

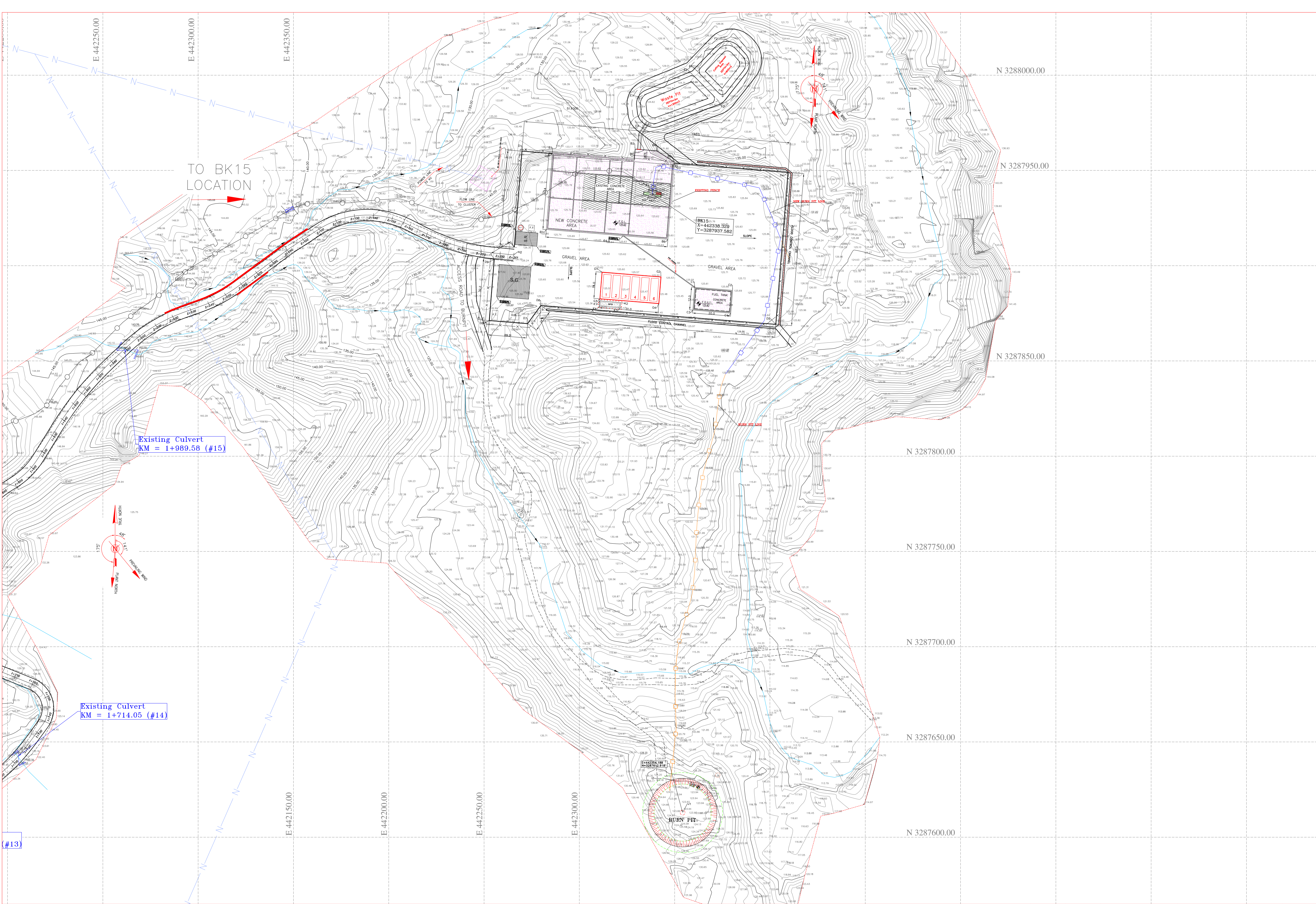


TABLE 1-ASPHALT AREA SPECIFICATION				
NAME	KM START	KM END	LENGTH(m)	DESCRIPTION
AREA1	0+150.00	0+500.00	350	ASPHALT AREA (TYP #2)
AREA2	0+500.00	0+750.00	250	ASPHALT OVERLAY AREA (TYP #3)
AREA3	1+100.00	1+275.00	175	ASPHALT OVERLAY AREA (TYP #3)
AREA4	1+490.00	2+000.00	510	ASPHALT OVERLAY AREA (TYP #3)
AREA5	2+000.00	2+215.00	215	ASPHALT AREA (TYP #2)
TOTAL			1500	

TABLE 2-LIST OF NEW CULVERT		
NUMBER	COORDINATE	TYPE OF CULVERT
1	E=441975 N=3287480	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
2	E=441802 N=3287413	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
3	E=441837 N=3286933	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
4	E=441501 N=3286972	CONCRETE PIPE CULVERT (DIAMETER 80 cm)

TABLE 3-GUARDRAIL AREA SPECIFICATION				
NAME	KM START	KM END	LENGTH(m)	SIDE
AREA1	0+340.00	0+840.00	500	RIGHT
AREA2	1+880.00	1+918.00	38	RIGHT
TOTAL			538	

TABLE 4-RETAINING WALL AREA				
NAME	START	END	LENGTH(m)	ELEVATION
1	E=442111 N=3287480	E=442111 N=3287480	80	TO TOP OF ROAD
2	E=442111 N=3287480	E=442111 N=3287480	70	TO TOP OF ROAD
3	E=442111 N=3287480	E=442111 N=3287480	60	TO TOP OF ROAD
4	E=442111 N=3287480	E=442111 N=3287480	50	TO TOP OF ROAD
5	E=442111 N=3287480	E=442111 N=3287480	40	TO TOP OF ROAD
6	E=442111 N=3287480	E=442111 N=3287480	30	TO TOP OF ROAD
7	E=442111 N=3287480	E=442111 N=3287480	20	TO TOP OF ROAD
8	E=442111 N=3287480	E=442111 N=3287480	10	TO TOP OF ROAD
9	E=442111 N=3287480	E=442111 N=3287480	0	TO TOP OF ROAD
10	E=442111 N=3287480	E=442111 N=3287480	0	TO TOP OF ROAD
11	E=442111 N=3287480	E=442111 N=3287480	0	TO TOP OF ROAD
12	E=442111 N=3287480	E=442111 N=3287480	0	TO TOP OF ROAD
13	E=442111 N=3287480	E=442111 N=3287480	0	TO TOP OF ROAD
14	E=442111 N=3287480	E=442111 N=3287480	0	TO TOP OF ROAD
15	E=442111 N=3287480	E=442111 N=3287480	0	TO TOP OF ROAD
16	E=442111 N=3287480	E=442111 N=3287480	0	TO TOP OF ROAD

Coordinate of Bench Marks (UTM-ZONE 39N)			
Name	Easting (m)	Northing(m)	Elevation (m)
NCC	441115.846	3287505.650	78.593
BM71	442252.211	3287944.656	142.663
BM70	442425.828	3287899.162	129.809
GPS3	442298.973	3287835.163	136.234
GPS5-BK15	441785.148	3287231.638	83.923
K8	440937.96	3285884.164	25.547
K10	440438.963	3285397.137	21.545
BM41	441669.351	3286578.783	62.854
GPS6-BK5	441552.844	3286457.422	63.624
GPS1-BK5	441751.134	3286418.338	64.407
GPS7	441342.22	3286602.041	75.411
K23	441993.94	3287809.804	155.106

DOO	JUN.2023	IPC	R.BERLOURI	M.FAKHARIAN	A.M.MOHSSENI	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK15 WHF MODIFICATIONS						
PROJECT NO.:			971020			
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):			
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE: General Civil Layout – BK15 (Location Map)						
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.
H=1/1000	A1	BK-BK15-PEDCO-110-CV-PY-0001			01 OF 04	DOO

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-SF-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 CULVERT AND RETAINING WALL SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.

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

8-THE FENCE AROUND THE LOCATION SHALL BE BASED ON: BK-GNRL-PEDCO-000-CV-DW-0009

9-THE EXACT LOCATION OF NEW CULVERT AND RETAINING WALL SHALL BE ADJUSTED AT SITE

10-MUD CHANNEL AND WATER CHANNEL(AROUND THE CELLAR) SHALL BE DREDGED.

LEGEND

●

WELL

⊠

POWER TOWER
POWER POLE

△

BENCH MARK

99.27

TOPOGRAPHY POINTS

Existing GRAVEL ROAD

==

New GRAVEL ROAD

==

ASPHALT ROAD

▨

BUILDING

▨

CONCRETE AREA

—N—

POWER LINE

—O—

OPTICAL FIBER

60

CONTOURS

50

CONTOURS

→

WATER COURSE

—X—

FENCE

—○—

OIL LINE

—○—

BURN PIT LINE

—○—

NEW BURN PIT LINE

→

CHANNEL

→

RIVER

▨

RETAINING WALL

□

SITE (WELL)

□

CAMP SITE

▨

EXISTING CULVERT

—()—

NEW CULVERT

▨

EXISTING CULVERT
(SHALL BE DEMOLISHED)

○

BURNPIT

REFERENCE DRAWING

DRG. No.

CIVIL AND STRUCTURAL DRAWINGS - BK15

BK-BK15-PEDCO-110-CV-DW-0001

Rough Grading Plan-BK15

BK-BK15-PEDCO-110-CV-PY-0003

Specification For Earth Work

BK-GNRL-PEDCO-000-CV-SF-0004

Standard Drawing For Slope Protection Details

BK-GNRL-PEDCO-000-CV-DW-0005

Geotechnical Investigation Report - BK15

BK-BK15-PEDCO-110-GT-RY-0001

Specification For Road & Paving

BK-GNRL-PEDCO-000-CV-SF-0002

MTO For Civil Works - BK15

BK-BK15-PEDCO-110-CV-MT-0001

STANDARD DRAWING FOR CULVERT & DETAILS

BK-GNRL-PEDCO-000-CV-DW-0014

Over Head Line Plan and Profile-BK15

BK-BK15-PEDCO-110-SU-DW-0001

ABBREVIATION

F.T. FUEL TANK

S.R. SECURITY ROOM

S.G. SWITCH GEAR

W.T. WATER TANK

D.G. DIESEL GENERATOR SHELTER

F.F. FIRE FIGHTING SHELTER

KEY PLAN

SCALE: 1/35000

REV.

DESCRIPTION

BY

DATE

BY

DATE

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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=1/1000

A1

BK-BK15-PEDCO-110-CV-PY-0001

01 OF 04

DOO

053-073-9184

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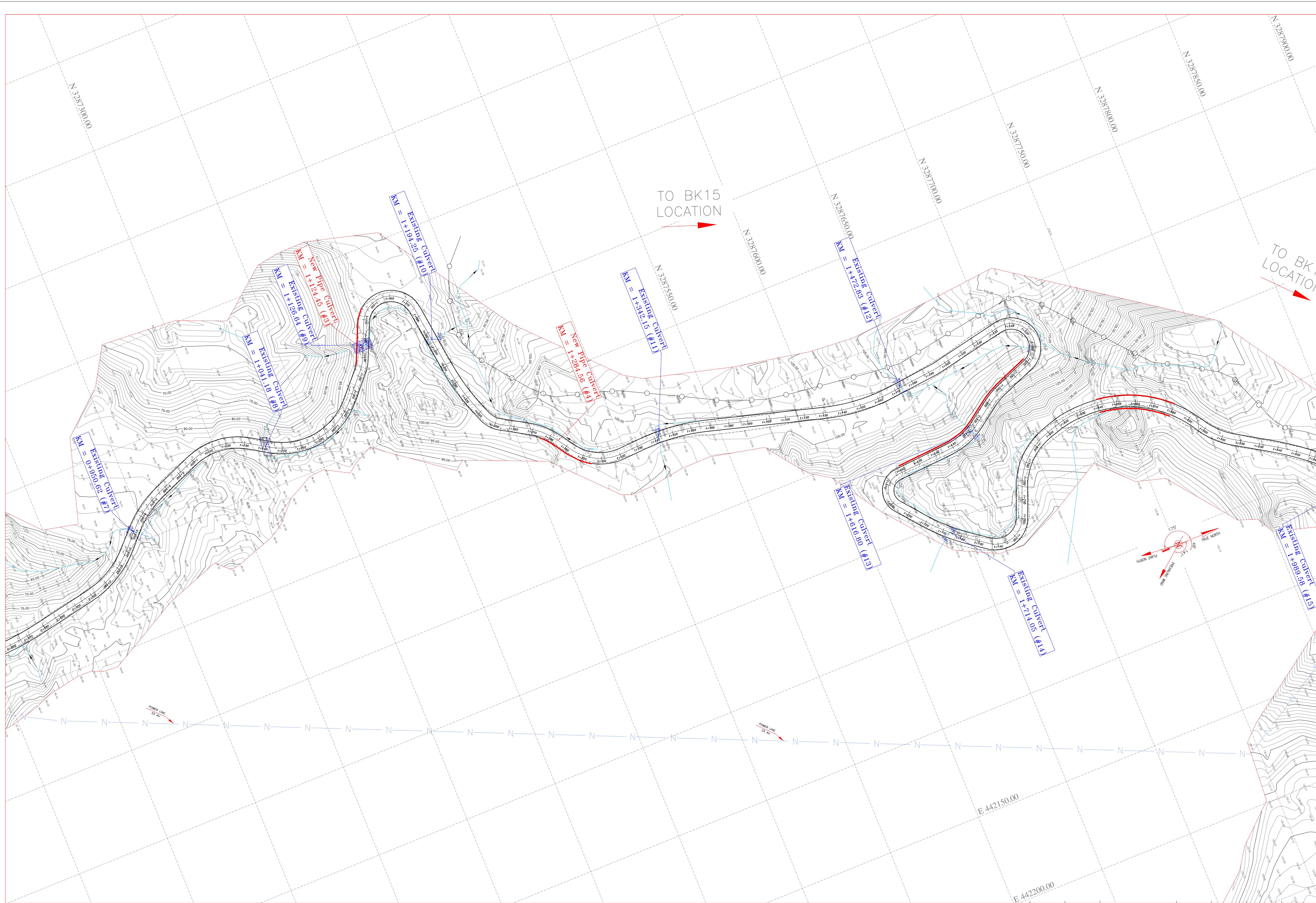
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DOO



- NOTES
- 1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
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 - 3-GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: 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-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-NEW CULVERT AND RETAINING WALL SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.
 - 7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON:
BK-SSGR-PEDCO-110-PI-DW-0001
 - 8-THE FENCE AROUND THE LOCATION SHALL BE BASED ON:
BK-GNRL-PEDCO-000-CV-DW-0009
 - 9-THE EXACT LOCATION OF NEW CULVERT AND RETAINING WALL SHALL BE ADJUSTED AT SITE.
 - 10-MUD CHANNEL AND WATER CHANNEL(AROUND THE CELLAR) SHALL BE DREGDED.

LEGEND			
	WELL		OIL LINE
	POWER TOWER		BURN PIT LINE
	BENCH MARK		NEW BURN PIT LINE
99.27	TOPOGRAPHY POINTS		CHANNEL
	Existing GRAVEL ROAD		RIVER
	New GRAVEL ROAD		RETAINING WALL
	ASPHALT ROAD		SITE (WELL)
	BUILDING		CAMP SITE
	CONCRETE AREA		EXISTING CULVERT
	POWER LINE		NEW CULVERT
	OPTICAL FIBER		EXISTING CULVERT (SHALL BE DEMOLISHED)
	CONTOURS		SEPTIC
	WATER COURSE		BURNPIT
	FENCE		

REFERENCE DRAWING		DRG. No.
CIVIL AND STRUCTURAL DRAWINGS - BK15		BK-BK15-PEDCO-110-CV-DW-0001
Rough Grading Plan-BK15		BK-BK15-PEDCO-110-CV-PY-0003
Specification For Earth Work		BK-GNRL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details		BK-GNRL-PEDCO-000-CV-DW-0005
Geotechnical Investigation Report - BK15		BK-BK15-PEDCO-110-GT-RY-0001
Specification For Road & Paving		BK-GNRL-PEDCO-000-CV-SP-0002
MTO For Civil Works - BK15		BK-BK15-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS		BK-GNRL-PEDCO-000-CV-DW-0014
Over Head Line Plan and Profile-BK15		BK-BK15-PEDCO-110-SU-DW-0001

ABBREVIATION			
F.T.	FUEL TANK	W.T.	WATER TANK
S.R.	SECURITY ROOM	D.G	DIESEL GENERATOR SHELTER
S.G.	SWITCH GEAR	F.F	FIRE FIGHTING SHELTER

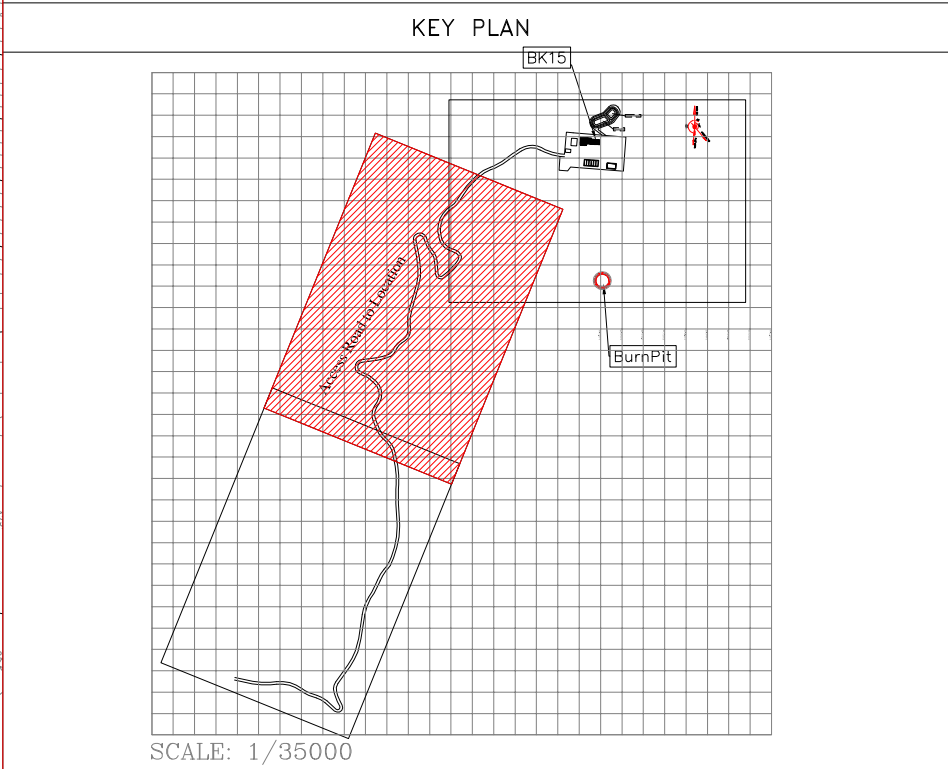


TABLE 1-ASPHALT AREA SPECIFICATION				
NAME	KM START	KM END	LENGTH(m)	DESCRIPTION
AREA1	0+150.00	0+500.00	350	ASPHALT AREA (TYP #6)
AREA2	0+500.00	0+750.00	250	ASPHALT OVERLAY AREA (TYP #3)
AREA3	1+100.00	1+275.00	175	ASPHALT OVERLAY AREA (TYP #3)
AREA4	1+490.00	2+000.00	510	ASPHALT OVERLAY AREA (TYP #3)
AREA5	2+000.00	2+215.00	215	ASPHALT AREA (TYP #6)
TOTAL			1500	

TABLE 2-LIST OF NEW CULVERT		
NUMBER	COORDINATE	TYPE OF CULVERT
1	E=441975 N=3287480	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
2	E=441802 N=3287413	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
3	E=441837 N=3286953	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
4	E=441591 N=3286972	CONCRETE PIPE CULVERT (DIAMETER 80 cm)

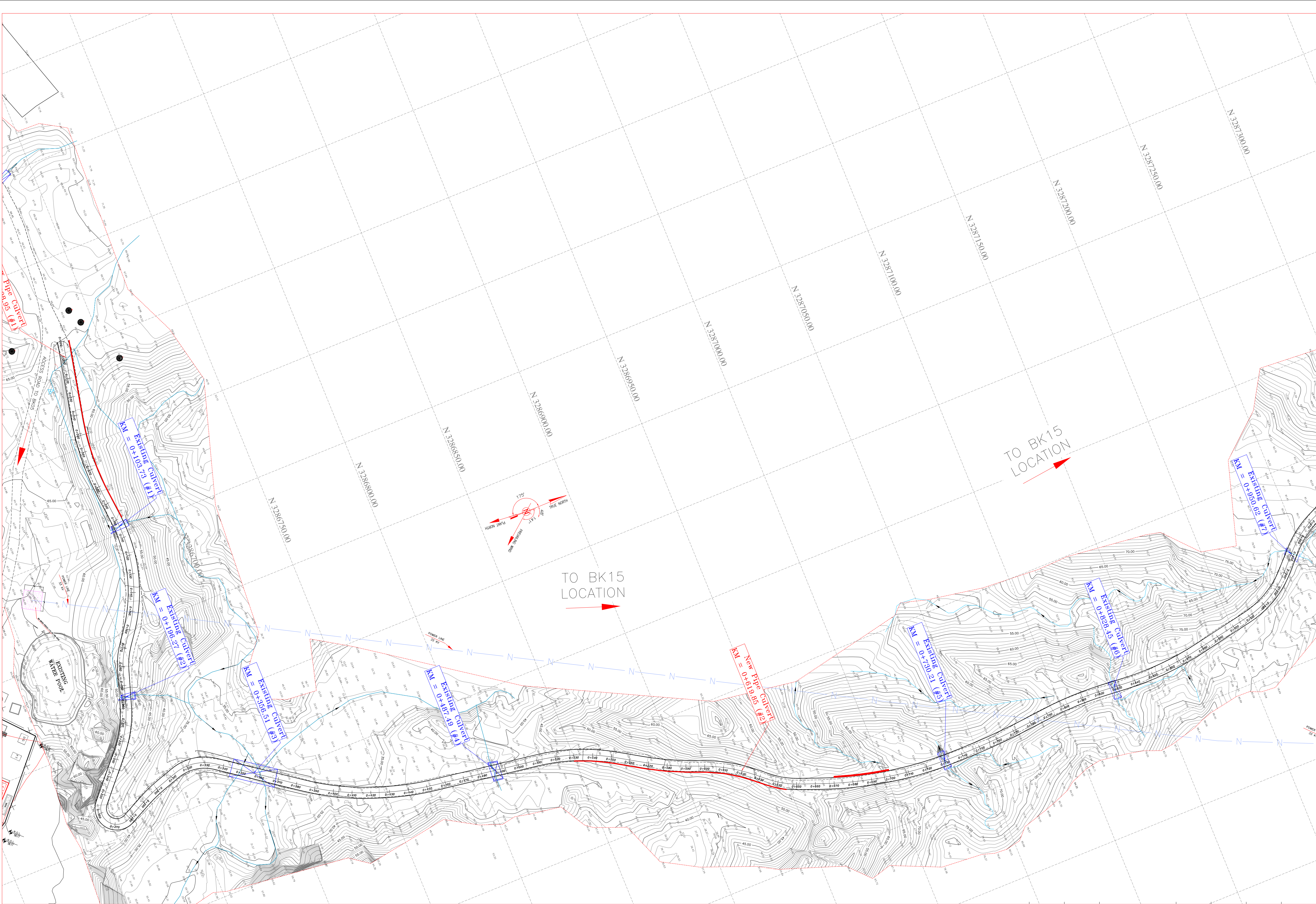
TABLE 3-GUARDRAIL AREA SPECIFICATION						
NAME	KM START	COORDINATE	KM END	COORDINATE	LENGTH(m)	SIDE
AREA1	1+340.00	E=441975 N=3287480	1+840	E=442013 N=3287903	500	RIGHT
AREA2	1+880.00	E=441785 N=3287660	1+918.00	E=442013 N=3287903	38	RIGHT
TOTAL					538	

TABLE 4-RETAINING WALL AREA				
NAME	START	END	WIDTH(m)	ELEVATION
1	E=441975 N=3287480	E=442013 N=3287977	80	TO TOP OF ROAD
2	E=441802 N=3287413	E=442013 N=3287977	70	TO TOP OF ROAD
3	E=441837 N=3286953	E=442013 N=3287977	60	TO TOP OF ROAD
4	E=441591 N=3286972	E=442013 N=3287977	60	TO TOP OF ROAD
5	E=441591 N=3286972	E=441802 N=3287413	40	TO TOP OF ROAD
6	E=441591 N=3286972	E=441802 N=3287413	40	TO TOP OF ROAD
7	E=441591 N=3286972	E=441802 N=3287413	40	TO TOP OF ROAD
8	E=441591 N=3286972	E=441802 N=3287413	40	TO TOP OF ROAD
9	E=441591 N=3286972	E=441802 N=3287413	40	TO TOP OF ROAD
10	E=441591 N=3286972	E=441802 N=3287413	40	TO TOP OF ROAD
11	E=441591 N=3286972	E=441802 N=3287413	40	TO TOP OF ROAD
12	E=441591 N=3286972	E=441802 N=3287413	40	TO TOP OF ROAD
13	E=441591 N=3286972	E=441802 N=3287413	40	TO TOP OF ROAD
14	E=441591 N=3286972	E=441802 N=3287413	40	TO TOP OF ROAD
15	E=441591 N=3286972	E=441802 N=3287413	40	TO TOP OF ROAD
16	E=441591 N=3286972	E=441802 N=3287413	40	TO TOP OF ROAD

Coordinate of Bench Marks (UTM-ZONE 39N)			
Name	Easting (m)	Northing(m)	Elevation (m)
NCC	441115.846	3287505.650	78.593
BM71	442252.211	3287944.656	142.663
BM70	442425.828	3287899.162	129.809
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GPS1-BK5	441751.134	3286418.338	64.407
GPS7	441342.22	3286602.041	75.411
K23	441993.94	3287809.804	155.106

D00	JUN.2023	IFC		R.BERLOURI	M.FAKHARIAN	A.M.MOHSSENI	***
REV.	DATE	P.O.I.S		PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK15 WHF MODIFICATIONS							
PROJECT NO.:				971020			
EPC CONTRACTOR:				EPD/EPC CONTRACTOR (GC):			
 HIRGAN ENERGY ~ DESIGN & INSPECTION COMPANIES				  PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE: General Civil Layout – BK15 (Location Map)							
SCALE	SIZE	DRAWING NO.				SHEET NO.	REV.
H=1/1000	A1	BK-BK15-PEDCO-110-CV-PY-0001				03 OF 04	D00

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 BK15 WHF MODIFICATIONS						
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	A	708378	03	D00



- NOTES
- 1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
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LEGEND			
	WELL		OIL LINE
	POWER TOWER		BURN PIT LINE
	BENCH MARK		NEW BURN PIT LINE
99.27	TOPOGRAPHY POINTS		CHANNEL
	Existing GRAVEL ROAD		RIVER
	New GRAVEL ROAD		RETAINING WALL
	ASPHALT ROAD		SITE (WELL)
	BUILDING		CAMP SITE
	CONCRETE AREA		EXISTING CULVERT
	POWER LINE		NEW CULVERT
	OPTICAL FIBER		EXISTING CULVERT (SHALL BE DEMOLISHED)
	CONTOURS		SEPTIC
	WATER COURSE		BURNPIT
	FENCE		

REFERENCE DRAWING		DRG. No.	
CIVIL AND STRUCTURAL DRAWINGS - BK15		BK-BK15-PEDCO-110-CV-DW-0001	
Rough Grading Plan-BK15		BK-BK15-PEDCO-110-CV-PY-0003	
Specification For Earth Work		BK-GNRL-PEDCO-000-CV-SF-0004	
Standard Drawing For Slope Protection Details		BK-GNRL-PEDCO-000-CV-DW-0005	
Geotechnical Investigation Report - BK15		BK-BK15-PEDCO-110-GT-RT-0001	
Specification For Road & Paving		BK-GNRL-PEDCO-000-CV-SF-0002	
MTO For Civil Works - BK15		BK-BK15-PEDCO-110-CV-MT-0001	
STANDARD DRAWING FOR CULVERT & DETAILS		BK-GNRL-PEDCO-000-CV-DW-0014	
Over Head Line Plan and Profile-BK15		BK-BK15-PEDCO-110-SU-DW-0001	
ABBREVIATION			
F.T.	FUEL TANK	W.T.	WATER TANK
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S.G.	SWITCH GEAR	F.F	FIRE FIGHTING SHELTER

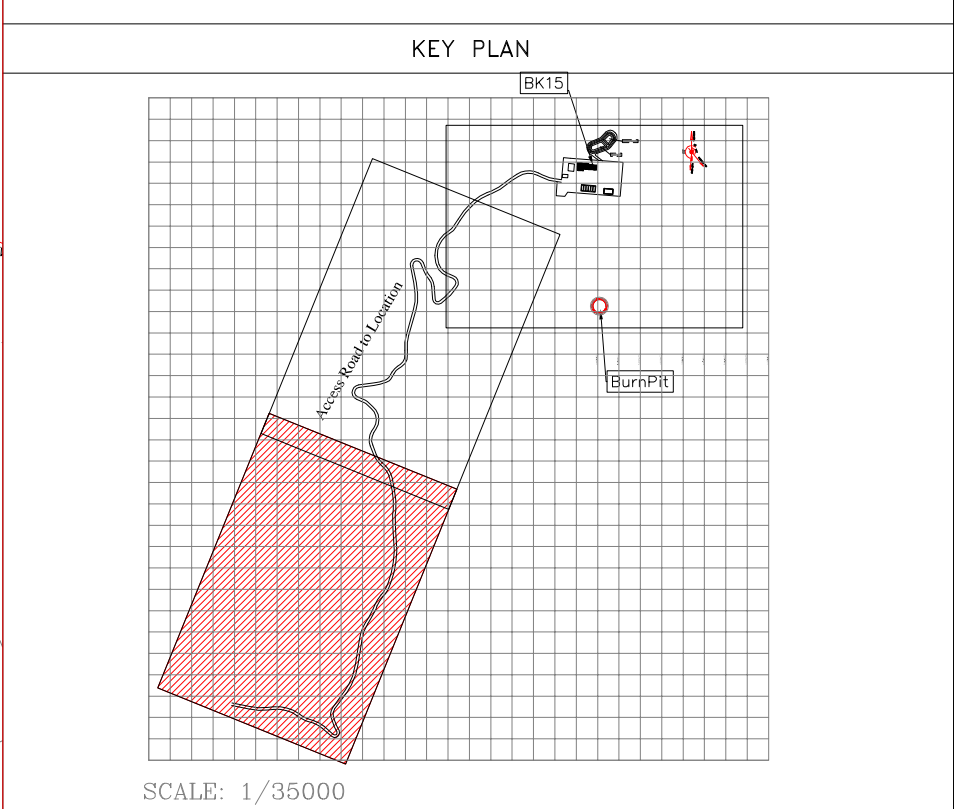
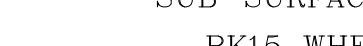
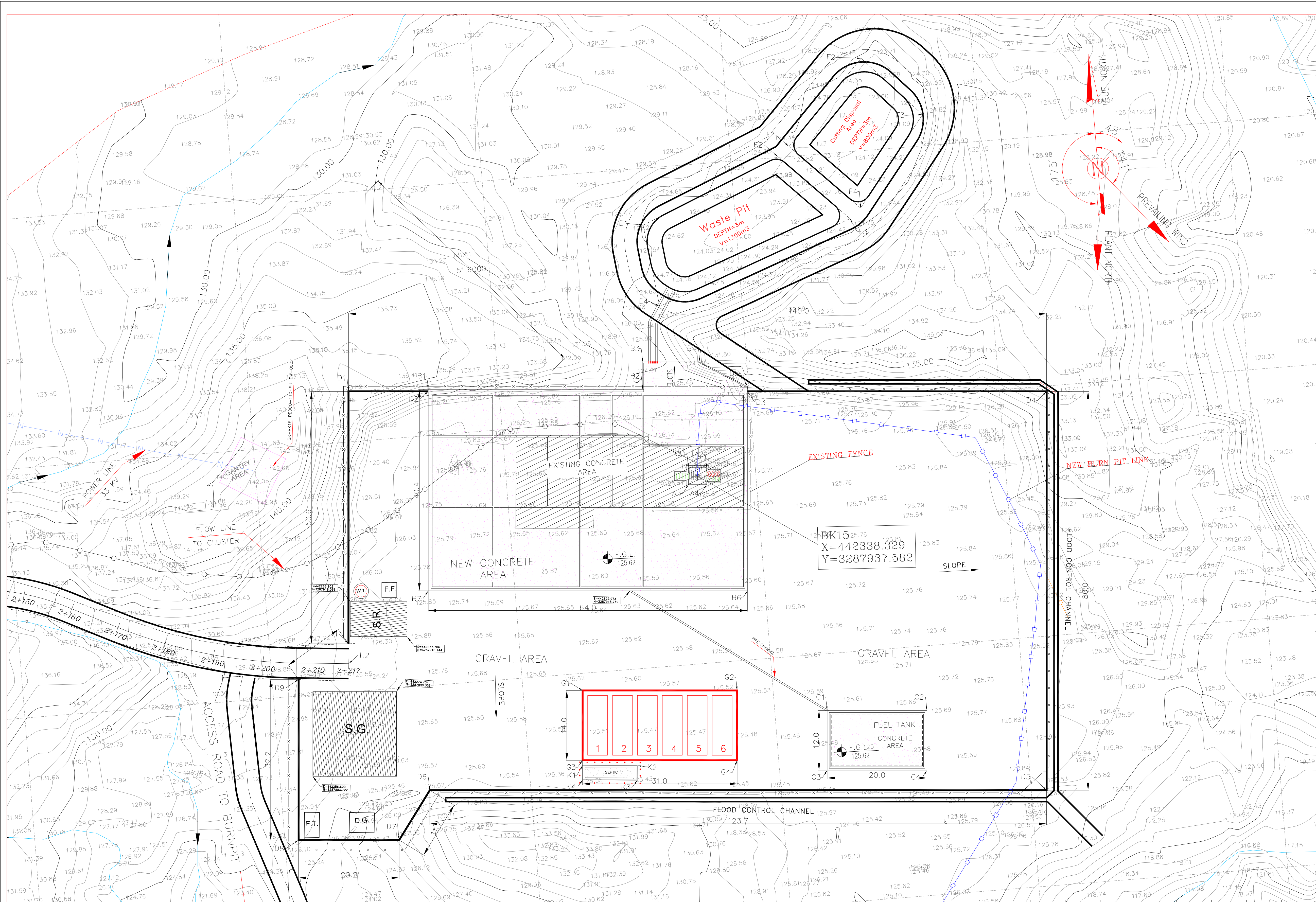


TABLE 1-ASPHALT AREA SPECIFICATION					TABLE 2-LIST OF NEW CULVERT			TABLE 3-GUARDRAIL AREA SPECIFICATION					TABLE 4-RETAINING WALL AREA								
NAME	KM START	KM END	LENGTH(m)	DESCRIPTION	NUMBER	COORDINATE	TYPE OF CULVERT	NAME	KM START	COORDINATE	KM END	COORDINATE	LENGTH(m)	SIDE	NAME	START	END	WIDTH(m)	ELEVATION		
AREA1	0+150.00	0+500.00	350	ASPHALT AREA (TYP #2)	1	E=441875 N=3287480	CONCRETE PIPE CULVERT (DIAMETER 80 cm)	AREA1	1+340.00	E=441885 N=328748	1+840	E=441885 N=328748	500	RIGHT	1	E=441875 N=3287480	E=441875 N=3287480	80	TO TOP OF ROAD		
AREA2	0+500.00	0+750.00	250	ASPHALT OVERLAY AREA (TYP #3)	2	E=441802 N=3287413	CONCRETE PIPE CULVERT (DIAMETER 80 cm)	AREA2	1+850.00	E=441885 N=328748	1+918.00	E=441885 N=328748	38	RIGHT	2	E=441875 N=3287480	E=441875 N=3287480	70	TO TOP OF ROAD		
AREA3	1+100.00	1+275.00	175	ASPHALT OVERLAY AREA (TYP #3)	3	E=441837 N=3286933	CONCRETE PIPE CULVERT (DIAMETER 80 cm)	TOTAL		538		3	E=441875 N=3287480	80	TO TOP OF ROAD	3	E=441875 N=3287480	E=441875 N=3287480	60	TO TOP OF ROAD	
AREA4	1+490.00	2+000.00	510	ASPHALT OVERLAY AREA (TYP #3)	4	E=441591 N=3286672	CONCRETE PIPE CULVERT (DIAMETER 80 cm)	TOTAL		538		4	E=441875 N=3287480	40	TO TOP OF ROAD	4	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD	
AREA5	2+000.00	2+215.00	215	ASPHALT AREA (TYP #2)									10	TO TOP OF ROAD	5	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD		
TOTAL			1500									11	TO TOP OF ROAD	11	E=441875 N=3287480	E=441875 N=3287480	50	TO TOP OF ROAD			
												12	TO TOP OF ROAD	12	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												13	TO TOP OF ROAD	13	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												14	TO TOP OF ROAD	14	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												15	TO TOP OF ROAD	15	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												16	TO TOP OF ROAD	16	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												17	TO TOP OF ROAD	17	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												18	TO TOP OF ROAD	18	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												19	TO TOP OF ROAD	19	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												20	TO TOP OF ROAD	20	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												21	TO TOP OF ROAD	21	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												22	TO TOP OF ROAD	22	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												23	TO TOP OF ROAD	23	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												24	TO TOP OF ROAD	24	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												25	TO TOP OF ROAD	25	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												26	TO TOP OF ROAD	26	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												27	TO TOP OF ROAD	27	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												28	TO TOP OF ROAD	28	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												29	TO TOP OF ROAD	29	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												30	TO TOP OF ROAD	30	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												31	TO TOP OF ROAD	31	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												32	TO TOP OF ROAD	32	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												33	TO TOP OF ROAD	33	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												34	TO TOP OF ROAD	34	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												35	TO TOP OF ROAD	35	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												36	TO TOP OF ROAD	36	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												37	TO TOP OF ROAD	37	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												38	TO TOP OF ROAD	38	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												39	TO TOP OF ROAD	39	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												40	TO TOP OF ROAD	40	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												41	TO TOP OF ROAD	41	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												42	TO TOP OF ROAD	42	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												43	TO TOP OF ROAD	43	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												44	TO TOP OF ROAD	44	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												45	TO TOP OF ROAD	45	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												46	TO TOP OF ROAD	46	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												47	TO TOP OF ROAD	47	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												48	TO TOP OF ROAD	48	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												49	TO TOP OF ROAD	49	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												50	TO TOP OF ROAD	50	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												51	TO TOP OF ROAD	51	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			
												52	TO TOP OF ROAD	52	E=441875 N=3287480	E=441875 N=3287480	40	TO TOP OF ROAD			

Coordinate of Bench Marks (UTM-ZONE 39N)				
Name	Easting (m)	Northing(m)	Elevation (m)	
NCC	441115.846	3287505.650	78.593	
BM71	442252.211	3287944.656	142.663	
BM70	442425.828	3287899.162	129.809	
GPS3	442298.973	3287835.163	136.234	
GPS5-BK15	441785.148	3287231.638	83.923	
K8	440937.96	3285884.164	25.547	
K10	440438.963	3285397.137	21.545	
BM41	441669.351	3286578.783	62.854	
GPS6-BK5	441552.844	3286457.422	63.624	
GPS1-BK5	441751.134	3286418.338	64.407	
GPS7	441342.22	3286602.041	75.411	
K23	441993.94	3287809.804	155.106	

						***	*****	**	***	**	***	
DDO	JUN-2023	IFC	R.BHLOUBI	M.FAKHARIAN	A.M.MOHSINI	***	REV.	DESCRIPTION	BY	DATE	BY	DATE
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.			CHECKED		REV. APPR.	
PROJECT NAME:							BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK15 WHF MODIFICATIONS					
PROJECT NO.:							971020					
EPC CONTRACTOR:							EPD/EPC CONTRACTOR (GC):					
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES							 PETROIRAN DEVELOPMENT COMPANY					
DATE		SCALE		DRAWING BY		CHECKED BY		PROJECT ENG.				
DRAWING TITLE: General Civil Layout – BK05 (Location Map)												
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED												
APPROVED FOR CONSTRUCTION												
BY: DATE:												
BUDGET REF LOCATION SIZE CLASS SERIAL NO. SHEET REVISION												
H=1/1000 A1 BK-BK15-PEDCO-110-CV-PY-0001 03 OF 04 D00 053-073-9184 F 4 A 708378 03 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-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-NEW CULVERT AND RETAINING WALL SHALL BE BASED ON THE CODE NO.292 AND PROJECT REFERENCES.			
7-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SGRL-PEDCO-110-PI-DW-0001			
8-THE FENCE AROUND THE LOCATION SHALL BE BASED ON: BK-GNRL-PEDCO-000-CV-DW-0009			
9-THE EXACT LOCATION OF NEW CULVERT AND RETAINING WALL SHALL BE ADJUSTED AT SITE			
10-MUD CHANNEL AND WATER CHANNEL(AROUND THE CELLAR) SHALL BE DREGDED.			
LEGEND			
	WELL		OIL LINE
	POWER TOWER POWER POLE		BURN PIT LINE
	BENCH MARK		NEW BURN PIT LINE
99.27	TOPOGRAPHY POINTS		CHANNEL
	Existing GRAVEL ROAD		RIVER
	New GRAVEL ROAD		RETAINING WALL
	ASPHALT ROAD		SITE (WELL)
	BUILDING		CAMP SITE
	CONCRETE AREA		EXISTING CULVERT
	POWER LINE		NEW CULVERT
	OPTICAL FIBER		EXISTING CULVERT (SHALL BE DEMOLISHED)
	CONTOURS		SEPTIC
	WATER COURSE		BURNPIT
	FENCE		
REFERENCE DRAWING		DRG. No.	
CIVIL AND STRUCTURAL DRAWINGS - BK15		BK-BK15-PEDCO-110-CV-DW-0001	
Rough Grading Plan-BK15		BK-BK15-PEDCO-110-CV-PY-0003	
Specification For Earth Work		BK-GNRL-PEDCO-000-CV-SP-0004	
Standard Drawing For Slope Protection Details		BK-BK15-PEDCO-000-CV-DW-0002	
Geotechnical Investigation Report - BK15		BK-BK15-PEDCO-110-GT-RT-0001	
Specification For Road & Paving		BK-GNRL-PEDCO-000-CV-SP-0002	
MTO For Civil Works - BK15		BK-BK15-PEDCO-110-CV-MT-0001	
STANDARD DRAWING FOR CULVERT & DETAILS		BK-GNRL-PEDCO-000-CV-DW-0014	
Over Head Line Plan and Profile-BK15		BK-BK15-PEDCO-110-SU-DW-0001	
ABBREVIATION			
F.T.	FUEL TANK	W.T.	WATER TANK
S.R.	SECURITY ROOM	D.G.	DIESEL GENERATOR SHELTER
S.G.	SWITCH GEAR	F.F.	FIRE FIGHTING SHELTER
KEY PLAN			
SCALE: 1/35000			
***	*****	***	*****
REV.	DESCRIPTION	BY	DATE
		CHECKED	REV. APPR.
اسم و کلیه نسخ این نقشه و حق اقتباسی 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 BK15 WHF MODIFICATIONS			
DATE	SCALE	DRAWING BY	CHECKED BY
PROJECT ENG.			
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED			
APPROVED FOR CONSTRUCTION		BY:	
DATE:		DATE:	
BUDGET REF.	LOCATION	SIZE	CLASS
053-073-9184	F	4	A
SERIAL NO.		SHEET	
708378		04	
DOO		DOO	

AREA NAME	DESCRIPTION	UTM-COORDINATE (ZONE 39N)	REMARKS & Reference Drawing
NAME	EASTING(m)	NORTHING(m)	
AREA-A	442336.65	3287939.42	DIMENSION = 3.0m x 4.0m
	442340.28	3287939.13	
	442336.37	3287939.03	
	442340.01	3287935.74	
AREA-B	442285.89	3287950.24	DIMENSION = 84.0m x 48.0m SAR-BK-BK15-PEDCO-110-CV-DW-0001 (Sheet Contain Well Pad And Details And Elevations)
	442328.75	3287955.80	
	442329.19	3287961.29	
	442340.63	3287960.37	
AREA-C	442349.73	3287954.73	DIMENSION = 10m x 10m SAR-BK-BK15-PEDCO-110-CV-DW-0001 (Sheet Contain Well Pad And Details And Elevations)
	442346.46	3287913.86	
	442282.66	3287918.97	
	442360.49	3287888.66	
AREA-D	442380.43	3287887.06	DIMENSION = 10m x 10m SAR-BK-BK15-PEDCO-110-CV-DW-0001 (Sheet Contain Well Pad And Details And Elevations)
	442359.53	3287876.69	
	442379.47	3287875.10	
	442379.47	3287875.10	

AREA NAME	DESCRIPTION	UTM-COORDINATE (ZONE 39N)	REMARKS & Reference Drawing
NAME	EASTING(m)	NORTHING(m)	
AREA-D	442389.91	3287960.12	DIMENSION = 10m x 10m SAR-BK-BK15-PEDCO-110-CV-DW-0001 (Sheet Contain Well Pad And Details And Elevations)
	442385.86	3287958.84	
	442349.65	3287953.73	
	442404.09	3287948.94	
AREA-E	442403.07	3287869.19	DIMENSION = 10m x 10m SAR-BK-BK15-PEDCO-110-CV-DW-0001 (Sheet Contain Well Pad And Details And Elevations)
	442279.76	3287879.07	
	442372.85	3287869.59	
	442352.75	3287871.20	
AREA-F	442255.33	3287903.33	DIMENSION = 10m x 10m SAR-BK-BK15-PEDCO-110-CV-DW-0001 (Sheet Contain Well Pad And Details And Elevations)
	442331.46	3287988.60	
	442359.53	3288000.14	
	442372.93	3287986.60	
AREA-G	442333.47	3287972.12	DIMENSION = 10m x 10m SAR-BK-BK15-PEDCO-110-CV-DW-0001 (Sheet Contain Well Pad And Details And Elevations)
	442361.89	3288002.01	
	442377.71	3288018.49	
	442389.09	3288006.24	
AREA-H	442375.21	3287988.57	DIMENSION = 10m x 10m SAR-BK-BK15-PEDCO-110-CV-DW-0001 (Sheet Contain Well Pad And Details And Elevations)
	442311.91	3287896.57	
	442342.82	3287894.09	
	442310.80	3287882.61	
AREA-I	442341.70	3287880.13	DIMENSION = 10m x 10m SAR-BK-BK15-PEDCO-110-CV-DW-0001 (Sheet Contain Well Pad And Details And Elevations)
	442341.70	3287880.13	
	442341.70	3287880.13	
	442341.70	3287880.13	

AREA NAME	DESCRIPTION	UTM-COORDINATE (ZONE 39N)	REMARKS & Reference Drawing
NAME	EASTING(m)	NORTHING(m)	
AREA-H	441493.88	3287960.12	DIMENSION = 10m x 10m SAR-BK-BK15-PEDCO-110-CV-DW-0001 (Sheet Contain Well Pad And Details And Elevations)
	442385.86	3287905.68	
	442244.19	3287904.93	
	442343.16	3287930.79	
AREA-I	442343.16	3287930.79	DIMENSION = 10m x 10m SAR-BK-BK15-PEDCO-110-CV-DW-0001 (Sheet Contain Well Pad And Details And Elevations)
	442354.19	3287612.92	
	442310.74	3287881.62	
	442351.66	3287880.69	
AREA-J	442321.41	3287877.74	DIMENSION = 10m x 10m SAR-BK-BK15-PEDCO-110-CV-DW-0001 (Sheet Contain Well Pad And Details And Elevations)
	442341.70	3287877.74	
	442341.70	3287877.74	
	442341.70	3287877.74	
AREA-K	442341.70	3287877.74	DIMENSION = 10m x 10m SAR-BK-BK15-PEDCO-110-CV-DW-0001 (Sheet Contain Well Pad And Details And Elevations)
	442341.70	3287877.74	
	442341.70	3287877.74	
	442341.70	3287877.74	

Name	Easting(m)	Northing(m)	Elevation(m)
NCC	441115.846	3287505.550	78.593
BM71	442252.211	3287944.655	142.563
BM70	442425.828	3287939.162	129.809
GPS3	442798.973	3287835.163	136.734
GPS5-BK15	441785.148	3287711.638	85.923
K8	440937.96	3285884.164	25.547
K10	440438.963	3285397.137	21.545
BM41	441669.391	3286978.783	62.854
GPS5-BK5	441552.844	3286457.422	63.624
GPS1-BK5	441751.134	3286418.338	64.407
GPS7	441342.22	3286002.041	75.411
K23	441993.94	3287809.804	155.106

							***		*****		***	***	***	***	
							REV.	DESCRIPTION		BY	DATE	BY	DATE	DATE	
DOO	JUN.2023	IFC	R.BERLOURI	M.PAKHARIAN	A.M.MOHSSENI	***				CHECKED		REV. APPR.			
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.				اصل و کلیه نسخ این نقشه و هر شکلی متعلق به شرکت ملی مناطق نفت خیز جنوب می باشد.					
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK15 WHF MODIFICATIONS								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:								BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES BK15 WHF MODIFICATIONS							
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES							EPD/EPC CONTRACTOR (GC):				PETROIRAN DEVELOPMENT COMPANY				
 PEDCO															
DRAWING TITLE: General Civil Layout – BK15 (SITE 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		
H=1/1000	A1	BK-BK15-PEDCO-110-CV-PY-0001			04 OF 04	DOO	053-073-9184	F	4	A	708378	04	DOO		