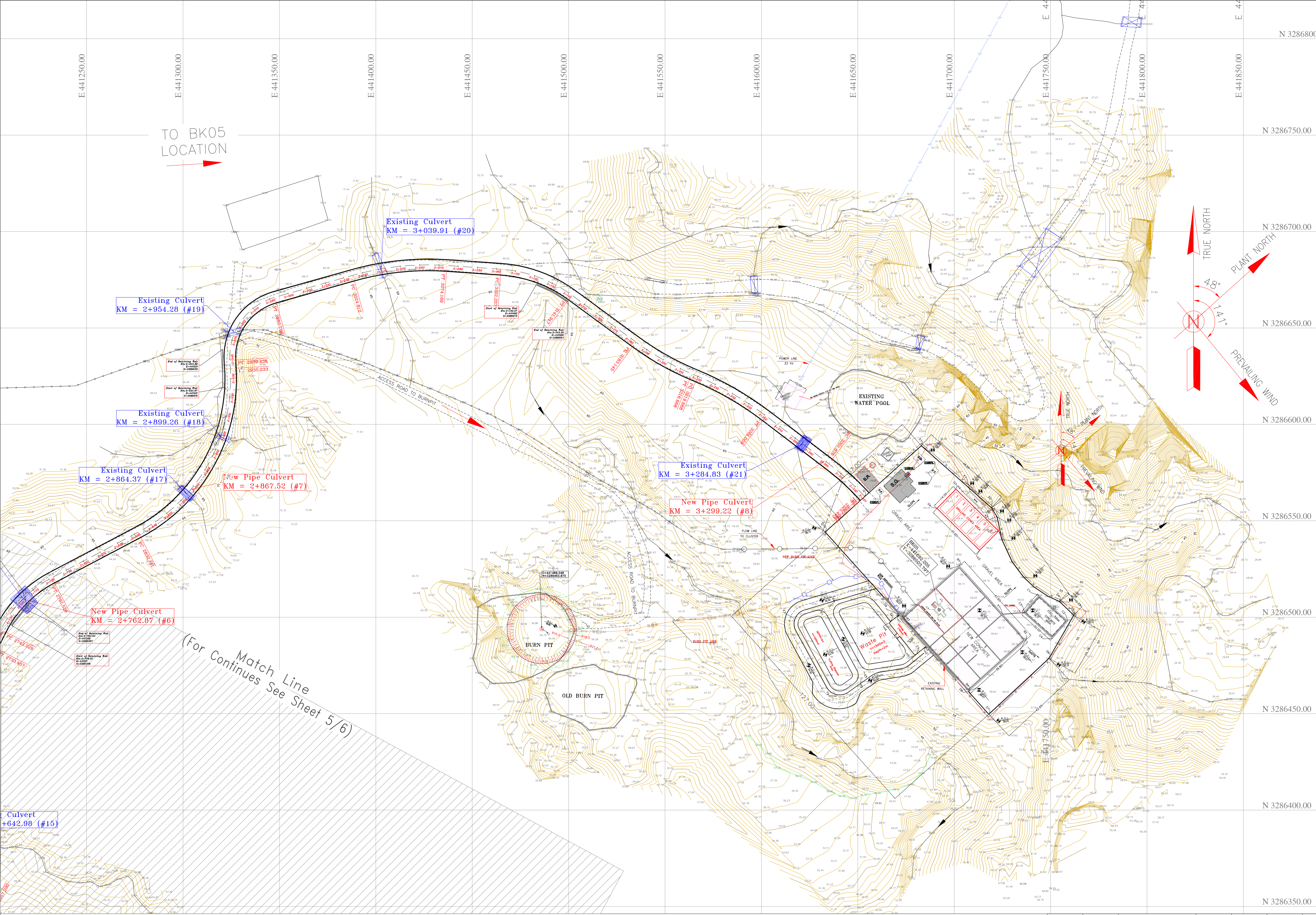




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VERTICAL DATUM: MEAN SEA LEVEL
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 - "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
 - PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRL-PEDCO-000-CV-SP-3004".
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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.

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 - BK05		BK-BK05-PEDCO-110-CV-DW-0001
Rough Grading Plan-BK05		BK-BK05-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-0002
Geotechnical Investigation Report - BK14		BK-BK14-PEDCO-110-OT-RP-0001
Specification For Road & Paving		BK-GNRL-PEDCO-000-CV-SP-0002
MTO For Civil Works - BK14		BK-BK05-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS		BK-GNRL-PEDCO-000-CV-DW-0014
Over Head Line Plan and Profile-BK05		BK-BK05-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

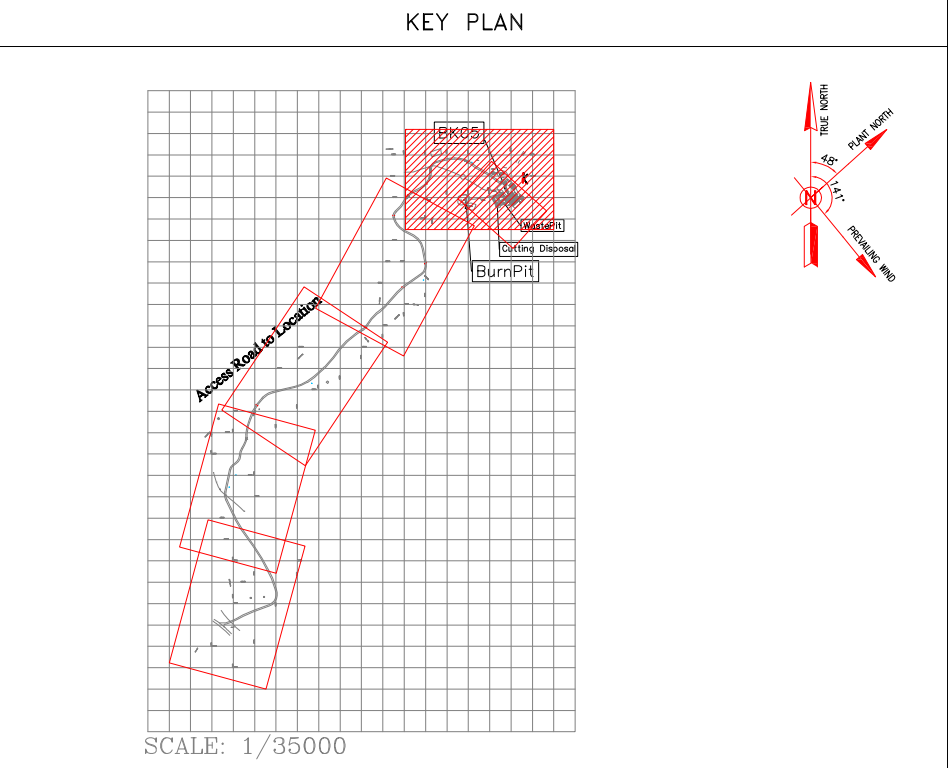


TABLE 1-ASPHALT AREA SPECIFICATION			
NAME	KM START	KM END	LENGTH(m)
AREA1	0+000.00	0+100.00	100
AREA2	1+900.00	2+800.00	900
TOTAL			1000

TABLE 2-RETAINING WALL AREA				
NAME	START	END	WIDTH(Cm)	ELEVATION
AREA1	E=441485 N=3286676	E=441500 N=3286665	80	TO TOP OF ROAD
AREA2 at location	NEXT TO BURNPIT LINE		FIRST SUPPORT	TO F.G.L OF LOCATION
AREA3	E=441321 N=3286639	E=441320 N=3286619	40	TO TOP OF ROAD
AREA4	E=441207 N=3286498	E=441218 N=3286510	60	TO TOP OF ROAD
AREA5	NEW CULVERT (E=440395,E=3286041)		END OF WATER WAY	MAX 1m

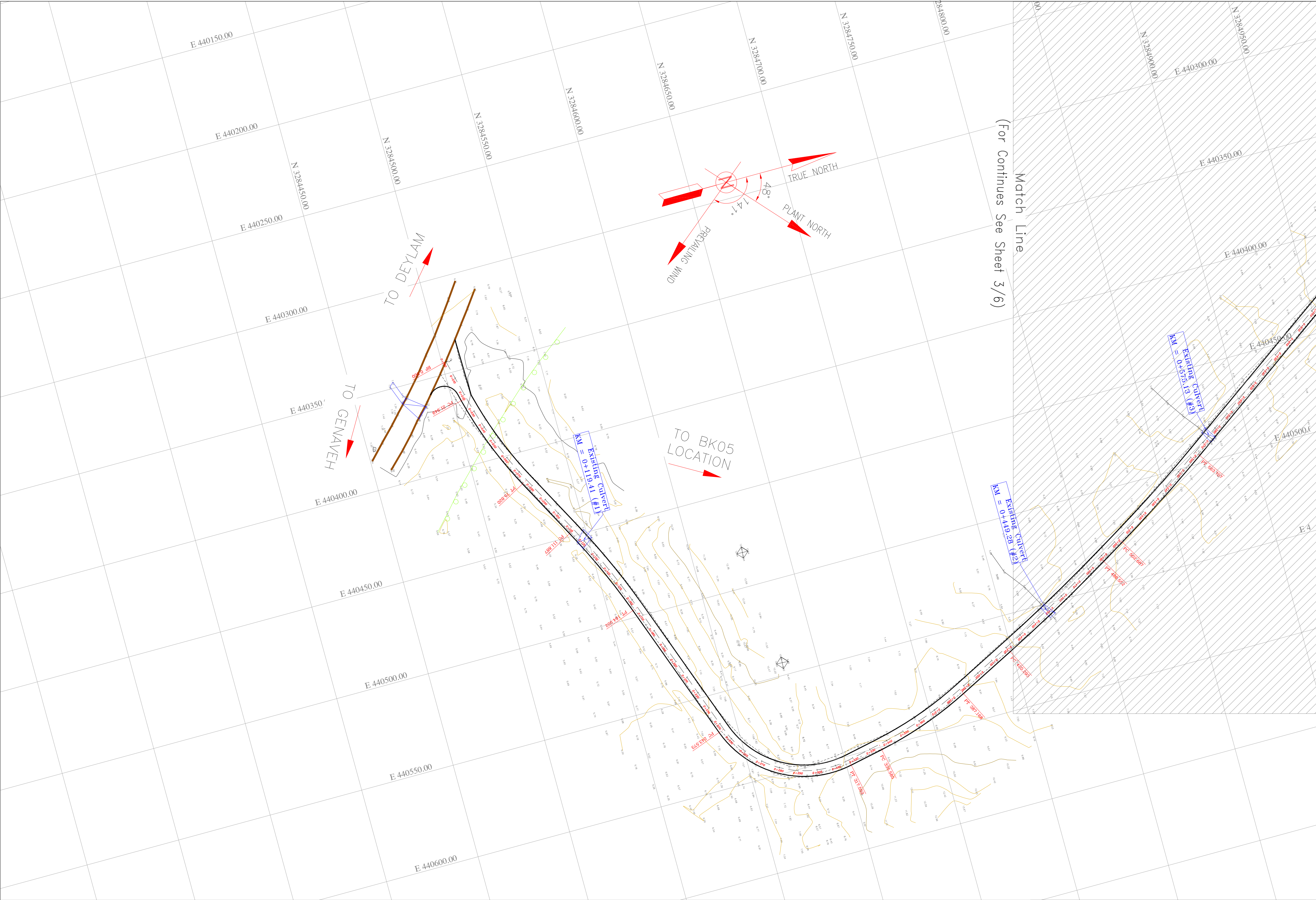
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4	E=441153 N=3286416	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
5	E=441296 N=3286193	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
6	E=441189 N=3286086	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
7	E=441012 N=3285896	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
8	BK05 ACCESS ROAD INTERSECTION	
9	E=440395 N=3285041	NEW CULVERT (1(No.SPANS)*3M(WIDTH))

TABLE 4-U SHAPE CHANNEL AREA		
NAME	START	END
AREA1	E=441569 N=3286624	CULVERT KM=3+299.00
AREA2	E=441287 N=3286225	E=441296 N=3286193

Coordinate of Bench Marks (UTM-ZONE 39N)			
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BM70	442425.828	3287899.162	129.809
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DOO	JUN.2023	IFC	R.BERLOUBI	M.FAKHARIAN	A.M.MOHSSENI	...
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK05 WHF MODIFICATIONS						
PROJECT NO.:			971020			
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):			
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE: General Civil Layout - BK05 (Location Map)						
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.
H=1/1000	A1	BK-BK05-PEDCO-110-CV-PY-0001			1 OF 06	DOO

REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
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BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES BK05 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	708460	01	DOO



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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
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Standard Drawing For Slope Protection Details		BK-GNRL-PEDCO-000-GT-DW-0005
Geotechnical Investigation Report - BK05		BK-BK05-PEDCO-110-GT-RT-0001
Specification For Road & Paving		BK-GNRL-PEDCO-000-CV-SP-0002
MTO For Civil Works - BK05		BK-BK05-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS		BK-GNRL-PEDCO-000-CV-DW-0014
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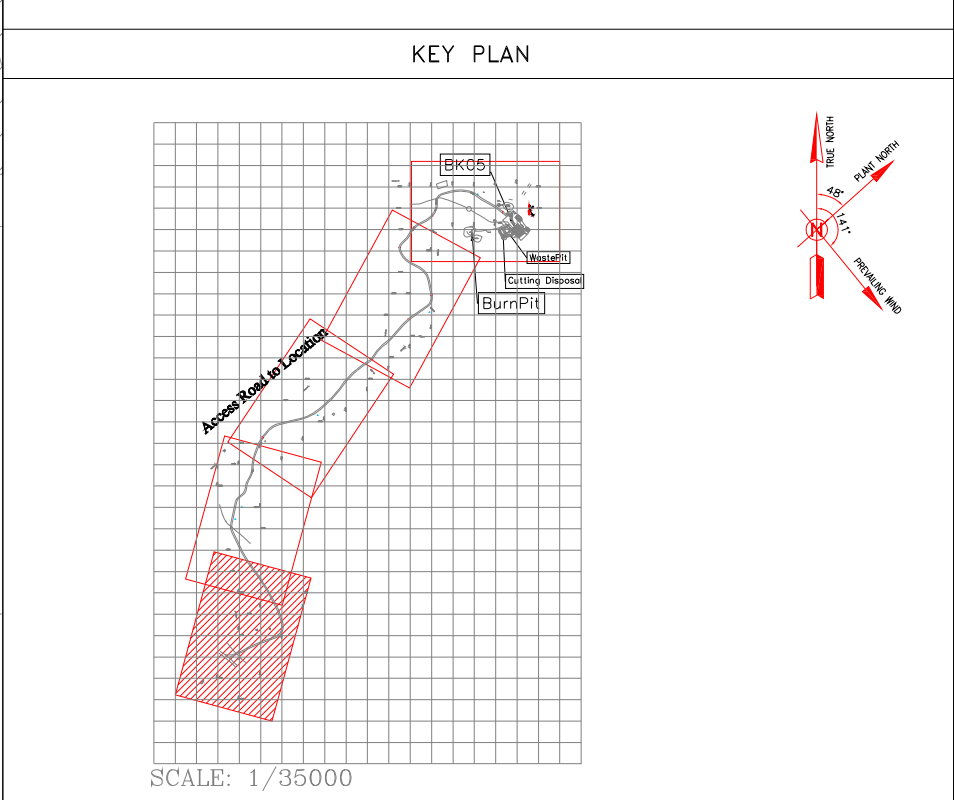


TABLE 1-ASPHALT AREA SPECIFICATION			
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	END OF WATER WAY			

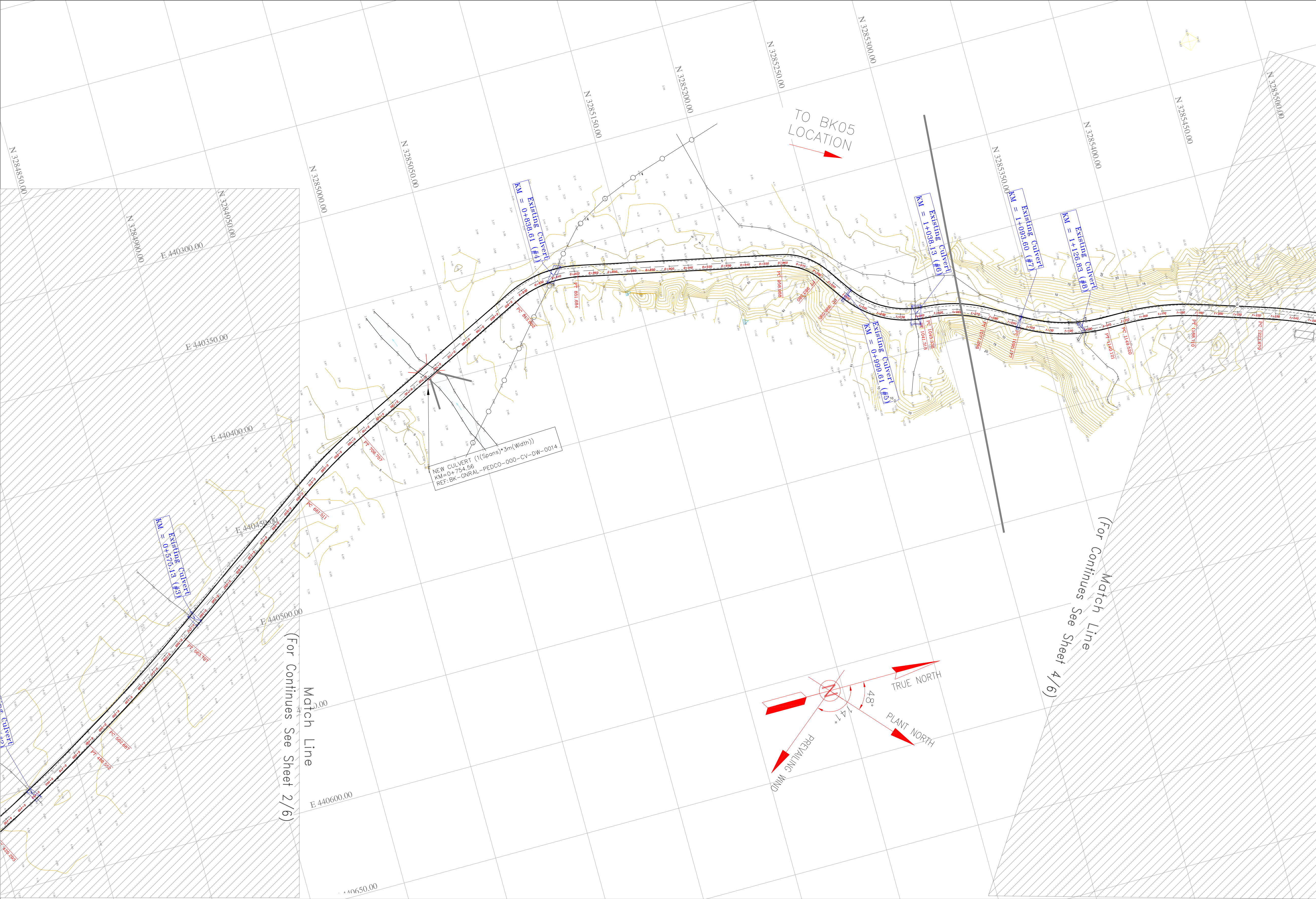
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DOO	JUN.2023	IPC	R.BERLOURI	M.FAKHARIAN	A.M.MOHSSENI	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK05 WHF MODIFICATIONS						
PROJECT NO.:			971020			
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):			
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE: General Civil Layout – BK05 (Location Map)						
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.
H=1/1000	A1	BK-BK05-PEDCO-110-CV-PY-0001			02 OF 06	DOO

***	*****	*** **	*** ****	*** **	*** ****	
REV.	DESCRIPTION	BY	DATE	BY	DATE	
		CHECKED		REV. APPR.		
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BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES BK05 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	708460	02	DOO



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99.27	TOPOGRAPHY POINTS		CHANNEL
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	CONCRETE AREA		EXISTING CULVERT
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	60 50 CONTOURS		SEPTIC
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Rough Grading Plan-BK05		BK-BK05-PEDCO-110-CV-PY-0003
Specification For Earth Work		BK-GNRAI-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details		BK-GNRAI-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report - BK05		BK-BK05-PEDCO-110-GT-RP-0001
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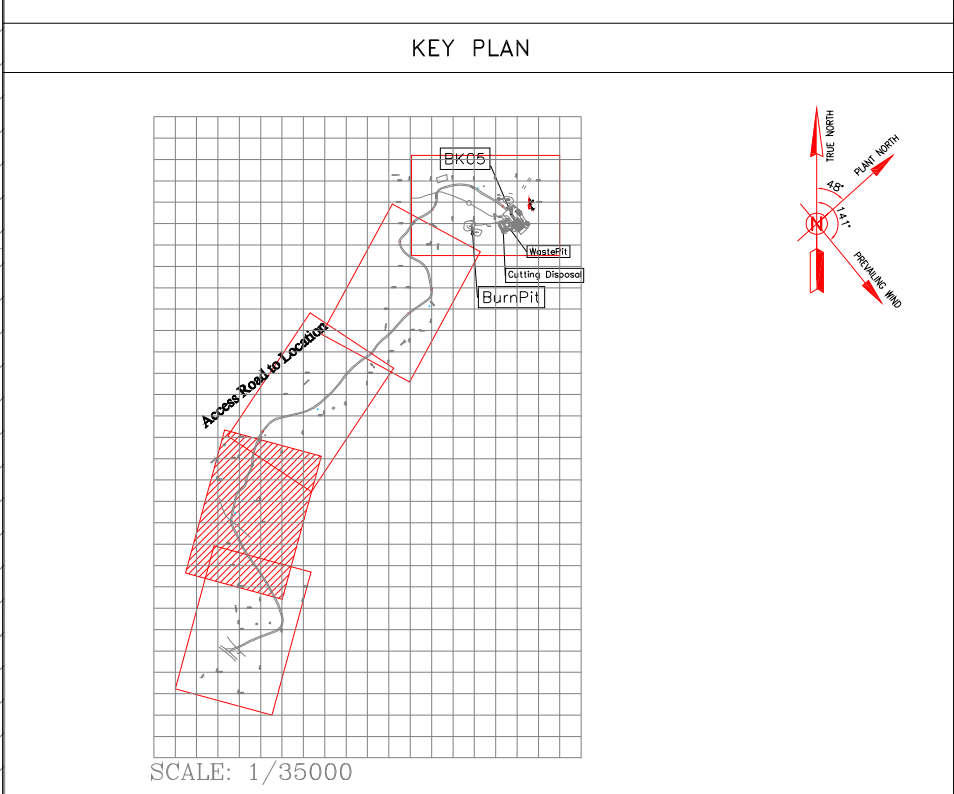


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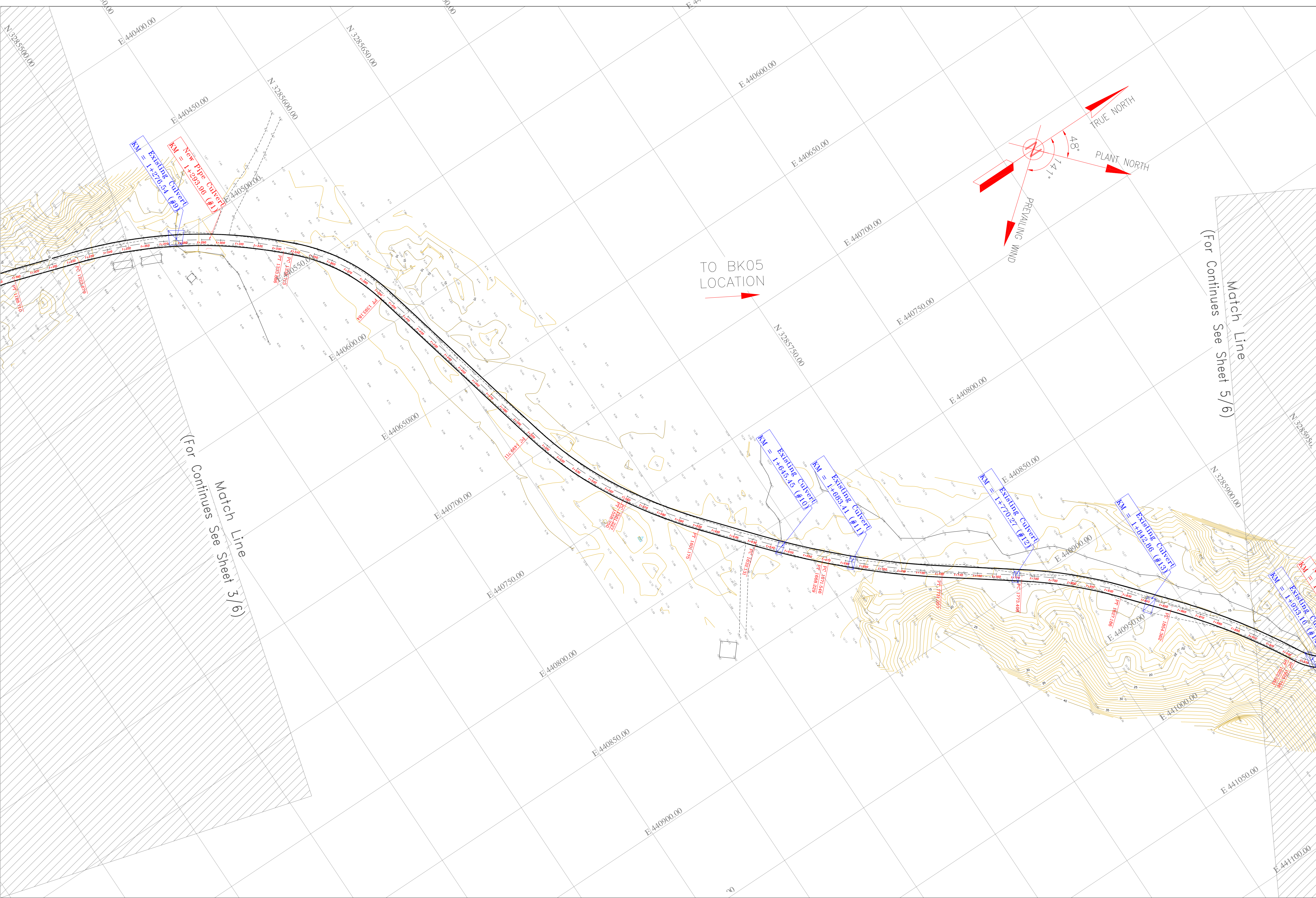
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DOO	JUN.2023	IPC	R.BERLOUHI	M.FAKHARIAN	A.M.MOHSSENI	***			CHECKED			REV. APPR.				
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کلیه نسخ این نقشه و حق امتیاز متعلق به شرکت ملی مناطق نفت خیز جنوب می باشد.									
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EPC CONTRACTOR:								EPD/EPC CONTRACTOR (GC):								
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DRAWING TITLE: General Civil Layout – BK05 (Location Map)							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED									
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H=1/1000	A1	BK-BK05-PEDCO-110-CV-PY-0001			03 OF 06	D00	053-073-9184	F	4	A	708460	03	D00			



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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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BK-SSGR-PEDCO-110-PI-DW-0001
 - 8- THE FENCE AROUND THE LOCATION SHALL BE BASED ON:
BK-GNRL-PEDCO-000-CV-DW-0009
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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 - BK05	BK-BK05-PEDCO-110-CV-DW-0001		
Rough Grading Plan-BK05	BK-BK05-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 - BK05	BK-BK05-PEDCO-110-OT-RT-0001		
Specification For Road & Paving	BK-GNRL-PEDCO-000-CV-SP-0002		
MTO For Civil Works - BK05	BK-BK05-PEDCO-110-CV-MT-0001		
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014		
Over Head Line Plan and Profile-BK05	BK-BK05-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

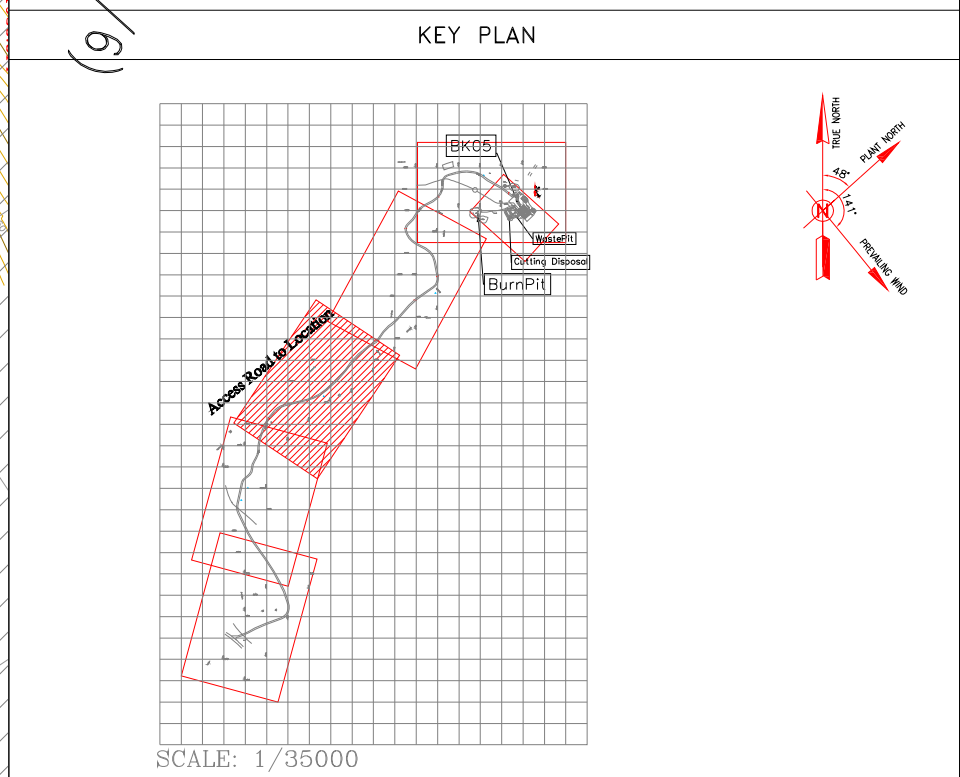


TABLE 1-ASPHALT AREA SPECIFICATION			
NAME	KM START	KM END	LENGTH(m)
AREA1	0+000.00	0+100.00	100
AREA2	1+900.00	2+800.00	900
TOTAL			1000

TABLE 2-RETAINING WALL AREA				
NAME	START	END	WIDTH(Cm)	ELEVATION
AREA1	E=441485 N=3286676	E=441500 N=3286665	80	TO TOP OF ROAD
AREA2	NEXT TO BURNPIT LINE		80	TO F.G.L OF LOCATION
AREA3	E=441321 N=3286639	E=441320 N=3286619	40	TO TOP OF ROAD
AREA4	E=441207 N=3286498	E=441218 N=3286510	60	TO TOP OF ROAD
AREA5	NEW CULVERT (E=440396,E=3286041)		80	MAX 1m

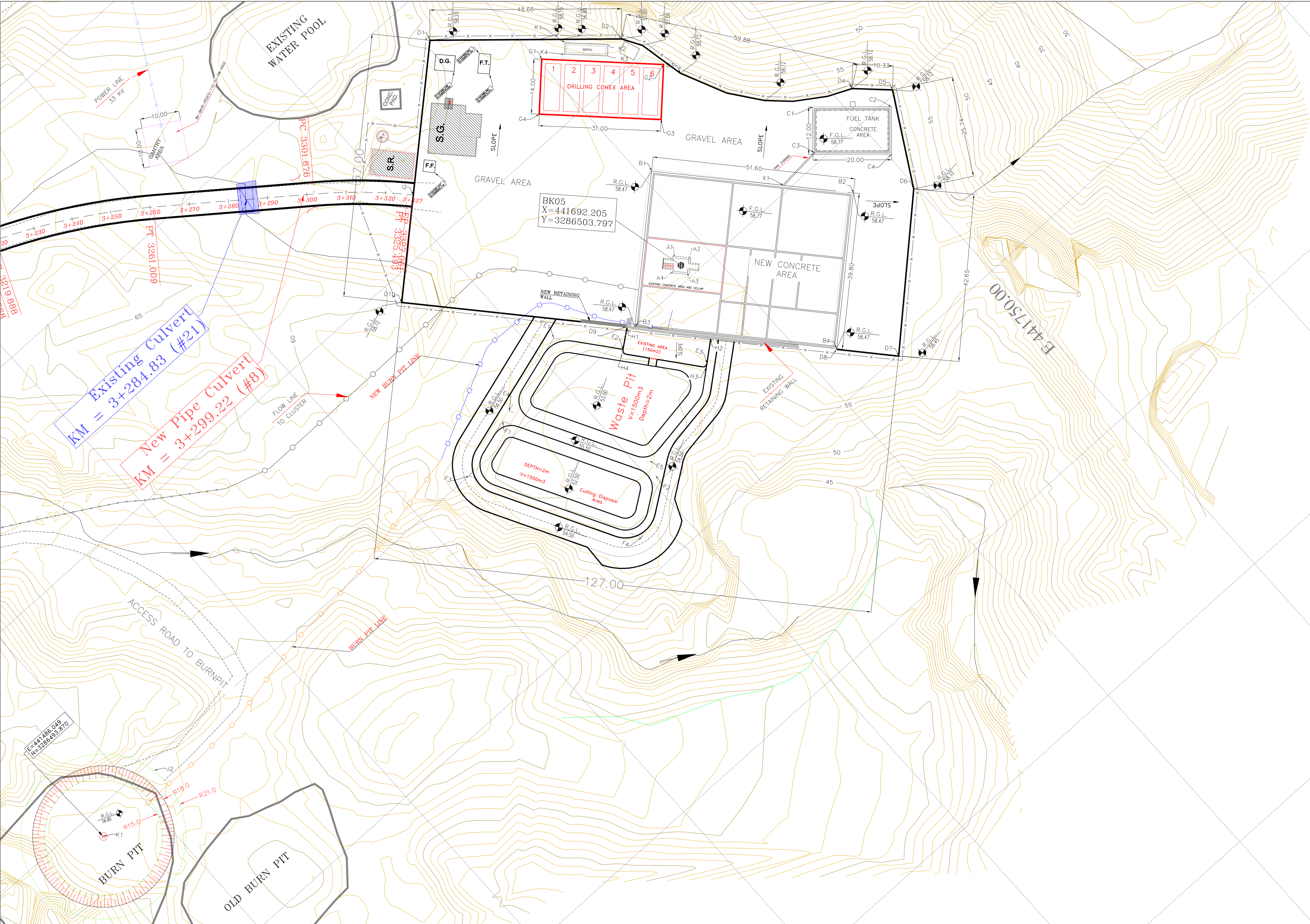
TABLE 3-LIST OF NEW CULVERT		
NUMBER	COORDINATE	TYPE OF CULVERT
1	E=441837 N=3286585	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
2	E=441303 N=3286666	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
3	E=441218 N=3286510	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
4	E=441153 N=3286416	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
5	E=441296 N=3286193	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
6	E=441189 N=3286086	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
7	E=441012 N=3285896	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
8	BK6 ACCESS ROAD INTERSECTION	CONCRETE PIPE CULVERT (DIAMETER 80 cm)
9	E=440395 N=3285041	NEW CULVERT (1(No.SPANS)*3M(WIDTH))

TABLE 4-U SHAPE CHANNEL AREA		
NAME	START	END
AREA1	E=441589 N=3286624	CULVERT KM=9+299.00
AREA2	E=441287 N=3286225	E=441296 N=3286193

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.BERLOUEI	M.FAKHARIAN	A.M.MOHSSENI	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES BK05 WHF MODIFICATIONS						
PROJECT NO.:			971020			
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):			
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE:			General Civil Layout – BK05 (Location Map)			
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.
H=1/1000	A1	BK-BK05-PEDCO-110-CV-PY-0001			04 OF 06	DOO

***	*****	***	***	***	***	
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.						
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BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	A	708460	04	DOO



AREA NAME	DESCRIPTION	UTM-COORDINATE (ZONE 39N)		REMARKS & Reference Drawing	AREA NAME	DESCRIPTION	UTM-COORDINATE (ZONE 39N)		REMARKS & Reference Drawing	AREA NAME	DESCRIPTION	UTM-COORDINATE (ZONE 39N)		REMARKS & Reference Drawing
		EASTING(m)	NORTHING(m)				EASTING(m)	NORTHING(m)				EASTING(m)	NORTHING(m)	
AREA-A	CELLAR EXISTING AREA	A1	441692.25	3286506.29	AREA-E	WASTE PIT	E1	441655.79	3286511.64	AREA-L	SEPTIC AREA	L1	441708.05	3286565.57
		A2	441694.09	3286503.57			E2	441667.00	3286497.78			L2	441715.92	3286557.94
		A3	441692.16	3286501.30			E3	441650.44	3286480.83			L3	441713.86	3286555.81
		A4	441689.72	3286504.02			E4	441634.99	3286505.44			L4	441705.99	3286563.44
AREA-B	CONCRETE PAD	B1	441702.64	3286526.60	AREA-G	CUTTING DISPOSAL AREA	F1	441632.05	3286504.56	AREA-H	DRILLING CONEX AREA	G1	441700.86	3286566.42
		B2	441737.11	3286488.21			F2	441651.77	3286488.37			G2	441723.00	3286544.71
		B3	441673.02	3286500.01			F3	441616.37	3286499.89			G3	441713.19	3286534.72
		B4	441707.50	3286461.62			F4	441636.65	3286459.01			G4	441691.06	3286556.43
AREA-C	FUEL TANK (CONCRETE AREA)	C1	441743.99	3286511.36	AREA-I	EXISTING AREA	H1	441671.41	3286501.18	AREA-J	ACCESS ROAD TO LOCATION	J1	441328.83	3286644.42
		C2	441758.91	3286498.04			H2	441685.33	3286494.86			J2	441506.81	3286497.76
		C3	441736.00	3286502.41			H3	441679.67	3286480.19			K1	441486.05	3286493.88
		C4	441750.92	3286489.09			H4	441666.11	3286497.08					
AREA-D	GRAVEL AREA OP WELL PAD	D1	441682.95	3286588.94	AREA-K	ACCESS ROAD TO BURNPIT	I1	440343.70	3284502.19	EXISTING AREA				
		D2	441719.39	3286556.70			I2	441653.53	3286562.58					
		D3	441724.69	3286510.22			J1	441328.83	3286644.42					
		D4	441754.51	3286508.20			J2	441506.81	3286497.76					
		D5	441761.98	3286501.05			K1	441486.05	3286493.88					
		D6	441749.18	3286478.72										
		D7	441717.95	3286449.68										
		D8	441707.35	3286461.49										
		D9	441665.42	3286502.32										
		D10	441633.10	3286544.18										

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⊠	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
—N—	POWER LINE	—(—(—	NEW CULVERT
—○—	OPTICAL FIBER	▨	EXISTING CULVERT (SHALL BE DEMOLISHED)
60	CONTOURS	▨	SEPTIC
50		○	BURNPIT
—X—	FENCE		

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S.R.	SECURITY ROOM	D.G. DIESEL GENERATOR SHELTER
S.G.	SWITCH GEAR	F.F. FIRE FIGHTING SHELTER

