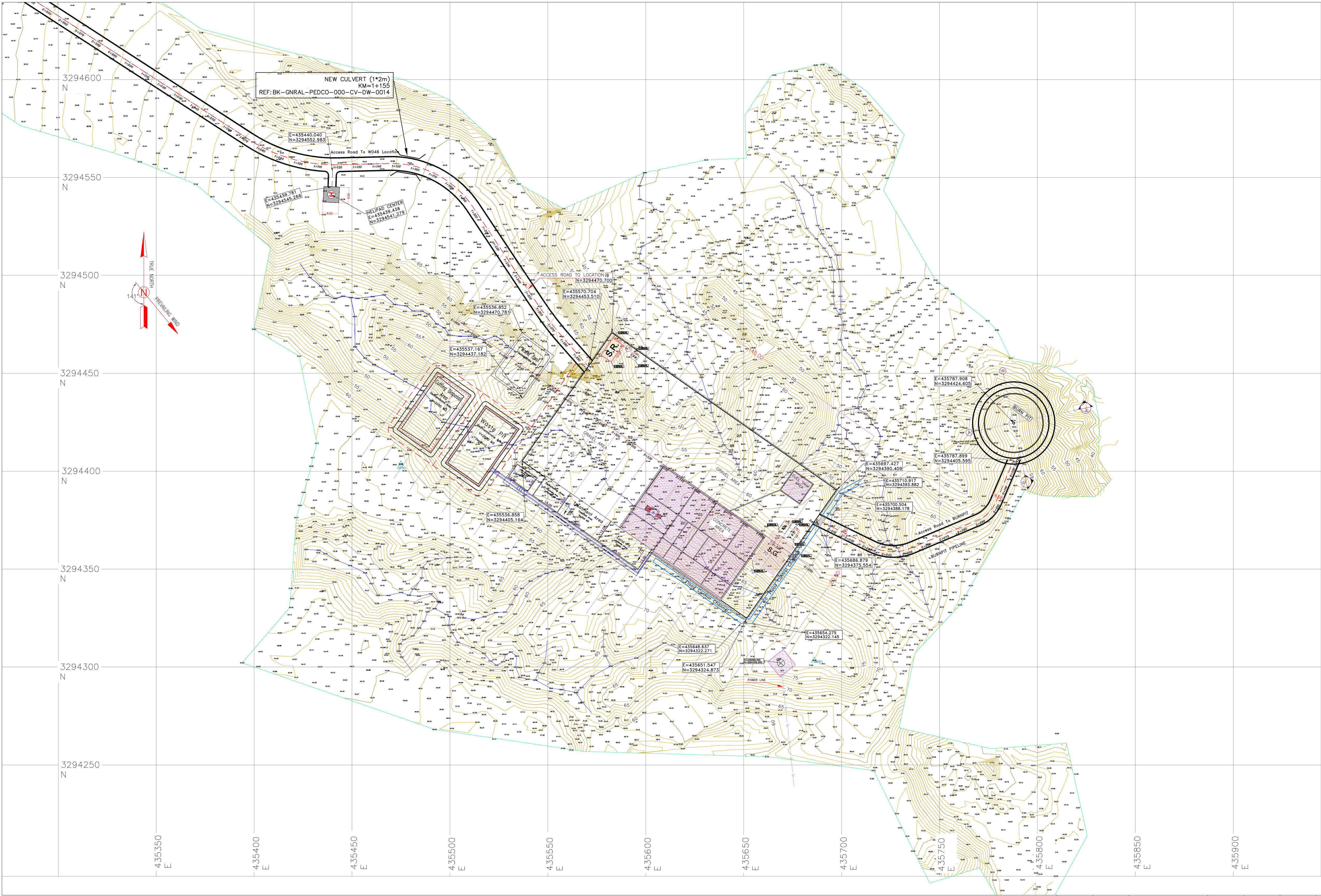




Coordinate of Bench Marks (UTM)			
Points	Northing (m)	Easting (m)	Elevation (m)
BM48	3294748.888	435082.354	41.668
GPS3	3294403.536	435475.560	66.866
GPS1	3294303.397	435686.115	78.025

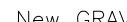
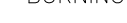
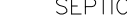
Rough Grading W046S-Topography Map

TOTALY REVISED

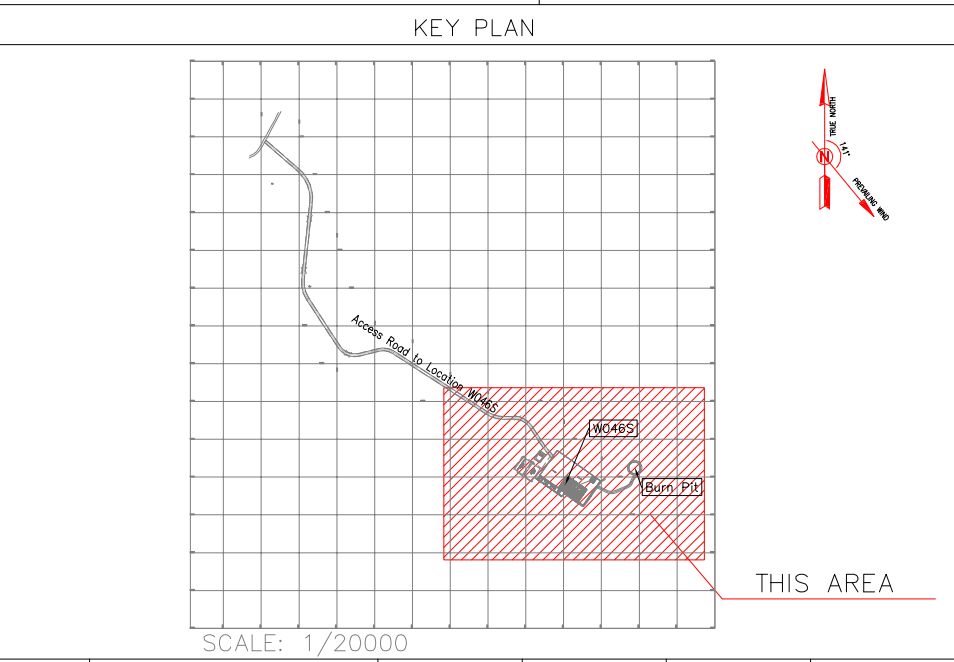
D04	NOV.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	***
D03	JUL.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	***
D02	MAY.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	***
D01	JAN.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	***
D00	DEC.2021	IFC	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES						
PROJECT NO.:			971020			
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):			
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY			
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 10	D04

- NOTES
- 1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
 - 2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
 - 3-GEODETC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETC 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-GNRAI-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.

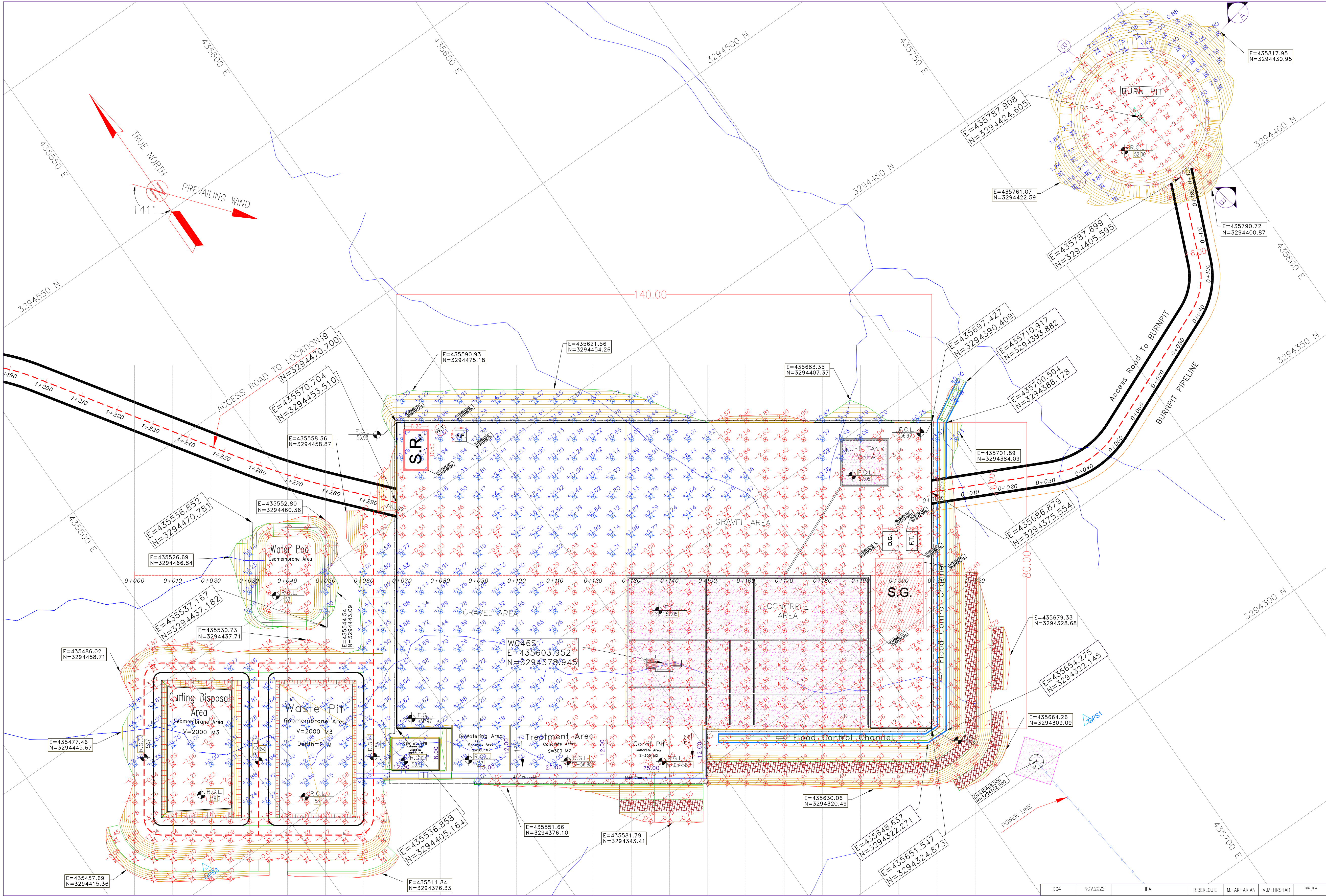
ABBREVIATIONS	
R.G.L.=ROUGH GRADING LEVEL	D.G DIESEL GENERATOR SHELTER
N.G.L.=NATURAL GROUND LEVEL	F.F FIRE FIGHTING SHELTER
F.G.L. = FINISH GRADING LEVEL	W.T. WATER TANK
F.T. FUEL TANK	
S.R. SECURITY ROOM	
S.G. SWITCH GEAR	

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
	BERM
	RETAINING WALL
	CHANNEL
	RIVER
	WATER COURSE
	CONTOURS
	SPOT HEIGHT
	BENCH MARK
	CULVERT
	WELL LOCATION
	WELL
	BURNPIT
	SITE (LOCATION)
	DRILLING CONEX AREA
	FILL THICKNESS
	CUT THICKNESS

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-GNRAI-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details		BK-GNRAI-PEDCO-000-CV-DW-0002
SOURCE TOPO, (W046S-LOCATION)		75263-AT
DESIGNING PLAN OF SITE AND ROAD OF W046 SB		75379-A-ADS



***	*****	***	*****	***	*****
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					
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
053—073—9184	F	4	S	707655	01
					D04



NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.

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

3-GEODEIC 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-GNRL-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.

ABBREVIATIONS

R.G.L.=ROUGH GRADING LEVEL	D.G	DIESEL GENERATOR SHELTER
N.G.L.=NATURAL GROUND LEVEL	F.F	FIRE FIGHTING SHELTER
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	FILL THICKNESS
HELIPAD	CUT THICKNESS
GEOMEMBRANE AREA	
GRADING	
BERM	
RETAINING WALL	

REFERENCE DRAWING

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-PH-DW-0001
Specification For Earth Work	BK-GNRL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRL-PEDCO-000-CV-DW-0002
SOURCE TOPO, (W046S-LOCATION)	75263-AT
DESIGNING PLAN OF SITE AND ROAD OF W046 SB	75379-A-ADS

KEY PLAN

SCALE: 1/20000

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.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES						
PROJECT NO.: 971020						
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):			
HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE: ROUGH GRADING PLANS -W046S (BATTERY LIMIT)						
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
APPROVED FOR CONSTRUCTION BY: DATE:						
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION
1:500	A1	BK-W046S-PEDCO-110-CV-DW-0001	2 of 10	D04	053-073-9184	F

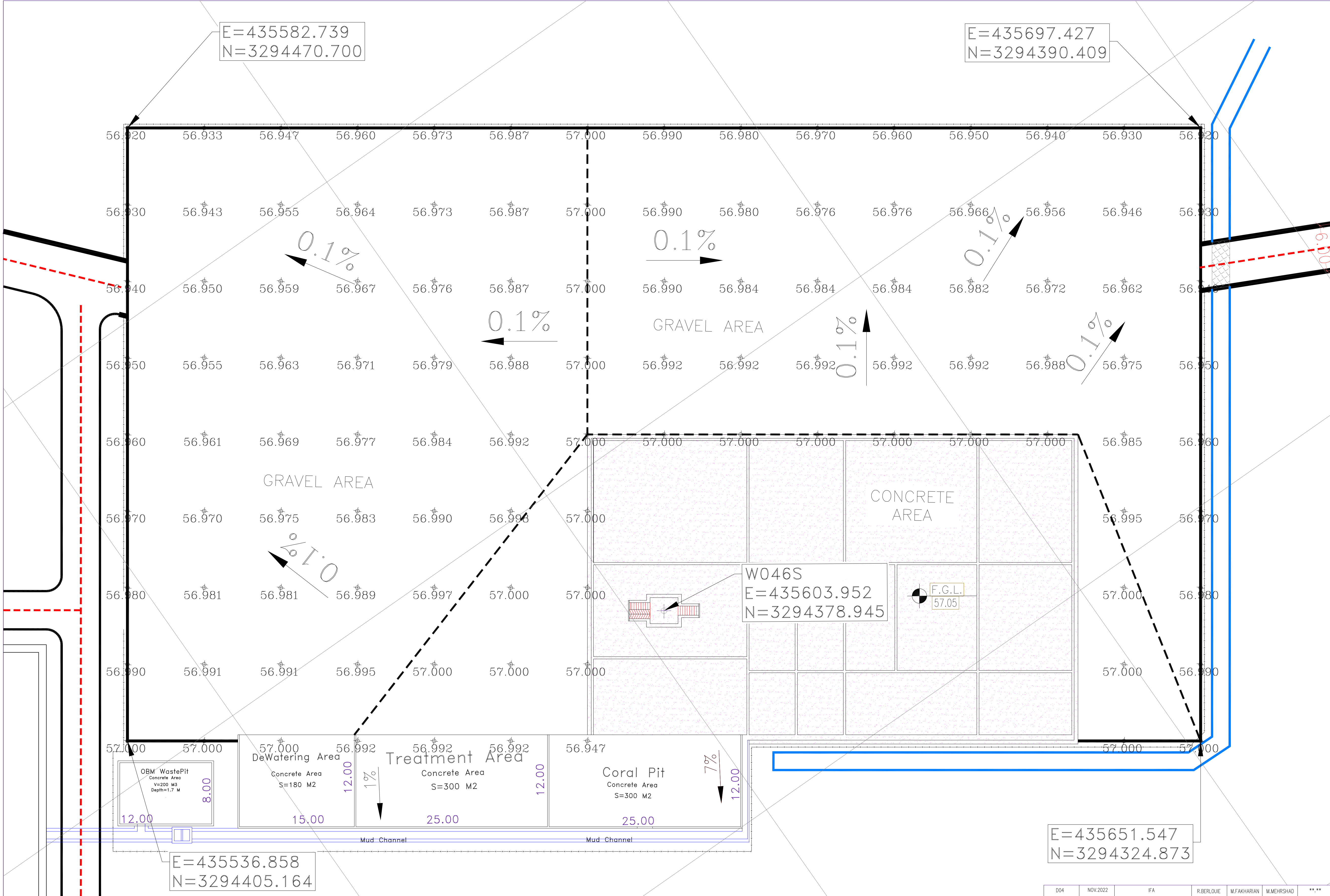
Coordinate of Bench Marks (UTM)

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

971020

TOTALLY REVISED

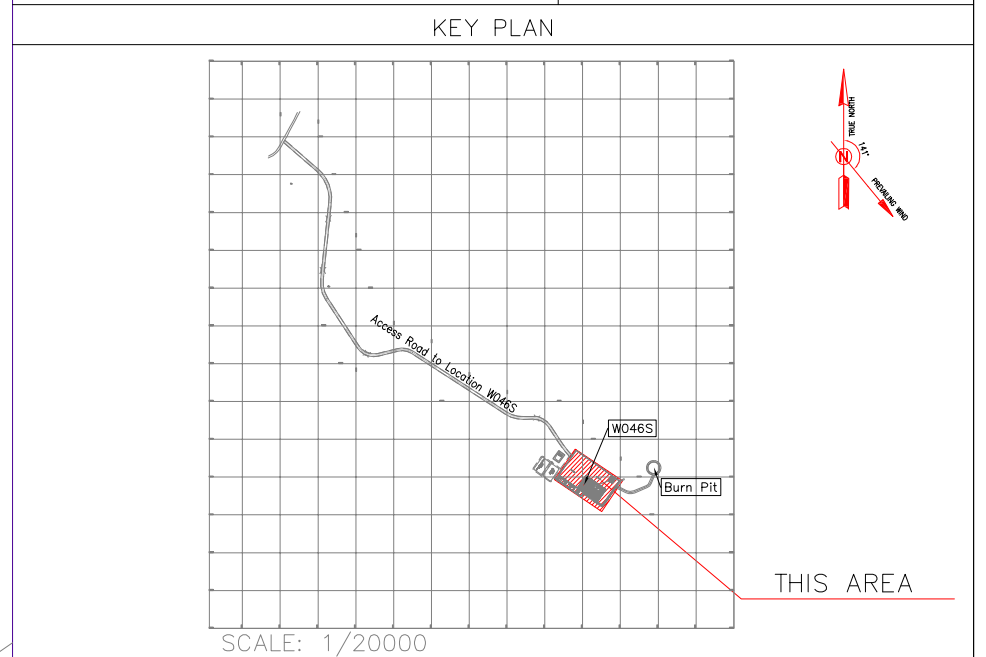


- NOTES
- 1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
 - 2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
 - 3-GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
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-GNRL-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 (WARN...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

ABBREVIATIONS	
R.C.L.=ROUGH GRADING LEVEL	D.G DIESEL GENERATOR SHELTER
N.G.L.=NATURAL GROUND LEVEL	F.F FIRE FIGHTING SHELTER
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
	BERM
	RETAINING WALL
	CHANNEL
	RIVER
	WATER COURSE
	CONTOURS
	SPOT HEIGHT
	BENCH MARK
	CULVERT
	WELL LOCATION
	WELL
	BURNPIT
	SITE (LOCATION)
	DRILLING CONEX AREA
	FILL THICKNESS
	CUT THICKNESS

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-GNRL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRL-PEDCO-000-CV-DW-0002
SOURCE TOPO, (W046S-LOCATION)	75263-AT
DESIGNING PLAN OF SITE AND ROAD OF W046 SB	75379-A-ADS



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-Slope and Spot Elevation

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.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES						
PROJECT NO.:			971020			
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):			
 			 PETROIRAN DEVELOPMENT COMPANY			
HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES						
DRAWING TITLE:			ROUGH GRADING PLANS – W046S (BATTERY LIMIT)			
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.
1:250	A1	BK–W046S–PEDCO–110–CV–DW–0001			3 of 10	D04

***	*****	** **	*** ****	** **	*** ****
REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
احمل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.					
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS					
BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES					
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.	
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED					
APPROVED FOR CONSTRUCTION			BY:		DATE:
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET
053-073-9184	F	4	S	707655	03
					D04

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

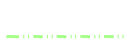
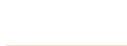
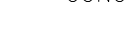
Cross Section-(From Km.0+000 To Km.0+030) -W046S

TOTALY REVISED

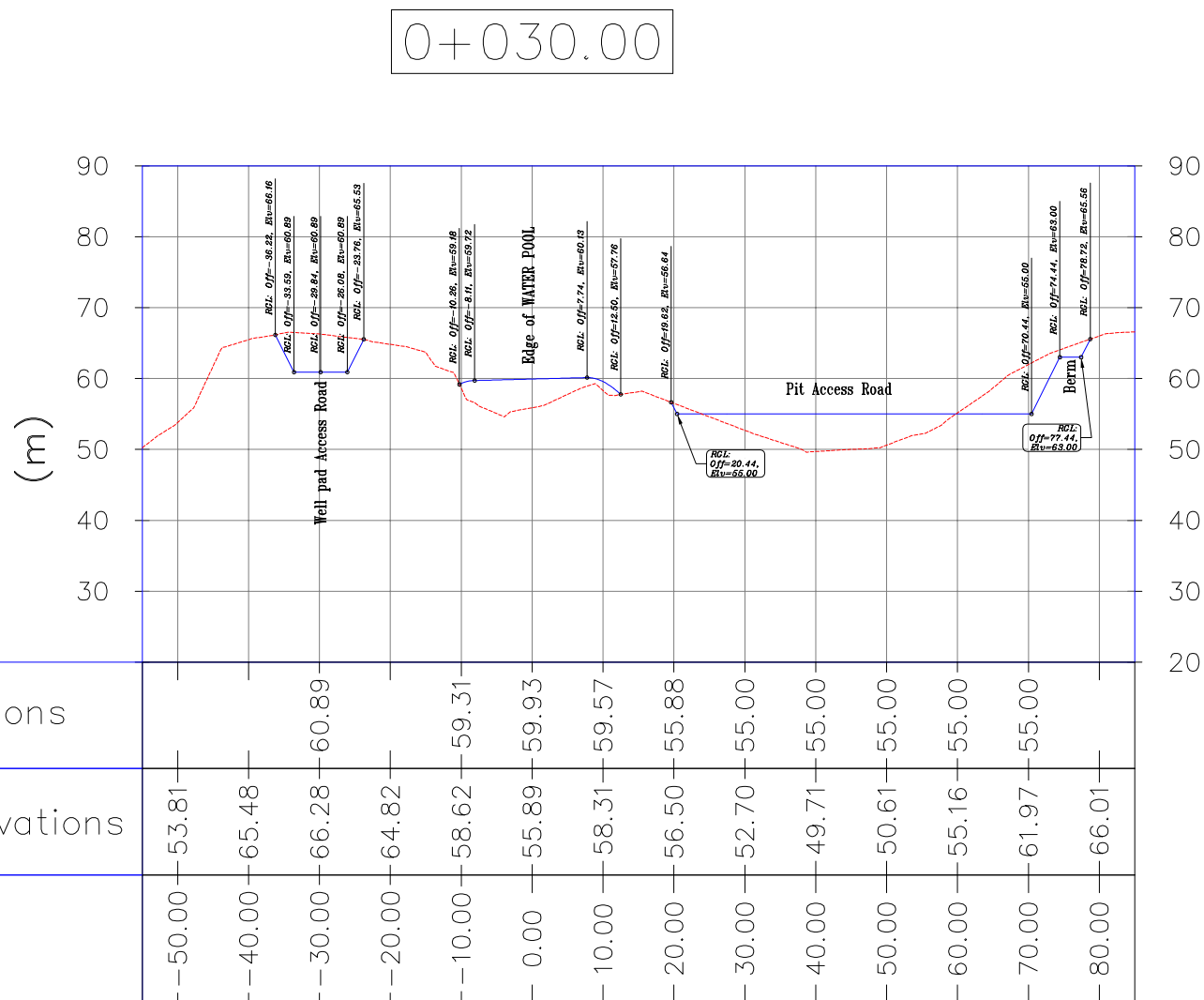
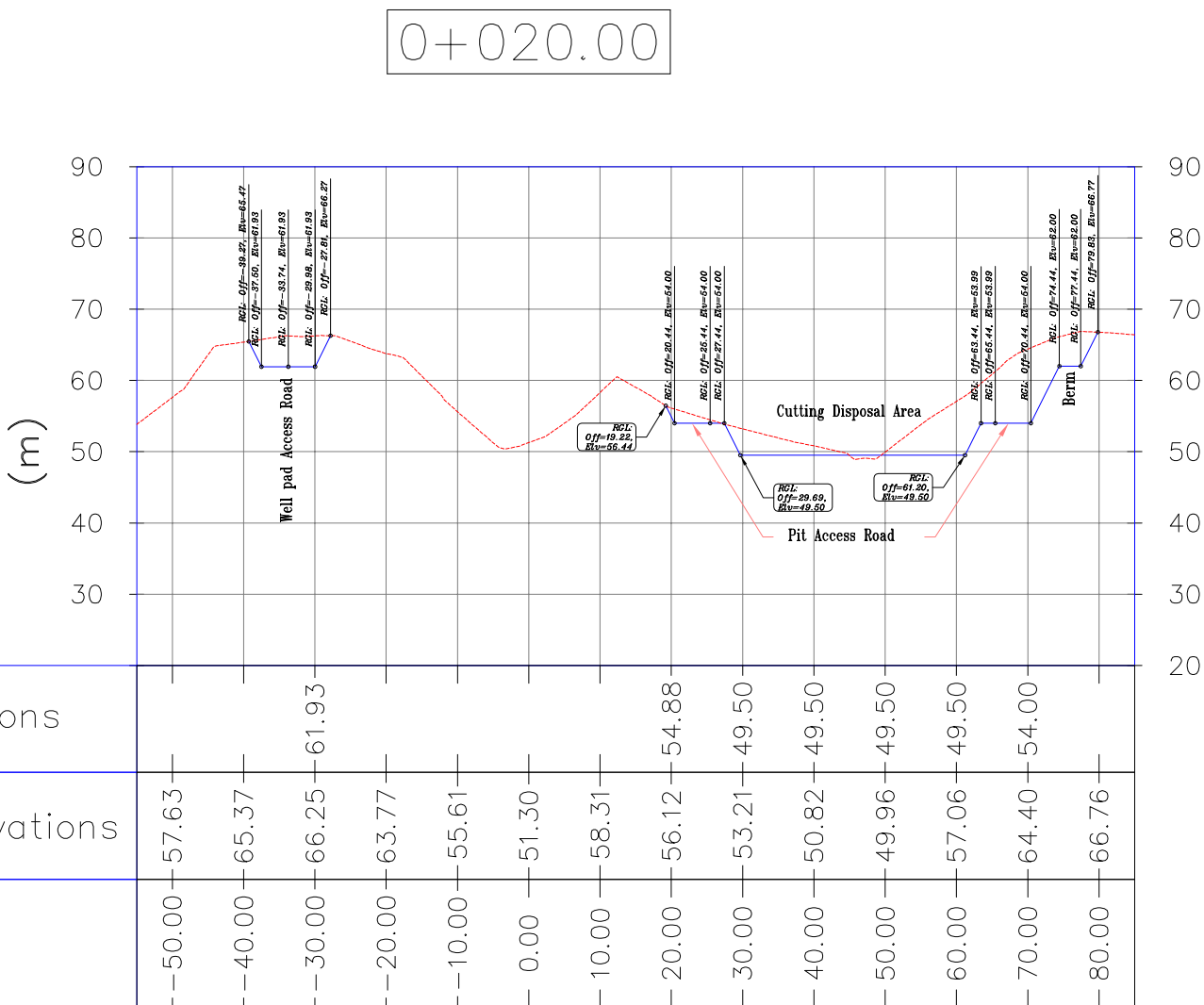
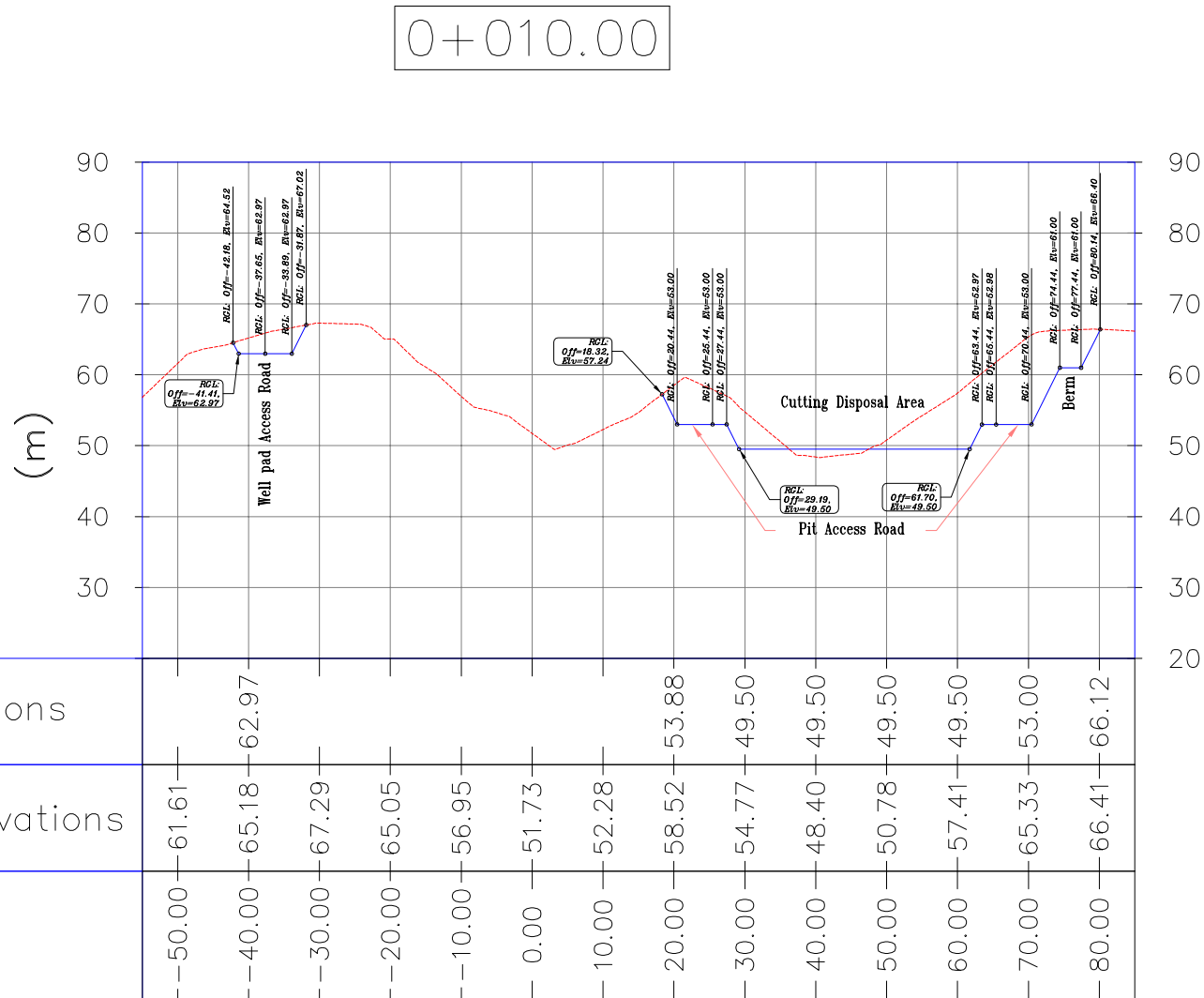
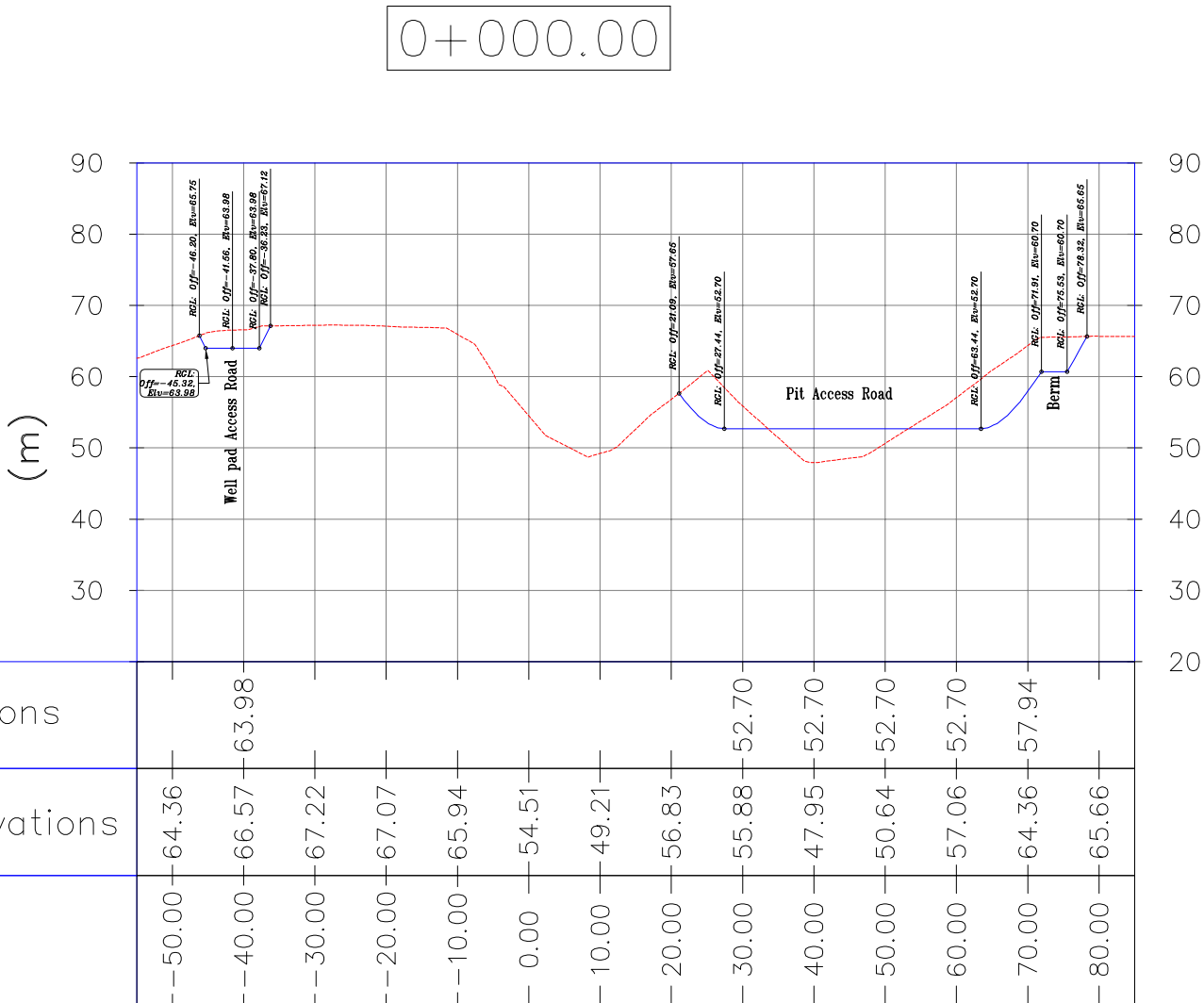
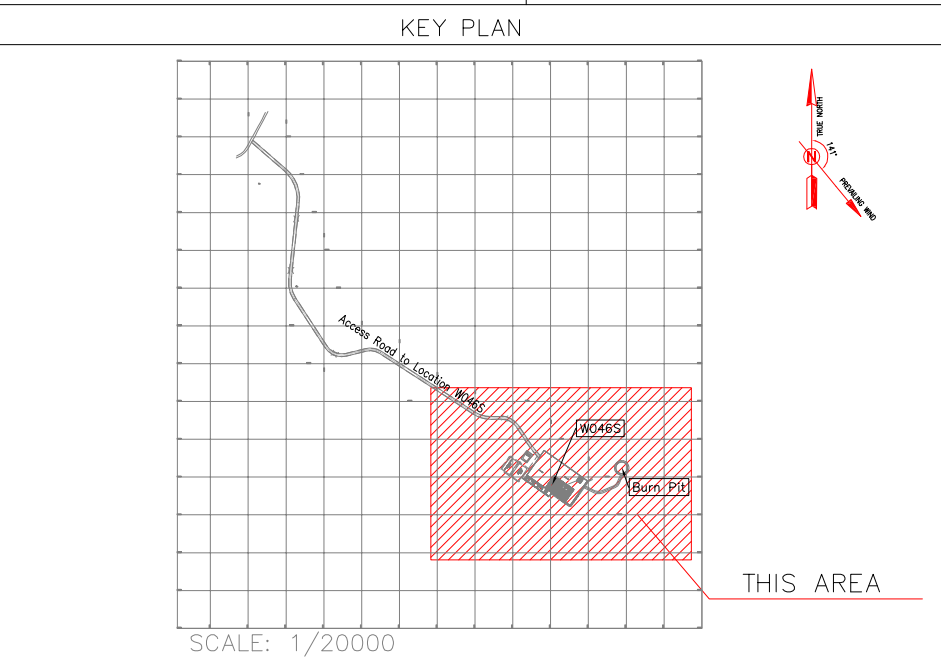
D04	NOV.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	***																				
D03	JUL.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	***																				
D02	MAY.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	***	***	*****	***	*****	***	*****														
D01	JAN.2022	IFA	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	***			BY	DATE	BY	DATE														
D00	DEC.2021	IFC	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	***	REV.	DESCRIPTION	CHECKED		REV. APPR.															
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	جوابیه هیئت فنی اصل و کلیه نسخ این نقشه و حق امتیاز متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.																				
PROJECT NAME:							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 NO.:							971020																			
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):				BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES																			
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY				DATE																			
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED																			
ROUGH GRADING PLANS – W046S (CROSS SECTIONS)							APPROVED FOR CONSTRUCTION						BY:		DATE:											
							BUDGET REF.						LOCATION		SIZE		CLASS		SERIAL NO.		SHEET		REVISION			
SCALE		SIZE		DRAWING NO.			SHEET NO.		REV.		053-073-9184			F		4		S		707655			04		D04	

- NOTES
- 1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
- 2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
- 3-GEODETC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETC 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-GNRL-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

ABBREVIATIONS	
R.G.L.=ROUGH GRADING LEVEL	D.G DIESEL GENERATOR SHELTER
N.G.L.=NATURAL GROUND LEVEL	F.F FIRE FIGHTING SHELTER
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-GNRL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRL-PEDCO-000-CV-DW-0002
SOURCE TOPO. (W046S-LOCATION)	75263-A1
DESIGNING PLAN OF SITE AND ROAD OF W046 SB	75379-A-AOS



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

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

TOTALY REVISED

- NOTES
- 1- ALL COORDINATES AND ELEVATIONS ARE IN METER.

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

3-GEODETC PARAMETERS FOR COORDINATES ARE AS BELOW:

HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39

ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)

MAP PROJECTION: UNIVERSAL TRANSVERSE MERGATOR (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-GNRL-PEDCO-000-CV-SP-0004".

- GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.

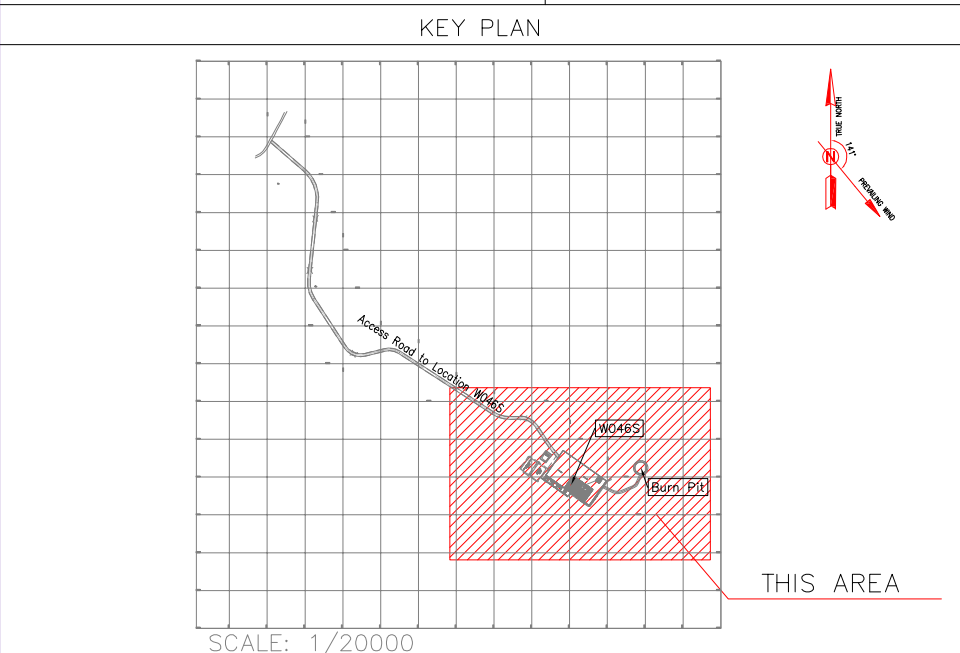
5-BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (WARM...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.

6- PROJECT LINE ELEVATION = ROUGH GRADING LEVEL

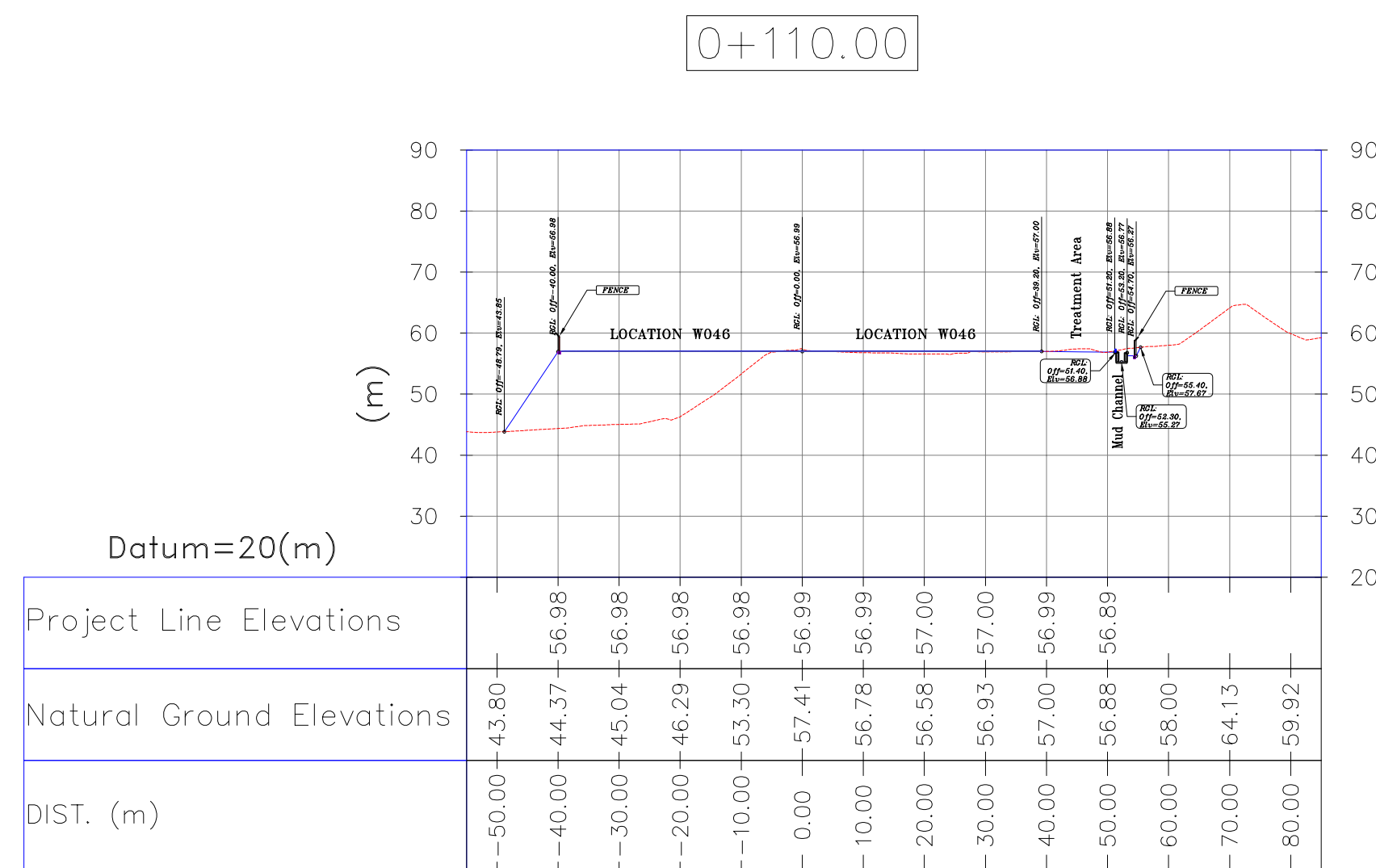
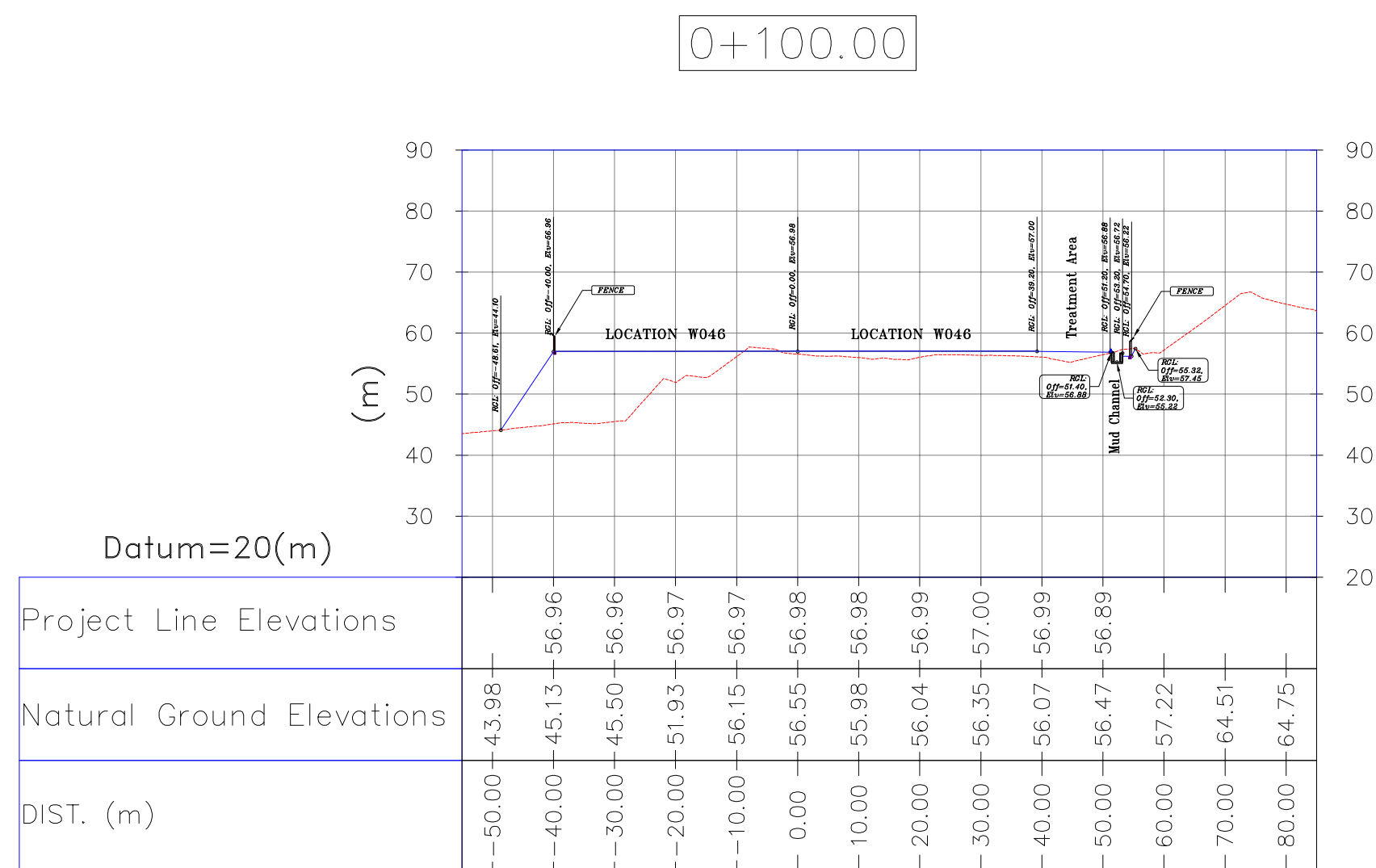
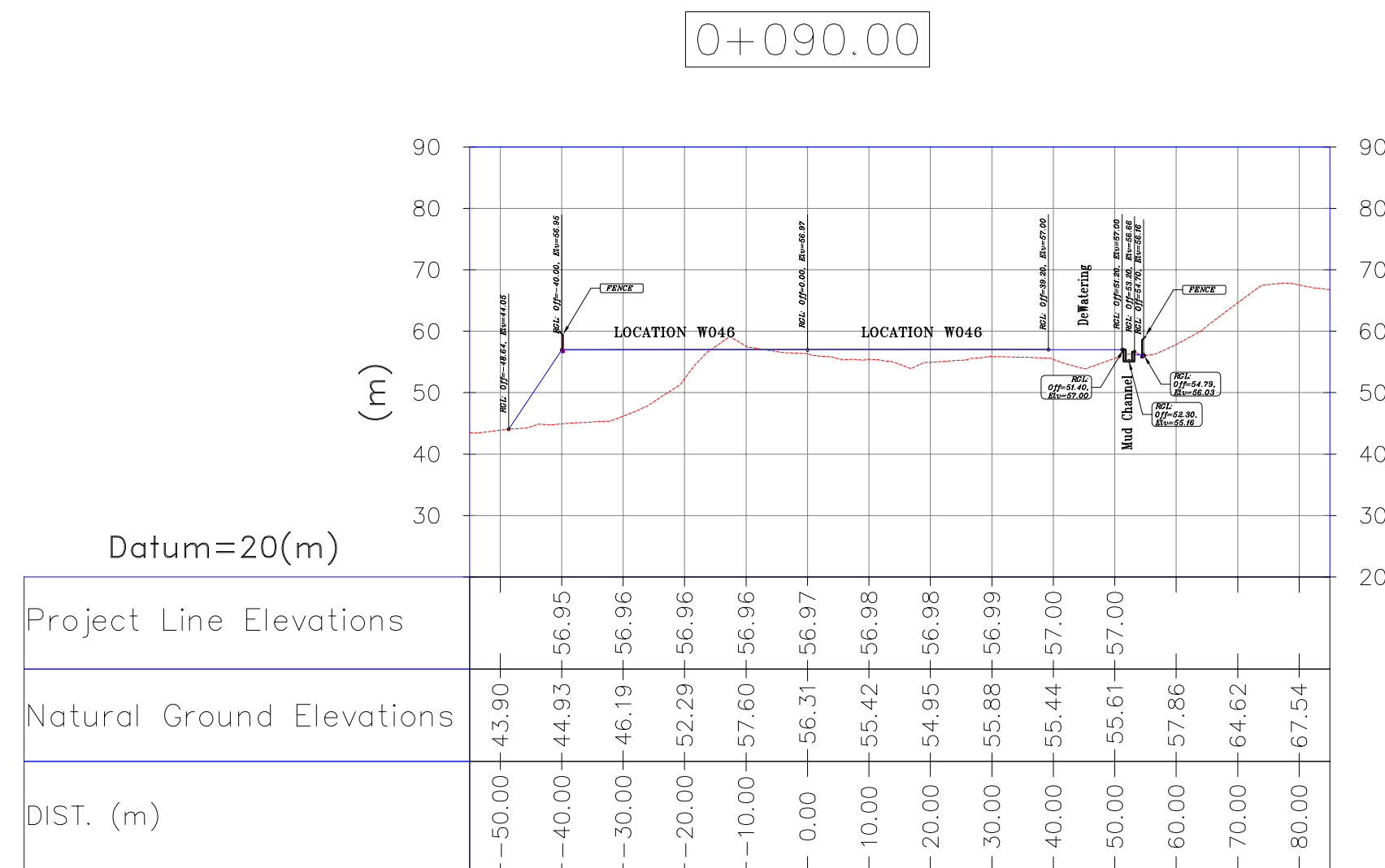
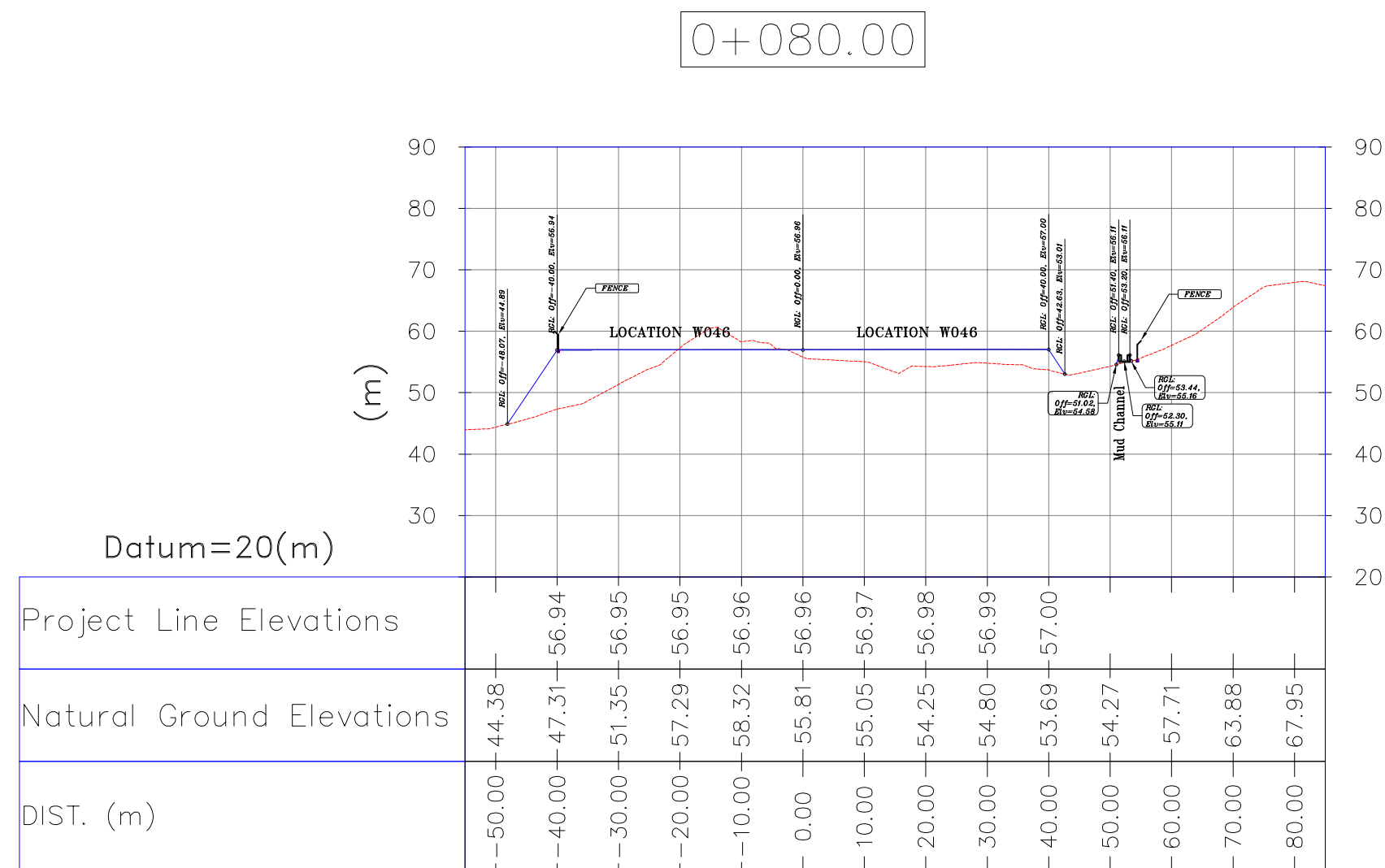
ABBREVIATIONS	
R.G.L.=ROUGH GRADING LEVEL	D.G DIESEL GENERATOR SHELTER
N.G.L.=NATURAL GROUND LEVEL	F.F FIRE FIGHTING SHELTER
F.G.L. = FINISH GRADING LEVEL	W.T. WATER TANK
F.T. FUEL TANK	
S.R. SECURITY ROOM	
S.G. SWITCH GEAR	

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-GNRL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRL-PEDCO-000-CV-DW-0002
SOURCE TOPO. (W046S-LOCATION)	75263-A1
DESIGNING PLAN OF SITE AND ROAD OF W046 SB	75379-A-AOS



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	***			BY	DATE	BY	DATE	
D00	DEC.2021	IFC	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	***	REV.	DESCRIPTION	CHECKED		REV. APPR.		
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	جواب: فیلیشت.							
PROJECT NAME:						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 NO.:						971020							
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):			BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES							
													
HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			PEDCO										
DRAWING TITLE:						NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED							
ROUGH GRADING PLANS –W046S (GROSS SECTIONS)						APPROVED FOR CONSTRUCTION							
						BY:							
						DATE:							
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
1:1000	A1	BK–W046S–PEDCO–110–CV–DW–0001			5 of 10	D04	053-073-9184	F	4	S	707655	05	D04



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 38
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 30
 - "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
 - PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNPRAL-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.

ABBREVIATIONS		
R.G.L.=ROUGH GRADING LEVEL	D.G	DIESEL GENERATOR SHELTER
N.G.L.=NATURAL GROUND LEVEL	F.F	FIRE FIGHTING SHELTER
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		BURNING PIT LINE
	BURNING PIT LINE		BENCH MARK
	WATER LINE		CULVERT
	BUILDING		WELL LOCATION
	CONCRETE AREA		WELL
	SEPTIC		BURNPIT
	MANHOLE		SITE (LOCATION)
	POLE		DRILLING CONEX AREA
	HELIPAD		RETAINING WALL
	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-PI-DW-0001
Specification For Earth Work	BK-GMRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GMRAL-PEDCO-000-CV-DW-0002
SOURCE TOPO. (W046S-LOCATION)	75263-AT
DESIGNING PLAN OF SITE AND ROAD OF W046 SB	75379-A-ADS

KEY PLAN

Avenue Road @ Guelph Road

GUELPH RD

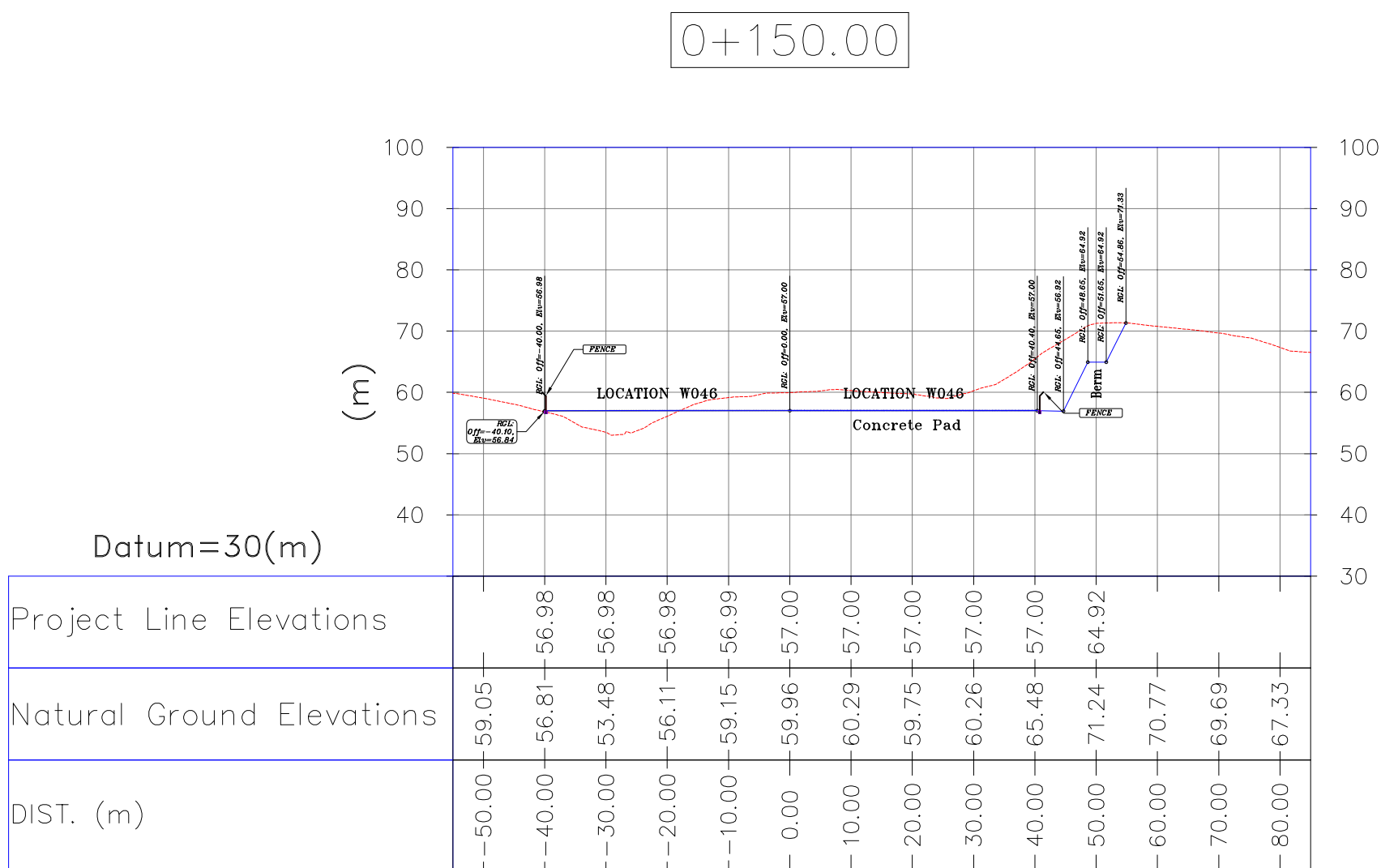
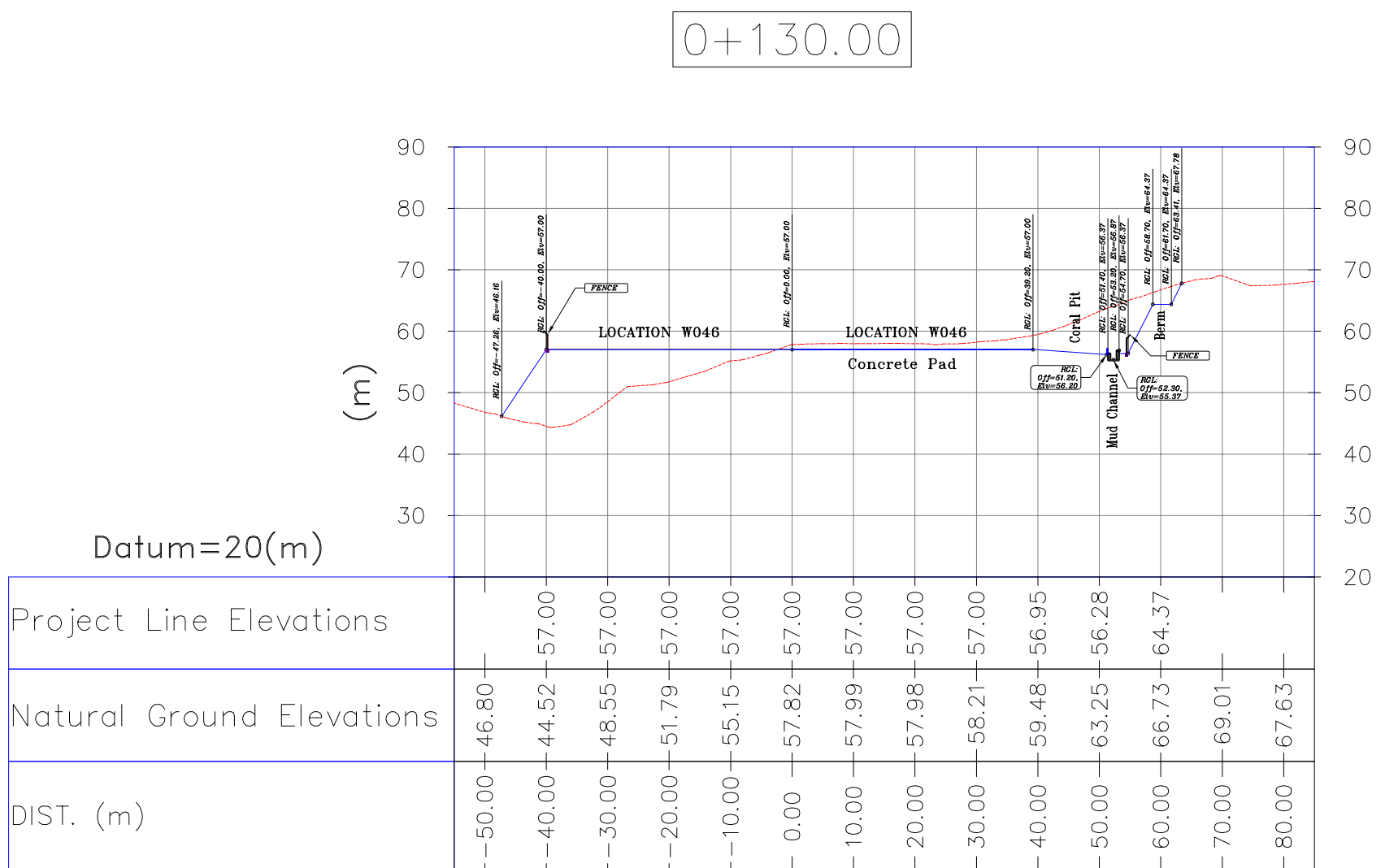
THIS AREA

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

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

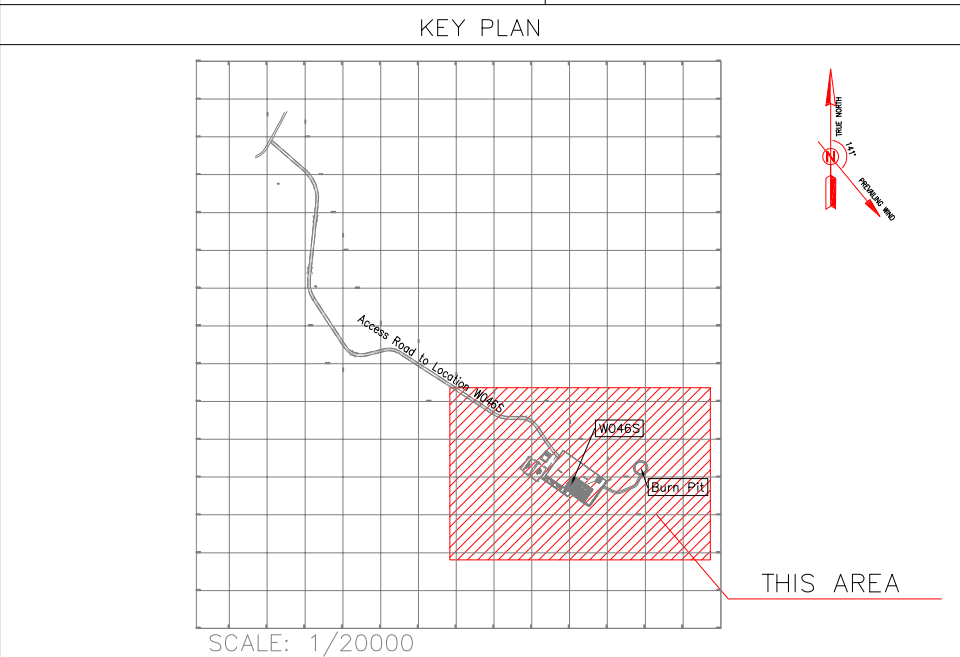
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ABBREVIATIONS		
R.G.L.=ROUGH GRADING LEVEL	D.G	DIESEL GENERATOR SHELTER
N.G.L.=NATURAL GROUND LEVEL	F.F	FIRE FIGHTING SHELTER
F.G.L. = FINISH GRADING LEVEL	W.T.	WATER TANK
F.T. FUEL TANK		
S.R. SECURITY ROOM		
S.G. SWITCH GEAR		

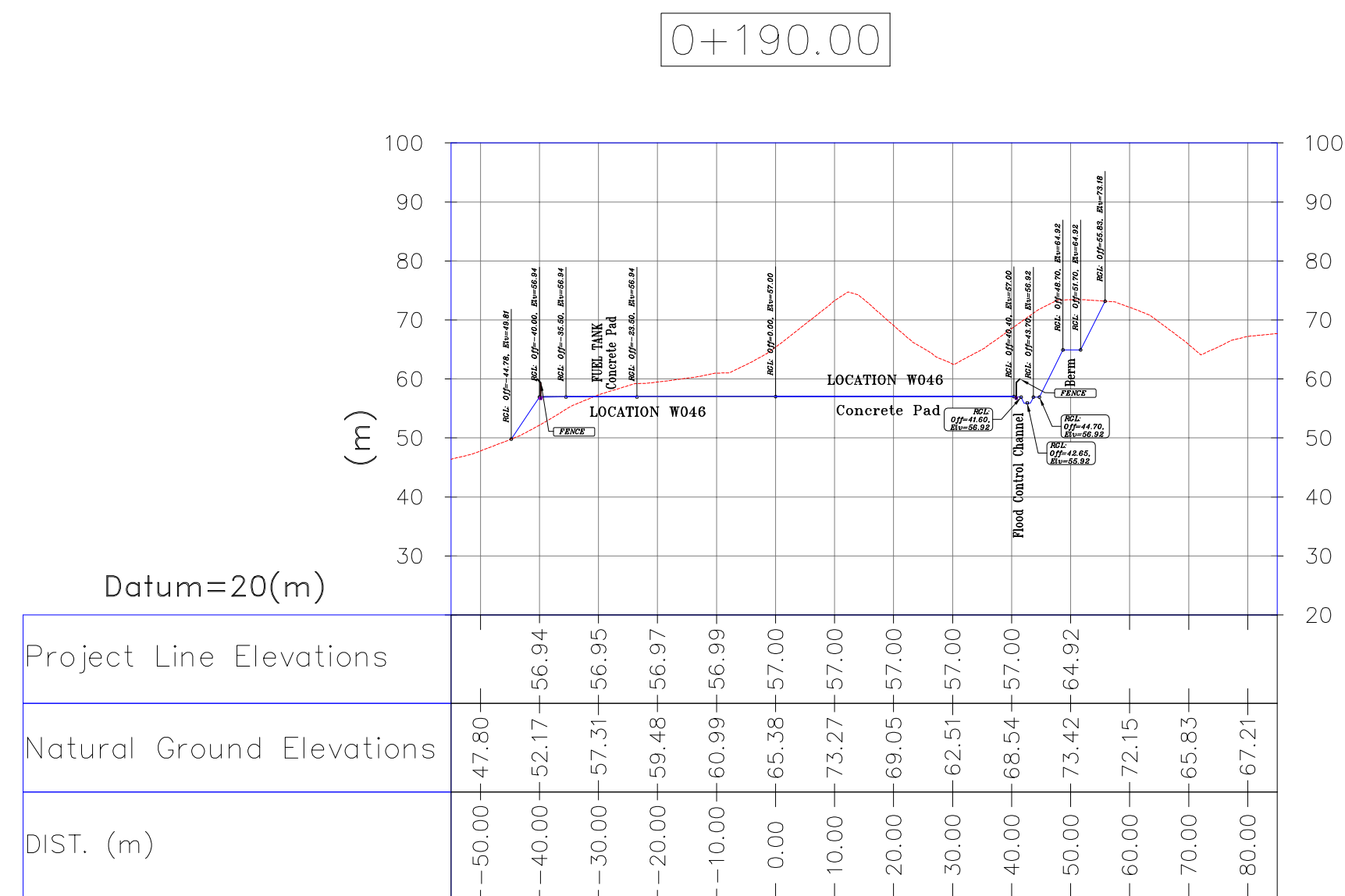
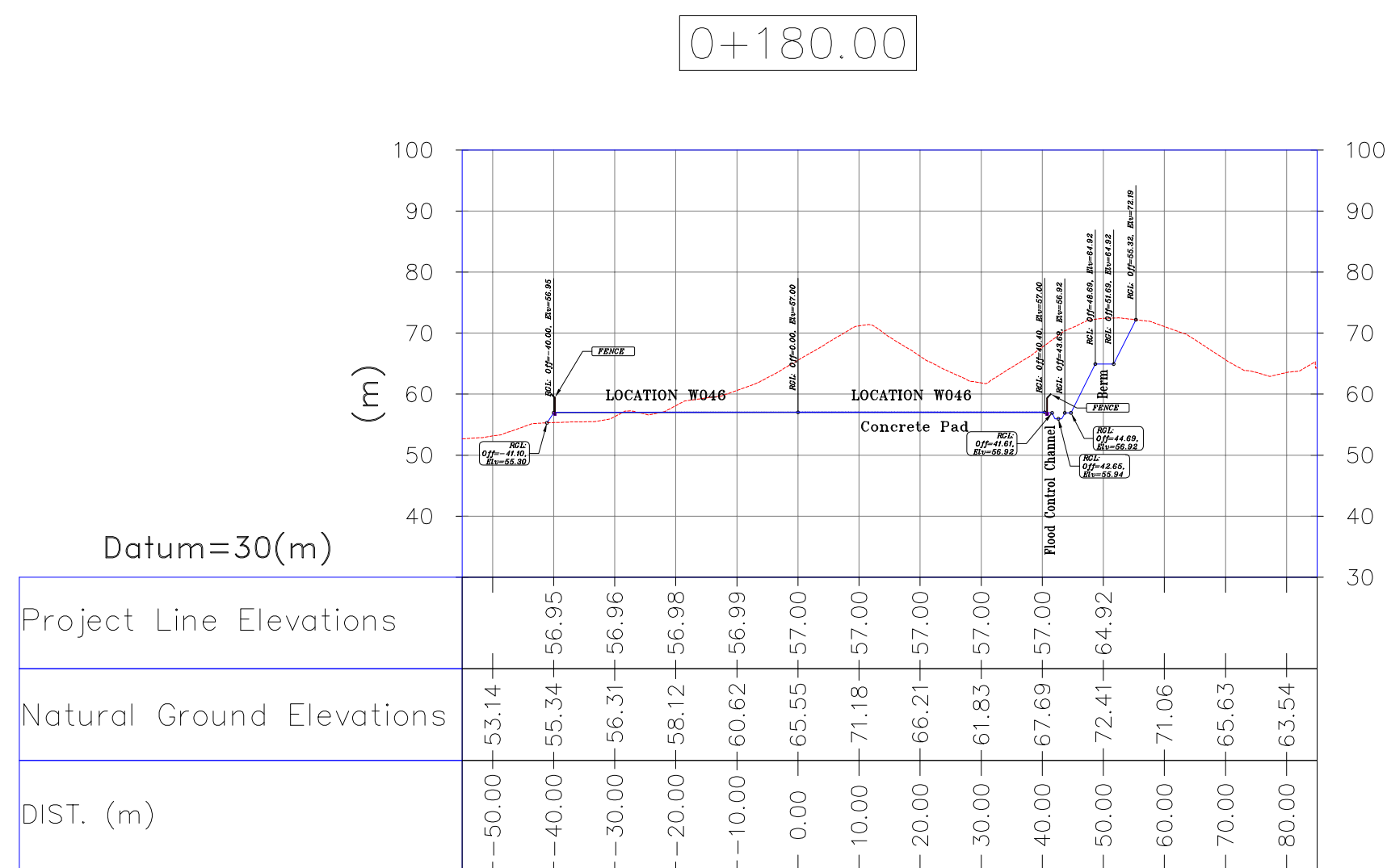
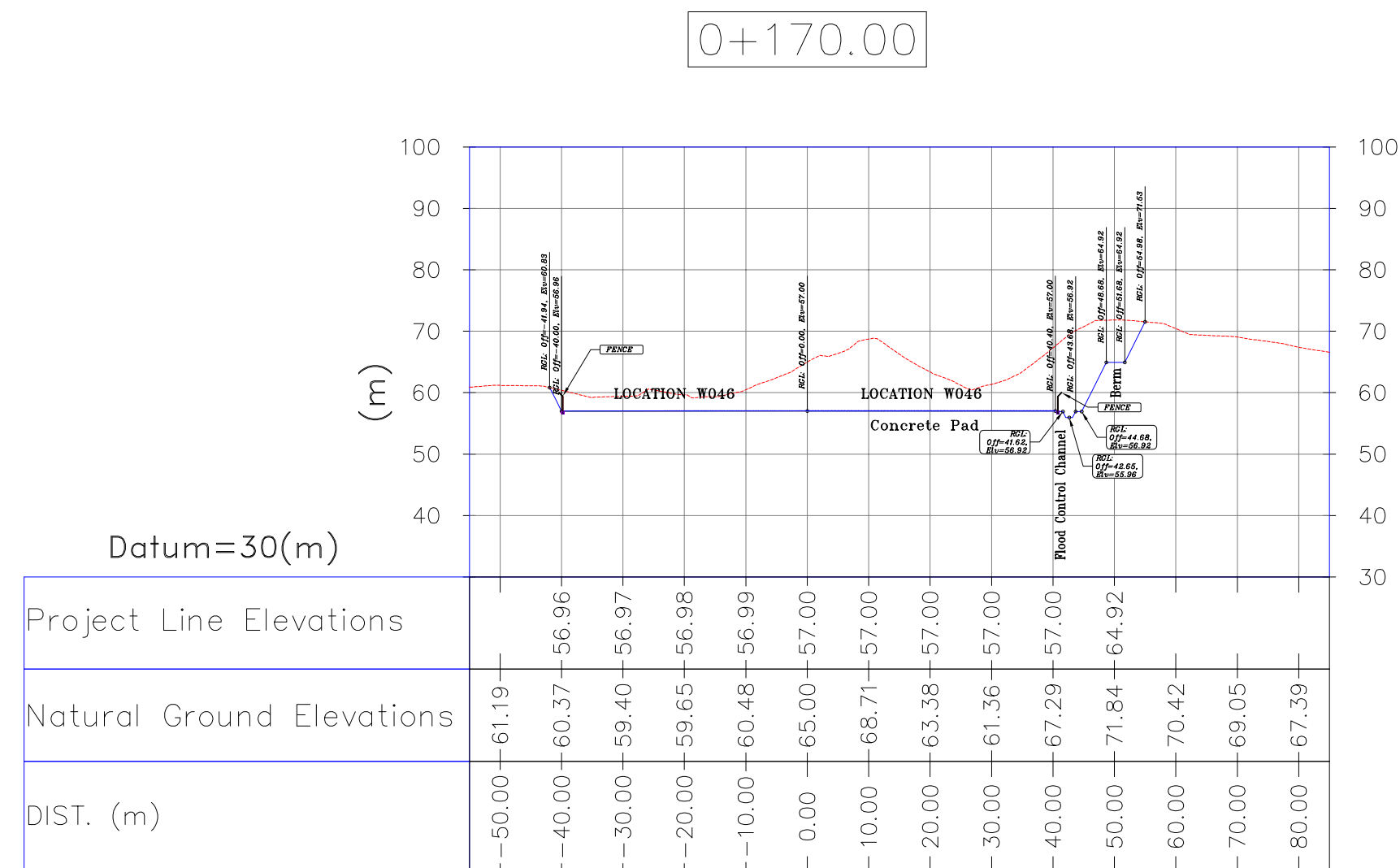
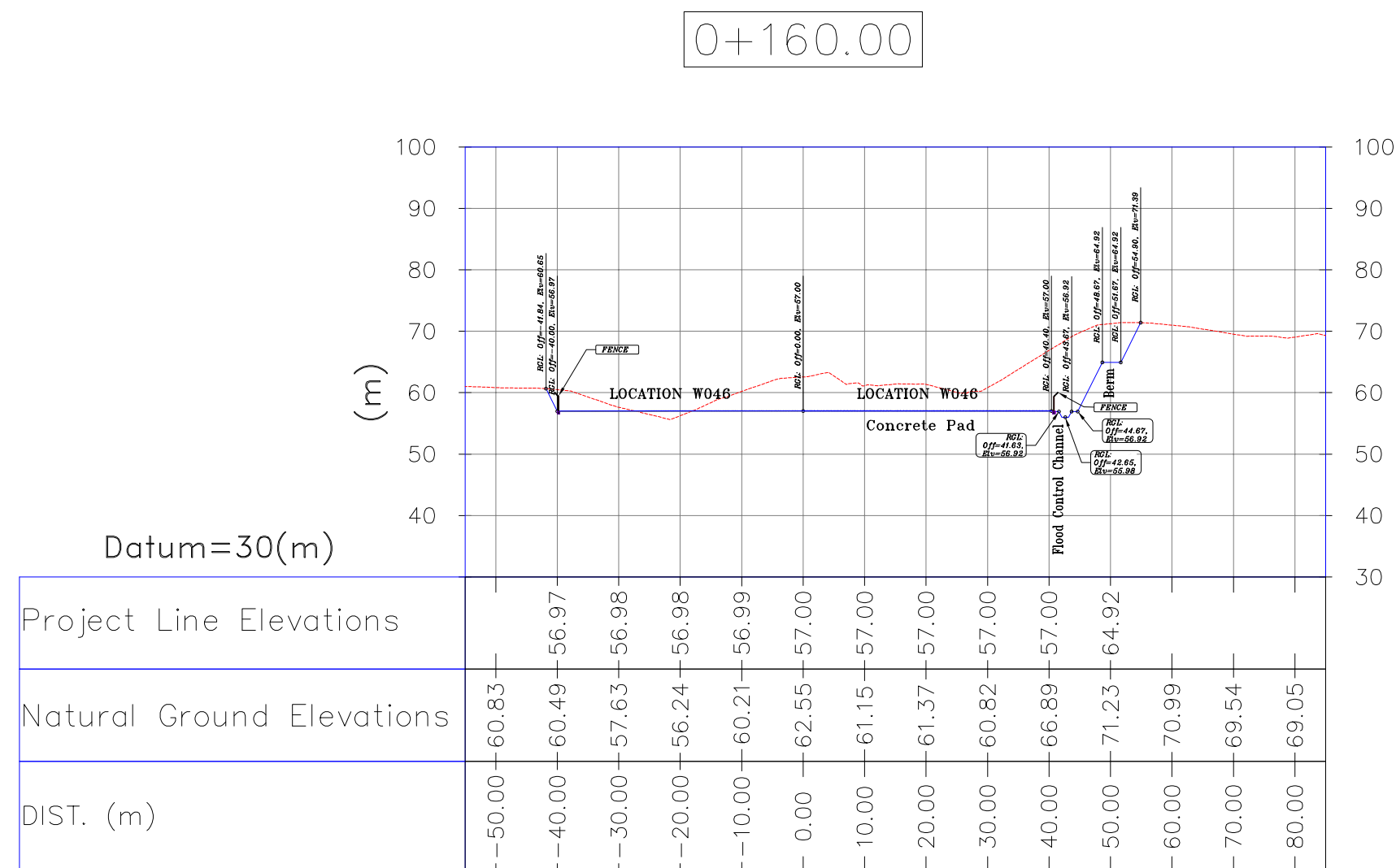
LEGEND			
	Existing GRAVEL ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	ASPHALT ROAD		WATER COURSE
	STAIR		CONTOURS
	TRENCH		SPOT HEIGHT
	FENCE	99.27	BURNING PIT LINE
	BURNING PIT LINE		BENCH MARK
	WATER LINE		CULVERT
	BUILDING		WELL LOCATION
	CONCRETE AREA		WELL
	SEPTIC		BURNPIT
	MANHOLE		SITE (LOCATION)
	POLE		DRILLING CONEX AREA
	HELIPAD		RETAINING WALL
	GEOMEMBRANE AREA		GRADING
	GRADING AREA		BATTERY LIMITS

REFERENCE DRAWING	DRG. NO.
GENERAL CIVIL LAYOUT - W0465	BK-W0465-PEDCO-110-CV-PY-0001
CIVIL AND STRUCTURAL DRAWINGS - W0465	BK-W0465-PEDCO-110-CV-PY-0002
PLOT PLAN DRAWING - W0465	BK-W0465-PEDCO-110-PL-DW-0001
Specification For Earth Work	BK-CNRRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-CNRRAL-PEDCO-000-CV-DW-0002
SOURCE TOPO. (W0465-LOCATION)	75263-AT
DESIGNING PLAN OF SITE AND ROAD OF W046 SB	75379-A-ADS



Cross Section-(From Km.0+120 To Km.0+150) -W046S

[illegible]



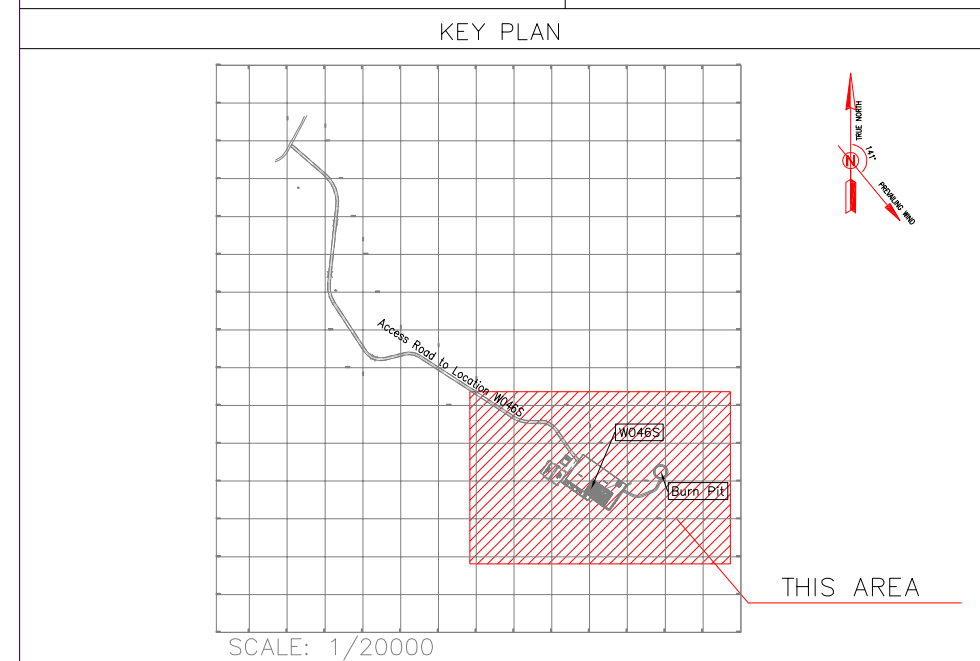
NOTES

- 1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
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HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 38
ELLIPSOID: WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MEAN SEA LEVEL
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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-INCRAL-PECCO-000-CV-SP-0004"
 - GEOTECHNICAL REPORTS AND QUALITY SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
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- 6- PROJECT LINE ELEVATION = ROUGH GRADING LEVEL.

ABBREVIATIONS		
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S.G.=NATURAL GROUND LEVEL	F.F	FIRE FIGHTING SHELTER
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	99,27	BURNING PIT LINE
	BURNING PIT LINE		BENCH MARK
	WATER LINE		CULVERT
	BUILDING		WELL LOCATION
	CONCRETE AREA		WELL
	SEPTIC		BURNPIT
	MANHOLE		SITE (LOCATION)
	POLE		DRILLING CONEX AREA
	HELIPAD		RETAINING WALL
	GEOMEMBRANE AREA		GRADING
			BATTERY LIMITS

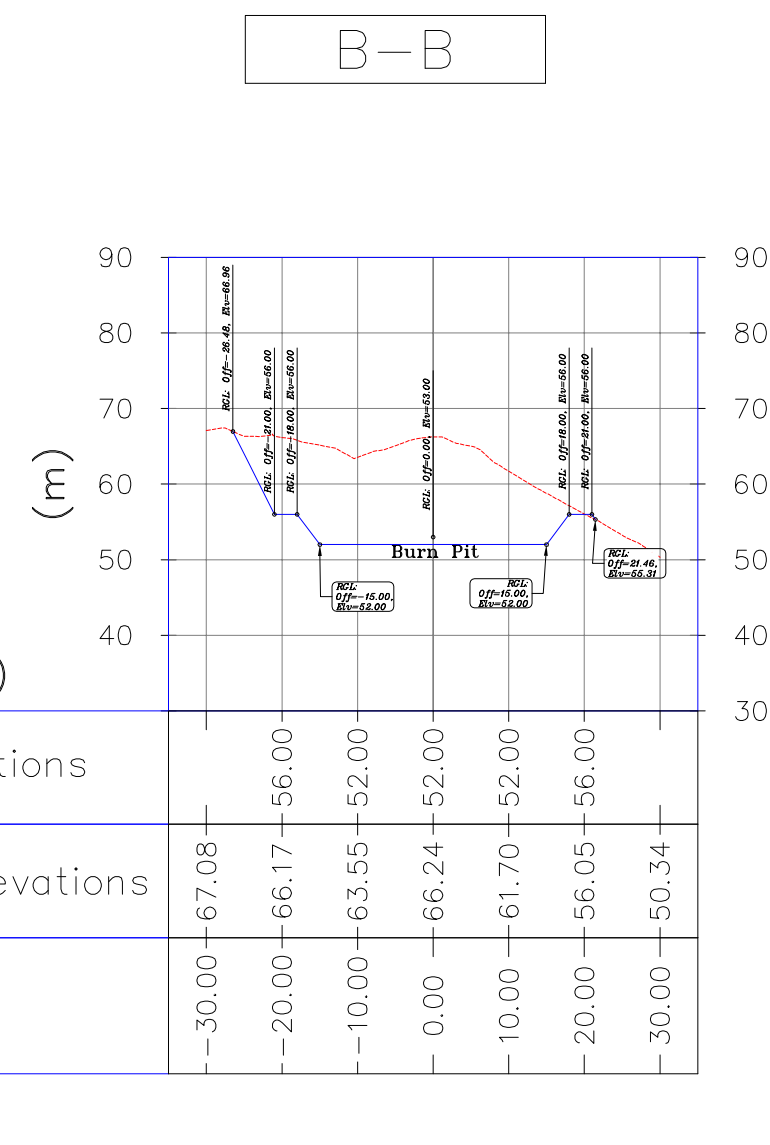
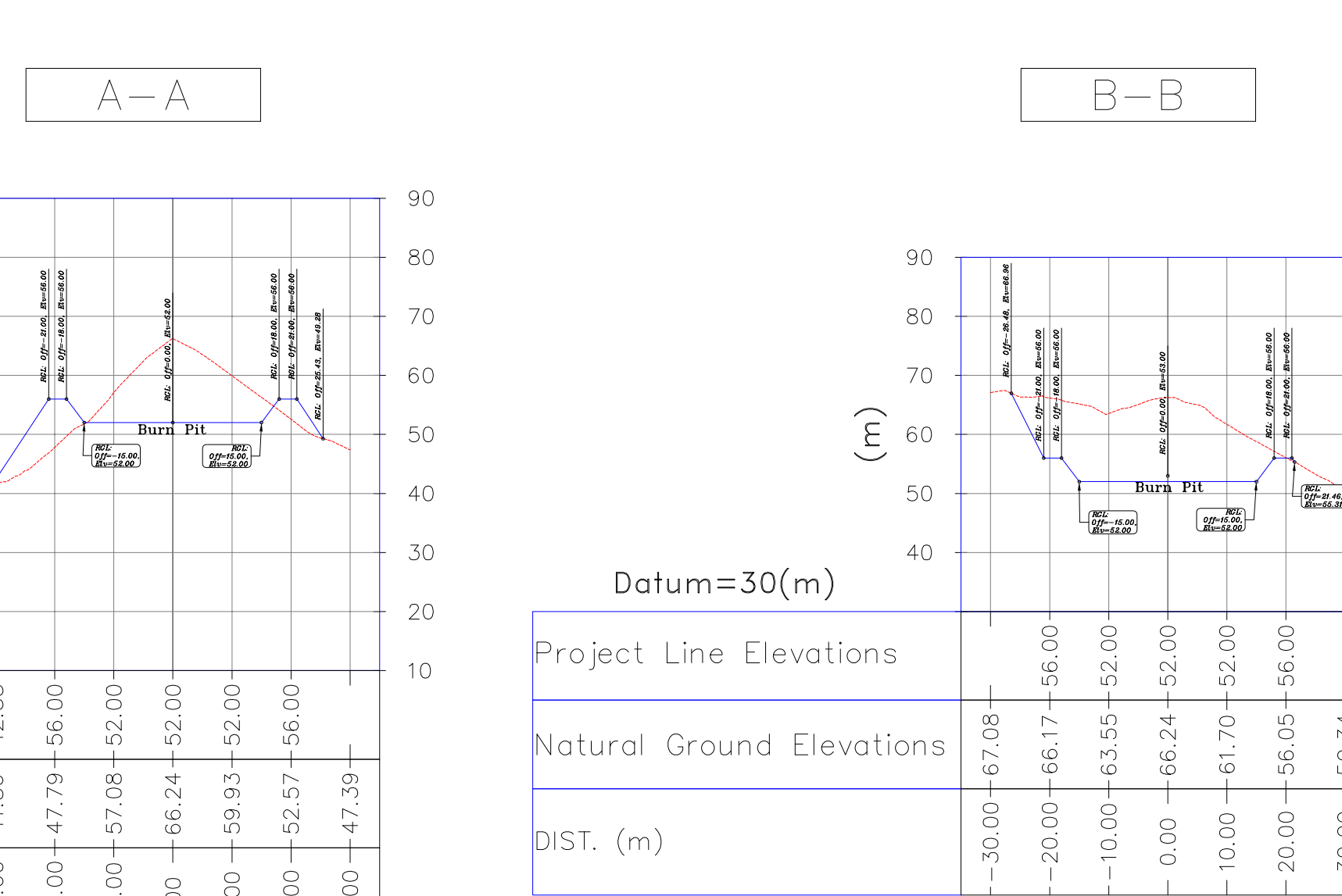
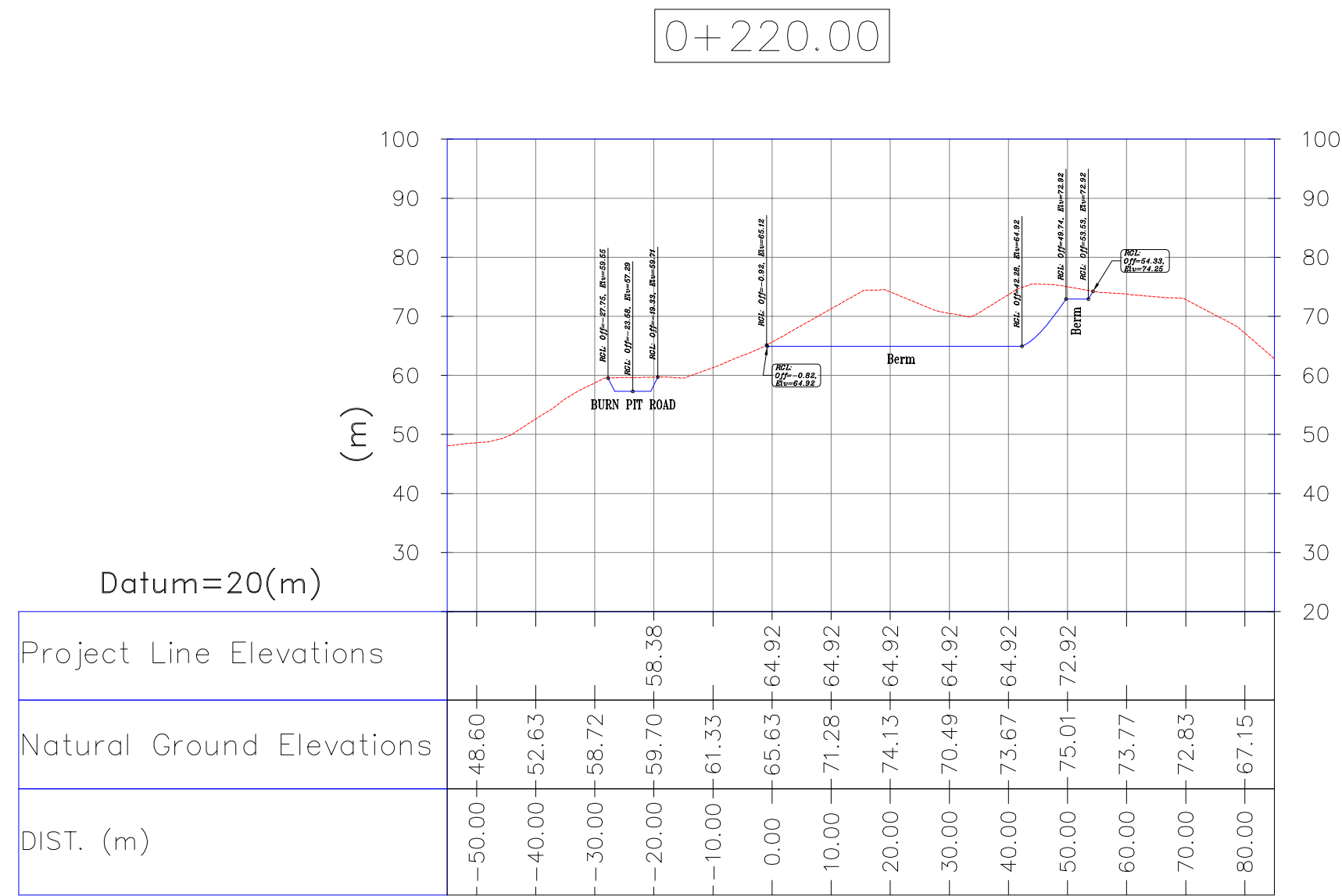
REFERENCE DRAWING	DRG. No.
GENERAL CIVIL LAYOUT - W046S	BK-W046S-PEDCO-110-CV-PY-0001
CIVIL AND STRUCTURAL DRAWINGS - W046S	BK-W046S-PEDCO-110-CV-PY-PY-0002
PLOT PLAN DRAWING - W046S	BK-W046S-PEDCO-110-PI-PI-DW-0001
Specification For Earth Work	BK-GRNRL-PEDCO-000-CV-SF-0004
Standard Drawing For Slope Protection Details	BK-GRNRL-PEDCO-000-CV-DW-0002
SOURCE TOPO. (W046S-LOCATION)	75263-AT
DESIGNING PLAN OF SITE AND ROAD OF W046 SB	75379-A-A-ADS



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

Cross Section-(From Km.0+160 To Km.0+190) -W046S

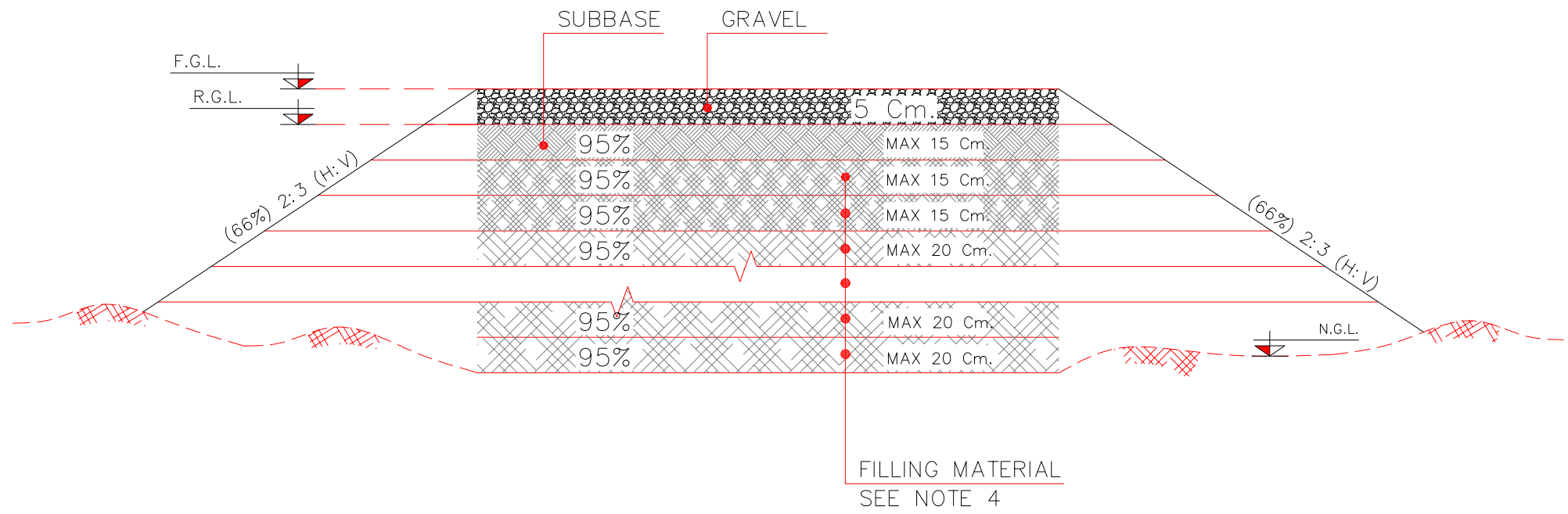
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Cross Section-(From Km.0+200 To Km.0+220) & Burn Pit (A-A, B-B)-W046S

[illegible]

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 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

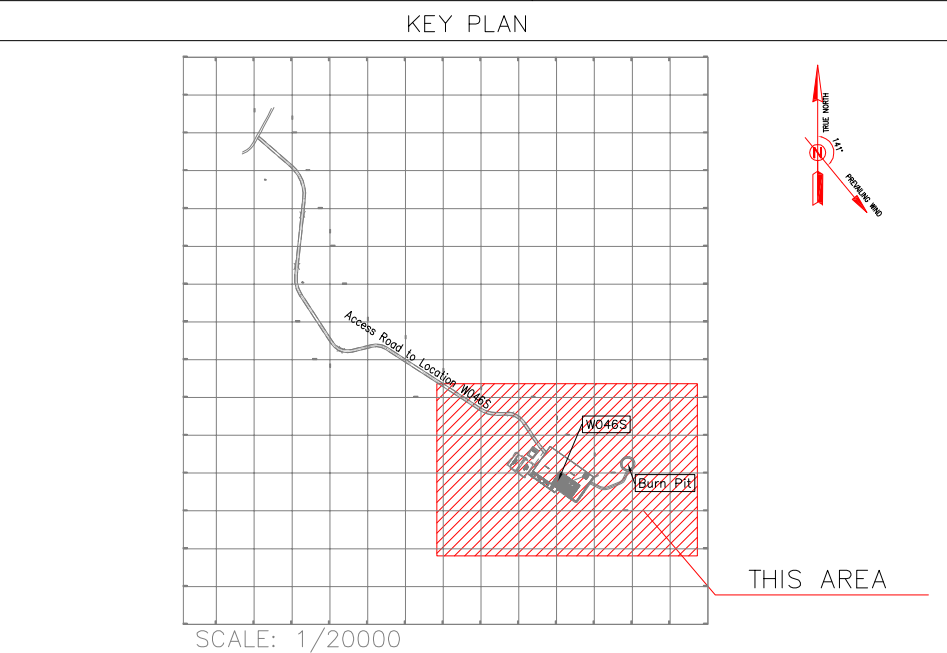
Center Line Coordinates (UTM)

- NOTES
- 1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
 - 2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
 - 3-GEODETC 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-GNRL-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 (WORN...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.
 - 6- PROJECT LINE ELEVATION = ROUGH GRADING LEVEL

ABBREVIATIONS		
R.G.L.=ROUGH GRADING LEVEL	D.G	DIESEL GENERATOR SHELTER
N.G.L.=NATURAL GROUND LEVEL	F.F	FIRE FIGHTING SHELTER
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	99.27	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-GNRL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRL-PEDCO-000-CV-DW-0002
SOURCE TOPO. (W046S-LOCATION)	75263-A1
DESIGNING PLAN OF SITE AND ROAD OF W046 SB	75379-A-AOS



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	** **			BY	DATE	BY	DATE	
D00	DEC.2021	IFC	R.BERLOUIE	M.FAKHARIAN	M.MEHRSHAD	** **	REV.	DESCRIPTION	CHECKED		REV. APPR.		
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	احمل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب می باشد.							
PROJECT NAME:							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 NO.:							971020						
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):				BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W046S WELLHEAD FACILITIES						
													
HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			PEDCO				PETROIRAN DEVELOPMENT COMPANY						
							DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.		
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
ROUGH GRADING PLANS –W046S (CROSS SECTIONS)							APPROVED FOR CONSTRUCTION						
							BY:			DATE:			
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
1:1000	A1	BK–W046S–PEDCO–110–CV–DW–0001			10 of 10	D04	053–073–9184	F	4	S	707655	10	D04

TOTALY REVISED