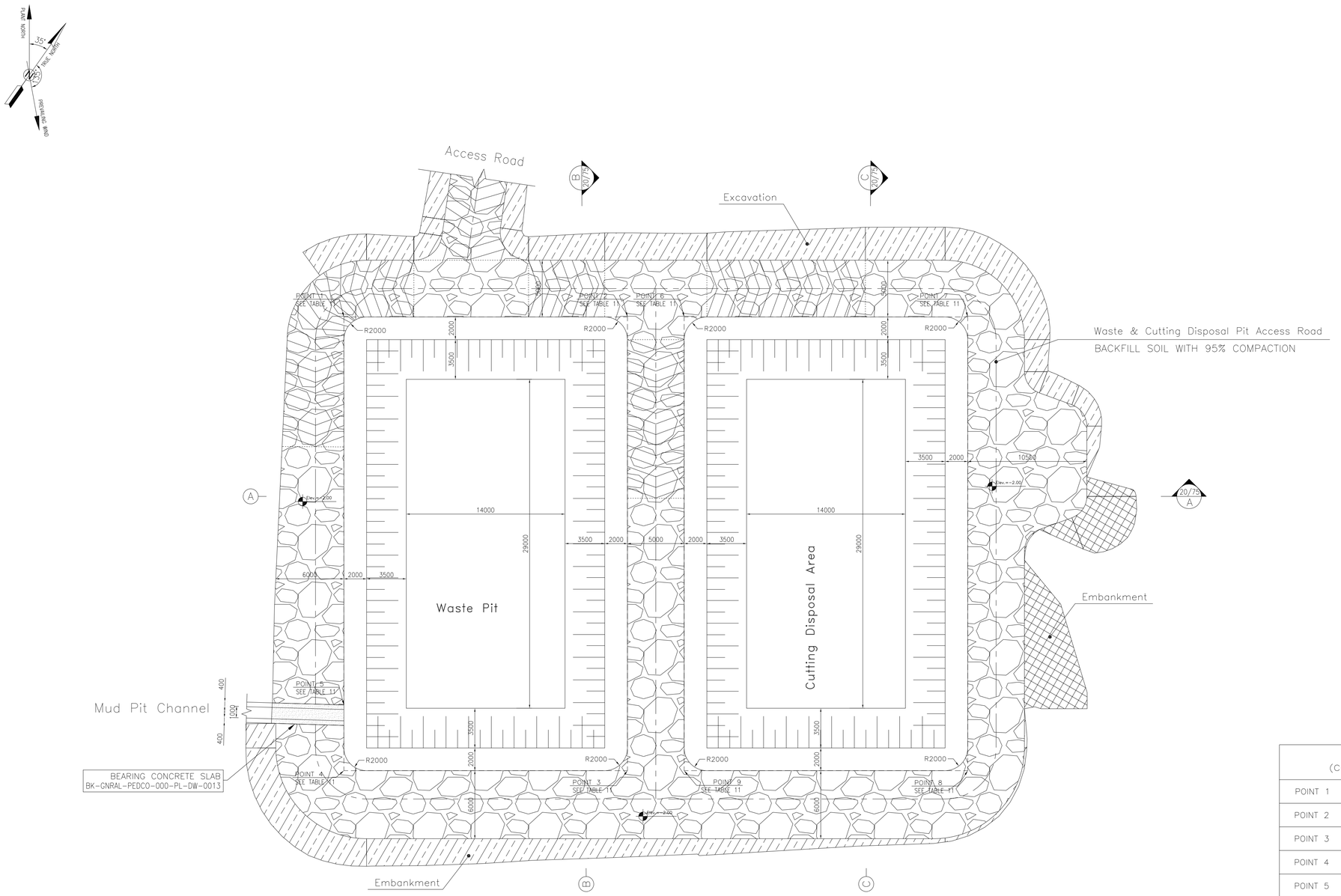
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W008N
OIL TRAP PIT FORMWORK & REINFORCEMENT PLAN-SECTIONS

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-W008N-PEDCO-110-CV-PY-0002	18 OF 75	D00	053-073-9184	F	4	S	707864	18	D00



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

NOTES

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2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
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7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/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 WATER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS & SHALL BE FOLLOWED ASTM D2499. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION.
10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:

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

12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.
13- JOINT FILLER SHALL BE ELASTIC MATERIAL. POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED.
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±0.00 = +68.00(R.G.L.)MSL

LEGEND AND ABBREVIATION

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

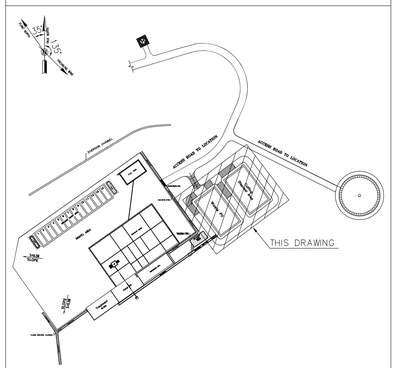
T.O.F.	TOP OF FOUNDATION
T.O.W.	TOP OF WALL
T.O.C.	TOP OF CONCRETE
B.O.P.	BOTTOM OF PIPE
R.G.L.	ROUGH GRADING LEVEL
B.O.CH.	BOTTOM OF CHANNEL

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
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SPECIFICATION FOR EARTH WORK	BK-GNRAL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRAL-PEDCO-000-CV-SP-0002

TABLE 11
(CORNERS COORDINATES)

POINT 1	E=438776.065	N=3291888.251
POINT 2	E=438796.062	N=3291903.256
POINT 3	E=438820.069	N=3291871.261
POINT 4	E=438800.072	N=3291856.257
POINT 5	E=438796.597	N=3291860.889
POINT 6	E=438800.061	N=3291906.257
POINT 7	E=438820.058	N=3291921.261
POINT 8	E=438844.065	N=3291889.266
POINT 9	E=438824.068	N=3291874.262

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	** **	*** ****	** **	*** ****
D00	JUL.2023	IFC	R. BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	** **
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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BINAK OILFIELD DEVELOPMENT
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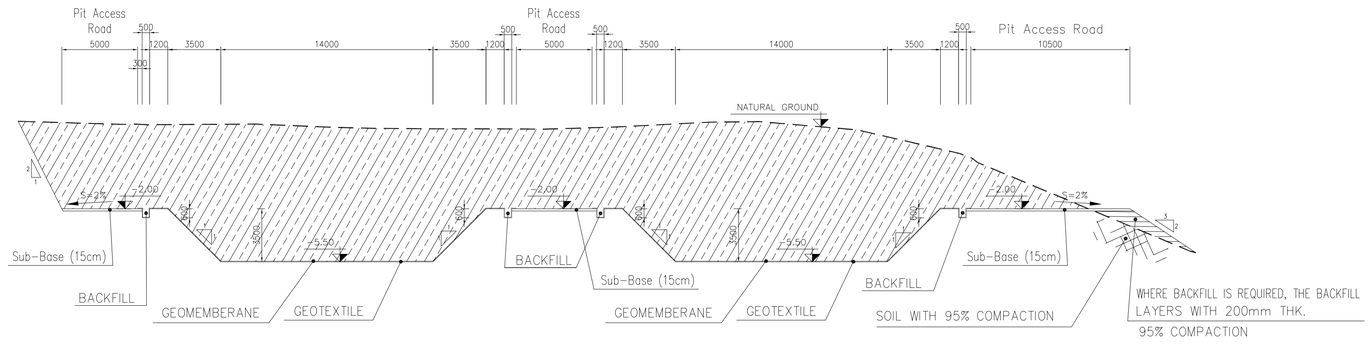
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W008N
WASTE PIT & CUTTING DISPOSAL AREA PLAN

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

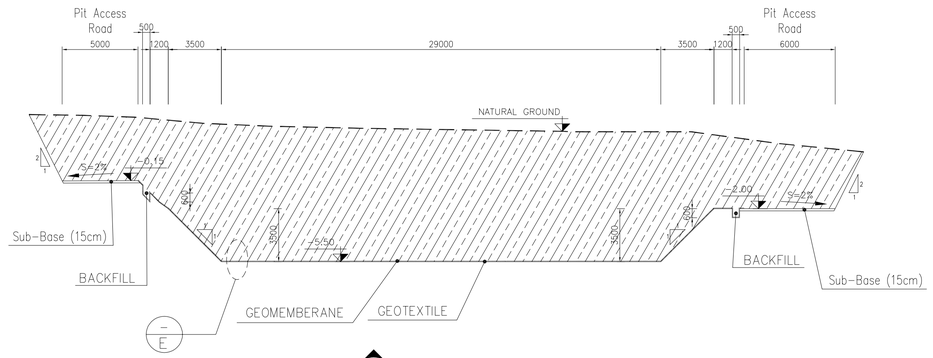
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SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W008N-PEDCO-110-CV-PY-0002	19 OF 75	D00

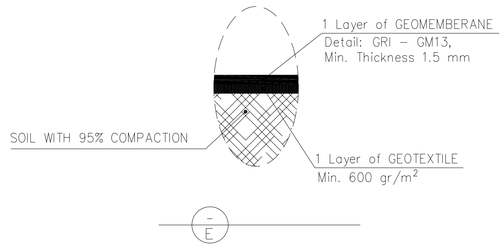
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707864	19	D00

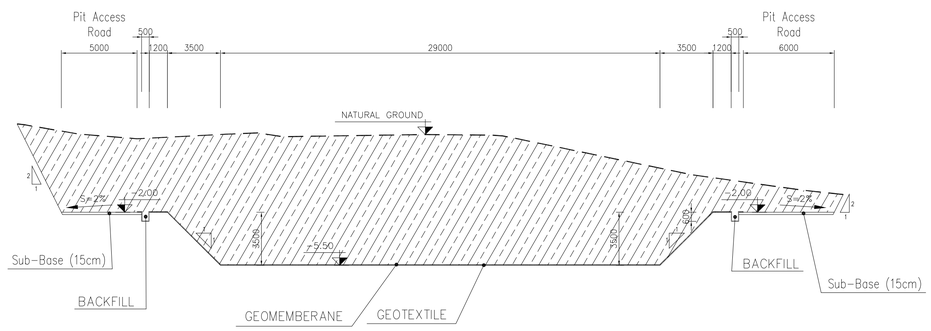


19/75 A
1:200 WASTE PIT & CUTTING DISPOSAL AREA SECTION



19/75 B
1:200 WASTE PIT SECTION





19/75 C
1:200 CUTTING DISPOSAL AREA SECTION

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VERTICAL DATUM:	MSL

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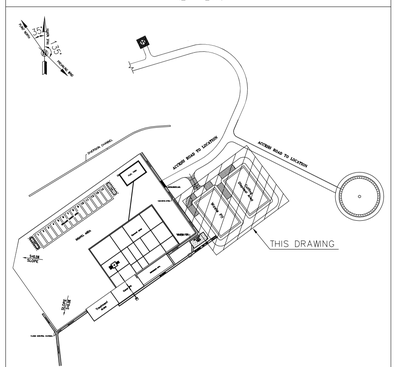
LEGEND AND ABBREVIATION

REINFORCED CONCRETE
LEAN CONCRETE
Excavation
CEMENT BLOCK WALL
Backfill
GRAVEL
SUB GRADE
SLOPE

T.O.F.	TOP OF FOUNDATION
T.O.W.	TOP OF WALL
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ROUGH GRADING PLANS -W008N	BK-W008N-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	JUL.2023	IFC	R. BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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-W008N
WASTE PIT & CUTTING DISPOSAL AREA SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W008N-PEDCO-110-CV-PY-0002	20 OF 75	D00

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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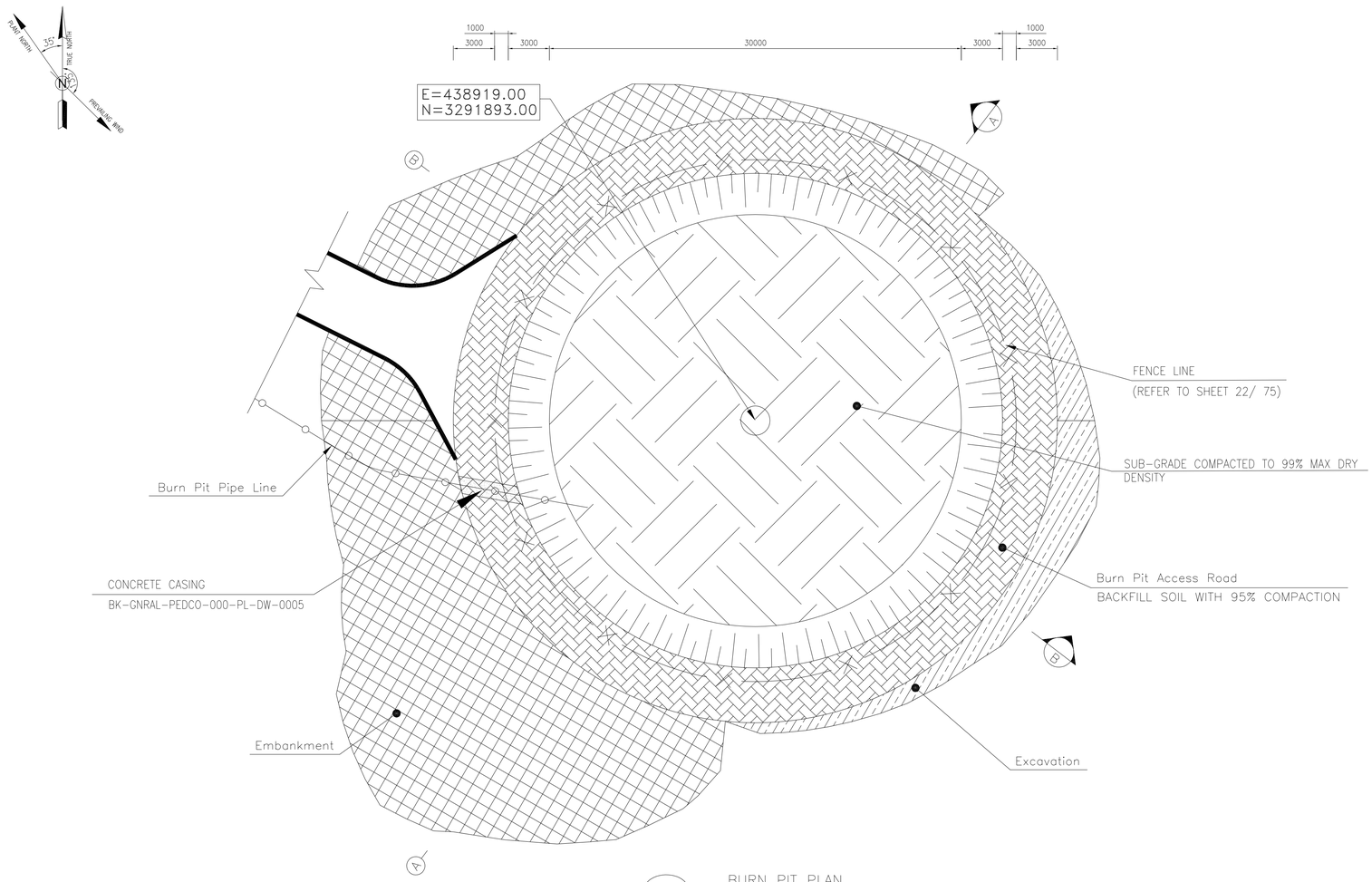
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

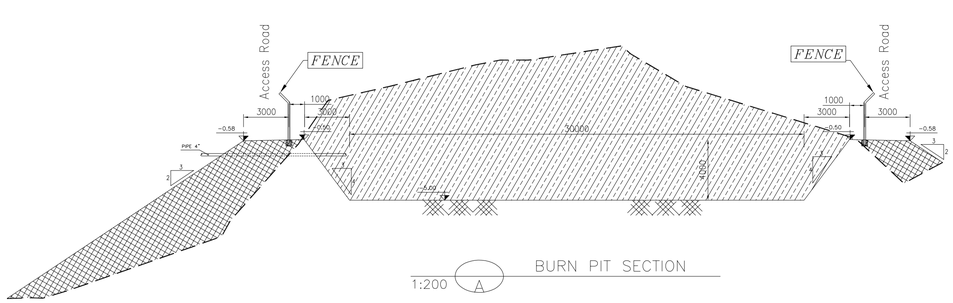
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707864	20	D00



BURN PIT PLAN

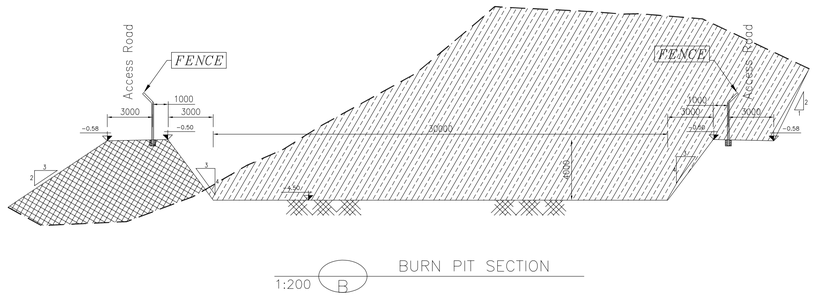
1:200 (1)

* THE DETAILS OF THIS FENCE ARE RELATED TO THE BURN PIT AREA



BURN PIT SECTION

1:200 (A)



BURN PIT SECTION

1:200 (B)

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 WATER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS & SHALL BE FOLLOWED ASTM D2499. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION.

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

11-GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:

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

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

13-JOINT FILLER SHALL BE ELASTIC MATERIAL. POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED.

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

±0.00 = +68.00(R.G.L.)MSL

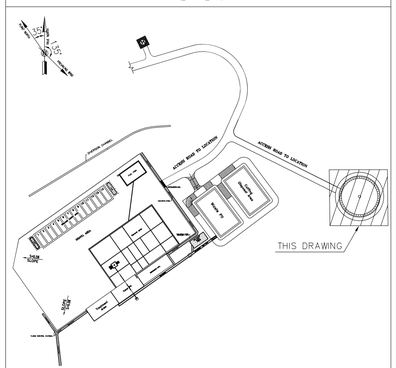
LEGEND AND ABBREVIATION

REINFORCED CONCRETE
LEAN CONCRETE
Excavation
CEMENT BLOCK WALL
Embankment
GRAVEL
Berm
SUB GRADE
SLOPE

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

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W008N	BK-W008N-PEDCO-110-CV-DW-0001
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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	JUL.2023	IFC	R. BERLOUEI	M.FAKHARIAN	A.M.MOHSENI	** **
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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-W008N
BURN PIT PLAN-SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W008N-PEDCO-110-CV-PY-0002	21 OF 75	D00

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

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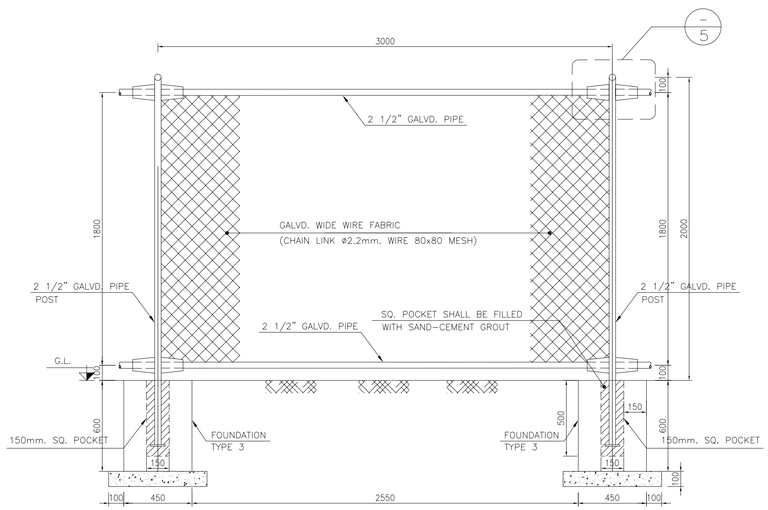
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

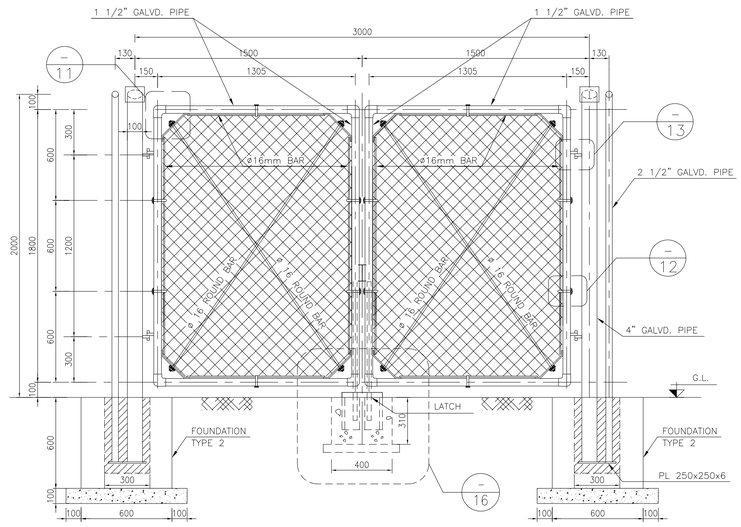
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APPROVED FOR CONSTRUCTION | BY: | DATE:

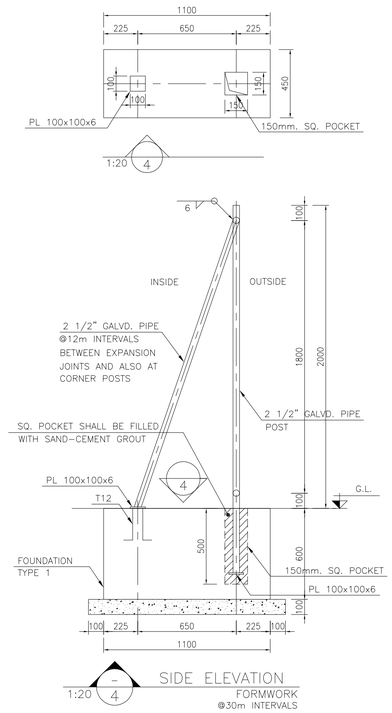
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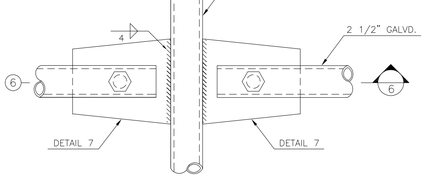
1:20 1 FRONT ELEVATION(INSIDE VIEW)



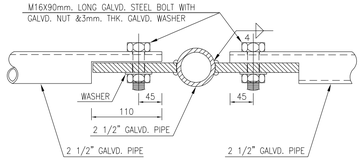
1:20 2 TYPICAL GATE DETAIL
FRONT VIEW



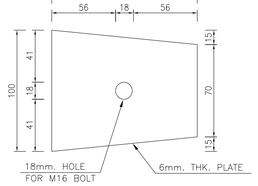
1:20 4 SIDE ELEVATION
FORMWORK @30m INTERVALS



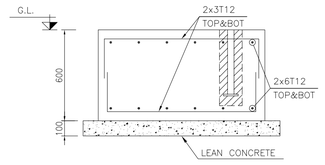
N.T.S. 5



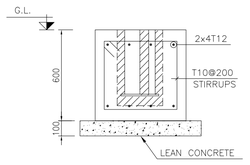
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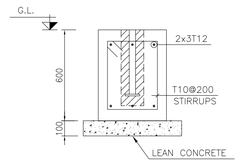
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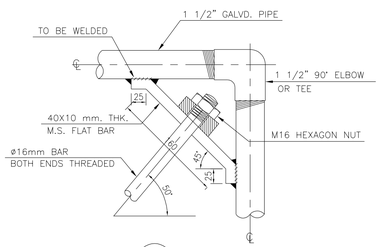
1:20 8 FOUND. TYPE 1 REINFORCEMENT



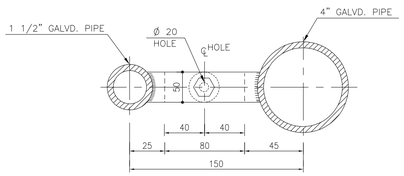
1:20 9 FOUND. TYPE 2 REINFORCEMENT



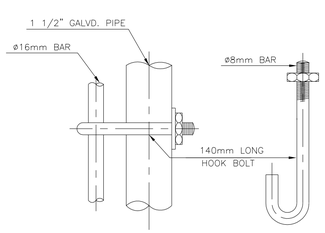
1:20 10 FOUND. TYPE 3 REINFORCEMENT



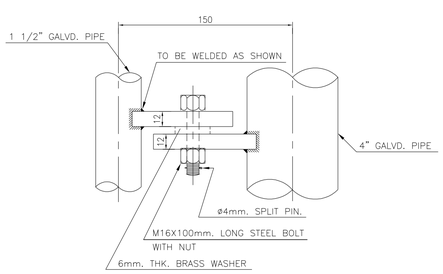
N.T.S. 11



TOP VIEW OF HANGE

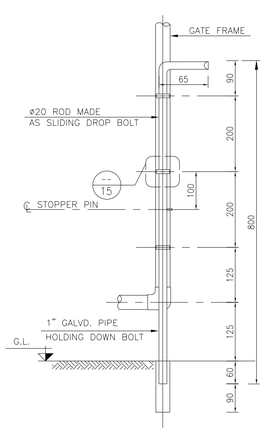


N.T.S. 12



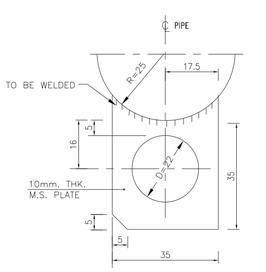
SIDE VIEW OF HANGE

N.T.S. 13

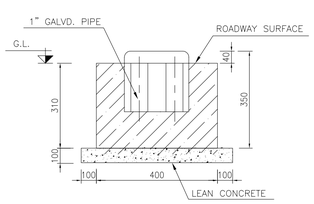


DETAIL OF THE LATCH

N.T.S. 14



N.T.S. 15



N.T.S. 16

* ALL CORNER WELDING IS DONE ON THE SITE.

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 WATER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS & SHALL BE FOLLOWED ASTM D2499. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION.
10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR(UTM)
VERTICAL DATUM: MSL
12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.
13- JOINT FILLER SHALL BE ELASTIC MATERIAL POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED.
14- THE EMULSION ON CONCRETE EXPOSED WITH SOIL SHOULD BE B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS. THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640

±0.00 = +68.00(R.G.L.)MSL

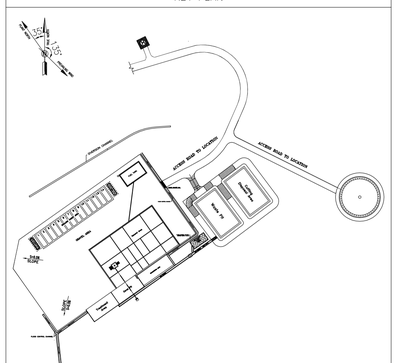
LEGEND AND ABBREVIATION

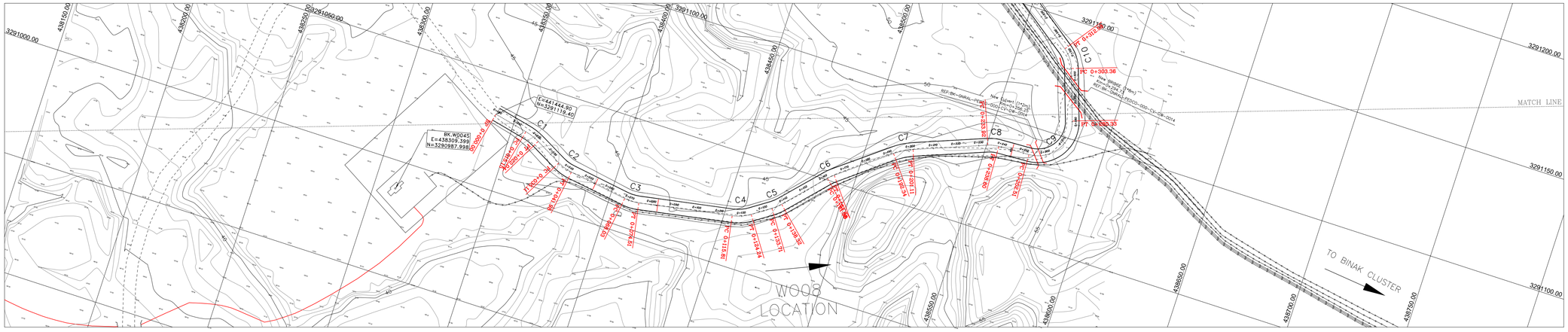
REINFORCED CONCRETE
LEAN CONCRETE
CEMENT BLOCK WALL
GRAVEL
SUB GRADE
SLOPE

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

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRAL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W008N	BK-W008N-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





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:	MEAN SEA LEVEL

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

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

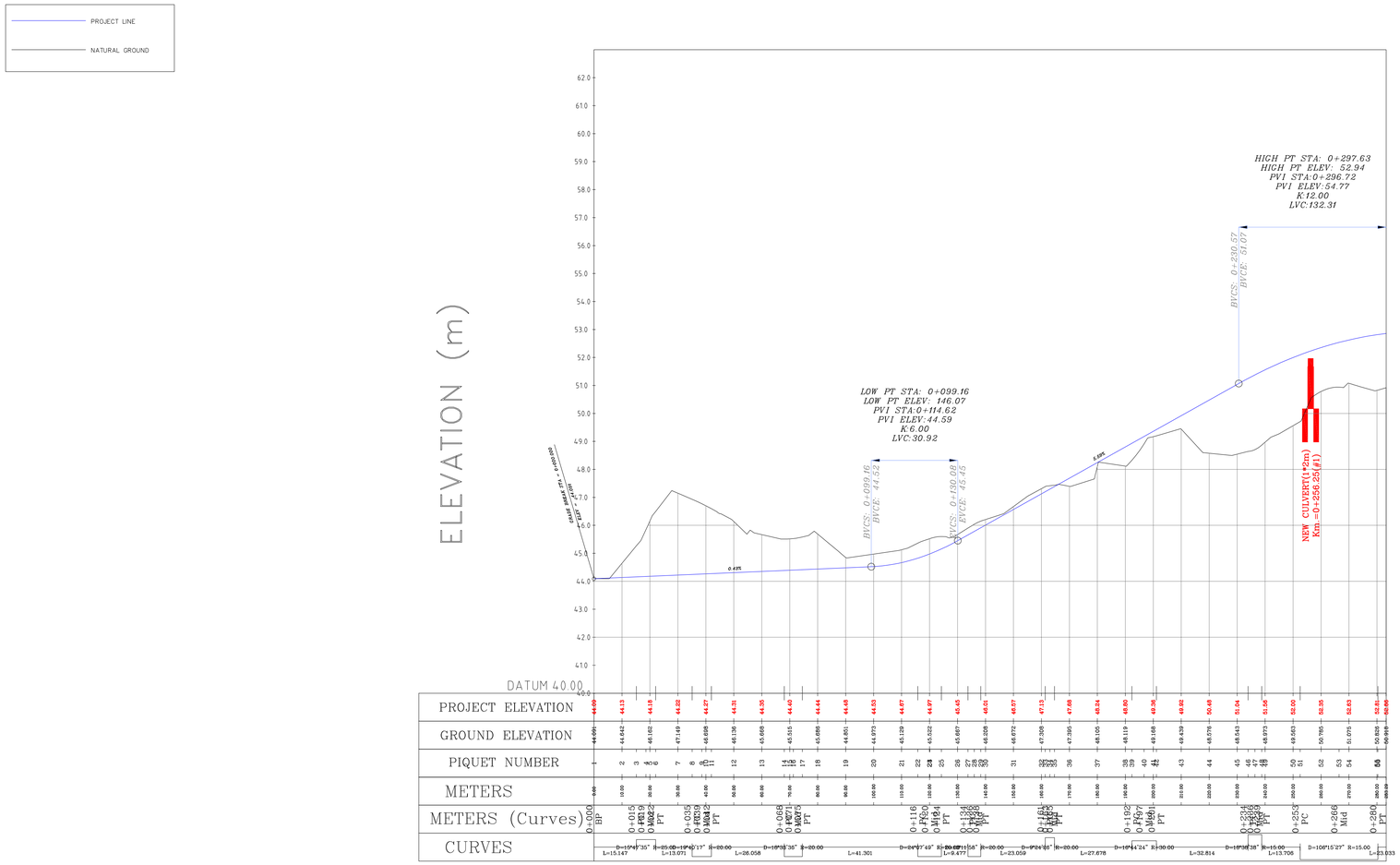
6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.

7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

LEGEND

	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT



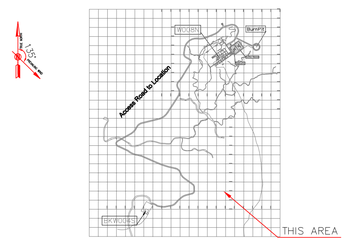
REFERENCE DRAWING

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing for Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



Curve Table: Alignments

Curve #	Radius	Length	Chord Direction	Start Point	End Point
C1	25.00	6.89	S69° 48' 04.00"E	(438356.16,3291029.33)	(438362.61,3291026.96)
C2	20.00	6.87	S71° 44' 24.85"E	(438374.14,3291020.80)	(438380.63,3291018.66)
C3	20.00	6.48	N89° 08' 38.50"E	(438406.41,3291014.84)	(438412.85,3291014.94)
C4	20.00	8.42	N67° 47' 55.71"E	(438453.51,3291022.21)	(438461.25,3291025.37)
C5	20.00	4.61	N49° 08' 02.02"E	(438469.08,3291030.70)	(438472.56,3291033.71)
C6	20.00	3.28	N47° 14' 15.90"E	(438488.15,3291050.70)	(438490.56,3291052.93)
C7	30.00	8.77	N60° 18' 40.98"E	(438512.35,3291069.99)	(438519.94,3291074.32)
C8	15.00	4.88	N78° 00' 11.90"E	(438550.51,3291086.25)	(438555.26,3291087.26)
C9	15.00	27.82	N34° 11' 47.01"E	(438568.95,3291087.90)	(438582.44,3291107.75)
C10	15.00	9.22	N36° 32' 50.53"W	(438574.97,3291129.54)	(438569.56,3291136.83)

Station	Northing	Easting
0+000.00	3291032.56	438341.36
0+020.00	3291027.84	438360.77
0+040.00	3291019.05	438378.69
0+060.00	3291016.02	438398.46
0+080.00	3291015.91	438418.26
0+100.00	3291019.43	438437.94
0+120.00	3291023.37	438457.53
0+140.00	3291034.95	438473.70
0+160.00	3291049.69	438487.22
0+180.00	3291062.38	438502.63
0+200.00	3291073.90	438518.91
0+220.00	3291081.19	438537.54
0+240.00	3291087.31	438556.46
0+260.00	3291090.06	438576.04
0+280.00	3291107.44	438582.54

PI Station	Northing	Easting
0+000.00	3291032.56	438341.36
0+018.61	3291028.59	438359.55
0+038.58	3291019.17	438377.20
0+071.30	3291014.37	438409.64
0+120.09	3291022.96	438457.72
0+136.03	3291032.01	438471.00
0+163.03	3291051.92	438489.26
0+196.76	3291072.71	438515.83
0+236.38	3291087.14	438552.80
0+272.51	3291088.83	438588.93

REV.	DATE	DESCRIPTION	BY	CHECKED
***	**********	**.**	***.****	**.**
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN
REV.	DATE	P.O.I.S	PREP.	CHK.

DATE	BY	CHECKED
.	***.****	**.**
.	***.****	**.**
A.M.MOHSENI	**.**	AUT.
APP.		

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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 -W008N
ACCESS ROAD-PLAN and PROFILE

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/1000 V=1/100	A1	BK-W008N-PEDCO-110-CV-PY-0002	23 OF 75	D00

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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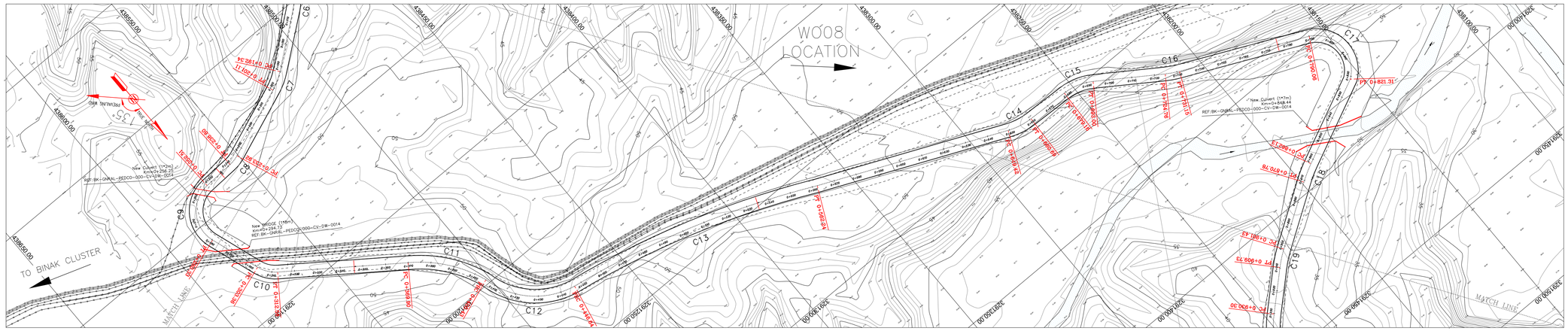
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

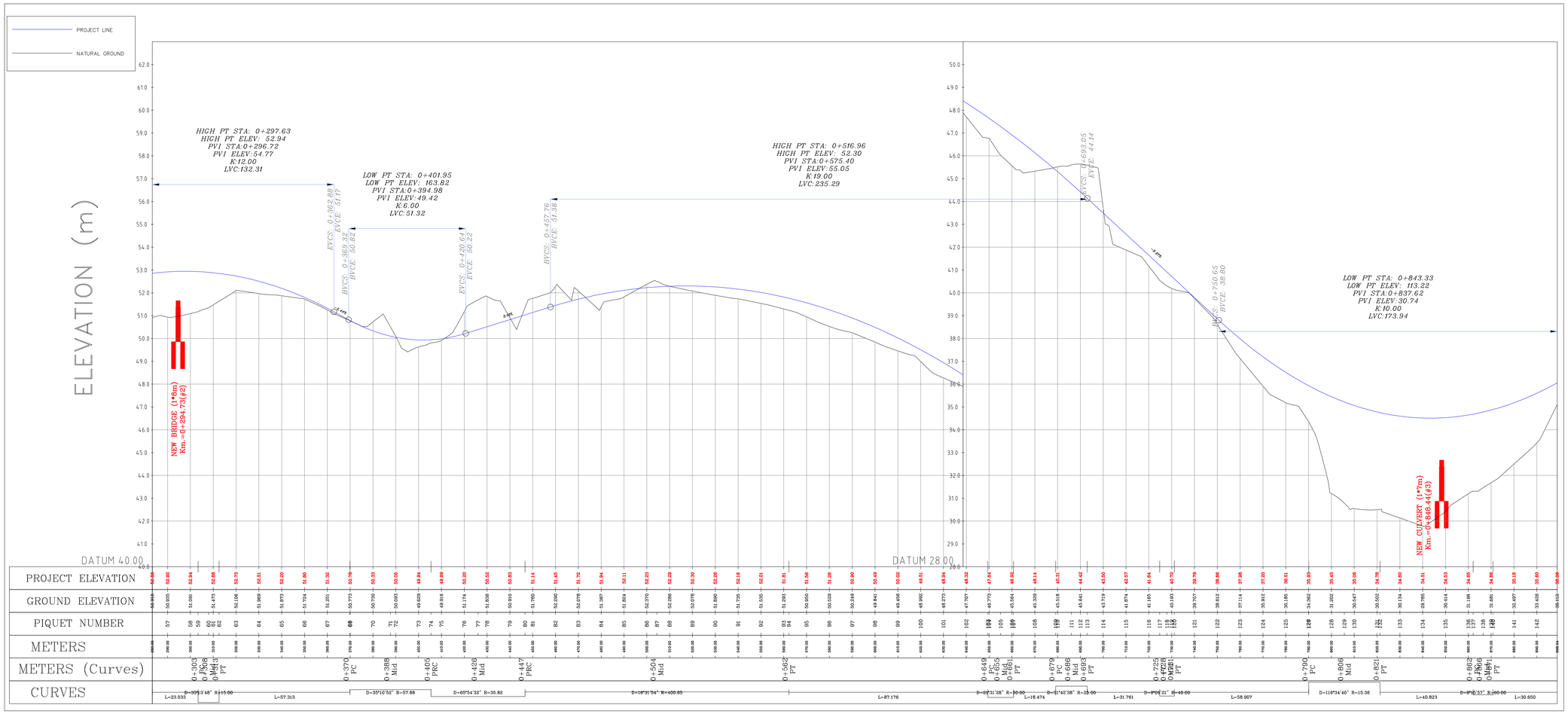
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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	707864	23	D00





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:	MEAN SEA LEVEL

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

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

6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.

7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

LEGEND

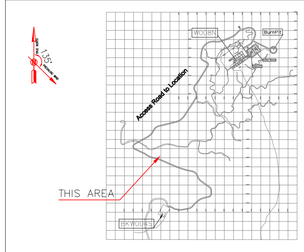
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT – W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans- W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report –W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works – W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING – W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



Curve Table: Alignments

Curve #	Radius	Length	Chord Direction	Start Point	End Point
C7	30.00	8.77	N60° 18' 40.98"E	(438512.35,3291069.99)	(438519.94,3291074.32)
C8	15.00	4.88	N78° 00' 11.90"E	(438550.51,3291086.25)	(438555.26,3291087.26)
C9	15.00	27.82	N34° 11' 47.01"E	(438568.95,3291087.90)	(438582.44,3291107.75)
C10	15.00	9.22	N36° 32' 50.53"W	(438574.97,3291129.54)	(438569.56,3291136.83)
C11	57.88	35.54	N37° 45' 59.28"W	(438523.10,3291170.39)	(438501.67,3291198.04)
C12	35.82	41.21	N45° 55' 29.69"W	(438501.67,3291198.04)	(438473.67,3291225.15)
C13	400.65	115.60	N72° 33' 20.24"W	(438473.67,3291225.15)	(438363.77,3291259.68)
C14	30.00	11.27	N76° 59' 18.51"W	(438283.99,3291294.83)	(438273.07,3291297.35)
C15	25.00	13.84	N71° 53' 43.76"W	(438254.62,3291298.07)	(438241.63,3291302.32)
C16	40.00	6.39	N60° 37' 05.55"W	(438215.29,3291320.06)	(438209.72,3291323.19)
C17	15.36	31.25	N3° 44' 37.06"W	(438156.25,3291347.91)	(438154.55,3291373.98)
C18	60.00	8.66	N60° 46' 20.26"E	(438191.52,3291391.29)	(438199.06,3291395.52)
C19	50.00	8.30	N51° 53' 00.99"E	(438224.66,3291412.37)	(438231.19,3291417.49)
C20	50.00	11.97	N40° 16' 17.13"E	(438246.26,3291431.48)	(438253.98,3291440.59)

Station	Northing	Easting
0+300.00	3291126.36	438576.06
0+320.00	3291141.17	438563.55
0+340.00	3291152.88	438547.33
0+360.00	3291164.59	438531.12
0+380.00	3291176.82	438515.33
0+400.00	3291193.04	438503.78
0+420.00	3291211.19	438495.65
0+440.00	3291223.27	438480.03
0+460.00	3291227.50	438460.52
0+480.00	3291231.83	438441.00
0+500.00	3291237.14	438421.72
0+520.00	3291243.40	438402.73
0+540.00	3291250.60	438384.07
0+560.00	3291258.72	438365.79
0+580.00	3291266.84	438347.52

Station	Northing	Easting
0+600.00	3291274.91	438329.22
0+620.00	3291282.97	438310.91
0+640.00	3291291.03	438292.61
0+660.00	3291297.31	438273.76
0+680.00	3291298.12	438253.78
0+700.00	3291306.23	438235.82
0+720.00	3291317.40	438219.24
0+740.00	3291326.91	438201.69
0+760.00	3291335.30	438183.54
0+780.00	3291343.69	438165.38
0+800.00	3291354.99	438149.53
0+820.00	3291373.18	438153.52
0+840.00	3291381.91	438171.48
0+860.00	3291390.39	438189.59
0+880.00	3291400.58	438206.76

PI Station	Northing	Easting
0+308.12	3291134.04	438573.42
0+388.24	3291180.82	438508.00
0+428.66	3291220.67	438496.46
0+504.85	3291234.43	438416.21
0+655.12	3291297.13	438278.77
0+686.26	3291298.35	438247.52
0+727.96	3291321.85	438212.63
0+814.91	3291359.56	438134.30
0+866.46	3291393.13	438195.44

REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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
W008N WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS –W008N
ACCESS ROAD-PLAN and PROFILE

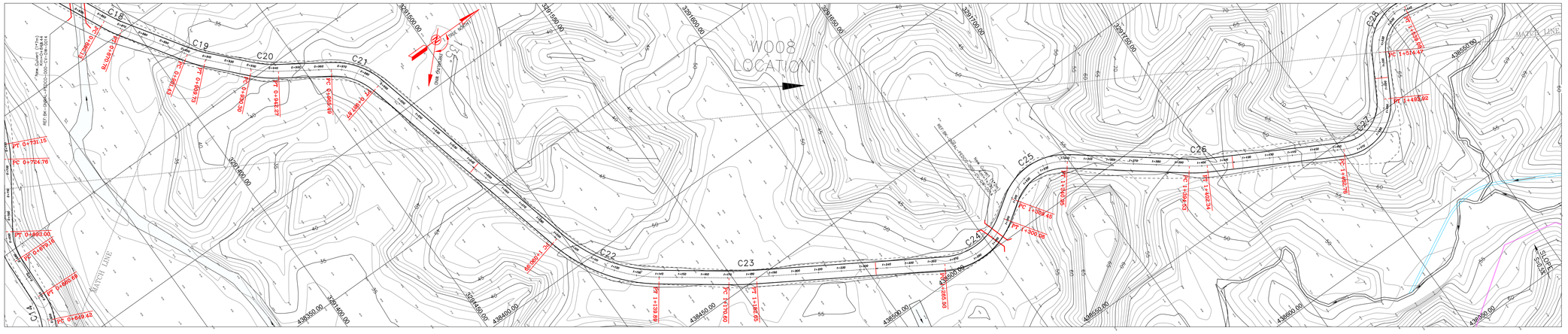
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/1000 V=1/100	A1	BK-W008N-PEDCO-110-CV-PY-0002	24 OF 75	D00

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707864	24	D00



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:	MEAN SEA LEVEL

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

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

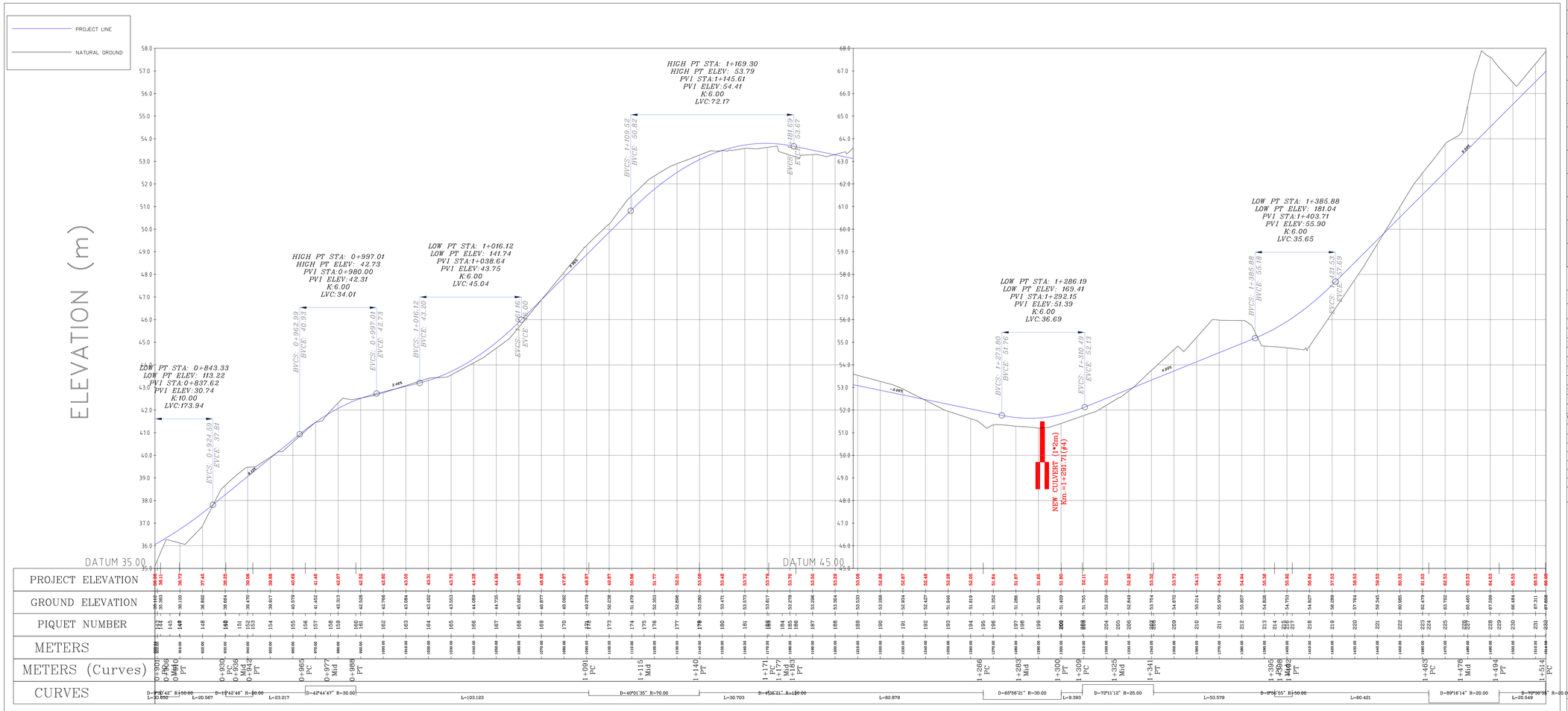
6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.

7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

LEGEND

	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT



Curve Table: Alignments

Curve #	Radius	Length	Chord Direction	Start Point	End Point
C18	60.00	8.66	N60° 46' 20.26"E	(438191.52,3291391.29)	(438199.06,3291395.52)
C19	50.00	8.30	N51° 53' 00.99"E	(438224.66,3291412.37)	(438231.19,3291417.49)
C20	50.00	11.97	N40° 16' 17.13"E	(438246.26,3291431.48)	(438253.98,3291440.59)
C21	30.00	22.38	N54° 47' 17.71"E	(438266.76,3291459.97)	(438284.63,3291472.58)
C22	70.00	48.90	N56° 08' 53.55"E	(438384.76,3291497.24)	(438424.55,3291523.93)
C23	150.00	12.06	N33° 49' 55.52"E	(438442.65,3291548.73)	(438449.36,3291558.74)
C24	30.00	34.53	N1° 26' 25.52"W	(438492.70,3291629.39)	(438491.88,3291662.03)
C25	25.00	31.50	N1° 40' 59.85"E	(438486.58,3291669.78)	(438487.44,3291699.22)
C26	50.00	7.81	N33° 18' 08.47"E	(438520.26,3291741.57)	(438524.55,3291748.09)
C27	20.00	31.16	N15° 48' 26.17"W	(438553.68,3291801.02)	(438546.02,3291828.06)
C28	20.00	24.61	N25° 11' 15.95"W	(438528.15,3291838.20)	(438518.32,3291859.09)

Station	Northing	Easting
0+900.00	3291411.58	438223.46
0+920.00	3291424.47	438238.71
0+940.00	3291438.73	438252.68
0+960.00	3291455.39	438263.74
0+980.00	3291469.72	438277.32
1+000.00	3291475.48	438296.41
1+020.00	3291480.26	438315.83
1+040.00	3291485.05	438335.25
1+060.00	3291489.83	438354.67
1+080.00	3291494.61	438374.08
1+100.00	3291499.95	438393.34
1+120.00	3291509.74	438410.71
1+140.00	3291524.02	438424.61
1+160.00	3291540.17	438436.40
1+180.00	3291556.49	438447.96
1+200.00	3291573.53	438458.44

Station	Northing	Easting
1+220.00	3291590.58	438468.89
1+240.00	3291607.62	438479.35
1+260.00	3291624.67	438489.81
1+280.00	3291643.04	438497.06
1+300.00	3291661.98	438491.92
1+320.00	3291679.46	438482.60
1+340.00	3291698.46	438486.87
1+360.00	3291714.28	438499.11
1+380.00	3291730.09	438511.36
1+400.00	3291746.07	438523.37
1+420.00	3291763.56	438533.06
1+440.00	3291781.09	438542.71
1+460.00	3291798.61	438552.35
1+480.00	3291817.69	438554.88
1+500.00	3291831.06	438540.73

PI Station	Northing	Easting
0+905.59	3291414.66	438228.14
0+936.31	3291435.57	438250.66
0+977.23	3291469.77	438273.23
1+116.49	3291503.34	438409.51
1+176.63	3291553.60	438446.21
1+284.99	3291645.97	438502.88
1+327.68	3291684.82	438476.28
1+398.44	3291744.66	438522.66
1+482.50	3291818.32	438563.20

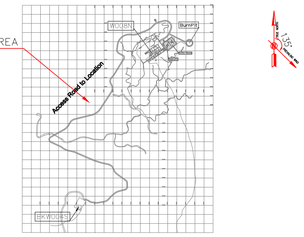
REFERENCE DRAWING

	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
***	**********	**.**	***.****	**.**	***.****
		CHECKED		REV. APPR.	
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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 -W008N
ACCESS ROAD-PLAN and PROFILE

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/1000 V=1/100	A1	BK-W008N-PEDCO-110-CV-PY-0002	25 OF 75	D00

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

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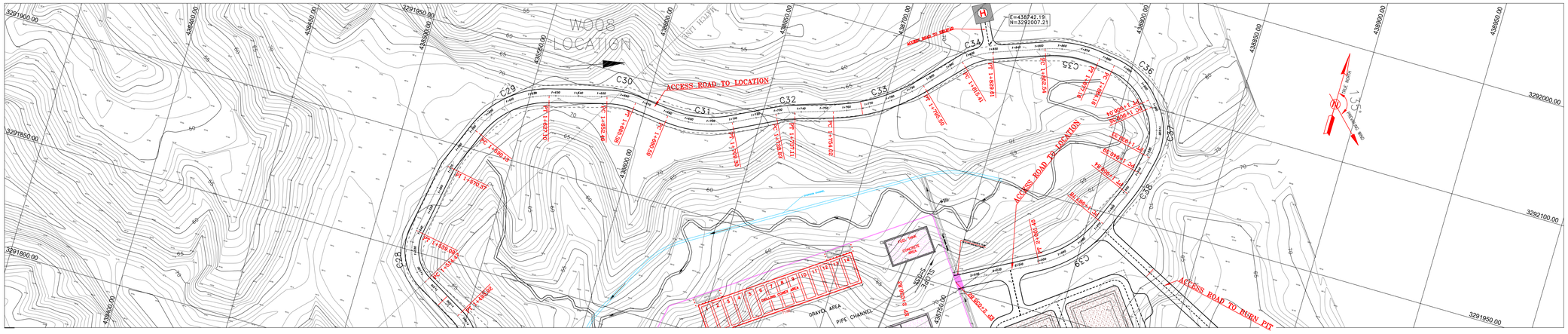
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

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	707864	25	D00



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:	MEAN SEA LEVEL

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

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

6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.

7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

LEGEND

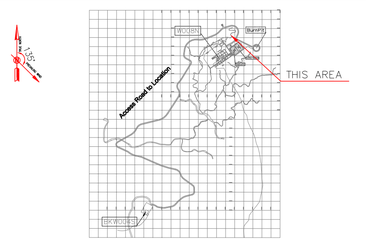
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

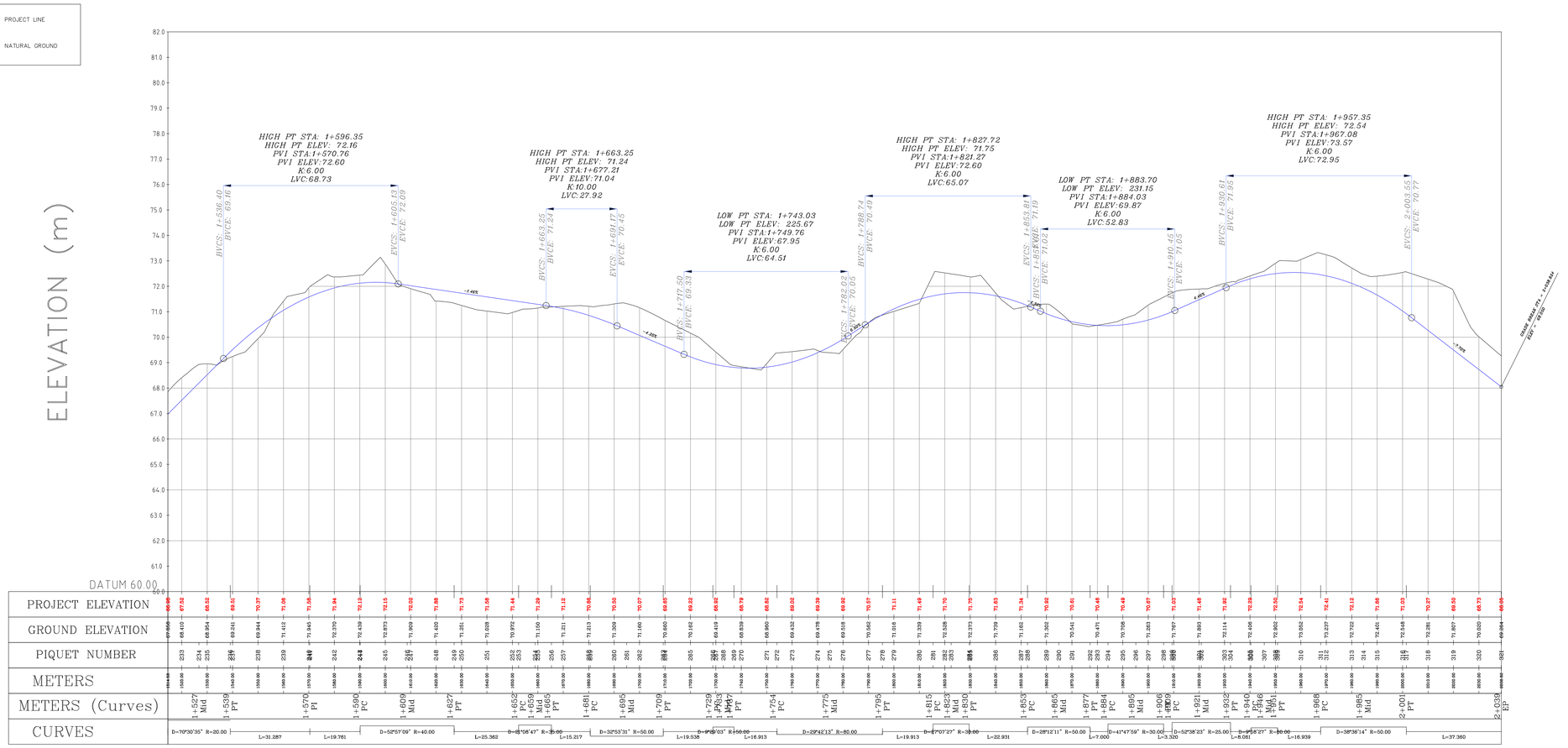
REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT – W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report –W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works – W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING – W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN





Curve Table: Alignments

Curve #	Radius	Length	Chord Direction	Start Point	End Point
C28	20.00	24.61	N25° 11' 15.95"W	(438528.15,3291838.20)	(438518.32,3291859.09)
C29	40.00	36.97	N48° 31' 30.21"E	(438531.21,3291908.22)	(438557.93,3291931.84)
C30	35.00	12.92	N85° 34' 28.23"E	(438582.43,3291938.40)	(438595.24,3291939.39)
C31	50.00	28.70	N79° 42' 05.98"E	(438610.37,3291937.76)	(438638.22,3291942.82)
C32	50.00	8.28	N67° 59' 52.02"E	(438655.67,3291951.62)	(438663.33,3291954.71)
C33	80.00	41.47	N57° 53' 17.10"E	(438679.49,3291959.73)	(438714.22,3291981.53)
C34	30.00	14.20	N56° 35' 53.96"E	(438727.81,3291996.09)	(438739.56,3292003.83)
C35	50.00	24.61	N84° 15' 42.69"E	(438761.13,3292011.61)	(438785.37,3292014.05)
C36	30.00	21.89	S60° 44' 12.74"E	(438792.30,3292013.03)	(438810.97,3292002.57)
C37	25.00	22.97	S13° 31' 01.99"E	(438813.10,3292000.02)	(438818.28,3291978.47)
C38	60.00	10.44	S17° 47' 23.02"W	(438816.49,3291970.60)	(438813.30,3291960.67)
C39	50.00	33.69	S42° 04' 43.55"W	(438806.75,3291945.05)	(438784.59,3291920.52)

Station	Northing	Easting
1+520.00	3291841.56	438523.77
1+540.00	3291860.00	438518.48
1+560.00	3291879.69	438521.98
1+580.00	3291898.83	438527.41
1+600.00	3291916.82	438536.00
1+620.00	3291929.40	438551.28
1+640.00	3291935.18	438570.40
1+660.00	3291939.56	438589.87
1+680.00	3291937.83	438609.78
1+700.00	3291939.43	438629.58
1+720.00	3291947.64	438647.78
1+740.00	3291955.57	438666.09
1+760.00	3291961.72	438685.12
1+780.00	3291971.30	438702.62
1+800.00	3291984.82	438717.30

Station	Northing	Easting
1+820.00	3291999.19	438731.19
1+840.00	3292007.36	438749.33
1+860.00	3292013.61	438768.30
1+880.00	3292013.64	438788.18
1+900.00	3292006.79	438806.66
1+920.00	3291990.67	438817.99
1+940.00	3291970.99	438816.58
1+960.00	3291952.22	438809.76
1+980.00	3291934.47	438800.69
2+000.00	3291921.24	438785.87
2+020.00	3291911.64	438768.32
2+038.82	3291902.63	438751.80

PI Station	Northing	Easting
1+528.60	3291845.17	438515.85
1+570.37	3291889.90	438523.79
1+610.05	3291926.68	438538.69
1+658.99	3291940.09	438588.74
1+695.35	3291936.18	438625.04
1+732.98	3291953.48	438659.37
1+775.24	3291966.03	438699.75
1+822.65	3292001.38	438732.75
1+865.11	3292015.88	438772.94
1+895.61	3292011.37	438803.63
1+921.73	3291990.52	438821.02
1+945.63	3291965.50	438815.33
1+985.29	3291928.91	438799.97
2+038.82	3291902.62	438751.80

REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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 –W008N
ACCESS ROAD–PLAN and PROFILE

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/1000 V=1/100	A1	BK-W008N-PEDCO-110-CV-PY-0002	26 OF 75	D00

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

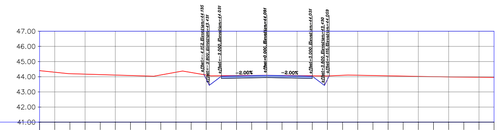
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION	BY:	DATE:

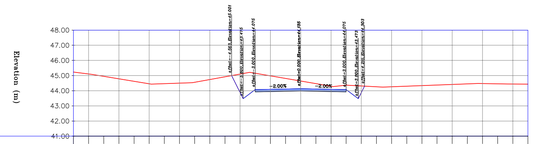
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053-073-9184	F	4	S	707864	26	D00

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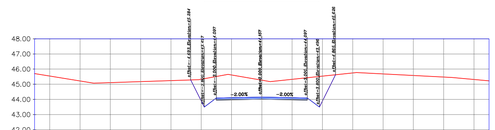
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PROJECT ELEVATION											43.83	44.03	44.05	44.07	44.09	44.09	44.07	44.05	43.83									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+010.00



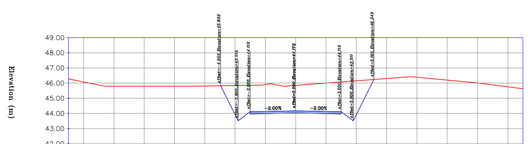
NATURAL GROUND ELEVATION	45.10	44.95	44.79	44.62	44.46	44.47	44.50	44.56	44.74	44.92	45.10	45.16	44.98	44.81	44.64	44.47	44.30	44.36	44.31	44.26	44.30	44.34	44.38	44.42	44.45	44.48	44.46	44.44
PROJECT ELEVATION											43.87	44.07	44.09	44.11	44.13	44.11	44.09	44.07	43.87									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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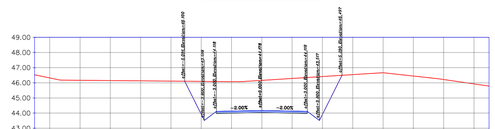
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PROJECT ELEVATION											43.90	44.10	44.12	44.14	44.16	44.14	44.12	44.10	43.90									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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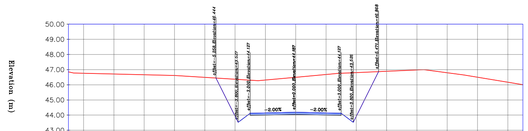
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PROJECT ELEVATION											43.91	44.11	44.13	44.15	44.17	44.15	44.13	44.11	43.91									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+020.00



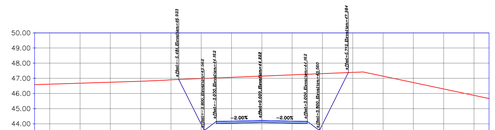
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PROJECT ELEVATION											45.92	43.92	44.12	44.14	44.16	44.18	44.16	44.14	44.12	43.92	45.92								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+022.04



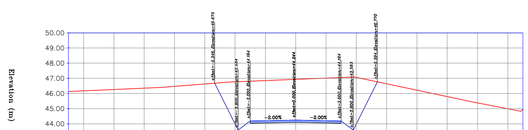
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PROJECT ELEVATION											45.93	43.93	44.13	44.15	44.17	44.19	44.17	44.15	44.13	43.93	45.93								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+030.00



NATURAL GROUND ELEVATION	46.61	46.64	46.68	46.71	46.74	46.77	46.80	46.85	46.90	46.94	46.98	47.03	47.07	47.11	47.15	47.19	47.23	47.27	47.31	47.35	47.40	47.36	47.14	46.93	46.72	46.51	46.30	46.09	45.87
PROJECT ELEVATION											45.96	43.96	44.16	44.18	44.20	44.22	44.20	44.18	44.16	43.96	45.96								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+035.11



NATURAL GROUND ELEVATION	46.17	46.22	46.26	46.31	46.35	46.40	46.47	46.55	46.63	46.70	46.77	46.81	46.85	46.89	46.93	46.97	47.01	47.05	47.07	46.85	46.64	46.43	46.22	46.01	45.79	45.58	45.38	44.99
PROJECT ELEVATION											45.98	43.98	44.18	44.20	44.22	44.24	44.22	44.20	44.18	43.98	45.98								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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

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

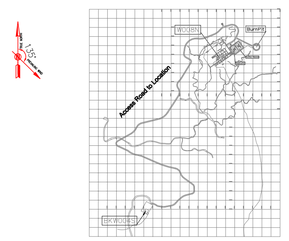
LEGEND

	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION	
B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
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 W008N 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
W008N WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD-CROSS SECTIONS

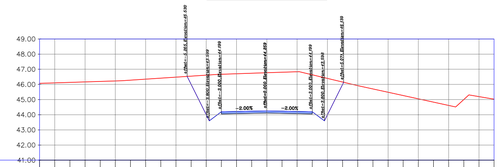
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	27 OF 75	D00

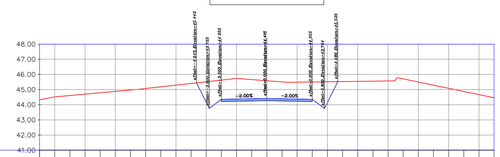
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707864	27	D00

0+038.54


Elevation (m)
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48.00
47.00
46.00
45.00
44.00
43.00
42.00
41.00
-2.00%
-2.00%

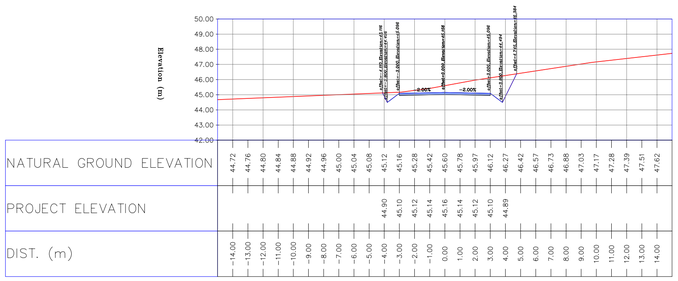
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0+074.51



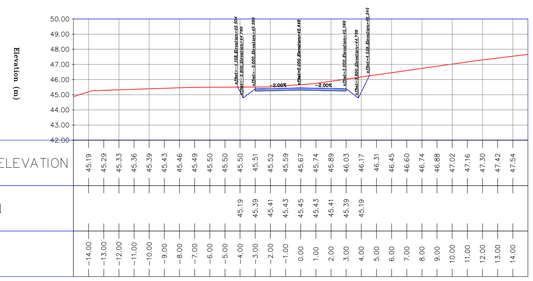
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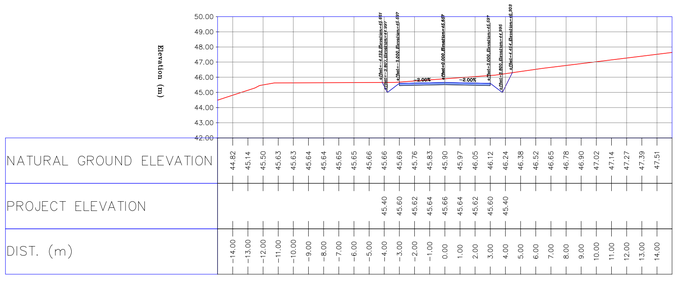
NATURAL GROUND ELEVATION	44.72	44.76	44.80	44.84	44.88	44.92	44.96	45.00	45.04	45.08	45.12	45.16	45.28	45.42	45.60	45.78	45.97	46.12	46.27	46.42	46.57	46.73	46.88	47.03	47.17	47.28	47.39	47.51	47.62
PROJECT ELEVATION											44.90	45.10	45.12	45.14	45.16	45.14	45.12	45.10	44.89										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+130.00



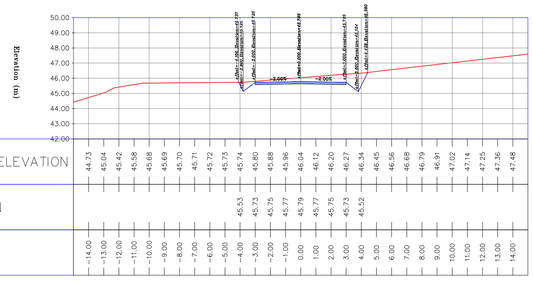
NATURAL GROUND ELEVATION	45.19	45.29	45.33	45.39	45.43	45.46	45.49	45.50	45.50	45.50	45.51	45.52	45.59	45.67	45.74	45.89	46.03	46.17	46.31	46.45	46.60	46.74	46.88	47.02	47.16	47.30	47.42	47.54
PROJECT ELEVATION									45.19	45.39	45.41	45.43	45.45	45.43	45.41	45.39	45.19											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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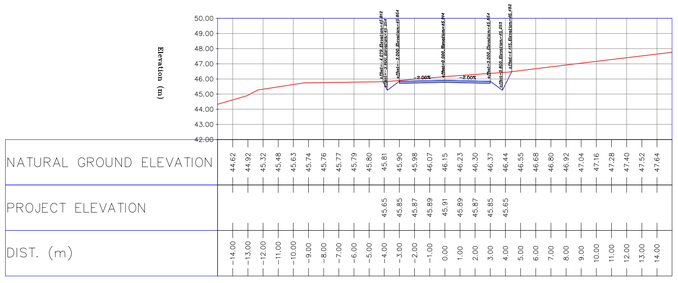
NATURAL GROUND ELEVATION	44.82	45.14	45.50	45.63	45.63	45.64	45.64	45.65	45.65	45.66	45.66	45.69	45.76	45.83	45.90	45.97	46.05	46.12	46.24	46.38	46.52	46.65	46.78	46.90	47.02	47.14	47.27	47.39	47.51
PROJECT ELEVATION											45.40	45.60	45.62	45.64	45.66	45.64	45.62	45.60	45.40										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+136.02



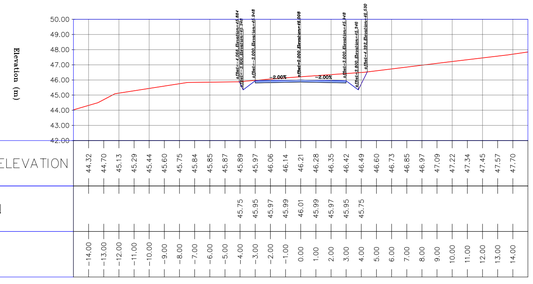
NATURAL GROUND ELEVATION	44.73	45.04	45.42	45.58	45.68	45.69	45.70	45.71	45.72	45.73	45.74	45.80	45.88	45.96	46.04	46.12	46.20	46.27	46.34	46.40	46.46	46.56	46.68	46.79	46.91	47.02	47.14	47.25	47.36	47.48
PROJECT ELEVATION											45.53	45.73	45.75	45.77	45.79	45.77	45.75	45.73	45.52											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+138.32



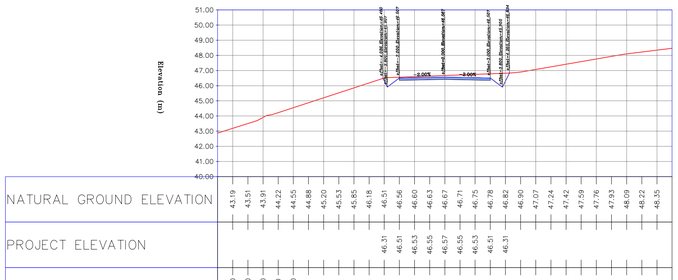
NATURAL GROUND ELEVATION	44.62	44.92	45.32	45.48	45.63	45.74	45.76	45.77	45.79	45.80	45.81	45.90	45.98	46.07	46.15	46.23	46.30	46.37	46.44	46.55	46.68	46.80	46.92	47.04	47.16	47.28	47.40	47.52	47.64
PROJECT ELEVATION											45.65	45.85	45.87	45.89	45.91	45.89	45.87	45.85	45.65										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+140.00



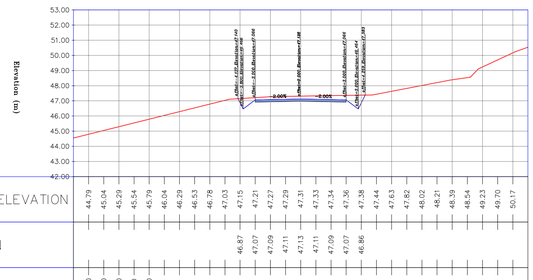
NATURAL GROUND ELEVATION	44.32	44.70	45.13	45.29	45.44	45.60	45.75	45.84	45.85	45.87	45.89	45.97	46.06	46.14	46.21	46.28	46.35	46.42	46.49	46.60	46.73	46.85	46.97	47.09	47.22	47.34	47.45	47.57	47.70
PROJECT ELEVATION											45.75	45.95	45.97	45.99	46.01	45.99	45.97	45.95	45.75										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+150.00



NATURAL GROUND ELEVATION	43.19	43.51	43.91	44.22	44.55	44.88	45.20	45.53	45.85	46.18	46.51	46.56	46.60	46.63	46.67	46.71	46.75	46.78	46.82	46.90	47.07	47.24	47.42	47.59	47.76	47.93	48.09	48.22	48.35
PROJECT ELEVATION											46.31	46.53	46.55	46.57	46.55	46.53	46.51	46.31											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+160.00



NATURAL GROUND ELEVATION	44.79	45.04	45.29	45.54	45.79	46.04	46.29	46.53	46.78	47.03	47.15	47.21	47.27	47.29	47.31	47.33	47.34	47.36	47.38	47.44	47.63	47.82	48.02	48.21	48.39	48.54	49.23	49.70	50.17
PROJECT ELEVATION											46.87	47.07	47.09	47.11	47.13	47.11	47.09	47.07	46.86										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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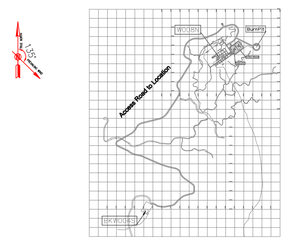
LEGEND

	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

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PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



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

						.
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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 -W008N ACCESS ROAD-CROSS SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	30 OF 75	D00

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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

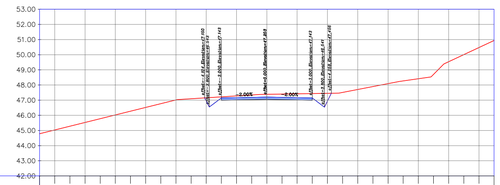
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

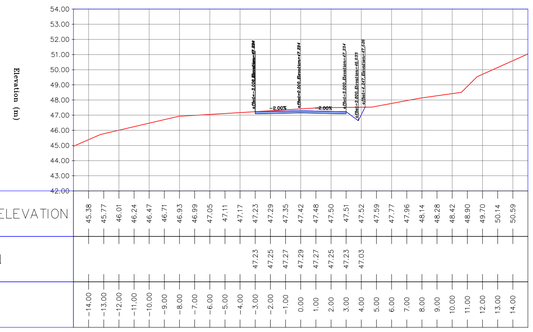
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707864	30	D00

0+161.38



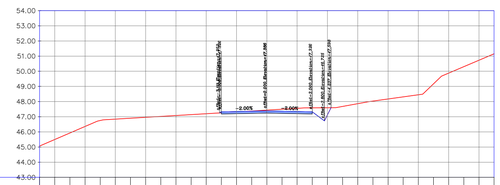
NATURAL GROUND ELEVATION	45.03	45.28	45.53	45.78	46.03	46.27	46.52	46.77	47.02	47.10	47.16	47.22	47.28	47.34	47.38	47.40	47.42	47.43	47.45	47.51	47.70	47.90	48.09	48.27	48.41	48.70	49.54	50.00	50.47
PROJECT ELEVATION											46.94	47.14	47.16	47.18	47.20	47.18	47.16	47.14	46.94										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+163.02



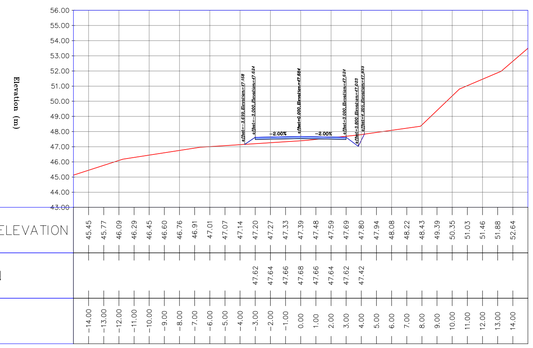
NATURAL GROUND ELEVATION	45.38	45.77	46.01	46.24	46.47	46.71	46.93	46.99	47.05	47.11	47.17	47.23	47.29	47.35	47.42	47.48	47.50	47.51	47.52	47.59	47.77	47.96	48.14	48.28	48.42	48.90	49.70	50.14	50.59
PROJECT ELEVATION												47.23	47.25	47.27	47.29	47.27	47.25	47.23	47.03										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+164.66



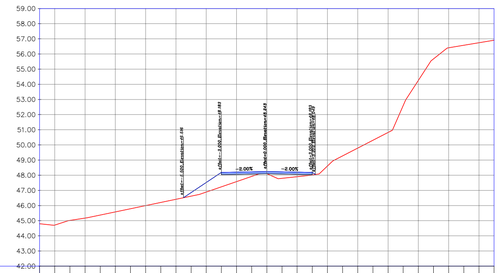
NATURAL GROUND ELEVATION	45.50	45.93	46.36	46.75	46.84	46.90	46.96	47.02	47.08	47.14	47.20	47.26	47.32	47.38	47.44	47.50	47.56	47.59	47.60	47.68	47.86	48.03	48.17	48.31	48.45	49.17	49.88	50.30	50.73
PROJECT ELEVATION												47.33	47.35	47.37	47.39	47.37	47.35	47.33	47.12										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+170.00



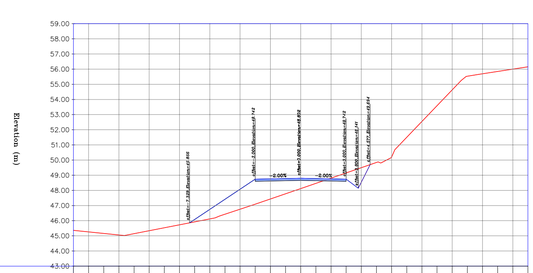
NATURAL GROUND ELEVATION	45.45	45.77	46.09	46.29	46.45	46.60	46.76	46.91	47.01	47.07	47.14	47.20	47.27	47.33	47.39	47.48	47.59	47.69	47.80	47.94	48.08	48.22	48.43	49.39	50.35	51.03	51.46	51.88	52.64
PROJECT ELEVATION												47.62	47.64	47.66	47.68	47.66	47.64	47.62	47.42										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+180.00



NATURAL GROUND ELEVATION	44.71	45.01	45.17	45.37	45.58	45.79	46.00	46.20	46.41	46.62	46.89	47.24	47.58	47.92	48.11	47.80	47.90	48.02	48.61	49.28	49.79	50.30	50.82	52.60	54.26	55.67	56.41	56.58	56.74
PROJECT ELEVATION										46.85	47.52	48.18	48.20	48.22	48.24	48.22	48.20	48.18											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+190.00



NATURAL GROUND ELEVATION	45.26	45.16	45.05	45.14	45.34	45.53	45.73	45.92	46.11	46.43	46.76	47.09	47.43	47.77	48.12	48.46	48.81	49.15	49.50	49.84	50.19	50.55	52.55	53.59	54.64	55.53	55.69	55.84	56.00
PROJECT ELEVATION										46.08	46.74	47.41	48.08	48.74	48.76	48.78	48.80	48.78	48.76	48.74	48.54								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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

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

LEGEND

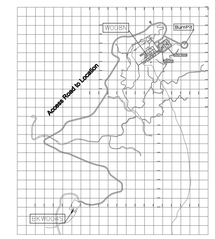
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
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 W008N 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
W008N WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD-CROSS SECTIONS

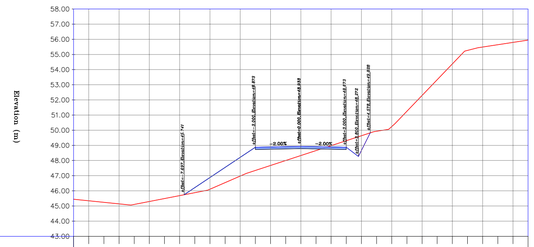
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H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	31 OF 75	D00

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

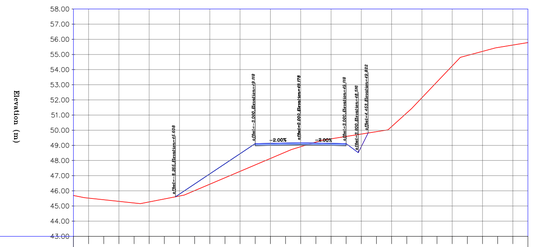
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0+192.34



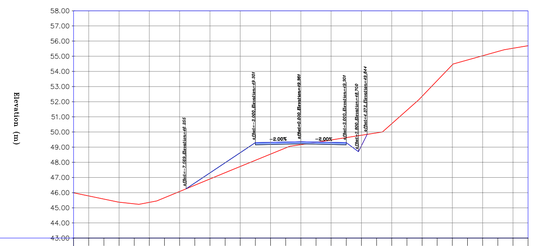
NATURAL GROUND ELEVATION	45.34	45.24	45.14	45.10	45.29	45.49	45.68	45.88	46.11	46.54	46.97	47.34	47.67	48.00	48.33	48.65	48.98	49.31	49.64	49.94	50.24	51.25	52.30	53.34	54.38	55.27	55.49	55.64	55.80	
PROJECT ELEVATION								46.21	46.87	47.54	48.21	48.87	48.89	48.91	48.93	48.91	48.89	48.87	48.67											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

0+196.72



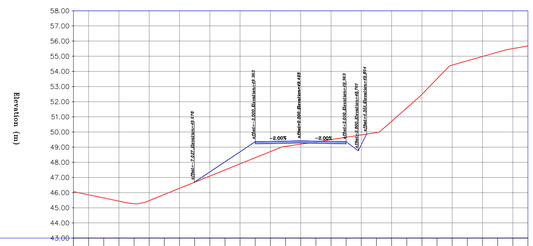
NATURAL GROUND ELEVATION	45.52	45.41	45.31	45.20	45.27	45.46	45.66	46.01	46.44	46.86	47.29	47.71	48.14	48.56	48.91	49.22	49.43	49.59	49.75	49.91	50.24	51.14	52.14	53.19	54.24	54.93	55.20	55.46	55.62	
PROJECT ELEVATION							45.78	45.45	47.12	47.78	48.45	49.12	49.14	49.16	49.18	49.16	49.14	49.12	48.92											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

0+200.00



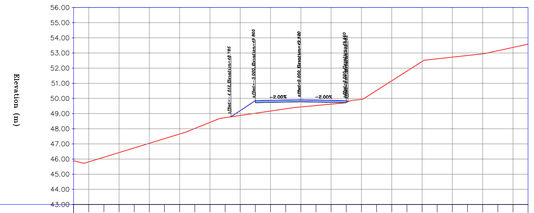
NATURAL GROUND ELEVATION	45.78	45.57	45.37	45.26	45.36	45.67	46.08	46.49	46.90	47.31	47.72	48.13	48.54	48.95	49.17	49.32	49.47	49.63	49.79	49.94	50.55	51.43	52.35	53.39	54.43	54.75	55.03	55.31	55.53	
PROJECT ELEVATION								46.63	47.30	47.97	48.63	49.30	49.32	49.34	49.36	49.34	49.32	49.30	49.10											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

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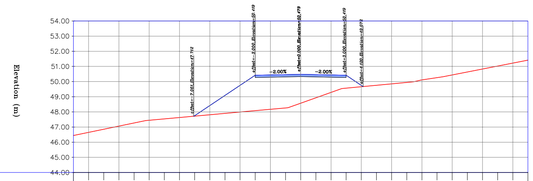
NATURAL GROUND ELEVATION	45.86	45.65	45.44	45.27	45.47	45.88	46.28	46.69	47.09	47.50	47.90	48.30	48.71	49.05	49.20	49.34	49.50	49.65	49.81	49.96	50.71	51.59	52.48	53.52	54.42	54.70	54.99	55.27	55.50	
PROJECT ELEVATION							46.70	47.36	48.03	48.70	49.36	49.38	49.40	49.42	49.40	49.38	49.36	49.16												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

0+210.00



NATURAL GROUND ELEVATION	45.81	46.12	46.43	46.73	47.04	47.34	47.65	48.01	48.42	48.73	48.87	49.02	49.17	49.31	49.44	49.53	49.62	49.74	49.93	50.52	51.16	51.80	52.44	52.62	52.72	52.83	52.94	53.15	53.37	
PROJECT ELEVATION											49.19	49.86	49.88	49.90	49.92	49.90	49.88	49.86												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

0+220.00



NATURAL GROUND ELEVATION	46.65	46.86	47.06	47.27	47.44	47.54	47.63	47.72	47.81	47.90	47.99	48.08	48.17	48.26	48.58	48.93	49.29	49.57	49.86	49.76	49.85	49.94	50.11	50.26	50.44	50.63	50.83	51.02	51.22	
PROJECT ELEVATION								47.75	48.42	49.09	49.75	50.42	50.44	50.46	50.48	50.46	50.44	50.42	49.75											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

NOTES

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ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MEAN SEA LEVEL
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- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

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8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

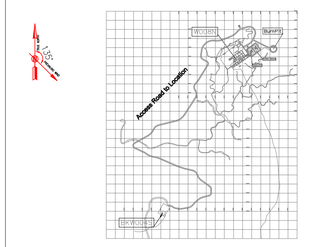
LEGEND

	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION	
B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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 -W008N
ACCESS ROAD-CROSS SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	32 OF 75	D00

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

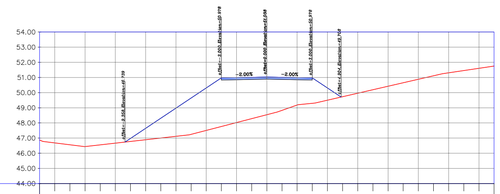
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

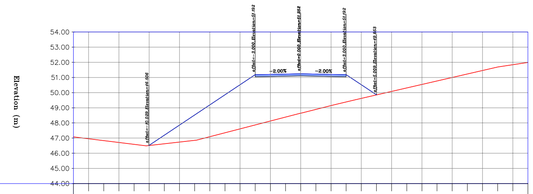
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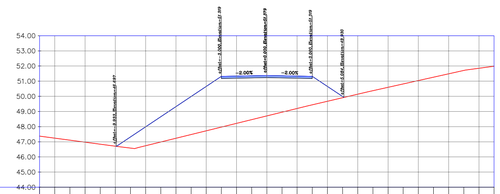
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PROJECT ELEVATION						46.98	47.64	48.31	48.98	49.64	50.31	50.98	51.00	51.02	51.04	51.02	51.00	50.98	50.31										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+233.92



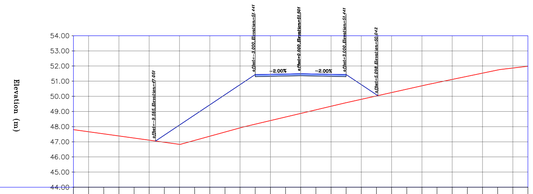
NATURAL GROUND ELEVATION	46.96	46.83	46.71	46.59	46.51	46.62	46.74	46.85	47.09	47.35	47.61	47.87	48.12	48.38	48.64	48.89	49.14	49.38	49.62	49.85	50.08	50.31	50.54	50.77	51.00	51.23	51.46	51.69	51.84
PROJECT ELEVATION					46.53	47.19	47.86	48.53	49.19	49.86	50.53	51.19	51.21	51.23	51.25	51.23	51.21	51.19	50.53	49.86									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+236.36



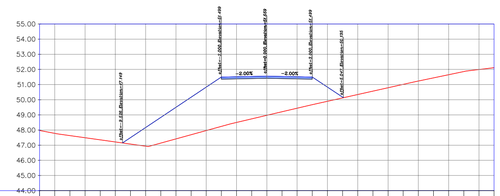
NATURAL GROUND ELEVATION	47.24	47.11	46.97	46.84	46.71	46.58	46.74	46.98	47.23	47.48	47.72	47.97	48.21	48.46	48.71	48.95	49.20	49.44	49.68	49.91	50.14	50.38	50.60	50.82	51.04	51.26	51.49	51.71	51.85
PROJECT ELEVATION					47.32	47.99	48.65	49.32	49.99	50.65	51.32	51.34	51.36	51.38	51.36	51.34	51.32	50.65	49.99										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+238.80



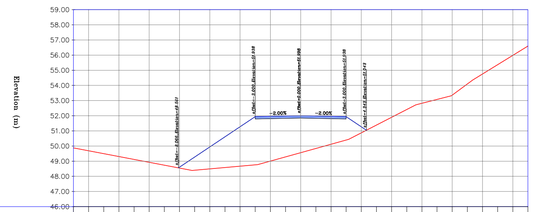
NATURAL GROUND ELEVATION	47.66	47.52	47.39	47.25	47.11	46.97	46.83	47.09	47.37	47.64	47.92	48.16	48.40	48.63	48.87	49.11	49.34	49.57	49.80	50.02	50.24	50.47	50.69	50.90	51.11	51.32	51.53	51.74	51.87
PROJECT ELEVATION					47.44	48.11	48.77	49.44	50.11	50.77	51.44	51.46	51.48	51.50	51.48	51.46	51.44	50.77	50.11										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+240.00



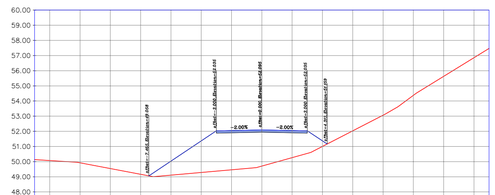
NATURAL GROUND ELEVATION	47.78	47.63	47.49	47.35	47.21	47.08	46.94	47.14	47.42	47.69	47.97	48.24	48.50	48.74	48.97	49.21	49.44	49.68	49.90	50.12	50.35	50.57	50.79	51.02	51.23	51.44	51.65	51.86	51.99
PROJECT ELEVATION					47.50	48.17	48.83	49.50	50.17	50.83	51.50	51.52	51.54	51.56	51.54	51.52	51.50	50.83	50.17										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+250.00



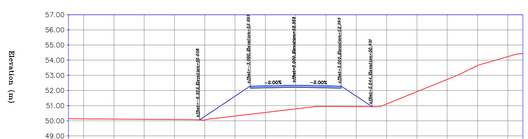
NATURAL GROUND ELEVATION	49.69	49.50	49.31	49.12	48.93	48.74	48.55	48.41	48.50	48.58	48.67	48.76	49.01	49.39	49.56	49.84	50.12	50.39	50.87	51.38	51.90	52.41	52.82	53.08	53.36	54.10	54.76	55.37	55.99
PROJECT ELEVATION					48.60	49.27	49.94	50.60	51.27	51.94	51.96	51.98	52.00	51.98	51.96	51.94	51.27												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+252.51



NATURAL GROUND ELEVATION	50.07	50.00	49.92	49.73	49.54	49.35	49.16	49.02	49.11	49.19	49.28	49.37	49.46	49.55	49.71	49.99	50.26	50.54	51.00	51.51	52.03	52.54	53.06	53.63	54.37	55.01	55.62	56.24	56.85
PROJECT ELEVATION					49.37	50.03	50.70	51.37	52.03	52.05	52.07	52.09	52.07	52.05	52.03	51.37													
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+260.00



NATURAL GROUND ELEVATION	50.12	50.12	50.11	50.10	50.09	50.08	50.07	50.06	50.31	50.43	50.55	50.67	50.79	50.90	50.94	50.94	50.93	51.11	51.51	51.92	52.32	52.73	53.16	53.64	53.94	54.23			
PROJECT ELEVATION								50.29	50.96	51.63	52.29	52.31	52.33	52.35	52.33	52.31	52.29	51.63	50.96										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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

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

LEGEND

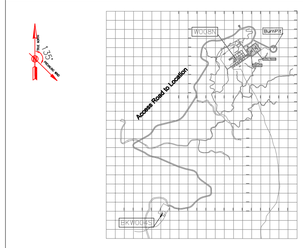
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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
W008N WELLHEAD FACILITIES

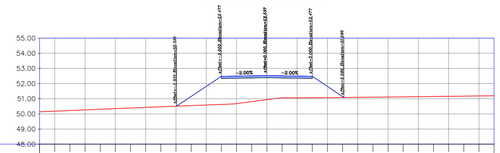
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD-CROSS SECTIONS

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

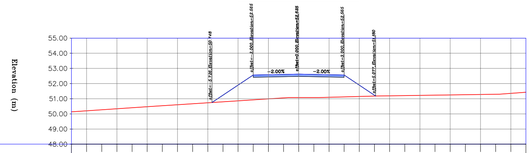
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	33 OF 75	D00	053-073-9184	F	4	S	707864	33	D00

0+266.42



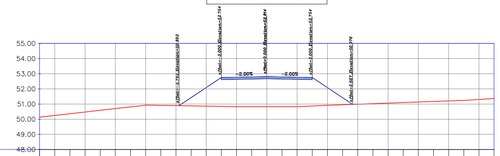
NATURAL GROUND ELEVATION	50.17	50.22	50.26	50.30	50.35	50.39	50.43	50.47	50.51	50.55	50.59	50.63	50.68	50.81	50.94	51.06	51.07	51.07	51.08	51.09	51.09	51.10	51.11	51.12	51.14	51.15	51.16	51.17	51.18
PROJECT ELEVATION										51.14	51.81	52.48	52.50	52.52	52.54	52.52	52.50	52.48	51.81	51.14									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+270.00



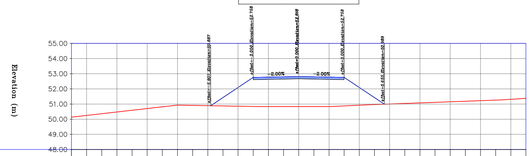
NATURAL GROUND ELEVATION	50.20	50.27	50.33	50.40	50.47	50.54	50.60	50.67	50.73	50.79	50.86	50.92	50.99	51.05	51.08	51.08	51.10	51.12	51.15	51.18	51.19	51.21	51.22	51.24	51.25	51.26	51.28	51.30	51.35
PROJECT ELEVATION										51.23	51.90	52.57	52.59	52.61	52.63	52.61	52.59	52.57	51.90	51.23									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+280.00



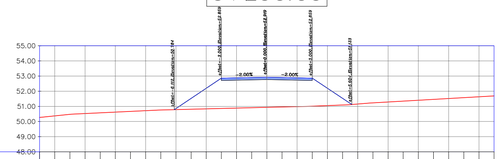
NATURAL GROUND ELEVATION	50.24	50.36	50.47	50.59	50.70	50.81	50.92	50.91	50.90	50.88	50.86	50.84	50.83	50.83	50.83	50.83	50.87	50.92	50.95	50.99	51.02	51.06	51.09	51.13	51.17	51.20	51.24	51.30
PROJECT ELEVATION										51.42	52.09	52.75	52.77	52.79	52.81	52.79	52.77	52.75	52.09	51.42								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+280.33



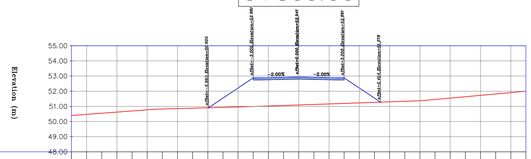
NATURAL GROUND ELEVATION	50.25	50.36	50.47	50.59	50.70	50.82	50.93	50.91	50.89	50.87	50.85	50.84	50.83	50.83	50.83	50.84	50.84	50.88	50.92	50.96	51.00	51.04	51.07	51.11	51.15	51.18	51.22	51.26	51.31
PROJECT ELEVATION										51.43	52.09	52.76	52.78	52.80	52.82	52.80	52.78	52.76	52.09	51.43									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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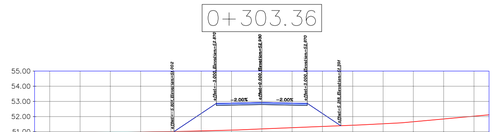
NATURAL GROUND ELEVATION	50.37	50.47	50.53	50.57	50.62	50.67	50.72	50.76	50.79	50.81	50.84	50.86	50.89	50.91	50.94	50.96	50.98	51.01	51.05	51.09	51.15	51.23	51.29	51.35	51.40	51.46	51.52	51.58	51.63
PROJECT ELEVATION									50.86	51.53	52.19	52.86	52.88	52.90	52.92	52.90	52.88	52.19	51.53										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+300.00



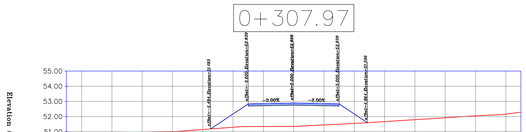
NATURAL GROUND ELEVATION	50.47	50.55	50.62	50.70	50.77	50.83	50.85	50.88	50.90	50.93	50.96	50.99	51.02	51.06	51.09	51.13	51.16	51.20	51.23	51.26	51.30	51.33	51.37	51.45	51.54	51.63	51.72	51.82	51.91
PROJECT ELEVATION									51.55	52.21	52.88	52.90	52.92	52.94	52.92	52.90	52.88	52.21	51.55										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+303.36



NATURAL GROUND ELEVATION	50.68	50.71	50.79	50.86	50.89	50.92	50.95	50.97	51.00	51.02	51.05	51.07	51.10	51.14	51.18	51.22	51.26	51.30	51.34	51.38	51.42	51.47	51.52	51.57	51.65	51.74	51.83	51.93	52.02
PROJECT ELEVATION									51.54	52.20	52.87	52.89	52.91	52.93	52.91	52.89	52.87	52.20	51.54										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+307.97



NATURAL GROUND ELEVATION	50.71	50.73	50.82	50.90	50.93	50.96	51.00	51.07	51.14	51.22	51.29	51.34	51.34	51.34	51.34	51.39	51.44	51.50	51.55	51.60	51.67	51.73	51.79	51.86	51.92	51.98	52.04	52.09	52.16
PROJECT ELEVATION									51.51	52.17	52.84	52.86	52.88	52.90	52.88	52.86	52.84	52.17											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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:	MEAN SEA LEVEL

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

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

6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.

7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

LEGEND

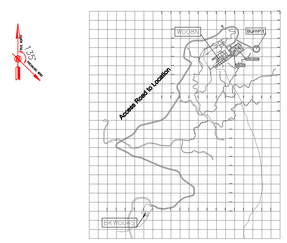
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
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 W008N 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
W008N WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD-CROSS SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	34 OF 75	D00

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

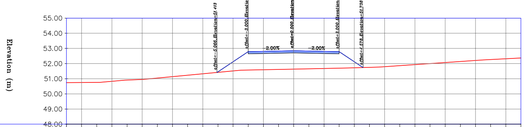
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707864	34	D00

0+310.00



NATURAL GROUND ELEVATION	50.73	50.74	50.83	50.90	50.94	50.98	51.06	51.15	51.23	51.32	51.40	51.44	51.45	51.46	51.47	51.48	51.50	51.55	51.61	51.67	51.74	51.81	51.87	51.94	52.00	52.07	52.14	52.19	52.23
PROJECT ELEVATION										51.49	52.15	52.82	52.84	52.86	52.88	52.86	52.84	52.82	52.15										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+312.58



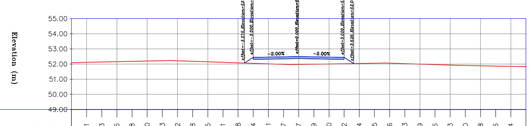
NATURAL GROUND ELEVATION	50.75	50.76	50.83	50.91	50.95	51.04	51.13	51.23	51.32	51.42	51.51	51.57	51.59	51.61	51.63	51.66	51.68	51.70	51.72	51.75	51.79	51.86	51.93	52.00	52.07	52.14	52.21	52.27	52.32
PROJECT ELEVATION										51.46	52.12	52.79	52.81	52.83	52.85	52.83	52.81	52.79	52.12										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+320.00



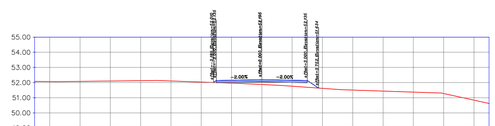
NATURAL GROUND ELEVATION	51.67	51.70	51.73	51.76	51.79	51.81	51.84	51.87	51.90	51.93	51.95	51.99	52.05	52.08	52.11	52.13	52.15	52.17	52.18	52.20	52.21	52.23	52.25	52.26	52.28	52.30	52.31	52.31	52.29
PROJECT ELEVATION											52.01	52.67	52.69	52.71	52.73	52.71	52.69	52.67											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+330.00



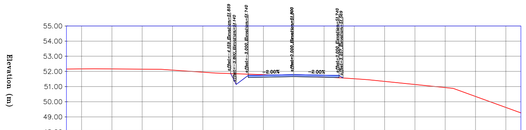
NATURAL GROUND ELEVATION	52.11	52.13	52.16	52.18	52.20	52.22	52.18	52.15	52.11	52.08	52.04	52.01	51.97	51.97	51.99	52.00	52.02	52.04	52.05	52.06	52.03	51.99	51.96	51.93	51.90	51.88	51.86	51.84	
PROJECT ELEVATION											52.45	52.47	52.49	52.51	52.49	52.47	52.45												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+340.00



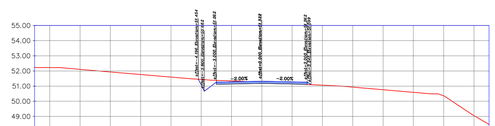
NATURAL GROUND ELEVATION	52.07	52.07	52.08	52.09	52.11	52.12	52.13	52.14	52.11	52.07	52.04	52.00	51.97	51.92	51.87	51.82	51.76	51.69	51.62	51.54	51.50	51.47	51.44	51.40	51.37	51.34	51.28	51.06	50.84
PROJECT ELEVATION												52.14	52.16	52.18	52.20	52.18	52.16	52.14											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+350.00



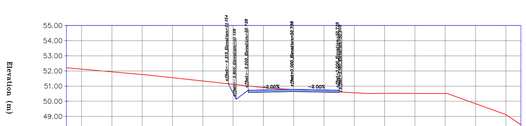
NATURAL GROUND ELEVATION	52.16	52.17	52.16	52.16	52.15	52.14	52.09	52.02	51.95	51.89	51.85	51.82	51.79	51.76	51.72	51.68	51.63	51.58	51.52	51.44	51.34	51.24	51.14	51.04	50.94	50.71	50.35	49.99	49.63
PROJECT ELEVATION											51.54	51.74	51.76	51.78	51.80	51.78	51.76	51.74											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+360.00



NATURAL GROUND ELEVATION	52.22	52.19	52.10	52.02	51.93	51.85	51.76	51.68	51.60	51.51	51.44	51.38	51.34	51.30	51.25	51.20	51.16	51.11	51.06	51.02	50.94	50.85	50.77	50.68	50.59	50.51	50.36	49.71	49.05
PROJECT ELEVATION											51.00	51.26	51.28	51.30	51.32	51.30	51.28	51.26											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+369.90



NATURAL GROUND ELEVATION	52.12	52.03	51.94	51.85	51.77	51.66	51.56	51.45	51.34	51.23	51.12	51.01	50.90	50.83	50.78	50.72	50.67	50.62	50.56	50.52	50.52	50.52	50.52	50.51	50.51	50.20	49.84	49.48	49.12
PROJECT ELEVATION											50.53	50.73	50.75	50.77	50.79	50.77	50.75	50.73											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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

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

LEGEND

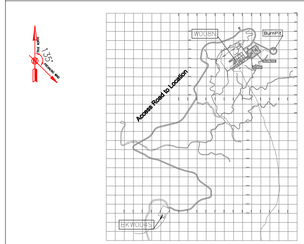
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
***	**********	**.**	***.****	**.**	***.****
		CHECKED		REV. APPR.	
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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
W008N WELLHEAD FACILITIES

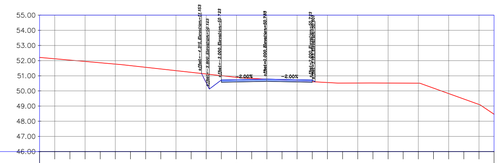
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD-CROSS SECTIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

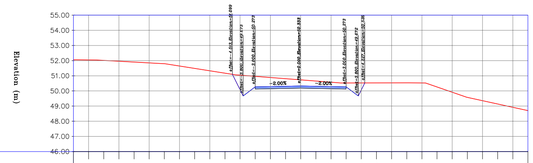
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H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	35 OF 75	D00	053-073-9184	F	4	S	707864	35	D00

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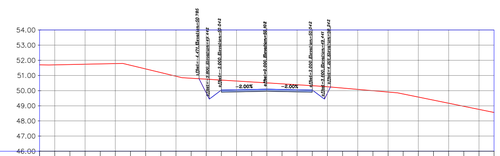
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PROJECT ELEVATION											50.52	50.72	50.74	50.76	50.78	50.76	50.74	50.72											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+380.00



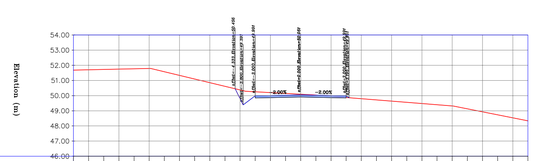
NATURAL GROUND ELEVATION	52.04	52.01	51.96	51.90	51.85	51.79	51.64	51.49	51.33	51.17	51.04	50.97	50.89	50.81	50.73	50.65	50.57	50.52	50.53	50.53	50.53	50.53	50.26	49.91	49.57	49.36	49.14	48.92
PROJECT ELEVATION											50.07	50.27	50.29	50.31	50.33	50.31	50.29	50.27	50.07									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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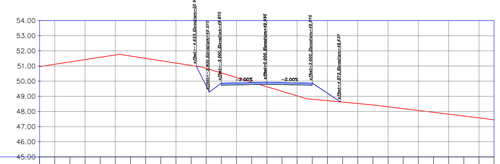
NATURAL GROUND ELEVATION	51.70	51.72	51.75	51.77	51.79	51.68	51.44	51.19	50.95	50.82	50.76	50.69	50.63	50.57	50.51	50.45	50.39	50.33	50.26	50.17	50.08	49.99	49.91	49.78	49.57	49.37	49.17	48.96	48.76
PROJECT ELEVATION											49.84	50.04	50.06	50.08	50.10	50.08	50.06	50.04	49.84										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+390.00



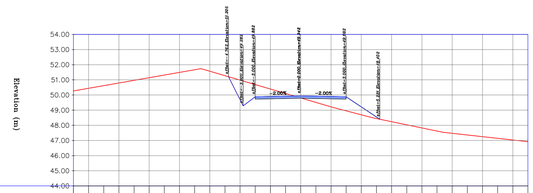
NATURAL GROUND ELEVATION	51.71	51.73	51.75	51.77	51.79	51.58	51.34	51.10	50.86	50.62	50.38	50.26	50.20	50.15	50.09	50.04	49.96	49.88	49.80	49.72	49.64	49.56	49.48	49.40	49.32	49.13	48.93	48.73	48.54
PROJECT ELEVATION											49.79	49.99	50.01	50.03	50.05	50.03	50.01	49.99											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+400.00



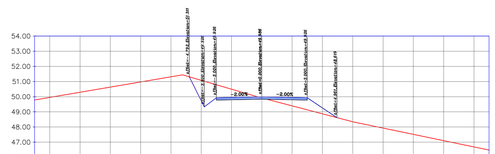
NATURAL GROUND ELEVATION	51.11	51.27	51.42	51.57	51.73	51.66	51.50	51.35	51.19	51.04	50.84	50.54	50.24	49.93	49.63	49.33	49.03	48.80	48.71	48.62	48.52	48.43	48.31	48.19	48.07	47.94	47.82	47.70	47.58
PROJECT ELEVATION											49.68	49.88	49.90	49.92	49.94	49.92	49.90	49.88	49.21										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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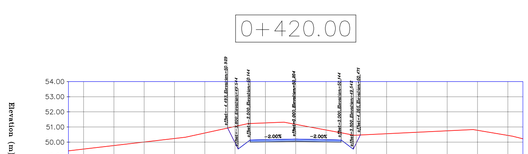
NATURAL GROUND ELEVATION	50.44	50.62	50.79	50.97	51.14	51.31	51.49	51.66	51.57	51.28	50.38	50.69	50.40	50.10	49.81	49.52	49.22	48.96	48.70	48.45	48.24	48.03	47.83	47.62	47.47	47.36	47.25	47.14	47.03
PROJECT ELEVATION											49.68	49.88	49.90	49.92	49.94	49.92	49.90	49.88	49.22	48.55									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	1.99	3.00	3.97	5.00	5.96	7.00	7.95	9.00	9.94	11.00	11.93	13.00	13.92

0+410.00



NATURAL GROUND ELEVATION	49.95	50.12	50.29	50.46	50.63	50.80	50.97	51.14	51.31	51.37	51.08	50.79	50.49	50.20	49.91	49.65	49.39	49.13	48.87	48.61	48.35	48.14	47.93	47.72	47.52	47.31	47.10	46.89	46.69
PROJECT ELEVATION											49.73	49.93	49.95	49.97	49.99	49.97	49.95	49.93	49.26										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+420.00



NATURAL GROUND ELEVATION	49.54	49.66	49.78	49.89	50.01	50.13	50.25	50.39	50.60	50.82	51.04	51.23	51.27	51.31	51.17	50.99	50.80	50.62	50.46	50.51	50.56	50.63	50.65	50.70	50.75	50.80	50.78	50.62	50.45
PROJECT ELEVATION											49.94	50.14	50.16	50.18	50.20	50.18	50.16	50.14	49.94										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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

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

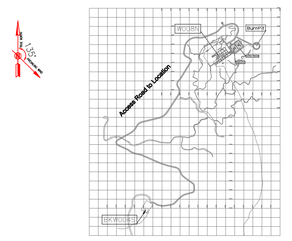
LEGEND

	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION	
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E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	CHECKED	DATE	REV. APPR.
***	**********	**.**	***.****	**.**	***.****	
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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 -W008N
ACCESS ROAD-CROSS SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	36 OF 75	D00

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

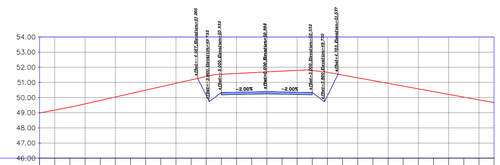
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

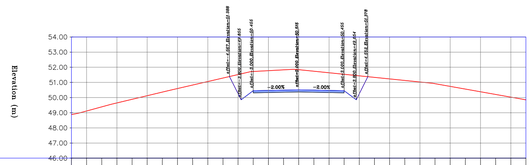
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707864	36	D00

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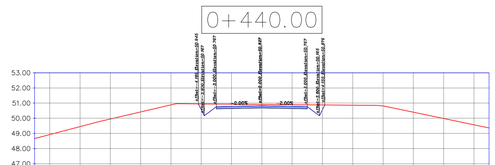
NATURAL GROUND ELEVATION	49.18	49.37	49.58	49.81	50.03	50.26	50.49	50.71	50.94	51.17	51.39	51.54	51.59	51.64	51.69	51.74	51.79	51.78	51.66	51.48	51.30	51.12	50.94	50.76	50.58	50.40	50.21	50.03	49.85
PROJECT ELEVATION											50.13	50.33	50.35	50.37	50.39	50.37	50.35	50.33	50.13										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+430.00



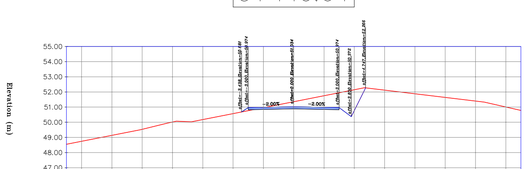
NATURAL GROUND ELEVATION	49.11	49.39	49.64	49.88	50.12	50.36	50.60	50.83	51.06	51.29	51.52	51.72	51.78	51.83	51.84	51.74	51.64	51.54	51.43	51.33	51.23	51.13	51.03	50.92	50.74	50.56	50.39	50.21	50.03
PROJECT ELEVATION											50.26	50.46	50.48	50.50	50.52	50.50	50.48	50.46	50.25										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+440.00



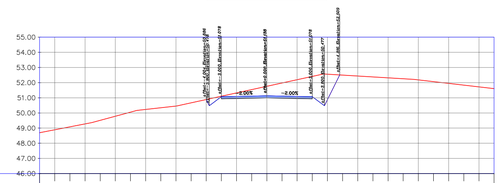
NATURAL GROUND ELEVATION	48.92	49.18	49.45	49.71	49.95	50.18	50.42	50.65	50.88	50.95	50.94	50.94	50.93	50.92	50.91	50.90	50.89	50.89	50.88	50.87	50.86	50.85	50.81	50.60	50.40	50.19	49.98	49.77	49.57
PROJECT ELEVATION											50.57	50.77	50.79	50.81	50.83	50.81	50.79	50.77	50.57										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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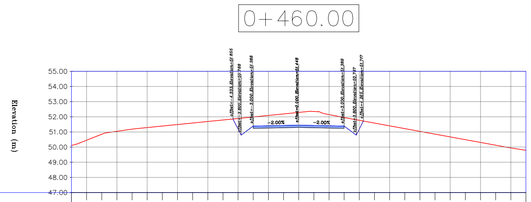
NATURAL GROUND ELEVATION	48.75	48.94	49.13	49.33	49.53	49.78	50.01	50.04	50.18	50.37	50.57	50.77	50.96	51.16	51.36	51.55	51.75	51.95	52.14	52.24	52.12	52.00	51.88	51.76	51.64	51.52	51.40	51.23	51.01
PROJECT ELEVATION											50.97	50.99	51.01	51.03	51.01	51.01	50.99	50.97	50.77										
DIST. (m)	-13.99	-13.00	-11.99	-11.00	-9.99	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+450.00



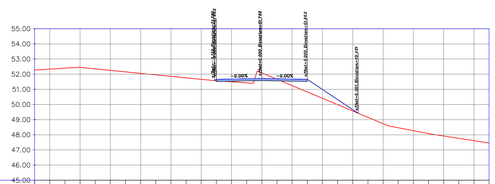
NATURAL GROUND ELEVATION	48.89	49.08	49.28	49.52	49.79	50.06	50.23	50.34	50.46	50.67	50.89	51.10	51.32	51.54	51.76	51.98	52.19	52.41	52.56	52.50	52.44	52.38	52.32	52.26	52.18	52.06	51.95	51.83	51.72
PROJECT ELEVATION											50.88	51.08	51.10	51.12	51.14	51.12	51.10	51.08	50.88										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+460.00



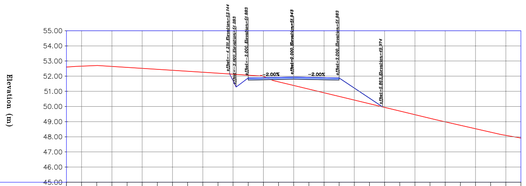
NATURAL GROUND ELEVATION	50.45	50.85	51.04	51.18	51.29	51.39	51.49	51.59	51.69	51.79	51.89	51.99	52.09	52.19	52.29	52.35	52.15	51.95	51.77	51.58	51.40	51.22	51.04	50.85	50.67	50.49	50.31	50.12	49.94
PROJECT ELEVATION											51.19	51.39	51.41	51.43	51.45	51.43	51.41	51.39	51.19										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+470.00



NATURAL GROUND ELEVATION	52.34	52.40	52.45	52.35	52.25	52.16	52.06	51.96	51.86	51.76	51.66	51.57	51.50	51.43	52.08	51.66	51.24	50.83	50.41	49.99	49.57	49.15	48.74	48.46	48.27	48.08	47.92	47.77	47.62
PROJECT ELEVATION											51.66	51.68	51.70	51.72	51.70	51.68	51.66	51.00	50.33	49.66									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+480.00



NATURAL GROUND ELEVATION	52.66	52.70	52.64	52.58	52.51	52.45	52.38	52.32	52.26	52.19	52.13	52.06	51.99	51.63	51.39	51.15	50.91	50.66	50.42	50.18	49.94	49.70	49.46	49.22	48.99	48.76	48.53	48.31	48.09
PROJECT ELEVATION											51.68	51.88	51.90	51.92	51.94	51.92	51.90	51.88	51.22	50.55									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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

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

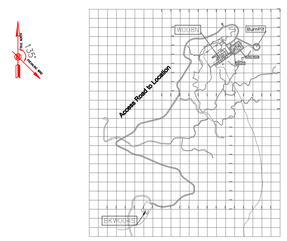
LEGEND

	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION	
B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
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 W008N 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
W008N WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD-CROSS SECTIONS

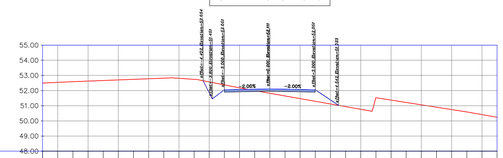
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	37 OF 75	D00

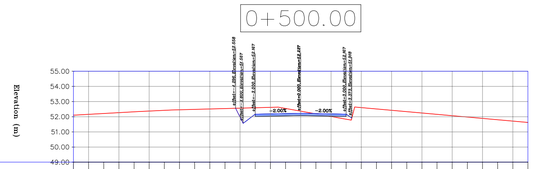
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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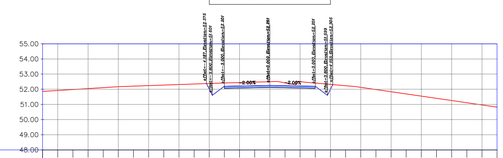
NATURAL GROUND ELEVATION	52.54	52.59	52.62	52.66	52.70	52.74	52.78	52.82	52.81	52.75	52.57	52.37	52.18	52.00	51.82	51.65	51.47	51.30	51.12	50.94	50.77	51.53	51.37	51.21	51.06	50.90	50.74	50.59	50.41
PROJECT ELEVATION											51.85		52.05		52.07		52.09		52.11		52.09		52.07		52.05		51.38		
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+500.00



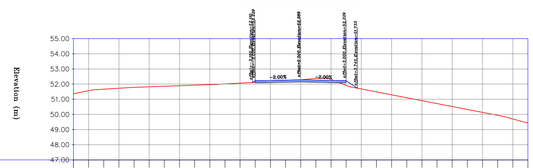
NATURAL GROUND ELEVATION	52.16	52.22	52.27	52.33	52.37	52.42	52.46	52.48	52.51	52.54	52.57	52.59	52.62	52.55	52.37	52.19	52.02	51.84	52.60	52.52	52.43	52.34	52.25	52.16	52.07	51.98	51.89	51.80	51.72
PROJECT ELEVATION											51.97		52.17		52.19		52.21		52.23		52.21		52.19		52.17				
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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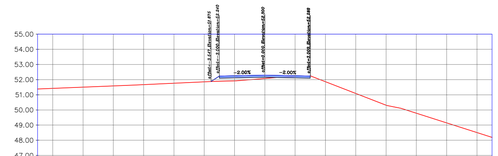
NATURAL GROUND ELEVATION	51.92	51.98	52.04	52.11	52.17	52.21	52.24	52.28	52.31	52.35	52.38	52.41	52.44	52.47	52.50	52.42	52.50	52.41	52.32	52.23	52.12	51.98	51.84	51.69	51.55	51.40	51.26	51.11	50.97
PROJECT ELEVATION											52.00		52.20		52.22		52.24		52.22		52.20		52.22		52.20		52.00		
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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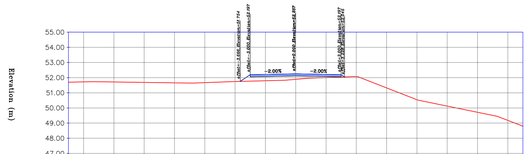
NATURAL GROUND ELEVATION	51.56	51.66	51.73	51.79	51.82	51.86	51.89	51.93	51.97	52.01	52.07	52.12	52.17	52.22	52.29	52.37	52.30	51.92	51.68	51.49	51.30	51.10	50.91	50.72	50.52	50.33	50.14	49.94	49.70
PROJECT ELEVATION												52.23		52.25		52.27		52.29		52.27		52.25		52.23					
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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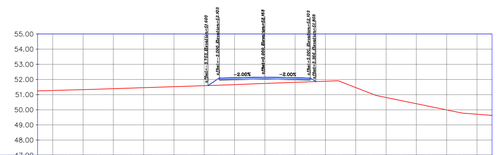
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PROJECT ELEVATION												52.24		52.26		52.28		52.30		52.28		52.26		52.24					
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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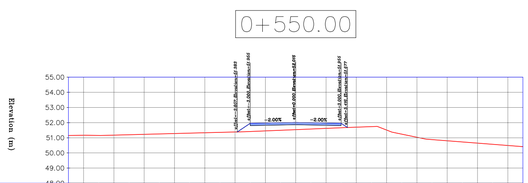
NATURAL GROUND ELEVATION	51.72	51.73	51.71	51.70	51.69	51.67	51.66	51.64	51.67	51.71	51.75	51.77	51.80	51.82	51.89	51.97	52.00	52.04	52.07	51.71	51.32	50.93	50.54	50.33	50.12	49.92	49.72	49.51	49.18
PROJECT ELEVATION												52.20		52.22		52.24		52.26		52.24		52.22		52.20					
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+540.00



NATURAL GROUND ELEVATION	51.27	51.30	51.33	51.36	51.39	51.43	51.46	51.49	51.53	51.56	51.59	51.63	51.66	51.70	51.73	51.78	51.81	51.85	51.88	51.85	51.46	51.07	50.81	50.60	50.40	50.19	49.99	49.78	49.71
PROJECT ELEVATION												52.10		52.12		52.14		52.16		52.14		52.12		52.10					
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+550.00



NATURAL GROUND ELEVATION	51.17	51.16	51.18	51.20	51.23	51.26	51.28	51.31	51.33	51.36	51.38	51.41	51.45	51.49	51.53	51.58	51.62	51.66	51.70	51.73	51.51	51.24	51.03	50.88	50.80	50.72	50.65	50.57	50.49
PROJECT ELEVATION												51.95		51.97		51.99		52.01		51.99		51.97		51.95					
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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

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

LEGEND

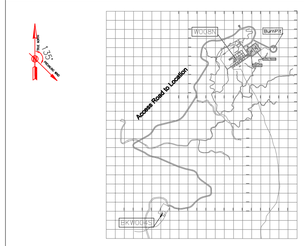
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

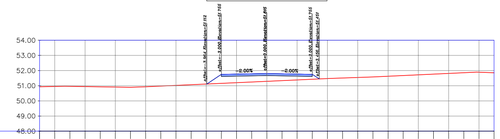
ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN

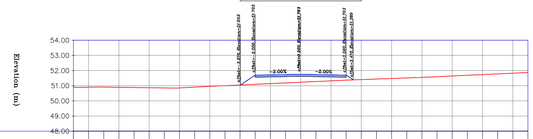


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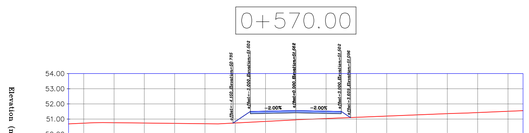
NATURAL GROUND ELEVATION	50.95	50.96	50.94	50.93	50.91	50.90	50.93	50.97	51.02	51.06	51.11	51.16	51.20	51.23	51.29	51.34	51.38	51.43	51.48	51.51	51.55	51.58	51.63	51.67	51.72	51.77	51.81	51.86	51.89
PROJECT ELEVATION											51.75	51.77		51.79		51.81	51.79	51.77	51.75										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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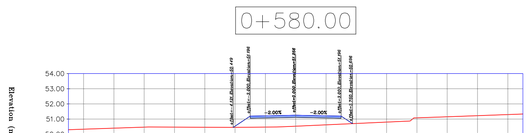
NATURAL GROUND ELEVATION	50.90	50.91	50.90	50.88	50.87	50.86	50.86	50.91	50.96	50.96	51.00	51.05	51.10	51.14	51.19	51.23	51.28	51.33	51.37	51.41	51.44	51.48	51.51	51.55	51.59	51.64	51.69	51.73	51.78	51.83
PROJECT ELEVATION											51.70		51.72		51.74		51.76		51.74		51.72		51.70						
DIST. (m)	-13.99	-13.00	-11.99	-11.00	-9.99	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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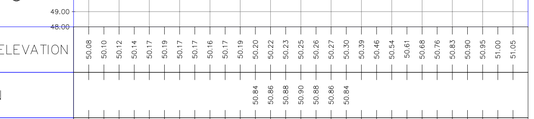
NATURAL GROUND ELEVATION	50.73	50.76	50.76	50.75	50.74	50.72	50.71	50.70	50.69	50.69	50.74	50.79	50.85	50.90	50.95	50.99	51.03	51.07	51.11	51.15	51.19	51.23	51.27	51.31	51.35	51.39	51.43	51.47	51.51
PROJECT ELEVATION											50.84	50.50	51.52	51.54	51.56	51.54	51.52	51.50											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+580.00



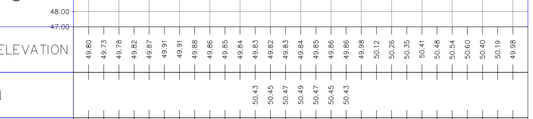
NATURAL GROUND ELEVATION	50.33	50.36	50.40	50.43	50.47	50.47	50.46	50.46	50.45	50.45	50.46	50.47	50.48	50.53	50.57	50.62	50.66	50.71	50.75	50.80	50.84	51.08	51.11	51.15	51.19	51.22	51.26	51.30	
PROJECT ELEVATION											50.53	51.20	51.22	51.24	51.26	51.24	51.22	51.20											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+590.00



NATURAL GROUND ELEVATION	50.08	50.10	50.12	50.14	50.17	50.19	50.17	50.17	50.16	50.17	50.19	50.20	50.23	50.23	50.25	50.26	50.27	50.30	50.39	50.46	50.54	50.61	50.68	50.76	50.83	50.90	50.95	51.00	51.05
PROJECT ELEVATION											50.84	50.86	50.86	50.88	50.90	50.88	50.86	50.84											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+600.00



NATURAL GROUND ELEVATION	49.80	49.73	49.78	49.82	49.87	49.91	49.88	49.86	49.85	49.84	49.83	49.82	49.83	49.84	49.83	49.85	49.86	49.86	49.98	50.12	50.26	50.35	50.41	50.48	50.54	50.60	50.40	50.19	49.98
PROJECT ELEVATION											50.43	50.45	50.47	50.49	50.47	50.45	50.43												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+610.00



NATURAL GROUND ELEVATION	49.48	49.52	49.57	49.61	49.66	49.67	49.63	49.60	49.57	49.55	49.51	49.49	49.48	49.46	49.44	49.42	49.43	49.48	49.62	49.76	49.81	49.71	49.61	49.50	49.40	49.30	49.20	49.09	
PROJECT ELEVATION											49.96	49.98	50.00	50.02	50.00	49.98	49.96												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+620.00



NATURAL GROUND ELEVATION	49.34	49.36	49.38	49.40	49.42	49.39	49.37	49.35	49.31	49.25	49.20	49.15	49.10	49.04	48.99	48.94	48.89	48.92	48.98	49.07	49.15	49.08	49.00	48.93	48.85	48.78	48.71	48.65	48.61
PROJECT ELEVATION											49.45	49.47	49.49	49.51	49.49	49.47	49.45												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

NOTES

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VERTICAL DATUM: MEAN SEA LEVEL
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- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
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6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.
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8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

LEGEND

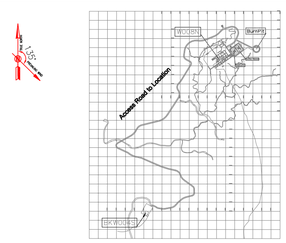
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
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 W008N 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
W008N WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD-CROSS SECTIONS

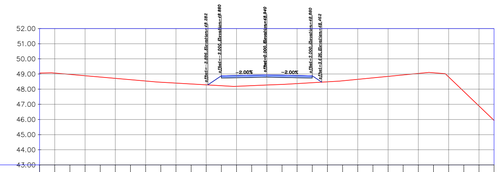
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DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

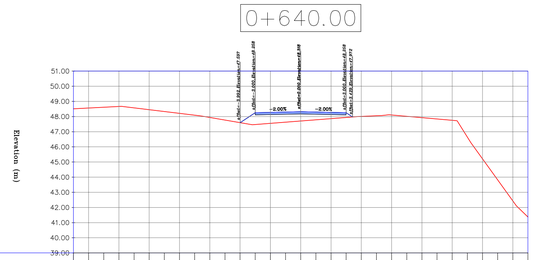
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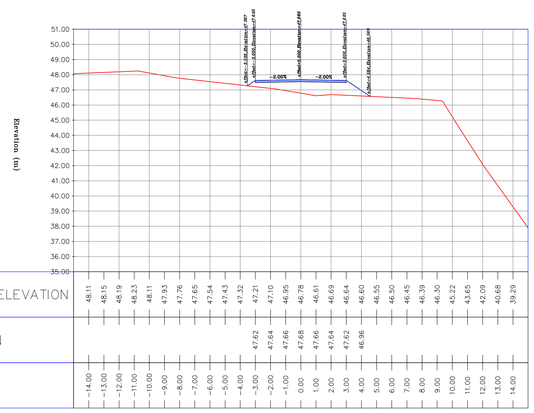
NATURAL GROUND ELEVATION	49.06	48.97	48.89	48.80	48.71	48.63	48.54	48.46	48.40	48.35	48.29	48.23	48.19	48.23	48.27	48.31	48.37	48.43	48.48	48.55	48.65	48.74	48.84	48.94	49.04	49.08	48.81	47.85	46.89
PROJECT ELEVATION												48.88	48.90	48.92	48.94	48.92	48.92	48.90	48.88										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+640.00



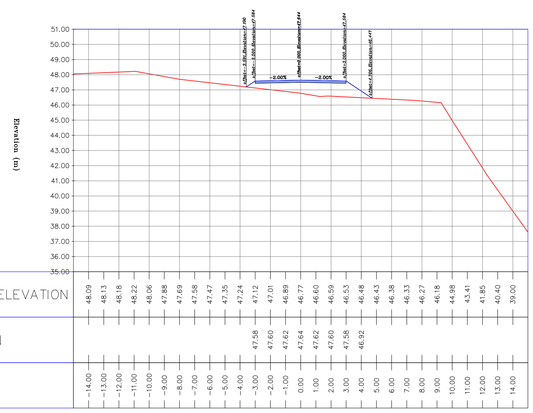
NATURAL GROUND ELEVATION	48.56	48.62	48.67	48.58	48.45	48.33	48.21	48.09	47.94	47.77	47.60	47.48	47.55	47.63	47.71	47.78	47.86	47.94	48.01	48.05	48.10	48.01	47.93	47.84	47.76	45.64	45.20	43.82	42.43
PROJECT ELEVATION												48.26	48.28	48.30	48.32	48.30	48.28	48.26											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+649.42



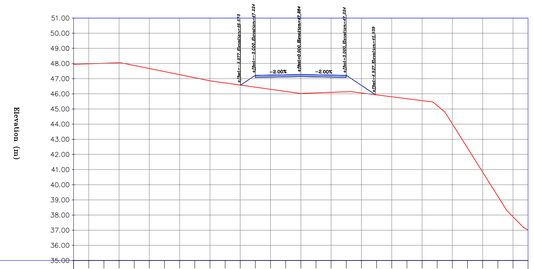
NATURAL GROUND ELEVATION	48.11	48.15	48.19	48.23	48.11	47.93	47.76	47.65	47.54	47.43	47.32	47.21	47.10	46.95	46.78	46.61	46.69	46.64	46.60	46.55	46.50	46.45	46.39	46.30	45.22	43.65	42.09	40.68	39.29
PROJECT ELEVATION													47.62	47.64	47.66	47.68	47.66	47.64	47.62	46.96									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+650.00



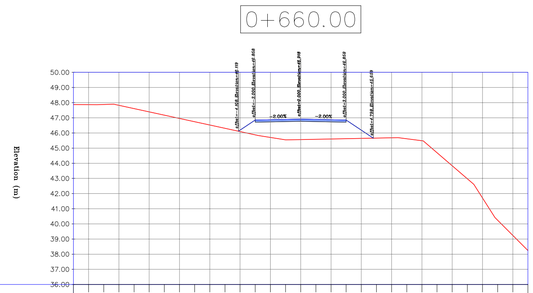
NATURAL GROUND ELEVATION	48.09	48.13	48.18	48.22	48.06	47.88	47.69	47.58	47.47	47.35	47.24	47.12	47.01	46.89	46.77	46.60	46.59	46.53	46.48	46.43	46.38	46.33	46.27	46.18	44.98	43.41	41.85	40.40	39.00
PROJECT ELEVATION													47.58	47.60	47.62	47.64	47.62	47.60	47.58	46.92									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+655.05



NATURAL GROUND ELEVATION	47.98	48.01	48.05	47.87	47.66	47.46	47.26	47.06	46.86	46.72	46.58	46.44	46.30	46.16	46.03	46.06	46.10	46.13	46.06	45.93	45.80	45.68	45.55	45.22	44.02	42.43	40.84	39.25	37.89
PROJECT ELEVATION												47.22	47.24	47.26	47.28	47.26	47.24	47.22	46.56										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+660.00



NATURAL GROUND ELEVATION	47.87	47.88	47.82	47.61	47.39	47.17	46.96	46.74	46.53	46.31	46.10	45.88	45.71	45.55	45.56	45.58	45.60	45.62	45.64	45.66	45.68	45.62	45.49	44.70	43.84	42.98	41.72	40.25	39.25
PROJECT ELEVATION											46.19	46.86	46.88	46.90	46.92	46.90	46.88	46.86	46.19										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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:	MEAN SEA LEVEL

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

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

6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.

7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

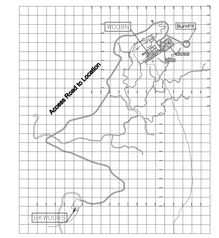
LEGEND

	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION	
B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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
W008N WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD-CROSS SECTIONS

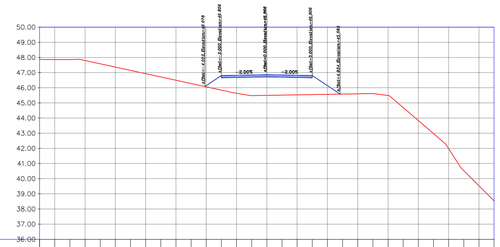
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
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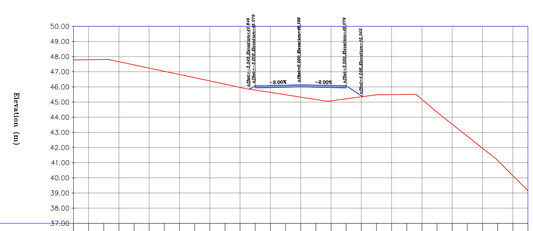
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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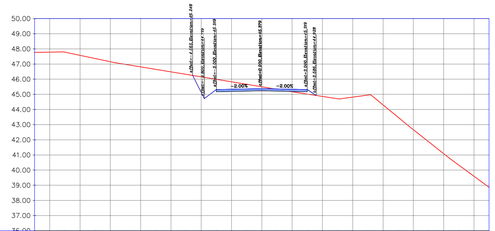
NATURAL GROUND ELEVATION	47.86	47.86	47.80	47.58	47.36	47.14	46.93	46.71	46.49	46.28	46.06	45.84	45.63	45.48	45.50	45.52	45.53	45.55	45.57	45.59	45.60	45.62	45.49	44.70	43.84	42.98	41.98	40.53	39.53	
PROJECT ELEVATION											46.14	46.81	46.83	46.85	46.87	46.85	46.83	46.81	46.14												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

0+670.00



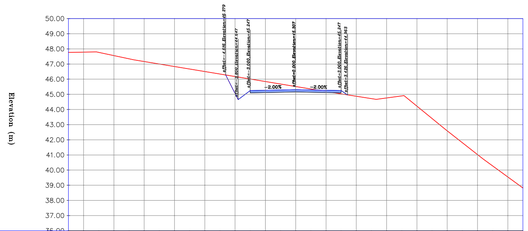
NATURAL GROUND ELEVATION	47.80	47.81	47.67	47.45	47.24	47.03	46.82	46.61	46.40	46.18	45.96	45.79	45.64	45.48	45.33	45.17	45.08	45.21	45.34	45.48	45.49	45.50	45.18	44.33	43.54	42.75	41.96	41.14	40.15	
PROJECT ELEVATION												46.08	46.10	46.12	46.14	46.12	46.10	46.08	45.41											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

0+679.16



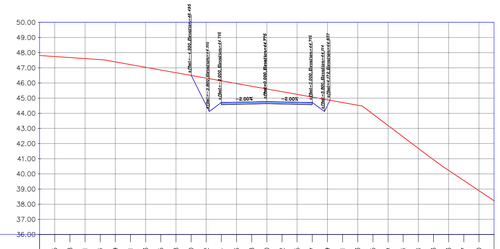
NATURAL GROUND ELEVATION	47.79	47.78	47.57	47.36	47.15	46.97	46.81	46.65	46.48	46.32	46.16	45.99	45.83	45.66	45.50	45.34	45.17	45.02	44.86	44.71	44.82	44.95	44.30	43.48	42.67	41.88	41.09	40.33	39.60	
PROJECT ELEVATION											45.12	45.32	45.34	45.36	45.38	45.36	45.34	45.32												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

0+680.00



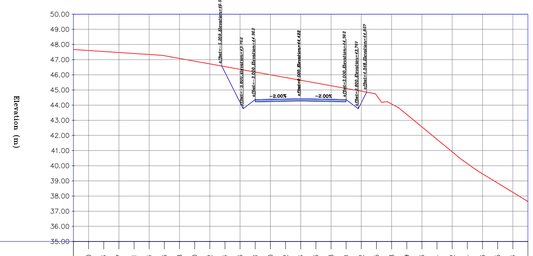
NATURAL GROUND ELEVATION	47.78	47.77	47.56	47.34	47.17	47.00	46.84	46.67	46.51	46.34	46.18	46.01	45.85	45.68	45.52	45.35	45.19	45.03	44.87	44.72	44.76	44.90	44.22	43.41	42.59	41.81	41.02	40.28	39.55	
PROJECT ELEVATION											45.05	45.25	45.27	45.29	45.31	45.29	45.27	45.25												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

0+686.08



NATURAL GROUND ELEVATION	47.75	47.68	47.61	47.54	47.39	47.21	47.03	46.85	46.68	46.50	46.32	46.14	45.96	45.78	45.60	45.42	45.25	45.07	44.89	44.71	44.53	43.95	43.19	42.44	41.68	40.93	40.23	39.57	38.90	
PROJECT ELEVATION											44.52	44.72	44.74	44.76	44.78	44.76	44.74	44.72	44.51											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

0+690.00



NATURAL GROUND ELEVATION	47.60	47.54	47.47	47.41	47.34	47.26	47.08	46.90	46.72	46.54	46.36	46.18	46.00	45.82	45.64	45.46	45.28	45.10	44.92	44.65	44.08	43.39	42.56	41.74	40.92	40.14	39.46	38.85	38.24	
PROJECT ELEVATION											46.16	44.16	44.36	44.38	44.40	44.42	44.40	44.38	44.36	44.16										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

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

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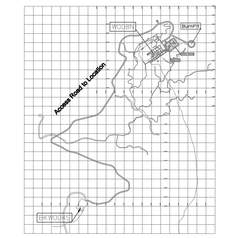
LEGEND

	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
x x	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION	
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E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
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 W008N 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 -W008N ACCESS ROAD-CROSS SECTIONS

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

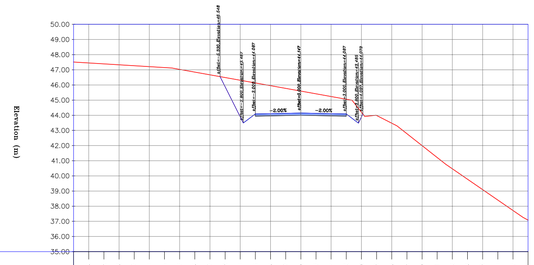
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	41 OF 75	D00

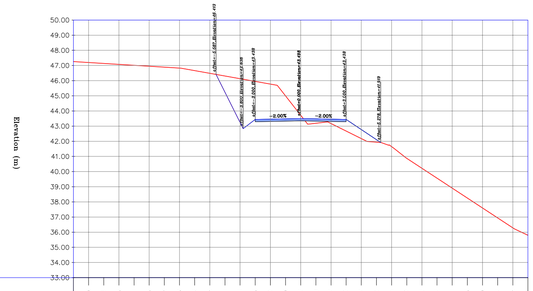
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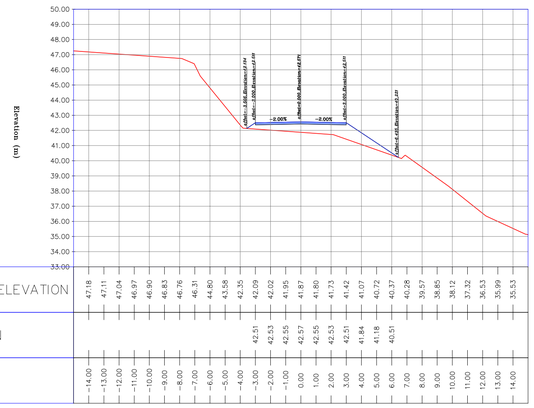
NATURAL GROUND ELEVATION	47.45	47.39	47.33	47.27	47.21	47.15	47.02	46.85	46.67	46.49	46.31	46.13	45.95	45.77	45.60	45.42	45.24	45.06	44.20	43.99	43.48	42.79	42.00	41.21	40.46	39.78	39.09	38.41	37.72
PROJECT ELEVATION										45.89	43.89	44.09	44.11	44.13	44.15	44.13	44.11	44.09	43.89										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+700.00



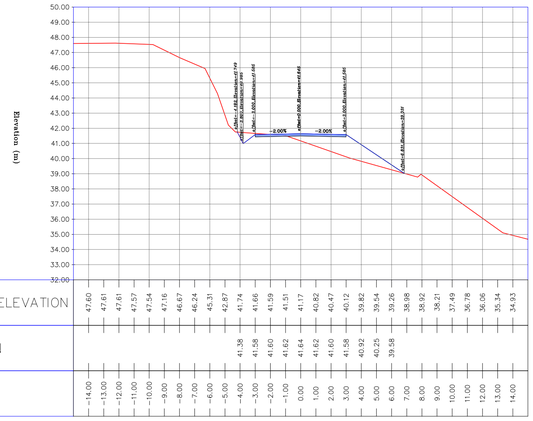
NATURAL GROUND ELEVATION	47.20	47.14	47.08	47.01	46.95	46.89	46.83	46.66	46.49	46.31	46.13	45.95	45.77	45.77	45.00	43.72	43.19	43.17	42.67	42.17	41.94	41.65	40.87	40.22	39.56	38.91	38.25	37.60	36.94	36.29
PROJECT ELEVATION										45.24	43.24	43.44	43.46	43.48	43.48	43.50	43.48	43.48	43.46	43.44	42.77	42.10								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

0+710.00



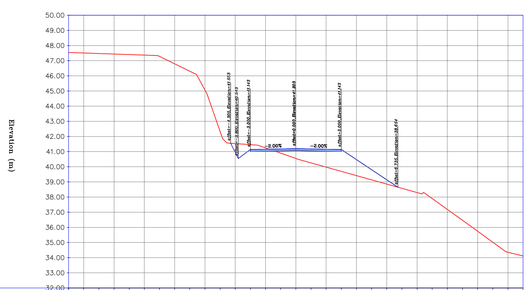
NATURAL GROUND ELEVATION	47.18	47.11	47.04	46.97	46.90	46.83	46.76	46.31	44.80	43.58	42.35	42.09	42.02	41.95	41.87	41.80	41.73	41.42	41.07	40.72	40.37	40.28	39.57	38.85	38.12	37.32	36.53	35.99	35.53
PROJECT ELEVATION												42.51	42.53	42.55	42.57	42.55	42.53	42.51	41.84	41.18	40.51								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

0+720.00



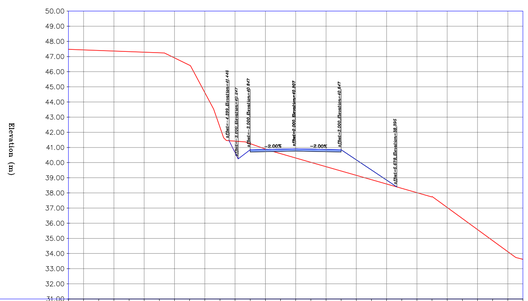
NATURAL GROUND ELEVATION	47.60	47.61	47.61	47.57	47.54	47.16	46.67	46.24	45.31	42.87	41.74	41.66	41.59	41.51	41.17	40.82	40.47	40.12	39.82	39.54	39.26	38.98	38.92	38.21	37.49	36.78	36.06	35.34	34.93
PROJECT ELEVATION												41.38	41.58	41.60	41.62	41.64	41.62	41.60	41.58	40.92	40.25	39.58							
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

0+724.76



NATURAL GROUND ELEVATION	47.51	47.47	47.44	47.40	47.37	47.28	46.79	46.30	45.06	42.34	41.53	41.46	41.24	40.89	40.55	40.26	39.98	39.70	39.42	39.14	38.86	38.58	38.30	37.90	37.18	36.47	35.74	35.02	34.36
PROJECT ELEVATION											40.94	41.14	41.16	41.18	41.20	41.18	41.16	41.14	40.48	39.81	39.14								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

0+727.96



NATURAL GROUND ELEVATION	47.44	47.40	47.36	47.32	47.28	47.25	46.91	46.42	44.63	42.34	41.42	41.25	40.89	40.59	40.30	40.02	39.73	39.45	39.16	38.87	38.59	38.30	38.02	37.76	37.63	36.31	35.58	34.85	34.12
PROJECT ELEVATION												40.65	40.85	40.87	40.89	40.89	40.91	40.89	40.87	40.85	40.18	39.51	38.85						
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

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:	MEAN SEA LEVEL

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

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

6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.

7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

LEGEND

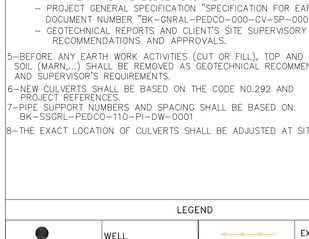
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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 -W008N ACCESS ROAD-CROSS SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	42 OF 75	D00

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

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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

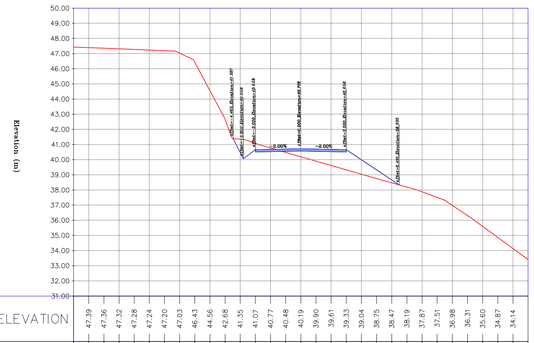
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

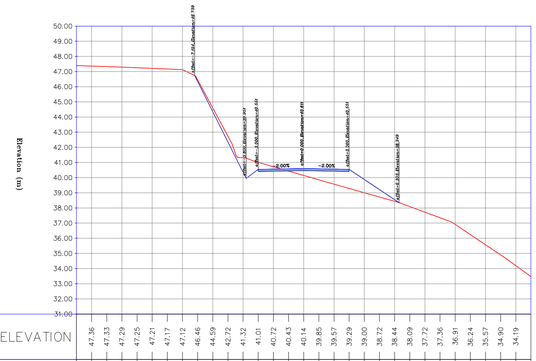
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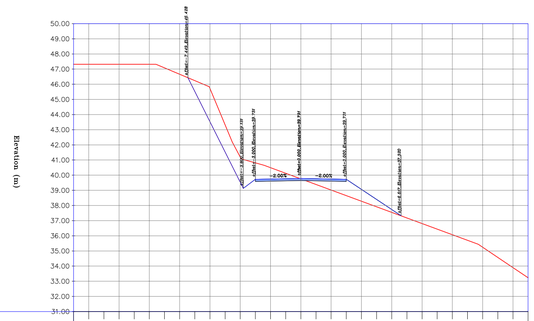
NATURAL GROUND ELEVATION	47.39	47.36	47.32	47.28	47.24	47.20	47.03	46.43	44.56	42.68	41.55	41.07	40.77	40.48	40.19	39.90	39.61	39.33	39.04	38.75	38.47	38.19	37.87	37.51	36.98	36.31	35.60	34.87	34.14
PROJECT ELEVATION											40.46	40.66	40.68	40.70	40.72	40.70	40.68	40.66	39.99	39.32	38.66								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+731.15



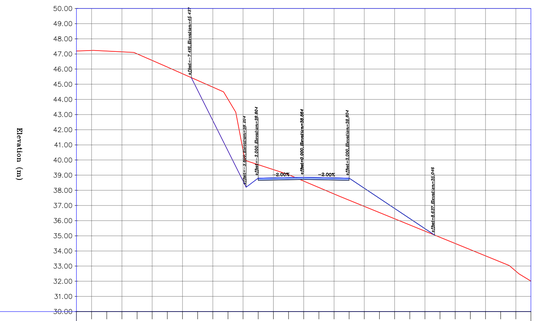
NATURAL GROUND ELEVATION	47.36	47.33	47.29	47.25	47.21	47.17	47.12	46.46	44.59	42.72	41.32	41.01	40.72	40.43	40.14	39.85	39.57	39.29	39.00	38.72	38.44	38.09	37.72	37.36	36.91	36.24	35.57	34.90	34.19
PROJECT ELEVATION								46.35	44.35	42.35	40.35	40.55	40.57	40.59	40.61	40.59	40.57	40.55	39.88	39.22	38.55								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+740.00



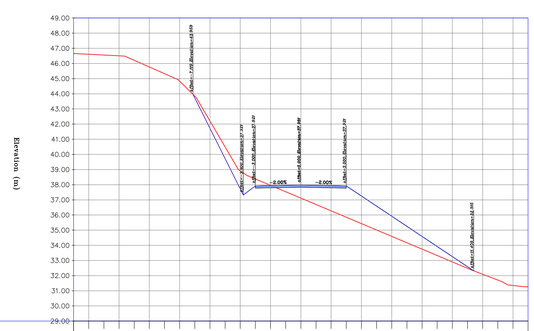
NATURAL GROUND ELEVATION	47.32	47.32	47.32	47.32	47.32	47.08	46.66	46.24	45.73	43.33	41.20	40.81	40.49	40.13	39.76	39.39	39.02	38.65	38.28	37.92	37.55	37.18	36.81	36.44	36.07	35.71	35.25	34.58	33.90
PROJECT ELEVATION								45.53	43.53	41.53	39.53	39.73	39.75	39.77	39.79	39.77	39.75	39.73	39.06	38.40	37.73								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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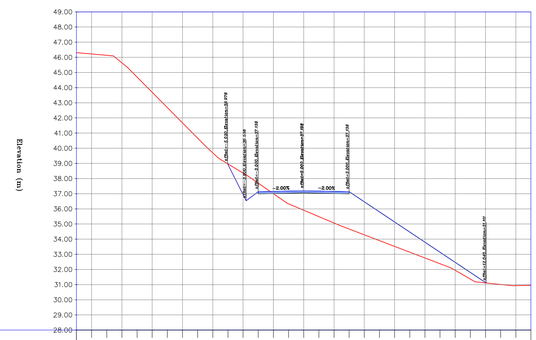
NATURAL GROUND ELEVATION	47.23	47.19	47.14	47.01	46.57	46.13	45.69	45.25	44.81	44.22	40.61	39.69	39.37	39.04	38.61	38.19	37.76	37.35	36.94	36.53	36.12	35.71	35.31	34.90	34.49	34.08	33.67	33.27	32.67
PROJECT ELEVATION								44.60	42.60	40.60	38.60	38.80	38.82	38.84	38.86	38.84	38.82	38.80	38.14	37.47	36.80	36.14	35.47						
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+760.00



NATURAL GROUND ELEVATION	46.61	46.56	46.51	46.21	45.77	45.33	44.84	43.84	42.20	40.50	38.92	38.38	37.96	37.54	37.11	36.69	36.27	35.85	35.43	35.01	34.59	34.17	33.75	33.32	32.90	32.48	32.09	31.71	31.35
PROJECT ELEVATION								43.72	41.72	39.72	37.72	37.92	37.94	37.96	37.98	37.94	37.92	37.25	36.59	35.92	35.25	34.59	33.92	33.25	32.59				
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+770.00



NATURAL GROUND ELEVATION	46.22	46.14	45.64	44.70	43.69	42.68	41.67	40.66	39.69	38.94	38.36	37.69	37.00	36.33	35.91	35.49	35.07	34.67	34.29	33.91	33.52	33.14	32.76	32.38	31.94	31.37	31.12	31.01	30.93
PROJECT ELEVATION										38.94	36.94	37.14	37.16	37.18	37.20	37.18	37.16	37.14	36.47	35.80	35.14	34.47	33.80	33.14	32.47	31.80	31.14		
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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

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

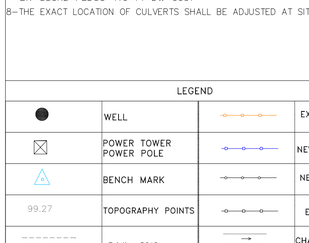
LEGEND

	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
x x	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION	
B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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 -W008N
ACCESS ROAD-CROSS SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	43 OF 75	D00

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

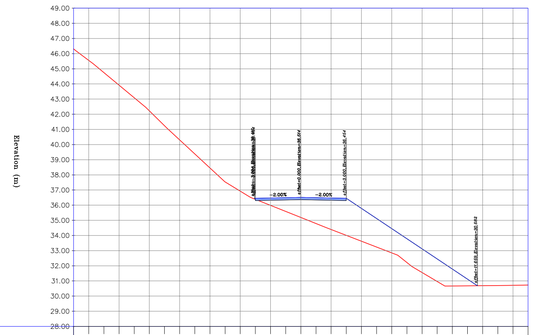
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

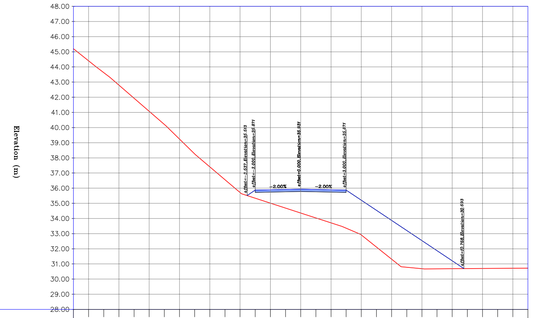
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053-073-9184	F	4	S	707864	43	D00

0+780.00



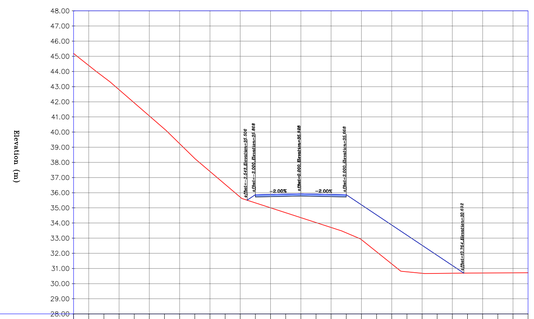
NATURAL GROUND ELEVATION	45.55	44.74	43.92	43.09	42.23	41.25	40.31	39.38	38.46	37.54	36.93	36.39	35.99	35.59	35.19	34.78	34.39	34.01	33.62	33.24	32.85	32.22	31.56	30.96	30.67	30.68	30.68	30.71
PROJECT ELEVATION											36.45	36.47	36.49	36.51	36.49	36.47	36.45	35.79	35.12	34.45	33.79	33.12	32.45	31.79	31.12			
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+790.00



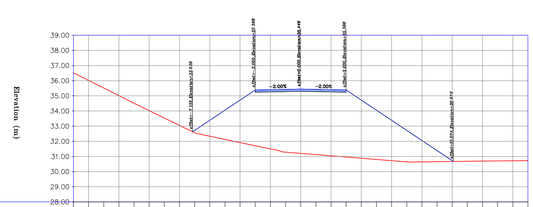
NATURAL GROUND ELEVATION	44.40	43.63	42.81	41.94	41.07	40.21	39.24	38.26	37.41	36.56	35.71	35.34	35.01	34.69	34.36	34.04	33.71	33.36	32.91	32.11	31.32	30.78	30.68	30.68	30.69	30.70	30.71	30.71
PROJECT ELEVATION											35.87	35.89	35.91	35.93	35.91	35.91	35.89	35.87	35.20	34.54	33.87	33.20	32.54	31.87	31.20			
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	5.99	7.00	7.98	9.00	9.97	11.00	11.93	13.00	13.81

0+790.06



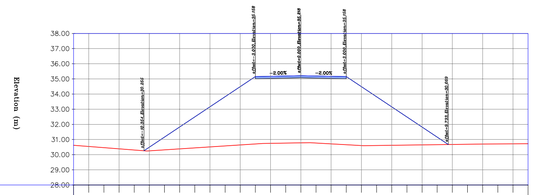
NATURAL GROUND ELEVATION	44.40	43.62	42.80	41.93	41.07	40.20	39.23	38.25	37.40	36.55	35.71	35.33	35.00	34.68	34.35	34.03	33.70	33.35	32.90	32.10	31.30	30.78	30.68	30.68	30.69	30.70	30.71	30.71
PROJECT ELEVATION											35.87	35.89	35.91	35.93	35.91	35.91	35.89	35.87	35.20	34.53	33.87	33.20	32.53	31.87	31.20			
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	3.99	5.00	5.99	7.00	7.97	9.00	9.96	11.00	11.92	13.00	13.78

0+800.00



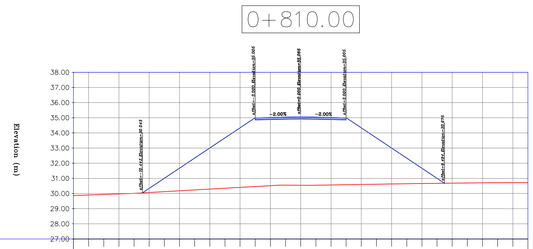
NATURAL GROUND ELEVATION	36.02	35.52	35.01	34.51	34.02	33.54	33.05	32.56	32.53	32.12	31.92	31.71	31.50	31.28	31.20	31.12	31.04	30.96	30.88	30.80	30.72	30.64	30.66	30.67	30.68	30.70	30.71	30.71
PROJECT ELEVATION								33.72	33.39	34.05	34.72	35.39	35.41	35.43	35.45	35.43	35.41	35.39	34.72	34.05	33.39	32.72	32.05	31.39	30.72			
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+805.68



NATURAL GROUND ELEVATION	30.54	30.46	30.39	30.31	30.25	30.32	30.38	30.45	30.51	30.58	30.64	30.71	30.75	30.76	30.78	30.77	30.71	30.66	30.60	30.61	30.62	30.63	30.65	30.66	30.67	30.69	30.70	30.71
PROJECT ELEVATION					30.49	31.16	31.82	32.49	33.16	33.82	34.49	35.16	35.18	35.20	35.22	35.20	35.18	35.16	34.49	33.82	33.16	32.49	31.82	31.16				
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+810.00



NATURAL GROUND ELEVATION	29.90	29.94	29.97	30.01	30.07	30.12	30.18	30.24	30.29	30.35	30.40	30.46	30.52	30.55	30.55	30.55	30.56	30.58	30.60	30.61	30.63	30.64	30.66	30.67	30.68	30.69	30.70	30.72
PROJECT ELEVATION					30.34	31.00	31.67	32.34	33.00	33.67	34.34	35.00	35.02	35.04	35.06	35.04	35.02	35.00	34.34	33.67	33.00	32.34	31.67	31.00				
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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:	MEAN SEA LEVEL

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

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

6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.

7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

LEGEND

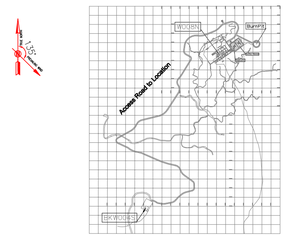
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DATE	DESCRIPTION	BY	CHECKED	BY	APPR.
***	**********		**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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 -W008N
ACCESS ROAD-CROSS SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	44 OF 75	D00

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

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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

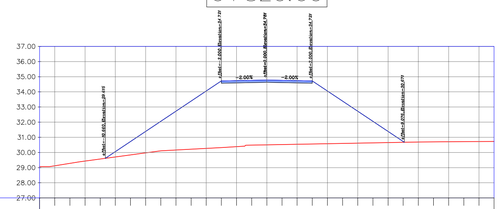
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

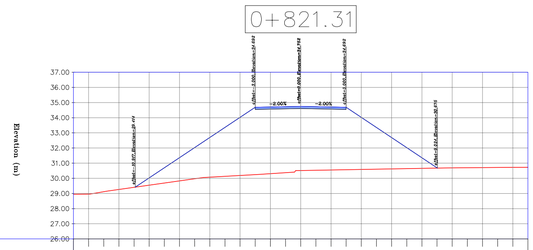
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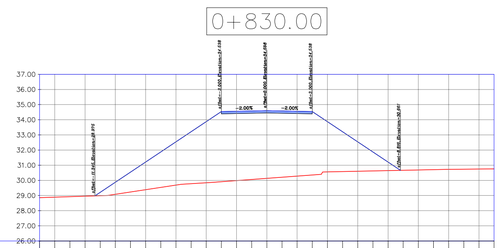
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PROJECT ELEVATION					30.05	30.72	31.39	32.05	32.72	33.39	34.05	34.72	34.74	34.76	34.78	34.76	34.76	34.74	34.72	34.05	33.39	32.72	32.05	31.39	30.72				
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	9.94	11.00	11.87	13.00	13.80

0+821.31



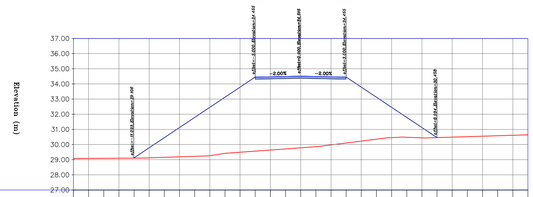
NATURAL GROUND ELEVATION	28.96	29.11	29.26	29.40	29.54	29.69	29.83	29.97	30.07	30.13	30.18	30.24	30.30	30.37	30.52	30.53	30.55	30.57	30.59	30.60	30.62	30.64	30.66	30.67	30.69	30.70	30.71	30.72	30.72
PROJECT ELEVATION					30.02	30.69	31.36	32.02	32.69	33.36	34.02	34.69	34.71	34.73	34.75	34.73	34.71	34.69	34.02	33.36	32.69	32.02	31.36	30.69					
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	1.00	1.97	3.00	3.93	5.00	5.90	7.00	7.87	9.00	9.84	11.00	11.80	13.00	13.77

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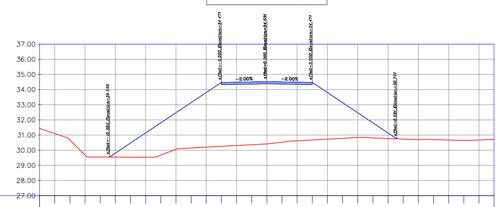
NATURAL GROUND ELEVATION	28.89	28.92	28.95	28.99	29.08	29.23	29.38	29.53	29.69	29.78	29.84	29.91	29.99	30.06	30.13	30.21	30.28	30.36	30.56	30.58	30.60	30.62	30.64	30.66	30.69	30.71	30.73	30.74	30.74
PROJECT ELEVATION					29.20	29.87	30.54	31.20	31.87	32.54	33.20	33.87	34.54	34.56	34.58	34.60	34.58	34.56	34.54	33.87	33.20	32.54	31.87	31.20					
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+840.00



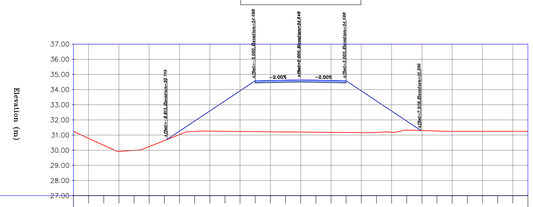
NATURAL GROUND ELEVATION	29.09	29.09	29.10	29.11	29.13	29.16	29.19	29.22	29.27	29.42	29.49	29.56	29.64	29.71	29.79	29.86	29.97	30.10	30.23	30.35	30.46	30.48	30.44	30.46	30.49	30.52	30.55	30.58	30.61
PROJECT ELEVATION				29.12	29.79	30.45	31.12	31.79	32.45	33.12	33.79	34.45	34.47	34.49	34.51	34.49	34.47	34.45	33.79	33.12	32.45	31.79	31.12						
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+850.00



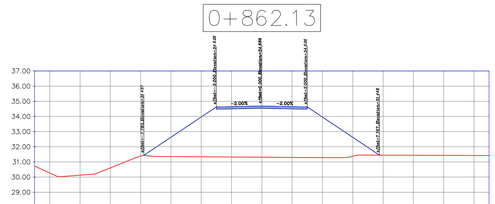
NATURAL GROUND ELEVATION	31.10	30.67	29.68	29.55	29.54	29.54	29.68	30.06	30.15	30.20	30.25	30.31	30.36	30.41	30.53	30.62	30.68	30.73	30.79	30.84	30.81	30.77	30.73	30.69	30.70	30.67	30.64	30.67	
PROJECT ELEVATION					29.80	30.47	31.14	31.80	32.47	33.14	33.80	34.47	34.49	34.51	34.53	34.51	34.49	34.47	33.80	33.14	32.47	31.80	31.14						
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+860.00



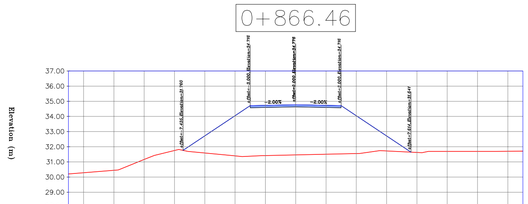
NATURAL GROUND ELEVATION	30.78	30.32	29.92	29.99	30.24	30.64	31.03	31.24	31.26	31.25	31.24	31.23	31.22	31.21	31.20	31.19	31.18	31.17	31.16	31.17	31.19	31.33	31.29	31.26	31.24	31.24	31.25	31.25	31.25
PROJECT ELEVATION					31.25	31.92	32.59	33.25	33.92	34.59	34.61	34.63	34.65	34.63	34.61	34.59	33.92	33.26	32.59	31.92									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+862.13



NATURAL GROUND ELEVATION	30.26	30.05	30.12	30.21	30.60	31.00	31.39	31.35	31.35	31.34	31.33	31.33	31.32	31.32	31.31	31.30	31.30	31.29	31.28	31.28	31.37	31.45	31.45	31.44	31.44	31.43	31.43	31.42	
PROJECT ELEVATION							31.96	32.63	33.29	33.96	34.63	34.65	34.67	34.69	34.67	34.65	34.63	34.63	33.96	33.29	32.63	31.96							
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+866.46



NATURAL GROUND ELEVATION	30.28	30.36	30.44	30.76	31.16	31.51	31.75	31.69	31.59	31.49	31.40	31.37	31.41	31.44	31.46	31.48	31.51	31.53	31.55	31.66	31.72	31.67	31.62	31.69	31.69	31.69	31.69	31.69	31.70
PROJECT ELEVATION							32.05	32.72	33.38	34.05	34.72	34.74	34.76	34.78	34.76	34.74	34.72	34.70	33.38	32.72	32.05								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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:	MEAN SEA LEVEL

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

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

6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.

7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

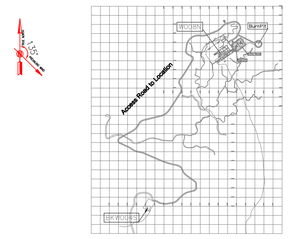
LEGEND

	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PL-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION	
B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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 -W008N ACCESS ROAD-CROSS SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	45 OF 75	D00

اصل و کلیه نسخ این نقشه و حق اقتباس منعلق 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
W008N WELLHEAD FACILITIES

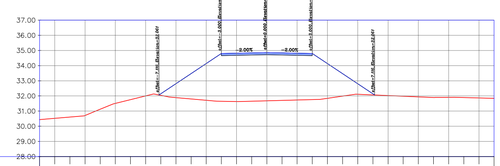
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

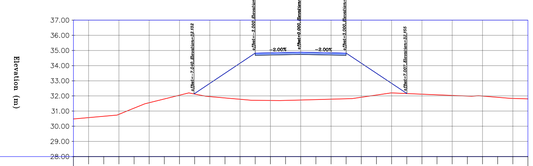
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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0+870.00



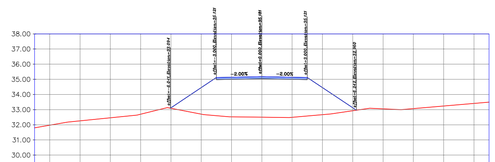
NATURAL GROUND ELEVATION	30.52	30.61	30.71	31.13	31.51	31.75	32.00	32.04	31.89	31.80	31.65	31.63	31.85	31.88	31.71	31.73	31.76	31.84	31.99	32.11	32.07	32.02	31.98	31.94	31.89	31.91	31.89	31.87
PROJECT ELEVATION								32.14	32.80	33.47	34.14	34.80	34.82	34.84	34.86	34.84	34.82	34.80	34.14	33.47	32.80	32.14						
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+870.78



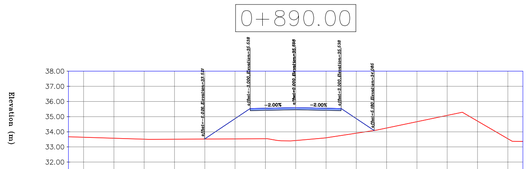
NATURAL GROUND ELEVATION	30.57	30.66	30.78	31.20	31.55	31.80	32.05	32.12	31.96	31.87	31.78	31.71	31.70	31.70	31.73	31.76	31.78	31.81	31.91	32.06	32.20	32.15	32.11	32.07	32.03	31.99	31.99	31.84
PROJECT ELEVATION								32.16	32.83	33.49	34.16	34.83	34.85	34.87	34.89	34.87	34.85	34.83	34.16	33.49	32.83	32.16						
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+880.00



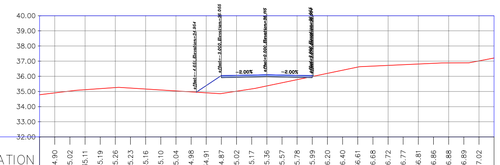
NATURAL GROUND ELEVATION	31.97	32.15	32.26	32.36	32.46	32.56	32.70	32.94	33.09	32.90	32.70	32.60	32.52	32.51	32.50	32.48	32.49	32.58	32.67	32.78	32.92	33.07	33.05	33.01	33.07	33.15	33.24	33.32	33.41
PROJECT ELEVATION								33.12	33.79	34.45	35.12	35.14	35.16	35.18	35.16	35.14	35.12	34.45	33.79	33.12									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+890.00



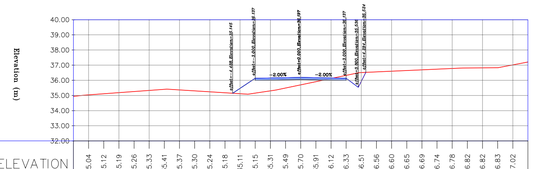
NATURAL GROUND ELEVATION	33.64	33.60	33.57	33.54	33.51	33.50	33.51	33.51	33.52	33.53	33.53	33.54	33.55	33.41	33.43	33.51	33.60	33.76	33.91	34.06	34.25	34.46	34.66	34.87	35.08	35.29	34.70	34.12	33.54
PROJECT ELEVATION								33.54	34.20	34.87	35.54	35.56	35.58	35.60	35.58	35.56	35.54	34.87	34.20										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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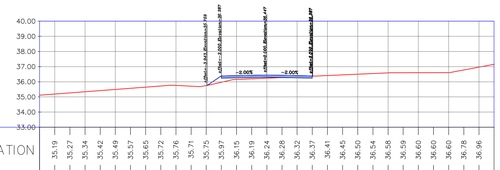
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PROJECT ELEVATION											35.39	36.05	36.07	36.09	36.11	36.09	36.07	36.05										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+901.43



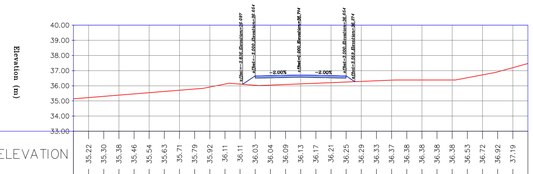
NATURAL GROUND ELEVATION	35.04	35.12	35.19	35.26	35.33	35.41	35.37	35.30	35.24	35.18	35.11	35.15	35.31	35.49	35.70	35.91	36.12	36.33	36.51	36.56	36.60	36.65	36.69	36.74	36.78	36.82	36.82	36.83	37.02
PROJECT ELEVATION											35.47	36.14	36.16	36.18	36.20	36.18	36.16	36.14	35.94										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+905.58



NATURAL GROUND ELEVATION	35.19	35.27	35.34	35.42	35.49	35.57	35.65	35.72	35.76	35.71	35.75	35.97	36.15	36.19	36.24	36.28	36.32	36.37	36.41	36.45	36.50	36.54	36.58	36.59	36.60	36.60	36.60	36.78	36.96
PROJECT ELEVATION											36.39	36.41	36.43	36.45	36.43	36.43	36.41	36.39											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+909.73



NATURAL GROUND ELEVATION	35.22	35.30	35.38	35.46	35.54	35.63	35.71	35.79	35.92	36.11	36.11	36.03	36.04	36.09	36.13	36.17	36.21	36.25	36.29	36.33	36.37	36.38	36.38	36.38	36.38	36.53	36.72	36.92	37.19
PROJECT ELEVATION											36.65	36.67	36.69	36.71	36.69	36.67	36.65												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.

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

3-GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:

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

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

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

6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.

7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

LEGEND

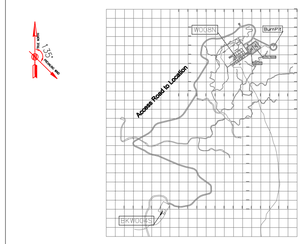
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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
W008N WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD-CROSS SECTIONS

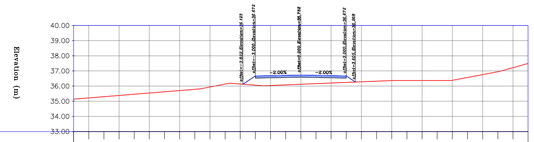
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NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

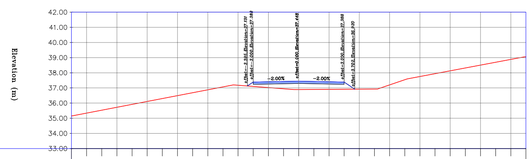
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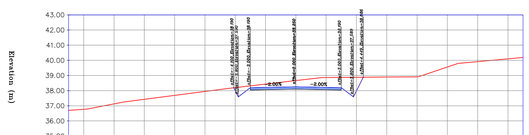
NATURAL GROUND ELEVATION	35.22	35.30	35.38	35.46	35.54	35.62	35.71	35.79	35.94	36.13	36.14	36.06	36.04	36.08	36.12	36.16	36.20	36.24	36.28	36.33	36.37	36.37	36.37	36.37	36.38	36.57	36.76	36.95	37.21
PROJECT ELEVATION											36.67	36.69	36.71	36.73	36.71	36.69	36.67												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+920.00



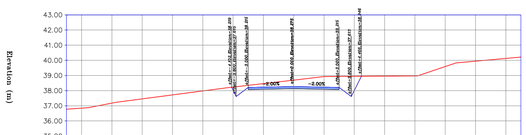
NATURAL GROUND ELEVATION	35.34	35.53	35.72	35.92	36.11	36.30	36.49	36.69	36.88	37.07	37.18	37.10	37.02	36.94	36.89	36.90	36.91	36.91	36.92	36.93	37.20	37.54	37.75	37.94	38.13	38.32	38.51	38.70	38.88
PROJECT ELEVATION											37.39	37.41	37.43	37.45	37.43	37.41	37.39												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+930.00



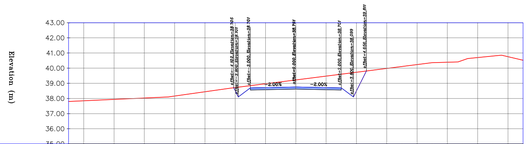
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PROJECT ELEVATION											37.99	38.19	38.21	38.23	38.25	38.23	38.21	37.99											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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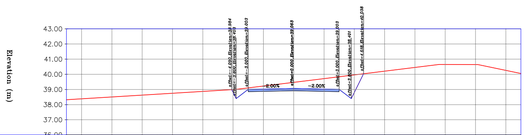
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PROJECT ELEVATION											38.01	38.21	38.23	38.25	38.27	38.25	38.23	38.21	38.01										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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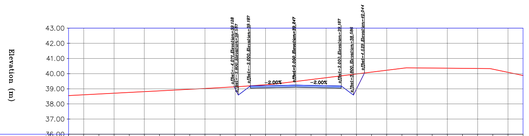
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PROJECT ELEVATION											38.50	38.70	38.72	38.74	38.76	38.74	38.72	38.70	38.50										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+940.00



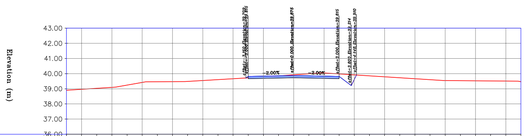
NATURAL GROUND ELEVATION	38.39	38.45	38.51	38.57	38.63	38.69	38.75	38.81	38.87	38.93	38.99	39.10	39.23	39.35	39.47	39.59	39.72	39.84	39.96	40.09	40.21	40.33	40.45	40.58	40.65	40.64	40.64	40.47	40.26
PROJECT ELEVATION											38.80	39.00	39.02	39.04	39.06	39.04	39.02	39.00	38.80										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+942.27



NATURAL GROUND ELEVATION	38.60	38.65	38.70	38.76	38.81	38.86	38.91	38.96	39.02	39.07	39.13	39.20	39.27	39.36	39.49	39.61	39.73	39.86	39.98	40.10	40.23	40.35	40.38	40.37	40.36	40.35	40.34	40.30	40.09
PROJECT ELEVATION											38.99	39.19	39.21	39.23	39.25	39.23	39.21	39.19	38.99										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+950.00



NATURAL GROUND ELEVATION	38.96	39.03	39.10	39.25	39.42	39.46	39.47	39.48	39.54	39.60	39.66	39.72	39.78	39.85	39.92	39.99	40.05	39.98	39.92	39.86	39.79	39.73	39.67	39.60	39.54	39.54	39.53	39.52	39.51
PROJECT ELEVATION											39.82	39.84	39.86	39.88	39.86	39.84	39.82	39.61											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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VERTICAL DATUM:	MEAN SEA LEVEL

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7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001
8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

LEGEND

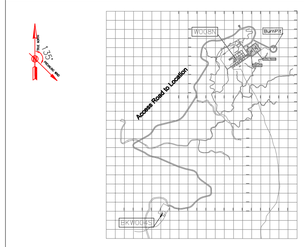
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
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Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
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Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

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LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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
W008N WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD-CROSS SECTIONS

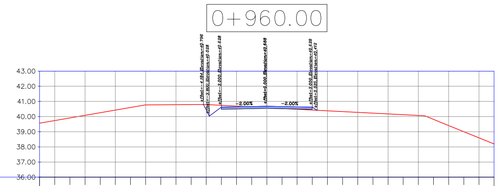
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

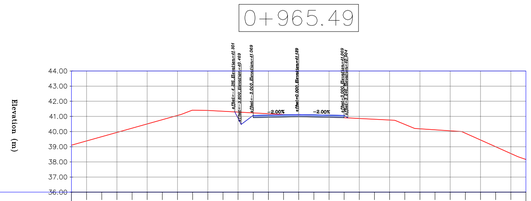
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H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	47 OF 75	D00	053-073-9184	F	4	S	707864	47	D00

0+960.00



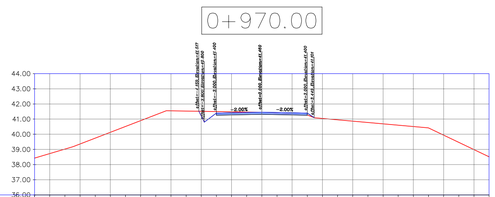
NATURAL GROUND ELEVATION	39.74	39.91	40.08	40.26	40.43	40.60	40.77	40.78	40.79	40.79	40.80	40.74	40.69	40.63	40.58	40.53	40.48	40.43	40.38	40.33	40.28	40.23	40.18	40.13	40.07	39.82	39.41	39.00	38.60
PROJECT ELEVATION					40.43	40.63	40.65	40.67	40.69	40.67	40.65	40.63																	
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+965.49



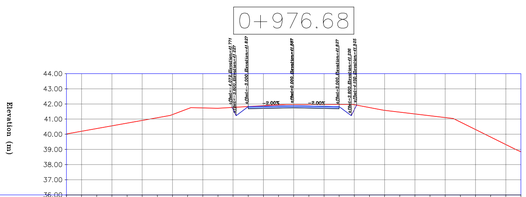
NATURAL GROUND ELEVATION	39.38	39.66	39.94	40.22	40.50	40.78	41.06	41.41	41.40	41.34	41.29	41.24	41.18	41.13	41.07	41.02	40.97	40.92	40.87	40.82	40.77	40.48	40.19	40.12	40.05	39.89	39.45	39.00	38.55
PROJECT ELEVATION											40.87	41.07	41.09	41.11	41.13	41.11	41.09	41.07											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+970.00



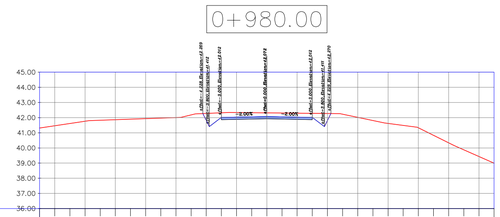
NATURAL GROUND ELEVATION	38.72	39.02	39.35	39.74	40.13	40.51	40.90	41.28	41.55	41.53	41.51	41.50	41.48	41.47	41.45	41.39	41.33	41.26	41.05	40.96	40.87	40.78	40.69	40.60	40.51	40.42	39.94	39.46	38.99
PROJECT ELEVATION											41.20	41.40	41.42	41.44	41.46	41.44	41.42	41.40											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+976.68



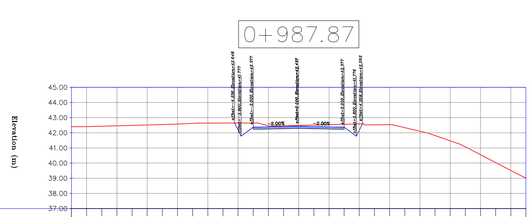
NATURAL GROUND ELEVATION	40.20	40.38	40.56	40.74	40.91	41.09	41.30	41.67	41.74	41.72	41.77	41.83	41.88	41.94	41.97	41.97	41.97	41.97	41.95	41.77	41.58	41.46	41.34	41.22	41.10	40.81	40.31	39.82	39.32
PROJECT ELEVATION											41.63	41.83	41.85	41.87	41.89	41.87	41.85	41.83	41.63										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+980.00



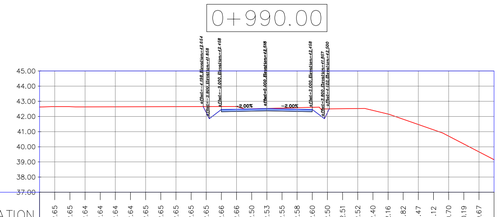
NATURAL GROUND ELEVATION	41.46	41.61	41.76	41.83	41.86	41.90	41.93	41.97	42.01	42.18	42.28	42.32	42.33	42.32	42.31	42.30	42.29	42.28	42.27	42.23	42.02	41.81	41.62	41.49	41.33	40.83	40.34	39.88	39.43
PROJECT ELEVATION											41.81	42.01	42.03	42.05	42.07	42.05	42.03	42.01	41.81										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+987.87



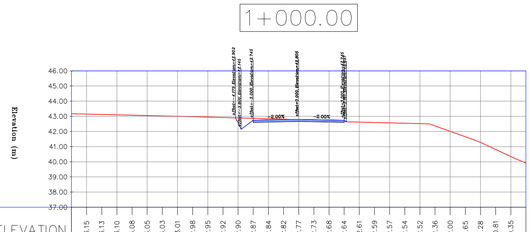
NATURAL GROUND ELEVATION	42.40	42.43	42.46	42.49	42.51	42.54	42.58	42.62	42.64	42.65	42.65	42.65	42.45	42.46	42.49	42.51	42.54	42.56	42.59	42.53	42.34	42.34	42.10	41.82	41.47	41.07	40.55	40.03	39.51
PROJECT ELEVATION											42.18	42.38	42.40	42.42	42.44	42.42	42.40	42.38	42.18										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+990.00



NATURAL GROUND ELEVATION	42.65	42.65	42.64	42.64	42.64	42.65	42.65	42.65	42.65	42.65	42.65	42.66	42.66	42.50	42.53	42.55	42.58	42.60	42.50	42.51	42.52	42.40	42.16	41.82	41.47	41.12	40.70	40.19	39.67
PROJECT ELEVATION											42.26	42.46	42.48	42.50	42.52	42.50	42.48	42.46	42.26										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+000.00



NATURAL GROUND ELEVATION	43.15	43.13	43.10	43.08	43.05	43.03	43.01	42.98	42.95	42.92	42.90	42.87	42.84	42.82	42.77	42.73	42.68	42.64	42.61	42.59	42.57	42.54	42.52	42.36	42.00	41.65	41.28	40.81	40.35
PROJECT ELEVATION											42.54	42.74	42.76	42.78	42.80	42.78	42.76	42.74											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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:	MEAN SEA LEVEL

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

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

6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.

7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

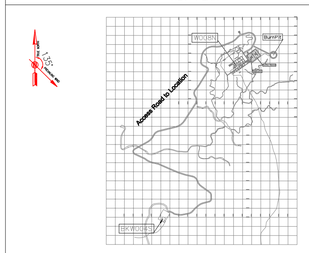
LEGEND

	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION	
B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	CHECKED	DATE	REV. APPR.
***	**********	**.**	***.****	**.**	***.****	
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
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 W008N 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
W008N WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD-CROSS SECTIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

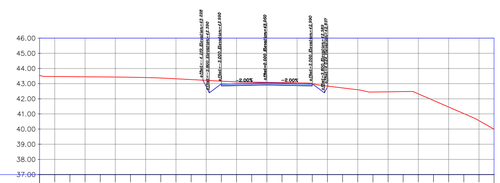
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	48 OF 75	D00

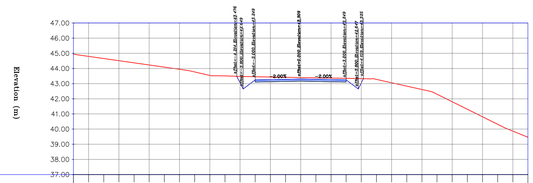
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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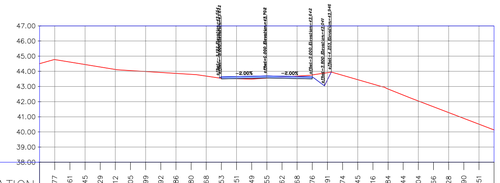
NATURAL GROUND ELEVATION	43.47	43.46	43.45	43.44	43.43	43.42	43.40	43.37	43.32	43.27	43.22	43.17	43.12	43.10	43.08	43.07	43.05	43.01	42.84	42.72	42.59	42.45	42.46	42.48	42.33	41.89	41.46	41.02	40.56
PROJECT ELEVATION											42.79	42.89	43.01	43.03	43.05	43.03	43.01	42.89	42.79										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+020.00



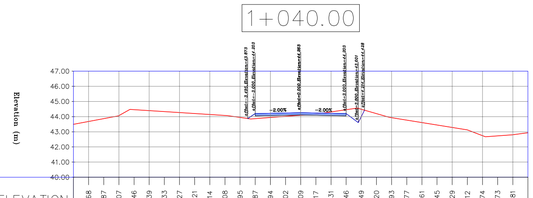
NATURAL GROUND ELEVATION	44.80	44.66	44.52	44.37	44.23	44.09	43.95	43.77	43.54	43.51	43.47	43.45	43.44	43.42	43.40	43.38	43.37	43.35	43.33	43.28	43.06	42.83	42.61	42.30	41.80	41.31	40.81	40.32	39.87
PROJECT ELEVATION											43.05	43.25	43.27	43.29	43.31	43.29	43.27	43.25	43.05										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+030.00



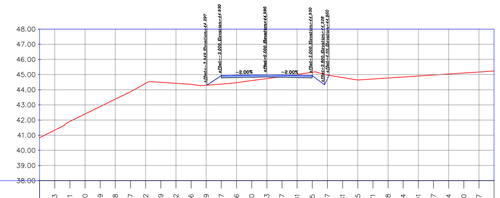
NATURAL GROUND ELEVATION	44.77	44.61	44.45	44.29	44.12	44.05	43.99	43.92	43.86	43.80	43.68	43.53	43.51	43.49	43.55	43.62	43.68	43.76	43.91	43.74	43.45	43.16	42.84	42.44	42.04	41.66	41.28	40.90	40.51
PROJECT ELEVATION											43.64	43.66	43.68	43.70	43.68	43.66	43.64	43.44											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+040.00



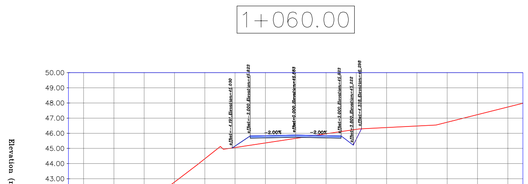
NATURAL GROUND ELEVATION	43.68	43.87	44.07	44.46	44.39	44.33	44.27	44.21	44.14	44.08	43.95	43.87	43.94	44.02	44.09	44.17	44.31	44.46	44.49	44.20	43.93	43.77	43.61	43.45	43.29	43.12	42.74	42.73	42.81
PROJECT ELEVATION											44.20	44.22	44.24	44.26	44.24	44.24	44.22	44.20	44.00										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+050.00



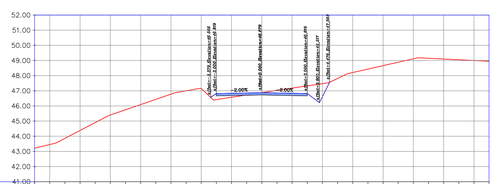
NATURAL GROUND ELEVATION	41.33	41.91	42.40	42.89	43.38	43.87	44.42	44.49	44.42	44.36	44.29	44.37	44.46	44.60	44.73	44.87	45.01	45.15	44.97	44.81	44.65	44.71	44.78	44.84	44.91	44.97	45.04	45.10	45.17
PROJECT ELEVATION											44.93	44.95	44.97	44.99	44.97	44.95	44.93	44.73											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+060.00



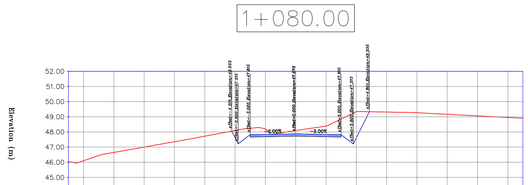
NATURAL GROUND ELEVATION	40.12	40.34	40.56	40.78	41.26	42.02	42.78	43.54	44.32	45.11	45.06	45.21	45.36	45.51	45.66	45.81	45.96	46.11	46.26	46.33	46.38	46.43	46.48	46.53	46.73	46.98	47.23	47.48	47.73
PROJECT ELEVATION											45.16	45.82	45.84	45.86	45.88	45.86	45.84	45.82	45.62										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+070.00



NATURAL GROUND ELEVATION	43.45	43.86	44.38	44.90	45.40	45.74	46.09	46.43	46.78	47.00	47.15	46.42	46.57	46.73	46.88	47.03	47.18	47.32	47.47	47.82	48.21	48.44	48.66	48.89	49.11	49.10	49.05	49.00	
PROJECT ELEVATION											46.82	46.84	46.86	46.88	46.86	46.84	46.82	46.62											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+080.00



NATURAL GROUND ELEVATION	46.10	46.45	46.65	46.83	47.01	47.18	47.36	47.54	47.72	47.91	48.09	48.24	48.20	47.84	48.09	48.24	48.39	48.86	49.34	49.35	49.31	49.29	49.27	49.22	49.16	49.11	49.06	49.01	48.96
PROJECT ELEVATION											47.61	47.81	47.83	47.85	47.87	47.85	47.83	47.81	47.61										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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:	MEAN SEA LEVEL

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

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

6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.

7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

LEGEND

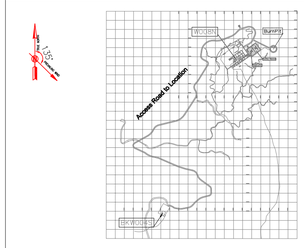
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
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 W008N 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 -W008N
ACCESS ROAD-CROSS SECTIONS

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

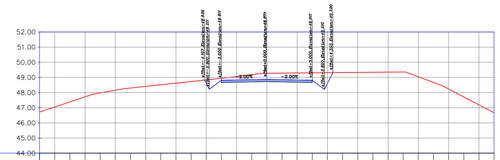
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

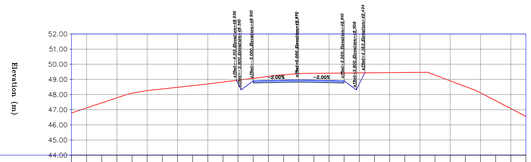
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H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	49 OF 75	D00	053-073-9184	F	4	S	707864	49	D00

1+090.00



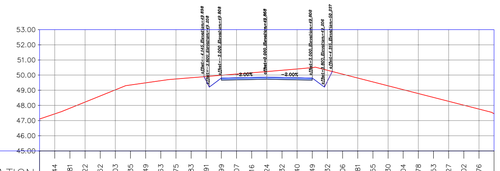
NATURAL GROUND ELEVATION	47.65	47.59	47.72	47.97	48.15	48.30	48.41	48.52	48.62	48.73	48.84	48.94	49.06	49.19	49.28	49.29	49.30	49.31	49.32	49.33	49.34	49.34	49.35	49.36	49.05	48.67	48.23	47.71	47.19
PROJECT ELEVATION											48.61	48.81	48.83	48.85	48.87	48.85	48.83	48.81	48.61										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+090.99



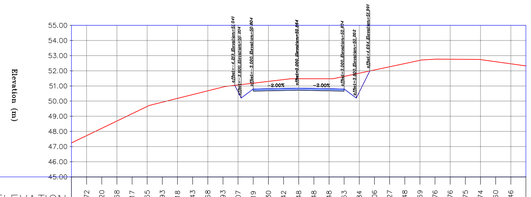
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PROJECT ELEVATION											48.71	48.91	48.93	48.95	48.97	48.95	48.93	48.91	48.71											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+100.00



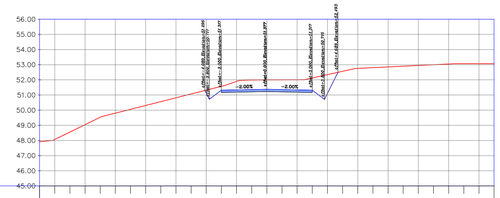
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PROJECT ELEVATION											49.61	49.81	49.83	49.85	49.87	49.85	49.83	49.81	49.61										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+110.00



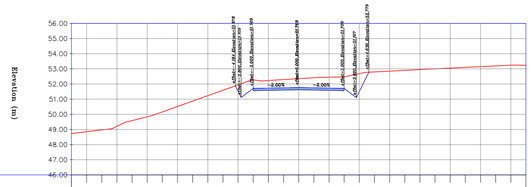
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PROJECT ELEVATION											50.60	50.80	50.82	50.84	50.86	50.84	50.82	50.80	50.60											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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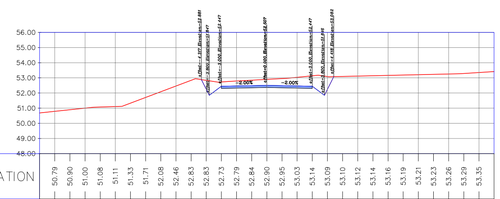
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PROJECT ELEVATION											51.12	51.32	51.34	51.36	51.38	51.36	51.34	51.32	51.12											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+120.00



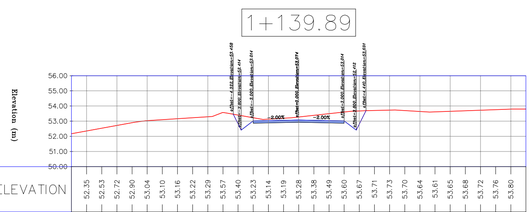
NATURAL GROUND ELEVATION	48.85	48.97	49.21	49.58	49.84	50.16	50.52	50.87	51.23	51.59	51.94	51.71	52.28	52.23	52.29	52.35	52.42	52.45	52.46	52.69	52.80	52.85	52.90	52.95	53.00	53.05	53.10	53.14	53.19	53.25
PROJECT ELEVATION											51.51	51.71	51.73	51.75	51.77	51.75	51.73	51.71	51.51											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+130.00



NATURAL GROUND ELEVATION	50.79	50.90	51.00	51.08	51.11	51.33	51.71	52.08	52.46	52.83	52.83	52.73	52.79	52.84	52.90	52.90	52.95	53.03	53.14	53.09	53.10	53.12	53.14	53.16	53.19	53.21	53.23	53.26	53.29	53.35
PROJECT ELEVATION											52.25	52.45	52.47	52.49	52.51	52.49	52.47	52.45	52.25											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+139.89



NATURAL GROUND ELEVATION	52.35	52.53	52.72	52.90	53.04	53.10	53.16	53.22	53.29	53.57	53.40	53.23	53.14	53.28	53.38	53.49	53.60	53.67	53.71	53.73	53.70	53.64	53.61	53.65	53.68	53.72	53.76	53.80
PROJECT ELEVATION											52.81	53.01	53.03	53.05	53.07	53.05	53.03	53.01	52.81										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
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- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
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8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

LEGEND

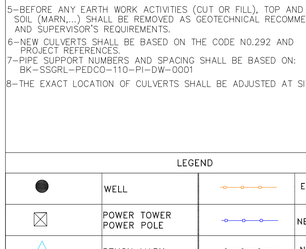
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

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EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.F.AKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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 -W008N
ACCESS ROAD-CROSS SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	50 OF 75	D00

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

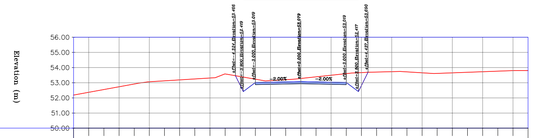
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION	BY:	DATE:

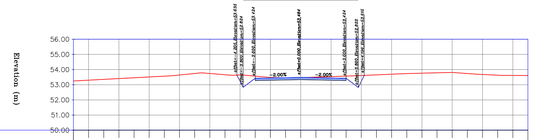
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707864	50	D00

1+140.00



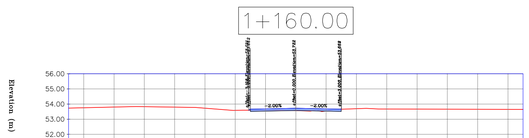
NATURAL GROUND ELEVATION	52.37	52.55	52.73	52.91	53.06	53.12	53.19	53.25	53.31	53.56	53.41	53.24	53.14	53.20	53.28	53.39	53.50	53.60	53.67	53.71	53.73	53.72	53.65	53.61	53.65	53.69	53.72	53.76	53.80
PROJECT ELEVATION											53.82	53.02	53.04	53.06	53.08	53.06	53.04	53.02	52.82										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+150.00



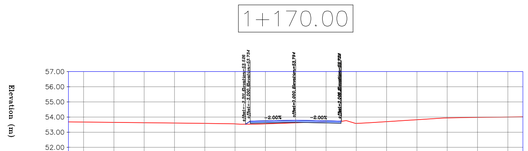
NATURAL GROUND ELEVATION	53.30	53.36	53.41	53.46	53.52	53.57	53.65	53.74	53.74	53.66	53.64	53.57	53.48	53.45	53.47	53.50	53.54	53.57	53.61	53.65	53.69	53.73	53.76	53.78	53.81	53.74	53.68	53.63	53.61
PROJECT ELEVATION											53.22	53.42	53.44	53.46	53.48	53.46	53.44	53.42	53.22										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+160.00



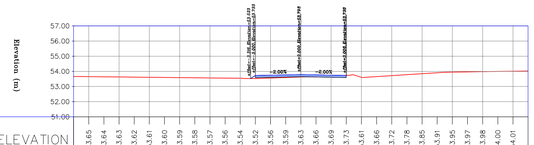
NATURAL GROUND ELEVATION	53.75	53.78	53.80	53.82	53.82	53.80	53.78	53.73	53.65	53.58	53.59	53.59	53.59	53.57	53.55	53.66	53.69	53.69	53.67	53.67	53.66	53.66	53.66	53.66	53.66	53.65	53.65	53.65	
PROJECT ELEVATION											53.66	53.68	53.70	53.72	53.70	53.68	53.66												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+170.00



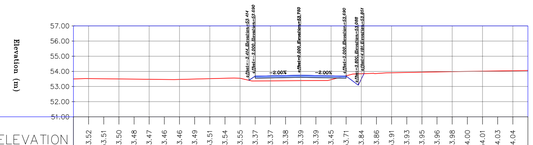
NATURAL GROUND ELEVATION	53.67	53.66	53.65	53.64	53.62	53.61	53.60	53.59	53.58	53.57	53.55	53.53	53.55	53.58	53.62	53.65	53.69	53.72	53.58	53.64	53.70	53.76	53.83	53.89	53.94	53.96	53.98	53.99	54.00
PROJECT ELEVATION											53.73	53.75	53.75	53.77	53.79	53.77	53.75	53.73											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+170.60



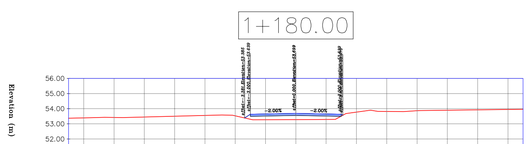
NATURAL GROUND ELEVATION	53.65	53.64	53.63	53.62	53.61	53.60	53.59	53.58	53.57	53.56	53.54	53.52	53.56	53.59	53.63	53.66	53.69	53.73	53.61	53.66	53.72	53.78	53.85	53.91	53.95	53.97	53.98	54.00	54.01
PROJECT ELEVATION											53.73	53.75	53.77	53.79	53.77	53.75	53.73												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+176.62



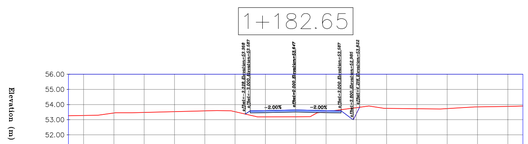
NATURAL GROUND ELEVATION	53.52	53.51	53.50	53.48	53.47	53.46	53.49	53.51	53.54	53.55	53.37	53.37	53.38	53.39	53.39	53.45	53.71	53.84	53.86	53.91	53.93	53.95	53.96	53.98	54.00	54.01	54.03	54.04	
PROJECT ELEVATION											53.69	53.71	53.73	53.75	53.73	53.71	53.69	53.49											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+180.00



NATURAL GROUND ELEVATION	53.40	53.42	53.42	53.42	53.45	53.48	53.50	53.53	53.55	53.58	53.53	53.30	53.27	53.27	53.28	53.28	53.29	53.51	53.77	53.89	53.82	53.81	53.86	53.88	53.90	53.91	53.92	53.93	53.95
PROJECT ELEVATION											53.64	53.66	53.68	53.70	53.68	53.66	53.64												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+182.65



NATURAL GROUND ELEVATION	53.28	53.30	53.44	53.46	53.48	53.50	53.53	53.56	53.58	53.60	53.52	53.29	53.18	53.19	53.19	53.22	53.52	53.66	53.79	53.88	53.75	53.73	53.72	53.71	53.73	53.79	53.85	53.86	53.87
PROJECT ELEVATION											53.59	53.61	53.63	53.65	53.63	53.61	53.59	53.19											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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

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

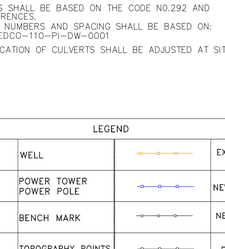
LEGEND

	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION	
B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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 -W008N
ACCESS ROAD-CROSS SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	51 OF 75	D00

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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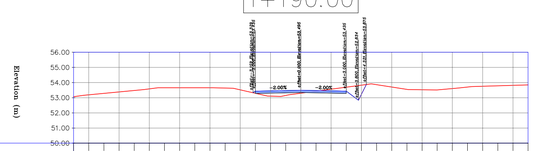
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

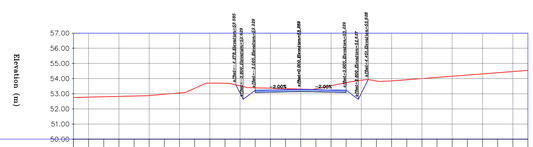
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053-073-9184	F	4	S	707864	51	D00

1+190.00



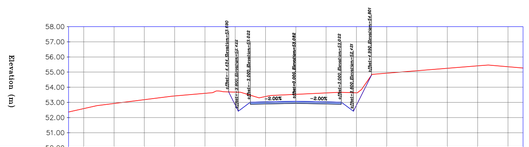
NATURAL GROUND ELEVATION	53.19	53.29	53.38	53.48	53.58	53.66	53.65	53.65	53.66	53.64	53.52	53.29	53.10	53.15	53.30	53.43	53.56	53.70	53.83	53.86	53.71	53.55	53.53	53.52	53.61	53.70	53.75	53.78	53.81
PROJECT ELEVATION												53.44	53.46	53.48	53.50	53.48	53.46	53.44	53.23										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+200.00



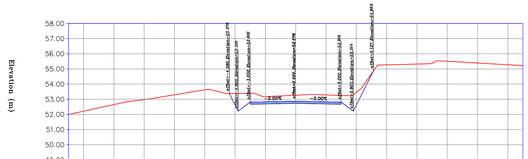
NATURAL GROUND ELEVATION	52.78	52.80	52.82	52.85	52.88	52.97	53.05	53.36	53.70	53.69	53.52	53.39	53.36	53.33	53.30	53.33	53.53	53.73	53.89	53.84	53.85	53.93	54.00	54.08	54.16	54.23	54.31	54.39	54.46
PROJECT ELEVATION											53.03	53.23	53.25	53.27	53.29	53.27	53.25	53.23	53.03										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+210.00



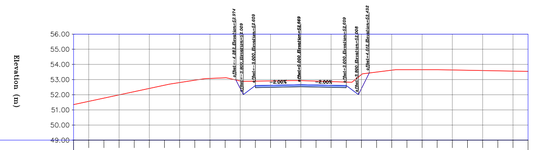
NATURAL GROUND ELEVATION	52.59	52.80	52.93	53.05	53.18	53.31	53.43	53.51	53.60	53.75	53.68	53.47	53.39	53.49	53.53	53.58	53.63	53.67	53.63	54.82	54.93	55.01	55.09	55.17	55.25	55.33	55.41	55.44	55.36
PROJECT ELEVATION											52.82	53.02	53.04	53.06	53.08	53.06	53.04	53.02	52.82										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+220.00



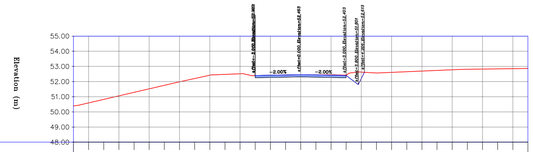
NATURAL GROUND ELEVATION	52.21	52.43	52.65	52.85	52.98	53.13	53.29	53.46	53.62	53.46	53.36	53.40	53.17	53.22	53.27	53.32	53.28	53.25	53.46	54.68	55.27	55.30	55.32	55.38	55.50	55.45	55.39	55.33	55.27
PROJECT ELEVATION											52.62	52.82	52.84	52.86	52.88	52.86	52.84	52.82	52.61										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+230.00



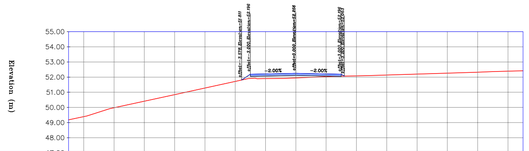
NATURAL GROUND ELEVATION	51.57	51.78	51.99	52.20	52.42	52.63	52.80	52.96	53.08	53.12	52.91	52.89	52.91	52.92	52.93	52.90	52.87	52.84	53.33	53.49	53.62	53.65	53.65	53.65	53.63	53.61	53.59	53.58	53.56
PROJECT ELEVATION												52.41	52.61	52.63	52.65	52.67	52.65	52.63	52.61	52.41									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+240.00



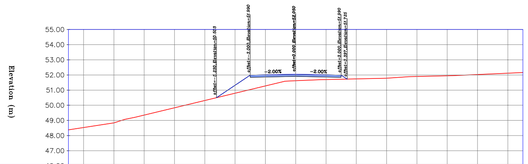
NATURAL GROUND ELEVATION	50.59	50.82	51.05	51.29	51.52	51.75	51.98	52.20	52.42	52.47	52.51	52.39	52.41	52.42	52.43	52.44	52.45	52.42	52.63	52.56	52.61	52.65	52.69	52.73	52.77	52.81	52.82	52.84	52.85
PROJECT ELEVATION												52.40	52.42	52.44	52.46	52.44	52.42	52.40	52.20										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+250.00



NATURAL GROUND ELEVATION	49.40	49.69	49.98	50.20	50.41	50.63	50.84	51.06	51.28	51.50	51.72	51.91	51.90	51.91	51.95	51.99	52.03	52.06	52.08	52.10	52.14	52.17	52.20	52.23	52.26	52.29	52.32	52.37	52.39
PROJECT ELEVATION												52.20	52.22	52.24	52.26	52.24	52.22	52.20											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+260.00



NATURAL GROUND ELEVATION	48.53	48.68	48.84	49.13	49.36	49.60	49.84	50.08	50.32	50.56	50.80	51.04	51.28	51.52	51.62	51.66	51.70	51.72	51.74	51.76	51.78	51.85	51.90	51.92	51.95	51.98	52.03	52.07	52.11
PROJECT ELEVATION											50.66	51.32	51.99	52.01	52.03	52.05	52.03	52.01	51.99										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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

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

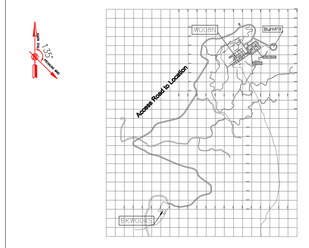
LEGEND

	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR CIVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION	
B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

این نقشه و کلیه 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 W008N 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
W008N WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD-CROSS SECTIONS

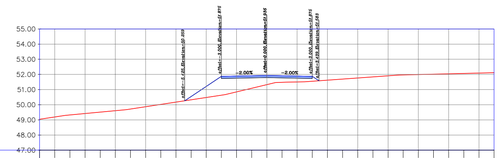
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	52 OF 75	D00

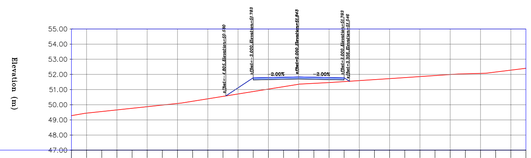
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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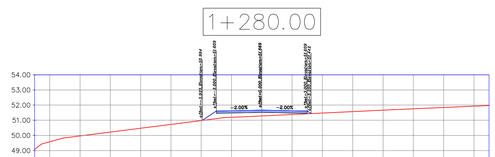
NATURAL GROUND ELEVATION	49.19	49.33	49.42	49.51	49.61	49.72	49.87	50.02	50.17	50.32	50.47	50.63	50.85	51.00	51.13	51.33	51.48	51.51	51.55	51.62	51.69	51.76	51.83	51.90	51.96	51.99	52.01	52.04	52.06	52.08
PROJECT ELEVATION									50.54	51.21	51.88	51.90	51.92	51.94	51.92	51.90	51.88													
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+270.00



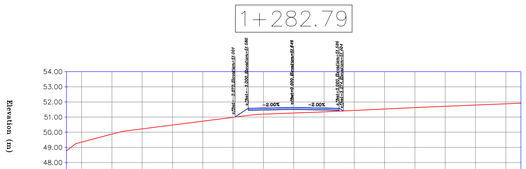
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PROJECT ELEVATION											51.12	51.78	51.80	51.82	51.84	51.82	51.80	51.78											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+280.00



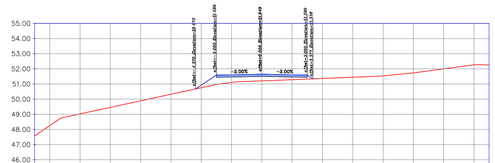
NATURAL GROUND ELEVATION	49.58	49.84	49.97	50.10	50.22	50.35	50.48	50.60	50.73	50.86	50.98	51.11	51.20	51.24	51.29	51.33	51.38	51.43	51.48	51.53	51.57	51.62	51.67	51.72	51.76	51.80	51.85	51.89	51.93
PROJECT ELEVATION											51.61	51.63	51.65	51.67	51.65	51.63	51.61												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+282.79



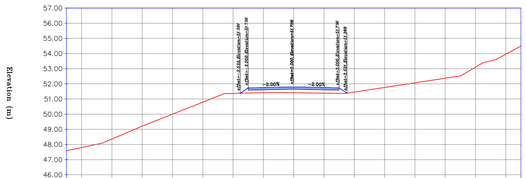
NATURAL GROUND ELEVATION	49.35	49.62	49.88	50.10	50.22	50.35	50.48	50.60	50.73	50.86	50.99	51.11	51.19	51.23	51.27	51.30	51.34	51.39	51.44	51.48	51.53	51.58	51.62	51.67	51.71	51.75	51.80	51.84	51.88
PROJECT ELEVATION											51.59	51.61	51.63	51.65	51.63	51.61	51.59												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+290.00



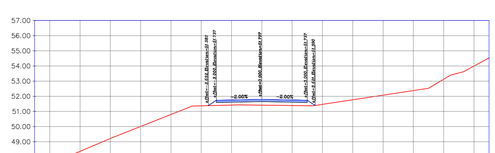
NATURAL GROUND ELEVATION	48.25	48.81	49.03	49.24	49.46	49.68	49.89	50.11	50.32	50.54	50.76	50.97	51.10	51.17	51.21	51.24	51.28	51.32	51.36	51.40	51.45	51.49	51.53	51.63	51.73	51.86	52.00	52.13	52.26
PROJECT ELEVATION											50.92	51.59	51.61	51.63	51.65	51.63	51.61	51.59											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+300.00



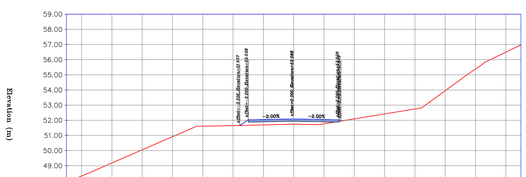
NATURAL GROUND ELEVATION	47.80	48.01	48.36	48.78	49.21	49.61	50.01	50.40	50.80	51.19	51.37	51.39	51.42	51.46	51.51	51.56	51.61	51.66	51.71	51.76	51.81	51.86	51.91	51.96	52.06	52.22	52.37	52.52	53.10	53.52	53.96
PROJECT ELEVATION											51.74	51.76	51.78	51.80	51.78	51.76	51.74														
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00		

1+300.06



NATURAL GROUND ELEVATION	47.80	48.01	48.36	48.79	49.21	49.61	50.01	50.40	50.80	51.19	51.37	51.40	51.42	51.42	51.40	51.40	51.39	51.37	51.46	51.61	51.77	51.92	52.07	52.22	52.37	52.52	53.12	53.54	53.99
PROJECT ELEVATION											51.74	51.76	51.78	51.80	51.78	51.76	51.74												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00		

1+309.45



NATURAL GROUND ELEVATION	48.32	48.75	49.19	49.62	50.05	50.49	50.92	51.36	51.61	51.63	51.65	51.67	51.70	51.72	51.74	51.72	51.77	51.93	52.09	52.26	52.42	52.58	52.75	53.22	53.95	54.68	55.38	56.01	56.49
PROJECT ELEVATION											52.03	52.05	52.07	52.09	52.07	52.05	52.03												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00		

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4-THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
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- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
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8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

LEGEND

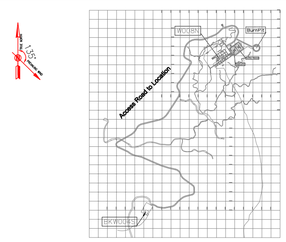
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
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Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DATE		PREP.	CHK.	APP.	AUT.
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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 -W008N ACCESS ROAD-CROSS SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	53 OF 75	D00

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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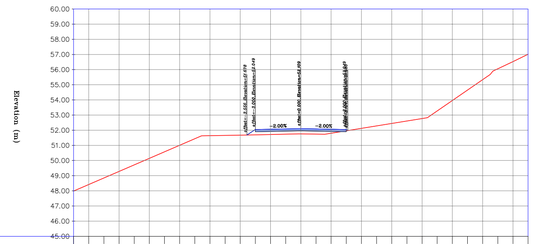
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

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	707864	53	D00

1+310.00



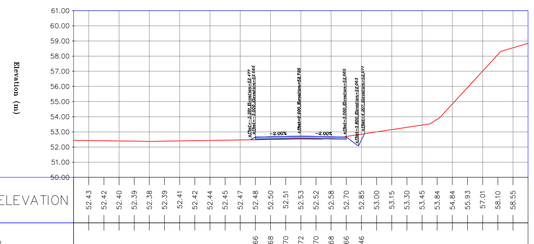
NATURAL GROUND ELEVATION	48.42	48.85	49.28	49.71	50.14	50.57	51.00	51.43	51.64	51.65	51.67	51.69	51.71	51.74	51.76	51.74	51.80	51.86	52.12	52.29	52.45	52.61	52.77	53.27	53.86	54.65	55.34	56.05	56.53
PROJECT ELEVATION												52.05	52.07	52.09	52.11	52.09	52.07	52.05											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+320.00



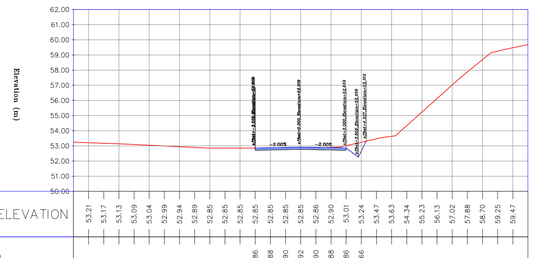
NATURAL GROUND ELEVATION	52.14	52.12	52.09	52.10	52.12	52.15	52.16	52.17	52.18	52.18	52.18	52.19	52.20	52.20	52.21	52.22	52.31	52.42	52.52	52.63	52.74	52.92	53.09	53.26	53.87	54.57	55.70	56.88	57.68
PROJECT ELEVATION												52.45	52.47	52.49	52.51	52.49	52.47	52.45											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+325.20



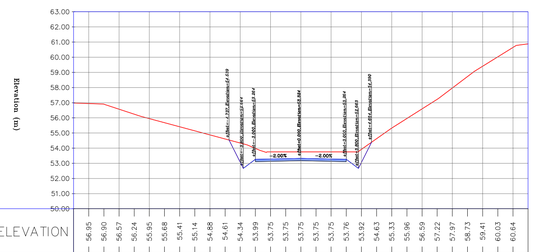
NATURAL GROUND ELEVATION	52.43	52.42	52.40	52.39	52.38	52.39	52.41	52.42	52.44	52.45	52.47	52.48	52.50	52.51	52.53	52.52	52.58	52.70	52.85	53.00	53.15	53.30	53.45	53.84	54.84	55.93	57.01	58.10	58.55
PROJECT ELEVATION												52.66	52.68	52.70	52.72	52.70	52.68	52.66	52.46										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+330.00



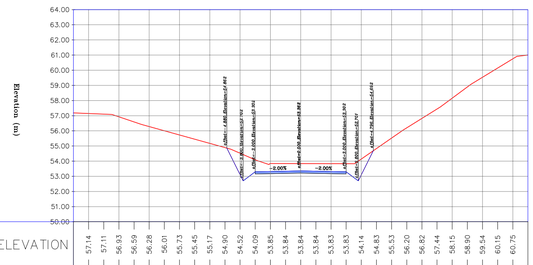
NATURAL GROUND ELEVATION	53.21	53.17	53.13	53.09	53.04	52.99	52.94	52.89	52.85	52.85	52.85	52.85	52.85	52.85	52.85	52.85	52.86	52.90	53.01	53.24	53.47	53.63	54.34	55.23	56.13	57.02	57.88	58.70	59.25	59.47
PROJECT ELEVATION												52.86	52.88	52.90	52.92	52.90	52.88	52.86	52.66											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+340.00



NATURAL GROUND ELEVATION	56.95	56.90	56.57	56.24	55.95	55.68	55.41	55.14	54.88	54.61	54.34	53.99	53.75	53.75	53.75	53.75	53.75	53.76	53.92	54.63	55.33	55.96	56.59	57.22	57.97	58.73	59.41	60.03	60.64
PROJECT ELEVATION											53.06	53.26	53.28	53.30	53.32	53.30	53.28	53.26	53.06										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+340.95



NATURAL GROUND ELEVATION	57.14	57.11	56.93	56.59	56.28	56.01	55.73	55.45	55.17	54.90	54.52	54.09	53.85	53.84	53.84	53.84	53.83	53.83	53.83	54.14	54.83	55.53	56.20	56.82	57.44	58.15	58.90	59.54	60.15	60.75
PROJECT ELEVATION											53.10	53.30	53.32	53.34	53.36	53.34	53.32	53.30	53.10										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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:	MEAN SEA LEVEL

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

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

6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.

7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

LEGEND

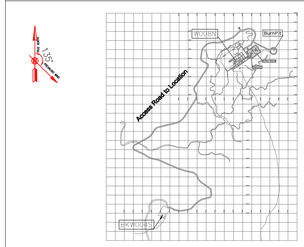
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



***	**********	**.**	***.****	**.**	***.****
REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
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 W008N 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
W008N WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD-CROSS SECTIONS

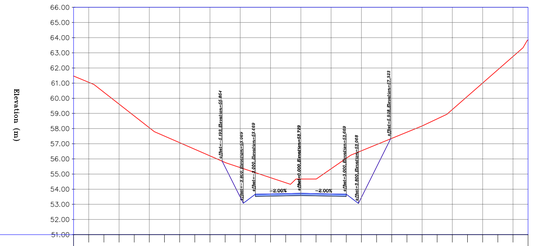
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

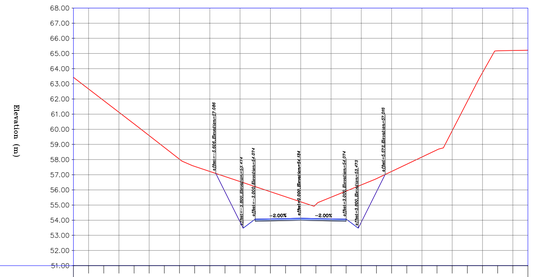
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	54 OF 75	D00	053-073-9184	F	4	S	707864	54	D00

1+350.00



NATURAL GROUND ELEVATION	61.05	60.39	59.61	58.83	58.05	57.50	57.07	56.64	56.20	55.77	55.43	55.10	54.76	54.43	54.67	54.67	55.35	56.04	56.54	56.94	57.35	57.76	58.17	58.64	59.26	60.13	61.01	61.88	62.75
PROJECT ELEVATION										55.47	53.47	53.67	53.69	53.71	53.73	53.71	53.69	53.67	53.47	55.47									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+360.00



NATURAL GROUND ELEVATION	62.66	61.89	61.13	60.36	59.59	58.81	58.03	57.55	57.22	56.88	56.55	56.22	55.88	55.55	55.21	55.03	55.51	55.92	56.33	56.74	57.22	57.69	58.17	58.64	59.90	61.84	63.74	65.18	65.20
PROJECT ELEVATION										55.87	53.87	54.07	54.09	54.11	54.13	54.11	54.09	54.07	53.87	55.87									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

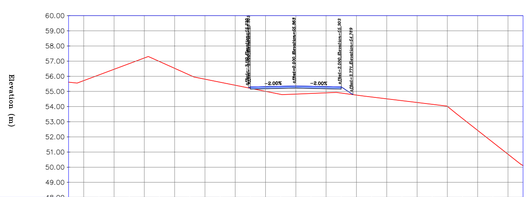
1+370.00

NATURAL GROUND ELEVATION	63.71	63.16	62.26	61.36	60.46	59.56	58.67	57.77	57.46	57.22	56.97	56.72	56.47	56.23	55.98	55.73	55.49	55.47	55.59	55.84	56.10	56.35	56.60	56.86	57.11	57.37	57.62	57.88	58.13
PROJECT ELEVATION										56.28	54.28	54.48	54.50	54.52	54.54	54.52	54.50	54.48	54.28										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+380.00

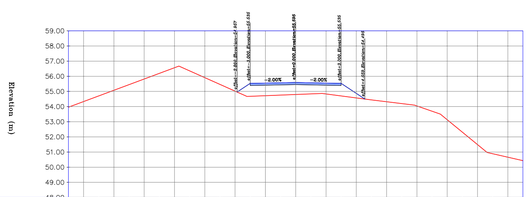
NATURAL GROUND ELEVATION	59.70	59.34	58.97	58.60	58.24	57.87	57.59	57.39	57.20	57.01	56.82	56.63	56.43	56.20	55.96	55.72	55.48	55.24	55.20	55.32	55.44	55.56	55.45	55.21	54.96	54.72	54.48	54.23	53.99
PROJECT ELEVATION										56.68	54.68	54.88	54.90	54.92	54.94	54.92	54.90	54.88	54.68										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+390.00



NATURAL GROUND ELEVATION	55.71	56.09	56.46	56.83	57.20	56.97	56.53	56.08	55.81	55.61	55.41	55.21	55.01	54.81	54.83	54.87	54.91	54.89	54.76	54.63	54.51	54.39	54.27	54.15	54.02	53.21	52.43	51.64	50.86
PROJECT ELEVATION												55.30	55.32	55.34	55.36	55.34	55.32	55.30											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+394.53



NATURAL GROUND ELEVATION	54.33	54.70	55.07	55.45	55.82	56.19	56.56	56.36	55.91	55.46	55.02	54.68	54.72	54.76	54.80	54.84	54.84	54.70	54.57	54.44	54.32	54.20	54.04	53.69	53.13	52.31	51.49	50.89	50.66
PROJECT ELEVATION												55.53	55.55	55.57	55.59	55.57	55.55	55.53	54.87										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.

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

3-GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:

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

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

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

6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.

7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

LEGEND

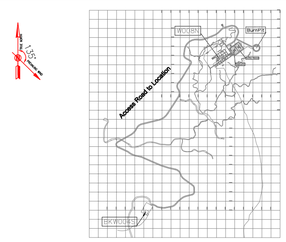
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
D00	JUL.2023	IFC	R.BERLOUIE	M.F.AKHARIAN	A.M.MOHSENI
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.

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

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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
W008N WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD-CROSS SECTIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

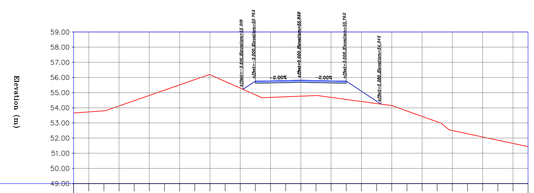
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	55 OF 75	D00

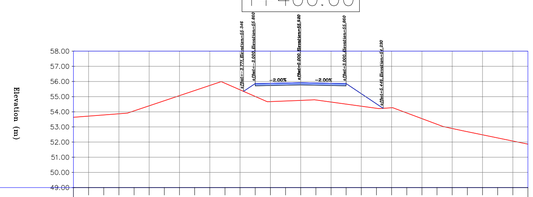
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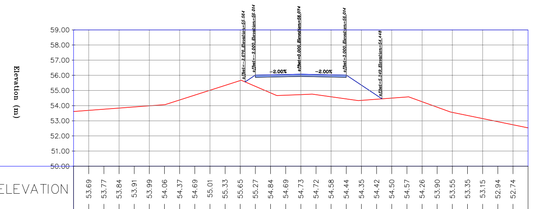
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PROJECT ELEVATION											55.76	55.78	55.78	55.80	55.82	55.80	55.78	55.76	55.10	54.43									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+400.00



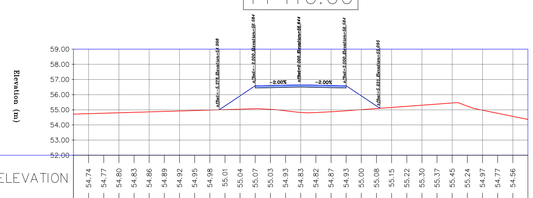
NATURAL GROUND ELEVATION	53.72	53.79	53.87	54.06	54.39	54.73	55.07	55.40	55.74	55.88	55.45	55.01	54.67	54.71	54.75	54.78	54.64	54.50	54.37	54.23	54.27	53.92	53.55	53.18	52.90	52.69	52.48	52.28	52.07
PROJECT ELEVATION											55.86	55.88	55.90	55.90	55.92	55.90	55.88	55.86	55.19	54.53									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+402.34



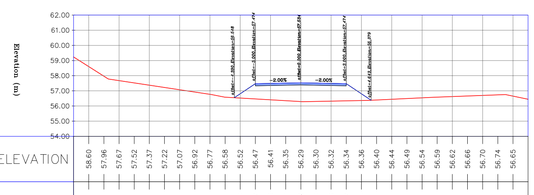
NATURAL GROUND ELEVATION	53.69	53.77	53.84	53.91	53.99	54.06	54.37	54.69	55.01	55.33	55.65	55.27	54.84	54.69	54.73	54.72	54.58	54.44	54.35	54.42	54.50	54.57	54.26	53.90	53.55	53.35	53.15	52.94	52.74
PROJECT ELEVATION											56.01	56.03	56.05	56.05	56.07	56.05	56.03	56.01	55.35	54.68									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+410.00



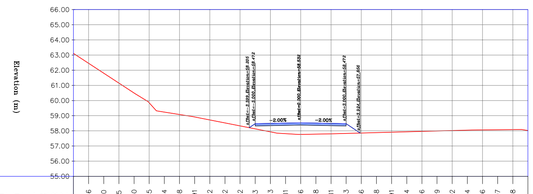
NATURAL GROUND ELEVATION	54.74	54.77	54.80	54.83	54.86	54.89	54.92	54.95	54.98	55.01	55.04	55.07	55.03	54.93	54.83	54.82	54.87	54.93	54.93	55.00	55.08	55.15	55.22	55.30	55.37	55.45	55.24	54.97	54.77	54.56
PROJECT ELEVATION										55.25	55.92	56.58	56.60	56.62	56.64	56.62	56.60	56.58	55.92	55.25										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+420.00



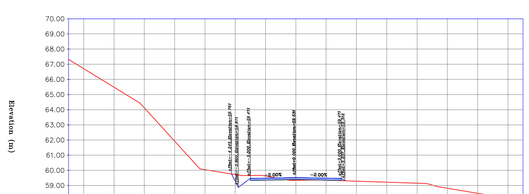
NATURAL GROUND ELEVATION	58.60	57.96	57.67	57.52	57.37	57.22	57.07	56.92	56.77	56.58	56.52	56.47	56.41	56.35	56.29	56.30	56.32	56.34	56.36	56.40	56.44	56.49	56.54	56.59	56.62	56.66	56.70	56.74	56.65
PROJECT ELEVATION											56.81	57.47	57.49	57.51	57.53	57.51	57.49	57.47	56.81										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+430.00



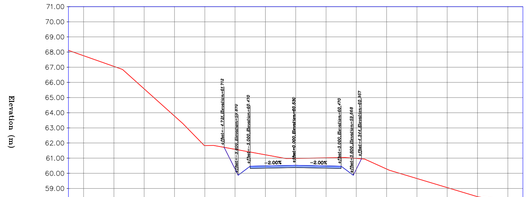
NATURAL GROUND ELEVATION	62.46	61.80	61.15	60.50	59.85	59.24	59.08	58.91	58.72	58.52	58.32	58.13	57.93	57.81	57.76	57.78	57.81	57.83	57.86	57.88	57.91	57.94	57.96	57.99	58.02	58.04	58.06	58.07	58.08
PROJECT ELEVATION											58.47	58.49	58.51	58.53	58.51	58.51	58.49	58.47											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+440.00



NATURAL GROUND ELEVATION	66.70	66.09	65.48	64.87	64.12	63.02	61.93	60.83	60.04	59.88	59.72	59.66	59.63	59.45	59.35	59.35	59.32	59.29	59.25	59.22	59.19	59.15	59.02	58.82	58.65	58.48	58.31	58.15
PROJECT ELEVATION											59.27	59.47	59.49	59.51	59.53	59.51	59.49	59.47											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+450.00



NATURAL GROUND ELEVATION	67.76	67.41	67.05	66.47	65.57	64.68	63.78	62.82	61.83	61.76	61.58	61.40	61.22	61.04	60.99	61.00	61.02	61.04	60.98	60.74	60.29	59.96	59.66	59.36	59.06	58.75	58.45	58.28	57.92
PROJECT ELEVATION											60.27	60.47	60.49	60.51	60.53	60.51	60.49	60.47	60.27										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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:	MEAN SEA LEVEL

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

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

6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.

7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

LEGEND

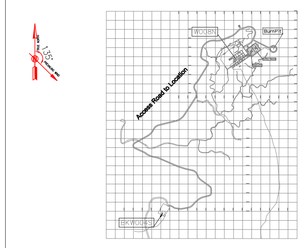
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
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MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

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PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



***	**********	**.**	***.****	**.**	***.****	
REV.	DESCRIPTION	BY	DATE	BY	DATE	
		CHECKED		REV. APPR.		
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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
W008N WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD-CROSS SECTIONS

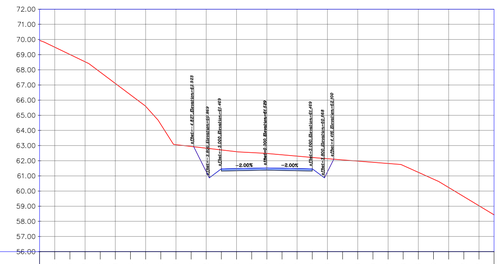
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

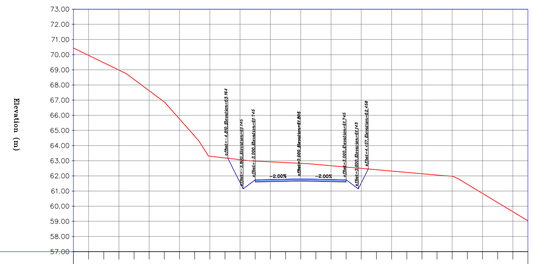
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H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	56 OF 75	D00	053-073-9184	F	4	S	707864	56	D00

1+460.00



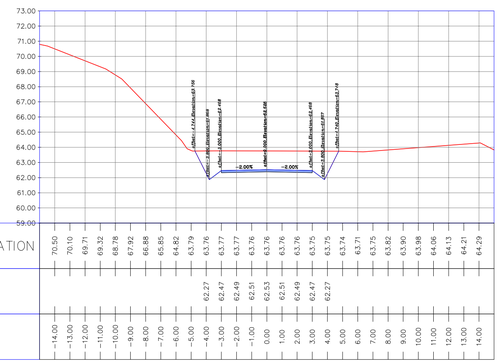
NATURAL GROUND ELEVATION	69.49	69.01	68.53	67.85	67.10	66.35	65.60	64.39	63.06	62.94	62.83	62.71	62.59	62.54	62.48	62.39	62.30	62.22	62.13	62.05	61.98	61.90	61.82	61.68	61.23	60.79	60.24	59.63	59.03
PROJECT ELEVATION											61.27	61.47	61.49	61.51	61.53	61.51	61.49	61.47	61.27										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+462.76



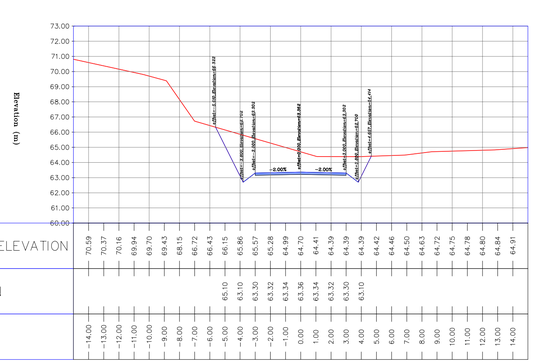
NATURAL GROUND ELEVATION	69.95	69.47	68.99	68.37	67.62	66.87	65.76	64.63	63.30	63.19	63.07	62.98	62.93	62.88	62.83	62.76	62.67	62.59	62.50	62.41	62.32	62.23	62.15	62.06	61.98	61.45	60.85	60.25	59.64
PROJECT ELEVATION											61.54	61.74	61.76	61.78	61.80	61.78	61.76	61.74	61.54										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+470.00



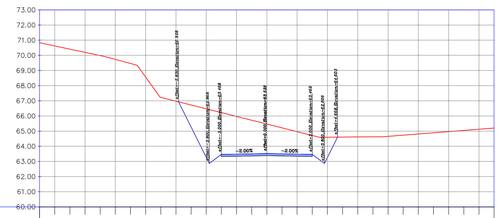
NATURAL GROUND ELEVATION	70.50	70.10	69.71	69.32	68.78	67.92	66.88	65.85	64.82	63.79	63.76	63.77	63.77	63.76	63.76	63.76	63.76	63.75	63.74	63.71	63.75	63.82	63.90	63.98	64.06	64.13	64.21	64.29
PROJECT ELEVATION											62.27	62.47	62.49	62.51	62.53	62.51	62.49	62.47	62.27										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+478.34



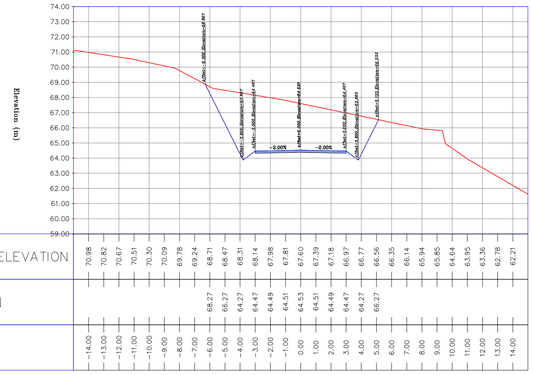
NATURAL GROUND ELEVATION	70.59	70.37	70.16	69.94	69.70	69.43	68.15	66.72	66.43	66.15	65.86	65.57	65.28	64.99	64.70	64.41	64.39	64.39	64.39	64.42	64.46	64.50	64.63	64.72	64.75	64.78	64.80	64.84	64.91
PROJECT ELEVATION										65.10	65.10	63.30	63.32	63.34	63.36	63.34	63.32	63.30	63.10										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+480.00



NATURAL GROUND ELEVATION	70.62	70.41	70.20	69.98	69.73	69.46	68.57	67.22	66.97	66.72	66.47	66.22	65.97	65.71	65.46	65.21	64.96	64.71	64.60	64.60	64.61	64.62	64.66	64.74	64.81	64.89	64.97	65.05	65.13
PROJECT ELEVATION										65.27	65.27	63.47	63.49	63.51	63.53	63.51	63.49	63.47	63.27										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+490.00



NATURAL GROUND ELEVATION	70.88	70.82	70.67	70.51	70.30	70.09	69.78	69.24	68.71	68.47	68.31	68.14	67.98	67.81	67.60	67.39	67.18	66.97	66.77	66.56	66.35	66.14	65.94	65.85	64.64	63.95	63.36	62.78	62.21
PROJECT ELEVATION										66.27	66.27	64.27	64.47	64.49	64.51	64.53	64.51	64.49	64.47	64.27	66.27								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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

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

LEGEND

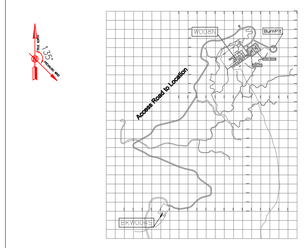
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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 -W008N
ACCESS ROAD-CROSS SECTIONS

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

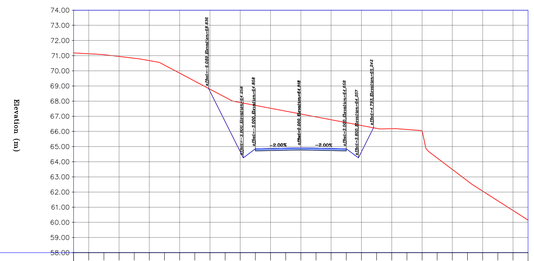
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

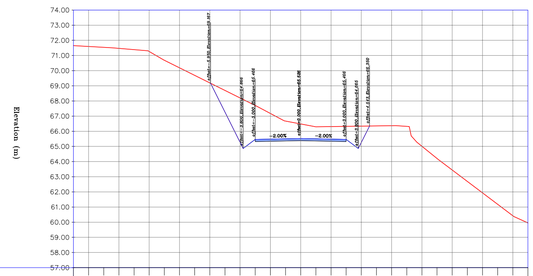
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	57 OF 75	D00	053-073-9184	F	4	S	707864	57	D00

1+493.92



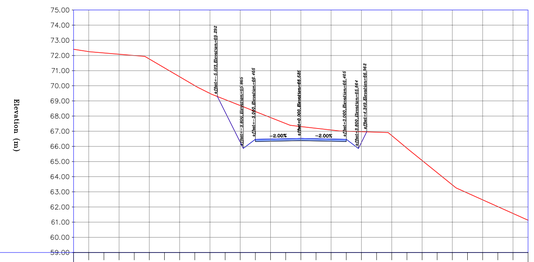
NATURAL GROUND ELEVATION	71.13	71.07	70.95	70.83	70.67	70.38	69.85	69.32	68.79	68.26	67.91	67.72	67.53	67.34	67.15	66.96	66.77	66.58	66.39	66.20	66.18	66.13	66.06	64.25	63.49	62.73	62.06	61.42	60.79
PROJECT ELEVATION									68.66	66.66	64.66	64.86	64.88	64.90	64.92	64.90	64.88	64.86	64.66										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+500.00



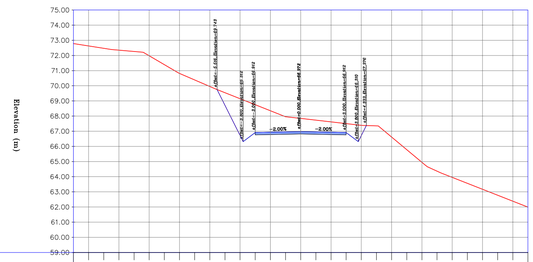
NATURAL GROUND ELEVATION	71.60	71.54	71.48	71.39	71.27	70.68	70.19	69.69	69.19	68.69	68.20	67.70	67.17	66.67	66.48	66.30	66.31	66.33	66.34	66.36	66.37	66.32	63.01	64.21	63.45	62.69	61.93	61.18	60.42
PROJECT ELEVATION									67.27	65.27	65.47	65.49	65.51	65.53	65.51	65.51	65.49	65.47	65.26										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+510.00



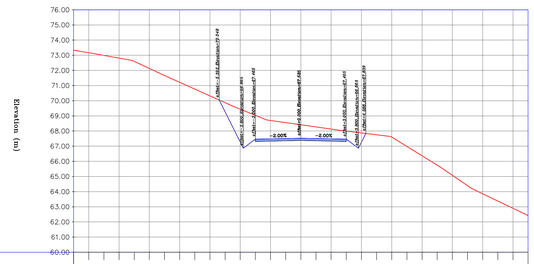
NATURAL GROUND ELEVATION	72.25	72.17	72.08	72.00	71.76	71.18	70.59	70.01	69.49	69.09	68.69	68.30	67.90	67.51	67.31	67.20	67.08	67.00	66.97	66.94	66.72	65.88	65.07	64.27	63.46	62.93	62.48	62.03	61.58
PROJECT ELEVATION									68.27	66.27	66.47	66.49	66.51	66.53	66.51	66.49	66.47	66.26											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+514.47



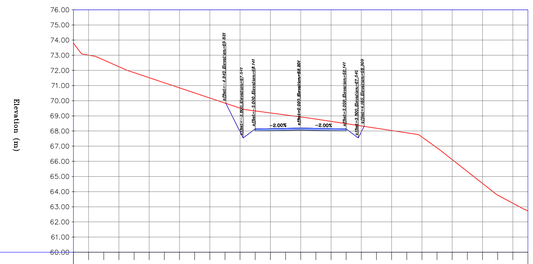
NATURAL GROUND ELEVATION	72.63	72.47	72.35	72.27	71.98	71.40	70.82	70.39	69.95	69.54	69.14	68.75	68.35	67.96	67.85	67.73	67.62	67.50	67.39	67.36	66.61	65.78	64.95	64.36	63.96	63.56	63.17	62.78	62.39
PROJECT ELEVATION									68.71	66.71	66.91	66.93	66.95	66.97	66.95	66.95	66.93	66.91	66.71										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+520.00



NATURAL GROUND ELEVATION	73.17	72.99	72.81	72.60	72.13	71.67	71.22	70.77	70.32	69.87	69.44	68.04	68.04	68.70	68.55	68.41	68.27	68.13	67.99	67.87	67.75	67.60	66.98	66.37	65.75	65.08	64.40	63.86	63.38	62.90
PROJECT ELEVATION									69.26	67.26	67.46	67.48	67.50	67.52	67.50	67.48	67.46	67.26												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+526.77



NATURAL GROUND ELEVATION	73.00	72.68	72.24	71.85	71.52	71.18	70.85	70.51	70.18	69.84	69.51	69.32	69.19	69.06	68.93	68.79	68.64	68.49	68.34	68.19	68.04	67.89	67.61	66.89	66.12	65.33	64.54	63.77	63.23
PROJECT ELEVATION										67.94	68.14	68.16	68.18	68.20	68.18	68.16	68.14	67.94											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MEAN SEA LEVEL
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- "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
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6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.
7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001
8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

LEGEND

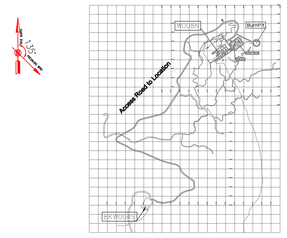
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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
W008N WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD-CROSS SECTIONS

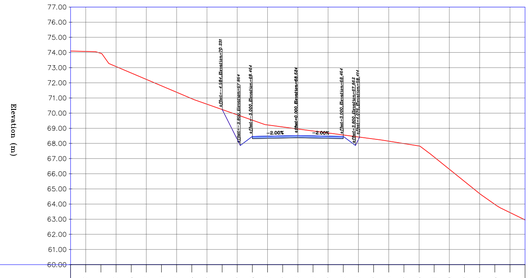
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	58 OF 75	D00

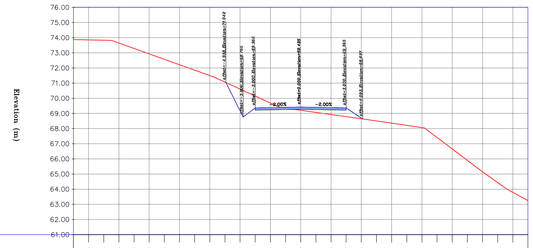
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707864	58	D00

1+530.00



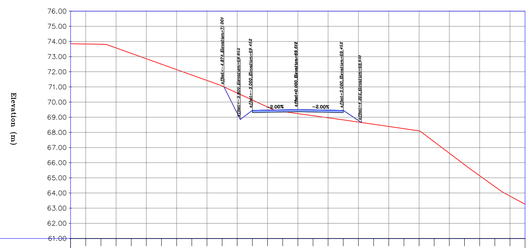
NATURAL GROUND ELEVATION	74.07	73.94	73.07	72.65	72.22	71.80	71.37	70.95	70.59	70.24	69.89	69.53	69.22	69.09	68.96	68.82	68.69	68.56	68.42	68.29	68.15	67.99	67.83	67.11	66.30	65.49	64.69	63.98	63.44
PROJECT ELEVATION					68.26	68.46	68.48	68.50	68.52	68.50	68.48	68.46	68.26																
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+539.08



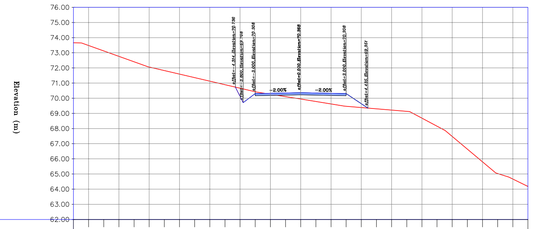
NATURAL GROUND ELEVATION	73.85	73.83	73.65	73.29	72.93	72.58	72.22	71.86	71.50	71.07	70.61	70.15	69.68	69.34	69.20	69.07	68.93	68.79	68.65	68.51	68.36	68.22	68.07	67.42	66.66	65.90	65.15	64.44	63.79
PROJECT ELEVATION											69.17	69.37	69.39	69.41	69.43	69.41	69.39	69.37	68.70										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+540.00



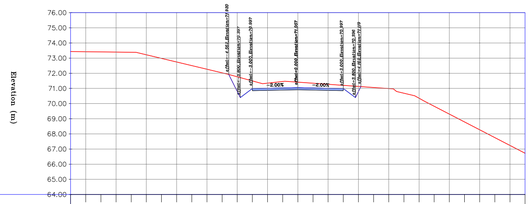
NATURAL GROUND ELEVATION	73.83	73.81	73.58	73.22	72.86	72.50	72.14	71.79	71.43	71.06	70.60	70.13	69.67	69.38	69.24	69.10	68.96	68.82	68.68	68.53	68.39	68.24	68.10	67.38	66.62	65.87	65.14	64.43	63.80
PROJECT ELEVATION											69.25	69.45	69.47	69.49	69.51	69.49	69.47	69.45	68.79										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+550.00



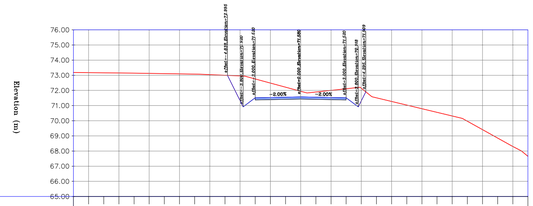
NATURAL GROUND ELEVATION	73.48	73.12	72.77	72.41	72.06	71.83	71.59	71.36	71.13	70.90	70.66	70.43	70.26	70.10	70.35	70.37	70.35	70.33	70.31	69.64									
PROJECT ELEVATION											70.11	70.31	70.33	70.35															
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+560.00



NATURAL GROUND ELEVATION	73.42	73.41	73.40	73.39	73.22	72.98	72.75	72.51	72.27	72.03	71.77	71.50	71.35	71.46	71.41	71.34	71.27	71.20	71.13	71.06	70.99	70.68	70.35	69.82	69.31	68.79	68.27	67.76	67.24
PROJECT ELEVATION											70.80	71.00	71.02	71.04	71.06	71.04	71.02	71.00	70.80										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+570.00



NATURAL GROUND ELEVATION	73.17	73.16	73.15	73.14	73.13	73.11	73.10	73.08	73.05	73.00	72.96	72.76	72.49	72.22	71.94	71.89	72.00	72.11	72.15	71.51	71.27	71.03	70.79	70.55	70.32	69.97	69.41	68.85	68.30
PROJECT ELEVATION											71.32	71.52	71.54	71.56	71.58	71.56	71.54	71.52	71.32										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	3.99	5.00	5.95	7.00	7.90	9.00	9.86	11.00	11.81	13.00	13.77

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

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

LEGEND

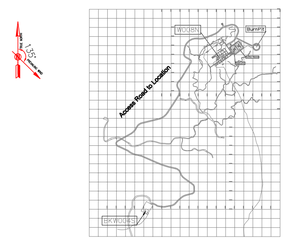
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY / CHECKED	DATE / REV. APPR.	BY	DATE
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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 -W008N
ACCESS ROAD-CROSS SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	59 OF 75	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
W008N WELLHEAD FACILITIES

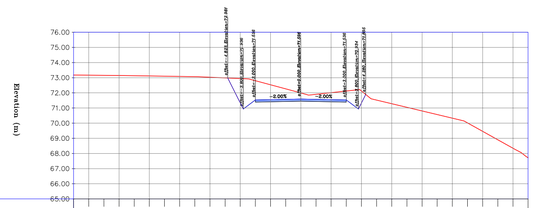
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

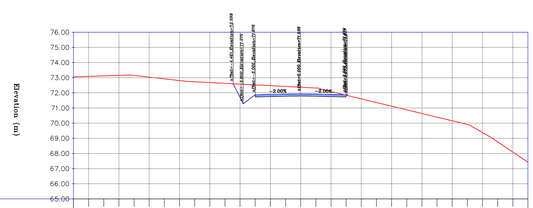
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707864	59	D00

1+570.37



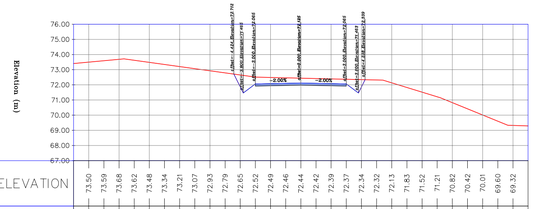
NATURAL GROUND ELEVATION	73.16	73.15	73.14	73.13	73.11	73.10	73.08	73.07	73.03	72.99	72.95	72.80	72.53	72.26	71.99	71.90	72.01	72.12	72.12	71.52	71.28	71.04	70.81	70.57	70.33	70.02	69.46	68.90	68.34
PROJECT ELEVATION											71.34	71.54	71.56	71.58	71.60	71.58	71.56	71.54	71.33										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	1.96	3.00	3.91	5.00	5.87	7.00	7.83	9.00	9.78	11.00	11.74	13.00	13.69

1+580.00



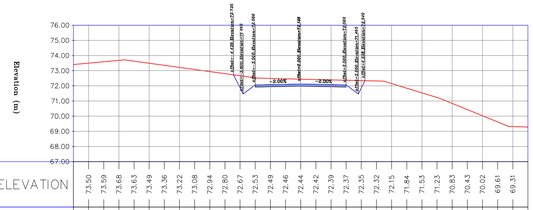
NATURAL GROUND ELEVATION	73.09	73.12	73.15	73.15	73.04	72.92	72.81	72.73	72.68	72.63	72.57	72.52	72.47	72.42	72.37	72.32	72.09	71.84	71.60	71.36	71.12	70.88	70.64	70.40	70.16	69.92	69.38	68.77	68.10
PROJECT ELEVATION											71.68	71.88	71.90	71.92	71.94	71.92	71.90	71.88											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+590.00



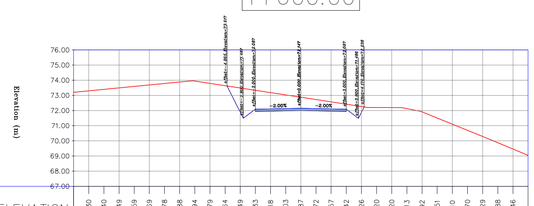
NATURAL GROUND ELEVATION	73.50	73.59	73.68	73.62	73.48	73.34	73.21	73.07	72.93	72.79	72.65	72.52	72.49	72.46	72.44	72.42	72.39	72.37	72.34	72.32	72.13	71.83	71.52	71.21	70.82	70.42	70.01	69.60	69.32
PROJECT ELEVATION											71.86	72.06	72.08	72.10	72.12	72.10	72.08	72.06	71.86										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+590.13



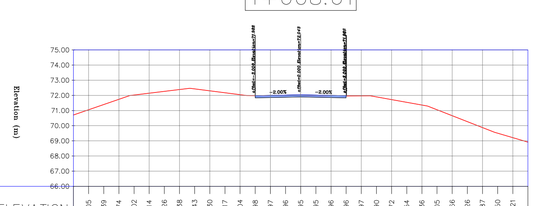
NATURAL GROUND ELEVATION	73.50	73.59	73.68	73.63	73.49	73.36	73.22	73.08	72.94	72.80	72.67	72.53	72.49	72.46	72.44	72.42	72.39	72.37	72.35	72.32	72.15	71.84	71.53	71.23	70.83	70.43	70.02	69.61	69.31
PROJECT ELEVATION											71.87	72.07	72.09	72.11	72.13	72.11	72.09	72.07	71.86										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+600.00



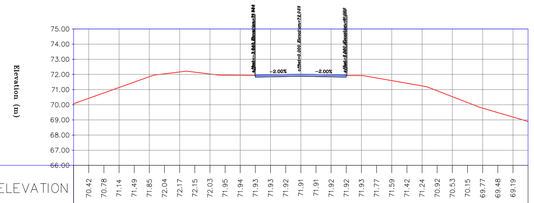
NATURAL GROUND ELEVATION	73.30	73.40	73.49	73.59	73.69	73.78	73.88	73.94	73.79	73.64	73.49	73.33	73.18	73.03	72.87	72.72	72.57	72.42	72.26	72.20	72.13	71.92	71.51	71.10	70.70	70.29	69.88	69.46
PROJECT ELEVATION											71.89	72.09	72.11	72.13	72.15	72.13	72.11	72.09	71.89									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+608.61



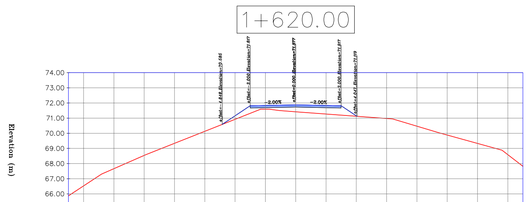
NATURAL GROUND ELEVATION	71.05	71.39	71.74	72.02	72.14	72.26	72.38	72.43	72.30	72.17	72.04	71.98	71.97	71.96	71.95	71.95	71.96	71.96	71.97	71.90	71.72	71.54	71.36	71.05	70.66	70.26	69.87	69.50	69.21
PROJECT ELEVATION											71.98	72.00	72.02	72.04	72.02	72.00	71.98												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+610.00



NATURAL GROUND ELEVATION	70.42	70.78	71.14	71.49	71.85	72.04	72.17	72.15	72.03	71.95	71.94	71.93	71.93	71.92	71.91	71.91	71.92	71.92	71.93	71.77	71.59	71.42	71.24	70.92	70.53	70.15	69.77	69.48	69.19
PROJECT ELEVATION											71.96	71.98	72.00	72.02	72.00	71.98	71.96												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+620.00



NATURAL GROUND ELEVATION	66.53	67.19	67.67	68.10	68.54	68.94	69.33	69.73	70.13	70.52	70.92	71.32	71.59	71.49	71.42	71.35	71.27	71.20	71.12	71.05	70.97	70.76	70.47	70.17	69.88	69.61	69.33	69.05	68.59
PROJECT ELEVATION											71.15	71.82	71.84	71.86	71.88	71.86	71.84	71.82	71.15										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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:	MEAN SEA LEVEL

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

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

6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.

7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

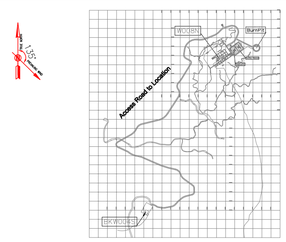
LEGEND

	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION	
B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
***	**********	**.**	***.****	**.**	***.****
		CHECKED		REV. APPR.	
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

این نقشه و کلیه حقوق آن متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.

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PROJECT NAME:	BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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
W008N WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD-CROSS SECTIONS

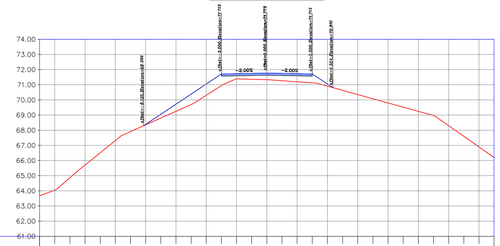
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
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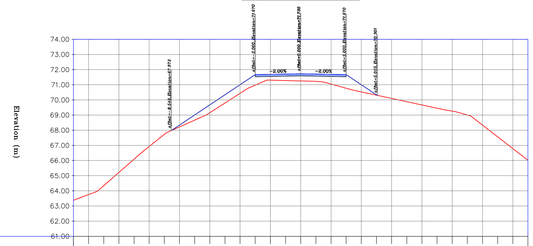
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707864	60	D00

1+627.10



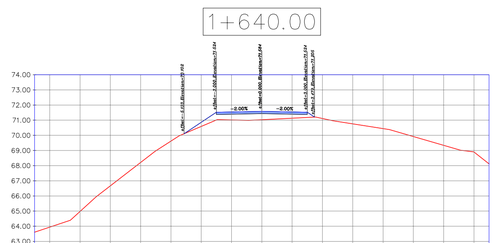
NATURAL GROUND ELEVATION	64.04	64.87	65.71	66.51	67.32	67.91	68.35	68.80	69.25	69.69	70.30	70.94	71.38	71.36	71.34	71.27	71.20	71.13	70.91	70.63	70.35	70.08	69.80	69.52	69.24	68.97	68.30	67.60	66.90
PROJECT ELEVATION							68.38	69.05	69.71	70.38	71.05	71.71	71.73	71.75	71.77	71.79	71.73	71.71	71.05										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+630.00



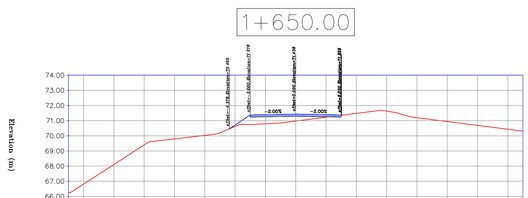
NATURAL GROUND ELEVATION	63.75	64.34	65.22	66.09	66.92	67.73	68.22	68.66	69.15	69.79	70.44	70.98	71.30	71.28	71.25	71.22	71.05	70.77	70.53	70.31	70.10	69.88	69.67	69.45	69.26	69.00	68.34	67.57	66.79
PROJECT ELEVATION							68.34	69.00	69.67	70.34	71.00	71.67	71.71	71.69	71.71	71.73	71.71	71.69	71.67	71.00	70.34								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+640.00



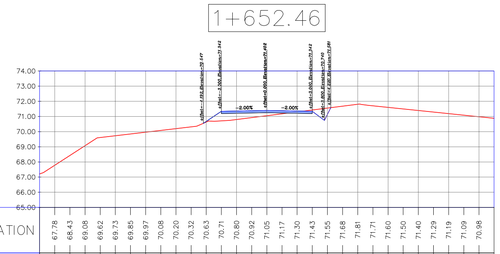
NATURAL GROUND ELEVATION	63.94	64.28	64.98	65.89	66.67	67.44	68.21	68.97	69.62	70.16	70.59	71.01	71.01	70.99	71.03	71.08	71.13	71.18	71.11	70.91	70.76	70.60	70.44	70.21	69.92	69.63	69.34	69.05	68.90
PROJECT ELEVATION										70.19	70.86	71.52	71.54	71.56	71.56	71.56	71.54	71.52											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+650.00



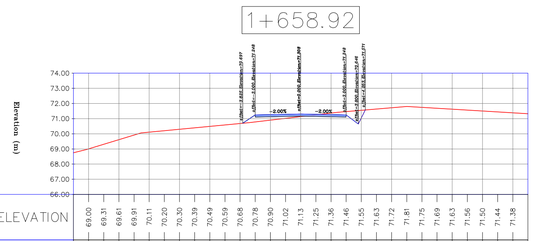
NATURAL GROUND ELEVATION	66.81	67.46	68.10	68.75	69.40	69.67	69.79	69.91	70.03	70.19	70.62	70.75	70.79	70.85	70.97	71.10	71.22	71.35	71.48	71.60	71.63	71.42	71.07	70.94	70.81	70.69	70.56	70.43	
PROJECT ELEVATION										70.71	71.38	71.42	71.40	71.42	71.44	71.42	71.40	71.38											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+652.46



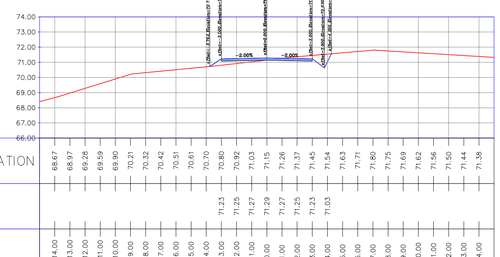
NATURAL GROUND ELEVATION	67.78	68.43	69.08	69.62	69.73	69.85	69.97	70.08	70.20	70.32	70.63	70.71	70.80	70.92	71.05	71.17	71.30	71.43	71.55	71.68	71.81	71.71	71.60	71.50	71.40	71.29	71.19	71.09	70.98
PROJECT ELEVATION										70.68	71.34	71.36	71.38	71.40	71.38	71.36	71.34	71.14											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+658.92



NATURAL GROUND ELEVATION	69.00	69.31	69.61	69.91	70.11	70.20	70.30	70.39	70.49	70.59	70.68	70.78	70.90	71.02	71.13	71.25	71.36	71.46	71.55	71.63	71.72	71.81	71.75	71.69	71.63	71.56	71.50	71.44	71.38
PROJECT ELEVATION												71.25	71.27	71.29	71.31	71.29	71.27	71.25	71.05										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+660.00



NATURAL GROUND ELEVATION	68.67	68.97	69.28	69.59	69.90	70.21	70.32	70.42	70.51	70.61	70.70	70.80	70.92	71.03	71.15	71.26	71.37	71.45	71.54	71.63	71.71	71.80	71.75	71.69	71.62	71.56	71.50	71.44	71.38
PROJECT ELEVATION												71.23	71.25	71.27	71.29	71.27	71.25	71.23	71.03										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.

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

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

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

6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.

7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

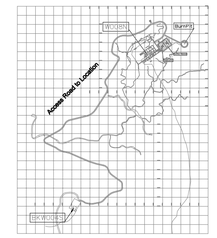
LEGEND

	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
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MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION	
B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



***	**********	**.**	***.****	**.**	***.****	
REV.	DESCRIPTION	CHECKED BY	CHECKED DATE	REV. APPR. BY	REV. APPR. DATE	
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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
W008N WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD-CROSS SECTIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

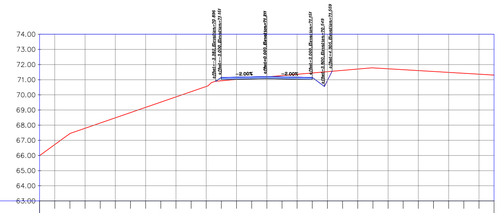
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	61 OF 75	D00

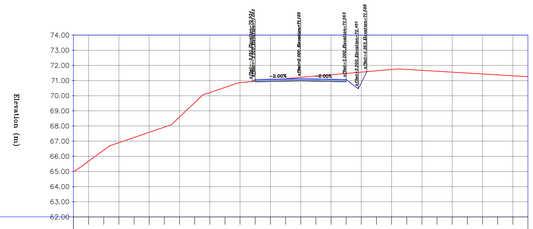
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707864	61	D00

1+665.38



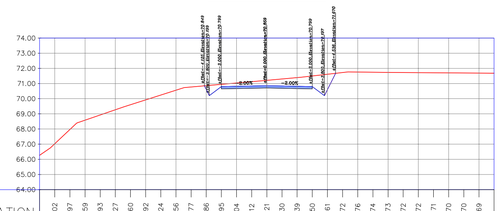
NATURAL GROUND ELEVATION	66.72	67.45	67.80	68.14	68.49	68.83	69.17	69.52	69.86	70.21	70.55	70.93	71.02	71.10	71.19	71.27	71.36	71.45	71.53	71.62	71.70	71.78	71.72	71.66	71.60	71.54	71.48	71.42	71.36
PROJECT ELEVATION													71.15	71.17	71.19	71.21	71.19	71.17	71.15		70.95								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+670.00



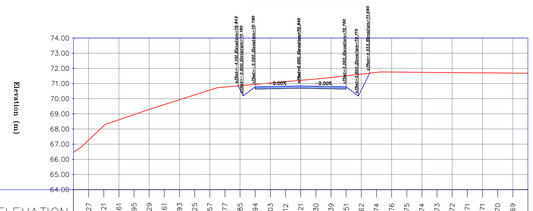
NATURAL GROUND ELEVATION	65.68	66.41	66.90	67.24	67.59	67.93	68.60	68.94	70.21	70.55	70.86	70.95	71.04	71.12	71.21	71.30	71.38	71.47	71.56	71.64	71.73	71.73	71.67	71.61	71.55	71.49	71.43	71.37	71.31
PROJECT ELEVATION													71.06	71.08	71.10	71.12	71.10	71.08	71.06		70.86								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+680.00



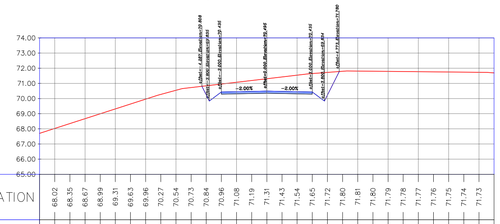
NATURAL GROUND ELEVATION	67.02	67.97	68.59	68.93	69.27	69.60	69.92	70.24	70.56	70.77	70.86	70.95	71.04	71.12	71.21	71.30	71.39	71.50	71.61	71.72	71.76	71.74	71.73	71.72	71.72	71.71	71.70	71.70	71.69
PROJECT ELEVATION											70.60	70.80	70.82	70.84	70.86	70.84	70.82	70.80	70.60										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+680.59



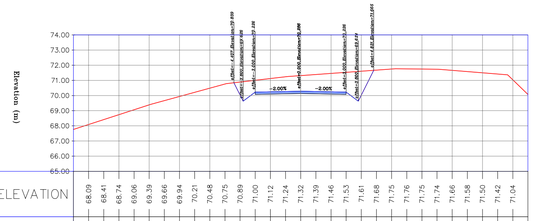
NATURAL GROUND ELEVATION	67.27	68.21	68.61	68.95	69.29	69.61	69.93	70.25	70.57	70.77	70.85	70.94	71.03	71.12	71.21	71.30	71.39	71.51	71.62	71.74	71.76	71.75	71.74	71.73	71.72	71.71	71.71	71.70	71.69
PROJECT ELEVATION											70.58	70.78	70.80	70.82	70.84	70.82	70.80	70.78	70.58										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+690.00



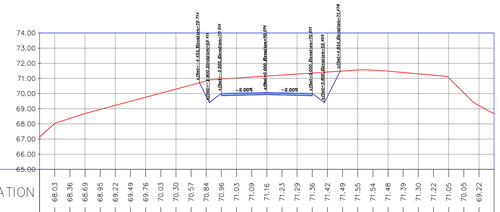
NATURAL GROUND ELEVATION	68.02	68.35	68.67	68.99	69.31	69.63	69.96	70.27	70.54	70.73	70.84	70.96	71.08	71.19	71.31	71.43	71.54	71.65	71.72	71.80	71.81	71.80	71.79	71.78	71.77	71.76	71.75	71.74	71.73
PROJECT ELEVATION											70.24	70.44	70.46	70.48	70.50	70.48	70.46	70.44	70.23										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+694.94



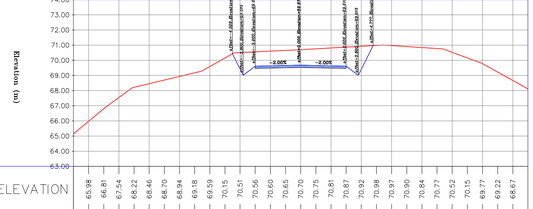
NATURAL GROUND ELEVATION	68.09	68.41	68.74	69.06	69.39	69.66	69.94	70.21	70.48	70.75	70.89	71.00	71.12	71.24	71.32	71.39	71.46	71.53	71.61	71.68	71.75	71.76	71.75	71.74	71.66	71.58	71.50	71.42	71.04
PROJECT ELEVATION											70.03	70.23	70.25	70.27	70.29	70.27	70.25	70.23	70.02										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+700.00



NATURAL GROUND ELEVATION	68.03	68.36	68.69	68.95	69.22	69.49	69.76	70.03	70.30	70.57	70.84	70.96	71.03	71.09	71.16	71.23	71.29	71.36	71.42	71.49	71.54	71.54	71.48	71.39	71.30	71.22	71.05	70.05	69.22
PROJECT ELEVATION											69.81	70.01	70.03	70.05	70.07	70.05	70.03	70.01	69.81										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+709.30



NATURAL GROUND ELEVATION	65.98	66.81	67.54	68.22	68.46	68.70	68.94	69.18	69.59	70.15	70.51	70.56	70.60	70.65	70.70	70.75	70.81	70.87	70.92	70.98	70.97	70.90	70.84	70.77	70.52	70.15	69.77	69.22	68.67
PROJECT ELEVATION											69.42	69.62	69.64	69.66	69.68	69.66	69.64	69.62	69.41										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.

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

3-GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:

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

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

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

6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.

7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

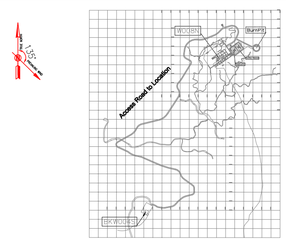
LEGEND

	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION	
B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
***	**********	**	***.****	**	***.****
		CHECKED		REV. APPR.	
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
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 W008N 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
W008N WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

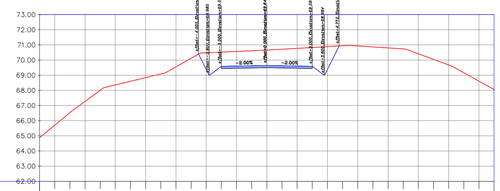
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD-CROSS SECTIONS

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

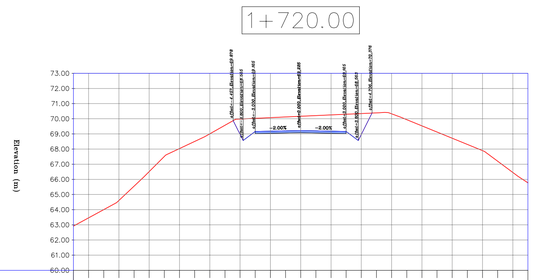
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	62 OF 75	D00	053-073-9184	F	4	S	707864	62	D00

1+710.00



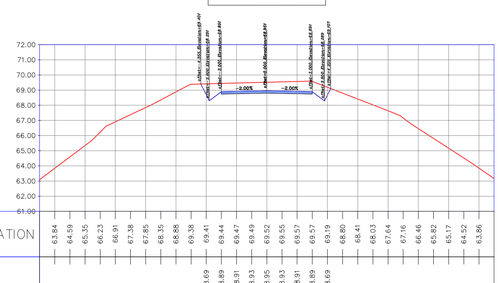
NATURAL GROUND ELEVATION	65.70	66.54	67.28	68.01	68.36	68.60	68.84	69.08	69.55	70.12	70.48	70.52	70.57	70.61	70.66	70.71	70.77	70.83	70.88	70.94	70.93	70.86	70.80	70.73	70.41	70.04	69.67	69.16	68.61
PROJECT ELEVATION										69.39	69.59	69.61	69.63	69.65	69.63	69.61	69.59	69.38											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+720.00



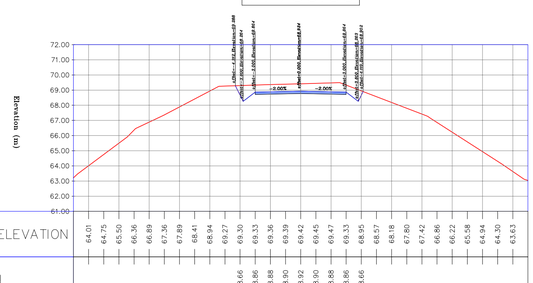
NATURAL GROUND ELEVATION	63.46	64.00	64.60	65.55	66.51	67.51	68.03	68.50	69.01	69.57	69.98	70.03	70.07	70.12	70.16	70.21	70.25	70.30	70.34	70.39	70.32	69.34	69.53	69.12	68.71	68.30	67.90	67.20	66.46
PROJECT ELEVATION											68.96	69.16	69.18	69.20	69.22	69.20	69.18	69.16	68.96										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+728.83



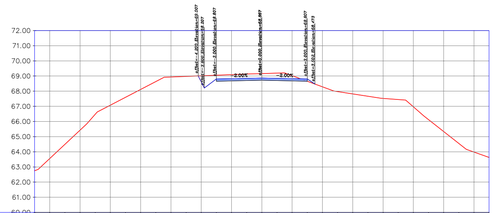
NATURAL GROUND ELEVATION	63.84	64.59	65.35	66.23	66.91	67.38	67.85	68.35	68.88	69.38	69.41	69.44	69.47	69.49	69.52	69.55	69.57	69.57	69.19	68.80	68.41	68.03	67.64	67.16	66.46	65.82	65.17	64.52	63.86
PROJECT ELEVATION										68.69	68.89	68.91	68.93	68.95	68.93	68.91	68.89	68.69											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+730.00



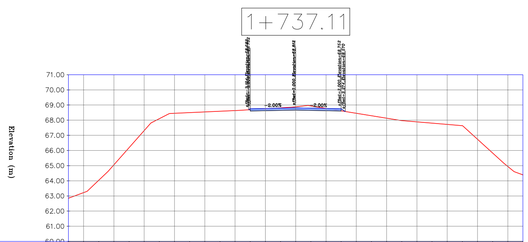
NATURAL GROUND ELEVATION	64.01	64.75	65.50	66.36	66.89	67.36	67.89	68.41	68.94	69.27	69.30	69.33	69.36	69.39	69.42	69.45	69.47	69.33	68.95	68.57	68.18	67.80	67.42	66.86	66.22	65.58	64.94	64.30	63.63
PROJECT ELEVATION										68.66	68.86	68.88	68.90	68.92	68.90	68.88	68.86	68.66											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+732.97



NATURAL GROUND ELEVATION	63.55	64.49	65.43	66.47	67.07	67.59	68.11	68.64	68.94	68.98	69.01	69.05	69.09	69.13	69.16	69.19	69.02	68.66	68.29	67.97	67.82	67.66	67.52	67.45	66.97	66.12	65.34	64.55	63.98
PROJECT ELEVATION										68.61	68.81	68.83	68.85	68.87	68.85	68.83	68.81												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+737.11



NATURAL GROUND ELEVATION	63.22	64.04	65.05	66.18	67.31	68.10	68.45	68.50	68.54	68.59	68.63	68.69	68.75	68.81	68.89	68.94	68.78	68.61	68.45	68.29	68.13	67.97	67.89	67.80	67.72	67.63	66.74	65.83	64.94
PROJECT ELEVATION													68.75	68.77	68.79	68.81	68.79	68.77	68.75										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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

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6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.

7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

LEGEND

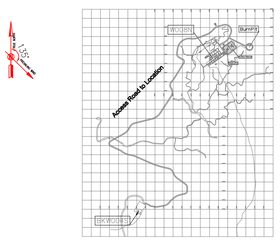
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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 -W008N
ACCESS ROAD-CROSS SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	63 OF 75	D00

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

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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

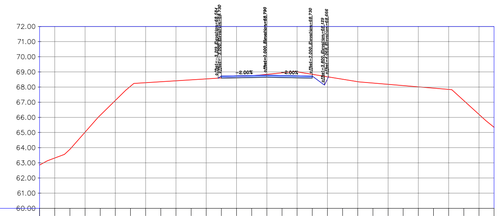
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

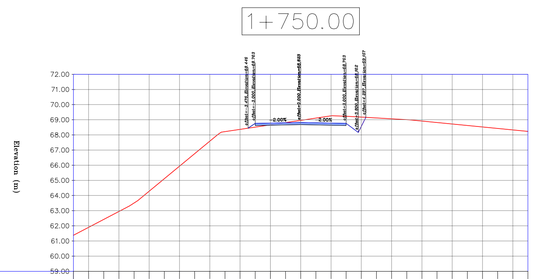
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1+740.00



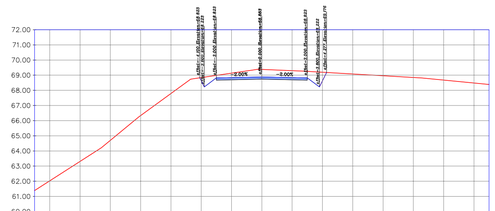
NATURAL GROUND ELEVATION	63.32	63.90	65.02	66.13	67.12	68.05	68.28	68.35	68.41	68.47	68.54	68.60	68.66	68.74	68.84	68.84	69.00	68.84	68.68	68.51	68.35	68.26	68.18	68.10	68.01	67.93	67.84	67.11	66.20
PROJECT ELEVATION												68.71	68.75	68.77	68.79	68.84	68.75	68.73	68.53										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+750.00



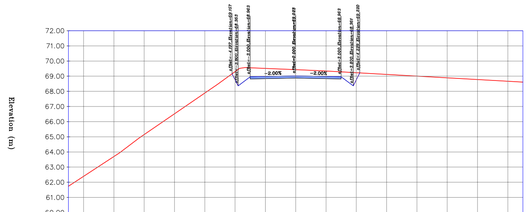
NATURAL GROUND ELEVATION	61.90	62.42	62.95	63.51	64.29	65.11	65.93	66.76	67.58	68.22	68.37	68.52	68.66	68.81	68.96	69.11	69.26	69.22	69.17	69.12	69.06	69.00	68.91	68.82	68.72	68.62	68.52	68.43	68.33
PROJECT ELEVATION												68.76	68.78	68.80	68.82	68.80	68.78	68.76	68.56										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+754.02



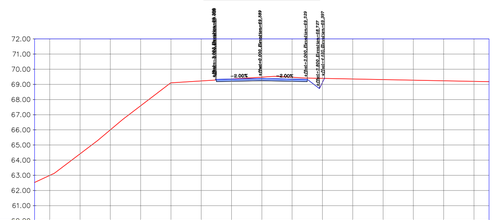
NATURAL GROUND ELEVATION	62.03	62.67	63.31	63.95	64.70	65.52	66.33	67.06	67.79	68.51	68.84	68.99	69.13	69.28	69.38	69.34	69.29	69.25	69.19	69.13	69.08	69.02	68.96	68.91	68.85	68.78	68.68	68.58	68.48
PROJECT ELEVATION											68.62	68.82	68.84	68.86	68.86	68.86	68.84	68.82	68.62										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+760.00



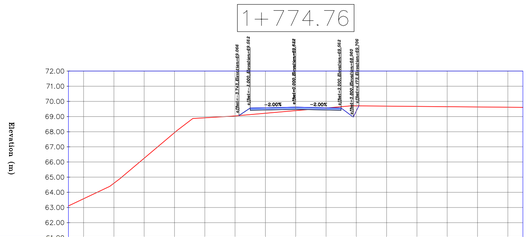
NATURAL GROUND ELEVATION	62.39	63.05	63.70	64.42	65.15	65.83	66.51	67.20	67.88	68.57	69.30	69.56	69.51	69.47	69.43	69.39	69.35	69.29	69.23	69.18	69.12	69.06	69.01	68.95	68.89	68.84	68.78	68.73	68.67
PROJECT ELEVATION										68.76	68.96	68.98	69.00	69.02	69.00	69.00	68.98	68.96	68.76										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+770.00



NATURAL GROUND ELEVATION	62.99	63.66	64.42	65.18	66.00	66.83	67.59	68.35	69.10	69.17	69.23	69.29	69.35	69.42	69.48	69.52	69.47	69.42	69.40	69.38	69.36	69.34	69.32	69.30	69.28	69.26	69.24	69.22	69.20
PROJECT ELEVATION											69.33	69.35	69.37	69.39	69.39	69.37	69.35	69.33	69.13										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+774.76



NATURAL GROUND ELEVATION	63.58	64.05	64.60	65.41	66.25	67.09	67.93	68.71	68.92	68.98	69.04	69.13	69.22	69.30	69.39	69.48	69.56	69.65	69.71	69.70	69.69	69.68	69.67	69.66	69.65	69.64	69.64	69.63	69.62
PROJECT ELEVATION											69.56	69.58	69.60	69.62	69.60	69.58	69.56	69.36											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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

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

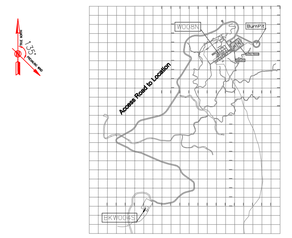
LEGEND

	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION	
B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



***	**********	**.**	***.****	**.**	***.****	
REV.	DESCRIPTION	CHECKED		REV. APPR.		
		BY	DATE	BY	DATE	
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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
W008N WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD-CROSS SECTIONS

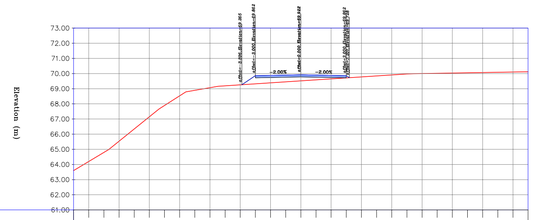
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	64 OF 75	D00

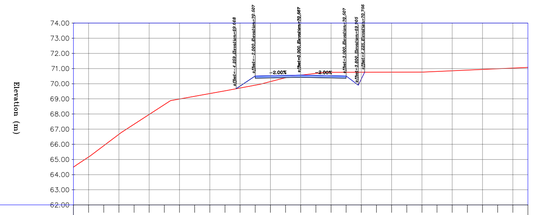
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1+780.00



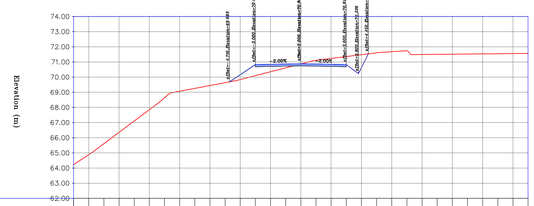
NATURAL GROUND ELEVATION	64.19	64.79	65.53	66.33	67.14	67.89	68.53	68.89	69.07	69.19	69.26	69.32	69.39	69.45	69.52	69.58	69.65	69.71	69.78	69.84	69.91	69.98	70.00	70.02	70.03	70.05	70.07	70.09	70.10
PROJECT ELEVATION											69.86	69.88	69.90	69.92	69.90	69.90	69.88	69.86											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+790.00



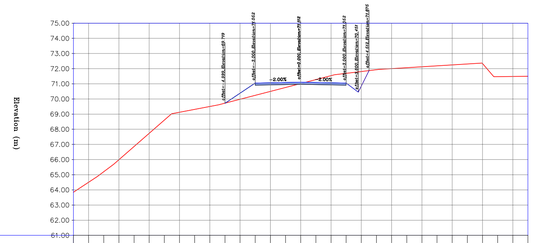
NATURAL GROUND ELEVATION	65.16	65.91	66.66	67.32	67.97	68.62	68.99	69.17	69.35	69.53	69.72	69.90	70.14	70.39	70.56	70.68	70.75	70.75	70.76	70.76	70.76	70.76	70.81	70.85	70.90	70.94	70.99	71.03
PROJECT ELEVATION											69.84	70.51	70.53	70.55	70.57	70.55	70.53	70.51	70.31										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+795.50



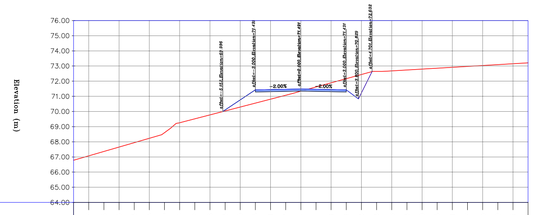
NATURAL GROUND ELEVATION	64.88	65.61	66.35	67.10	67.85	68.64	69.06	69.25	69.44	69.63	69.84	70.10	70.35	70.61	70.87	71.11	71.24	71.36	71.48	71.60	71.68	71.74	71.50	71.51	71.52	71.53	71.54	71.55
PROJECT ELEVATION											70.16	70.83	70.85	70.87	70.87	70.85	70.83	70.63											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+800.00



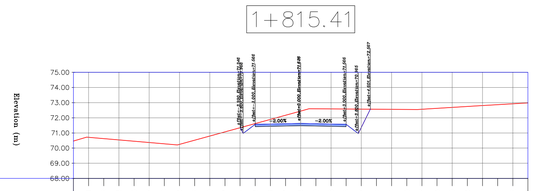
NATURAL GROUND ELEVATION	64.50	65.20	65.99	66.86	67.74	68.61	69.12	69.31	69.50	69.72	69.98	70.24	70.50	70.76	71.02	71.27	71.53	71.69	71.81	71.93	72.01	72.07	72.13	72.19	72.25	72.31	72.34	71.47	71.48
PROJECT ELEVATION											70.39	71.05	71.07	71.09	71.11	71.09	71.07	71.05	70.85										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+810.00



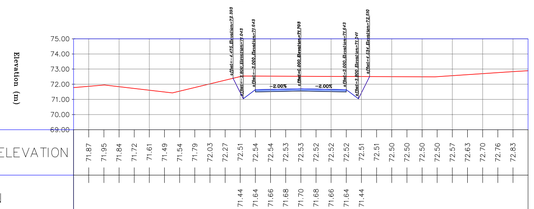
NATURAL GROUND ELEVATION	67.07	67.36	67.65	67.94	68.23	68.60	69.26	69.52	69.78	70.04	70.29	70.55	70.81	71.07	71.34	71.61	71.89	72.16	72.44	72.64	72.68	72.74	72.80	72.85	72.91	72.97	73.03	73.09	73.15
PROJECT ELEVATION										70.10	70.76	71.43	71.45	71.47	71.49	71.47	71.45	71.43	71.23										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+815.41



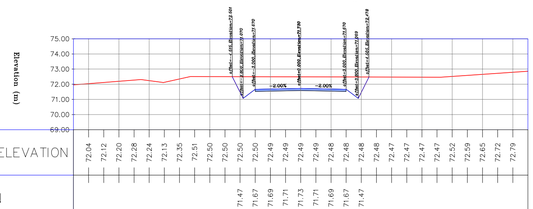
NATURAL GROUND ELEVATION	70.71	70.62	70.54	70.45	70.37	70.28	70.24	70.52	70.79	71.07	71.34	71.62	71.89	72.17	72.44	72.59	72.58	72.58	72.57	72.56	72.56	72.55	72.57	72.63	72.69	72.74	72.80	72.86	72.92
PROJECT ELEVATION											71.57	71.59	71.61	71.63	71.61	71.61	71.59	71.57	71.36										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+820.00



NATURAL GROUND ELEVATION	71.87	71.95	71.84	71.72	71.61	71.49	71.54	71.79	72.03	72.27	72.51	72.54	72.54	72.53	72.53	72.52	72.52	72.52	72.51	72.51	72.50	72.50	72.50	72.50	72.57	72.63	72.70	72.76	72.83
PROJECT ELEVATION											71.44	71.64	71.66	71.68	71.70	71.68	71.66	71.64	71.44										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+822.51



NATURAL GROUND ELEVATION	72.04	72.12	72.20	72.28	72.24	72.13	72.35	72.51	72.50	72.50	72.50	72.50	72.50	72.49	72.49	72.49	72.49	72.48	72.48	72.48	72.48	72.47	72.47	72.47	72.47	72.52	72.59	72.65	72.72	72.79
PROJECT ELEVATION											71.47	71.67	71.69	71.71	71.73	71.71	71.69	71.67	71.47										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.

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

3-GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:

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

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

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

6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.

7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

LEGEND

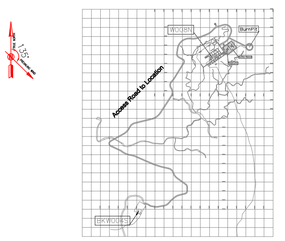
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



***	**********	**.**	***.****	**.**	***.****	
REV.	DESCRIPTION	BY	DATE	BY	DATE	
		CHECKED		REV. APPR.		
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
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 W008N 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
W008N WELLHEAD FACILITIES

DRAWING TITLE:	CIVIL AND STRUCTURAL DRAWINGS -W008N ACCESS ROAD-CROSS SECTIONS				
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	65 OF 75	D00	

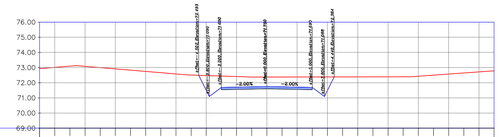
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION	BY:	DATE:

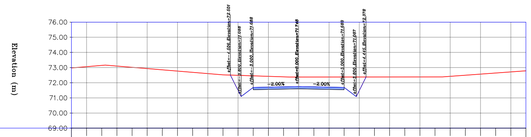
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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1+829.61



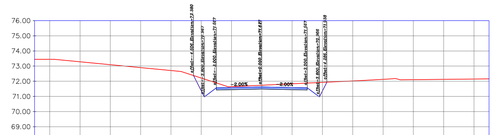
NATURAL GROUND ELEVATION	73.01	73.09	73.08	73.00	72.91	72.83	72.75	72.67	72.58	72.51	72.48	72.44	72.41	72.38	72.36	72.36	72.36	72.38	72.38	72.39	72.39	72.39	72.42	72.50	72.57	72.64	72.72	
PROJECT ELEVATION											71.49	71.69	71.71	71.73	71.75	71.75	71.71	71.69	71.49									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+830.00



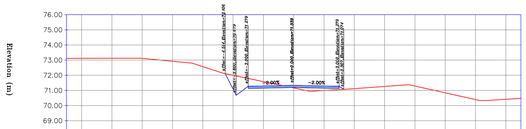
NATURAL GROUND ELEVATION	73.06	73.14	73.10	73.01	72.93	72.85	72.76	72.68	72.60	72.52	72.48	72.45	72.42	72.38	72.37	72.37	72.37	72.36	72.38	72.38	72.38	72.36	72.42	72.49	72.57	72.64	72.71	
PROJECT ELEVATION											71.49	71.69	71.71	71.73	71.75	71.73	71.71	71.69	71.49									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+840.00



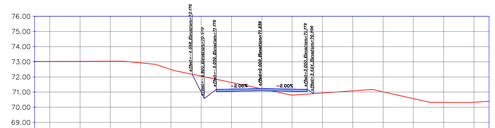
NATURAL GROUND ELEVATION	73.45	73.38	73.28	73.19	73.09	73.00	72.90	72.81	72.71	72.54	72.22	71.89	71.65	71.69	71.74	71.79	71.83	71.88	71.92	71.97	72.02	72.07	72.13	72.13	72.11	72.12	72.13	72.14	72.15
PROJECT ELEVATION											71.37	71.57	71.59	71.61	71.63	71.61	71.59	71.57	71.37										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+850.00



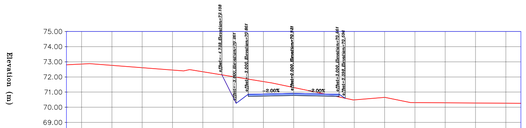
NATURAL GROUND ELEVATION	73.11	73.12	73.12	73.11	73.02	72.92	72.82	72.57	72.24	72.00	71.79	71.58	71.37	71.16	70.95	71.00	71.06	71.12	71.19	71.26	71.34	71.29	71.07	70.84	70.62	70.39	70.35	70.41
PROJECT ELEVATION											71.08	71.28	71.30	71.32	71.34	71.32	71.30	71.28											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+852.54



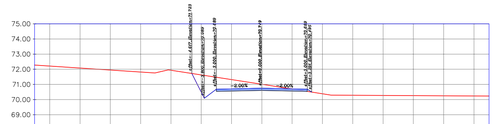
NATURAL GROUND ELEVATION	73.03	73.03	73.03	73.04	73.02	72.93	72.82	72.49	72.26	72.05	71.84	71.63	71.42	71.21	71.00	70.80	70.87	70.94	71.01	71.08	71.16	71.02	70.79	70.57	70.35	70.32	70.31	70.33
PROJECT ELEVATION											70.98	71.18	71.20	71.22	71.24	71.22	71.20	71.18											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+860.00



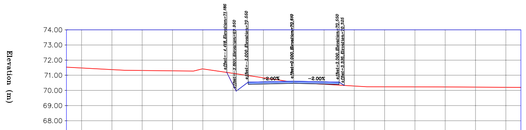
NATURAL GROUND ELEVATION	72.85	72.84	72.76	72.68	72.61	72.53	72.45	72.46	72.34	72.18	72.02	71.86	71.69	71.51	71.30	71.09	70.89	70.68	70.49	70.57	70.65	70.45	70.31	70.30	70.29	70.29	70.28	70.27	70.27
PROJECT ELEVATION											70.66	70.86	70.88	70.90	70.92	70.90	70.88	70.86											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+864.85



NATURAL GROUND ELEVATION	72.21	72.15	72.08	72.02	71.95	71.89	71.82	71.77	71.94	71.78	71.63	71.47	71.32	71.16	71.01	70.85	70.70	70.54	70.39	70.29	70.28	70.27	70.27	70.26	70.25	70.24	70.24	
PROJECT ELEVATION											70.49	70.69	70.71	70.73	70.75	70.73	70.71	70.69										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+870.00



NATURAL GROUND ELEVATION	71.48	71.42	71.37	71.32	71.31	71.30	71.29	71.28	71.42	71.27	71.13	70.98	70.83	70.69	70.54	70.46	70.40	70.34	70.29	70.24	70.24	70.23	70.23	70.23	70.22	70.22	70.21	70.21
PROJECT ELEVATION											70.35	70.55	70.57	70.59	70.61	70.59	70.57	70.55										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MEAN SEA LEVEL
4-THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
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- PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRAL-PEDCO-000-CV-SP-0004".
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7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001
8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

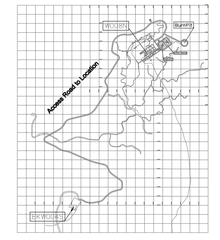
LEGEND

	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/C Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION	
B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



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

D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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
W008N WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

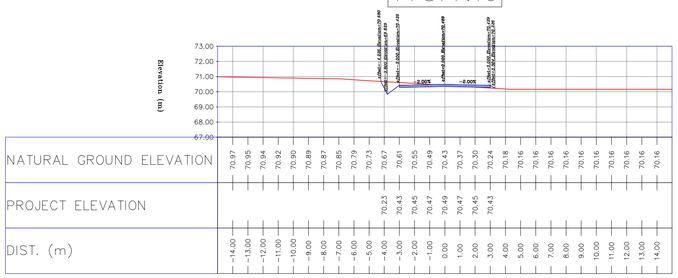
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD-CROSS SECTIONS

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

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	66 OF 75	D00

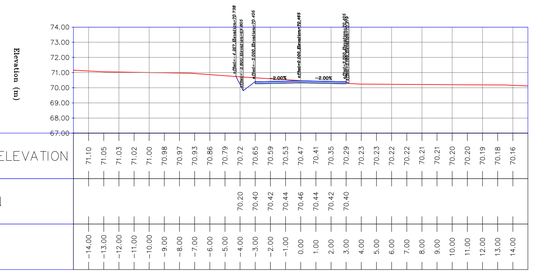
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1+877.16



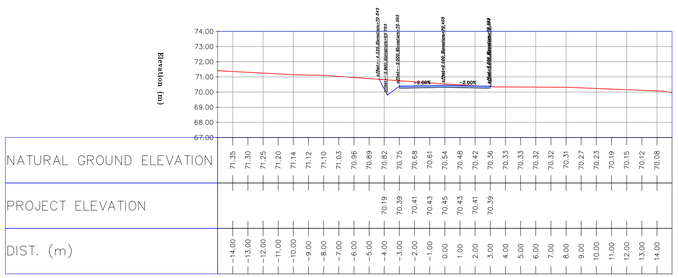
NATURAL GROUND ELEVATION	70.97	70.95	70.94	70.92	70.90	70.89	70.87	70.85	70.79	70.73	70.67	70.61	70.55	70.49	70.43	70.37	70.30	70.24	70.18	70.16	70.16	70.16	70.16	70.16	70.16	70.16	70.16	70.16	70.16	70.16
PROJECT ELEVATION											70.21	70.43	70.45	70.47	70.49	70.47	70.45	70.45												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+880.00



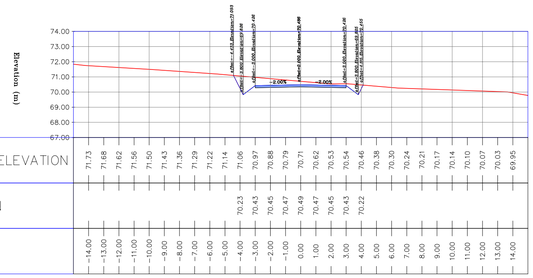
NATURAL GROUND ELEVATION	71.10	71.05	71.03	71.02	71.00	70.98	70.97	70.93	70.85	70.79	70.72	70.65	70.59	70.53	70.47	70.41	70.35	70.29	70.23	70.23	70.22	70.22	70.21	70.21	70.20	70.20	70.19	70.18	70.16	
PROJECT ELEVATION											70.20	70.40	70.42	70.44	70.46	70.44	70.42	70.40												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+884.16



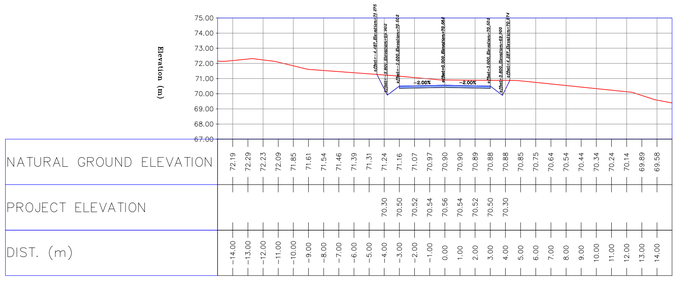
NATURAL GROUND ELEVATION	71.35	71.30	71.25	71.20	71.14	71.12	71.10	71.03	70.96	70.89	70.82	70.75	70.68	70.61	70.54	70.48	70.42	70.36	70.33	70.33	70.32	70.32	70.31	70.27	70.23	70.19	70.15	70.12	70.08	
PROJECT ELEVATION											70.19	70.39	70.41	70.43	70.45	70.43	70.43	70.41	70.39											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+890.00



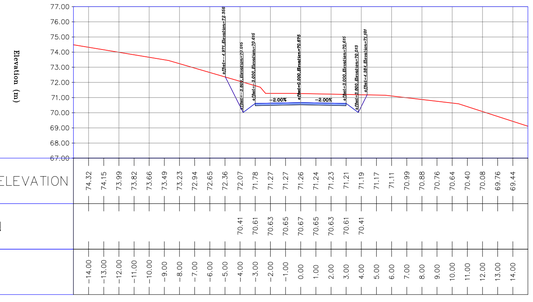
NATURAL GROUND ELEVATION	71.73	71.68	71.62	71.56	71.50	71.43	71.36	71.29	71.22	71.14	71.06	70.97	70.88	70.79	70.71	70.62	70.53	70.54	70.46	70.38	70.30	70.24	70.21	70.17	70.14	70.10	70.07	70.03	69.95	
PROJECT ELEVATION											70.23	70.43	70.45	70.47	70.49	70.47	70.45	70.43	70.22											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+895.10



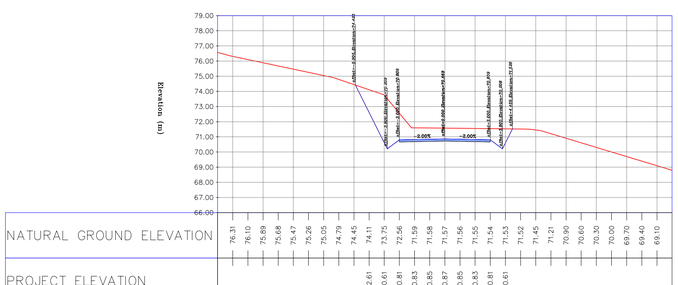
NATURAL GROUND ELEVATION	72.19	72.29	72.23	72.09	71.85	71.61	71.54	71.46	71.39	71.31	71.24	71.16	71.07	70.97	70.90	70.90	70.89	70.88	70.88	70.85	70.75	70.64	70.54	70.44	70.34	70.24	70.14	69.89	69.58	
PROJECT ELEVATION											70.30	70.50	70.52	70.54	70.56	70.54	70.52	70.50	70.30											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+900.00



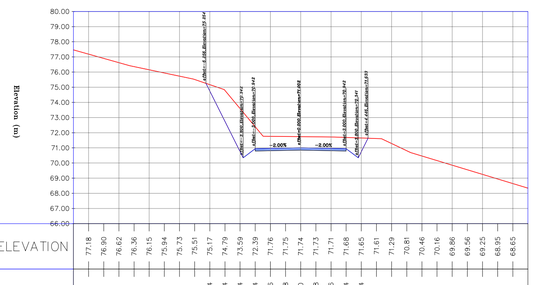
NATURAL GROUND ELEVATION	74.32	74.15	73.99	73.82	73.66	73.49	73.33	73.84	72.65	72.36	72.07	71.78	71.27	71.27	71.26	71.24	71.23	71.21	71.19	71.17	71.11	70.99	70.85	70.76	70.64	70.40	70.08	69.76	69.44	
PROJECT ELEVATION											70.41	70.61	70.63	70.65	70.67	70.65	70.63	70.61	70.41											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+906.04



NATURAL GROUND ELEVATION	76.31	76.10	75.89	75.68	75.47	75.26	75.05	74.79	74.45	74.11	73.75	73.56	71.59	71.58	71.57	71.56	71.55	71.54	71.53	71.52	71.45	71.21	70.90	70.60	70.30	70.00	69.70	69.40	69.10	
PROJECT ELEVATION											72.61	70.81	70.83	70.85	70.87	70.85	70.83	70.81	70.61											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

1+909.36



NATURAL GROUND ELEVATION	77.18	76.90	76.62	76.36	76.15	75.94	75.73	75.51	75.17	74.79	73.59	72.39	71.76	71.75	71.74	71.73	71.71	71.68	71.65	71.61	71.29	70.81	70.46	70.16	69.86	69.56	69.25	68.95	68.65	
PROJECT ELEVATION									74.74	72.74	70.74	70.94	70.96	70.98	71.00	70.98	70.96	70.94	70.74											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

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:	MEAN SEA LEVEL

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

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

6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.

7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

LEGEND

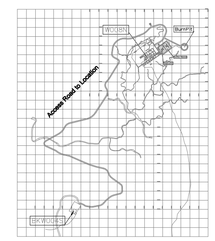
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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 -W008N
ACCESS ROAD-CROSS SECTIONS

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

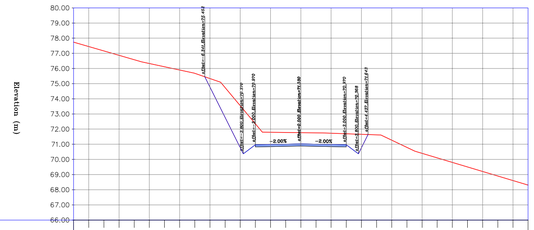
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	67 OF 75	D00

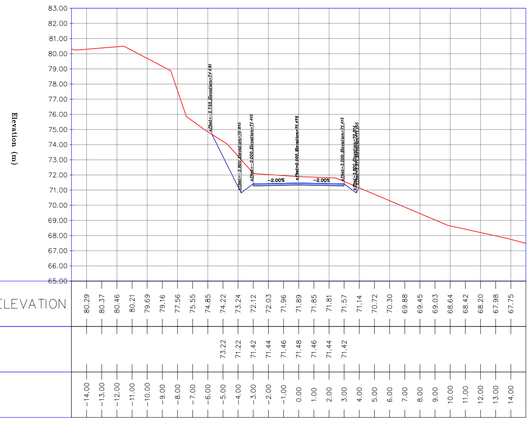
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053-073-9184	F	4	S	707864	67	D00

1+910.00



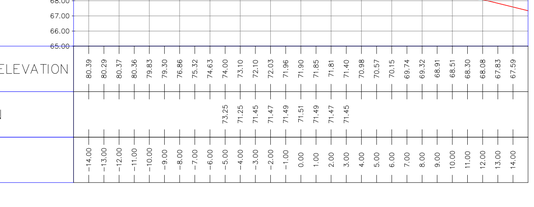
NATURAL GROUND ELEVATION	77.45	77.16	76.87	76.58	76.33	76.11	75.90	75.68	75.33	74.74	73.54	72.34	71.79	71.78	71.77	71.76	71.73	71.69	71.66	71.62	71.27	70.80	70.40	70.11	69.81	69.51	69.21	68.91	68.61
PROJECT ELEVATION									74.77	72.77	70.77	70.97	70.99	71.01	71.03	71.01	70.99	70.97	70.77										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+920.00



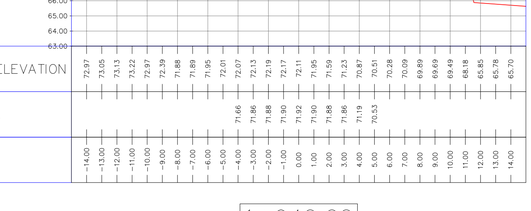
NATURAL GROUND ELEVATION	80.29	80.37	80.46	80.21	79.69	79.16	77.56	75.55	74.85	74.22	73.24	72.12	72.03	71.96	71.89	71.85	71.81	71.57	71.14	70.72	70.30	69.88	69.45	69.03	68.64	68.42	68.20	67.98	67.75
PROJECT ELEVATION									73.22	71.22	71.22	71.42	71.44	71.46	71.48	71.46	71.44	71.42											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+920.85



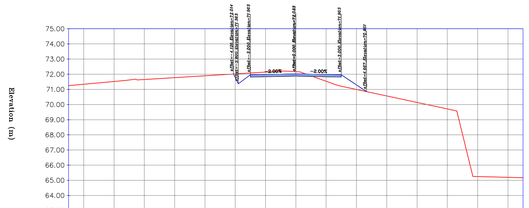
NATURAL GROUND ELEVATION	80.39	80.29	80.37	80.36	79.83	79.30	76.86	75.32	74.63	74.00	73.10	72.10	72.03	71.96	71.90	71.85	71.81	71.40	70.98	70.57	70.15	69.74	69.32	68.91	68.51	68.30	68.08	67.83	67.59
PROJECT ELEVATION									73.25	71.25	71.25	71.47	71.49	71.51	71.49	71.47	71.45												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+930.00



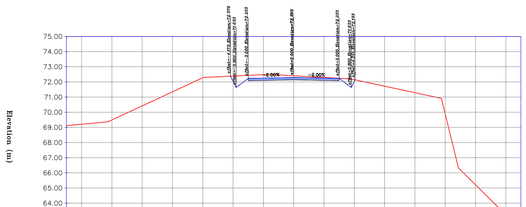
NATURAL GROUND ELEVATION	72.97	73.05	73.13	73.22	72.97	72.39	71.88	71.89	71.95	72.01	72.07	72.13	72.19	72.17	72.11	71.95	71.59	71.23	70.87	70.51	70.28	70.09	69.89	69.69	69.49	68.18	65.85	65.78	65.70
PROJECT ELEVATION											71.66	71.86	71.88	71.90	71.92	71.90	71.88	71.86	71.19	70.53									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+932.33



NATURAL GROUND ELEVATION	71.34	71.43	71.52	71.62	71.65	71.71	71.77	71.84	71.90	71.96	72.02	72.08	72.14	72.21	72.17	71.89	71.53	71.21	70.99	70.78	70.57	70.35	70.14	69.93	69.71	68.05	65.25	65.22	65.20
PROJECT ELEVATION											71.76	71.96	71.98	72.00	72.02	72.00	71.98	71.96	71.30										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+940.00



NATURAL GROUND ELEVATION	69.21	69.30	69.49	69.96	70.42	70.89	71.35	71.82	72.28	72.34	72.39	72.43	72.48	72.46	72.41	72.35	72.29	72.24	72.14	71.93	71.72	71.50	71.29	71.08	66.21	65.22	64.23	63.23	
PROJECT ELEVATION											72.03	72.23	72.25	72.27	72.29	72.27	72.25	72.23	72.03										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.

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

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

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

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

6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.

7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

LEGEND

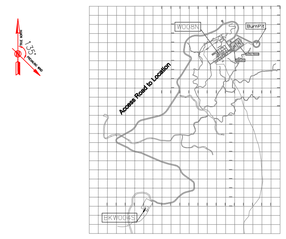
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
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MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PP-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
***	**********	**.**	***.****	**.**	***.****
		CHECKED		REV. APPR.	
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
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 W008N 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
W008N WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD-CROSS SECTIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

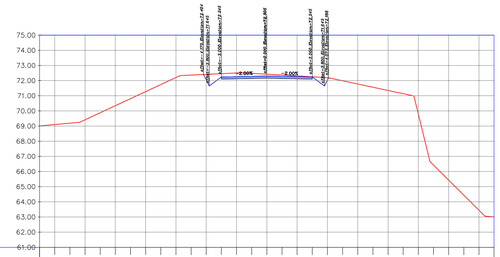
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	68 OF 75	D00

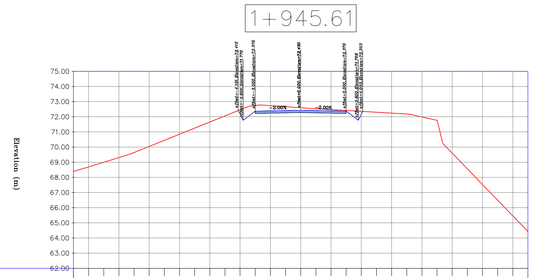
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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1+940.39



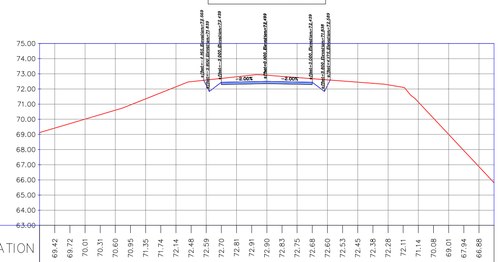
NATURAL GROUND ELEVATION	69.10	69.19	69.41	69.88	70.35	70.81	71.28	71.74	72.21	72.17	72.41	72.46	72.50	72.48	72.42	72.36	72.31	72.25	72.20	71.99	71.78	71.56	71.35	71.14	69.79	66.42	65.43	64.44	63.45
PROJECT ELEVATION										72.04	72.24	72.26	72.28	72.50	72.28	72.26	72.24	72.04											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+945.61



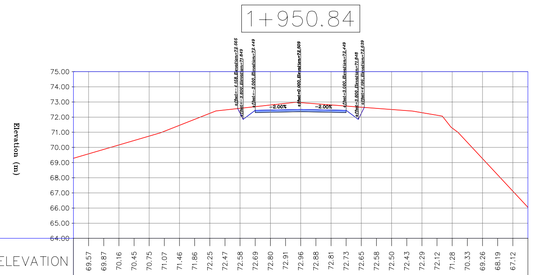
NATURAL GROUND ELEVATION	68.69	69.00	69.30	69.64	70.04	70.44	70.85	71.25	71.65	72.06	72.46	72.74	72.74	72.67	72.60	72.53	72.48	72.42	72.36	72.30	72.24	72.18	71.99	71.76	69.60	68.57	67.53	66.50	65.46
PROJECT ELEVATION											72.17	72.37	72.39	72.41	72.43	72.41	72.39	72.37	72.17										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+950.00



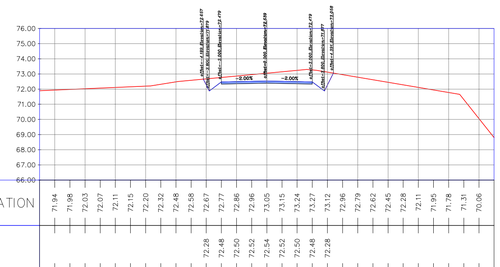
NATURAL GROUND ELEVATION	69.42	69.72	70.01	70.31	70.60	70.95	71.35	71.74	72.14	72.48	72.59	72.70	72.81	72.91	72.90	72.83	72.75	72.68	72.60	72.53	72.45	72.38	72.28	72.11	71.14	70.08	69.01	67.94	66.88
PROJECT ELEVATION										72.24	72.44	72.46	72.48	72.50	72.48	72.46	72.44	72.24											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+950.84



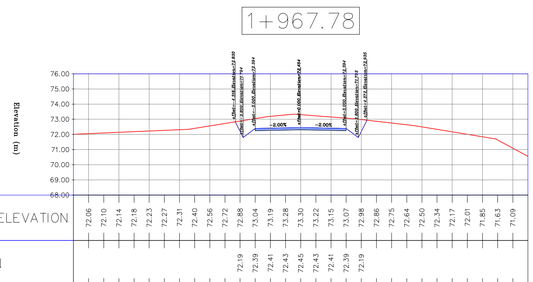
NATURAL GROUND ELEVATION	69.57	69.87	70.16	70.45	70.75	71.07	71.46	71.86	72.25	72.47	72.58	72.69	72.80	72.91	72.96	72.88	72.81	72.73	72.65	72.58	72.50	72.43	72.29	72.12	71.28	70.33	69.26	68.19	67.12
PROJECT ELEVATION										72.25	72.45	72.47	72.49	72.51	72.49	72.47	72.45	72.25											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+960.00



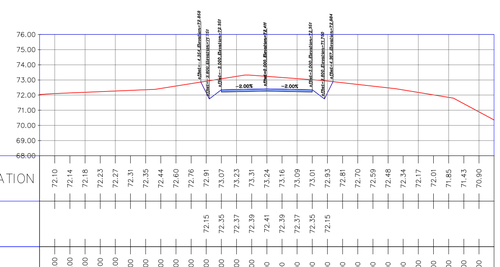
NATURAL GROUND ELEVATION	71.94	71.88	72.03	72.07	72.11	72.15	72.20	72.32	72.48	72.58	72.67	72.77	72.86	72.96	73.05	73.15	73.24	73.27	73.12	72.96	72.79	72.62	72.45	72.28	72.11	71.95	71.78	71.31	70.06
PROJECT ELEVATION										72.28	72.48	72.50	72.52	72.54	72.52	72.50	72.48	72.28											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+967.78



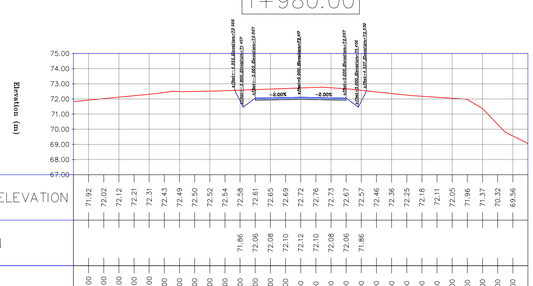
NATURAL GROUND ELEVATION	72.06	72.10	72.14	72.18	72.23	72.27	72.31	72.40	72.56	72.72	72.85	73.04	73.19	73.28	73.30	73.22	73.15	73.07	72.98	72.86	72.75	72.64	72.50	72.34	72.17	72.01	71.85	71.63	71.09
PROJECT ELEVATION											72.19	72.39	72.41	72.43	72.45	72.43	72.41	72.39	72.19										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+970.00



NATURAL GROUND ELEVATION	72.10	72.14	72.18	72.23	72.27	72.31	72.35	72.44	72.60	72.76	72.91	73.07	73.23	73.31	73.24	73.16	73.09	73.01	72.93	72.81	72.70	72.59	72.48	72.34	72.17	72.01	71.85	71.43	70.90
PROJECT ELEVATION											72.15	72.35	72.37	72.39	72.41	72.39	72.37	72.35	72.15										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+980.00



NATURAL GROUND ELEVATION	71.92	72.02	72.12	72.21	72.31	72.43	72.49	72.60	72.52	72.54	72.58	72.61	72.65	72.69	72.72	72.76	72.73	72.67	72.57	72.46	72.36	72.25	72.18	72.11	72.05	71.96	71.37	70.32	69.56
PROJECT ELEVATION											71.80	72.06	72.08	72.10	72.12	72.10	72.08	72.06	71.80										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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LEGEND

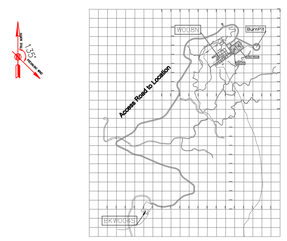
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
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PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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
W008N WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD-CROSS SECTIONS

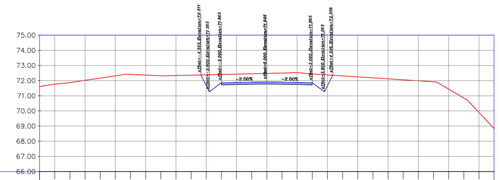
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NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

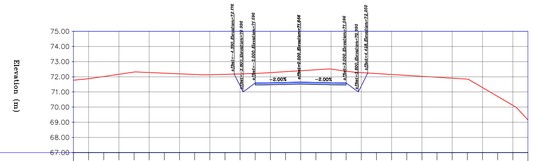
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H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	69 OF 75	D00	053-073-9184	F	4	S	707864	69	D00

1+984.62



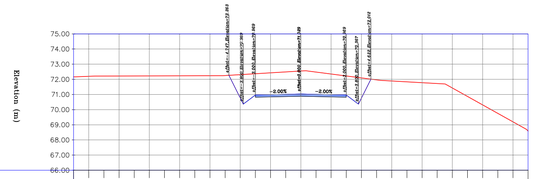
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PROJECT ELEVATION											71.66	71.86	71.88	71.90	71.92	71.90	71.88	71.86	71.66										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

1+990.00



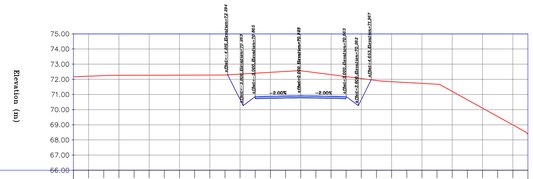
NATURAL GROUND ELEVATION	71.87	72.02	72.16	72.31	72.28	72.24	72.19	72.15	72.13	72.16	72.19	72.21	72.27	72.34	72.40	72.46	72.51	72.37	72.28	72.21	72.15	72.09	72.03	71.97	71.90	71.84	71.28	70.70	70.12
PROJECT ELEVATION											71.40	71.60	71.62	71.64	71.66	71.64	71.62	71.60	71.59										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+000.00



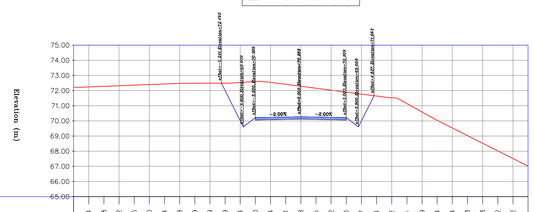
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PROJECT ELEVATION									70.77	70.97	70.99	71.01	71.03	71.01	71.01	70.99	70.97	70.77											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+001.46



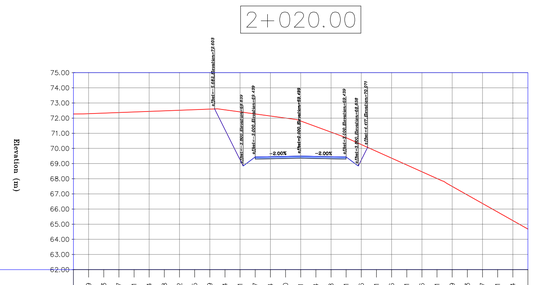
NATURAL GROUND ELEVATION	72.21	72.24	72.26	72.27	72.27	72.27	72.28	72.28	72.28	72.34	72.40	72.46	72.52	72.56	72.44	72.31	72.18	72.05	71.92	71.84	71.79	71.73	71.68	71.20	70.65	70.10	69.54	68.99	
PROJECT ELEVATION									70.66	70.86	70.88	70.90	70.92	70.90	70.88	70.86	70.66												
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+010.00



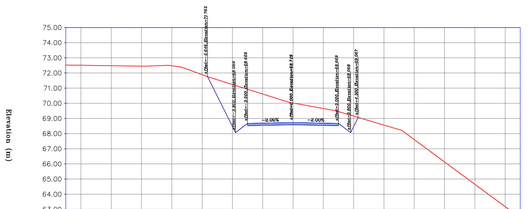
NATURAL GROUND ELEVATION	72.24	72.28	72.32	72.36	72.40	72.44	72.48	72.49	72.49	72.54	72.60	72.64	72.61	72.41	72.28	72.15	72.02	71.90	71.77	71.64	71.52	71.14	70.59	70.04	69.54	69.03	68.53	68.02	67.52
PROJECT ELEVATION											72.01	72.01	70.21	70.23	70.25	70.27	70.25	70.23	70.21	70.01									
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+020.00



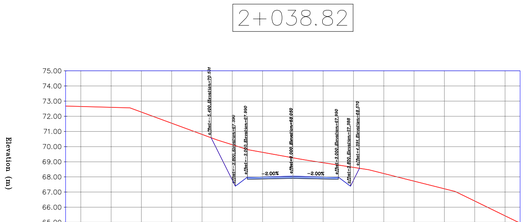
NATURAL GROUND ELEVATION	72.29	72.33	72.37	72.41	72.44	72.48	72.52	72.55	72.59	72.54	72.41	72.27	72.14	72.00	71.81	71.44	71.08	70.71	70.26	69.81	69.36	68.91	68.46	68.01	67.49	66.93	66.37	65.81	65.24
PROJECT ELEVATION									71.24	69.24	69.44	69.46	69.48	69.50	69.48	69.46	69.46	69.44	69.24										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+030.00



NATURAL GROUND ELEVATION	72.51	72.50	72.48	72.47	72.45	72.48	72.48	72.26	71.89	71.55	71.24	70.93	70.61	70.30	70.02	69.84	69.66	69.45	69.16	68.86	68.56	68.27	67.60	66.87	66.13	65.39	64.66	63.92	63.18
PROJECT ELEVATION									70.47	68.47	68.67	68.69	68.71	68.73	68.71	68.69	68.69	68.67	68.47										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

2+038.82



NATURAL GROUND ELEVATION	72.64	72.62	72.59	72.56	72.28	71.91	71.54	71.18	70.81	70.44	70.13	69.81	69.63	69.44	69.26	69.09	68.94	68.78	68.63	68.48	68.22	67.97	67.72	67.47	67.21	66.90	66.41	65.92	65.44
PROJECT ELEVATION									69.79	67.79	67.89	67.89	68.01	68.03	68.05	68.03	68.01	67.89	67.79										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

NOTES

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

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

LEGEND

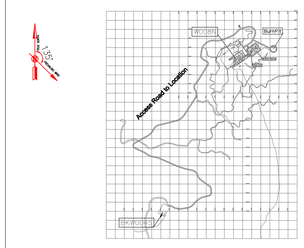
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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 -W008N
ACCESS ROAD-CROSS SECTIONS

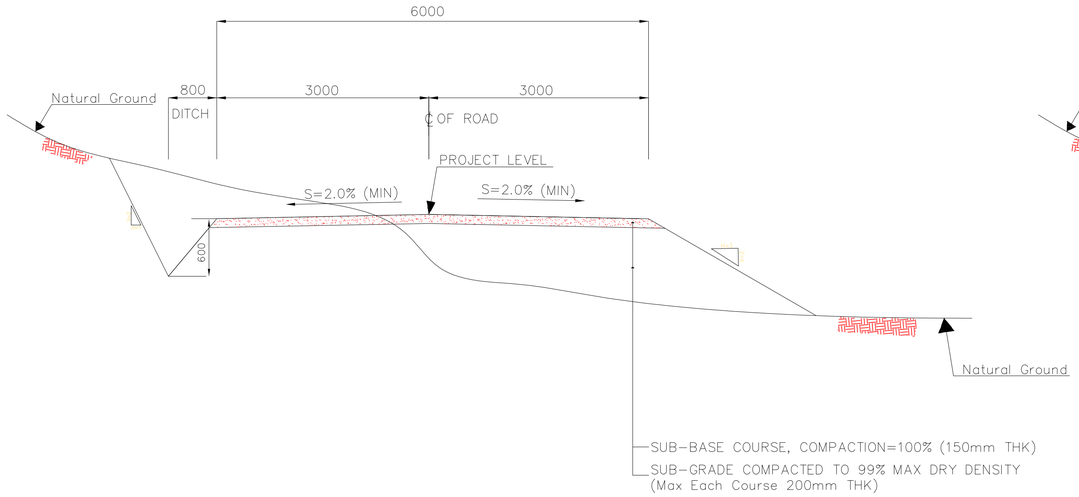
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

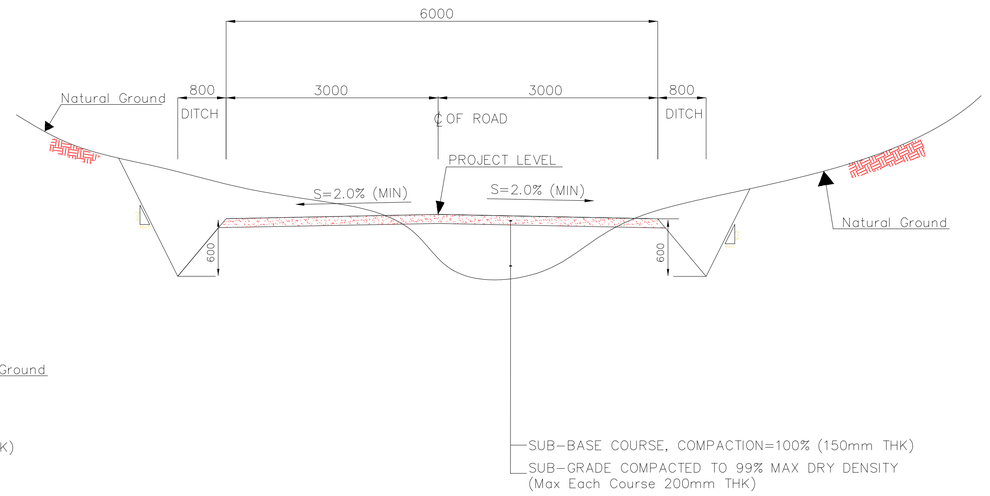
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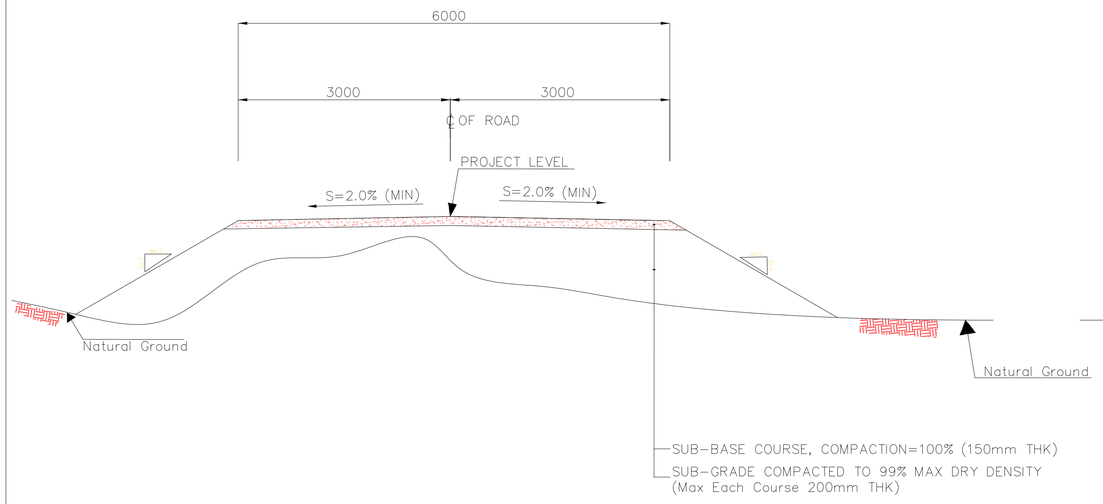
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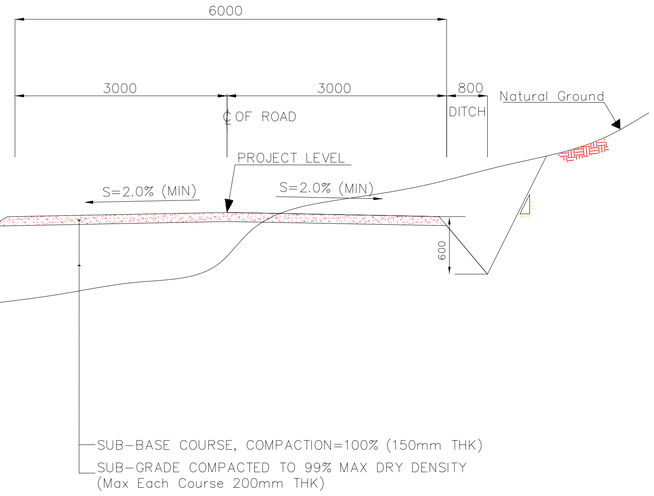
APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	70 OF 75	D00	053-073-9184	F	4	S	707864	70	D00









TYPICAL CROSS SECTIONS (Access Road)

N.T.S. 1

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:	MEAN SEA LEVEL

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

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

6-NEW CULVERTS SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.

7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001

8-THE EXACT LOCATION OF CULVERTS SHALL BE ADJUSTED AT SITE.

LEGEND

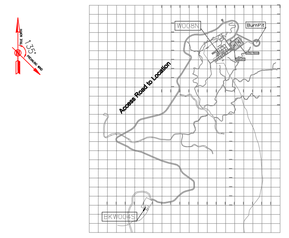
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 50	CONTOURS	AT PROFILE / AT PLAN (DEMOLISHED)	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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
W008N WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD-CROSS SECTIONS

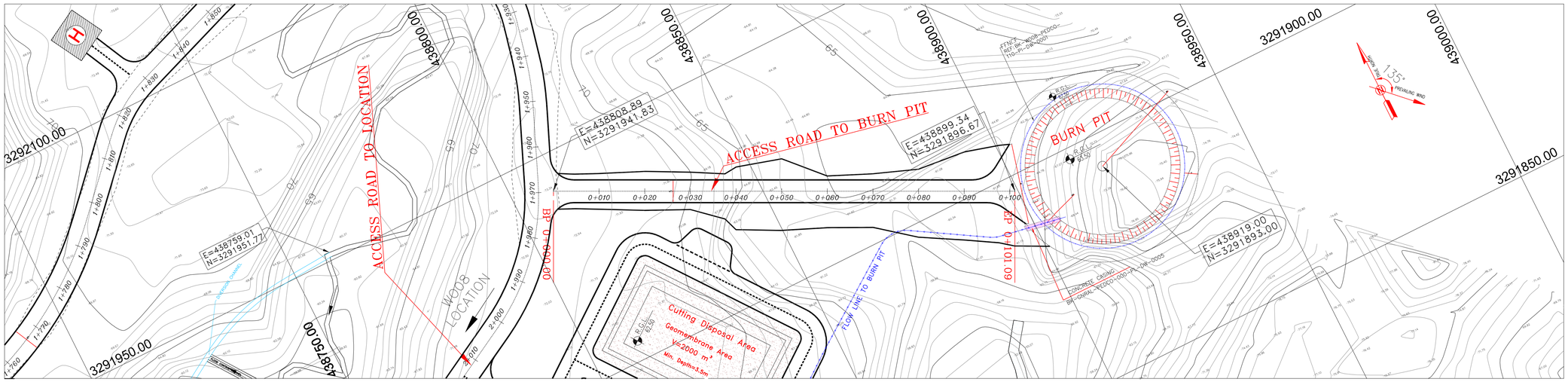
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

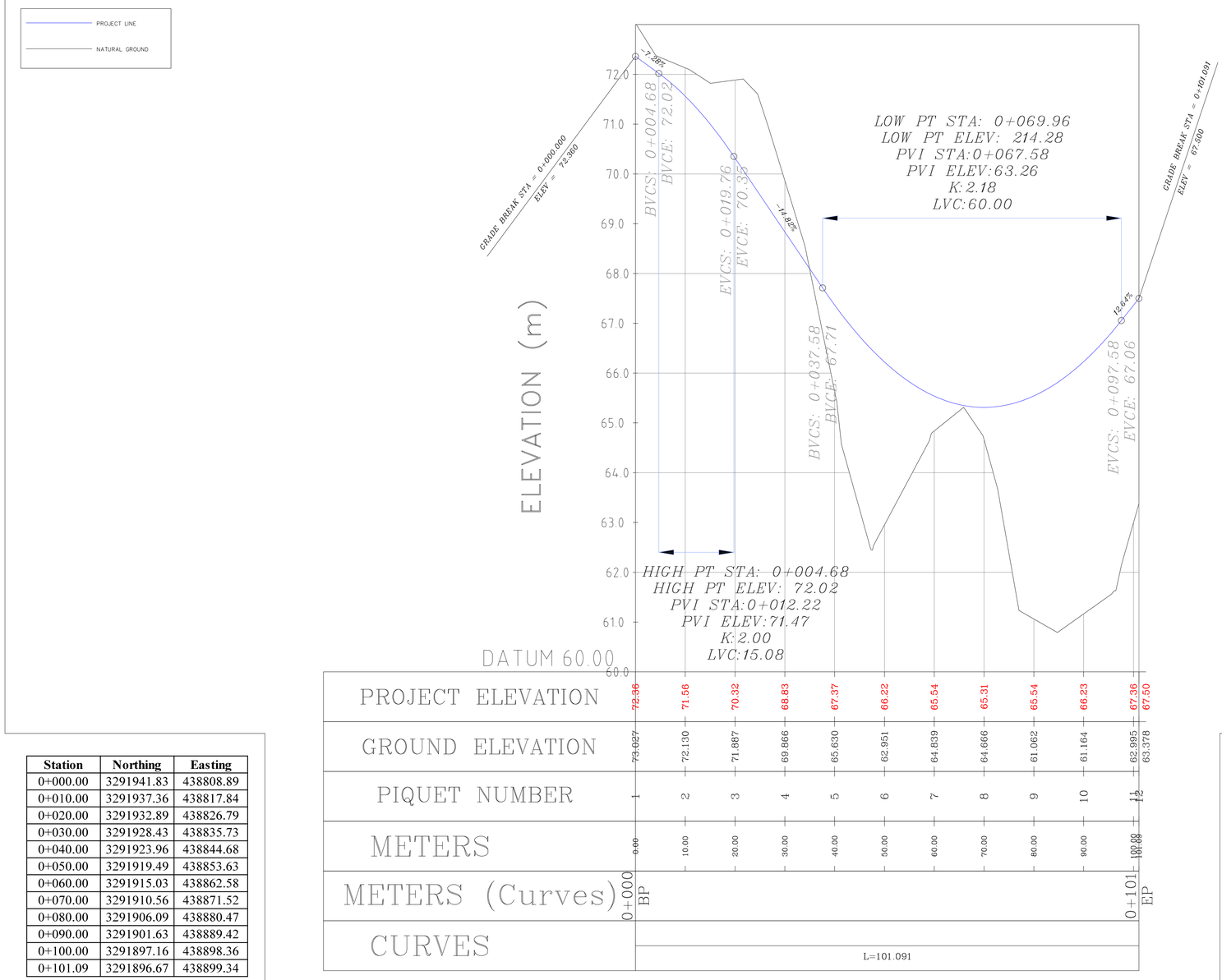
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	71 OF 75	D00

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707864	71	D00





Station	Northing	Easting
0+000.00	3291941.83	438808.89
0+010.00	3291937.36	438817.84
0+020.00	3291932.89	438826.79
0+030.00	3291928.43	438835.73
0+040.00	3291923.96	438844.68
0+050.00	3291919.49	438853.63
0+060.00	3291915.03	438862.58
0+070.00	3291910.56	438871.52
0+080.00	3291906.09	438880.47
0+090.00	3291901.63	438889.42
0+100.00	3291897.16	438898.36
0+101.09	3291896.67	438899.34

NOTES

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

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

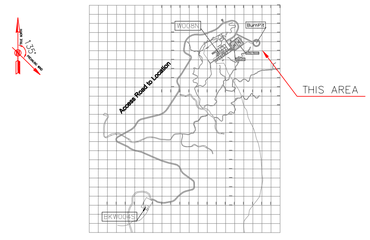
LEGEND

	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION	
B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



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

D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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 -W008N
ACCESS ROAD TO BURN PIT-PLAN and PROFILE

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/500 V=1/50	A1	BK-W008N-PEDCO-110-CV-PY-0002	72 OF 75	D00

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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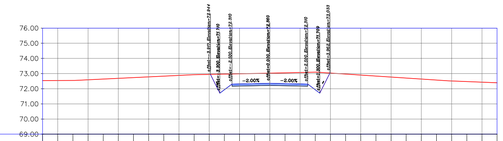
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

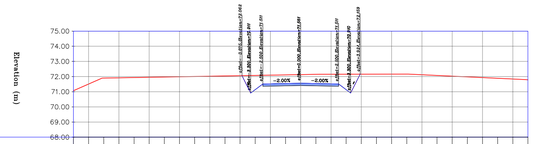
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707864	72	D00

0+000.00



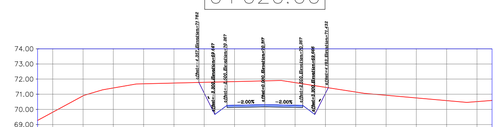
NATURAL GROUND ELEVATION	72.54	72.54	72.59	72.64	72.68	72.73	72.78	72.83	72.87	72.92	72.94	72.98	72.98	73.01	73.03	73.05	73.07	73.09	73.03	72.97	72.90	72.83	72.77	72.70	72.64	72.57	72.51	72.47	72.43
PROJECT ELEVATION												71.94	72.32	72.34	72.36	72.34	72.32	71.93											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+010.00



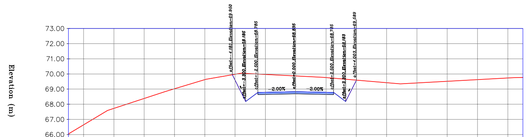
NATURAL GROUND ELEVATION	71.51	71.90	71.92	71.94	71.95	71.97	71.99	72.01	72.02	72.04	72.06	72.08	72.10	72.11	72.13	72.15	72.15	72.16	72.16	72.16	72.16	72.17	72.12	72.08	72.03	71.98	71.93	71.88	71.84
PROJECT ELEVATION												71.14	71.52	71.54	71.56	71.54	71.52	71.14											
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+020.00



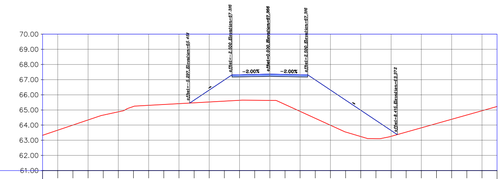
NATURAL GROUND ELEVATION	69.81	70.35	70.89	71.21	71.42	71.59	71.69	71.72	71.74	71.77	71.79	71.81	71.84	71.86	71.89	71.91	71.77	71.61	71.46	71.30	71.15	71.02	70.94	70.85	70.76	70.67	70.58	70.49	70.51
PROJECT ELEVATION											71.07	69.89	70.28	70.30	70.32	70.28	70.30	69.89	71.07										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+030.00



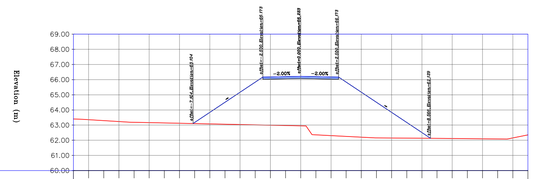
NATURAL GROUND ELEVATION	66.64	67.24	67.73	68.05	68.38	68.71	69.02	69.32	69.63	69.81	69.98	70.02	69.97	69.92	69.87	69.81	69.76	69.67	69.59	69.51	69.42	69.35	69.40	69.46	69.51	69.57	69.62	69.68	69.73
PROJECT ELEVATION											69.58	68.41	68.79	68.81	68.83	68.81	68.79	68.41	65.58										
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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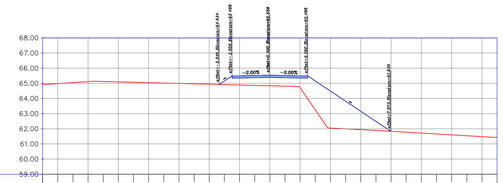
NATURAL GROUND ELEVATION	63.67	64.00	64.34	64.66	64.87	65.23	65.30	65.36	65.41	65.47	65.52	65.58	65.63	65.64	65.63	65.63	65.36	64.90	64.45	64.00	63.55	63.25	63.11	63.26	63.54	63.82	64.10	64.38	64.66	64.94
PROJECT ELEVATION											65.65	66.32	66.98	67.33	67.35	67.37	67.35	67.33	66.32	65.65	64.98	64.32	63.65							
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	

0+050.00



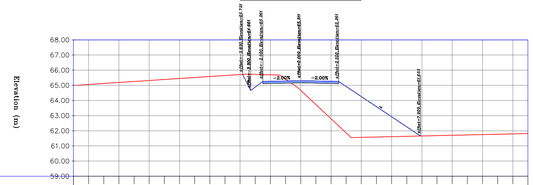
NATURAL GROUND ELEVATION	63.36	63.30	63.24	63.19	63.17	63.14	63.12	63.10	63.08	63.06	63.04	63.02	62.99	62.97	62.95	62.36	62.31	62.26	62.20	62.16	62.15	62.14	62.13	62.13	62.12	62.11	62.10	62.09	62.15
PROJECT ELEVATION												63.17	63.84	64.51	65.17	65.84	66.18	66.22	66.20	66.18	65.84	65.17	64.51	63.84	63.17	62.51			
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+060.00



NATURAL GROUND ELEVATION	64.98	65.05	65.11	65.12	65.09	65.07	65.04	65.02	64.99	64.97	64.94	64.92	64.89	64.86	64.84	64.81	64.71	63.25	62.05	62.00	61.95	61.90	61.84	61.78	61.72	61.66	61.60	61.54	61.48
PROJECT ELEVATION											65.15	65.50	65.52	65.54	65.52	65.50	65.15	64.49	63.82	63.15	62.49								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+070.00



NATURAL GROUND ELEVATION	65.06	65.12	65.19	65.25	65.32	65.38	65.45	65.51	65.58	65.64	65.71	65.72	65.69	65.41	64.67	63.73	62.80	61.86	61.56	61.59	61.61	61.63	61.66	61.68	61.70	61.73	61.75	61.77	61.80
PROJECT ELEVATION											64.89	65.27	65.29	65.31	65.29	65.27	64.93	64.26	63.59	62.93	62.26								
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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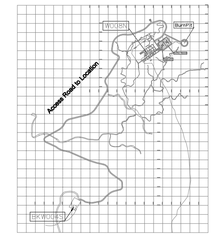
LEGEND

	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
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99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
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	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
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60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
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Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
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KEY PLAN



REV.	DATE	DESCRIPTION				
						.
						.
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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 W008N 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
W008N WELLHEAD FACILITIES

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD TO BURN PIT-CROSS SECTIONS

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

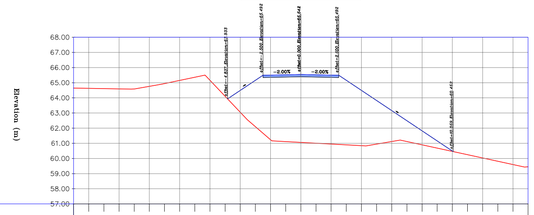
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APPROVED FOR CONSTRUCTION | BY: | DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
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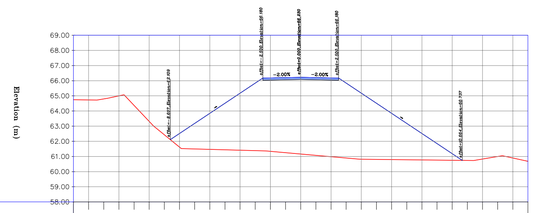
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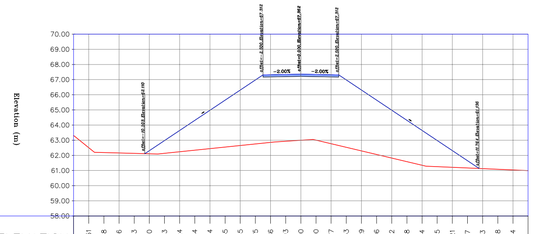
NATURAL GROUND ELEVATION	64.63	64.61	64.59	64.59	64.76	64.94	65.15	65.36	65.16	64.11	63.05	63.10	61.24	61.12	61.06	61.01	60.95	60.90	60.84	60.95	61.12	61.11	60.90	60.88	60.46	60.25	60.03	59.82	59.60
PROJECT ELEVATION											64.49	65.16	65.50	65.52	65.54	65.52	65.50	65.16	64.49	63.82	63.16	62.49	61.82	61.16	60.49				
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+090.00



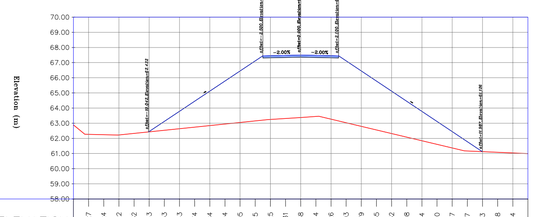
NATURAL GROUND ELEVATION	64.73	64.80	65.00	64.37	63.31	62.43	61.61	61.50	61.47	61.44	61.41	61.39	61.34	61.25	61.16	61.08	60.99	60.90	60.82	60.81	60.79	60.78	60.77	60.76	60.75	60.73	60.83	60.99	60.90
PROJECT ELEVATION							62.51	63.18	63.85	64.51	65.18	65.85	66.19	66.21	66.23	66.21	66.19	65.85	65.18	64.51	63.85	63.18	62.51	61.85	61.18				
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+100.00



NATURAL GROUND ELEVATION	62.51	62.18	62.16	62.13	62.10	62.13	62.24	62.34	62.44	62.55	62.65	62.75	62.86	62.93	63.00	63.00	62.77	62.53	62.29	62.06	61.82	61.58	61.34	61.25	61.21	61.17	61.13	61.08	61.04
PROJECT ELEVATION					62.31	62.98	63.65	64.31	64.98	65.65	66.31	66.98	67.32	67.34	67.36	67.34	67.32	66.98	66.31	65.65	64.98	64.31	63.65	62.98	62.31	61.65			
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

0+101.09



NATURAL GROUND ELEVATION	62.27	62.24	62.22	62.32	62.43	62.53	62.63	62.74	62.84	62.94	63.05	63.15	63.25	63.31	63.38	63.44	63.44	63.26	63.03	62.79	62.56	62.32	62.08	61.84	61.60	61.37	61.17	61.13	61.08	61.04
PROJECT ELEVATION					62.45	63.12	63.78	64.45	65.12	65.78	66.45	67.12	67.46	67.48	67.50	67.48	67.46	67.12	66.45	65.78	65.12	64.45	63.78	63.12	62.45	61.78				
DIST. (m)	-14.00	-13.00	-12.00	-11.00	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00

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

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

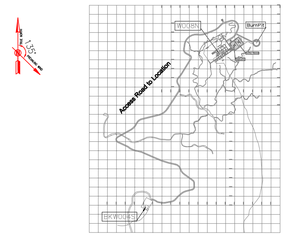
LEGEND

	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W008N	BK-W008N-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION	
B.P.=BEGIN OF PLAN	PVI= POINT OF VRTICAL INTERSECTION
E.P.=END OF PLAN	BVCS= BEGIN OF VERTICAL CURVE STATION
EX.=EXISITING	BVCE= BEGIN OF VERTICAL CURVE ELEVATION
PT= POINT OF TANGENT	EVCS= END OF VERTICAL CURVE STATION
PC= POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE ELEVATION
LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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
W008N WELLHEAD FACILITIES

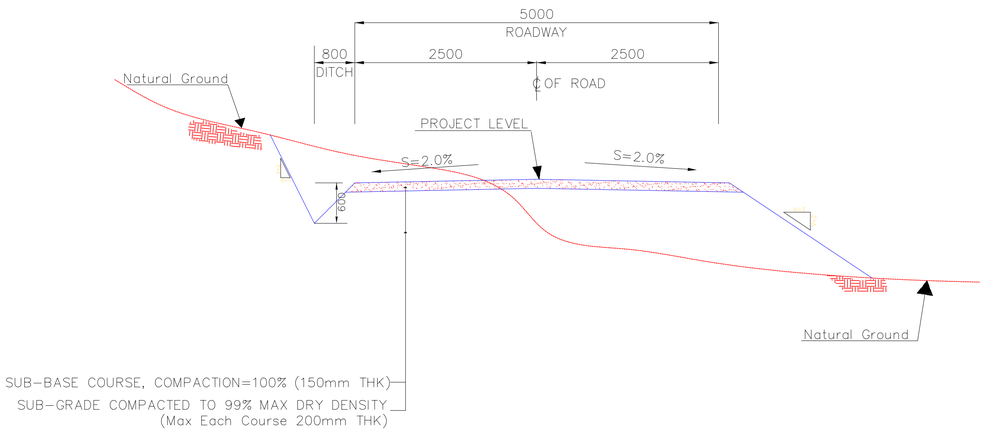
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS -W008N
ACCESS ROAD TO BURN PIT-CROSS SECTIONS

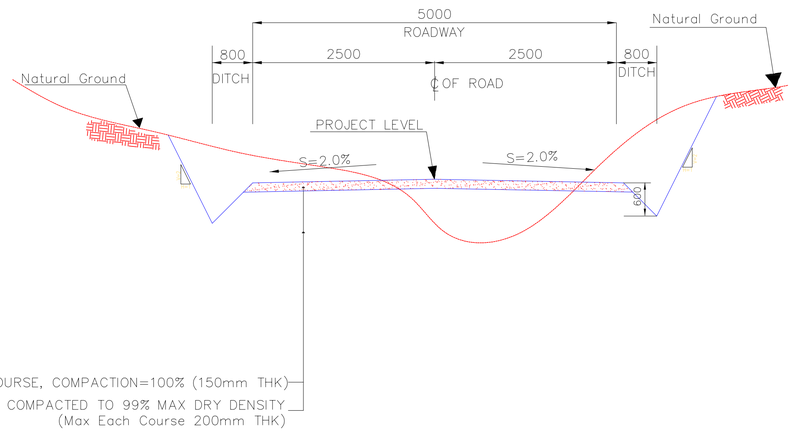
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	74 OF 75	D00

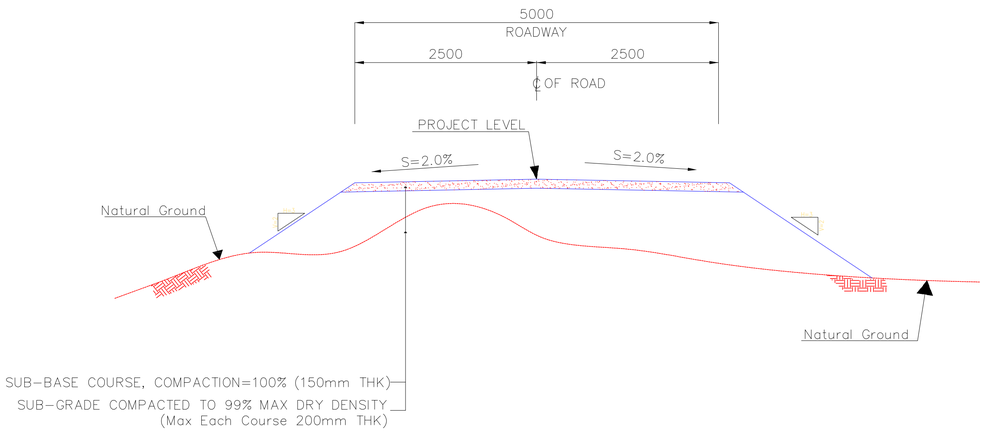
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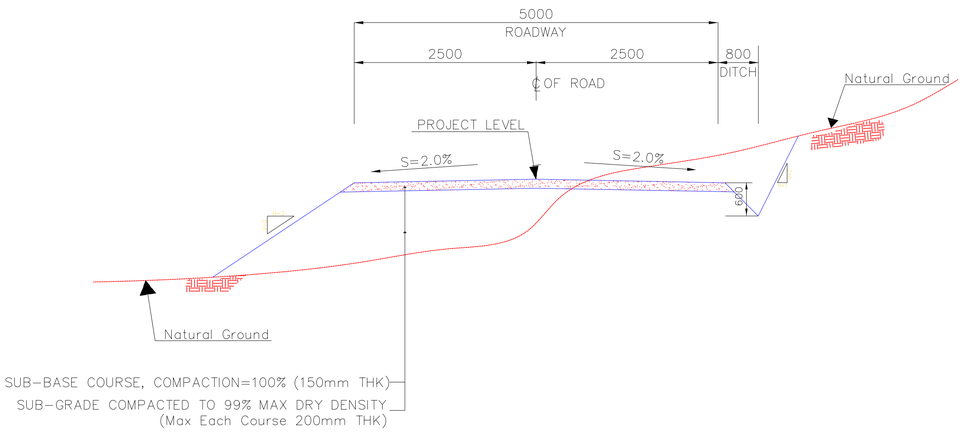
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APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707864	74	D00









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

NOTES

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

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

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

LEGEND

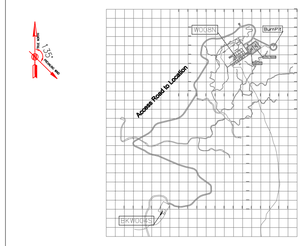
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
99.27	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE	AT PROFILE / AT PLAN	EXISTING CULVERT
	DAYLIGHT	AT PROFILE / AT PLAN	NEW CULVERT
60 / 50	CONTOURS	AT PROFILE / AT PLAN	EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W008N	BK-W008N-PEDCO-110-CV-PY-0001
Rough Grading Plans-W008N	BK-W008N-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W008N	BK-W008N-PEDCO-110-GT-RT-0001
Specification For Road & Paving	BK-GNRAL-PEDCO-000-CV-SP-0002
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STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRAL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRAL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W008N	BK-W008N-PEDCO-110-PI-DW-0001
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRAL-PEDCO-000-PL-DW-0013

ABBREVIATION

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LVC= LENGTH OF VERTICAL CURVE	

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
***	**********	**.**	***.****	**.**	***.****
D00	JUL.2023	IFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W008N 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 -W008N
ACCESS ROAD TO BURN PIT-CROSS SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W008N-PEDCO-110-CV-PY-0002	75 OF 75	D00

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W008N WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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