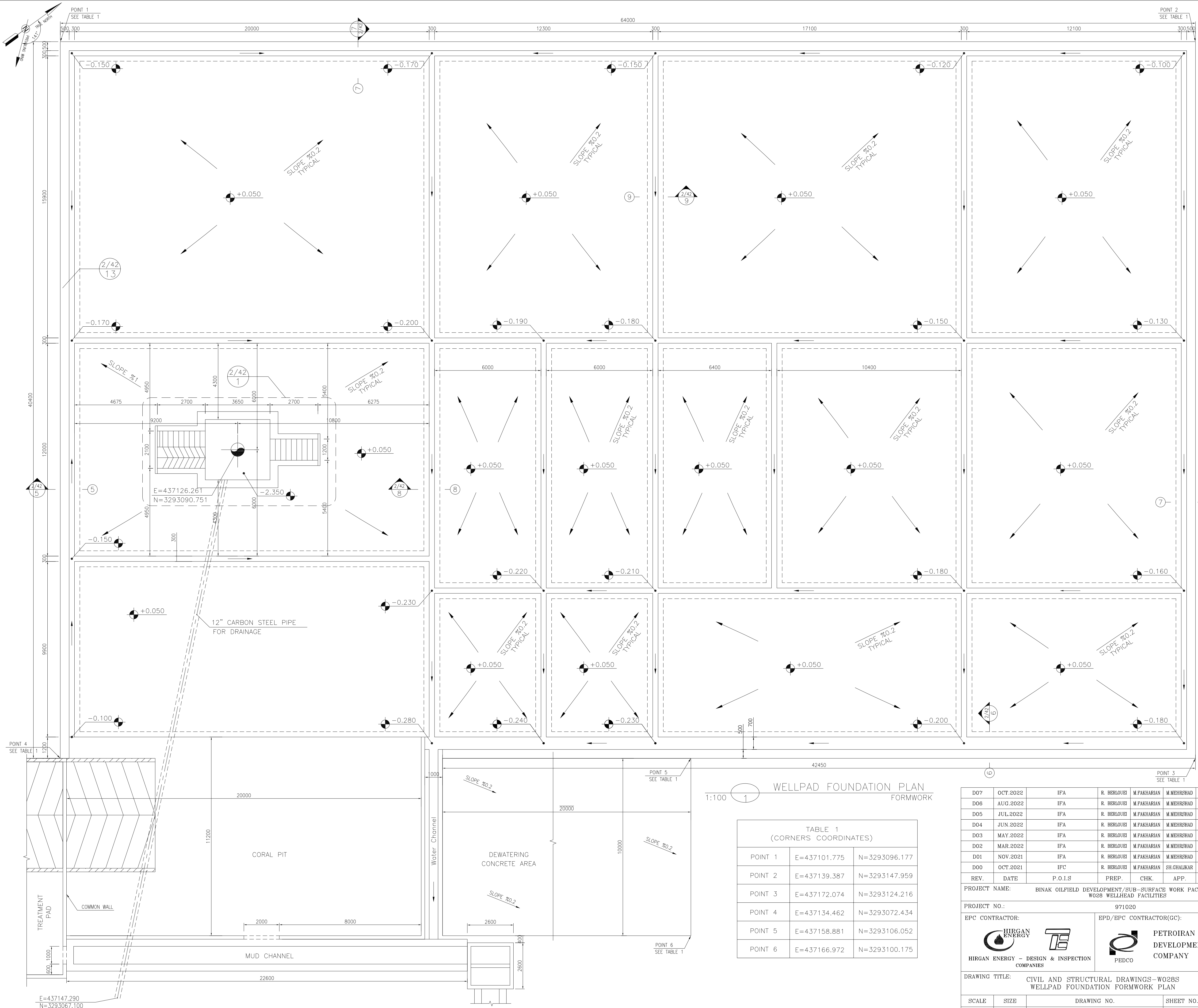


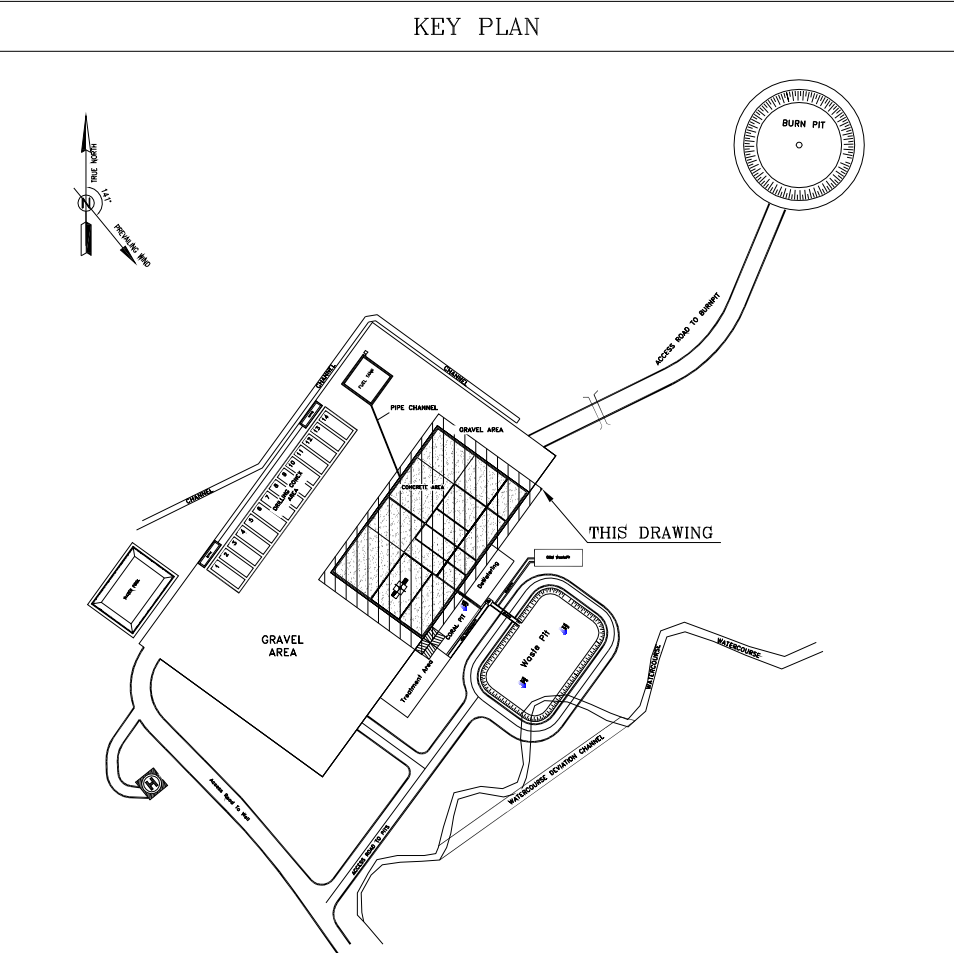


- NOTES
- 1- ALL COORDINATES ARE IN METER.
 - 2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
 - 3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
 - 4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa (ON CYLINDRICAL SPECIMEN)
 - 5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa (ON CYLINDRICAL SPECIMEN)
 - 6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI 3132 AND IN BC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm²
 - 7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
 - 8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No. 3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm³
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
 - 9- JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS.
 - 10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
 - 11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
 - 12- THE WATER POOL IS NOT CLIENT REQUIREMENT

LEGEND AND ABBREVIATION

	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
	GRAVEL	T.O.PIT	TOP OF PIT
	SUB GRADE	B.O.P.	BOTTOM OF PIPE
	SLOPE	R.G.L.	ROUGH GRADING LEVEL

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT - W028	BK-W028-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS - W028	BK-W028-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SP-0002



WELLPAD FOUNDATION PLAN FORMWORK

TABLE 1
(CORNERS COORDINATES)

POINT 1	E=437101.775	N=3293096.177
POINT 2	E=437139.387	N=3293147.959
POINT 3	E=437172.074	N=3293124.216
POINT 4	E=437134.462	N=3293072.434
POINT 5	E=437158.881	N=3293106.052
POINT 6	E=437166.972	N=3293100.175

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D06	AUG.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IFC	R. BERLOUEI	M.PAKHARIAN	SH.GHAJIKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES						
PROJECT NO.: 971020						
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):			
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S WELLPAD FOUNDATION FORMWORK PLAN						
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			01 OF 42	D07

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BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES					
DATE		DRAWING BY		CHECKED BY	PROJECT ENG.
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APPROVED FOR CONSTRUCTION				BY:	DATE:
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET
053-073-9184	F	4	S	707548	1
				D07	

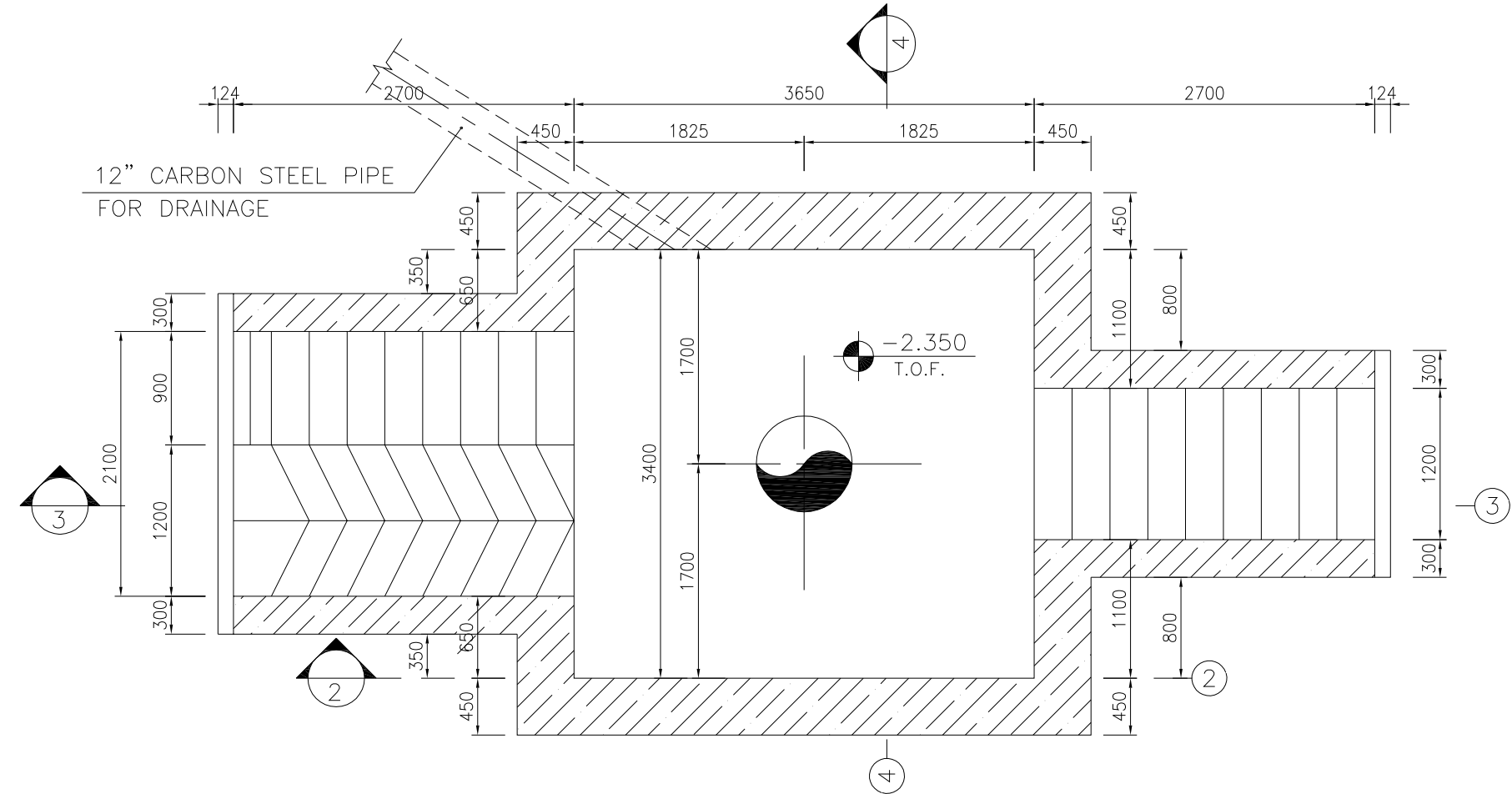


Diagram illustrating the cross-section of a 30-inch conductor pipe installation, showing dimensions and components:

- Top Dimensions:** 450, 1825, 3650, 1825, 450.
- Vertical Dimensions:** 300, 600, 2400, 150, 102, 450, 100, 300, 450, 3650, 450, 300, 100.
- Labels:**
 - +0.050 T.O.C.
 - 2.350 T.O.F.
 - WATER STOP (15 CM WIDTH)
 - COMPACTED SUB GRADE
 - CONDUCTOR PIPE 30" API5L X42-TH.=7.9 mm

[illegible]

CHAMFER
25x25

1500

500 700 300

450

100

200

+0.050
T.O.C.

LEAN CONCRETE

COMPACTED SUB GRADE
TO 95% AS AASHTO

1/42
6

1:20

TYPICAL CHANNEL SECTION
IN BOUNDARY SIDE

CHAMFER 25x25

1100

500 300 300 250

450

Var

100

200

+0.050 T.O.C.

LEAN CONCRETE

COMPACTED SUB GRADE TO 95% AS SSHTO

1:20

1/42

7

TYPICAL CHANNEL SECTION IN BOUNDARY SIDE

[illegible]

±0.050
T.O.C.

250 300 300 300 250

900

100 200

Var

250

100 200

LEAN CONCRETE

COMPACTED SUB GRADE TO 95% ASHTO

COMPACTED SUB GRADE TO 95% ASHTO

1/42

1:20

9

TYPICAL CHANNEL SECTION IN MIDDLE SIDE

D07	OCT.2022	IFA	R. BERLOUJI	M.PAGHARIAN	M.MHRSHAD
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	D04	JUN.2022	IFA	R. BERLOUËI	M.PAKHARIAN	M.MEHRSNAD	*
	D03	MAY.2022	IFA	R. BERLOUËI	M.PAKHARIAN	M.MEHRSNAD	*
	D02	MAR.2022	IFA	R. BERLOUËI	M.PAKHARIAN	M.MEHRSNAD	*
	D01	NOV.2021	IFA	R. BERLOUËI	M.PAKHARIAN	M.MEHRSNAD	*
	D00	OCT.2021	IFC	R. BERLOUËI	M.PAKHARIAN	SH. CHALKAR	*
	REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	A

 				PETROIRAN DEVELOPMENT COMPANY
HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES		PEDCO		
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S WELLPAD AND RIG FOUNDATION DETAILS & SECTIONS				
SCALE	SIZE	DRAWING NO.		SHEET NO.
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002		02 OF 42

LEGEND AND ABBREVIATION			
	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	CEMENT CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
	GRAVEL	T.O.PIT	TOP OF PIT
	SUB GRADE	B.O.P.	BOTTOM OF PIPE
	SLOPE	R.G.L.	ROUGH GRADING LEVEL

KEY PLAN

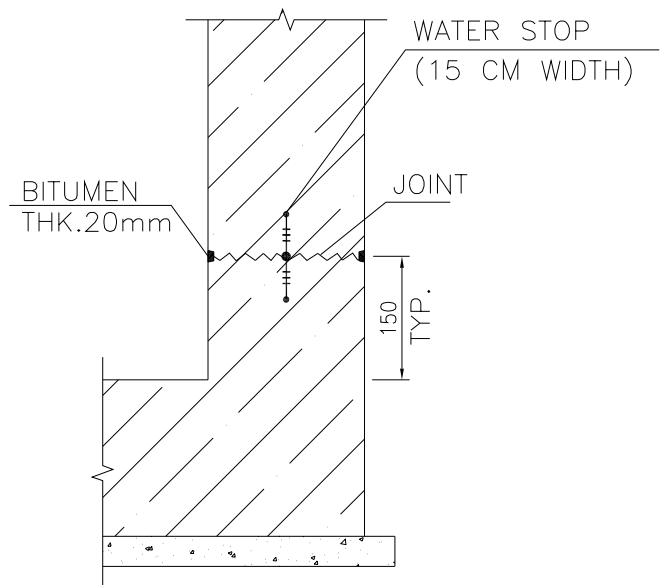
[illegible]

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

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DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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APPROVED FOR CONSTRUCTION				BY:	DATE:	
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707548	2	D07



CONCRETE

1/2 PL 200x200x10
N=12

CONDUCTOR PIPE (D=30")
L=6000 mm

FACE OF JOINT PREPARED BY EXPOSING AGGREGATE

MASTIC FILL

30

40

LEAN CONCRETE

SOIL WITH 95% COMPACTION

REINFORCED CONCRETE

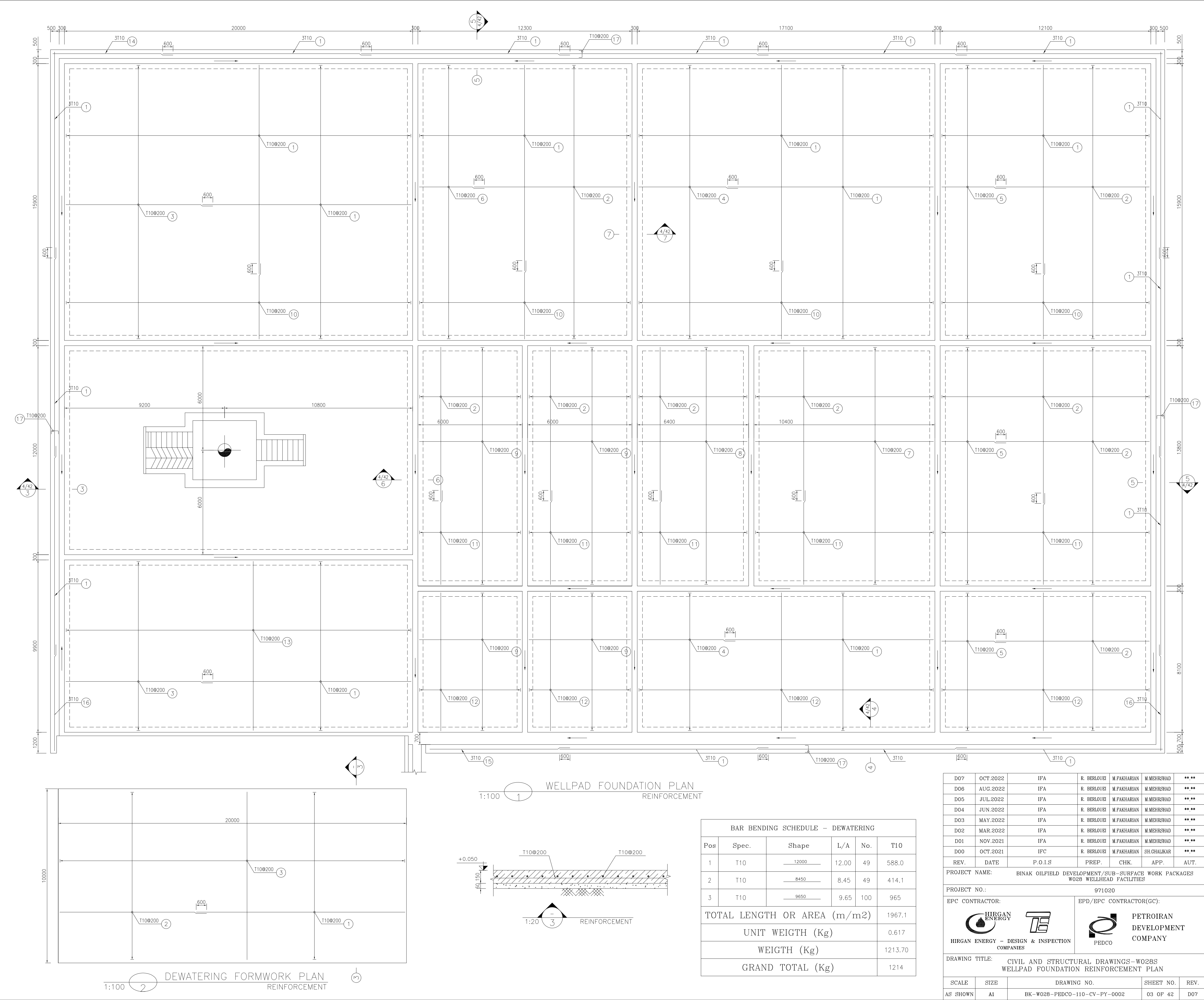
Diagram illustrating a composite foundation cross-section. The foundation consists of a reinforced concrete slab resting on soil with 95% compaction. The slab is divided into sections by a central gap filled with mastic. The distance from the center of the gap to the edge of the slab is labeled 'a'. The thickness of the slab is labeled '30' and '40'. The label 'FACE OF JOINT PREPARED BY EXPOSING AGGREGATE' points to the joint surface. The label 'MASTIC FILL' points to the central gap. The label 'LEAN CONCRETE' points to the soil layer. The label 'REINFORCED CONCRETE' points to the slab.

Diagram illustrating the cross-section of a reinforced concrete pile cap. The cap is shown with reinforcement bars (d) and a central vertical crack. The dimensions are labeled as follows:

- FACE OF JOINT PREPARED BY EXPOSING AGGREGATE**: Points to the vertical crack in the center of the cap.
- REINFORCED CONCRETE**: Labels the main body of the cap.
- LEAN CONCRETE**: Labels the base layer below the cap.
- SOIL WITH 95% COMPACTION**: Labels the ground below the lean concrete.
- Dimensions**:
 - d : Diameter of the reinforcement bars.
 - a : Effective depth of the cap.
 - b : Width of the cap.
 - c : Thickness of the lean concrete base.
 - e : Distance from the center of the pile to the center of the cap.
 - f : Distance from the center of the pile to the face of the joint.
 - g : Distance from the center of the pile to the center of the cap.
 - h : Total height of the cap.
 - i : Distance from the center of the pile to the face of the joint.
 - j : Distance from the center of the pile to the center of the cap.
 - k : Distance from the center of the pile to the face of the joint.
 - l : Distance from the center of the pile to the center of the cap.
 - m : Distance from the center of the pile to the face of the joint.
 - n : Distance from the center of the pile to the center of the cap.
 - o : Distance from the center of the pile to the face of the joint.
 - p : Distance from the center of the pile to the center of the cap.
 - q : Distance from the center of the pile to the face of the joint.
 - r : Distance from the center of the pile to the center of the cap.
 - s : Distance from the center of the pile to the face of the joint.
 - t : Distance from the center of the pile to the center of the cap.
 - u : Distance from the center of the pile to the face of the joint.
 - v : Distance from the center of the pile to the center of the cap.
 - w : Distance from the center of the pile to the face of the joint.
 - x : Distance from the center of the pile to the center of the cap.
 - y : Distance from the center of the pile to the face of the joint.
 - z : Distance from the center of the pile to the center of the cap.

N.T.S.  TYPICAL CONSTRUCTION JOINT

TYPICAL CHANNEL SECTION						
1:20 (1/42)		IN MIDDLE SIDE				
D07	OCT.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	*
D06	AUG.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	*
D05	JUL.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	*
D04	JUN.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	*
D03	MAY.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	*
D02	MAR.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	*
D01	NOV.2021	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	*
D00	OCT.2021	IFC	R. BERLOUEI	M.PAKHARIAN	SH CHALKAR	*
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	A



NOTES

1- ALL COORDINATES ARE IN METER.

2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.

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

4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa (ON CYLINDRICAL SPECIMEN)

5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa (ON CYLINDRICAL SPECIMEN)

6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI 3132 AND IN BC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm²

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

8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No. 3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm³
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2

9- JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS.

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

11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL

12- THE WATER POOL IS NOT CLIENT REQUIREMENT

±0.00 = +31.00(R.G.L.)MSL

LEGEND AND ABBREVIATION

REINFORCED CONCRETE

LEAN CONCRETE

CEMENT BLOCK WALL

GRAVEL

SUB GRADE

SLOPE

T.O.F.

T.O.W.

T.O.C.

T.O.PIT

B.O.P.

R.G.L.

TOP OF FOUNDATION

TOP OF WALL

TOP OF CONCRETE

TOP OF PIT

BOTTOM OF PIPE

ROUGH GRADING LEVEL

REFERENCE DRAWING

DRG. No.

SPECIFICATION FOR FENCE & GATE

BK-GNRL-PEDCO-000-CV-SP-0003

GENERAL NOTES - STEEL STRUCTURES

BK-GNRL-PEDCO-000-ST-DW-0011

GENERAL NOTES - REINFORCED CONCRETE STRUCTURES

BK-GNRL-PEDCO-000-ST-DW-0012

GENERAL CIVIL LAYOUT - W028

BK-W028-PEDCO-110-CV-PY-0001

ROUGH GRADING PLANS - W028

BK-W028-PEDCO-110-CV-DW-0001

STANDARD DRAWING FOR CULVERT & DETAILS

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

STANDARD DETAILS OF MISCELLANEOUS ITEMS

BK-GNRL-PEDCO-000-CV-DW-0040

SPECIFICATION FOR EARTH WORK

BK-GNRL-PEDCO-000-CV-SP-0004

SPECIFICATION FOR ROAD & PAVING

BK-GNRL-PEDCO-000-CV-SP-0002

KEY PLAN

D07

OCT.2022

IFA

R. BERLOUEI

M.PAKHARIAN

M.MEHRSHAD

D06

AUG.2022

IFA

R. BERLOUEI

M.PAKHARIAN

M.MEHRSHAD

D05

JUL.2022

IFA

R. BERLOUEI

M.PAKHARIAN

M.MEHRSHAD

D04

JUN.2022

IFA

R. BERLOUEI

M.PAKHARIAN

M.MEHRSHAD

D03

MAY.2022

IFA

R. BERLOUEI

M.PAKHARIAN

M.MEHRSHAD

D02

MAR.2022

IFA

R. BERLOUEI

M.PAKHARIAN

M.MEHRSHAD

D01

NOV.2021

IFA

R. BERLOUEI

M.PAKHARIAN

M.MEHRSHAD

D00

OCT.2021

IPC

R. BERLOUEI

M.PAKHARIAN

SH.GHALUKAR

REV.

DATE

P.O.I.S

PREP.

CHK.

APP.

AUT.

PROJECT NAME:

BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES

PROJECT NO.:

971020

EPC CONTRACTOR:

HURGAN ENERGY - DESIGN & INSPECTION COMPANIES

TE

EPD/EPC CONTRACTOR(GC):

PEDCO

PETROIRAN DEVELOPMENT COMPANY

DRAWING TITLE:

CIVIL AND STRUCTURAL DRAWINGS-W028S WELLPAD FOUNDATION REINFORCEMENT PLAN

SCALE

SIZE

DRAWING NO.

SHEET NO.

REV.

AS SHOWN

A1

BK-W028-PEDCO-110-CV-PY-0002

03 OF 42

D07

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION

BY:

DATE:

BUDGET REF.

LOCATION

SIZE CLASS

SERIAL NO.

SHEET

REVISION

053-073-9184

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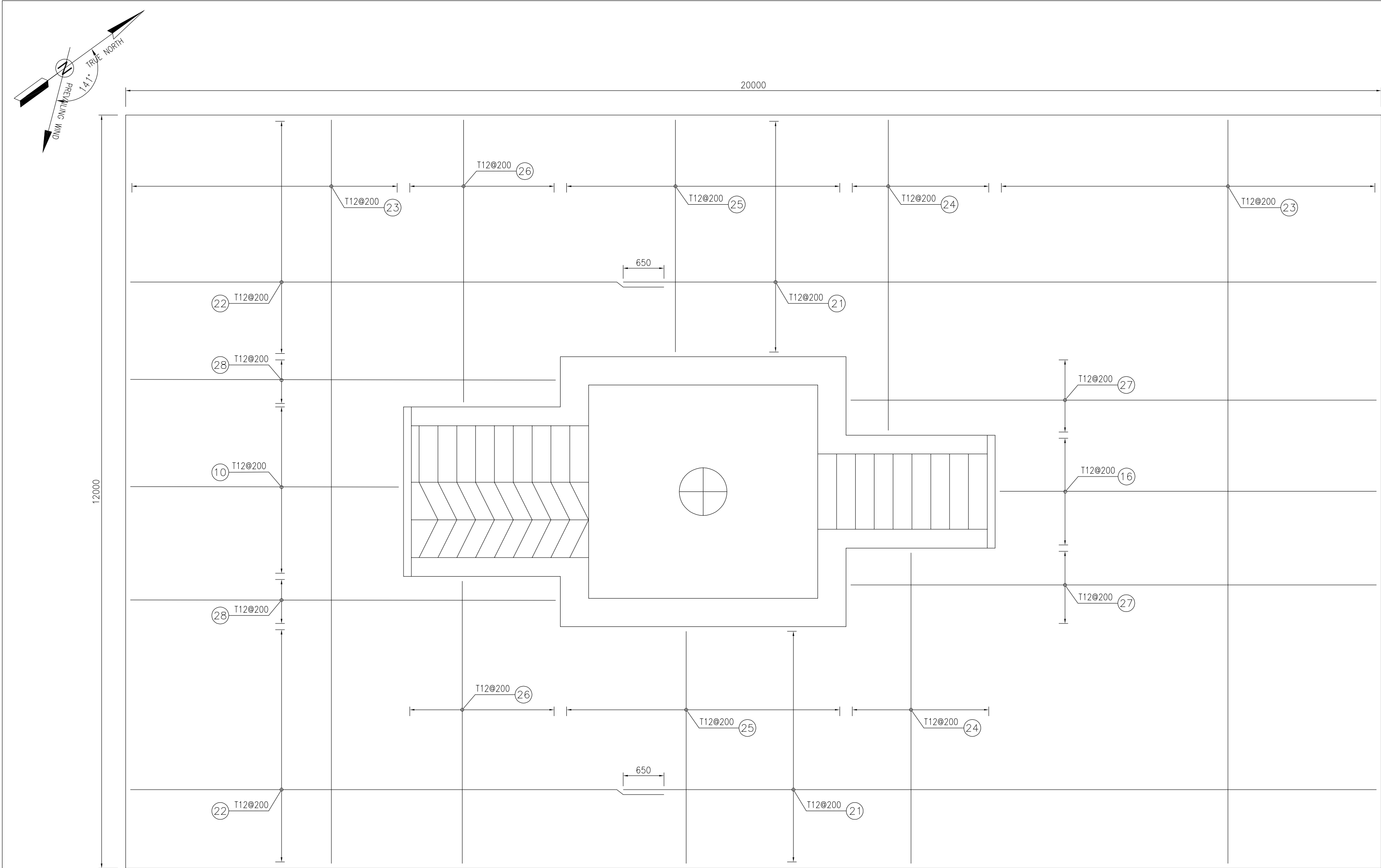
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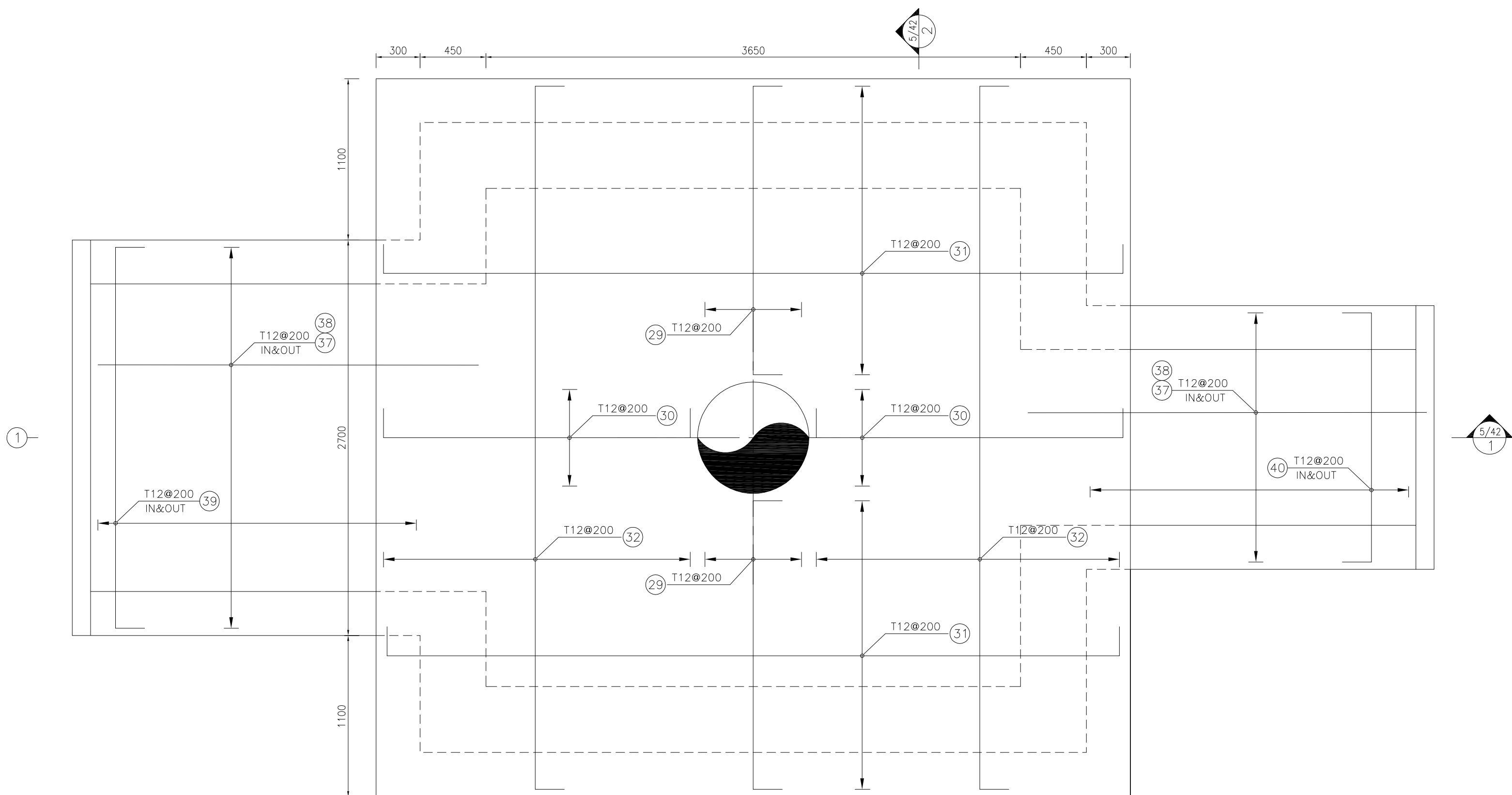
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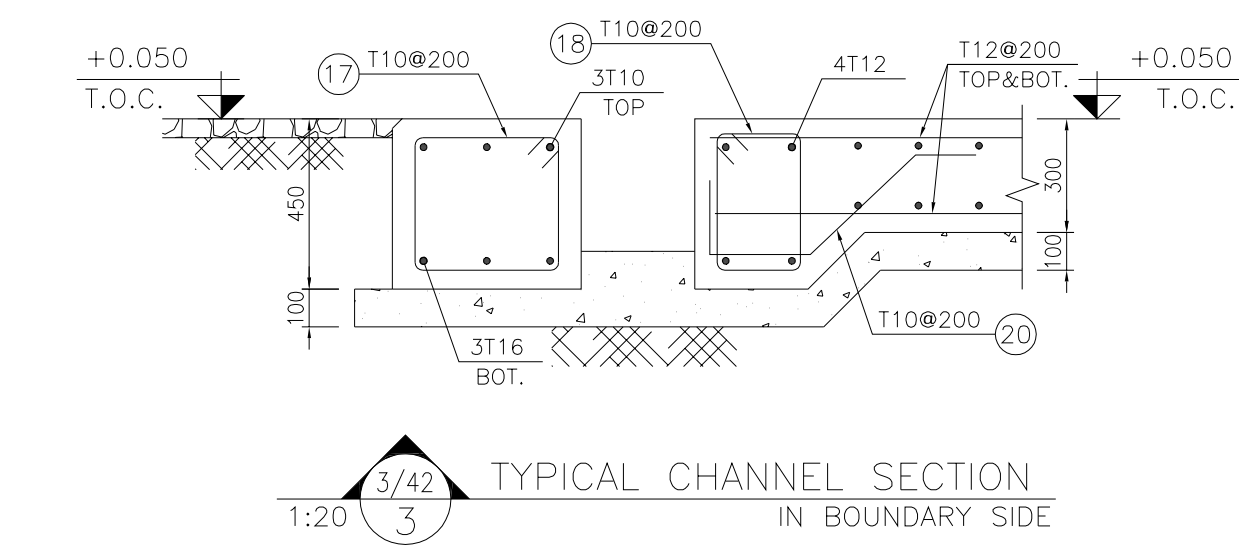
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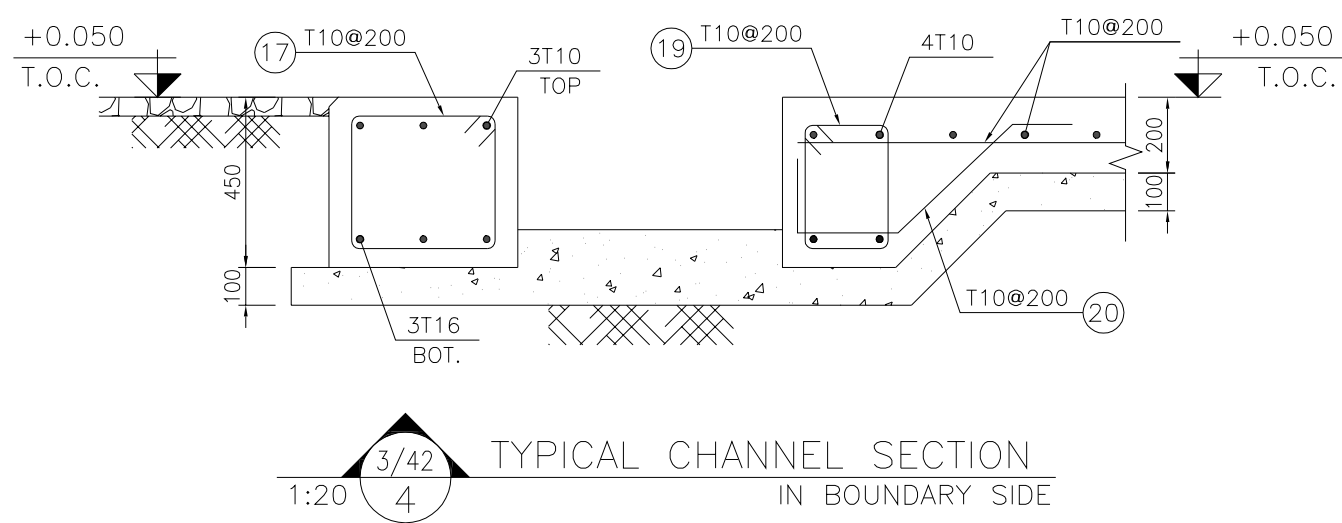
1 RIG FOUNDATION REINFORCEMENT PLAN
1:50 TOP & BOTTOM



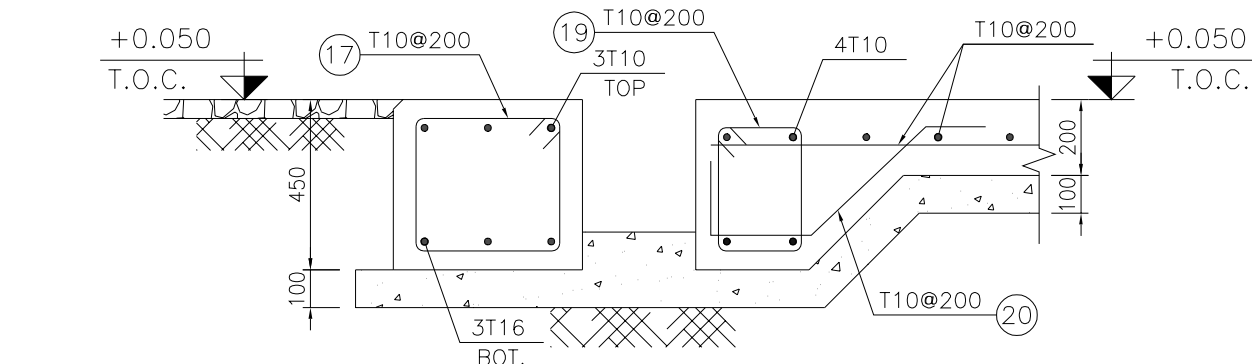
2 CELLAR PIT FOUNDATION REINFORCEMENT PLAN
1:25 TOP & BOTTOM



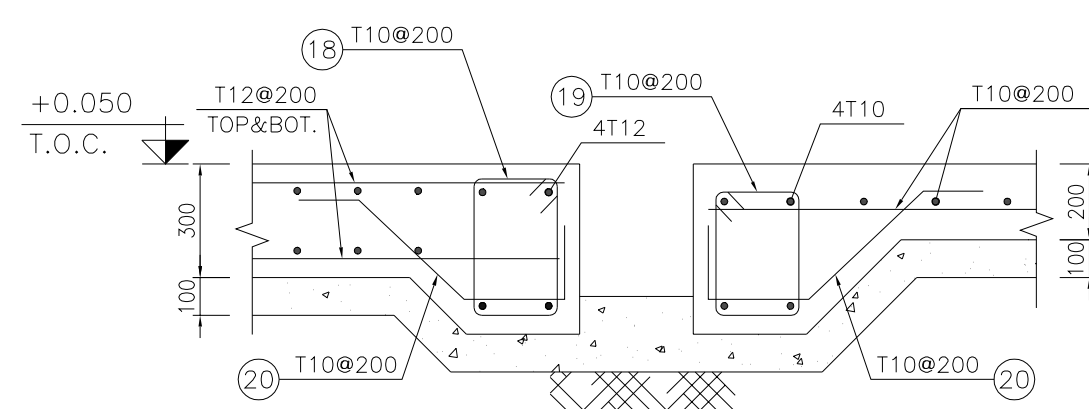
3 TYPICAL CHANNEL SECTION
1:20 IN BOUNDARY SIDE



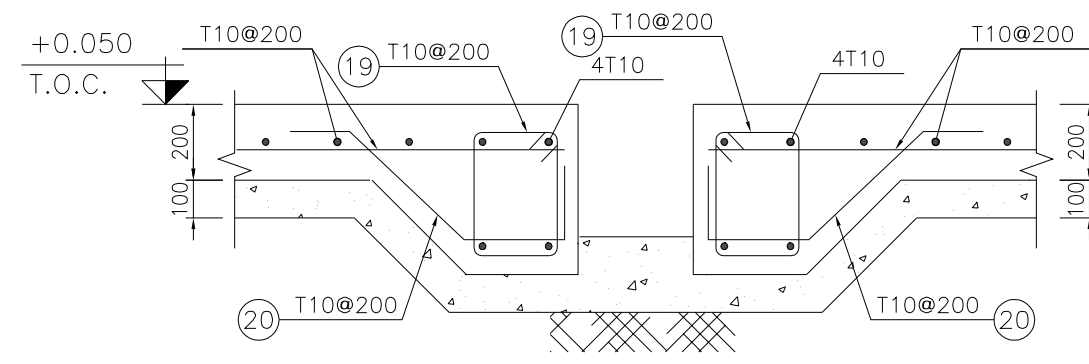
4 TYPICAL CHANNEL SECTION
1:20 IN BOUNDARY SIDE



5 TYPICAL CHANNEL SECTION
1:20 IN BOUNDARY SIDE



6 TYPICAL CHANNEL SECTION
1:20 IN MIDDLE SIDE



7 TYPICAL CHANNEL SECTION
1:20 IN MIDDLE SIDE

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D07	OCT.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	** **
D06	AUG.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	** **
D05	JUL.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	** **
D04	JUN.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	** **
D03	MAY.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	** **
D02	MAR.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	** **
D01	NOV.2021	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	** **
D00	OCT.2021	IPC	R. BERLOUEI	M.PAKHARIAN	SH.GHALUKAR	** **

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES

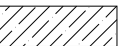
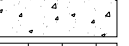
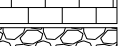
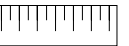
PROJECT NO.: 971020

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

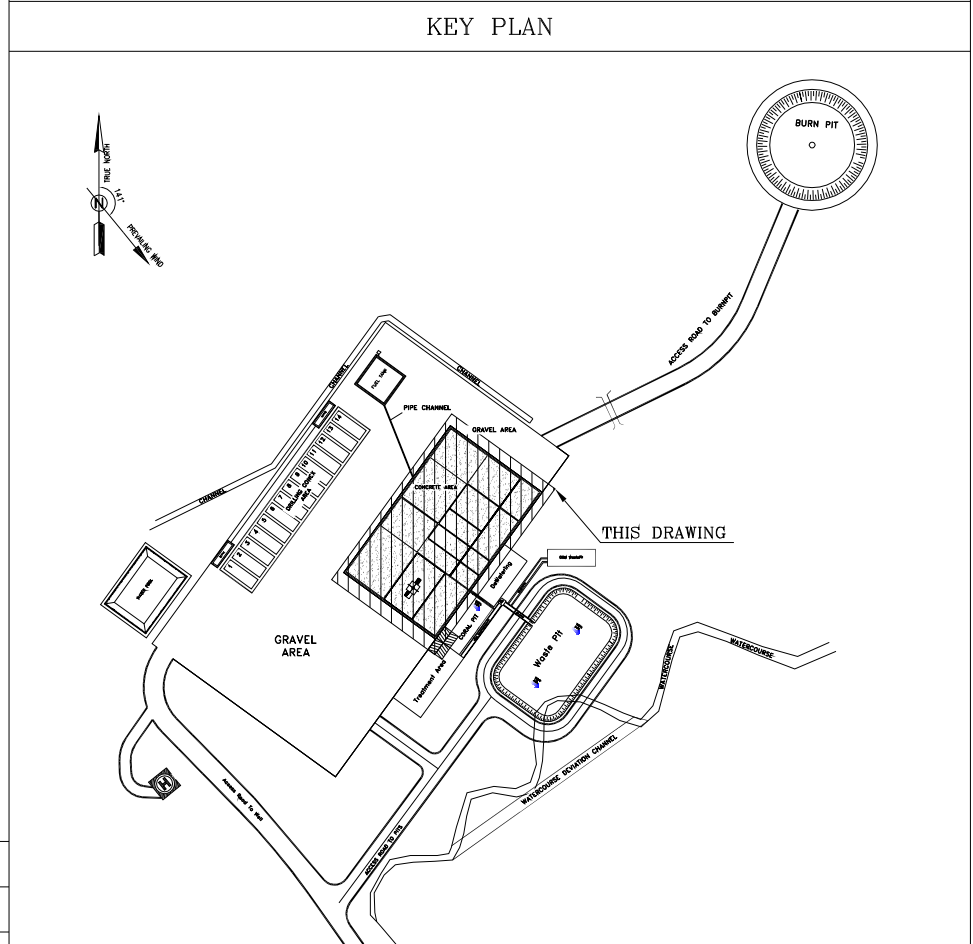
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S
RIG AND CELLAR FOUNDATION REINFORCEMENT-SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002	04 OF 42	D07

- NOTES
- ALL COORDINATES ARE IN METER.
 - ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
 - ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
 - ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa (ON CYLINDRICAL SPECIMEN)
 - ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa (ON CYLINDRICAL SPECIMEN)
 - REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm²
 - MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
 - SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR:
BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm³
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
 - JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS.
 - CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
 - GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
 - THE WATER POOL IS NOT CLIENT REQUIREMENT
- ±0.00 = +31.00(R.G.L.)MSL

LEGEND AND ABBREVIATION			
	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
	GRAVEL	T.O.PIT	TOP OF PIT
	SUB GRADE	B.O.P.	BOTTOM OF PIPE
	SLOPE	R.G.L.	ROUGH GRADING LEVEL

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT - W028	BK-W028-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS - W028	BK-W028-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SP-0002



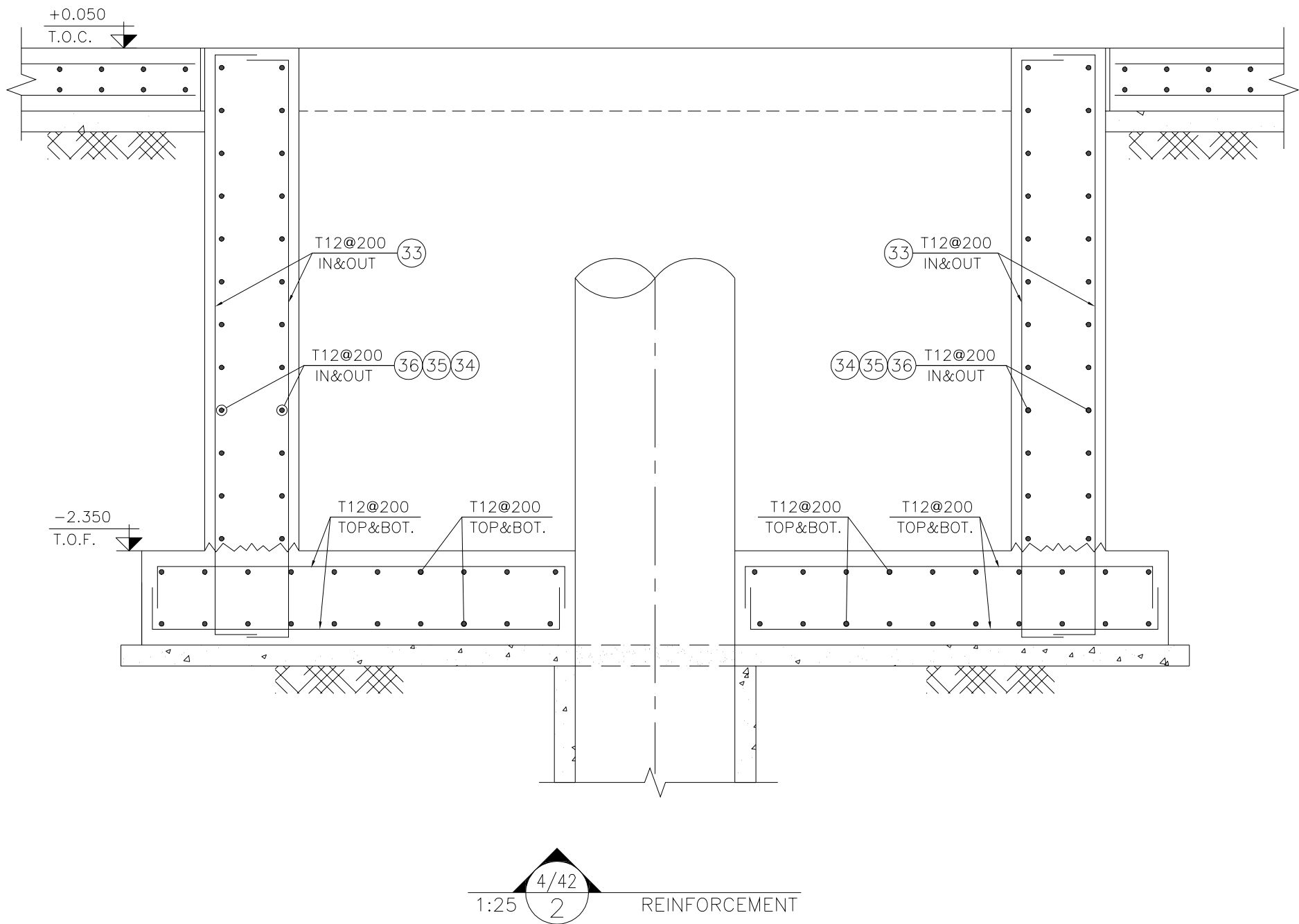
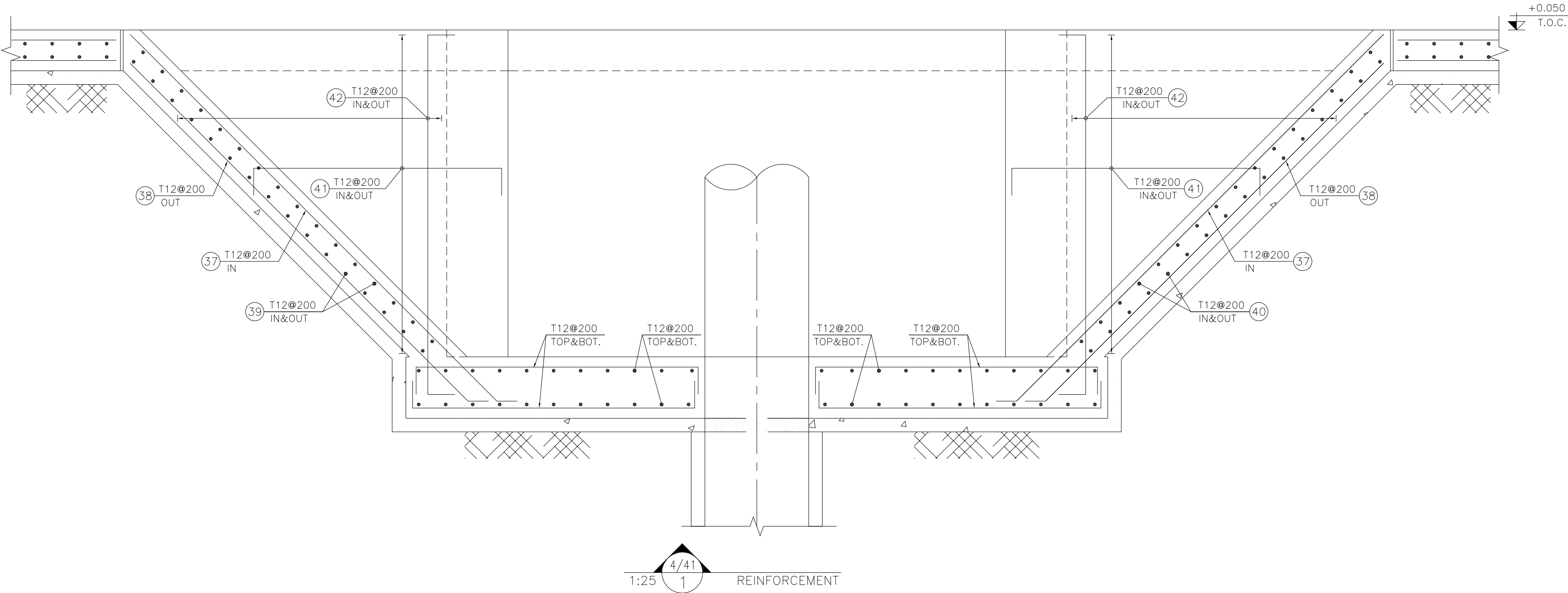
REV.	DESCRIPTION	BY	DATE	BY	DATE
***	*****	** **	*** **	** **	*** **

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 W028 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.
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002	04 OF 42	D07

BAR BENDING SCHEDULE – WELLPAD & CELLAR						
Pos	Spec.	Shape	L/A	No.	T10	T112
1	T10	12000	12.00	637	7644.00	
2	T10	9000	9.00	478	4302.00	
3	T10	8450	8.45	130	1098.50	
4	T10	5550	5.55	121	671.55	
5	T10	3550	3.55	191	670.05	
6	T10	3750	3.75	80	300.00	
7	T10	10250	10.25	70	717.50	
8	T10	6250	6.25	70	737.50	
9	T10	5850	5.85	222	1298.70	
10	T10	4350	4.35	336	1461.6	
11	T10	5250	5.25	206	1081.50	
12	T10	7950	7.95	206	1637.70	
13	T10	9750	9.75	100	975.00	
14	T10	6850	6.85	6	41.10	
15	T10	8100	8.10	6	48.60	
16	T10	6000	6.00	32	192.00	
17	T10	300 350 100	1.50	925	1387.50	
18	T10	300 150 100	1.10	320	352.00	
19	T10	250 150 100	1.00	1950	1950.00	
20	T10	150 200 400 150	0.90	3625	3262.50	
21	T12	12000	12.00	80		960.00
22	T12	8500	8.50	80		680.00
23	T12	11850	11.85	108		1279.80
24	T12	4950	4.95	48		237.60
25	T12	3700	3.70	48		177.60
26	T12	4500	4.50	48		216.00
27	T12	8400	8.40	24		201.60
28	T12	6800	6.80	16		108.80
29	T12	200 1900 200	2.30	16		36.80
30	T12	200 2000 200	2.40	16		38.40
31	T12	200 5000 200	5.40	40		216.00
32	T12	200 4750 200	5.15	44		226.60
33	T12	200 2700 200	3.10	84		260.40
34	T12	200 4400 200	4.80	48		230.40
35	T12	200 1400 200	1.80	48		86.40
36	T12	200 950 200	1.35	48		64.80
37	T12	200 3800	4.00	24		96.00
38	T12	200 3500	3.70	24		88.80
39	T12	200 2550 200	2.95	32		94.40
40	T12	200 1650 200	2.05	32		65.60
41	T12	200 700-2700 200	Var	48		100.80
42	T12	200 300-2300 200	Var	56		95.20
TOTAL LENGTH OR AREA (m/m2)				29829.30	6251.20	
UNIT WEIGTH (Kg)				0.617	0.888	
WEIGHT (Kg)				18404.67	4939.06	
GRAND TOTAL (Kg)				23400		

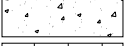


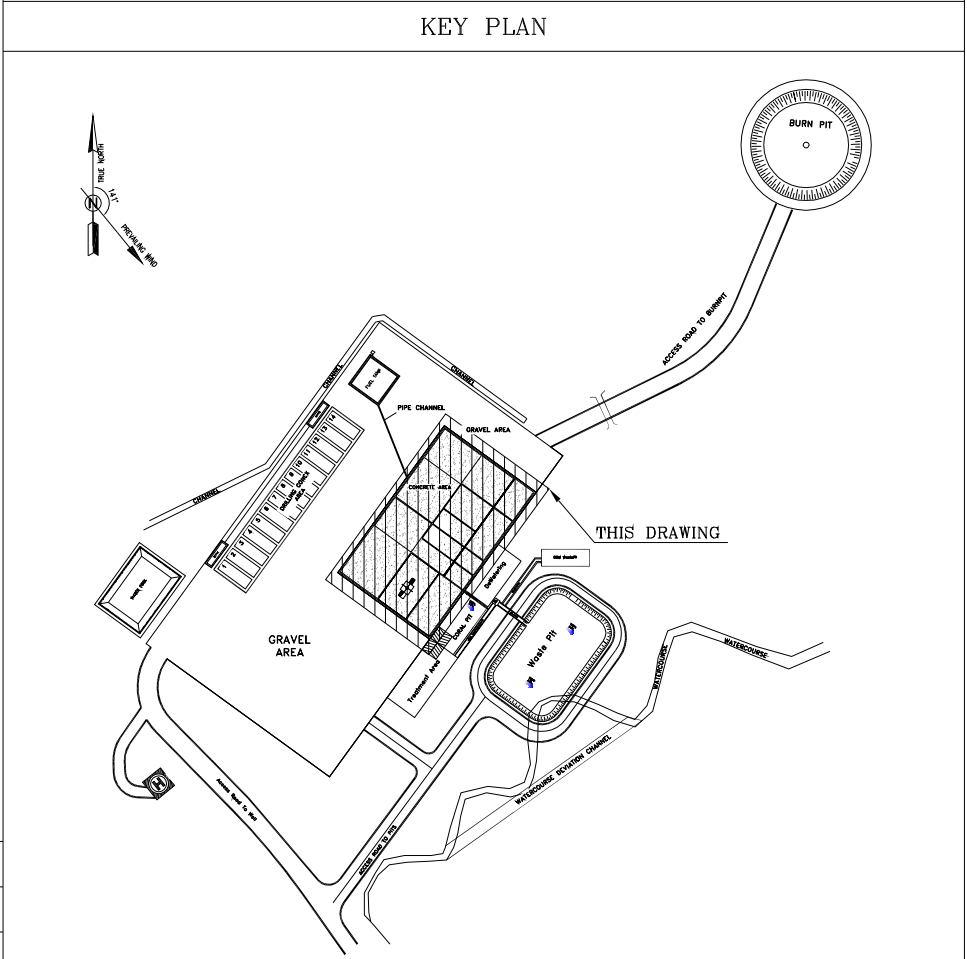
BAR BENDING SCHEDULE – DEWATERING					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	12000	12.00	50	600.0
2	T10	8450	8.45	50	422.5
3	T10	9850	9.85	100	985.0
TOTAL LENGTH OR AREA (m/m2)					2007.50
UNIT WEIGTH (Kg)					0.617
WEIGHT (Kg)					1238.7
GRAND TOTAL (Kg)					1240

D07	OCT.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IPC	R. BERLOUEI	M.PAKHARIAN	SH.GHALUKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

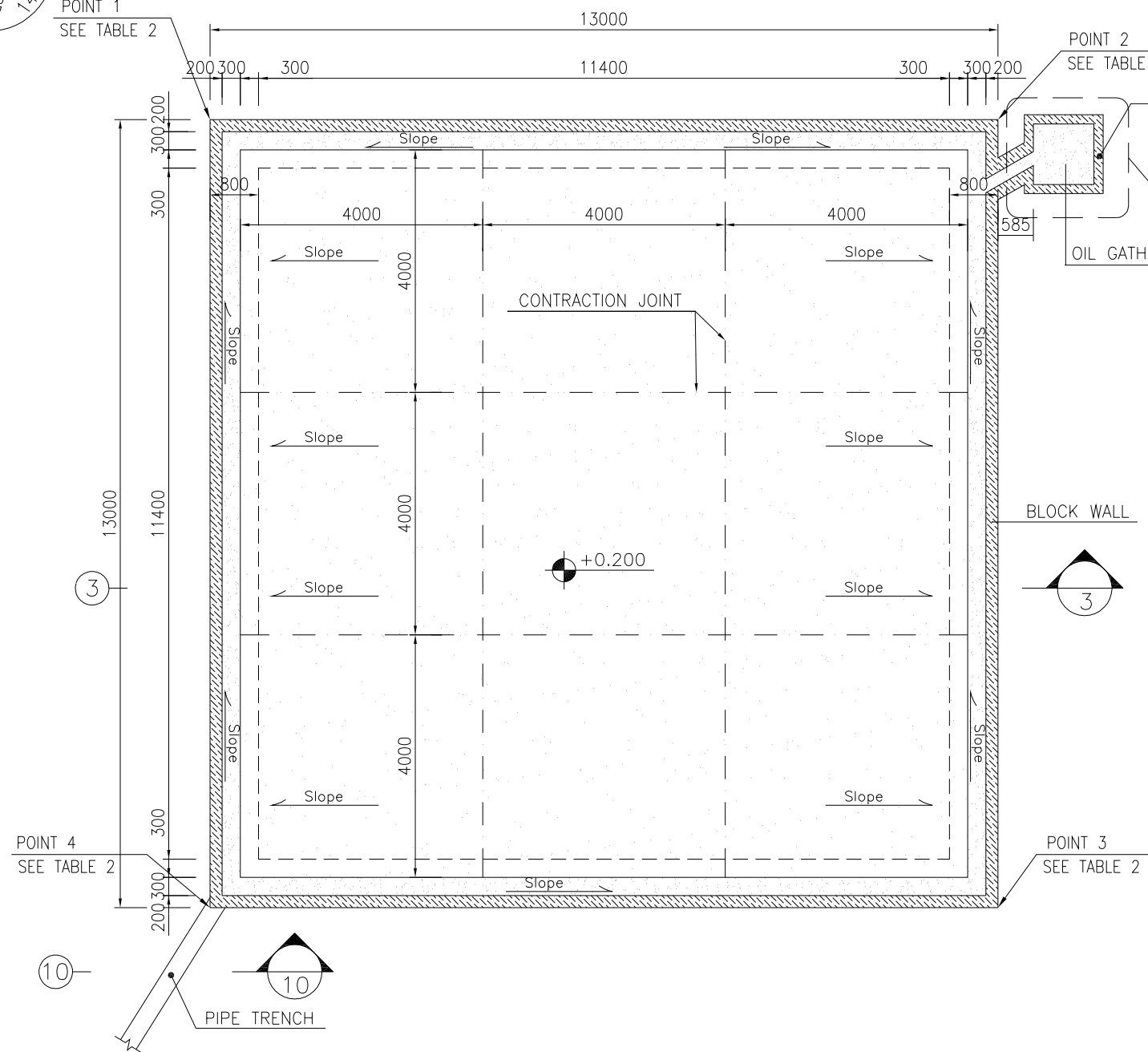
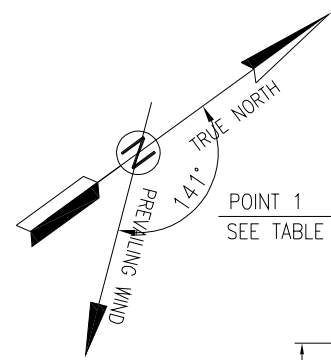
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES					
PROJECT NO.: 971020					
EPC CONTRACTOR:  HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			EPD/EPC CONTRACTOR(GC):  PETROIRAN DEVELOPMENT COMPANY		
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS–W028S RIG AND CELLAR SECTIONS – LISTOFER					
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.
AS SHOWN	A1	BK–W028–PEDCO–110–CV–PY–0002		05 OF 42	D07

NOTES					
1– ALL COORDINATES ARE IN METER. 2– ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER. 3– ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION. 4–ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK–GNRL–PEDCO–000–ST–SP–0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(ON CYLINDRICAL SPECIMEN) 5–ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK–GNRL–PEDCO–000–ST–SP–0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(ON CYLINDRICAL SPECIMEN) 6– REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm ² 7– MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm. 8– SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE: DENSITY : 4.1–5.1 gr/cm ³ THICKNESS :300–400 MICRON GLOSS : DULL SOLID MATERIAL PERCENTAGE BY WEIGHT :75%±2 SOLID MATERIAL PERCENTAGE BY VOLUME :48%±2 9–JOINT SEALANT MATERIALS SHALL BE WETHER–RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS–4254 FOR VERTICAL JOINTS IN WALLS. 10–CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m. 11–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: MSL 12–THE WATER POOL IS NOT CLIENT REQUIREMENT					
±0.00 = +31.00(R.G.L.)MSL					

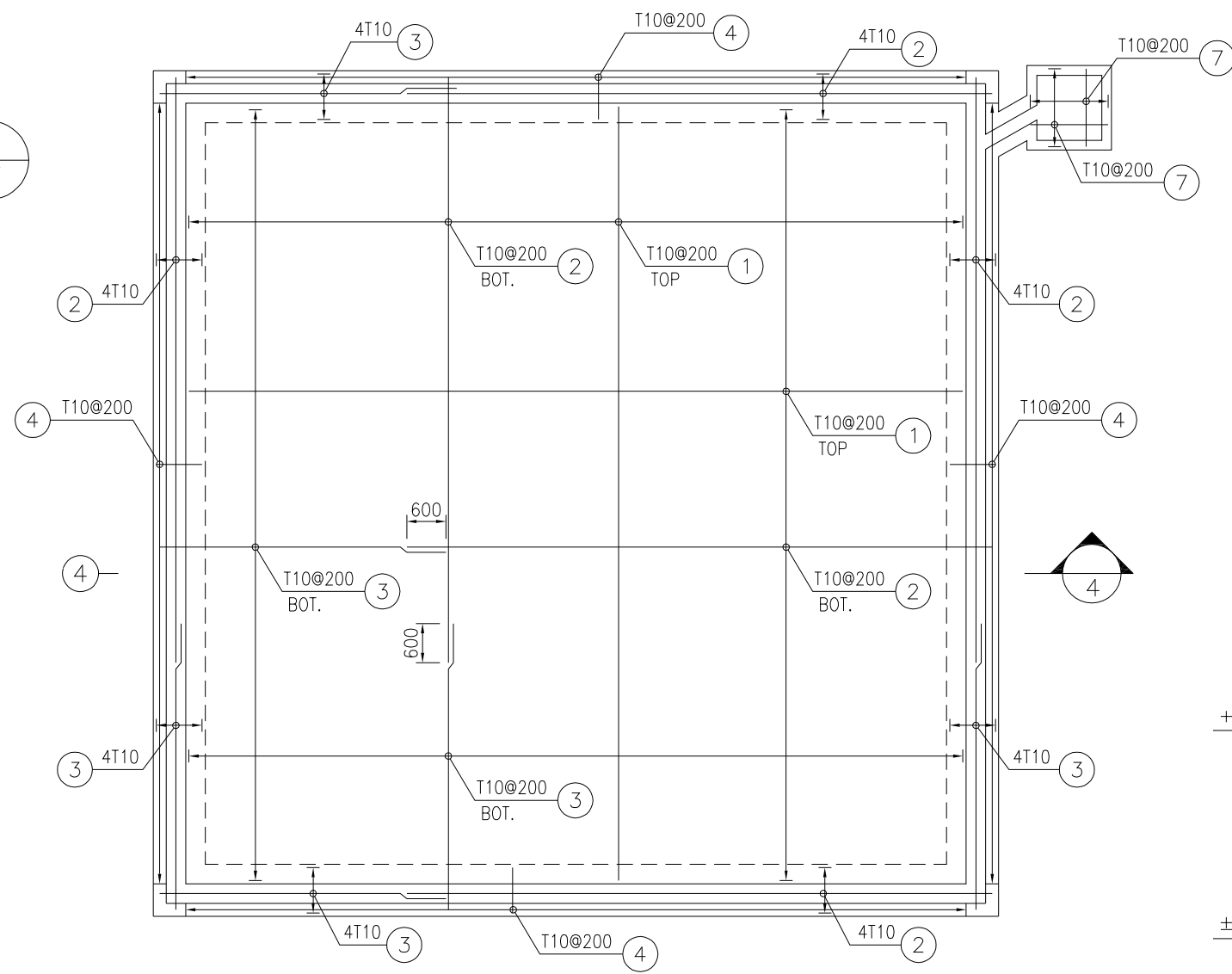
LEGEND AND ABBREVIATION			
	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
	GRAVEL	T.O.PIT	TOP OF PIT
	SUB GRADE	B.O.P.	BOTTOM OF PIPE
	SLOPE	R.G.L.	ROUGH GRADING LEVEL
REFERENCE DRAWING			
SPECIFICATION FOR FENCE & GATE		DRG. No.	
GENERAL NOTES – STEEL STRUCTURES		BK–GNRAL–PEDCO–000–ST–DW–0011	
GENERAL NOTES – REINFORCED CONCRETE STRUCTURES		BK–GNRAL–PEDCO–000–ST–DW–0012	
GENERAL CIVIL LAYOUT –W028		BK–W028–PEDCO–110–CV–PY–0001	
ROUGH GRADING PLANS –W028		BK–W028–PEDCO–110–CV–DW–0001	
STANDARD DRAWING FOR CULVERT & DETAILS		BK–GNRAL–PEDCO–000–CV–DW–0014	
STANDARD DETAILS OF MISCELLANEOUS ITEMS		BK–GNRAL–PEDCO–000–CV–DW–0040	
SPECIFICATION FOR EARTH WORK		BK–GNRAL–PEDCO–000–CV–SP–0004	
SPECIFICATION FOR ROAD & PAVING		BK–GNRAL–PEDCO–000–CV–SP–0002	



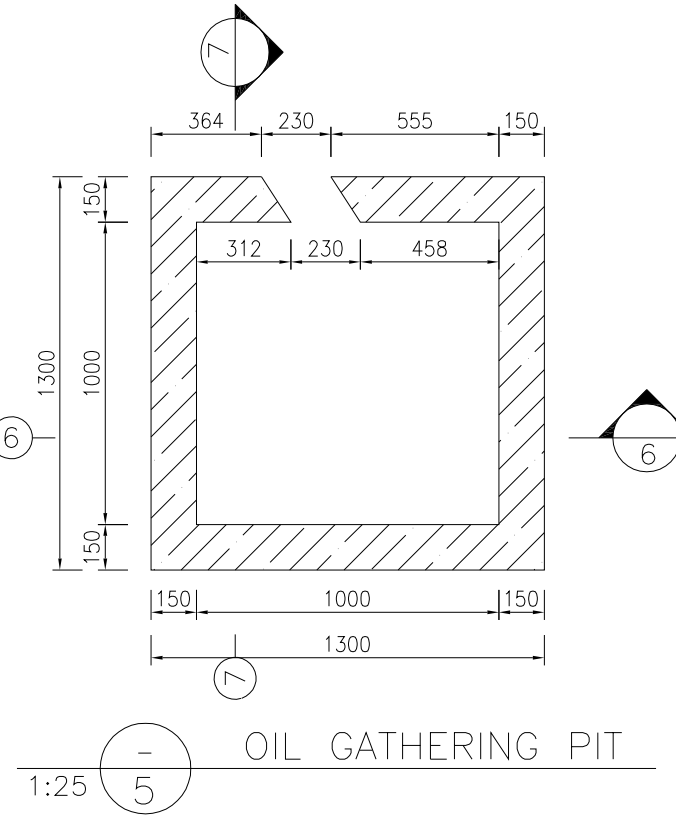
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REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.					
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BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 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	707548	5
				D07	



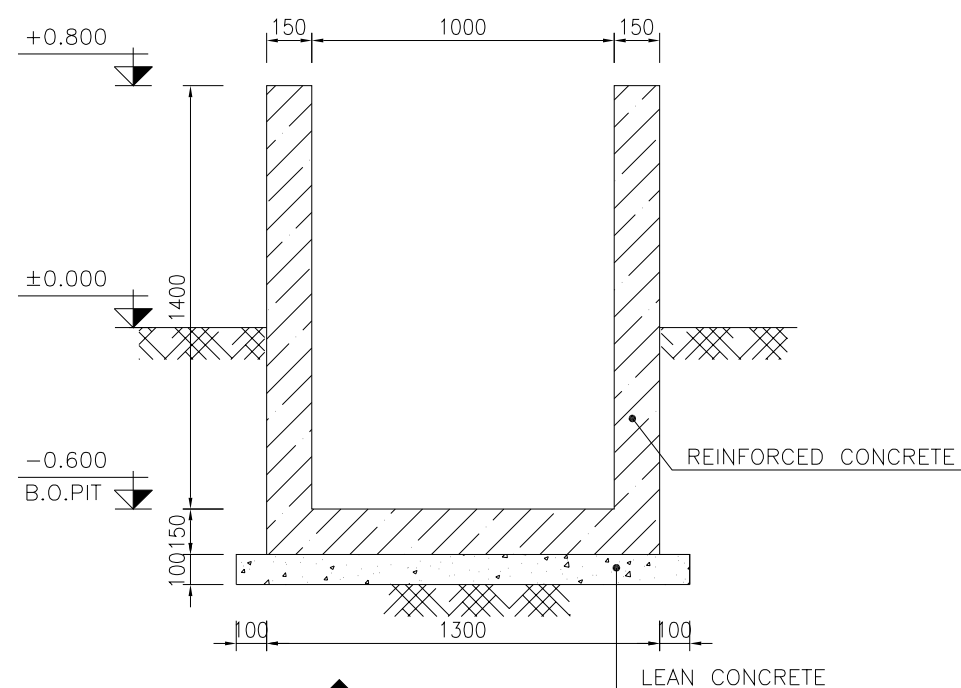
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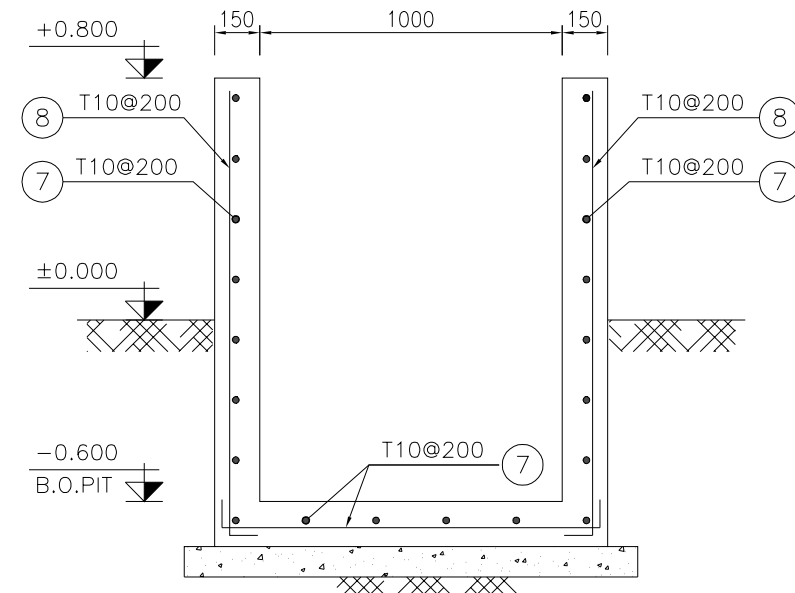
1:100 2 GAS OIL STORAGE FOUNDATION REINFORCEMENT



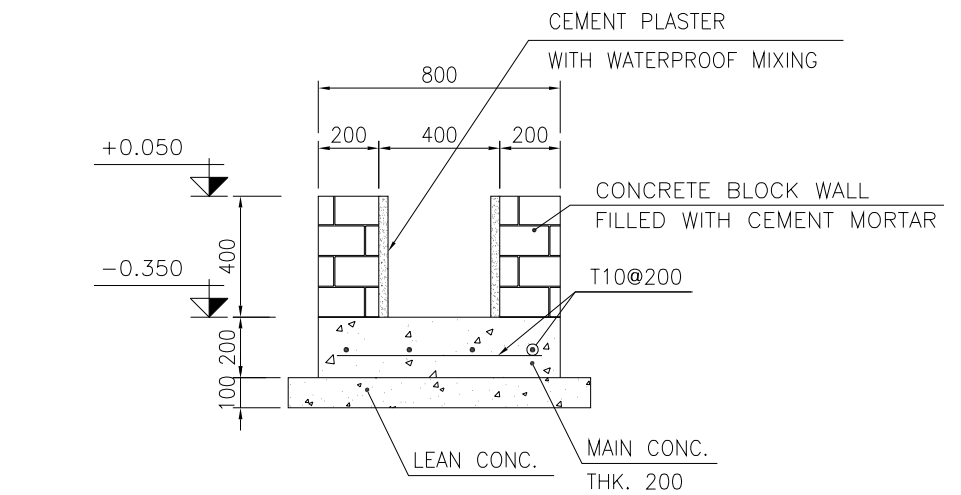
1:25 5 OIL GATHERING PIT



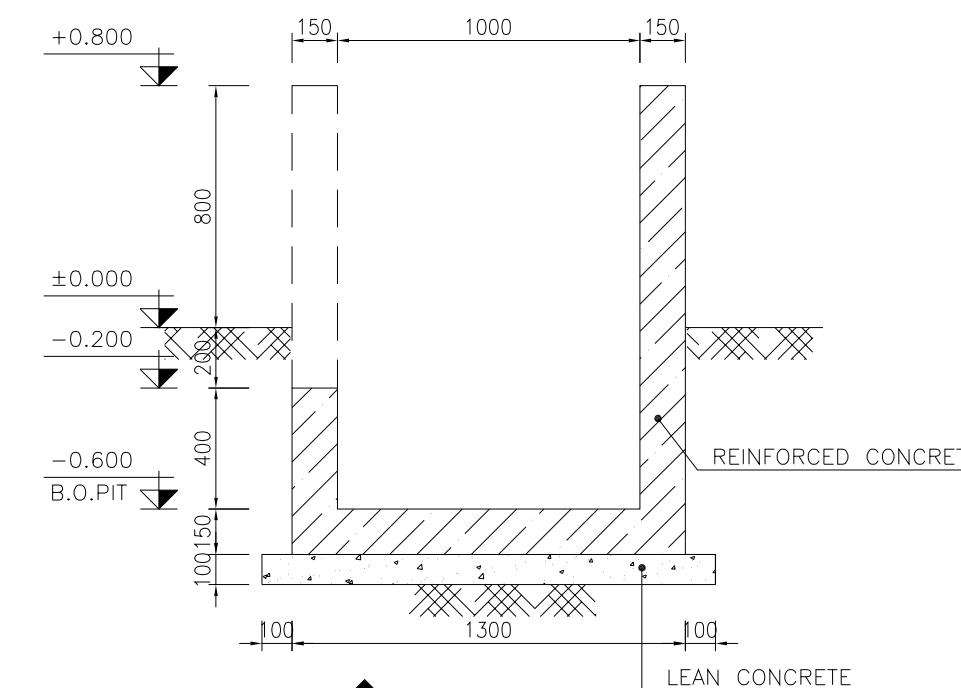
1:25 6 FORMWORK



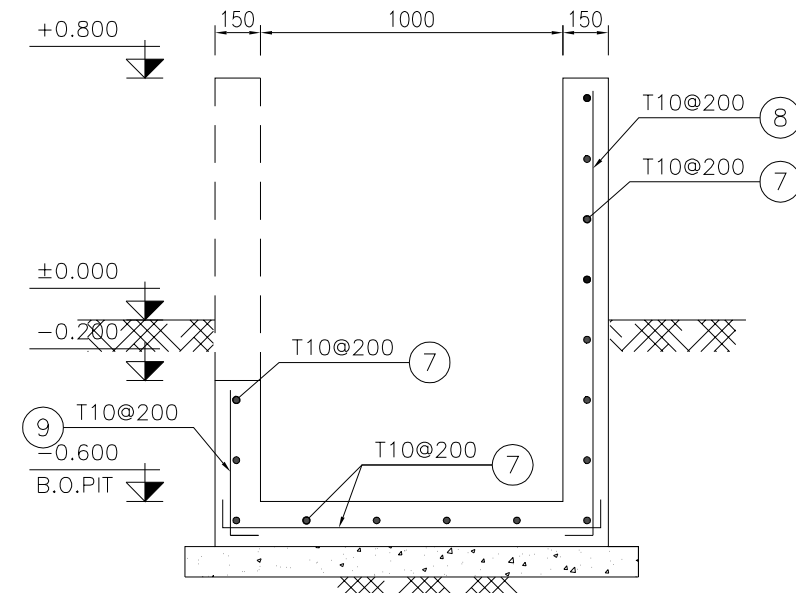
1:25 8 REINFORCEMENT



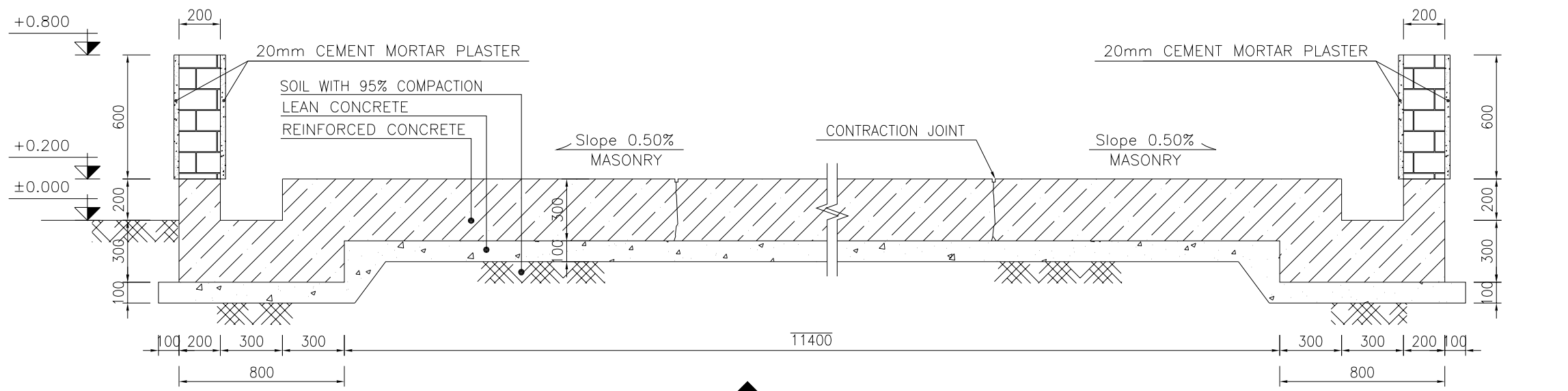
1:25 10 TYPICAL SECTION OF PIPE TRENCH



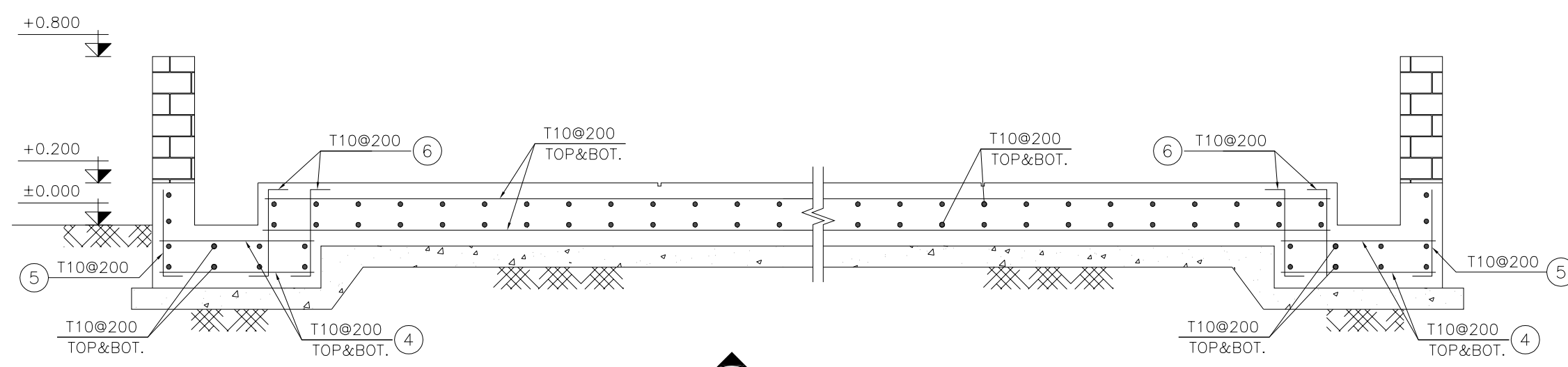
1:25 7 FORMWORK



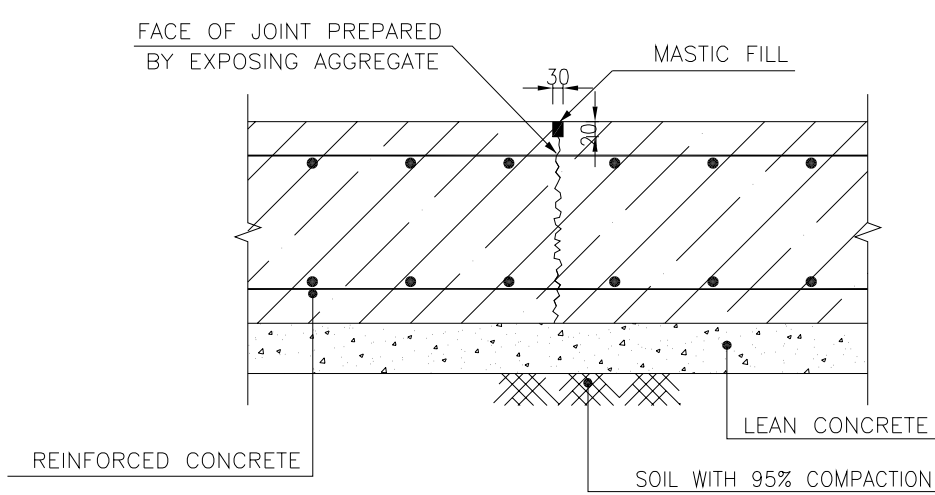
1:25 9 REINFORCEMENT



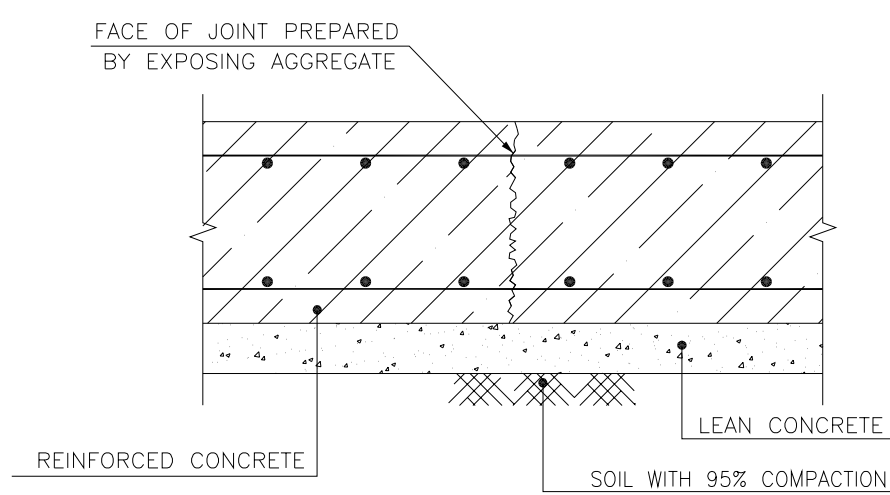
1:25 3 FORMWORK



1:25 4 REINFORCEMENT



N.T.S. 11 TYPICAL CONTRACTION JOINT EVERY 4000



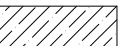
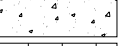
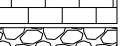
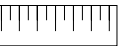
N.T.S. 12 TYPICAL CONSTRUCTION JOINT

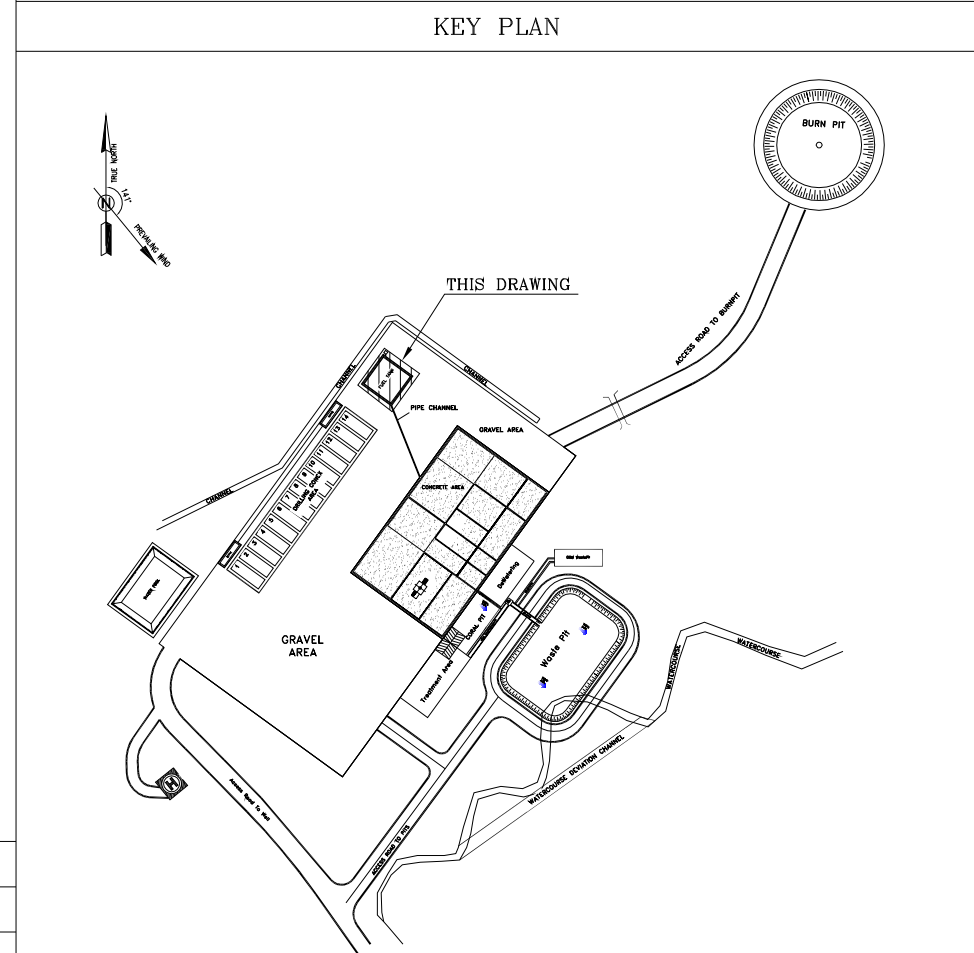
BAR BENDING SCHEDULE - GAS OIL STORAGE					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	11850	11.85	124	1469.4
2	T10	9000	9.00	140	1260.0
3	T10	4450	4.45	140	600.85
4	T10	650	0.65	480	312.00
5	T10	150 350	0.50	240	120.00
6	T10	150 350 150	0.65	480	312.00
7	T10	1150	1.15	37	42.55
8	T10	150 1400	1.55	34	52.70
9	T10	150 400	0.55	14	7.70
TOTAL LENGTH OR AREA (m)					4188.20
UNIT WEIGTH (Kg/m)					0.617
WEIGTH (Kg)					2577.34
GRAND TOTAL (Kg)					2580

TABLE 2 (CORNERS COORDINATES)			
POINT 1	E=437105.558	N=3293162.643	
POINT 2	E=437113.198	N=3293173.161	
POINT 3	E=437123.716	N=3293165.521	
POINT 4	E=437116.076	N=3293155.003	

D07	OCT.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IFC	R. BERLOUEI	M.PAKHARIAN	SH.GHALUKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES						
PROJECT NO.:						

NOTES					
1- ALL COORDINATES ARE IN METER.					
2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.					
3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.					
4-ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(ON CYLINDRICAL SPECIMEN)					
5-ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(ON CYLINDRICAL SPECIMEN)					
6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INB9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm ²					
7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.					
8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE: DENSITY : 4.1-5.1 gr/cm ³ THICKNESS :300-400 MICRON GLOSS : DULL SOLID MATERIAL PERCENTAGE BY WEIGHT :75%±2 SOLID MATERIAL PERCENTAGE BY VOLUME :48%±2					
9-JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS.					
10-CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.					
11-GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW: HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39 ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84) MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM) VERTICAL DATUM: MSL					
12-THE WATER POOL IS NOT CLIENT REQUIREMENT					
±0.00 = +31.00(R.G.L.)MSL					

LEGEND AND ABBREVIATION			
	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
	GRAVEL	T.O.PIT	TOP OF PIT
	SUB GRADE	B.O.P.	BOTTOM OF PIPE
	SLOPE	R.G.L.	ROUGH GRADING LEVEL
REFERENCE DRAWING			
SPECIFICATION FOR FENCE & GATE			
GENERAL NOTES - STEEL STRUCTURES			
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES			
GENERAL CIVIL LAYOUT -W028			
ROUGH GRADING PLANS -W028			
STANDARD DRAWING FOR CULVERT & DETAILS			
STANDARD DETAILS OF MISCELLANEOUS ITEMS			
SPECIFICATION FOR EARTH WORK			
SPECIFICATION FOR ROAD & PAVING			



***	*****	** **	*** ****	** **	*** ****
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 W028 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	707548	6
					D07

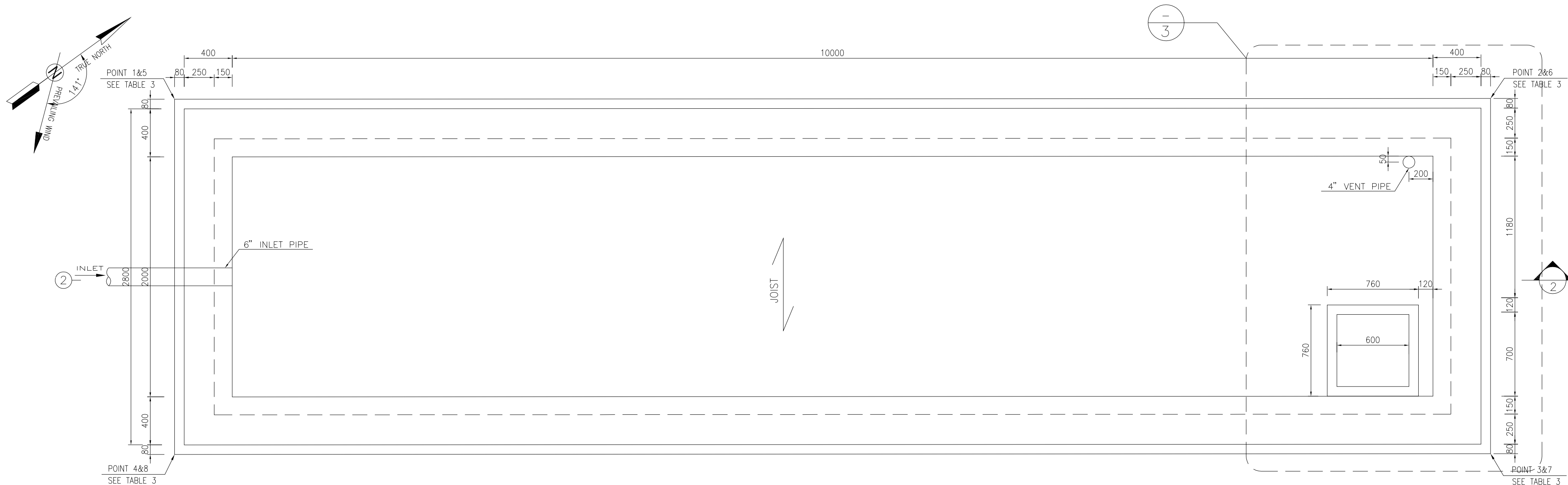
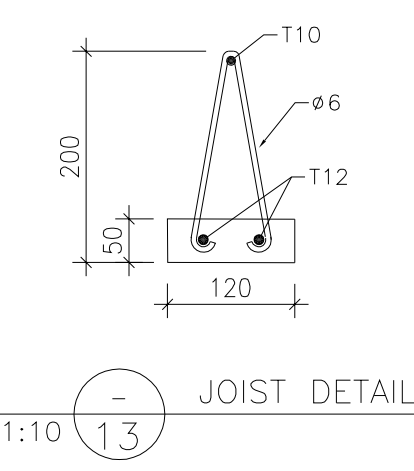
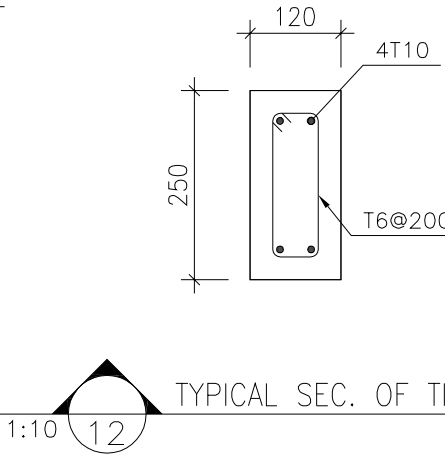
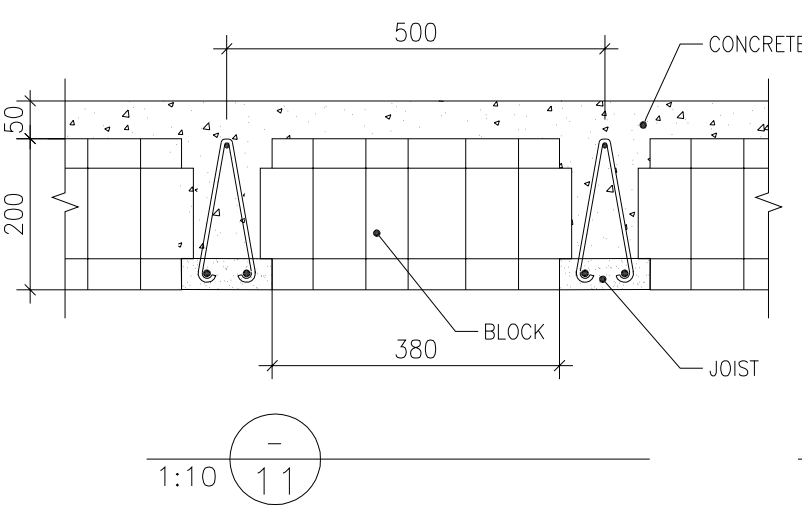
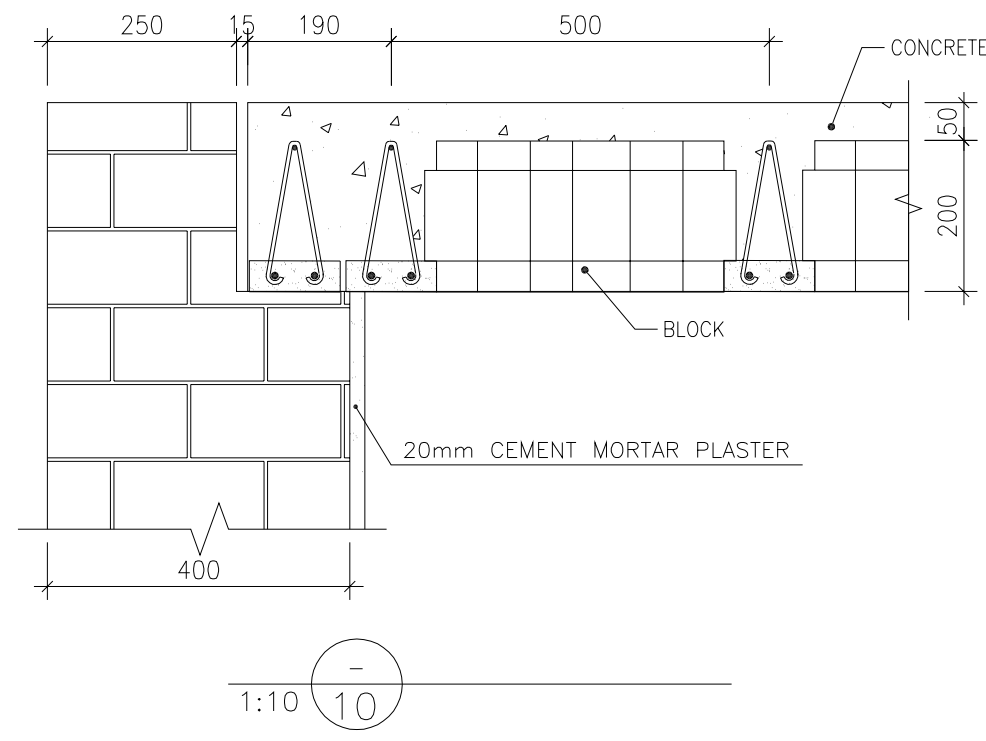
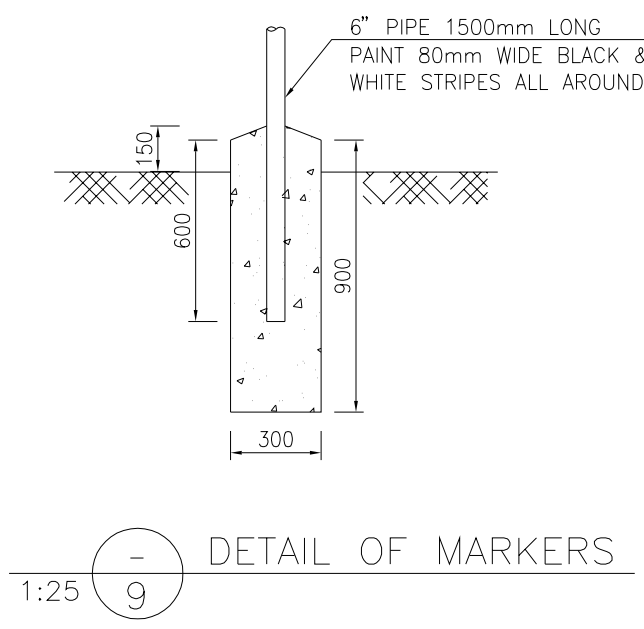
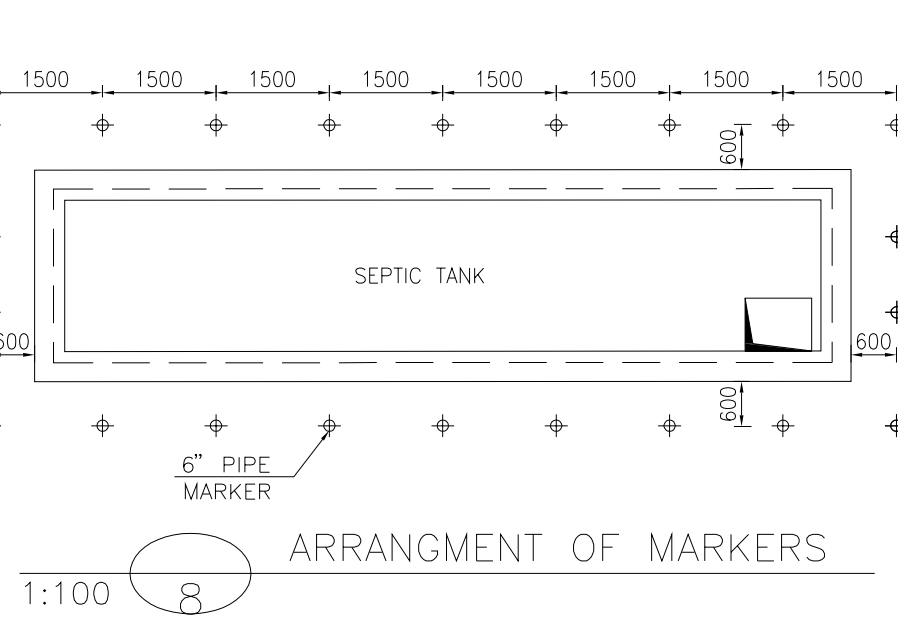
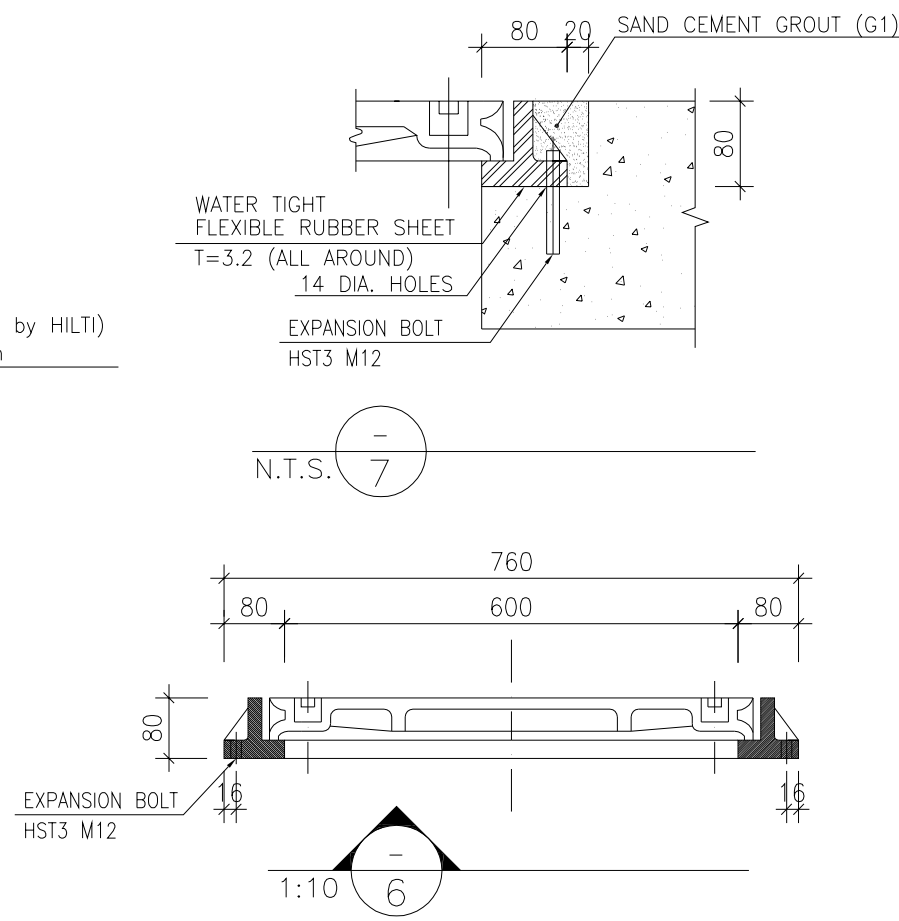
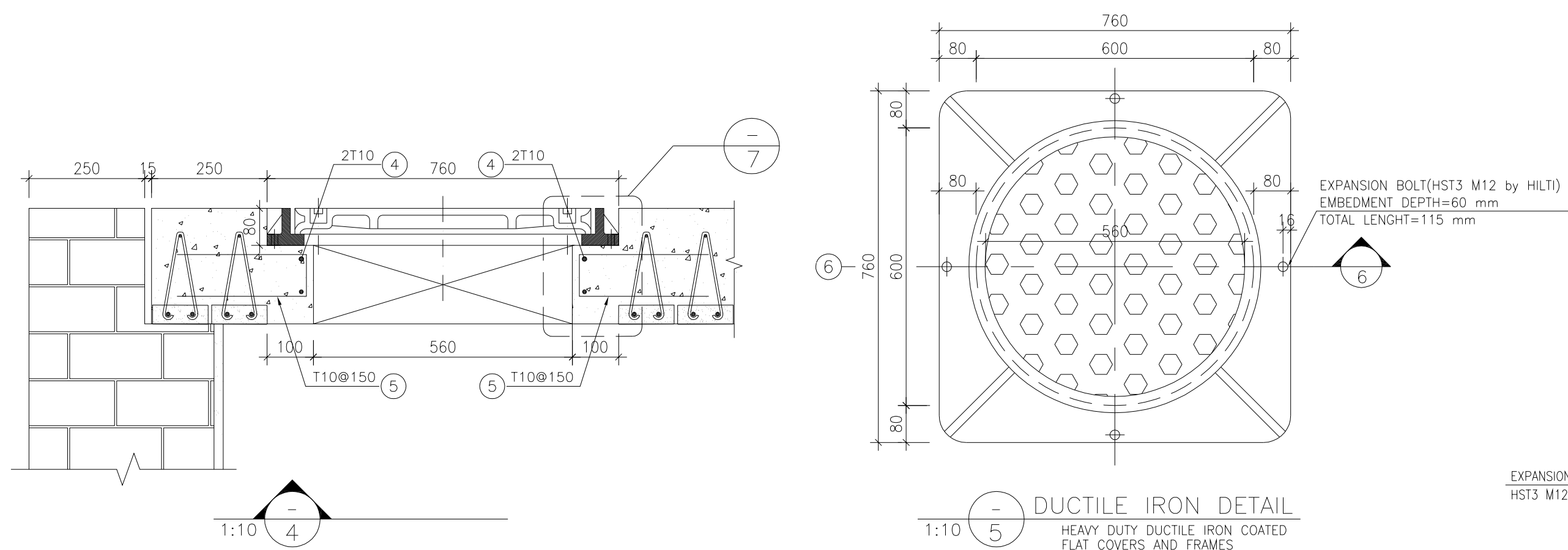
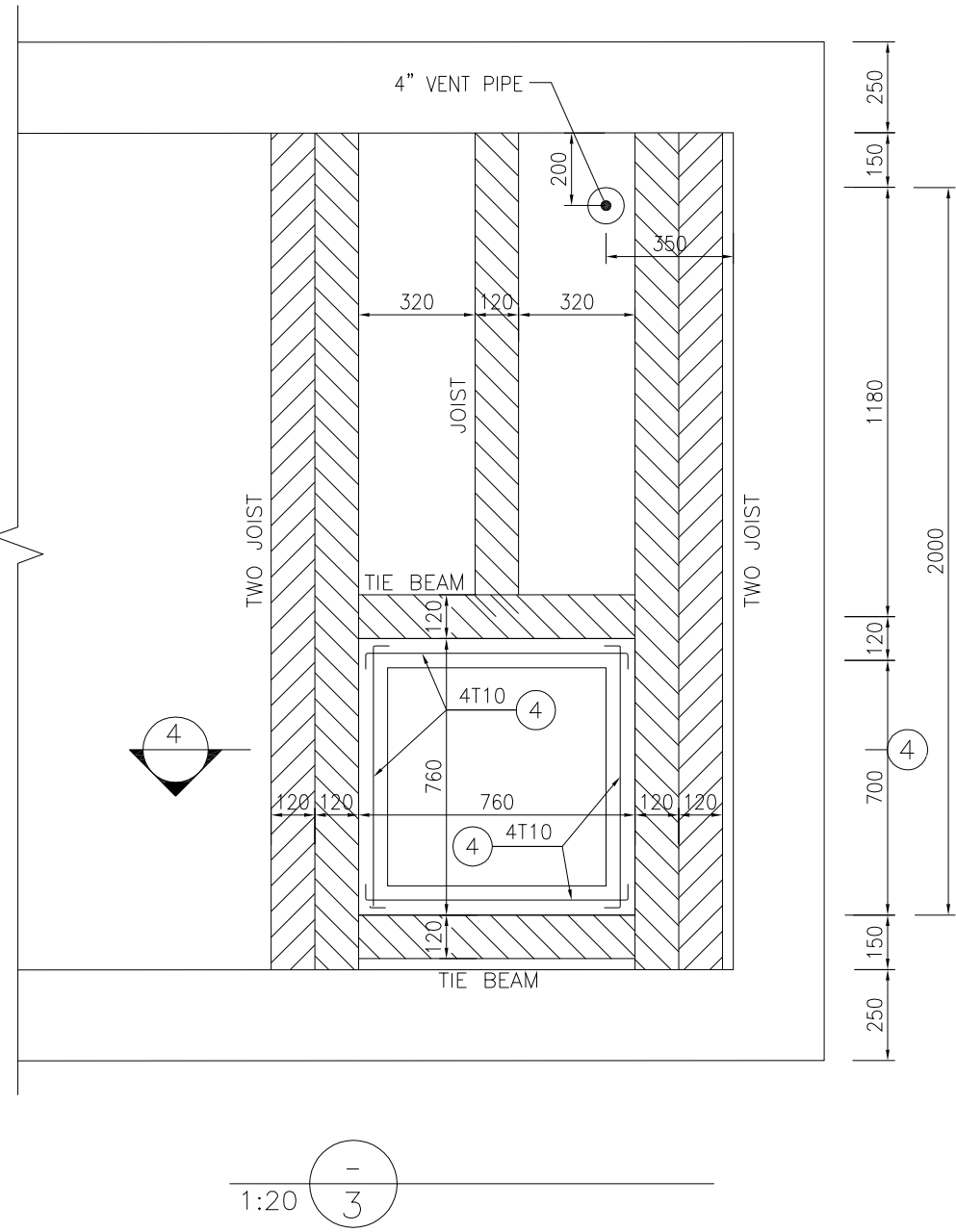
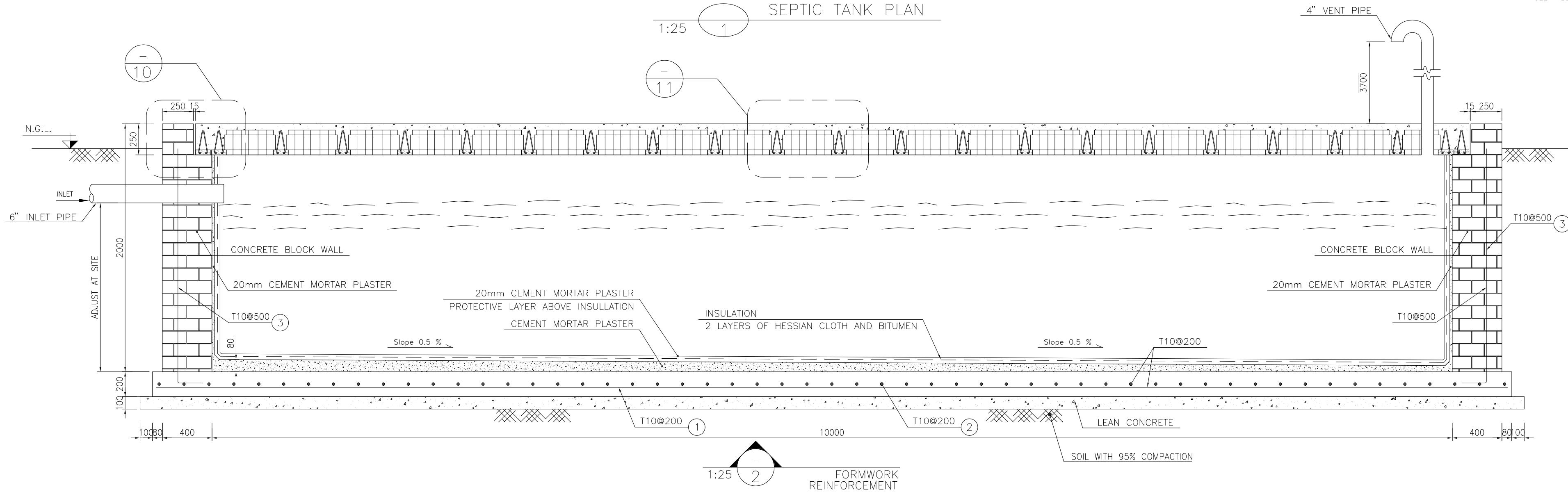


TABLE 3 (CORNERS COORDINATES)		
POINT 1	E=437090.383	N=3293148.353
POINT 2	E=437096.825	N=3293157.221
POINT 3	E=437099.219	N=3293155.480
POINT 4	E=437092.777	N=3293146.612
POINT 5	E=437054.638	N=3293099.141
POINT 6	E=437061.079	N=3293108.008
POINT 7	E=437063.473	N=3293106.267
POINT 8	E=437057.032	N=3293097.400



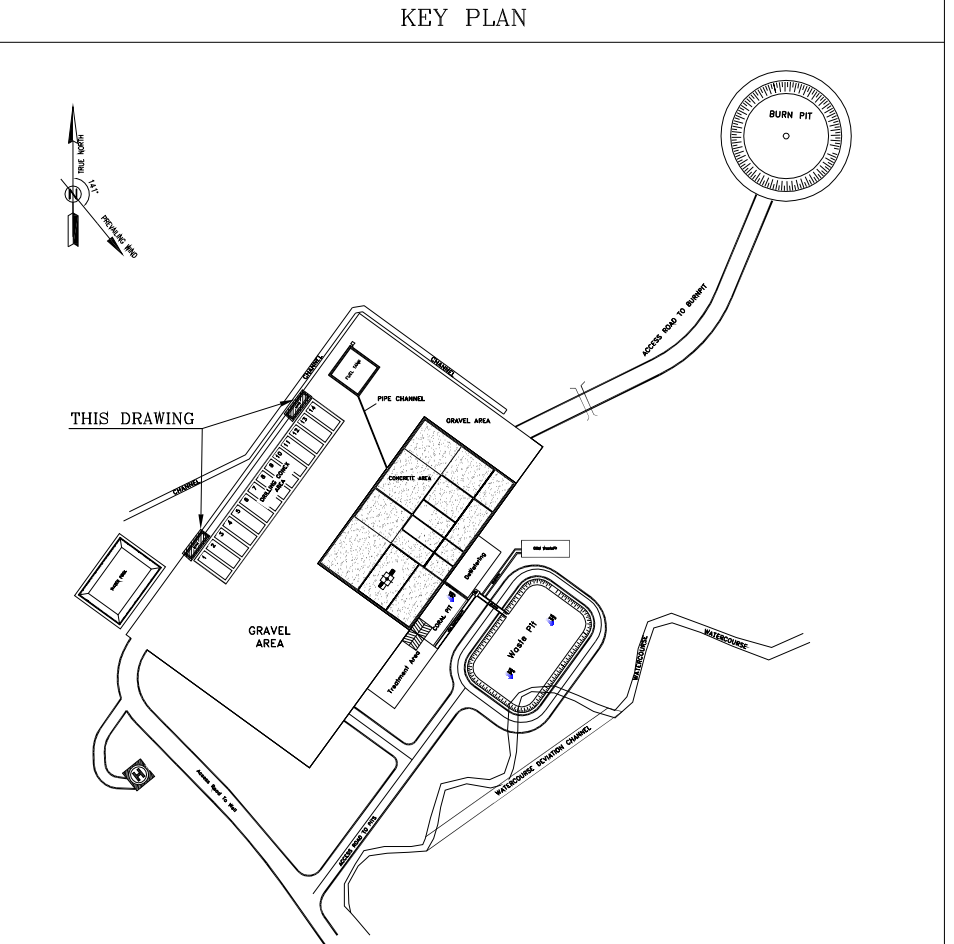
BAR BENDING SCHEDULE - SEPTIC TANK						
Pos	Spec.	Shape	L/A	No.	T10	
1	T10	10800	10.80	14	151.20	
2	T10	2800	2.80	18	50.40	
3	T10	150 2050	2.20	52	114.40	
4	T10	150 600 150	0.90	8	7.20	
5	T10	90 280 280	0.65	20	13.0	
TOTAL LENGTH OR AREA (m/m2)					336.20	
UNIT WEIGTH (Kg)					0.617	
WEIGTH (Kg)					207.44	
GRAND TOTAL (Kg)					210	

D07	OCT.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IFC	R. BERLOUEI	M.PAKHARIAN	SH.GHAJIKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES						
PROJECT NO.:			971020			
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):			
 			 PETROIRAN DEVELOPMENT COMPANY			
HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			PEDCO			
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S SEPTIC TANK FORMWORK & REINFORCEMENT PLAN-SECTION						
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			07 OF 42	D07

NOTES					
1- ALL COORDINATES ARE IN METER.					
2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.					
3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.					
4-ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(ON CYLINDRICAL SPECIMEN)					
5-ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(ON CYLINDRICAL SPECIMEN)					
6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INB9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm ²					
7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.					
8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR: BASED ON No.3758 NATIONAL STANDARD CODE: DENSITY : 4.1-5.1 gr/cm ³ THICKNESS :300-400 MICRON GLOSS : DULL SOLID MATERIAL PERCENTAGE BY WEIGHT :75%±2 SOLID MATERIAL PERCENTAGE BY VOLUME :48%±2					
9-JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS.					
10-CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.					
11-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: MSL					
12-THE WATER POOL IS NOT CLIENT REQUIREMENT					
±0.00 = +31.00(R.G.L.)MSL					

LEGEND AND ABBREVIATION		
	REINFORCED CONCRETE	T.O.F. TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W. TOP OF WALL
	CEMENT BLOCK WALL	T.O.C. TOP OF CONCRETE
	GRAVEL	T.O.PIT TOP OF PIT
	SUB GRADE	B.O.P. BOTTOM OF PIPE
	SLOPE	R.G.L. ROUGH GRADING LEVEL

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT -W028	BK-W028-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W028	BK-W028-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SP-0002



***	*****	***	*****	***	*****	*****	
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 CUSTODY THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS							
BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 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	707548	7	D07	

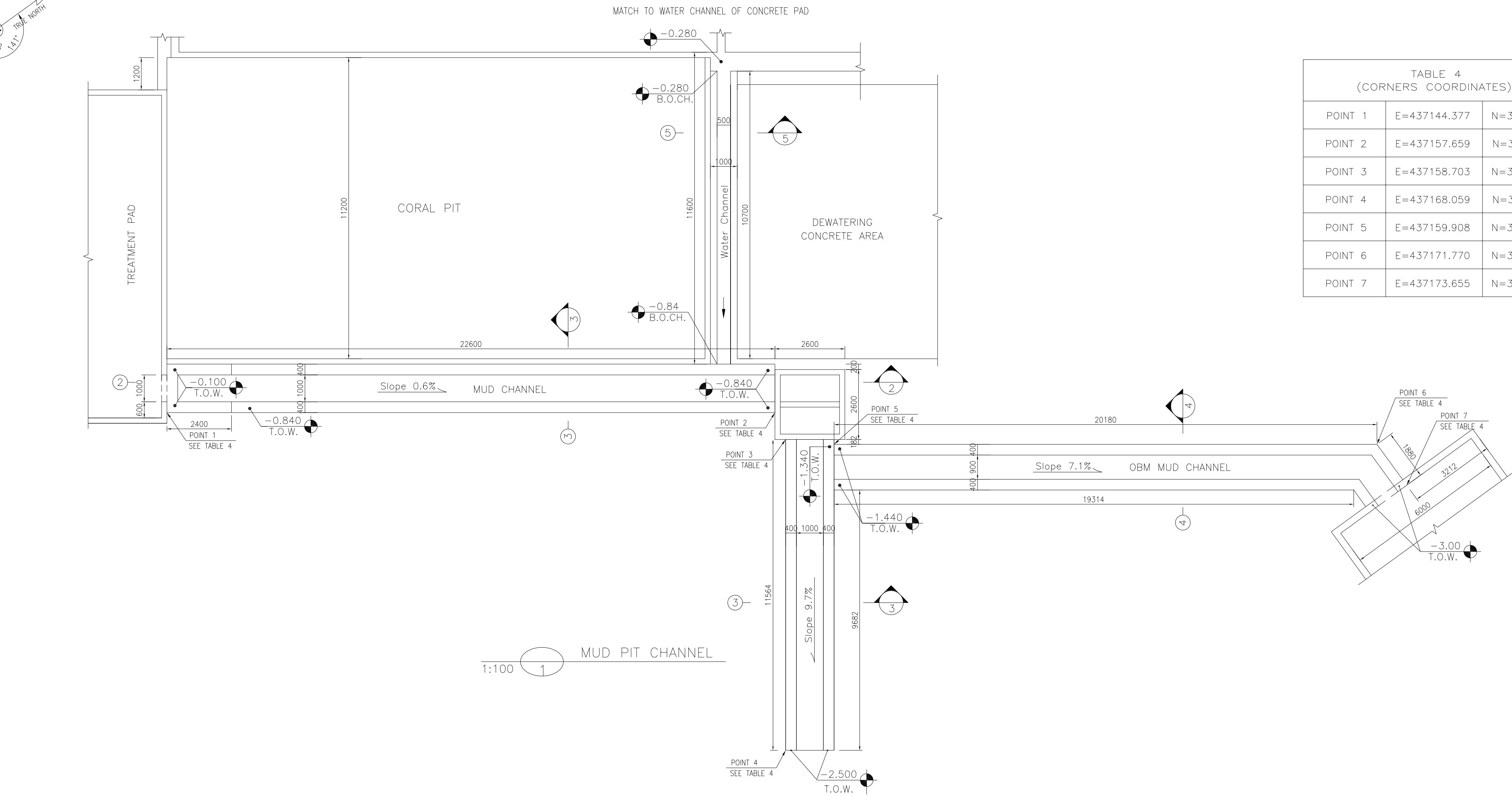
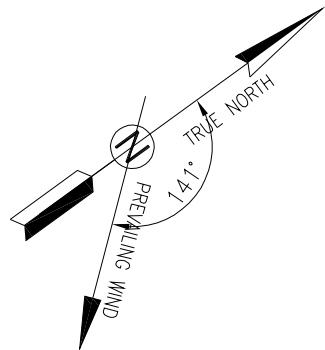
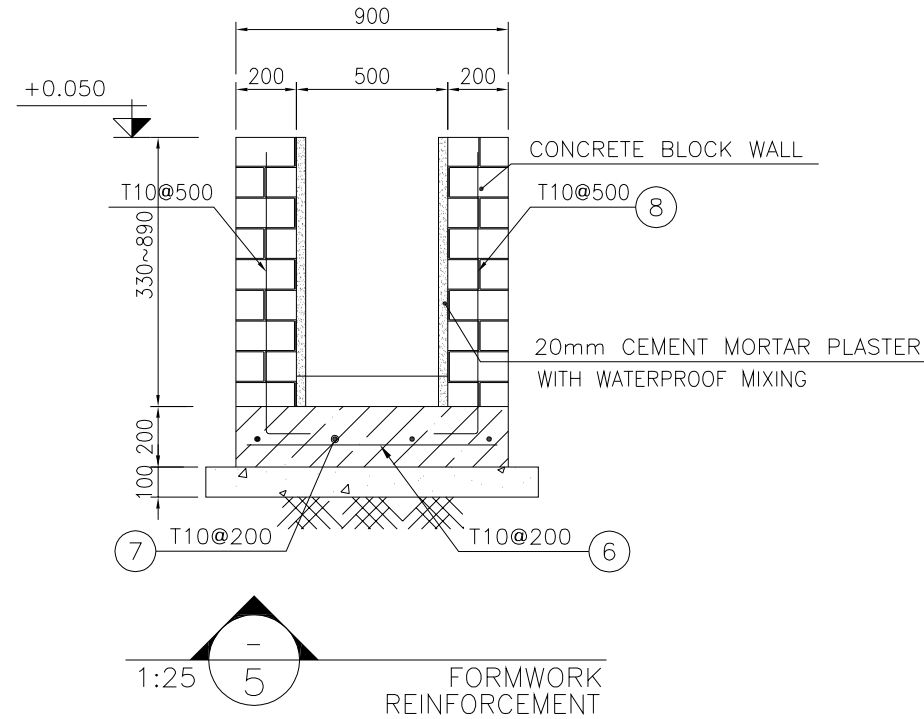
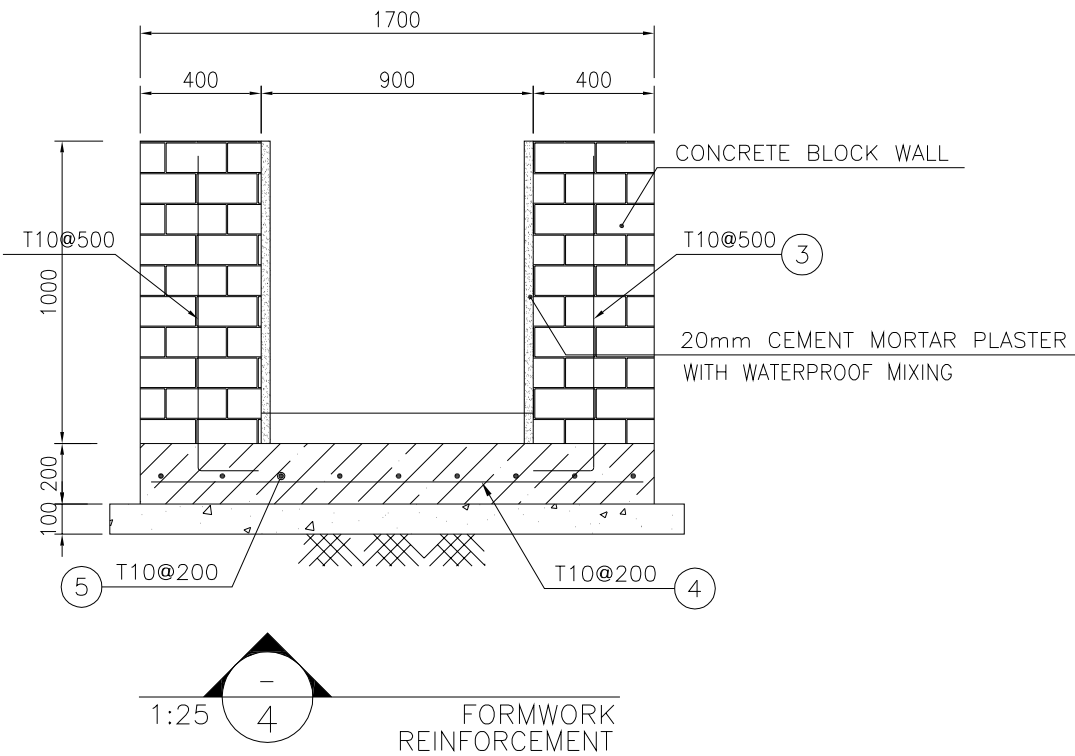
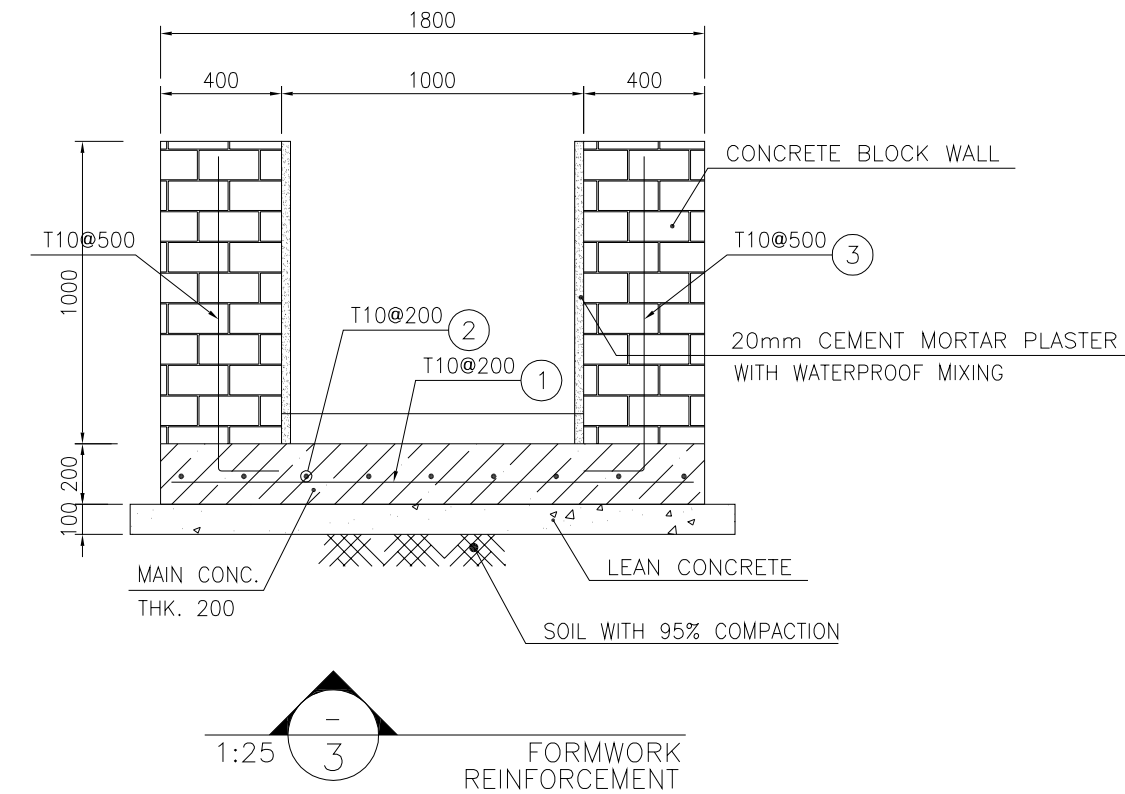
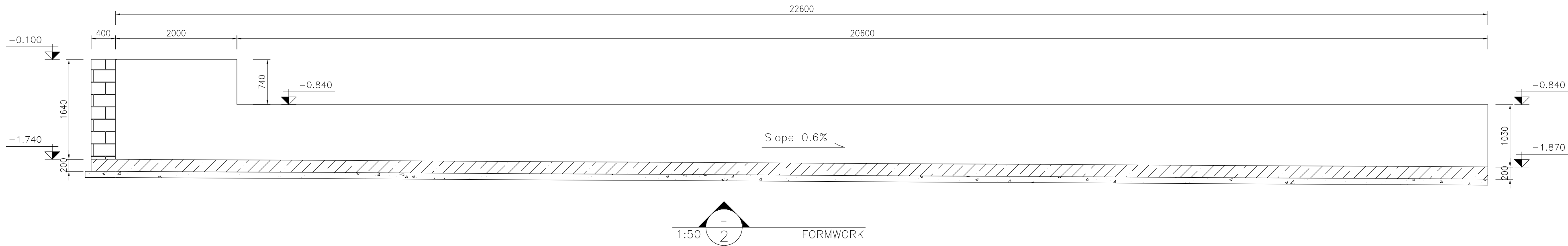


TABLE 4 (CORNERS COORDINATES)		
POINT 1	E=437144.377	N=3293065.665
POINT 2	E=437157.659	N=3293083.951
POINT 3	E=437158.703	N=3293083.687
POINT 4	E=437168.059	N=3293076.891
POINT 5	E=437159.908	N=3293085.036
POINT 6	E=437171.770	N=3293101.370
POINT 7	E=437173.655	N=3293101.367

NOTES
1- ALL COORDINATES ARE IN METER.
2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa (ON CYLINDRICAL SPECIMEN)
5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa (ON CYLINDRICAL SPECIMEN)
6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI 3132 AND IN BC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm ²
7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR: BASED ON No. 3758 NATIONAL STANDARD CODE: DENSITY : 4.1-5.1 gr/cm ³ THICKNESS : 300-400 MICRON GLOSS : DULL SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2 SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
9- JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS.
10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW: HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39 ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84) MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM) VERTICAL DATUM: MSL
12- THE WATER POOL IS NOT CLIENT REQUIREMENT
±0.00 = +31.00(R.G.L.)MSL

LEGEND AND ABBREVIATION			
	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
	GRAVEL	T.O.PIT	TOP OF PIT
	SUB GRADE	B.O.P.	BOTTOM OF PIPE
	SLOPE	R.G.L.	ROUGH GRADING LEVEL

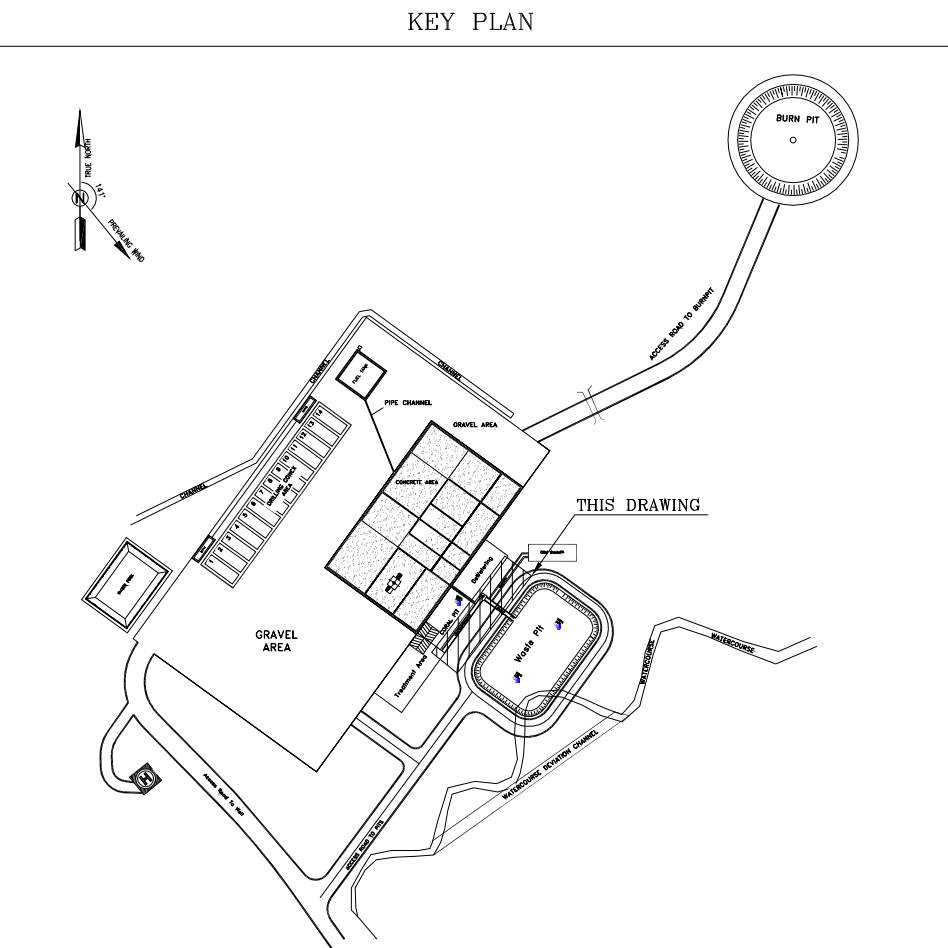
REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT - W028	BK-W028-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS - W028	BK-W028-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SP-0002



BAR BENDING SCHEDULE - SEPTIC TANK					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	1700	1.70	170	289.0
2	T10	320.0	-	320.0	-
3	T10	150 1100	1.25	224	280.0
4	T10	1600	1.60	101	161.6
5	T10	180.0	-	180.0	-
6	T10	800	0.80	55	44.0
7	T10	10600	10.6	5	53.0
8	T10	150 400-800	-	46	34.50
TOTAL LENGTH OR AREA (m/m ²)					1329.70
UNIT WEIGHT (Kg)					0.617
WEIGHT (Kg)					820.42
GRAND TOTAL (Kg)					820.

D07	OCT-2022	IFA	R. BERLOUEI	M. PAKHARIAN	M. MEHRSHAD	***
D06	AUG-2022	IFA	R. BERLOUEI	M. PAKHARIAN	M. MEHRSHAD	***
D05	JUL-2022	IFA	R. BERLOUEI	M. PAKHARIAN	M. MEHRSHAD	***
D04	JUN-2022	IFA	R. BERLOUEI	M. PAKHARIAN	M. MEHRSHAD	***
D03	MAY-2022	IFA	R. BERLOUEI	M. PAKHARIAN	M. MEHRSHAD	***
D02	MAR-2022	IFA	R. BERLOUEI	M. PAKHARIAN	M. MEHRSHAD	***
D01	NOV-2021	IFA	R. BERLOUEI	M. PAKHARIAN	M. MEHRSHAD	***
D00	OCT-2021	IPC	R. BERLOUEI	M. PAKHARIAN	SH. GHAIKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES			
PROJECT NO.: 971020			
EPC CONTRACTOR:		EPD/EPC CONTRACTOR(GC):	
 HURGAN ENERGY - DESIGN & INSPECTION COMPANIES		 PETROIRAN DEVELOPMENT COMPANY	
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S MUD PIT CHANNEL FORMWORK & REINFORCEMENT PLAN-SECTION			
SCALE	SIZE	DRAWING NO.	SHEET NO.
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002	08 OF 42



***	*****	***	*****	***	*****
REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
اصل و کليه 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 W028 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	707548	D07

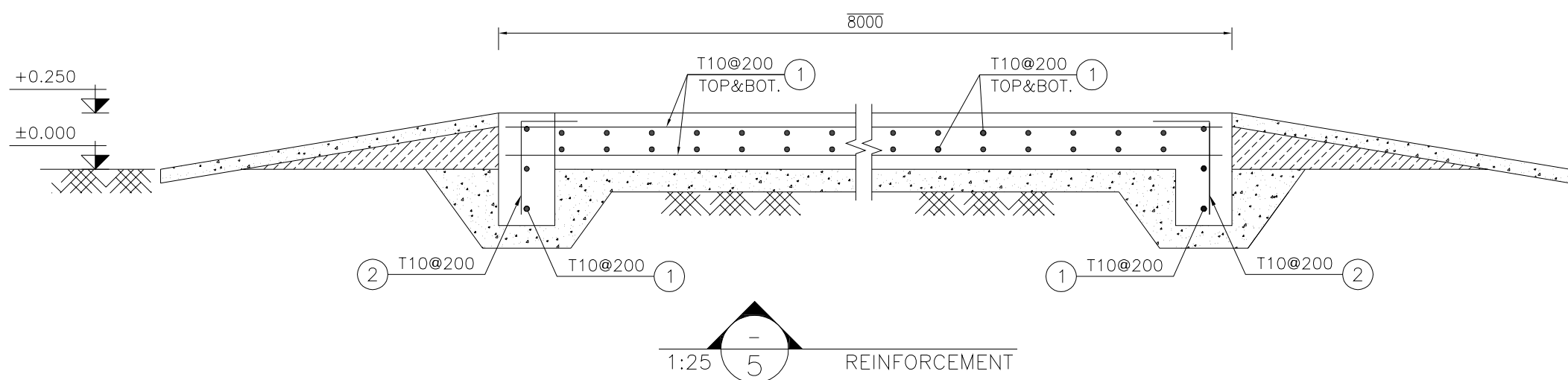
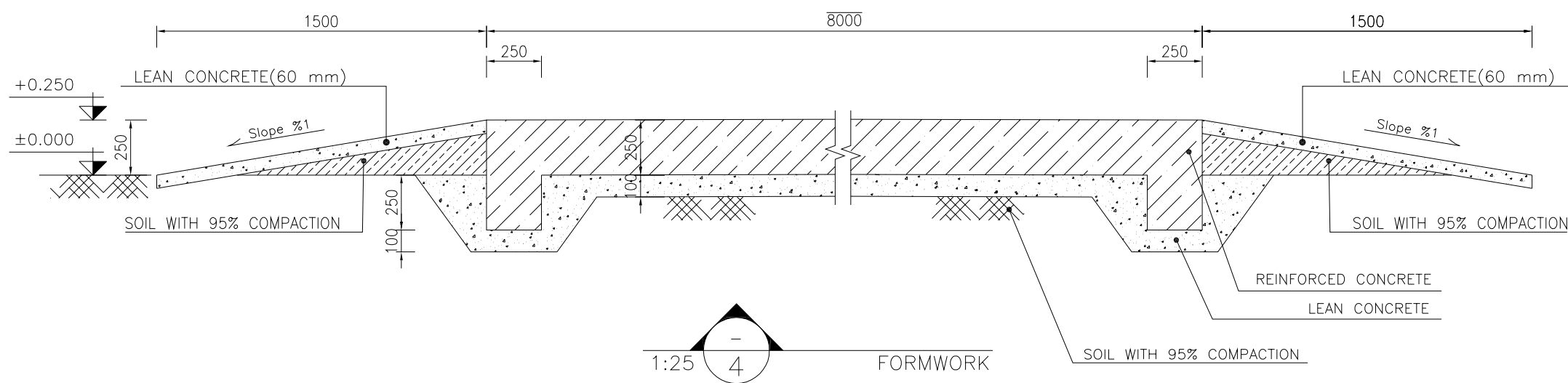
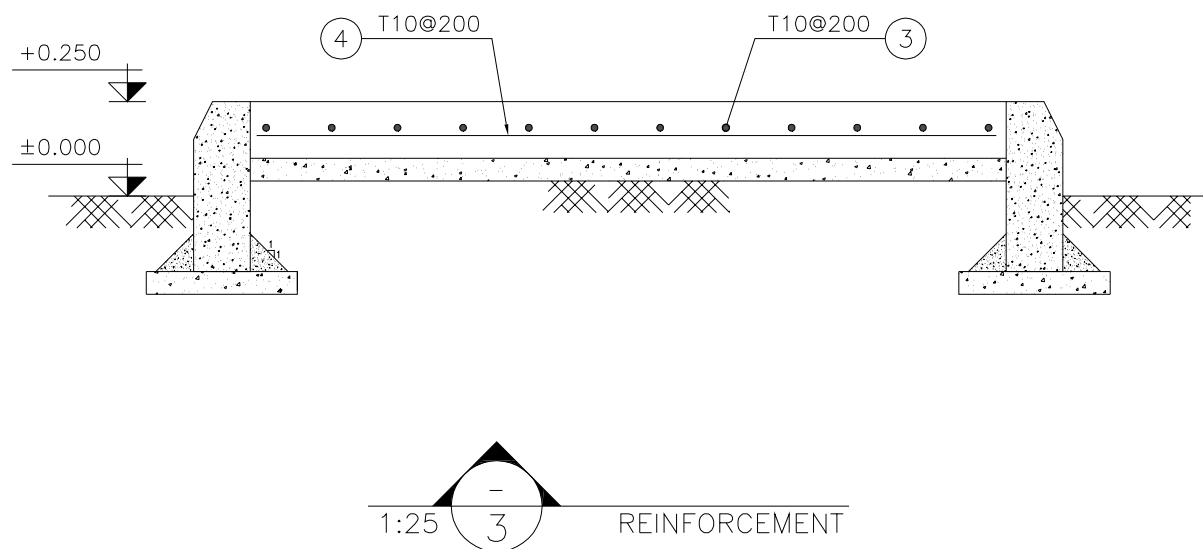
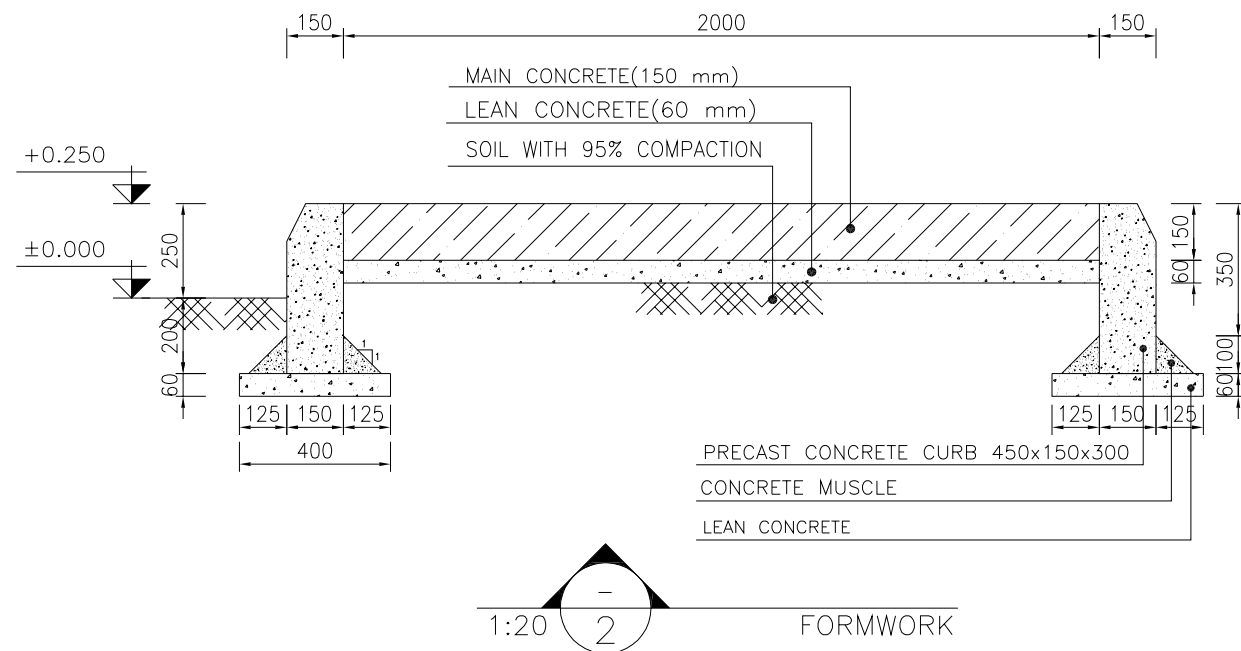
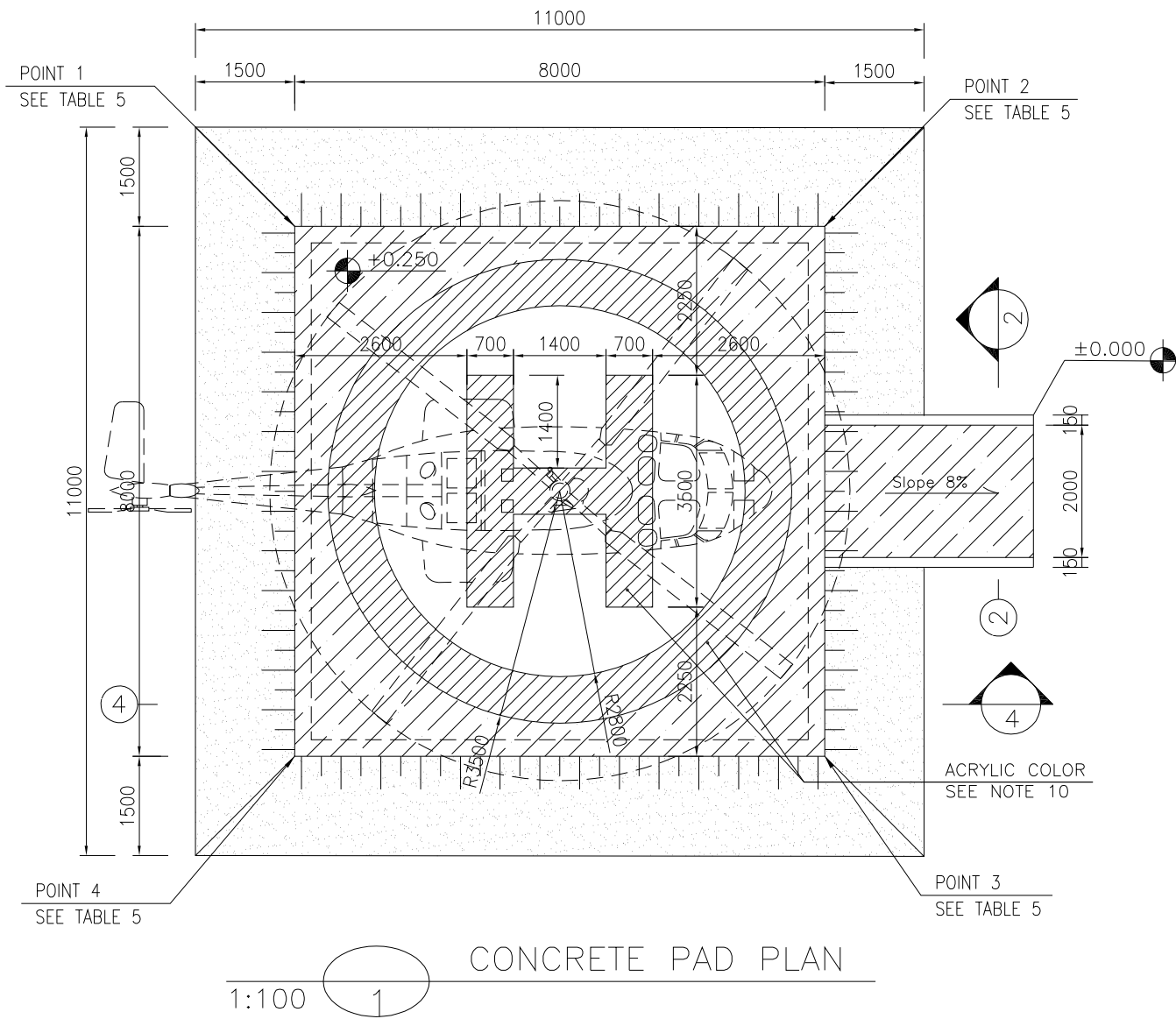
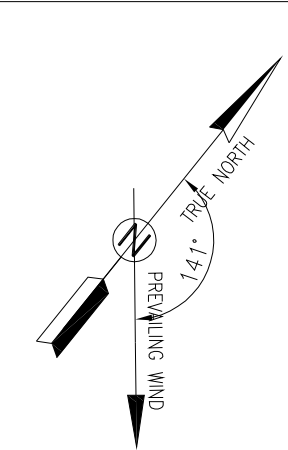
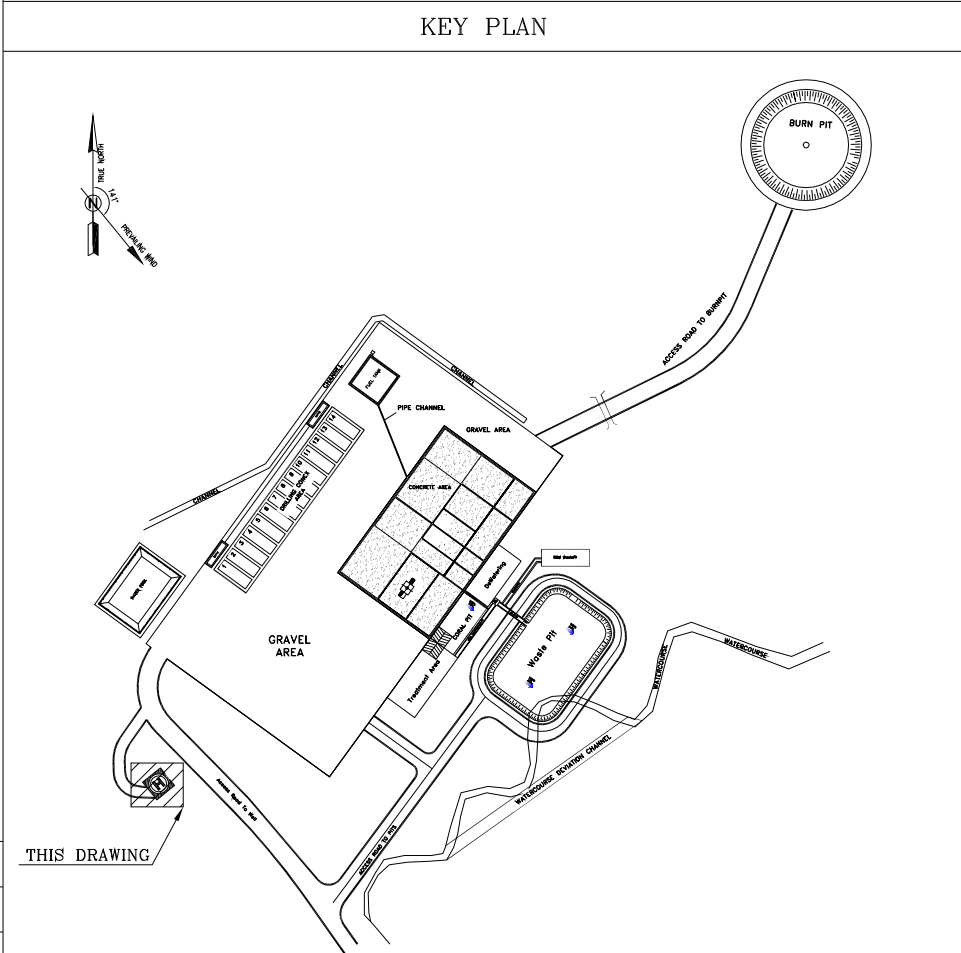


TABLE 5 (CORNERS COORDINATES)		
POINT 1	E=437032.963	N=3293022.272
POINT 2	E=437039.195	N=3293027.288
POINT 3	E=437044.212	N=3293021.057
POINT 4	E=437037.980	N=3293016.040

- NOTES
- 1- ALL COORDINATES ARE IN METER.
 - 2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
 - 3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
 - 4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa (ON CYLINDRICAL SPECIMEN)
 - 5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa (ON CYLINDRICAL SPECIMEN)
 - 6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm²
 - 7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
 - 8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm³
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
 - 9- JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS.
 - 10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
 - 11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
 - 12- THE WATER POOL IS NOT CLIENT REQUIREMENT
- ±0.00 = +32.00(R.G.L.)MSL

LEGEND AND ABBREVIATION			
	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
	GRAVEL	T.O.PIT	TOP OF PIT
	SUB GRADE	B.O.P.	BOTTOM OF PIPE
	SLOPE	R.G.L.	ROUGH GRADING LEVEL

BAR BENDING SCHEDULE - CONCRETE PAD					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	7850	7.85	164	1287.4
2	T10	150 350	0.50	156	78.0
3	T10	3000	3.00	11	33.0
4	T10	1850	1.85	15	27.75
TOTAL LENGTH OR AREA (m/m2)					1426.15
UNIT WEIGHTH (Kg)					0.617
WEIGHTH (Kg)					879.93
GRAND TOTAL (Kg)					880



D07	OCT.2022	IPA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	** **
D06	AUG.2022	IPA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	** **
D05	JUL.2022	IPA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	** **
D04	JUN.2022	IPA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	** **
D03	MAY.2022	IPA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	** **
D02	MAR.2022	IPA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	** **
D01	NOV.2021	IPA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	** **
D00	OCT.2021	IPC	R. BERLOUEI	M.PAKHARIAN	SH.GHALUKAR	** **

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES

PROJECT NO.: 971020

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S
HELIPAD FORMWORK & REINFORCEMENT PLAN-SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002	09 OF 42	D07

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

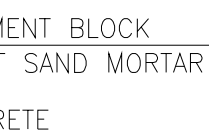
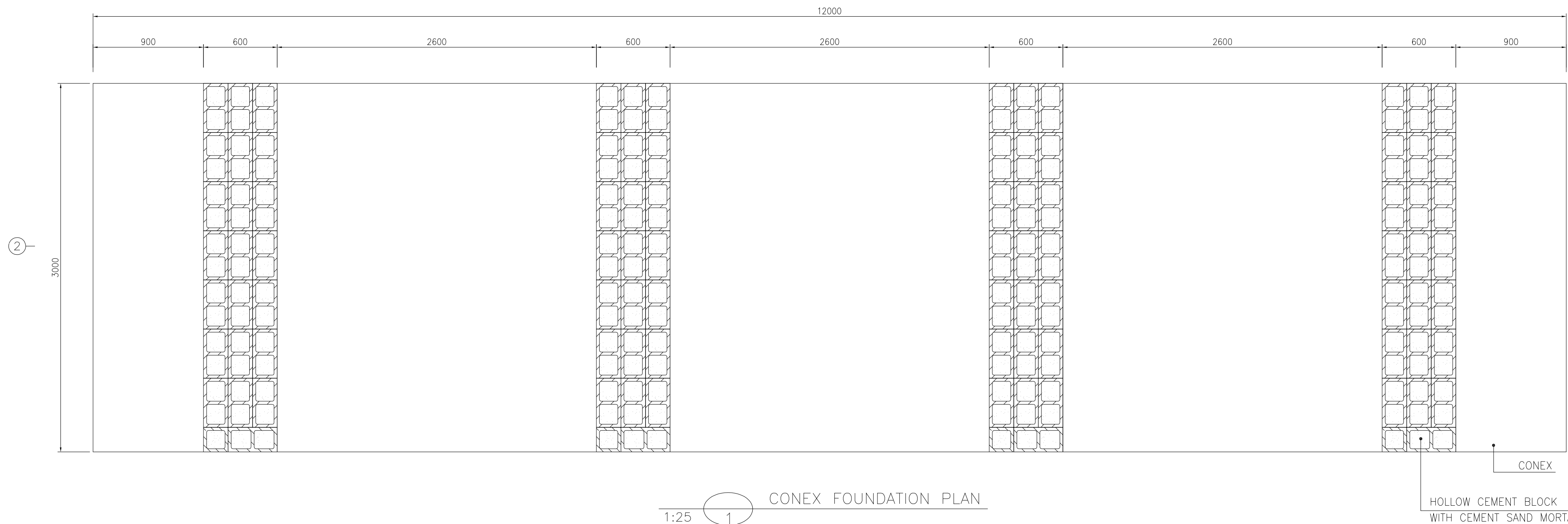
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W028 WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

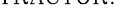
APPROVED FOR CONSTRUCTION	BY:	DATE:
BUDGET REF.	LOCATION	SIZE CLASS
707548	9	D07



D07	OCT.2022	IFA	R. BERLOUÏ	M.PAKHARIAN	M.MEHRSHAD	..
D06	AUG.2022	IFA	R. BERLOUÏ	M.PAKHARIAN	M.MEHRSHAD	..
D05	JUL.2022	IFA	R. BERLOUÏ	M.PAKHARIAN	M.MEHRSHAD	..
D04	JUN.2022	IFA	R. BERLOUÏ	M.PAKHARIAN	M.MEHRSHAD	..
D03	MAY.2022	IFA	R. BERLOUÏ	M.PAKHARIAN	M.MEHRSHAD	..
D02	MAR.2022	IFA	R. BERLOUÏ	M.PAKHARIAN	M.MEHRSHAD	..
D01	NOV.2021	IFA	R. BERLOUÏ	M.PAKHARIAN	M.MEHRSHAD	..
D00	OCT.2021	IFC	R. BERLOUÏ	M.PAKHARIAN	SH.GHALKAR	..
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES
W028 WELLHEAD FACILITIES

PROJECT NO.:	971020
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EPC CONTRACTOR:   HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES	EPD/EPC CONTRACTOR(GC):   PETROIRAN DEVELOPMENT COMPANY
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DRAWING TITLE:	CIVIL AND STRUCTURAL DRAWINGS-W028S CONEX FOUNDATION PLAN AND SECTION
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SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002	10 OF 42	D07

NOTES

- 1- ALL COORDINATES ARE IN METER.
- 2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
- 3- ALL DRAWINGS MUST BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
- 4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(CN CYLINDRICAL SPECIMEN)
- 5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(CN CYLINDRICAL SPECIMEN)
- 6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm²
- 7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
- 8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE;
DENSITY : 4.1-5.1 gr/cm³
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
- 9- JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SIMILAR SUCH AS "ACROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS.
- 10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
- 11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BE:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID: WGS84
VERTICAL COORDINATE SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
DATUM: NSI

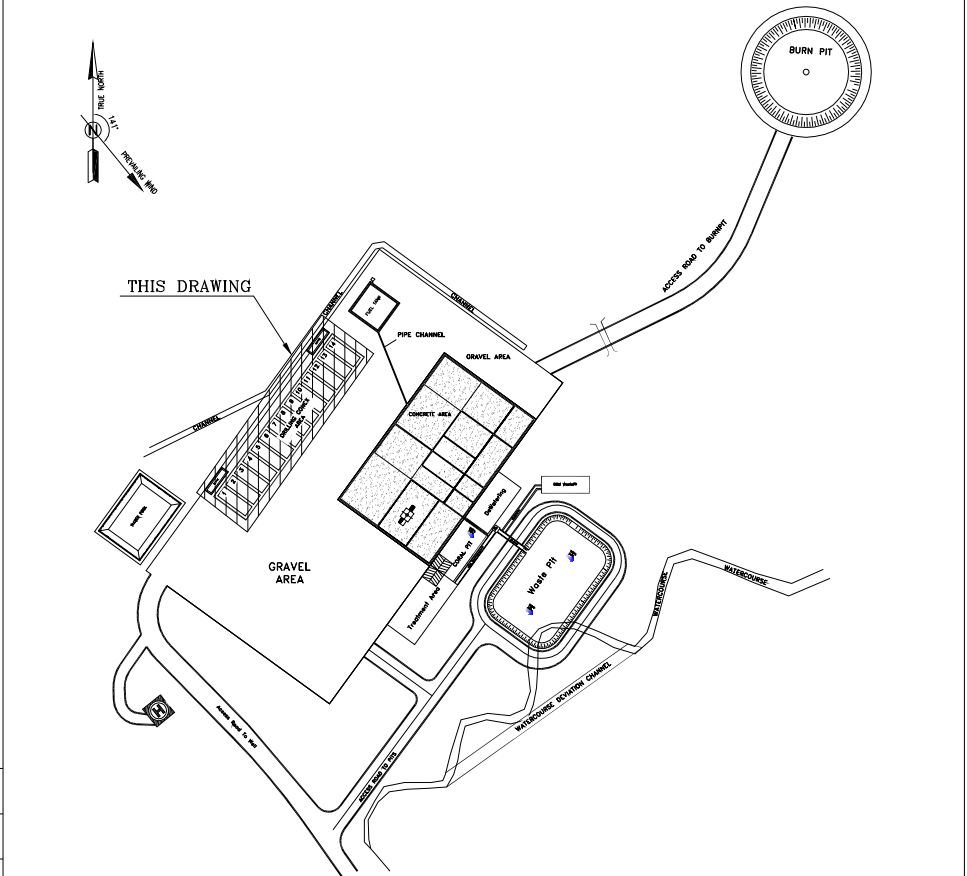
(2)- THE WATER POOL IS NOT CLIENT REQUIREMENT

$$\pm 0.00 = +31.00(\text{R.G.L.})\text{MSL}$$

LEGEND AND ABBREVIATION			
	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
	GRAVEL	T.O.PIT	TOP OF PIT
	SUB GRADE	B.O.P.	BOTTOM OF PIPE
	SLOPE	R.G.L.	ROUGH GRADING LEVEL

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT - W028	BK-W028-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS - W028	BK-W028-PEDCO-110-CV-PY-0002
STANDARD DRAINAGE FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SP-0002

KEY PLAN



***	*****	** **	*** ****	** **	*** ****
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.

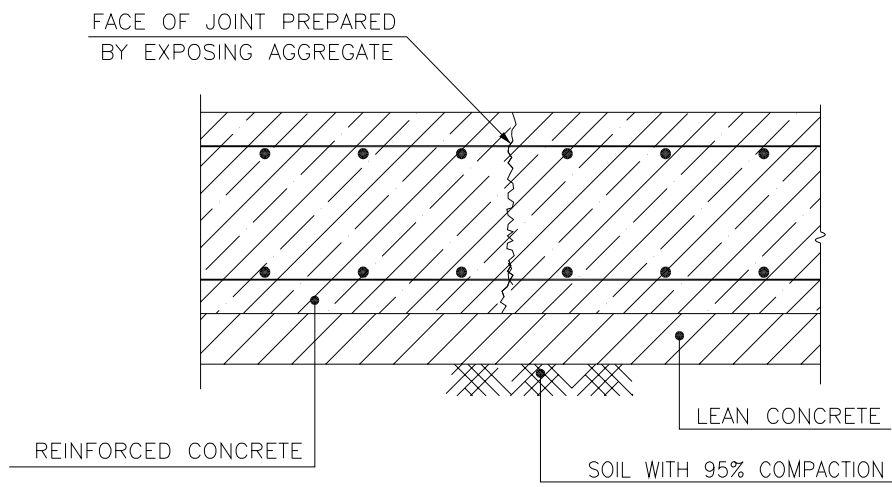
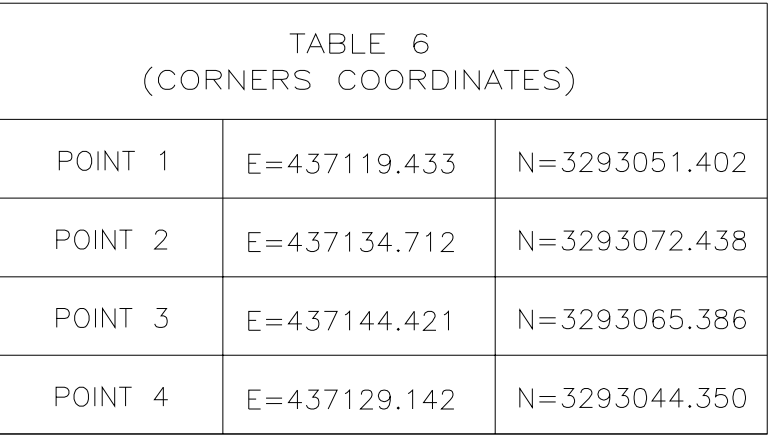
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N.I.S.O.C./ FIELDS

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W028 WELLHEAD FACILITIES

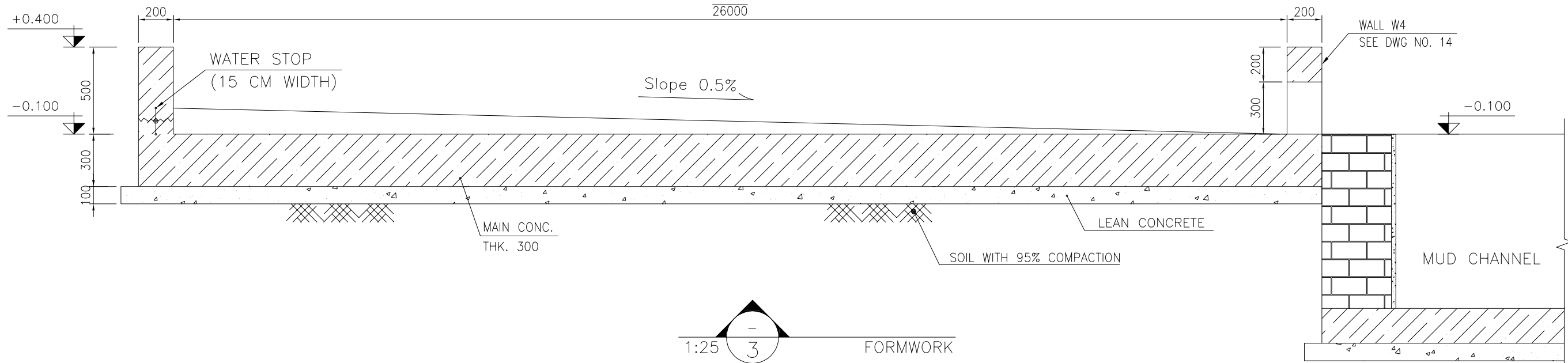
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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	707548	10	D07



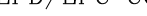
- TYPICAL CONSTRUCTION JOINT
N.T.S. 9



D07	OCT.2022	IFA	R. BERLOUHI	M.PAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUHI	M.PAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUHI	M.PAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUHI	M.PAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUHI	M.PAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUHI	M.PAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUHI	M.PAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IFC	R. BERLOUHI	M.PAKHARIAN	SH.GHALALI	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES
W028 WELLHEAD FACILITIES

PROJECT NO.:	971020
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EPC CONTRACTOR:   HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES	EPD/BPC CONTRACTOR(GC):   PETROIRAN DEVELOPMENT COMPANY
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DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S
TREATMENT PAD FORMWORK - DETAIL & SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002	11 OF 42	D07

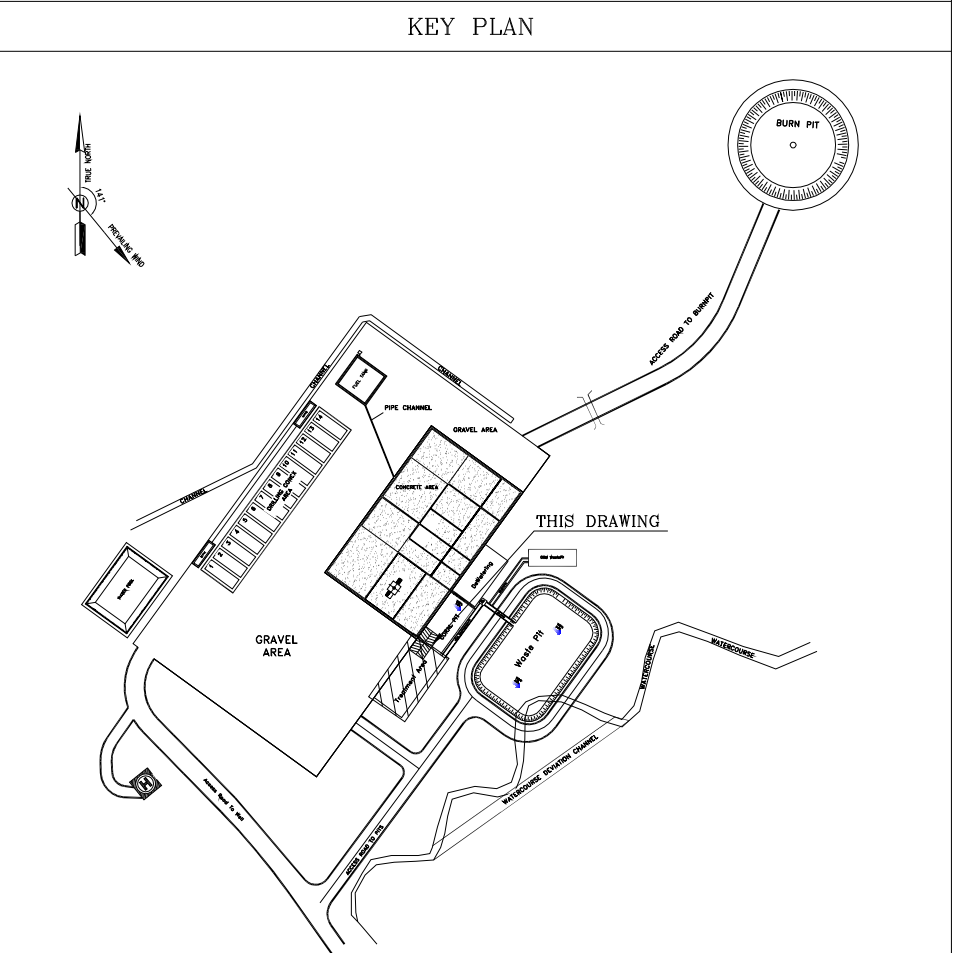
NOTES

- 1- ALL COORDINATES ARE IN METER.
- 2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
- 3- ALL DRAWINGS MUST BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
- 4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-CNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(CN CYLINDRICAL SPECIMEN)
- 5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-CNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(CN CYLINDRICAL SPECIMEN)
- 6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm²
- 7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
- 8- SPECIFICATIONS OF THERMO PLASTIC ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm³
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
- 9- JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE : SC45 AS ACROPLASTIC 1574" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS.
- 10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
- 11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID: WGS84
VERTICAL GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
- 12- THE WATER POOL IS NOT CLIENT REQUIREMENT

±0.00 = +31.00(R.G.L.)MSL

LEGEND AND ABBREVIATION			
	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
	GRAVEL	T.O.PIT	TOP OF PIT
	SUB GRADE	B.O.P.	BOTTOM OF PIPE
	SLOPE	R.G.L.	ROUGH GRADING LEVEL

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GN-RL-PEDCO-000-CV-SP-0003
GENERAL NOTES – STEEL STRUCTURES	BK-GN-RL-PEDCO-000-ST-DW-0011
GENERAL NOTES – REINFORCED CONCRETE STRUCTURES	BK-GN-RL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT – W028	BK-W028-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS – W028	BK-W028-PEDCO-110-CV-PY-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GN-RL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GN-RL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GN-RL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GN-RL-PEDCO-000-CV-SP-0002



***	*****	**-*	***-***	**--	***-***
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.

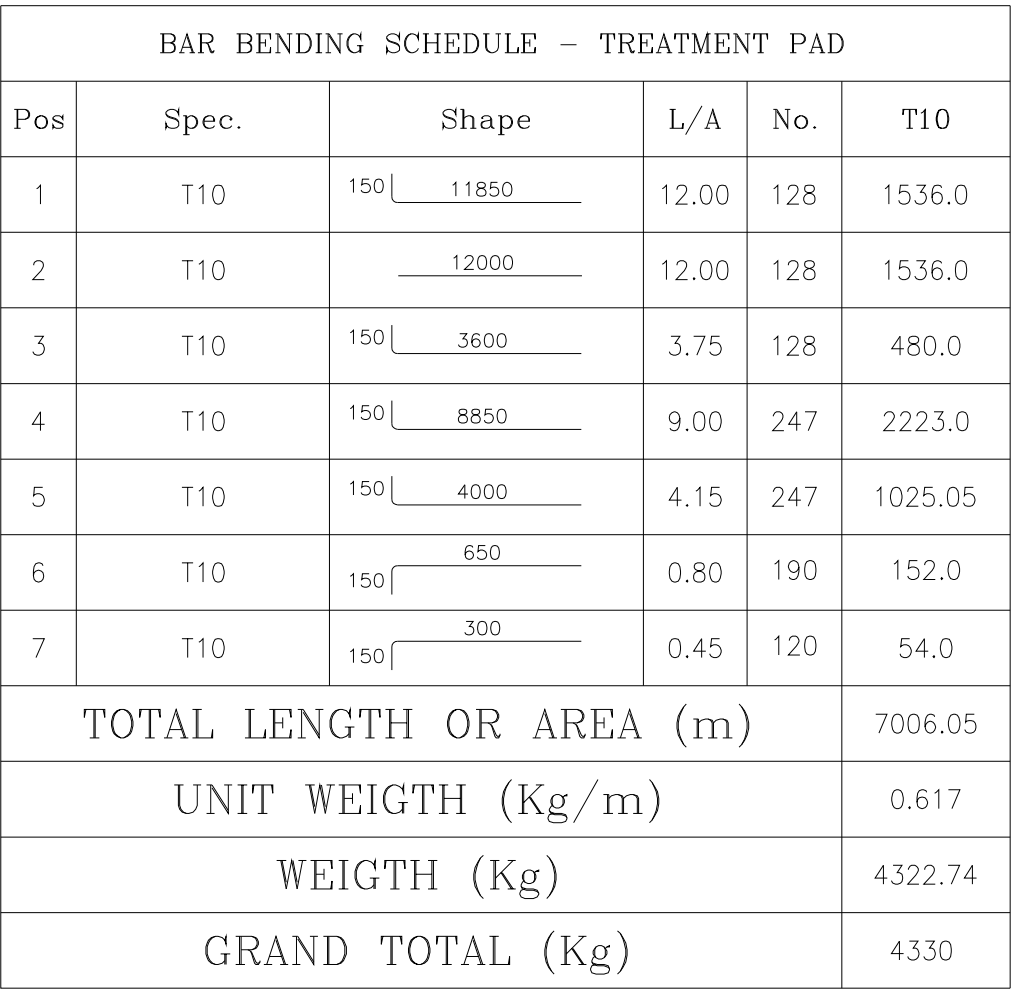
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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W028 WELLHEAD FACILITIES

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	707548	11	D07

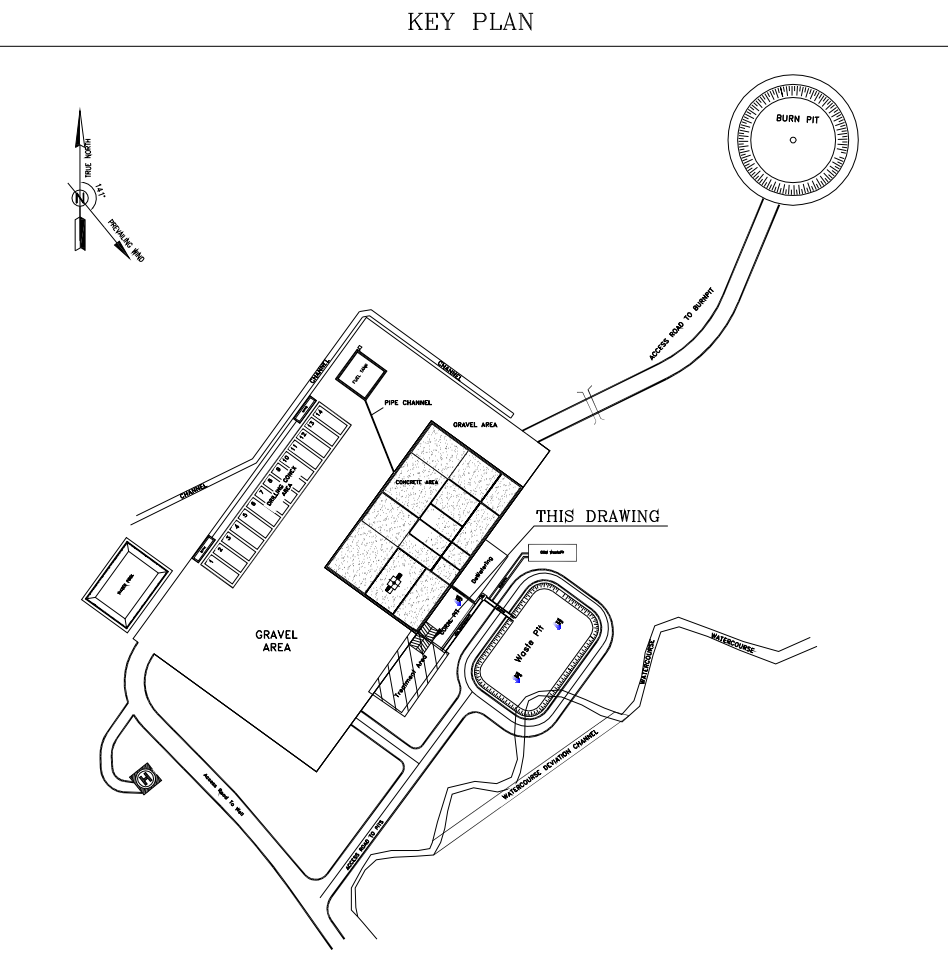
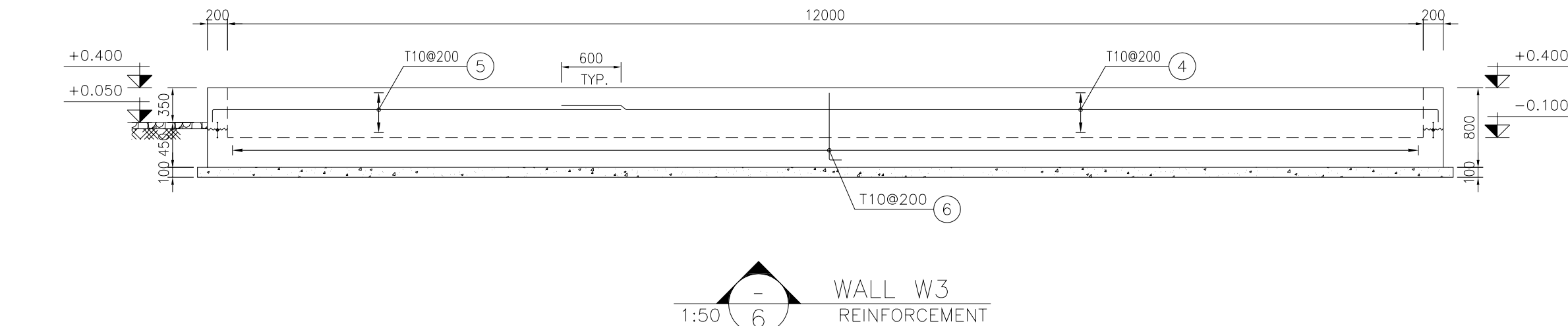
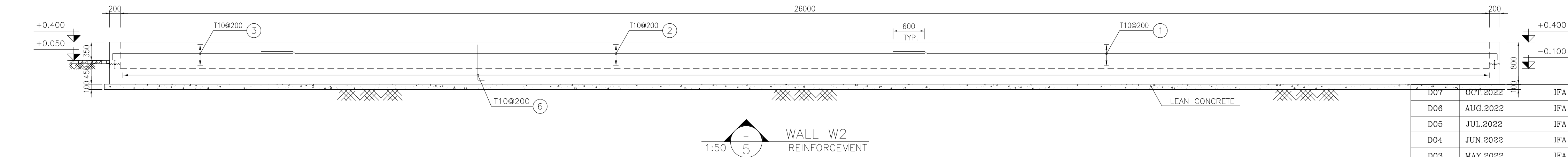
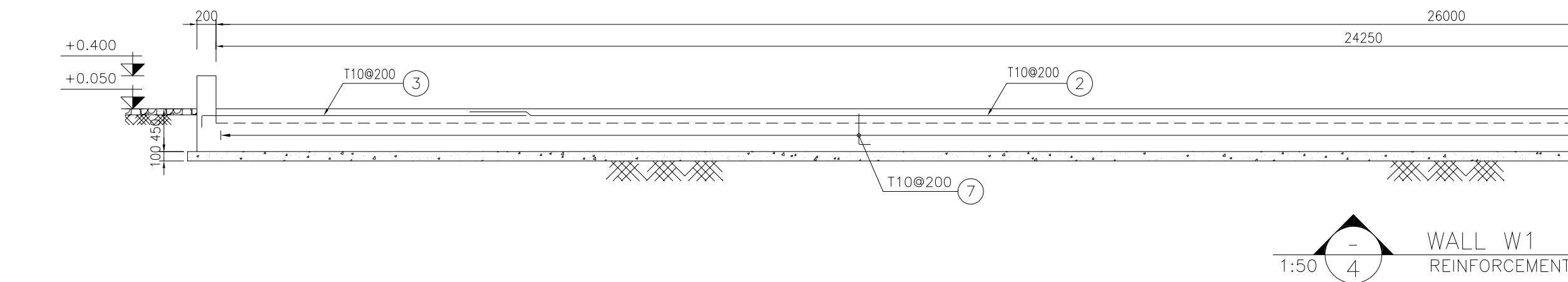
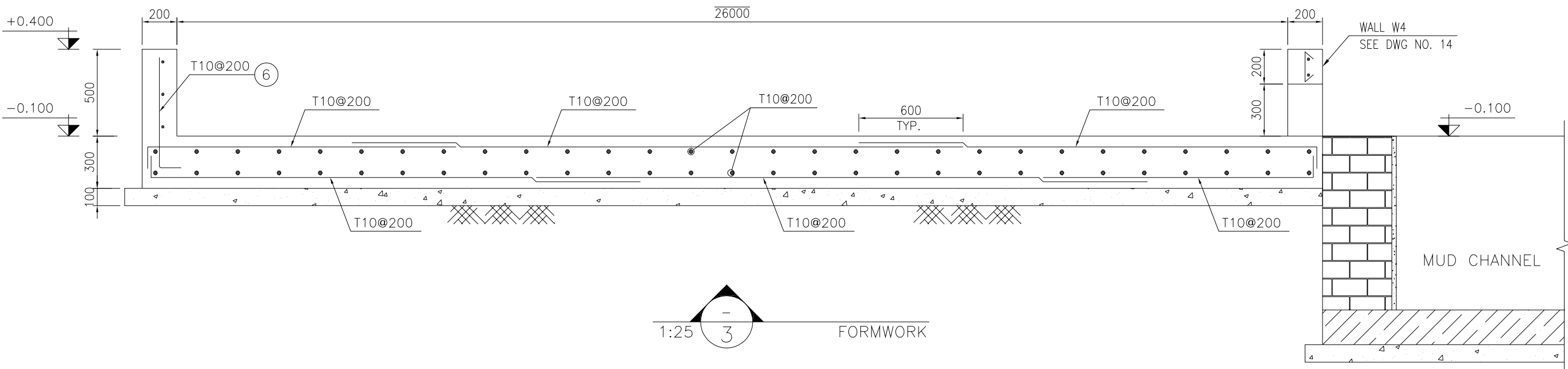
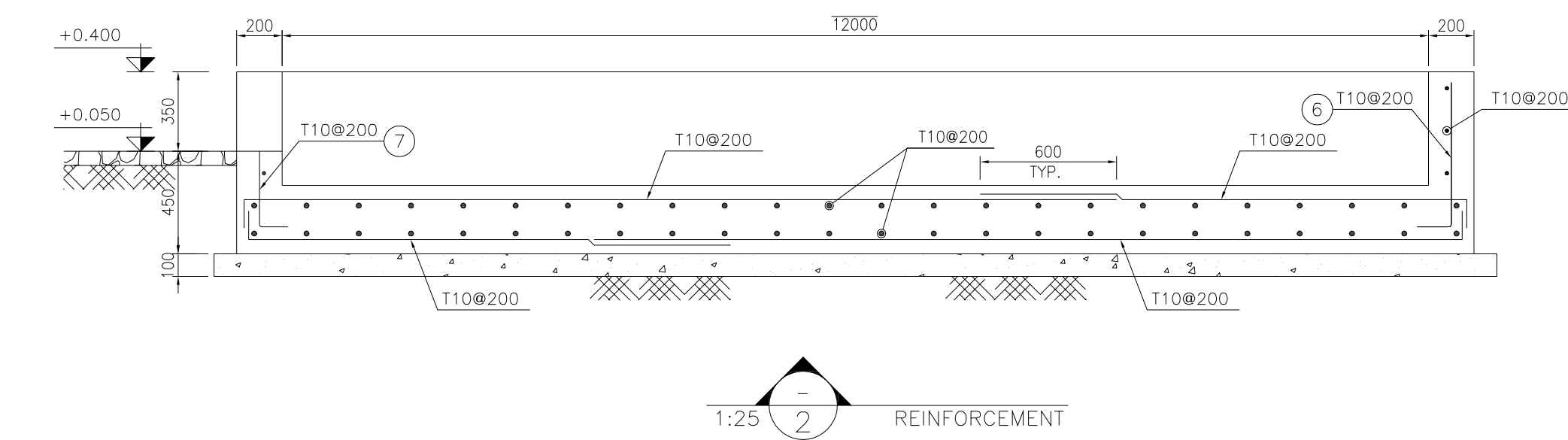


NOTES

- 1- ALL COORDINATES ARE IN METER.
- 2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
- 3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
- 4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa (on CYLINDRICAL SPECIMEN)
- 5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa (on CYLINDRICAL SPECIMEN)
- 6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISR1332 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm²
- 7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
- 8- SPECIFICATIONS OF THERMO PLASTIC ACRYLIC COLOR,
BASED ON: No.3758 NATIONAL STANDARD CODE;
DENSITY : 4.1-5.1 gr/cm³
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
- 9- JOINT SEALANT MATERIALS SHALL BE WEATHER-RESISTANT POLYURETHANE OR SILICONE SUCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS.
- 10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
- 11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID: WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: WGS
- 12- THE WATER POOL IS NOT CLIMATE REQUIREMENT

LEGEND AND ABBREVIATION			
	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
	GRAVEL	T.O.PIT	TOP OF PIT
	SUB GRADE	B.O.P.	BOTTOM OF PIPE
	SLOPE	R.G.L.	ROUGH GRADING LEVEL

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRL-PEDCO-000-CV-SP-0003
GENERAL NOTES – STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0011
GENERAL NOTES – REINFORCED CONCRETE STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT – W028	BK-W028-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS – W028	BK-W028-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0004
SPECIFICATION FOR EARTH WORK	BK-GNRL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SP-0002



D07	OCT.2022	IFA	R. BERLOUJI	M.PAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUJI	M.PAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUJI	M.PAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUJI	M.PAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUJI	M.PAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUJI	M.PAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUJI	M.PAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IFC	R. BERLOUJI	M.PAKHARIAN	SH.CHALKALR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES
W028 WELLHEAD FACILITIES

PROJECT NO.:	971020
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EPC CONTRACTOR:  HIRGAN ENERGY  HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES	EPD/BPC CONTRACTOR(GC):  PEDCO  PETROIRAN DEVELOPMENT COMPANY
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DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S
TREATMENT PAD REINFORCEMENT - DETAIL & SECTION

104. 101.1. 0. 000	101.0.000.000	000. 000. 0. 000.000.00. 0. 0. 00	101.0.000.000.0000. 0. 0. 00	000.0000.0
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SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002	12 OF 42	D07

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

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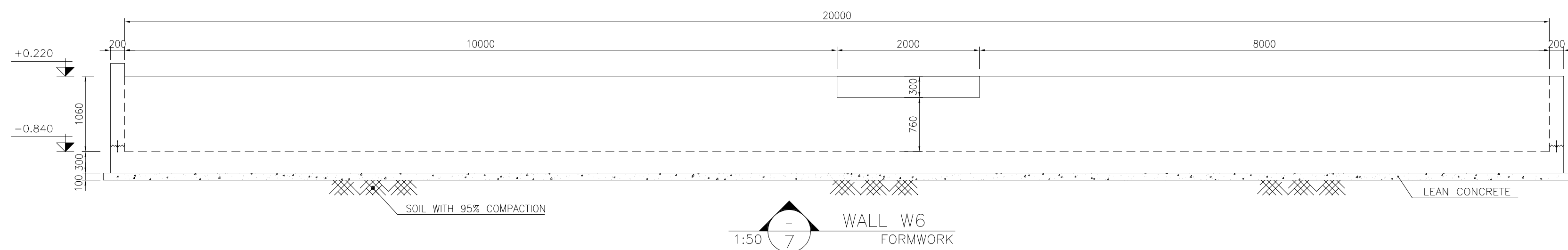
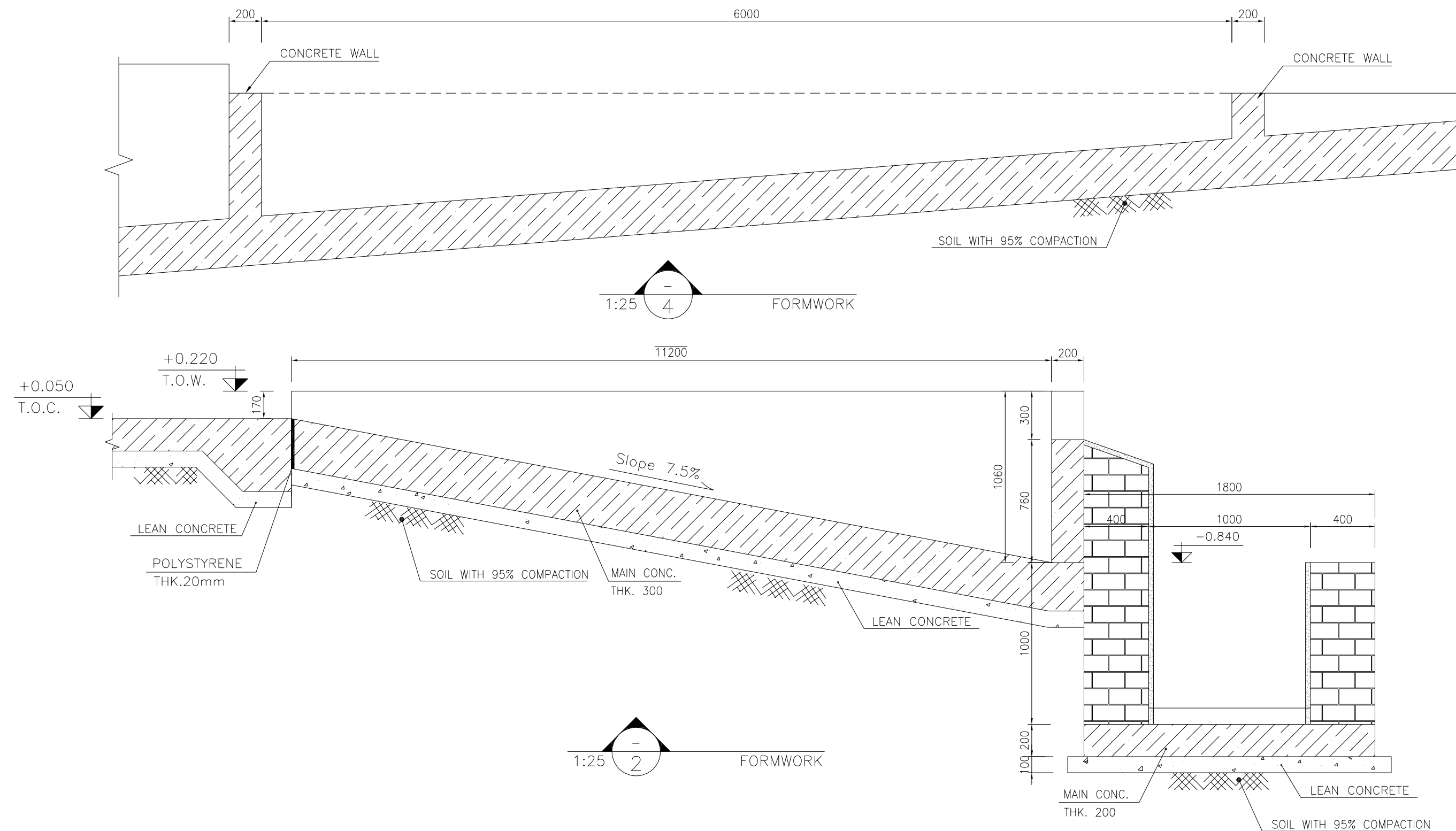
BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W028 WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

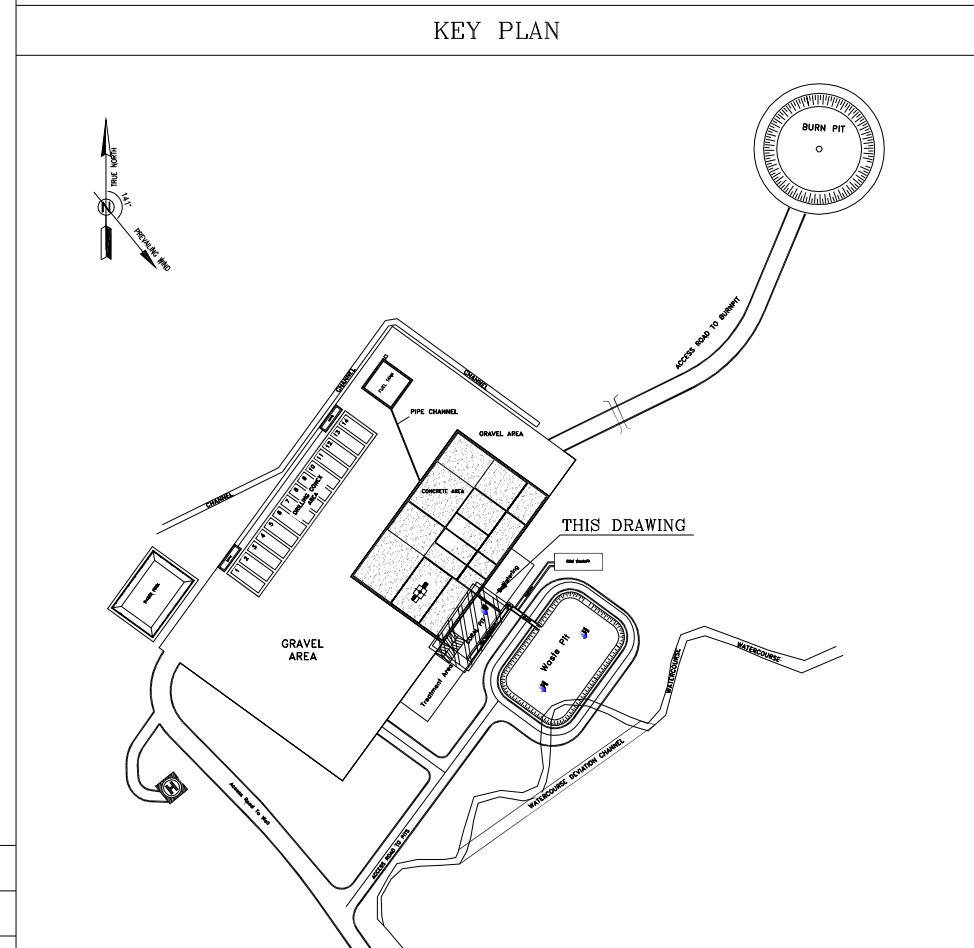
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DATE: _____	SIGNATURE: _____	DATE: _____	SIGNATURE: _____

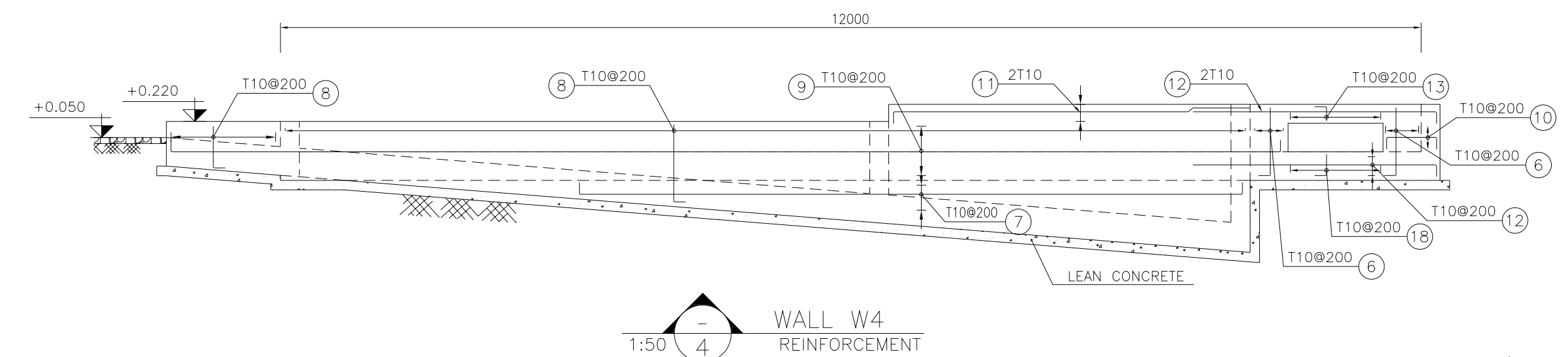
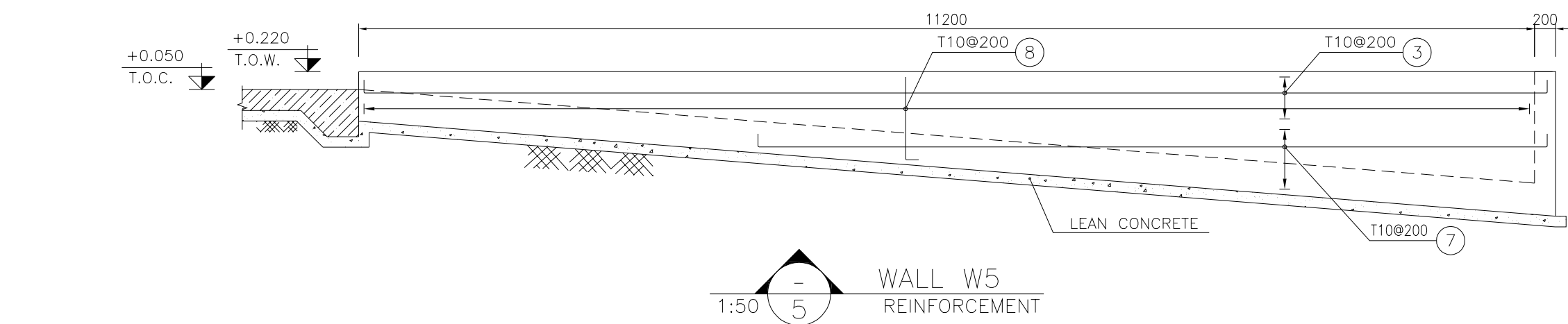
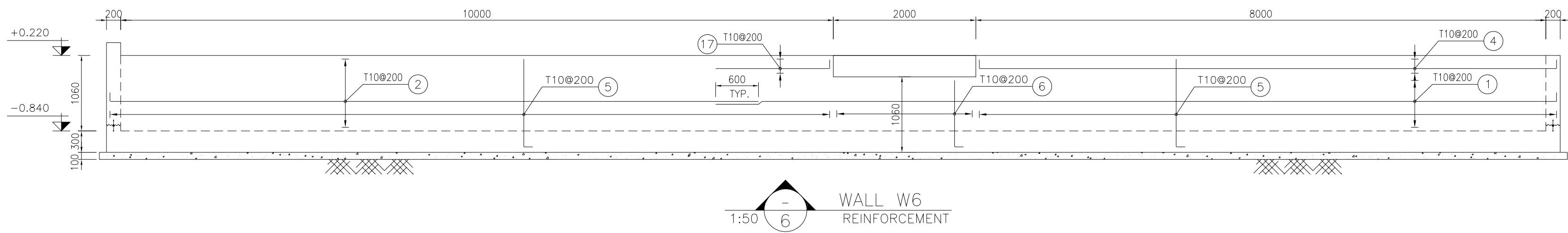
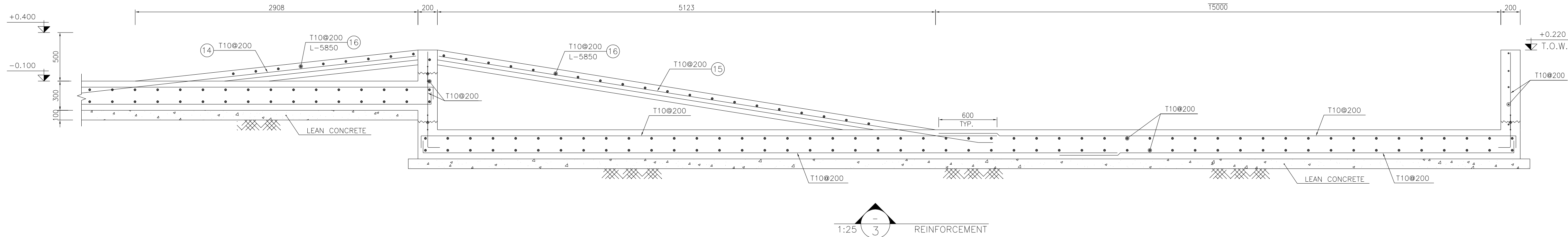
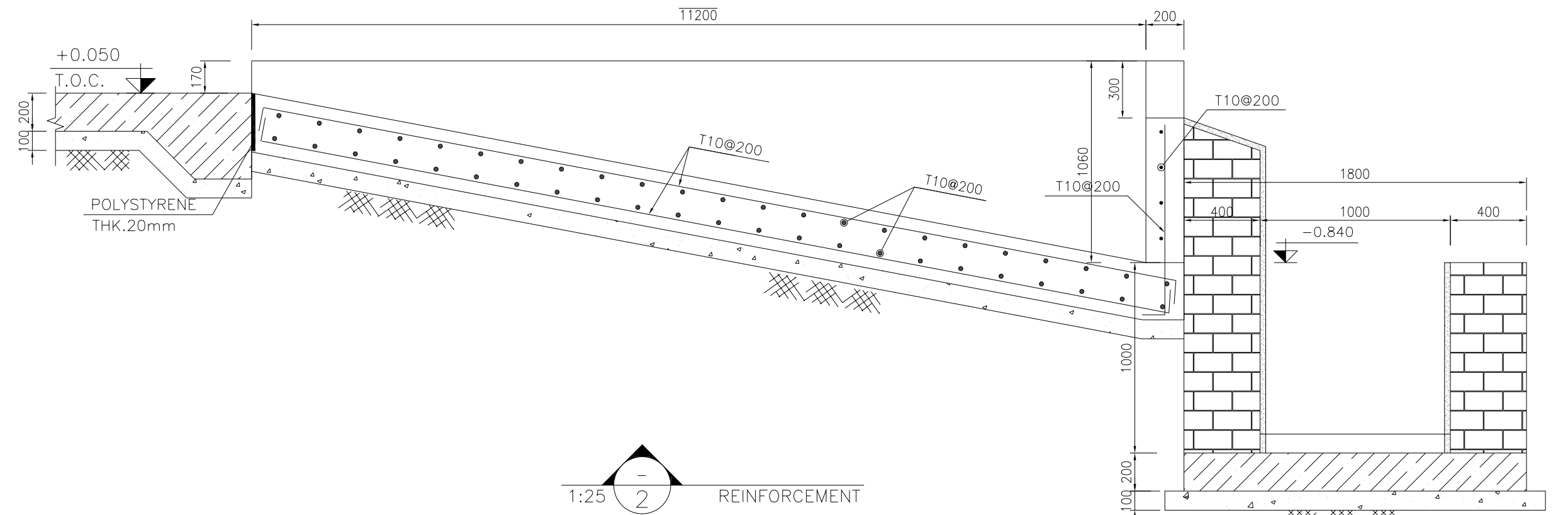
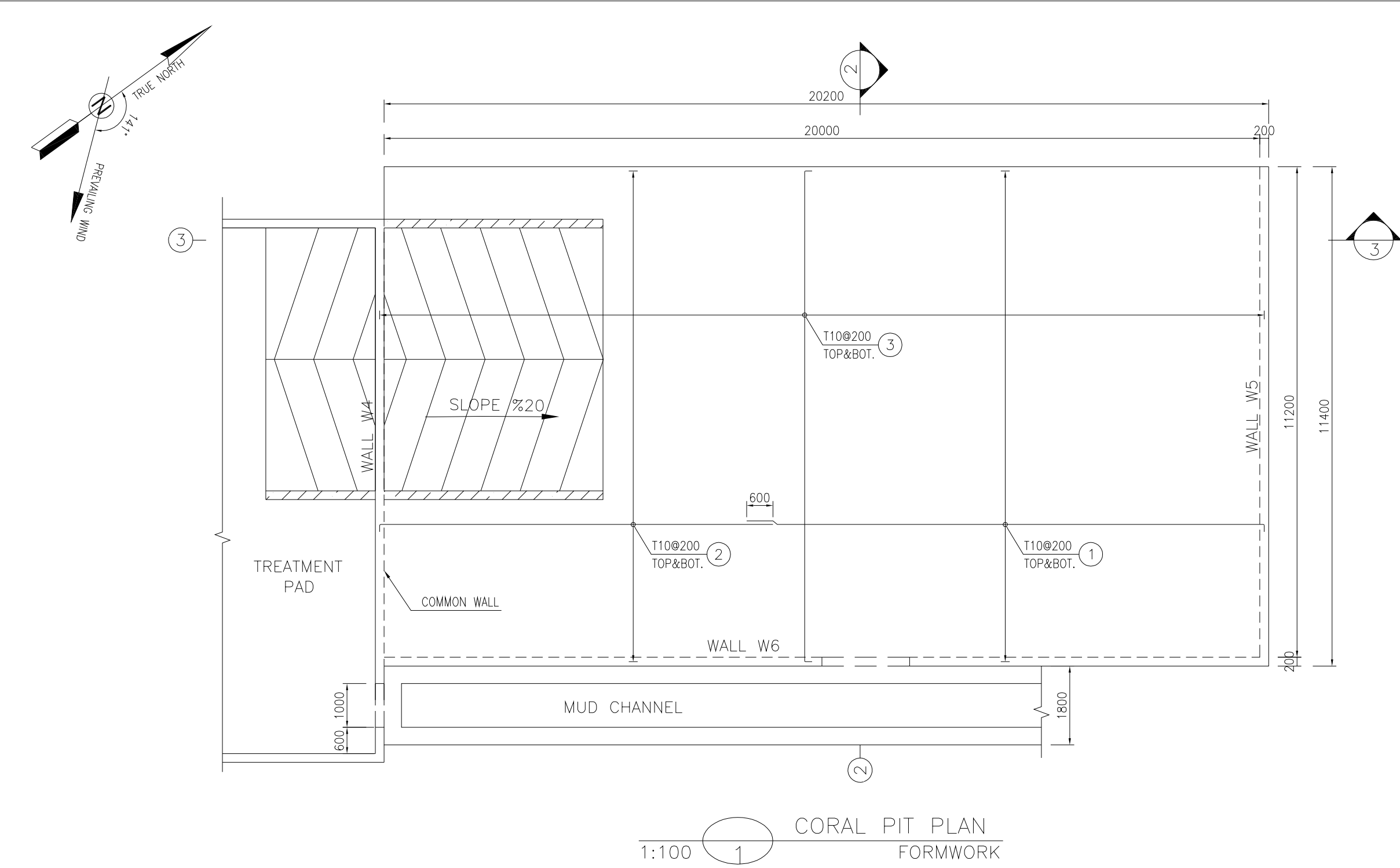
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	S	707548	12	D07



D07	OCT.2022		IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	** **
D06	AUG.2022		IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	** **
D05	JUL.2022		IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	** **
D04	JUN.2022		IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	** **
D03	MAY.2022		IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	** **
D02	MAR.2022		IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	** **
D01	NOV.2021		IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	** **
D00	OCT.2021		IFC	R. BERLOUEI	M.PAKHARIAN	SH.GHALKAR	** **
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	

PROJECT NAME:		BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES			
PROJECT NO.:		971020			
EPC CONTRACTOR:		EPD/EPC CONTRACTOR(GC):			
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES		 TE		 PETROIRAN DEVELOPMENT COMPANY	
DRAWING TITLE:		CIVIL AND STRUCTURAL DRAWINGS-W028S CORAL PIT FORMWORK - DETAIL & SECTION			
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002		13 OF 42	D07

[illegible]

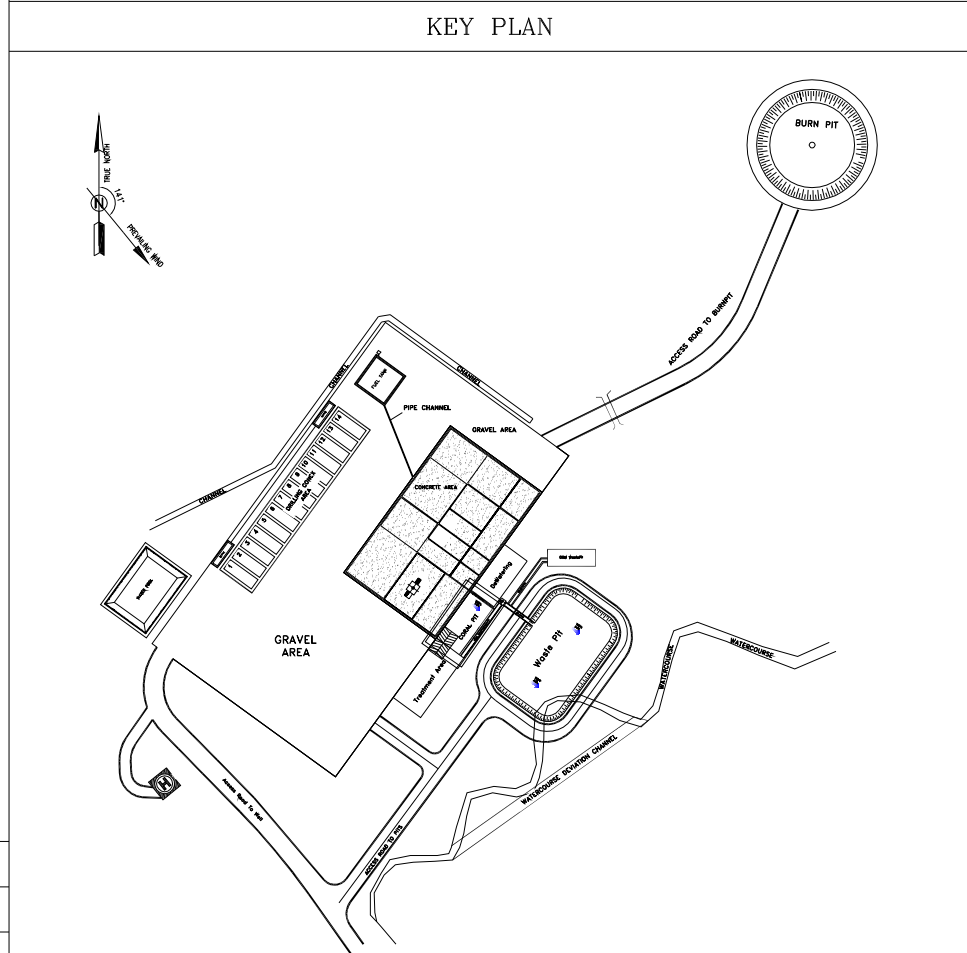


BAR BENDING SCHEDULE – CORAL PIT					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	150 11850	12.00	118	1416.0
2	T10	150 9000	9.15	120	1098.0
3	T10	150 1125 150	11.55	207	2390.85
4	T10	150 8050 150	8.35	2	16.70
5	T10	150 1200	1.35	92	124.20
6	T10	150 900	1.05	26	27.30
7	T10	150 4000-8500 150	VAR	6	39.30
8	T10	150 650-1350	VAR	114	131.10
9	T10	150 11700 150	12.00	3	36.00
10	T10	150 450 150	0.75	2	1.50
11	T10	150 3750	3.90	2	7.80
12	T10	150 255	2.70	4	10.80
13	T10	100 100 100	0.30	6	1.80
14	T10	200 3800	4.00	30	120.0
15	T10	200 5700	5.90	30	177.0
16	T10	150 5850 150	6.15	38	233.70
17	T10	150 1650	1.80	2	3.60
18	T10	150 2250	2.40	2	5.60
TOTAL LENGTH OR AREA (m)					5831.25
UNIT WEIGHT (Kg/m)					0.617
WEIGHT (Kg)					3597.88
GRAND TOTAL (Kg)					3600

- NOTES
- 1- ALL COORDINATES ARE IN METER.
 - 2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
 - 3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
 - 4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa (ON CYLINDRICAL SPECIMEN)
 - 5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa (ON CYLINDRICAL SPECIMEN)
 - 6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm²
 - 7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
 - 8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm³
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
 - 9- JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS.
 - 10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
 - 11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
 - 12- THE WATER POOL IS NOT CLIENT REQUIREMENT

LEGEND AND ABBREVIATION	
	REINFORCED CONCRETE
	LEAN CONCRETE
	CEMENT BLOCK WALL
	GRAVEL
	SUB GRADE
	SLOPE
T.O.F.	TOP OF FOUNDATION
T.O.W.	TOP OF WALL
T.O.C.	TOP OF CONCRETE
T.O.PIT	TOP OF PIT
B.O.P.	BOTTOM OF PIPE
R.G.L.	ROUGH GRADING LEVEL

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT - W028	BK-W028-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS - W028	BK-W028-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SP-0002



D07	OCT.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IPC	R. BERLOUEI	M.PAKHARIAN	SH.GHALKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES						
PROJECT NO.:			971020			
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):			
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S CORAL PIT REINFORCEMENT - DETAIL & SECTION						
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			14 OF 42	D07

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	707548	14 D07

BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 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	707548	14	D07

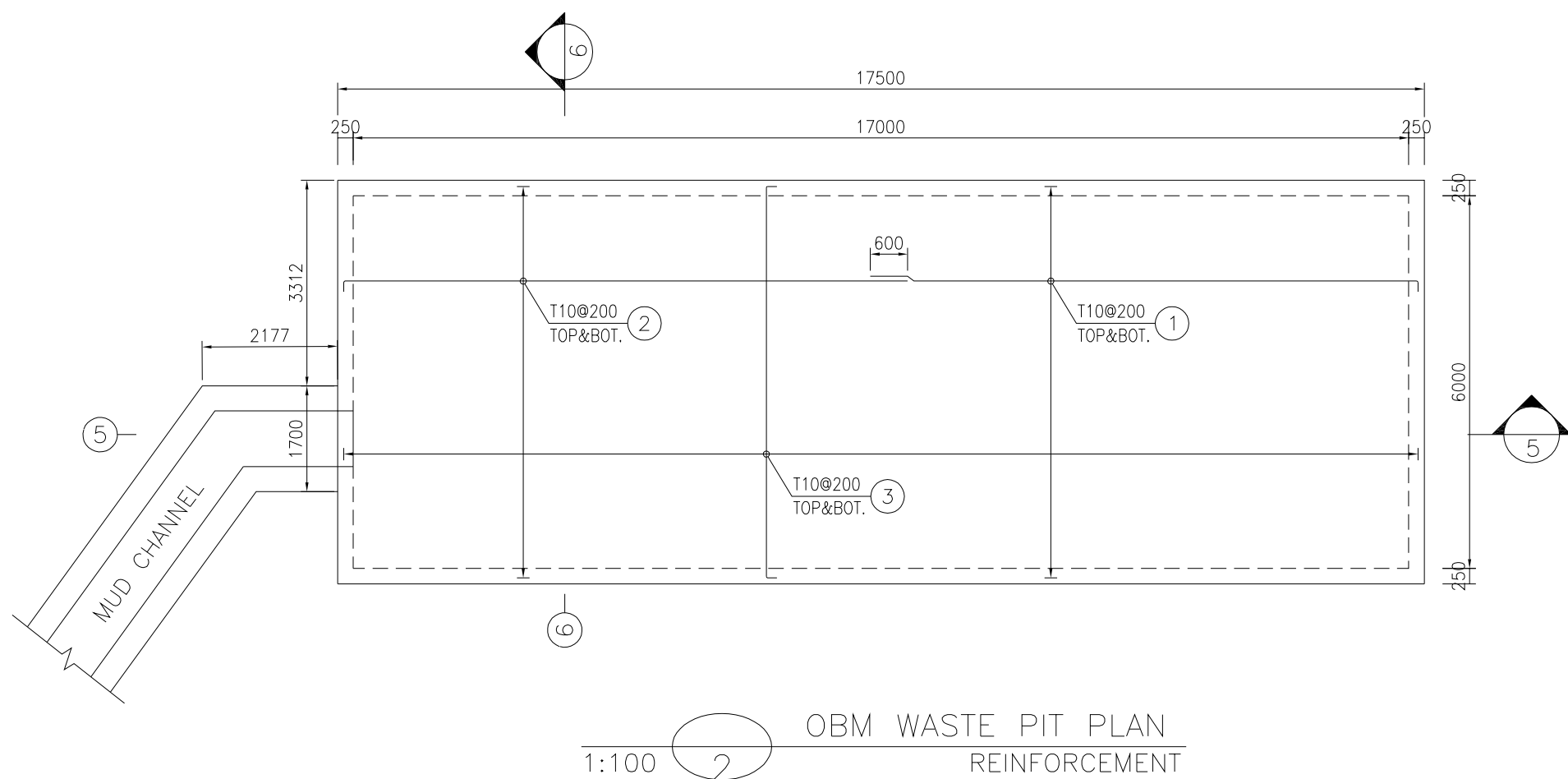
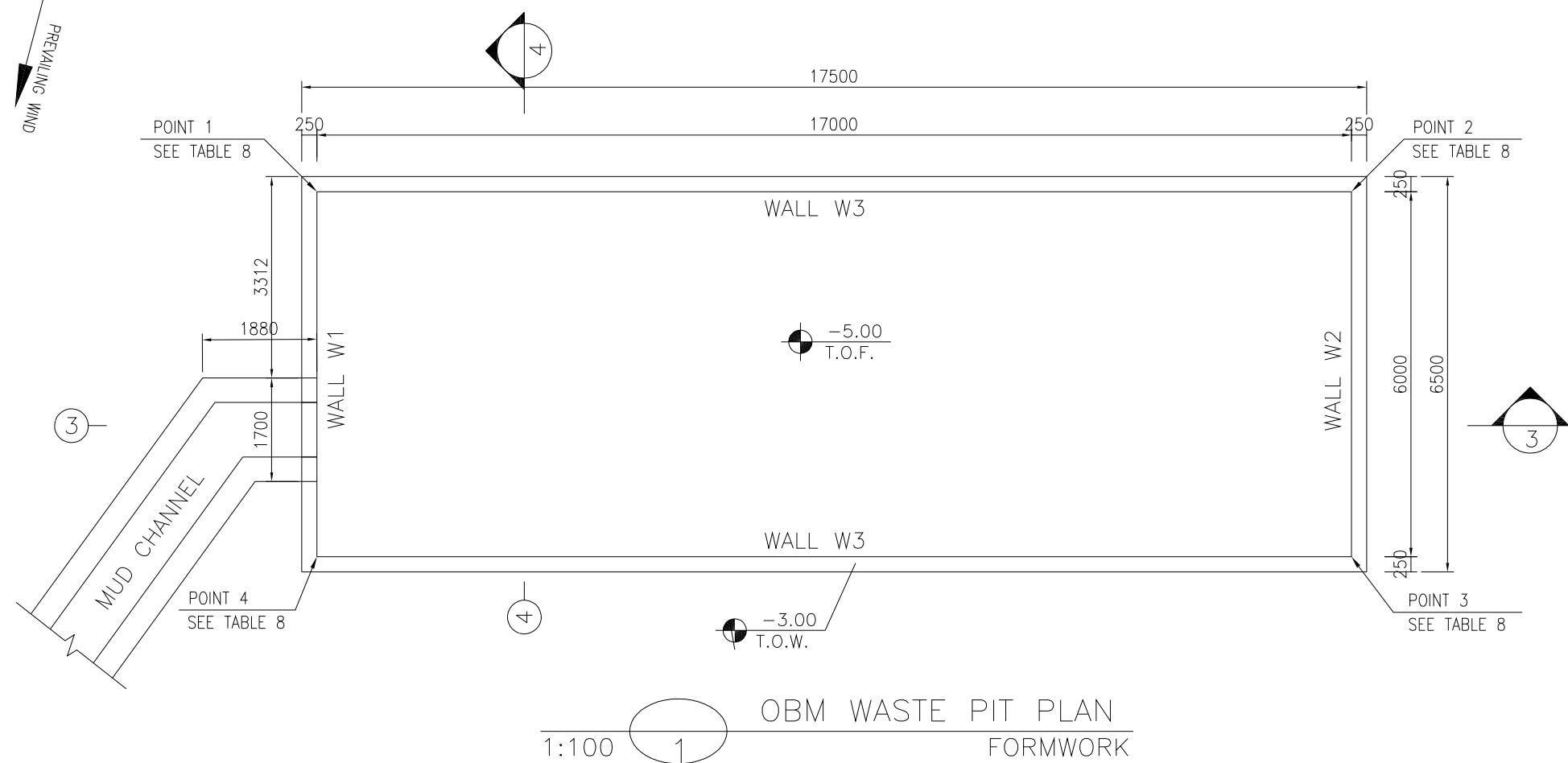
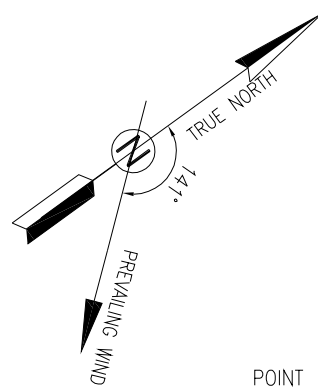
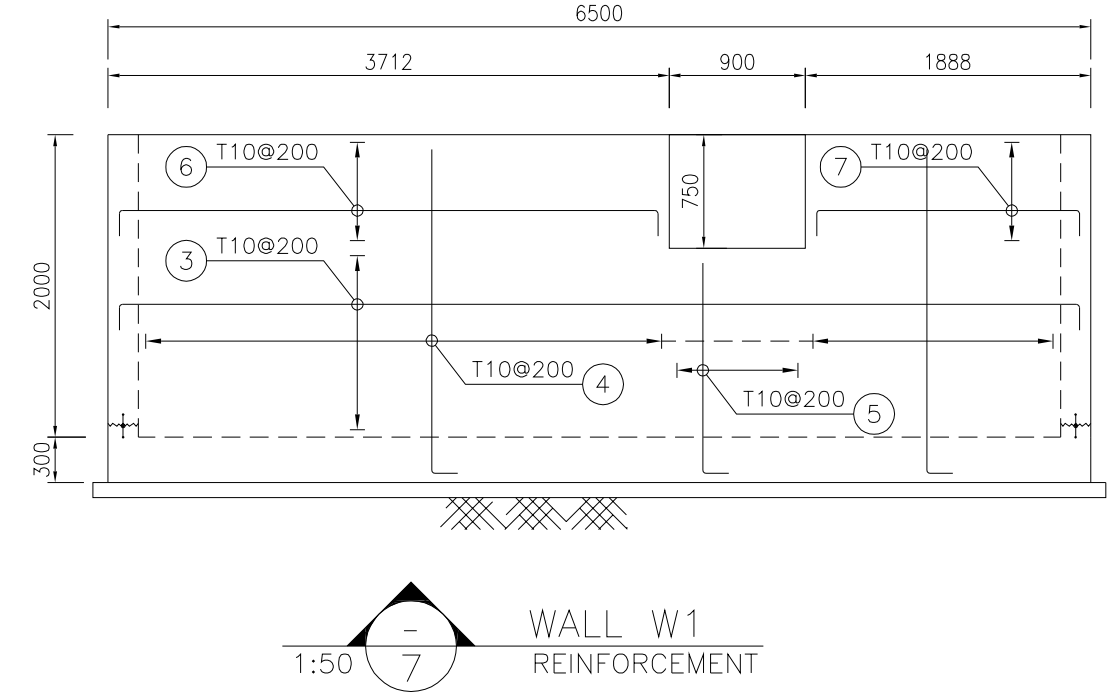
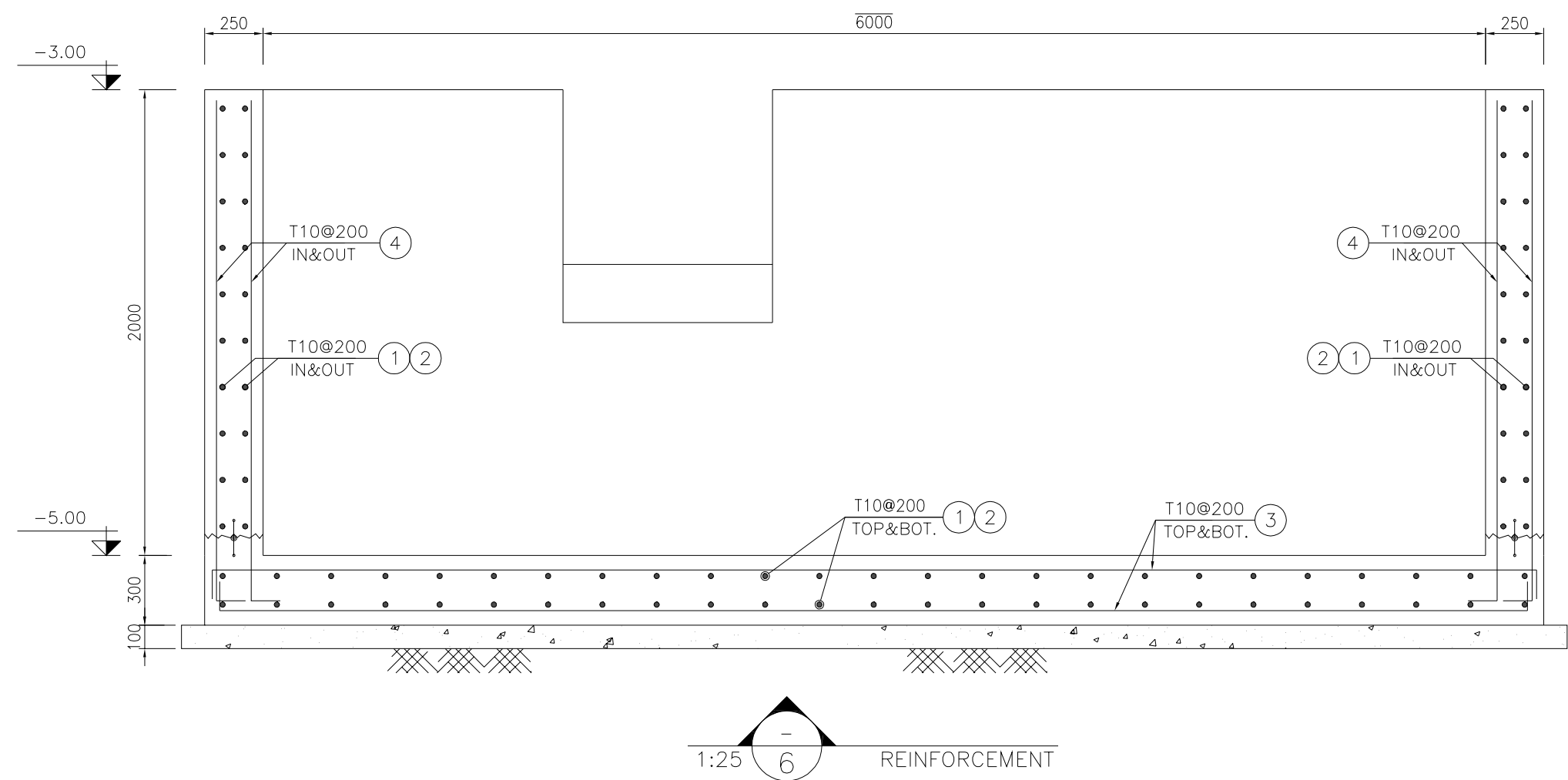
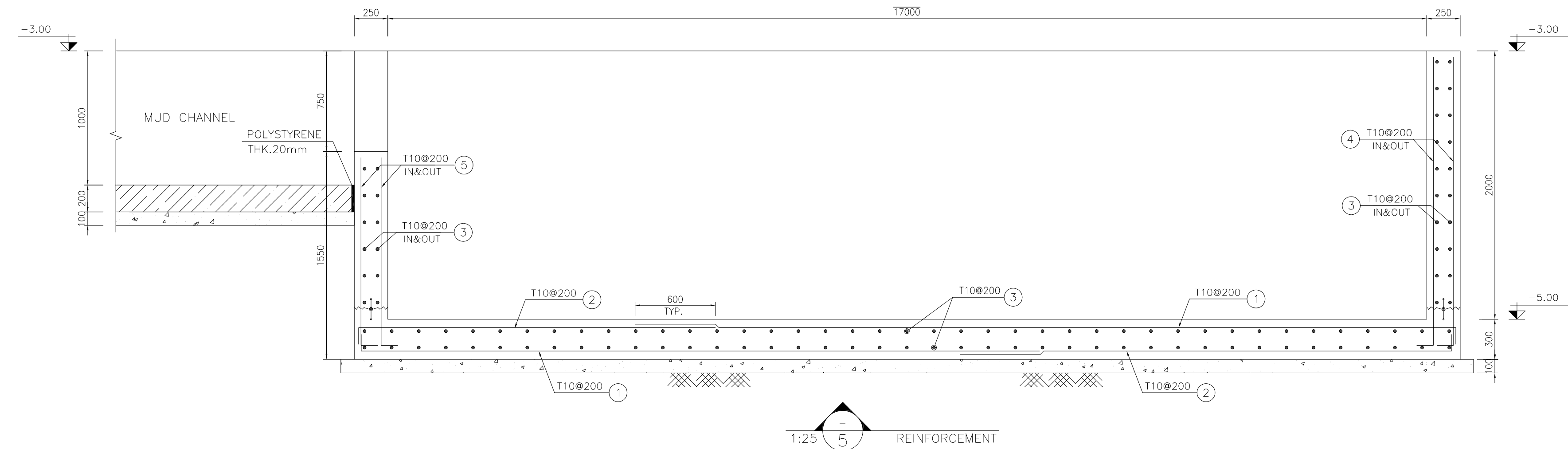
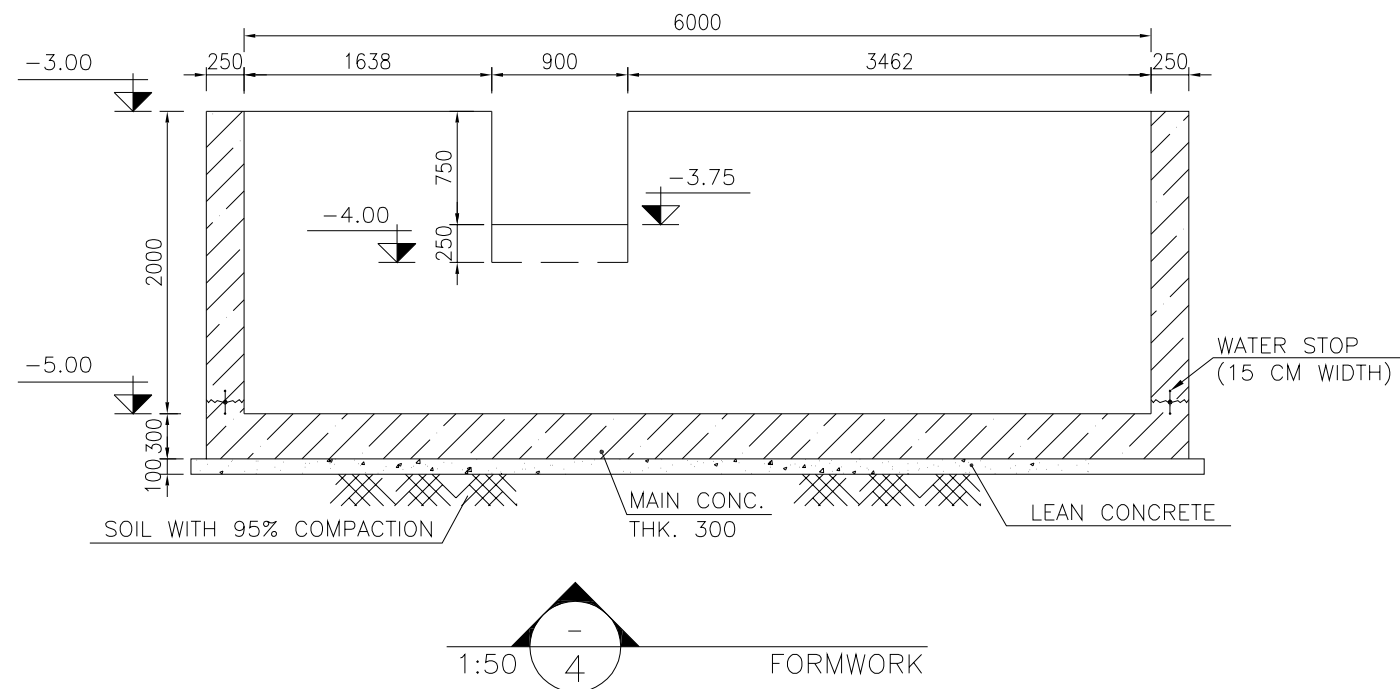
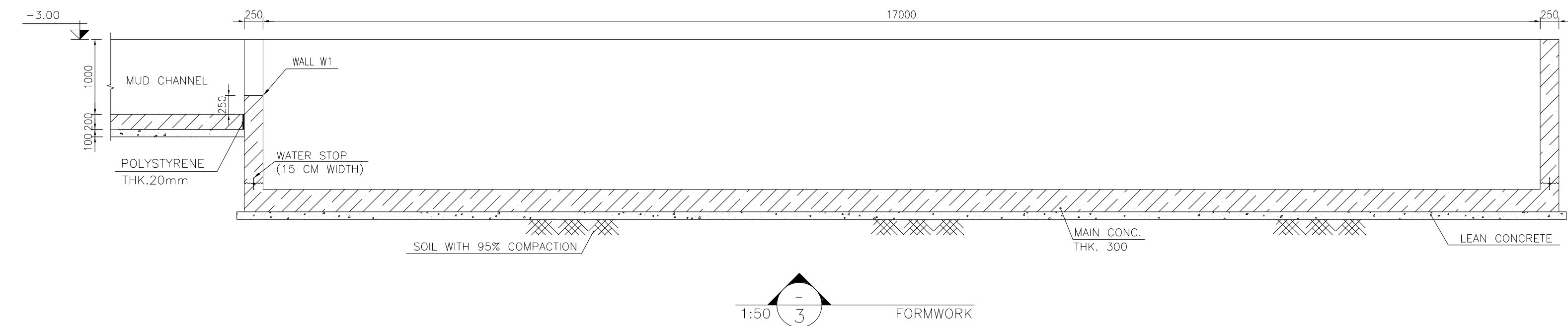


TABLE 8 (CORNERS COORDINATES)		
POINT 1	E=437173.655	N=3293104.379
POINT 2	E=437190.655	N=3293104.379
POINT 3	E=437190.655	N=3293098.379
POINT 4	E=437173.655	N=3293098.379



BAR BENDING SCHEDULE - OBM WASTE PIT					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	150 11850	12.00	104	1248.0
2	T10	150 6100	6.25	104	650.0
3	T10	150 6350 150	6.65	206	1369.9
4	T10	150 2150	2.30	224	515.2
5	T10	150 1400	1.55	10	15.5
6	T10	150 3600 150	3.90	8	31.20
7	T10	150 1750 150	2.05	8	16.40
TOTAL LENGTH OR AREA (m)					3846.2
UNIT WEIGHT (Kg/m)					0.617
WEIGHT (Kg)					2373.1
GRAND TOTAL (Kg)					2380

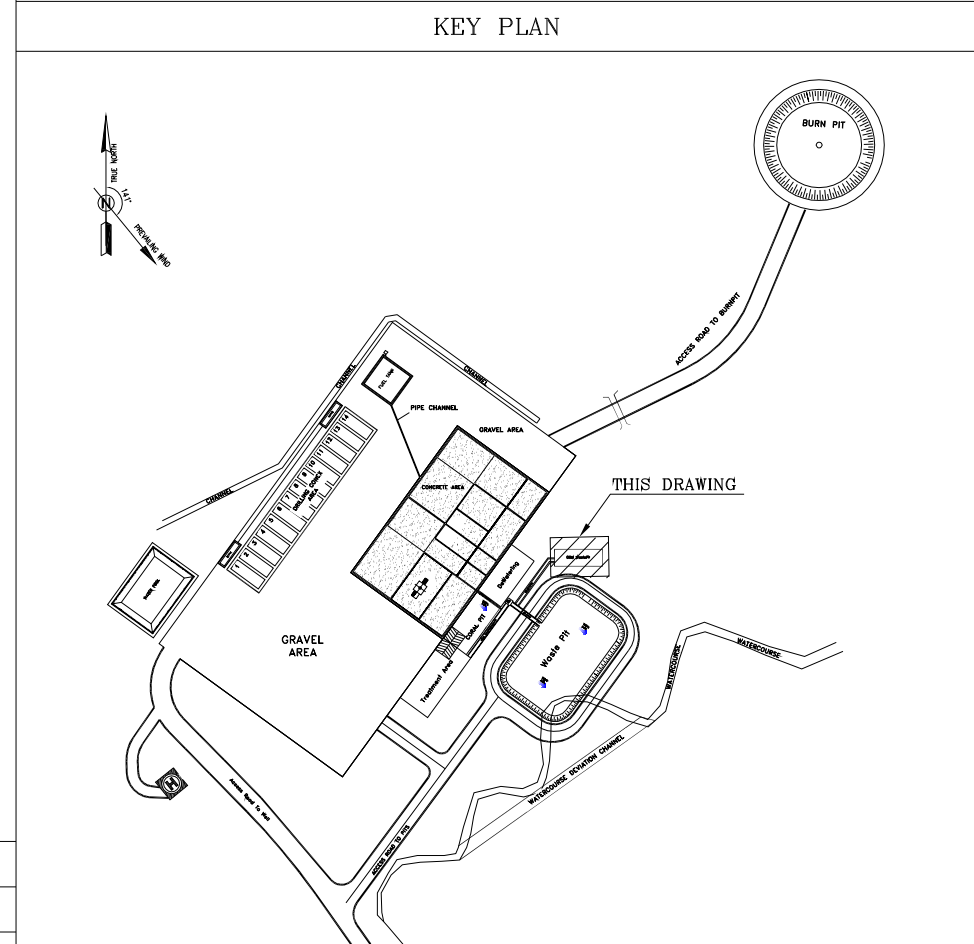
D07	OCT.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	..
D06	AUG.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	..
D05	JUL.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	..
D04	JUN.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	..
D03	MAY.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	..
D02	MAR.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	..
D01	NOV.2021	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	..
D00	OCT.2021	IPC	R. BERLOUEI	M.PAKHARIAN	SH.GHALUKAR	..
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME:		BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES			
PROJECT NO.:		971020			
EPC CONTRACTOR:		EPD/EPC CONTRACTOR(GC):			
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES				 PETROIRAN DEVELOPMENT COMPANY	
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S OBM WASTE PIT FORMWORK & REINFORCEMENT-SECTION					
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002		15 OF 42	D07

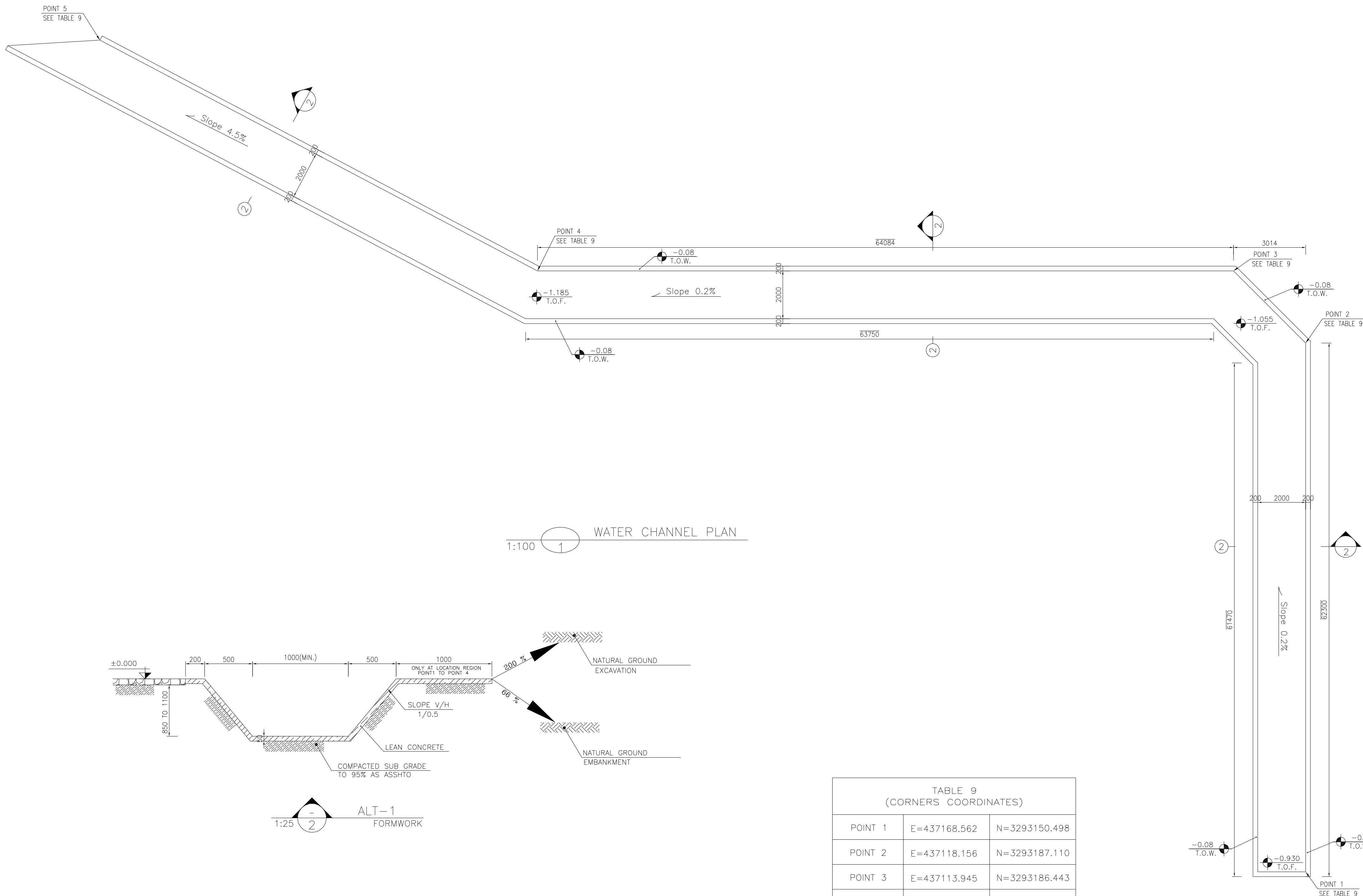
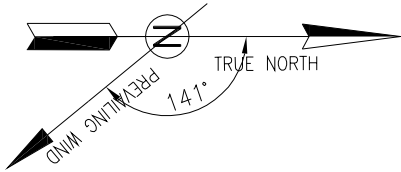
NOTES					
1- ALL COORDINATES ARE IN METER.					
2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.					
3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.					
4-ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(ON CYLINDRICAL SPECIMEN)					
5-ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(ON CYLINDRICAL SPECIMEN)					
6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm ²					
7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.					
8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE: DENSITY : 4.1-5.1 gr/cm ³ THICKNESS : 300-400 MICRON GLOSS : DULL SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2 SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2					
9-JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS.					
10-CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.					
11-GEODEIC PARAMETERS FOR COORDINATES ARE AS BELOW: HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39 ELLIPSOID : WORLD GEODEIC SYSTEM 1984 (WGS84) MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM) VERTICAL DATUM: MSL					
12-THE WATER POOL IS NOT CLIENT REQUIREMENT					
±0.00 = +31.00(R.G.L.)MSL					

LEGEND AND ABBREVIATION			
	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
	GRAVEL	T.O.PIT	TOP OF PIT
	SUB GRADE	B.O.P.	BOTTOM OF PIPE
	SLOPE	R.G.L.	ROUGH GRADING LEVEL

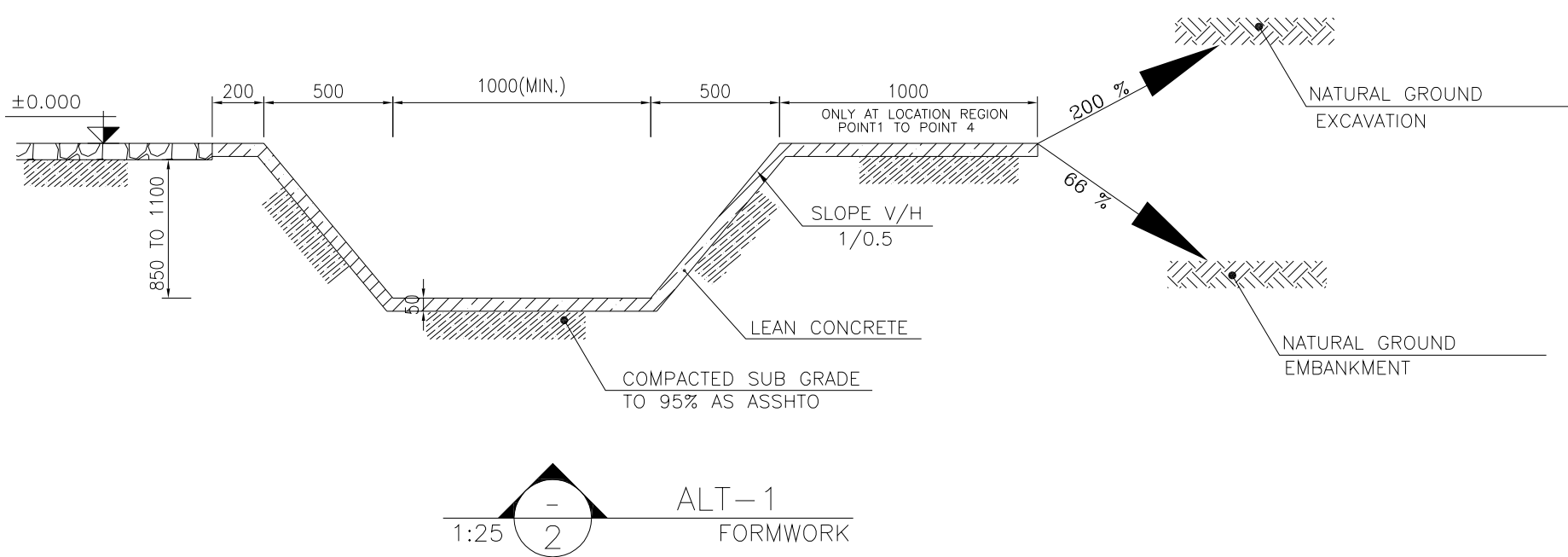
REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT - W028	BK-W028-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS - W028	BK-W028-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SP-0002



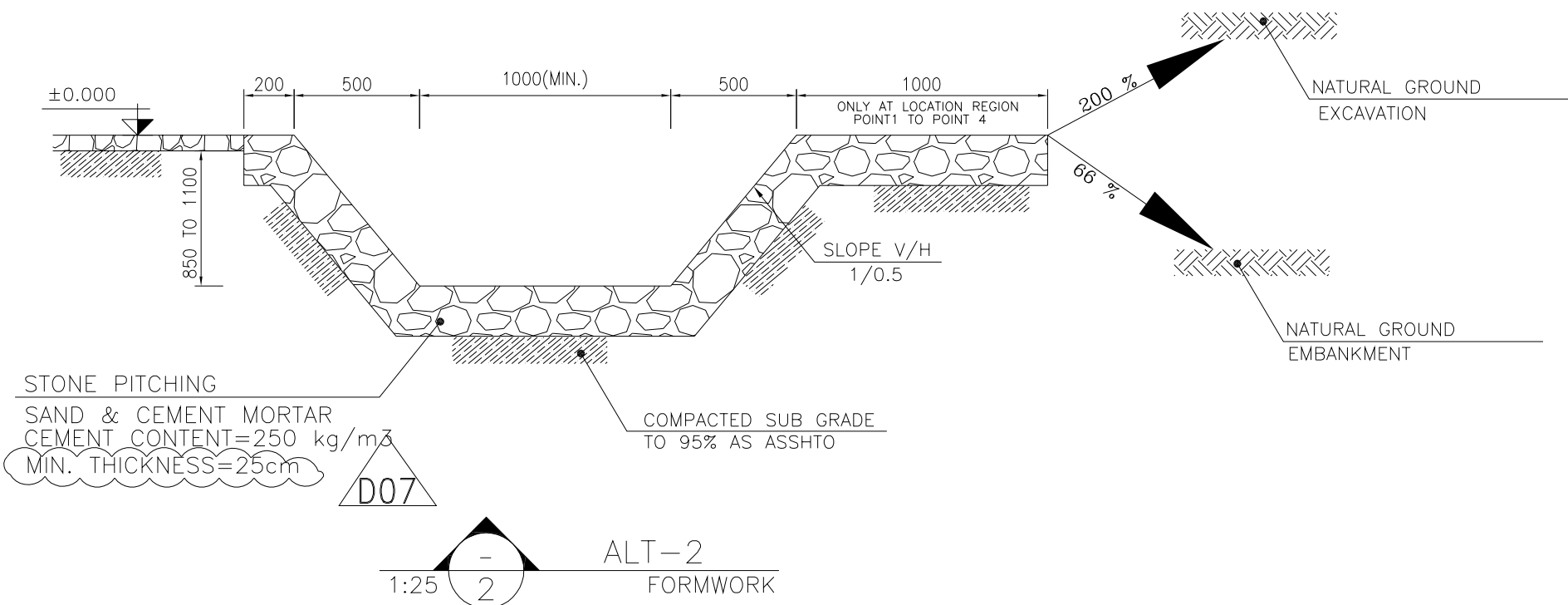
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REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
اصل و کليه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.					
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C. / FIELDS					
BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 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	707548	15
					D07



1:100 WATER CHANNEL PLAN



ALT-1 FORMWORK



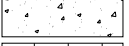
ALT-2 FORMWORK

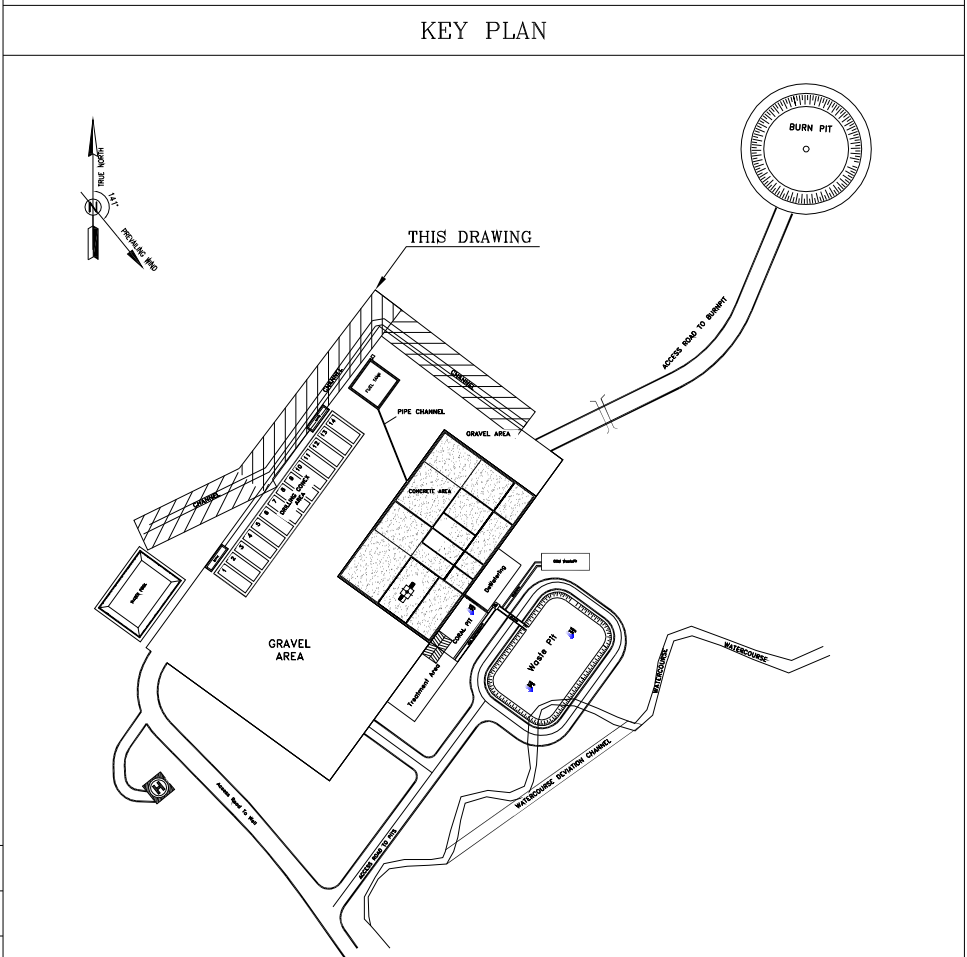
TABLE 9 (CORNERS COORDINATES)		
POINT 1	E=437168.562	N=3293150.498
POINT 2	E=437118.156	N=3293187.110
POINT 3	E=437113.945	N=3293186.443
POINT 4	E=437076.284	N=3293134.594
POINT 5	E=437035.308	N=3293114.433

D07	OCT.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IPC	R. BERLOUEI	M.PAKHARIAN	SH.GHAJIKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME:					BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES														
PROJECT NO.:					971020														
EPC CONTRACTOR:					EPD/EPC CONTRACTOR(GC):														
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES					 PETROIRAN DEVELOPMENT COMPANY														
DRAWING TITLE:										CIVIL AND STRUCTURAL DRAWINGS-W028S WATER CHANNEL FORMWORK PLAN-SECTION									
SCALE			SIZE			DRAWING NO.					SHEET NO.			REV.					
AS SHOWN			A1			BK-W028-PEDCO-110-CV-PY-0002					16 OF 42			D07					

NOTES
1- ALL COORDINATES ARE IN METER. 2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER. 3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION. 4-ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(ON CYLINDRICAL SPECIMEN) 5-ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(ON CYLINDRICAL SPECIMEN) 6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm ² 7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm. 8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE: DENSITY : 4.1-5.1 gr/cm ³ THICKNESS :300-400 MICRON GLOSS : DULL SOLID MATERIAL PERCENTAGE BY WEIGHT :75%±2 SOLID MATERIAL PERCENTAGE BY VOLUME :48%±2 9-JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS. 10-CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m. 11-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: MSL 12-THE WATER POOL IS NOT CLIENT REQUIREMENT
±0.00 = +31.00(R.G.L.)MSL

LEGEND AND ABBREVIATION	
	REINFORCED CONCRETE T.O.F. TOP OF FOUNDATION
	LEAN CONCRETE T.O.W. TOP OF WALL
	CEMENT BLOCK WALL T.O.C. TOP OF CONCRETE
	GRAVEL T.O.PIT TOP OF PIT
	SUB GRADE B.O.P. BOTTOM OF PIPE
	SLOPE R.G.L. ROUGH GRADING LEVEL
REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT -W028	BK-W028-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W028	BK-W028-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SP-0002



***	*****	**	***	**	*****
REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
اصل و کليه 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 W028 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	707548	16 D07

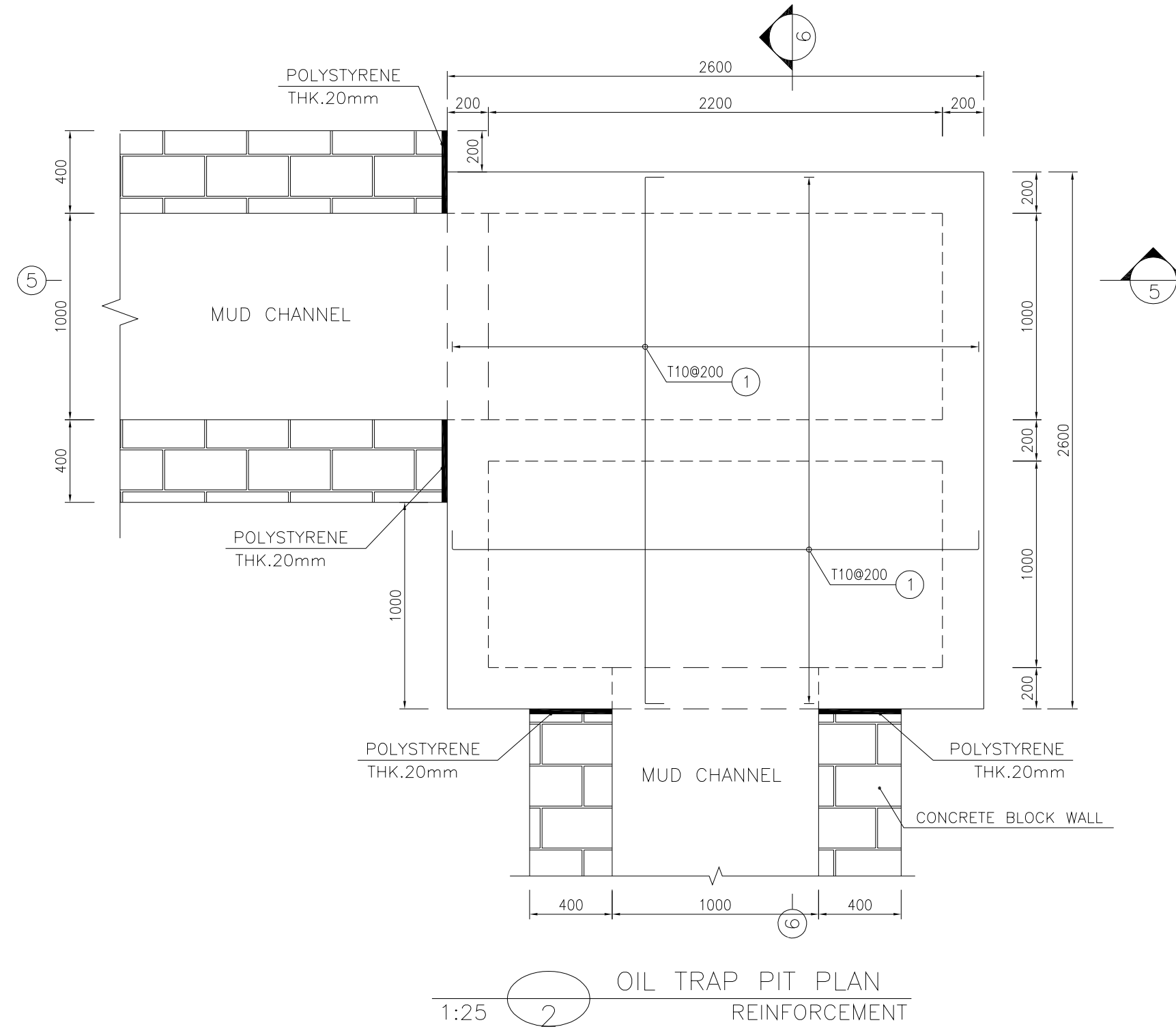
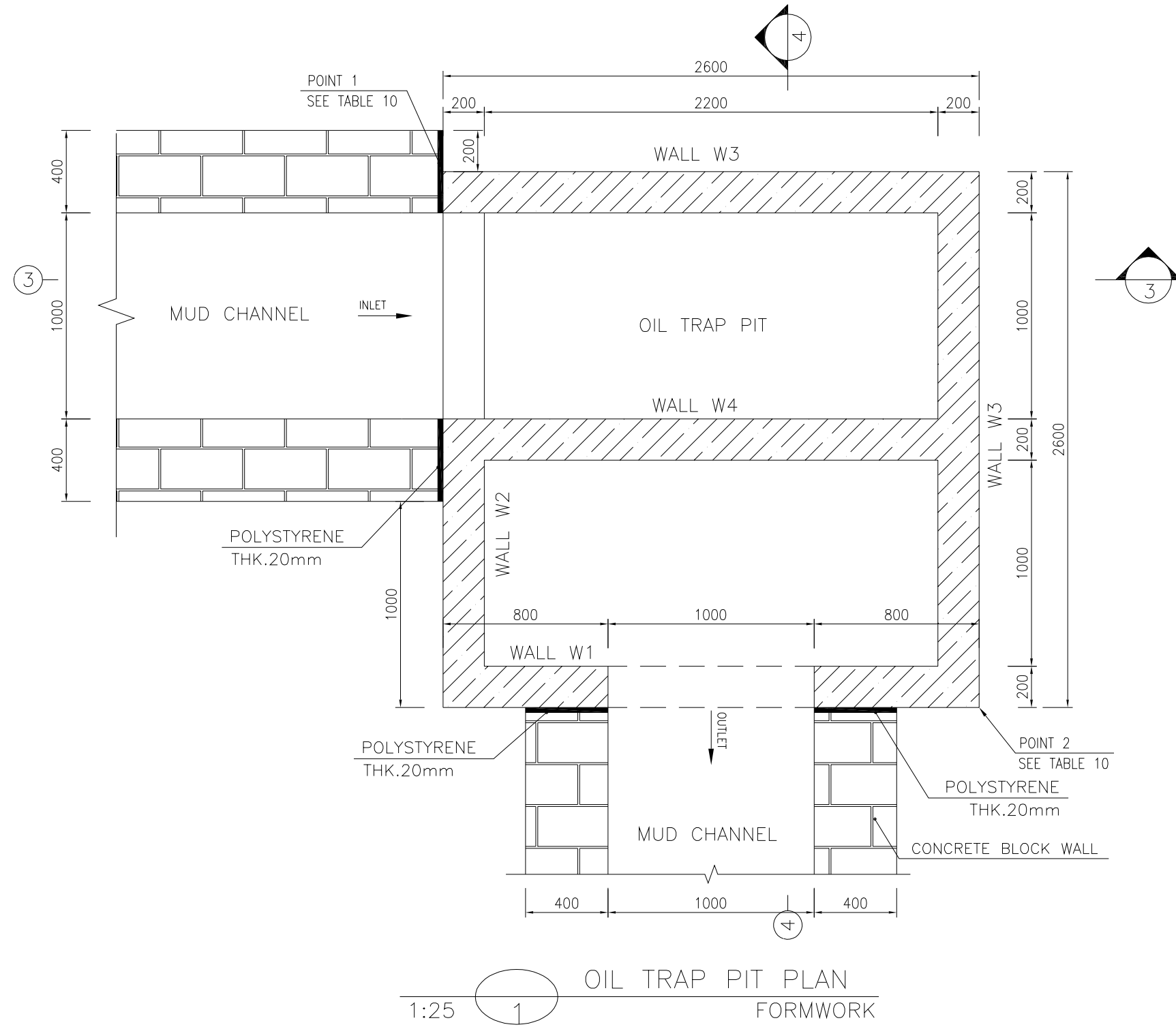
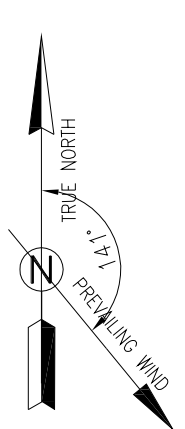


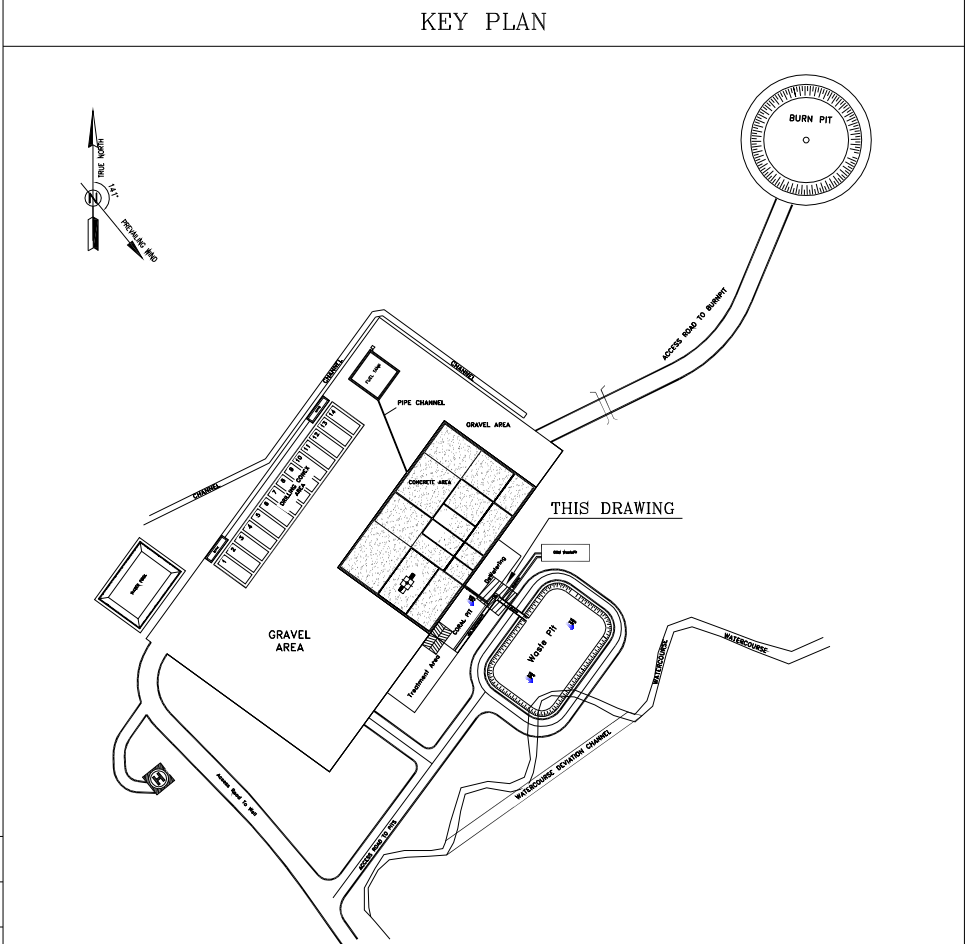
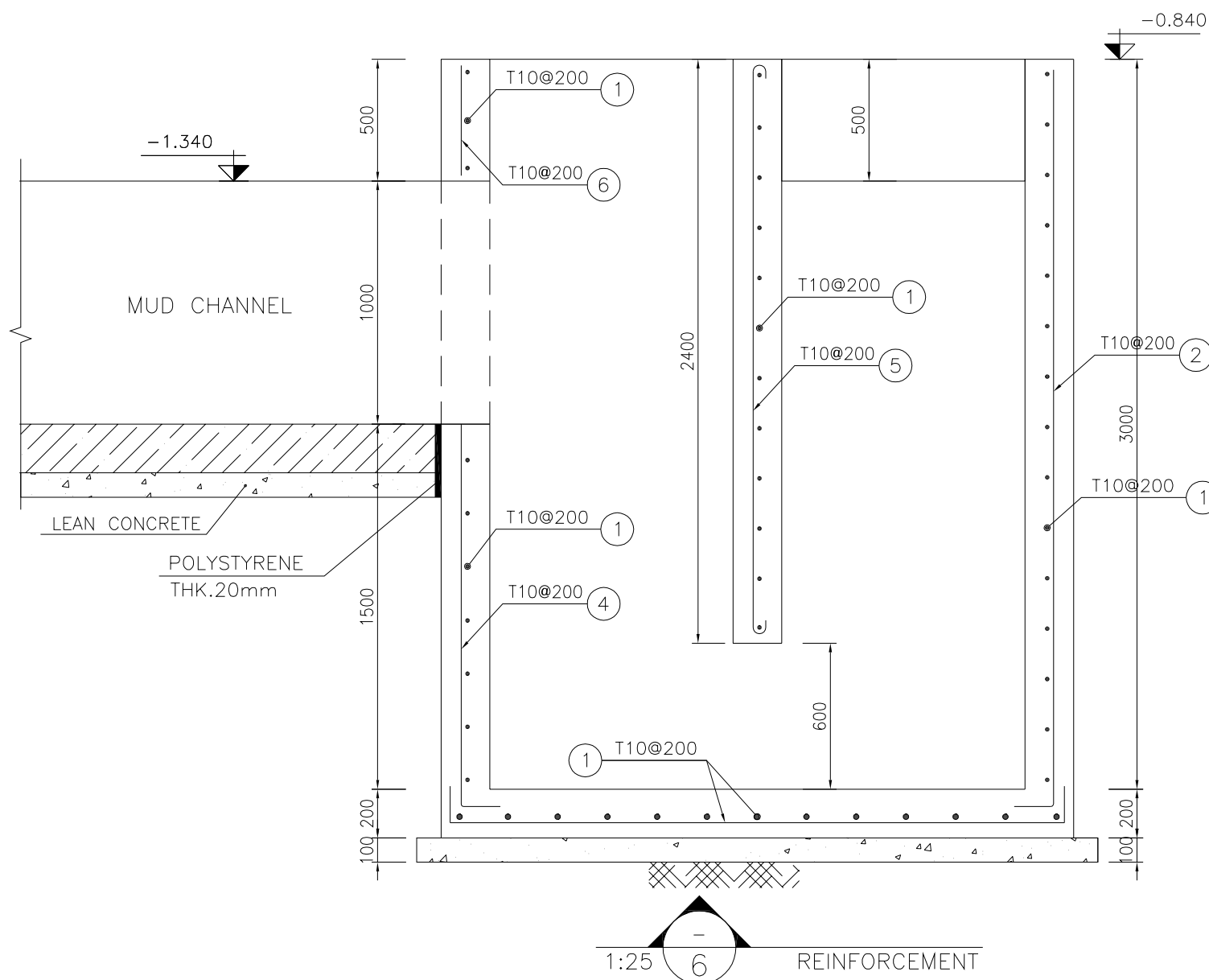
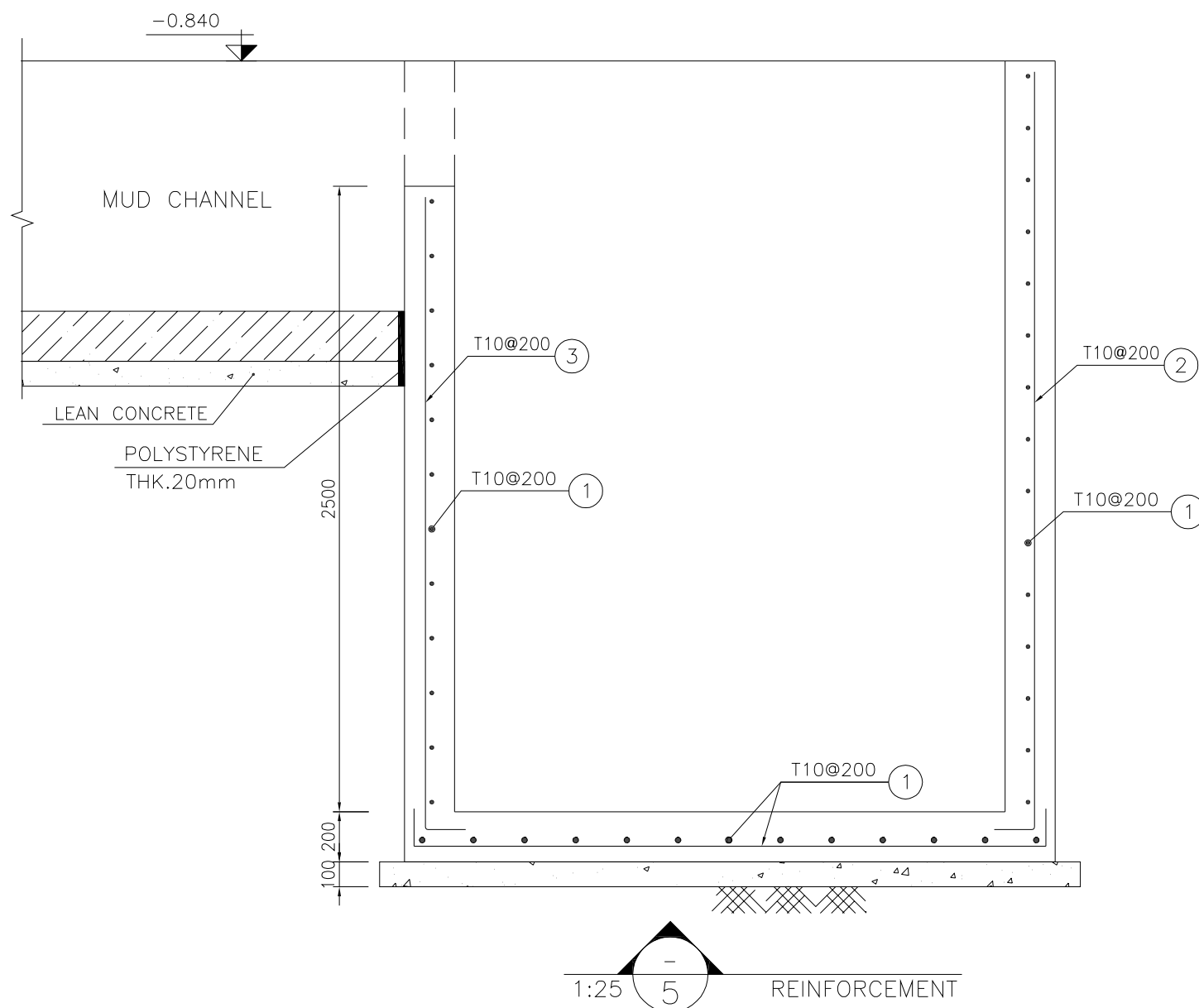
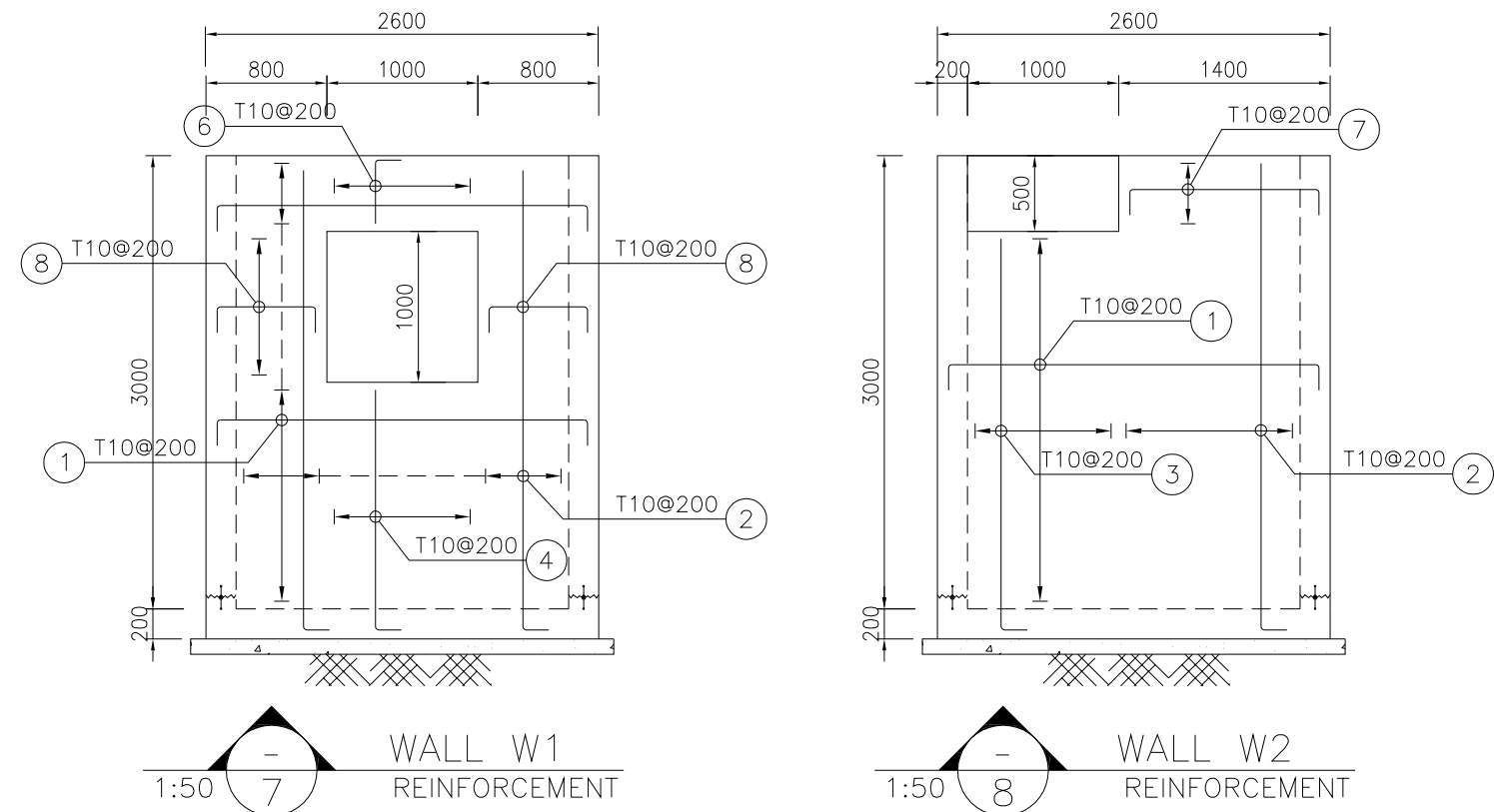
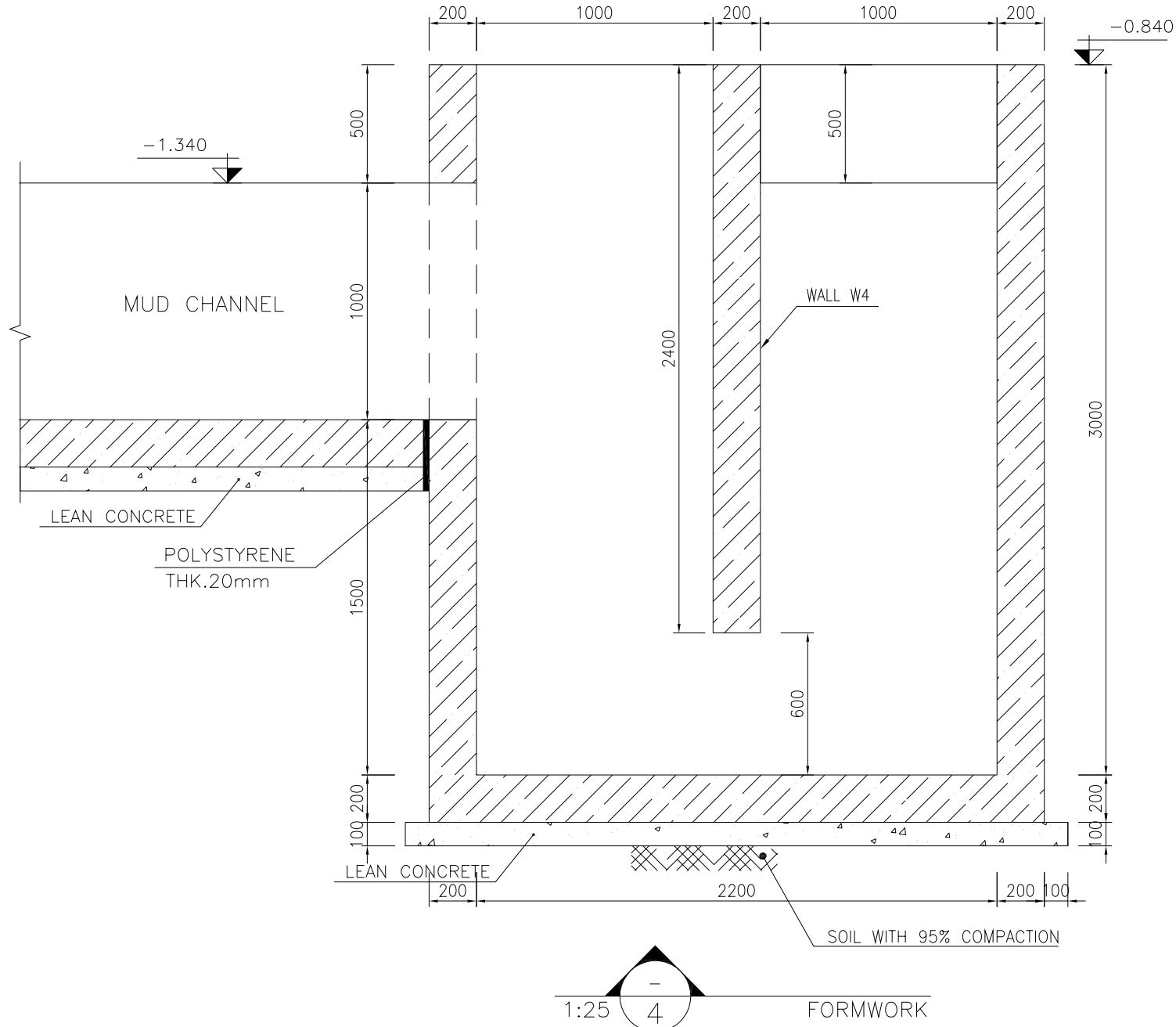
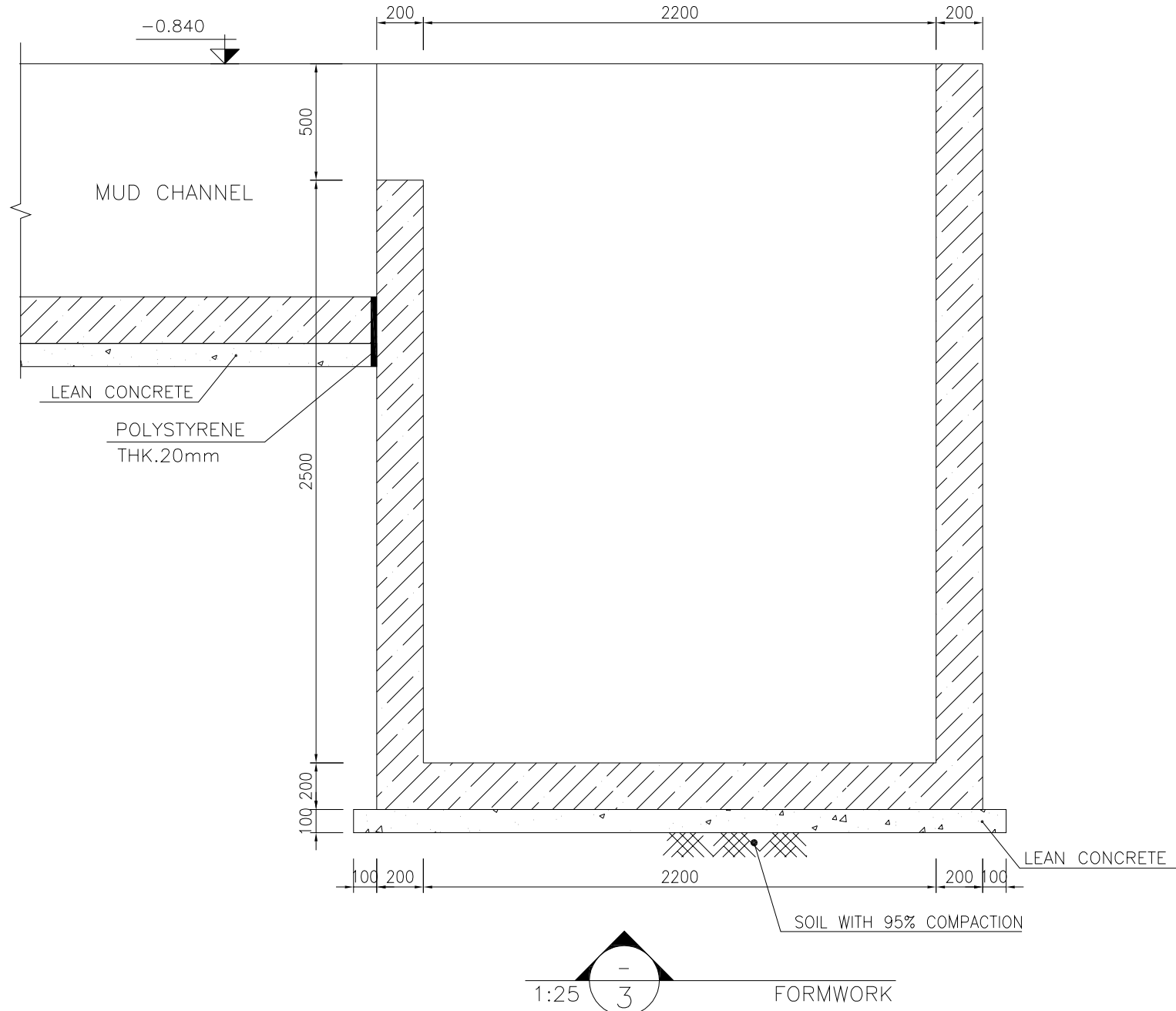
TABLE 10 (CORNERS COORDINATES)		
POINT 1	E=437156.364	N=3293084.891
POINT 2	E=437159.996	N=3293085.467

BAR BENDING SCHEDULE – OIL TRAP PIT						
Pos	Spec.	Shape	L/A	No.	T10	
1	T10	150 2450 150	2.75	90	247.50	
2	T10	150 3050	3.20	40	128.0	
3	T10	150 2050	2.20	5	11.0	
4	T10	150 1550	1.70	5	8.50	
5	T10	2250	2.25	10	22.50	
6	T10	350	0.35	5	1.75	
7	T10	150 1250 150	1.55	3	4.65	
8	T10	150 650 150	0.95	10	9.50	
TOTAL LENGTH OR AREA (m/m ²)					433.40	
UNIT WEICTH (Kg)					0.617	
WEIGHT (Kg)					267.40	
GRAND TOTAL (Kg)					270	

- NOTES
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"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa (ON CYLINDRICAL SPECIMEN)
 - ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa (ON CYLINDRICAL SPECIMEN)
 - REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm²
 - MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
 - SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1–5.1 gr/cm³
THICKNESS : 300–400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
 - JOINT SEALANT MATERIALS SHALL BE WETHER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS.
 - CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
 - GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
 - THE WATER POOL IS NOT CLIENT REQUIREMENT
- ±0.00 = +31.00(R.G.L.)MSL

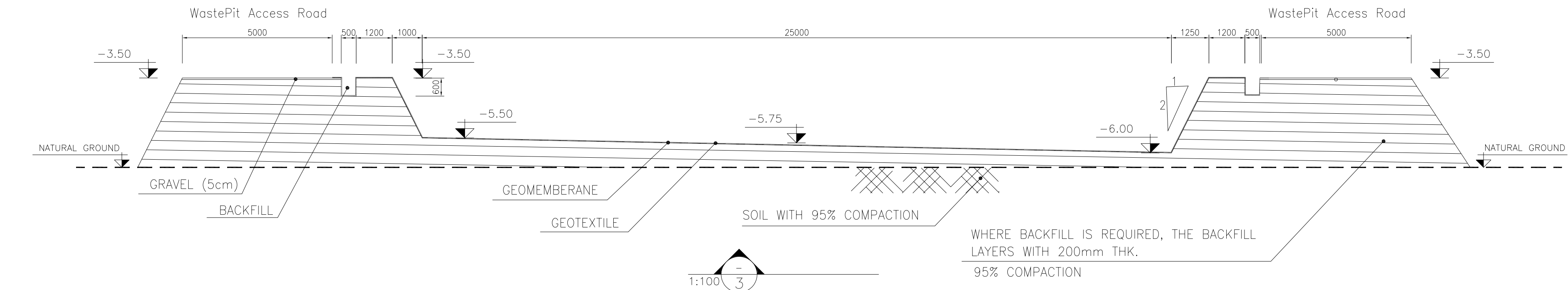
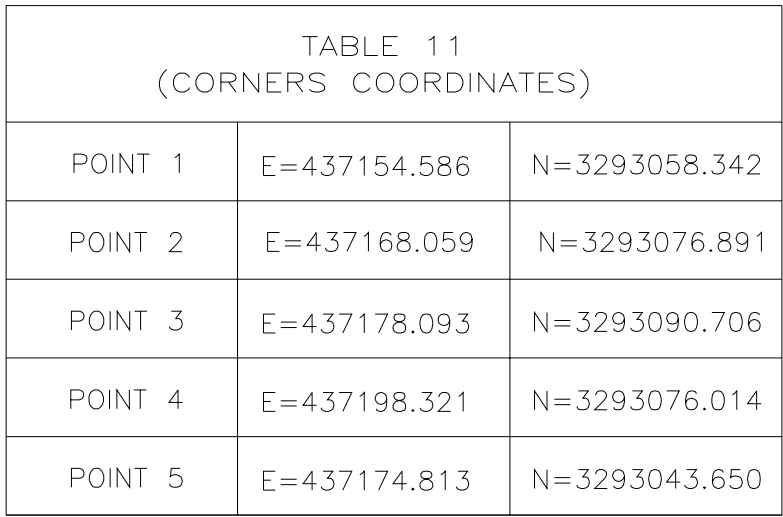
LEGEND AND ABBREVIATION	
	REINFORCED CONCRETE T.O.F. TOP OF FOUNDATION
	LEAN CONCRETE T.O.W. TOP OF WALL
	CEMENT BLOCK WALL T.O.C. TOP OF CONCRETE
	GRAVEL T.O.PIT TOP OF PIT
	SUB GRADE B.O.P. BOTTOM OF PIPE
	SLOPE R.G.L. ROUGH GRADING LEVEL

REFERENCE DRAWING	DRG. No.
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GENERAL NOTES – REINFORCED CONCRETE STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT – W028	BK-W028-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS – W028	BK-W028-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SP-0002



D07	OCT.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IFC	R. BERLOUEI	M.PAKHARIAN	SH.GHALUKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES						
PROJECT NO.:			971020			
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):			
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S OIL TRAP PIT FORMWORK & REINFORCEMENT PLAN-SECTIONS						
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			17 OF 42	D07

***	*****	***	*****	***	*****
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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BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 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	707548	17 D07

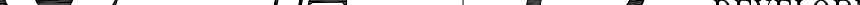


D07	OCT.2022	IFA	R. BERLOUFI	M.PAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUFI	M.PAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUFI	M.PAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUFI	M.PAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUFI	M.PAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUFI	M.PAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUFI	M.PAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IFC	R. BERLOUFI	M.PAKHARIAN	SH.GHALALI	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES
W028 WELLHEAD FACILITIES

PROJECT NO.:	971020
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EPC CONTRACTOR:	EPD/EPC CONTRACTOR(GC):
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HIRGAN ENERGY - DESIGN & INSPECTION

COMPANIES	FILES
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS WOOD	

CIVIL AND STRUCTURAL DRAWINGS-W0285
WASTE PIT PLAN-SECTIONS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
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AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002	18 OF 42	D07
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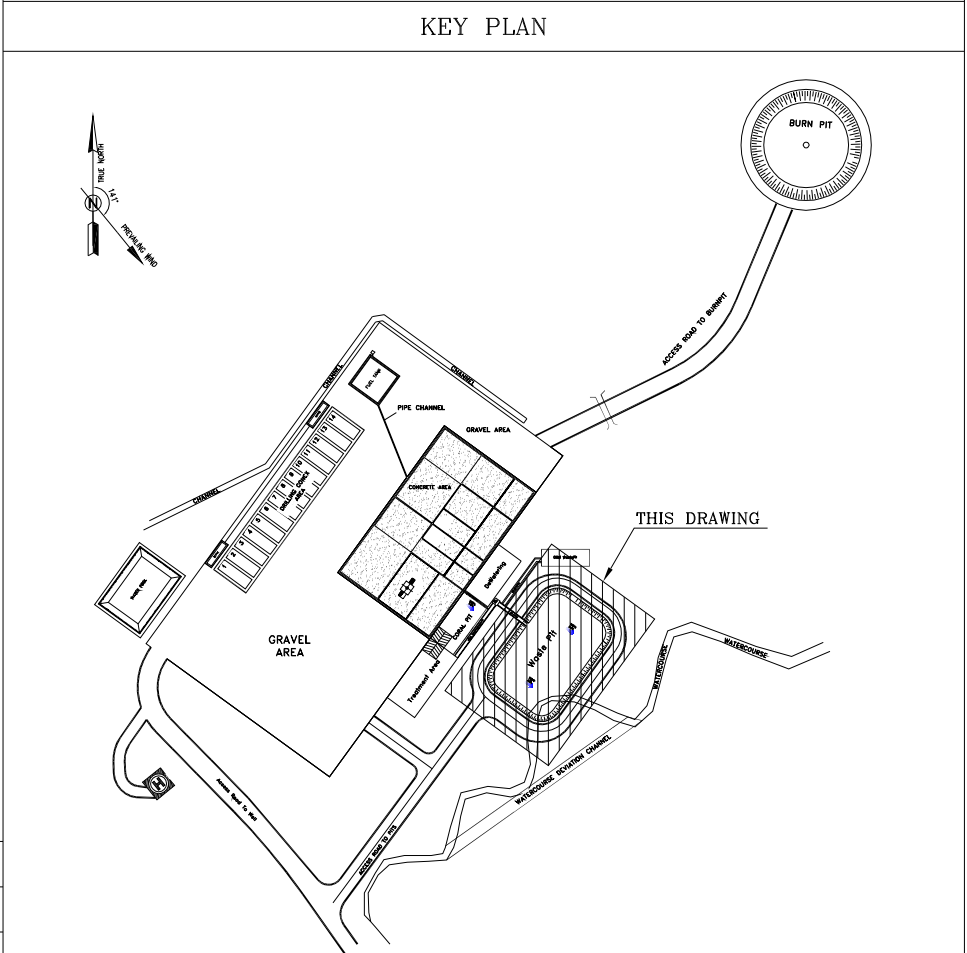
NOTES

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- 5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
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THICKNESS : 300-400 MICRON
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- 11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 38
ELLIPSOID : WGS84
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: NSI
- 12- THE WATER POOL IS NOT CLIENT REQUIREMENT

$\pm 0.00 = +31.00(\text{R.G.L.})\text{MSL}$

LEGEND AND ABBREVIATION			
	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
	GRAVEL	T.O.PIT	TOP OF PIT
	SUB GRADE	B.O.P.	BOTTOM OF PIPE
	SLOPE	R.G.L.	ROUGH GRADING LEVEL

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT - W028	BK-W028-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS - W028	BK-W028-PEDCO-110-CV-PY-0002
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SP-0002



***	*****	** **	*** ****	** **	*** ****
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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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W028 WELLHEAD FACILITIES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.
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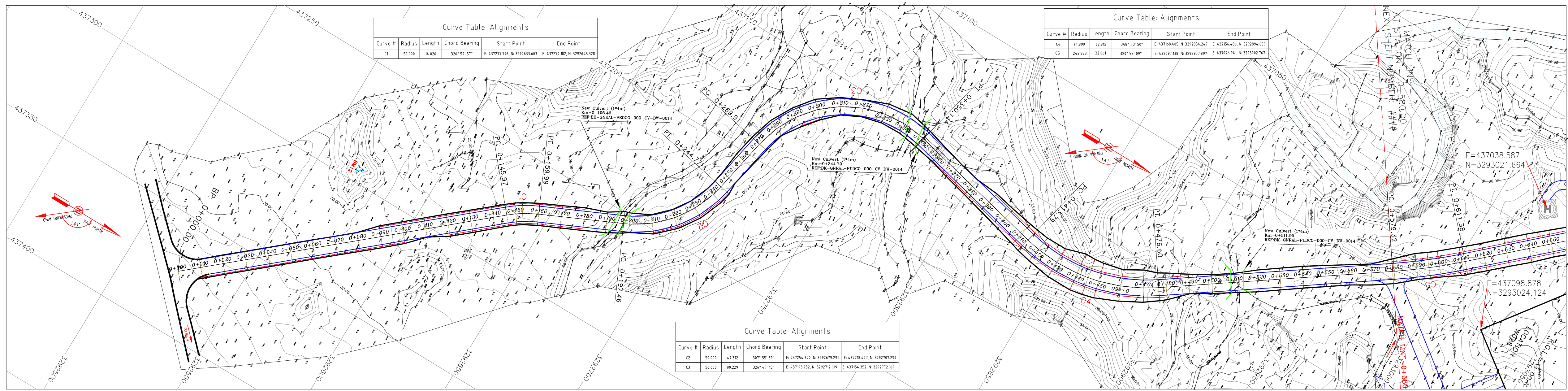
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED				

APPROVED FOR CONSTRUCTION			BY:	DATE:
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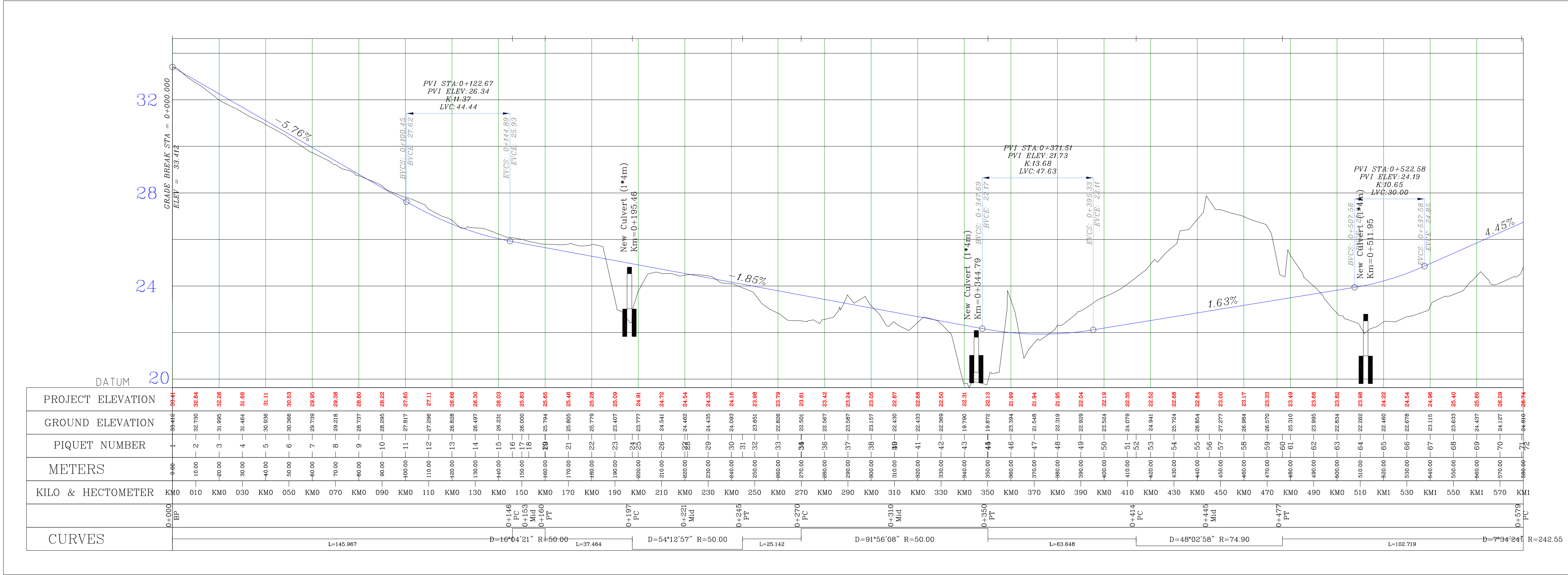
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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053-073-9184	F	4	S	707548	18	D07
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[illegible]



MAIN ACCESS ROAD PLAN
H: 1/1000
V: 1/100



MAIN ACCESS ROAD PROFILE
H: 1/1000
V: 1/100

BENCH MARK LIST			
NAME	Easting(m)	Northing(m)	Elevation(m)
BM12	437294.141	3292567.901	35.395
BM14	437204.521	3292998.852	38.676

Station	Northing	Easting
0+000.00	3292523.50	437373.63
0+100.00	3292598.93	437307.98
0+200.00	3292681.57	437253.24
0+300.00	3292725.96	437167.58
0+400.00	3292820.80	437165.36
0+500.00	3292913.16	437142.97

PI Station	Northing	Easting
0+000.00	3292523.50	437373.63
0+153.03	3292638.93	437273.16
0+223.05	3292702.49	437243.57
0+321.63	3292721.73	437142.93
0+447.17	3292866.81	437175.78

D07	OCT.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**
D05	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IPC	R. BERLOUEI	M.FAKHARIAN	SH.GHALKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES 						

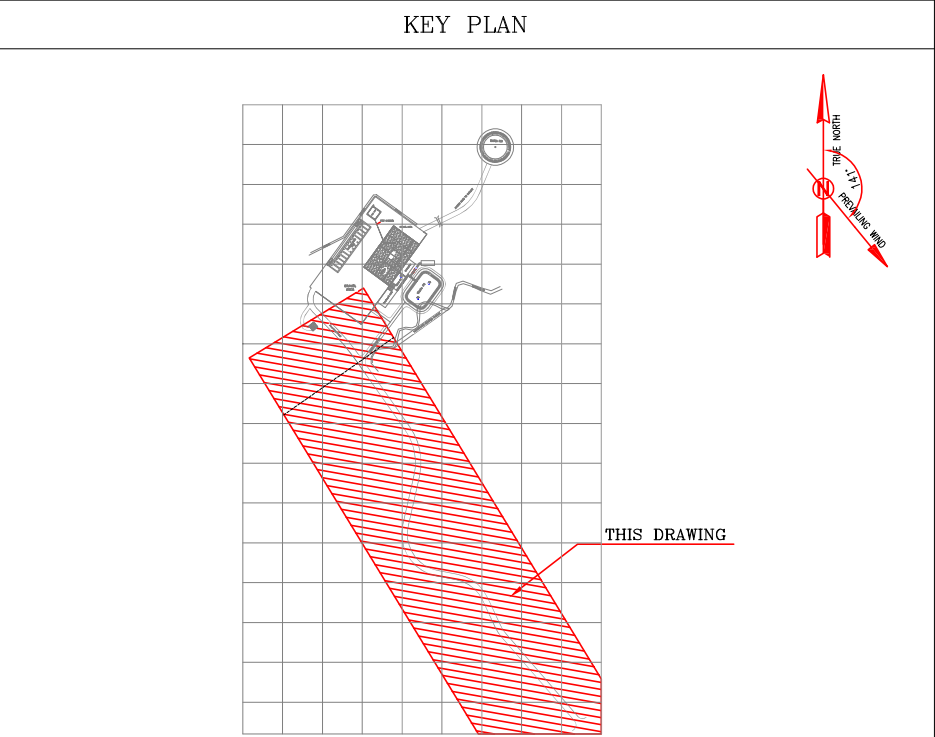
- NOTES
- 1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
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 - 3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
 - 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 SOIL SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION

- LEGEND
- | | | | |
|--|---------------|--|--------------|
| | WELL LOCATION | | CANAL |
| | WELL | | RIVER |
| | SITE | | WATER COURSE |
| | CAMP SITE | | CONTOURS |
| | ASPHALT ROAD | | SPOT HEIGHT |
| | GRAVEL ROAD | | BENCH MARK |
| | PROPOSED ROAD | | BRIDGE |
| | DAYLIGHT | | CULVERT |

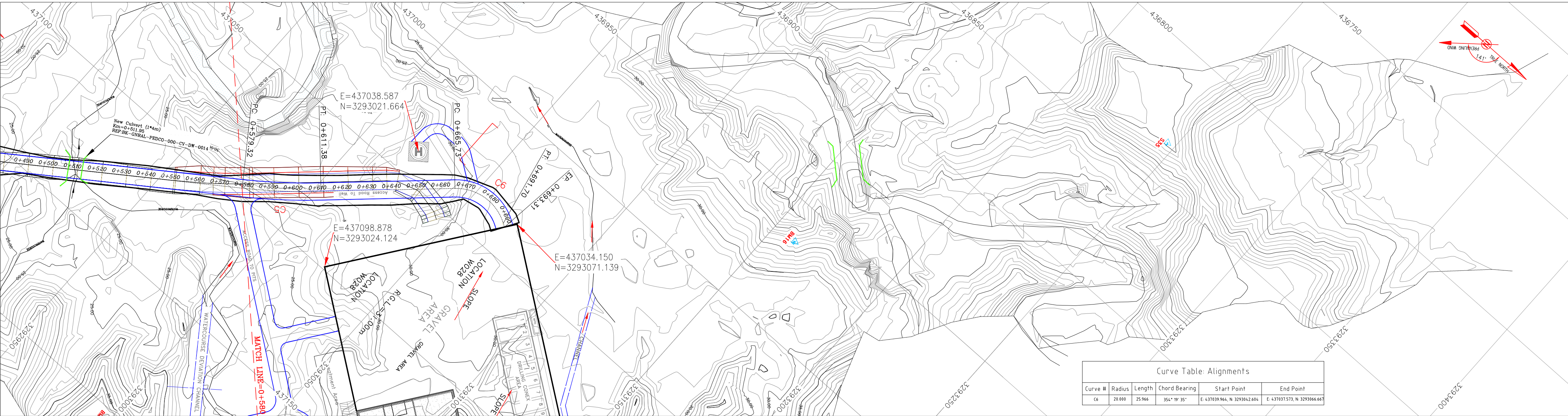
REFERENCE DRAWING	DRG. No.
General Civil Layout -W028	BK-W028-PEDCO-110-CV-PY-0001
Rough Grading Plans -W028	BK-W028-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRL-PEDCO-000-CV-DW-0014
Specification For Earth Work	BK-GNRL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRL-PEDCO-000-CV-DW-0002
Specification For Road & Paving	BK-GNRL-PEDCO-000-CV-SP-0002

ABBREVIATION

PT= POINT
PVI= POINT OF VERTICAL INTERSECTION
LVC= LENGTH OF VERTICAL CURVE
BVCS= BEGIN OF VERTICAL CURVE STATION
BVCE= BEGIN OF VERTICAL CURVE ELEVATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION

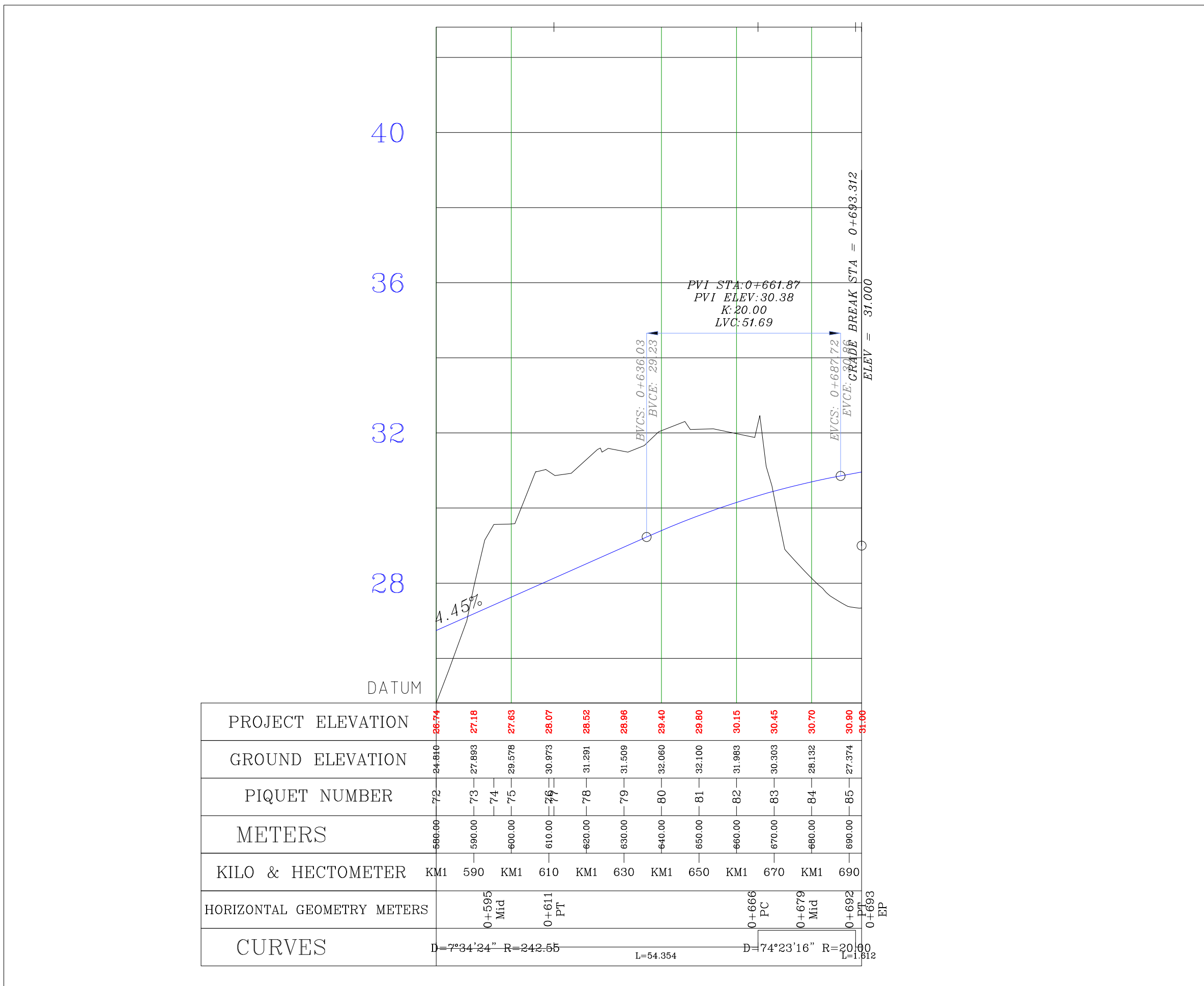


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REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
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BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES					
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.	
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED					
APPROVED FOR CONSTRUCTION		BY:		DATE:	
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET
053-073-9184	F	4	S	707548	20
				D07	



1
H: 1/1000
V: 1/100

MAIN ACCESS ROAD PLAN



2
H: 1/1000
V: 1/100

MAIN ACCESS ROAD PROFILE

BENCH MARK LIST			
NAME	Easting(m)	Northing(m)	Elevation(m)
BM16	436964.749	3293160.118	37.566
S35	436834.486	3293246.697	45.665

PI Station	Northing	Easting
0+595.37	3292991.00	437087.86
0+680.91	3293053.73	437029.64
0+693.31	3293068.04	437038.42

Station	Northing	Easting
0+600.00	3292994.25	437084.48
0+693.31	3293068.04	437038.41

D07	OCT.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IPC	R. BERLOUEI	M.FAKHARIAN	SH.GHALKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

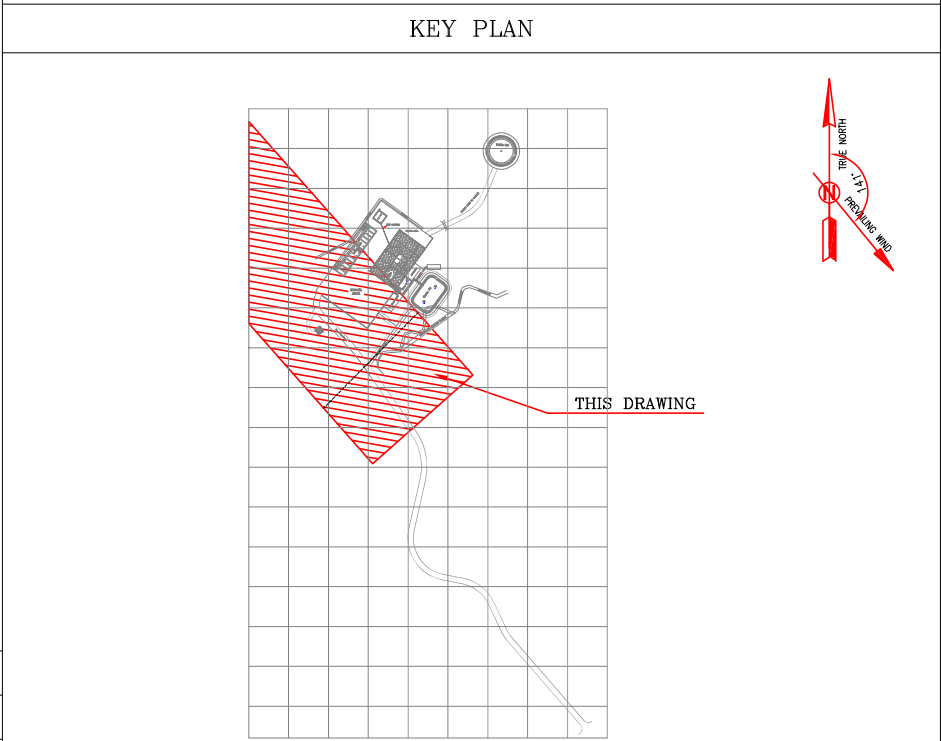
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES					
PROJECT NO.:			971020		
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):		
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY		
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S ACCESS ROAD PLAN AND PROFILE SECTION					
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002		21 of 42	D07

- 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: MSL
 - 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 SOIL SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION

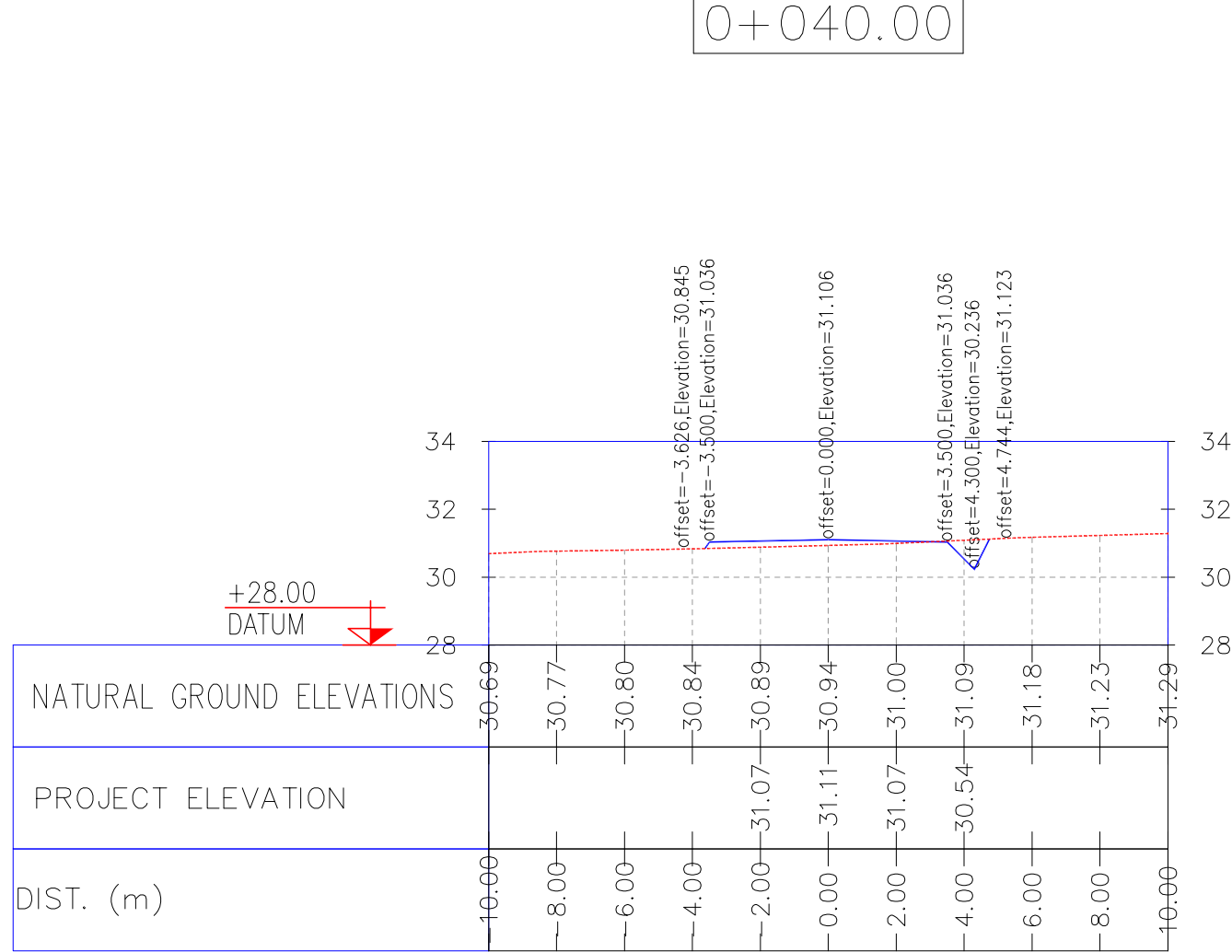
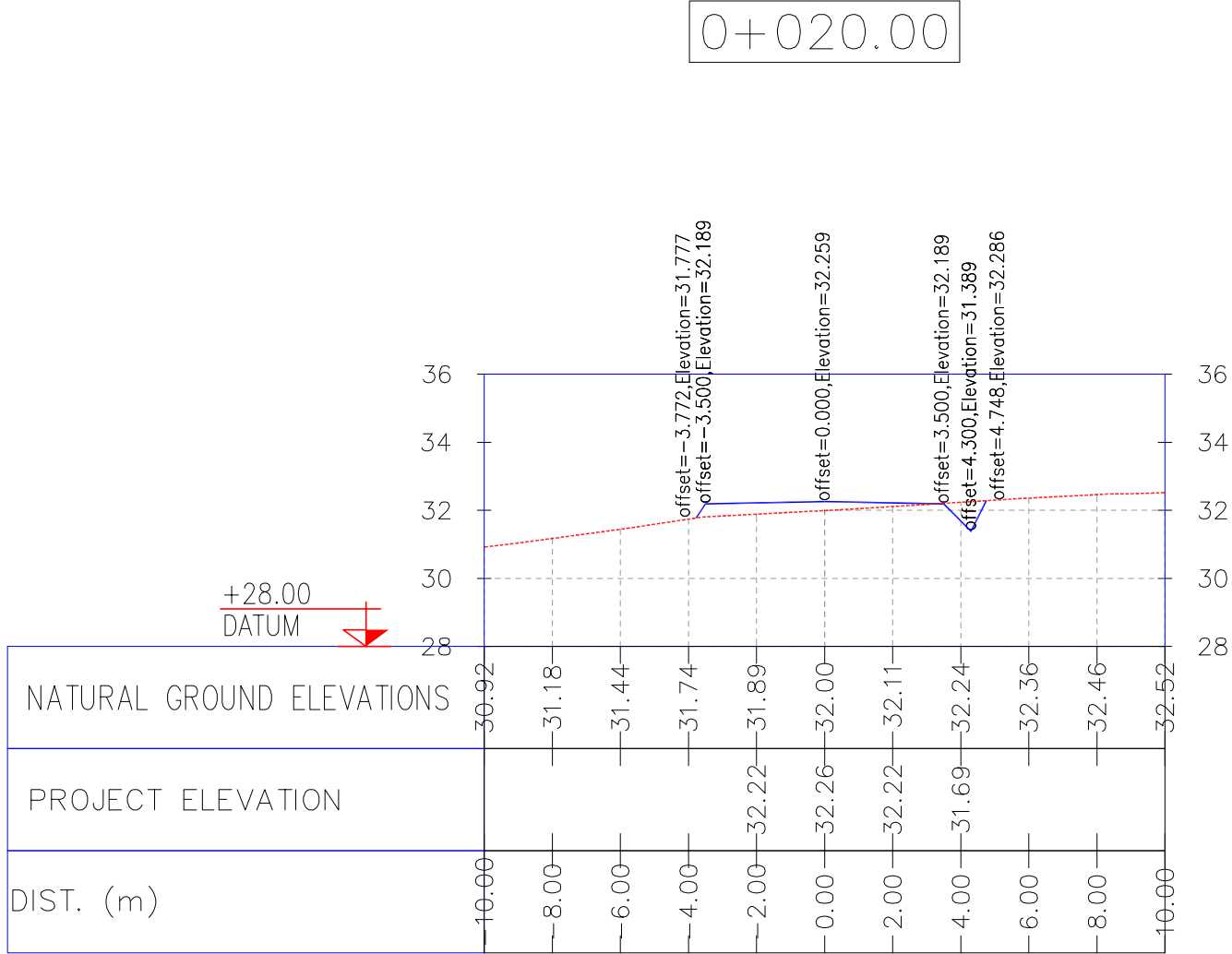
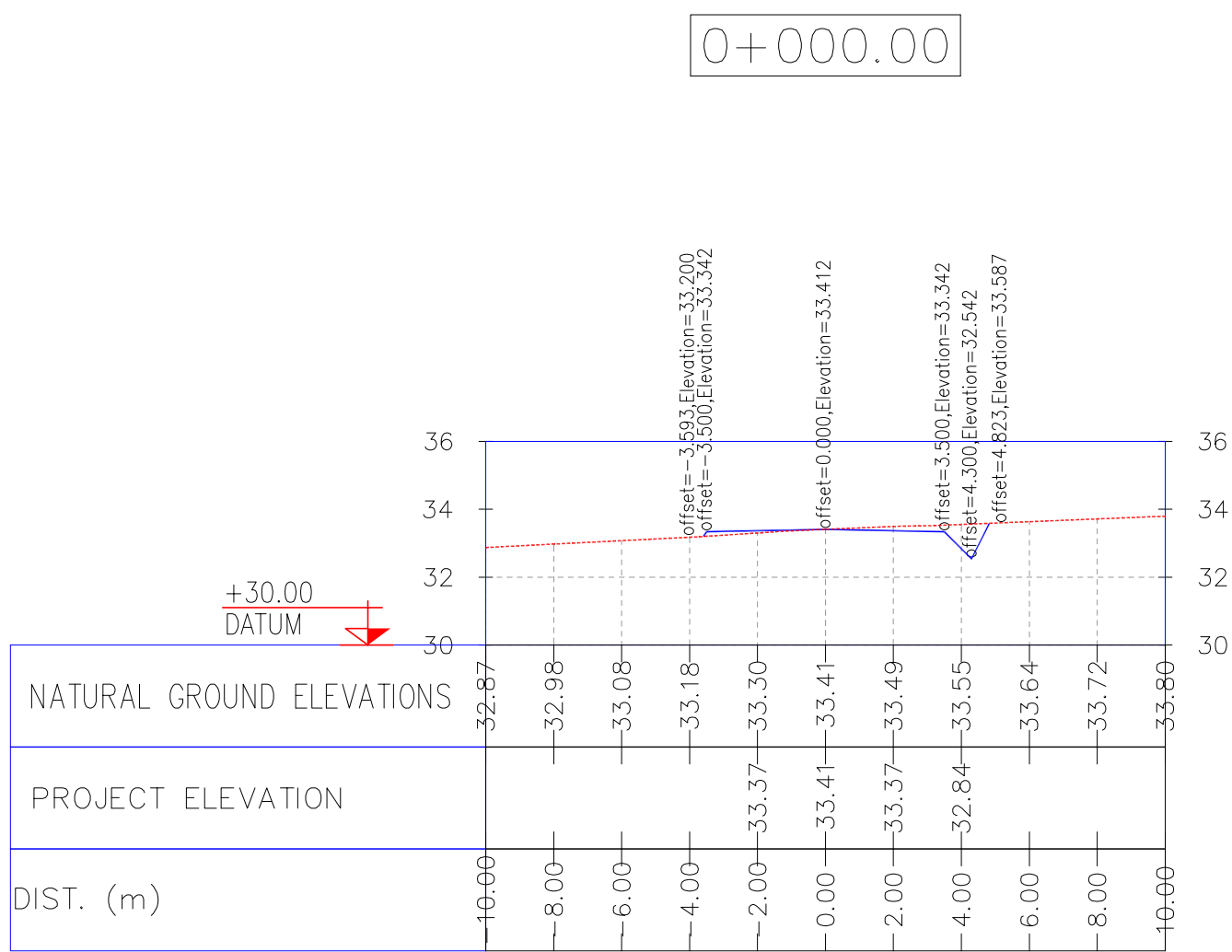
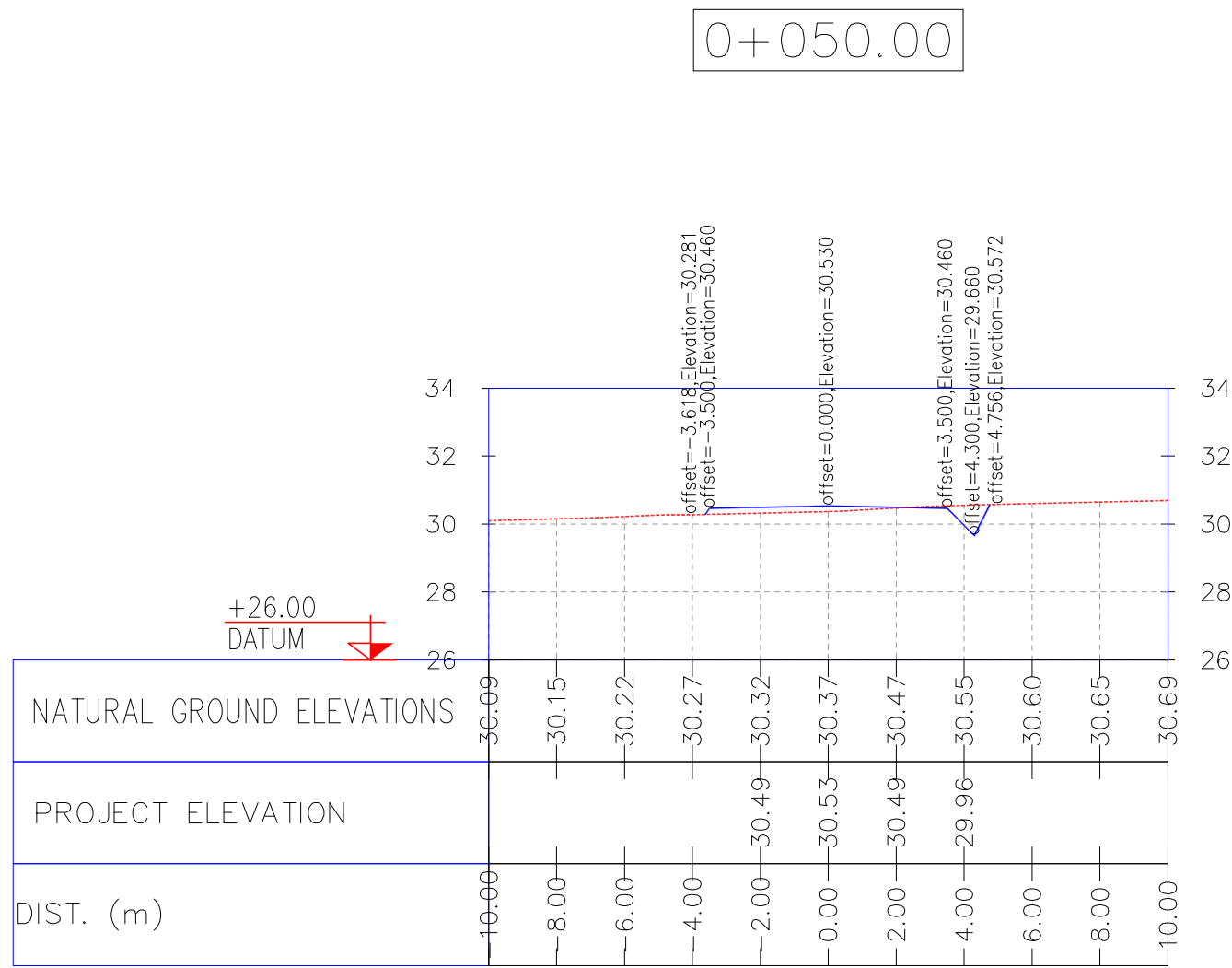
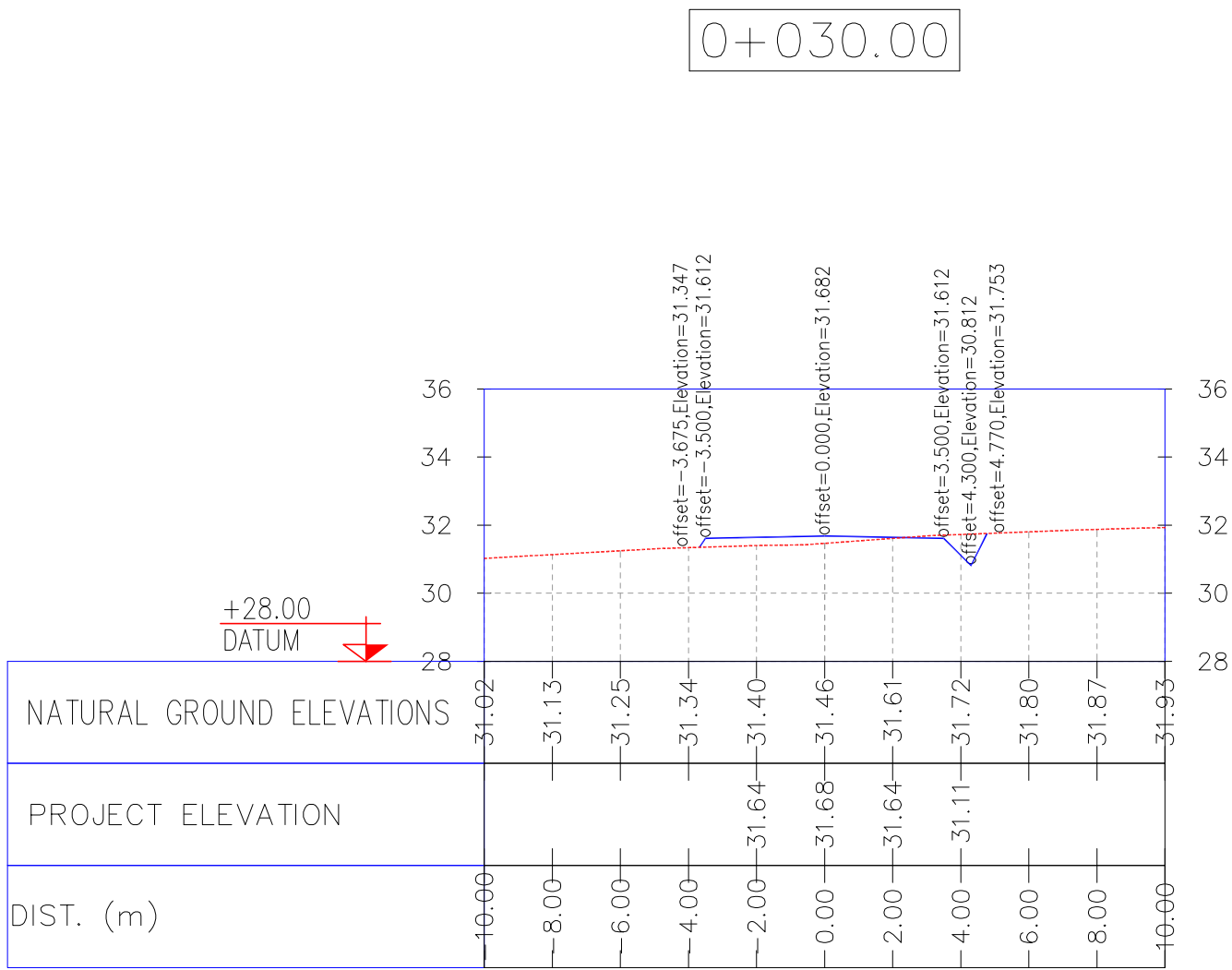
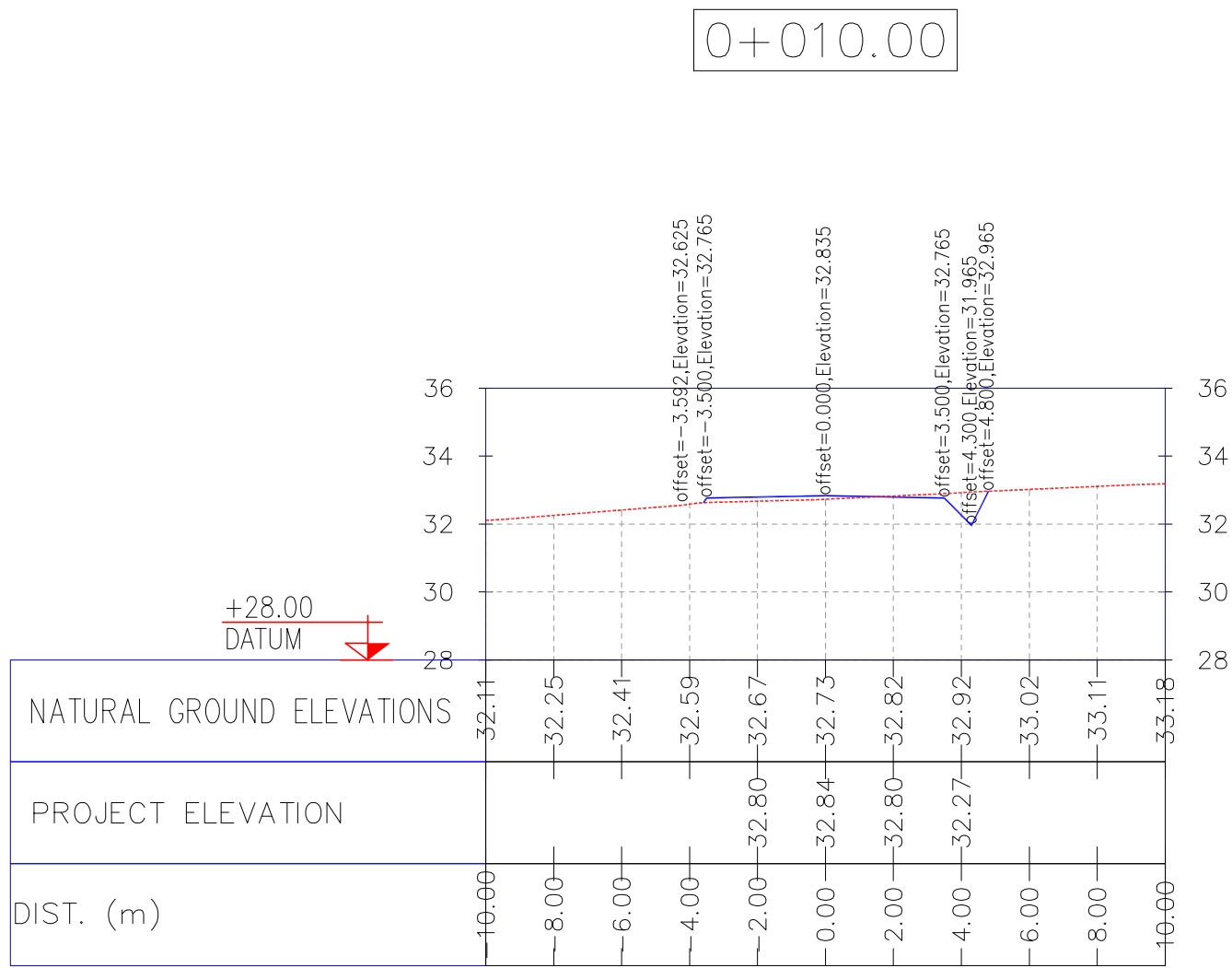
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	WELL LOCATION	 CANAL
	WELL	 RIVER
	SITE	 WATER COURSE
	CAMP SITE	 CONTOURS
	ASPHALT ROAD	 SPOT HEIGHT
	GRAVEL ROAD	 BENCH MARK
	PROPOSED ROAD	 BRIDGE
	DAYLIGHT	 CULVERT

REFERENCE DRAWING	DRG. No.
General Civil Layout -W028	BK-W028-PEDCO-110-CV-PY-0001
Rough Grading Plans -W028	BK-W028-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRL-PEDCO-000-CV-DW-0014
Specification For Earth Work	BK-GNRL-PEDCO-000-CV-SP-0004
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Specification For Road & Paving	BK-GNRL-PEDCO-000-CV-SP-0002

ABBREVIATION
PT= POINT PVI= POINT OF VRTICAL INTERSECTION LVC= LENGTH OF VERTICAL CURVE BVCS= BEGIN OF VERTICAL CURVE STATION BVCE= BEGIN OF VERTICAL CURVE ELEVATION EVCS= END OF VERTICAL CURVE STATION EVCE= END OF VERTICAL CURVE ELEVATION



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		CHECKED REV. APPR.			
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BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 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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ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL

LEGEND

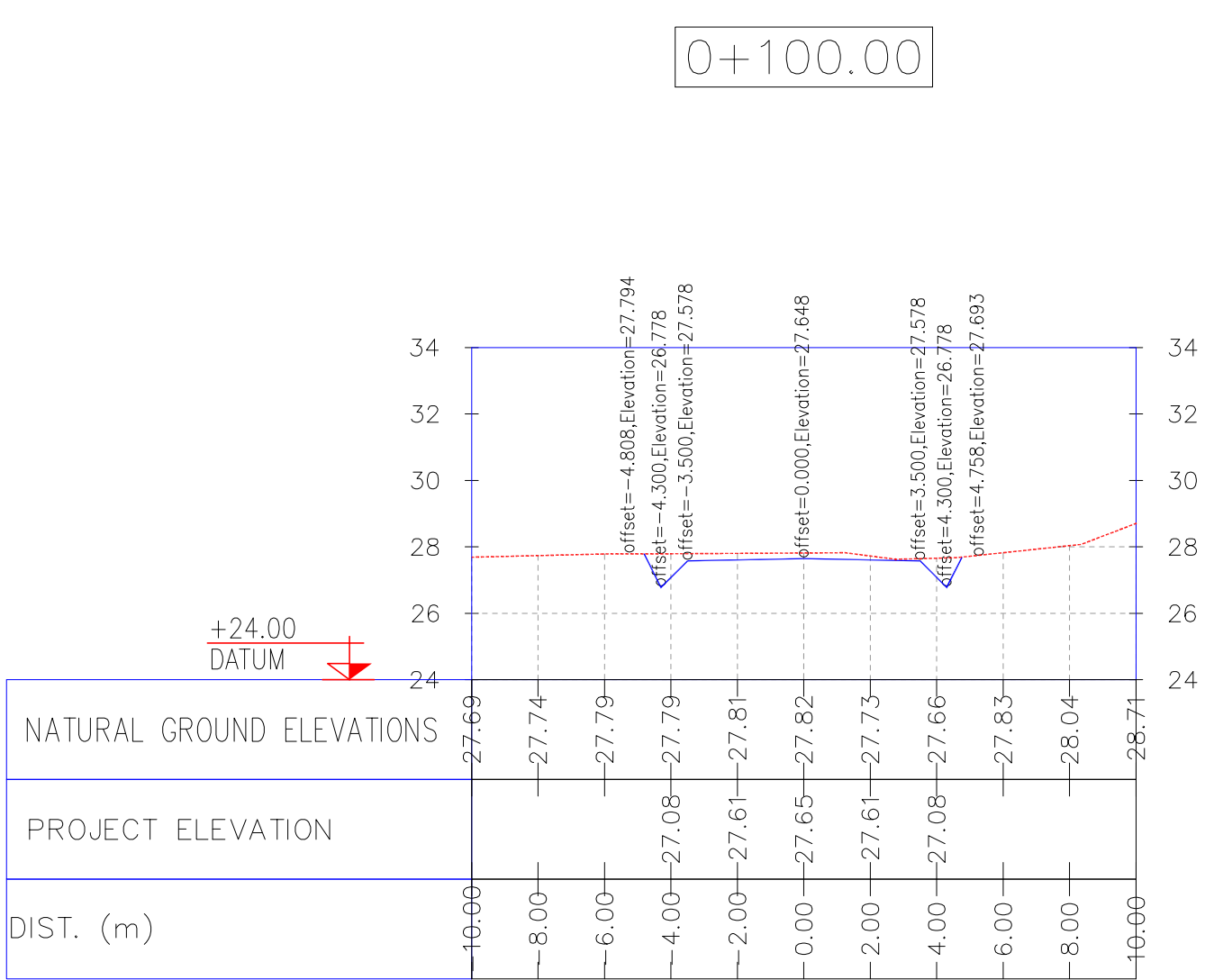
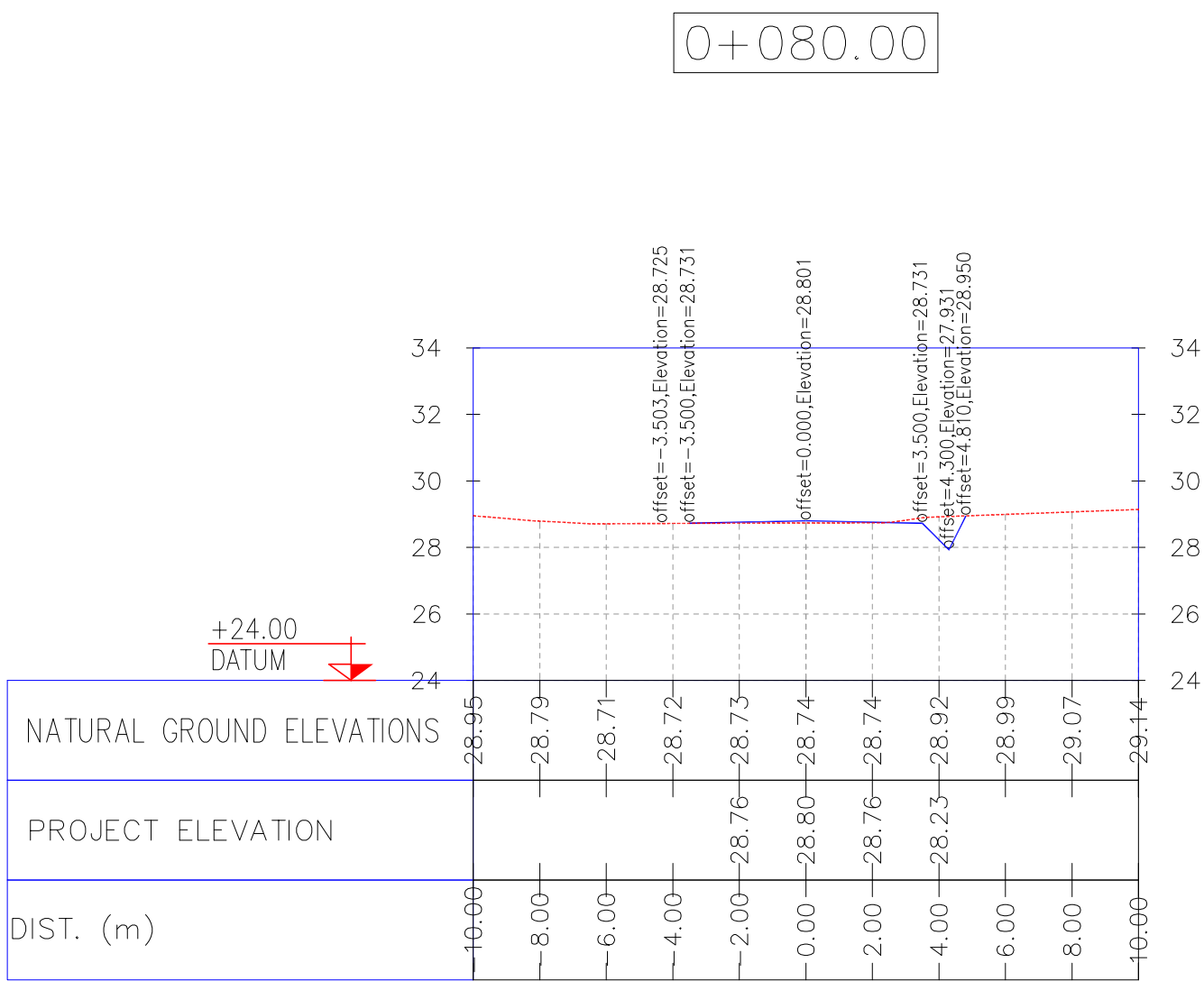
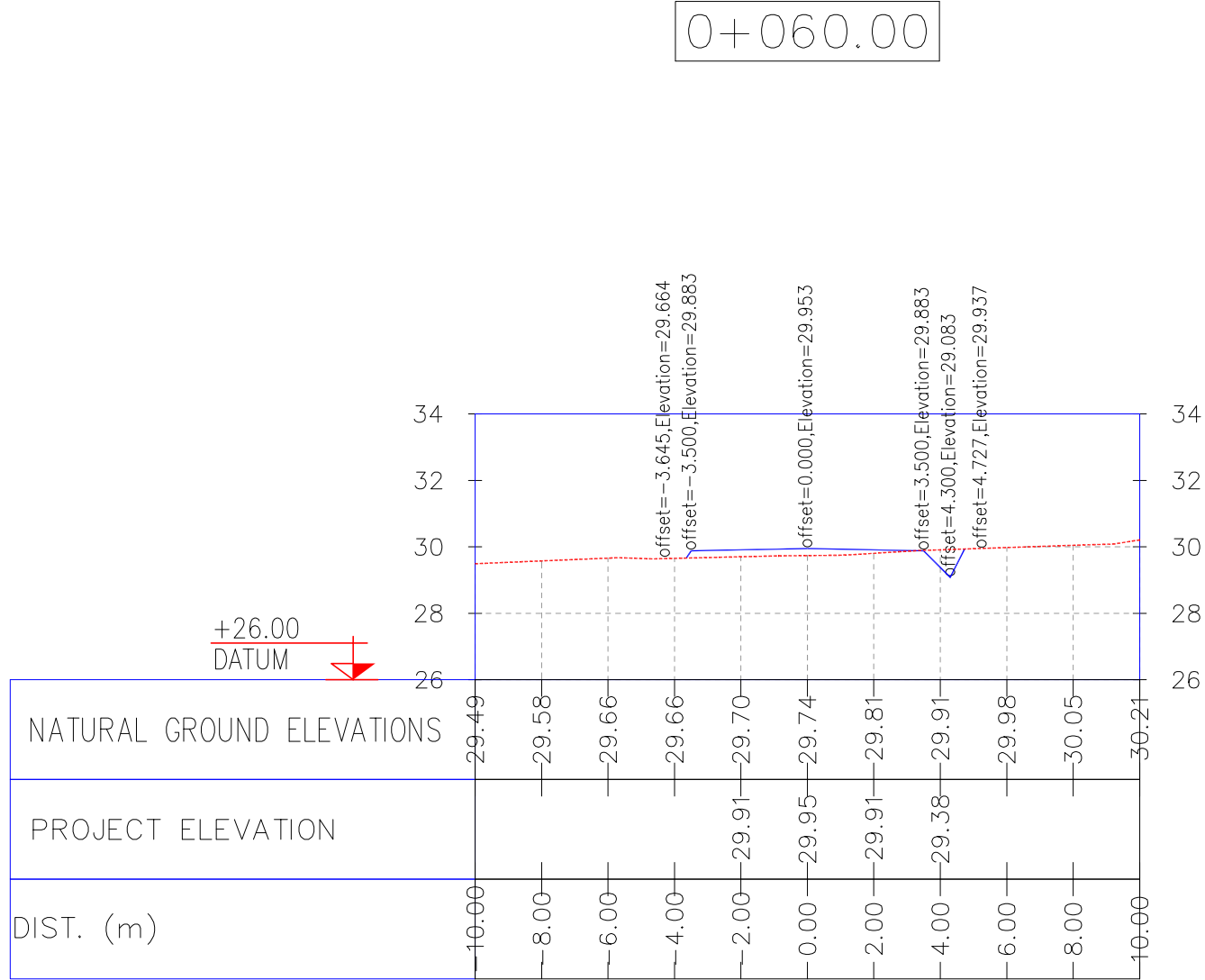
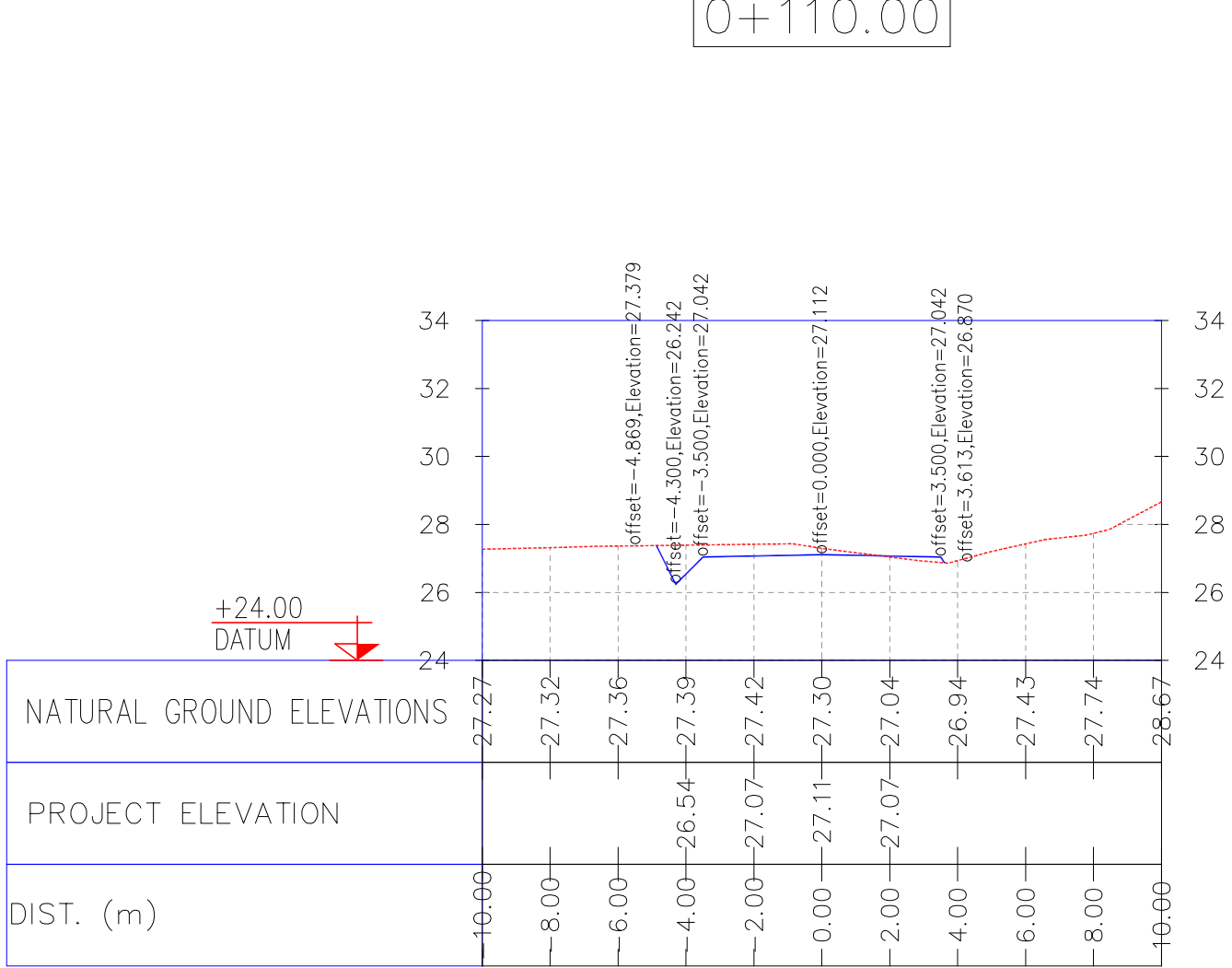
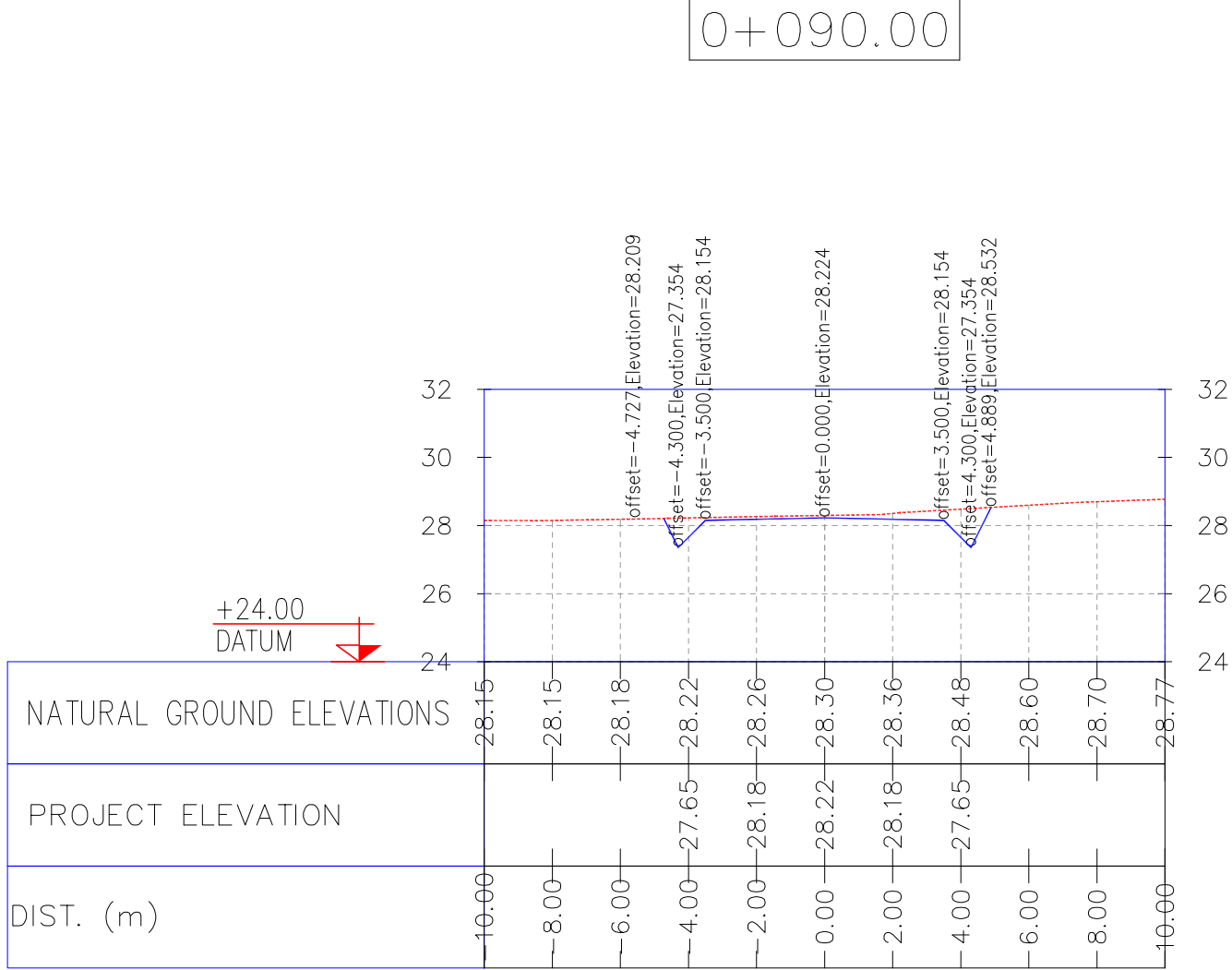
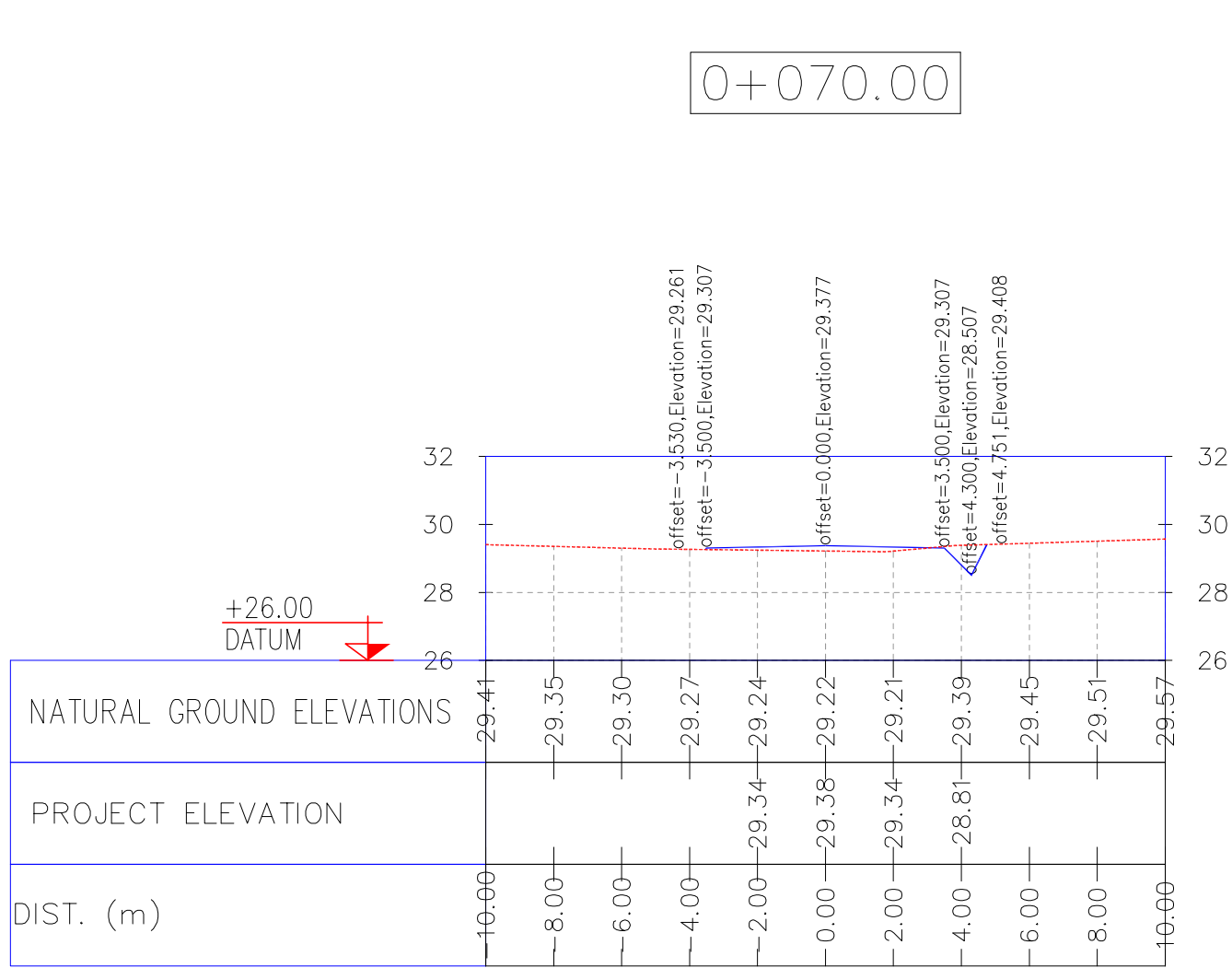
REFERENCE DRAWING	DRG. No.
General Civil Layout -W028	BK-W028-PEDCO-110-CV-PY-0001
Rough Grading Plans -W028	BK-W028-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

KEY PLAN

D07	OCT.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IPC	R. BERLOUEI	M.FAKHARIAN	SH.GHALKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES					
PROJECT NO.:		971020			
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):		
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY		
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S ACCESS ROAD TRANSVERSAL SECTIONS KM 10 ~50M					
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W028-PEDCO-110-CV-PY-0002		22 of 42	D07

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REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
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BINAK OILFIELD DEVELOPMENT SUB - SURFACE WORK PACKAGES W028 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	707548	22 D07



NOTES

LEGEND

REFERENCE DRAWING

DRG. No.

General Civil Layout -W028

BK-W028-PEDCO-110-CV-PY-0001

Rough Grading Plans -W028

BK-W028-PEDCO-110-CV-DW-0001

Standard Drawing For Culvert & Details

BK-GNRAL-PEDCO-000-CV-DW-0014

Specification For Earth Work

BK-GNRAL-PEDCO-000-CV-SP-0004

Standard Drawing For Slope Protection Details

BK-GNRAL-PEDCO-000-CV-DW-0002

KEY PLAN

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: MSL

REV.

DESCRIPTION

BY

DATE

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APPR.

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HIRGAN ENERGY

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HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

PEDCO

PETROIRAN DEVELOPMENT COMPANY

DRAWING TITLE:

CIVIL AND STRUCTURAL DRAWINGS-W028S

ACCESS ROAD TRANSVERSAL SECTIONS KM 70 ~110M

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION

BY:

DATE:

SCALE

SIZE

DRAWING NO.

SHEET NO.

REV.

BUDGET REF.

LOCATION

SIZE

CLASS

SERIAL NO.

SHEET

REVISION

H=1/200

V=1/200

A1

BK-W028-PEDCO-110-CV-PY-0002

23 of 42

D07

053-073-9184

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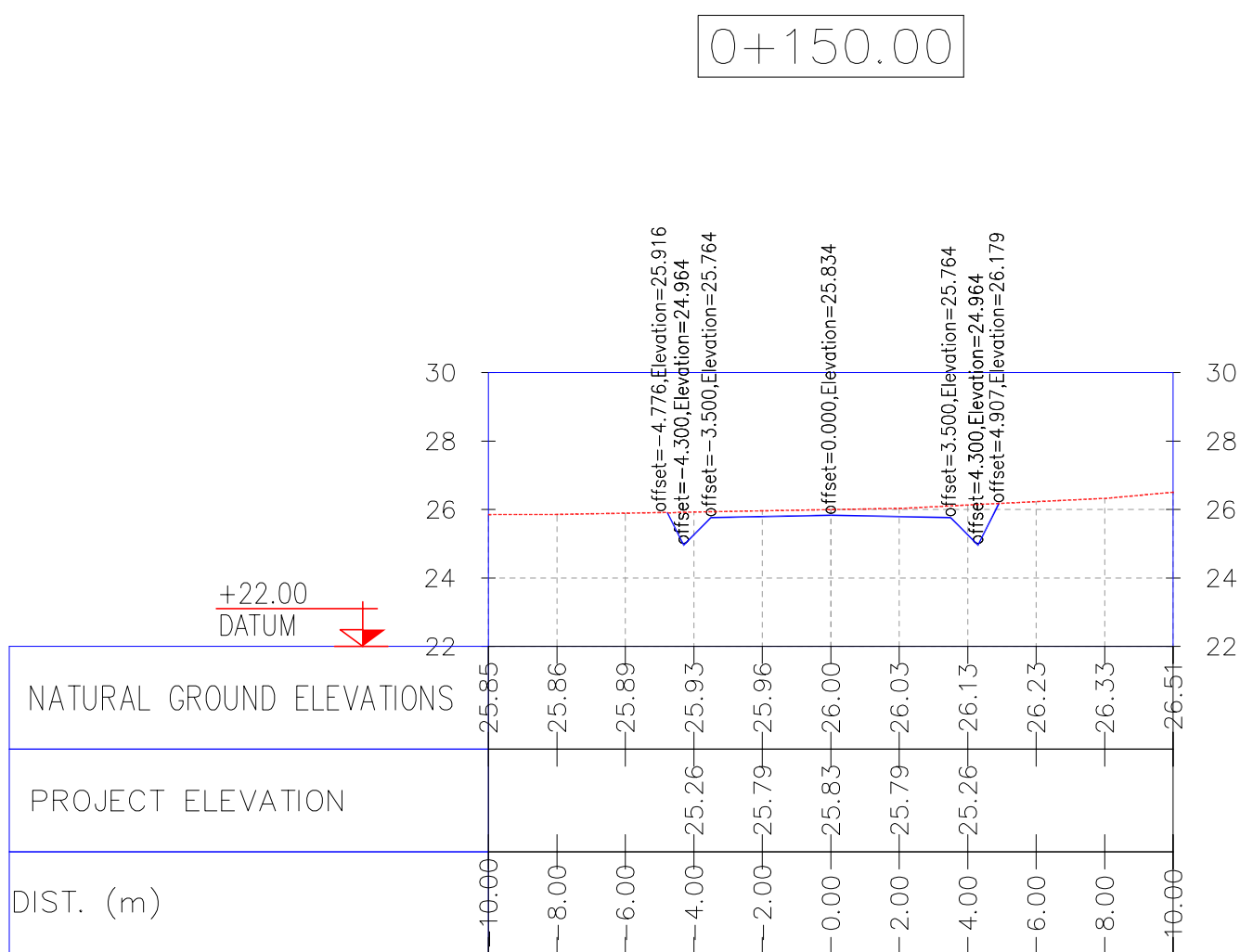
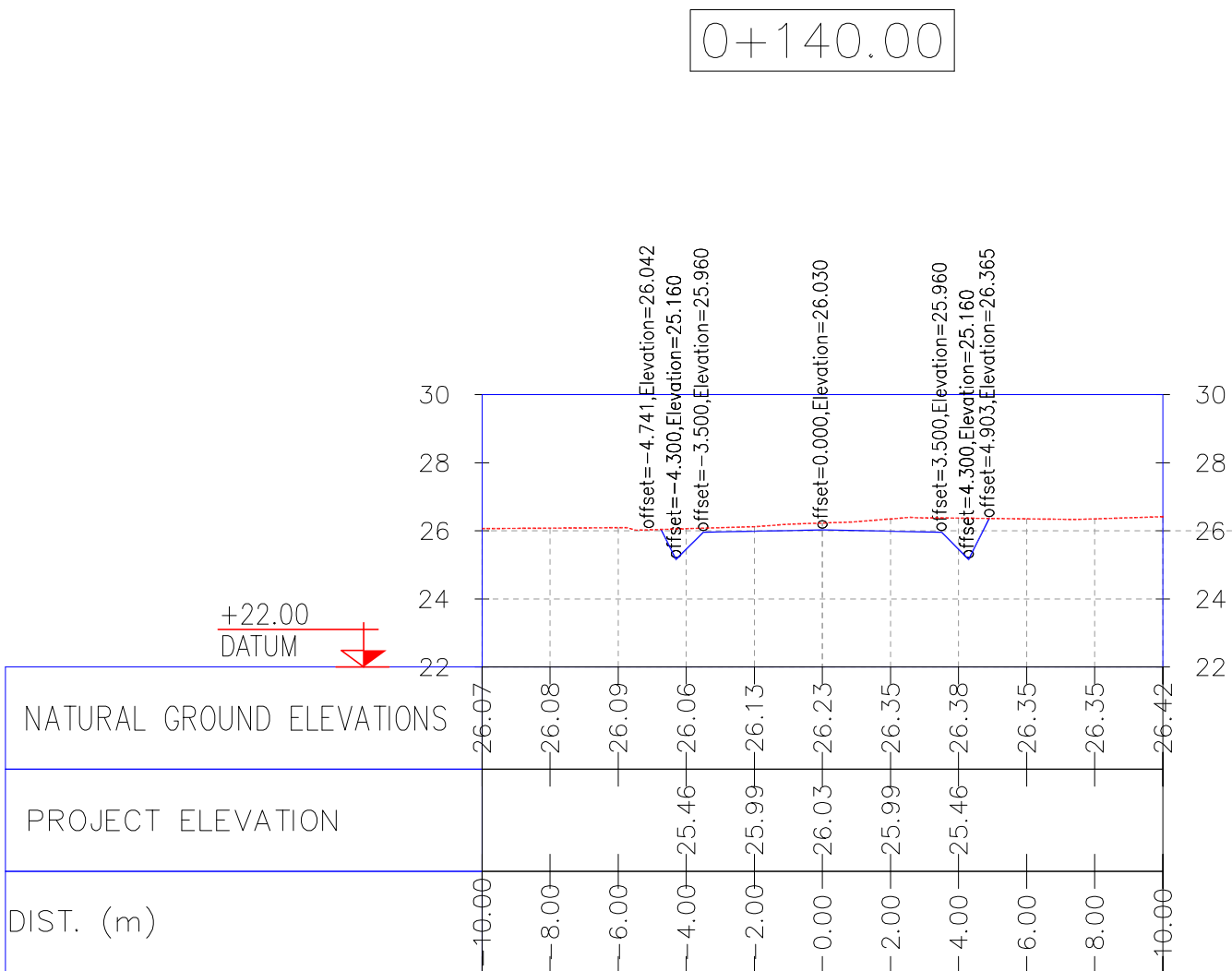
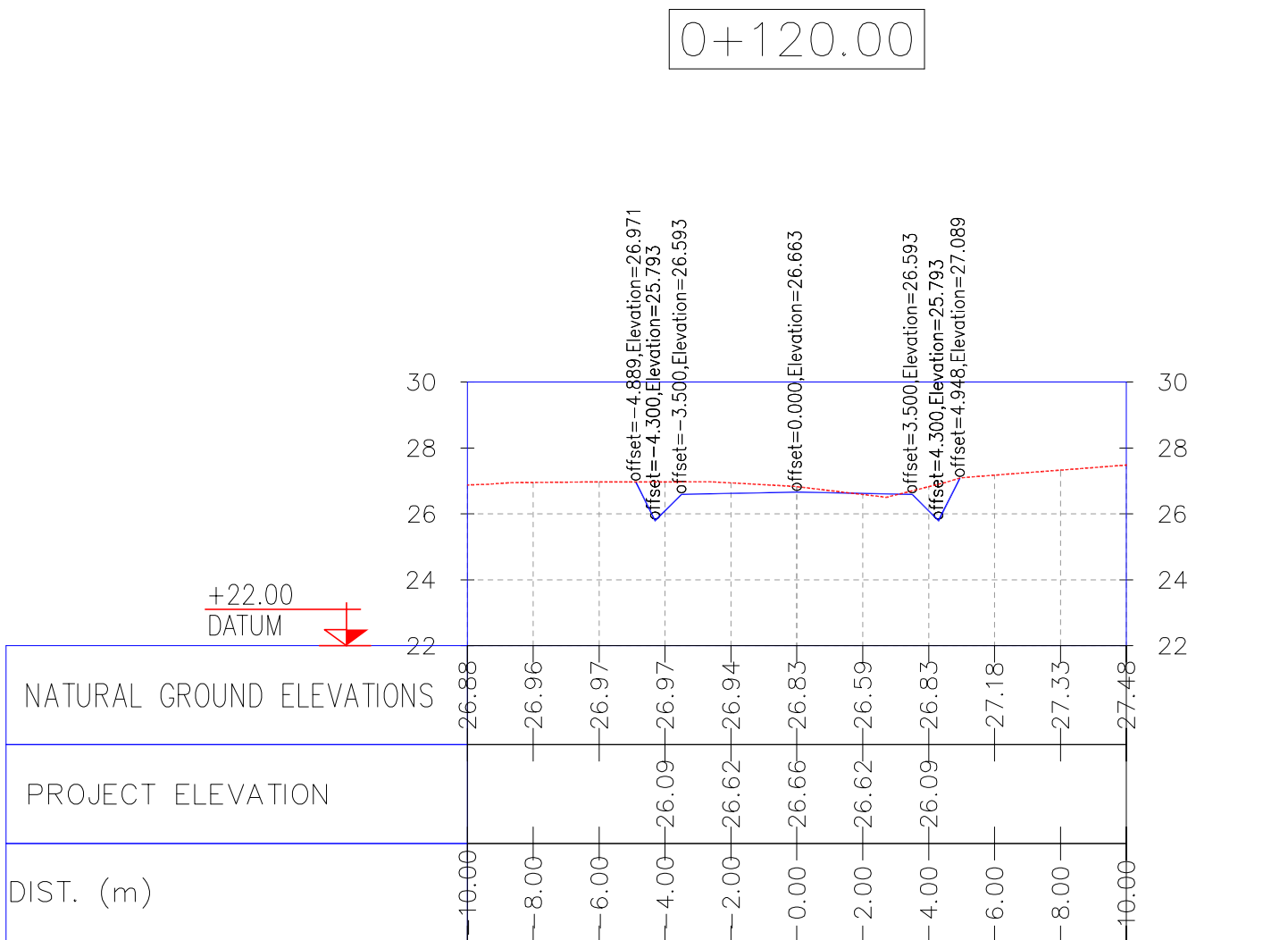
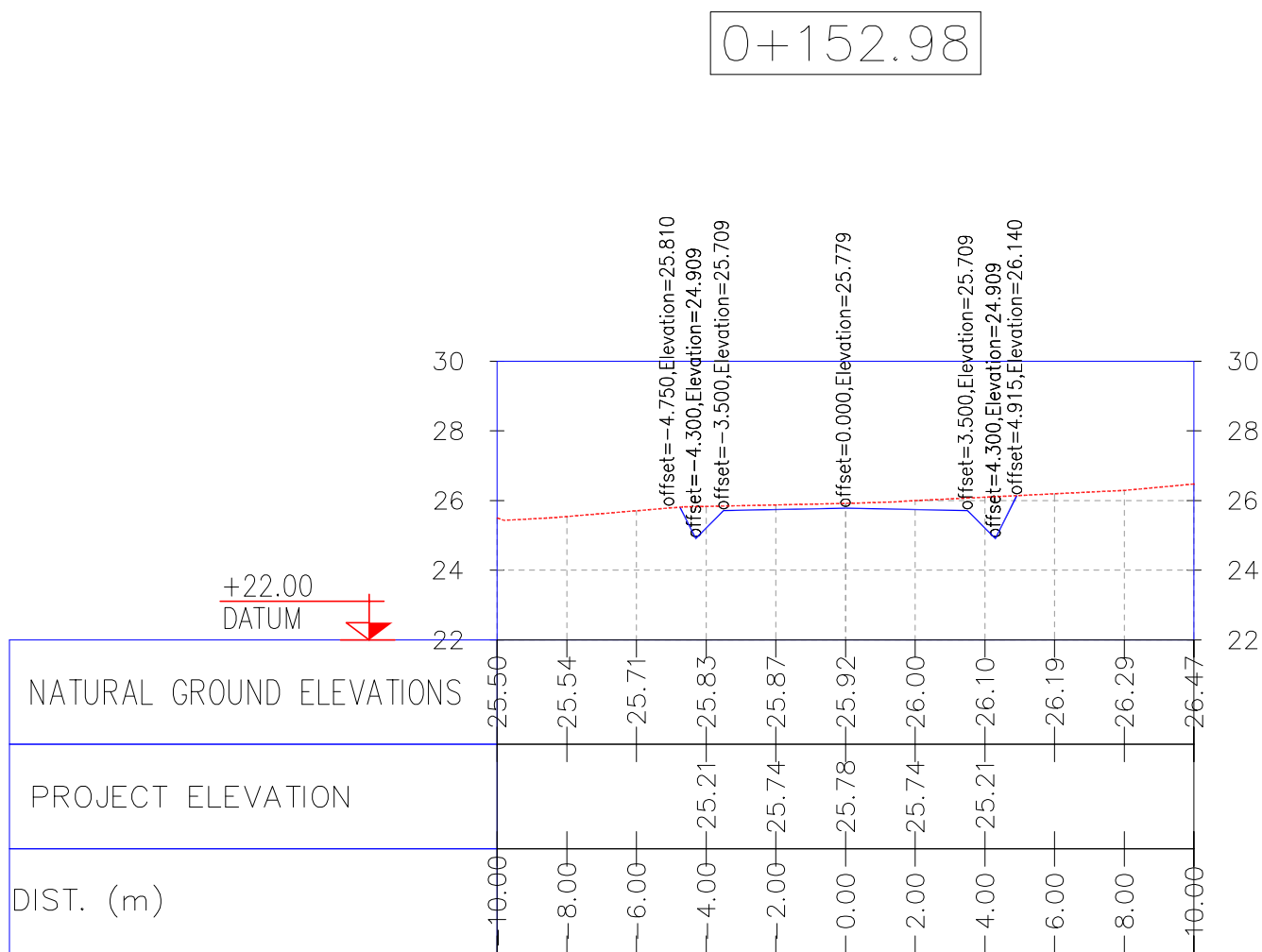
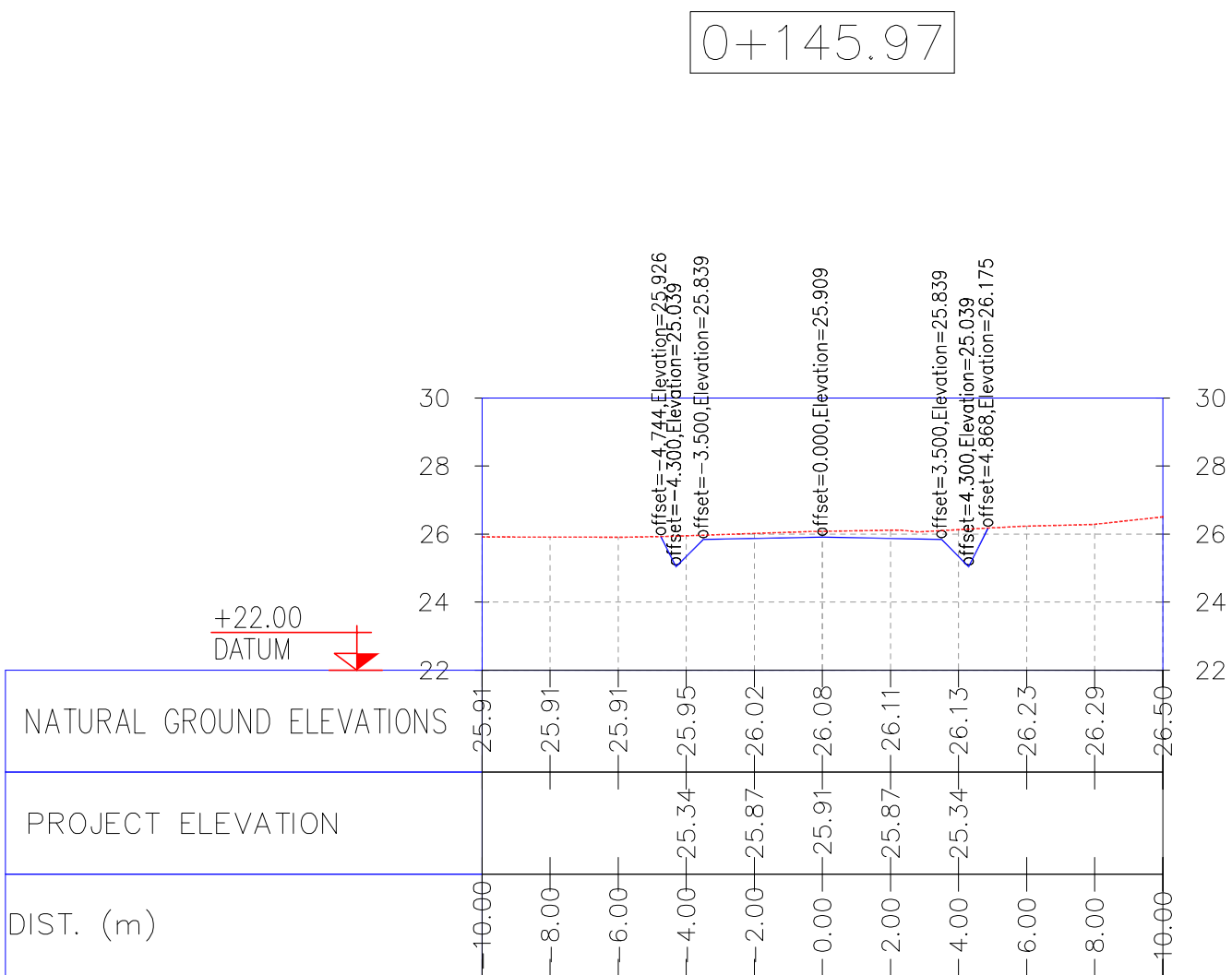
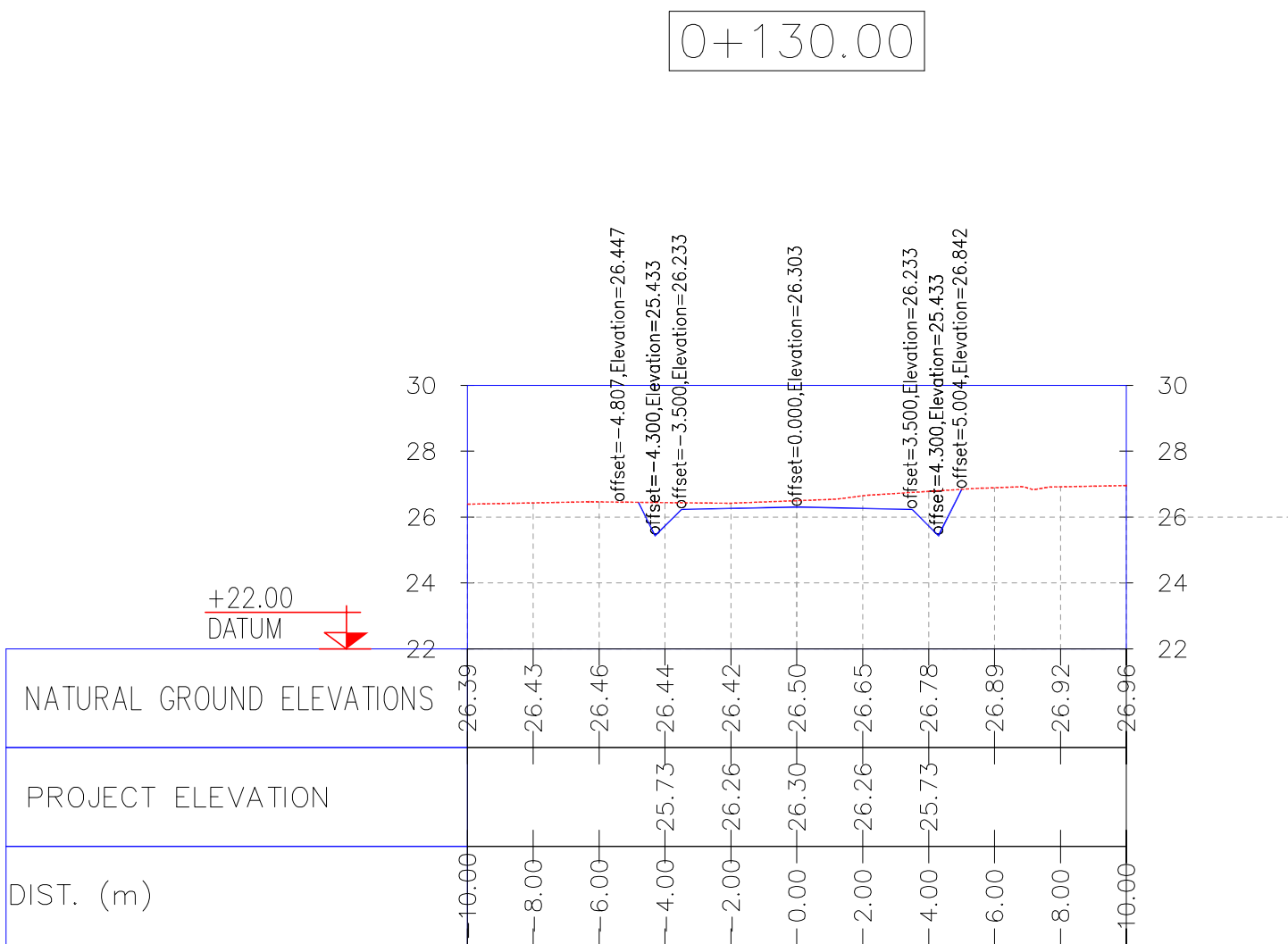
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23

D07



NOTES

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ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)

MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)

VERTICAL DATUM: MSL

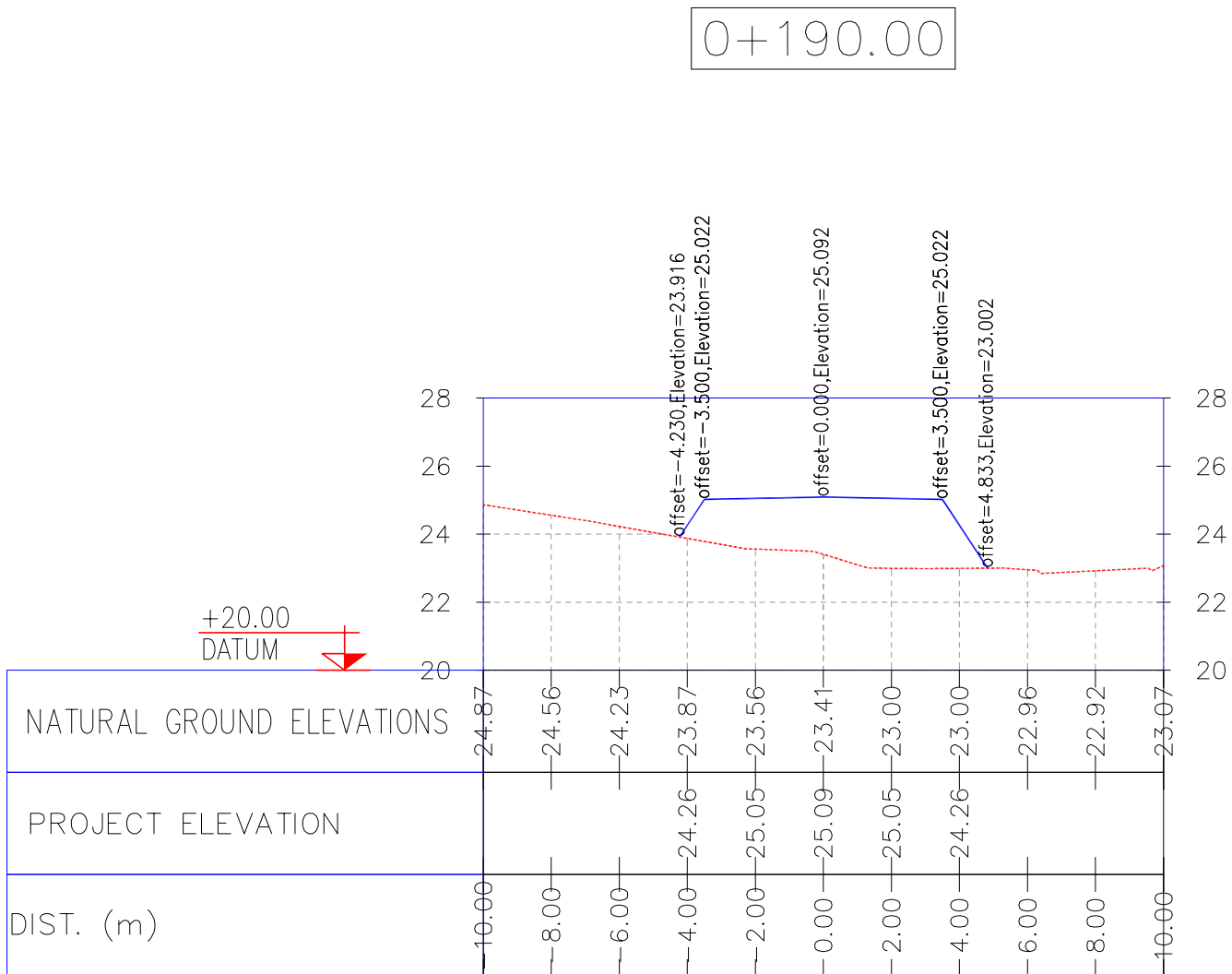
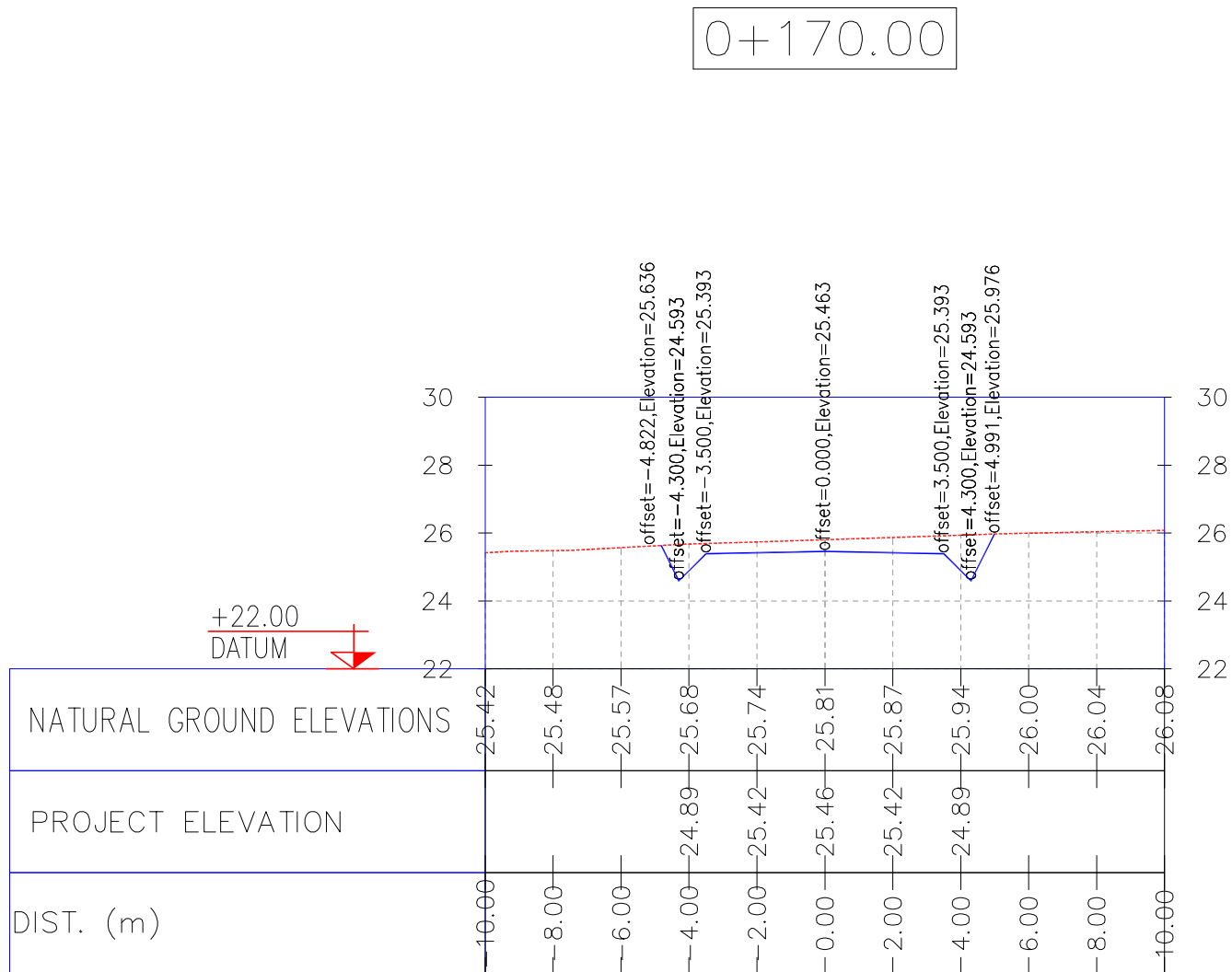
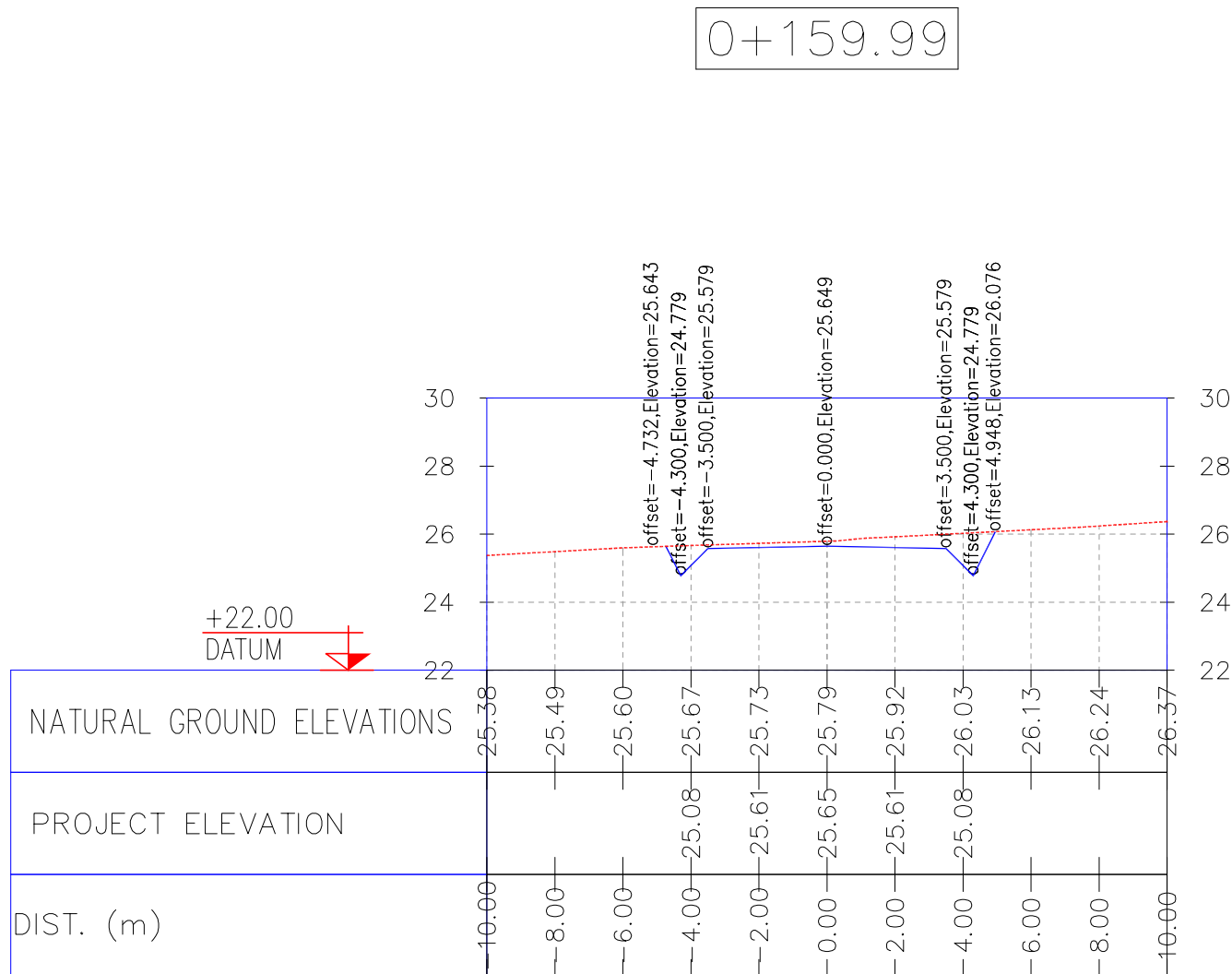
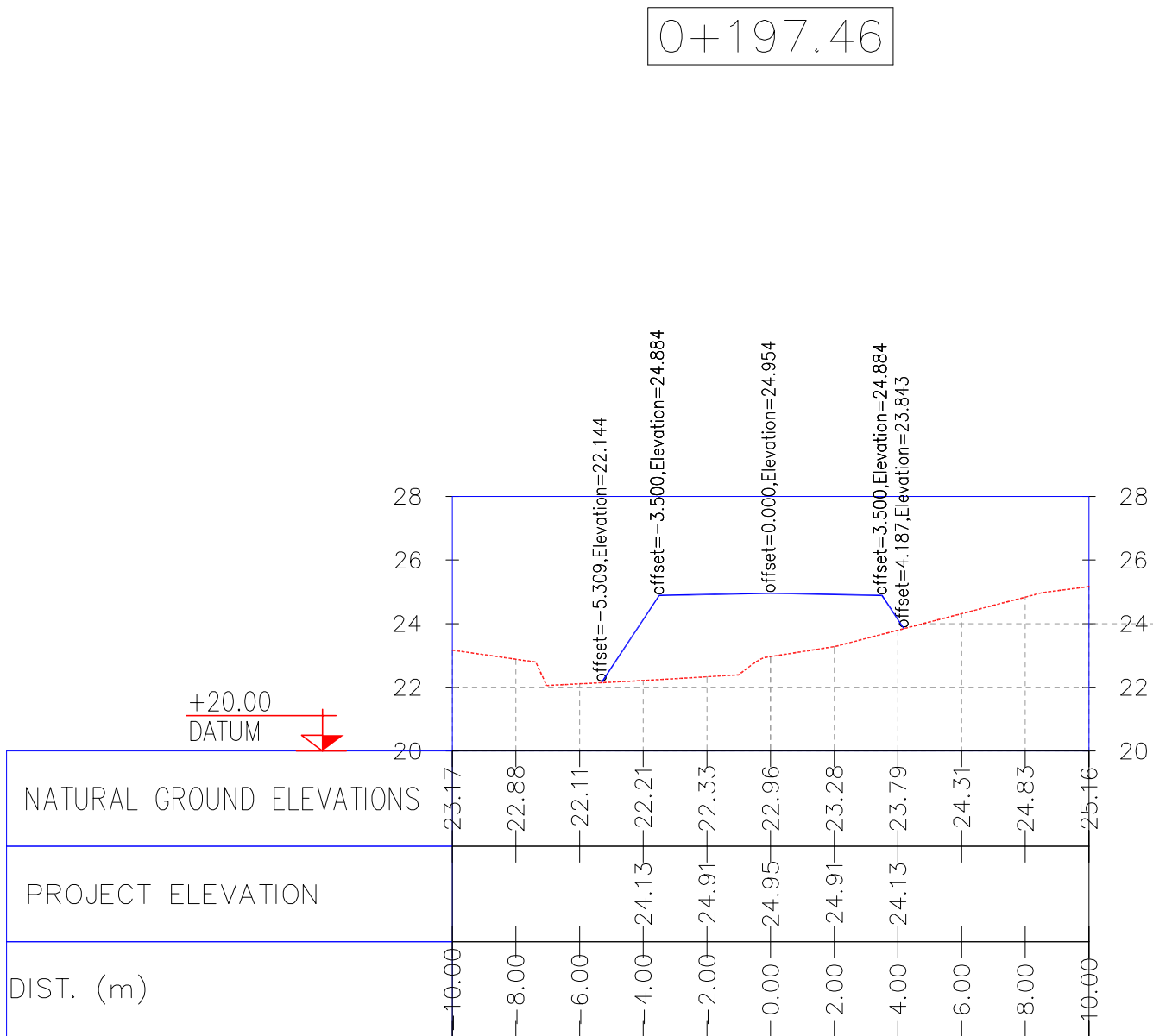
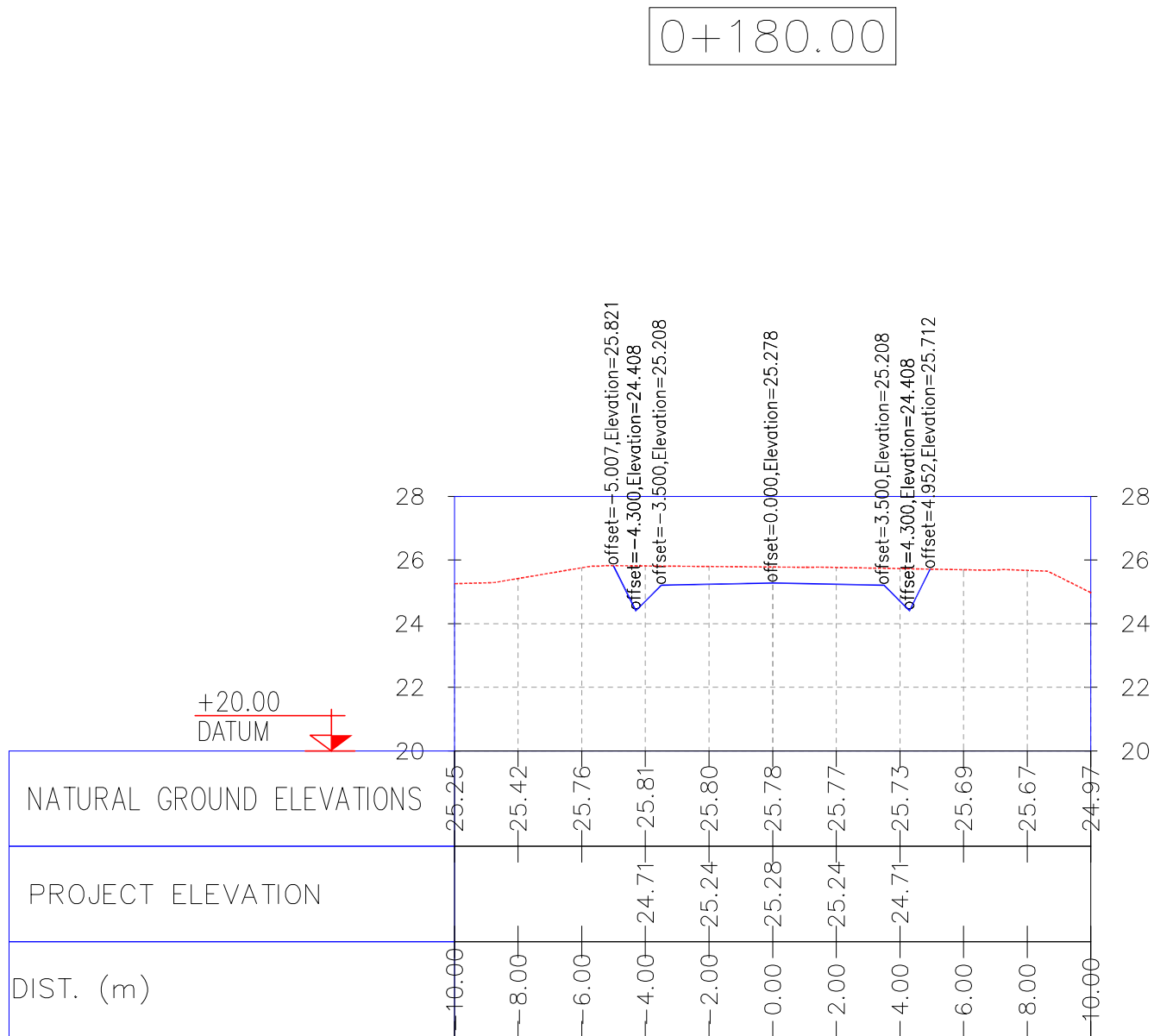
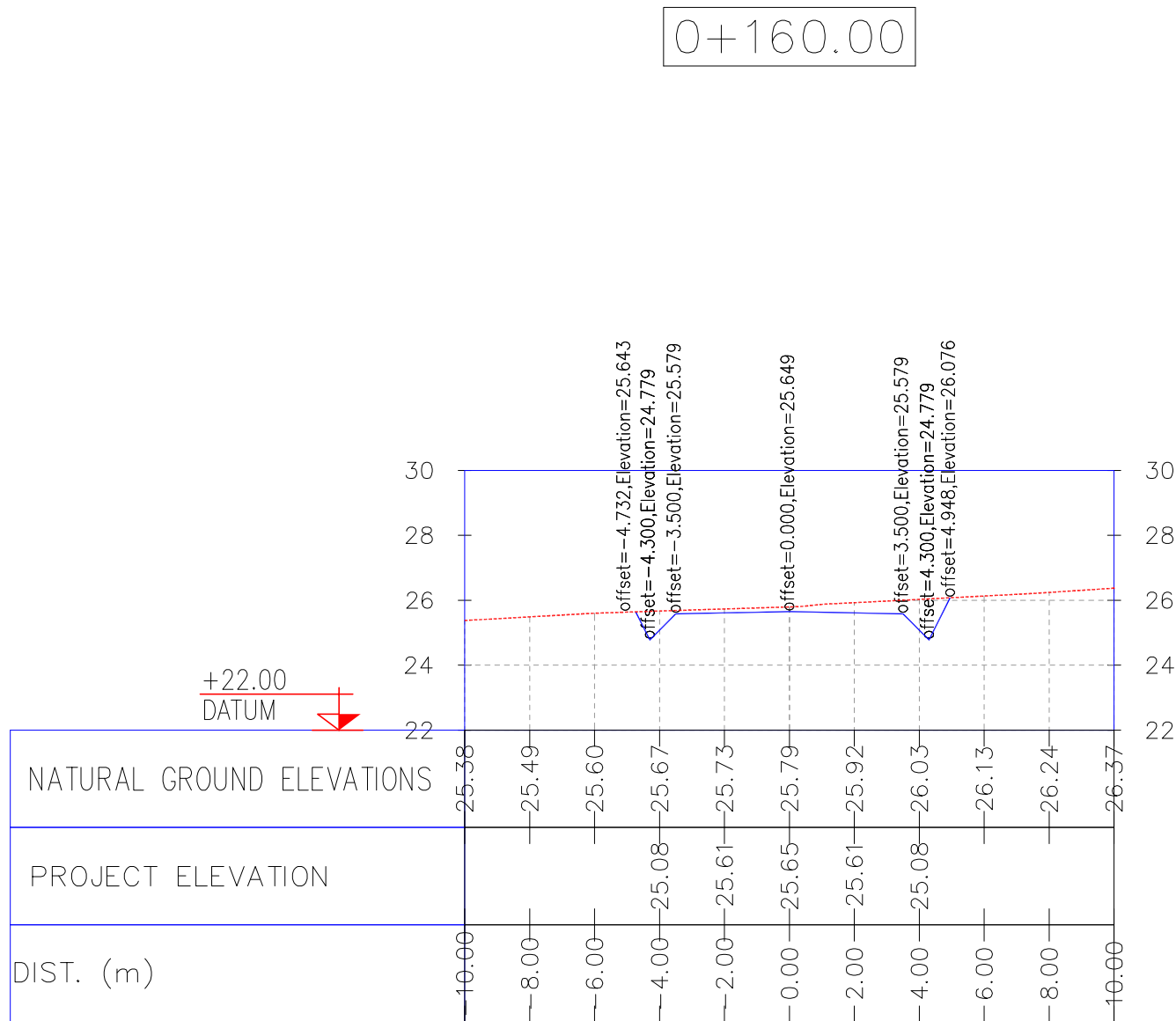
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REFERENCE DRAWING	DRG. No.
General Civil Layout -W028	BK-W028-PEDCO-110-CV-PY-0001
Rough Grading Plans -W028	BK-W028-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

KEY PLAN

D07	OCT.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**
D05	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
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D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IPC	R. BERLOUEI	M.FAKHARIAN	SH.GHALKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES						
PROJECT NO.: 971020						
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):			
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S ACCESS ROAD TRANSVERSAL SECTIONS KM 130 ~152.98M						
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.	
H=1/200 V=1/200	A1	BK-W028-PEDCO-110-CV-PY-0002		24 of 42	D07	

***	*****	*** **	*** ****	*** **	*** ****
REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
اصل و کلیه نسخ این نقشه و حق افشای متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.					
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BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 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	707548	24
					REVISION
					D07



NOTES

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MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)

VERTICAL DATUM: MSL

LEGEND

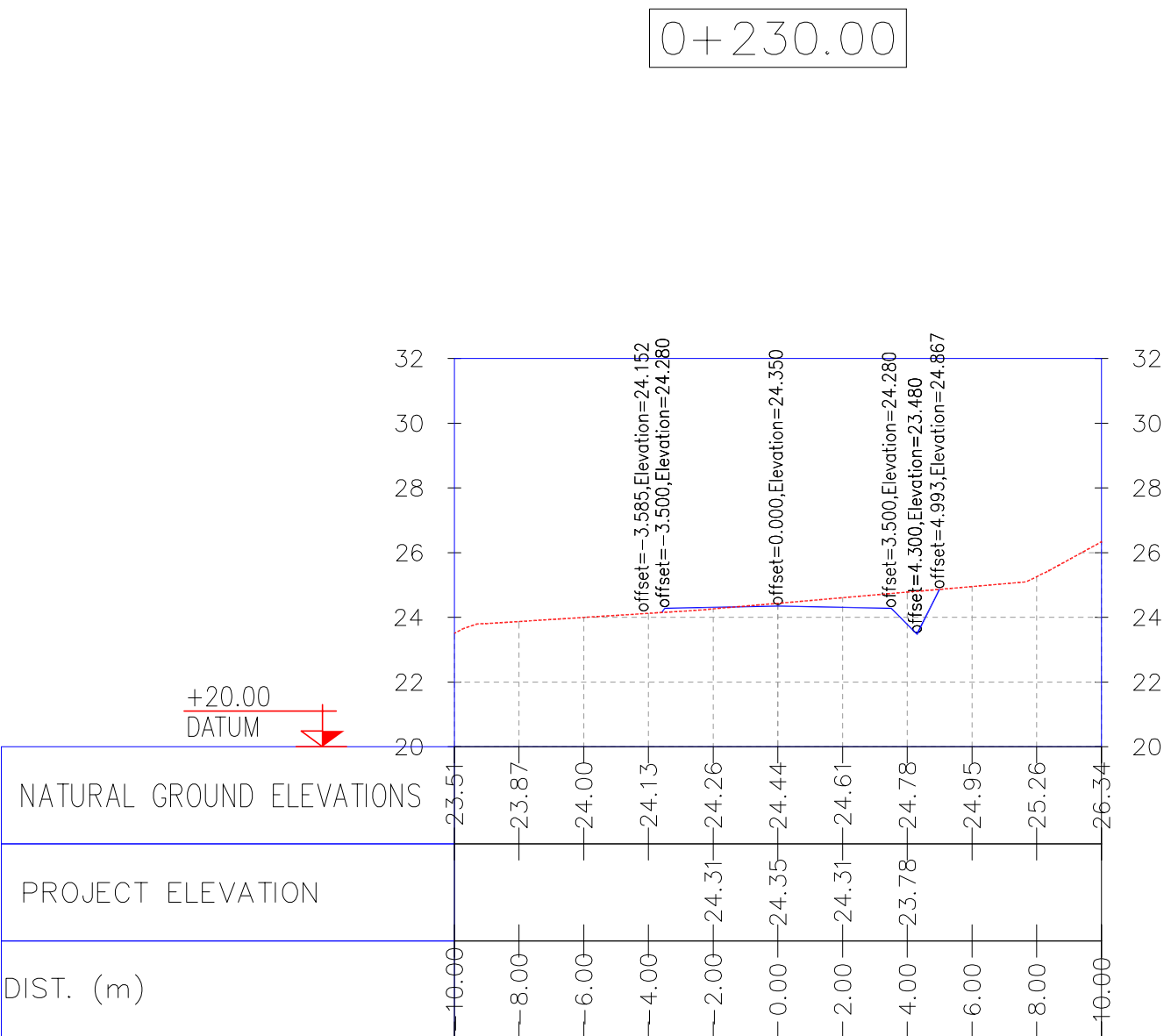
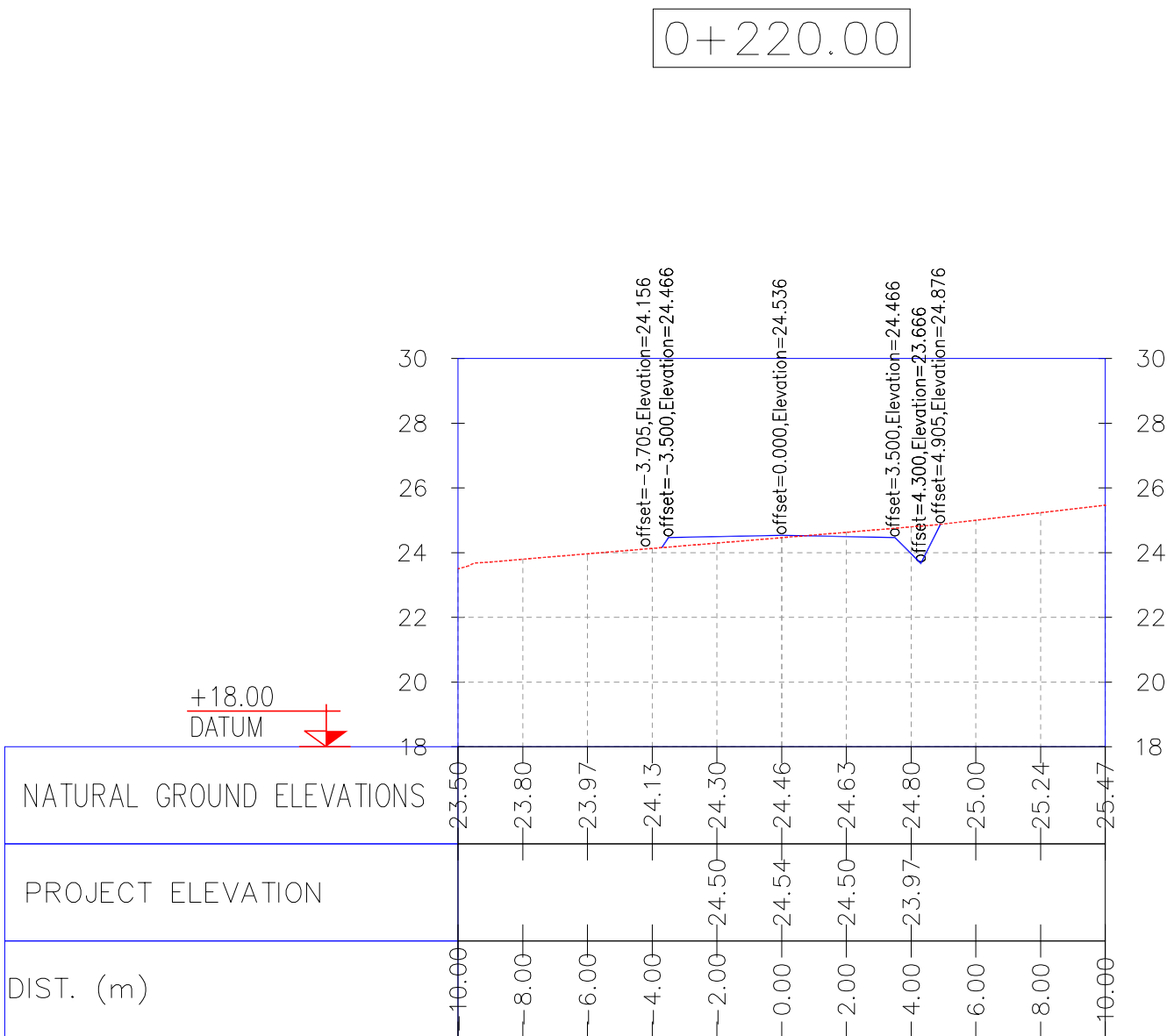
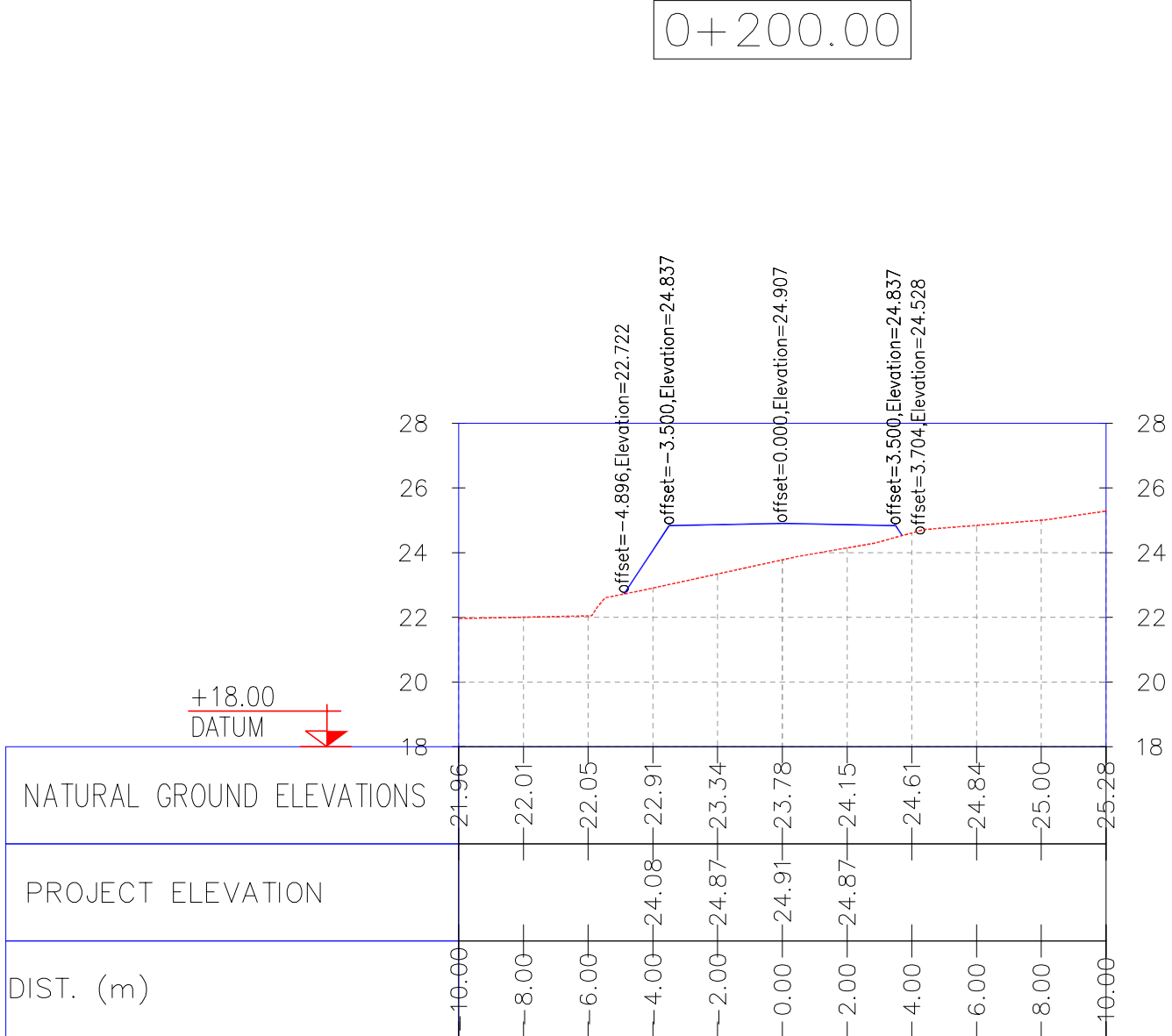
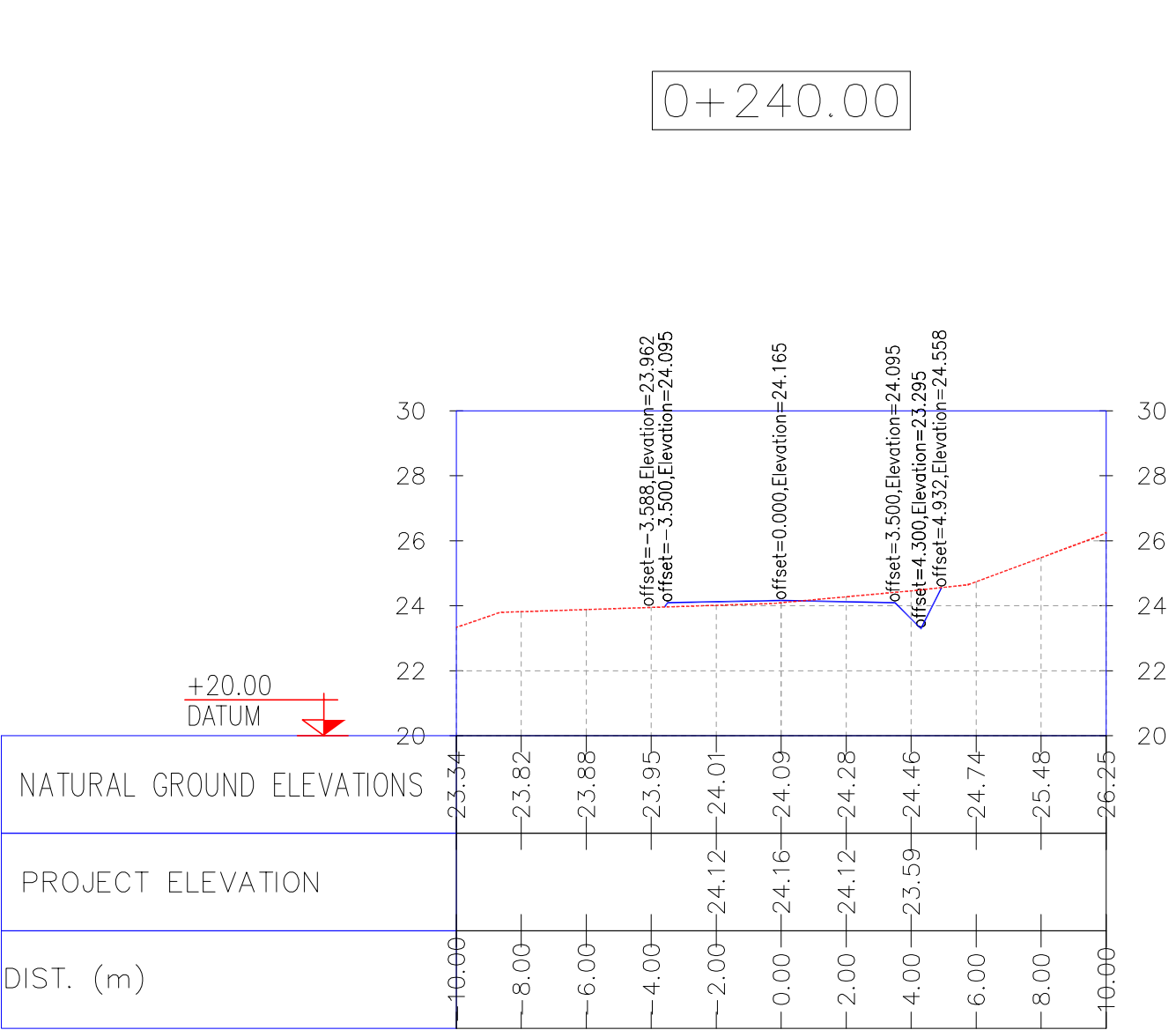
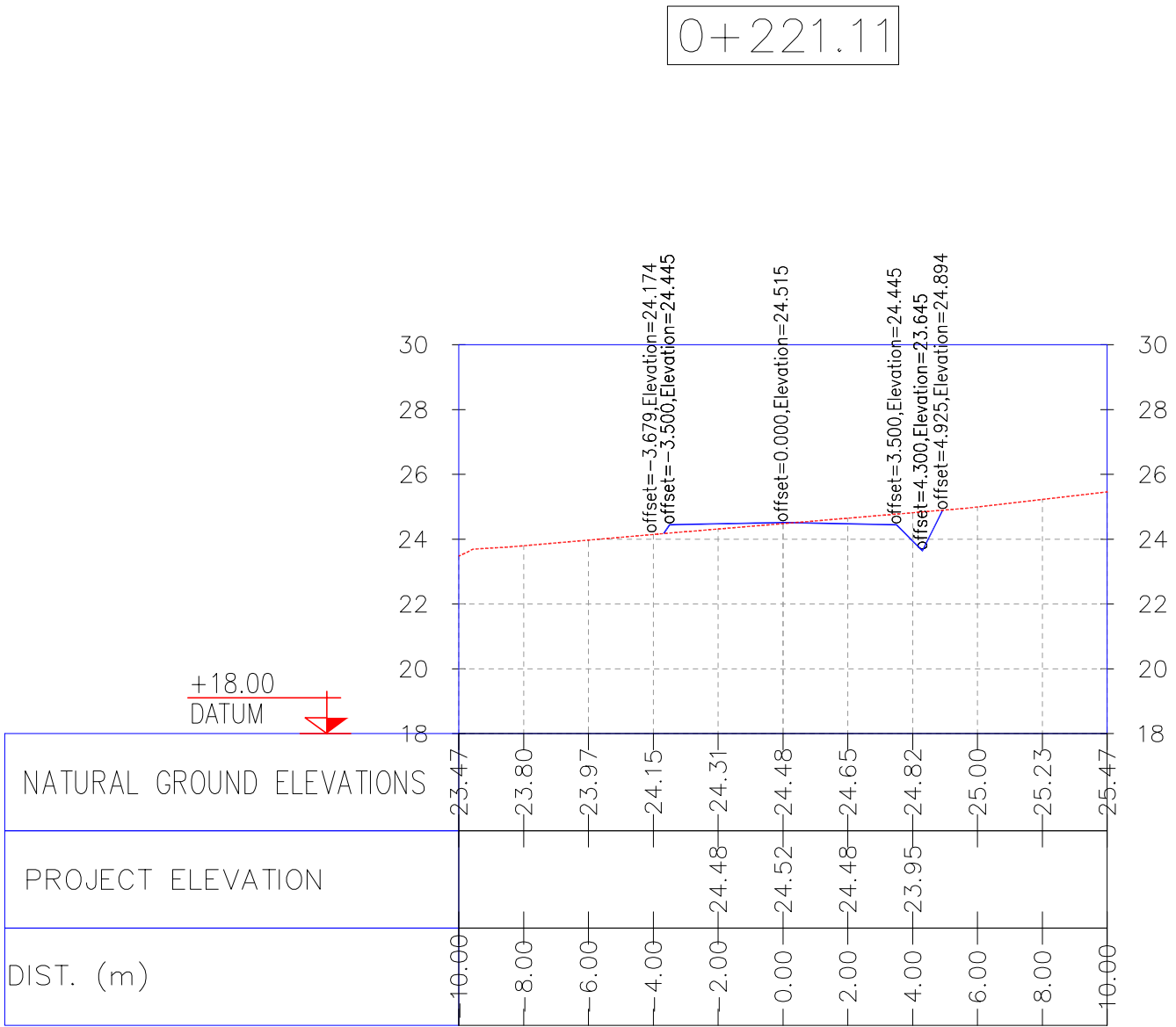
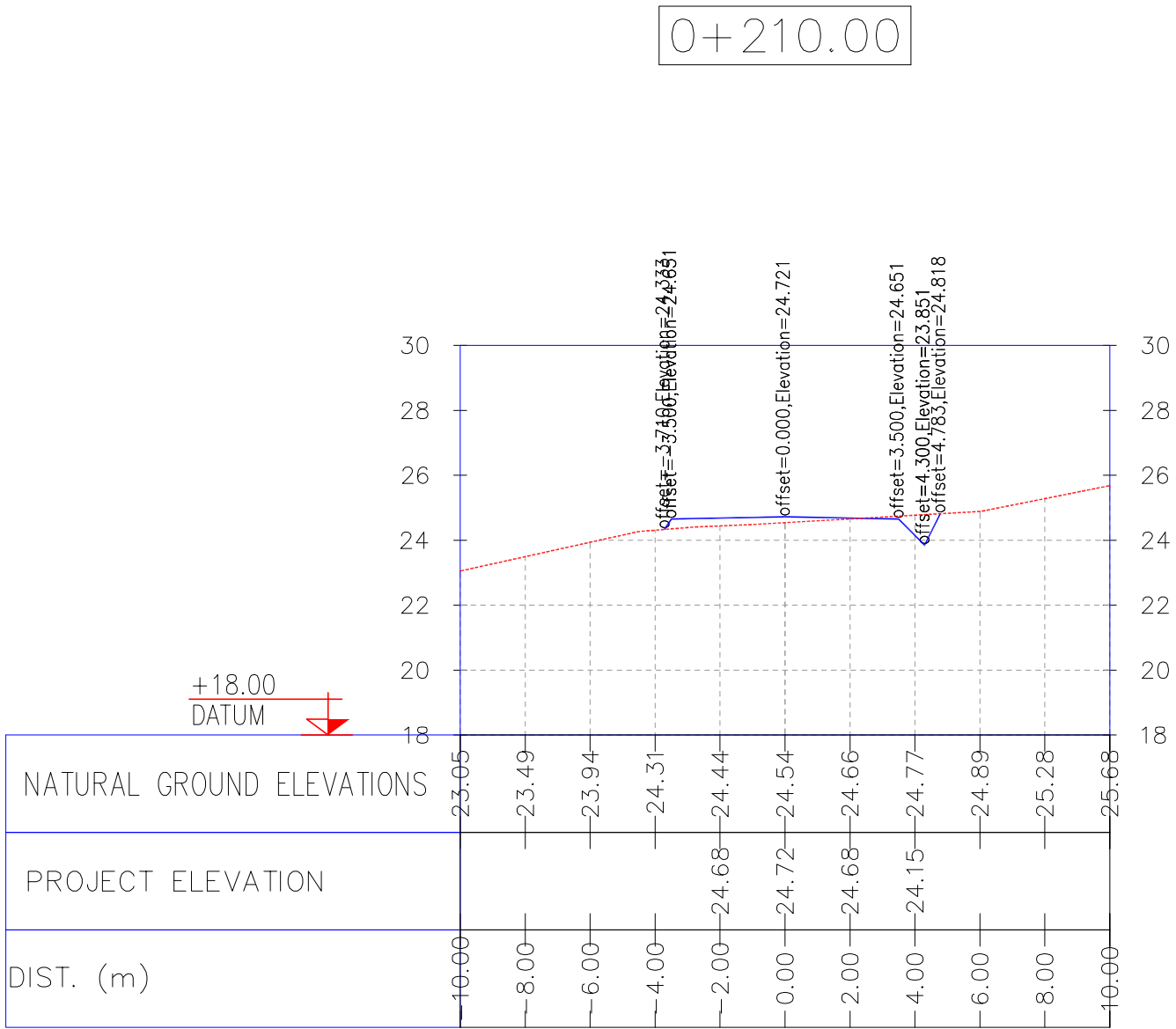
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General Civil Layout -W028	BK-W028-PEDCO-110-CV-PY-0001
Rough Grading Plans -W028	BK-W028-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

KEY PLAN

D07	OCT.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IPC	R. BERLOUEI	M.FAKHARIAN	SH.GHALKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME:		BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES			
PROJECT NO.:		971020			
EPC CONTRACTOR:		EPD/EPC CONTRACTOR(GC):		 PETROIRAN DEVELOPMENT COMPANY	
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES		 PEDCO			
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S ACCESS ROAD TRANSVERSAL SECTIONS KM 160 ~197.46M					
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W028-PEDCO-110-CV-PY-0002		25 of 42	D07

REV.	DESCRIPTION	BY	DATE	BY	DATE
***	*****	***	*****	***	*****
REV.	DESCRIPTION	CHECKED	REV.	APPR.	
	اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب می باشد.				
	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 W028 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	707548	25
					D07



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 GEODEIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL

LEGEND

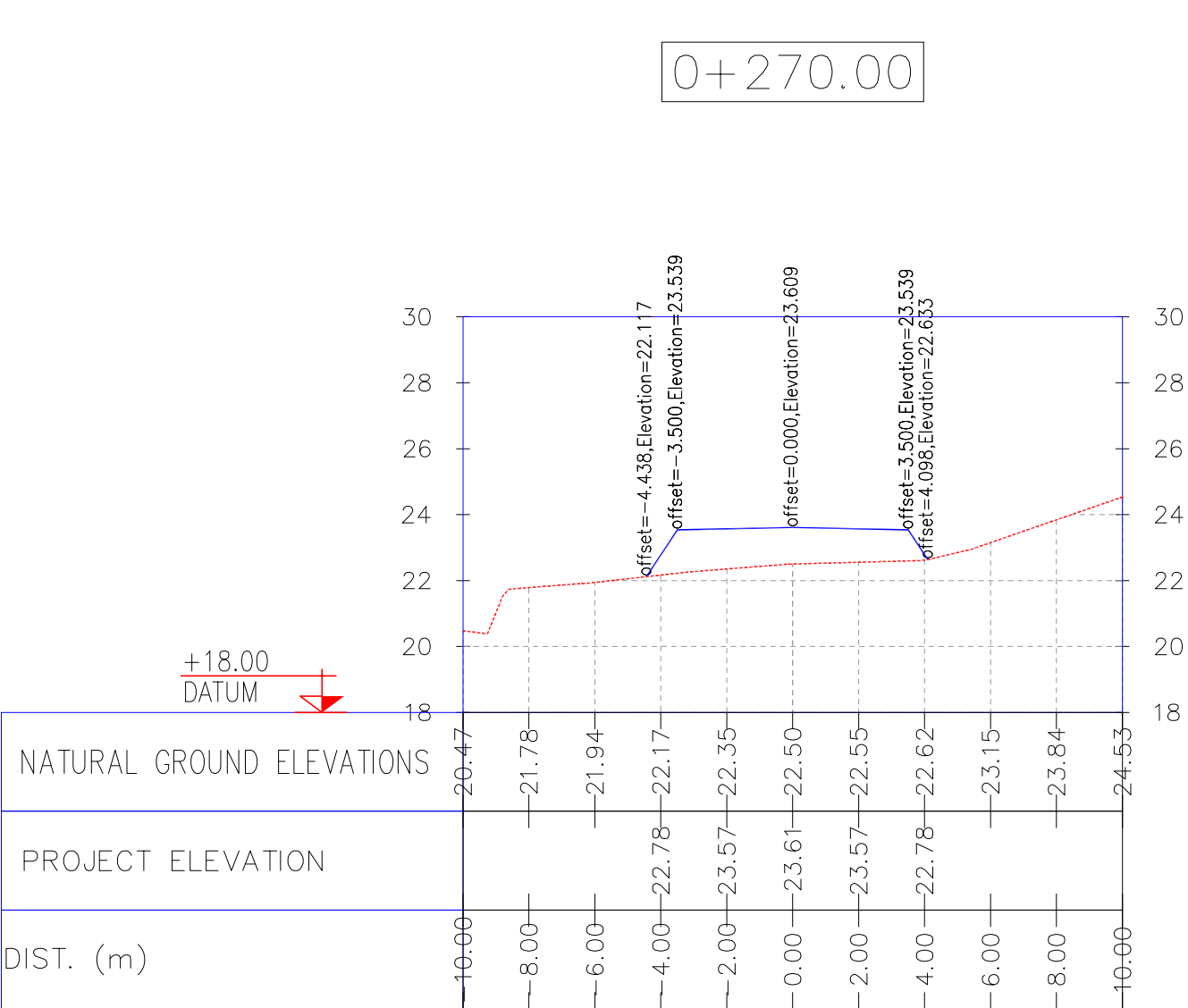
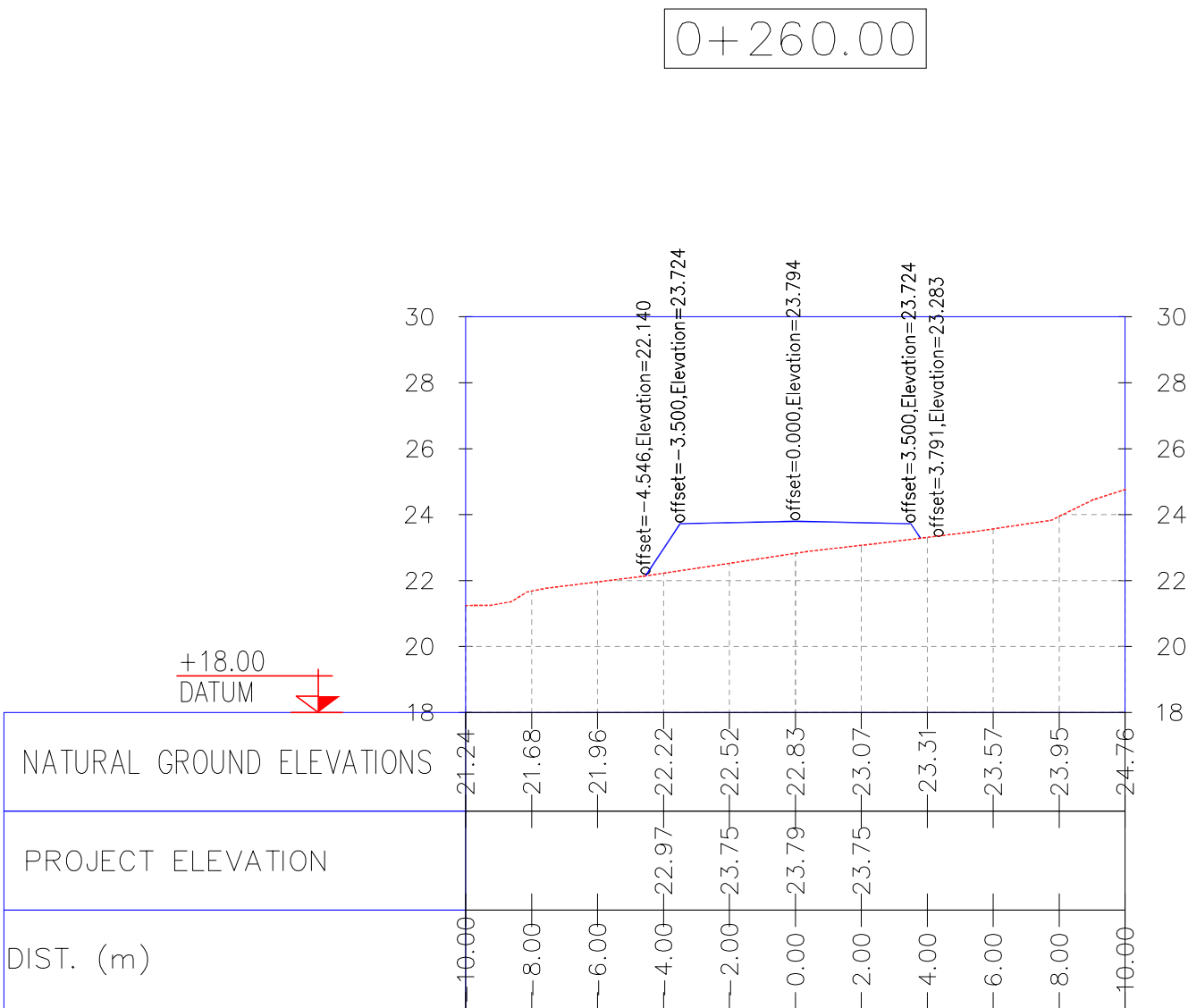
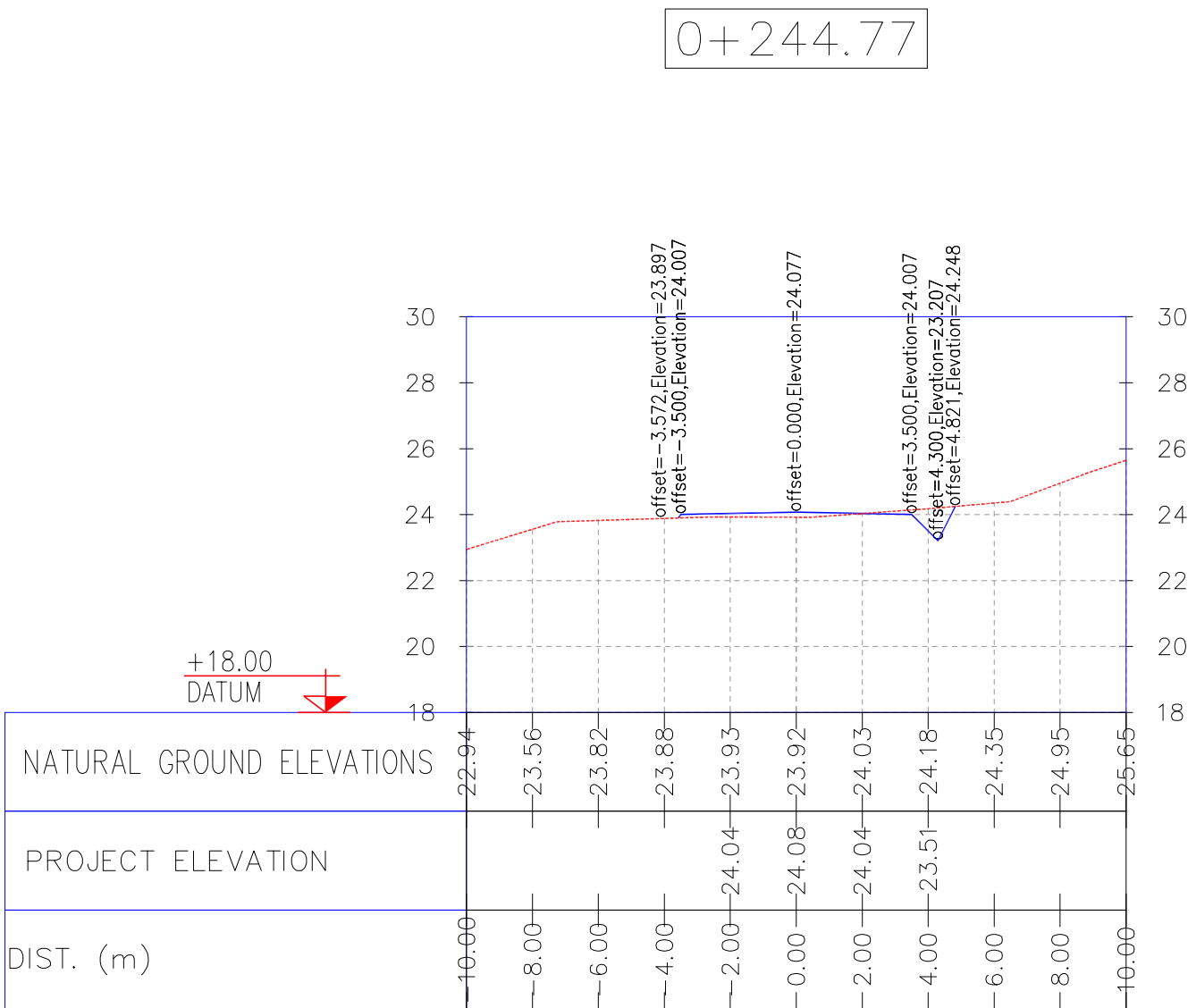
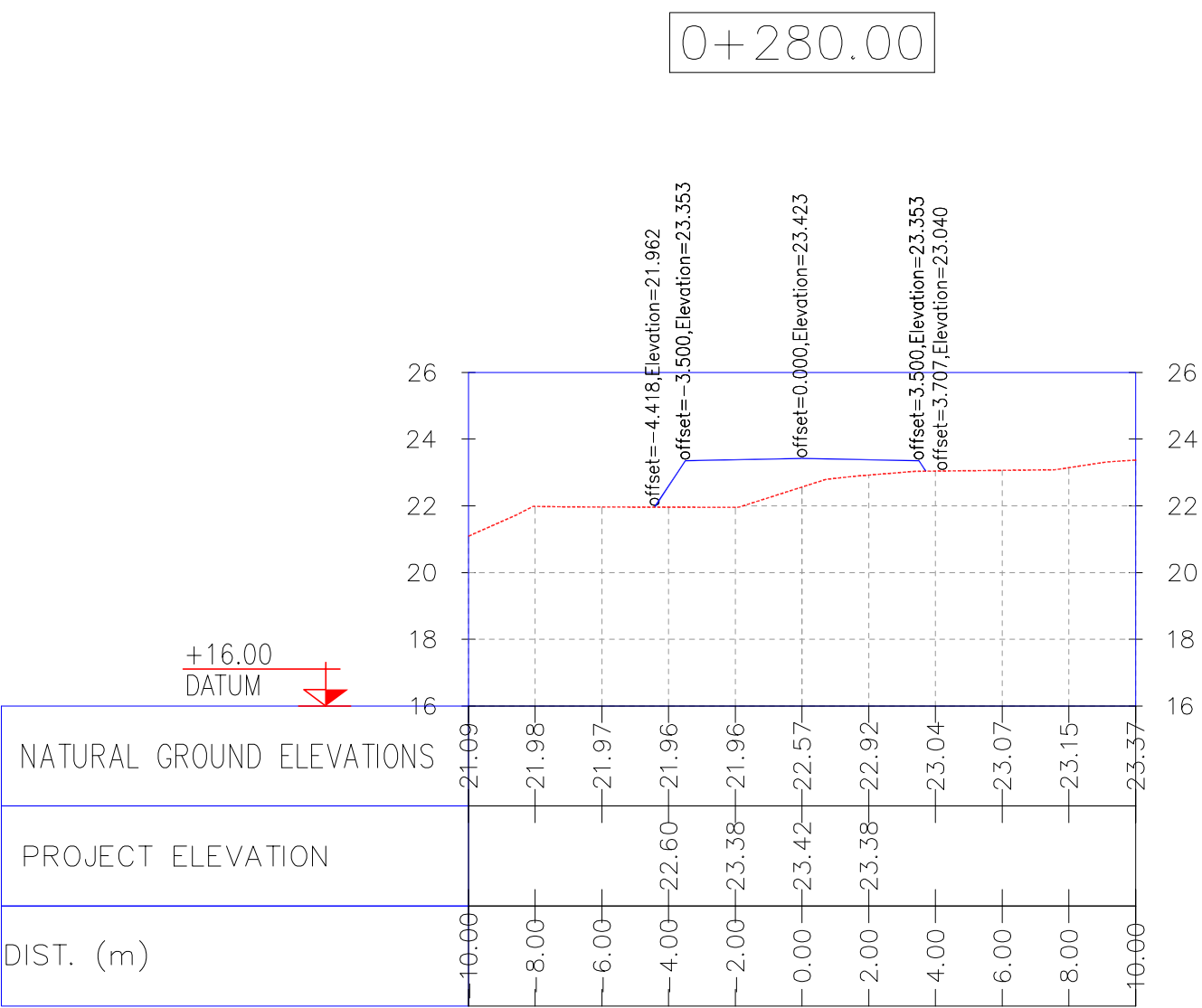
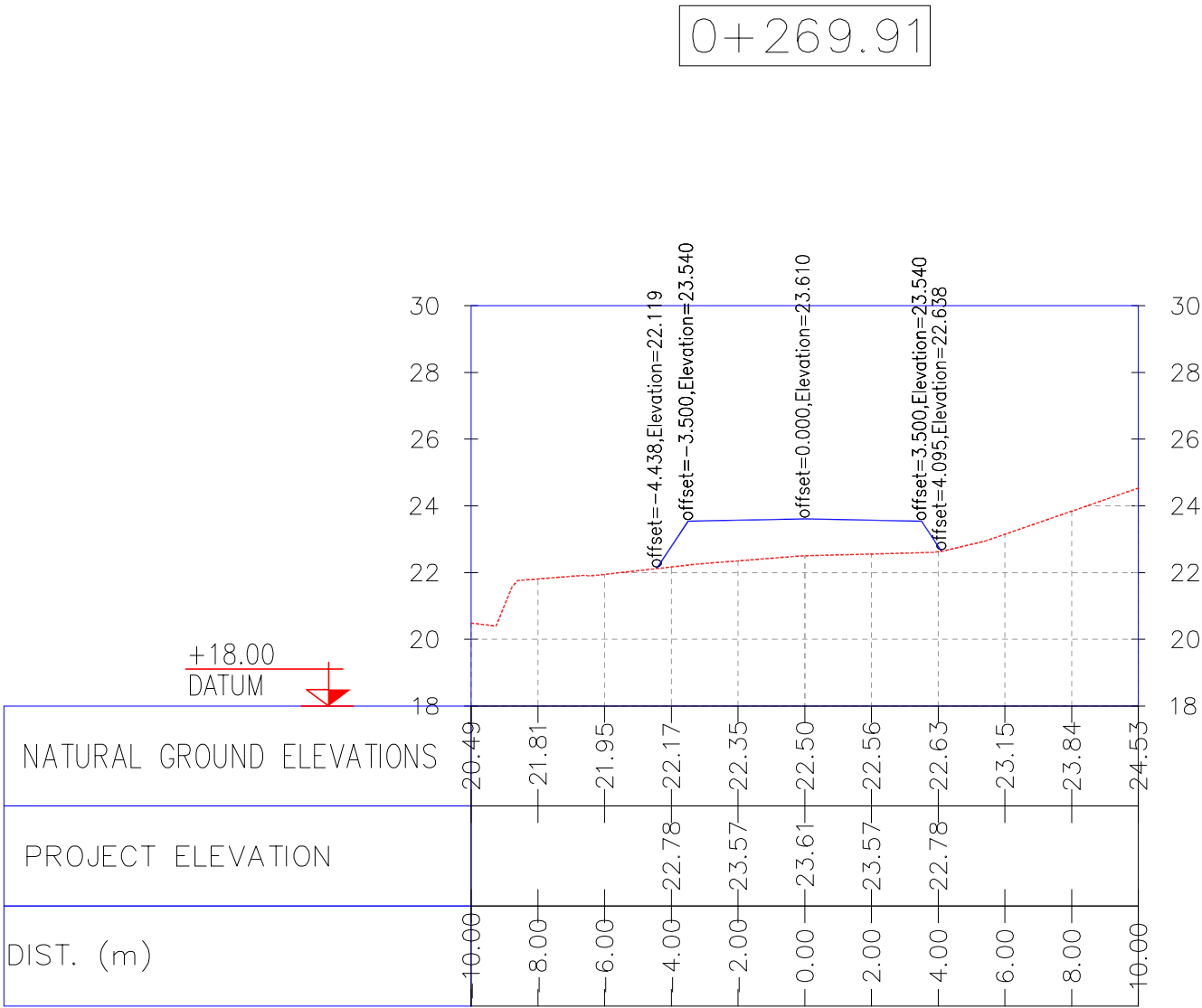
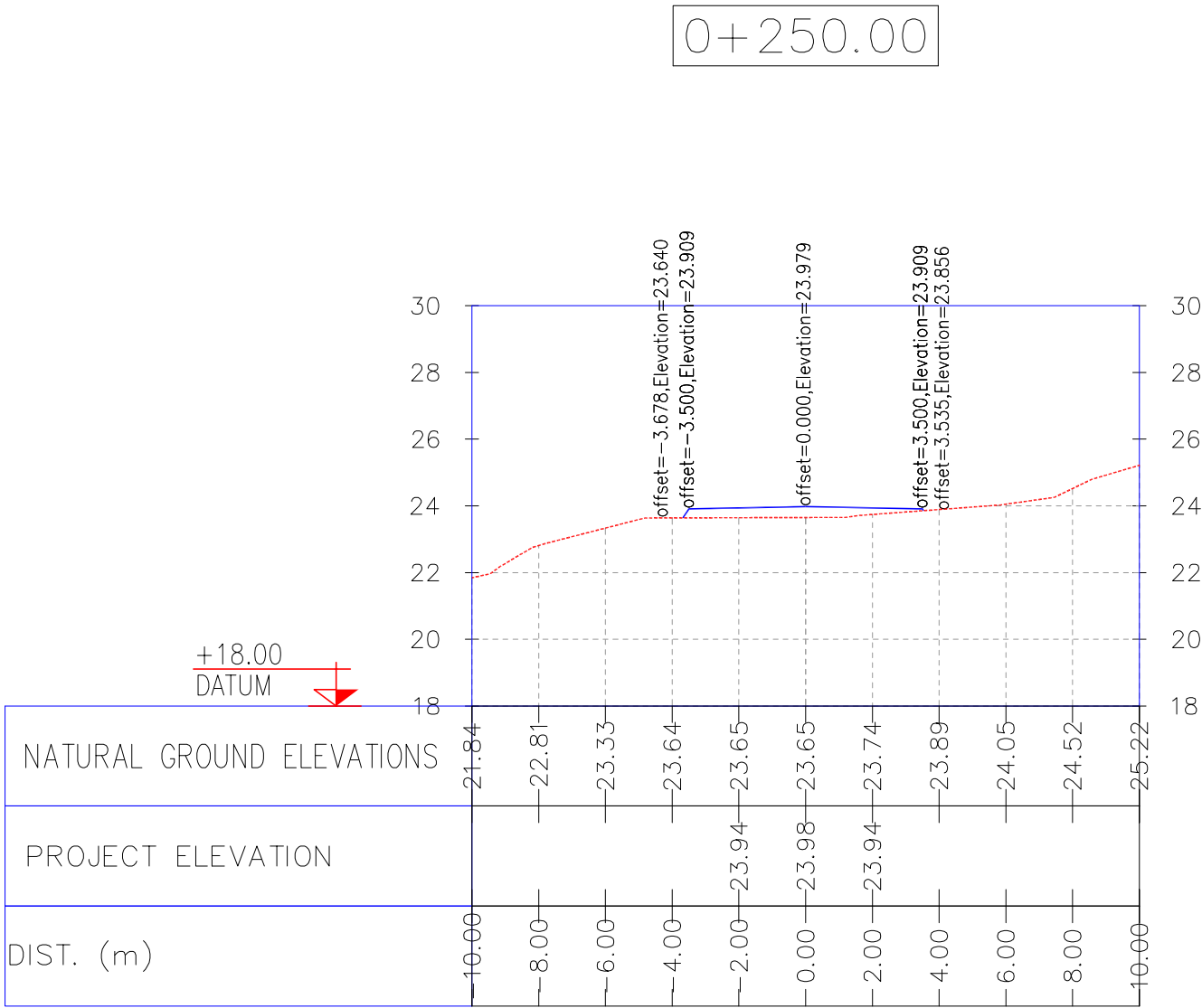
REFERENCE DRAWING	DRG. No.
General Civil Layout -W028	BK-W028-PEDCO-110-CV-PY-0001
Rough Grading Plans -W028	BK-W028-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

KEY PLAN

D07	OCT.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**
D05	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**
D00	OCT.2021	IPC	R. BERLOUEI	M.FAKHARIAN	SH.GHALKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES					
PROJECT NO.:			971020		
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):		
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY		
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S ACCESS ROAD TRANSVERSAL SECTIONS KM 210~240M					
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W028-PEDCO-110-CV-PY-0002		26 of 42	D07

***	*****	** **	*** ****	** **	*** ****
REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
اصل و کلیه نسخ این نقشه و حق افشای متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.					
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BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 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	707548	26	D07



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: MSL

LEGEND

REFERENCE DRAWING	DRG. No.
General Civil Layout -W028	BK-W028-PEDCO-110-CV-PY-0001
Rough Grading Plans -W028	BK-W028-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

KEY PLAN

D07	OCT.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IPC	R. BERLOUEI	M.FAKHARIAN	SH.GHALKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES					
PROJECT NO.:			971020		
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):		
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY		
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S ACCESS ROAD TRANSVERSAL SECTIONS KM 250-280M					
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W028-PEDCO-110-CV-PY-0002		27 of 42	D07

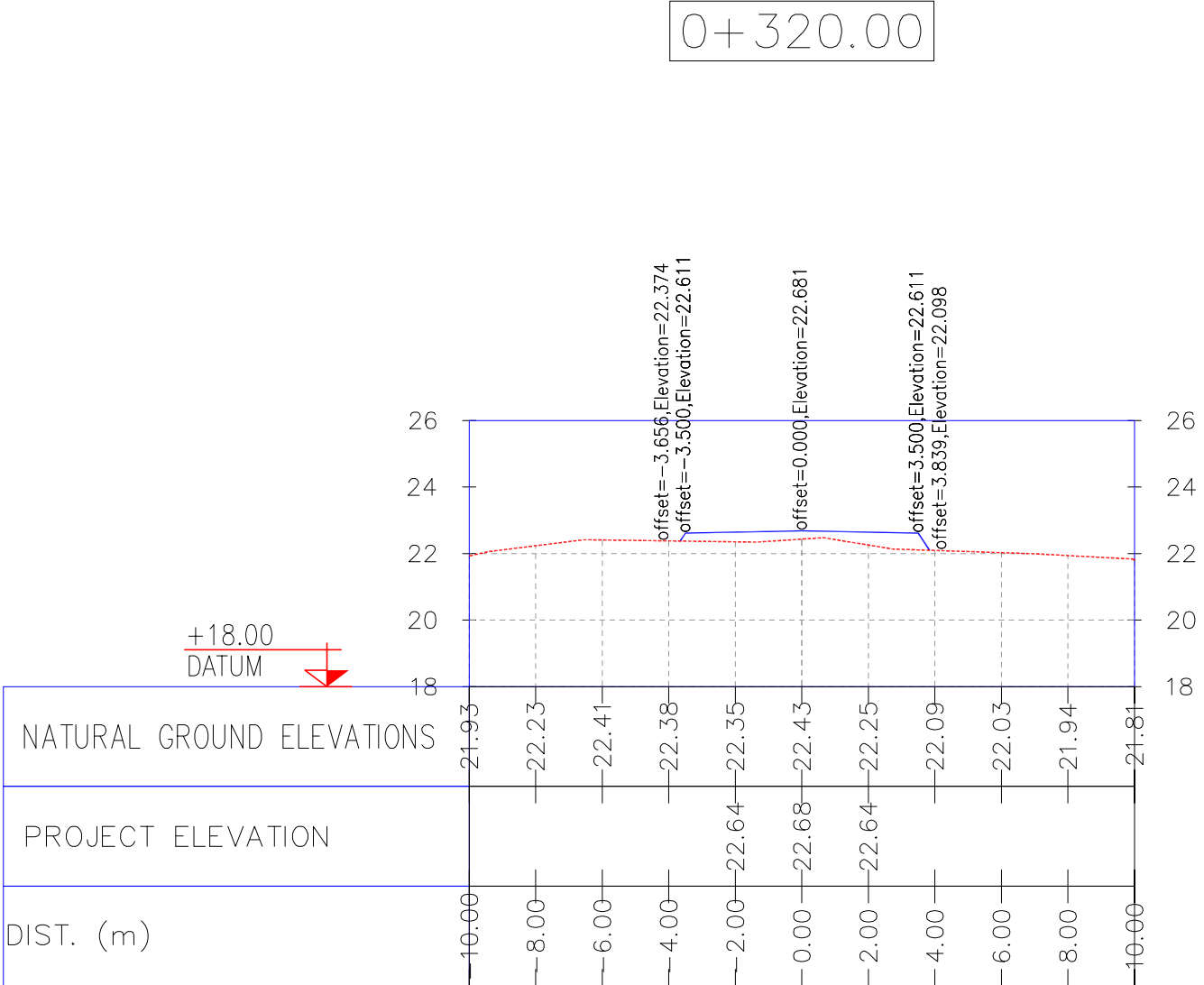
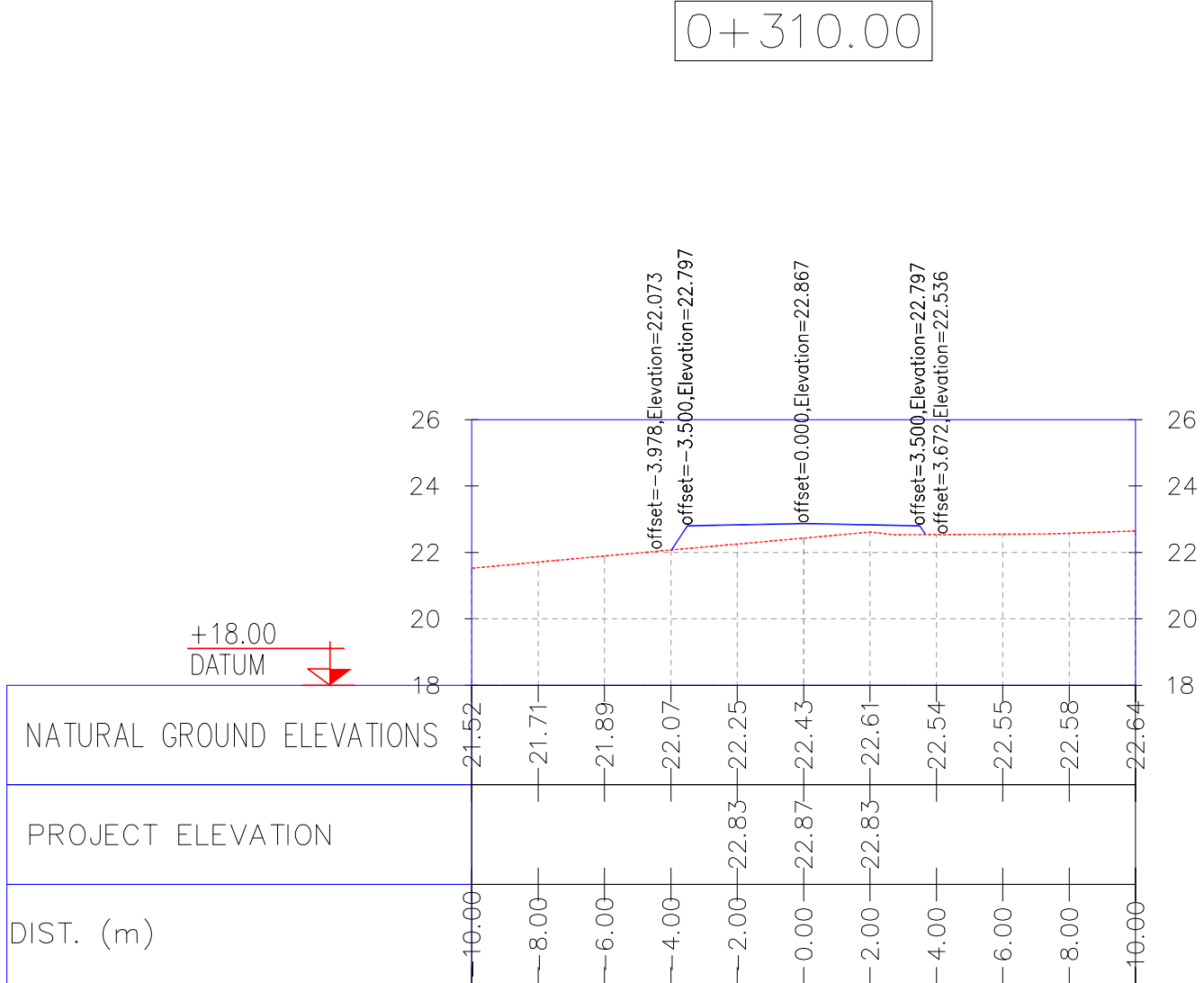
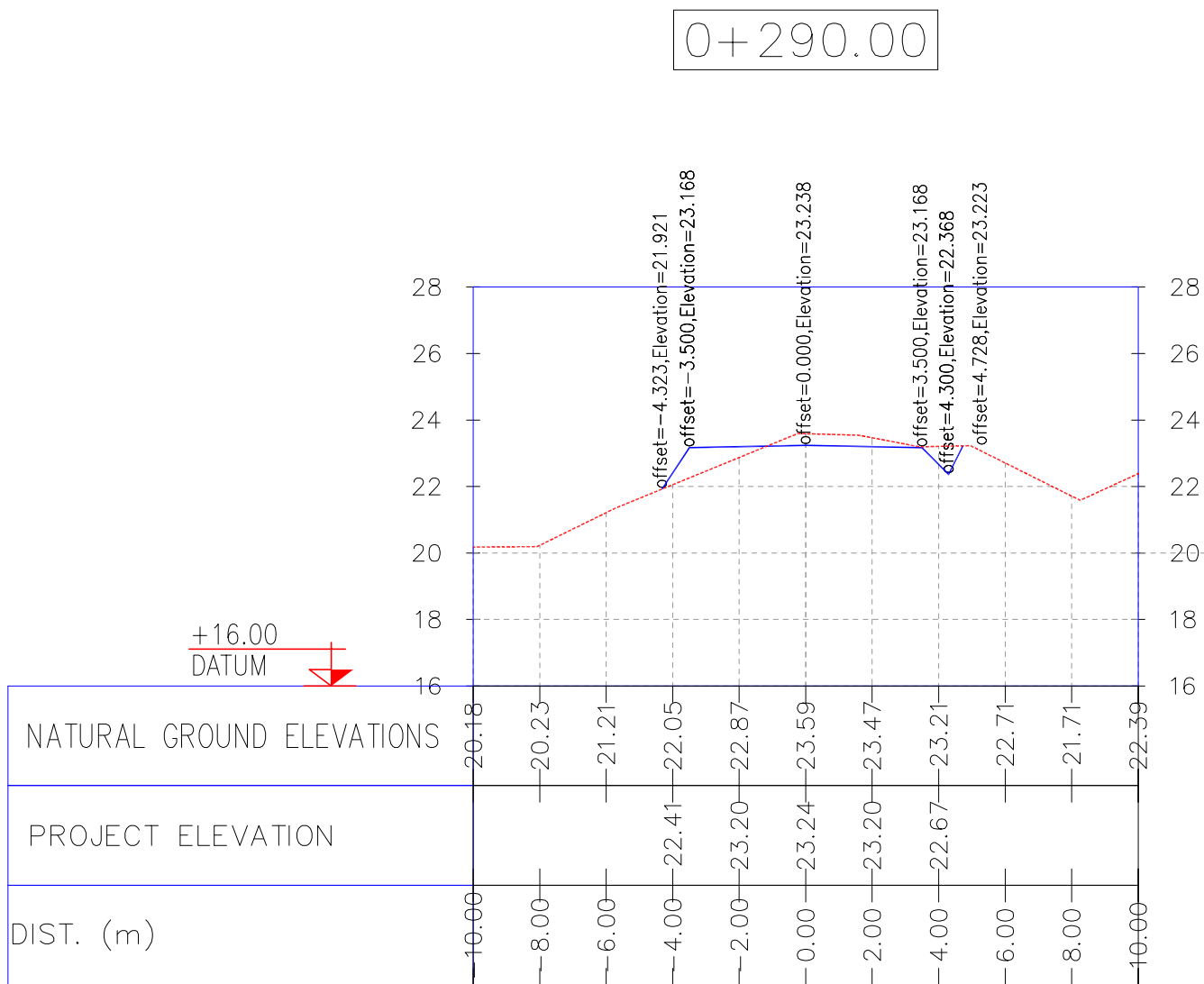
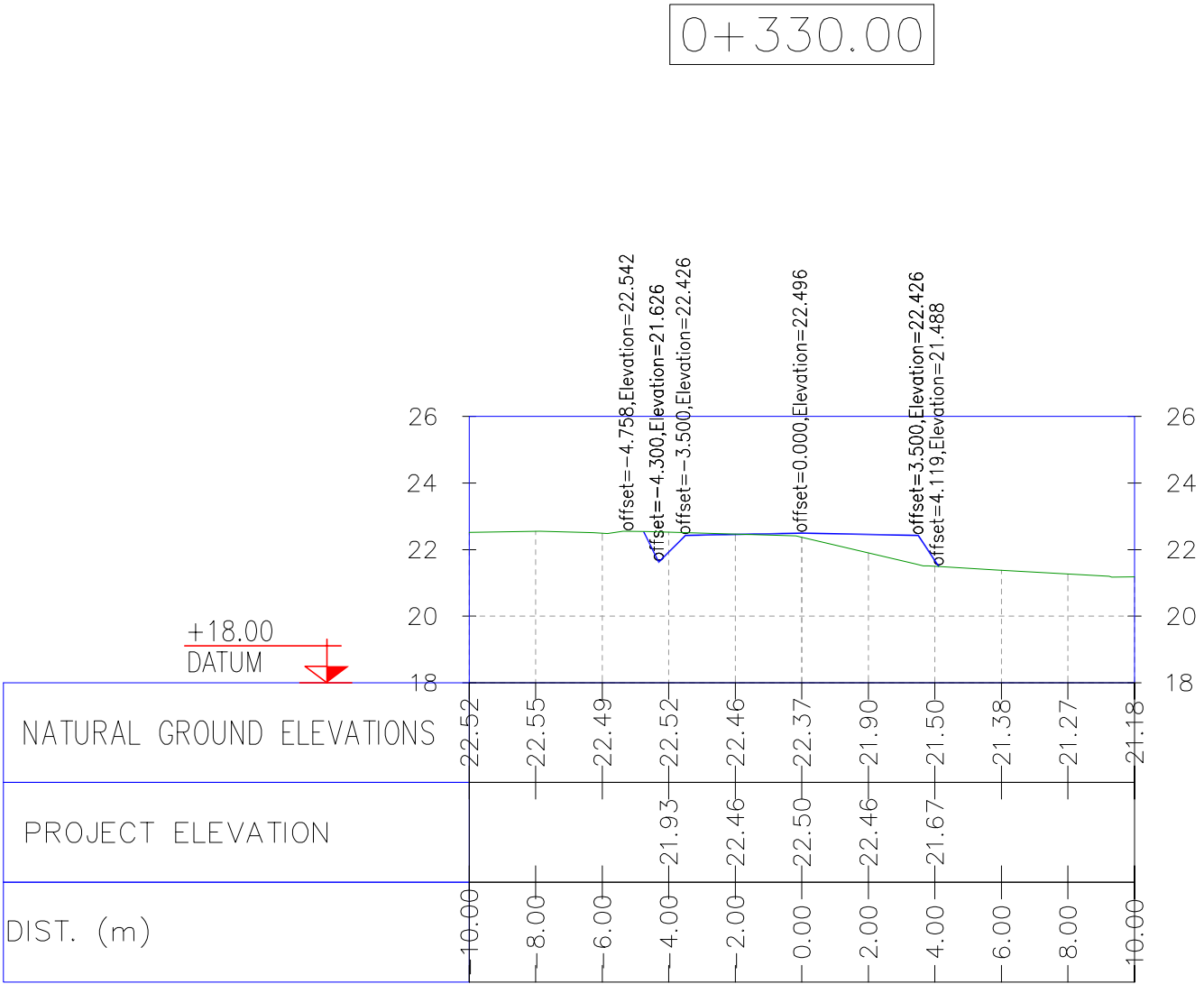
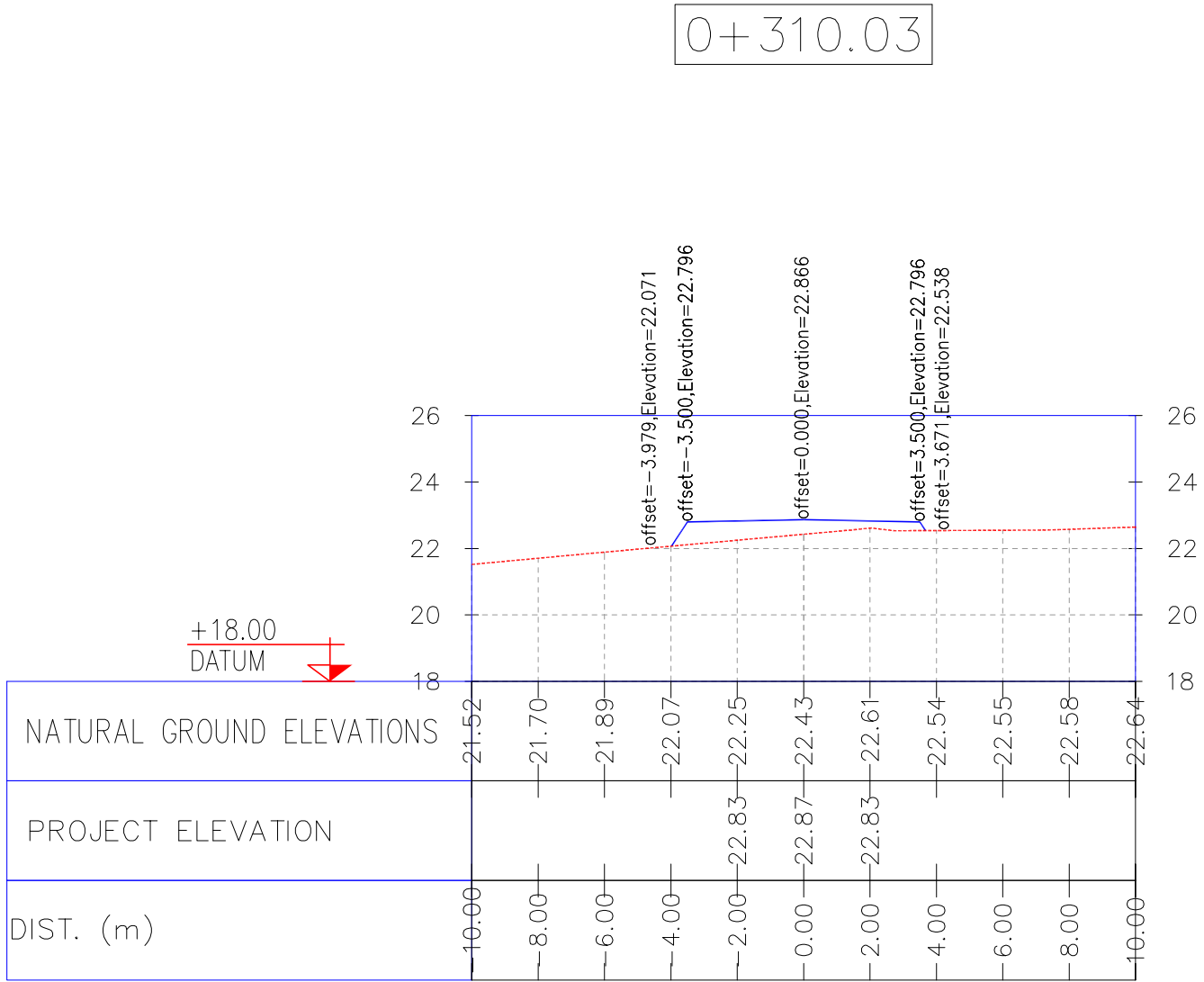
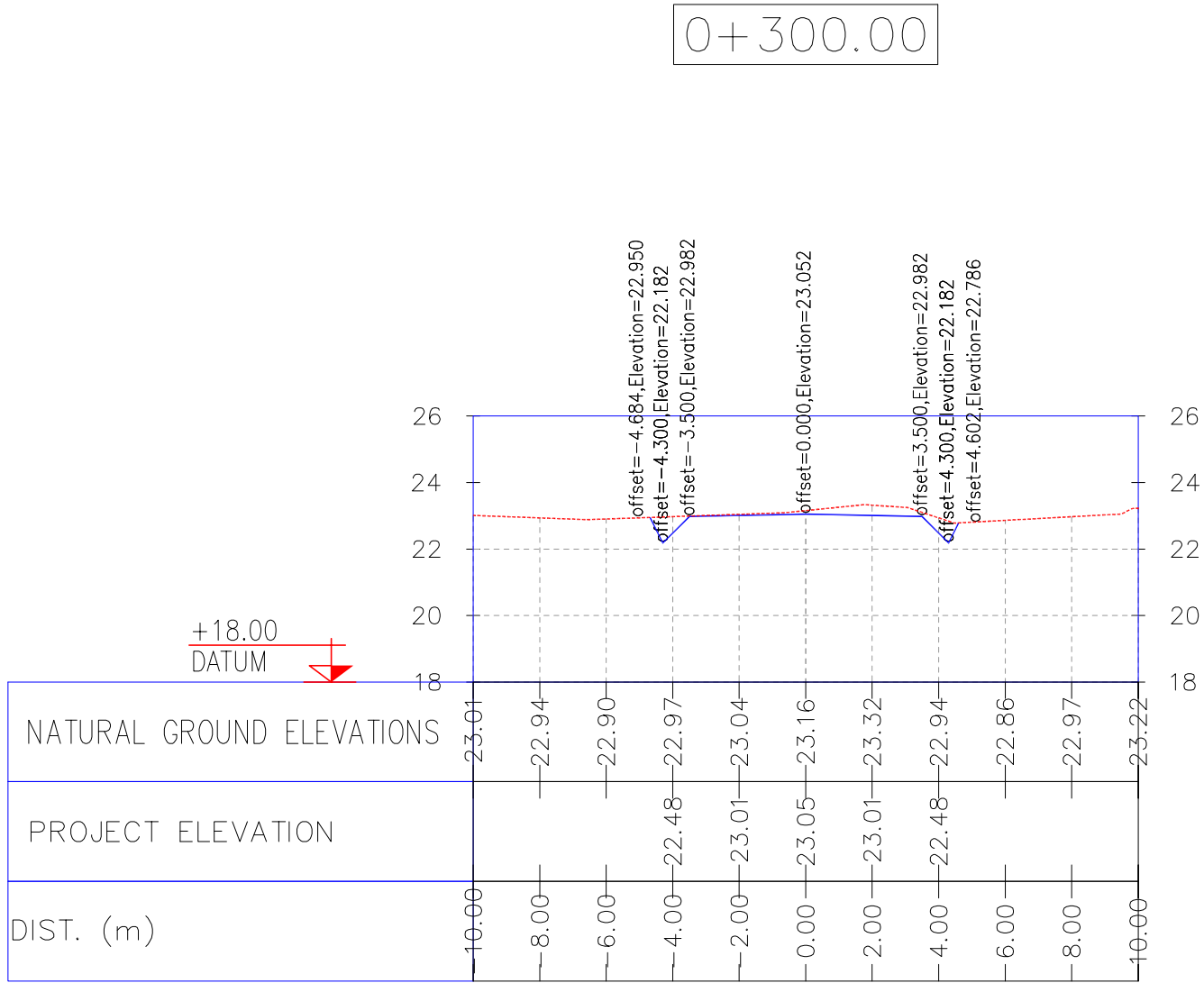
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب می باشد.



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N.I.S.O.C./ FIELDS

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W028 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	707548	27	D07



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: MSL

LEGEND

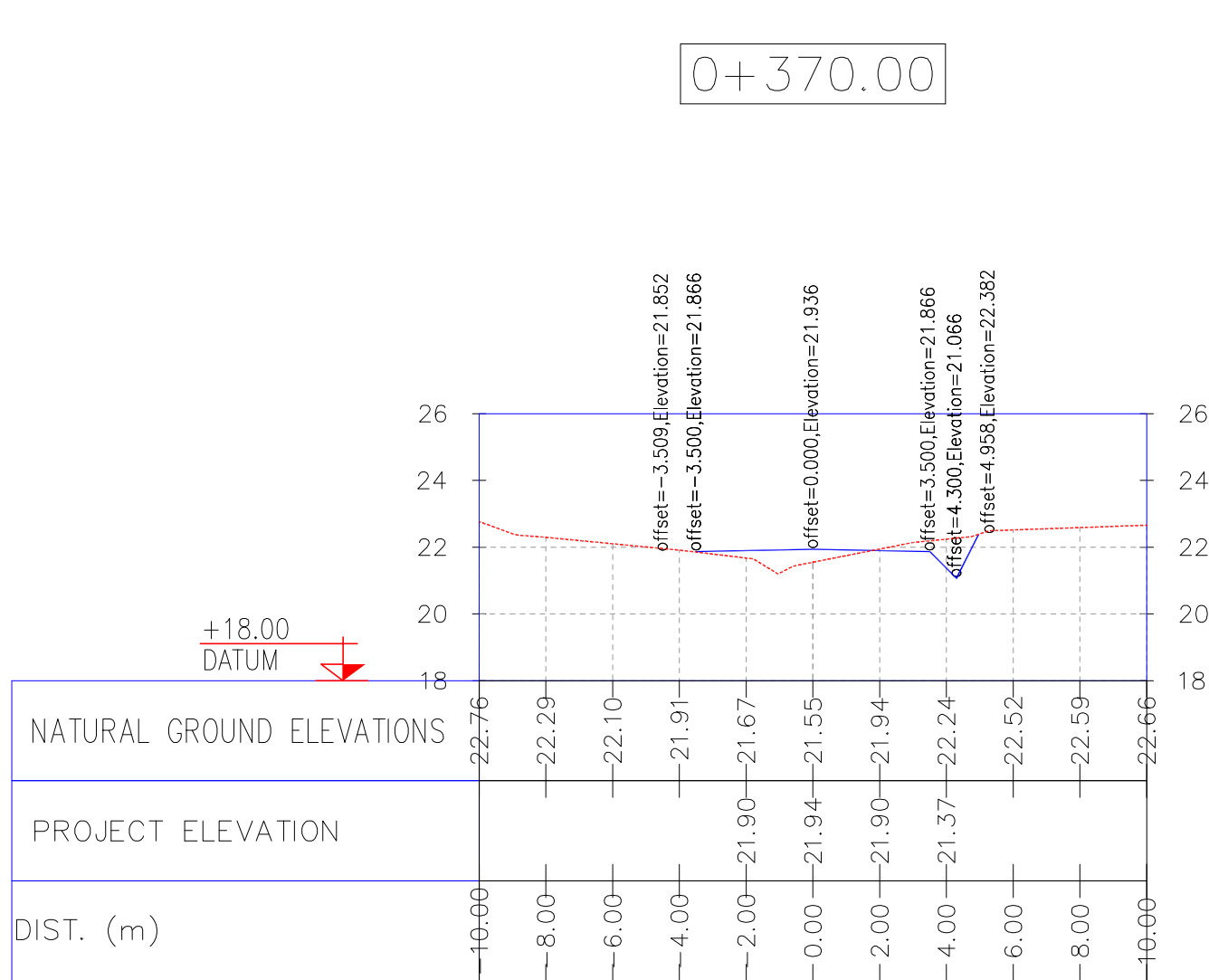
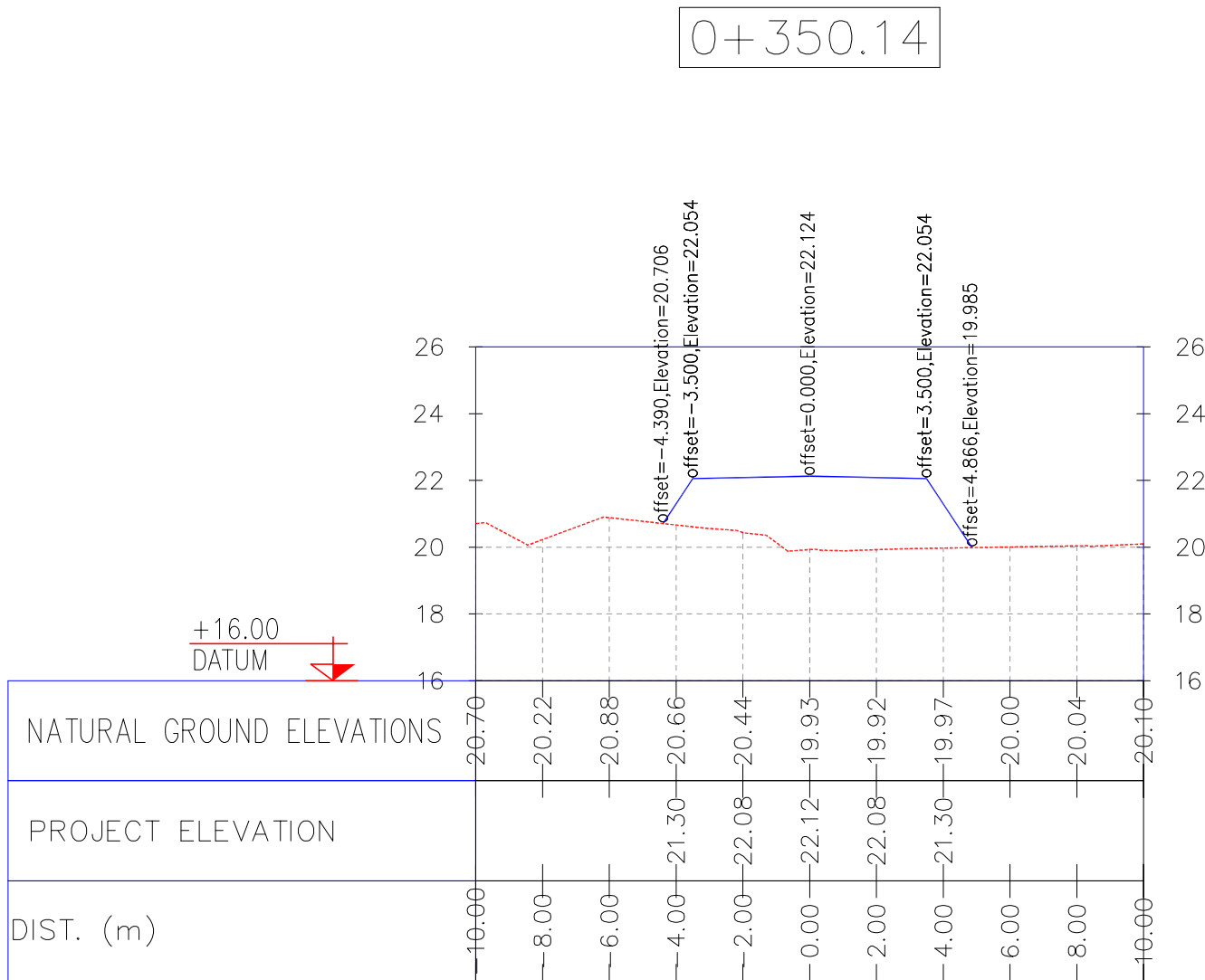
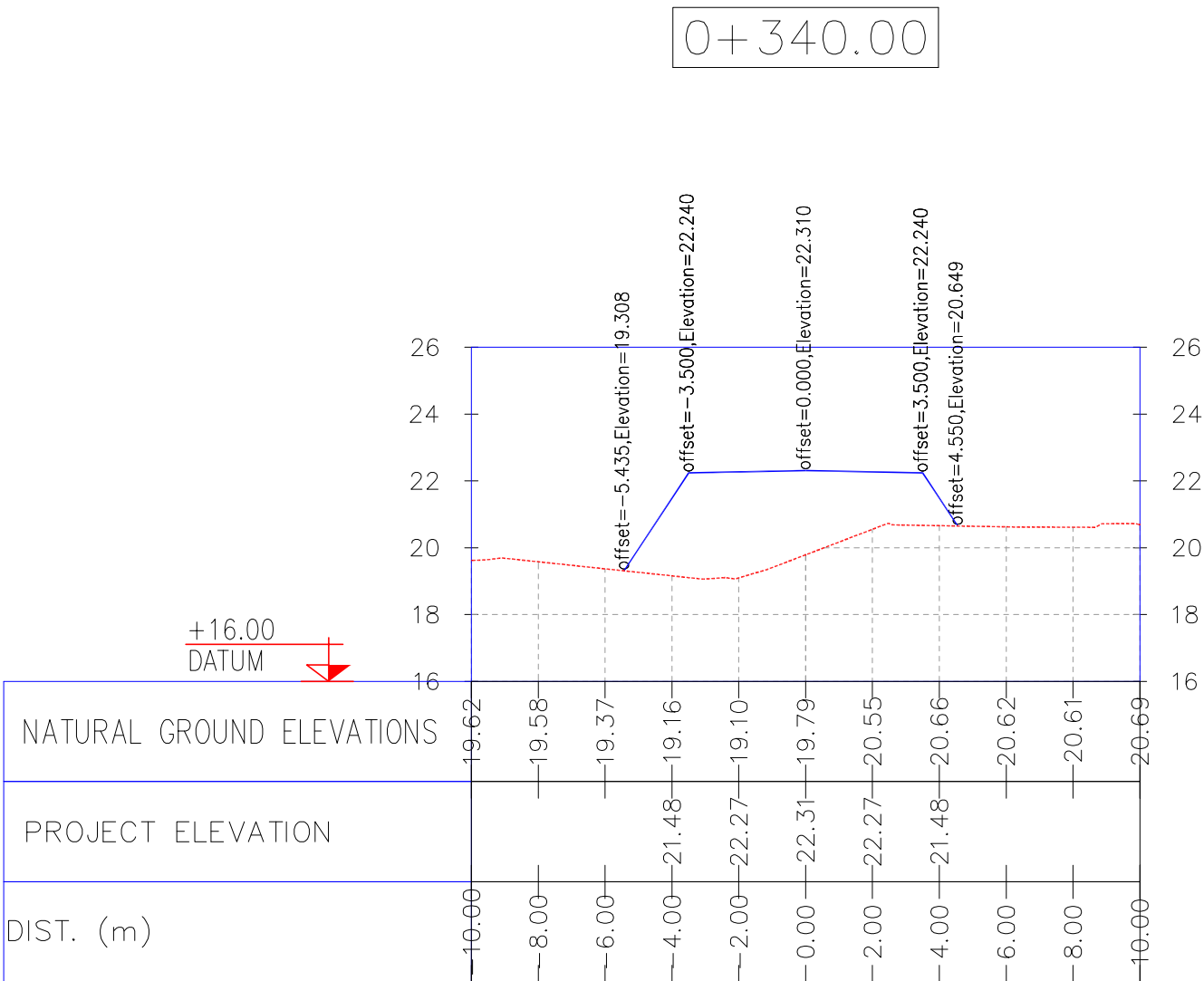
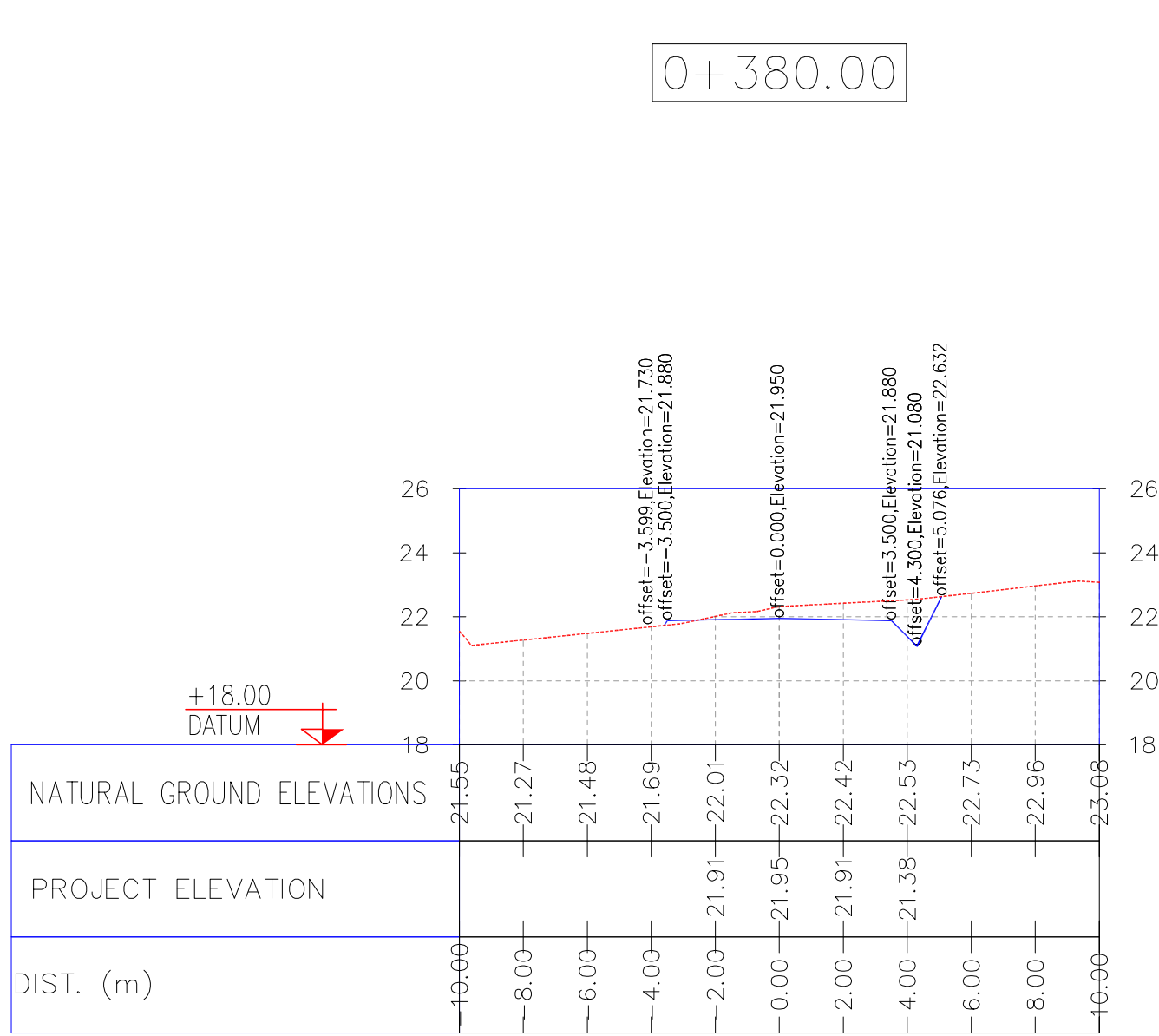
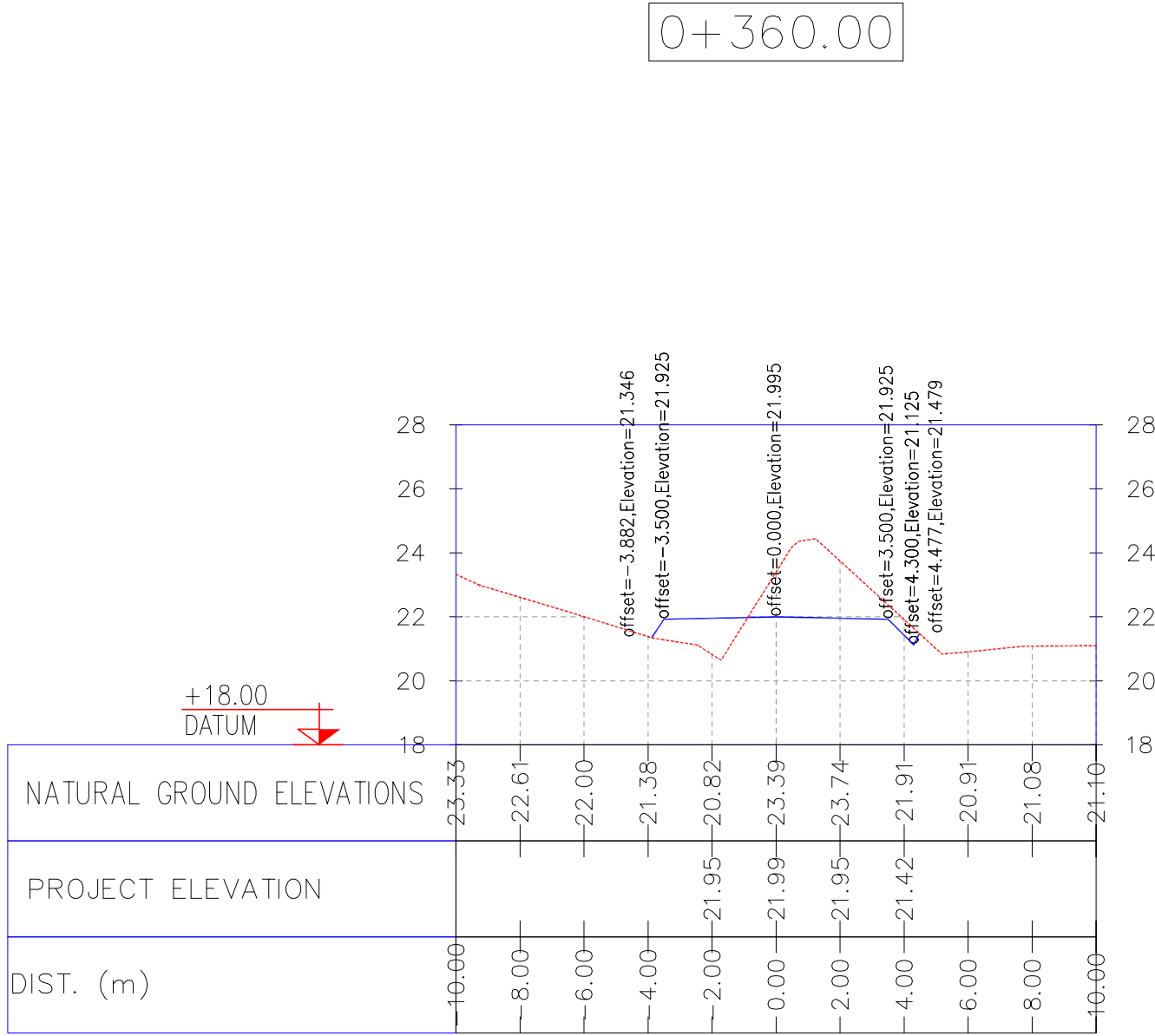
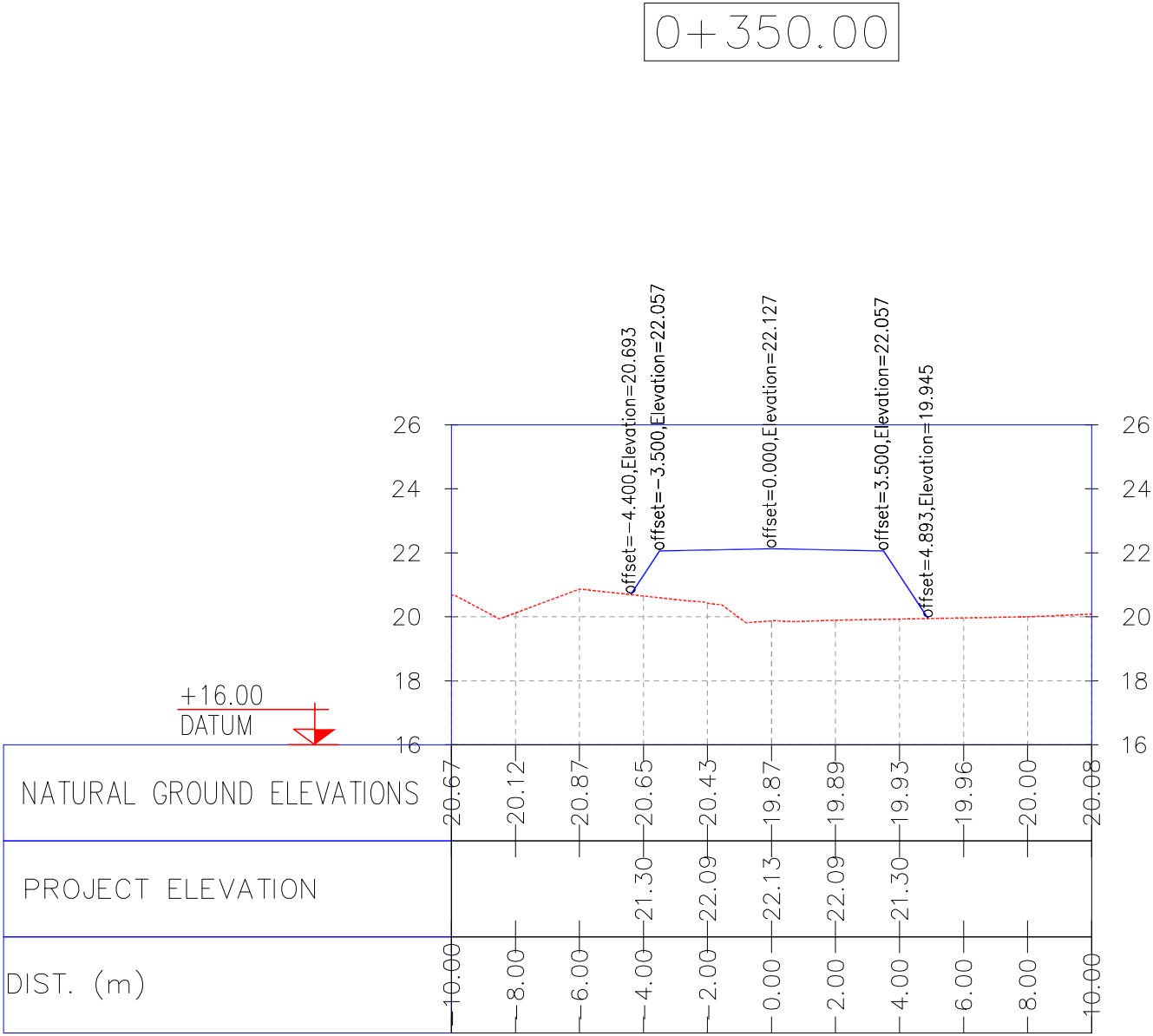
REFERENCE DRAWING	DRG. No.
General Civil Layout -W028	BK-W028-PEDCO-110-CV-PY-0001
Rough Grading Plans -W028	BK-W028-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

KEY PLAN

D07	OCT.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IPC	R. BERLOUEI	M.FAKHARIAN	SH.GHALKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME:		BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES			
PROJECT NO.:		971020			
EPC CONTRACTOR:		EPD/EPC CONTRACTOR(GC):			
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES				 PETROIRAN DEVELOPMENT COMPANY	
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S ACCESS ROAD TRANSVERSAL SECTIONS KM 300~330M					
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W028-PEDCO-110-CV-PY-0002		28 of 42	D07

***	*****	***	*****	***	*****
REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR	
اصل و کليه نسخ اين نقشه و حق اقياس متعلق به شرکت ملي مناطق نفت خيز جنوب مي باشد.					
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BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 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
063-073-9184	F	4	S	707548	28
					D07



NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.

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

3-GEODETTIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETTIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL

LEGEND

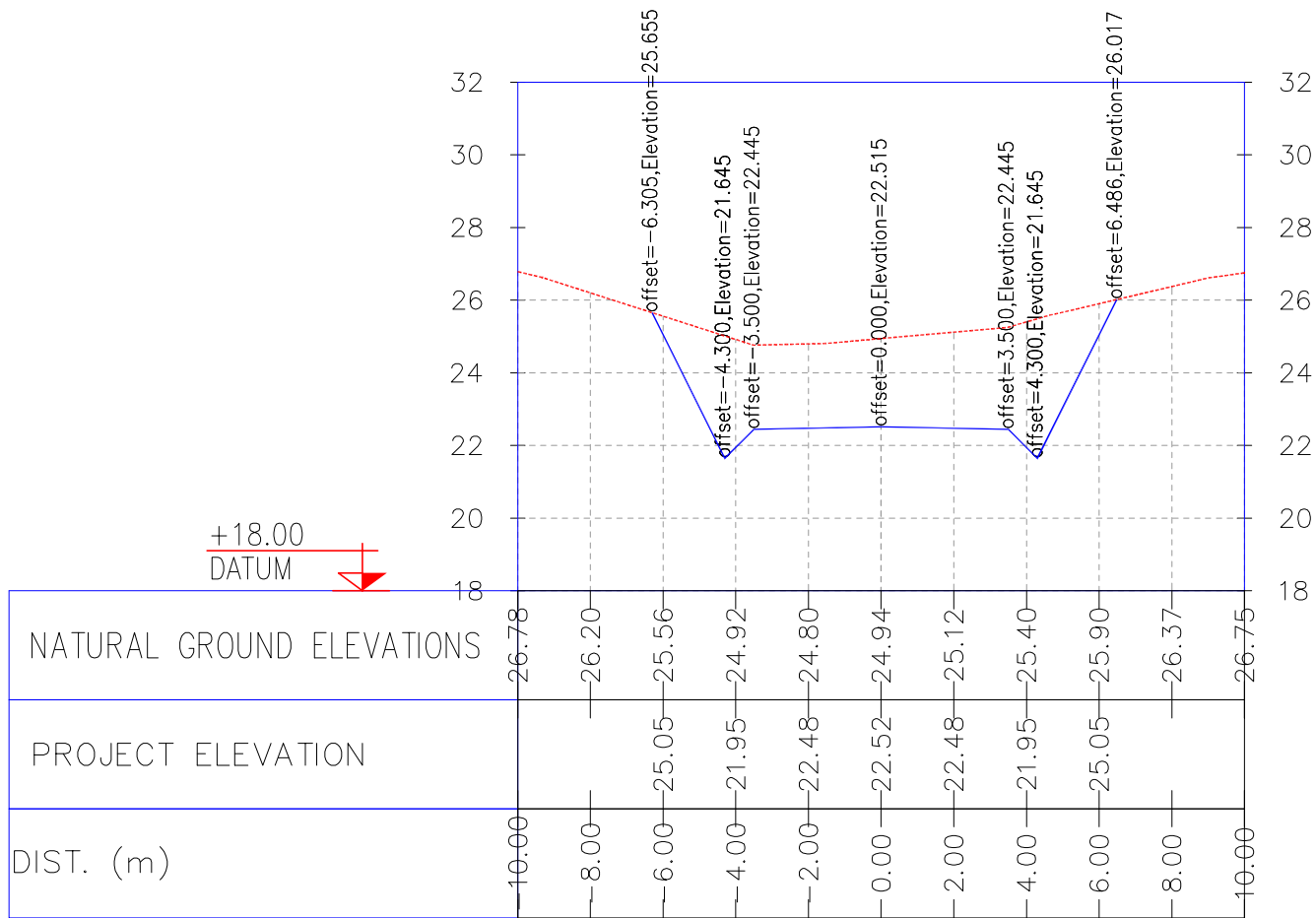
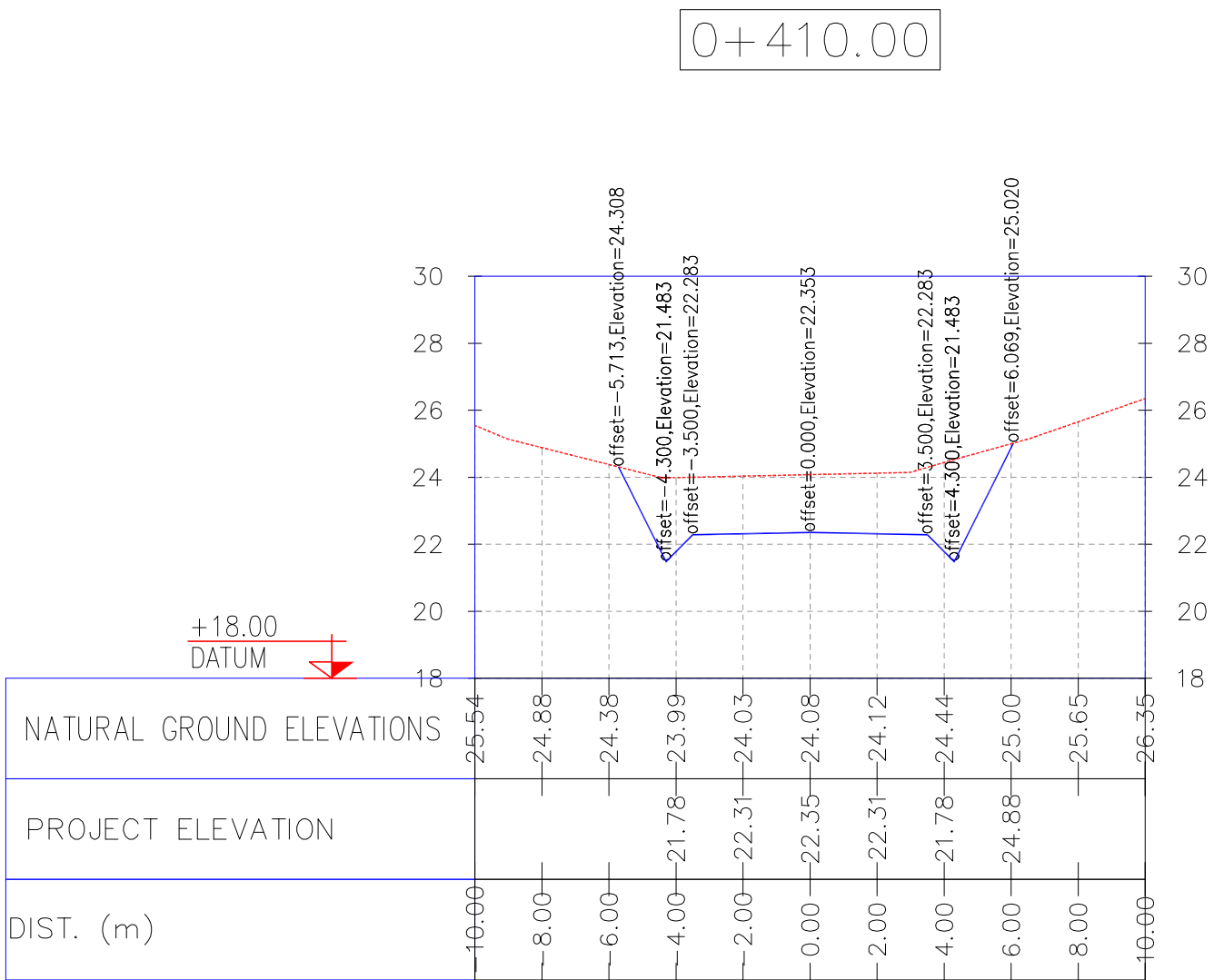
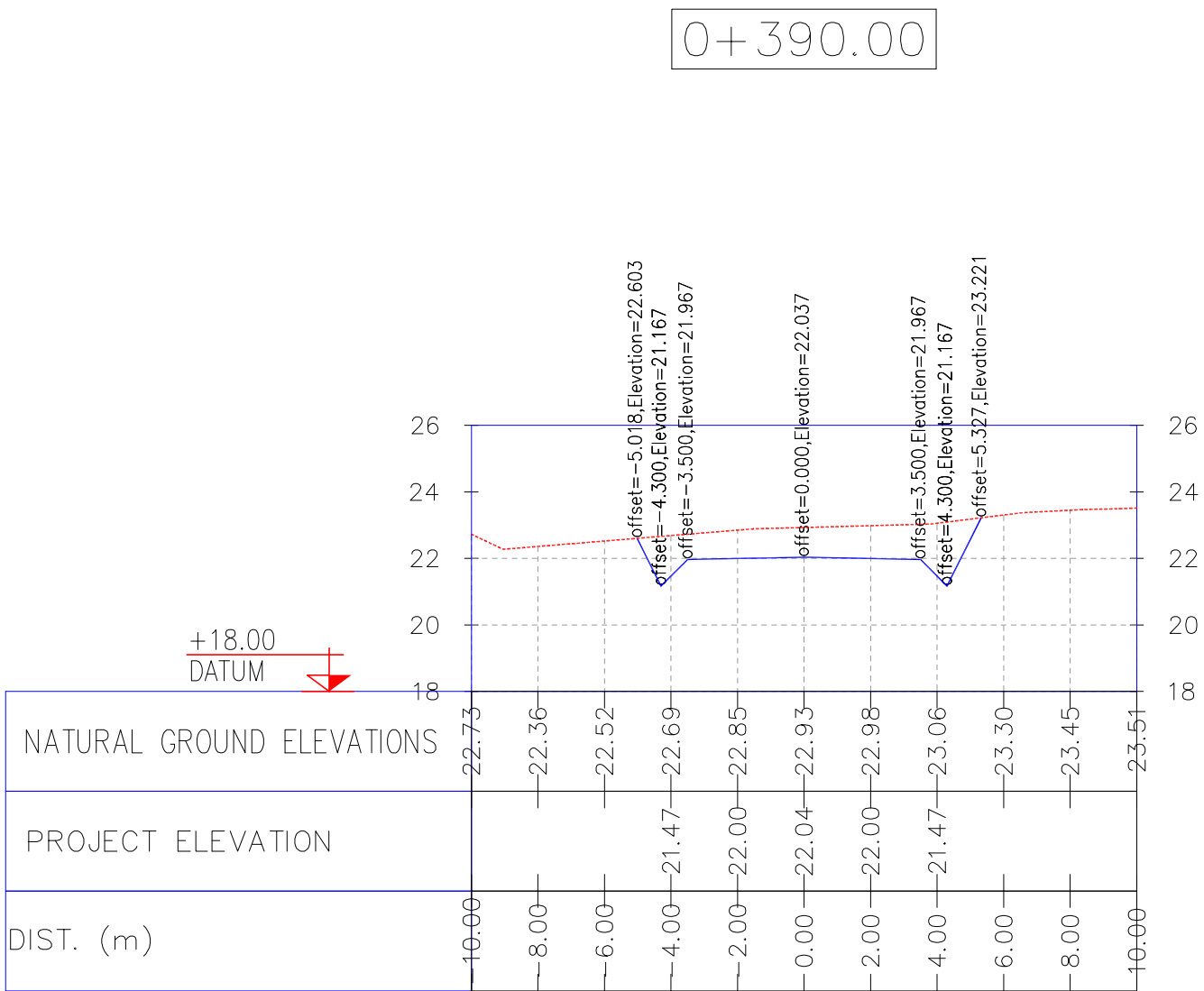
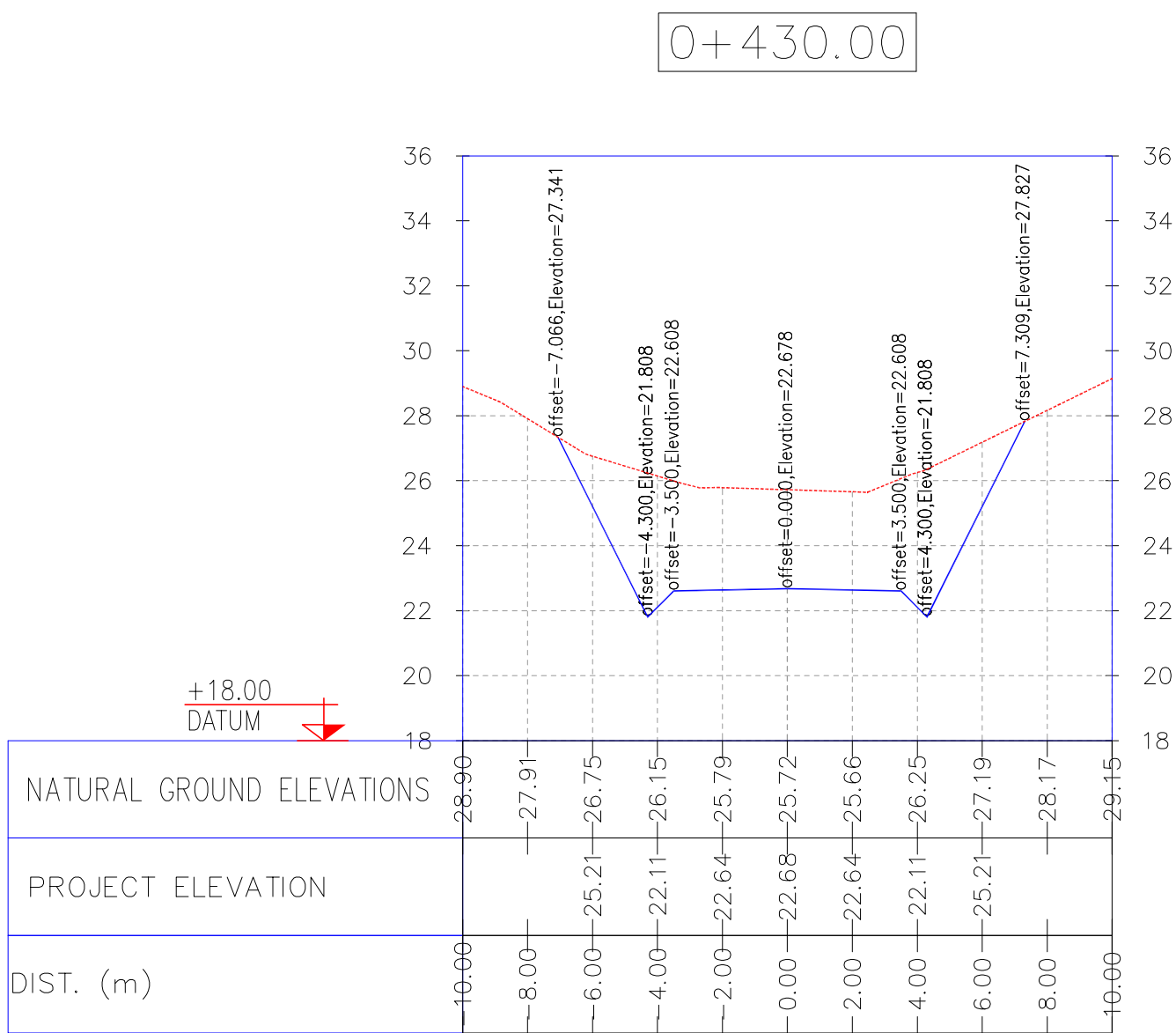
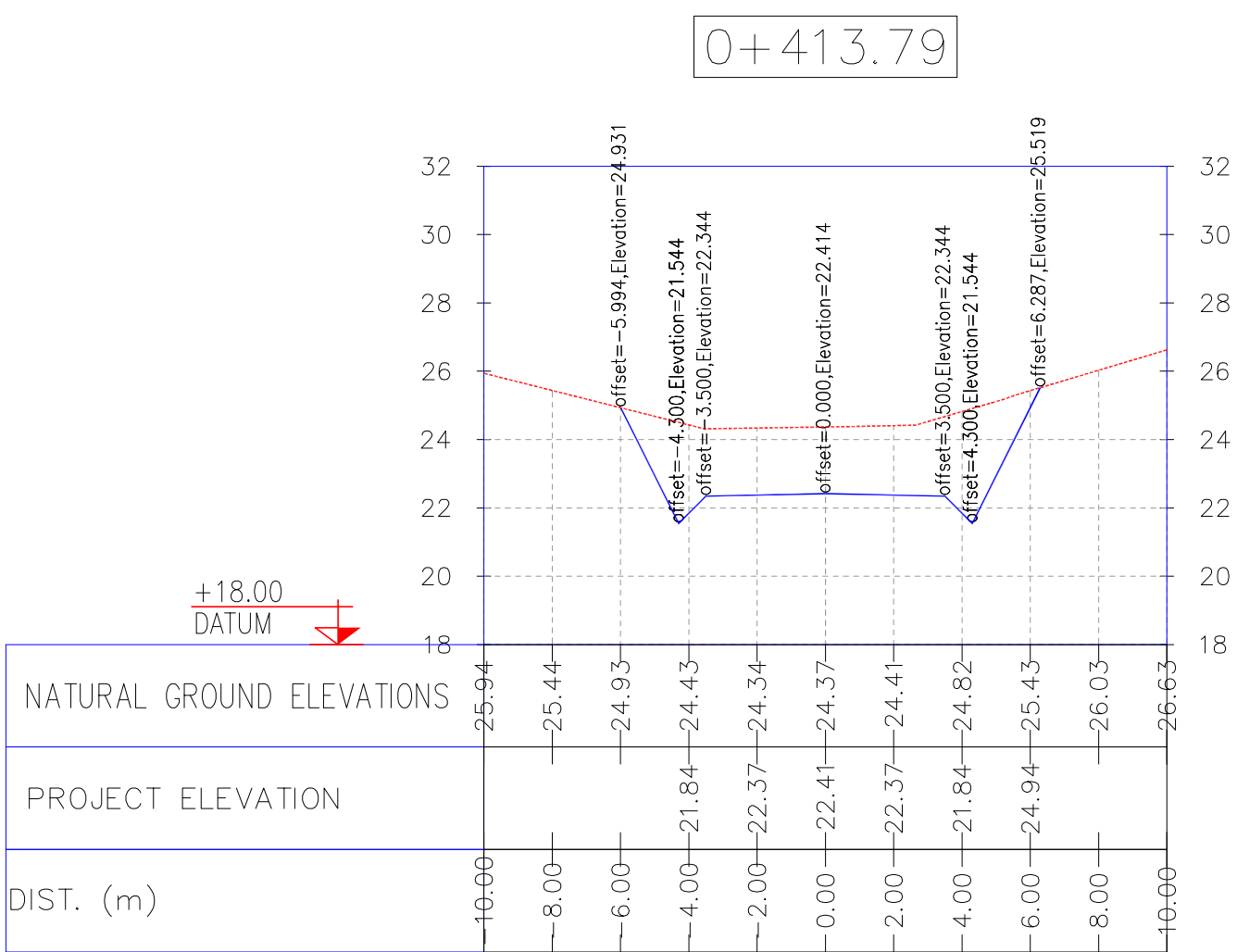
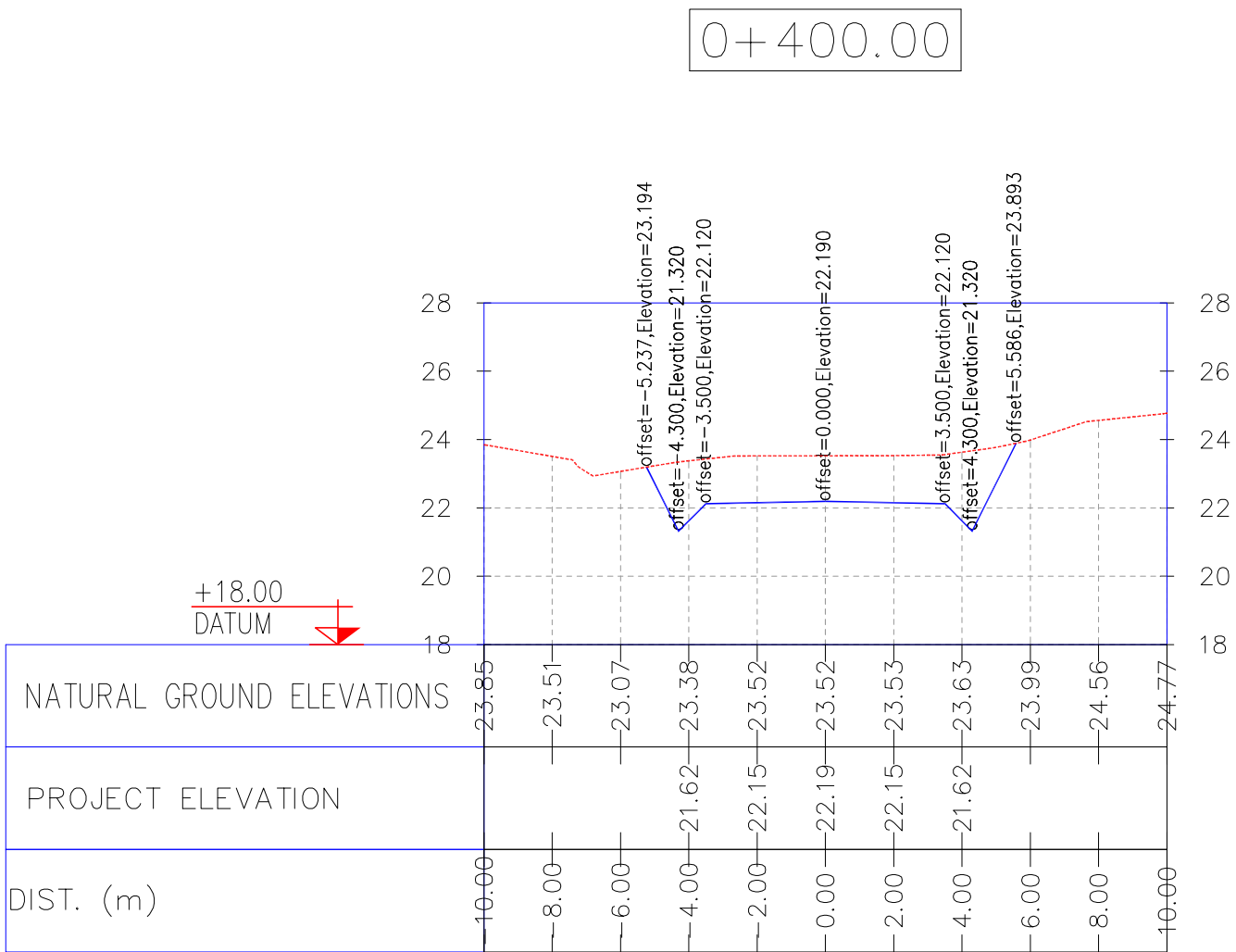
REFERENCE DRAWING	DRG. No.
General Civil Layout -W028	BK-W028-PEDCO-110-CV-PY-0001
Rough Grading Plans -W028	BK-W028-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

KEY PLAN

D07	OCT.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	** **
D05	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IPC	R. BERLOUEI	M.FAKHARIAN	SH.GHALKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME:		BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES			
PROJECT NO.:		971020			
EPC CONTRACTOR:		EPD/EPC CONTRACTOR(GC):			
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES		  PEDCO		PETROIRAN DEVELOPMENT COMPANY	
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S ACCESS ROAD TRANSVERSAL SECTIONS KM 350~380M					
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W028-PEDCO-110-CV-PY-0002		29 of 42	D07

***	*****	*** **	***.***	*** **	***.***
REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
اصل و کليه نسخ اين نقشه و حق اقتباس متعلق به شرکت ملي مناطق نفت خيز جنوب ميباشد.					
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BINAK OILFIELD DEVELOPMENT SUB - SURFACE WORK PACKAGES W028 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	707548	29 D07



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 GEOETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL

LEGEND

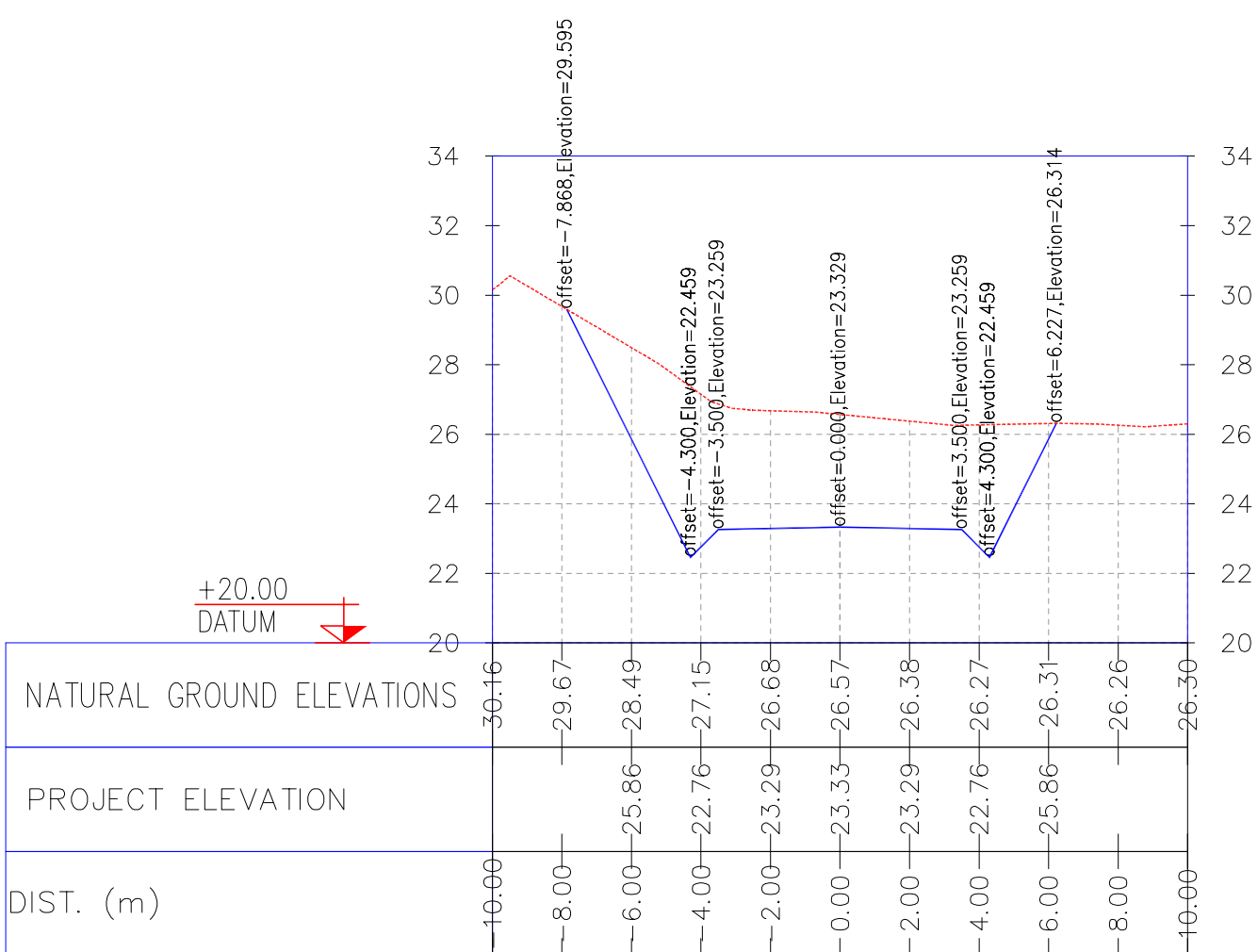
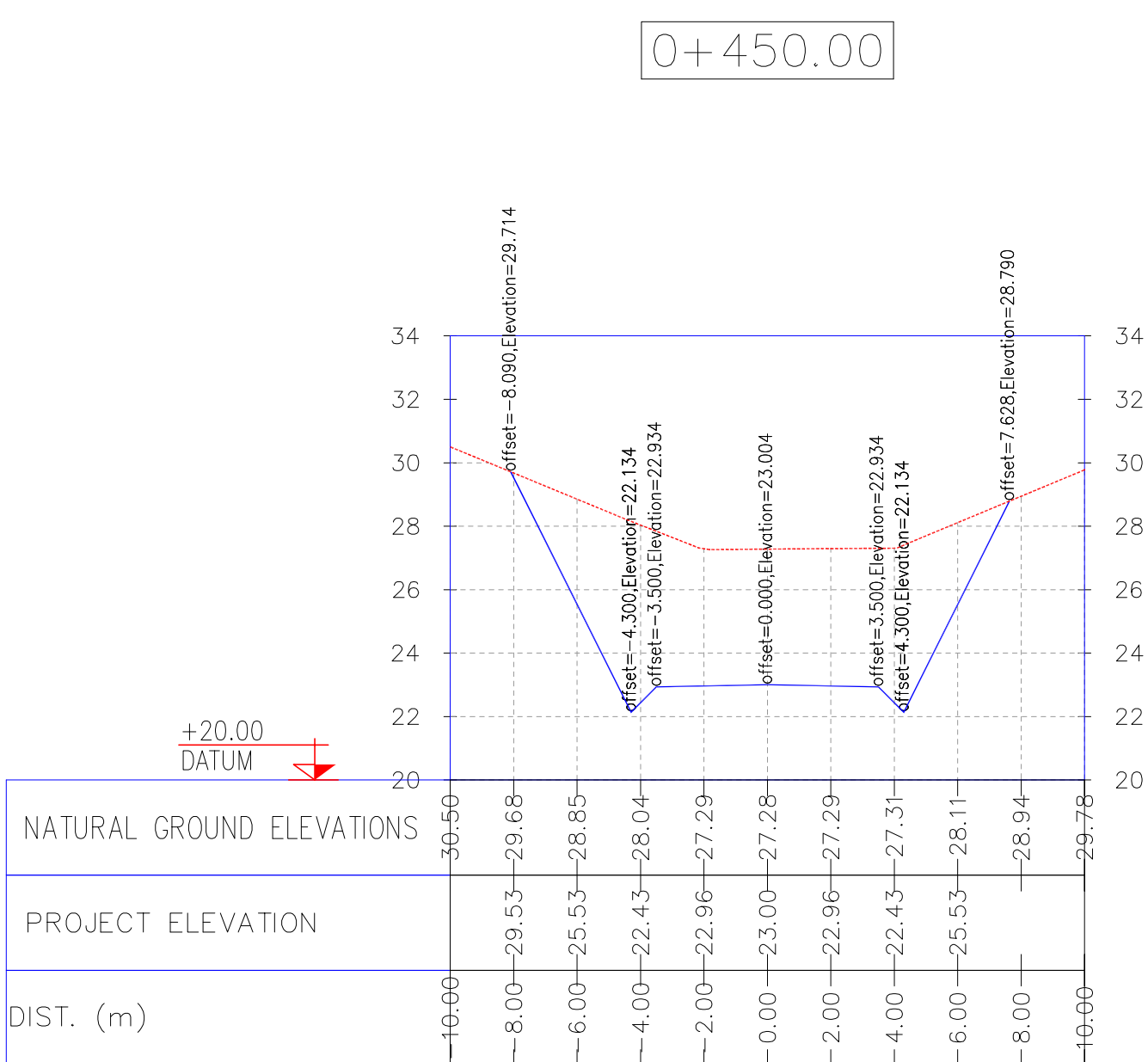
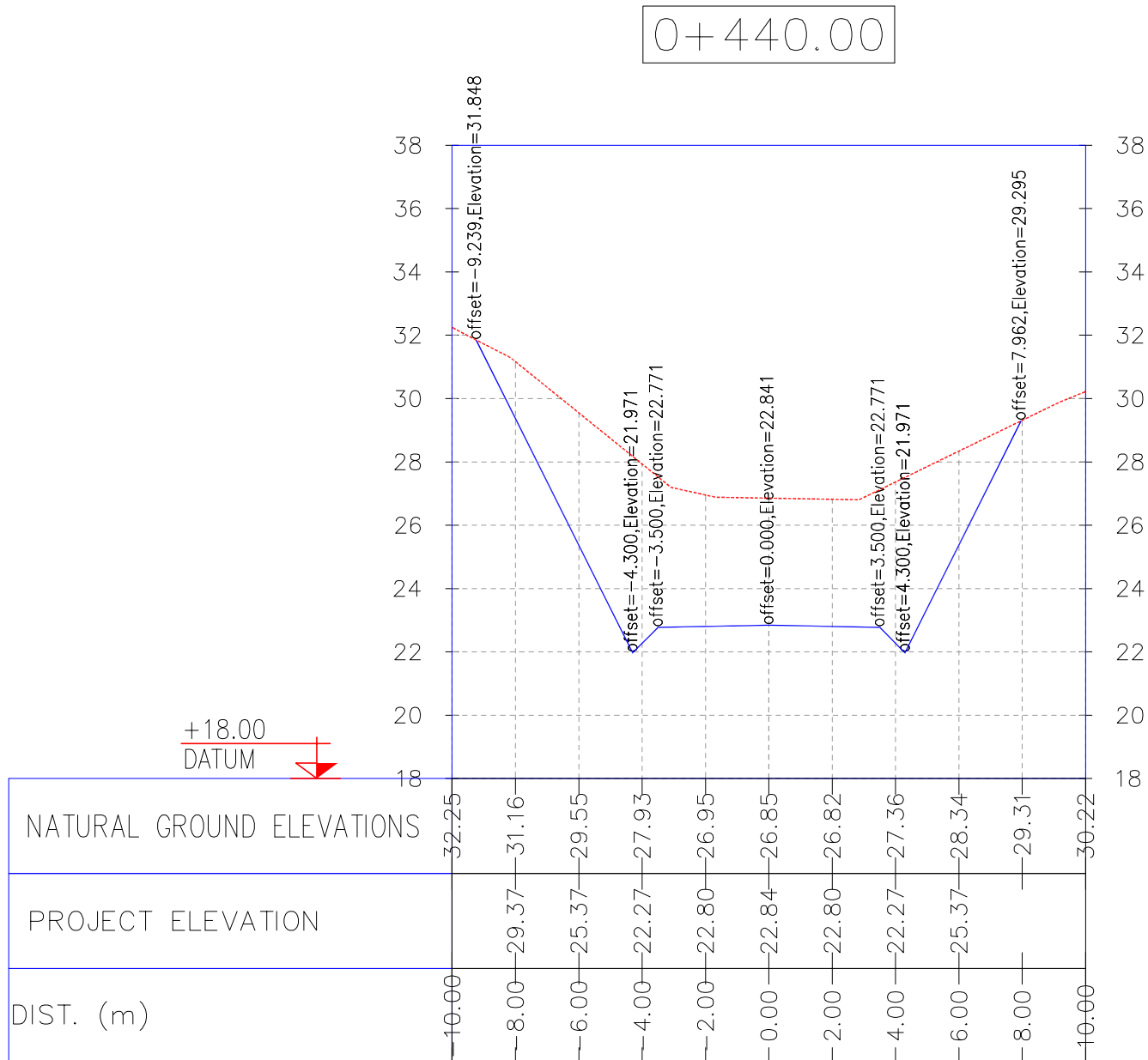
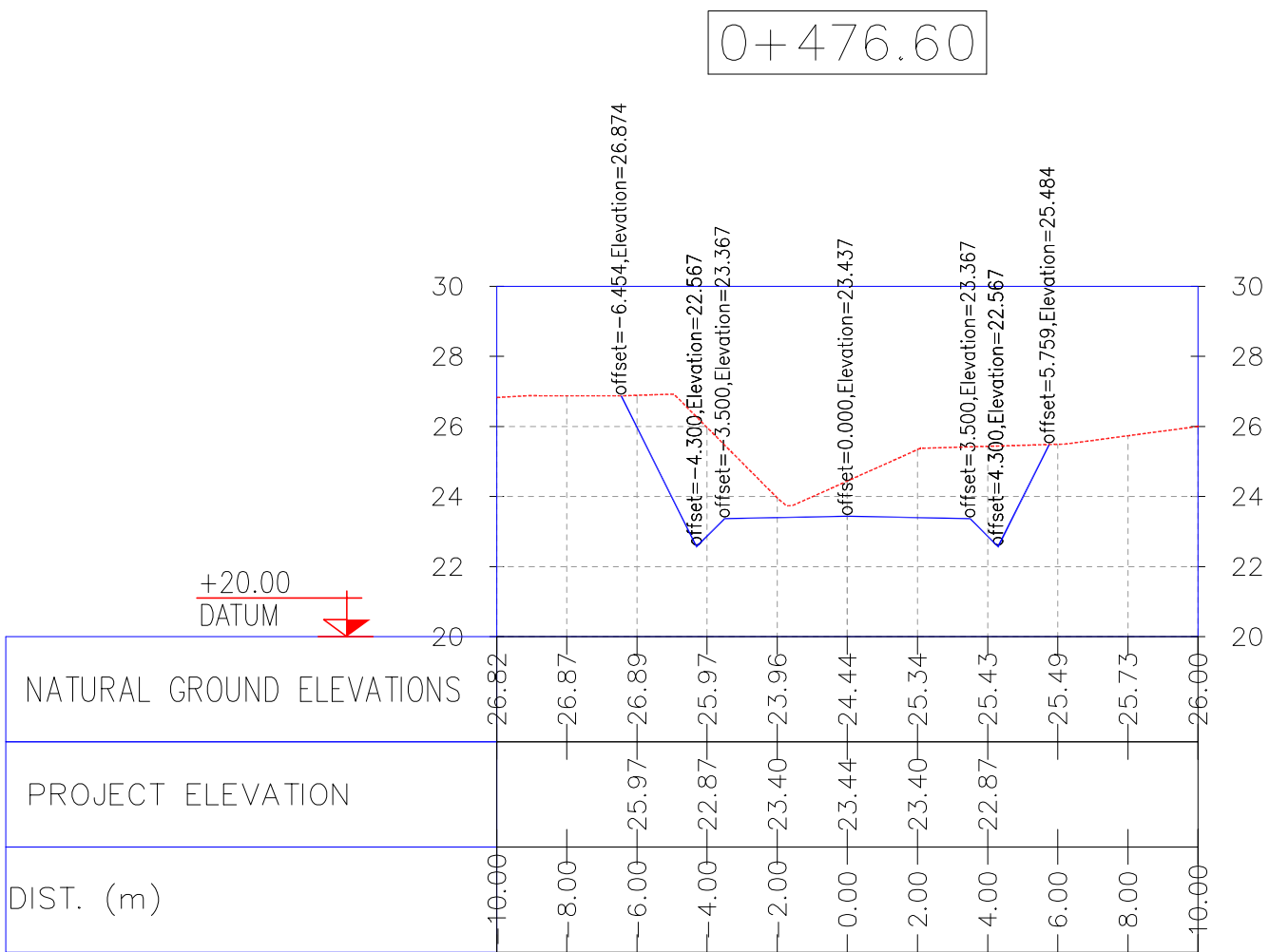
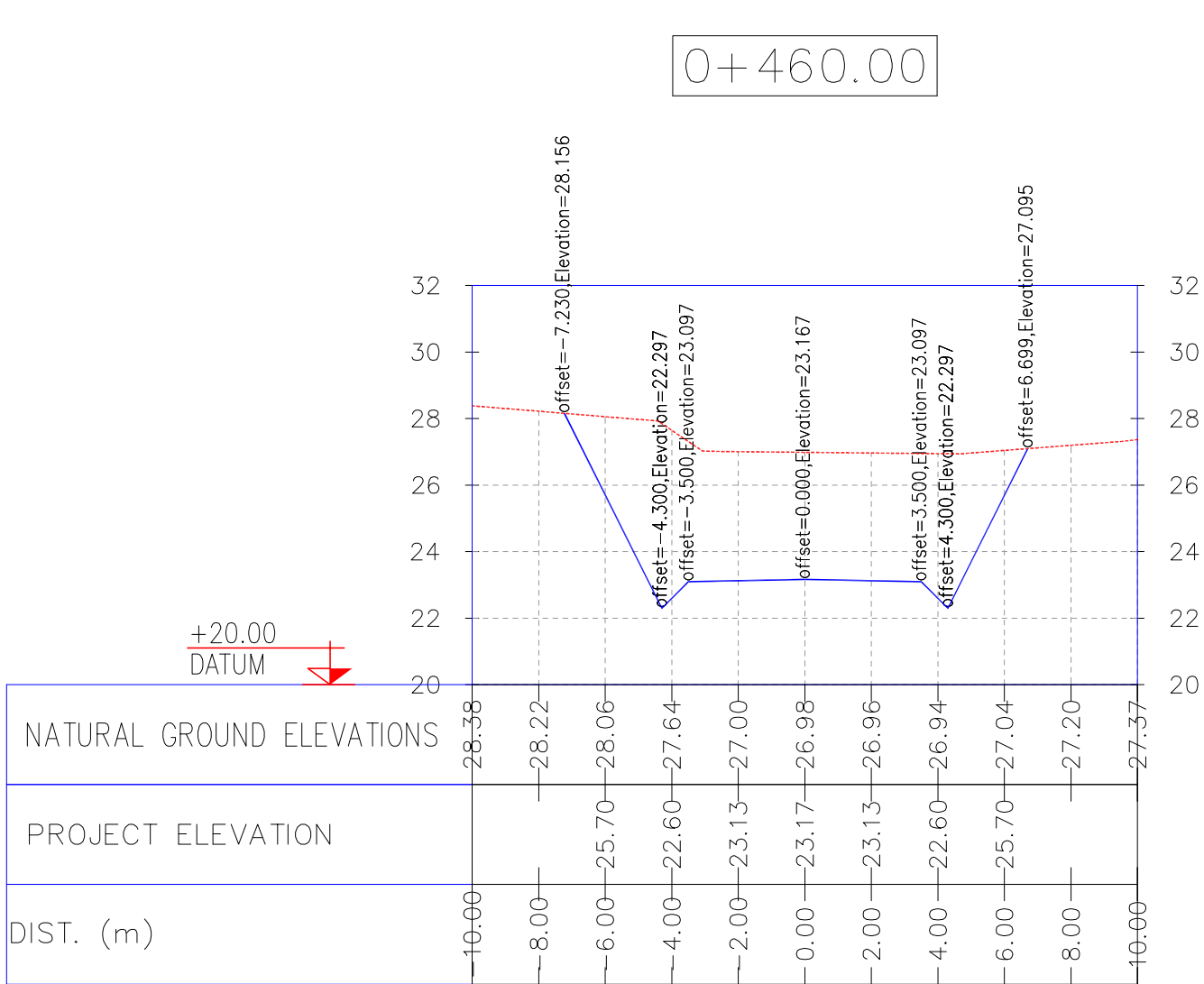
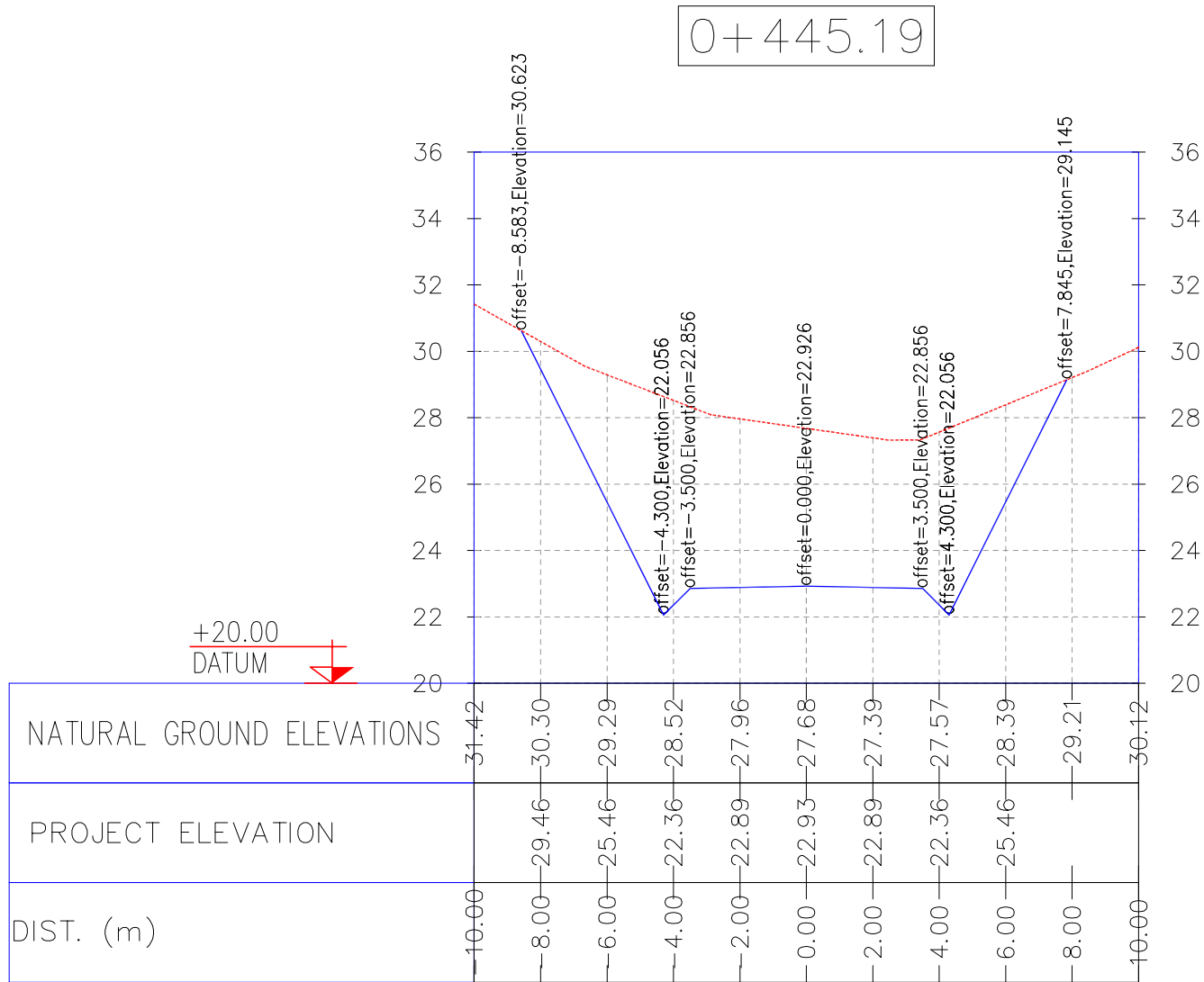
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General Civil Layout -W028	BK-W028-PEDCO-110-CV-PY-0001
Rough Grading Plans -W028	BK-W028-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

KEY PLAN

D07	OCT.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IPC	R. BERLOUEI	M.FAKHARIAN	SH.GHALKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME:		BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES			
PROJECT NO.:		971020			
EPC CONTRACTOR:		EPD/EPC CONTRACTOR(GC):			
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES		  PEDCO		PETROIRAN DEVELOPMENT COMPANY	
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S ACCESS ROAD TRANSVERSAL SECTIONS KM 400~430M					
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W028-PEDCO-110-CV-PY-0002		30 of 42	D07

THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS					
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	707548	30



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: MSL

LEGEND

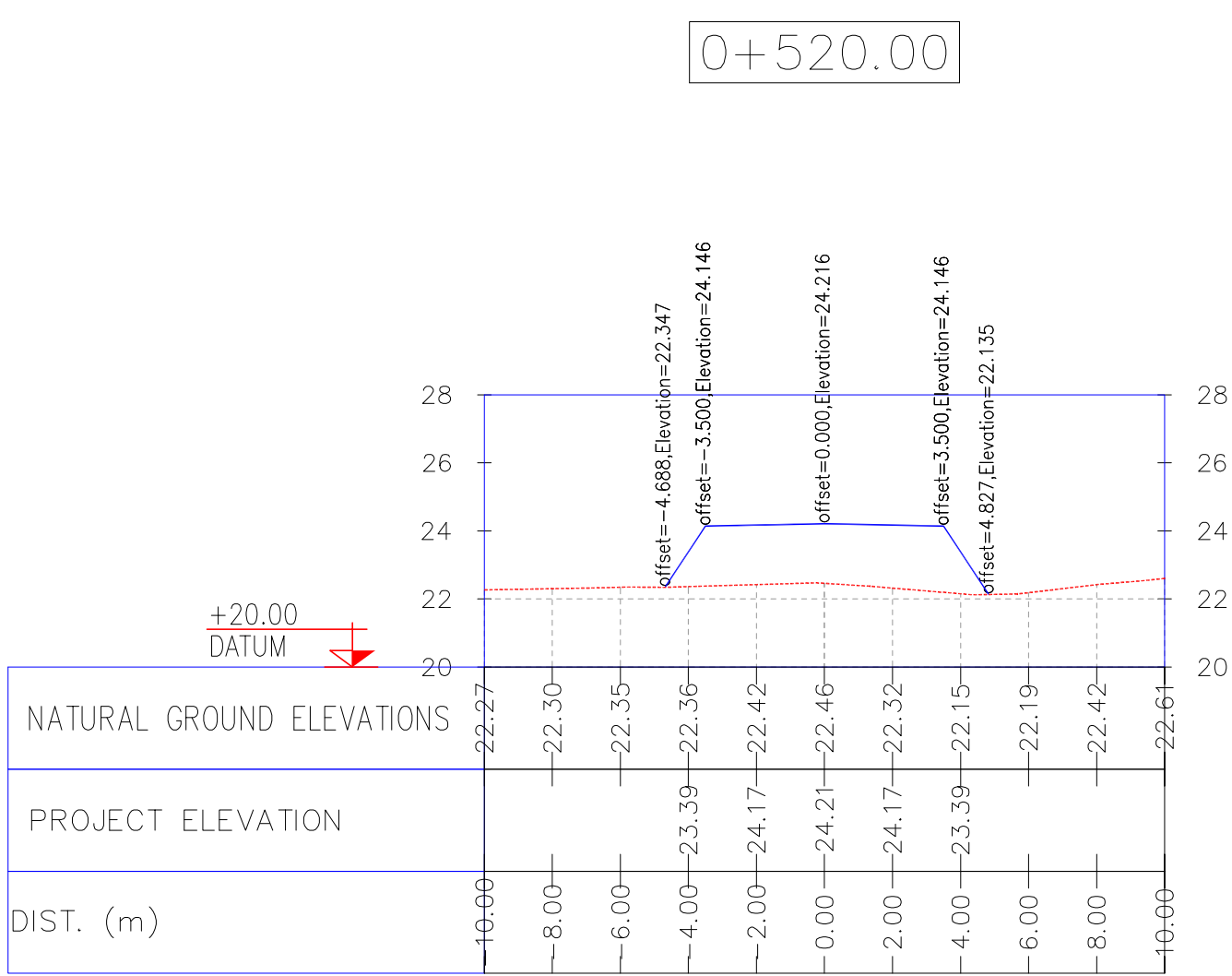
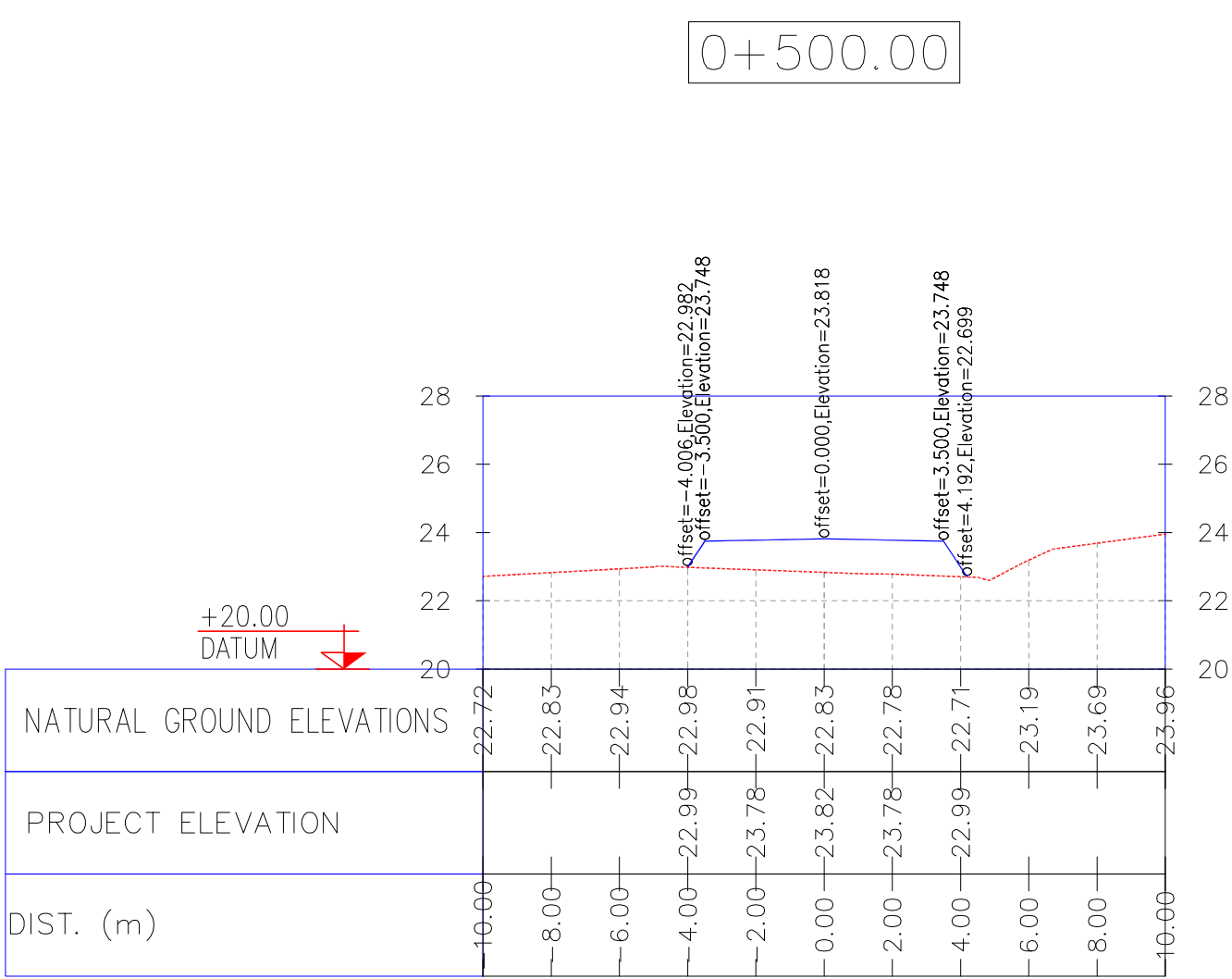
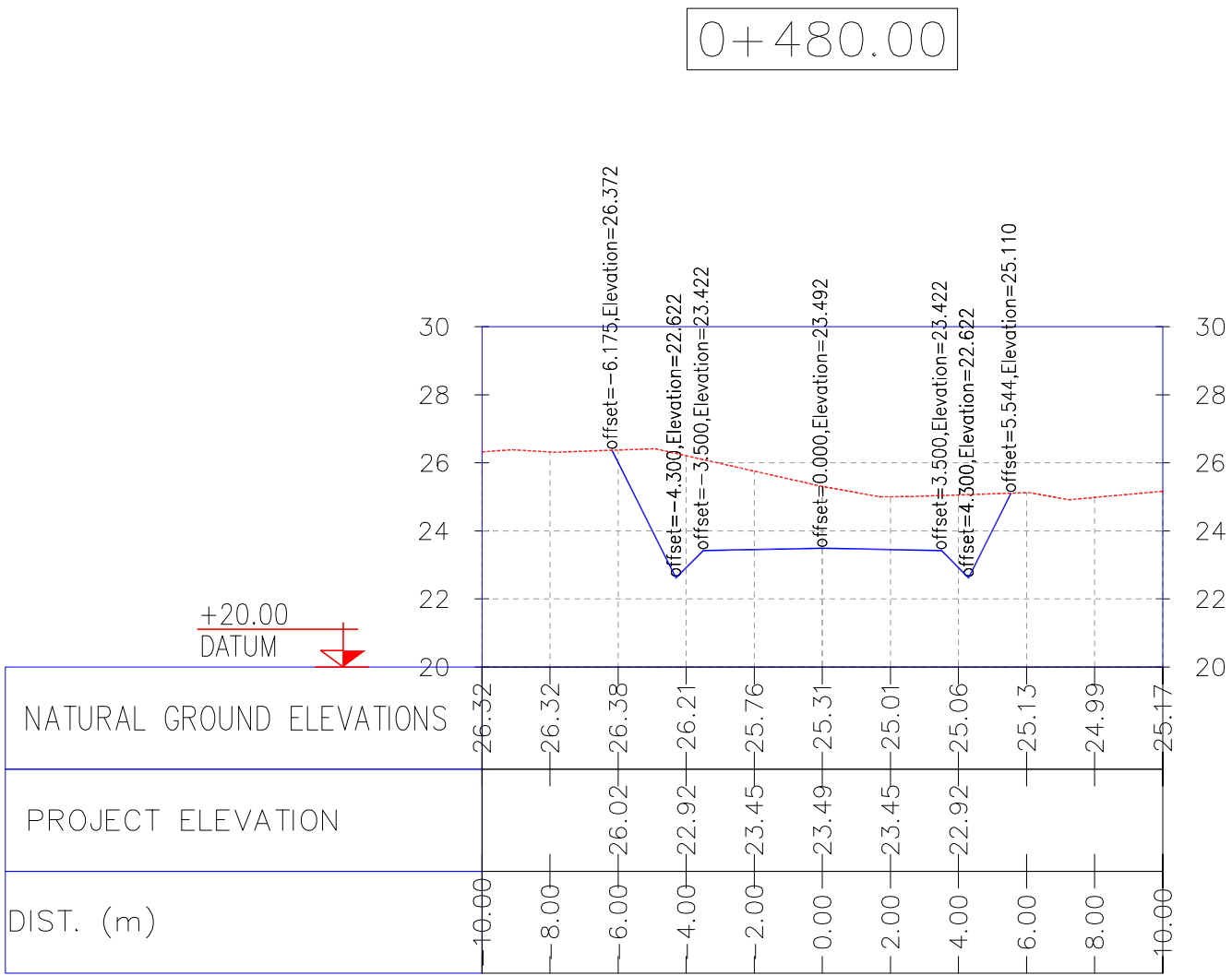
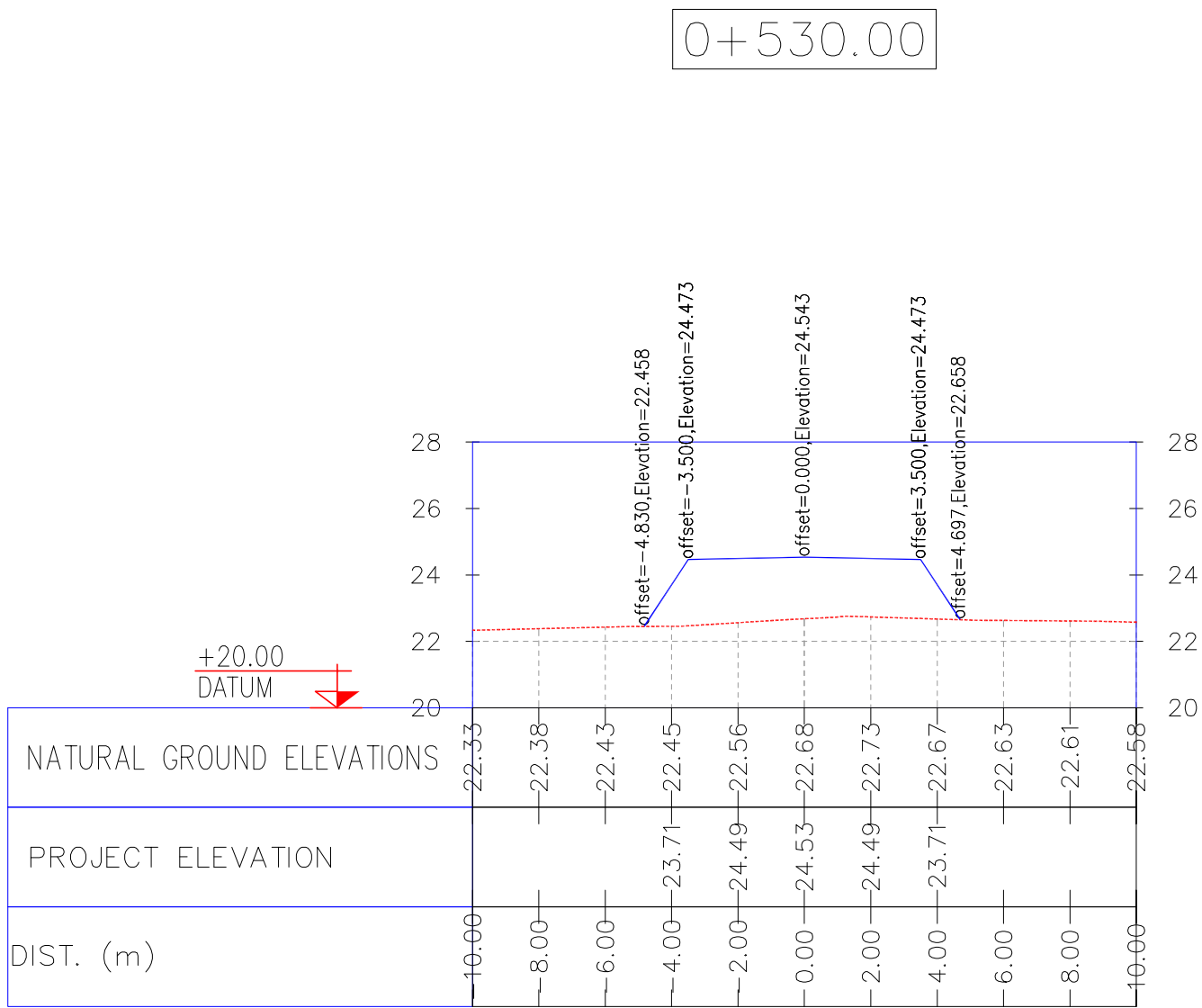
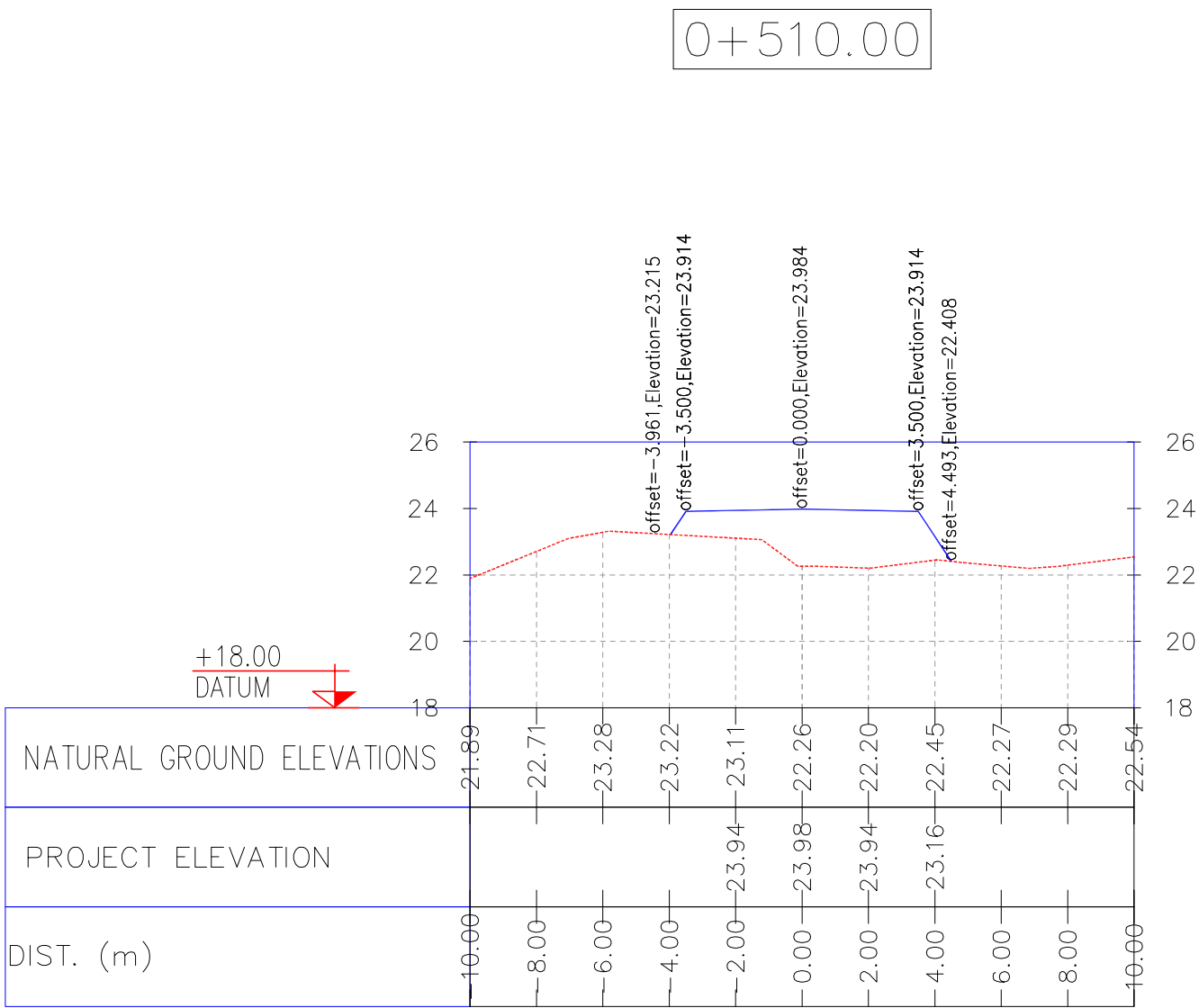
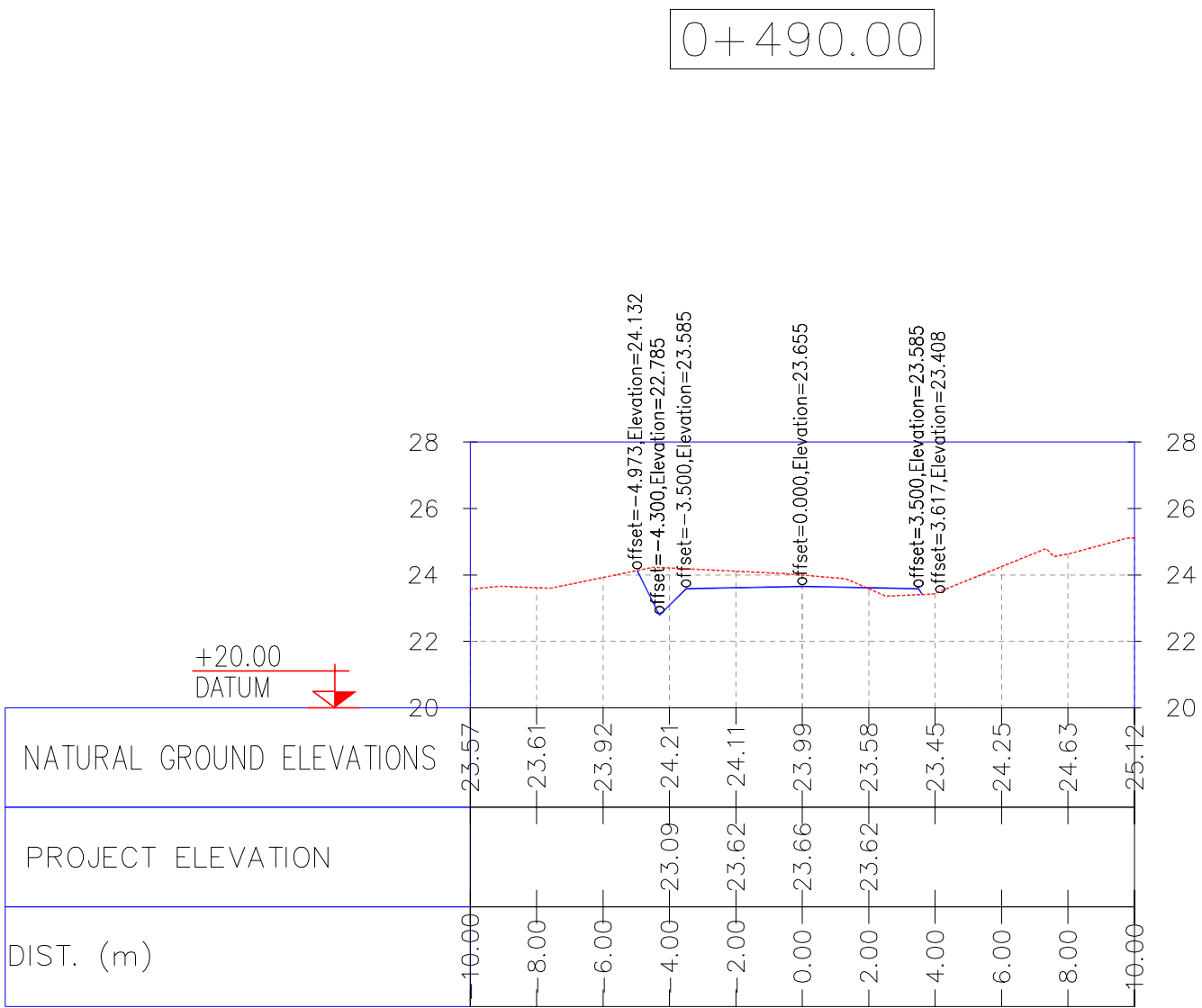
REFERENCE DRAWING	DRG. No.
General Civil Layout -W028	BK-W028-PEDCO-110-CV-PY-0001
Rough Grading Plans -W028	BK-W028-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

KEY PLAN

D07	OCT.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**
D05	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IPC	R. BERLOUEI	M.FAKHARIAN	SH.GHALKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME:		BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES			
PROJECT NO.:		971020			
EPC CONTRACTOR:		EPD/EPC CONTRACTOR(GC):			
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES		 PEDCO		 PETROIRAN DEVELOPMENT COMPANY	
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S ACCESS ROAD TRANSVERSAL SECTIONS KM 445.19~ 476.6M					
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W028-PEDCO-110-CV-PY-0002		31 of 42	D07

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.
053-073-9184	F	4	S	707548
SHEET	REVISION			
31	D07			



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 GEOETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL

LEGEND

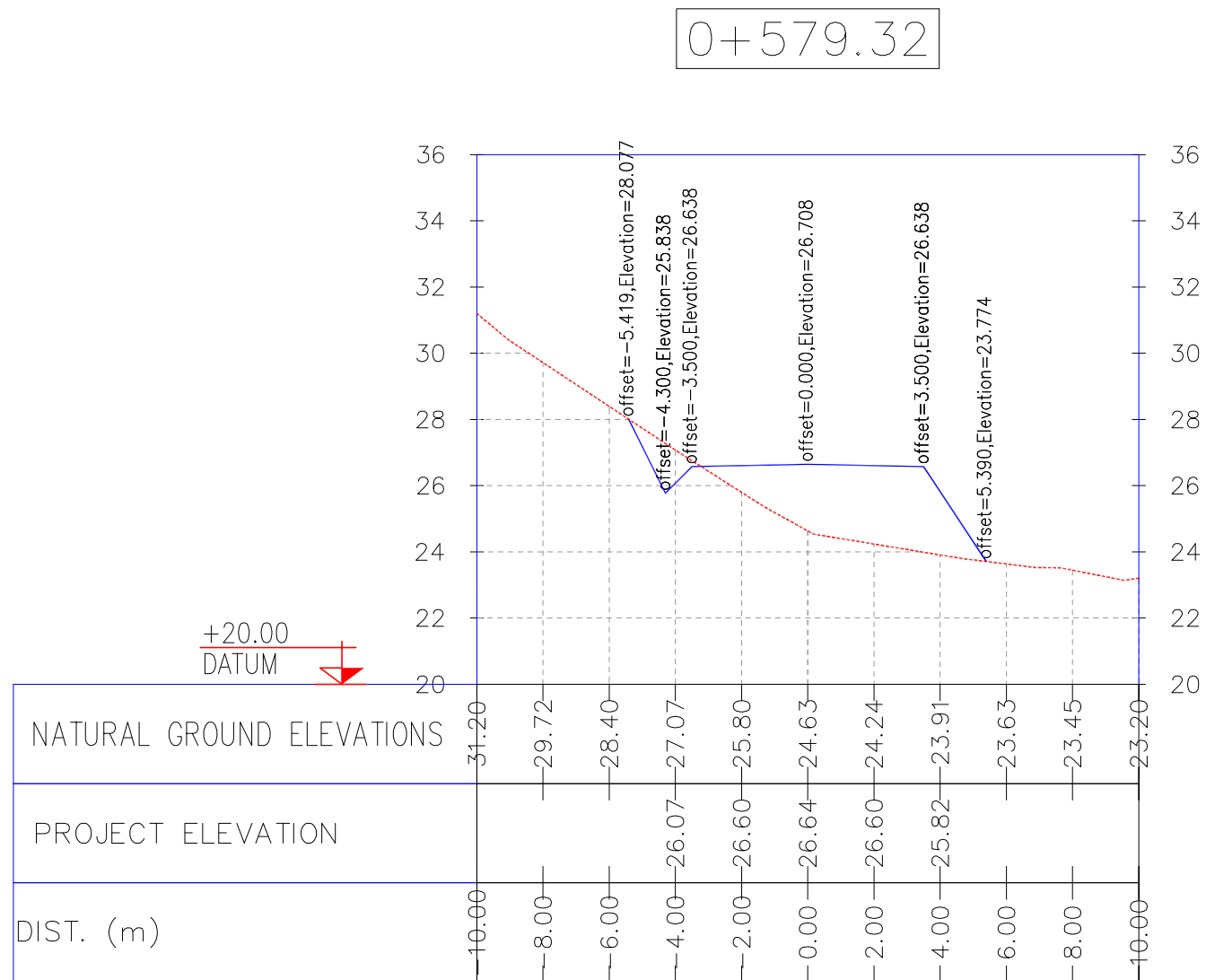
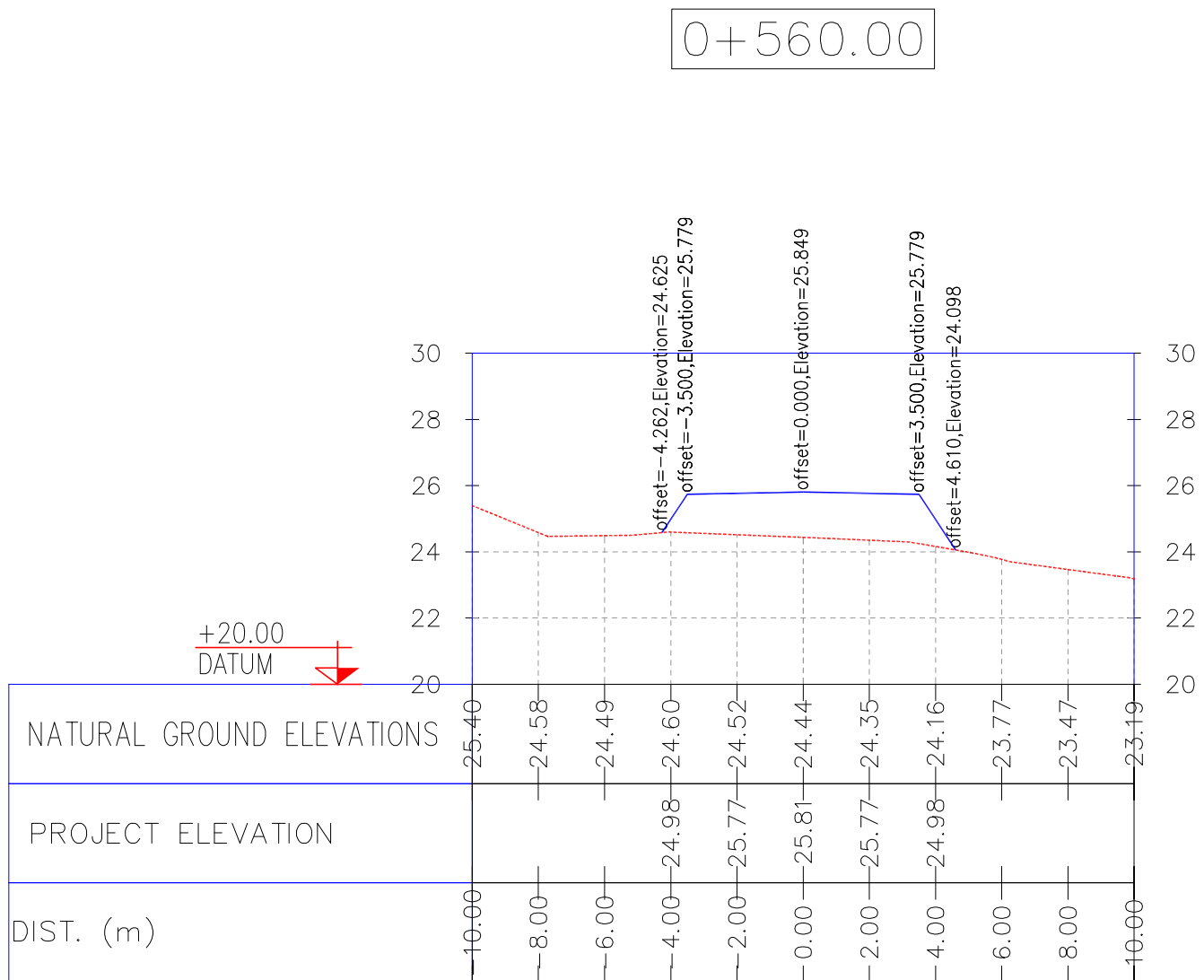
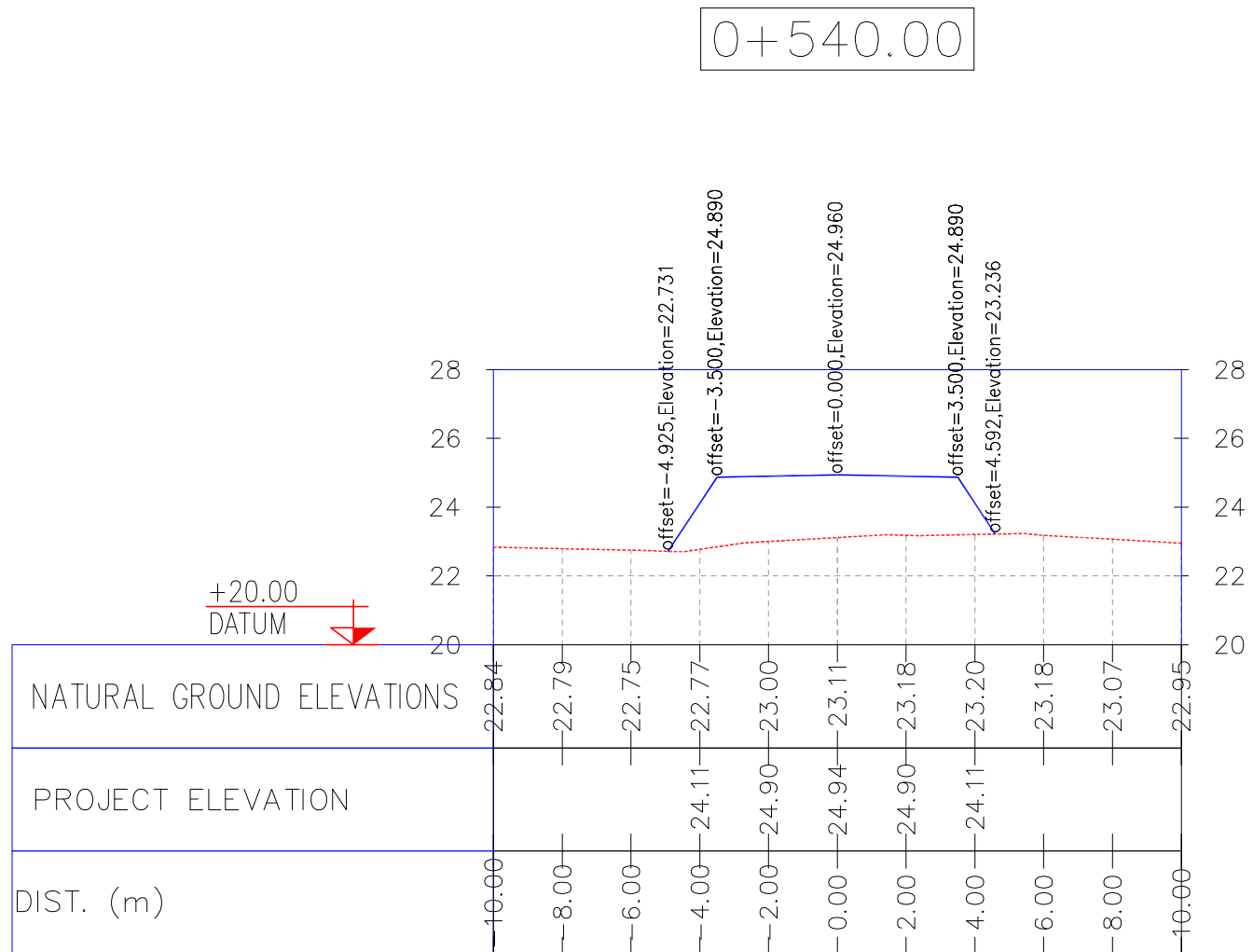
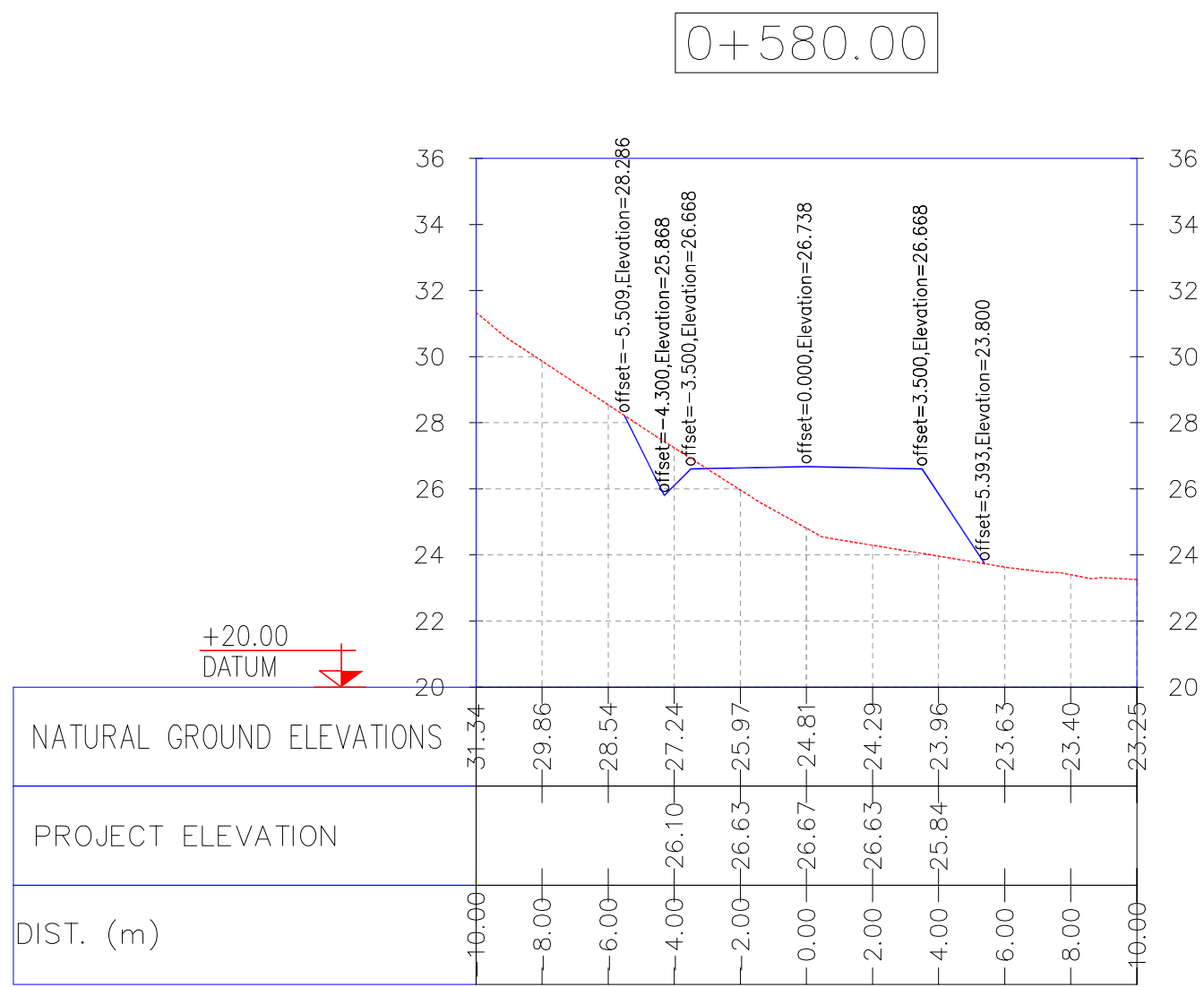
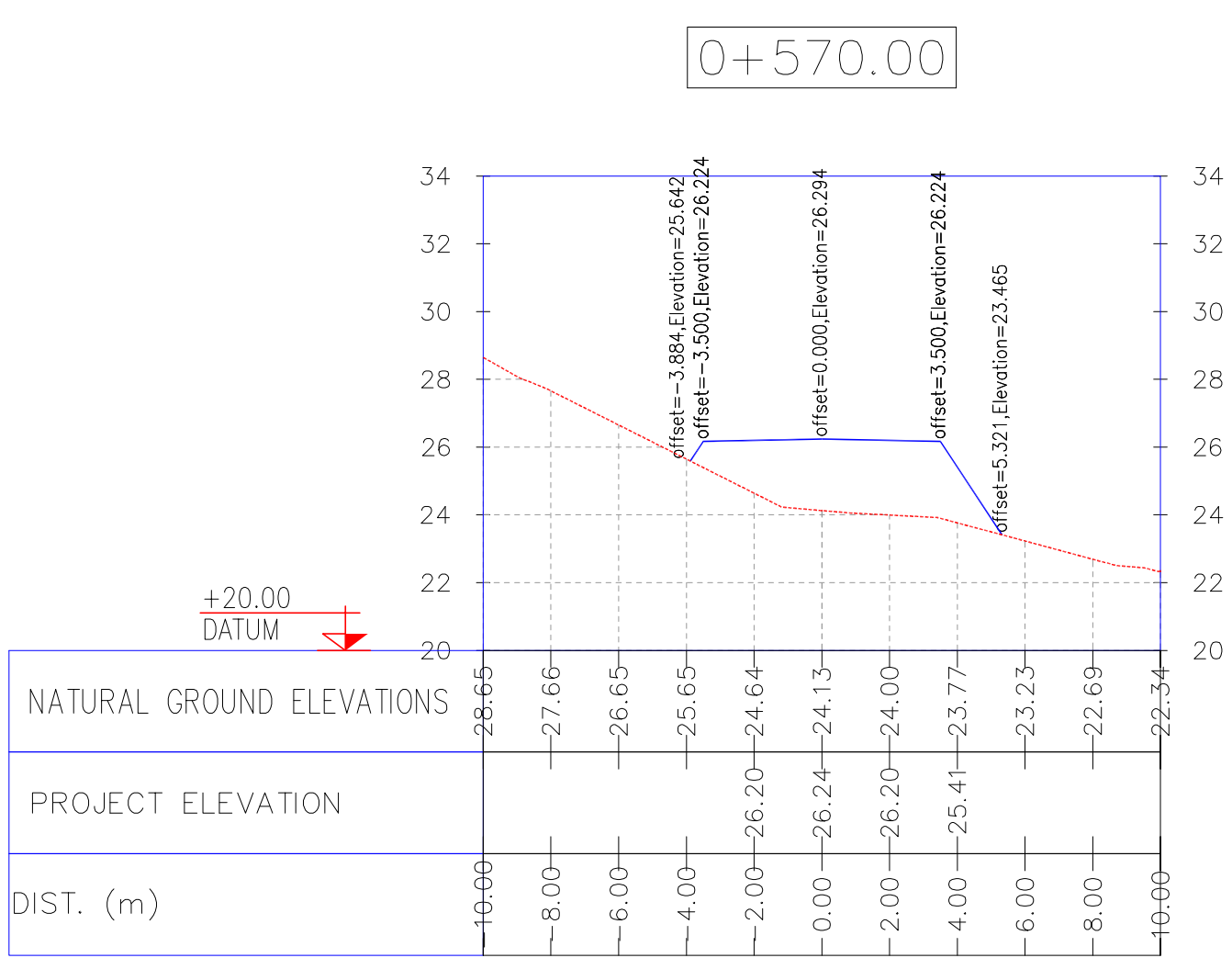
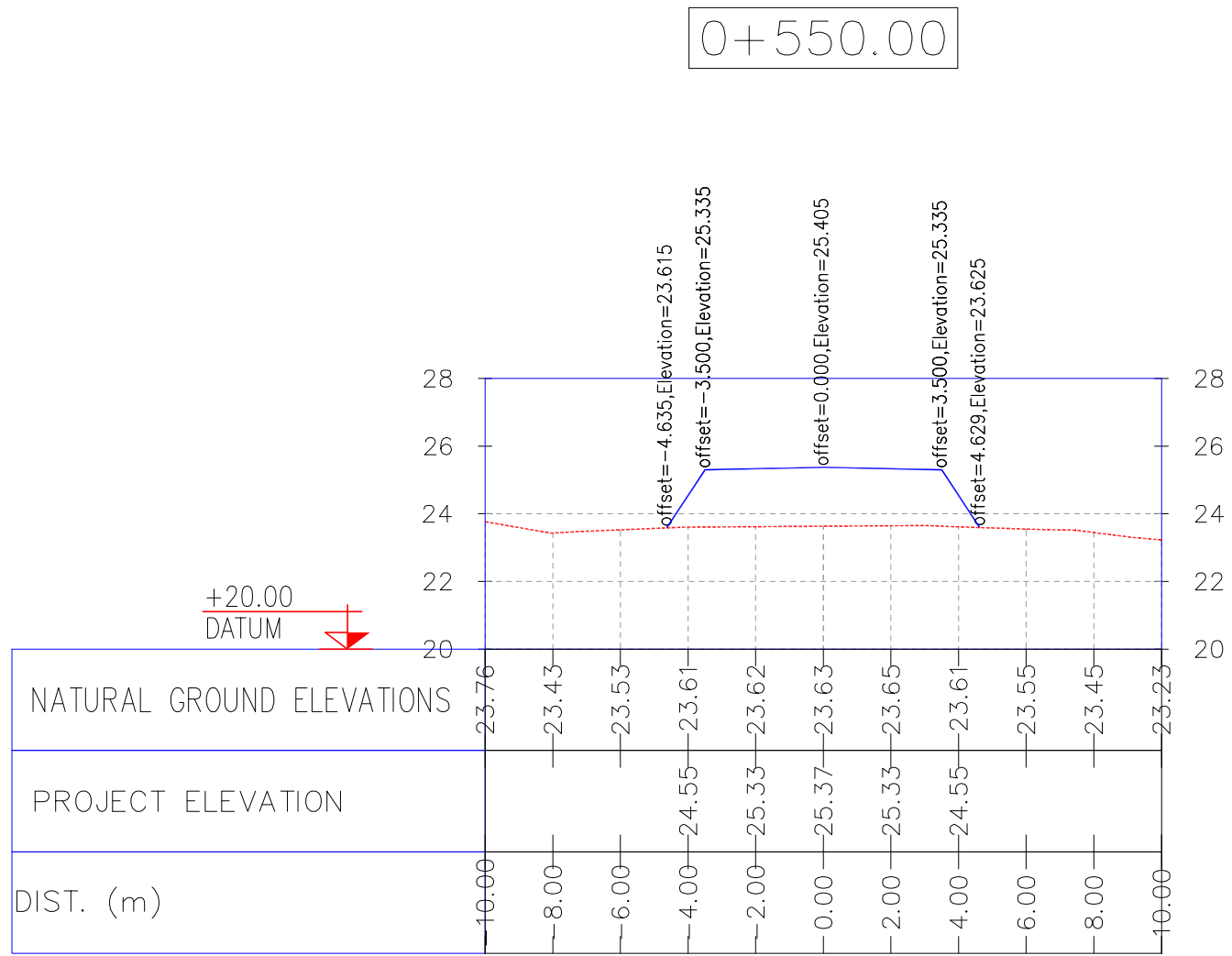
REFERENCE DRAWING	DRG. No.
General Civil Layout -W028	BK-W028-PEDCO-110-CV-PY-0001
Rough Grading Plans -W028	BK-W028-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

KEY PLAN

D07	OCT.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IPC	R. BERLOUEI	M.FAKHARIAN	SH.GHALKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES					
PROJECT NO.:			971020		
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):		
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY		
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S ACCESS ROAD TRANSVERSAL SECTIONS KM 490-530M					
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W028-PEDCO-110-CV-PY-0002		32 of 42	D07

***	*****	** **	***.***	** **	***.***
REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV.	APPR.
اصل و کليه 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 W02B 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
063-073-9184	F	4	S	707548	32 D07



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: MSL

LEGEND

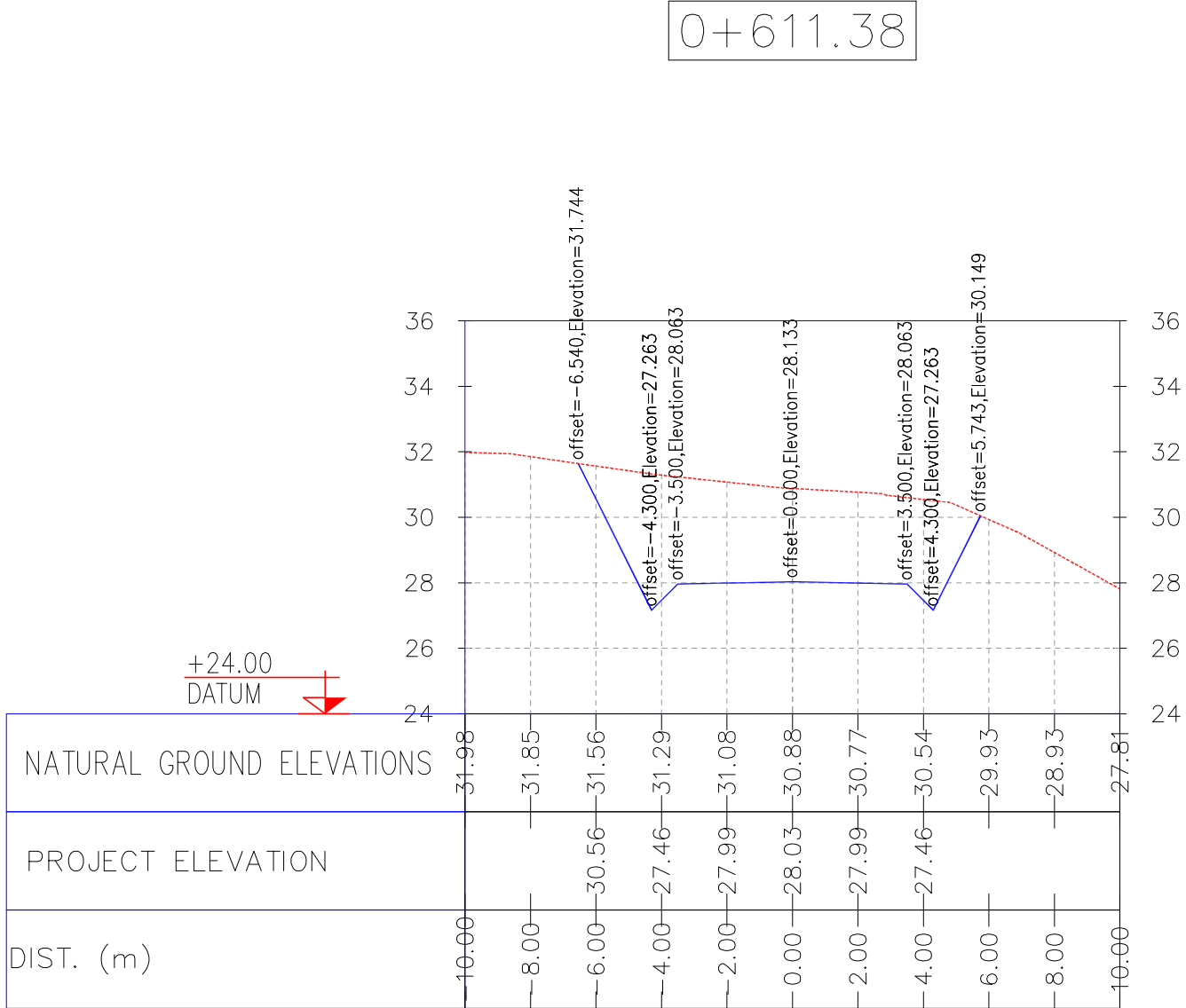
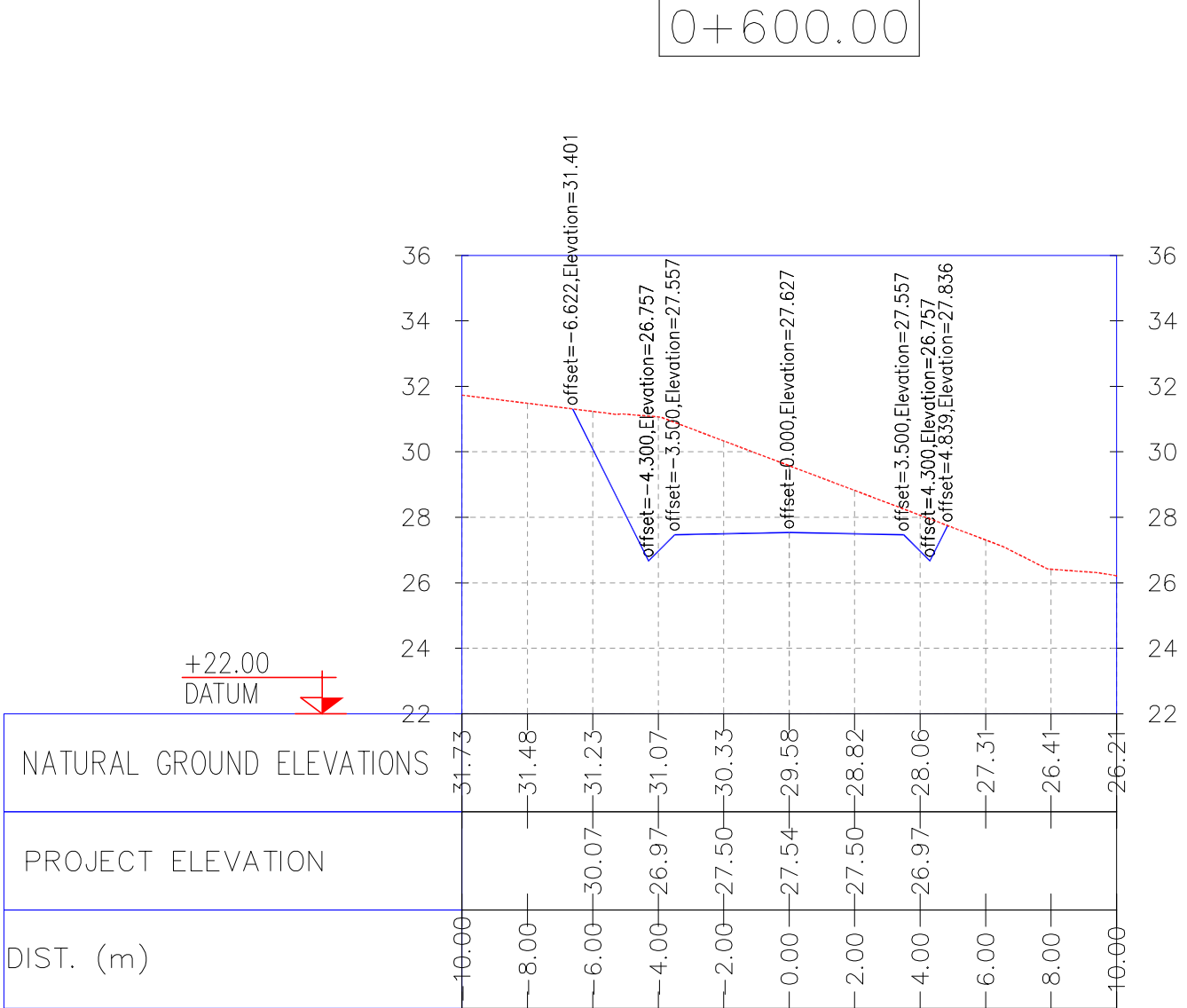
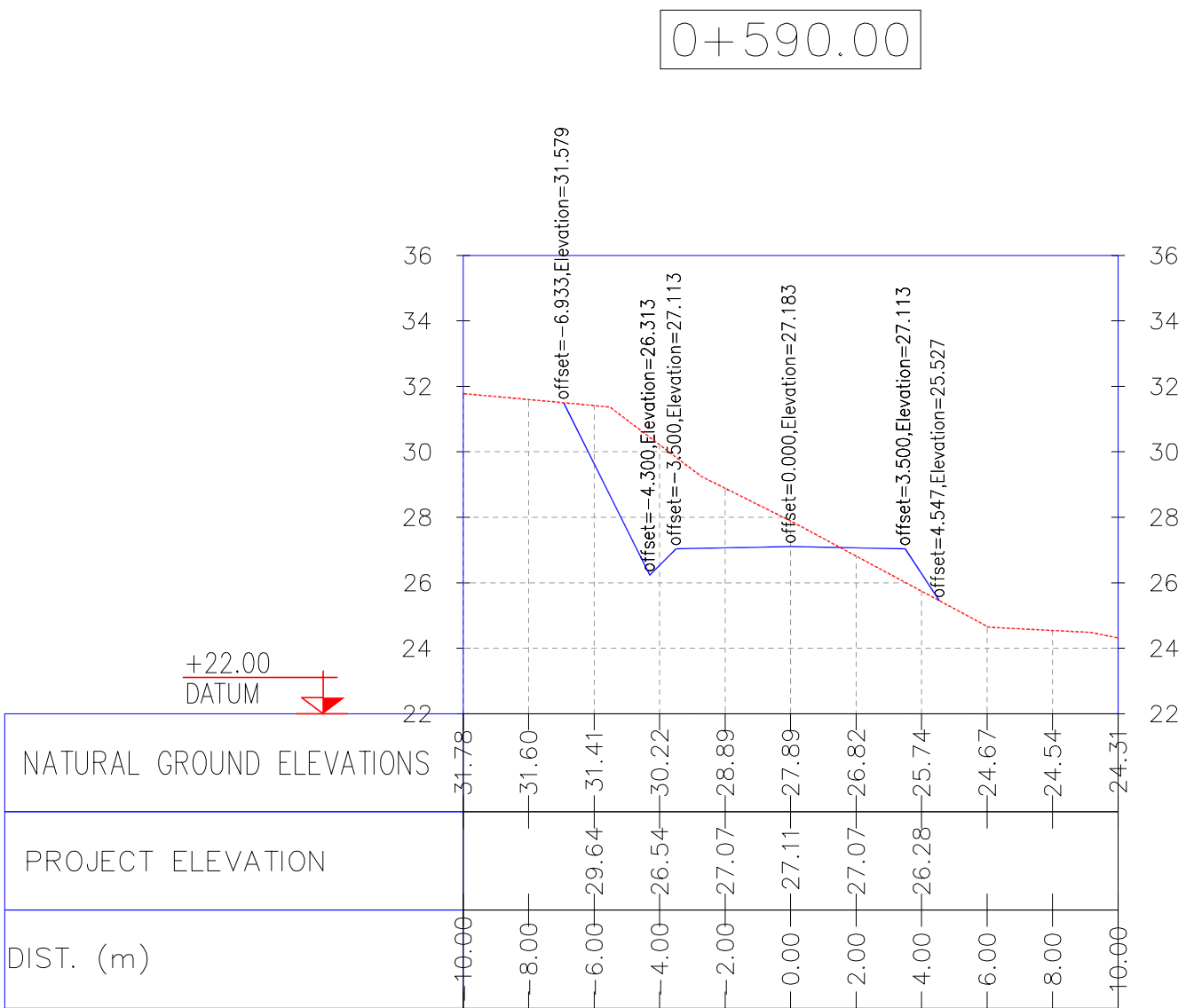
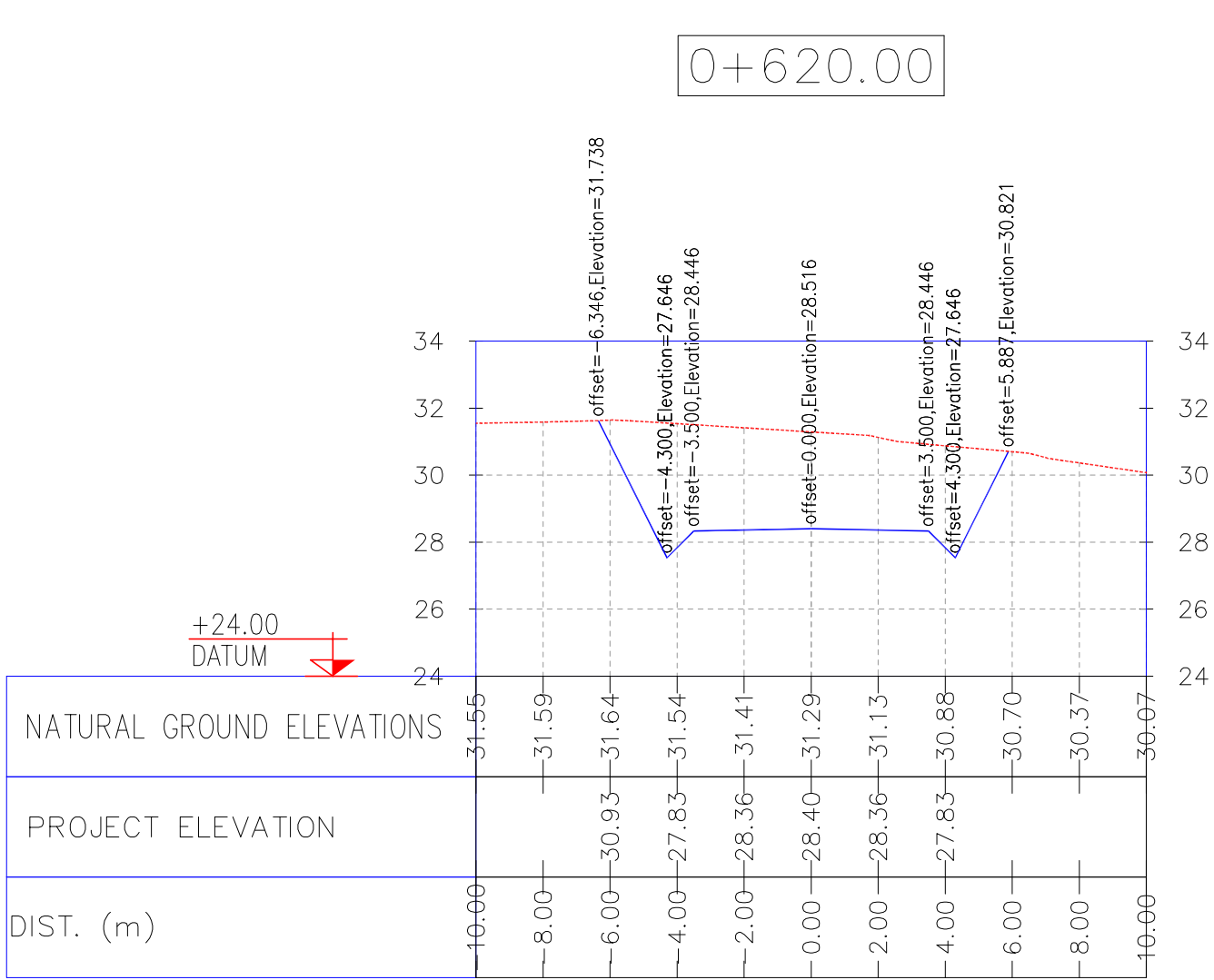
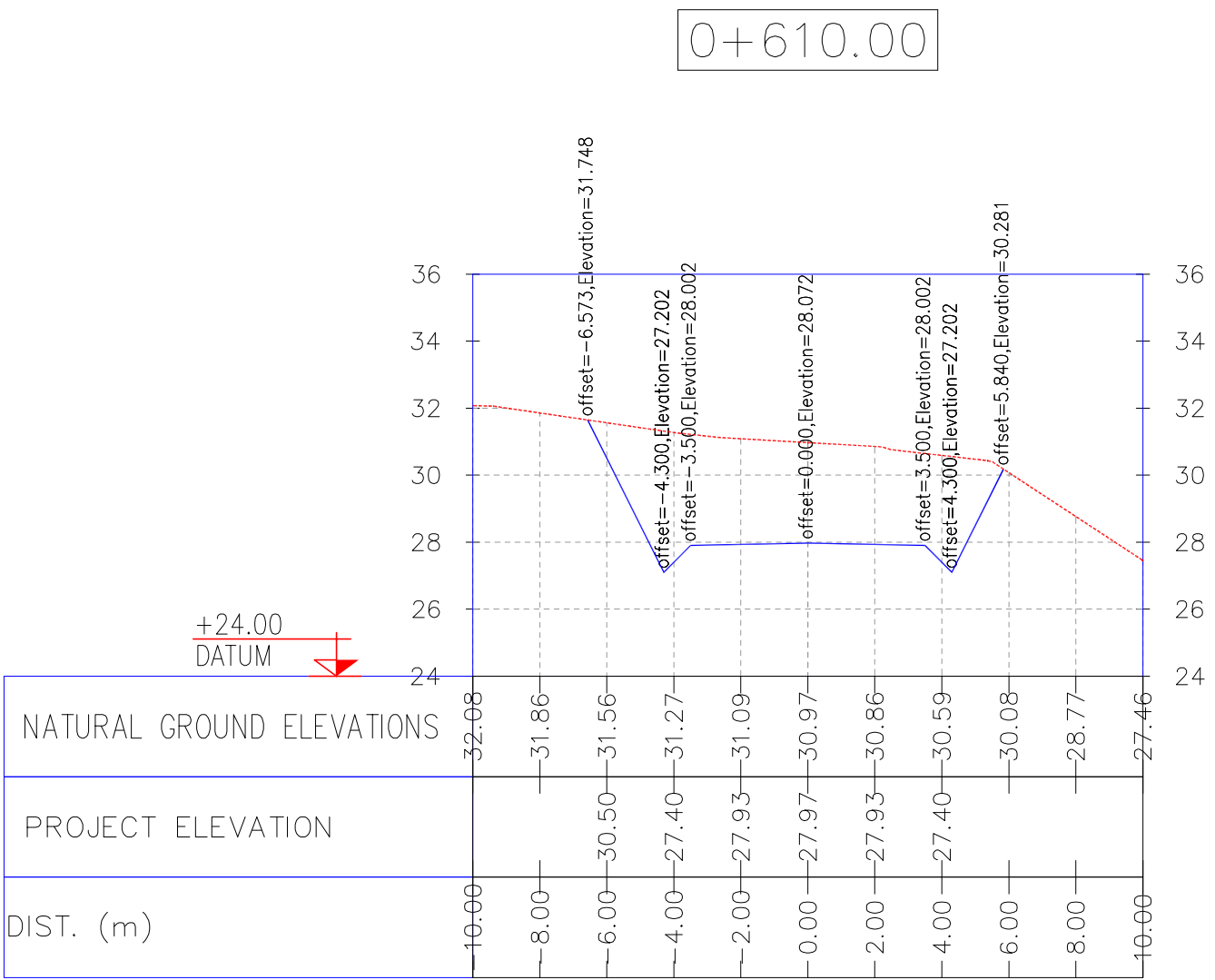
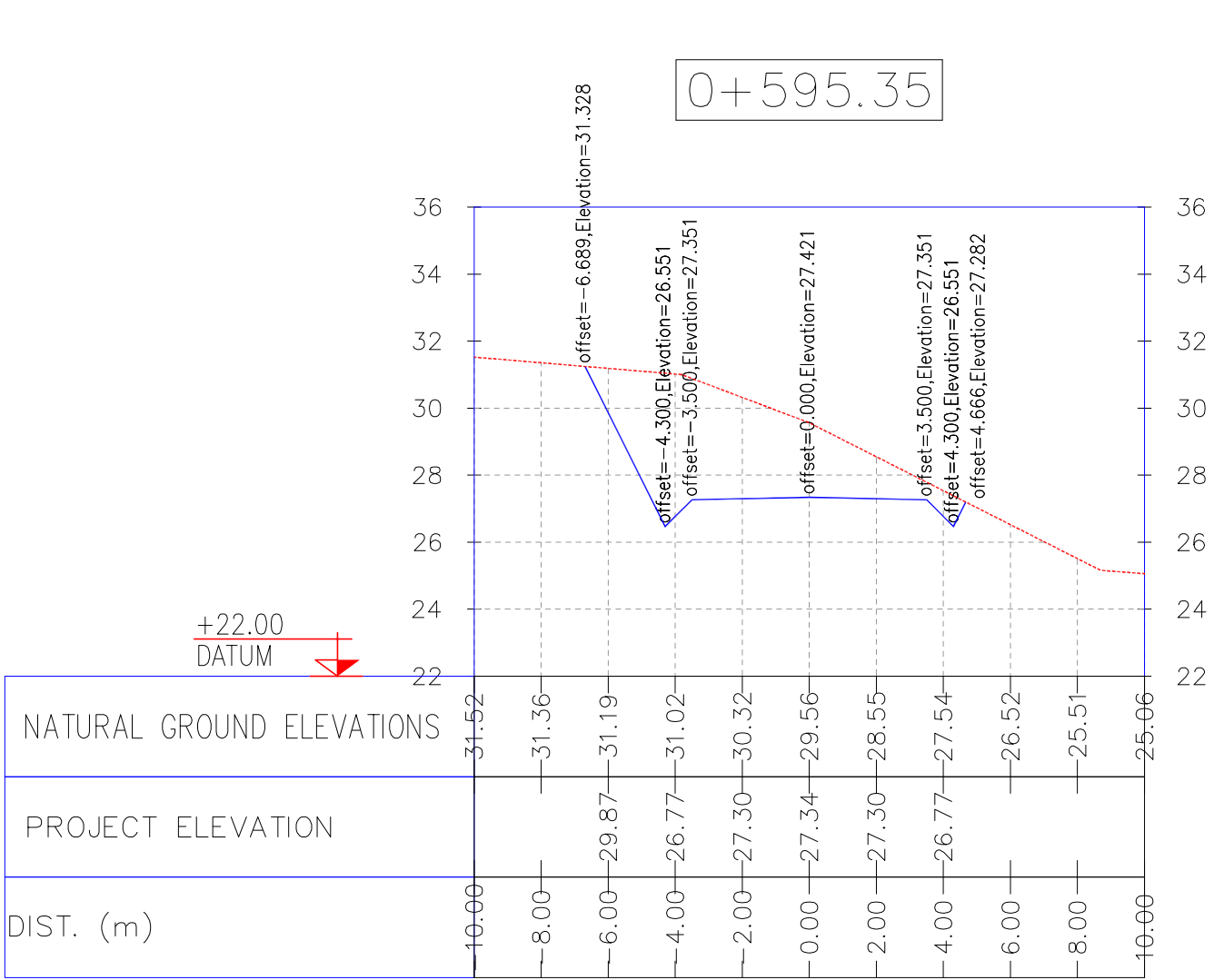
REFERENCE DRAWING	DRG. No.
General Civil Layout -W028	BK-W028-PEDCO-110-CV-PY-0001
Rough Grading Plans -W028	BK-W028-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

KEY PLAN

D07	OCT.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**
D05	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IPC	R. BERLOUEI	M.FAKHARIAN	SH.GHALKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME:		BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES			
PROJECT NO.:		971020			
EPC CONTRACTOR:		EPD/EPC CONTRACTOR(GC):		 PETROIRAN DEVELOPMENT COMPANY	
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES					
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S ACCESS ROAD TRANSVERSAL SECTIONS KM 550~580M					
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W028-PEDCO-110-CV-PY-0002		33 of 42	D07

***	*****	***	*****	***	*****
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 W028 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	707548	33
					D07



NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.

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

3-GEOETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEOETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL

LEGEND

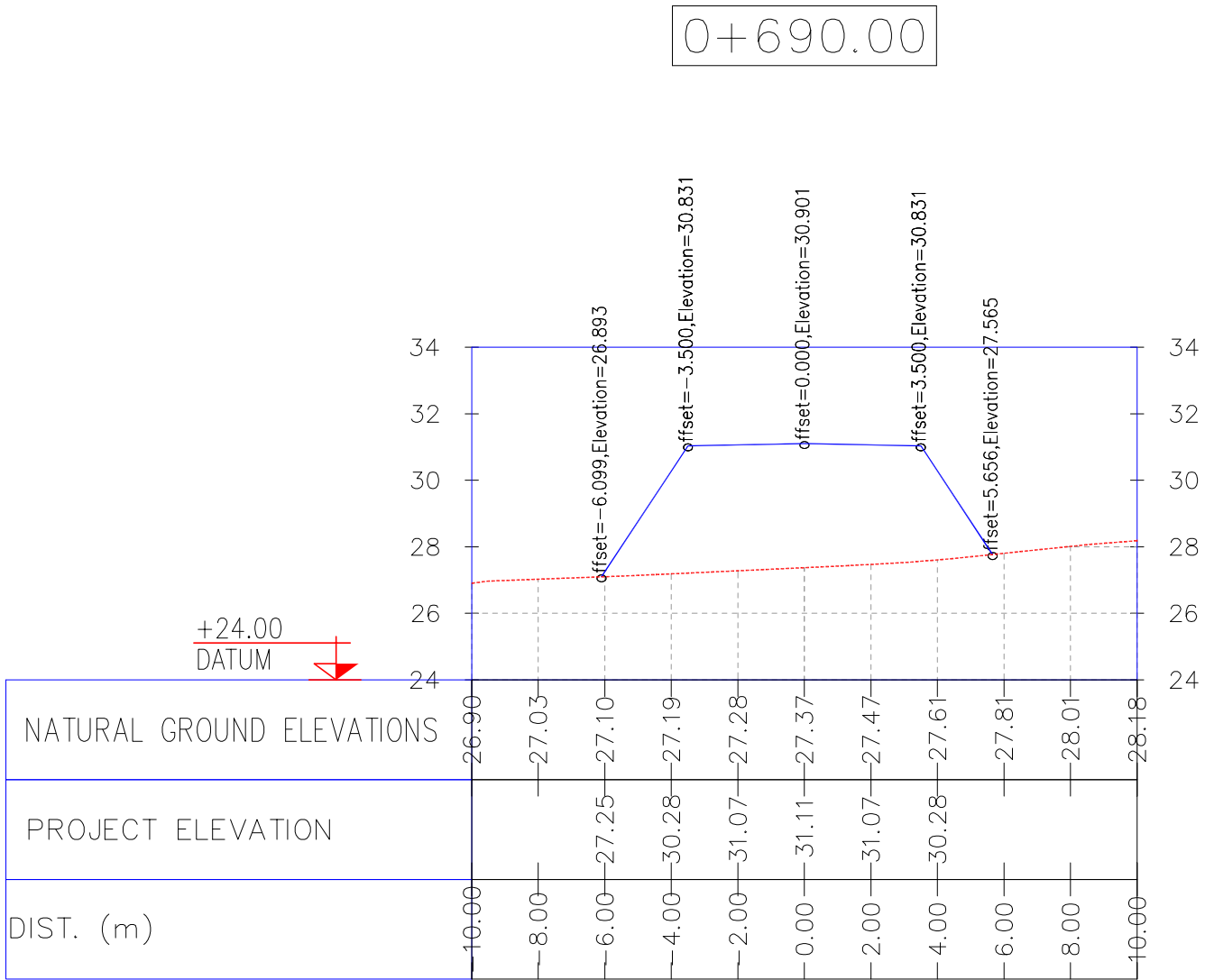
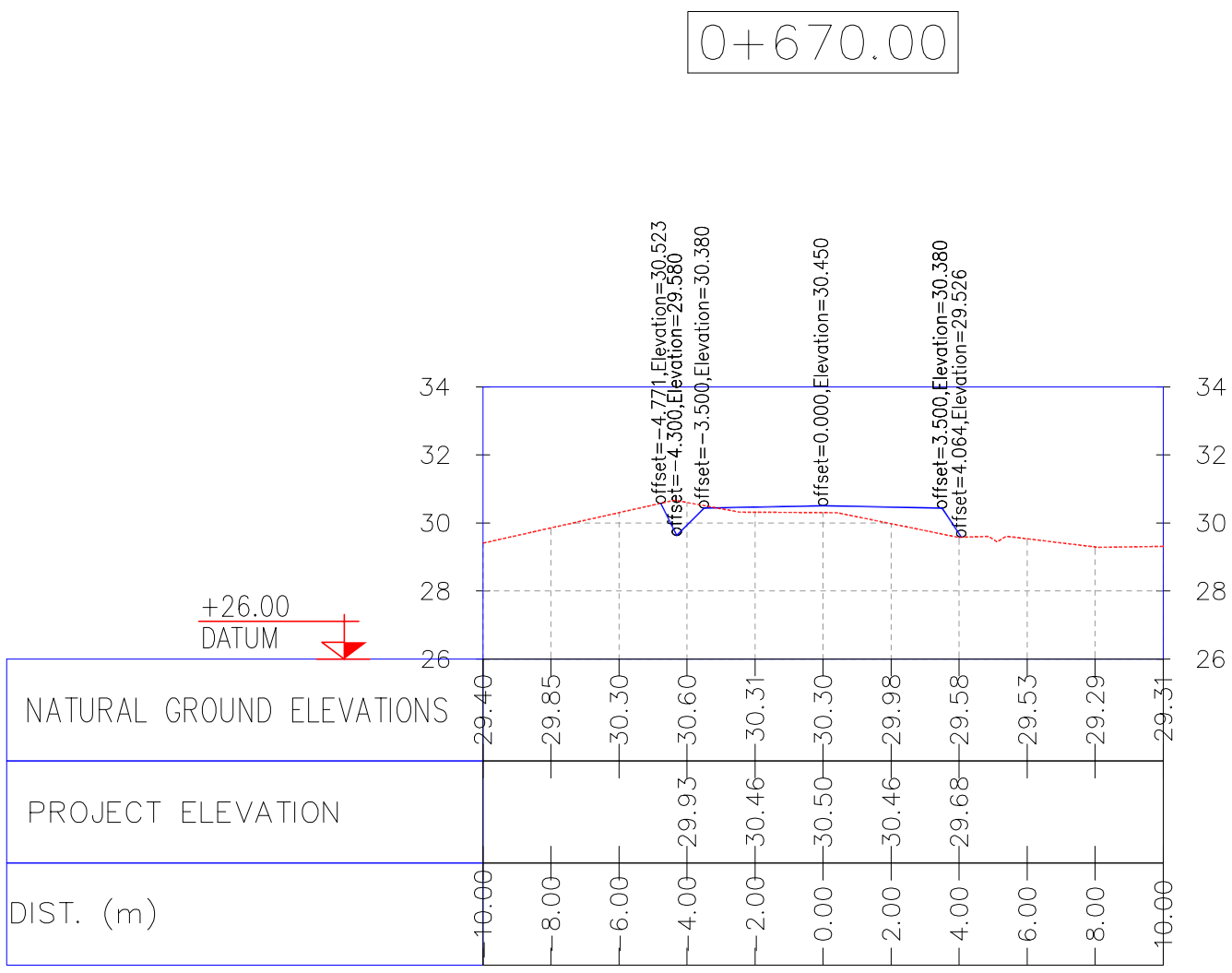
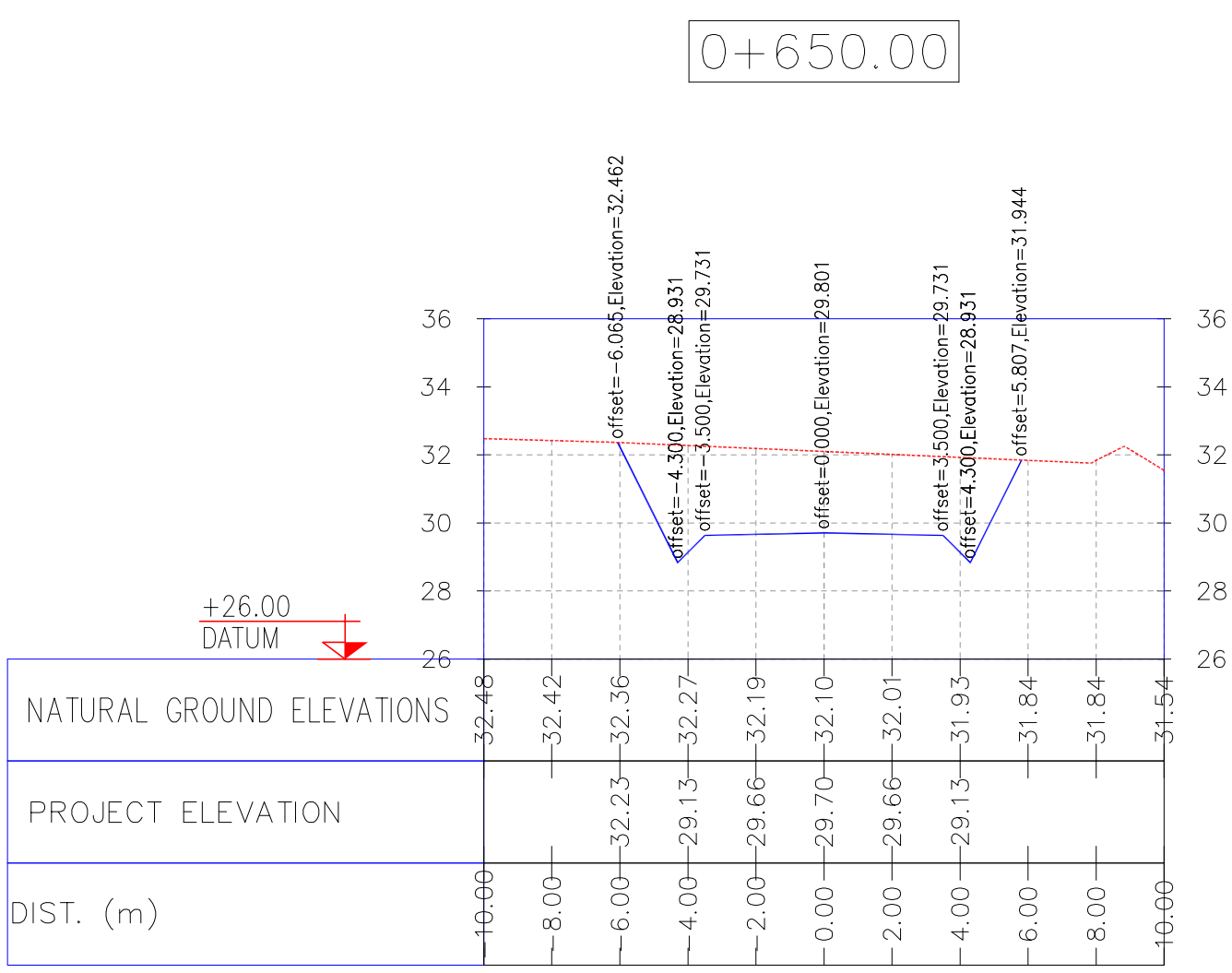
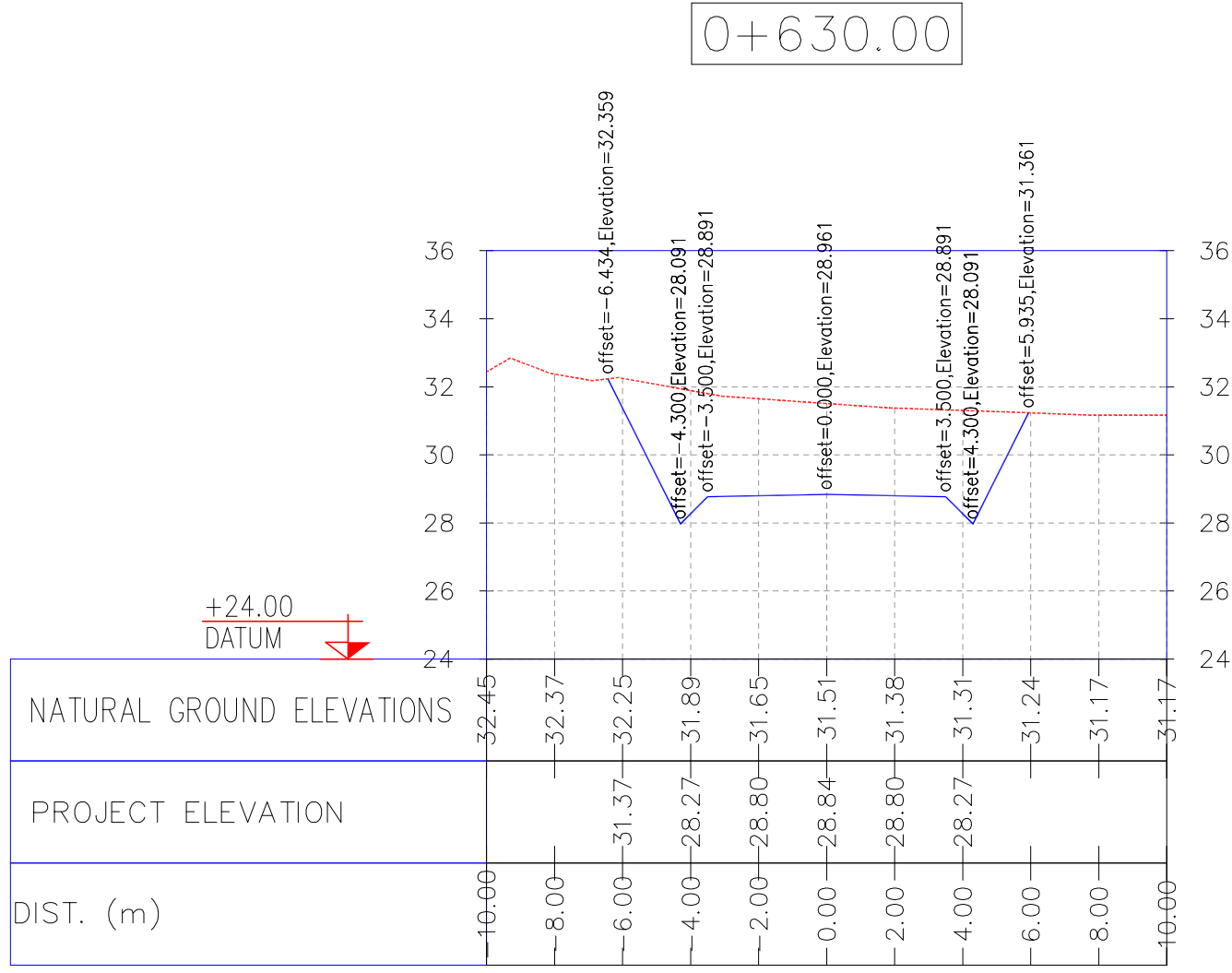
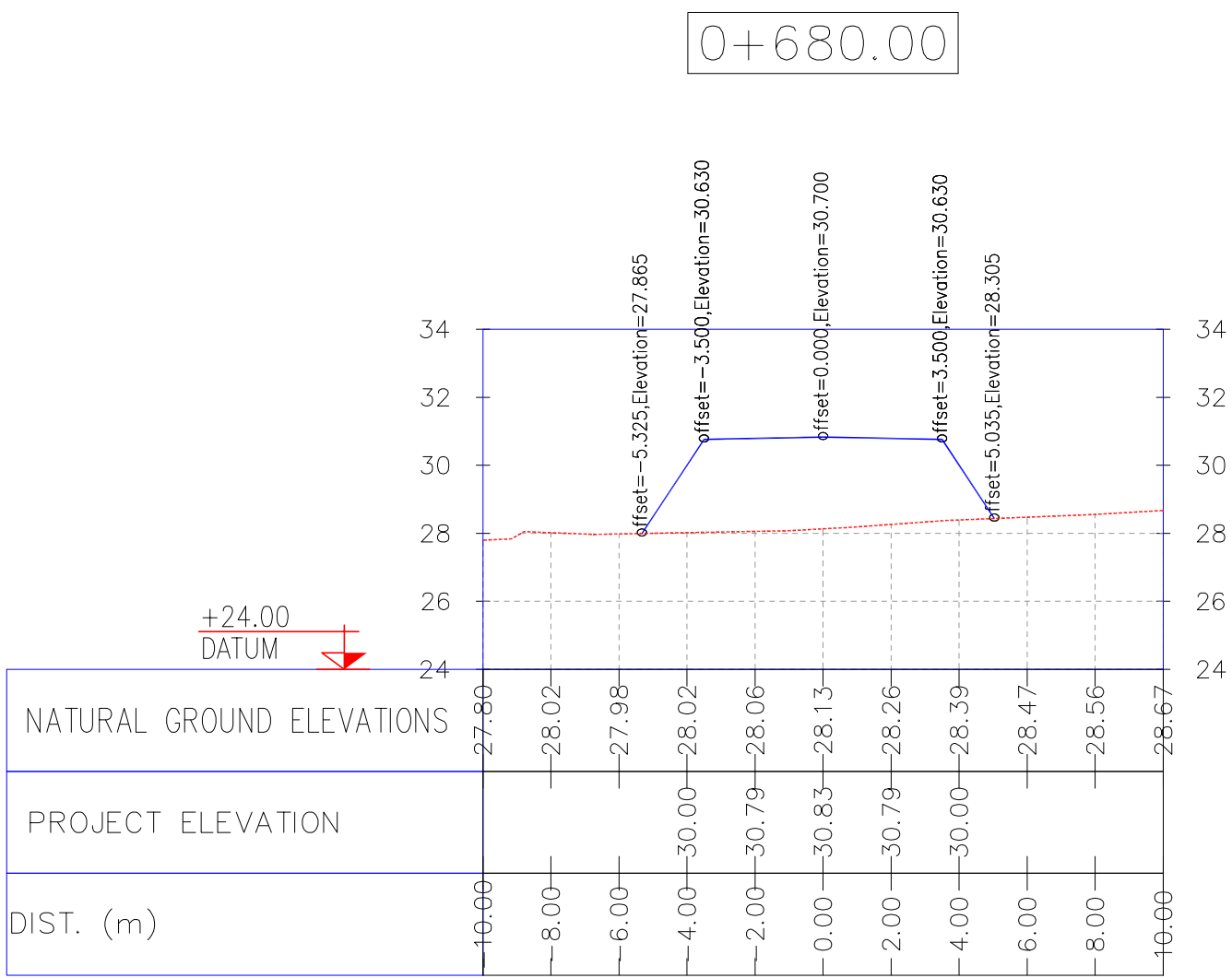
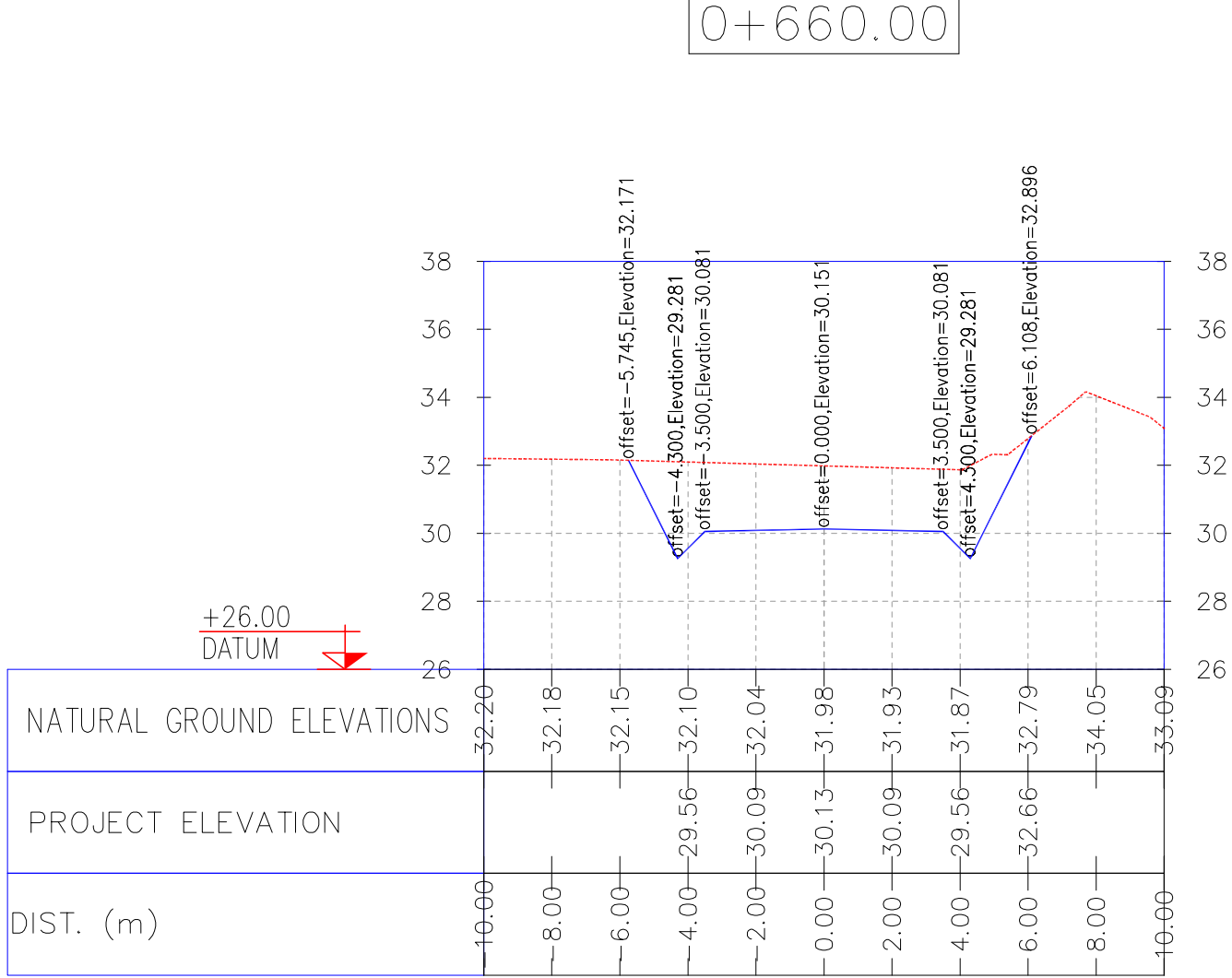
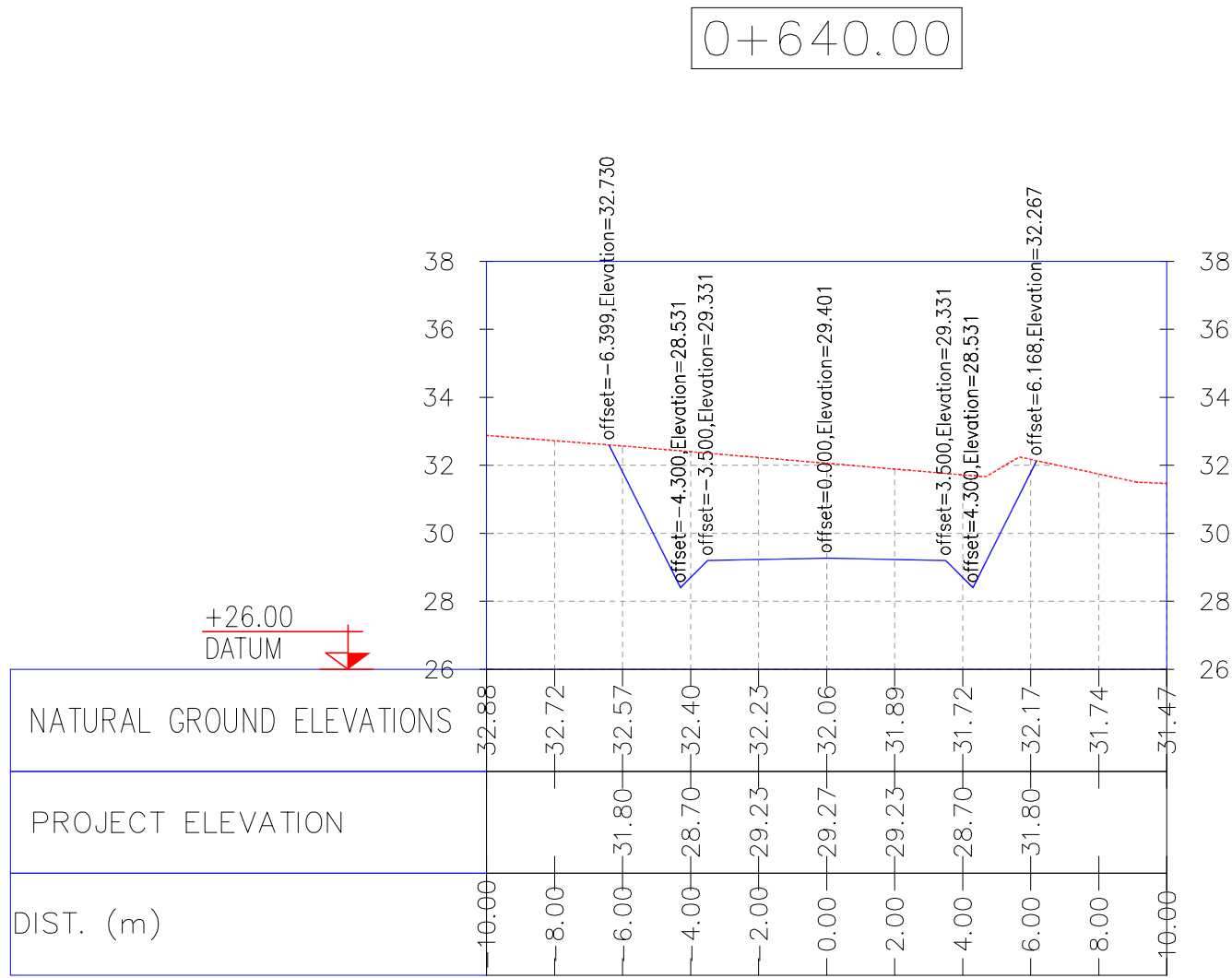
REFERENCE DRAWING	DRG. No.
General Civil Layout -W028	BK-W028-PEDCO-110-CV-PY-0001
Rough Grading Plans -W028	BK-W028-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

KEY PLAN

D07	OCT.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IPC	R. BERLOUEI	M.FAKHARIAN	SH.GHALKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES					
PROJECT NO.:		971020			
EPC CONTRACTOR:		EPD/EPC CONTRACTOR(GC):			
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES		 PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S ACCESS ROAD TRANSVERSAL SECTIONS KM 595.35~620M					
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W028-PEDCO-110-CV-PY-0002		34 of 42	D07

REV.	DESCRIPTION	BY	DATE	BY	DATE
***	*****	***	*****	***	*****
اسم و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب می باشد.		THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS			
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.	
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED					
APPROVED FOR CONSTRUCTION	BY:	DATE:			
653-073-9184	F	4	S	707548	34
D07					



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: MSL

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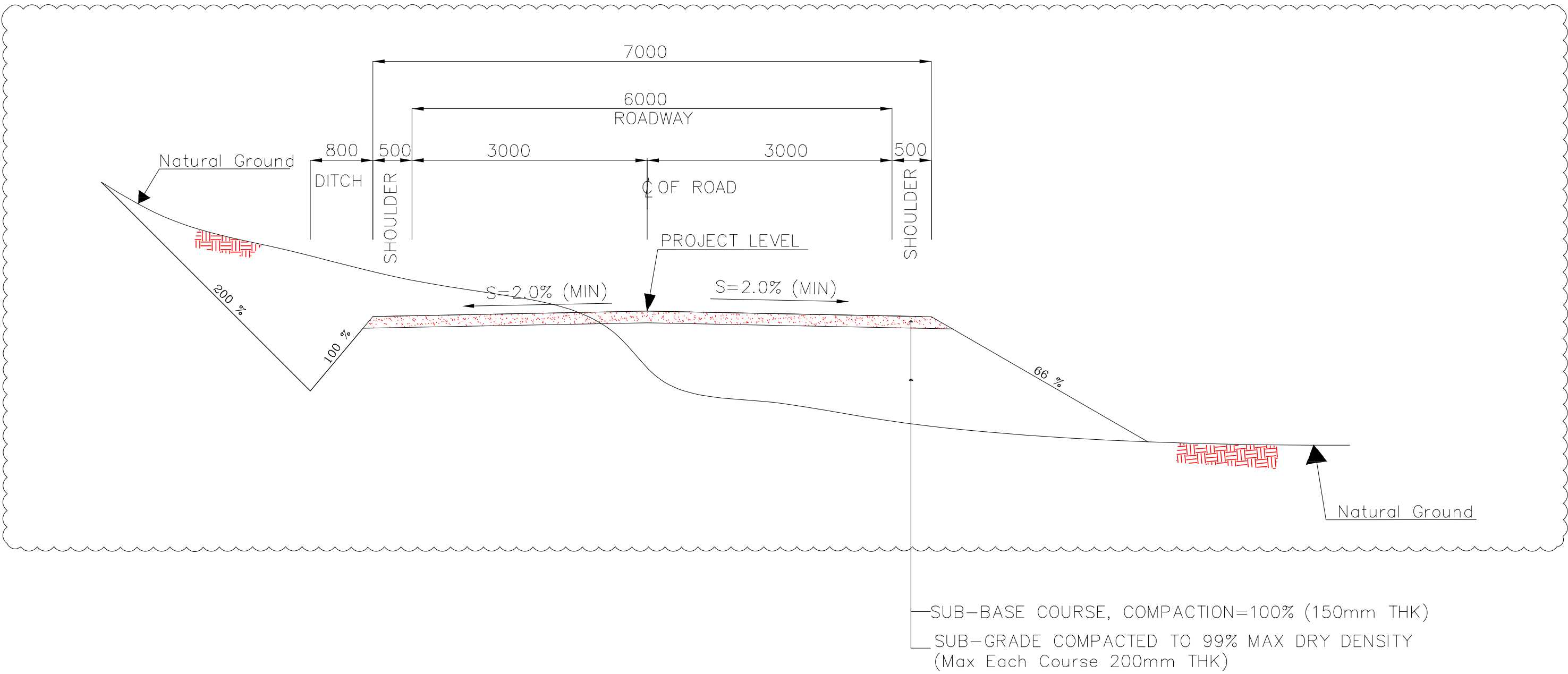
REFERENCE DRAWING	DRG. No.
General Civil Layout -W028	BK-W028-PEDCO-110-CV-PY-0001
Rough Grading Plans -W028	BK-W028-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

KEY PLAN

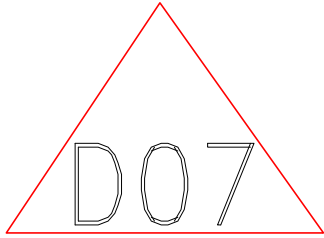
D07	OCT.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IPC	R. BERLOUEI	M.FAKHARIAN	SH.GHALKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME:		BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES			
PROJECT NO.:		971020			
EPC CONTRACTOR:		EPD/EPC CONTRACTOR(GC):			
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES		  PEDCO		 PETROIRAN DEVELOPMENT COMPANY	
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S ACCESS ROAD TRANSVERSAL SECTIONS KM 640~690M					
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W028-PEDCO-110-CV-PY-0002		35 of 42	D07

REV.	DESCRIPTION	BY	DATE	BY	DATE
***	*****	***	*****	***	*****
REV.	DESCRIPTION	CHECKED	REV.	APPR.	
	اصل و کلیه نسخ این نقشه و حق افشای 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 W028 WELLHEAD FACILITIES				
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.	
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED					
APPROVED FOR CONSTRUCTION			BY:		DATE:
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.
H=1/200 V=1/200	A1	BK-W028-PEDCO-110-CV-PY-0002	35 of 42	D07	053-073-9184



N.T.S. 1 TYPICAL CROSS SECTION (Access Road)



NOTES

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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: MSL

LEGEND

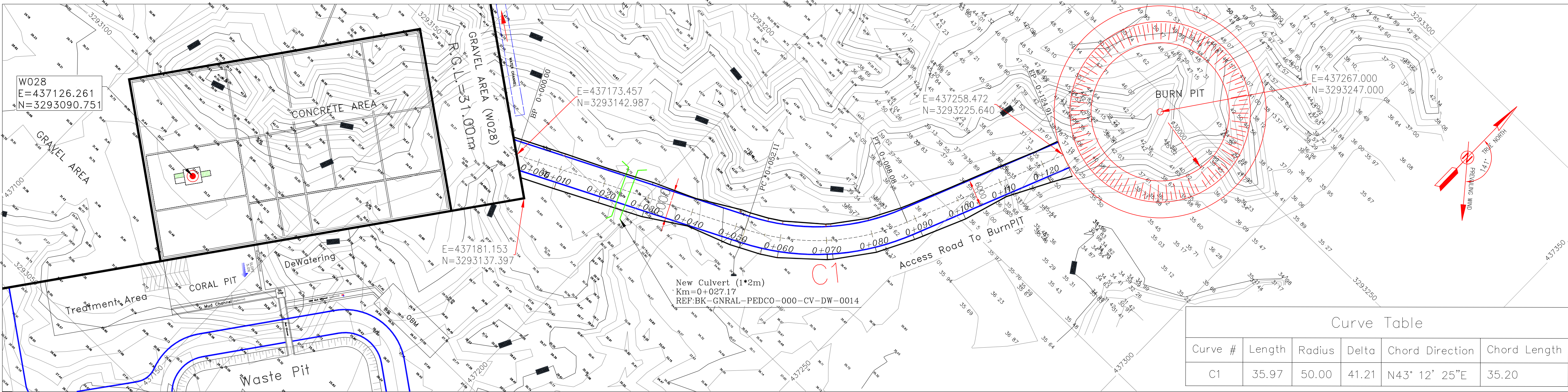
REFERENCE DRAWING	DRG. No.
General Civil Layout -W028	BK-W028-PEDCO-110-CV-PY-0001
Rough Grading Plans -W028	BK-W028-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

KEY PLAN

D07	OCT.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	** **
D05	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	** *
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	** *
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	** *
D00	OCT.2021	IPC	R. BERLOUEI	M.FAKHARIAN	SH.GHALKAR	** *
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME:		BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES			
PROJECT NO.:		971020			
EPC CONTRACTOR:		EPD/EPC CONTRACTOR(GC):			
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES		 PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S TYPICAL CUT&FILL CROSS SEC.(Well Access Road)					
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002		36 of 42	D07

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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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.
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002	36 of 42	D07	053-073-9184



- NOTES
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ELLIPSOID : WORLD GEOETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
 - 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 SOIL SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION

LEGEND

- | | | | |
|--|---------------|--|--------------|
| | WELL LOCATION | | CANAL |
| | WELL | | RIVER |
| | SITE | | WATER COURSE |
| | CAMP SITE | | CONTOURS |
| | ASPHALT ROAD | | SPOT HEIGHT |
| | GRAVEL ROAD | | BENCH MARK |
| | PROPOSED ROAD | | BRIDGE |
| | DAYLIGHT | | CULVERT |

Curve Table

Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C1	35.97	50.00	41.21	N43° 12' 25"E	35.20

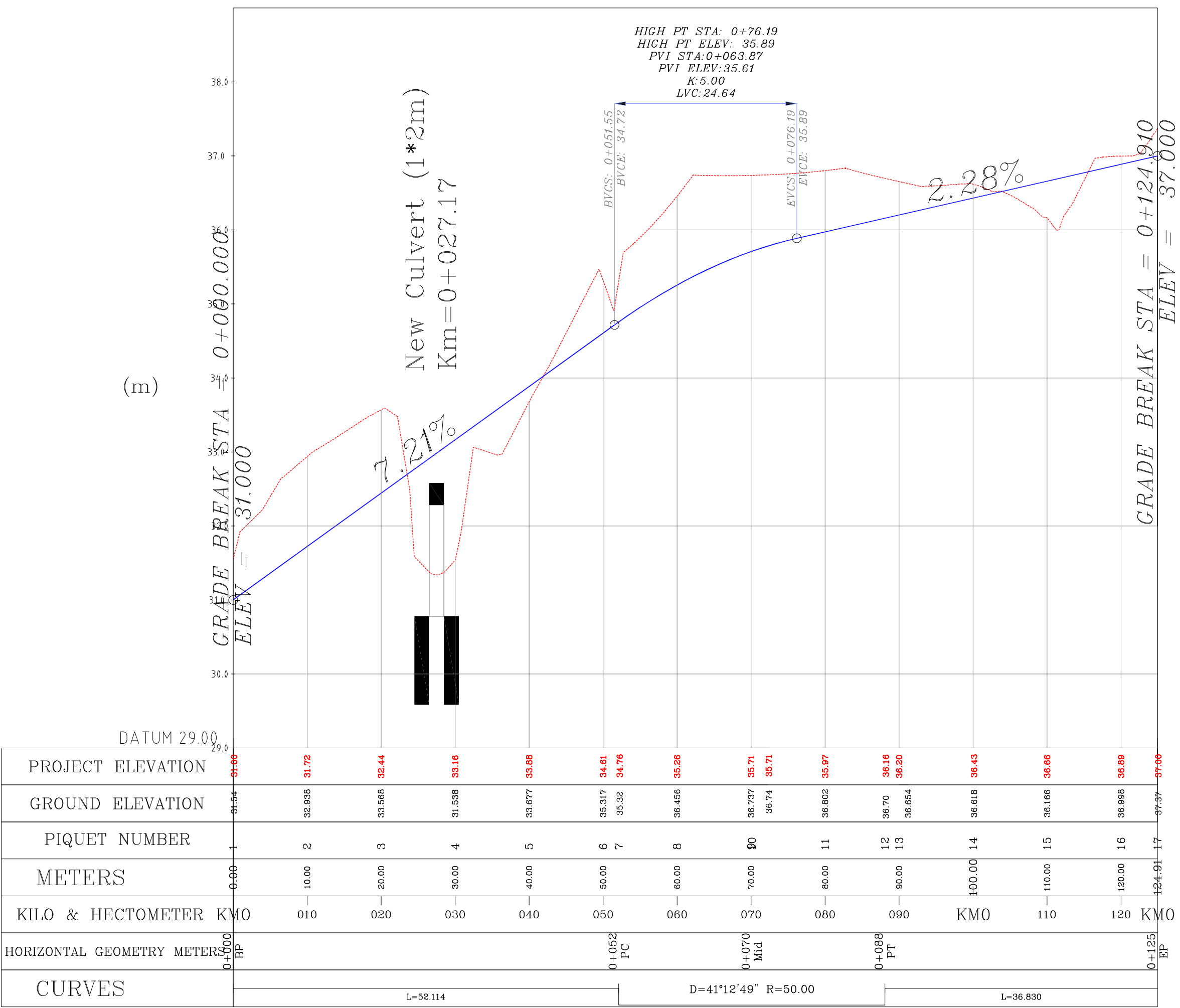
BURN PIT ROAD PLAN

H: 1/500
V: 1/50

Coordinate List

Station	Northing	Easting
0+000.00	3293142.99	437173.46
0+010.00	3293147.40	437182.43
0+020.00	3293151.81	437191.40
0+030.00	3293156.23	437200.38
0+040.00	3293160.64	437209.35
0+050.00	3293165.05	437218.32
0+060.00	3293170.01	437227.00
0+070.00	3293176.55	437234.54
0+080.00	3293184.46	437240.63
0+090.00	3293193.41	437245.06
0+100.00	3293202.64	437248.90
0+110.00	3293211.87	437252.74
0+120.00	3293221.11	437256.58
0+124.91	3293225.64	437258.47

(m)



PROJECT ELEVATION	35.00	35.12	35.44	35.16	35.08	34.61	34.76	35.26	35.71	35.71	35.82	35.86	36.06	36.06	36.06
GROUND ELEVATION	32.898	33.596	33.596	33.677	35.317	35.32	36.456	36.737	36.74	36.802	36.70	36.654	36.618	36.618	36.618
PIQUET NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
METERS	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	110.00	120.00	130.00	140.00
KILO & HECTOMETER KMO	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40
HORIZONTAL GEOMETRY METERS	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	110.00	120.00	130.00	140.00
CURVES	L=52.114 D=41°12'49" R=50.00 L=36.830														

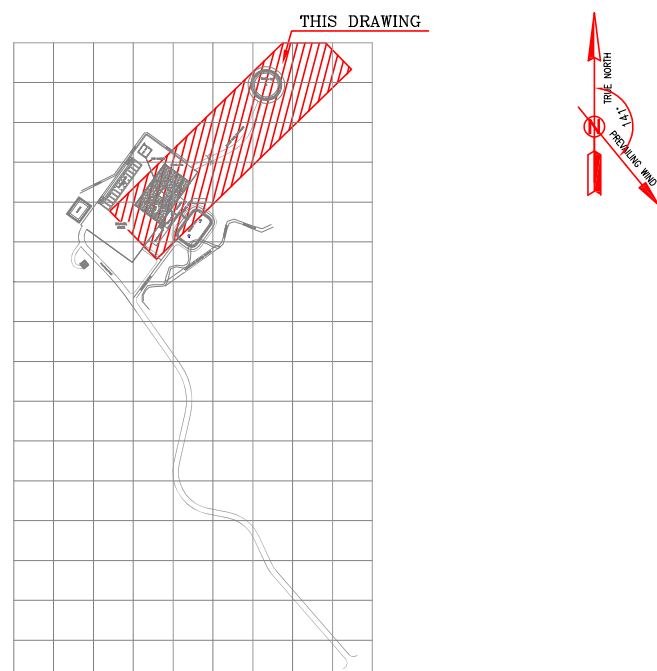
BURN PIT ROAD PROFILE

H: 1/500
V: 1/50

BENCH MARK LIST

NAME	Easting(m)	Northing(m)	Elevation(m)
BM12	437294.141	3292567.901	35.395
BM14	437204.521	3292998.852	38.676
BM16	436964.749	3293160.118	37.566

KEY PLAN



D07	OCT.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IPC	R. BERLOUEI	M.FAKHARIAN	SH.GHALKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES

PROJECT NO.: 971020

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

DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S
BURN PIT ROAD PLAN AND PROFILE SECTION

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002	37 of 42	D07

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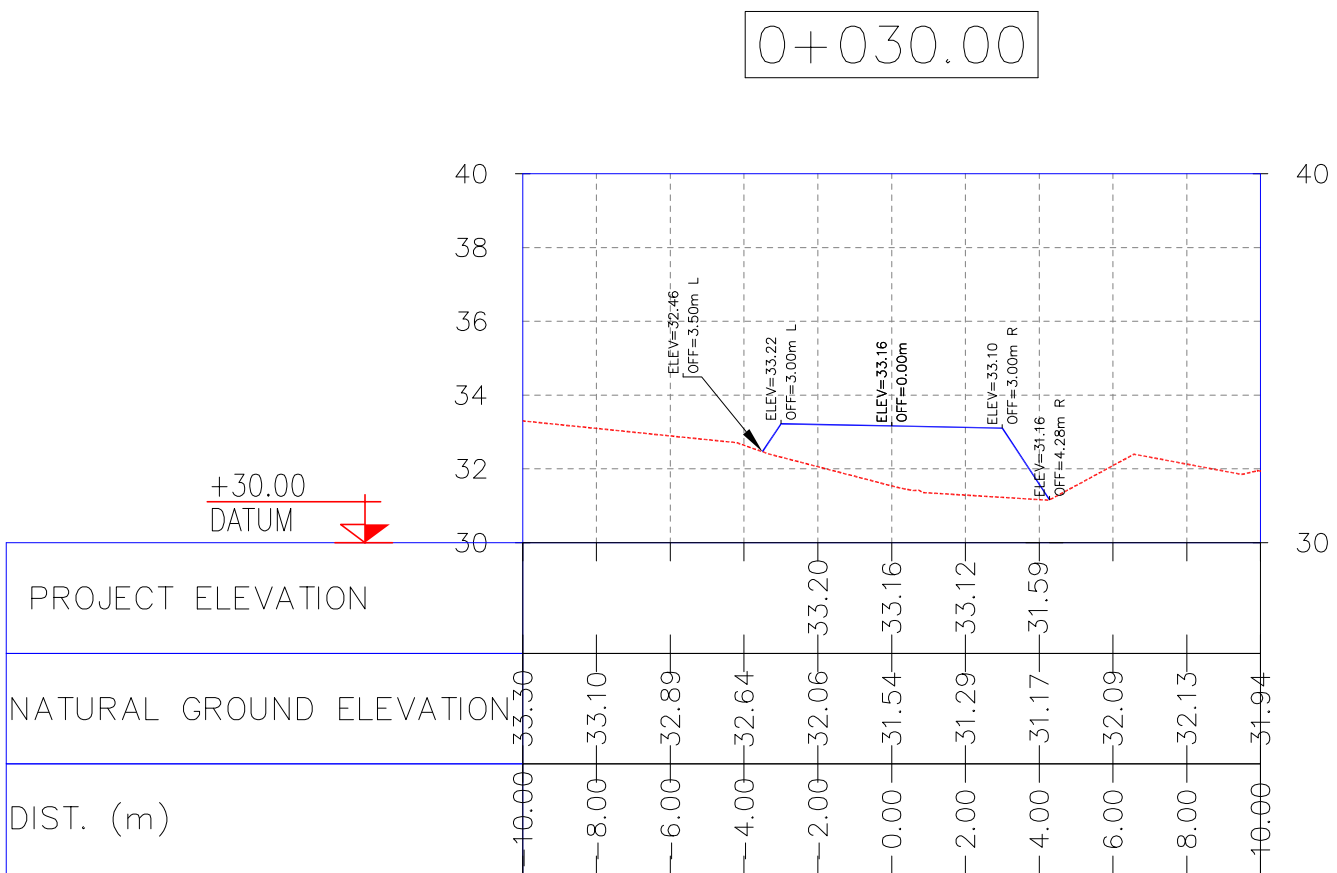
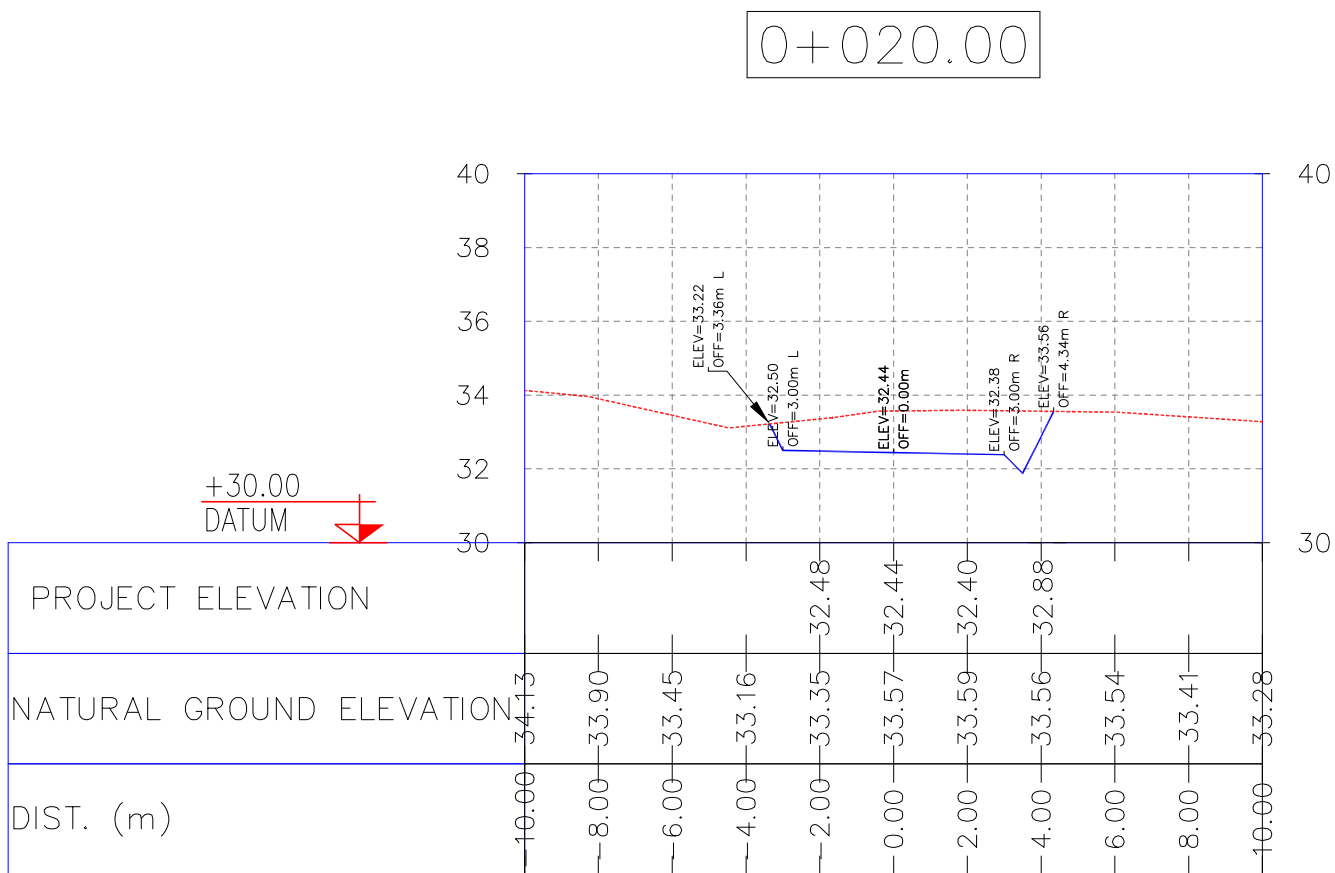
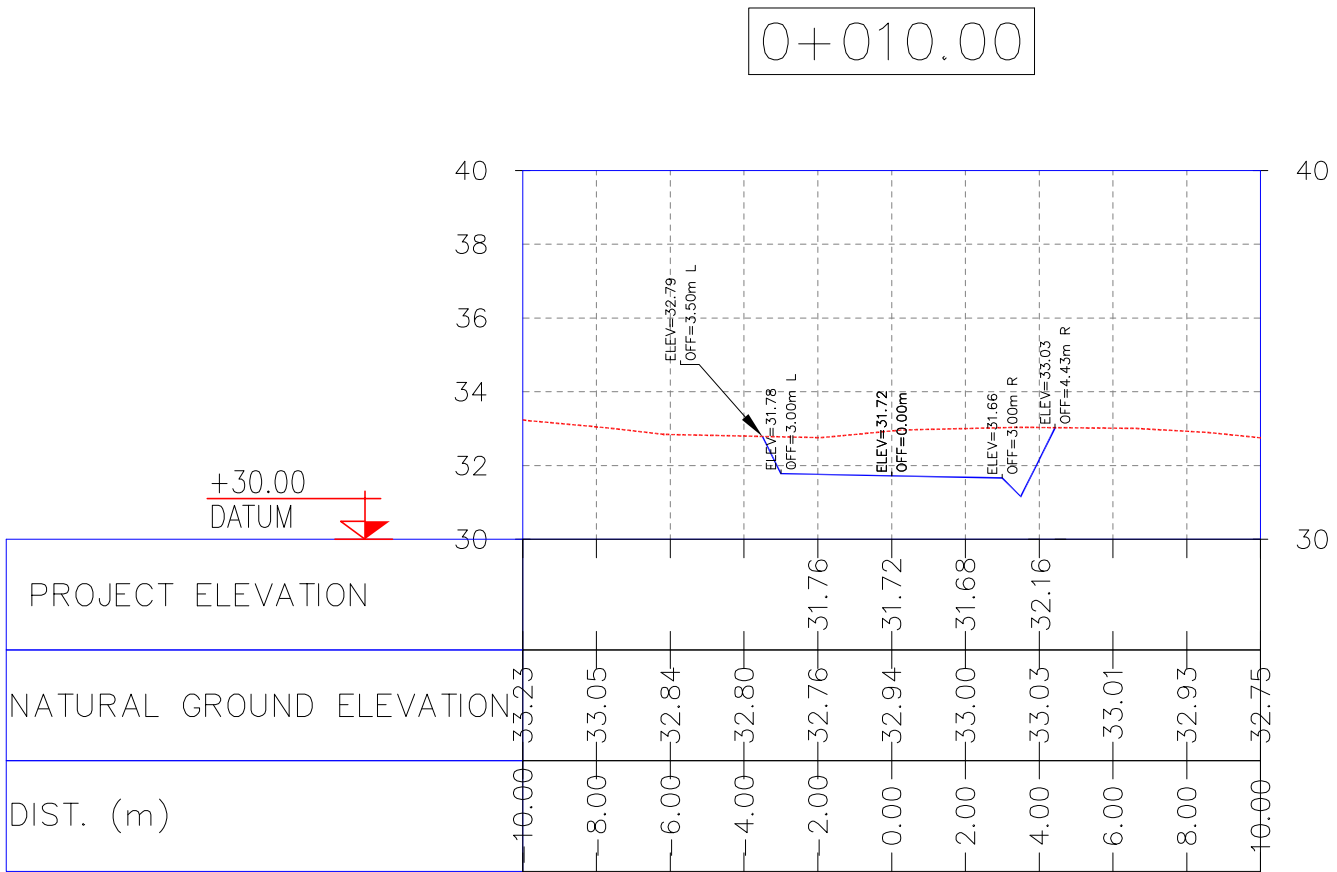
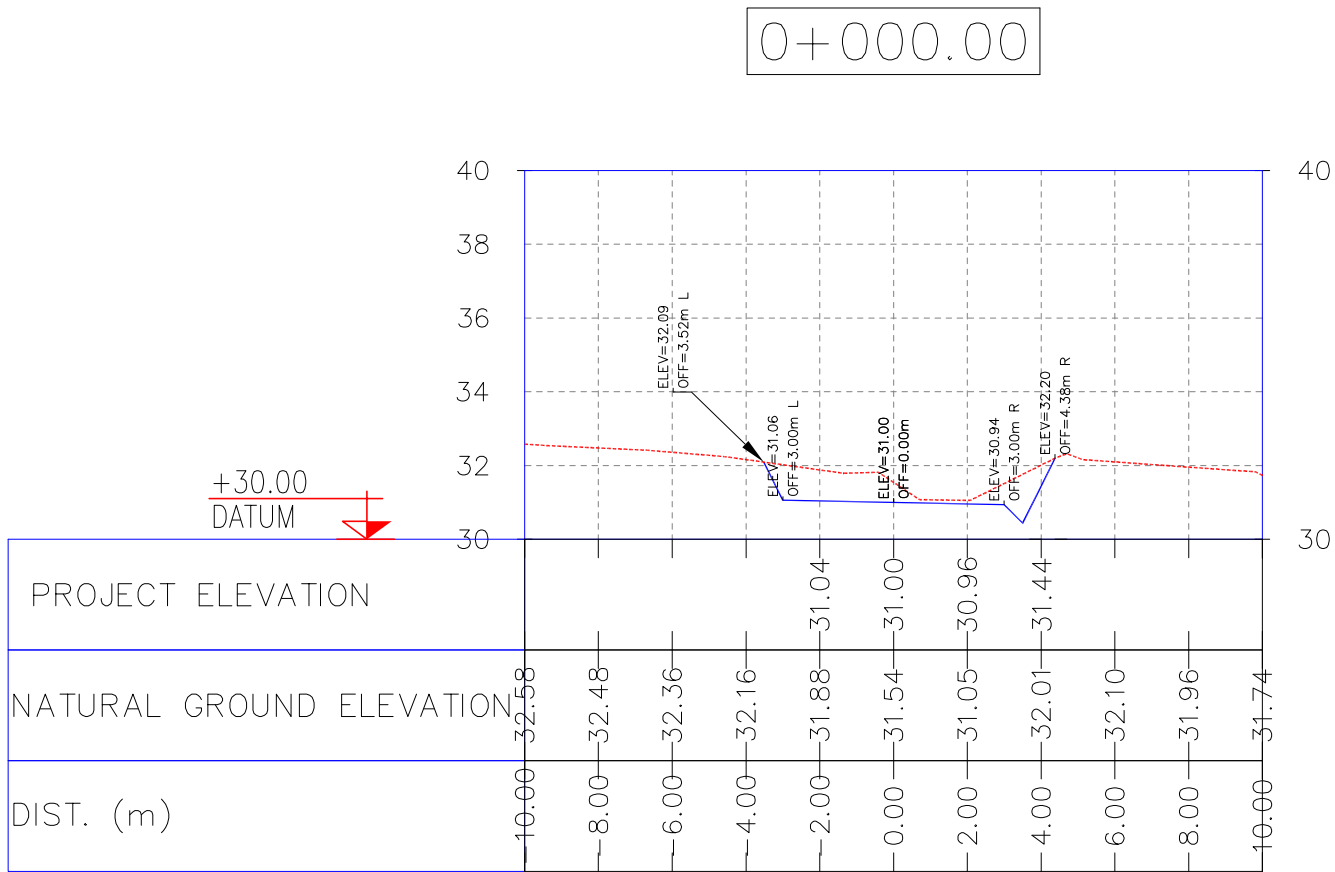
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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	707548	37	D07

1



NOTES

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

LEGEND

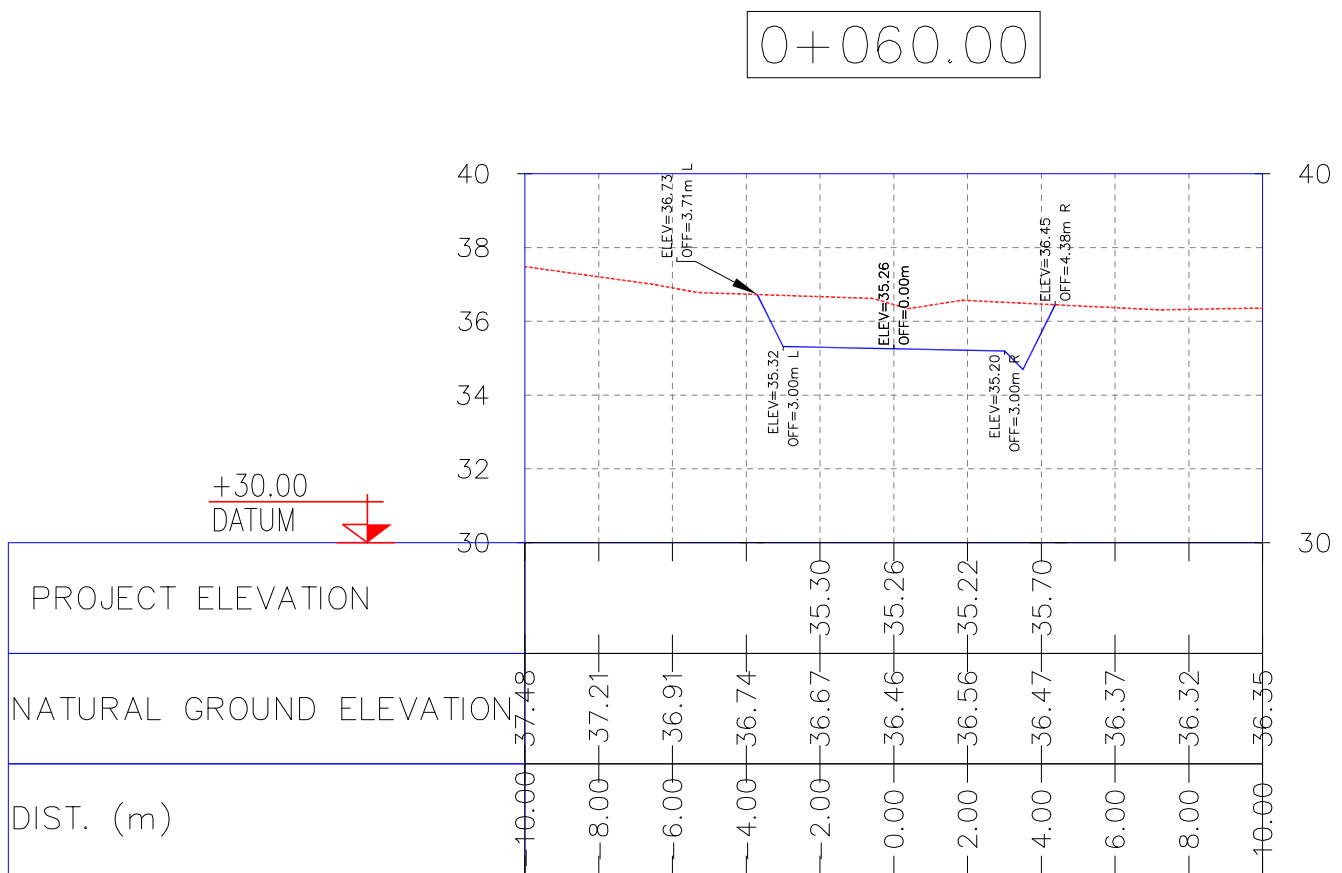
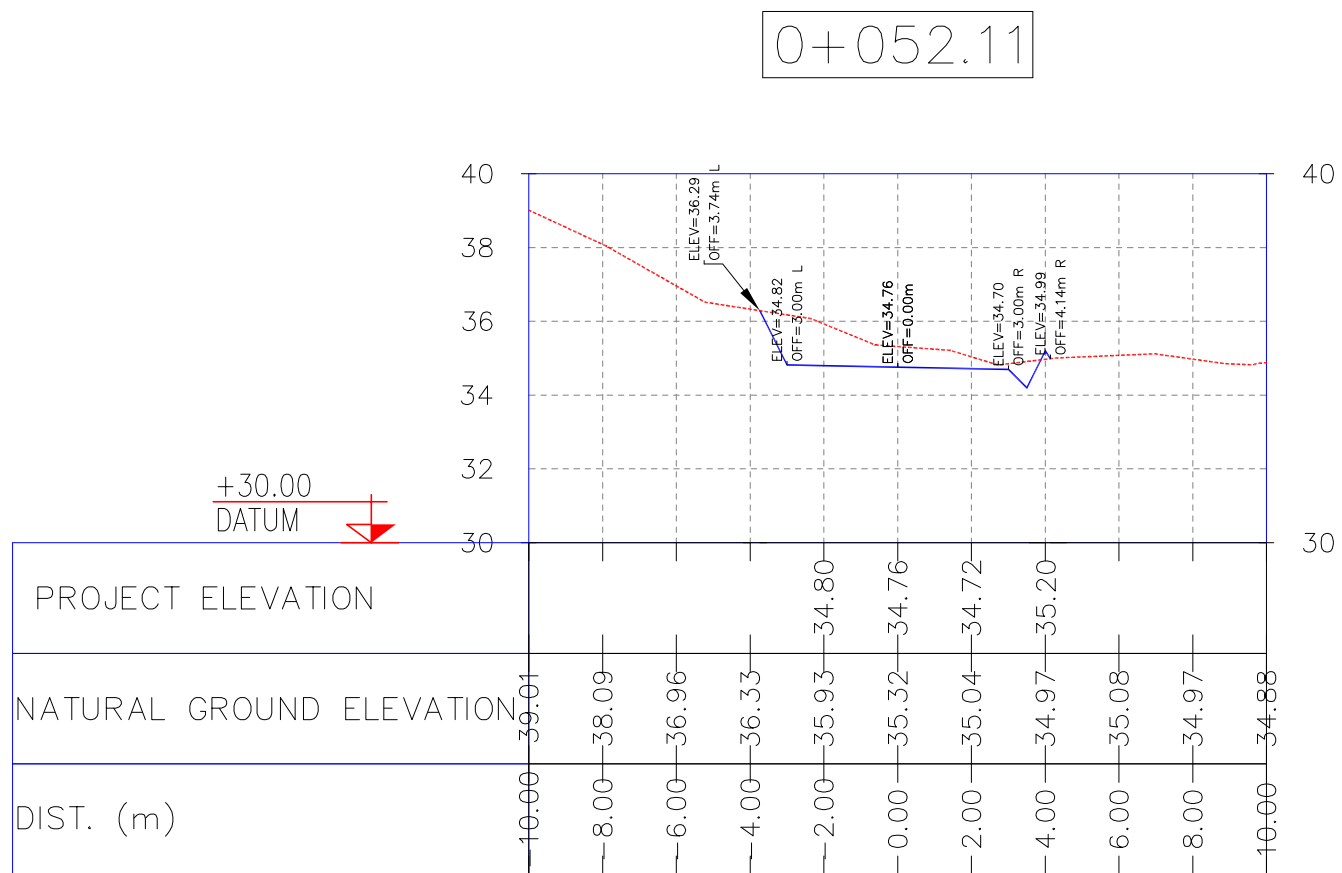
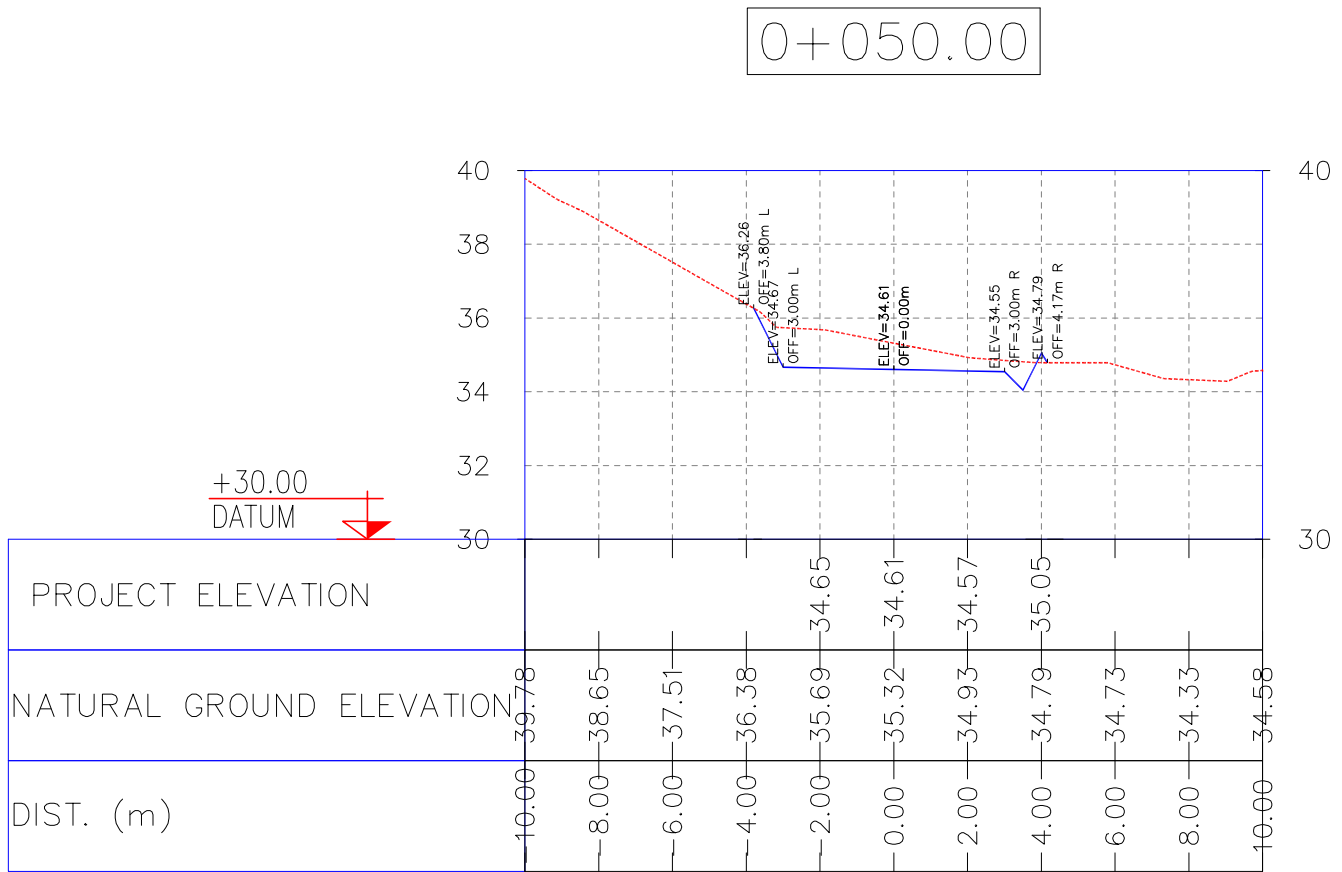
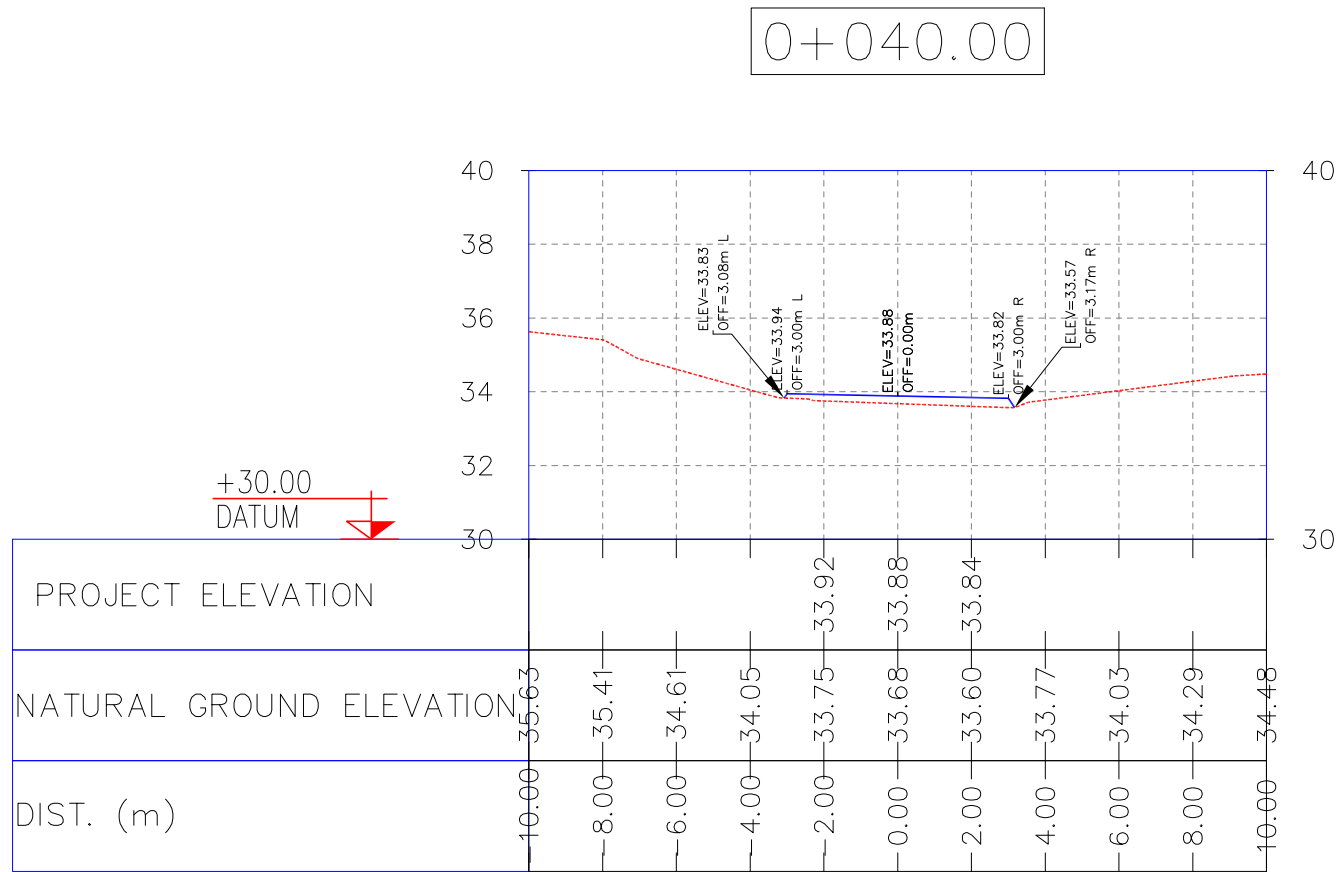
REFERENCE DRAWING	DRG. No.
General Civil Layout -W028	BK-W028-PEDCO-110-CV-PY-0001
Rough Grading Plans -W028	BK-W028-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

KEY PLAN

D07	OCT.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IPC	R. BERLOUEI	M.FAKHARIAN	SH.GHALKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME:		BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES			
PROJECT NO.:		971020			
EPC CONTRACTOR:		EPD/EPC CONTRACTOR(GC):			
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES		 PEDCO		 PETROIRAN DEVELOPMENT COMPANY	
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S BURN PIT ROAD TRANSVERSAL SECTIONS KM 0 ~30M					
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W028-PEDCO-110-CV-PY-0002		38 of 42	D07

REV.	DESCRIPTION	BY	DATE	BY	DATE
***	*****	***	*****	***	*****
REV.	DESCRIPTION	CHECKED	REV.	APPR.	
	اسم و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.				
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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.
H=1/200 V=1/200	A1	BK-W028-PEDCO-110-CV-PY-0002	38 of 42	D07	053-073-9184



NOTES

LEGEND

REFERENCE DRAWING

DRG. No.

General Civil Layout -W028

BK-W028-PEDCO-110-CV-PY-0001

Rough Grading Plans -W028

BK-W028-PEDCO-110-CV-DW-0001

Standard Drawing For Culvert & Details

BK-GNRAL-PEDCO-000-CV-DW-0014

Specification For Earth Work

BK-GNRAL-PEDCO-000-CV-SP-0004

Standard Drawing For Slope Protection Details

BK-GNRAL-PEDCO-000-CV-DW-0002

KEY PLAN

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HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39

ELLIPSOID : WORLD GEODETTIC SYSTEM 1984 (WGS84)

MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)

VERTICAL DATUM: MSL

REV.

DESCRIPTION

BY

DATE

CHECKED

REV.

APPR.

اصل و کليه نسخ اين نقشه و حق افقياس متعلق به شرک ملي مناطق نفت خيز جنوب ميباشد.

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HIRGAN ENERGY

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HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR(GC):

PETROIRAN DEVELOPMENT COMPANY

BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES

DATE

SCALE

DRAWING BY

CHECKED BY

PROJECT ENG.

DRAWING TITLE:

CIVIL AND STRUCTURAL DRAWINGS-W028S BURN PIT ROAD TRANSVERSAL SECTIONS KM 40~60M

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION

BY:

DATE:

SCALE

SIZE

DRAWING NO.

SHEET NO.

REV.

BUDGET REF.

LOCATION

SIZE

CLASS

SERIAL NO.

SHEET

REVISION

H=1/200

V=1/200

A1

BK-W028-PEDCO-110-CV-PY-0002

39 of 42

D07

053-073-9184

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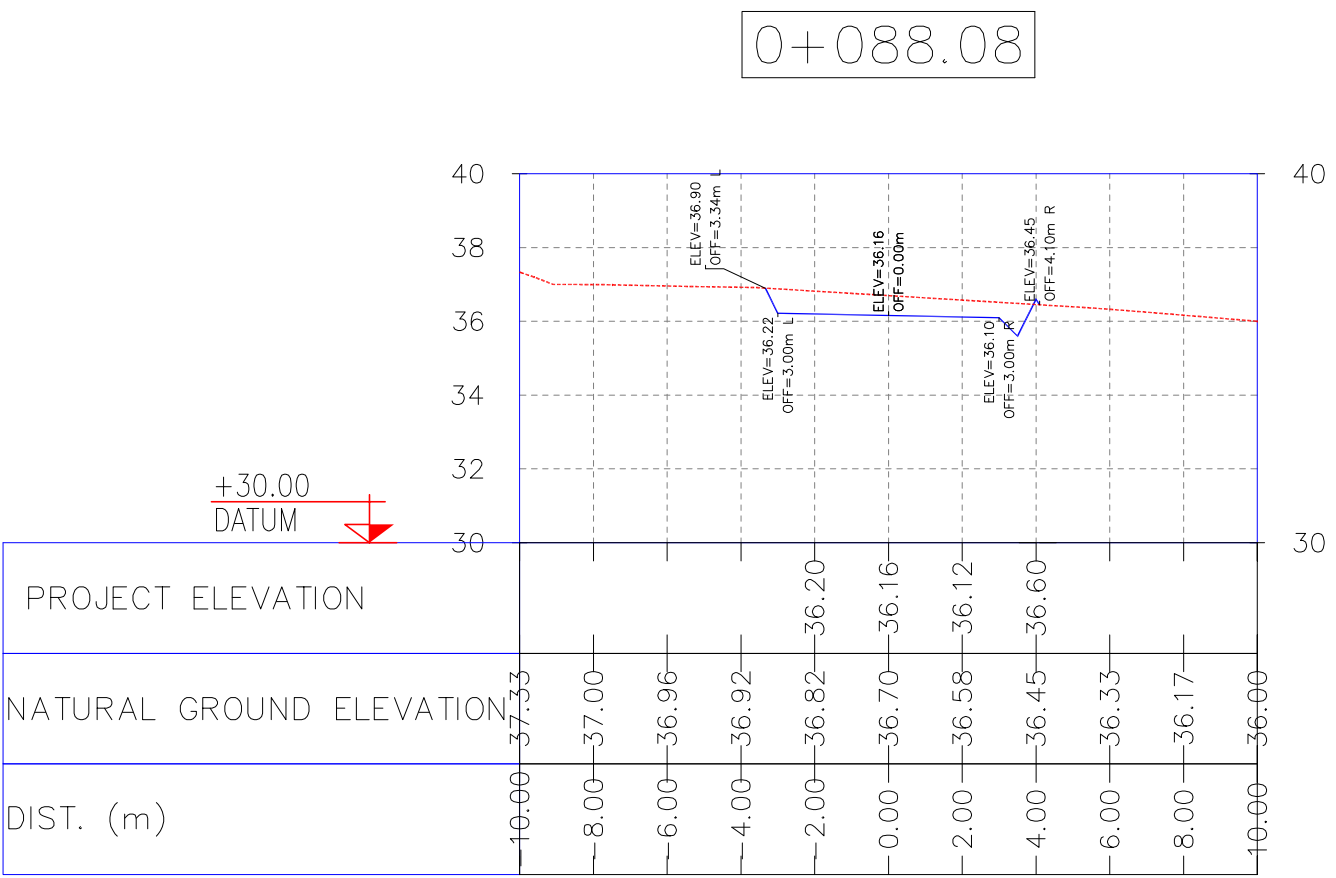
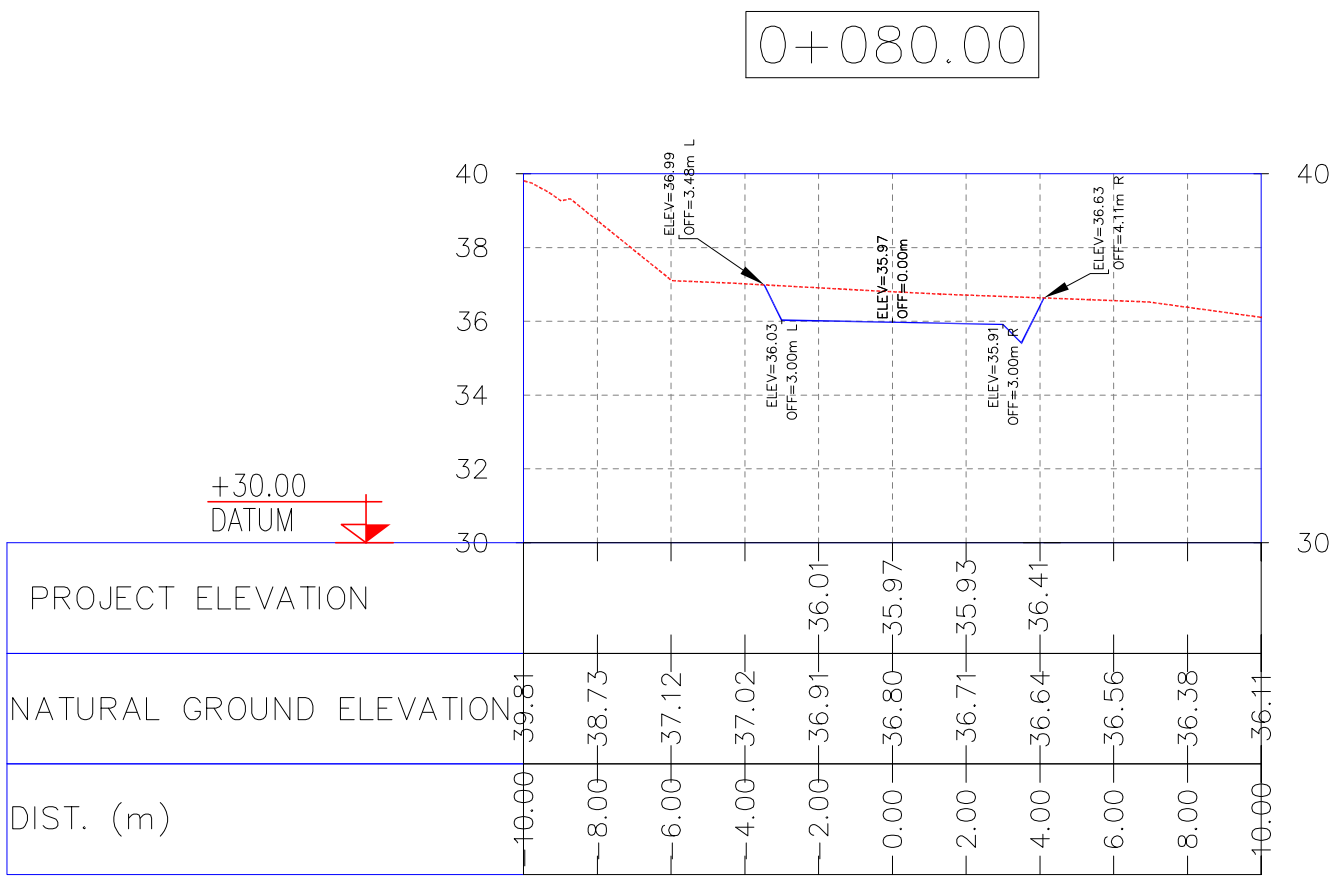
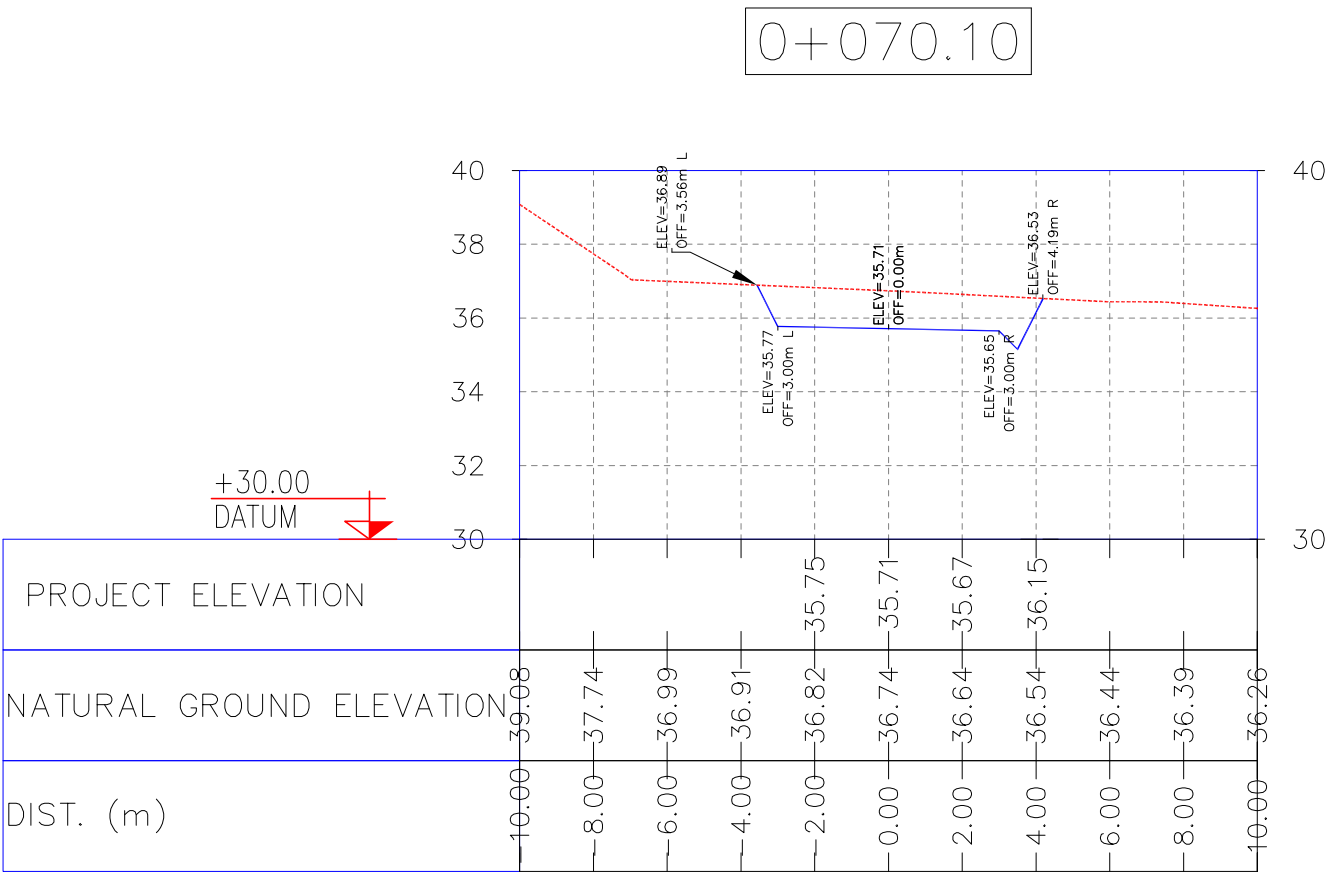
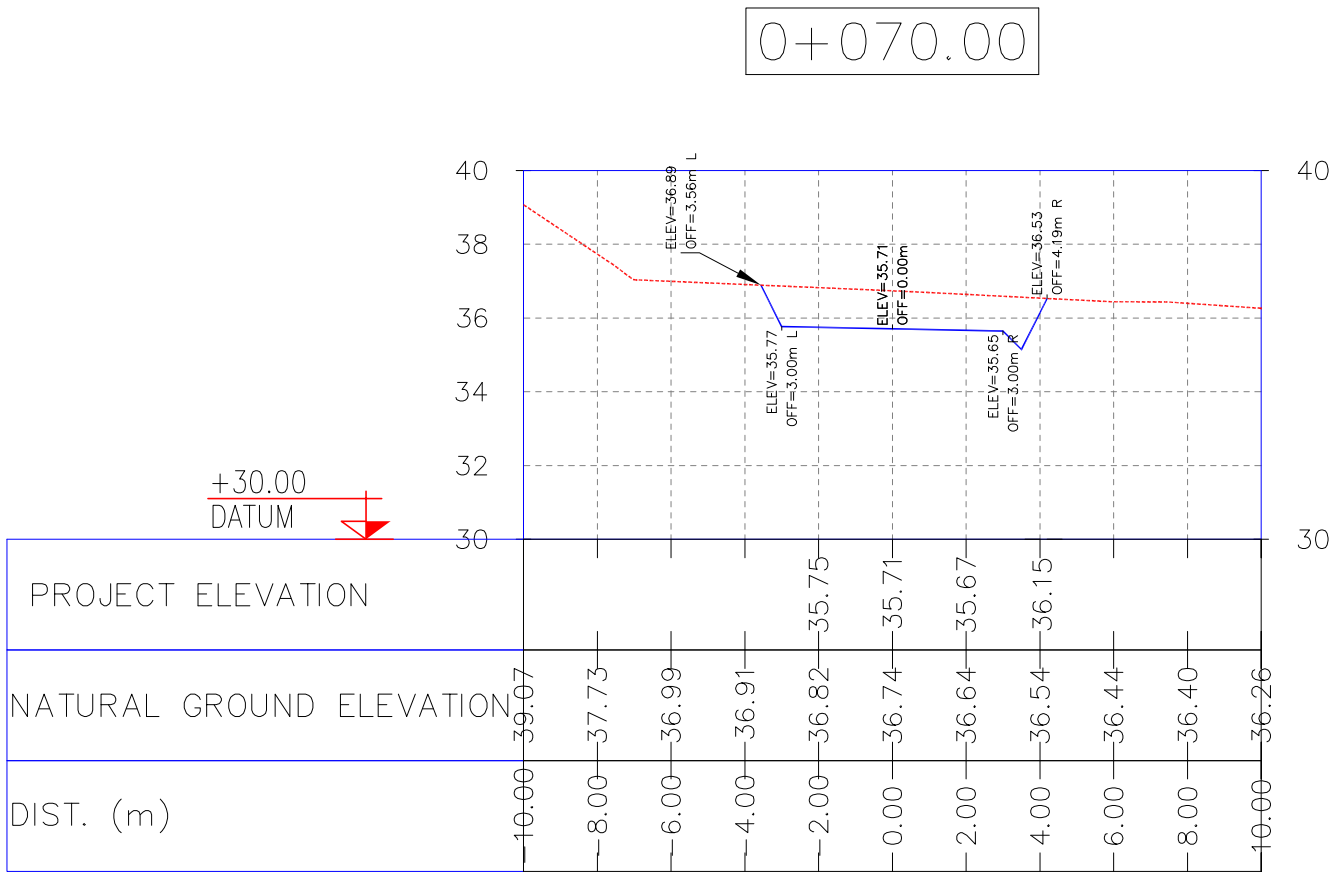
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707548

39

D07

D07	OCT.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES						
PROJECT NO.: 971020						
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):			
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S BURN PIT ROAD TRANSVERSAL SECTIONS KM 40~60M						
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W028-PEDCO-110-CV-PY-0002			39 of 42	D07



NOTES

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MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL

LEGEND

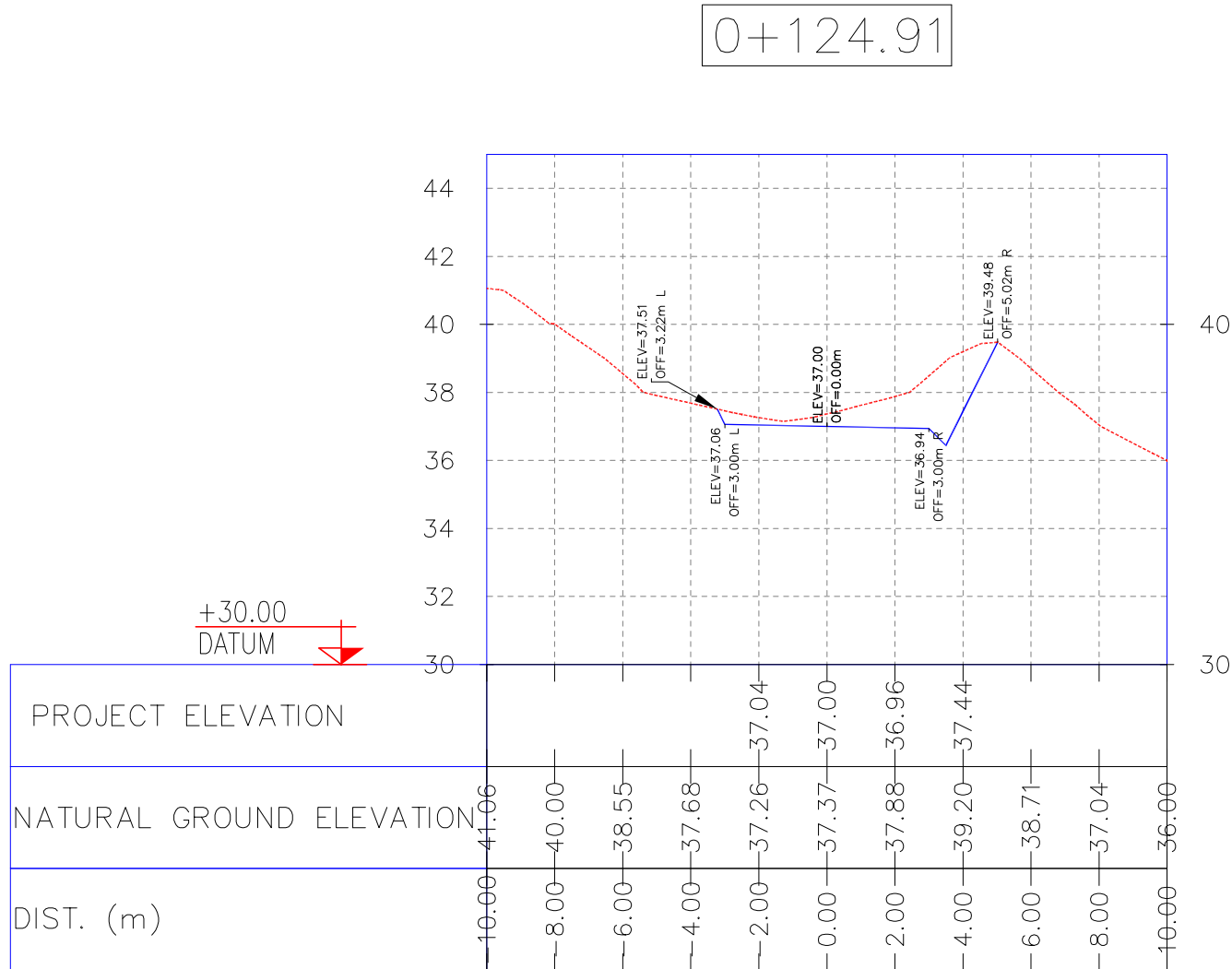
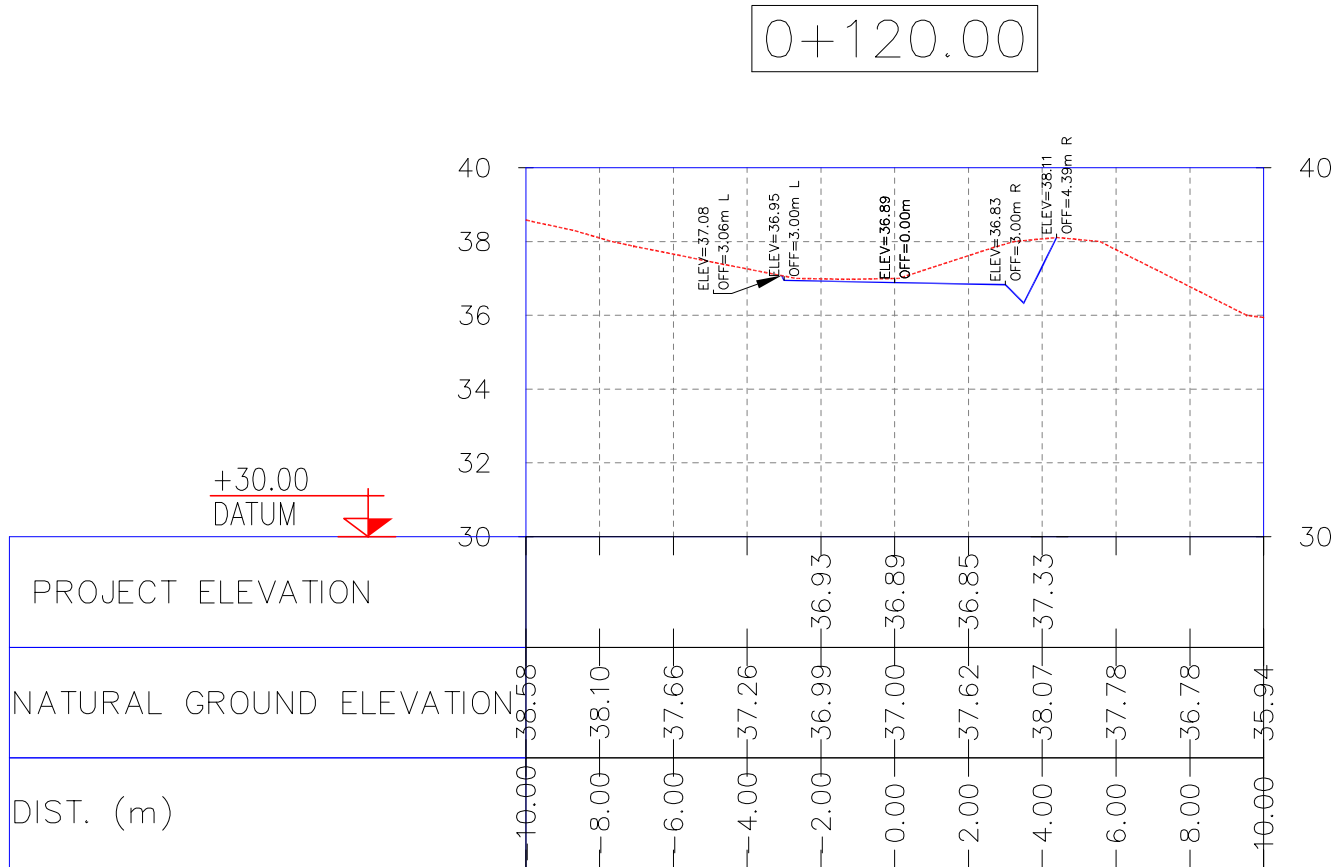
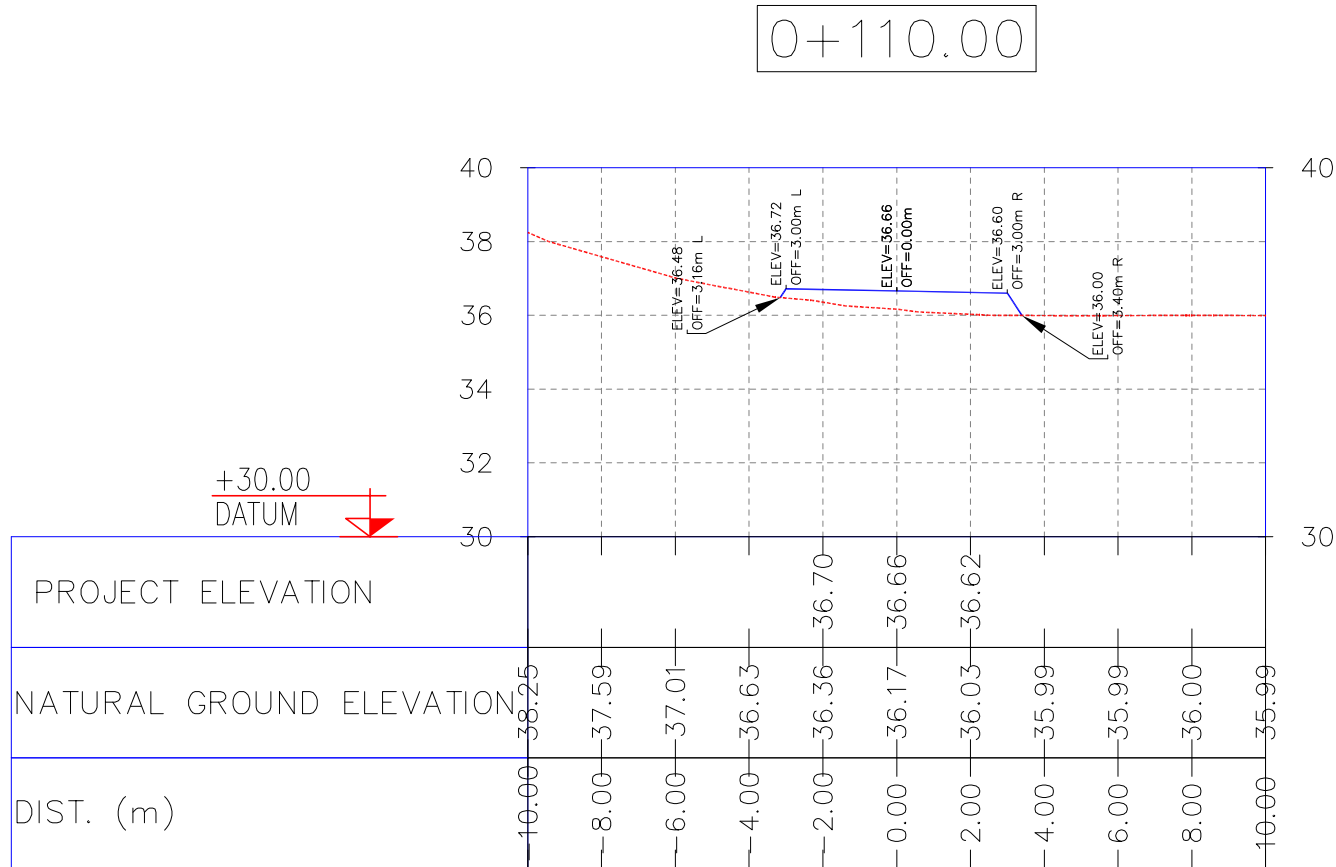
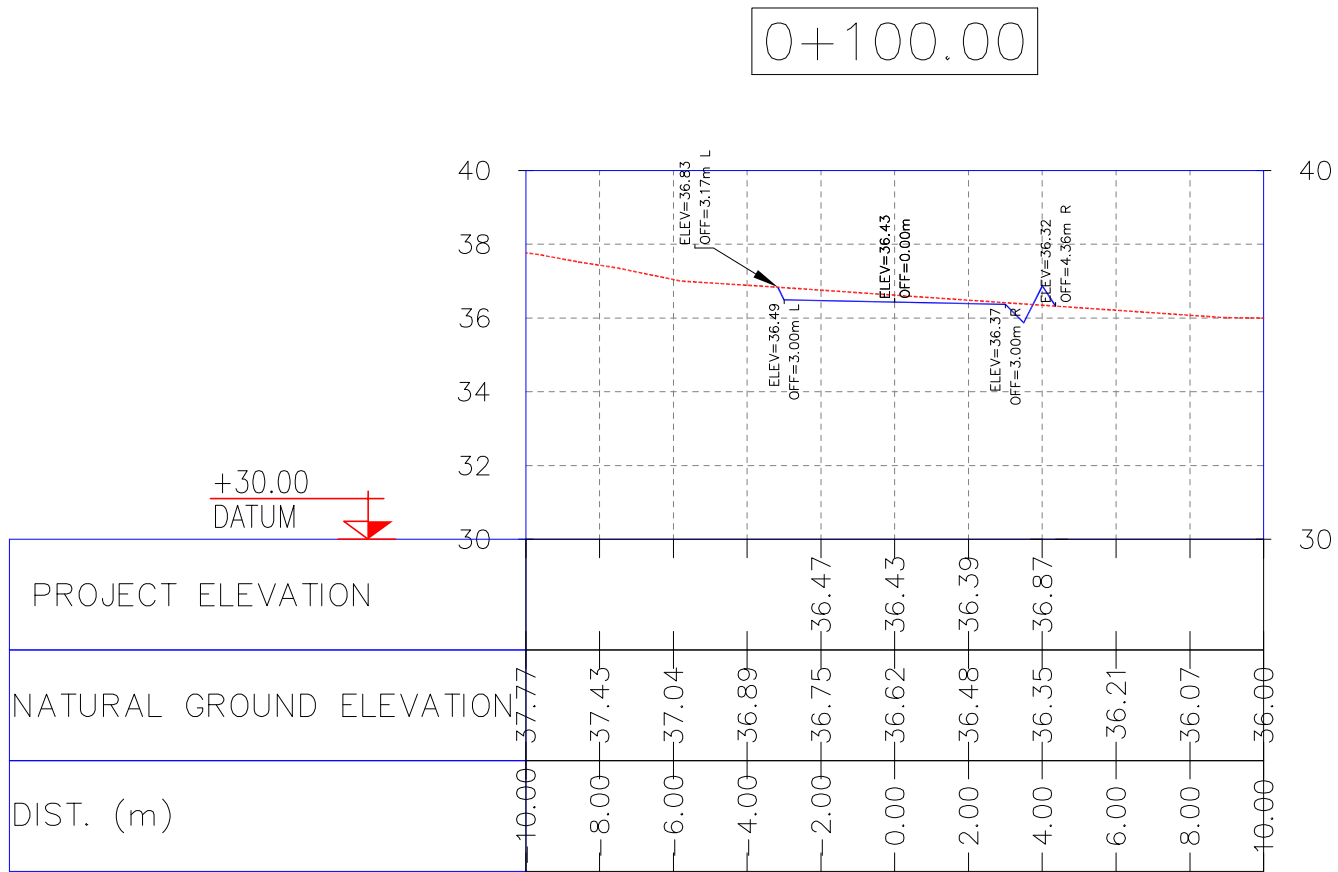
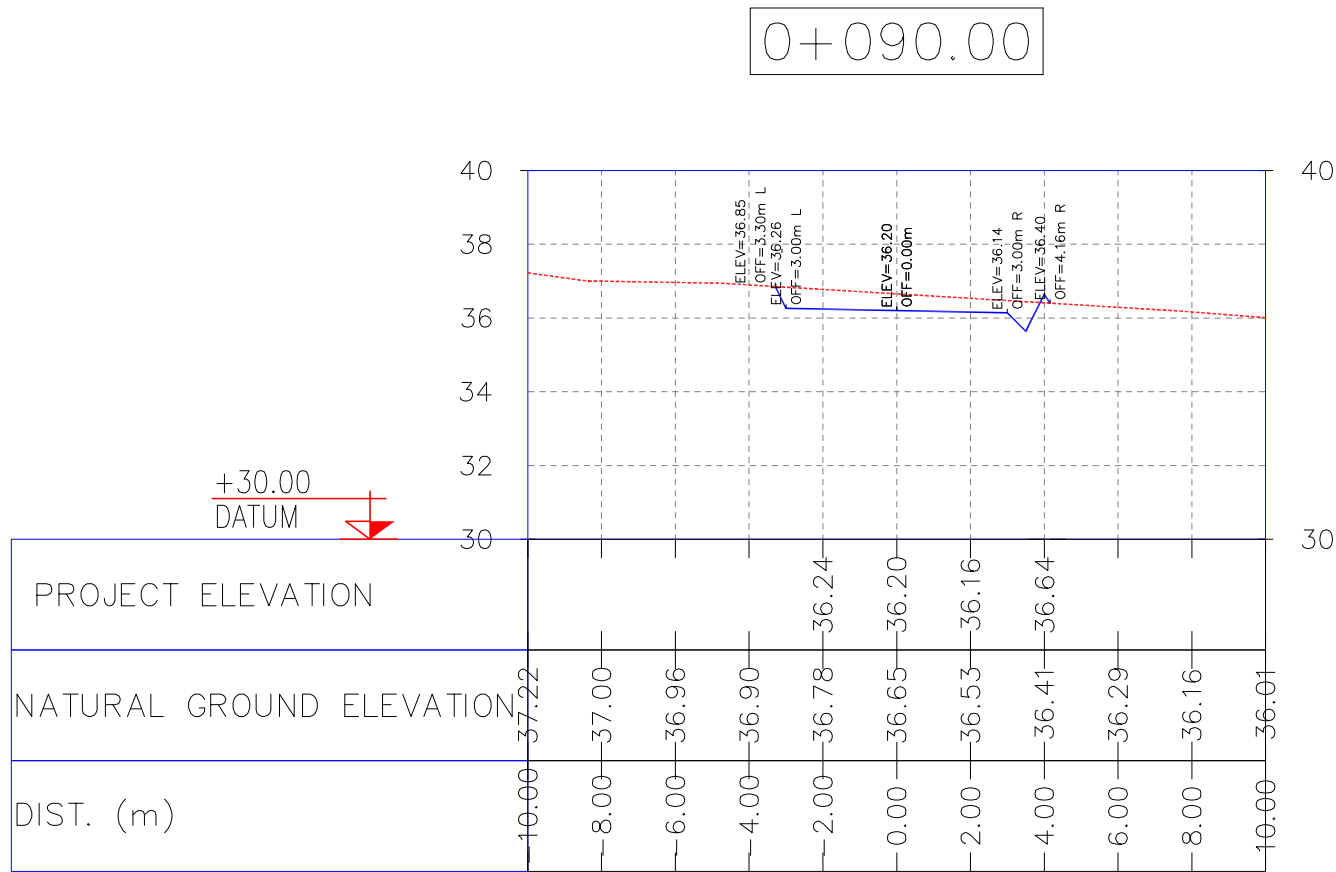
REFERENCE DRAWING	DRG. No.
General Civil Layout -W028	BK-W028-PEDCO-110-CV-PY-0001
Rough Grading Plans -W028	BK-W028-PEDCO-110-CV-DW-0001
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Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

KEY PLAN

D07	OCT.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IPC	R. BERLOUEI	M.FAKHARIAN	SH.GHALKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES					
PROJECT NO.:			971020		
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):		
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY		
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S BURN PIT ROAD TRANSVERSAL SECTIONS KM 70-88.08M					
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W028-PEDCO-110-CV-PY-0002		40 of 42	D07

REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV.	APPR.
اسم و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.					
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DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.	
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED					
APPROVED FOR CONSTRUCTION			BY:		DATE:
CLASS	SERIAL NO.	SHEET	REVISION		
4	707548	40	D07		



NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.

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

3-GEOETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEOETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL

LEGEND

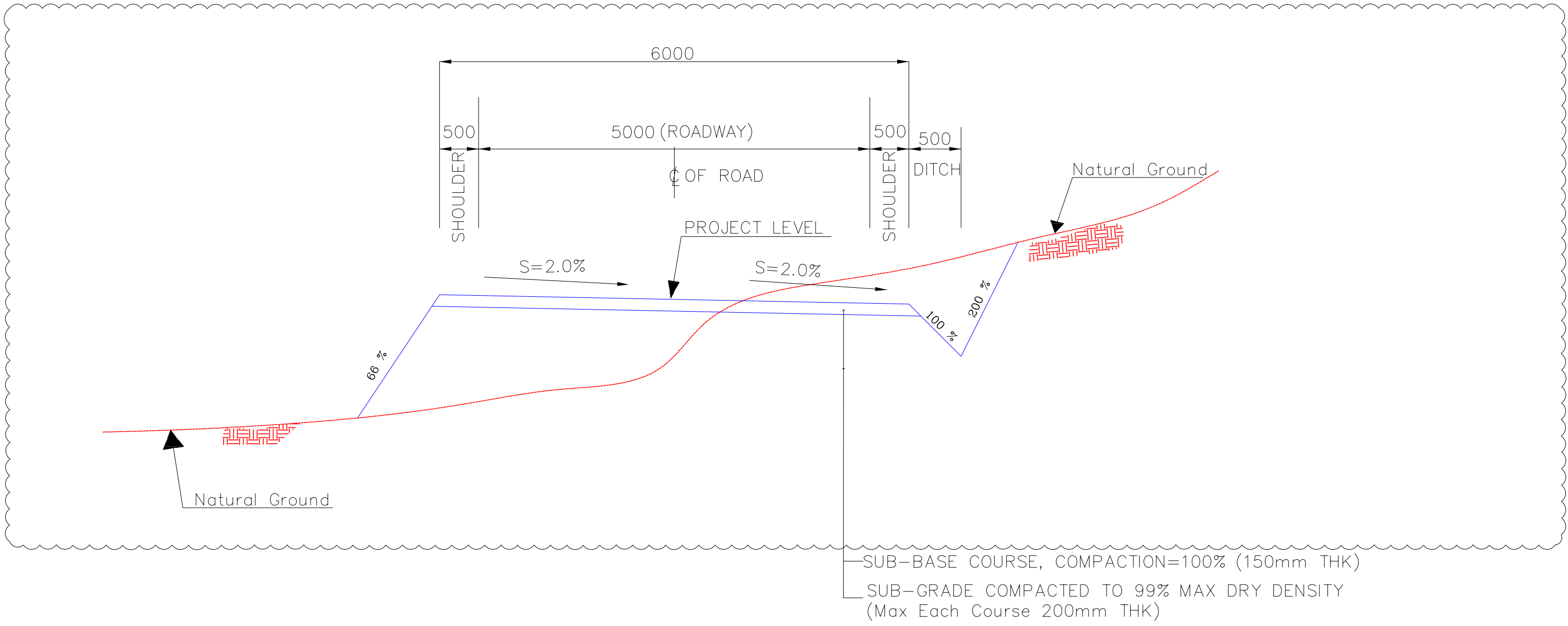
REFERENCE DRAWING	DRG. No.
General Civil Layout -W028	BK-W028-PEDCO-110-CV-PY-0001
Rough Grading Plans -W028	BK-W028-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

KEY PLAN

D07	OCT.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IPC	R. BERLOUEI	M.FAKHARIAN	SH.GHALKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME:		BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES			
PROJECT NO.:		971020			
EPC CONTRACTOR:		EPD/EPC CONTRACTOR(GC):			
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES		 PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE:		CIVIL AND STRUCTURAL DRAWINGS-W028S BURN PIT ROAD TRANSVERSAL SECTIONS KM 90-124.91M			
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.
H=1/200 V=1/200	A1	BK-W028-PEDCO-110-CV-PY-0002		41 of 42	D07

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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.
H=1/200 V=1/200	A1	BK-W028-PEDCO-110-CV-PY-0002	41 of 42	D07	053-073-9184



1 TYPICAL CROSS SECTION (BURN PIT Road)
N.T.S.

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: MSL

LEGEND

REFERENCE DRAWING	DRG. No.
General Civil Layout -W028	BK-W028-PEDCO-110-CV-PY-0001
Rough Grading Plans -W028	BK-W028-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRAL-PEDCO-000-CV-DW-0014
Specification For Earth Work	BK-GNRAL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAL-PEDCO-000-CV-DW-0002

KEY PLAN

D07	OCT.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D06	AUG.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D05	JUL.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D04	JUN.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IPC	R. BERLOUEI	M.FAKHARIAN	SH.GHALKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES					
PROJECT NO.:			971020		
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):		
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY		
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S TYPICAL CUT&FILL CROSS SEC.(Burn Pit Access Road)					
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002		42 of 42	D07



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BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 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	707548	42	D07