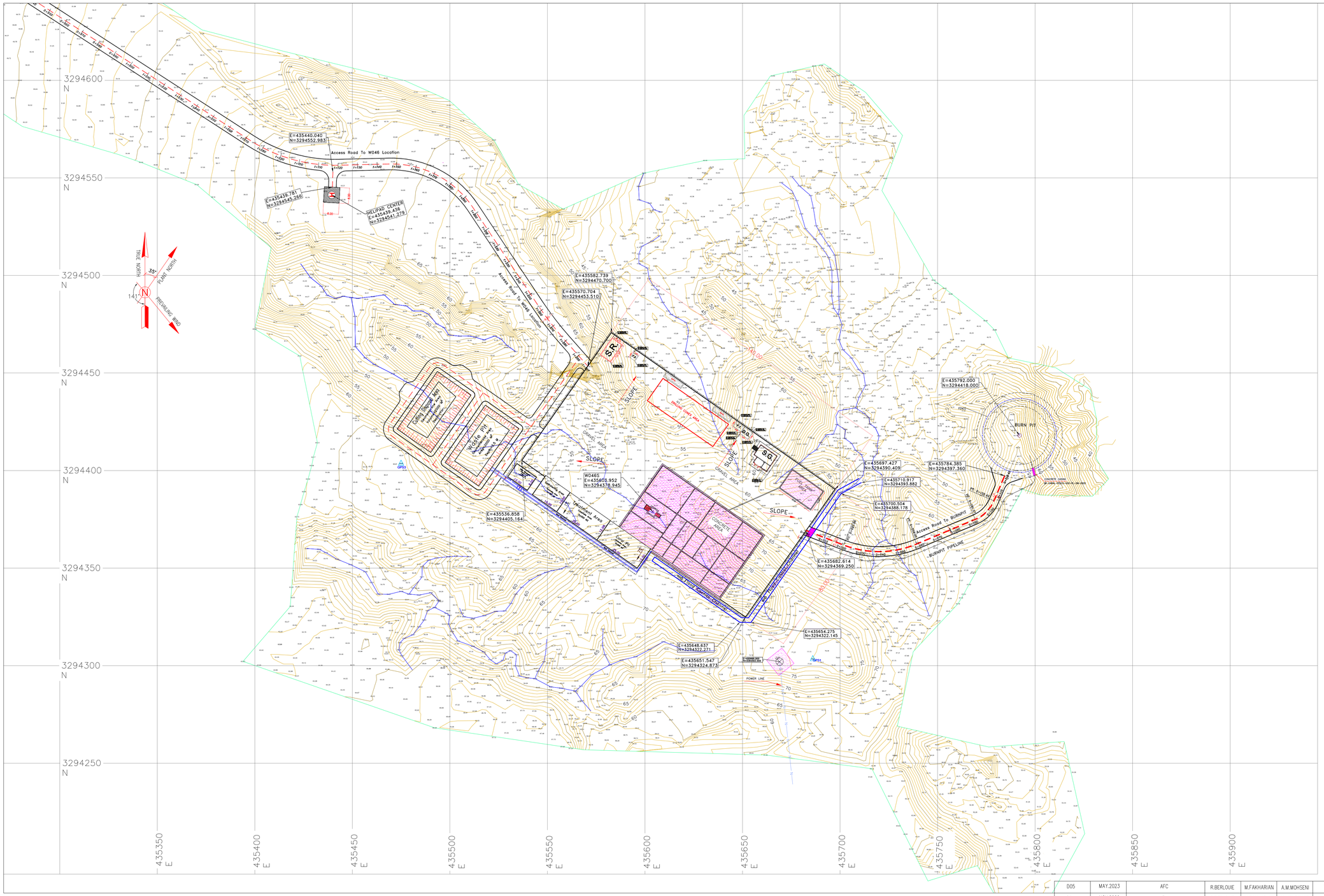


Rough Grading W046S-Topography Map

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- PROJECT LINE ELEVATION = ROUGH GRADING LEVEL
7-THE WASTE PIT SHALL BE COVERED WITH A LAYER OF GEOTEXTILE(ONE LAYER, MIN 600 KG/M2/) AND GEOMEMBRANE (MIN 1.5 MM THICKNESS, 7 M WIDTH) BASED ON CIVIL DESIGN SPECIFICATION DOCUMENTS AND GRI-GM13. THE COVER SHALL EXTEND BEYOND THE OUTER EDGES OF THE PIT TO COVER AND ENTIRELY ENCAPSULATE THE PIT AND SHALL BE SLOPED TO PROVIDE SURFACE DRAINAGE AWAY FROM THE PIT.
8-CULVERT AND RETAINING WALL SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.
9-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON:
BK-SSGRL-PEDCO-110-PI-DW-0001
10-THE FENCE AROUND THE LOCATION SHALL BE BASED ON:
BK-GNRAL-PEDCO-000-CV-DW-0009

ABBREVIATIONS

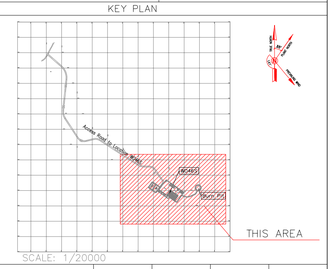
R.G.L.	ROUGH GRADING LEVEL	D.G	DIESEL GENERATOR SHELTER
N.G.L.	NATURAL GROUND LEVEL	F.F	FIRE FIGHTING SHELTTER
F.G.L.	FINISH GRADING LEVEL	W.T.	WATER TANK
F.T.	FUEL TANK		
S.R.	SECURITY ROOM		
S.G.	SWITCH GEAR		

LEGEND

Existing GRAVEL ROAD
New GRAVEL ROAD
ASPHALT ROAD
STAIR
TRENCH
FENCE
BURNING PIT LINE
WATER LINE
BUILDING
CONCRETE AREA
SEPTIC
MANHOLE
POLE
HELIPAD
GEOMEMBRANE AREA
GRADING
CHANNEL
RIVER
WATER COURSE
CONTOURS (60, 50)
SPOT HEIGHT (99,27)
BENCH MARK
CULVERT
WELL LOCATION
WELL
BURNPIT
SITE (LOCATION)
DRILLING CONEX AREA
RETAINING WALL

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W046S	BK-W046S-PEDCO-110-CV-PY-0001
CIVIL AND STRUCTURAL DRAWINGS -W046S	BK-W046S-PEDCO-110-CV-PY-0002
PLOT PLAN DRAWING - W046S	BK-W046S-PEDCO-110-PI-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
SOURCE TOPO. (W046S-LOCATION)	75263-A-T
DESIGNING PLAN OF SITE AND ROAD OF W046 SB	75379-A-ADS
Flow line Plan & Profile Drawings - W046S	BK-W046S-PEDCO-110-SU-DW-0001
Over Head Line Plan and Profile - W046S	BK-W046S-PEDCO-110-SU-DW-0002

KEY PLAN



SCALE: 1/20000

Coordinate of Bench Marks (UTM)			
Points	Northing (m)	Easting (m)	Elevation (m)
BM48	3294748.888	435082.354	41.668
GPS3	3294403.536	435475.560	66.866
GPS1	3294303.397	435686.115	78.025

D05
TOTALY REVISED

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	MAY.2023	AFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	NOV.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D03	JUL.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D02	MAY.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	JAN.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	DEC.2021	IFC	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**

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

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

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: ROUGH GRADING PLANS -W046S (TOPOGRAPHY MAP)

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
1:1000	A1	BK-W046S-PEDCO-110-CV-DW-0001	1 OF 9	D05

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

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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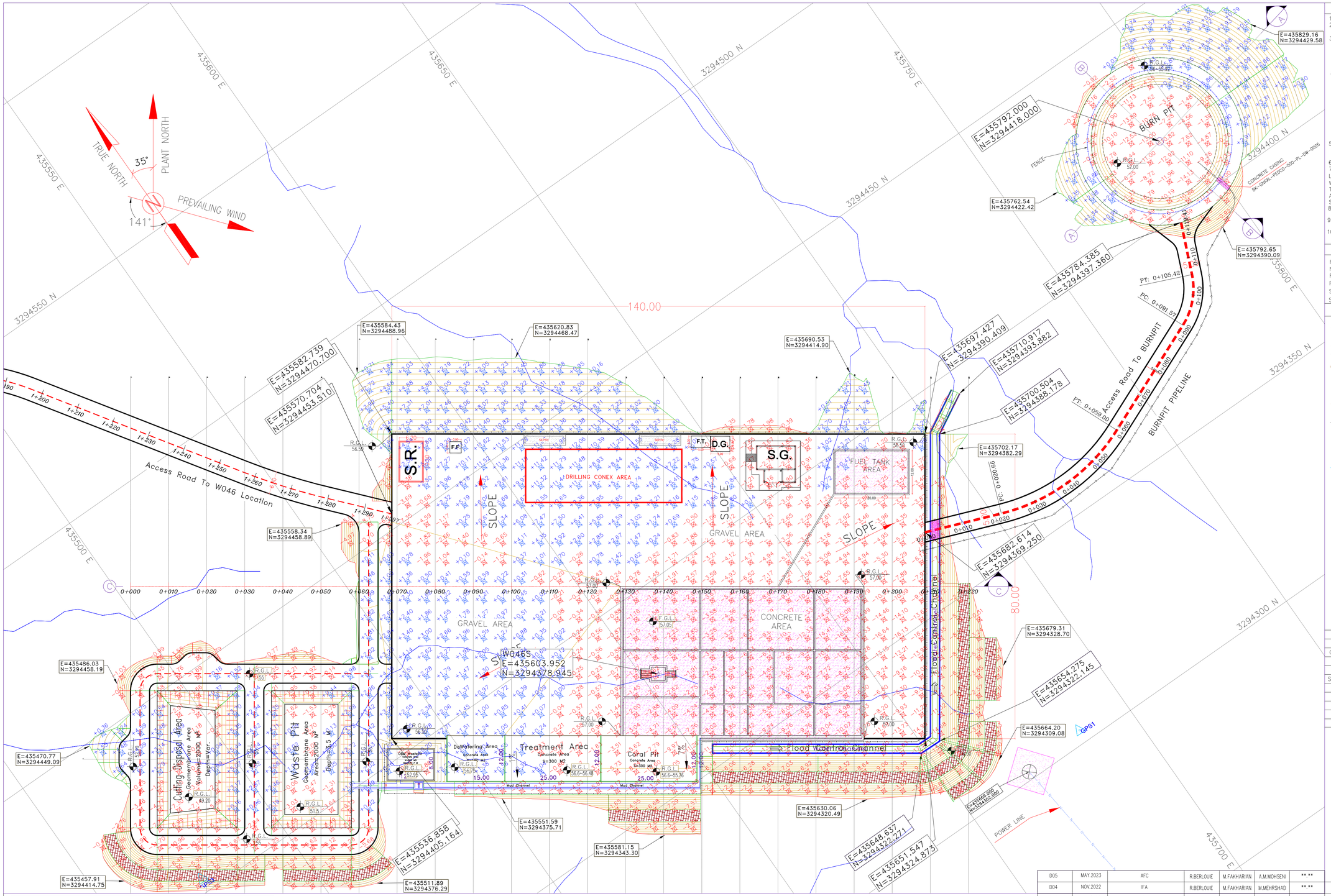

NOTES

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2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
3-GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: 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- PROJECT LINE ELEVATION = ROUGH GRADING LEVEL
7-THE WASTE PIT SHALL BE COVERED WITH A LAYER OF GEOTEXTILE(ONE LAYER, MIN 600 KG/M2/) AND GEOMEMBRANE (MIN 1.5 MM THICKNESS, 7 M WIDTH) BASED ON CIVIL DESIGN SPECIFICATION DOCUMENTS AND GRI-GM13. THE COVER SHALL EXTEND BEYOND THE OUTER EDGES OF THE PIT TO COVER AND ENTIRELY ENCAPSULATE THE PIT AND SHALL BE SLOPED TO PROVIDE SURFACE DRAINAGE AWAY FROM THE PIT.
8-CULVERT AND RETAINING WALL SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.
9-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON:
BK-SSGRL-PEDCO-110-PI-DW-0001
10-THE FENCE AROUND THE LOCATION SHALL BE BASED ON:
BK-GNRAL-PEDCO-000-CV-DW-0009

ABBREVIATIONS

R.G.L.	ROUGH GRADING LEVEL	D.G	DIESEL GENERATOR SHELTER
N.G.L.	NATURAL GROUND LEVEL	F.F	FIRE FIGHTING SHELTTER
F.G.L.	FINISH GRADING LEVEL	W.T.	WATER TANK
F.T.	FUEL TANK		
S.R.	SECURITY ROOM		
S.G.	SWITCH GEAR		

LEGEND

Existing GRAVEL ROAD	CHANNEL
New GRAVEL ROAD	RIVER
ASPHALT ROAD	WATER COURSE
STAIR	CONTOURS
TRENCH	SPOT HEIGHT
FENCE	BENCH MARK
BURNING PIT LINE	CULVERT
WATER LINE	WELL LOCATION
BUILDING	WELL
CONCRETE AREA	BURNPIT
SEPTIC	SITE (LOCATION)
MANHOLE	DRILLING CONEX AREA
POLE	RETAINING WALL
HELIPAD	
GEOMEMBRANE AREA	
GRADING	

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W046S	BK-W046S-PEDCO-110-CV-PY-0001
CIVIL AND STRUCTURAL DRAWINGS -W046S	BK-W046S-PEDCO-110-CV-PY-0002
PLOT PLAN DRAWING - W046S	BK-W046S-PEDCO-110-PI-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
SOURCE TOPO. (W046S-LOCATION)	75263-AT
DESIGNING PLAN OF SITE AND ROAD OF W046 SB	75379-A-ADS
Flow line Plan & Profile Drawings - W046S	BK-W046S-PEDCO-110-SU-DW-0001
Over Head Line Plan and Profile - W046S	BK-W046S-PEDCO-110-SU-DW-0002

Coordinate of Bench Marks (UTM)

Points	Northing (m)	Easting (m)	Elevation (m)
BM48	3294748.888	435082.354	41.668
GPS3	3294403.536	435475.560	66.866
GPS1	3294303.397	435686.115	78.025

Rough Grading W046S-Battery Limit

D05 TOTALY REVISED

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	MAY.2023	AFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	NOV.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D03	JUL.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D02	MAY.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	JAN.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	DEC.2021	IFC	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**

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

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

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: ROUGH GRADING PLANS -W046S (BATTERY LIMIT)

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
1:500	A1	BK-W046S-PEDCO-110-CV-DW-0001	2 OF 9	D05

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

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707655	02	D05

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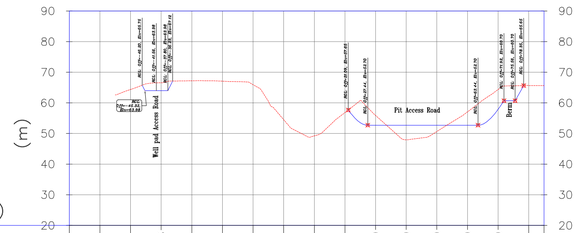
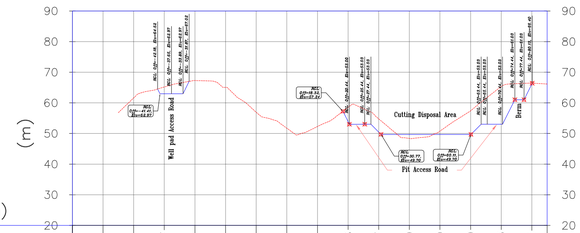


Datum=20(m)

DIST. (m)	Project Line Elevations	Natural Ground Elevations
-70.00		
-60.00		64.36
-50.00		66.57
-40.00	63.98	67.22
-30.00		67.07
-20.00		65.94
-10.00		54.51
0.00		49.21
10.00		56.83
20.00		55.88
30.00	52.70	47.95
40.00	52.70	50.64
50.00	52.70	57.06
60.00	52.70	64.36
70.00	57.90	65.66
80.00		

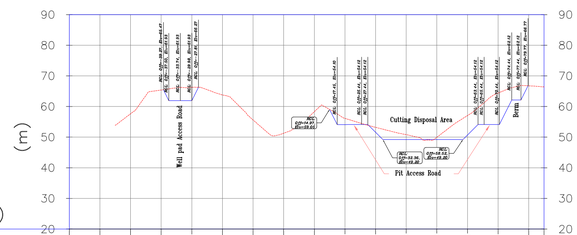
0+010.00



Datum=20(m)

DIST. (m)	Project Line Elevations	Natural Ground Elevations
-70.00		
-60.00		61.61
-50.00		65.18
-40.00	62.97	67.29
-30.00		65.05
-20.00		56.95
-10.00		51.73
0.00		52.28
10.00		58.52
20.00		53.88
30.00	54.77	50.47
40.00	48.40	49.70
50.00	50.78	49.70
60.00	57.41	49.70
70.00	63.33	53.03
80.00		66.15

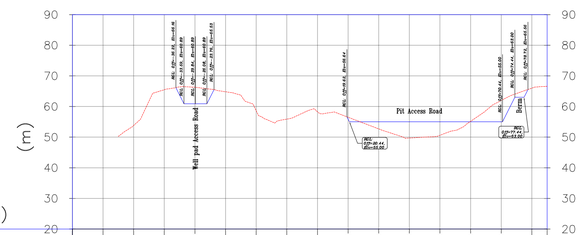
0+020.00



Datum=20(m)

DIST. (m)	Project Line Elevations	Natural Ground Elevations
-70.00		
-60.00		57.63
-50.00		65.37
-40.00	61.93	66.25
-30.00		63.77
-20.00		55.61
-10.00		51.30
0.00		58.31
10.00		56.12
20.00		54.10
30.00	51.56	53.21
40.00	49.20	50.82
50.00	49.20	49.96
60.00	50.68	57.06
70.00	54.12	64.40
80.00		66.76

0+030.00



Datum=20(m)

DIST. (m)	Project Line Elevations	Natural Ground Elevations
-70.00		
-60.00		53.81
-50.00		65.48
-40.00	60.89	66.28
-30.00		64.82
-20.00		58.62
-10.00		55.89
0.00		58.31
10.00		56.50
20.00		55.88
30.00	52.70	55.00
40.00	49.71	55.00
50.00	50.61	55.00
60.00	55.16	55.00
70.00	61.97	55.00
80.00		66.01

Cross Section-(From Km.0+000 To Km.0+030) -W046S

Coordinate of Bench Marks (UTM)

Points	Northing (m)	Easting (m)	Elevation (m)
BM48	3294748.888	435082.354	41.668
GPS3	3294403.536	435475.560	66.866
GPS1	3294303.397	435686.115	78.025

NOTES

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ABBREVIATIONS

R.G.L.=ROUGH GRADING LEVEL		D.G	DIESEL GENERATOR SHELTER
N.G.L.=NATURAL GROUND LEVEL		F.F	FIRE FIGHTING SHELTTER
F.G.L. = FINISH GRADING LEVEL		W.T.	WATER TANK
F.T.	FUEL TANK		
S.R.	SECURITY ROOM		
S.G.	SWITCH GEAR		

LEGEND

Existing GRAVEL ROAD
New GRAVEL ROAD
ASPHALT ROAD
STAIR
TRENCH
FENCE
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GEOMEMBRANE AREA
GRADING
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WATER COURSE
CONTOURS (60, 50)
SPOT HEIGHT (99.27)
BENCH MARK
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WELL LOCATION
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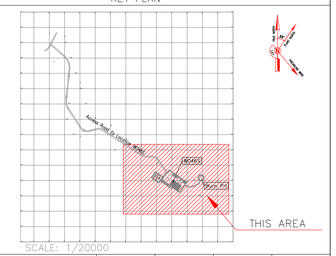
SITE (LOCATION)
DRILLING CONEX AREA
RETAINING WALL

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W046S	BK-W046S-PEDCO-110-CV-PY-0001
CIVIL AND STRUCTURAL DRAWINGS -W046S	BK-W046S-PEDCO-110-CV-PY-0002
PLOT PLAN DRAWING - W046S	BK-W046S-PEDCO-110-PI-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
SOURCE TOPO. (W046S-LOCATION)	75263-AT
DESIGNING PLAN OF SITE AND ROAD OF W046 SB	75379-A-ADS
Flow line Plan & Profile Drawings - W046S	BK-W046S-PEDCO-110-SU-DW-0001
Over Head Line Plan and Profile - W046S	BK-W046S-PEDCO-110-SU-DW-0002

KEY PLAN



SCALE: 1/20000

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	MAY.2023	AFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	NOV.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D03	JUL.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D02	MAY.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	JAN.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	DEC.2021	IFC	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**

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

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

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: ROUGH GRADING PLANS -W046S (CROSS SECTIONS)

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
1:1000	A1	BK-W046S-PEDCO-110-CV-DW-0001	3 OF 9	D05

D05 TOTALY REVISED

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

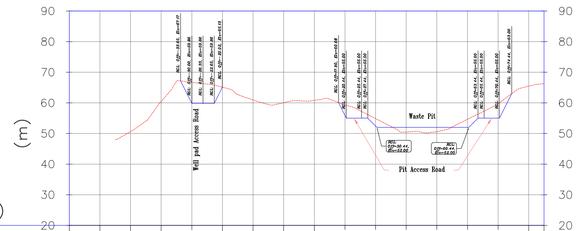
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707655	3	D05

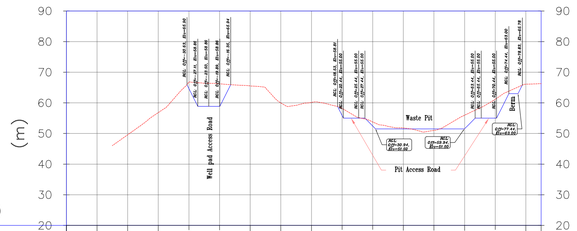
0+040.00



Datum=20(m)

DIST. (m)	Natural Ground Elevations	Project Line Elevations
-70.00		
-60.00	50.61	
-50.00	60.48	
-40.00	66.70	59.87
-30.00	65.13	
-20.00	60.95	
-10.00	60.03	
0.00	60.82	
10.00	59.35	55.88
20.00	54.87	52.44
30.00	50.49	52.00
40.00	50.61	52.00
50.00	54.63	52.00
60.00	59.66	55.00
70.00	65.44	
80.00		

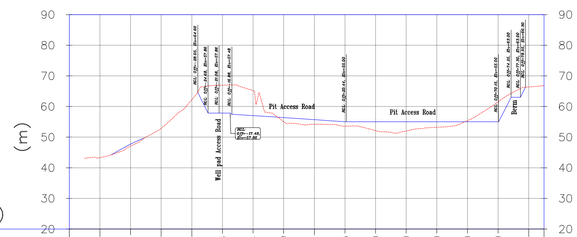
0+050.00



Datum=20(m)

DIST. (m)	Natural Ground Elevations	Project Line Elevations
-70.00		
-60.00	49.58	
-50.00	56.82	
-40.00	66.81	64.65
-30.00	66.21	58.86
-20.00	65.55	
-10.00	59.98	
0.00	60.16	
10.00	58.21	55.88
20.00	53.77	52.44
30.00	51.81	51.50
40.00	51.02	51.50
50.00	55.97	51.56
60.00	61.16	55.00
70.00	66.08	
80.00		

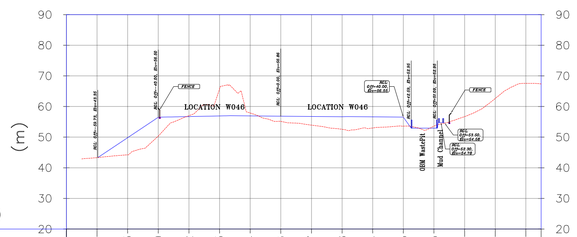
0+060.00



Datum=20(m)

DIST. (m)	Natural Ground Elevations	Project Line Elevations
-70.00		
-60.00	43.31	
-50.00	47.08	47.71
-40.00	52.85	
-30.00	62.24	
-20.00	66.97	57.86
-10.00	65.19	57.04
0.00	54.99	56.39
10.00	54.22	55.71
20.00	53.56	55.03
30.00	52.13	55.00
40.00	51.99	55.00
50.00	53.22	55.00
60.00	55.39	55.00
70.00	61.53	55.00
80.00	66.38	

0+070.00



Datum=20(m)

DIST. (m)	Natural Ground Elevations	Project Line Elevations
-70.00		
-60.00	43.32	
-50.00	44.24	49.83
-40.00	50.35	56.50
-30.00	56.99	56.72
-20.00	65.72	56.93
-10.00	57.87	56.94
0.00	55.16	56.86
10.00	53.92	56.77
20.00	52.56	56.68
30.00	53.00	56.64
40.00	53.59	56.55
50.00	53.59	52.95
60.00	56.70	
70.00	62.63	
80.00	67.53	

Cross Section-(From Km.0+040 To Km.0+070) -W046S

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- PROJECT LINE ELEVATION = ROUGH GRADING LEVEL
7-THE WASTE PIT SHALL BE COVERED WITH A LAYER OF GEOTEXTILE(ONE LAYER, MIN 600 KG/M2/) AND GEOMEMBRANE (MIN 1.5 MM THICKNESS, 7 M WIDTH) BASED ON CIVIL DESIGN SPECIFICATION DOCUMENTS AND GRI-GM13. THE COVER SHALL EXTEND BEYOND THE OUTER EDGES OF THE PIT TO COVER AND ENTIRELY ENCAPSULATE THE PIT AND SHALL BE SLOPED TO PROVIDE SURFACE DRAINAGE AWAY FROM THE PIT.
8-CULVERT AND RETAINING WALL SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.
9-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON:
BK-SSGRL-PEDCO-110-PI-DW-0001
10-THE FENCE AROUND THE LOCATION SHALL BE BASED ON:
BK-GNRAL-PEDCO-000-CV-DW-0009

ABBREVIATIONS

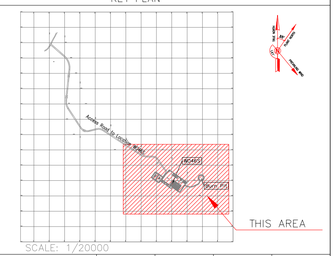
R.G.L.=ROUGH GRADING LEVEL
N.G.L.=NATURAL GROUND LEVEL
F.G.L. = FINISH GRADING LEVEL
F.T. FUEL TANK
S.R. SECURITY ROOM
S.G. SWITCH GEAR
D.G DIESEL GENERATOR SHELTER
F.F FIRE FIGHTING SHELTTER
W.T. WATER TANK

LEGEND

Existing GRAVEL ROAD
New GRAVEL ROAD
ASPHALT ROAD
STAIR
TRENCH
FENCE
BURNING PIT LINE
WATER LINE
BUILDING
CONCRETE AREA
SEPTIC
MANHOLE
POLE
HELIPAD
GEOMEMBRANE AREA
GRADING
CHANNEL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
CULVERT
WELL LOCATION
WELL
BURNPIT
SITE (LOCATION)
DRILLING CONEX AREA
RETAINING WALL

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W046S	BK-W046S-PEDCO-110-CV-PY-0001
CIVIL AND STRUCTURAL DRAWINGS -W046S	BK-W046S-PEDCO-110-CV-PY-0002
PLOT PLAN DRAWING - W046S	BK-W046S-PEDCO-110-PI-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
SOURCE TOPO. (W046S-LOCATION)	75263-AT
DESIGNING PLAN OF SITE AND ROAD OF W046 SB	75379-A-ADS
Flow line Plan & Profile Drawings - W046S	BK-W046S-PEDCO-110-SU-DW-0001
Over Head Line Plan and Profile - W046S	BK-W046S-PEDCO-110-SU-DW-0002

KEY PLAN



Coordinate of Bench Marks (UTM)

Points	Northing (m)	Easting (m)	Elevation (m)
BM48	3294748.888	435082.354	41.668
GPS3	3294403.536	435475.560	66.866
GPS1	3294303.397	435686.115	78.025

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	MAY.2023	AFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	NOV.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D03	JUL.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D02	MAY.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	JAN.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	DEC.2021	IFC	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**

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

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

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: ROUGH GRADING PLANS -W046S (CROSS SECTIONS)

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
1:1000	A1	BK-W046S-PEDCO-110-CV-DW-0001	4 OF 9	D05

D05 TOTALY REVISED

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

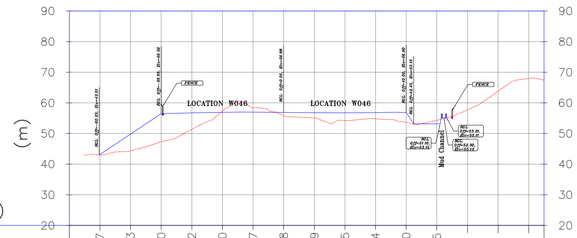
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707655	4	D05

0+080.00

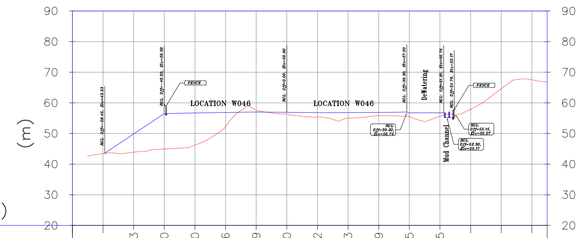


Datum=20(m)

Project Line Elevations		43.17		49.83		56.50		56.72		56.90		56.97		56.88		56.79		56.75		56.84	
Natural Ground Elevations	43.02		44.38		47.31		51.35		57.29		58.32		55.81		55.05		54.25		54.80		53.69
DIST. (m)	-70.00	-60.00	-50.00	-40.00	-30.00	-20.00	-10.00	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00					

Project Line Elevations		56.90		53.15																	
Natural Ground Elevations	54.27		57.71		63.88		67.95														
DIST. (m)																					

0+090.00

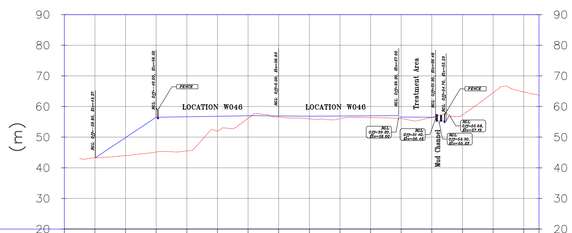


Datum=20(m)

Project Line Elevations		49.83		56.50		56.70		56.86		56.99		56.90		56.82		56.83		56.89		56.75	
Natural Ground Elevations			43.46		43.90		44.93		46.19		52.29		57.60		56.31		55.42		54.95		55.88
DIST. (m)	-70.00	-60.00	-50.00	-40.00	-30.00	-20.00	-10.00	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00					

Project Line Elevations		56.75		56.75																	
Natural Ground Elevations			55.44		55.61		57.86		64.62		67.54										
DIST. (m)																					

0+100.00

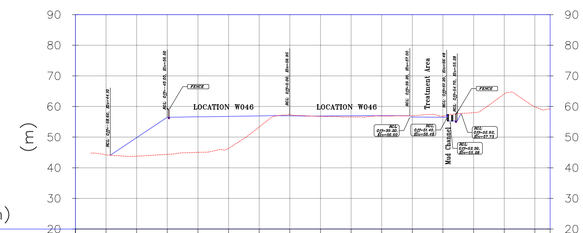


Datum=20(m)

Project Line Elevations		49.83		56.50		56.66		56.81		56.97		56.93		56.85		56.90		56.96		56.59	
Natural Ground Elevations			43.27		43.98		45.13		45.50		51.93		56.15		56.55		55.98		56.04		56.35
DIST. (m)	-70.00	-60.00	-50.00	-40.00	-30.00	-20.00	-10.00	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00					

Project Line Elevations		56.59		56.49																	
Natural Ground Elevations			56.07		56.47		57.22		64.51		64.75										
DIST. (m)																					

0+110.00



Datum=20(m)

Project Line Elevations		49.83		56.50		56.62		56.77		56.93		56.95		56.92		56.98		57.00		56.59	
Natural Ground Elevations			44.22		43.80		44.37		45.04		46.29		53.30		57.41		56.78		56.58		56.93
DIST. (m)	-70.00	-60.00	-50.00	-40.00	-30.00	-20.00	-10.00	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00					

Project Line Elevations		56.59		56.49																	
Natural Ground Elevations			57.00		56.88		58.00		64.13		59.92										
DIST. (m)																					

Cross Section-(From Km.0+080 To Km.0+110) -W046S

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- PROJECT LINE ELEVATION = ROUGH GRADING LEVEL
7-THE WASTE PIT SHALL BE COVERED WITH A LAYER OF GEOTEXTILE(ONE LAYER, MIN 600 KG/M2/) AND GEOMEMBRANE (MIN 1.5 MM THICKNESS, 7 M WIDTH) BASED ON CIVIL DESIGN SPECIFICATION DOCUMENTS AND GRI-GM13. THE COVER SHALL EXTEND BEYOND THE OUTER EDGES OF THE PIT TO COVER AND ENTIRELY ENCAPSULATE THE PIT AND SHALL BE SLOPED TO PROVIDE SURFACE DRAINAGE AWAY FROM THE PIT.
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9-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON:
BK-SSGRL-PEDCO-110-PI-DW-0001
10-THE FENCE AROUND THE LOCATION SHALL BE BASED ON:
BK-GNRAL-PEDCO-000-CV-DW-0009

ABBREVIATIONS

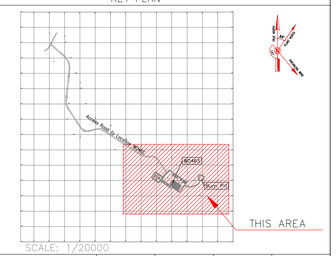
R.G.L.=ROUGH GRADING LEVEL		D.G	DIESEL GENERATOR SHELTER
N.G.L.=NATURAL GROUND LEVEL		F.F	FIRE FIGHTING SHELTTER
F.G.L. = FINISH GRADING LEVEL		W.T.	WATER TANK
F.T.	FUEL TANK		
S.R.	SECURITY ROOM		
S.G.	SWITCH GEAR		

LEGEND

Existing GRAVEL ROAD
New GRAVEL ROAD
ASPHALT ROAD
STAIR
TRENCH
FENCE
BURNING PIT LINE
WATER LINE
BUILDING
CONCRETE AREA
SEPTIC
MANHOLE
POLE
HELIPAD
GEOMEMBRANE AREA
GRADING
CHANNEL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
CULVERT
WELL LOCATION
WELL
BURNPIT
SITE (LOCATION)
DRILLING CONEX AREA
RETAINING WALL

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W046S	BK-W046S-PEDCO-110-CV-PY-0001
CIVIL AND STRUCTURAL DRAWINGS -W046S	BK-W046S-PEDCO-110-CV-PY-0002
PLOT PLAN DRAWING - W046S	BK-W046S-PEDCO-110-PI-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
SOURCE TOPO. (W046S-LOCATION)	75263-AT
DESIGNING PLAN OF SITE AND ROAD OF W046 SB	75379-A-ADS
Flow line Plan & Profile Drawings - W046S	BK-W046S-PEDCO-110-SU-DW-0001
Over Head Line Plan and Profile - W046S	BK-W046S-PEDCO-110-SU-DW-0002

KEY PLAN



Coordinate of Bench Marks (UTM)

Points	Northing (m)	Easting (m)	Elevation (m)
BM48	3294748.888	435082.354	41.668
GPS3	3294403.536	435475.560	66.866
GPS1	3294303.397	435686.115	78.025

D05 TOTALY REVISED

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	MAY.2023	AFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	NOV.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D03	JUL.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D02	MAY.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	JAN.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	DEC.2021	IFC	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**

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

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

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

DRAWING TITLE: ROUGH GRADING PLANS -W046S (CROSS SECTIONS)

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
1:1000	A1	BK-W046S-PEDCO-110-CV-DW-0001	5 OF 9	D05

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

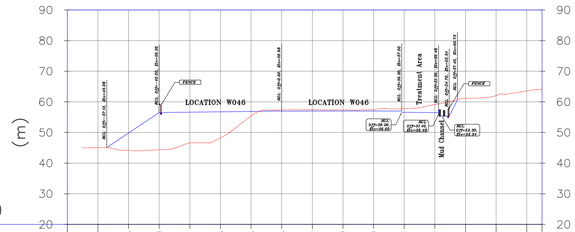
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707655	5	D05

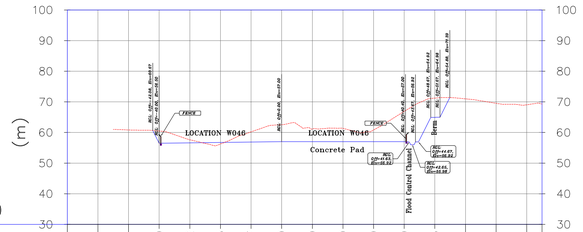
0+120.00



Datum=20(m)

| | | |

0+160.00



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| | | |

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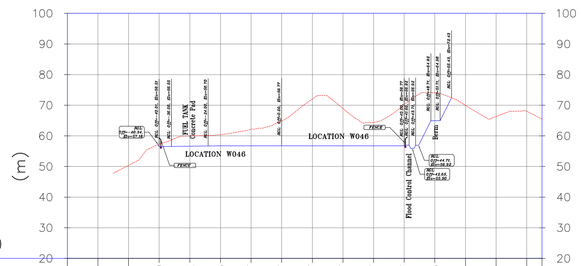
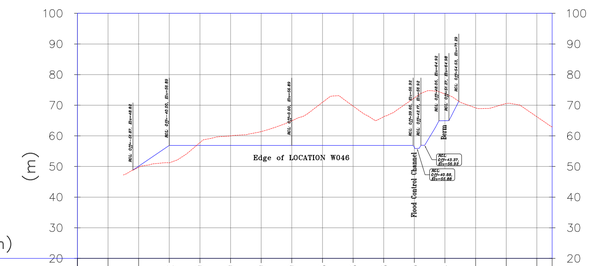


Datum=20(m)

Project Line Elevations					56.50	56.62	56.75	56.77	56.77	56.77	56.77	56.77	56.77	64.95						
Natural Ground Elevations			50.36	57.33	59.99	60.40	62.15	64.86	72.06	68.94	64.37	70.19	74.08	69.94	66.31	68.08				
DIST. (m)	-70.00	-60.00	-50.00	-40.00	-30.00	-20.00	-10.00	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00				

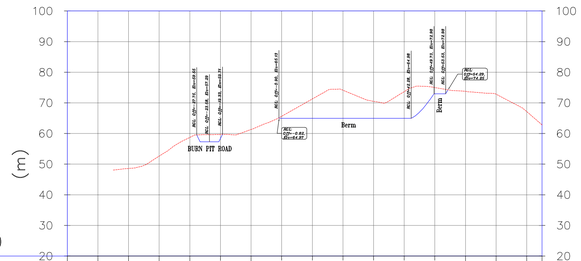
0+210.00



Datum=20(m)

Project Line Elevations					56.92	56.89	56.89	56.89	56.88	56.88	56.88	56.25								
Natural Ground Elevations			49.72	51.22	57.79	60.01	61.41	64.91	70.94	69.72	66.23	72.39	73.66	69.16	70.56	66.25				
DIST. (m)	-70.00	-60.00	-50.00	-40.00	-30.00	-20.00	-10.00	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00				

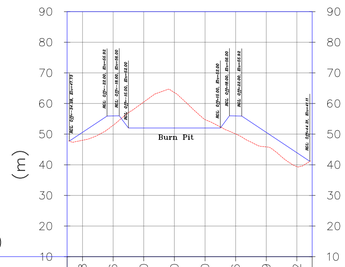
0+220.00



Datum=20(m)

Project Line Elevations					58.38			64.97	64.97	64.97	64.97	64.97	72.98							
Natural Ground Elevations			48.60	52.63	58.72	59.70	61.33	65.63	71.28	74.13	70.49	73.67	75.01	73.77	72.83	67.15				
DIST. (m)	-70.00	-60.00	-50.00	-40.00	-30.00	-20.00	-10.00	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00				

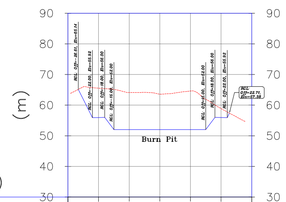
A-A



Datum=10(m)

Project Line Elevations					50.58			52.00	52.00	52.00										
Natural Ground Elevations			48.00	52.88	55.96	60.49	63.57	54.75	50.04	55.96	45.85	50.59	43.92							
DIST. (m)	-70.00	-60.00	-30.00	-20.00	-10.00	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00						

B-B



Datum=30(m)

Project Line Elevations					55.96			52.00	52.00	52.00										
Natural Ground Elevations			65.53	64.11	63.57	64.61	58.88	55.96												
DIST. (m)	-30.00	-20.00	-10.00	0.00	10.00	20.00	30.00													

Burn Pit Sections

Cross Section-(From Km.0+200 To Km.0+220) & Burn Pit (A-A, B-B)-W046S

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- PROJECT LINE ELEVATION = ROUGH GRADING LEVEL
7-THE WASTE PIT SHALL BE COVERED WITH A LAYER OF GEOTEXTILE(ONE LAYER, MIN 600 KG/M2/) AND GEOMEMBRANE (MIN 1.5 MM THICKNESS, 7 M WIDTH) BASED ON CIVIL DESIGN SPECIFICATION DOCUMENTS AND GRI-GM13. THE COVER SHALL EXTEND BEYOND THE OUTER EDGES OF THE PIT TO COVER AND ENTIRELY ENCAPSULATE THE PIT AND SHALL BE SLOPED TO PROVIDE SURFACE DRAINAGE AWAY FROM THE PIT.
8-CULVERT AND RETAINING WALL SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.
9-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON:
BK-SSGRL-PEDCO-110-PI-DW-0001
10-THE FENCE AROUND THE LOCATION SHALL BE BASED ON:
BK-GNRAL-PEDCO-000-CV-DW-0009

ABBREVIATIONS

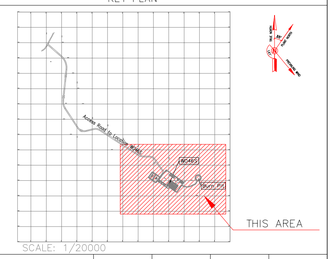
R.G.L.=ROUGH GRADING LEVEL		D.G	DIESEL GENERATOR SHELTER
N.G.L.=NATURAL GROUND LEVEL		F.F	FIRE FIGHTING SHELTTER
F.G.L. = FINISH GRADING LEVEL		W.T.	WATER TANK
F.T.	FUEL TANK		
S.R.	SECURITY ROOM		
S.G.	SWITCH GEAR		

LEGEND

Existing GRAVEL ROAD
New GRAVEL ROAD
ASPHALT ROAD
STAIR
TRENCH
FENCE
BURNING PIT LINE
WATER LINE
BUILDING
CONCRETE AREA
SEPTIC
MANHOLE
POLE
HELIPAD
GEOMEMBRANE AREA
GRADING
CHANNEL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
CULVERT
WELL LOCATION
WELL
BURNPIT
SITE (LOCATION)
DRILLING CONEX AREA
RETAINING WALL

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT -W046S	BK-W046S-PEDCO-110-CV-PY-0001
CIVIL AND STRUCTURAL DRAWINGS -W046S	BK-W046S-PEDCO-110-CV-PY-0002
PLOT PLAN DRAWING - W046S	BK-W046S-PEDCO-110-PI-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
SOURCE TOPO. (W046S-LOCATION)	75263-AT
DESIGNING PLAN OF SITE AND ROAD OF W046 SB	75379-A-ADS
Flow line Plan & Profile Drawings - W046S	BK-W046S-PEDCO-110-SU-DW-0001
Over Head Line Plan and Profile - W046S	BK-W046S-PEDCO-110-SU-DW-0002

KEY PLAN



Coordinate of Bench Marks (UTM)			
Points	Northing (m)	Easting (m)	Elevation (m)
BM48	3294748.888	435082.354	41.668
GPS3	3294403.536	435475.560	66.866
GPS1	3294303.397	435686.115	78.025

D05 TOTALY REVISED

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D05	MAY.2023	AFC	R.BERLOUIE	M.FAKHARIAN	A.M.MOHSENI	**.**
D04	NOV.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D03	JUL.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D02	MAY.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	JAN.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	DEC.2021	IFC	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	**.**

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

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

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

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

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

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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: ROUGH GRADING PLANS -W046S (CROSS SECTIONS)

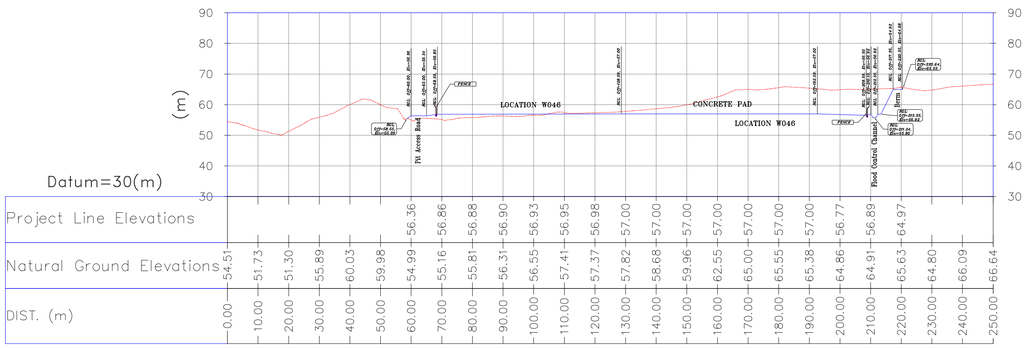
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

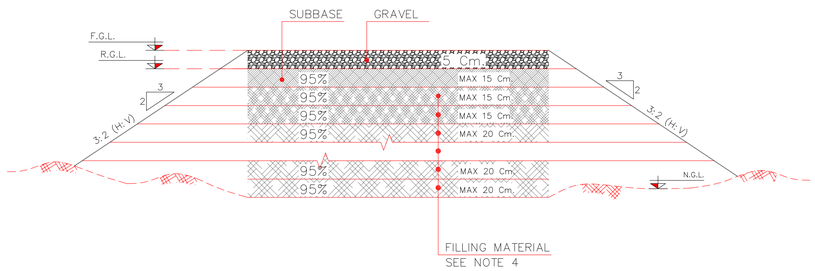
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
1:1000	A1	BK-W046S-PEDCO-110-CV-DW-0001	8 OF 9	D05

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707655	8	D05

C–C



Cross Section–(C–C)–W046S



ROUGH GRADING FILL TYPICAL SECTION (LOCATION)

Sc. N.T.S

Station	Easting	Northing
0+000.00	435,503.61	3,294,477.27
0+010.00	435,511.80	3,294,471.53
0+020.00	435,519.99	3,294,465.80
0+030.00	435,528.19	3,294,460.06
0+040.00	435,536.38	3,294,454.33
0+050.00	435,544.57	3,294,448.59
0+060.00	435,552.76	3,294,442.86
0+070.00	435,560.95	3,294,437.12
0+080.00	435,569.15	3,294,431.39
0+090.00	435,577.34	3,294,425.65
0+100.00	435,585.53	3,294,419.92
0+110.00	435,593.72	3,294,414.18
0+120.00	435,601.91	3,294,408.45
0+130.00	435,610.11	3,294,402.71
0+140.00	435,618.30	3,294,396.98
0+150.00	435,626.49	3,294,391.24
0+160.00	435,634.68	3,294,385.51
0+170.00	435,642.87	3,294,379.77
0+180.00	435,651.07	3,294,374.04
0+190.00	435,659.26	3,294,368.30
0+200.00	435,667.45	3,294,362.57
0+210.00	435,675.64	3,294,356.83
0+220.00	435,683.83	3,294,351.10

Center Line Coordinates (UTM)

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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– PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK–GNRAL–PEDCO–000–CV–SP–0004".
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5–BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN,...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.
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7–THE WASTE PIT SHALL BE COVERED WITH A LAYER OF GEOTEXTILE(ONE LAYER, MIN 600 KG/M2/) AND GEOMEMBRANE (MIN 1.5 MM THICKNESS, 7 M WIDTH) BASED ON CIVIL DESIGN SPECIFICATION DOCUMENTS AND GRI–GM13. THE COVER SHALL EXTEND BEYOND THE OUTER EDGES OF THE PIT TO COVER AND ENTIRELY ENCAPSULATE THE PIT AND SHALL BE SLOPED TO PROVIDE SURFACE DRAINAGE AWAY FROM THE PIT.
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9–PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON:
BK–SSGRL–PEDCO–110–PI–DW–0001
10–THE FENCE AROUND THE LOCATION SHALL BE BASED ON:
BK–GNRAL–PEDCO–000–CV–DW–0009

ABBREVIATIONS

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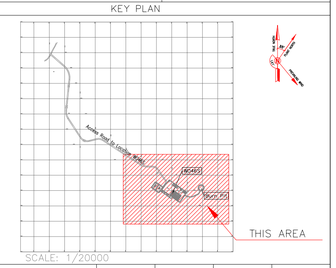
F.G.L. = FINISH GRADING LEVEL
F.T. FUEL TANK
S.R. SECURITY ROOM
S.G. SWITCH GEAR
D.G DIESEL GENERATOR SHELTER
F.F FIRE FIGHTING SHELTTER
W.T. WATER TANK

LEGEND

Existing GRAVEL ROAD
New GRAVEL ROAD
ASPHALT ROAD
STAIR
TRENCH
FENCE
BURNING PIT LINE
WATER LINE
BUILDING
CONCRETE AREA
SEPTIC
MANHOLE
POLE
HELIPAD
GEOMEMBRANE AREA
GRADING
CHANNEL
RIVER
WATER COURSE
CONTOURS
SPOT HEIGHT
BENCH MARK
CULVERT
WELL LOCATION
WELL
BURNPIT
SITE (LOCATION)
DRILLING CONEX AREA
RETAINING WALL

REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT –W046S	BK–W046S–PEDCO–110–CV–PY–0001
CIVIL AND STRUCTURAL DRAWINGS –W046S	BK–W046S–PEDCO–110–CV–PY–0002
PLOT PLAN DRAWING – W046S	BK–W046S–PEDCO–110–PI–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
SOURCE TOPO. (W046S–LOCATION)	75263–AT
DESIGNING PLAN OF SITE AND ROAD OF W046 SB	75379–A–ADS
Flow line Plan & Profile Drawings – W046S	BK–W046S–PEDCO–110–SU–DW–0001
Over Head Line Plan and Profile – W046S	BK–W046S–PEDCO–110–SU–DW–0002

KEY PLAN



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D05	MAY.2023	AFC	R.BERLOUE	M.FAKHARIAN	A.M.MOHSENI	**.**
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D03	JUL.2022	IFA	R.BERLOUE	M.FAKHARIAN	M.MEHRSHAD	**.**
D02	MAY.2022	IFA	R.BERLOUE	M.FAKHARIAN	M.MEHRSHAD	**.**
D01	JAN.2022	IFA	R.BERLOUE	M.FAKHARIAN	M.MEHRSHAD	**.**
D00	DEC.2021	IFC	R.BERLOUE	M.FAKHARIAN	M.MEHRSHAD	**.**

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

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

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

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

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BINAK OILFIELD DEVELOPMENT
SUB–SURFACE WORK PACKAGES
W046S WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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

DRAWING TITLE: ROUGH GRADING PLANS –W046S (CROSS SECTIONS)

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
1:1000	A1	BK–W046S–PEDCO–110–CV–DW–0001	9 OF 9	D05

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053–073–9184	F	4	S	707655	9	D05

D05
TOTALY REVISED