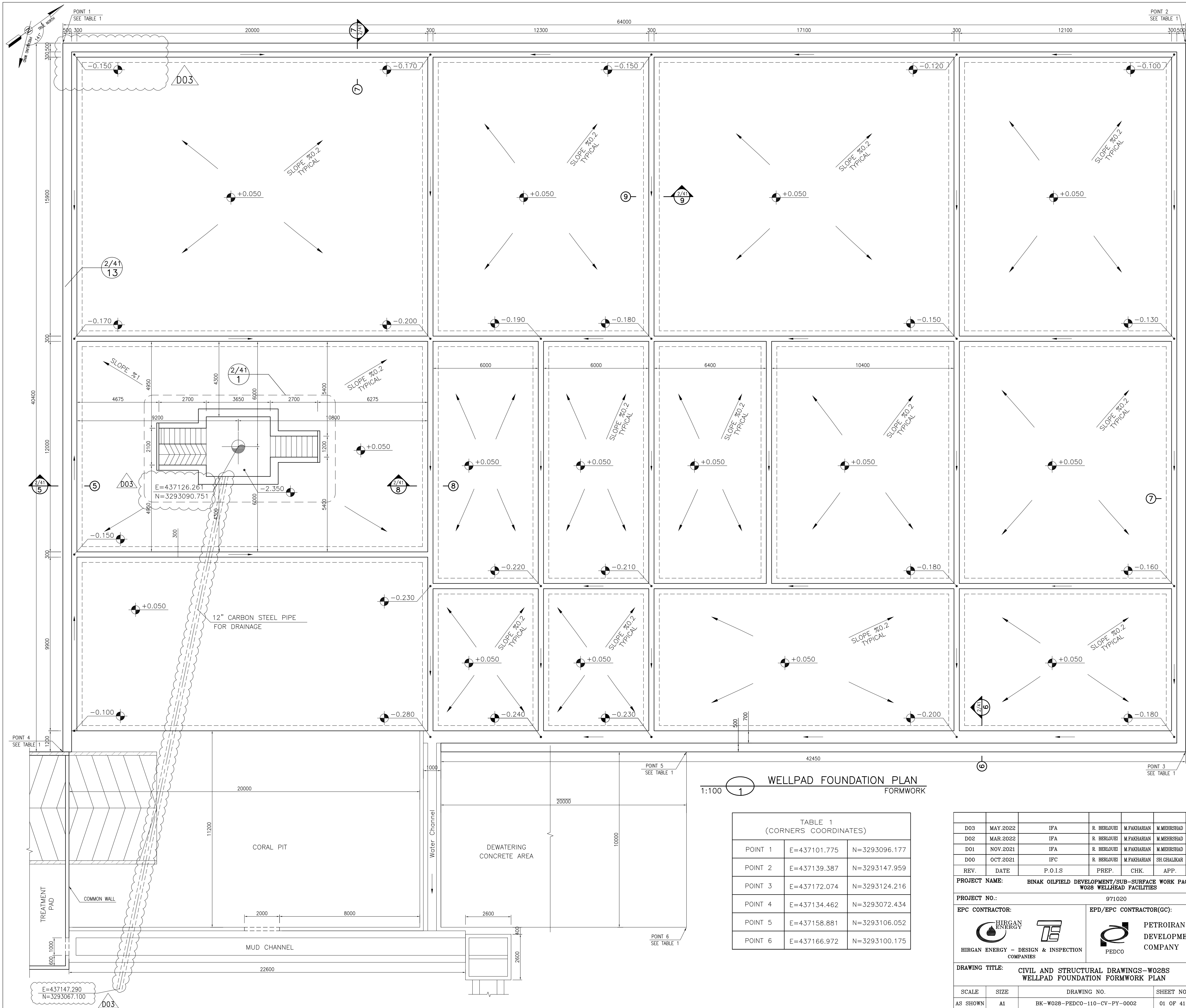


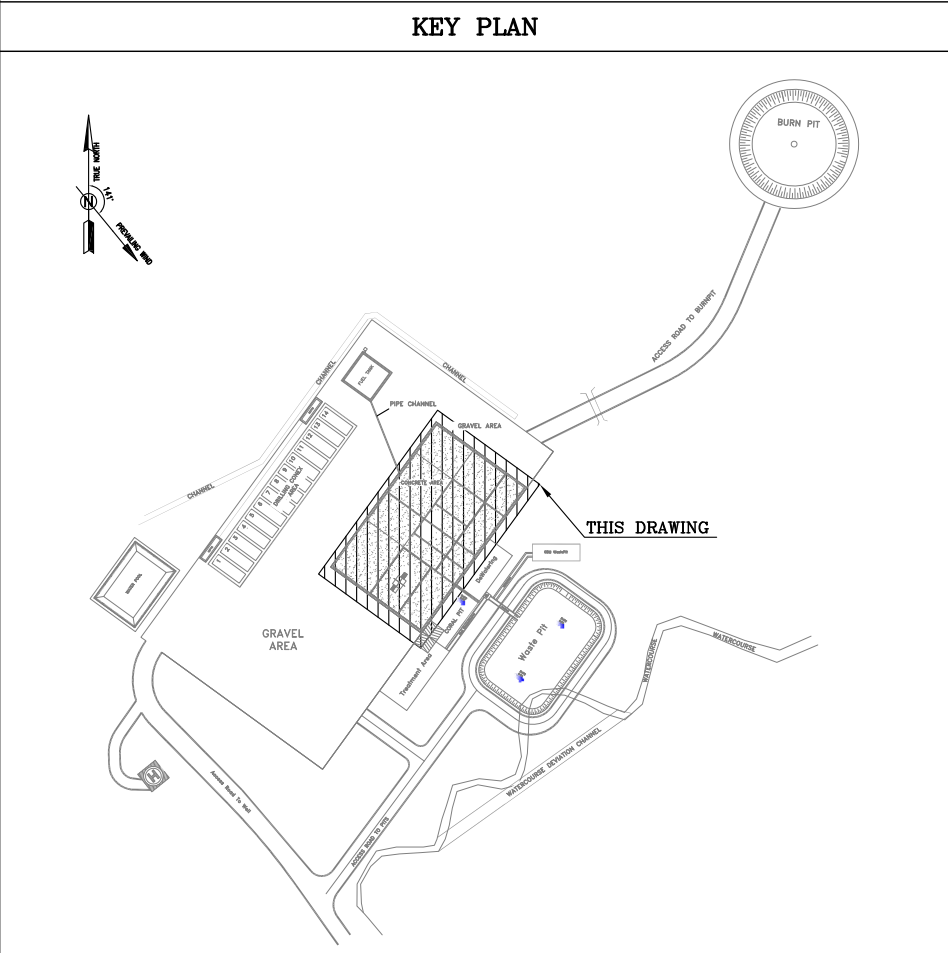


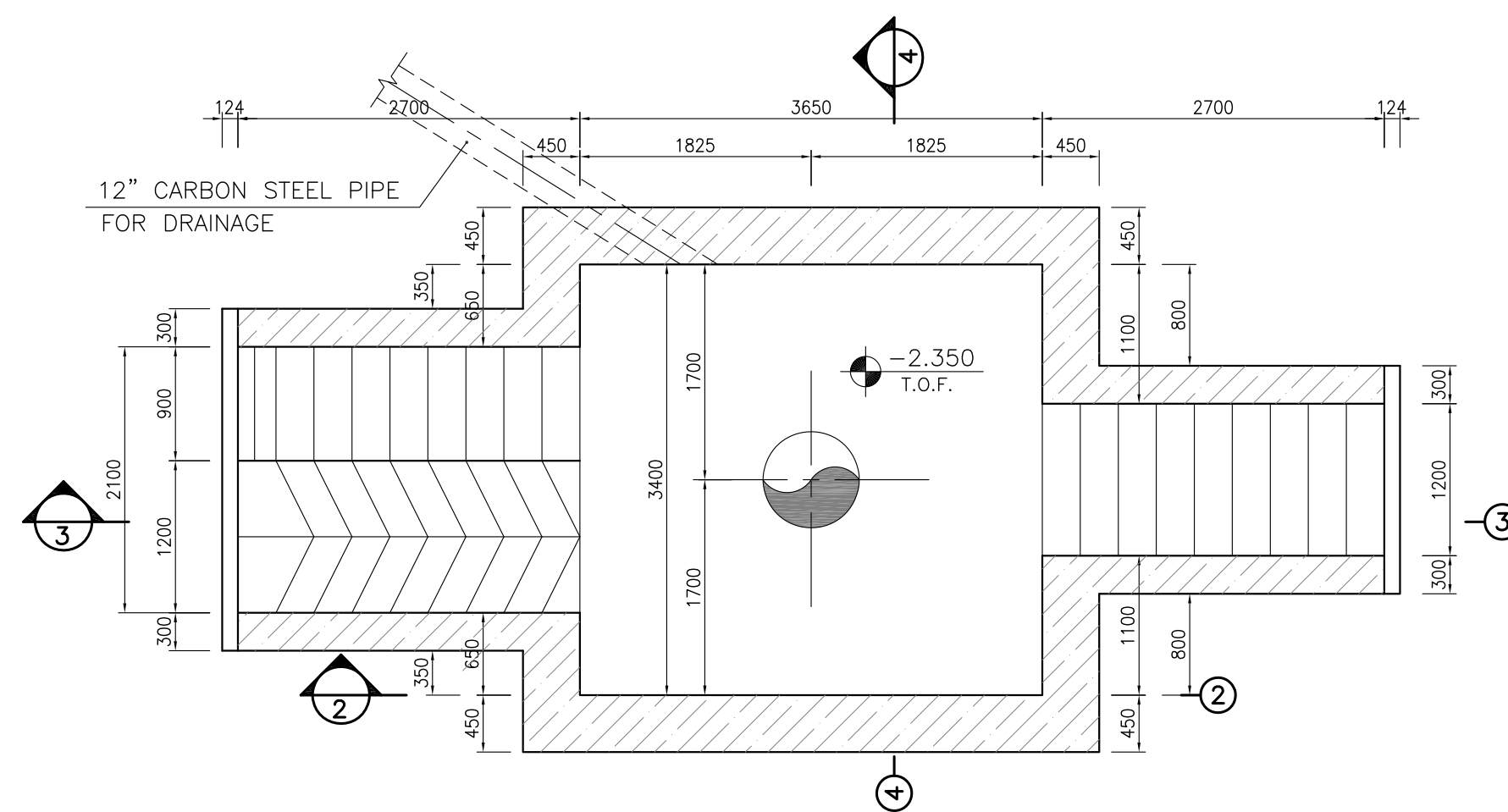
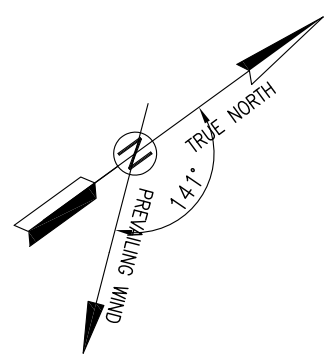
NOTES

- 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(N 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(N 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 WEATHER-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 : WGS84
GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL

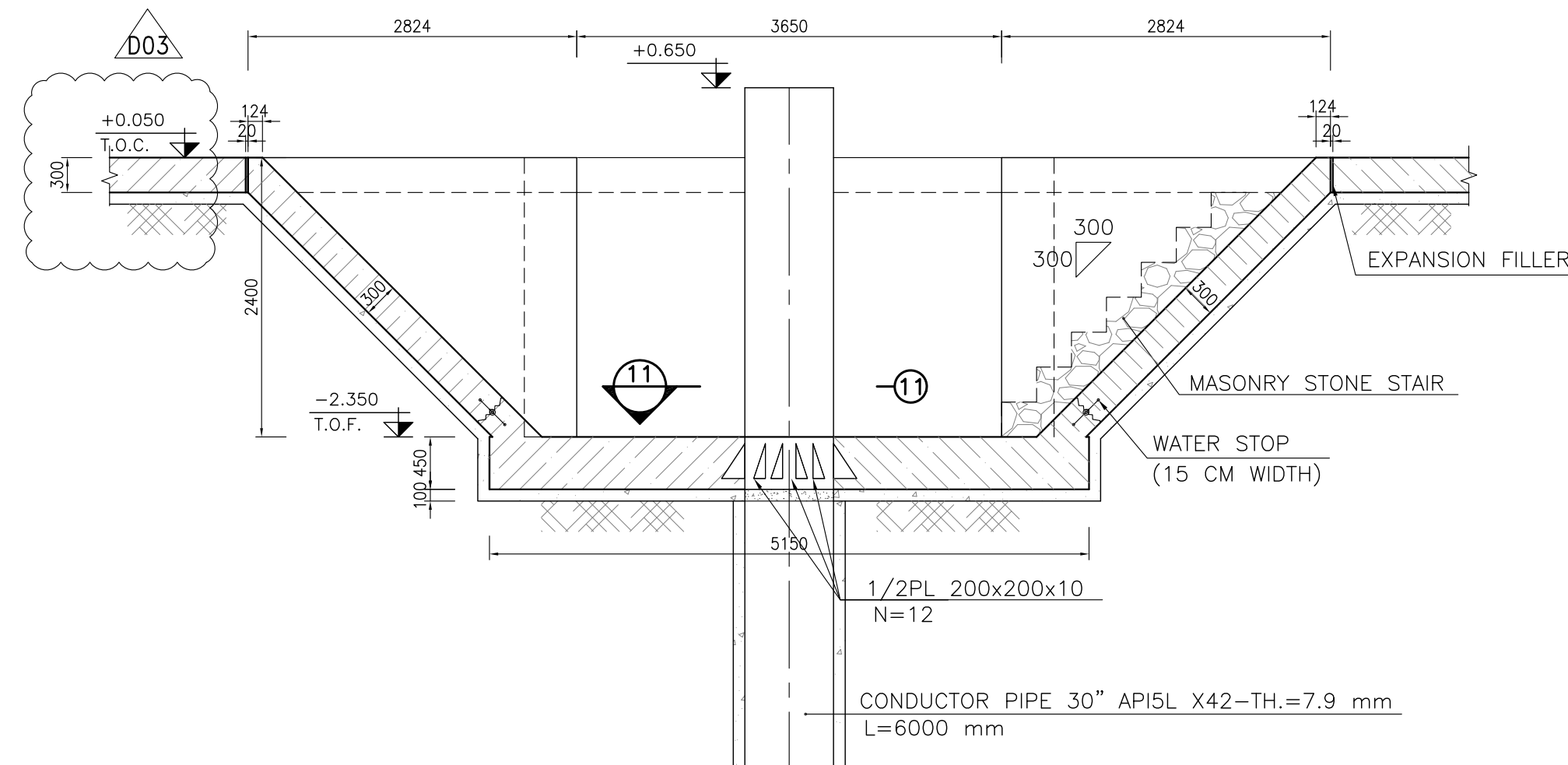
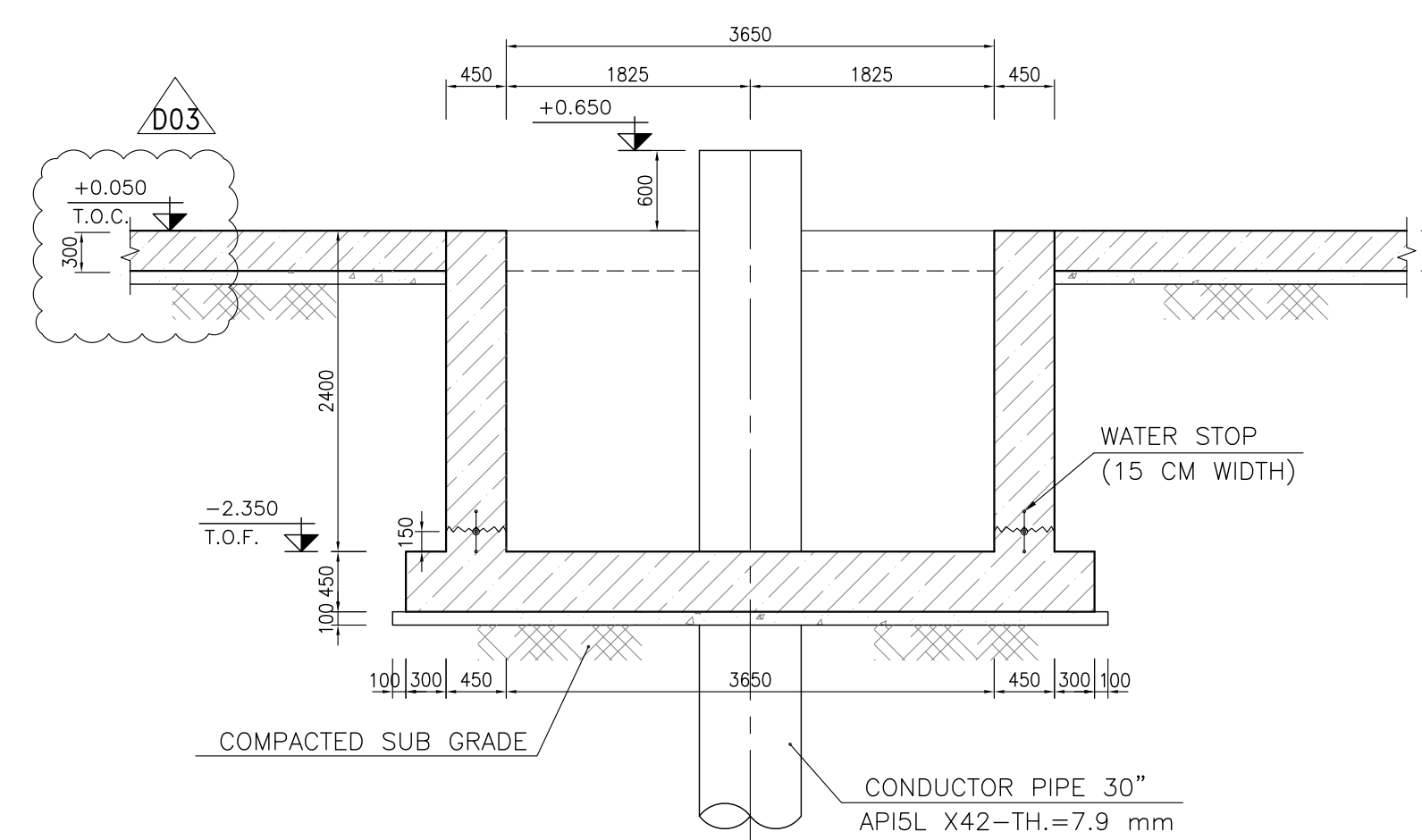
LEGEND AND ABBREVIATION			
	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
	GRAVEL	T.O.PIT	TOP OF PIT
	SUB GRADE	B.O.P.	BOTTOM OF PIPE
	SLOPE	R.G.L.	ROUGH GRADING LEVEL

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 FOR MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040

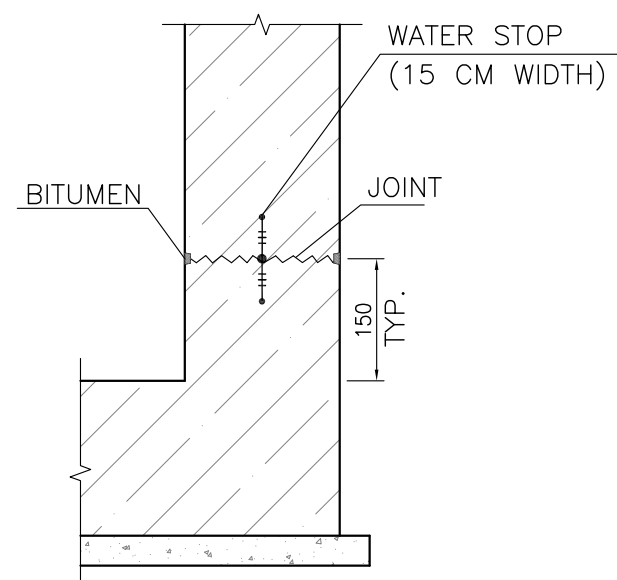
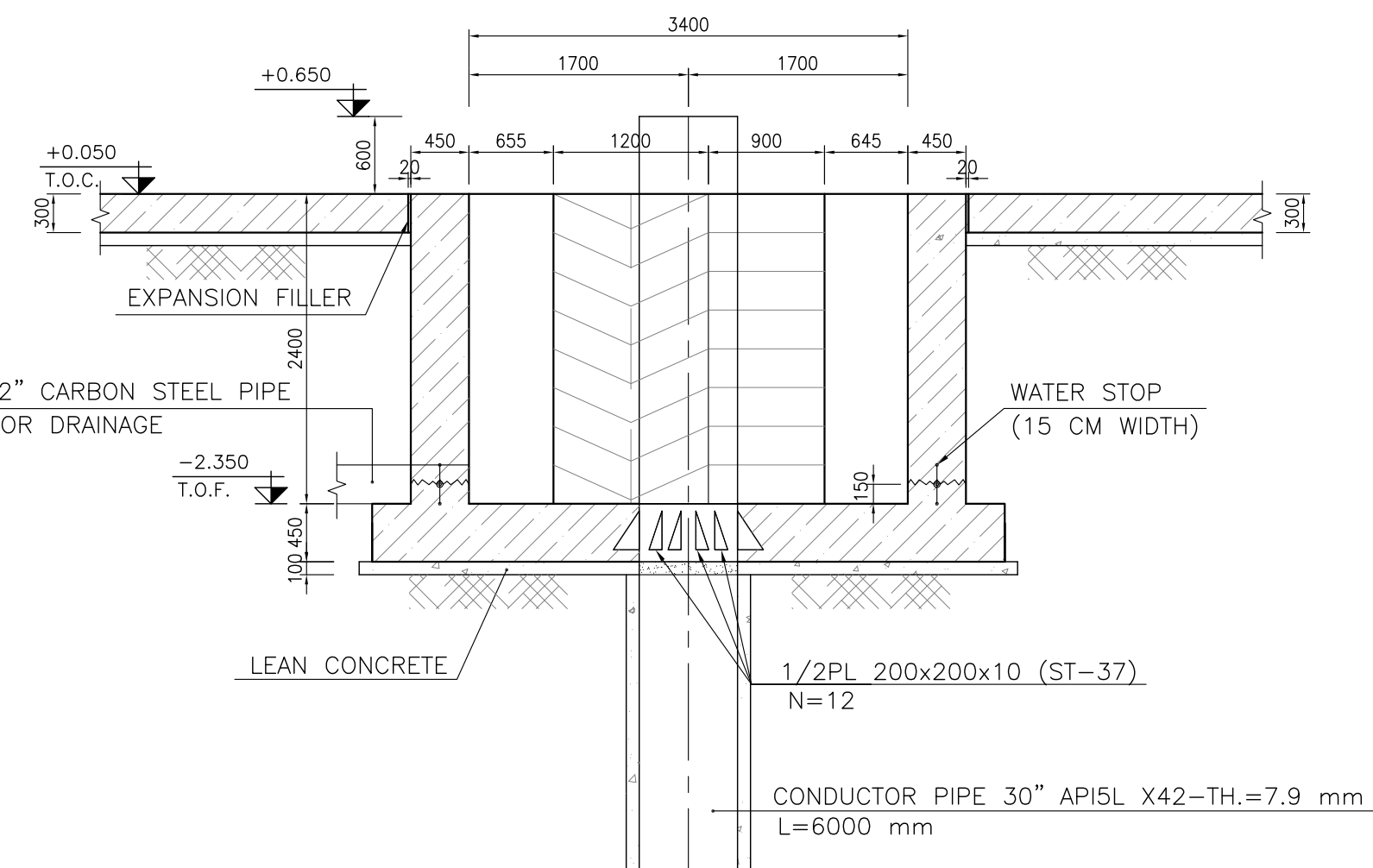
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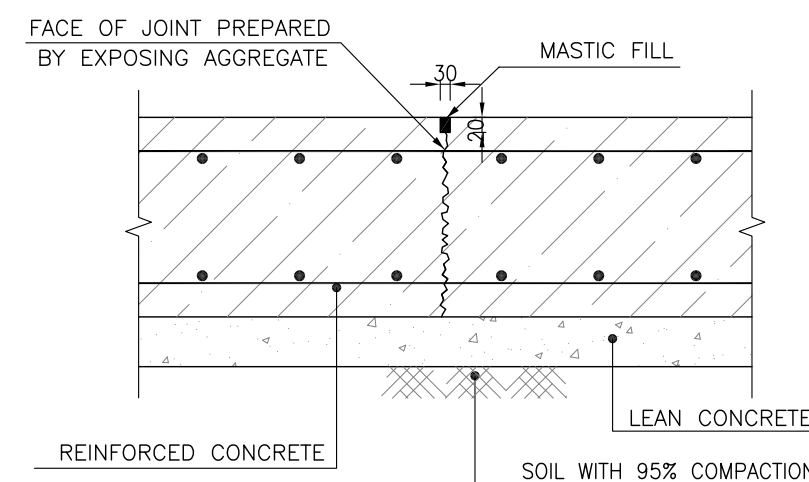
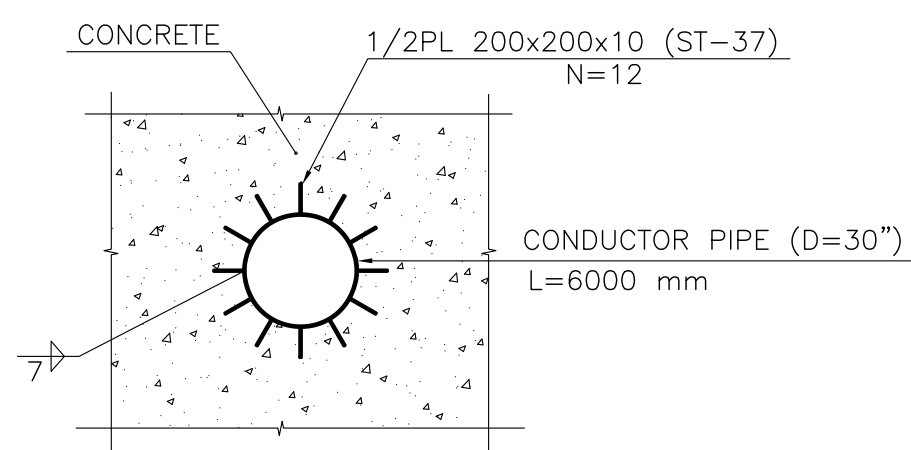
1:50 1/41 CELLAR PIT FORMWORK PLAN



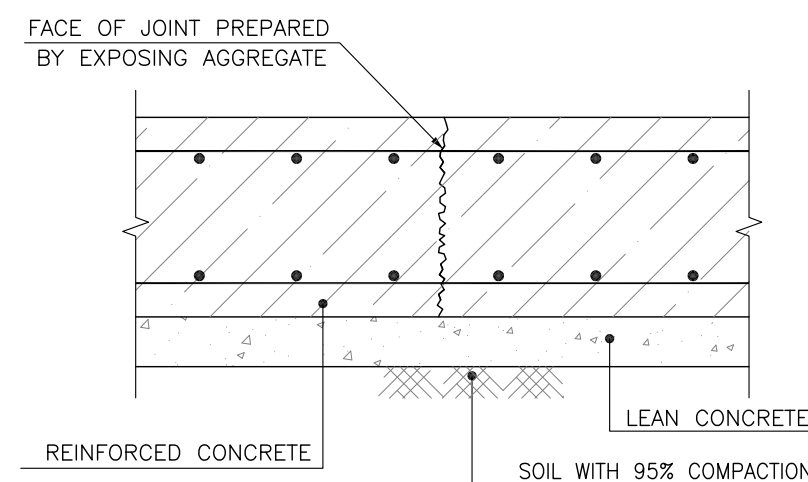
1:50 3 FORMWORK



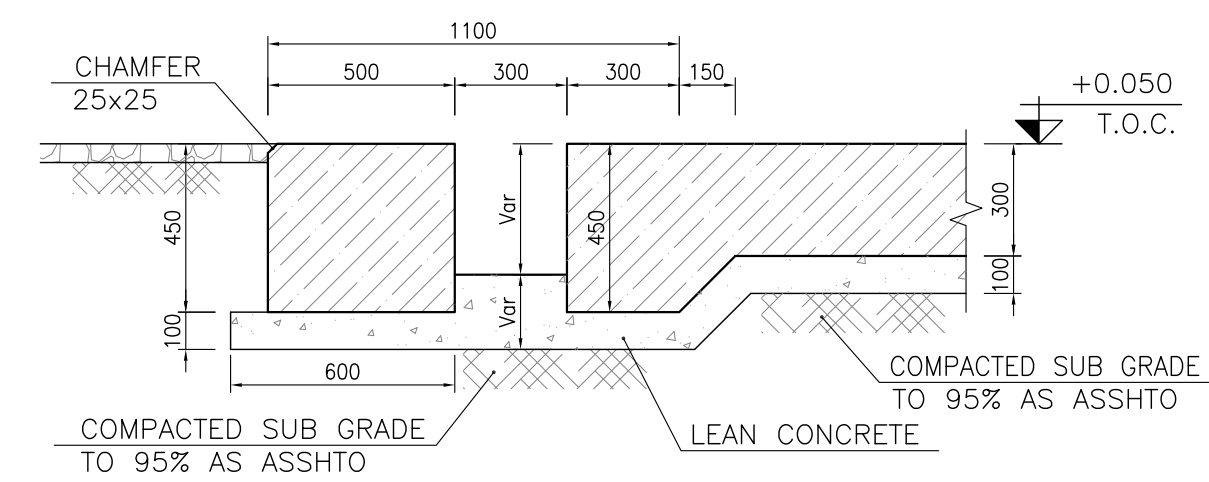
TYPICAL DETAIL OF WATER STOP



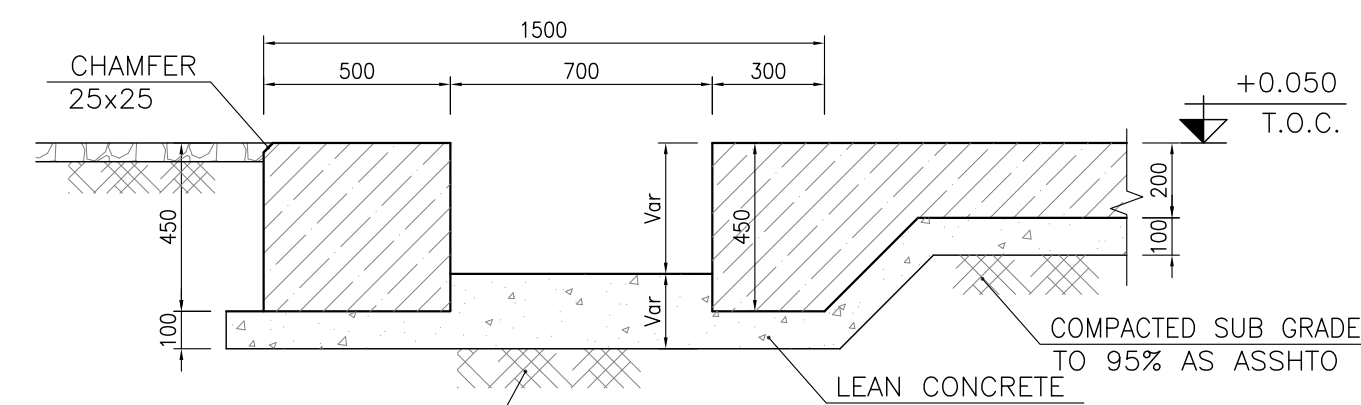
- TYPICAL CONTRACTION JOINT
N.T.S. 12 EVERY 6000



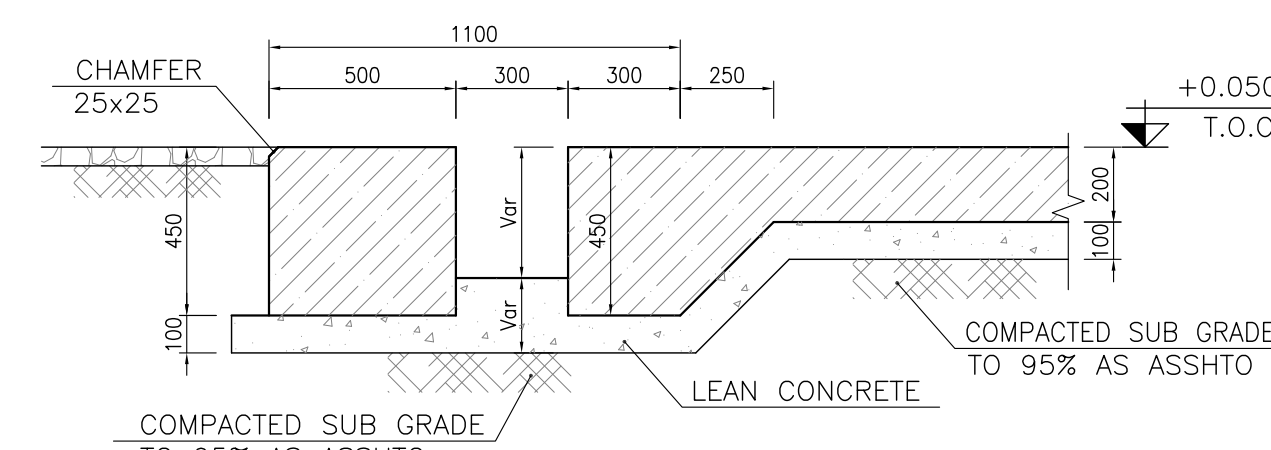
— TYPICAL CONSTRUCTION JOINT



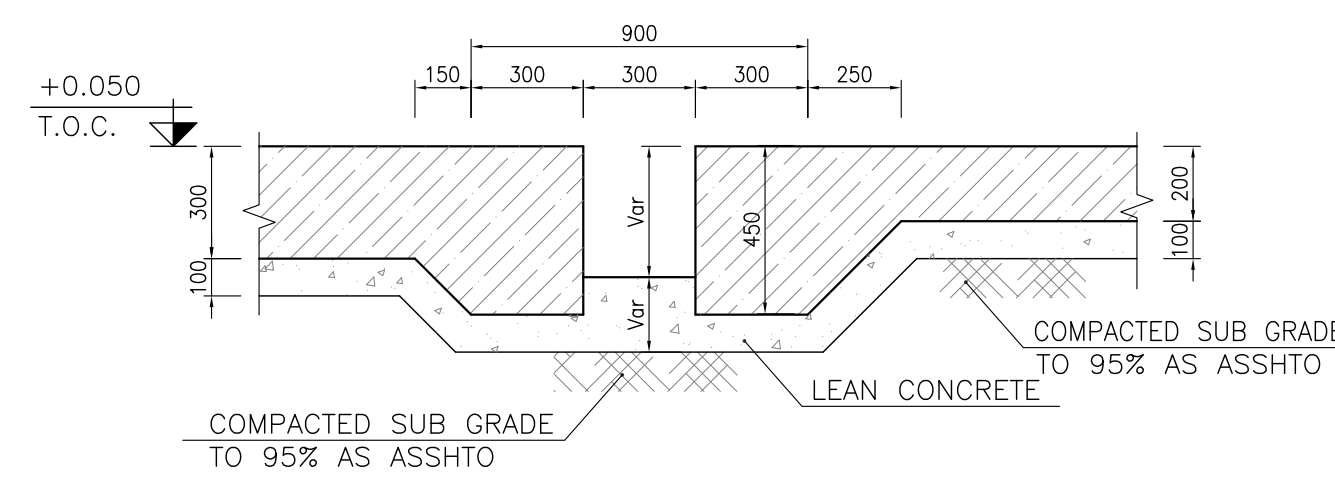
1:20  TYPICAL CHANNEL SECTION
IN BOUNDARY SIDE



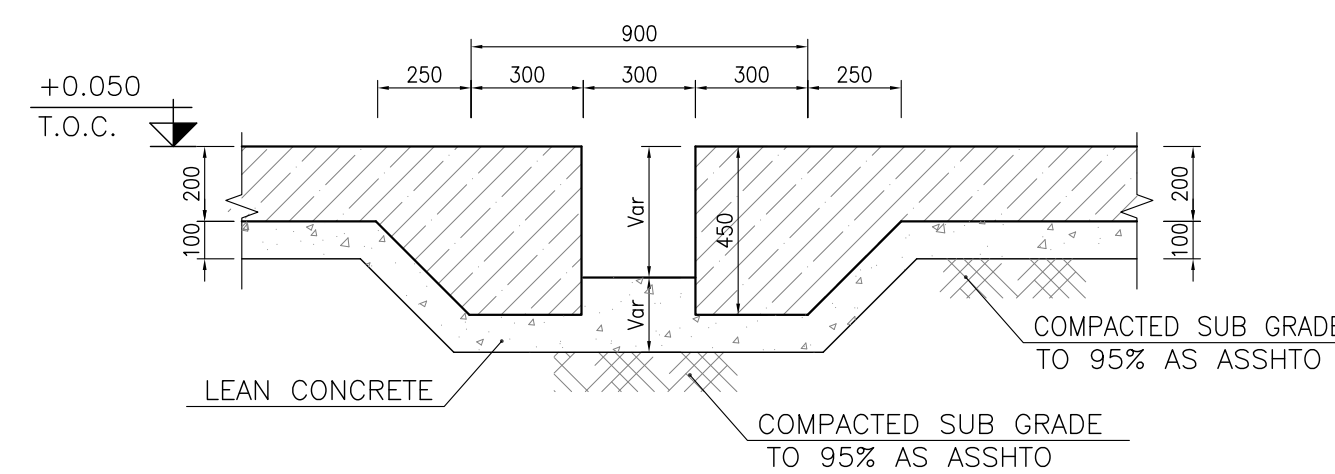
1:20  TYPICAL CHANNEL SECTION
IN BOUNDARY SIDE



1:20  TYPICAL CHANNEL SECTION
IN BOUNDARY SIDE



1:20  TYPICAL CHANNEL SECTION
IN MIDDLE SIDE



1:20  TYPICAL CHANNEL SECTION
IN MIDDLE SIDE

D03	MAY.2022	IFA	R. BERLOUZI	M.FAKHARIAN	M.MEHRSHAD ***
D02	MAR.2022	IFA	R. BERLOUZI	M.FAKHARIAN	M.MEHRSHAD **
D01	NOV.2021	IFA	R. BERLOUZI	M.FAKHARIAN	M.MEHRSHAD **
D00	OCT.2021	IFC	R. BERLOUZI	M.FAKHARIAN	S.H.GHALIKAR *
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 CONTRACT

 **HIRGAN
ENERGY** 

**HIRGAN ENERGY - DESIGN & INSPECTION
COMPANIES**

EPD/EPC CONTRACTOR(GC):	
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PETROIRAN
DEVELOPMENT
COMPANY

DRAWING TITLE:	CIVIL AND STRUCTURAL DRAWINGS-W028S WELLPAD AND RIG FOUNDATION DETAILS & SECTIONS
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SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002	02 OF 41	D03	053-073-9184	F	4	2	707548	2	D03

- NOTES**
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SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
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ELLIPSOID : WORLD GEOIDIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL

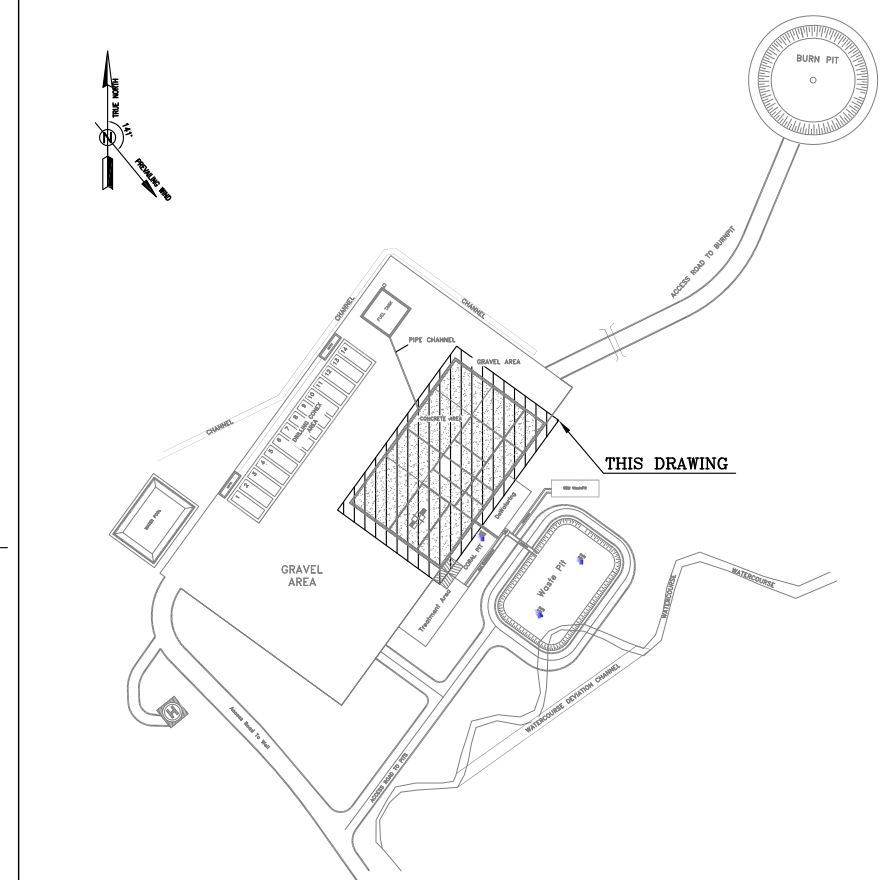
±0.00 = +31.00(R.G.L.)MSL

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

KEY PLAN

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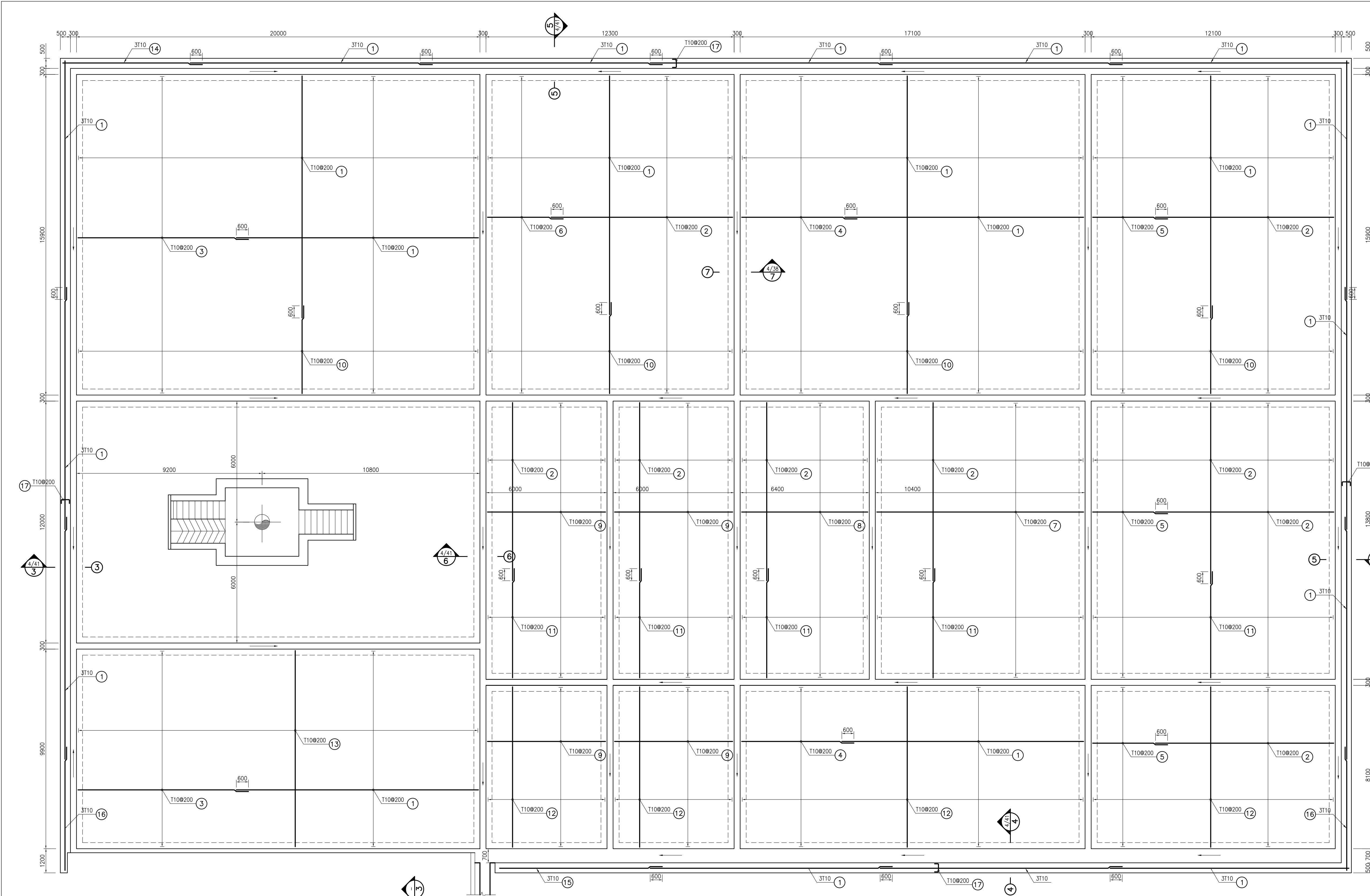
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH
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N.I.S.O.C./ FIELDS

	BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES
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DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.
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NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

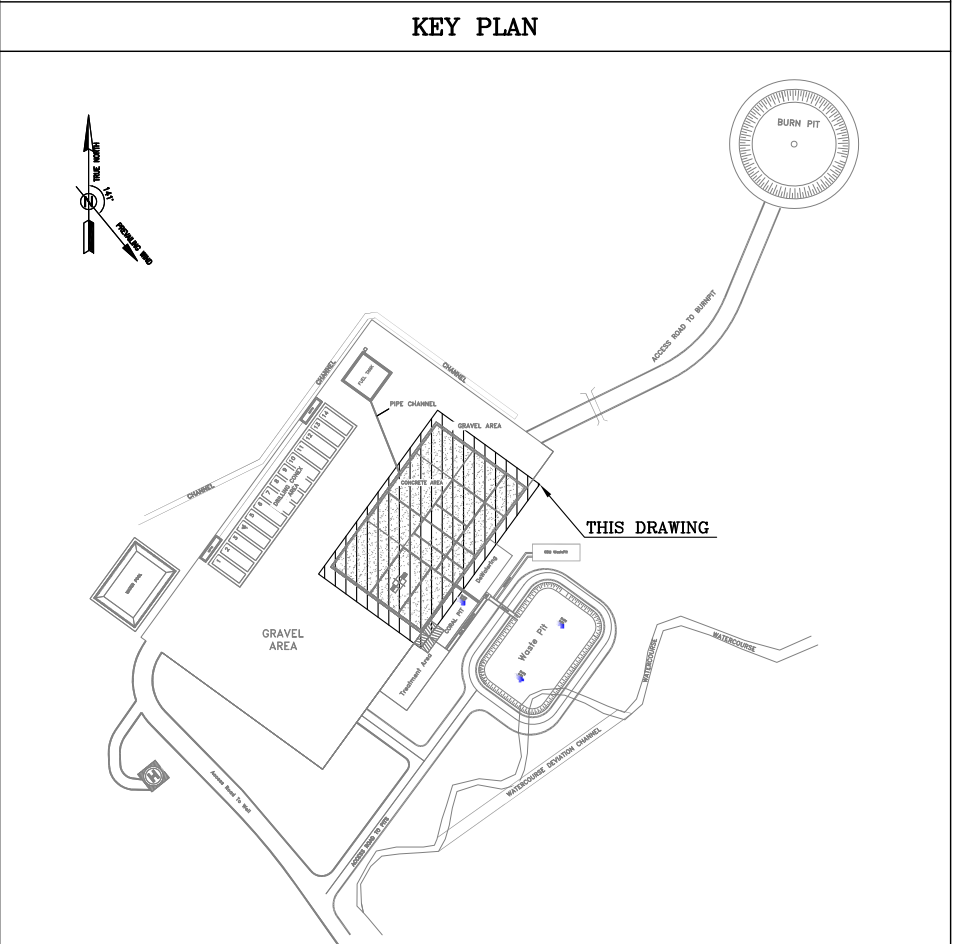
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BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	2	707548	2	D03



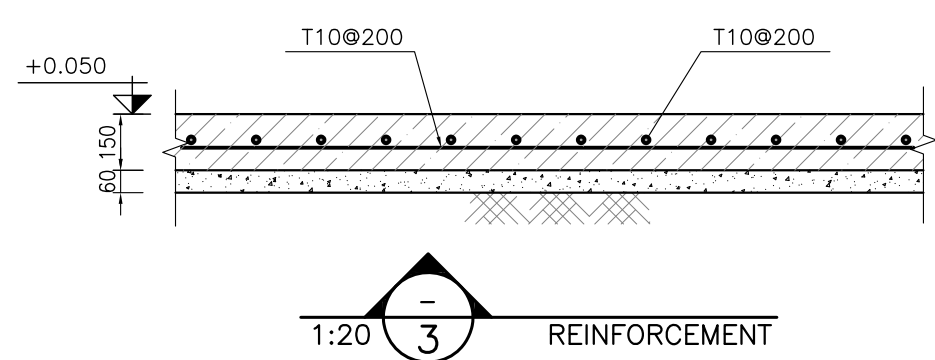
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GLOSS : DULL
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ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
- ±0.00 = +31.00(R.G.L.)MSL

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

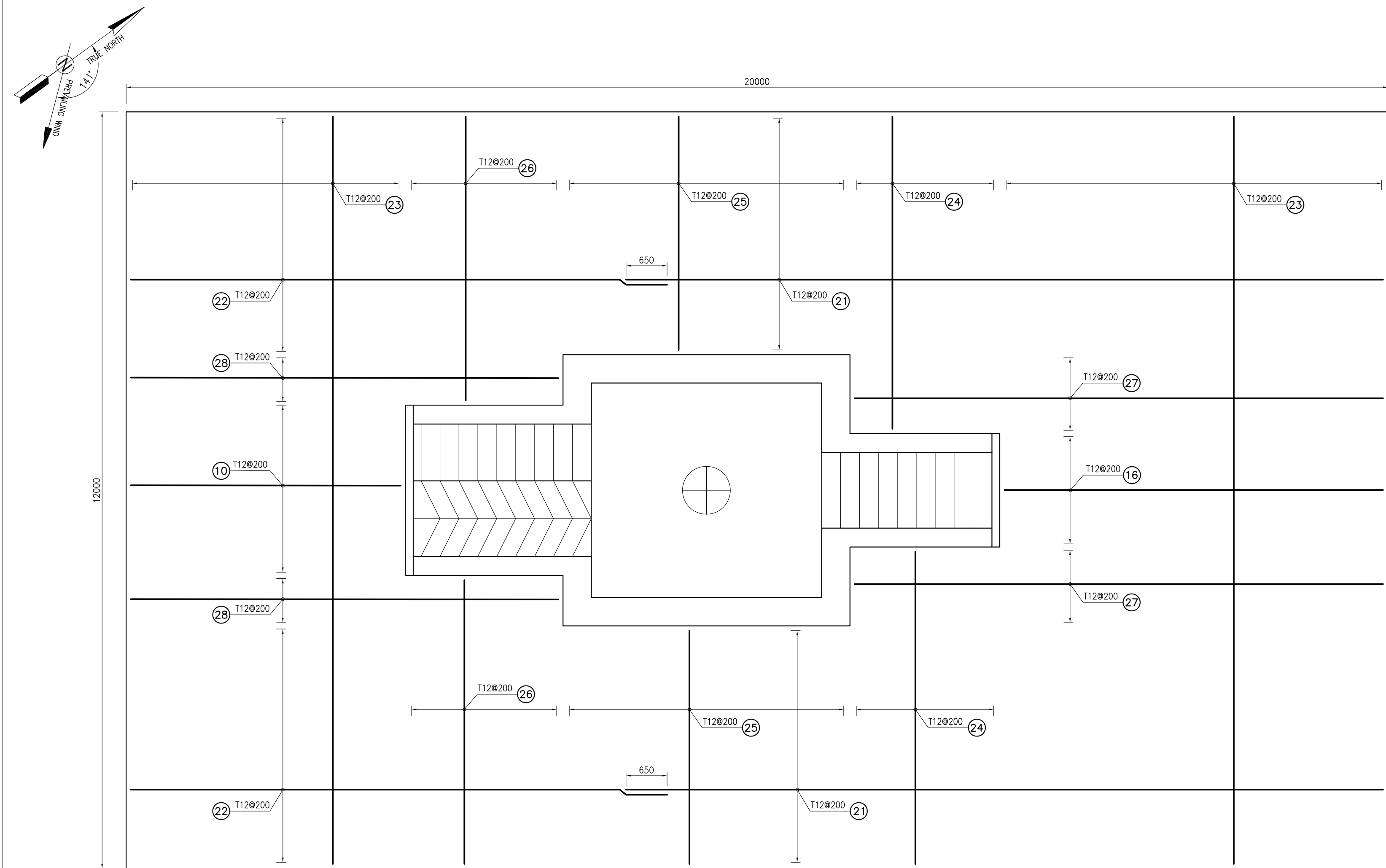


1:100 **1** WELLPAD FOUNDATION PLAN REINFORCEMENT

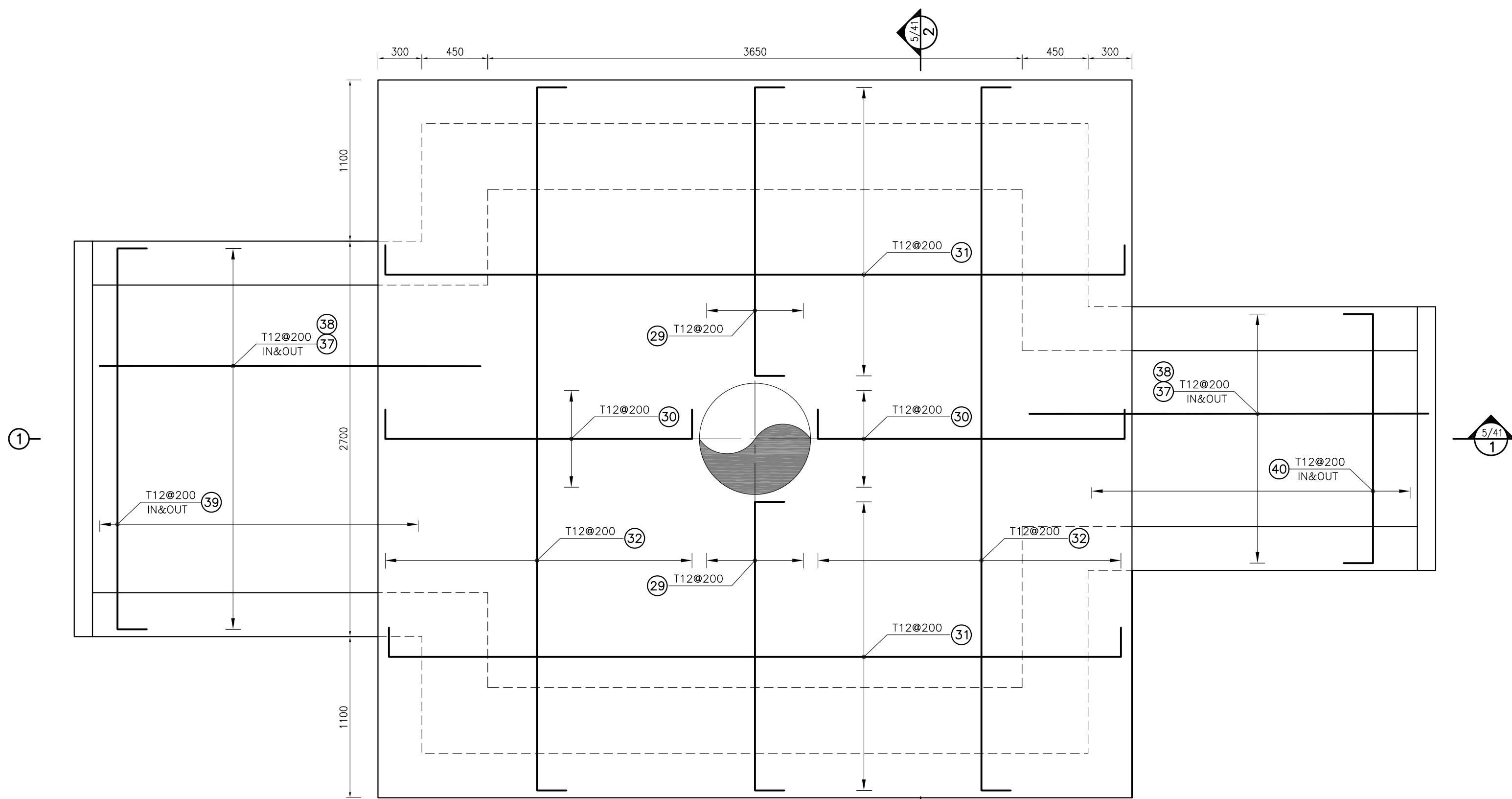


1:100 **2** DEWATERING FORMWORK PLAN REINFORCEMENT

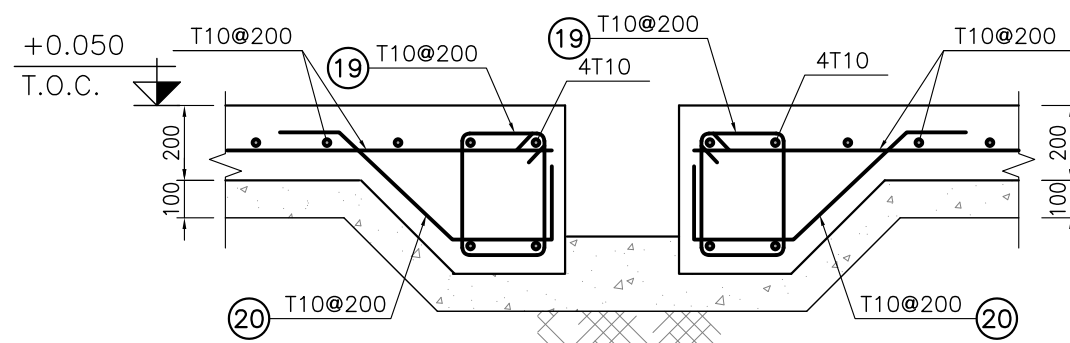
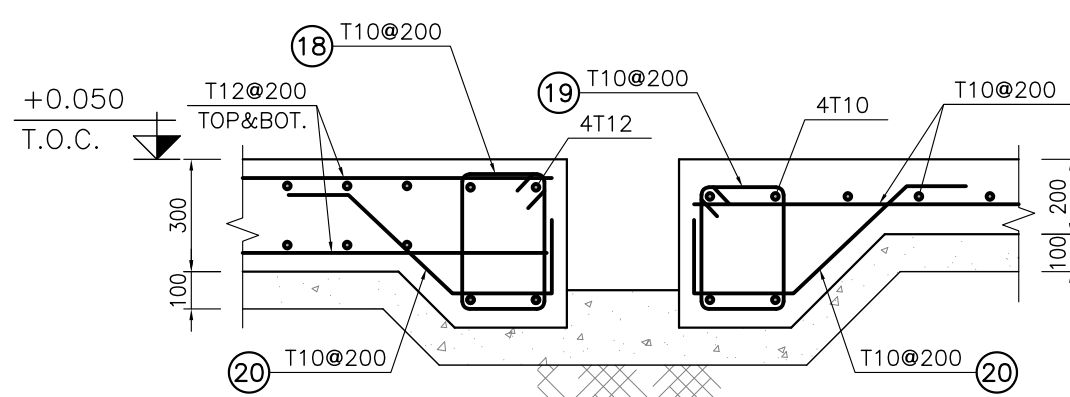
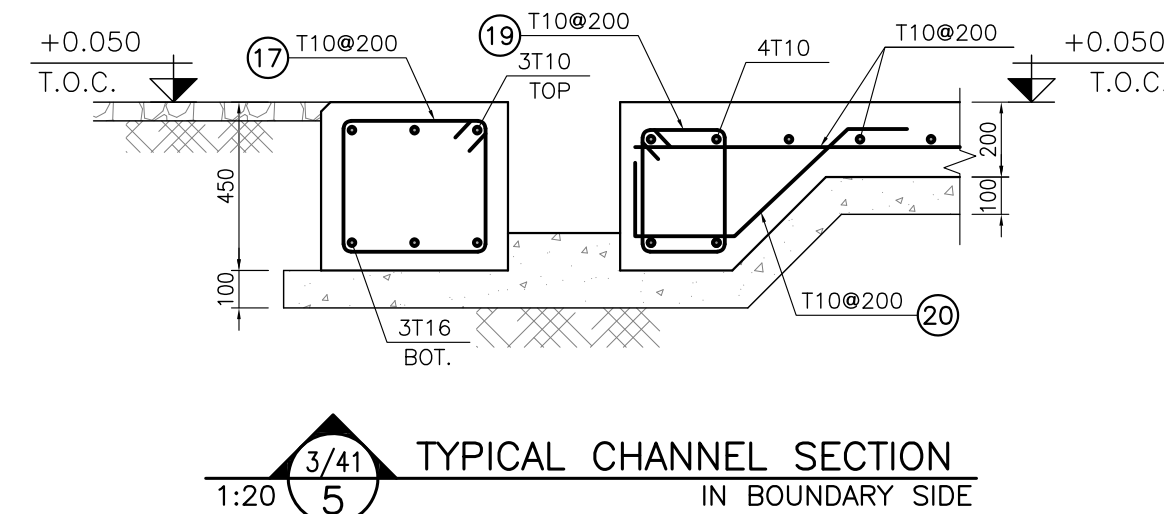
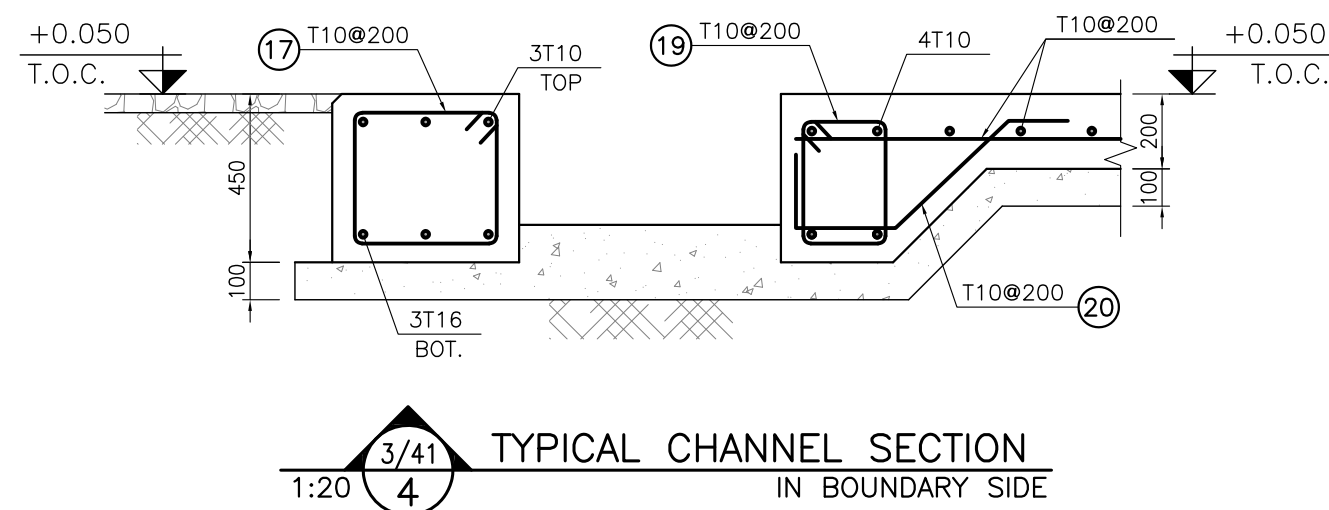
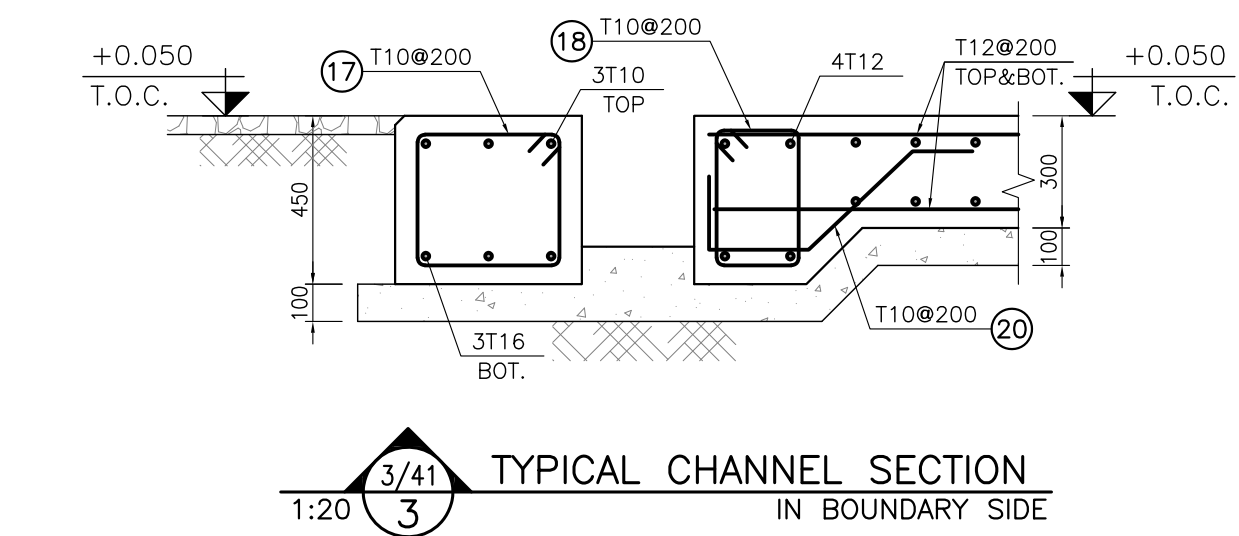
DO3	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***																	
DO2	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***	***	*****	***	***	***	***	***	***	***								
DO1	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***	REV.	DESCRIPTION	BY	DATE	BY	DATE											
DO0	OCT.2021	IPC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	***			CHECKED		REV. APPR.												
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کليه نسخ این نقشه و هر اقتباسی متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.																
PROJECT NAME:							BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES											THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS					
PROJECT NO.:							971020																
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):				BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES																
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY				DATE									SCALE		DRAWING BY		CHECKED BY		PROJECT ENG.	
DRAWING TITLE:							CIVIL AND STRUCTURAL DRAWINGS-W028S WELLPAD FOUNDATION REINFORCEMENT PLAN									NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED							
							APPROVED FOR CONSTRUCTION							BY:		DATE:							
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION										
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			03 OF 41	D03	053-073-9184	F	4	2	707548	3	D03										



1:50 (1) RIG FOUNDATION REINFORCEMENT PLAN
TOP & BOTTOM



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

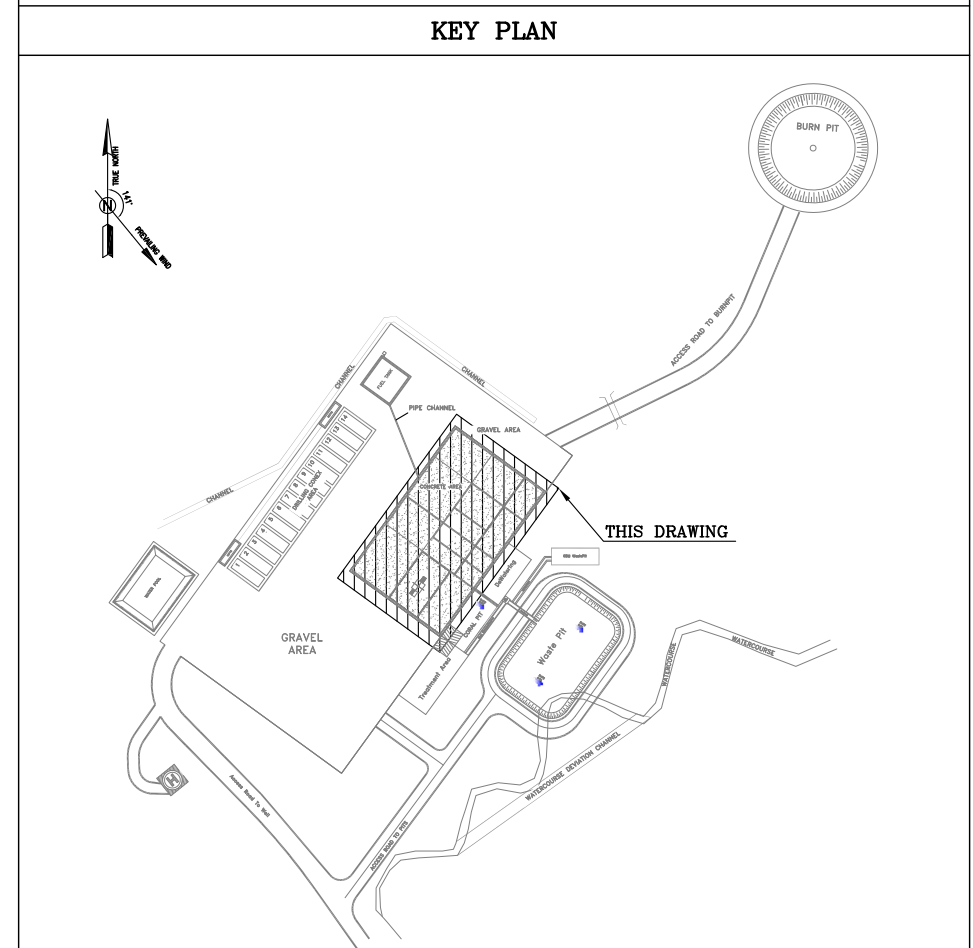


1:20 (3/41) 7 TYPICAL CHANNEL SECTION
IN MIDDLE SIDE

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STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040

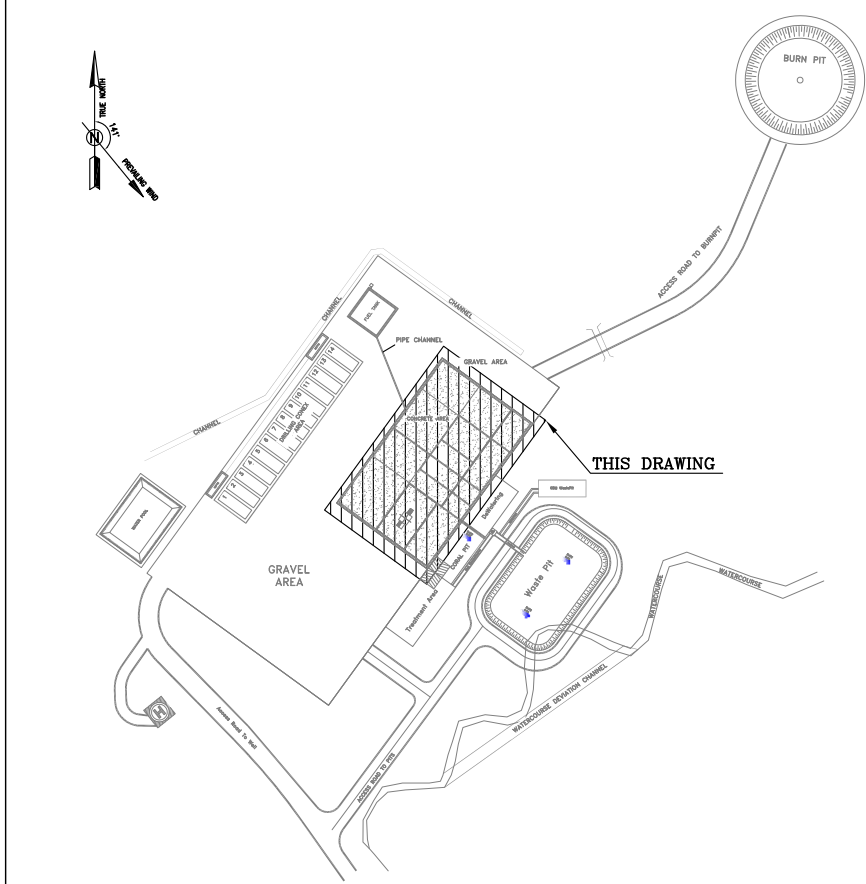


DO3	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***							
DO2	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***	***	*****	***	*****	***	***	***
DO1	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***	REV.	DESCRIPTION	BY	DATE	BY	DATE	
DO0	OCT.2021	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	***			CHECKED		REV. APPR.		
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	احمل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.						
PROJECT NAME:							THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS						
PROJECT NO.:							971020						
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):				BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES						
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY										
							DATE		SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.	
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
CIVIL AND STRUCTURAL DRAWINGS-W028S RIG AND CELLAR FOUNDATION REINFORCEMENT-SECTIONS							APPROVED FOR CONSTRUCTION BY: DATE:						
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			04 OF 41	D03	053-073-9184	F	4	2	707548	4	D03

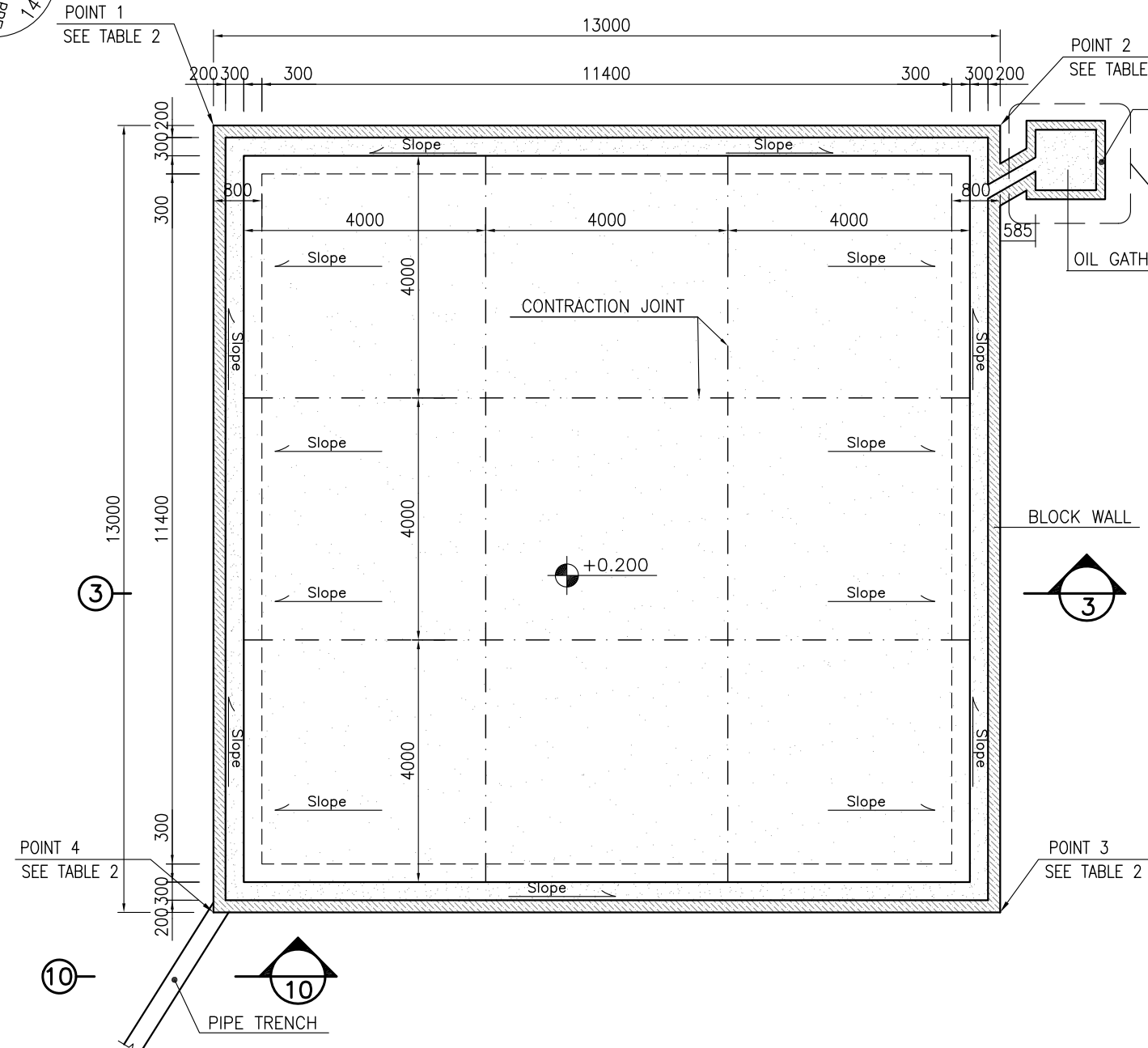
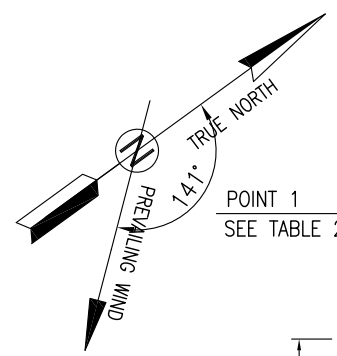
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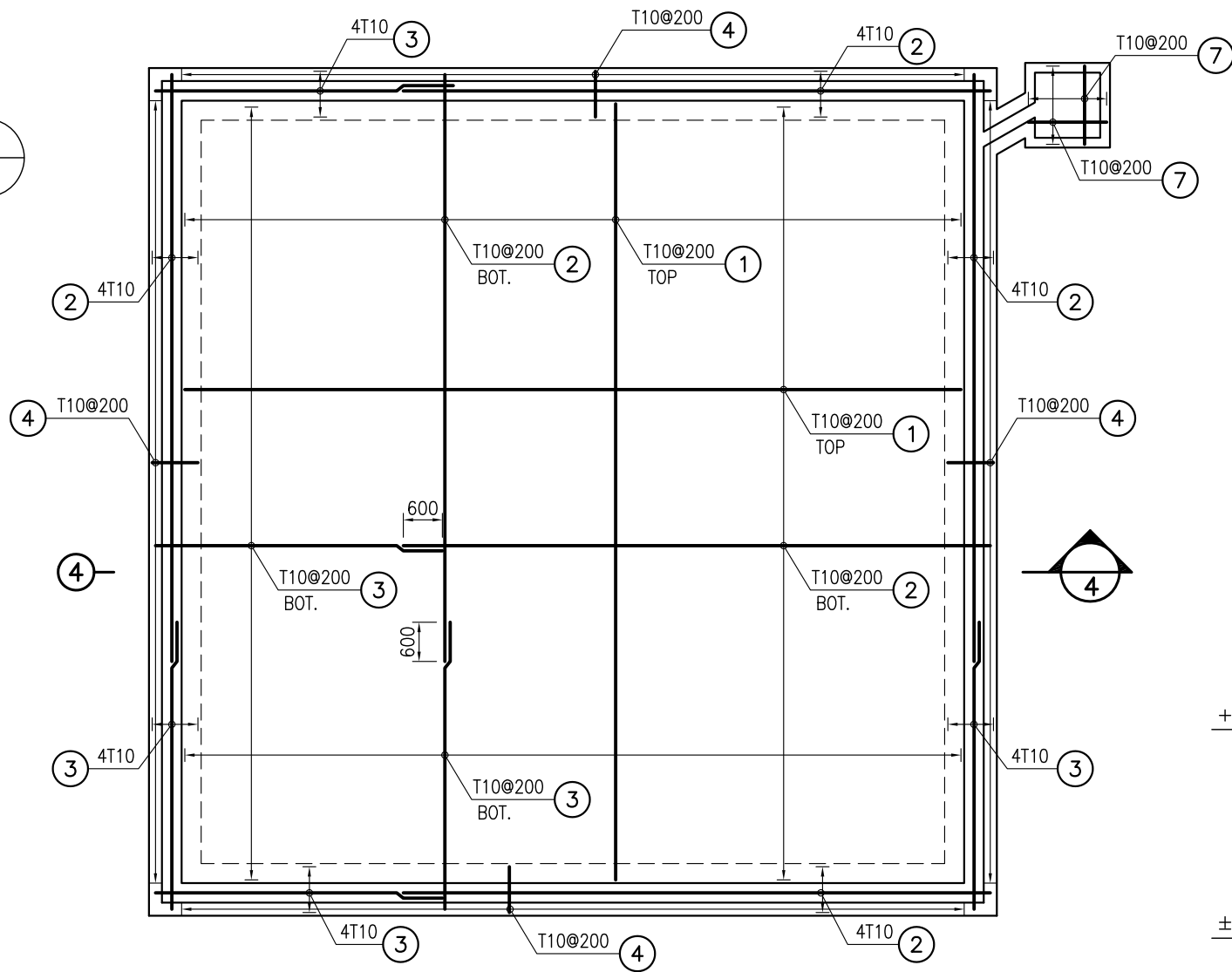
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***
D00	OCT.2021	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALKAR	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE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



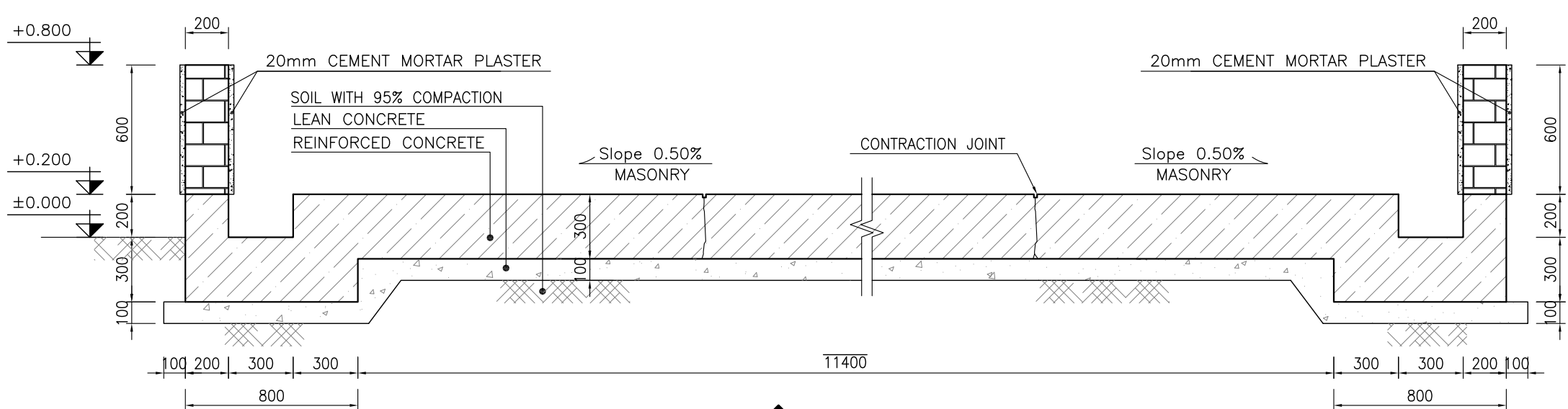
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REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
اصل و کاپیه نسخ این نقشه و اثر اقتباسی متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد. THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS					
BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES 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	2	707548	5 D03



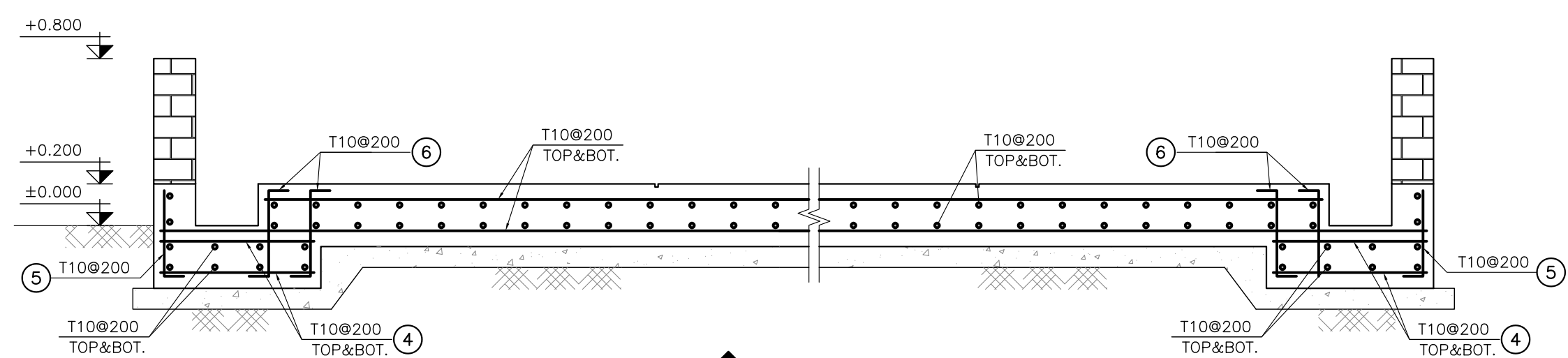
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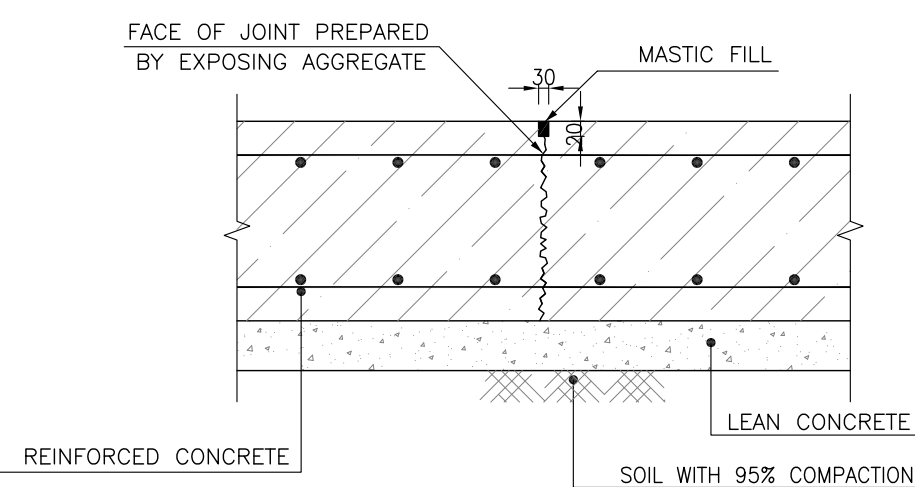
1:100 2 GAS OIL STORAGE FOUNDATION REINFORCEMENT



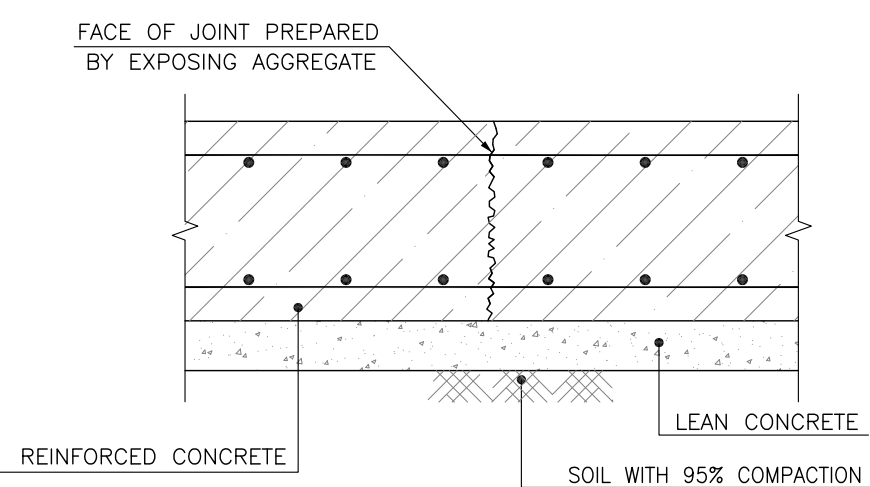
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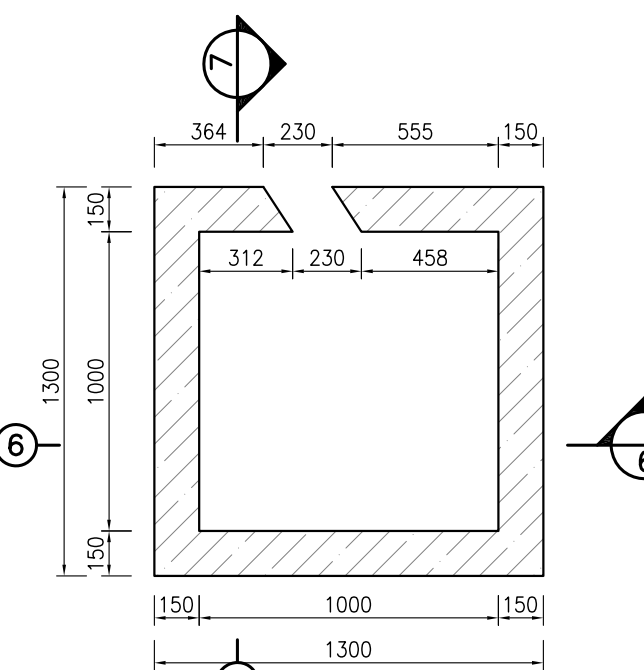
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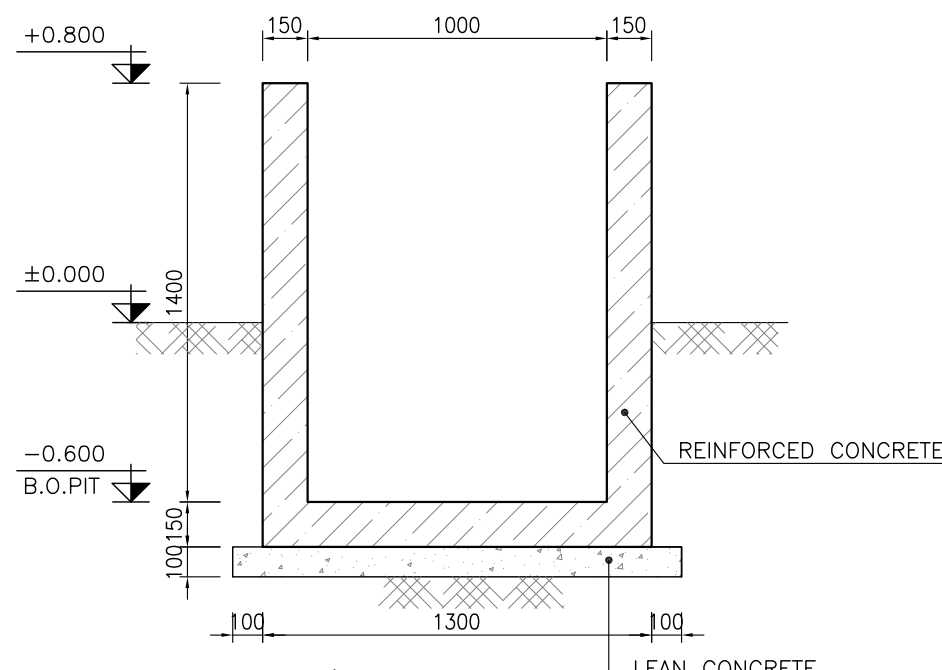
N.T.S. 11 TYPICAL CONTRACTION JOINT EVERY 4000



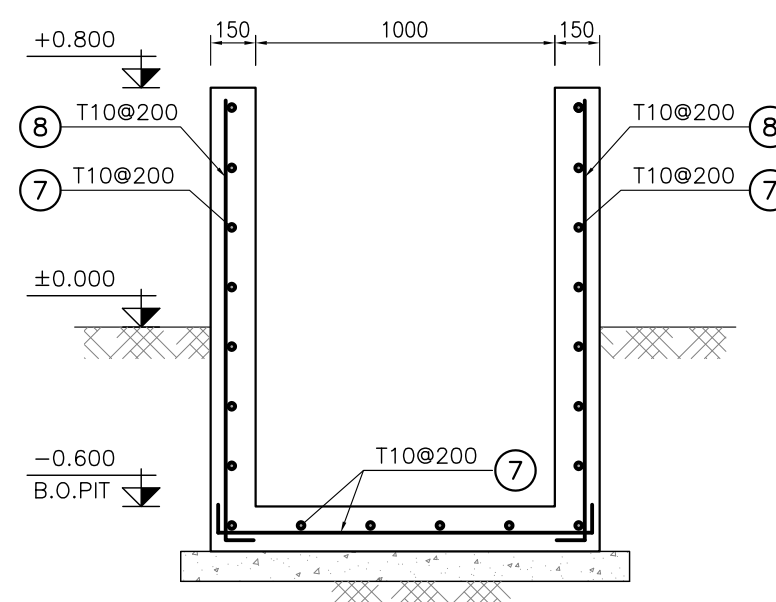
N.T.S. 12 TYPICAL CONSTRUCTION JOINT



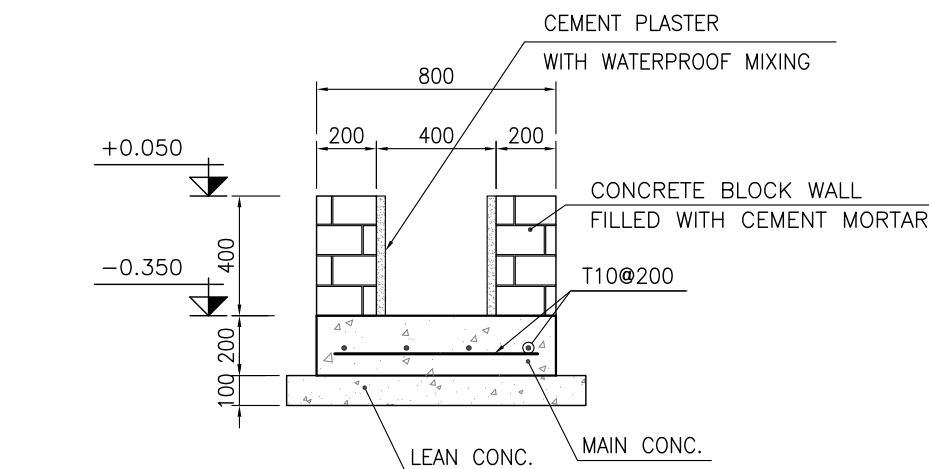
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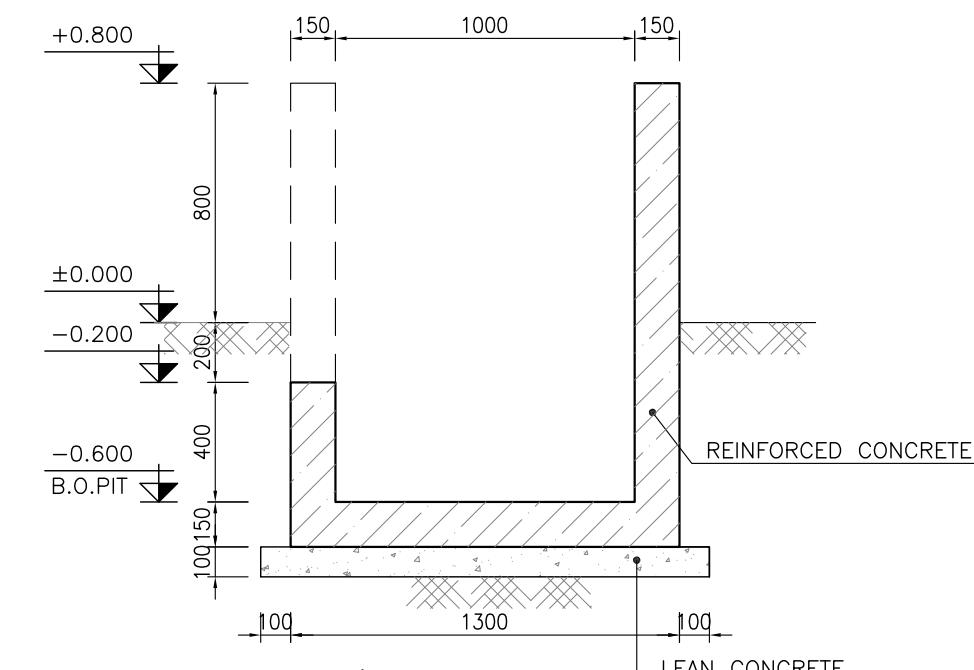
1:25 6 FORMWORK



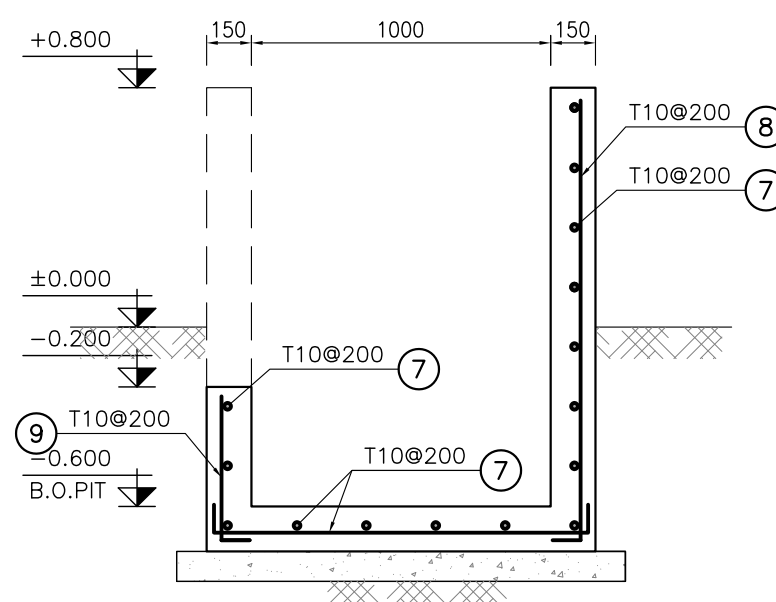
1:25 8 REINFORCEMENT



1:25 10 TYPICAL SECTION OF PIPE TRENCH



1:25 7 FORMWORK



1:25 9 REINFORCEMENT

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	0.50	240	120.00	
6	T10	150	0.65	480	312.00	
7	T10	1150	1.15	37	42.55	
8	T10	150	1.55	34	52.70	
9	T10	150	0.55	14	7.70	
TOTAL LENGTH OR AREA (m)					4188.20	
UNIT WEIGHT (Kg/m)					0.617	
WEIGHT (Kg)					2577.34	
GRAND TOTAL (Kg)					2580	

TABLE 2 (CORNERS COORDINATES)

POINT	E	N
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

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	**	REV.	DESCRIPTION	BY	DATE	BY	DATE	
D00	OCT.2021	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**			CHECKED		REV. APPR.		
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کاپیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.						
PROJECT NAME:							THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS						
PROJECT NO.:													
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):				BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES						
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY										
							DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.		
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
GAS OIL PAD FORMWORK & REINFORCEMENT PLAN-SECTION							APPROVED FOR CONSTRUCTION			BY:		DATE:	
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.		BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002		06 OF 41	D03		053-073-9184	F	4	2	707548	6	D03

NOTES

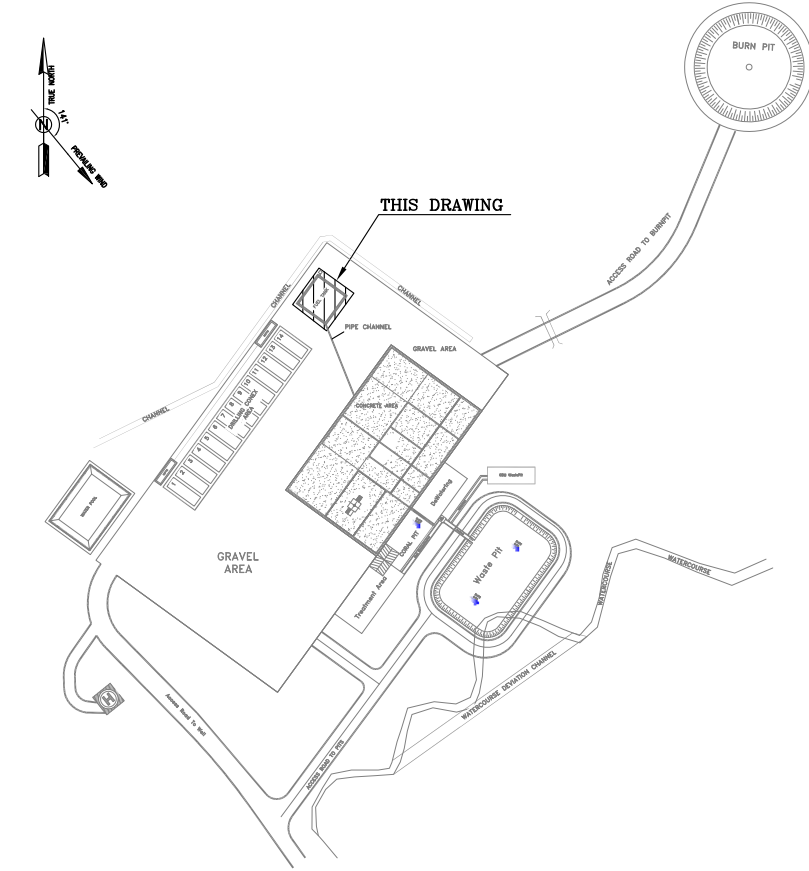
- 1- ALL COORDINATES ARE IN METER.
- 2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
- 3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
- 4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC 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

±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

KEY PLAN



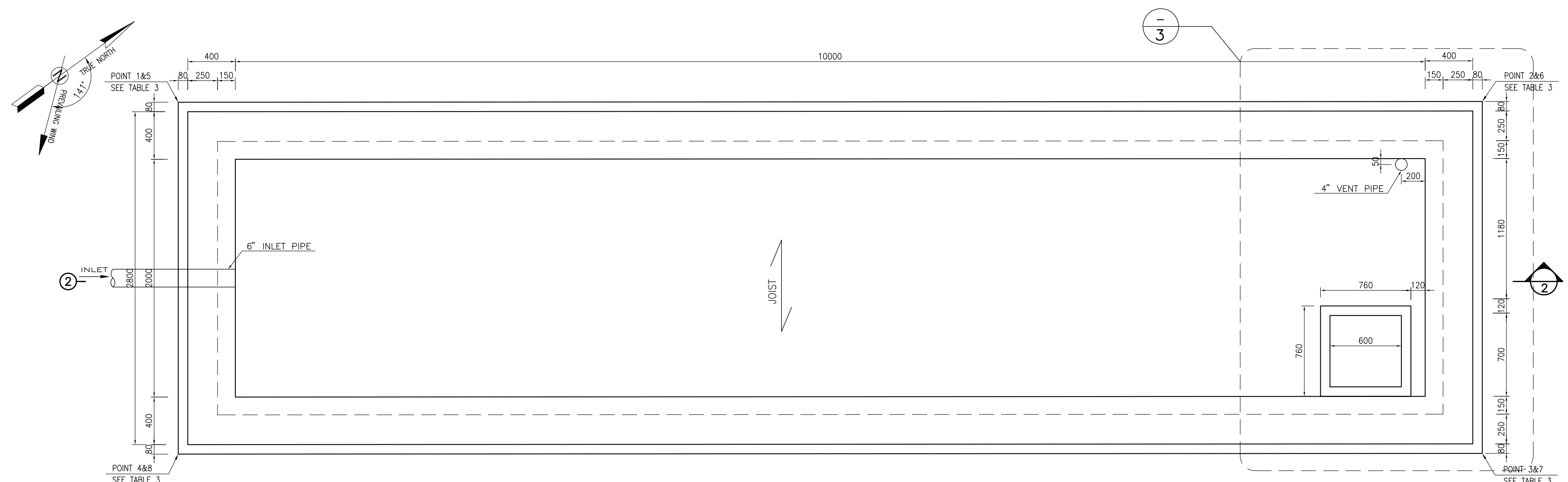
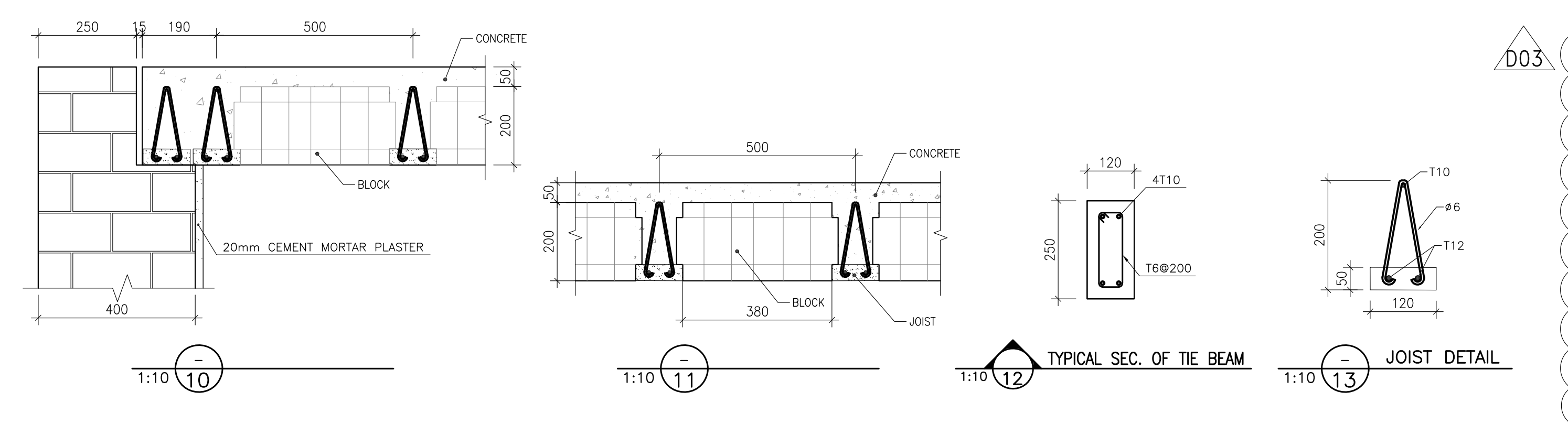
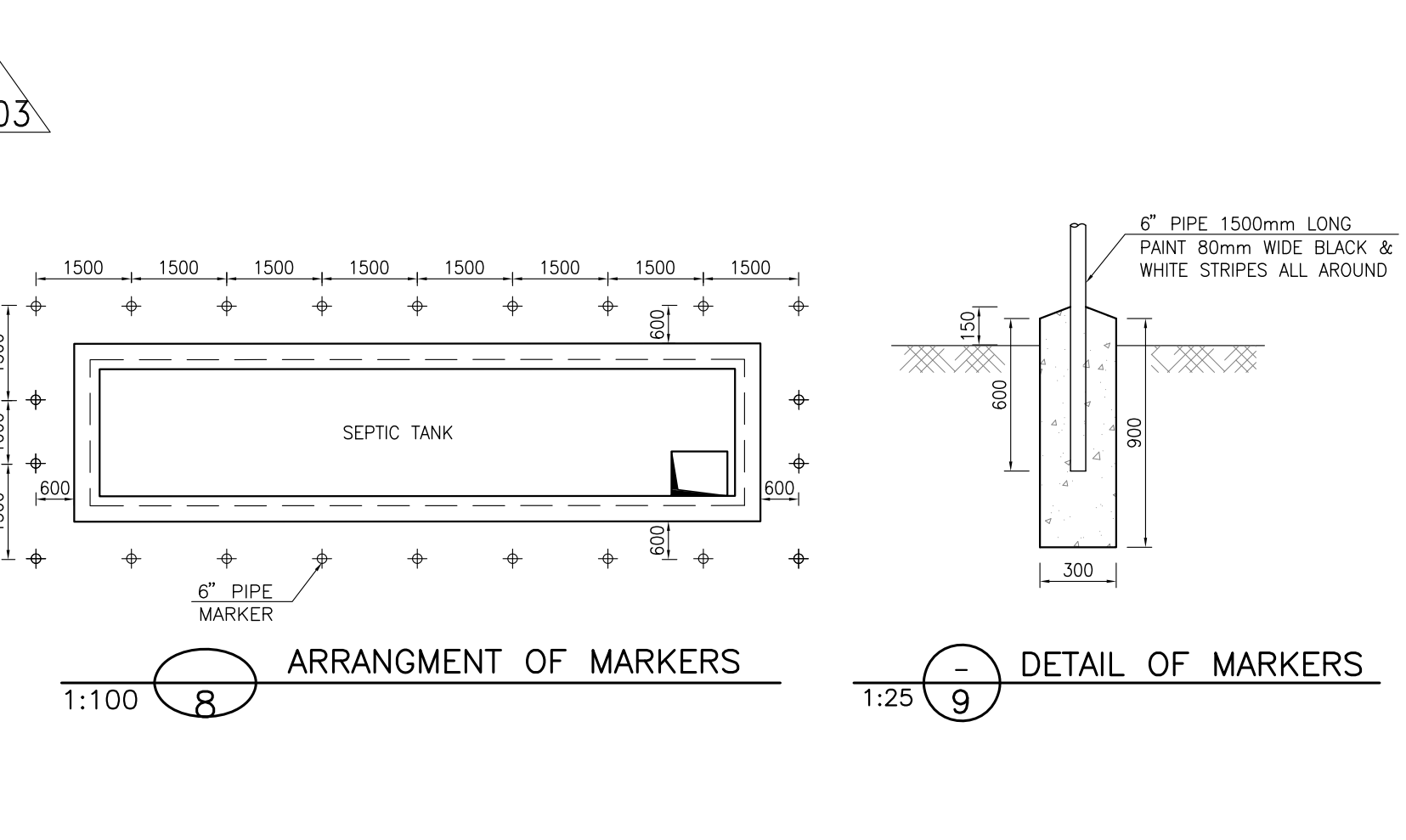
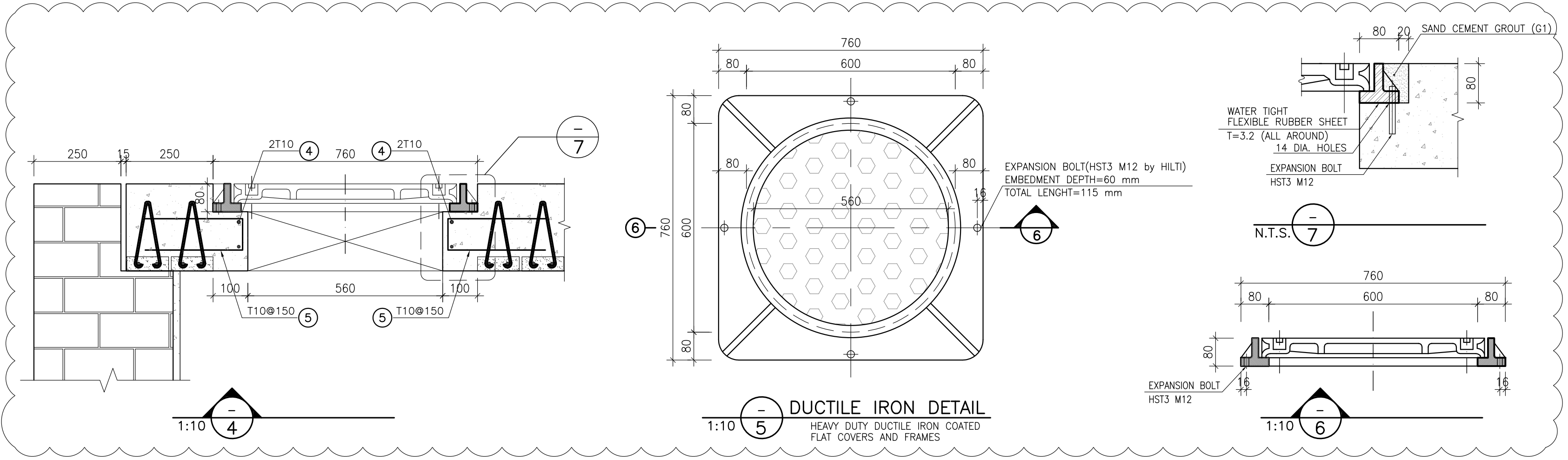
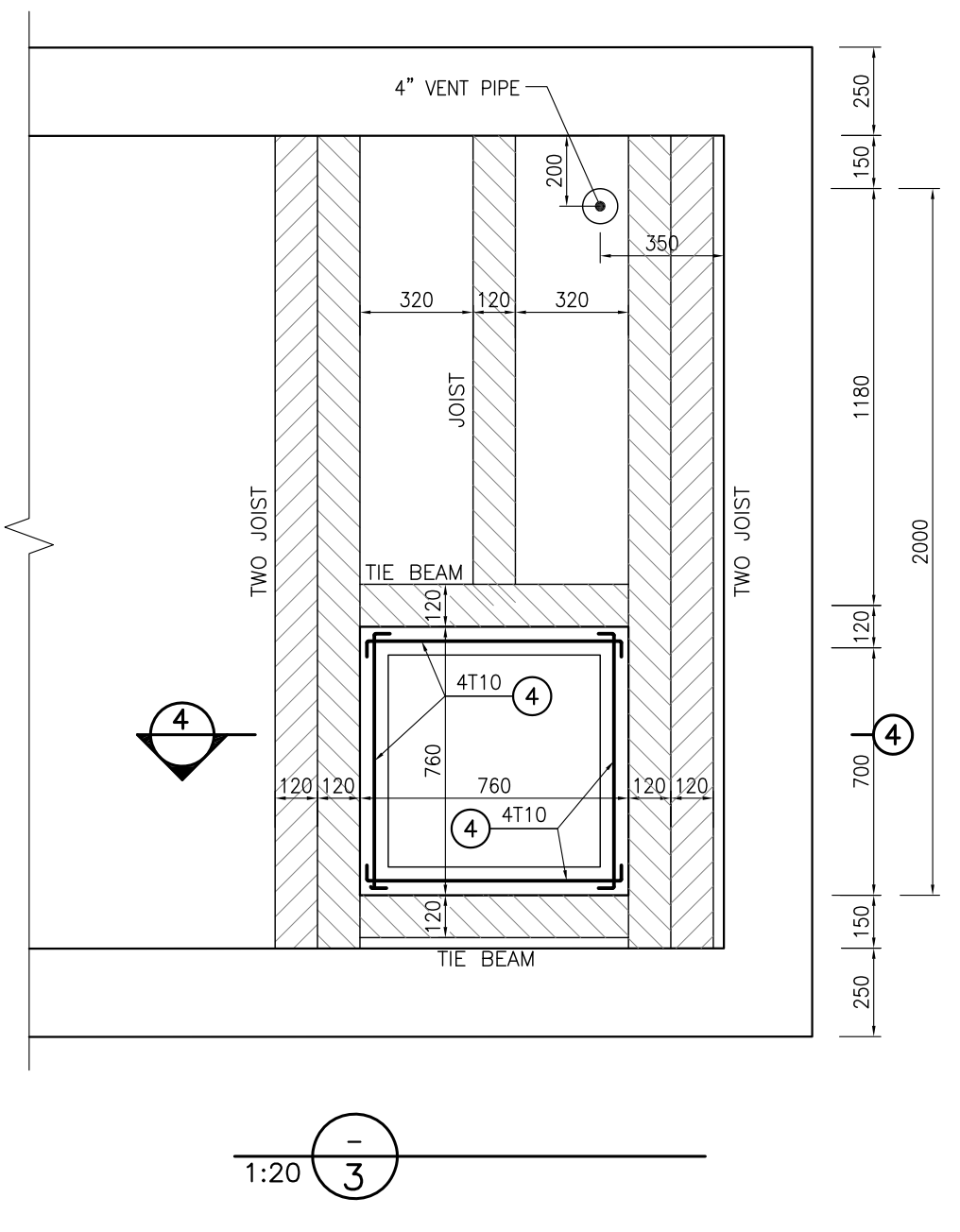
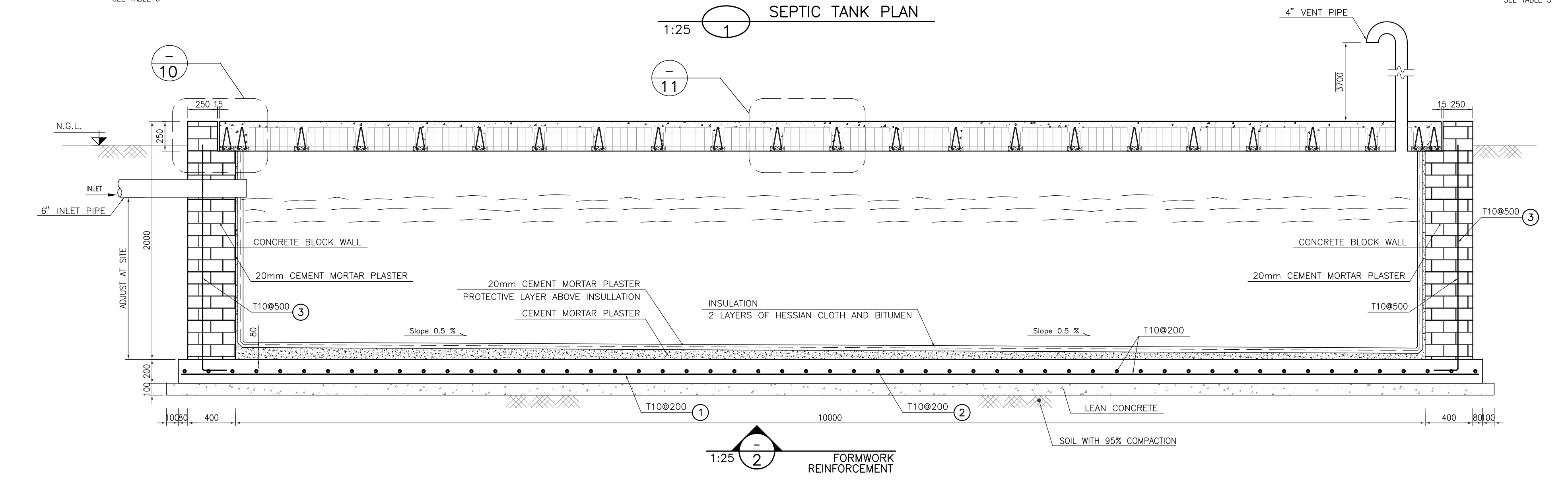


TABLE 3 (CORNERS COORDINATES)		
POINT 1	E=437090.383	N=3293148.353
POINT 2	E=437096.825	N=3293157.221
POINT 3	E=437099.219	N=3293155.480
POINT 4	E=437092.777	N=3293146.612
POINT 5	E=437054.638	N=3293099.141
POINT 6	E=437061.079	N=3293108.008
POINT 7	E=437063.473	N=3293106.267
POINT 8	E=437057.032	N=3293097.400

- 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
- ±0.00 = +31.00(R.G.L.)MSL

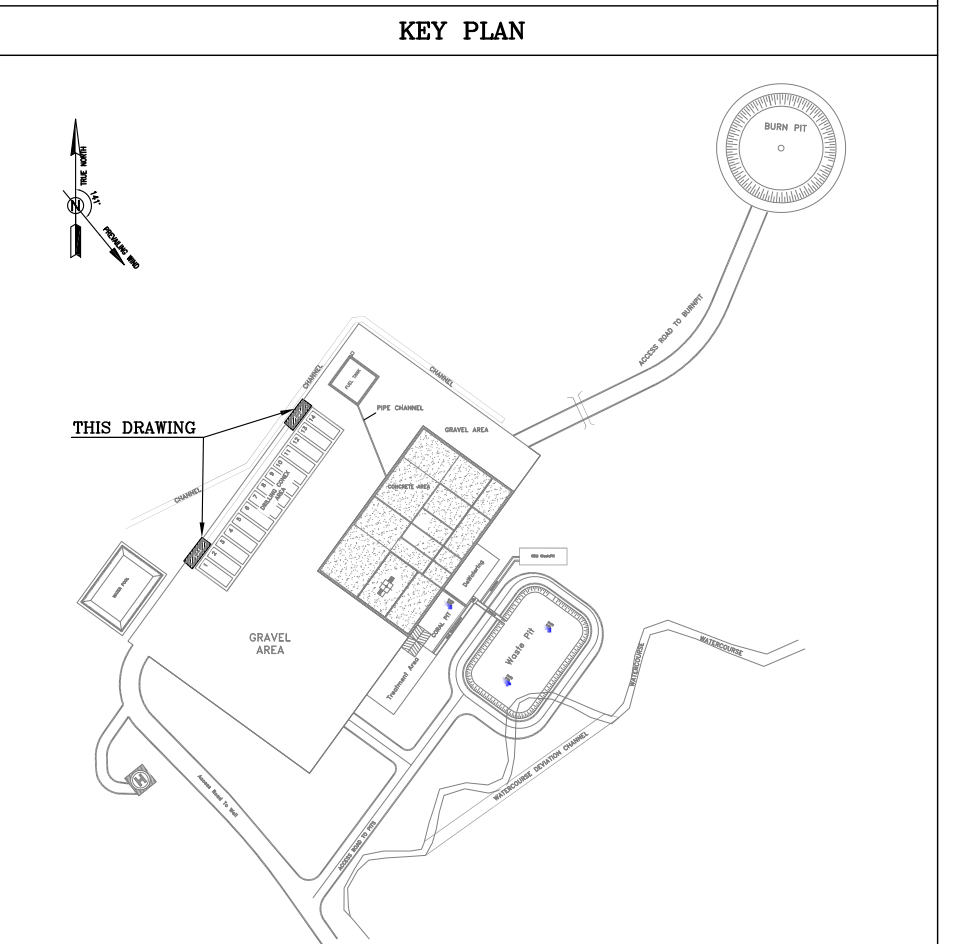
LEGEND AND ABBREVIATION		
	REINFORCED CONCRETE	T.O.F. TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W. TOP OF WALL
	CEMENT BLOCK WALL	T.O.C. TOP OF CONCRETE
	GRAVEL	T.O.PIT TOP OF PIT
	SUB GRADE	B.O.P. BOTTOM OF PIPE
	SLOPE	R.G.L. ROUGH GRADING LEVEL

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

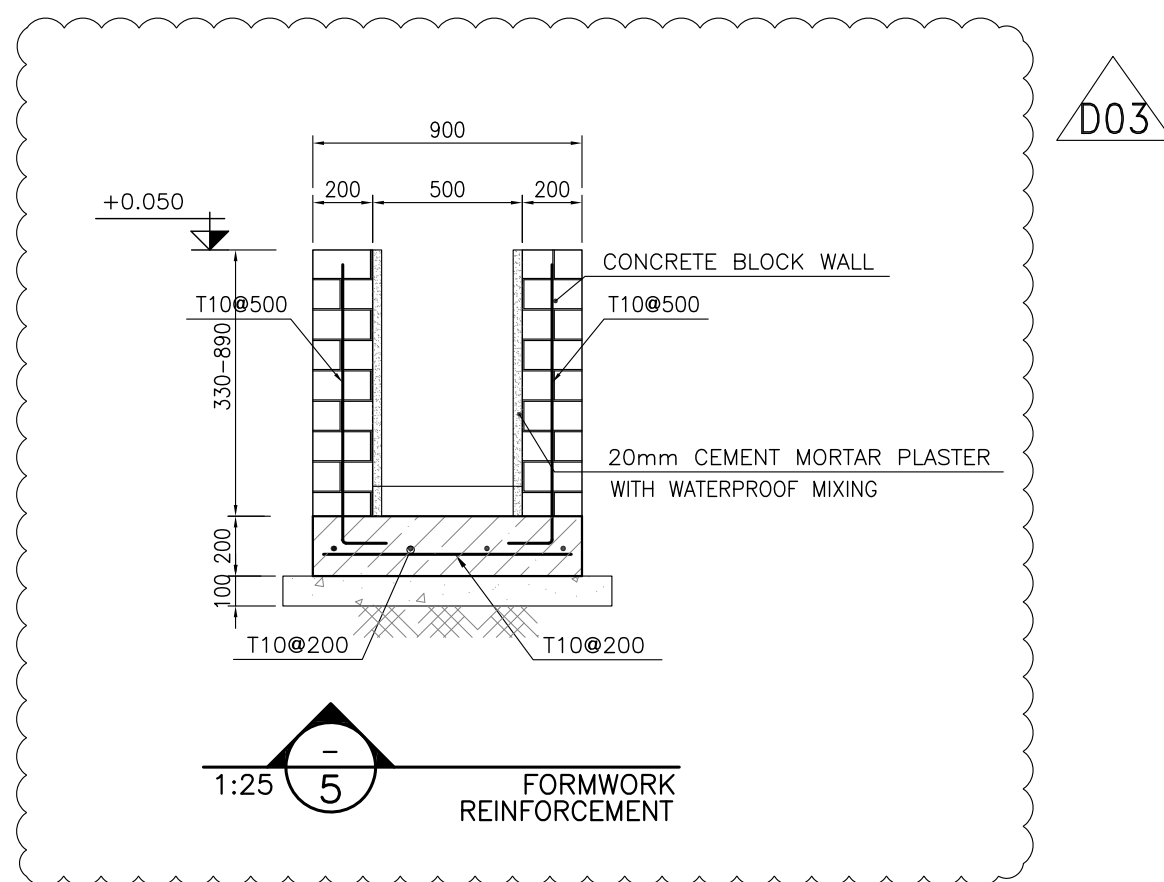
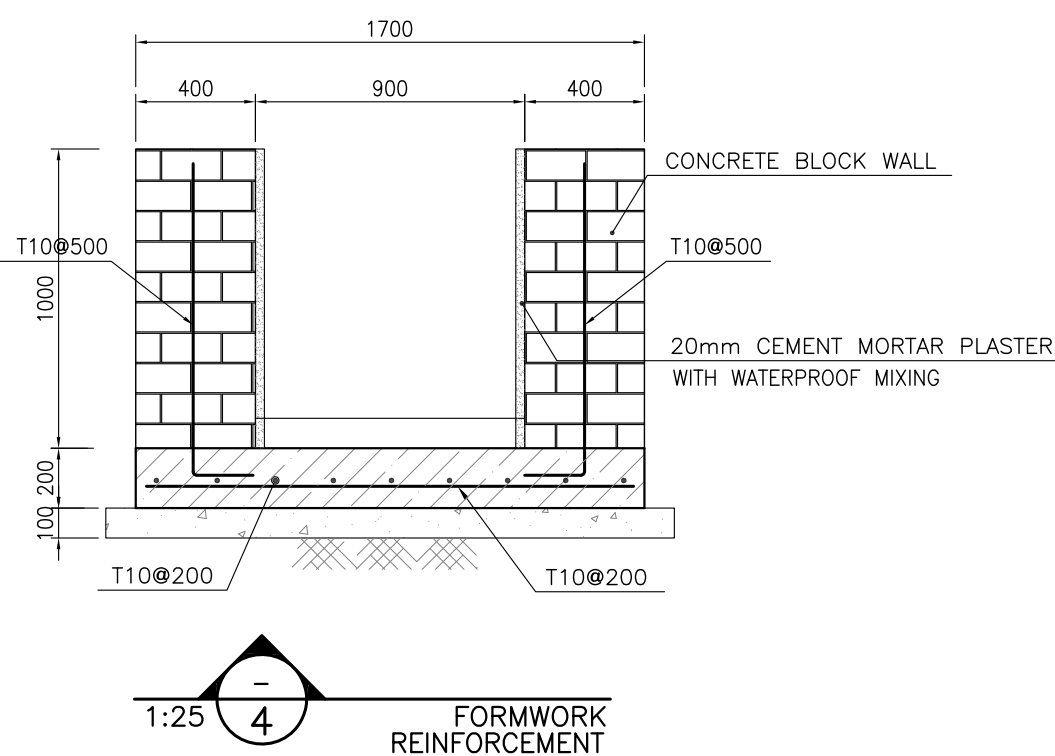
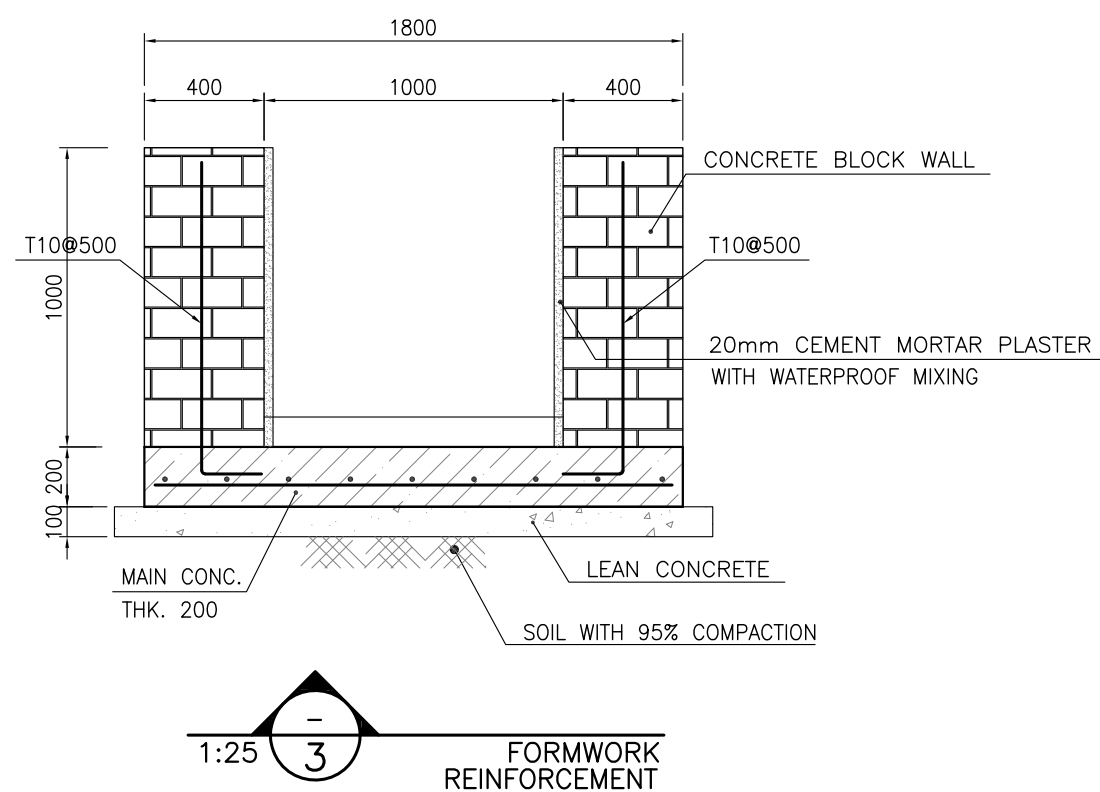
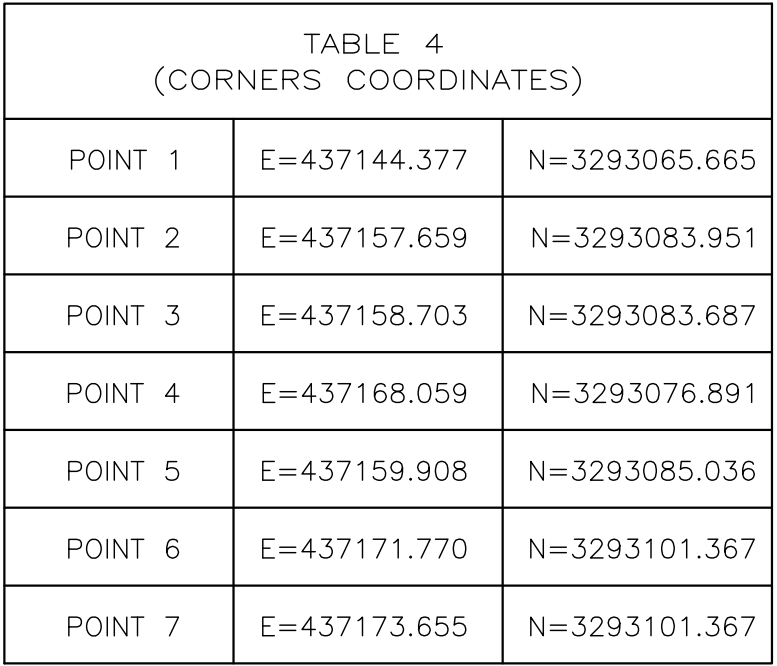


BAR BENDING SCHEDULE - SEPTIC TANK					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	10800	10.80	14	151.20
2	T10	2800	2.80	18	50.40
3	T10	150 2050	2.20	52	114.40
4	T10	150 600 150	0.90	8	7.20
5	T10	90 280 280	0.65	20	13.0
TOTAL LENGTH OR AREA (m/m ²)					336.20
UNIT WEIGHT (Kg)					0.617
WEIGHT (Kg)					207.44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

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.GHALIKAR	***
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 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 41	D03	



***	*****	***	*****	***	*****
REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
احمل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.					
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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	2	707548	7 D03



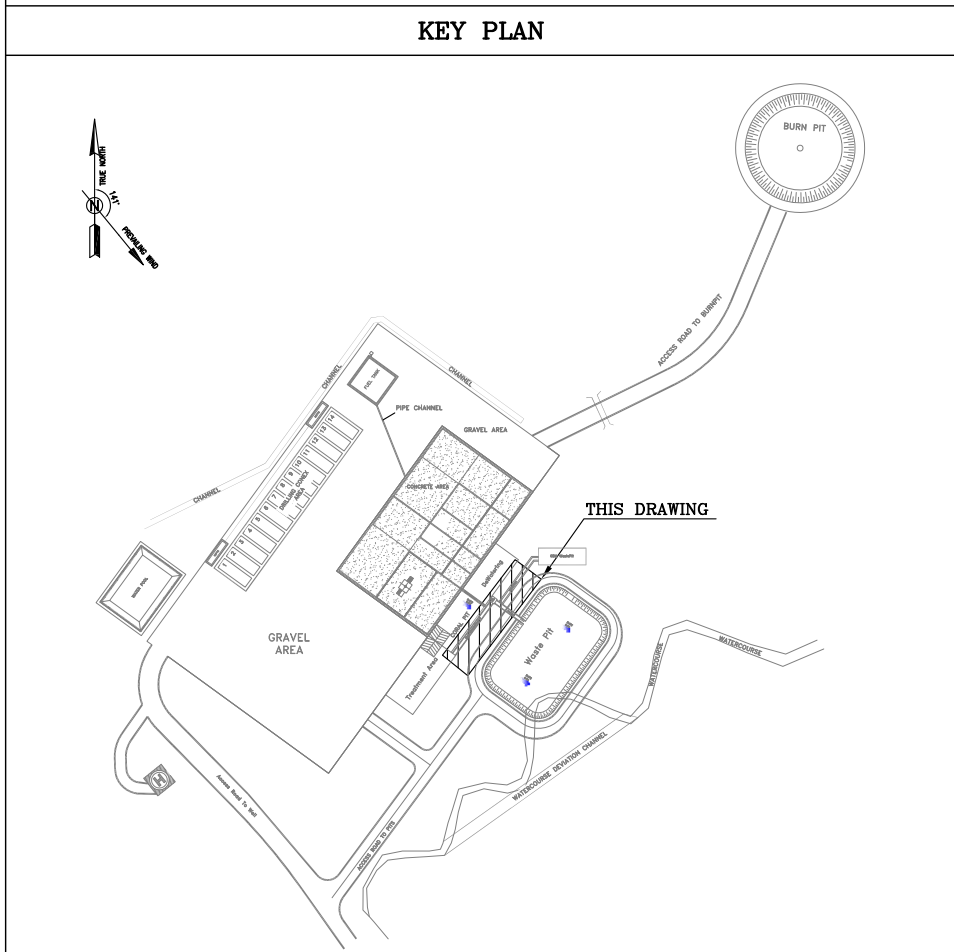
NOTES

- 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)
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- 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-SIMILAR POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS.
- 10- CONSTRUCTION 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

$$\pm 0.00 \pm +31.00(R.G.L.)MSL$$

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-PI-0001
ROUGH GRADING PLANS – W028	BK-W028-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0001
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040

[illegible]

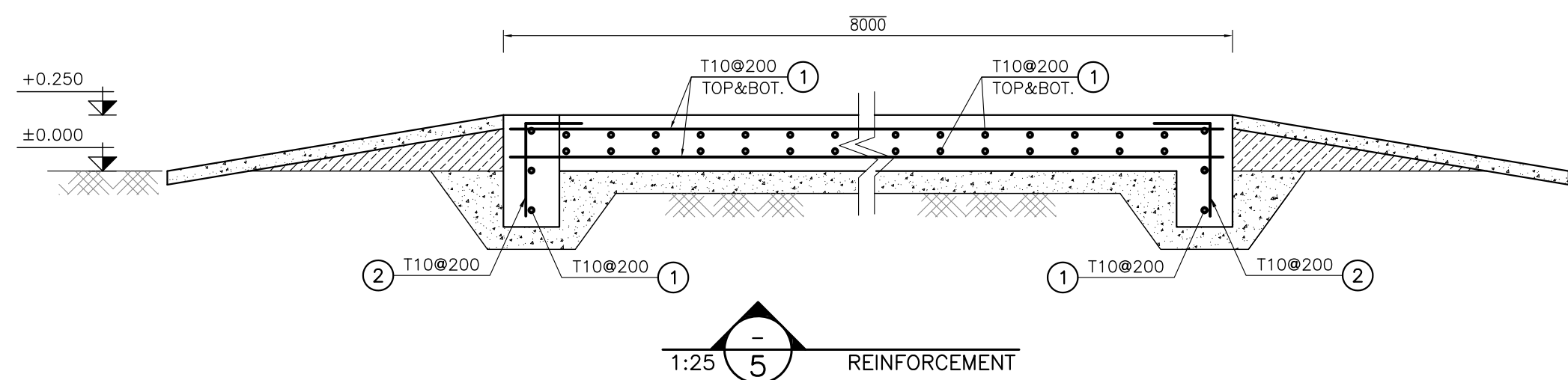
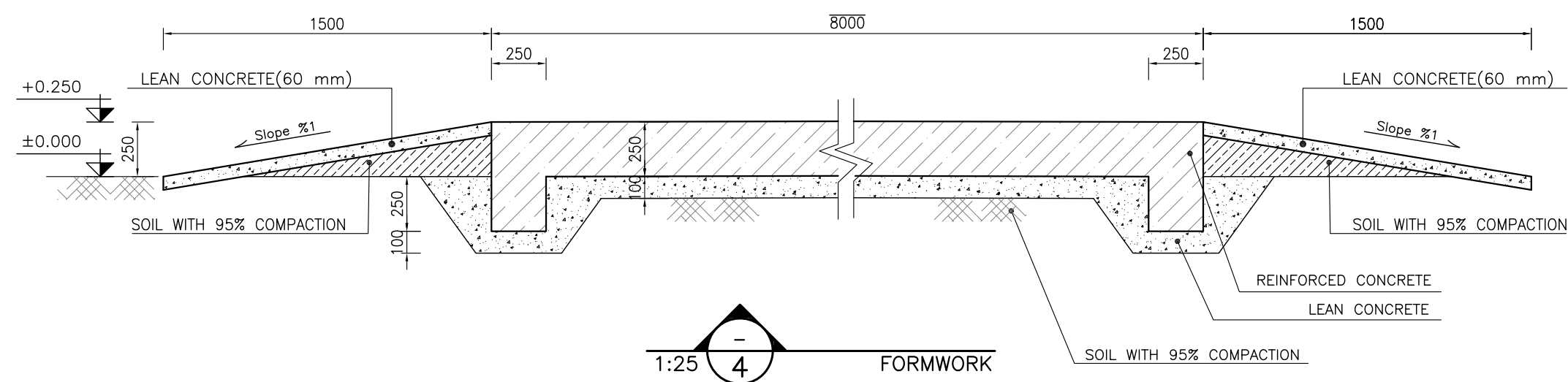
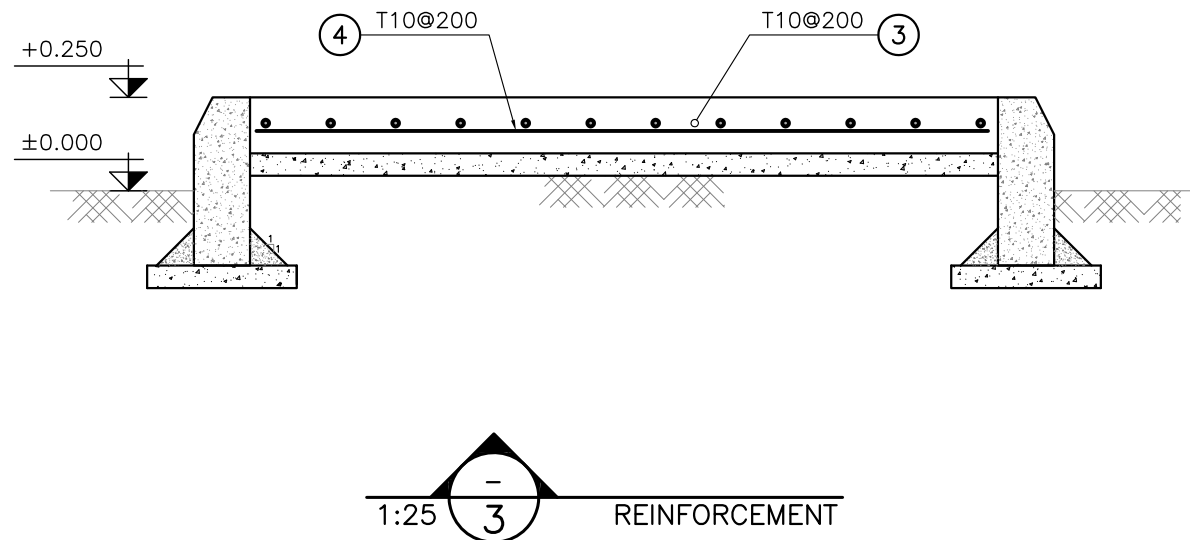
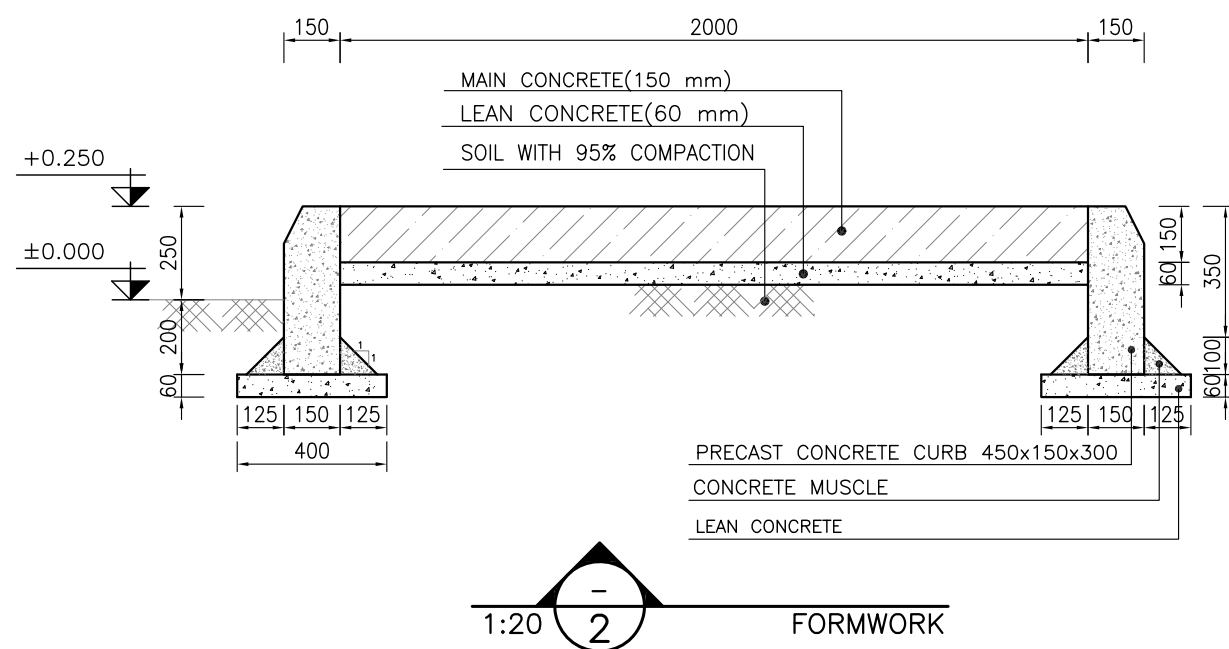
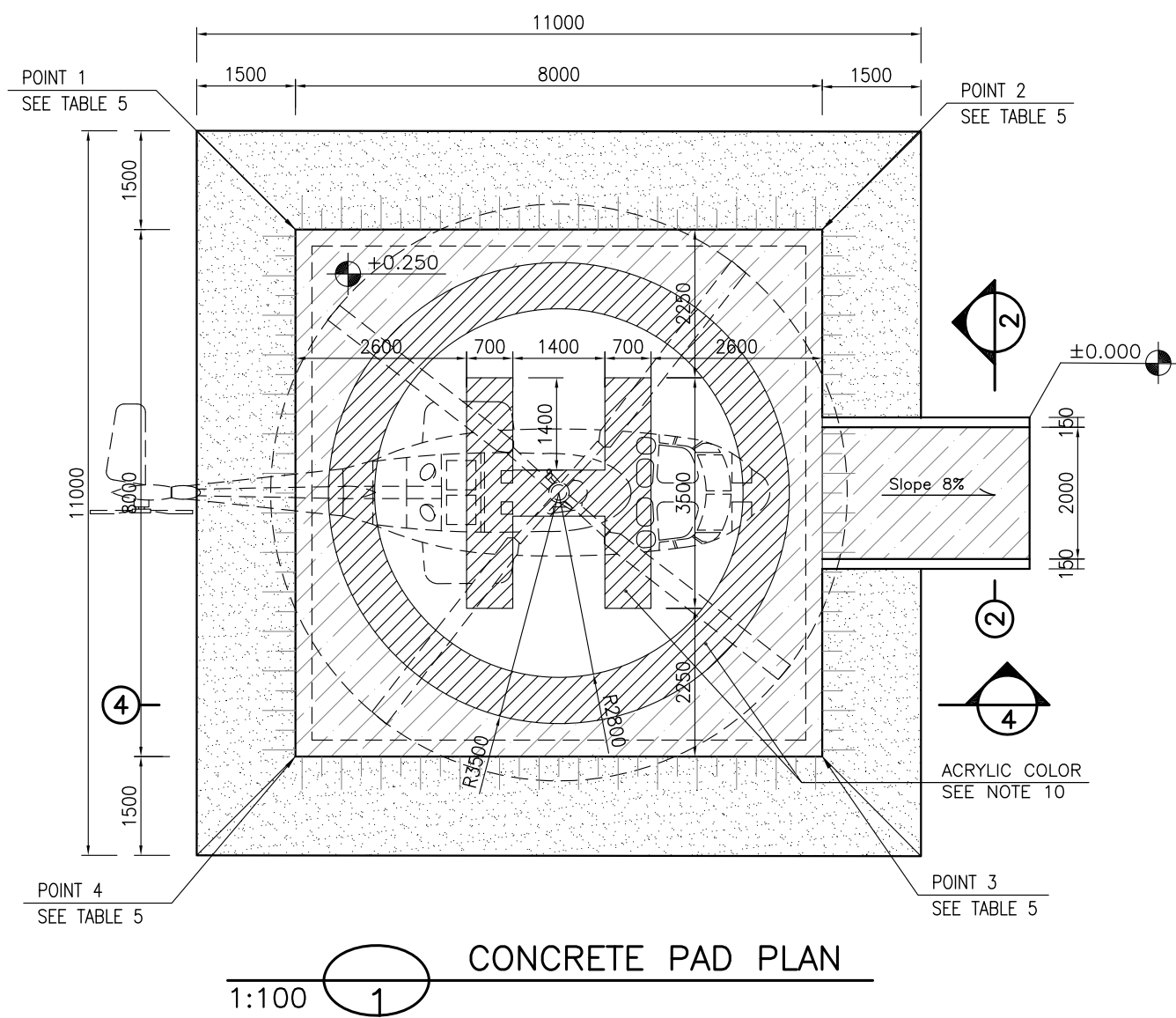
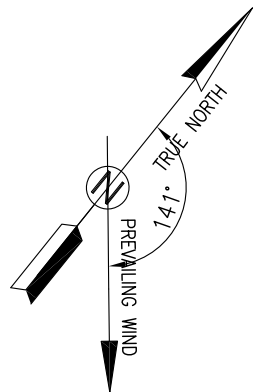


TABLE 5 (CORNERS COORDINATES)		
POINT 1	E=437032.963	N=3293022.272
POINT 2	E=437039.195	N=3293027.288
POINT 3	E=437044.212	N=3293021.057
POINT 4	E=437037.980	N=3293016.040

- NOTES**
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 - 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 WETTER-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

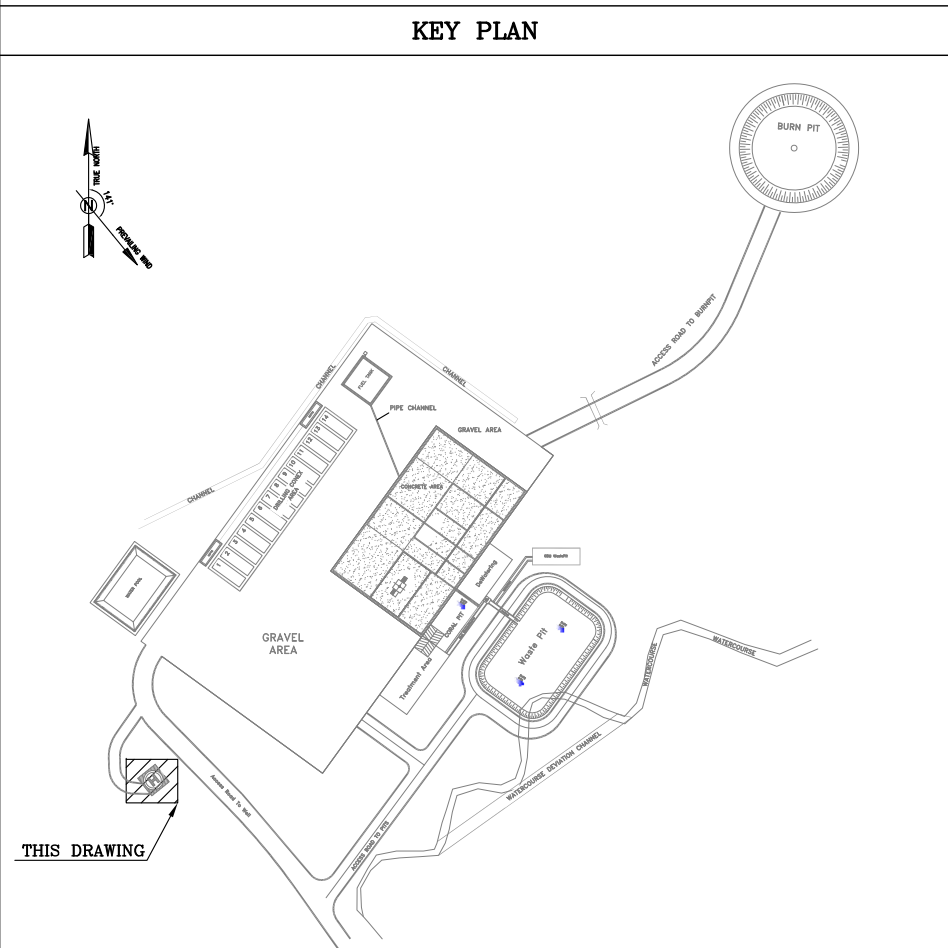
±0.00 = +32.00(R.G.L.)MSL

LEGEND AND ABBREVIATION

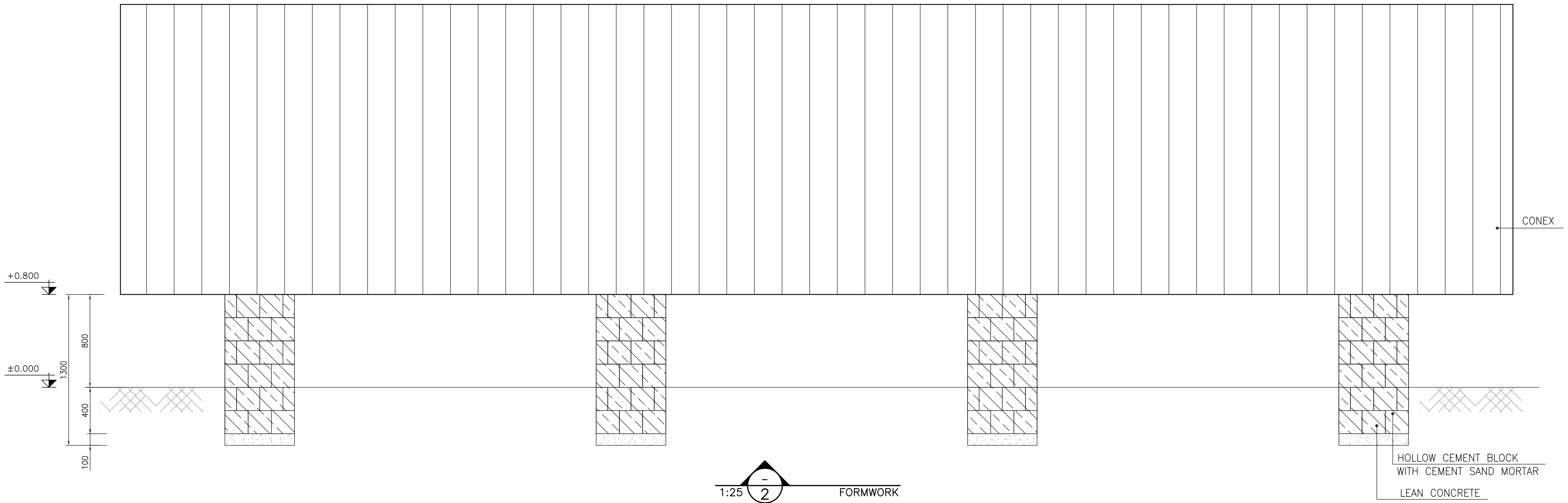
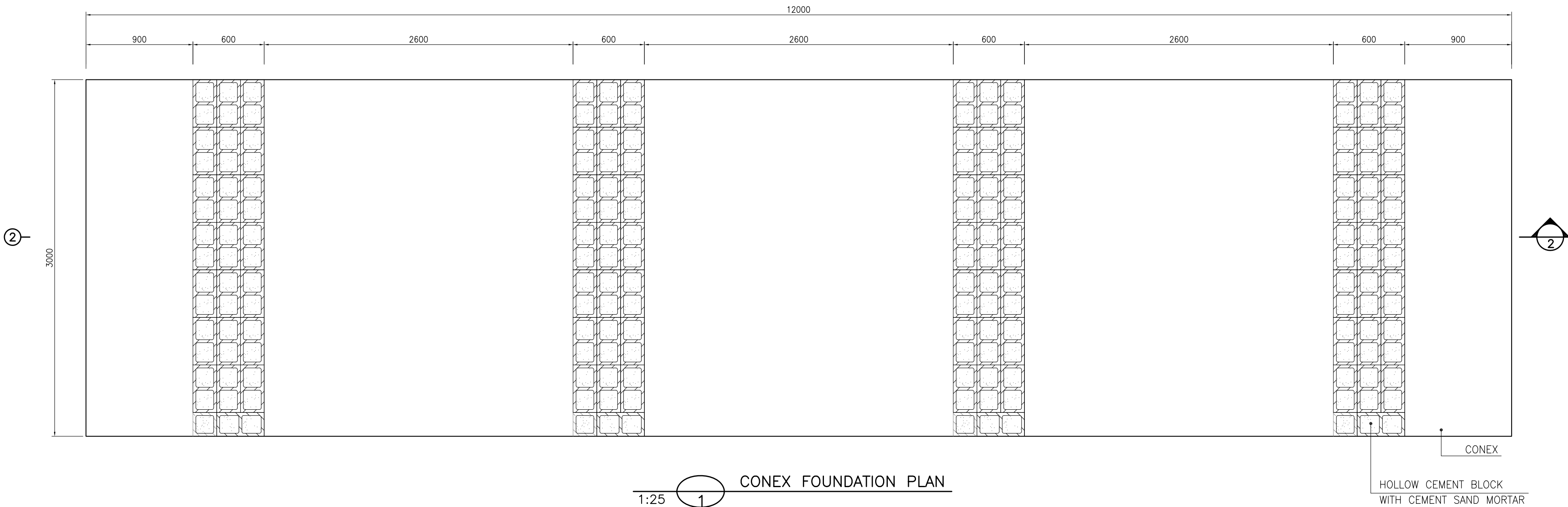
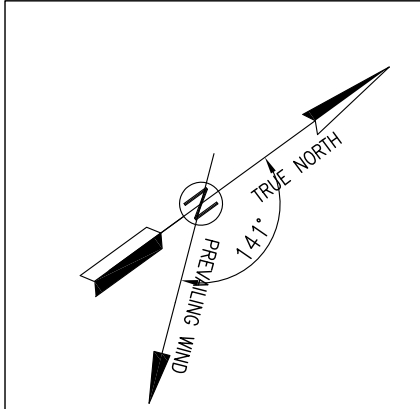
	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
	GRAVEL	T.O.PIT	TOP OF PIT
	SUB GRADE	B.O.P.	BOTTOM OF PIPE
	SLOPE	R.G.L.	ROUGH GRADING LEVEL

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

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



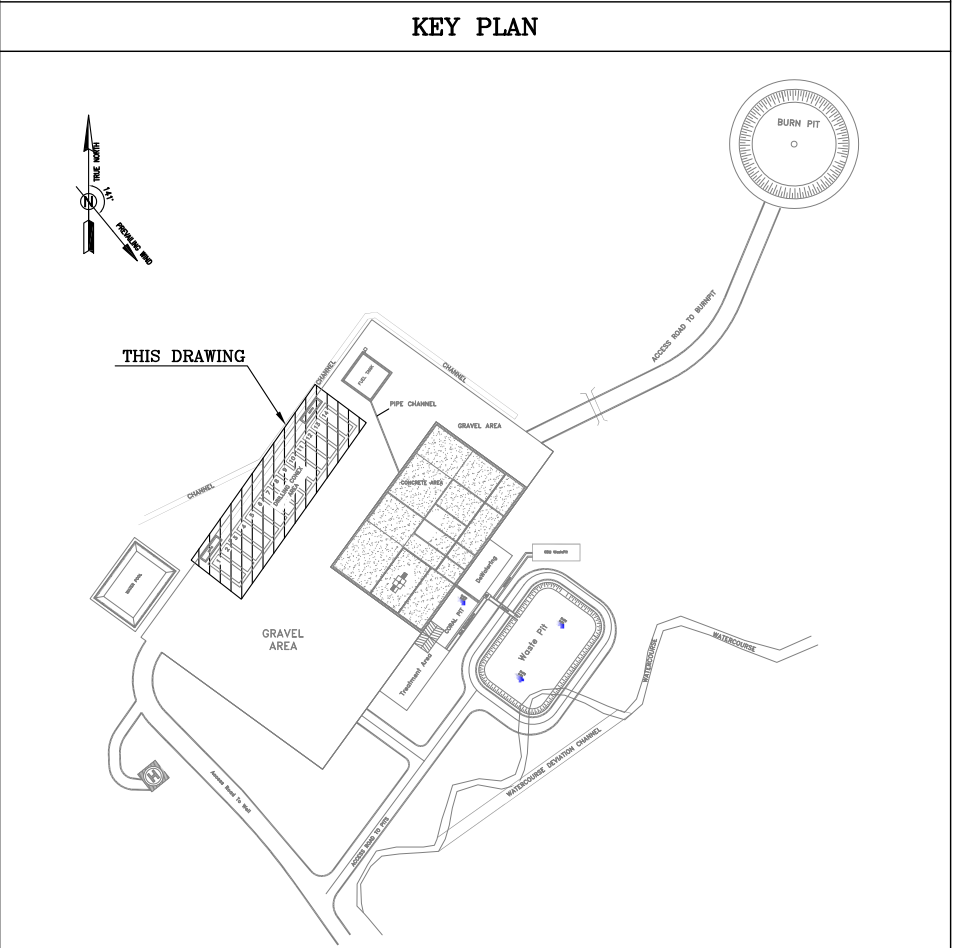
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***									
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***	***	*****	***	*****	***	*****			
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***	REV.	DESCRIPTION	BY	DATE	BY	DATE			
D00	OCT.2021	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	***			CHECKED		REV. APPR.				
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کاپیه نسخ این نقشه و حق آفتابیا متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.								
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								
							BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES								
							DATE								
							SCALE								
							DRAWING BY								
							CHECKED BY								
							PROJECT ENG.								
DRAWING TITLE:							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		
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			09 OF 41	D03	053-073-9184	F	4	2	707548	9	D03		



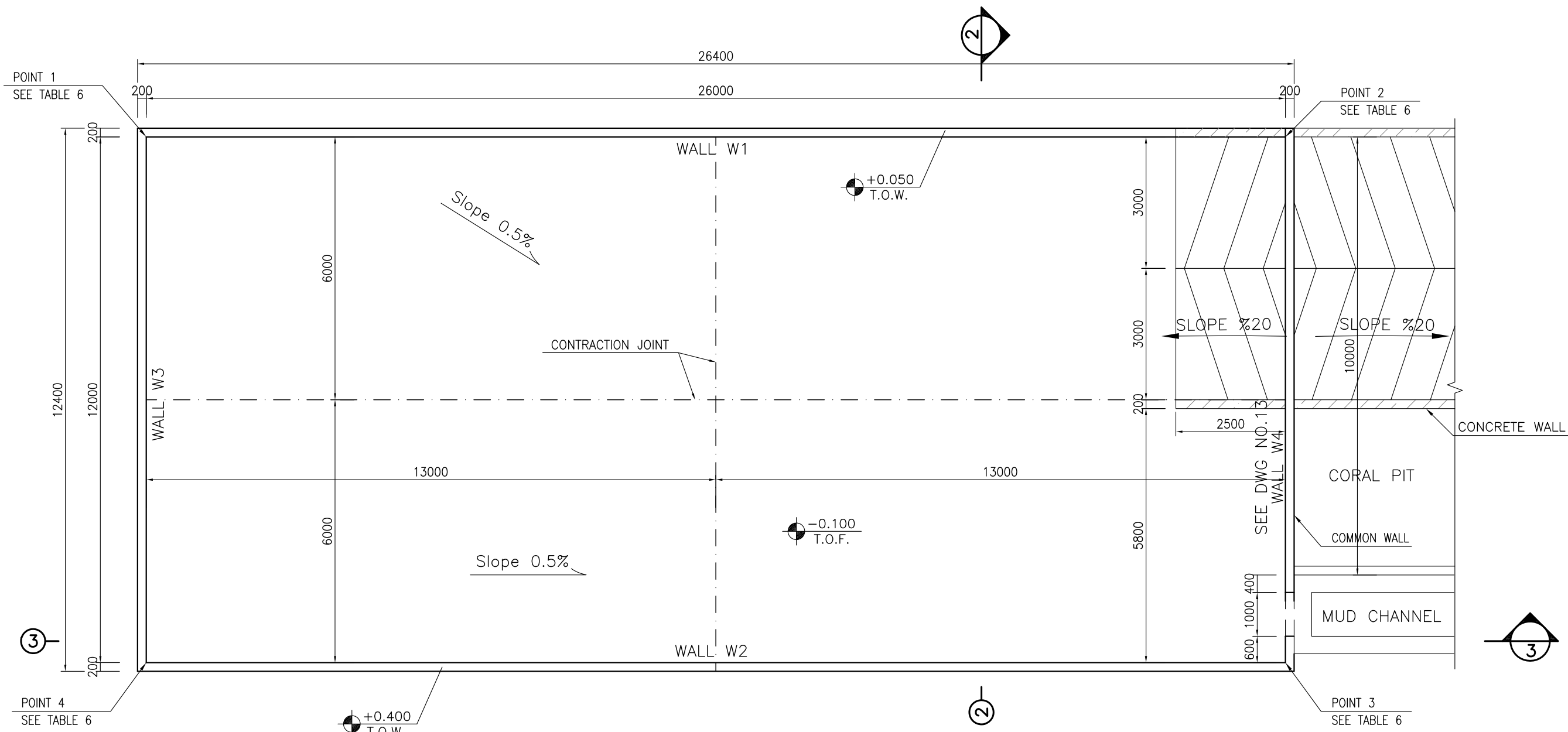
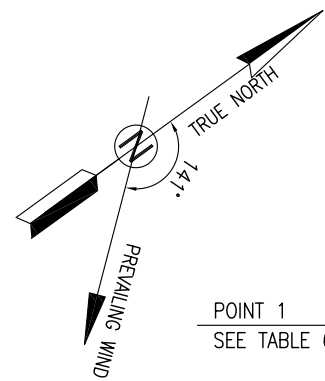
- NOTES**
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 - 2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
 - 3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
 - 4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001", 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 38
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
- ±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

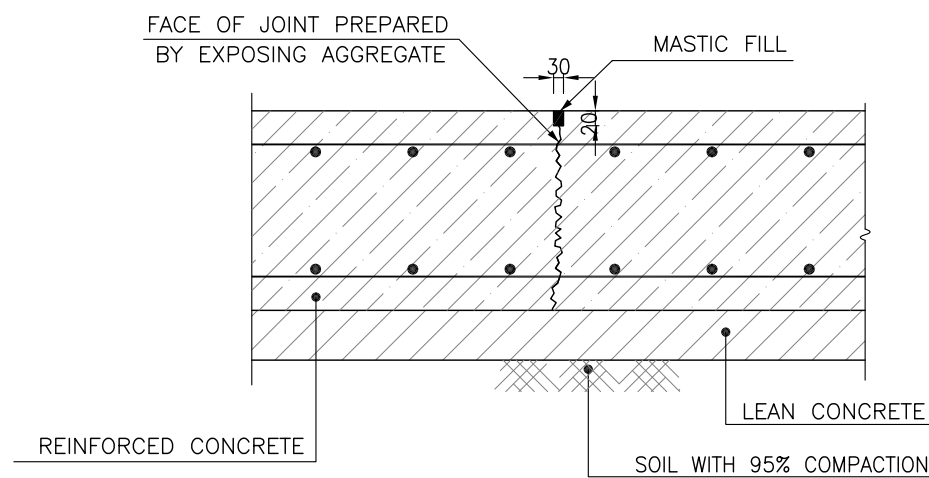


DO3	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***													
DO2	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**	***	*****	**	*****	**	*****							
DO1	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**	REV.	DESCRIPTION	BY	DATE	BY	DATE							
DO0	OCT.2021	IPC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	**			CHECKED		REV. APPR.								
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.			اصل و کليه نسخ اين نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خيز جنوب ميباشد.										
PROJECT NAME:							BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES							THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS					
PROJECT NO.:							971020												
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):				BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES												
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY																
							DATE		SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.							
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED												
CIVIL AND STRUCTURAL DRAWINGS-W028S CONEX FOUNDATION PLAN AND SECTION							APPROVED FOR CONSTRUCTION		BY:		DATE:								
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION						
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			10 OF 41	D03	053-073-9184	F	4	2	707548	10	D03						

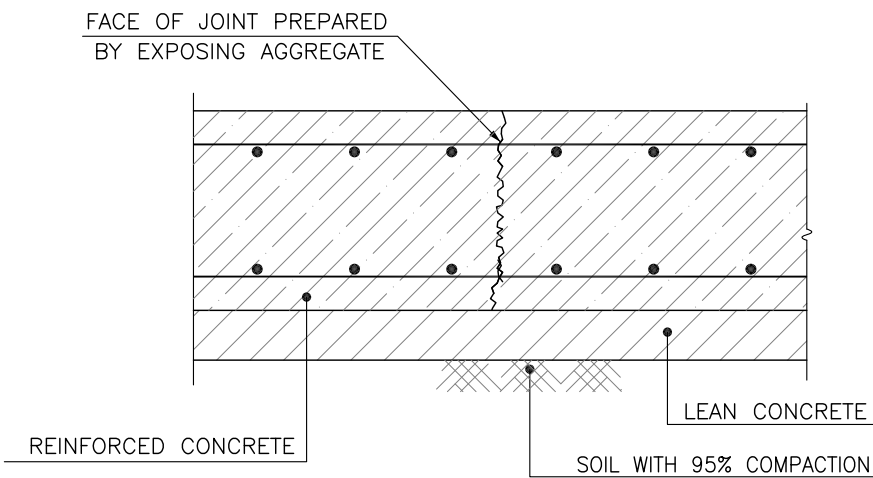


1:100 1 TREATMENT PAD PLAN FORMWORK

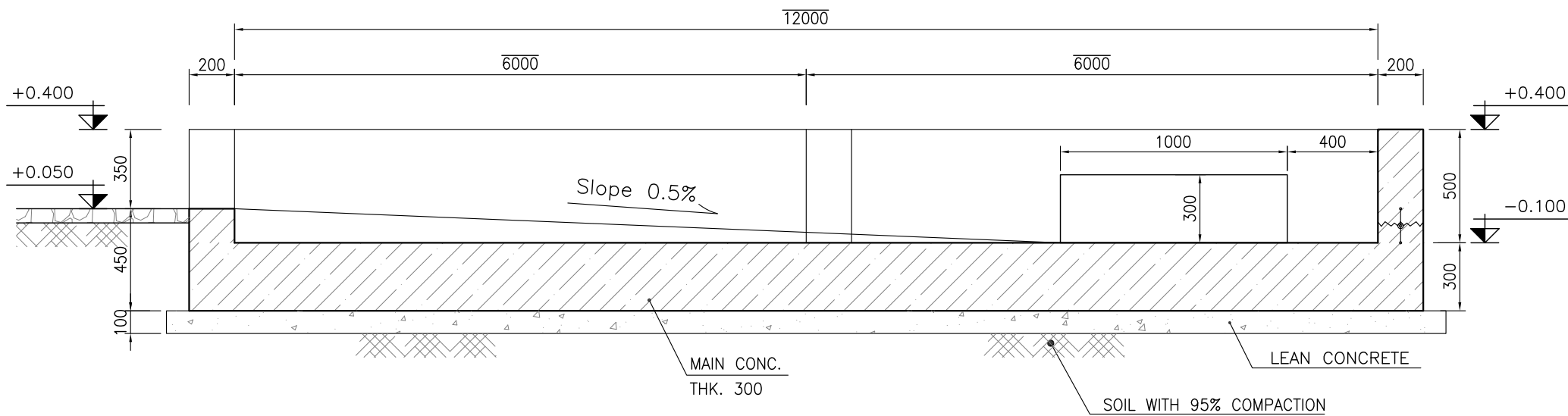
TABLE 6 (CORNERS COORDINATES)		
POINT 1	E=437119.433	N=3293051.402
POINT 2	E=437134.712	N=3293072.438
POINT 3	E=437144.421	N=3293065.386
POINT 4	E=437129.142	N=3293044.350



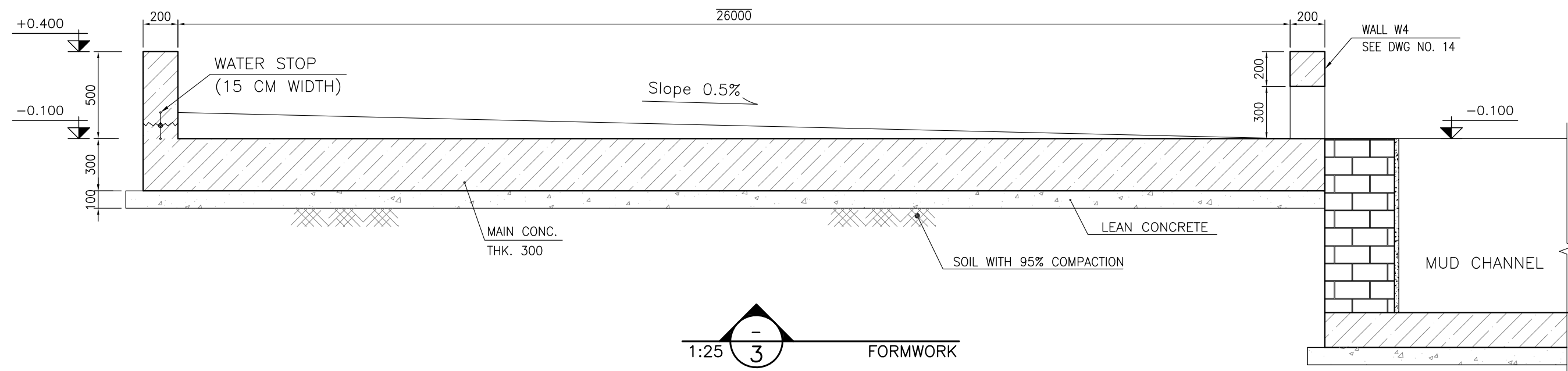
N.T.S. 8 TYPICAL CONTRACTION JOINT EVERY 4000



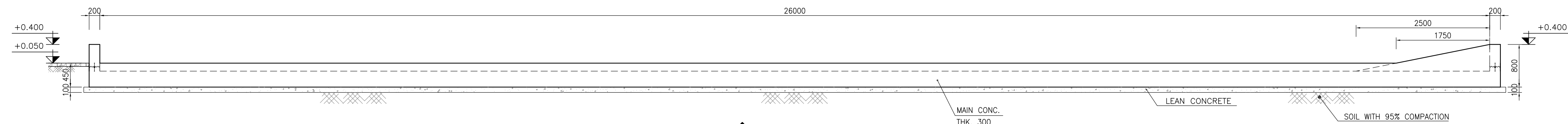
N.T.S. 9 TYPICAL CONSTRUCTION JOINT



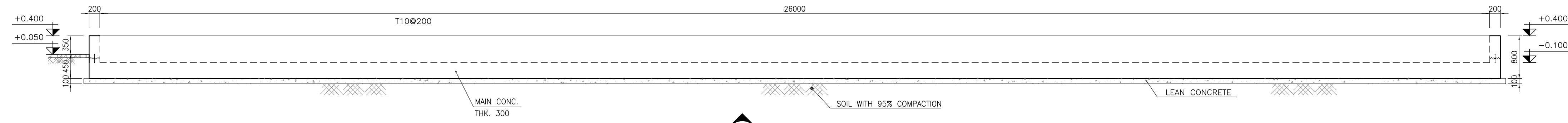
1:25 2 FORMWORK



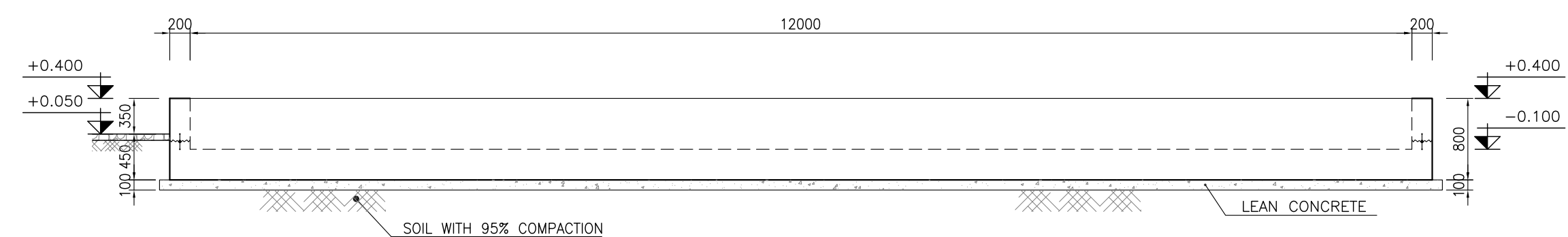
1:25 3 FORMWORK



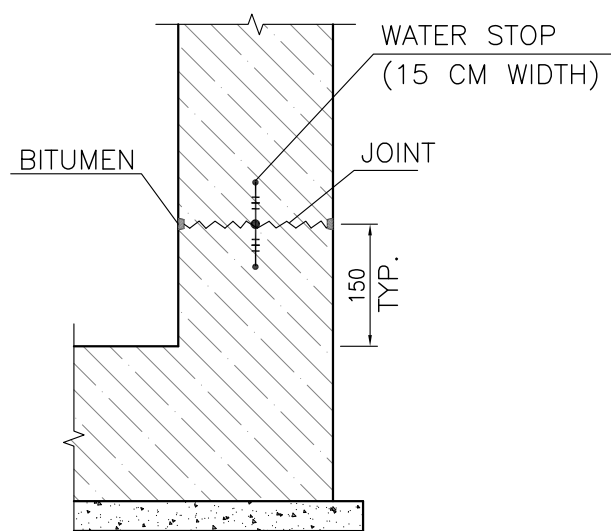
1:50 4 WALL W1 FORMWORK



1:50 5 WALL W2 FORMWORK



1:50 6 WALL W3 FORMWORK



N.T.S. 7 TYPICAL DETAIL OF WATER STOP

D03
TOTALLY REVISED

- NOTES**
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THICKNESS : 300-400 MICRON
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ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL

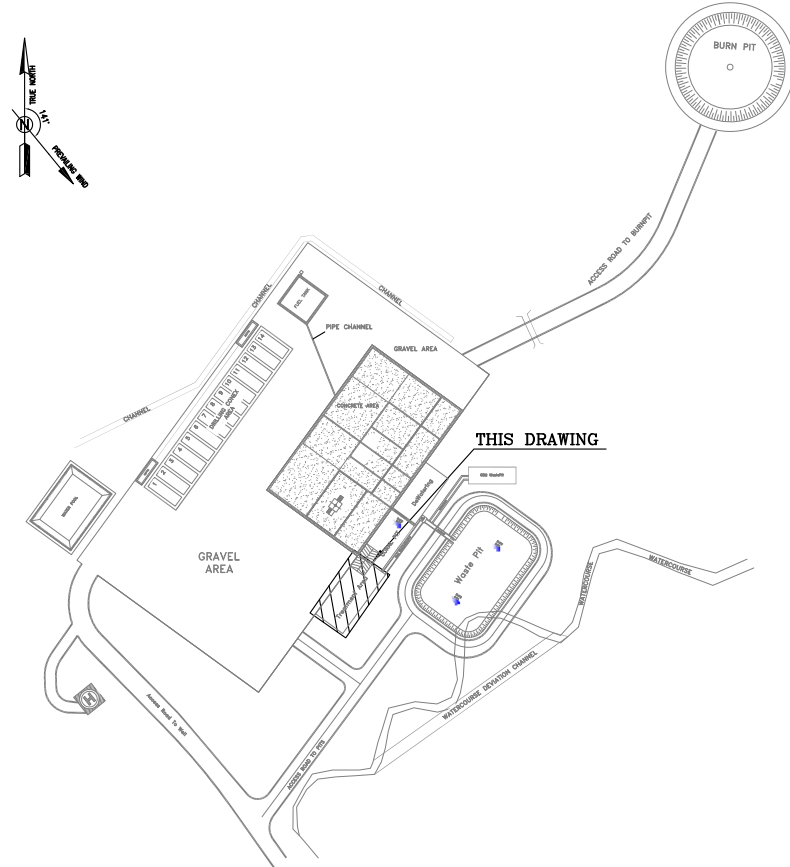
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LEGEND AND ABBREVIATION

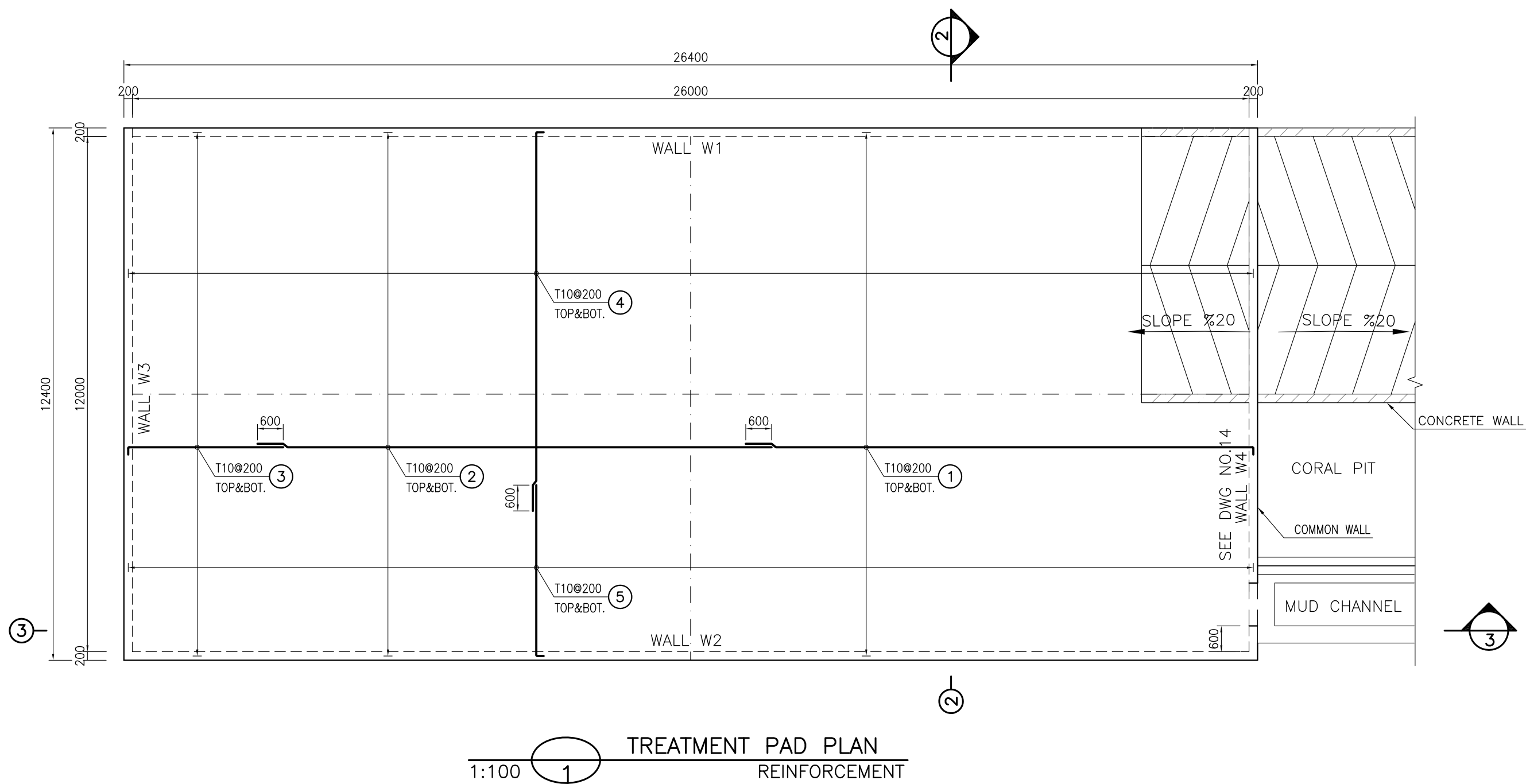
	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
	GRAVEL	T.O.PIT	TOP OF PIT
	SUB GRADE	B.O.P.	BOTTOM OF PIPE
	SLOPE	R.G.L.	ROUGH GRADING LEVEL

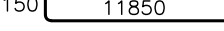
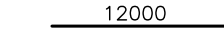
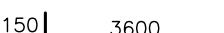
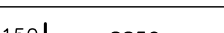
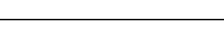
REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRL-PEDCO-000-CV-SP-0003
GENERAL NOTES - STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0011
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT -W028	BK-W028-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -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

KEY PLAN



D03	MAY.2022	IFA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***	REV.	DESCRIPTION	BY	DATE	BY	DATE	REV. APPR.
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.GHALIKAR	***							
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کاپیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.						
PROJECT NAME:							BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES						
PROJECT NO.:			971020				 THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS						
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):										
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY				BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES						
							DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.		
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
CIVIL AND STRUCTURAL DRAWINGS-W028S TREATMENT PAD FORMWORK – DETAIL & SECTION							APPROVED FOR CONSTRUCTION			BY:	DATE:		
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			11 OF 41	D03	053-073-9184	F	4	2	707548	11	D03



BAR BENDING SCHEDULE - TREATMENT PAD					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	150  11850	12.00	128	1536.0
2	T10	 12000	12.00	128	1536.0
3	T10	150  3600	3.75	128	480.0
4	T10	150  8850	9.00	247	2223.0
5	T10	150  4000	4.15	247	1025.05
6	T10	150  650	0.80	190	152.0
7	T10	150  300	0.45	120	54.0
TOTAL LENGTH OR AREA (m)					7006.05
UNIT WEIGTH (Kg/m)					0.617
WEIGTH (Kg)					4322.74
GRAND TOTAL (Kg)					4330

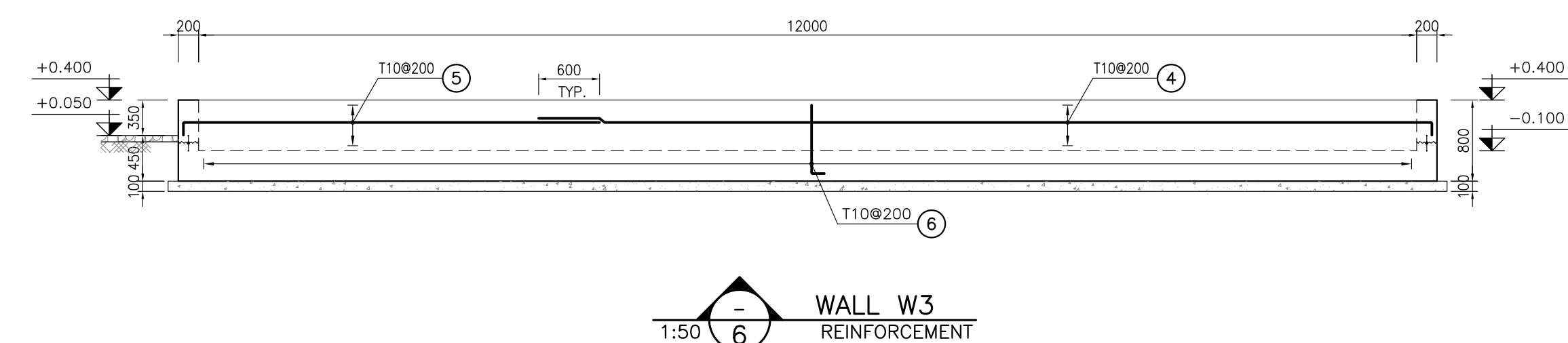
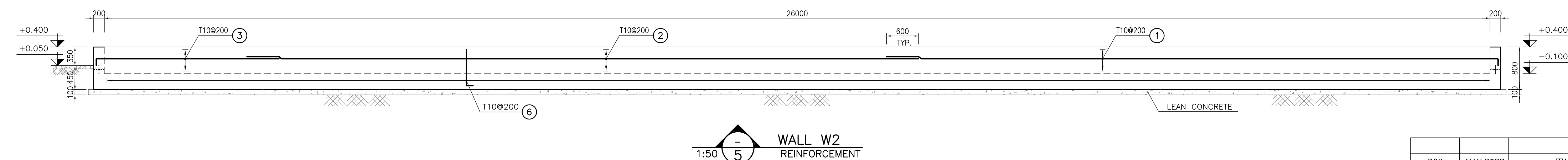
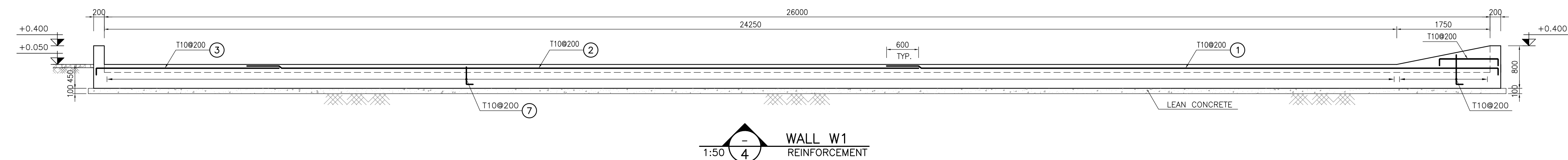
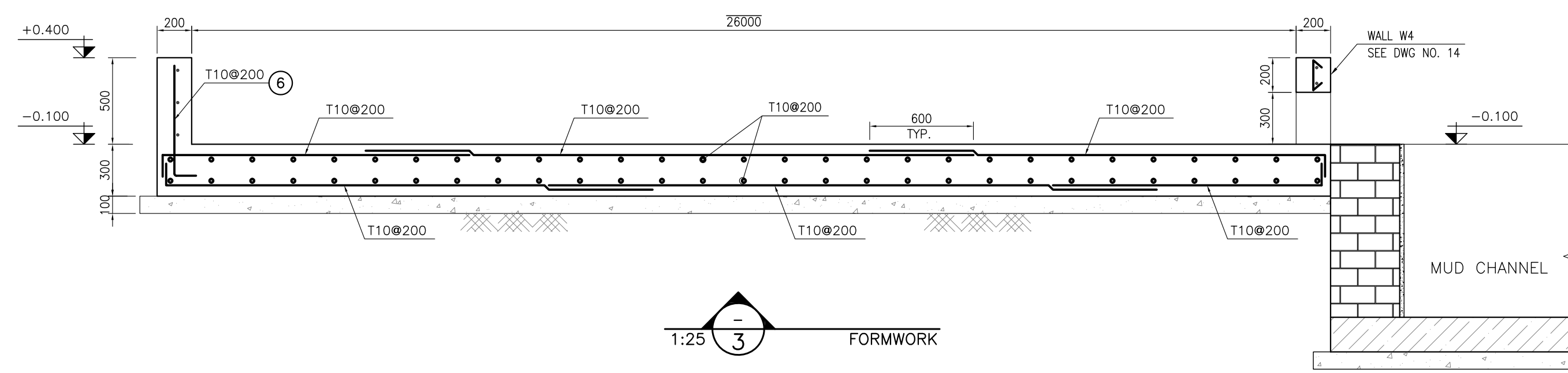
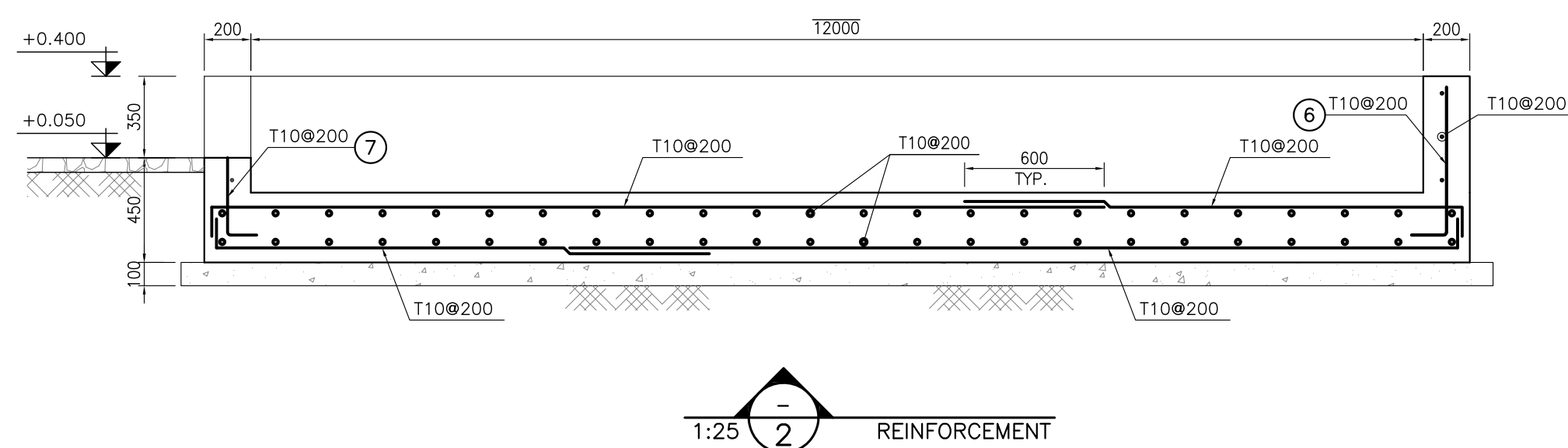
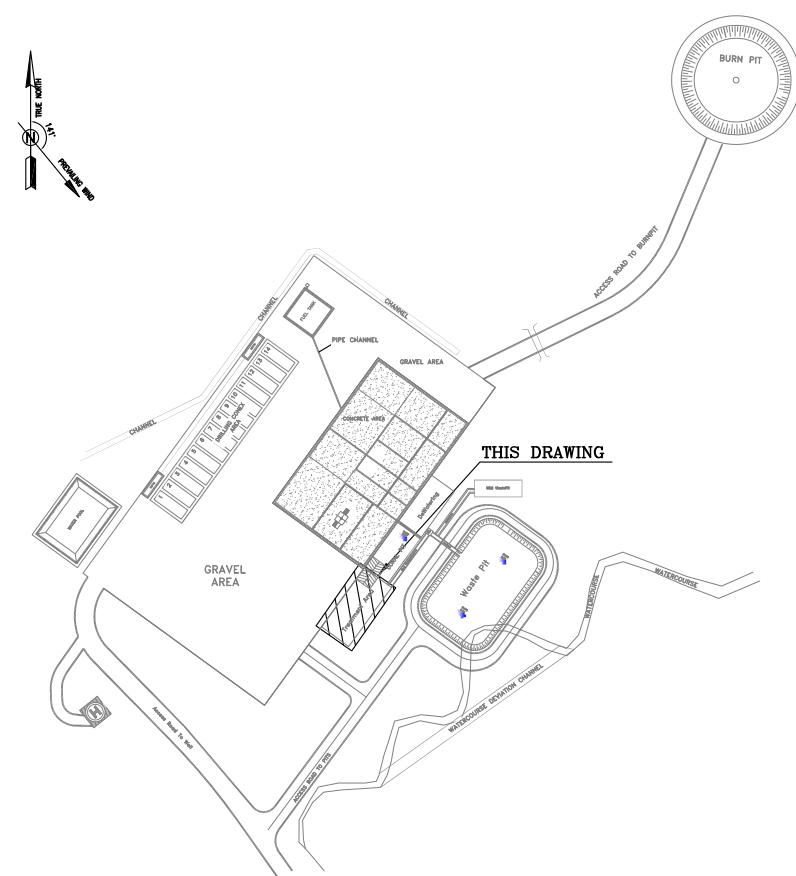
- NOTES**
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 - 4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa (ON CYLINDRICAL SPECIMEN)
 - 5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
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 - 6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INB9 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 COLOR:
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 SOL WITH "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- GEODETTIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEOIDETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: 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

KEY PLAN



D03

TOTALLY REVISED

[illegible]

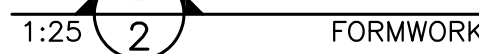
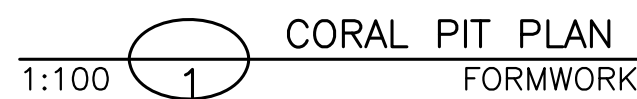
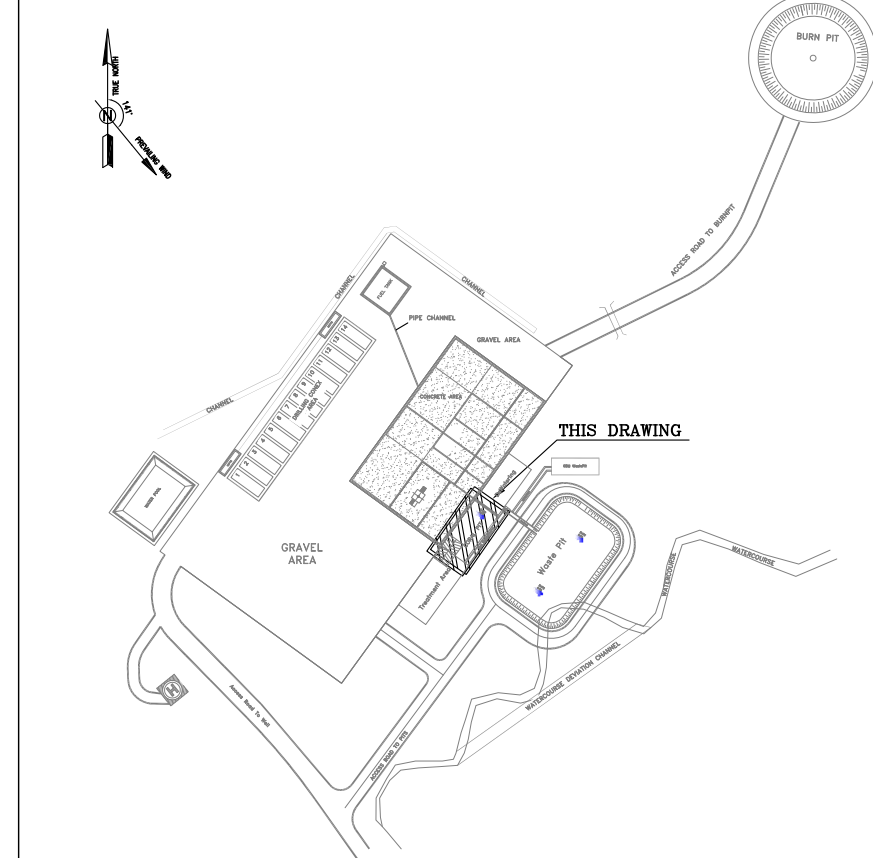
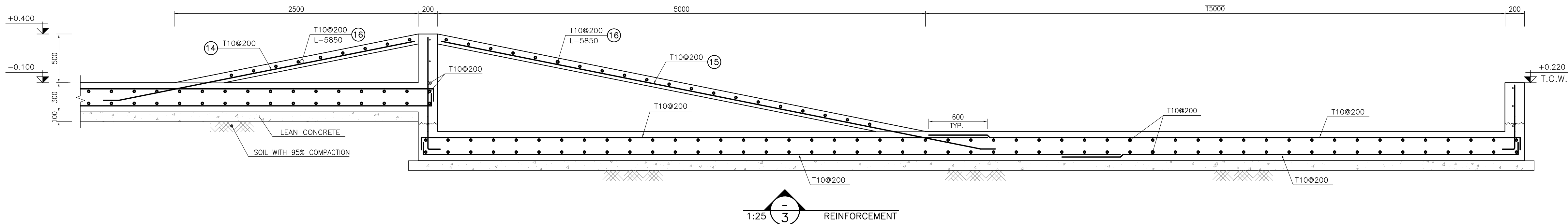
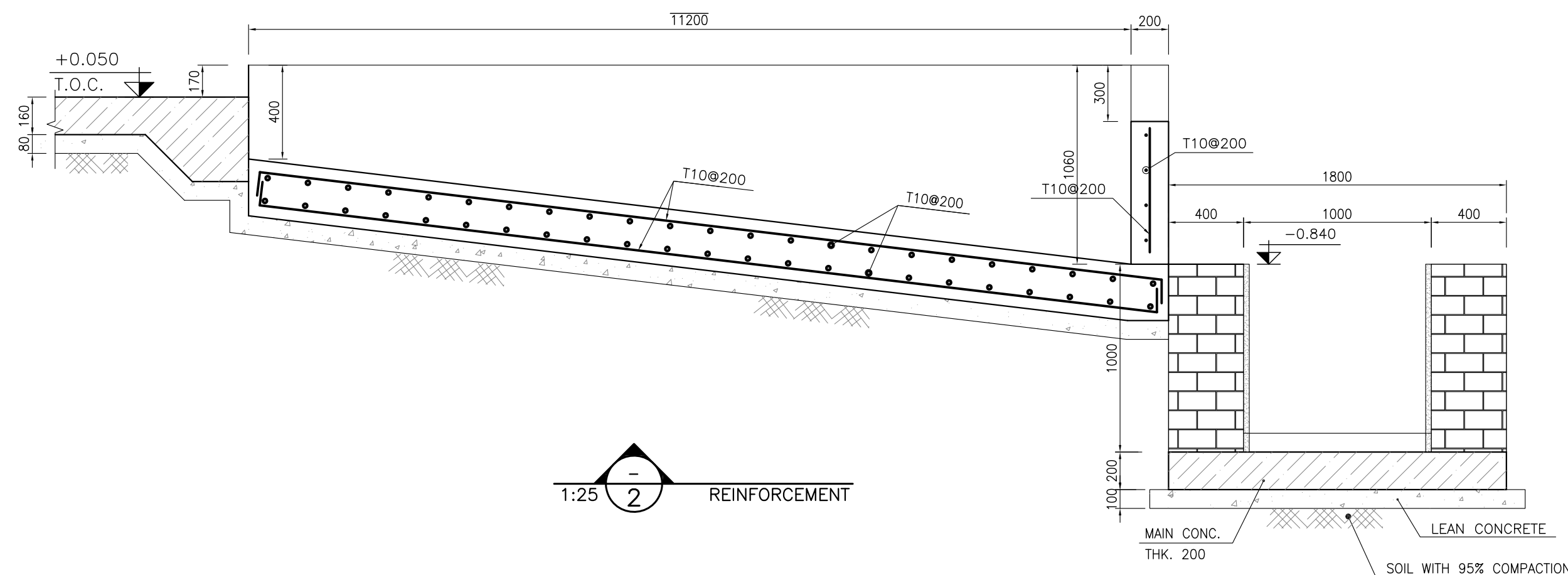
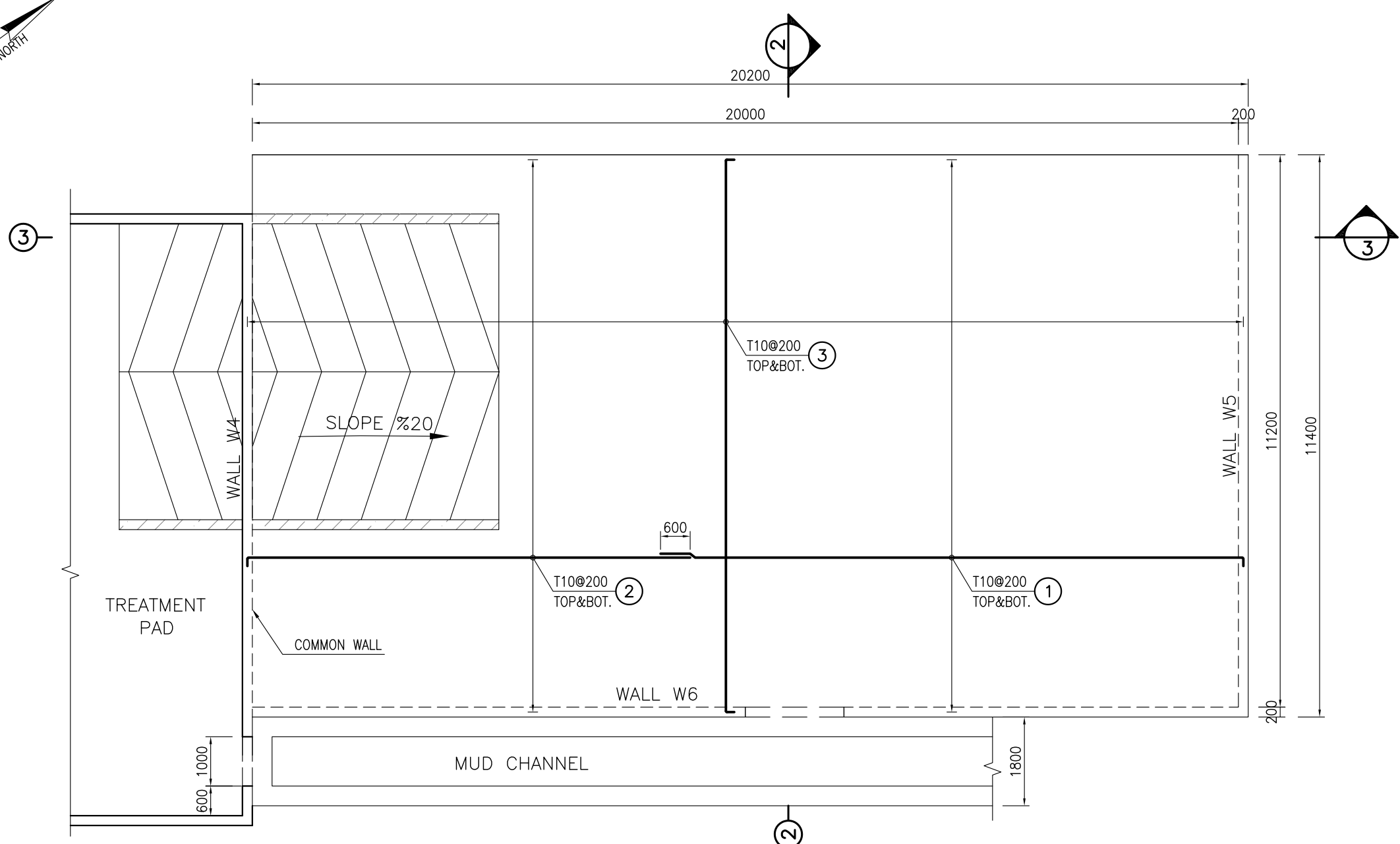


TABLE 7 (CORNERS COORDINATES)		
POINT 1	E=437133.697	N=3293073.423
POINT 2	E=437145.451	N=3293089.605
POINT 3	E=437154.513	N=3293083.023
POINT 4	E=437142.759	N=3293066.841



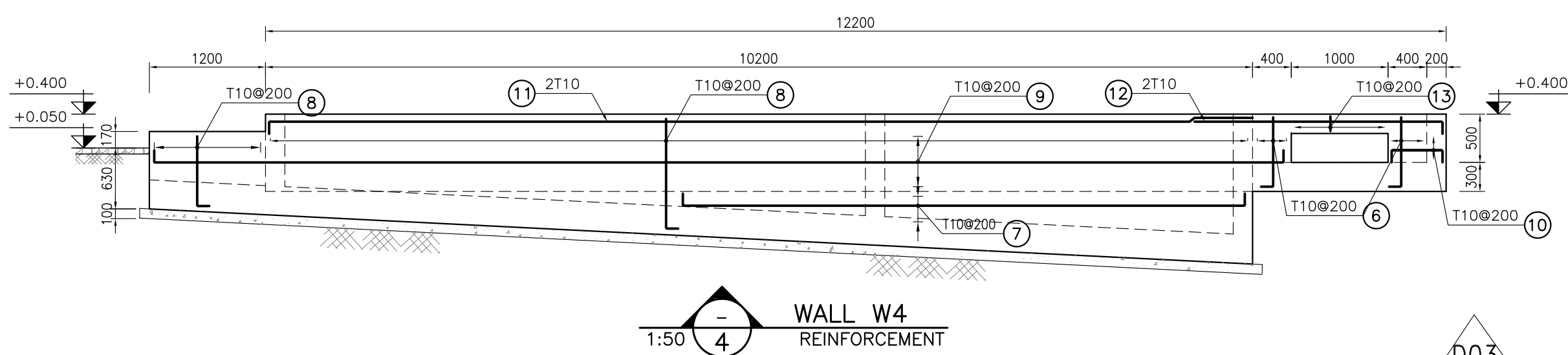
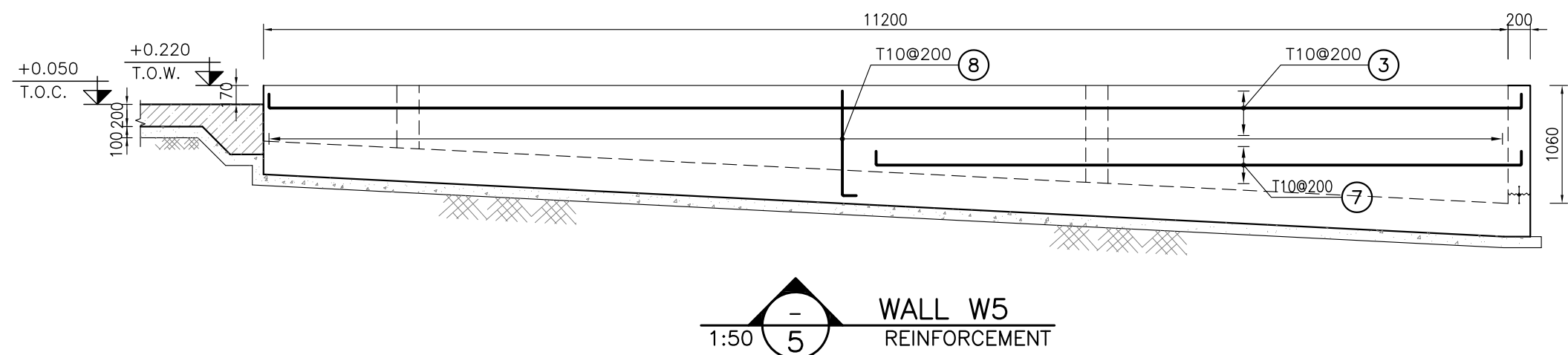
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	**
D00	OCT.2021	IFC	R. BERLOUEI	M.FAKHARIAN	S.H.GHALIKAR	**
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES						
PROJECT NO.:			971020			
EPC CONTRACTOR:			EPP/EPC CONTRACTOR(GC):			
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY			
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS						
		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
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002	13 OF 41	D03	053-073-9184	F 4 2 707546 13 D03



Reinforcement drawing of Wall W6. The drawing shows a cross-section of the wall with a total length of 10000 units. The wall is 1000 units high, with a base elevation of -0.840 and a top elevation of +0.220. The wall is reinforced with T10@200 bars. The reinforcement details include:

- Top reinforcement: T10@200 bars, with a 600 TYP. spacing.
- Bottom reinforcement: T10@200 bars.
- Vertical spacing: 1000 units.
- Horizontal spacing: 2000 units.
- Reinforcement details are labeled with circled numbers 1 through 6.

 A scale of 1:50 is indicated, and the drawing is labeled "WALL W6 REINFORCEMENT".



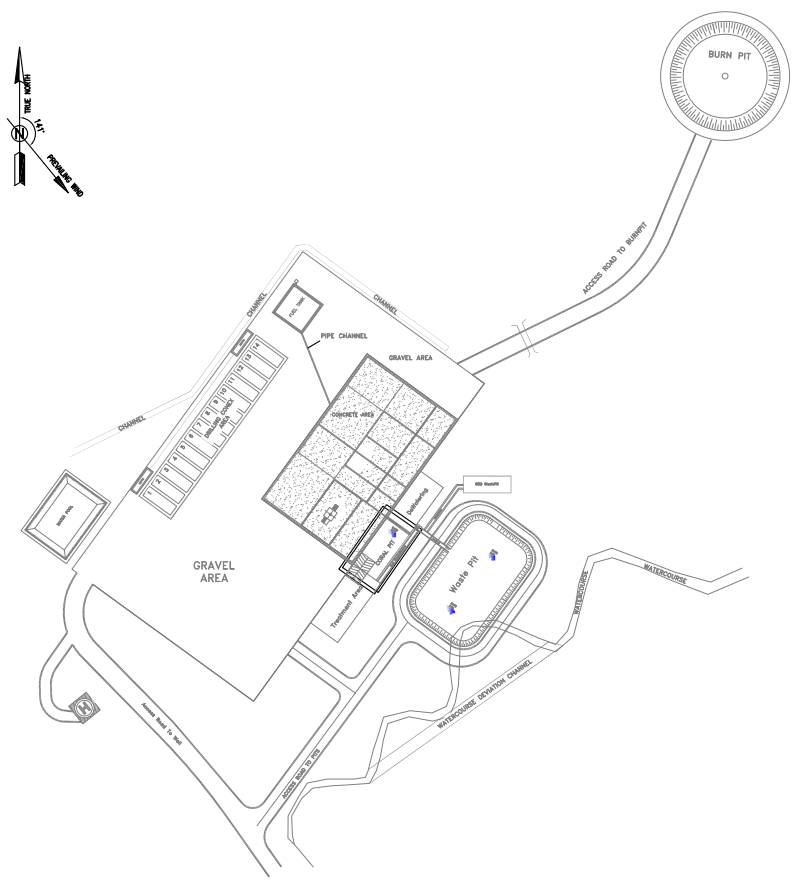
NOTES

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- 2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
- 3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
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- 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: WC84/UTM ZONE 39
ELLIPSOID : WGS84
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: 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	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 FOR MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040

KEY PLAN

[illegible]

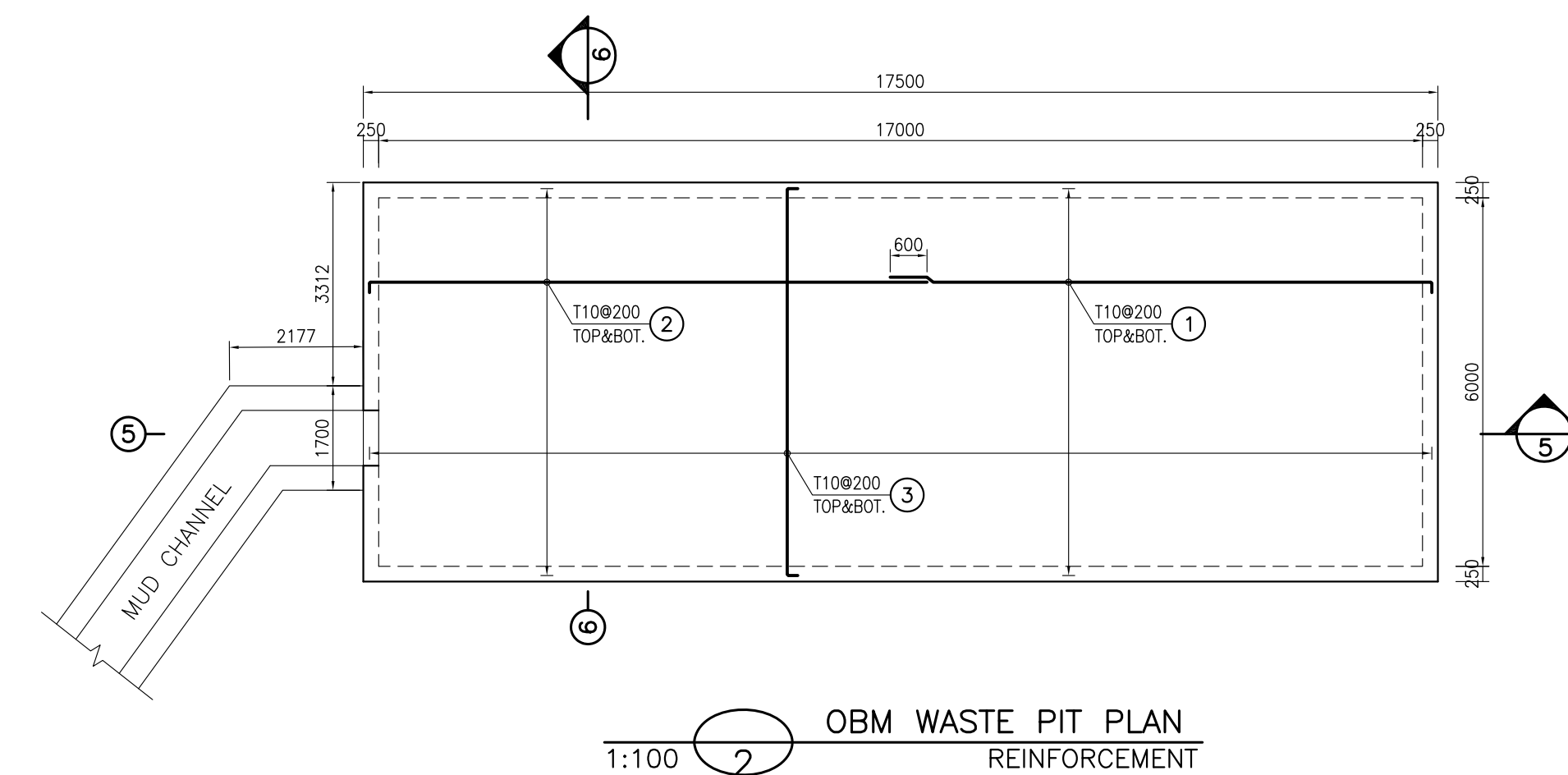
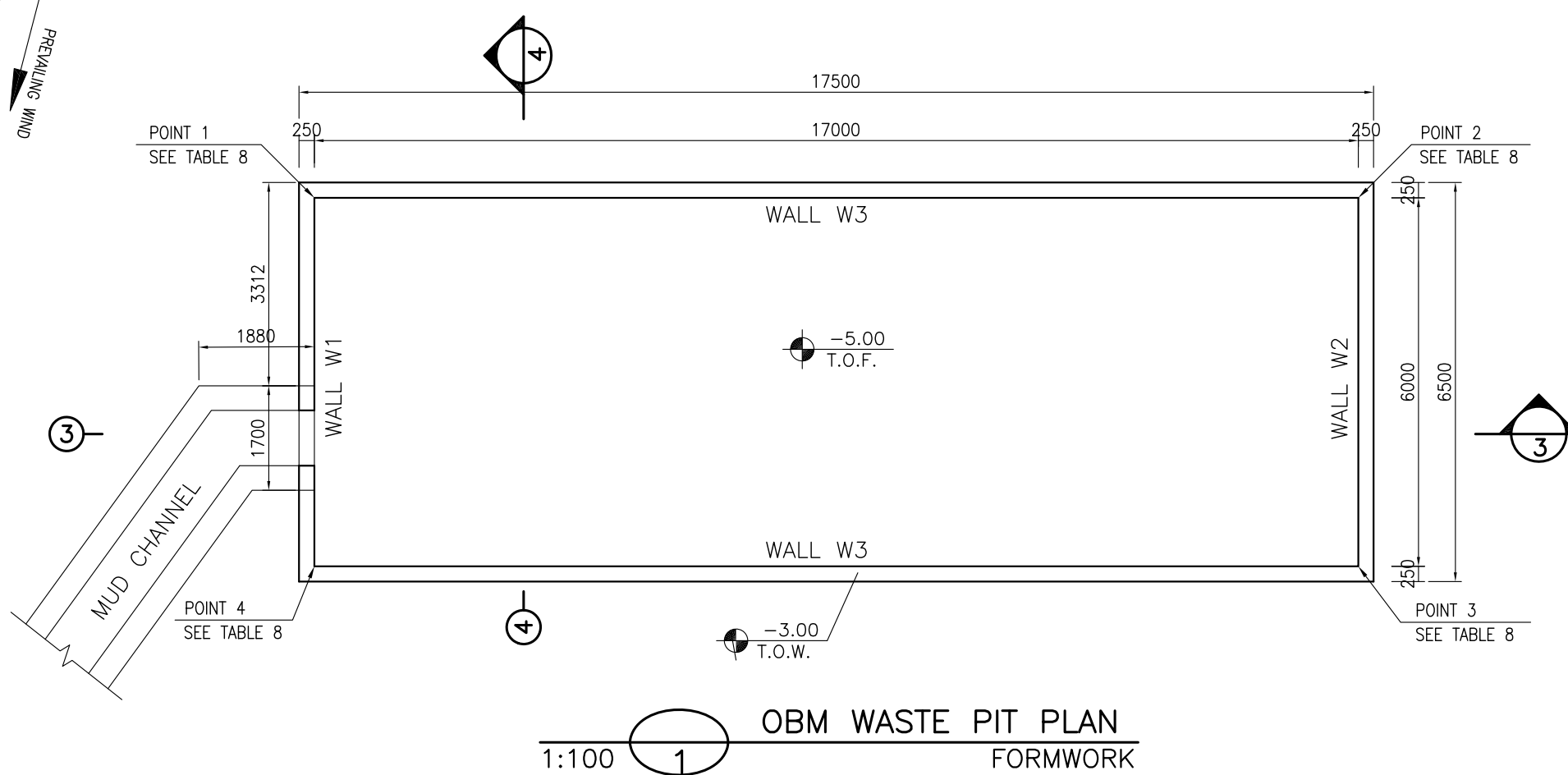
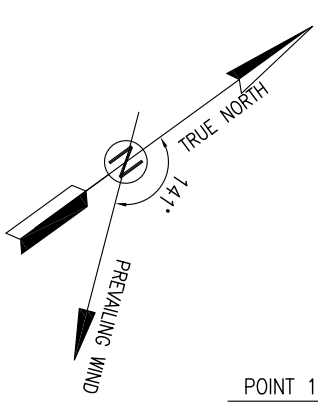
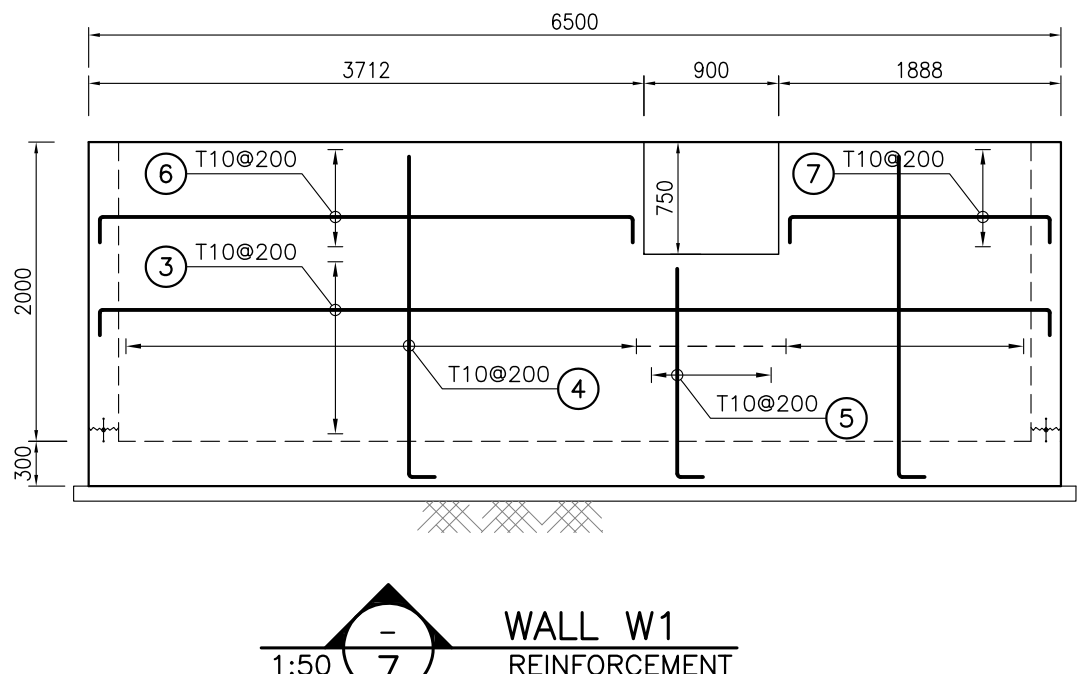
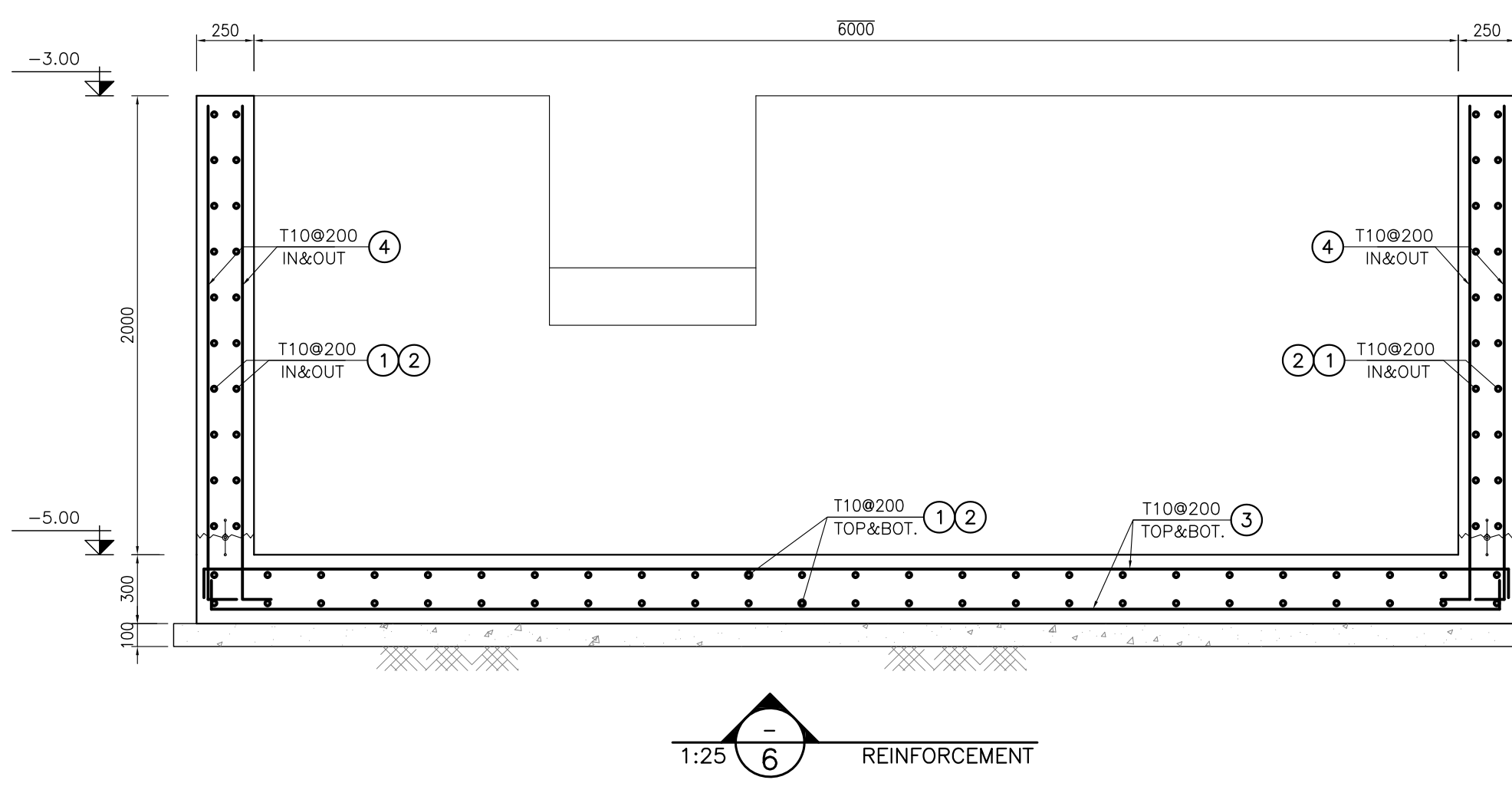
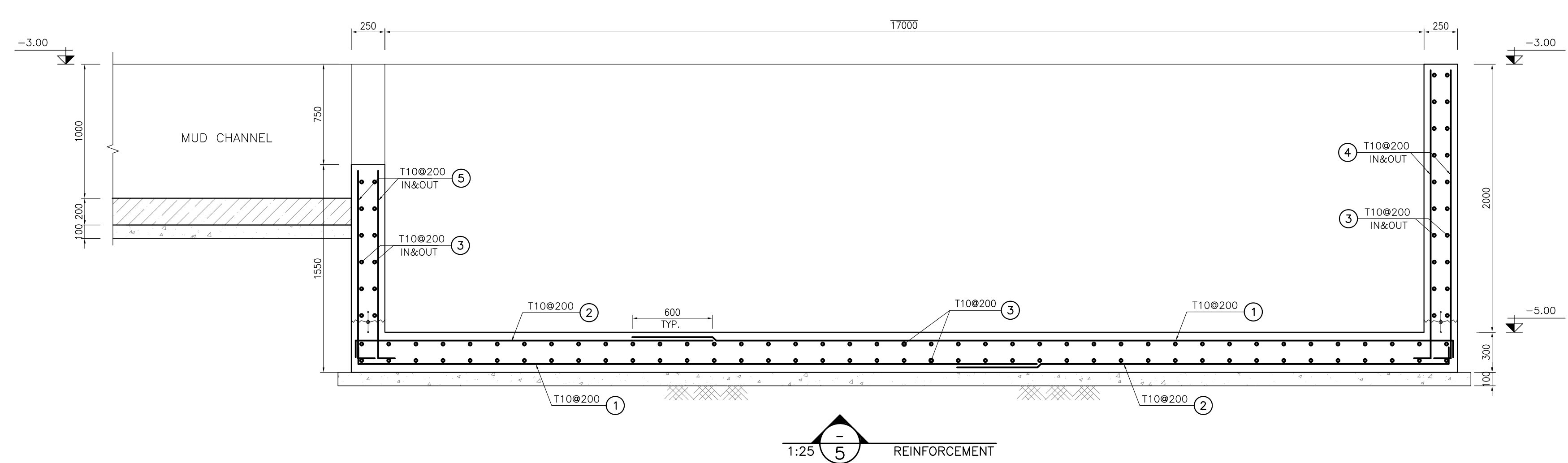
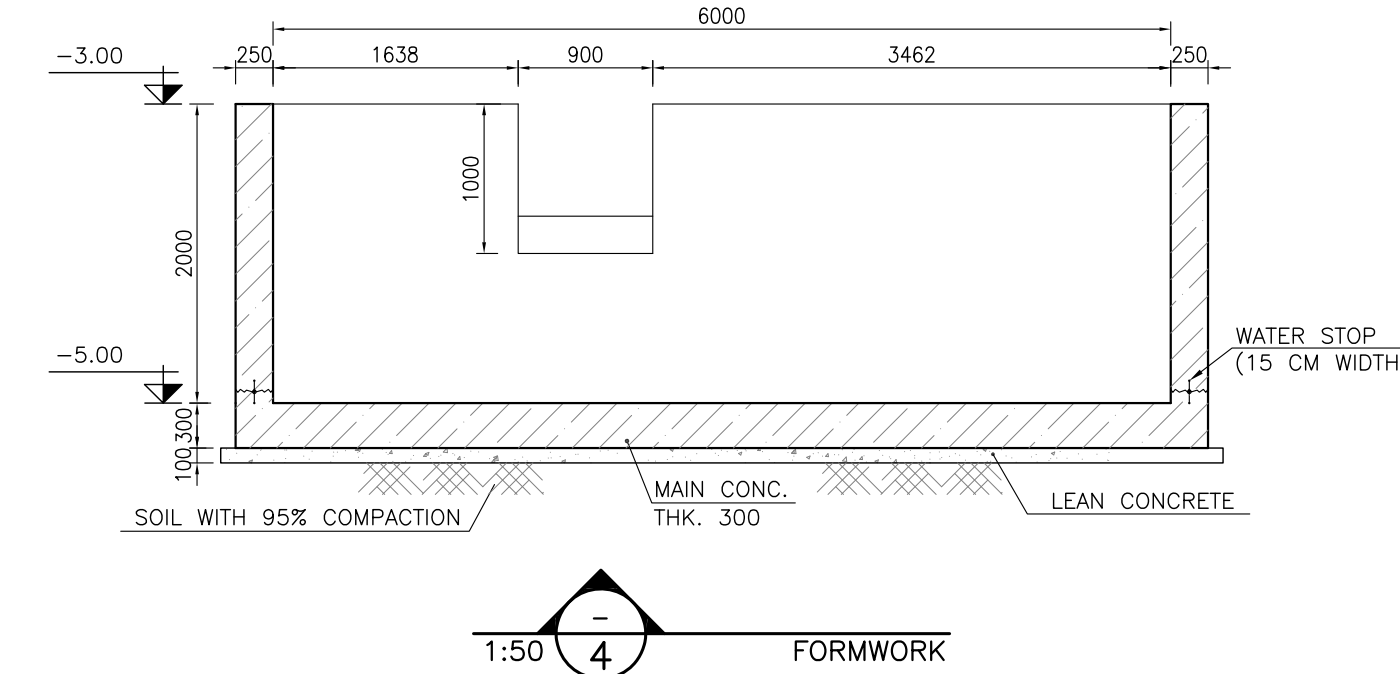
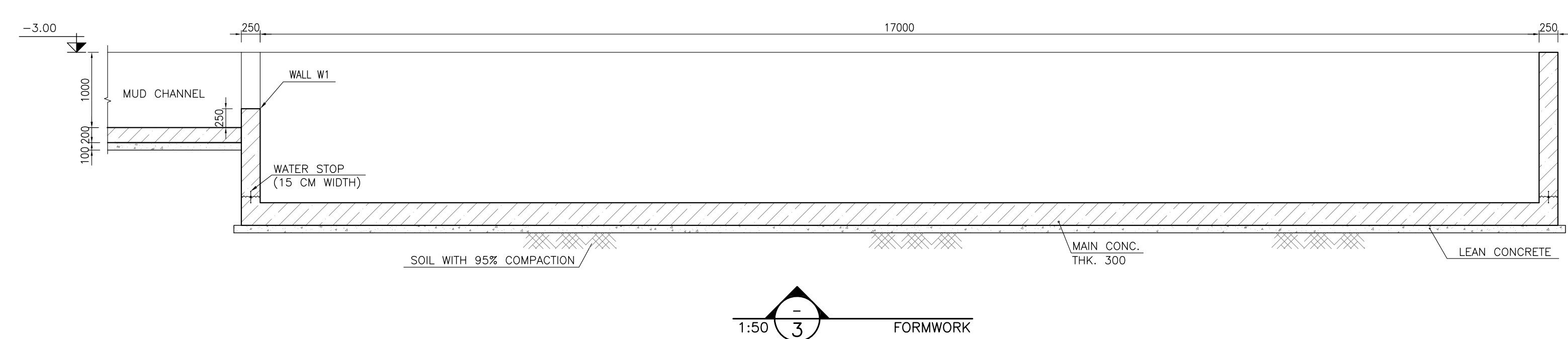


TABLE 8 (CORNERS COORDINATES)		
POINT 1	E=437173.655	N=3293104.379
POINT 2	E=437190.655	N=3293104.379
POINT 3	E=437190.655	N=3293098.379
POINT 4	E=437173.655	N=3293098.379

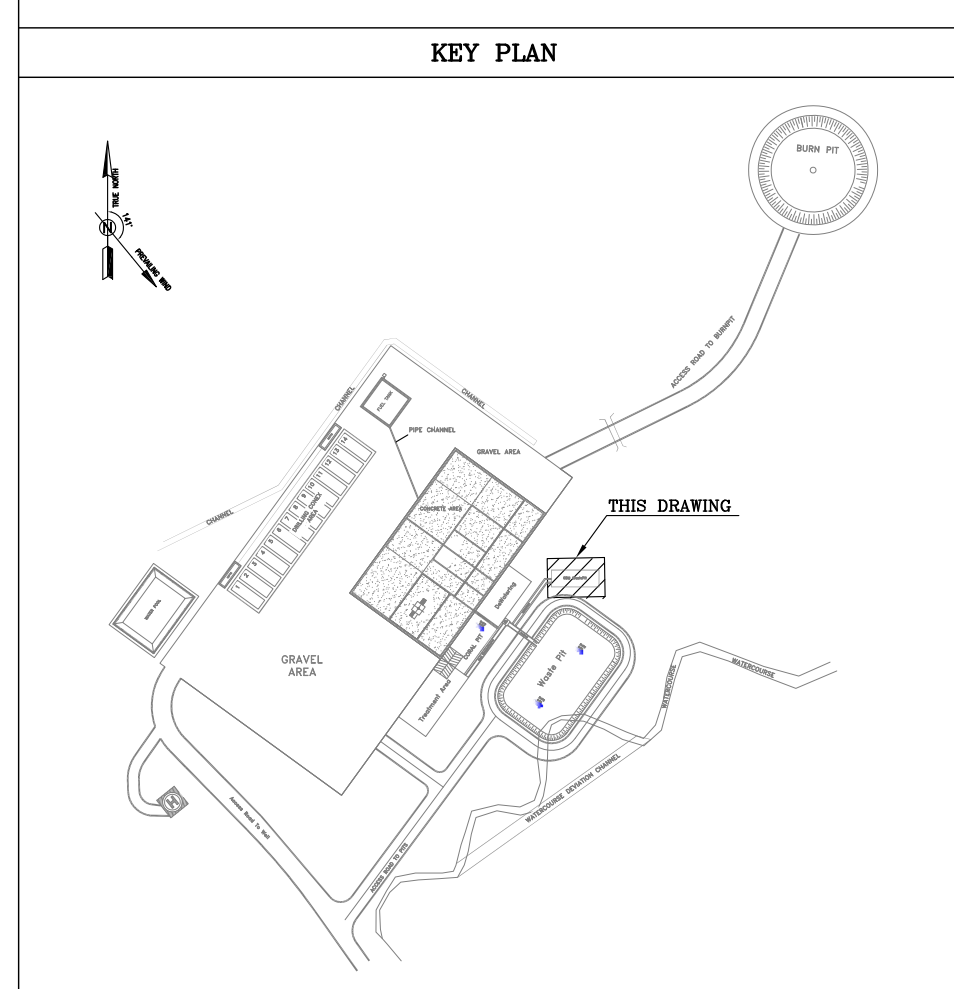


BAR BENDING SCHEDULE - OBM WASTE PIT					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	150 11850	12.00	104	1248.0
2	T10	150 6100	6.25	104	650.0
3	T10	150 6350 150	6.65	206	1369.9
4	T10	150 2150	2.30	224	515.2
5	T10	150 1400	1.55	10	15.5
6	T10	150 3600 150	3.90	8	31.20
7	T10	150 1750 150	2.05	8	16.40
TOTAL LENGTH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

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ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
- ±0.00 = +31.00(R.G.L.)MSL

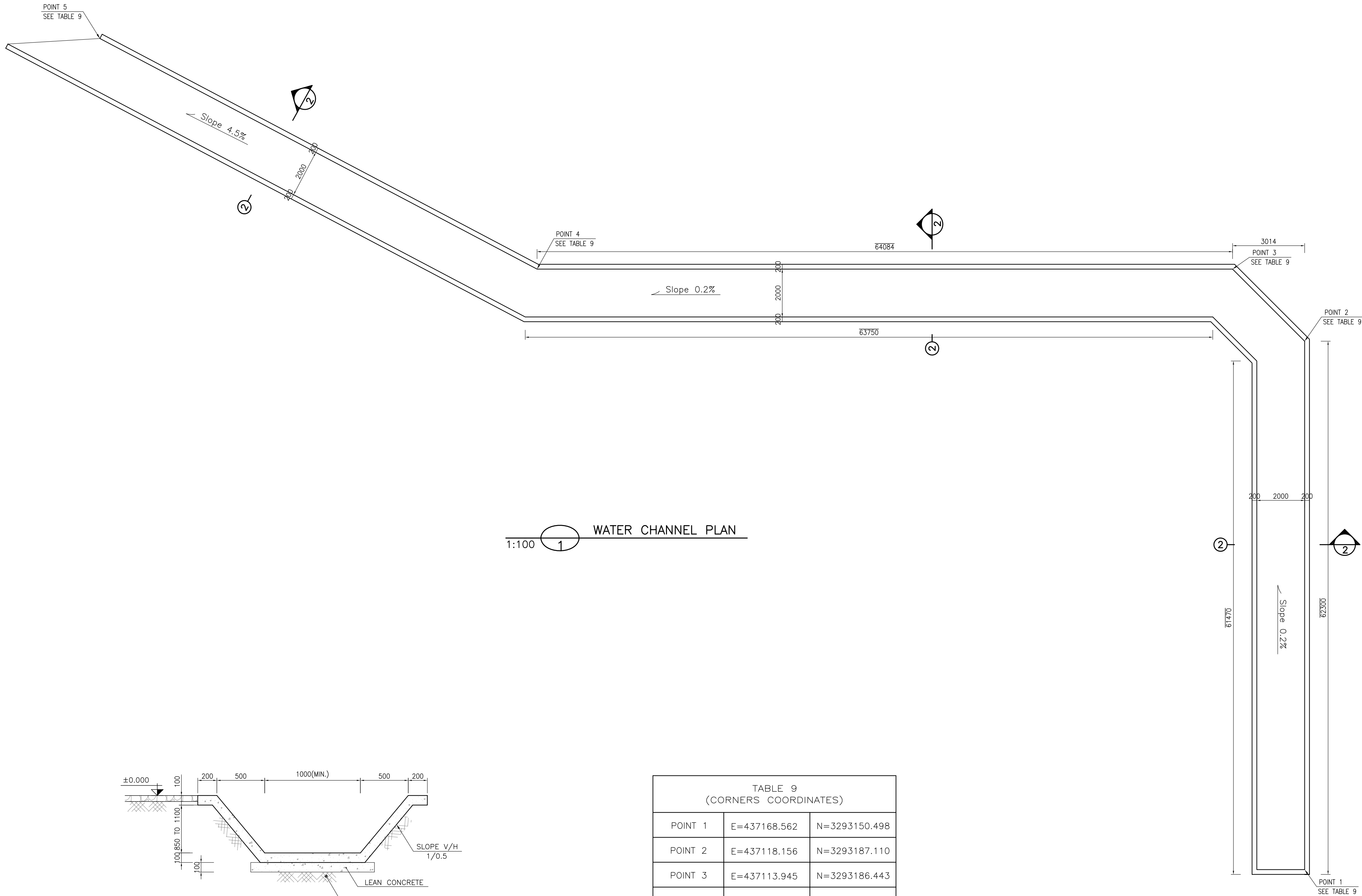
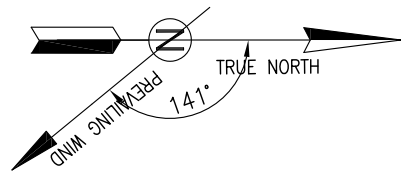
LEGEND AND ABBREVIATION	
	REINFORCED CONCRETE
	LEAN CONCRETE
	CEMENT BLOCK WALL
	GRAVEL
	SUB GRADE
	SLOPE
T.O.F.	TOP OF FOUNDATION
T.O.W.	TOP OF WALL
T.O.C.	TOP OF CONCRETE
T.O.PIT	TOP OF PIT
B.O.P.	BOTTOM OF PIPE
R.G.L.	ROUGH GRADING LEVEL

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

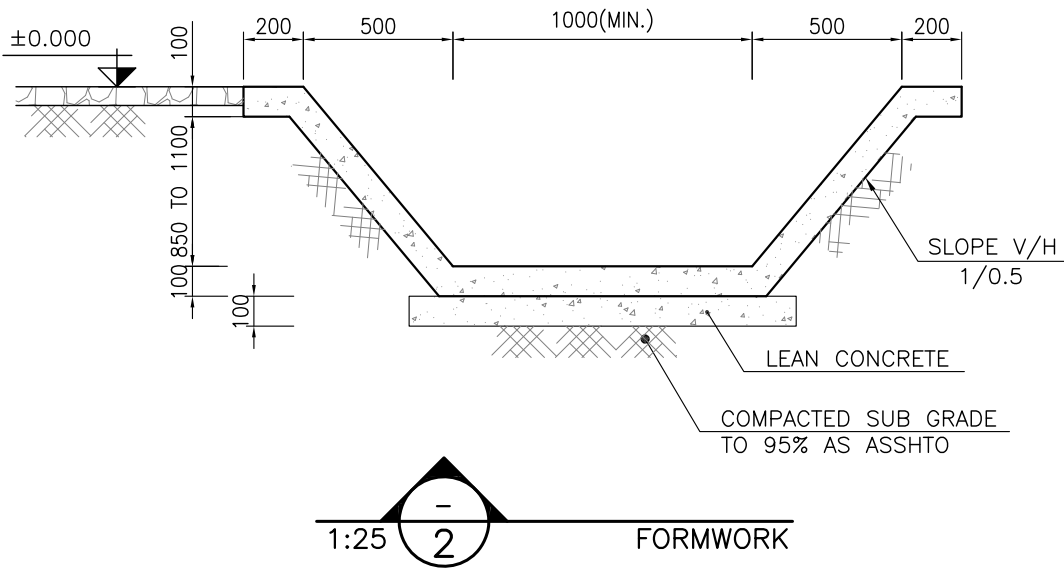


D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***									
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***	***	*****	** **	***.****	** **	***.****			
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***	REV.	DESCRIPTION	BY	DATE	BY	DATE			
D00	OCT.2021	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALIKAR	***					CHECKED		REV.	APPR.	
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کاپی نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مایعات نفت خیر جنوب می باشد.								
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES							 THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C. / FIELDS								
PROJECT NO.: 971020															
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):												
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 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 OBM WASTE PIT FORMWORK & REINFORCEMENT-SECTION							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		
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			15 OF 41	D03	053-073-9184	F	4	2	707548	15	D03		

D03
TOTALLY REVISED



1:100 1 WATER CHANNEL PLAN



1:25 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

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

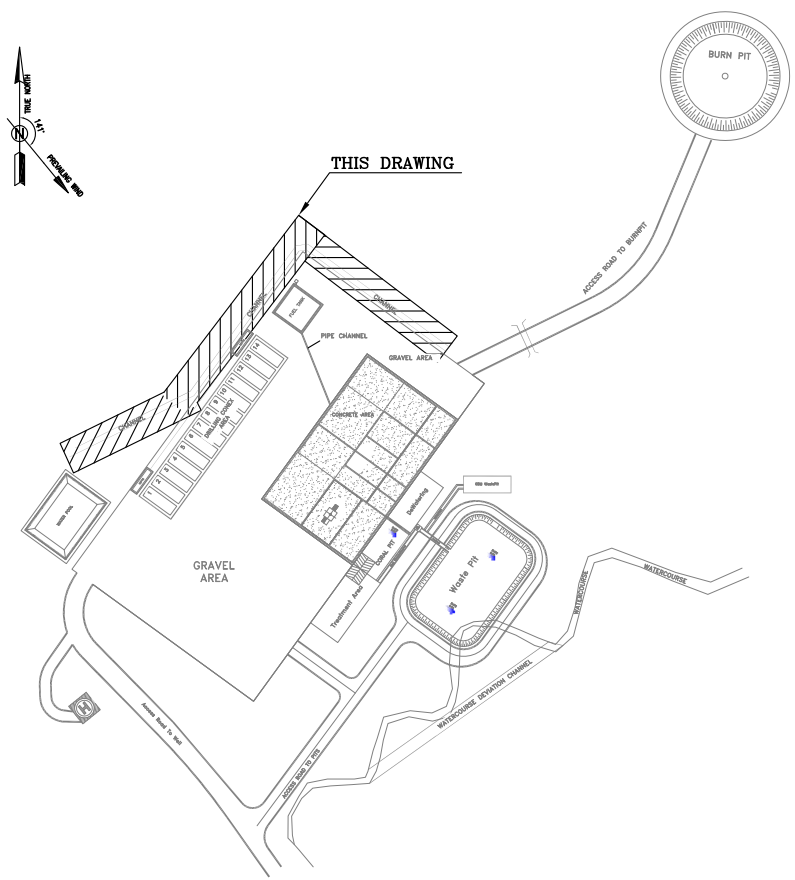
±0.00 = +31.00(R.G.L.)MSL

LEGEND AND ABBREVIATION

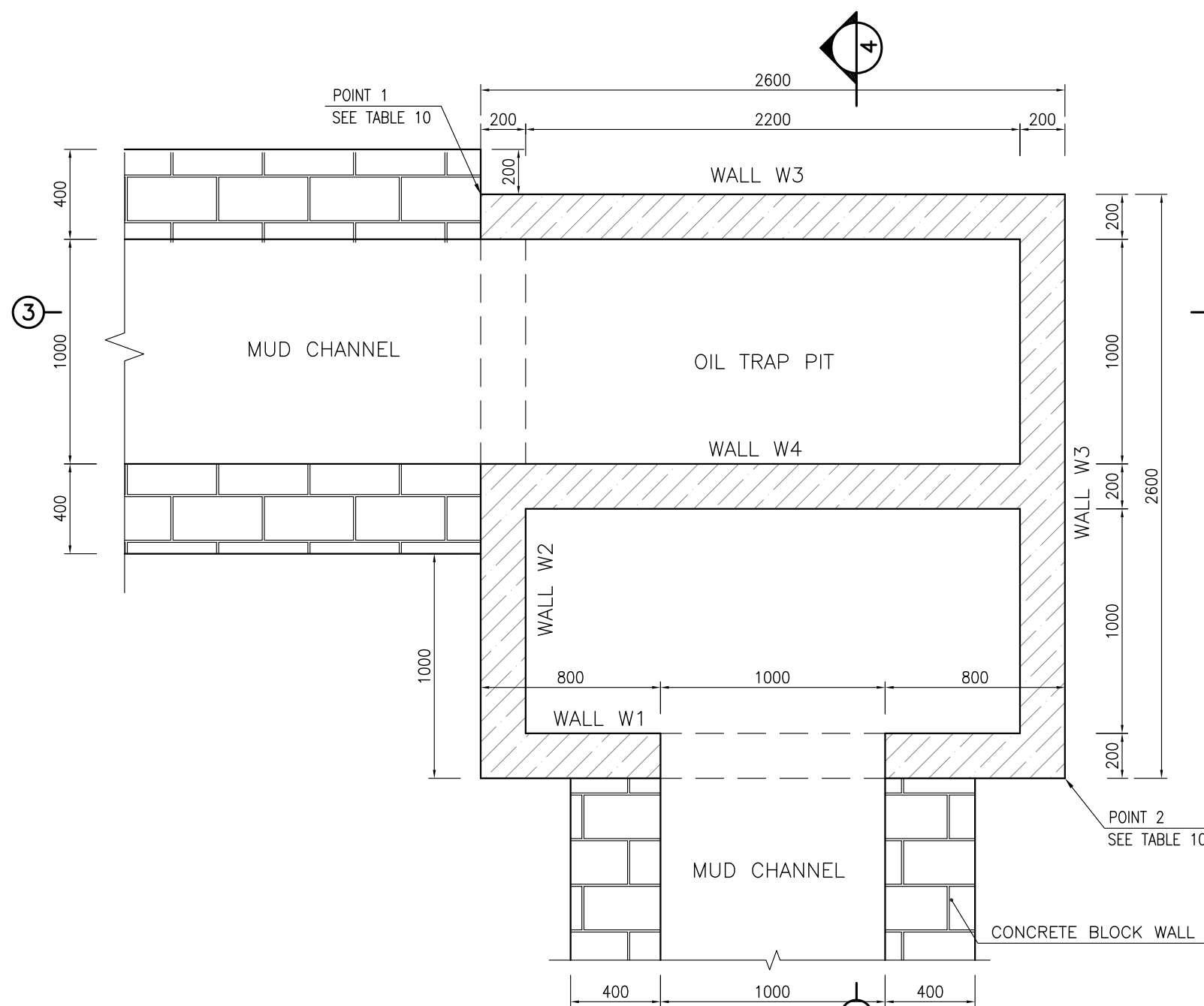
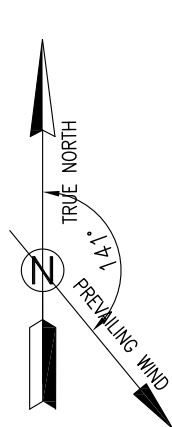
	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
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	GRAVEL	T.O.PIT	TOP OF PIT
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REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRL-PEDCO-000-CV-SP-0003
GENERAL 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

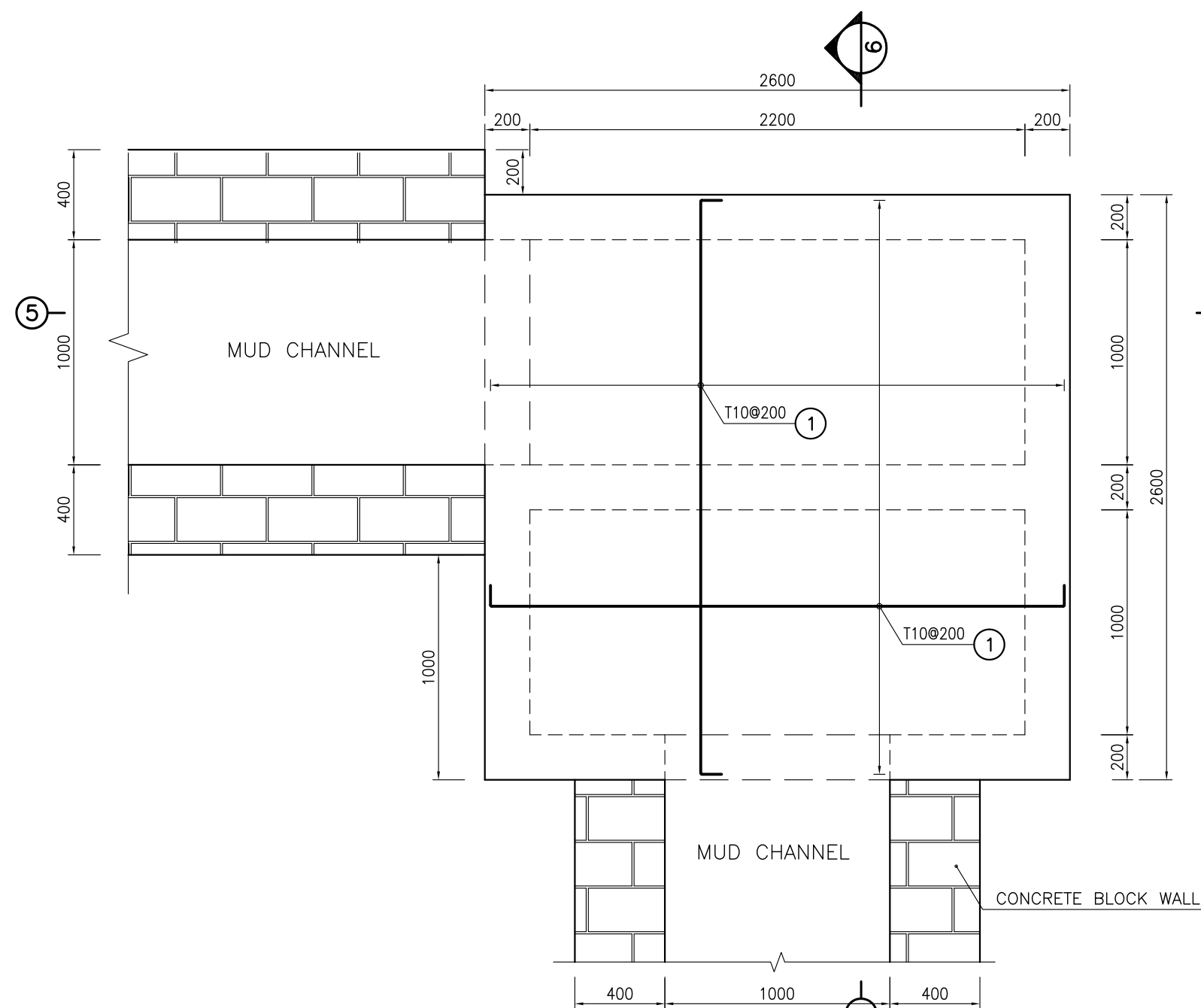
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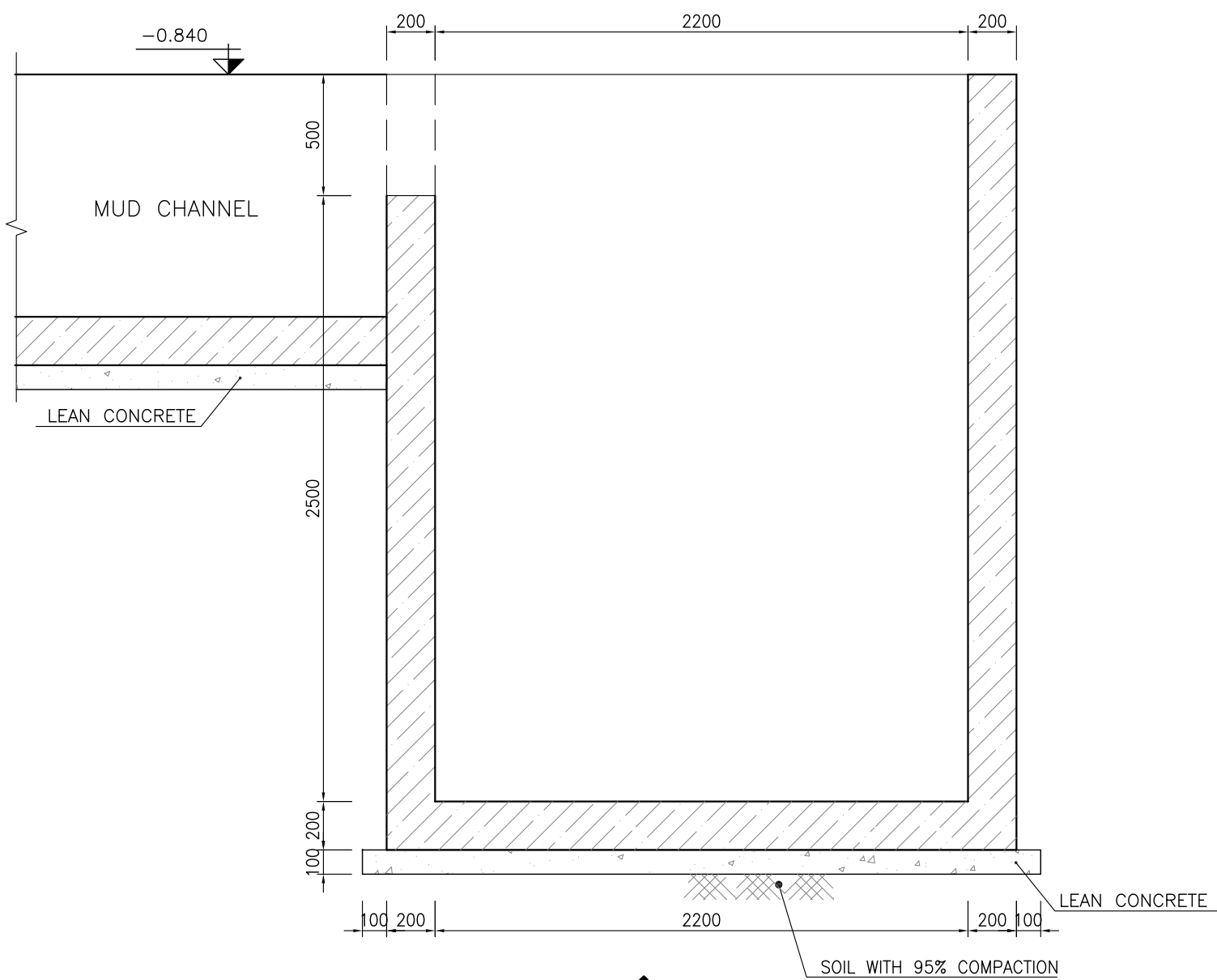
D03	MAY.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***						
D02	MAR.2022	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***	***	*****	***	*****	***	*****
D01	NOV.2021	IFA	R. BERLOUEI	M.FAKHARIAN	M.MEHRSHAD	***	REV.	DESCRIPTION	BY	DATE	BY	DATE
D00	OCT.2021	IFC	R. BERLOUEI	M.FAKHARIAN	SH.GHALKAR	***			CHECKED		REV. APPR.	
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	احمل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.					
PROJECT NAME:								THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS				
PROJECT NO.:												
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):				BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES					
 												
HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			PEDCO				DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.	
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED					
CIVIL AND STRUCTURAL DRAWINGS-W028S WATER CHANNEL FORMWORK PLAN-SECTION							APPROVED FOR CONSTRUCTION		BY:		DATE:	
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	REVISION
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			16 OF 41	D03	053-073-9184	F	4	2	707548	D03



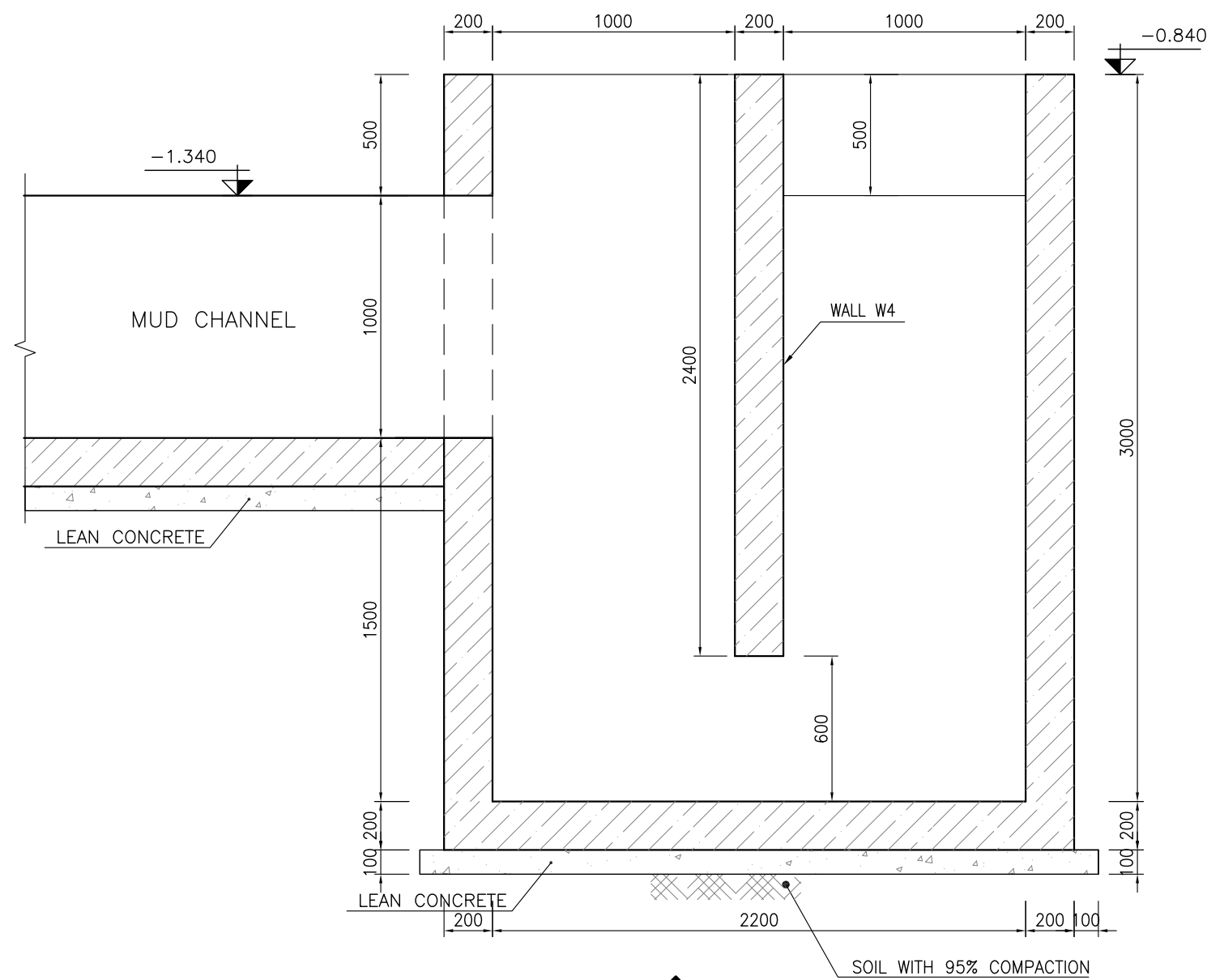
1:25 1 OIL TRAP PIT PLAN
FORMWORK



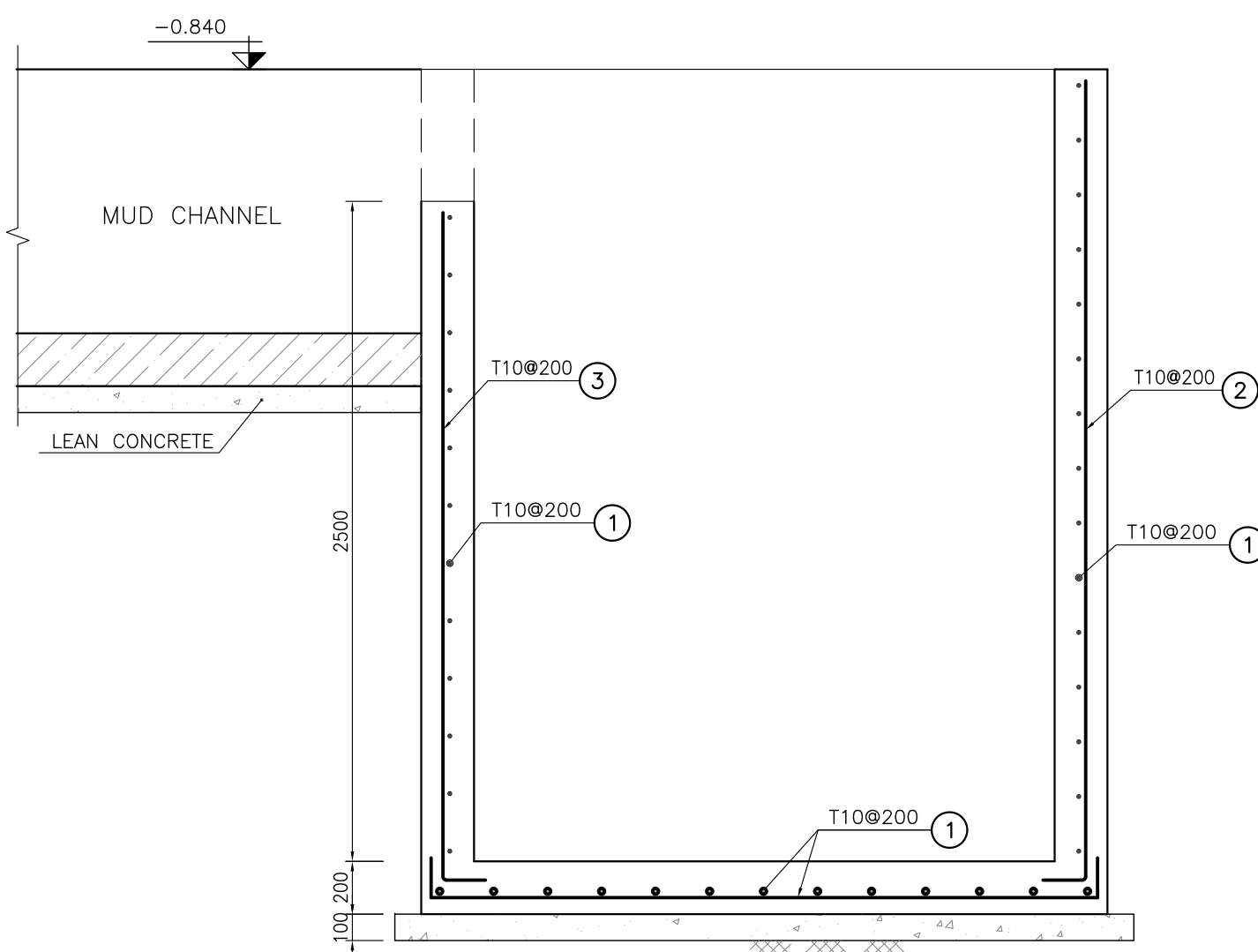
1:25 2 OIL TRAP PIT PLAN
REINFORCEMENT



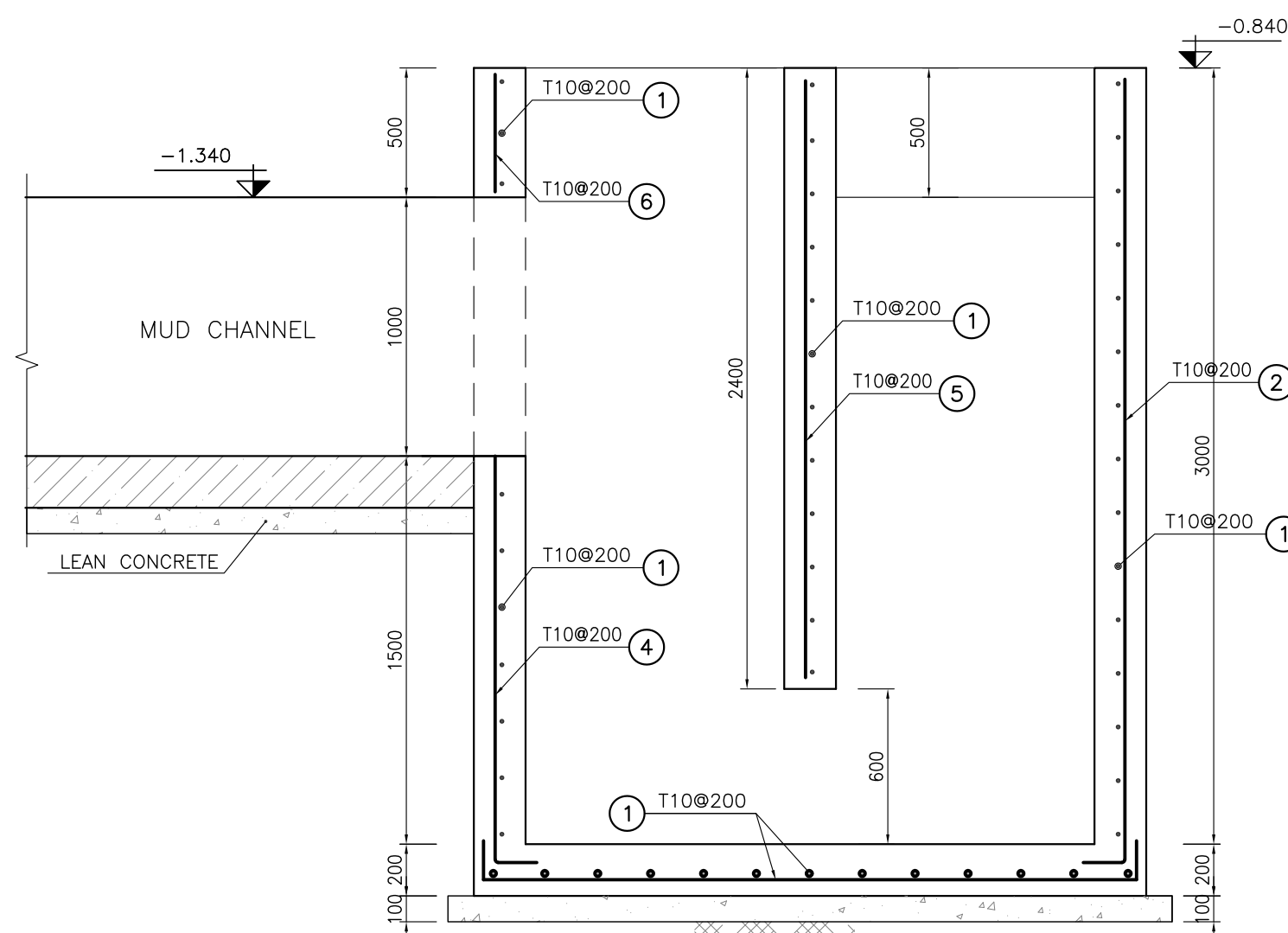
1:25 3 FORMWORK



1:25 4 FORMWORK



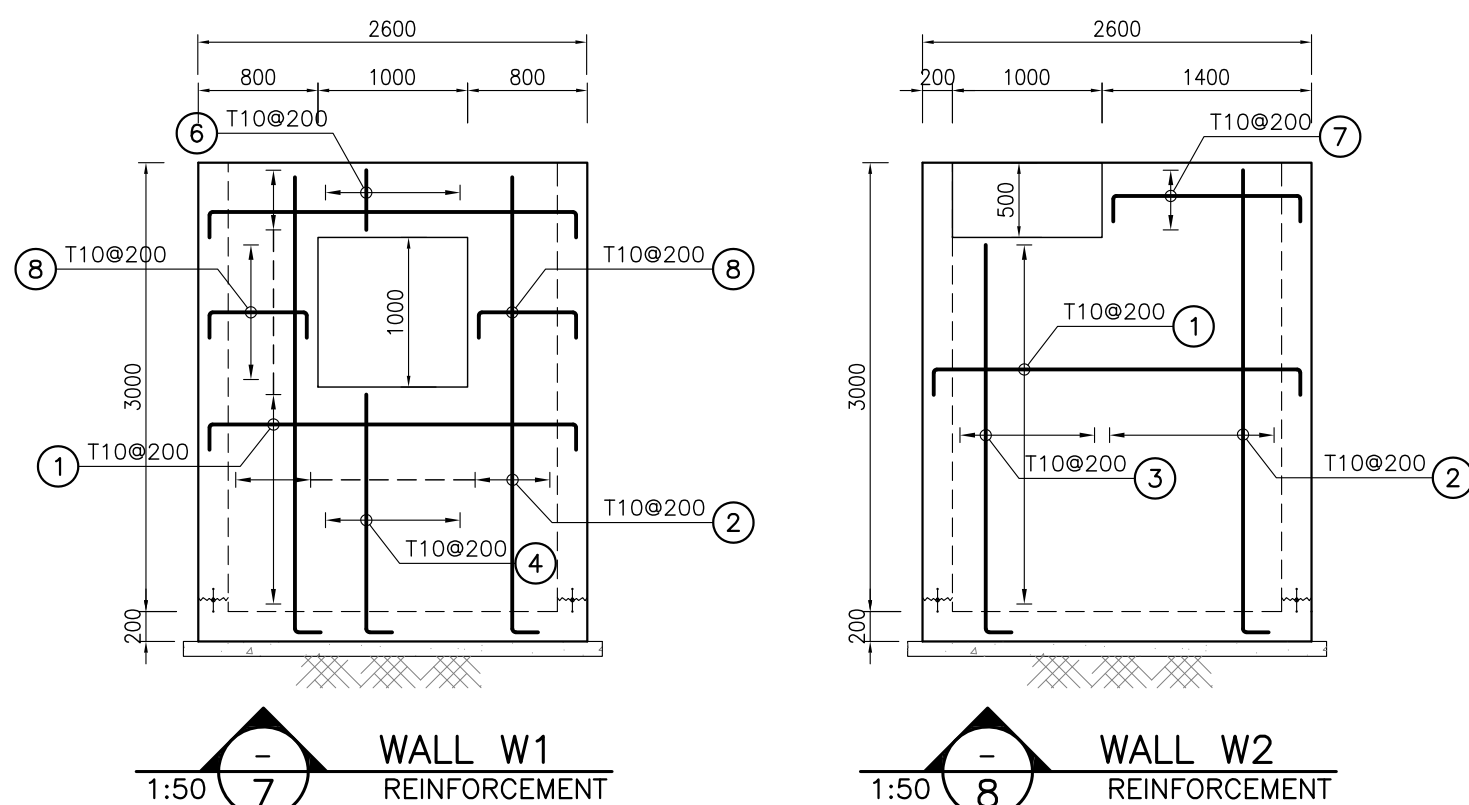
1:25 5 REINFORCEMENT



1:25 6 REINFORCEMENT

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/m2)					433.40
UNIT WEIGTH (Kg)					0.617
WEIGTH (Kg)					267.40
GRAND TOTAL (Kg)					270



1:50 7 WALL W1
REINFORCEMENT

1:50 8 WALL W2
REINFORCEMENT

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

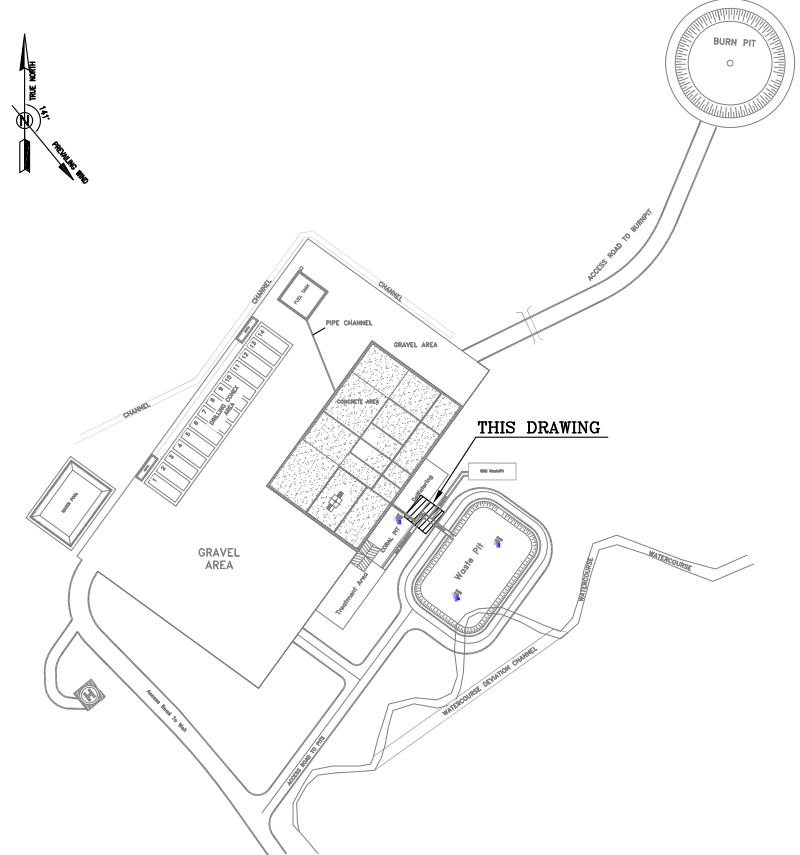
±0.00 = +31.00(R.G.L.)MSL

LEGEND AND ABBREVIATION

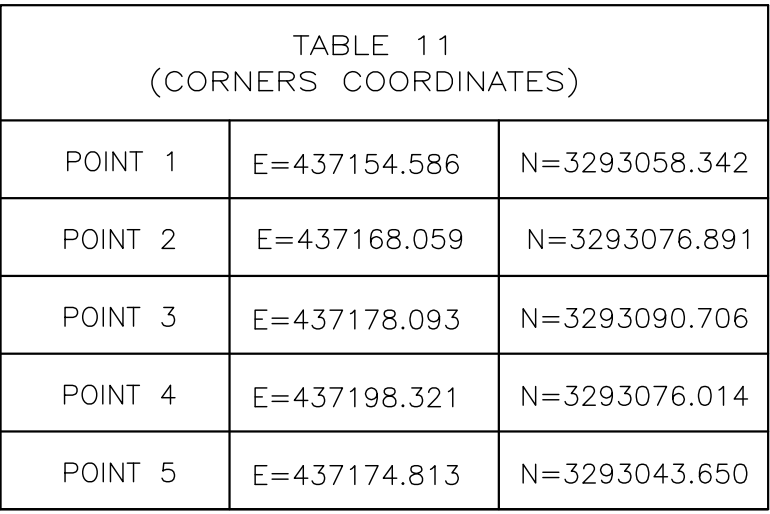
	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
	GRAVEL	T.O.PIT	TOP OF PIT
	SUB GRADE	B.O.P.	BOTTOM OF PIPE
	SLOPE	R.G.L.	ROUGH GRADING LEVEL

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

KEY PLAN



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	***	REV.	DESCRIPTION	BY	DATE	BY	DATE	
D00	OCT.2021	IFC	R. BERLOUEI	M.PAKHARIAN	SH.GHALIKAR	***			CHECKED				REV. APPR.
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.			اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.				
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PROJECT NO.:													
971020													
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):				BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES						
HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			PETROIRAN DEVELOPMENT COMPANY										
							DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG		
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SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			17 OF 41	D03	053-073-9184	F	4	2	707548	17	D03



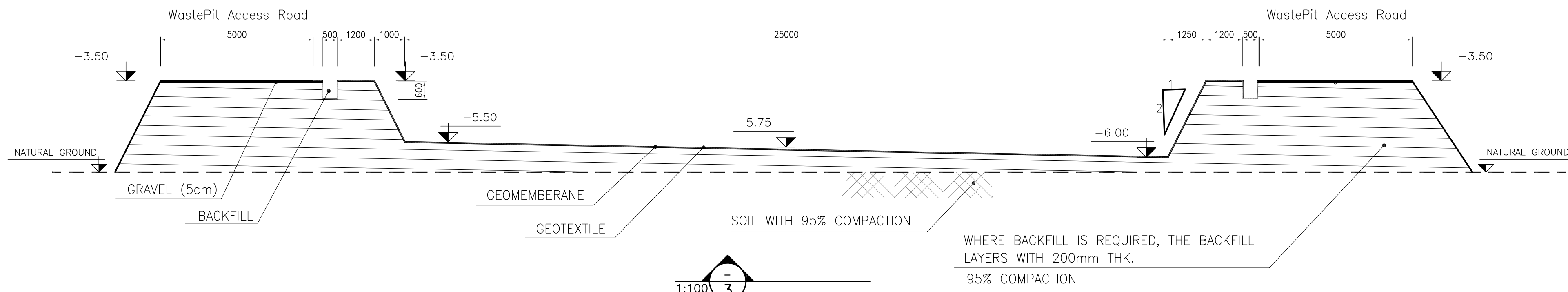
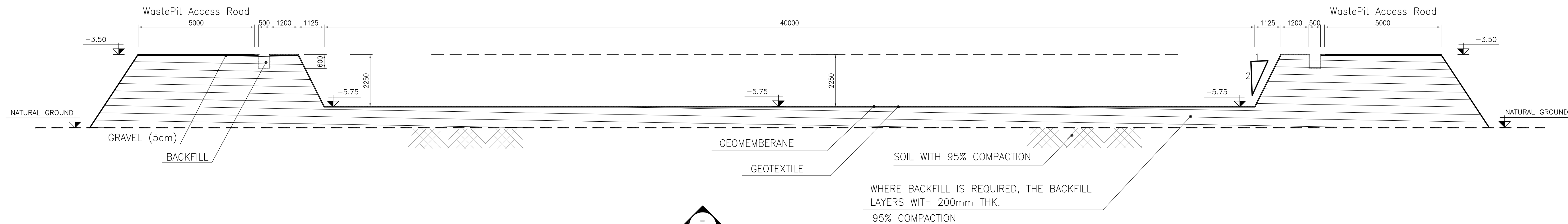
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ELLIPSOID : WGS84
DATUM : GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL

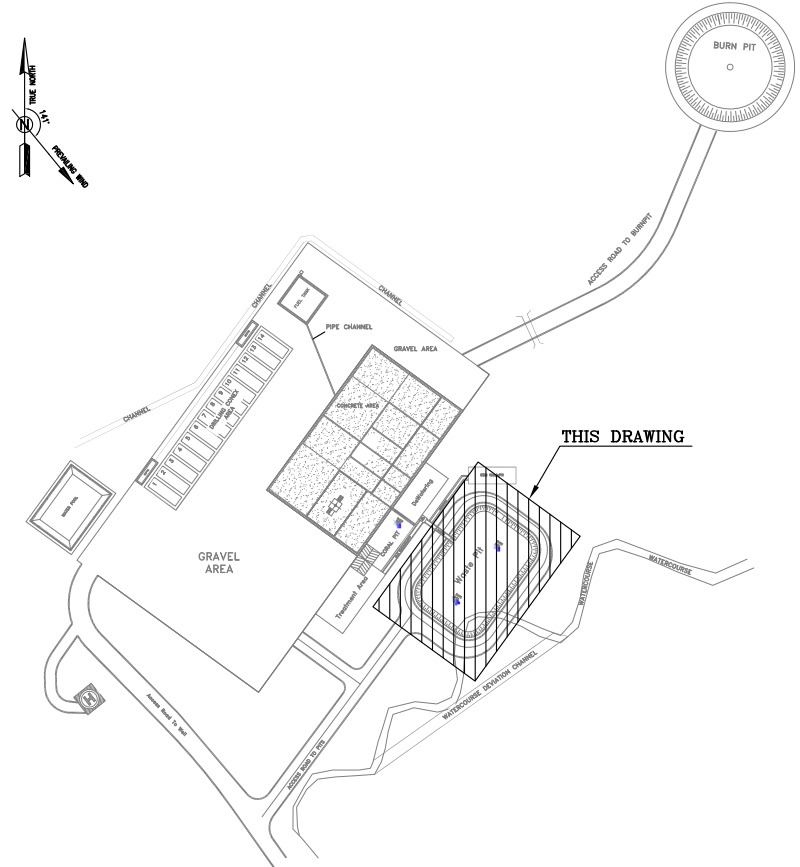
LEGEND AND ABBREVIATION

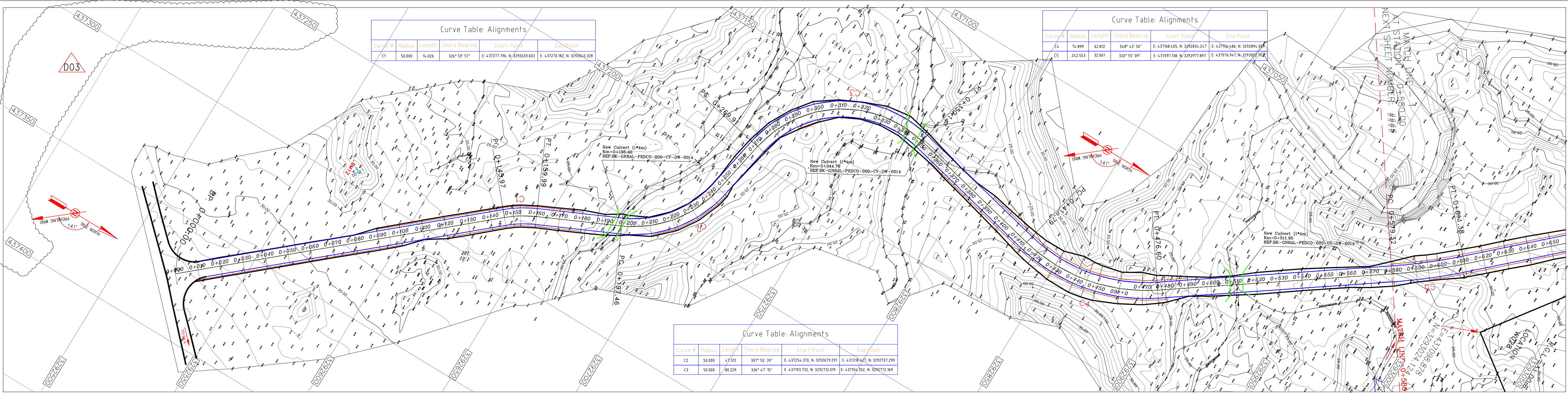
	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
	GRAVEL	T.O.PIT	TOP OF PIT
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REFERENCE DRAWING	DRG. No.
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GENERAL CIVIL LAYOUT - 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-GNRL-PEDCO-000-CV-DW-0014
STANDARD DETAILS FOR MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040

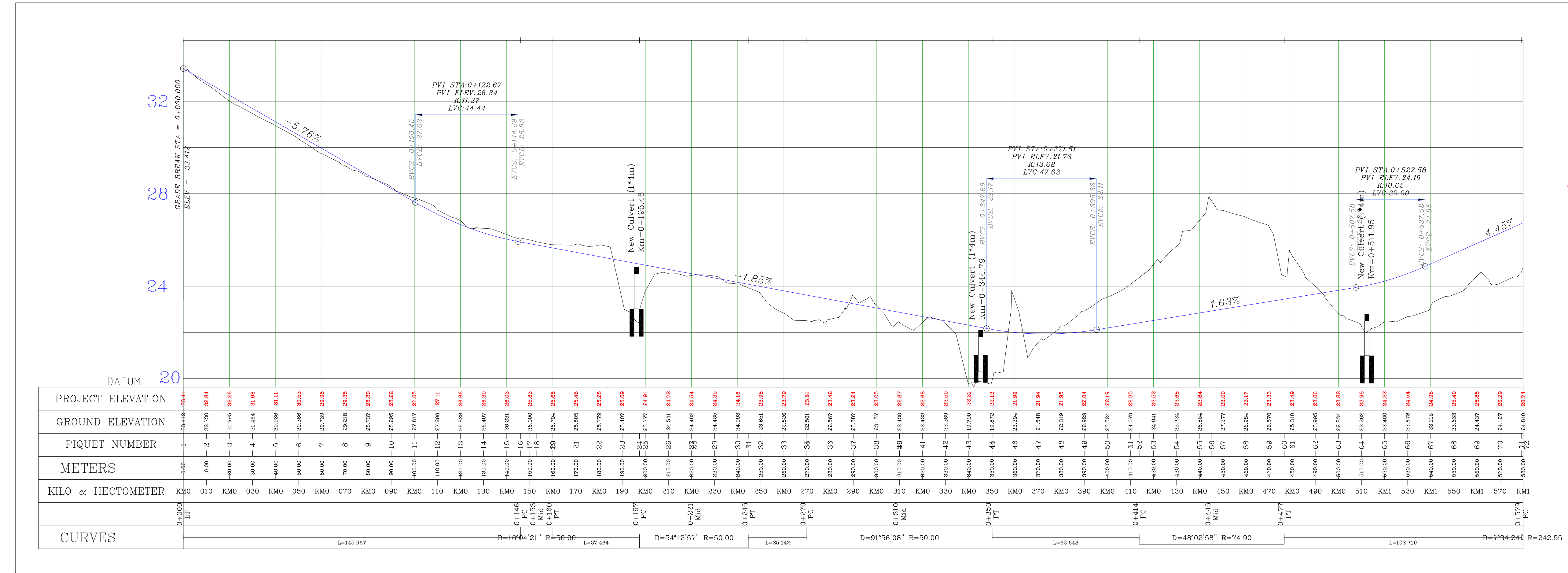


D03
TOTALLY REVISED

[illegible]



MAIN ACCESS ROAD PLAN



MAIN ACCESS ROAD PROFILE

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

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	***	REV.	DESCRIPTION	BY	DATE	BY	DATE	
D00	OCT.2021	IPC	R. BERLOUEI	M.PAKHARIAN	SH.GHALIKAR	***			CHECKED		REV. APPR.		
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کليه نسخ اين نقشه و اتمامات متعلق به شرکت ملی مناطق نفت خيز جنوب ميباشد.						
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PROJECT NO.:			971020										
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):				BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES						
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY										
							DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.		
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
CIVIL AND STRUCTURAL DRAWINGS-W028S ACCESS ROAD PLAN AND PROFILE SECTION							APPROVED FOR CONSTRUCTION			BY:		DATE:	
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			19 OF 41	D03	053-073-9184	F	4	2	707548	19	D03

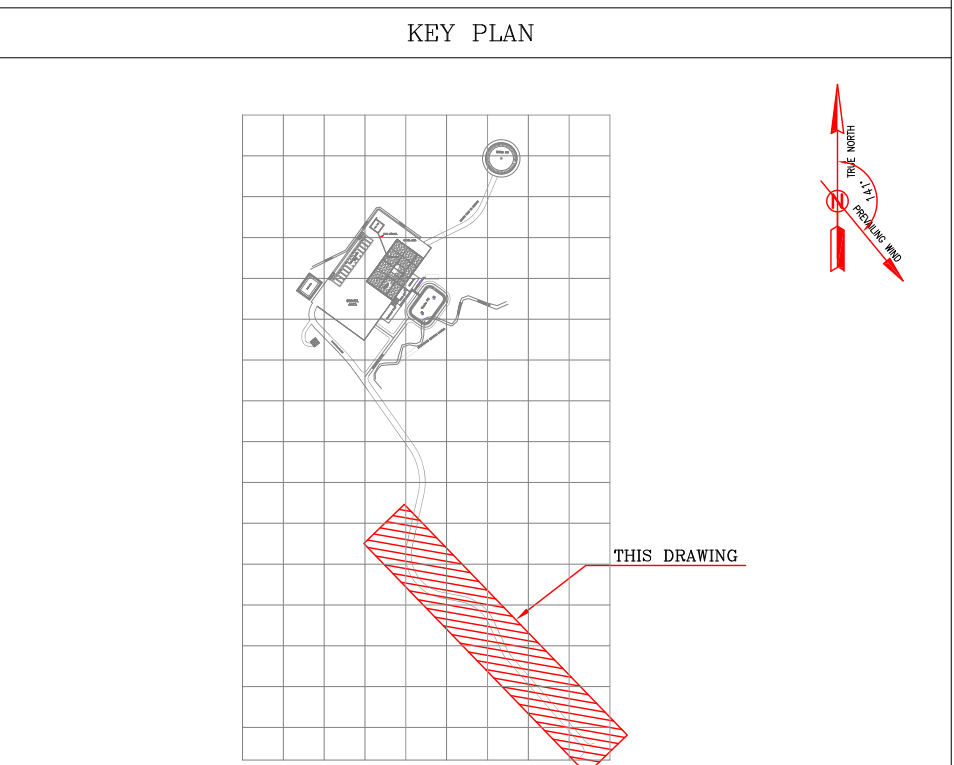
- NOTES
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 - 2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
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ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (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-GNRAI-PEDCO-000-CV-SP-0004".
 - GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
 - 5-BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP SOIL SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION

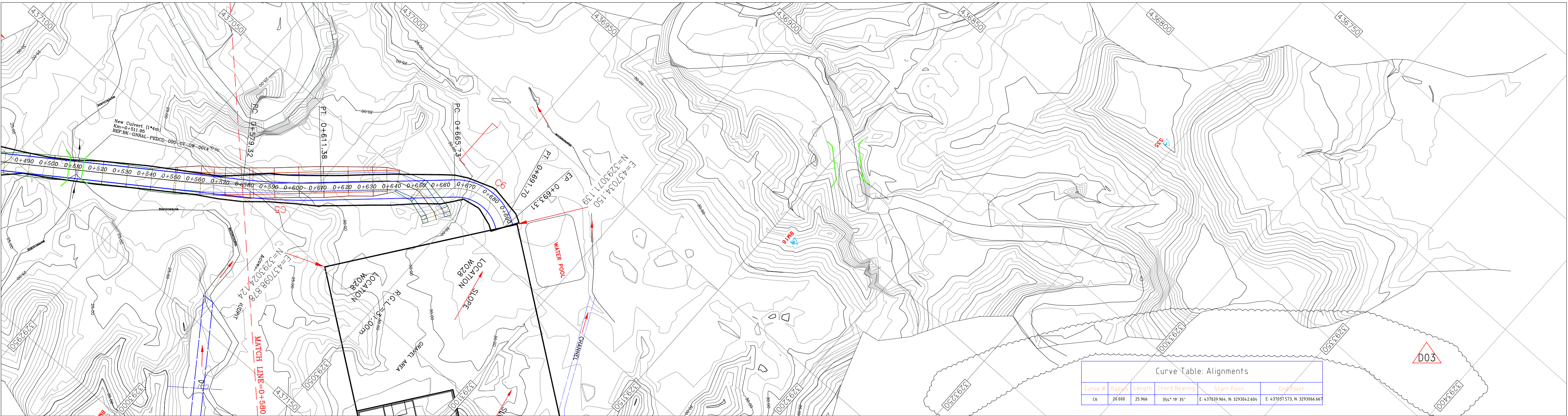
- LEGEND
- WELL LOCATION
 - WELL
 - SITE
 - CAMP SITE
 - ASPHALT ROAD
 - GRAVEL ROAD
 - PROPOSED ROAD
 - DAYLIGHT
 - CANAL
 - RIVER
 - WATER COURSE
 - CONTOURS
 - SPOT HEIGHT
 - BENCH MARK
 - BRIDGE
 - CULVERT

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-GNRAI-PEDCO-000-CV-DW-0014
Specification For Earth Work	BK-GNRAI-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAI-PEDCO-000-CV-DW-0002
Specification For Road & Paving	BK-GNRAI-PEDCO-000-CV-SP-0002

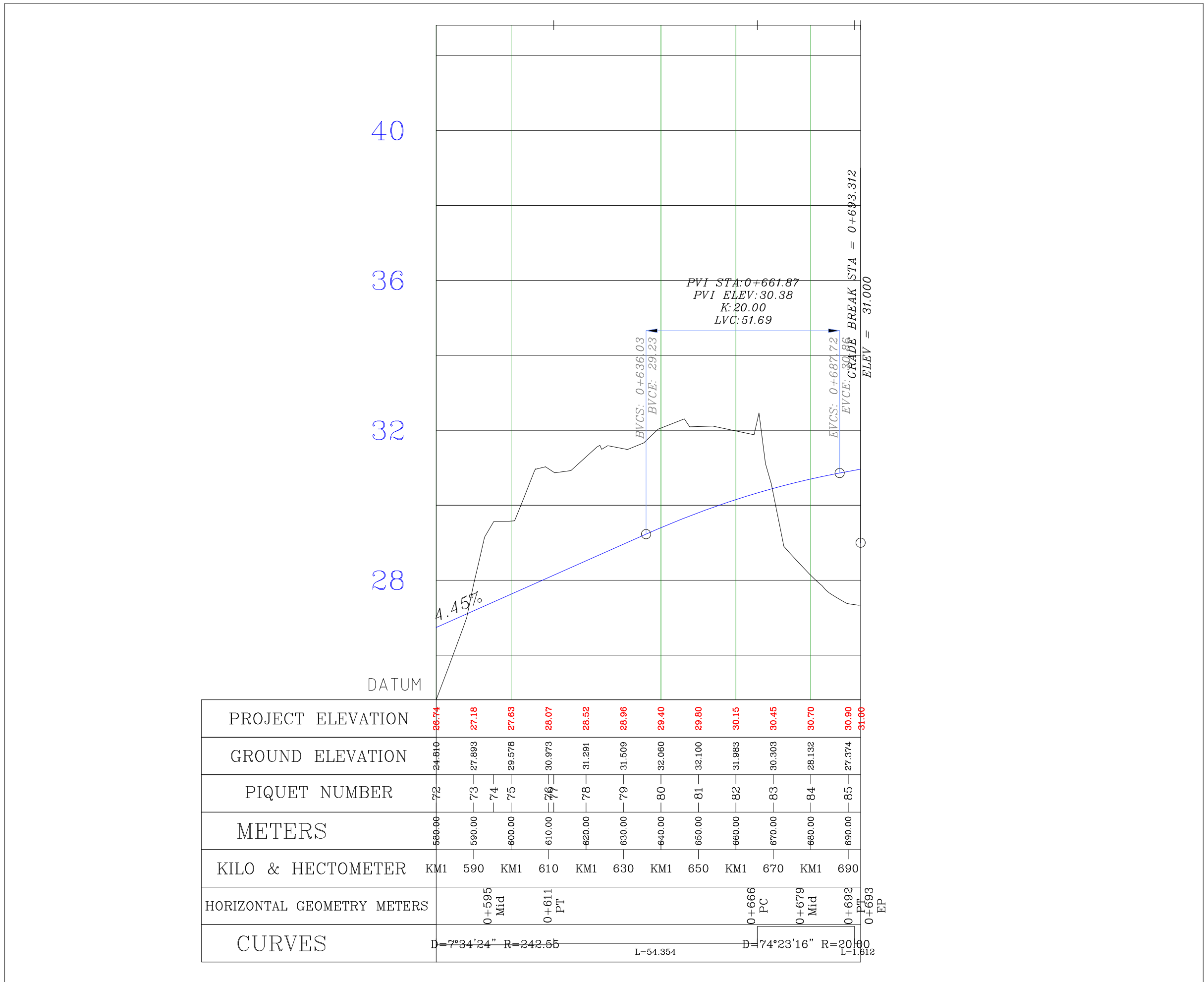
ABBREVIATION

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





MAIN ACCESS ROAD PLAN



MAIN ACCESS ROAD PROFILE

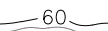
BENCH MARK LIST			
NAME	Easting(m)	Northing(m)	Elevation(m)
BM16	436964.749	3293160.118	37.566
S35	436834.486	3293246.697	45.665

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

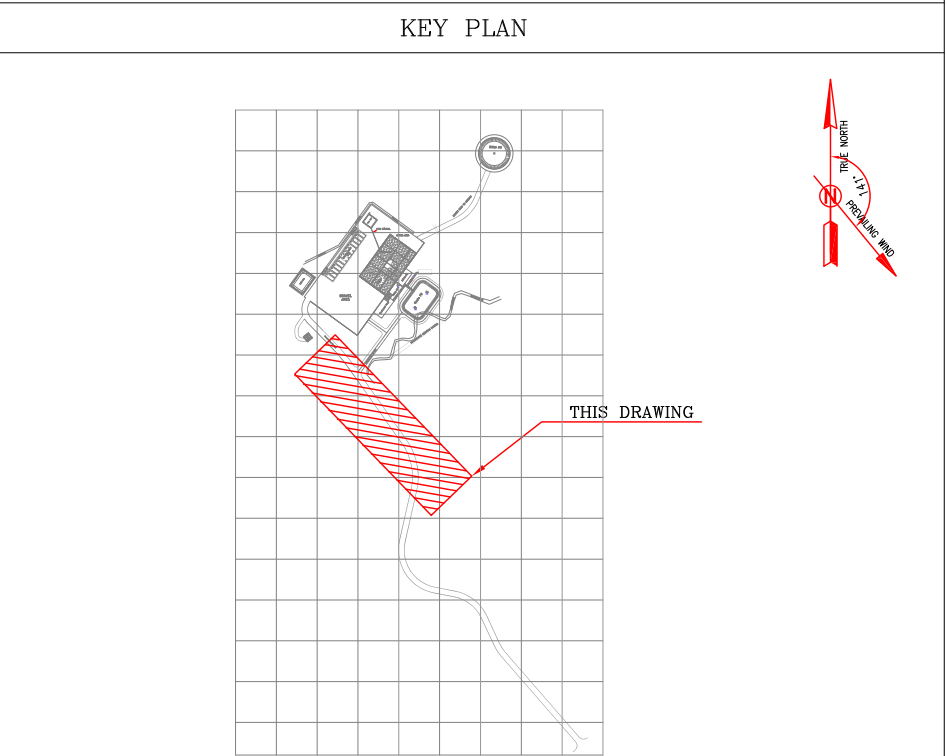
D03	MAY.2022	IPA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***													
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D01	NOV.2021	IPA	R. BERLOUEI	M.PAKHARIAN	M.MEHRSHAD	***	REV.	DESCRIPTION	BY	DATE	BY	DATE							
D00	OCT.2021	IPC	R. BERLOUEI	M.PAKHARIAN	SH.GHALIKAR	***			CHECKED		REV. APPR.								
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کليه نسخ اين نقشه و حق انقباض متعلق به شرکت ملي مناطق نفت خيز جنوب ميباشد.												
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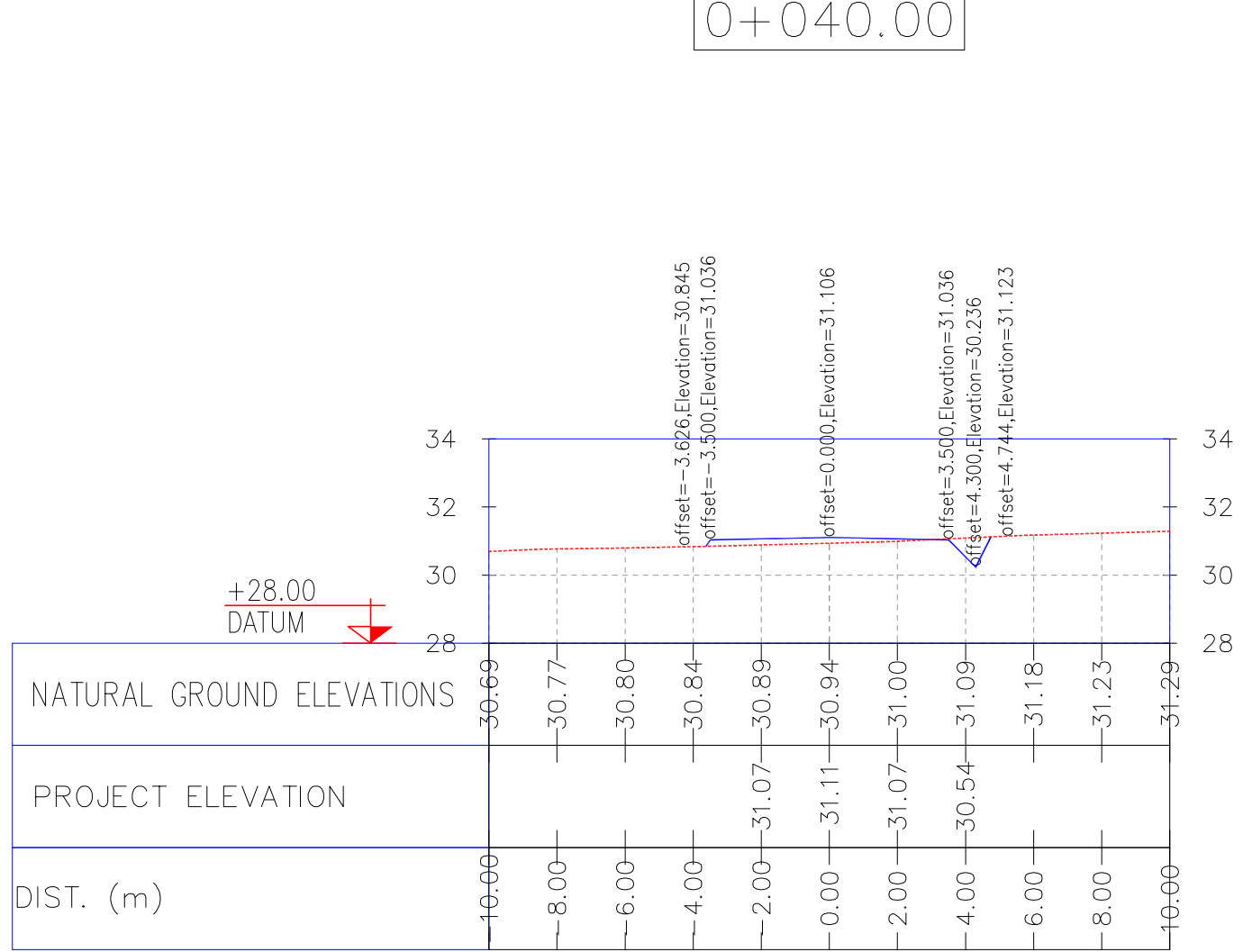
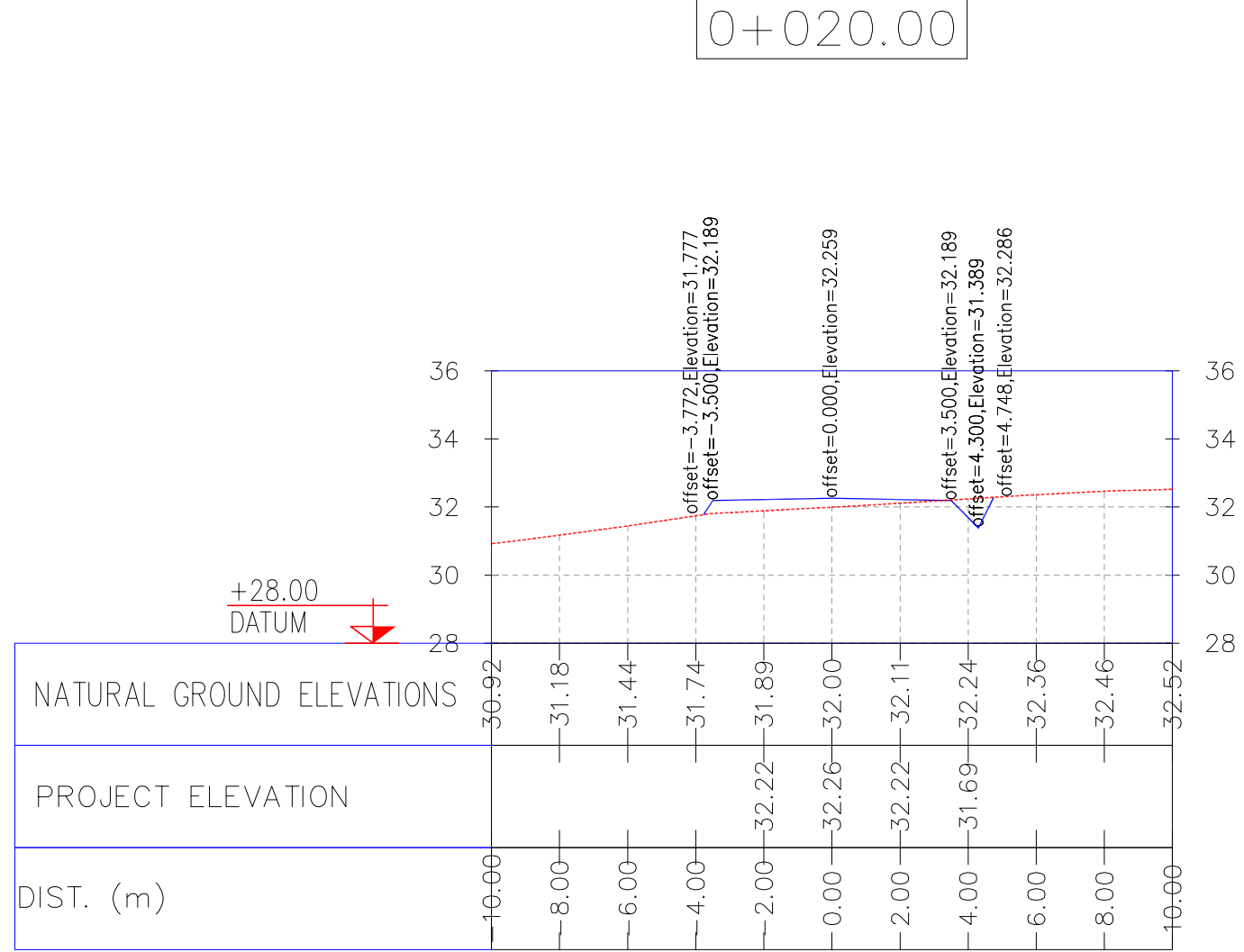
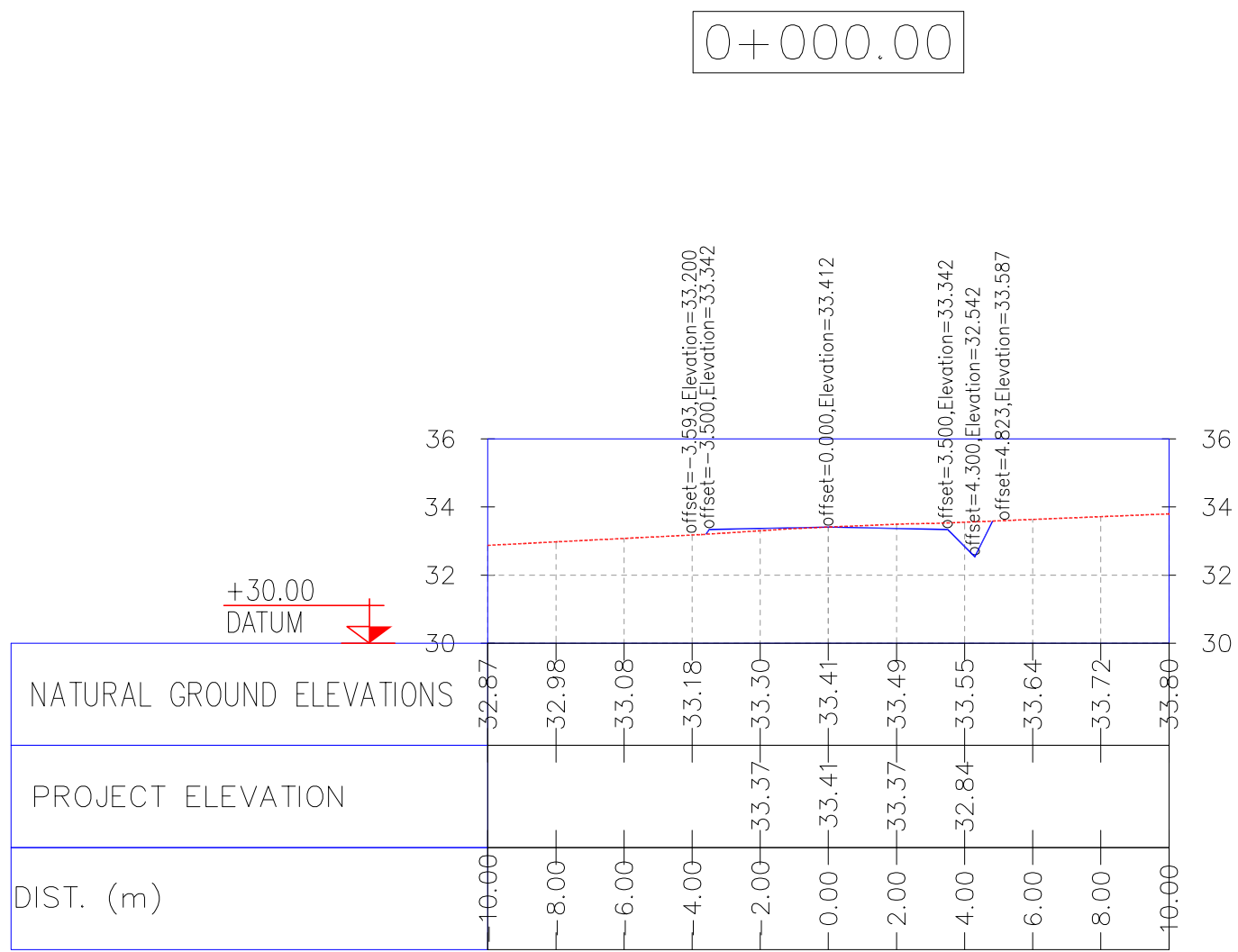
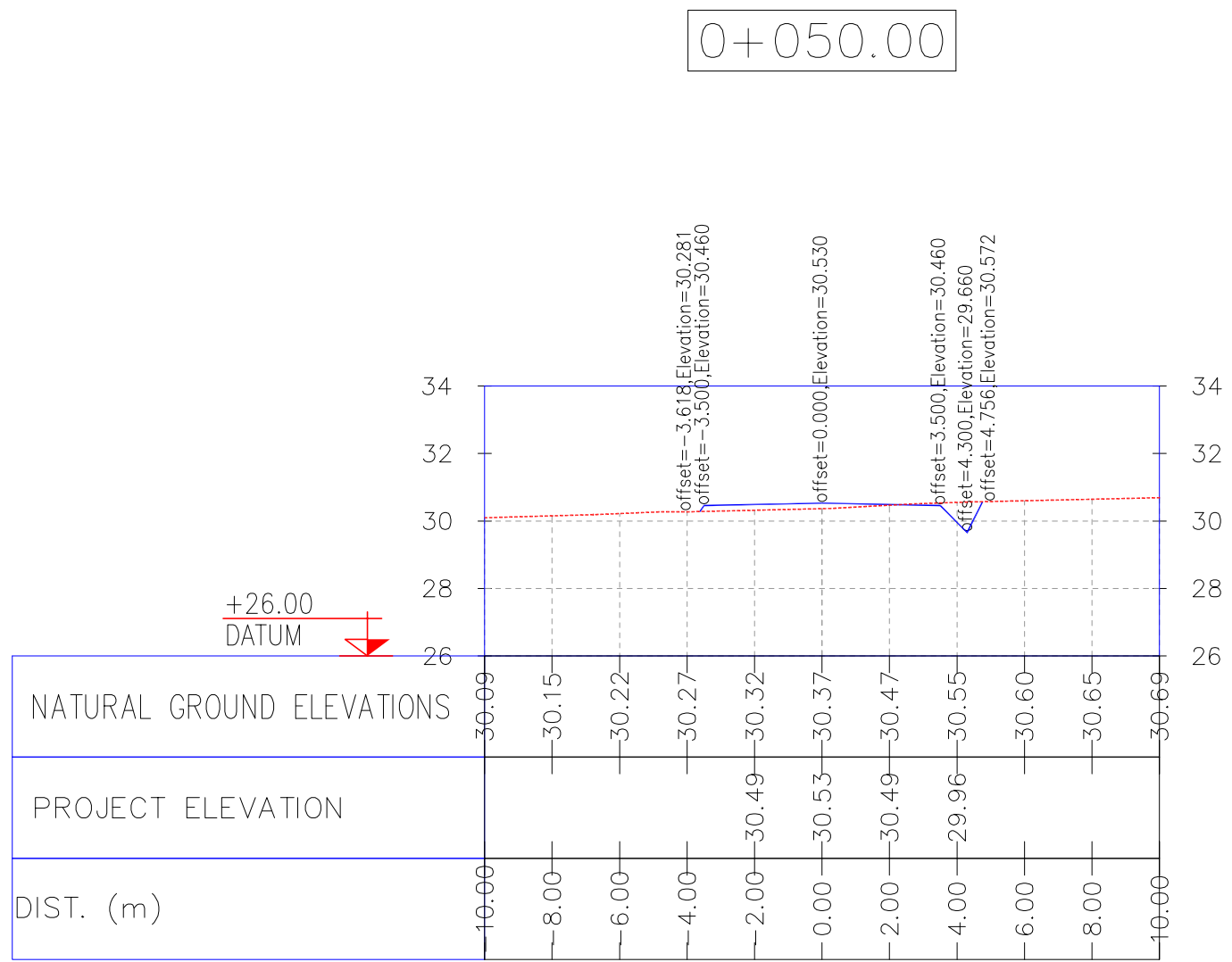
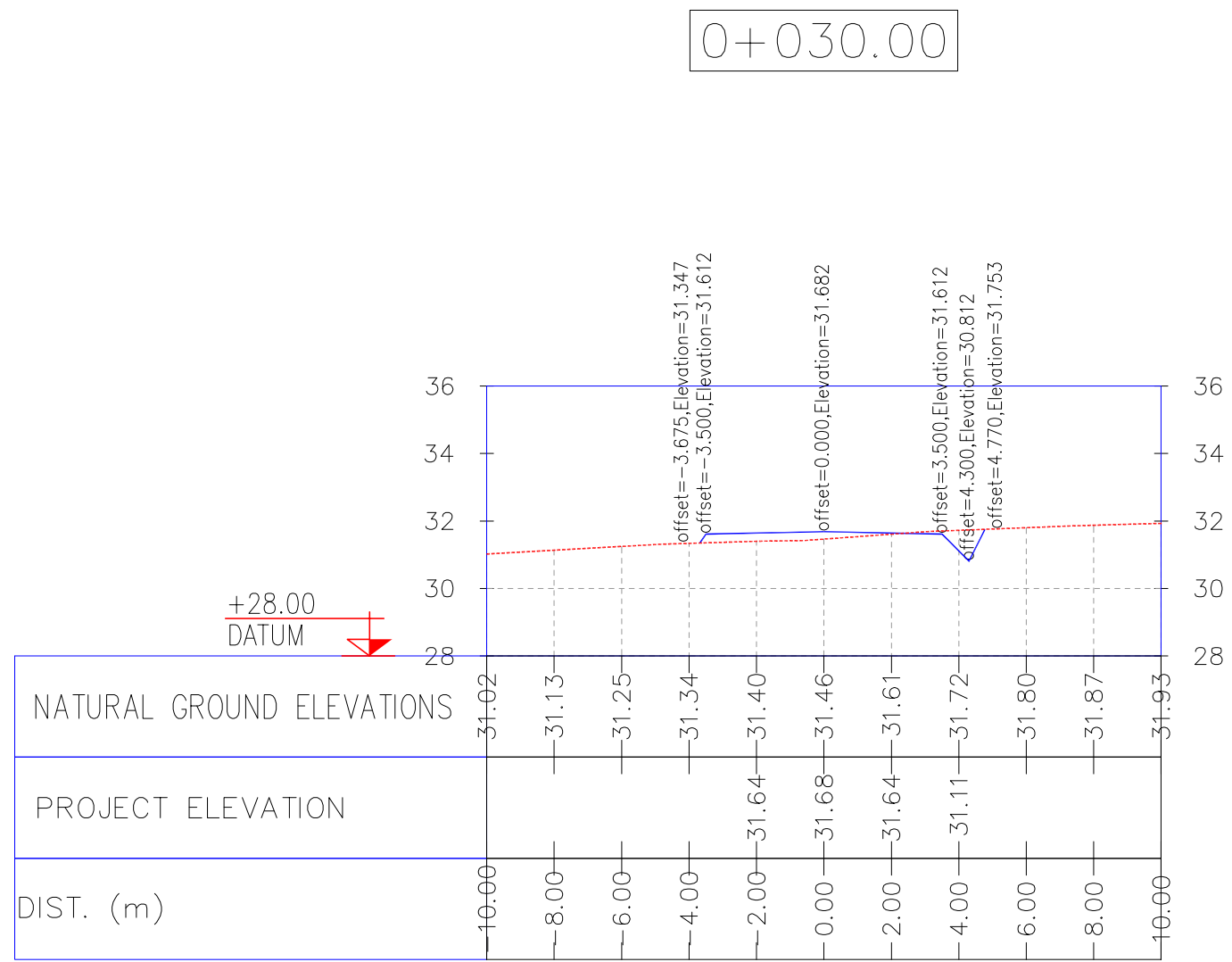
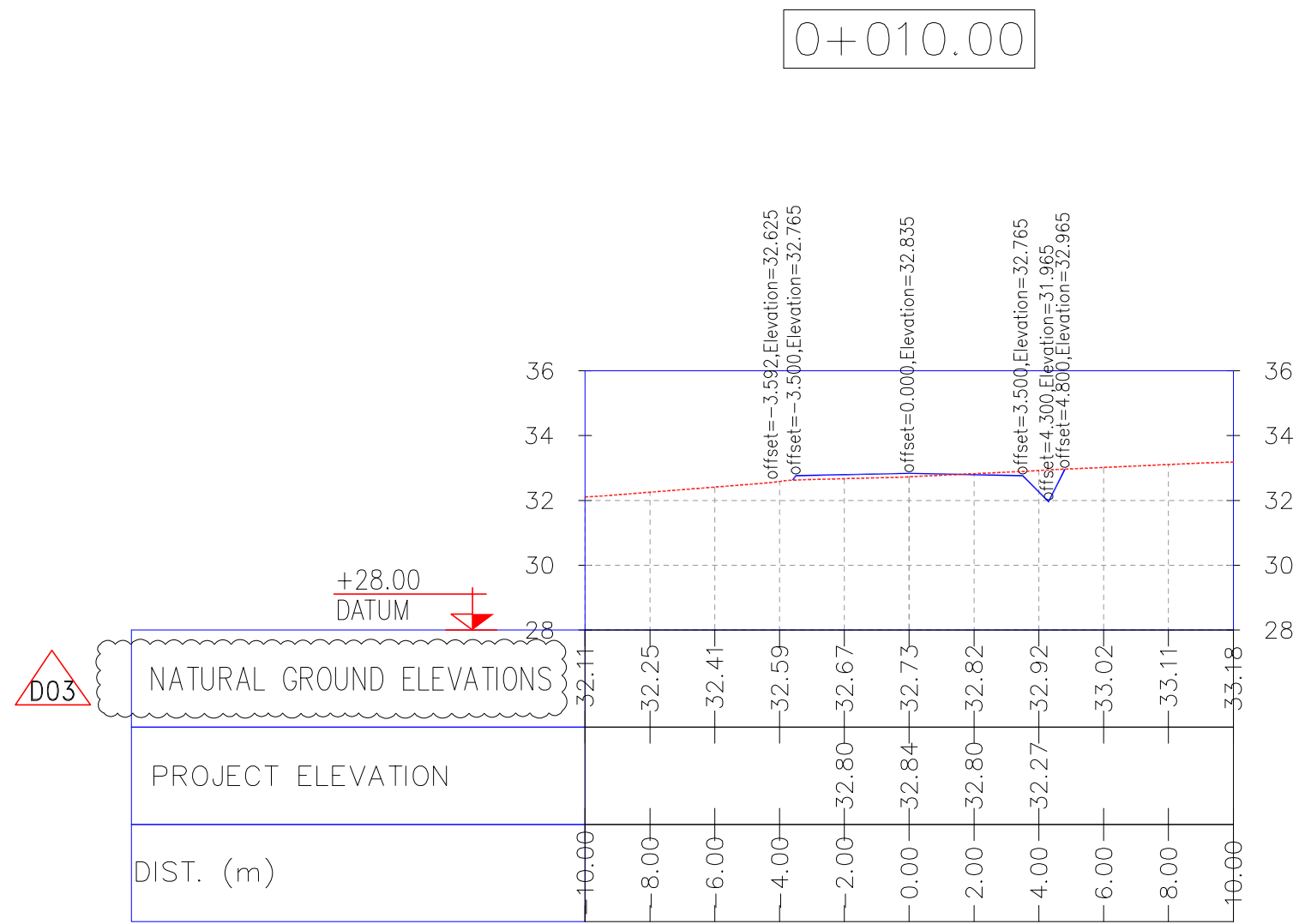
- NOTES
- 1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
 - 2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
 - 3-GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
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-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

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
Specification For Road & Paving	BK-GNRAL-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





NOTES

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ELLIPSOID : WORLD GEOETIC SYSTEM 1984 (WGS84)

MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)

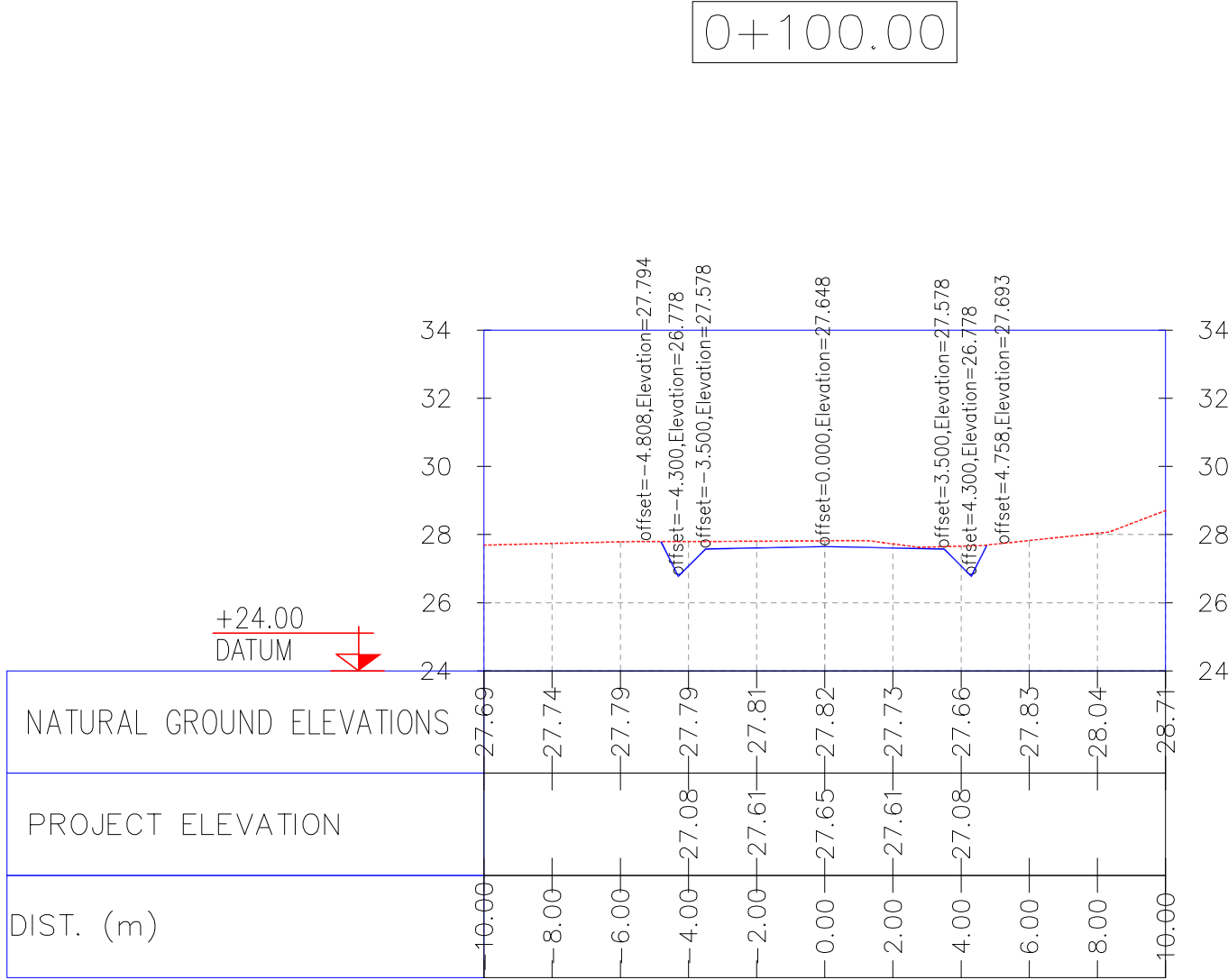
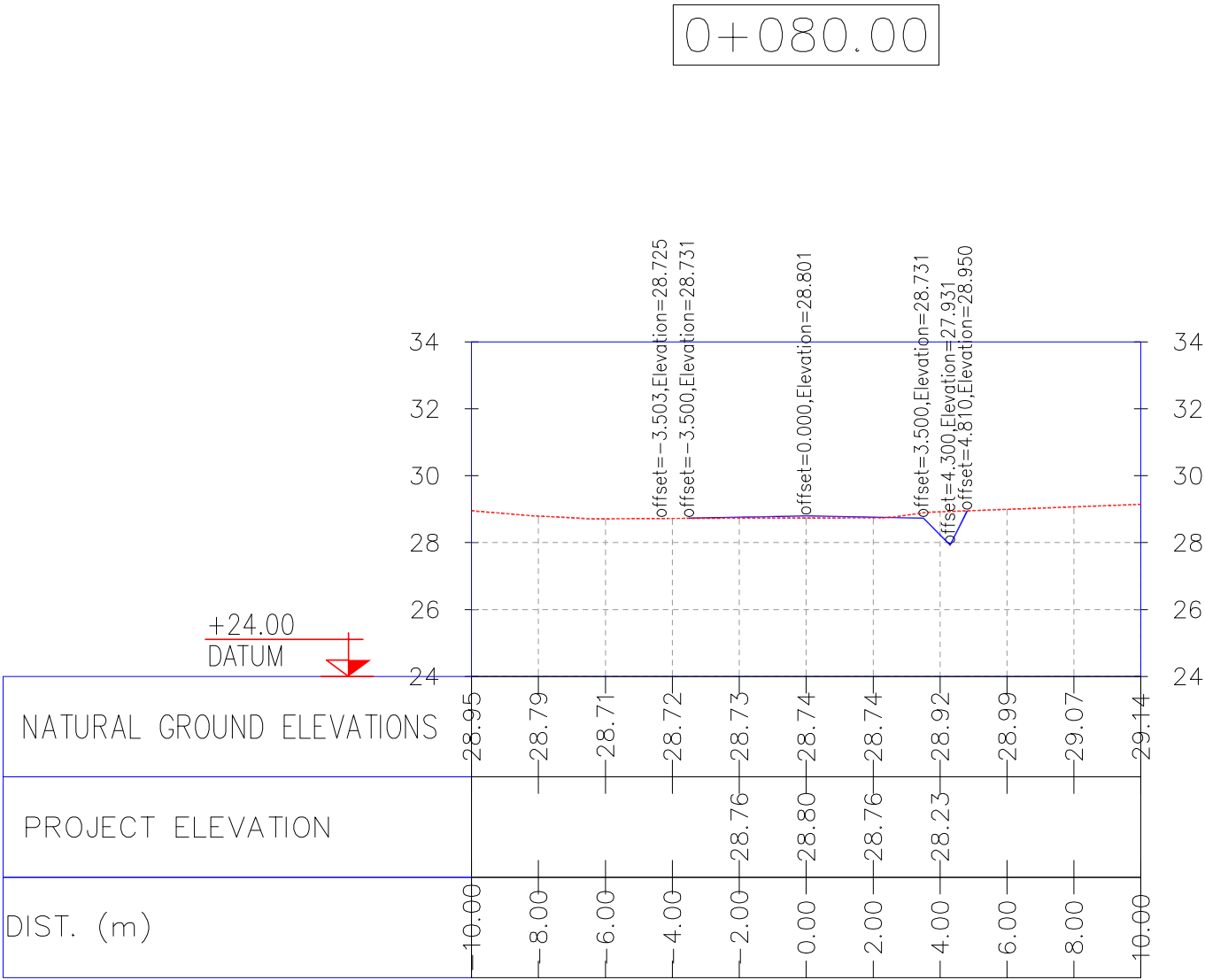
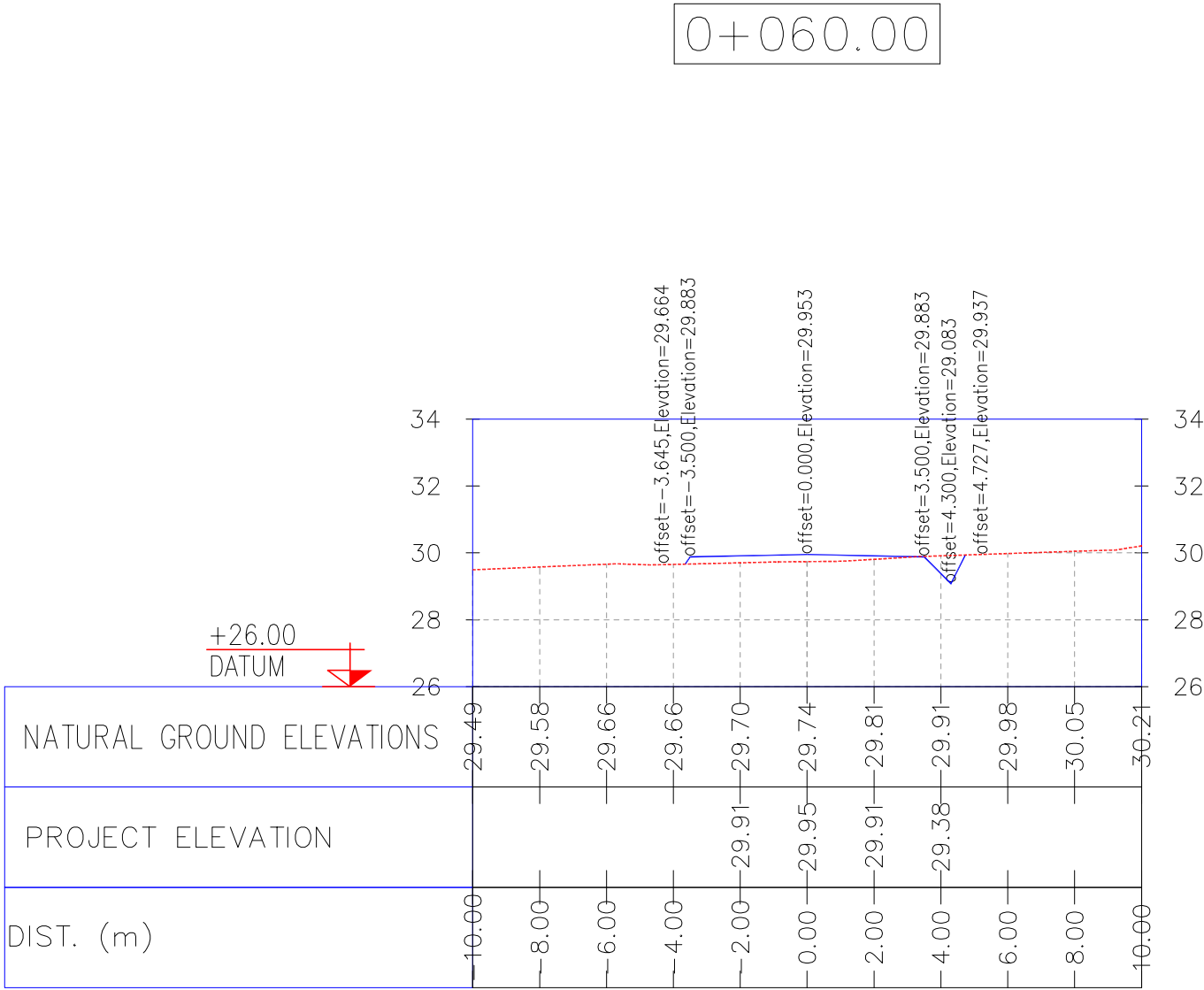
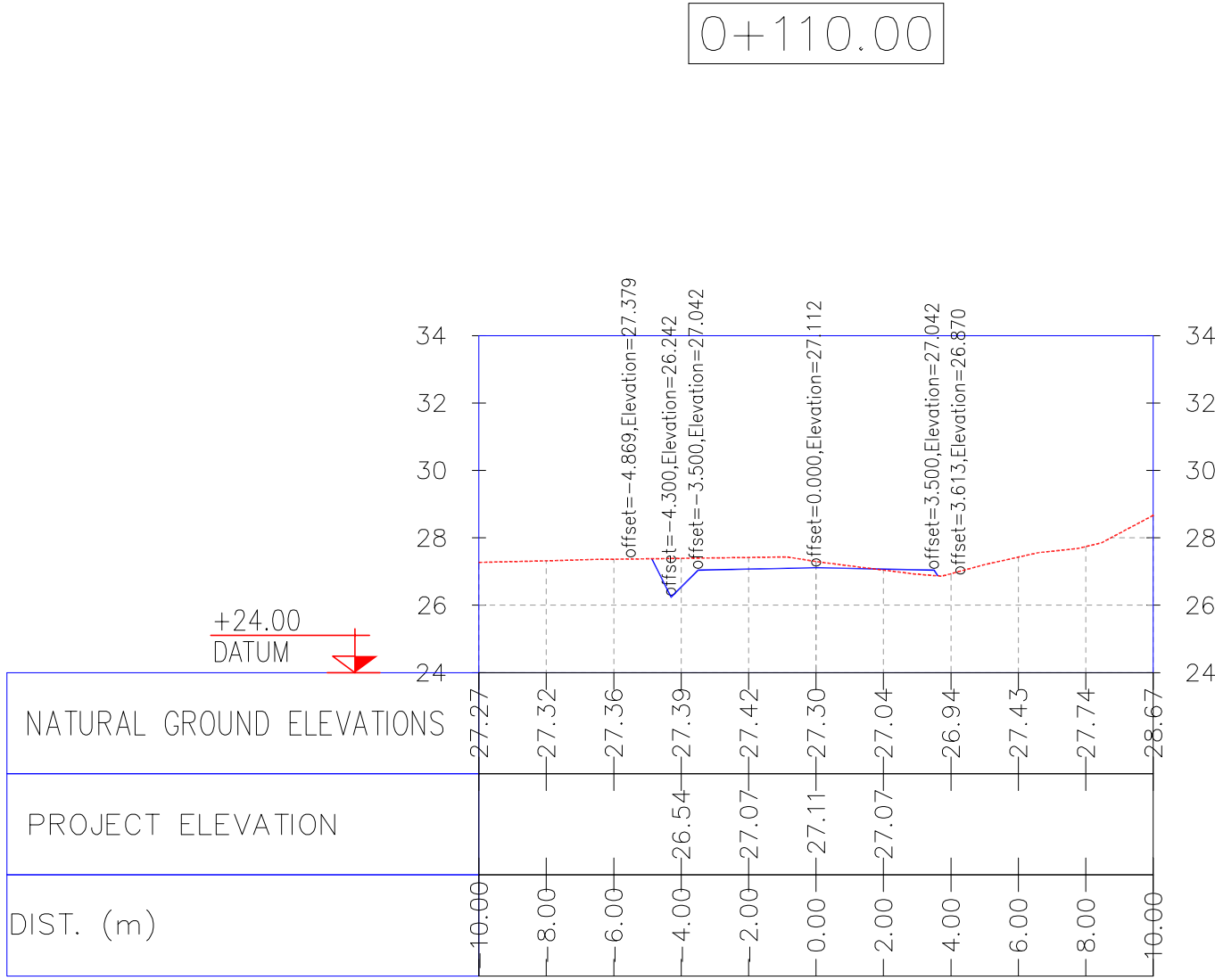
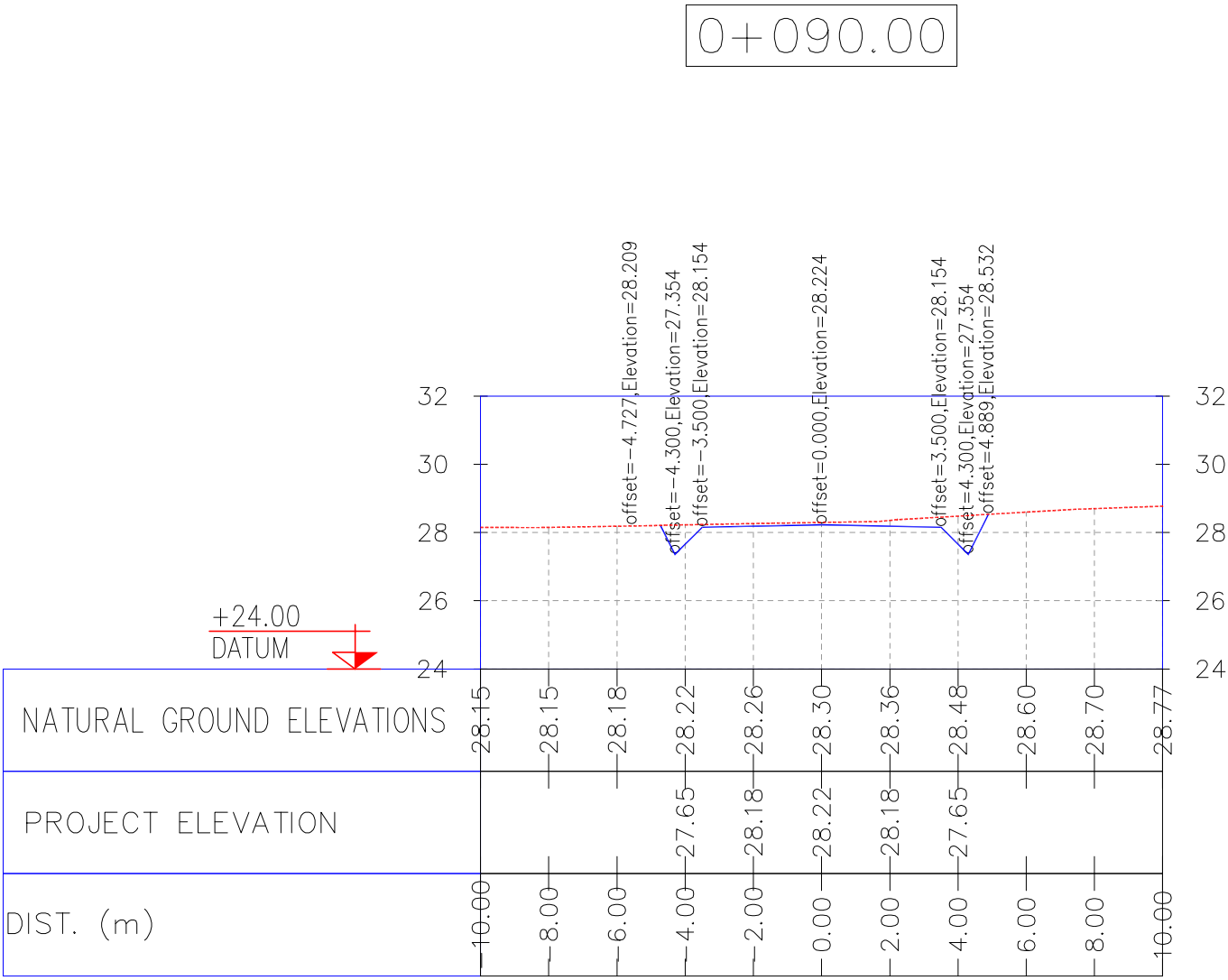
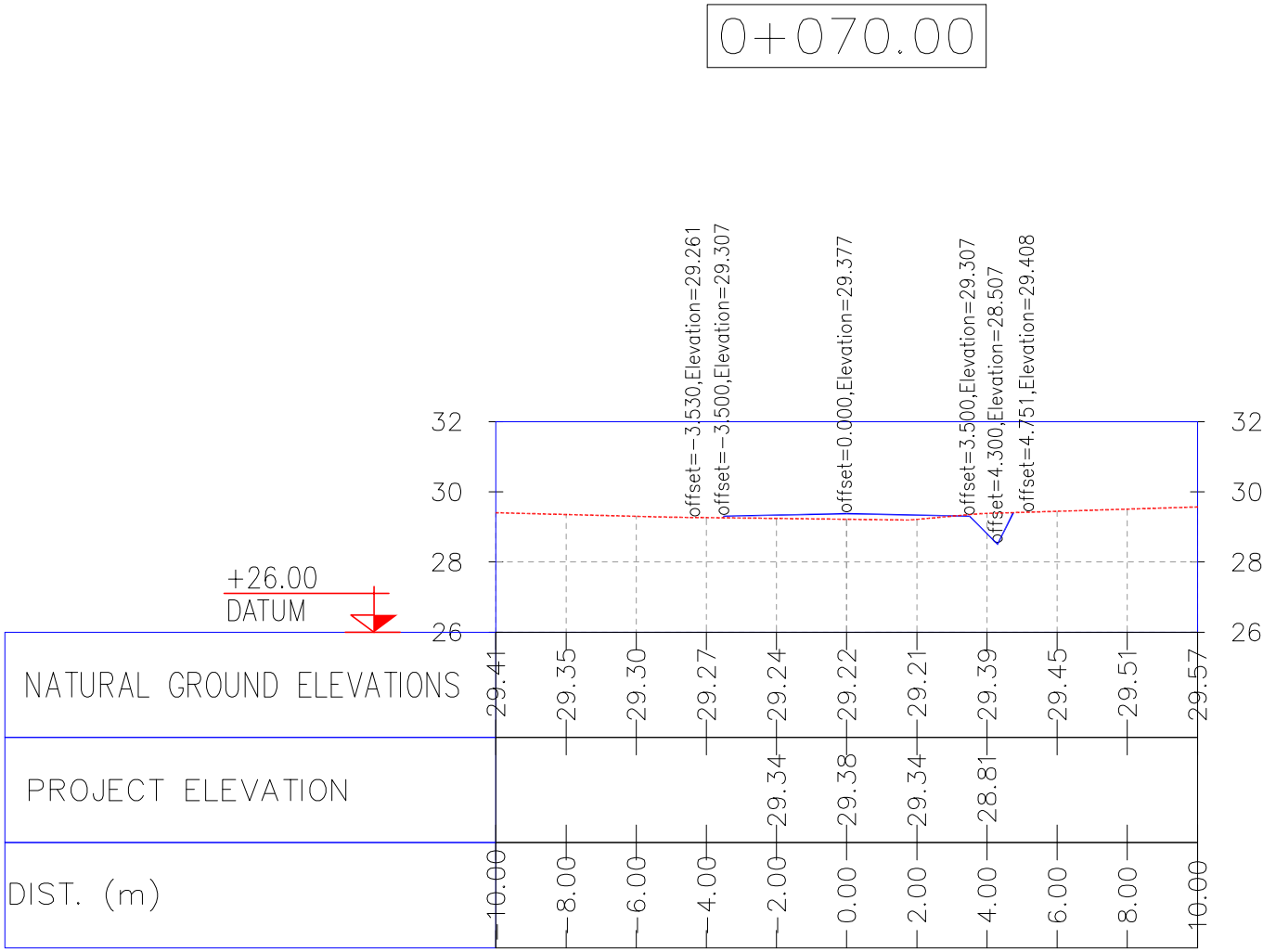
VERTICAL DATUM: MSL

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

D03	MAY.2022	IPA	R. BERLOURI	M.PAKHARIAN	M.MEHRSHAD	***							
D02	MAR.2022	IPA	R. BERLOURI	M.PAKHARIAN	M.MEHRSHAD	***	***	*****	***	*****	***	*****	
D01	NOV.2021	IPA	R. BERLOURI	M.PAKHARIAN	M.MEHRSHAD	***	REV.	DESCRIPTION	BY	DATE	BY	DATE	
D00	OCT.2021	IPC	R. BERLOURI	M.PAKHARIAN	SH.GHALIKAR	***			CHECKED		REV. APPR.		
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کليه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.						
PROJECT NAME:								THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS					
PROJECT NO.:													
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):				BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES						
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY										
							DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.		
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
CIVIL AND STRUCTURAL DRAWINGS-W028S ACCESS ROAD TRANSVERSAL SECTIONS KM 10 ~50M							APPROVED FOR CONSTRUCTION BY: DATE:						
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			21 OF 41	D03	053-073-9184	F	4	2	707548	21	D03



NOTES

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ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)

MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)

VERTICAL DATUM: MSL

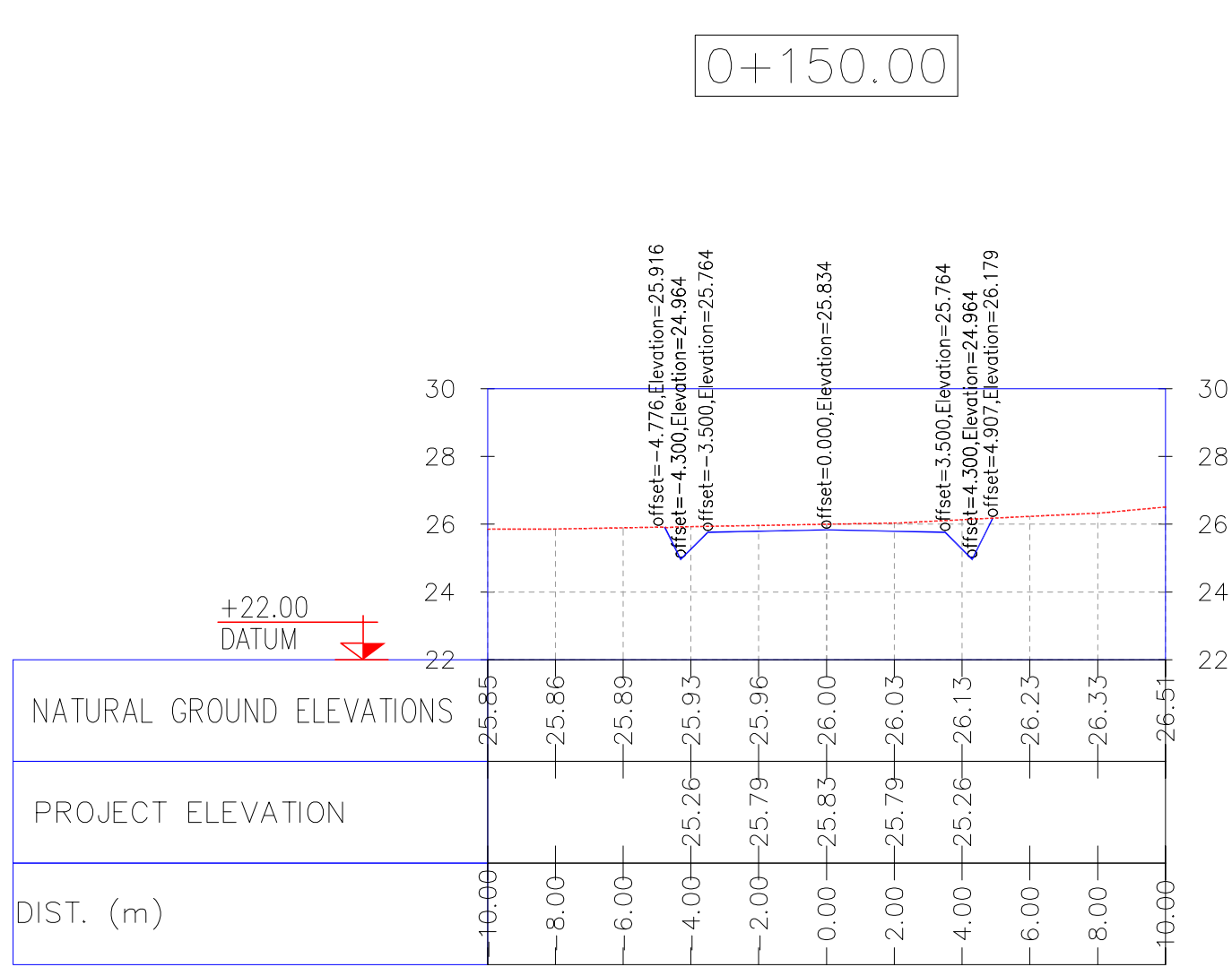
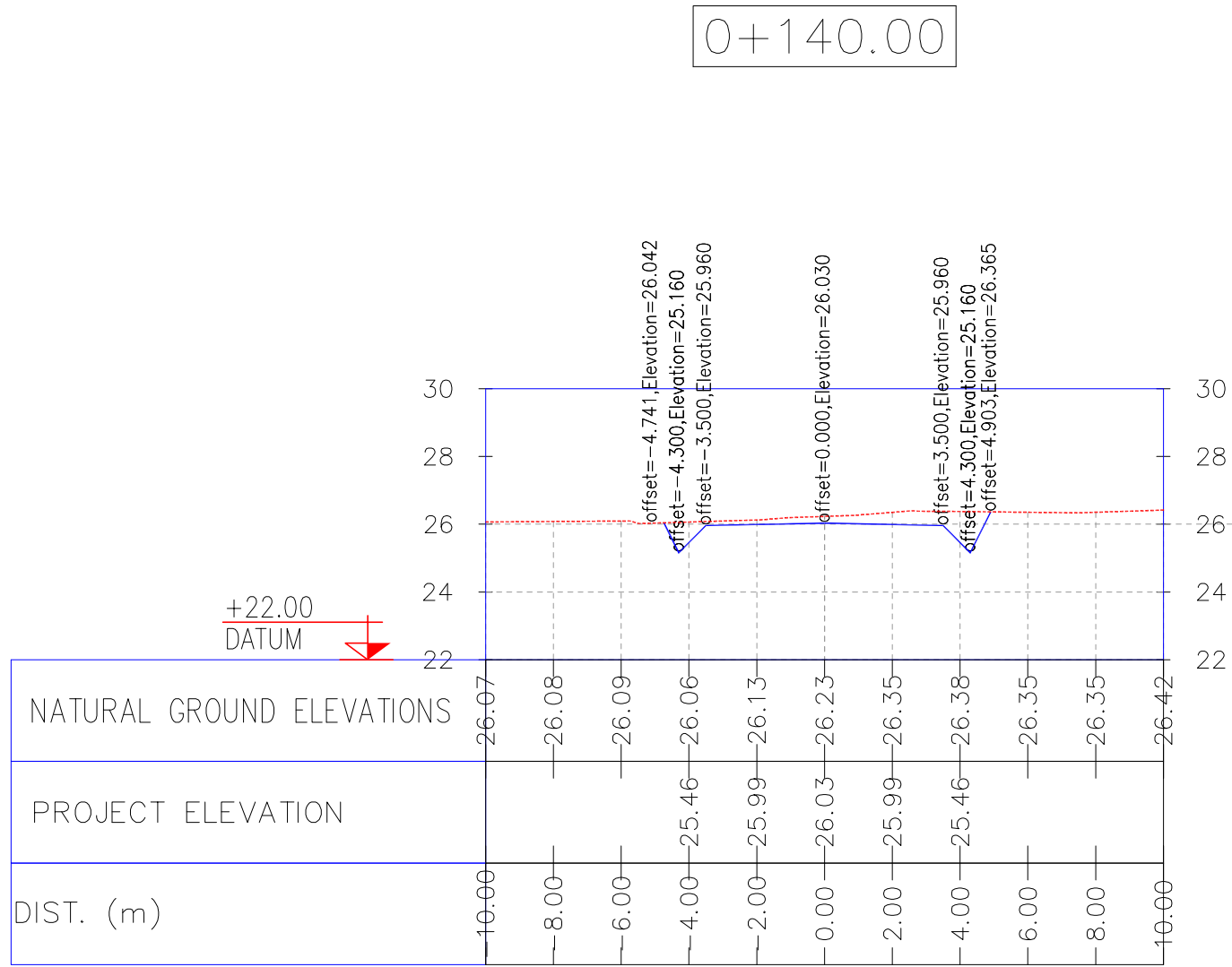
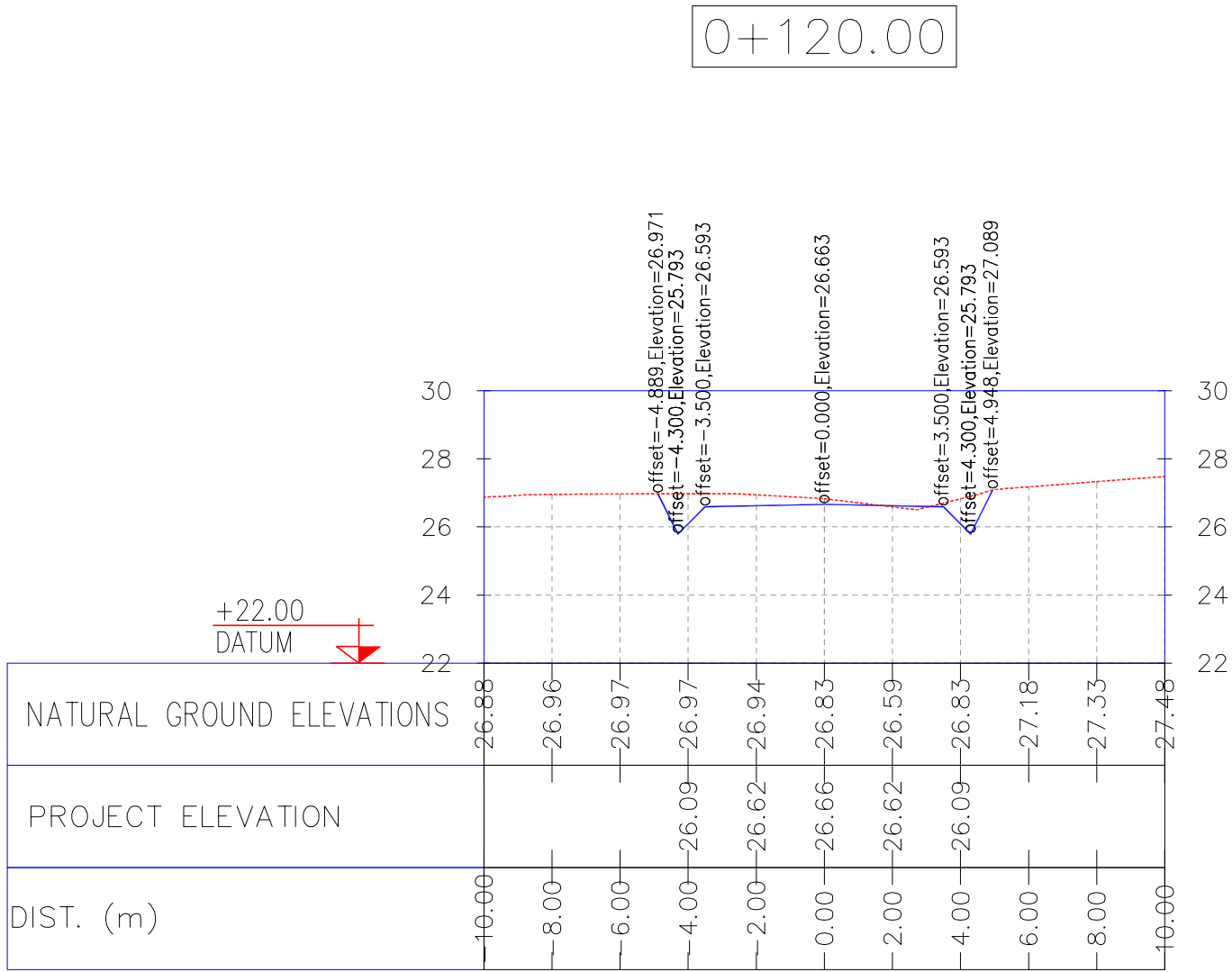
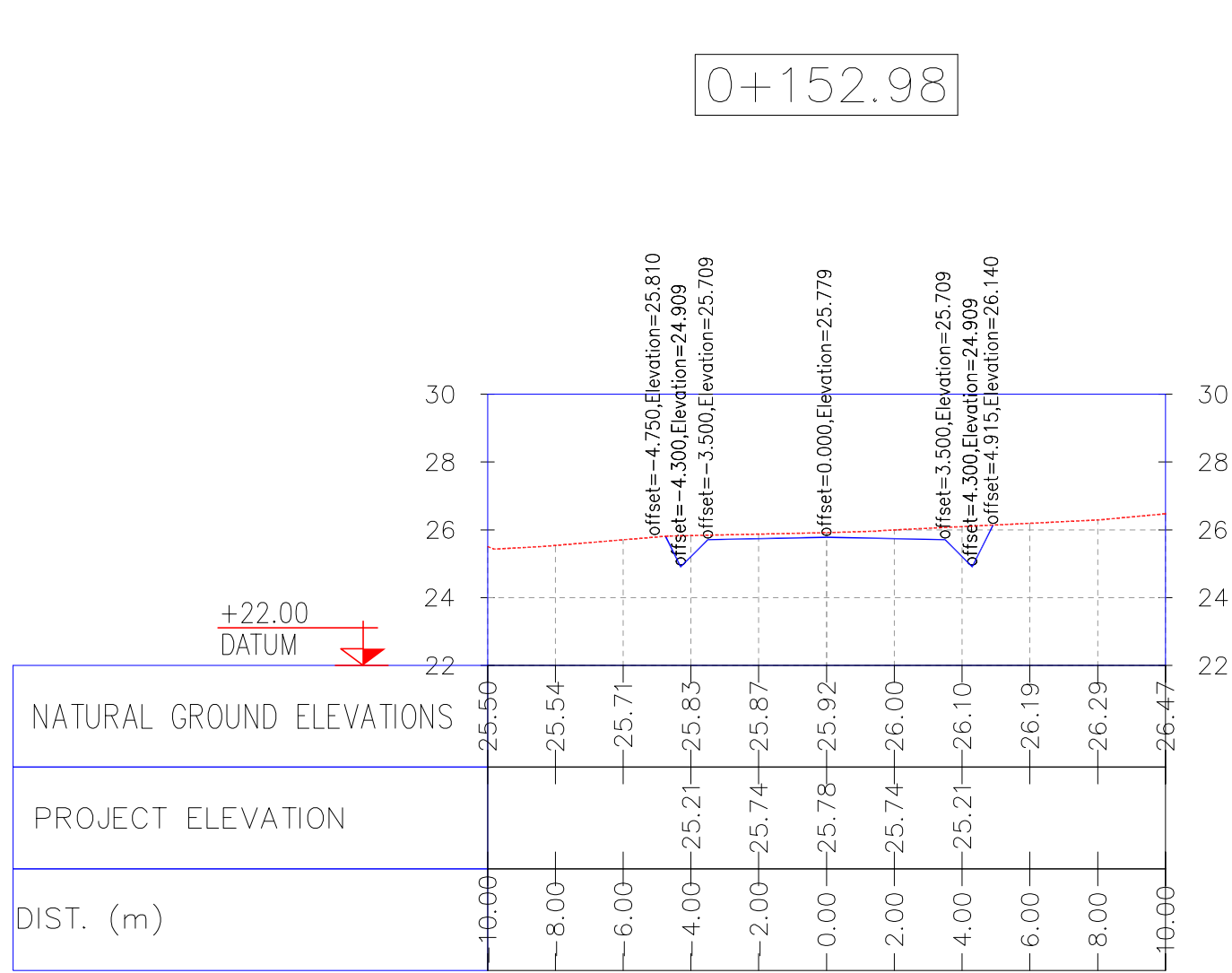
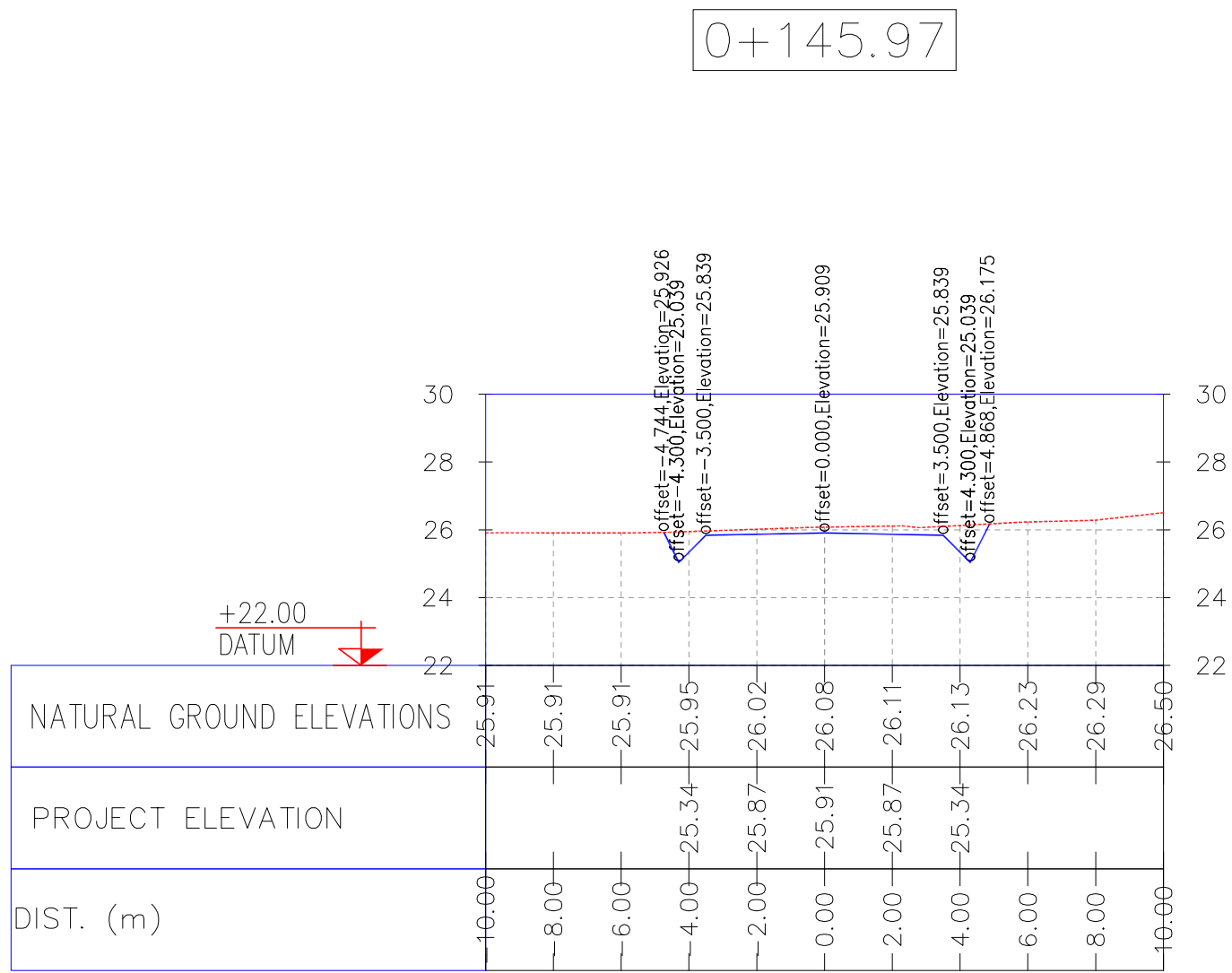
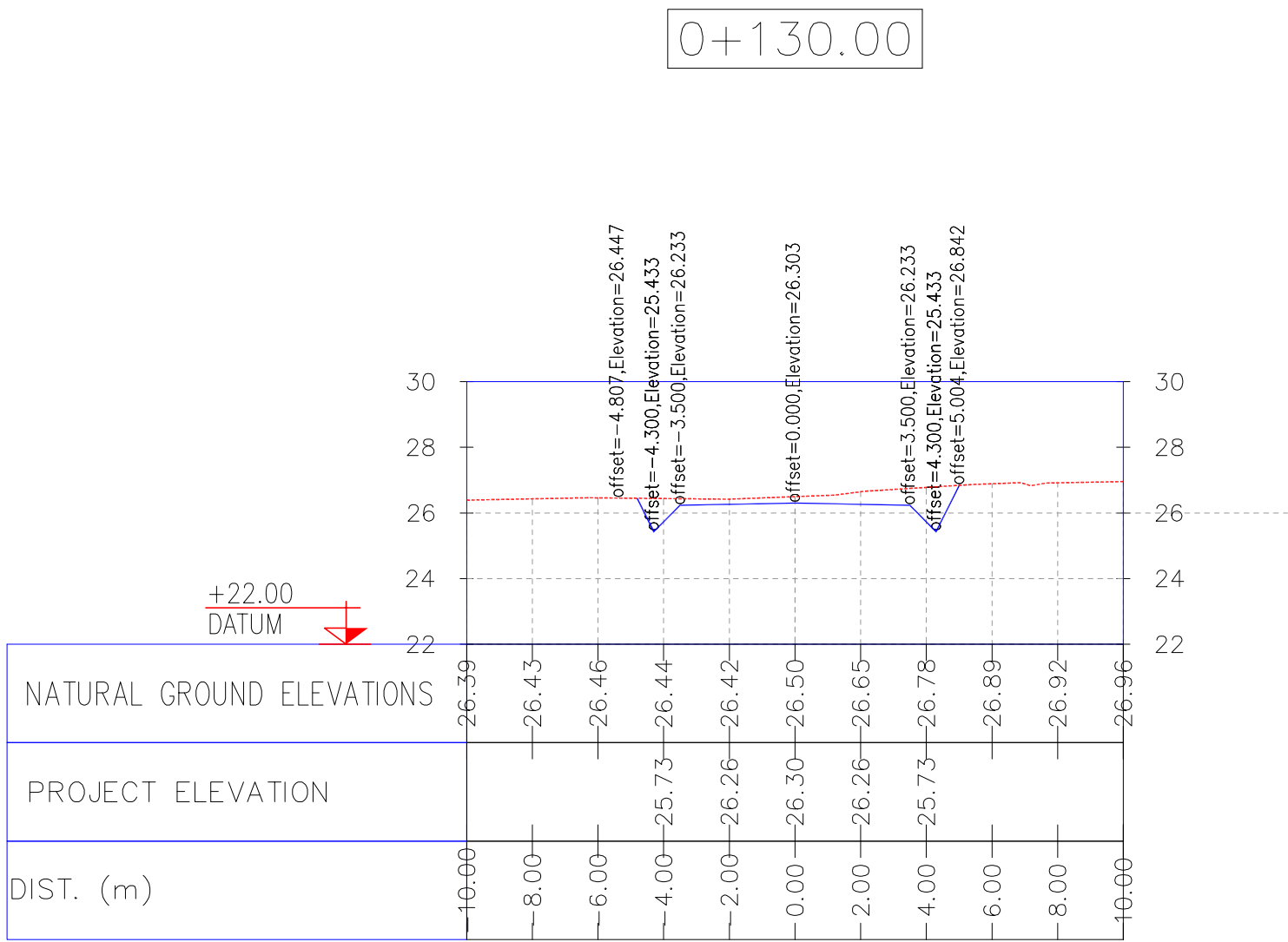
LEGEND

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

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	***	REV.	DESCRIPTION	BY	DATE	BY	DATE	
D00	OCT.2021	IFC	R. BERLOUEI	M.PAKHARIAN	SH.GHALIKAR	***					CHECKED		REV.
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.						
PROJECT NAME:								THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS					
PROJECT NO.:								971020					
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):				BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES						
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY										
							DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.		
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
CIVIL AND STRUCTURAL DRAWINGS-W028S ACCESS ROAD TRANSVERSAL SECTIONS KM 70 ~110M							APPROVED FOR CONSTRUCTION BY: DATE:						
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			22 OF 41	D03	053-073-9184	F	4	2	707548	22	D03



NOTES

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ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)

MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)

VERTICAL DATUM: MSL

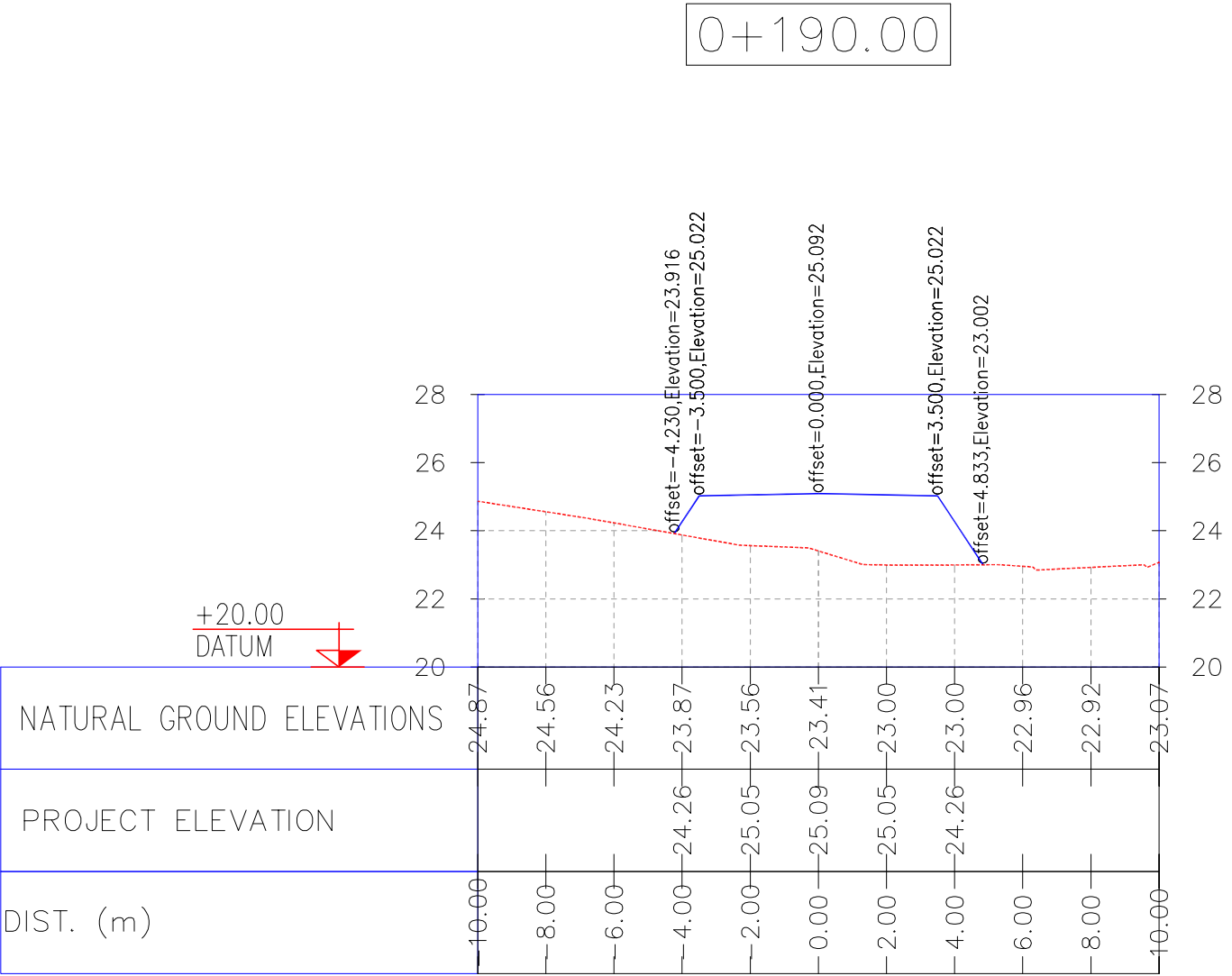
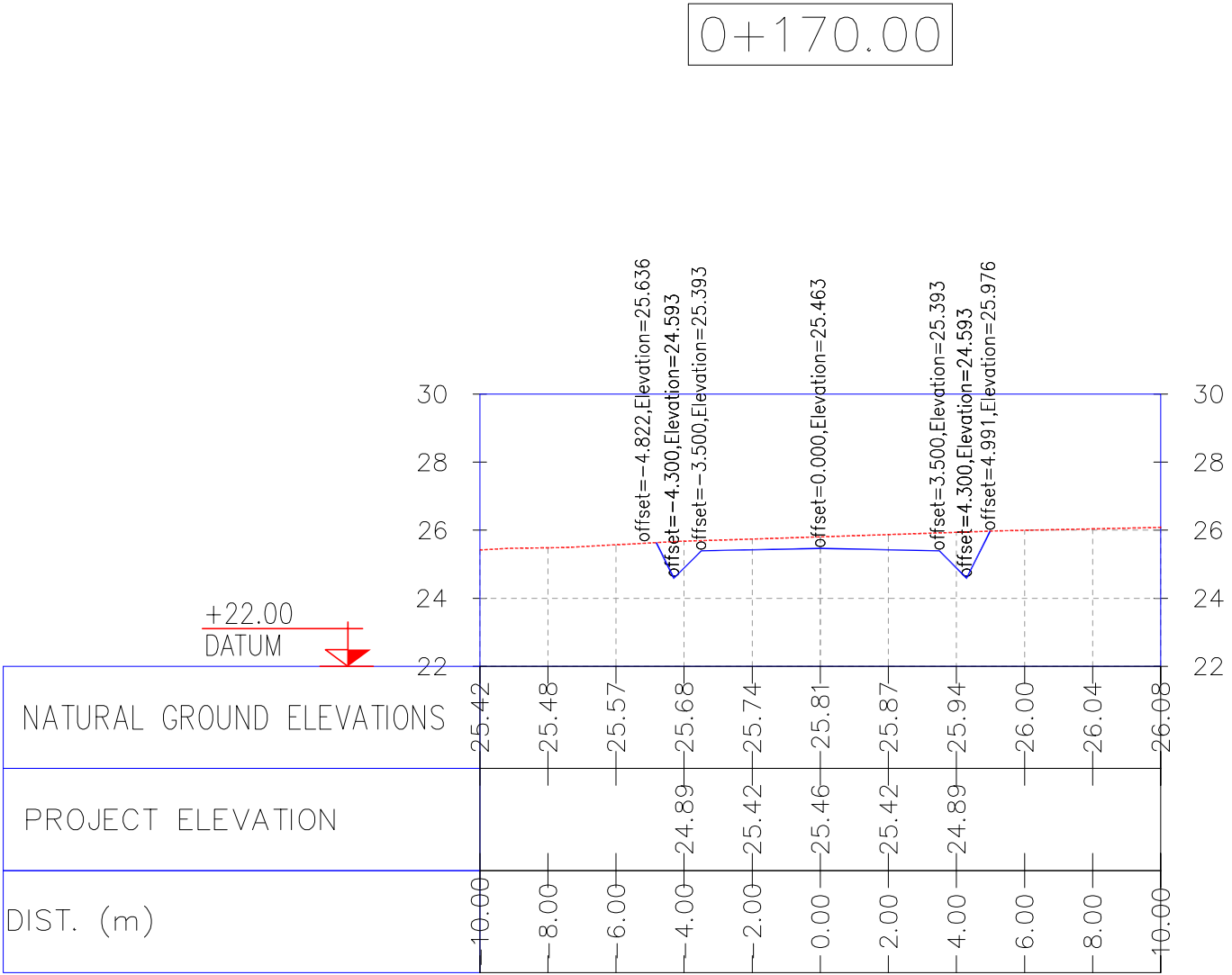
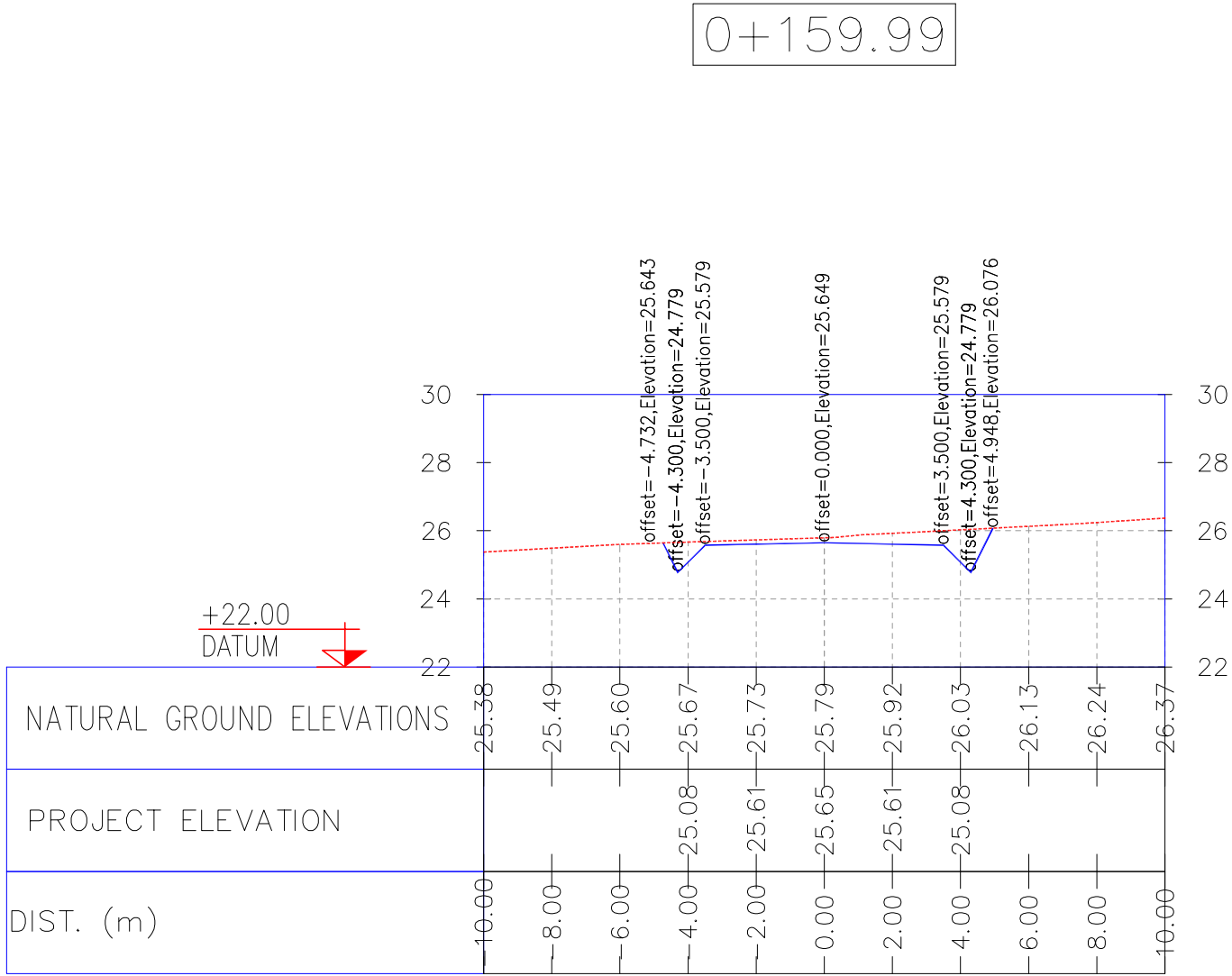
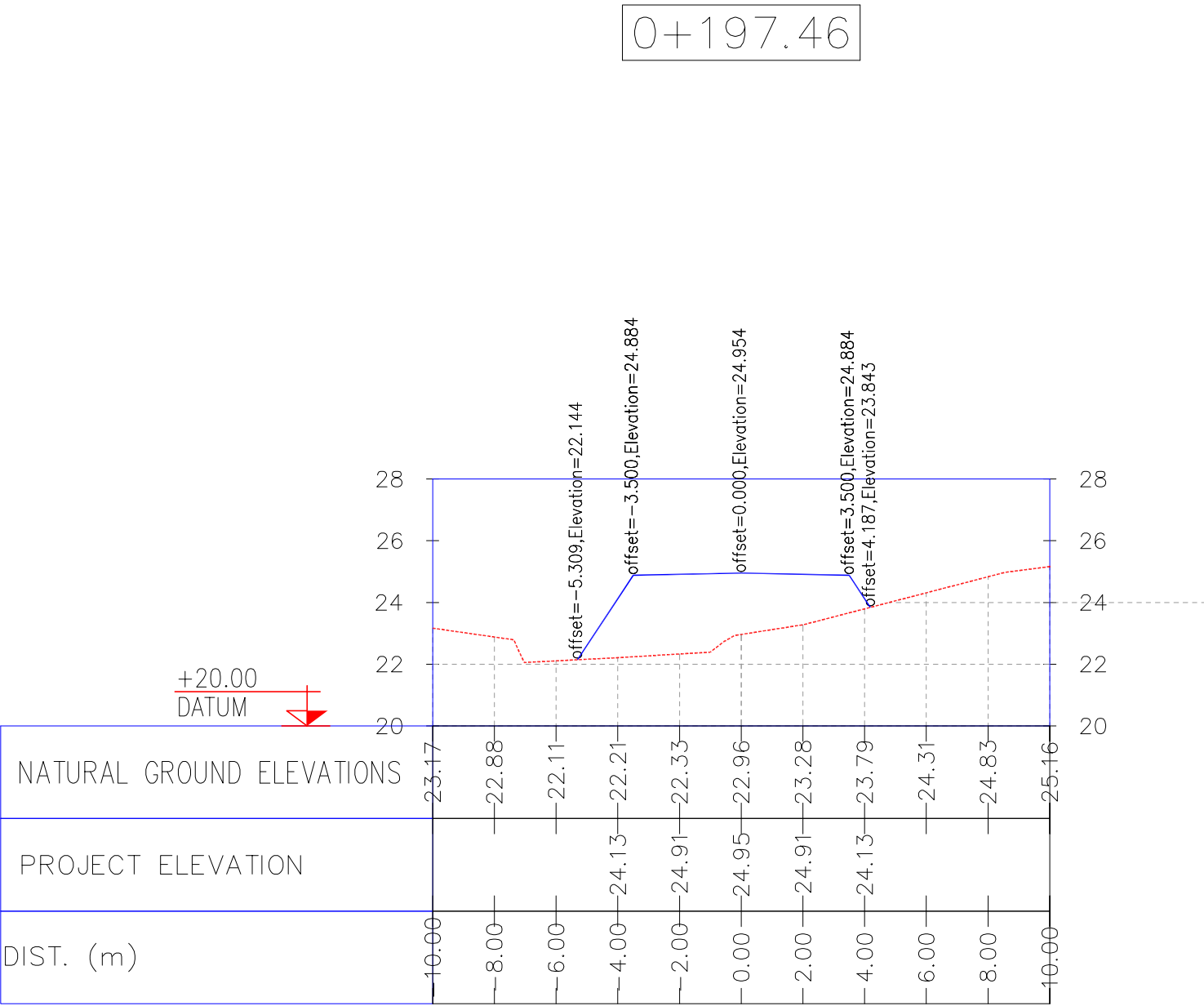
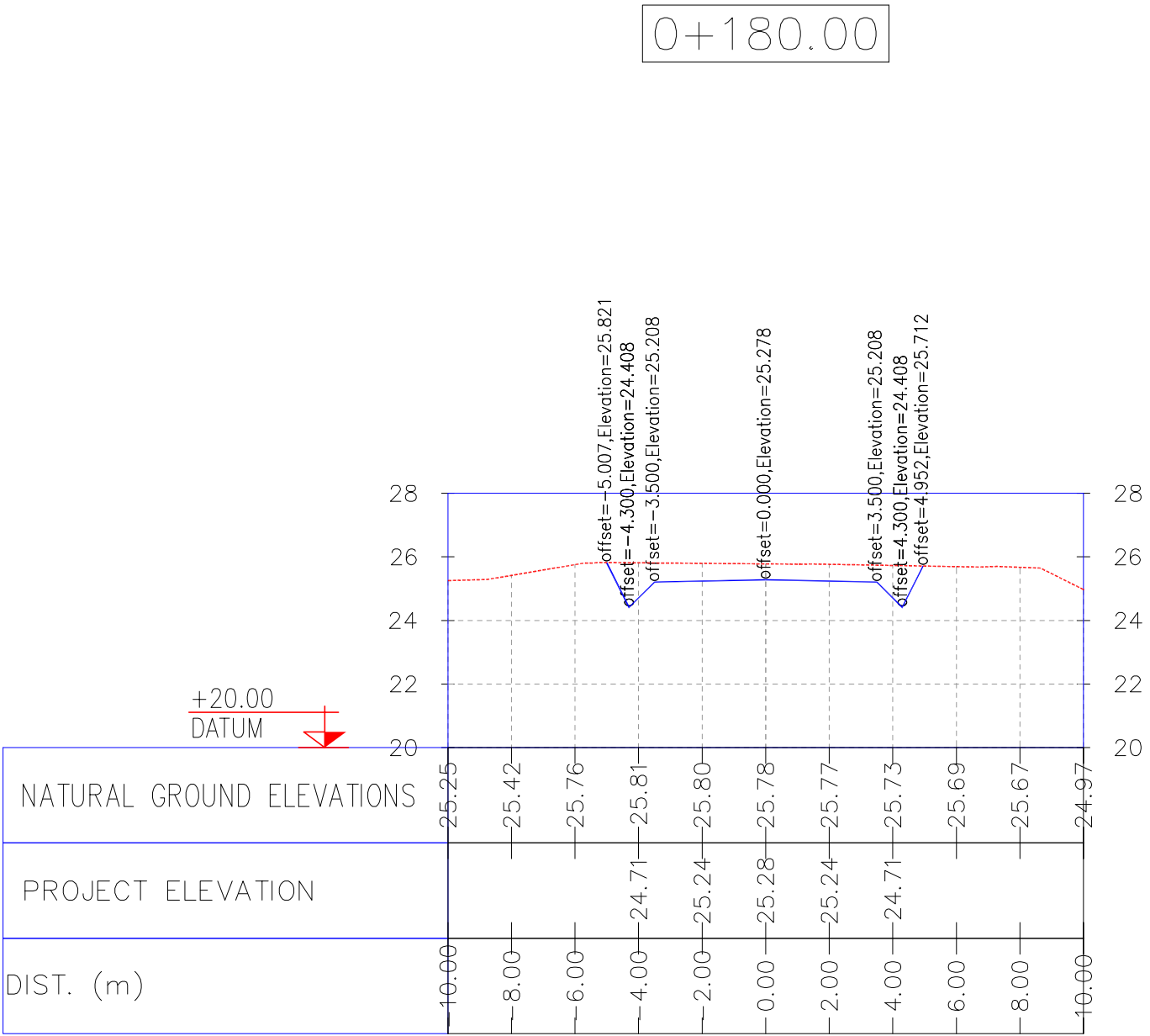
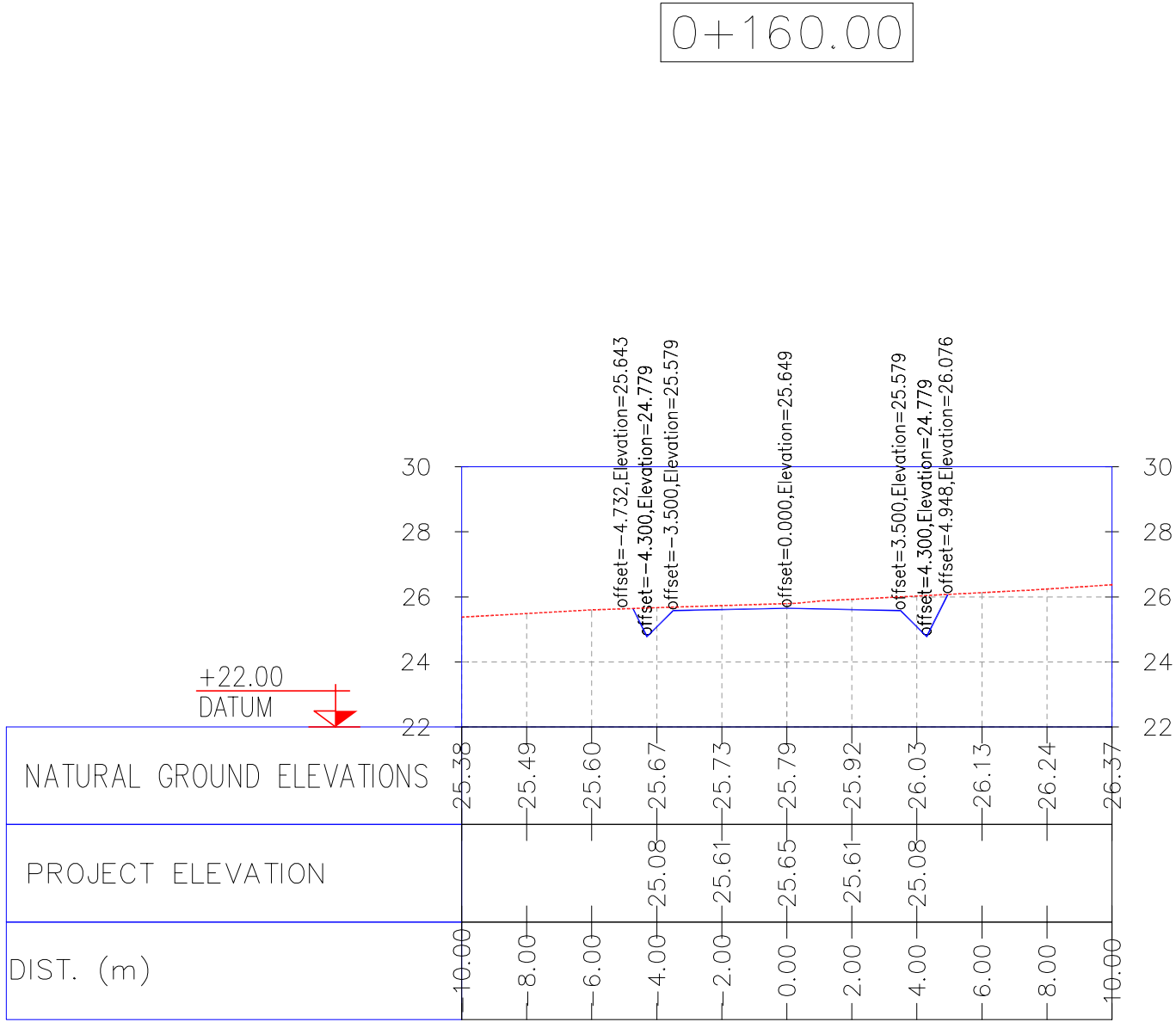
LEGEND

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

D03.

KEY PLAN

D03	MAY.2022	IPA	R. BERLOUREI	M.PAKHARIAN	M.MEHRSHAD	***							
D02	MAR.2022	IPA	R. BERLOUREI	M.PAKHARIAN	M.MEHRSHAD	***	***	*****	***	*****	***	*****	
D01	NOV.2021	IPA	R. BERLOUREI	M.PAKHARIAN	M.MEHRSHAD	***	REV.	DESCRIPTION	BY	DATE	BY	DATE	
D00	OCT.2021	IPC	R. BERLOUREI	M.PAKHARIAN	SH.GHALIKAR	***			CHECKED		REV. APPR.		
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.						
PROJECT NAME:								THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS					
PROJECT NO.:													
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):				BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES						
HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			PEDCO				DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.		
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
CIVIL AND STRUCTURAL DRAWINGS-W028S ACCESS ROAD TRANSVERSAL SECTIONS KM 130 ~152.98M							APPROVED FOR CONSTRUCTION			BY:		DATE:	
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			23 OF 41	D03	053-073-9184	F	4	2	707548	23	D03



NOTES

LEGEND

REFERENCE DRAWING

DRG. No.

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ELLIPSOID : WORLD GEOIDETIC SYSTEM 1984 (WGS84)

MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)

VERTICAL DATUM: MSL

D03

General Civil Layout - W028

Rough Grading Plans - W028

Standard Drawing For Culvert & Details

Specification For Earth Work

Standard Drawing For Slope Protection Details

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

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

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

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

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

PROJECT NAME:

PROJECT NO.:

EPC CONTRACTOR:

EPD/EPC CONTRACTOR(GC):

DRAWING TITLE:

SCALE

SIZE

LOCATION

SIZE

CLASS

SERIAL NO.

SHEET

REVISION

AS SHOWN

A1

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

24 OF 41

D03

053-073-9184

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24

D03

REV.

DESCRIPTION

CHECKED

REV. APPR.

امل 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:

BUDGET REF.

LOCATION

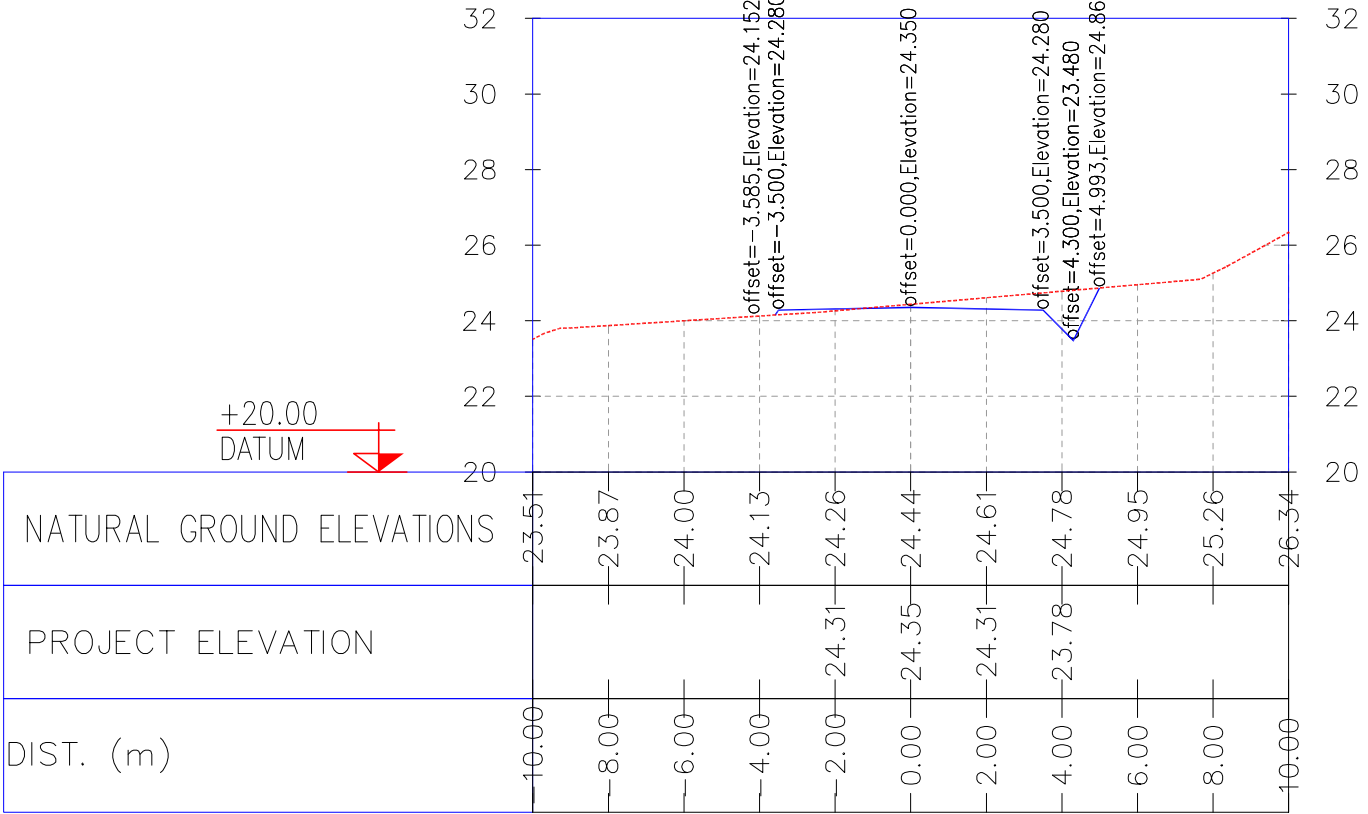
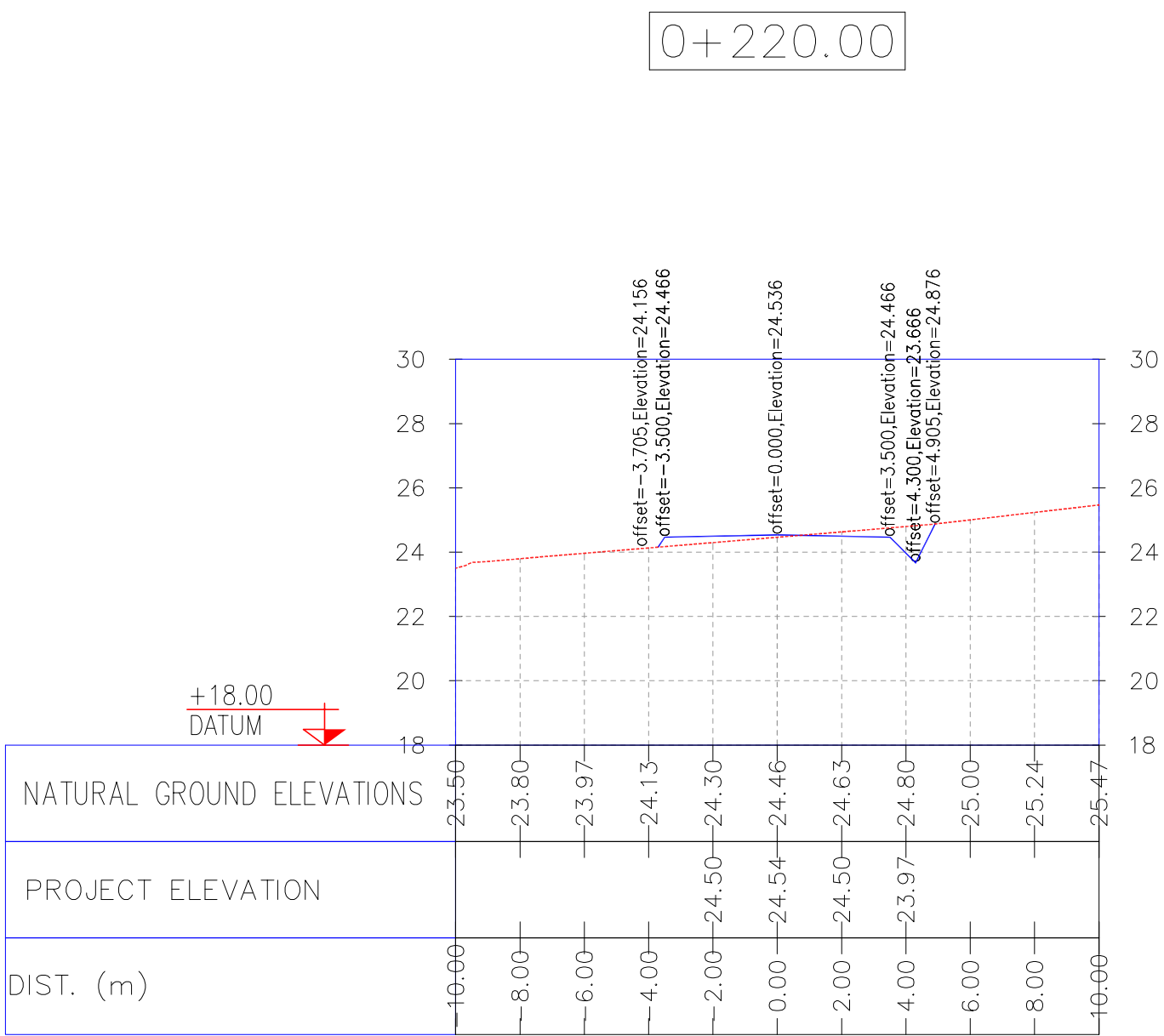
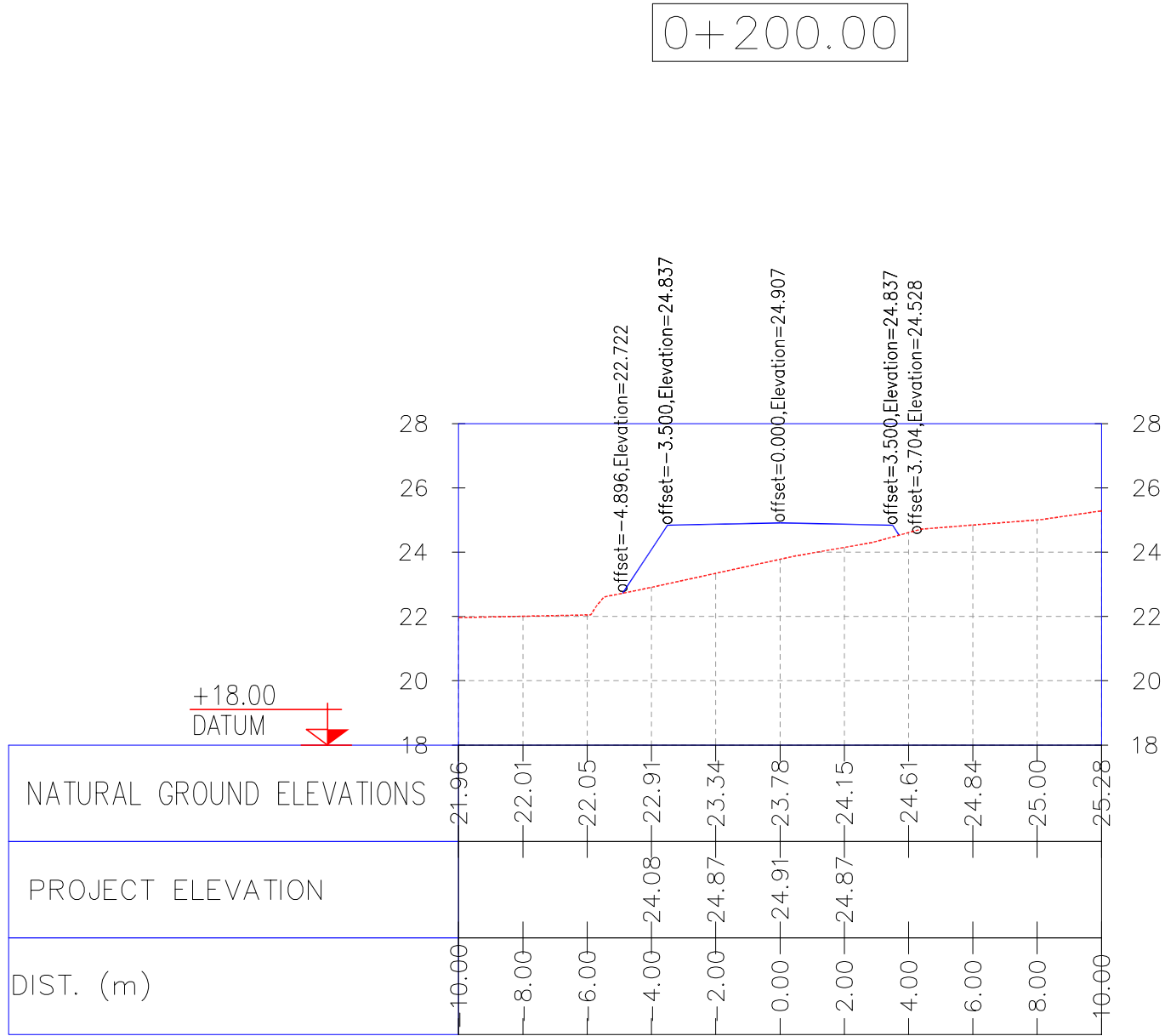
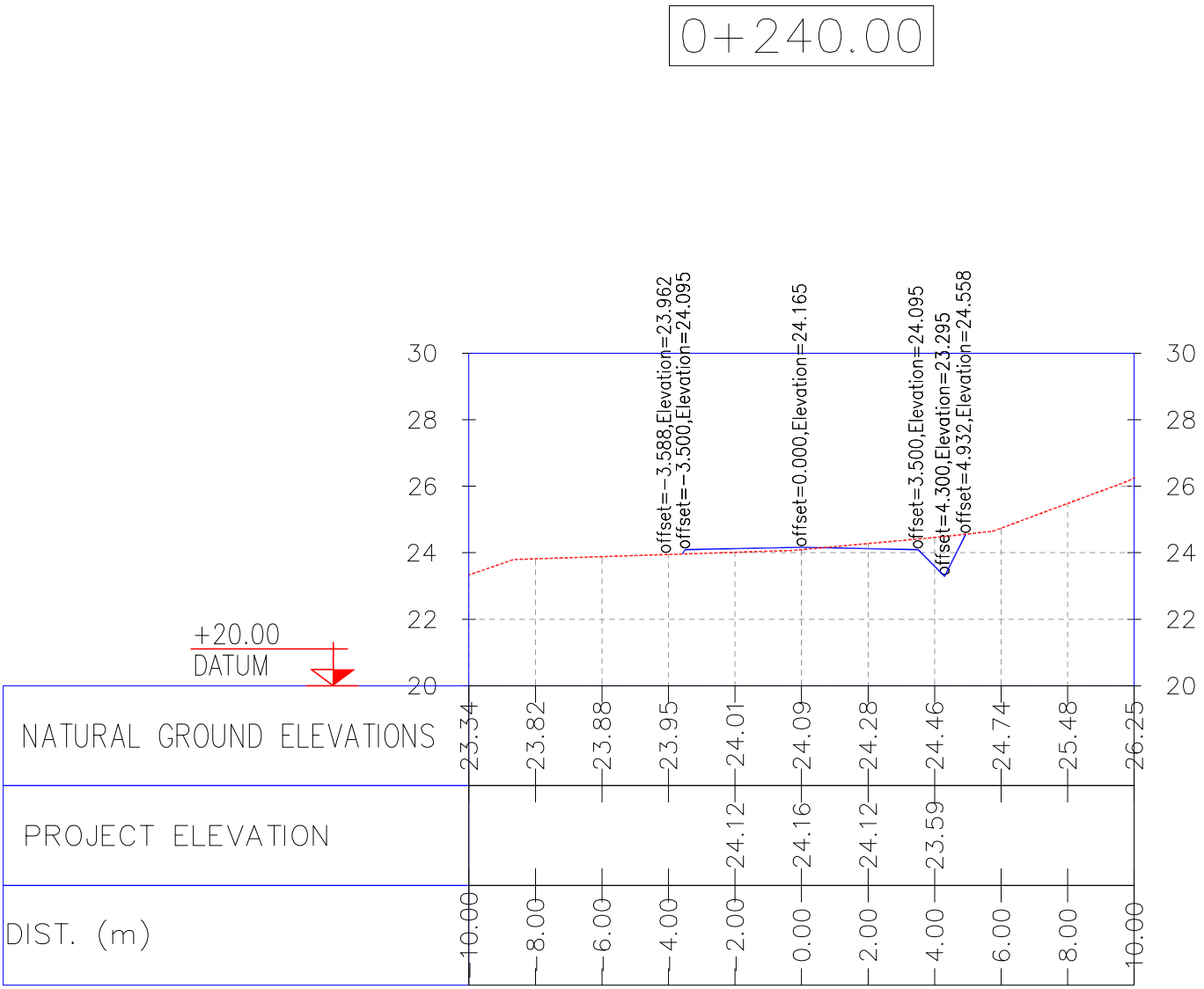
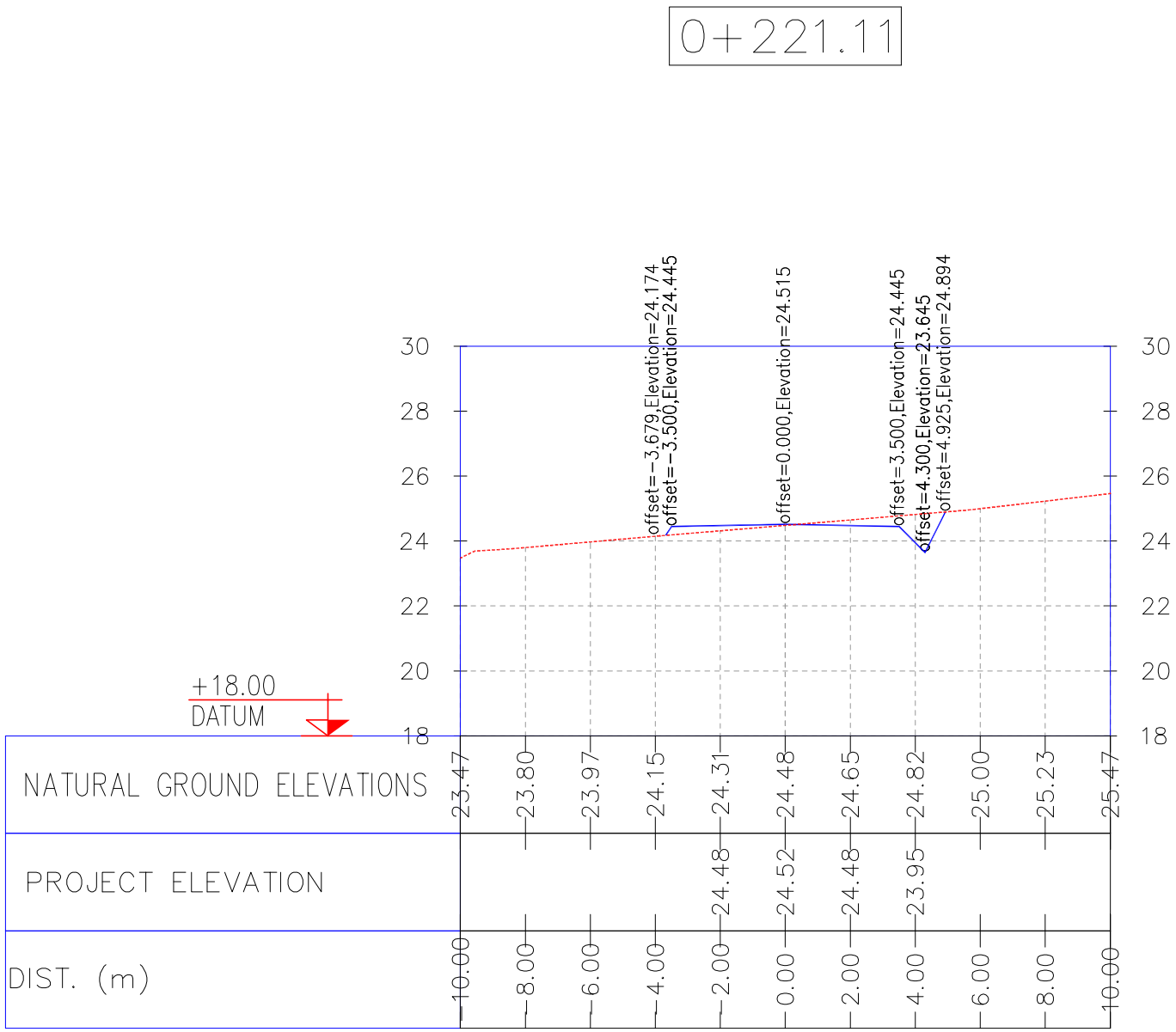
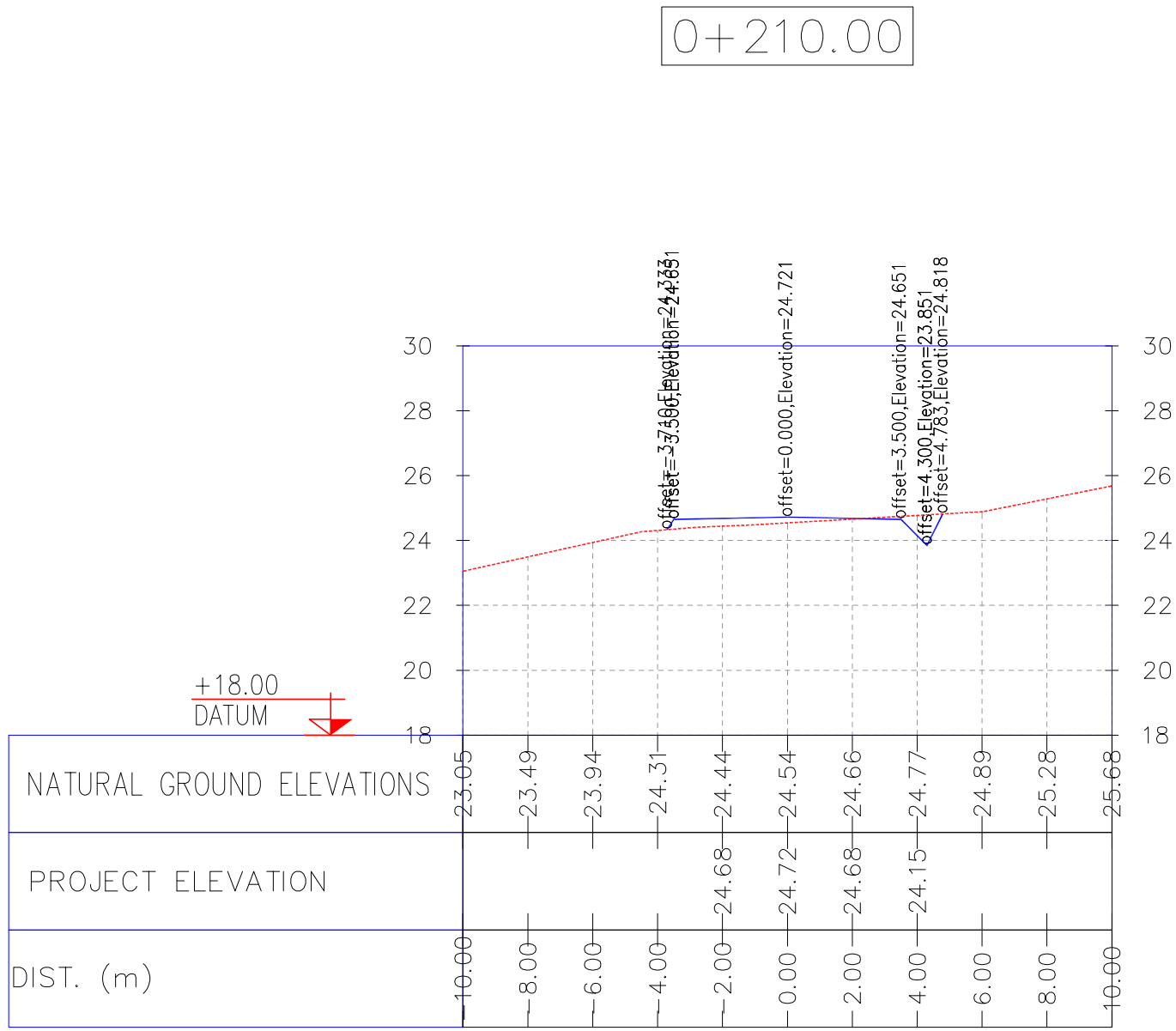
SIZE

CLASS

SERIAL NO.

SHEET

REVISION



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REFERENCE DRAWING

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VERTICAL DATUM: MSL

General Civil Layout -W028

Rough Grading Plans -W028

Standard Drawing For Culvert & Details

Specification For Earth Work

Standard Drawing For Slope Protection Details

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

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

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

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

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

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.

LOCATION

SIZE

CLASS

SERIAL NO.

SHEET

REVISION

AS SHOWN

A1

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

25 OF 41

D03

053-073-9184

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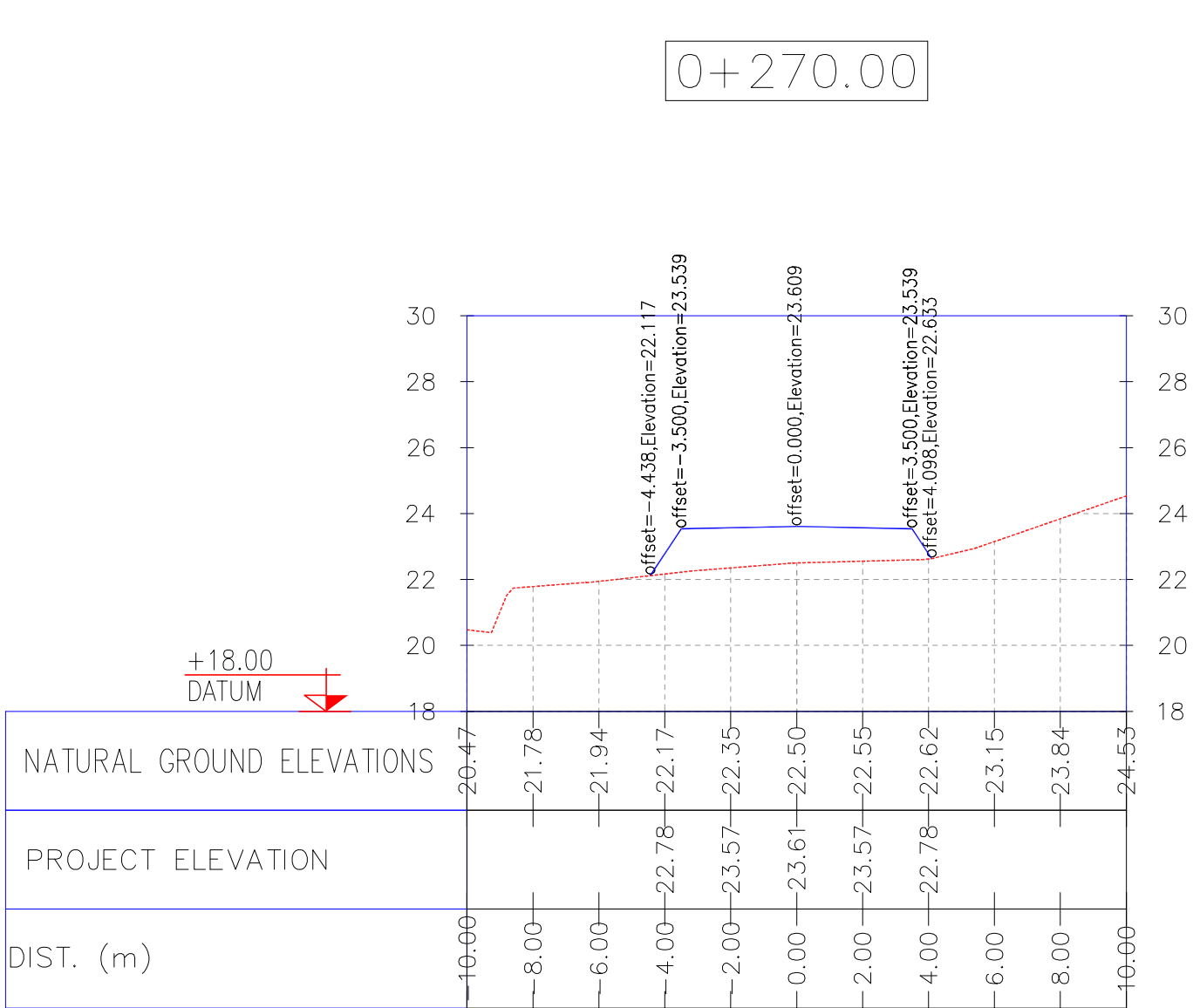
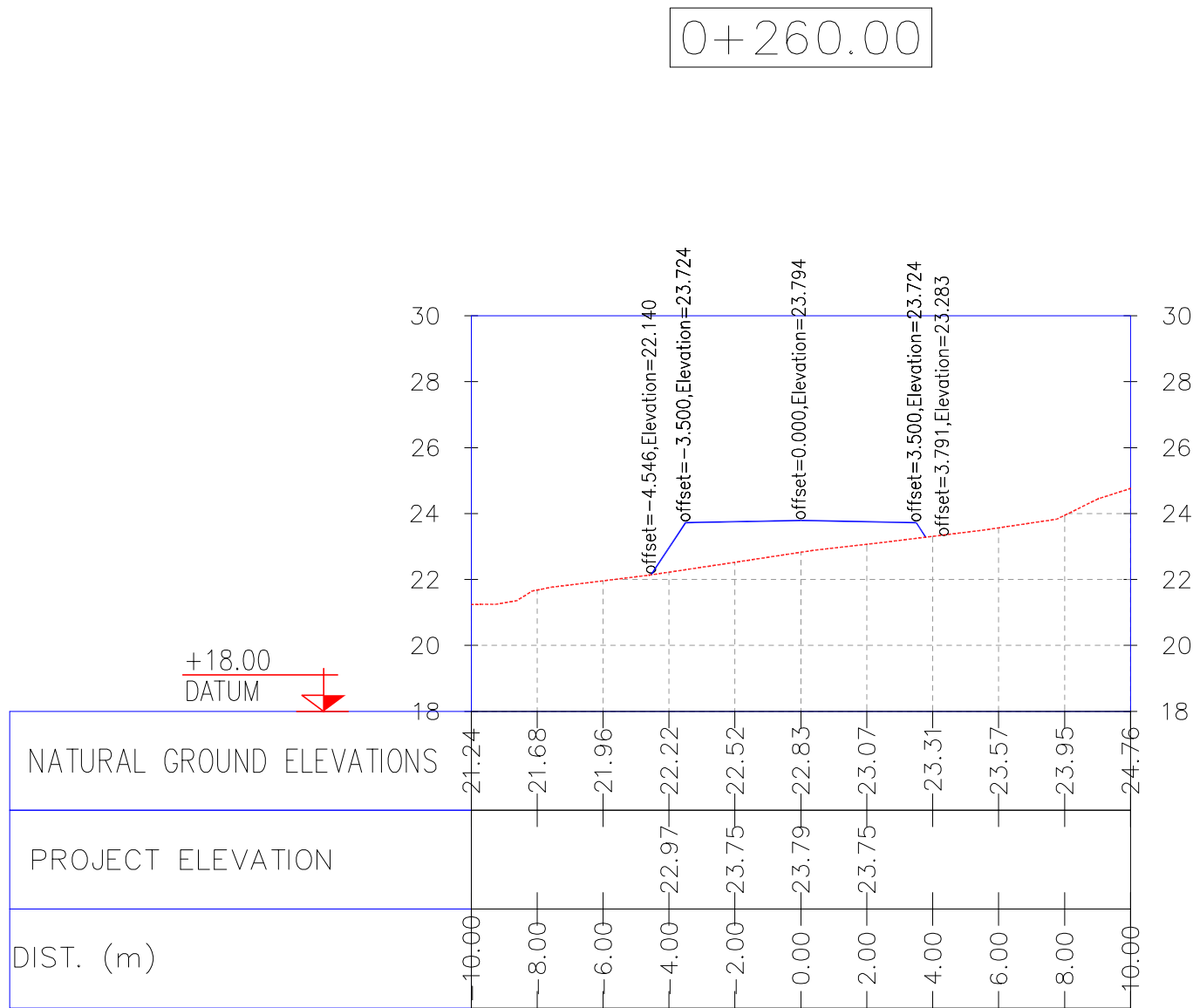
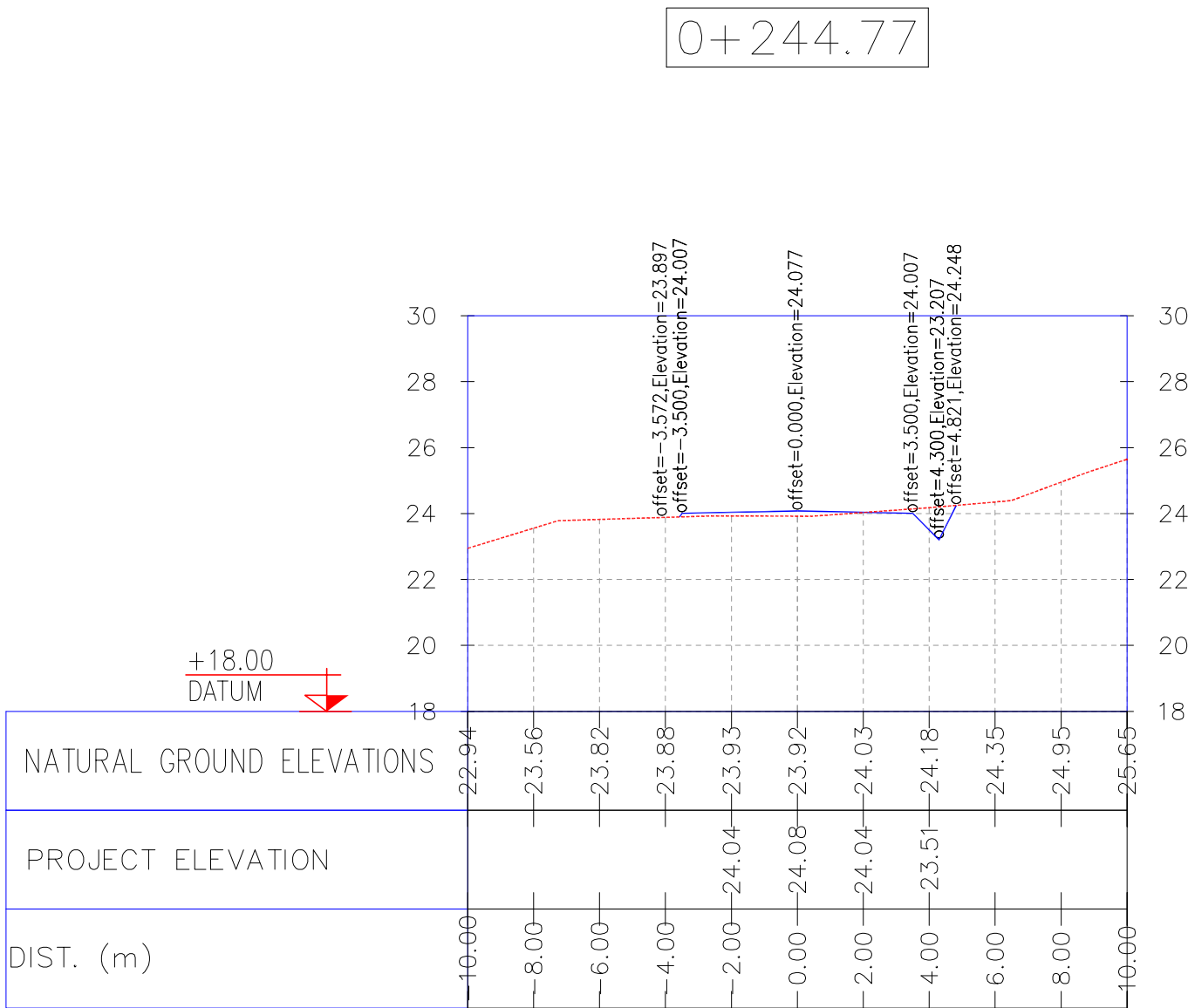
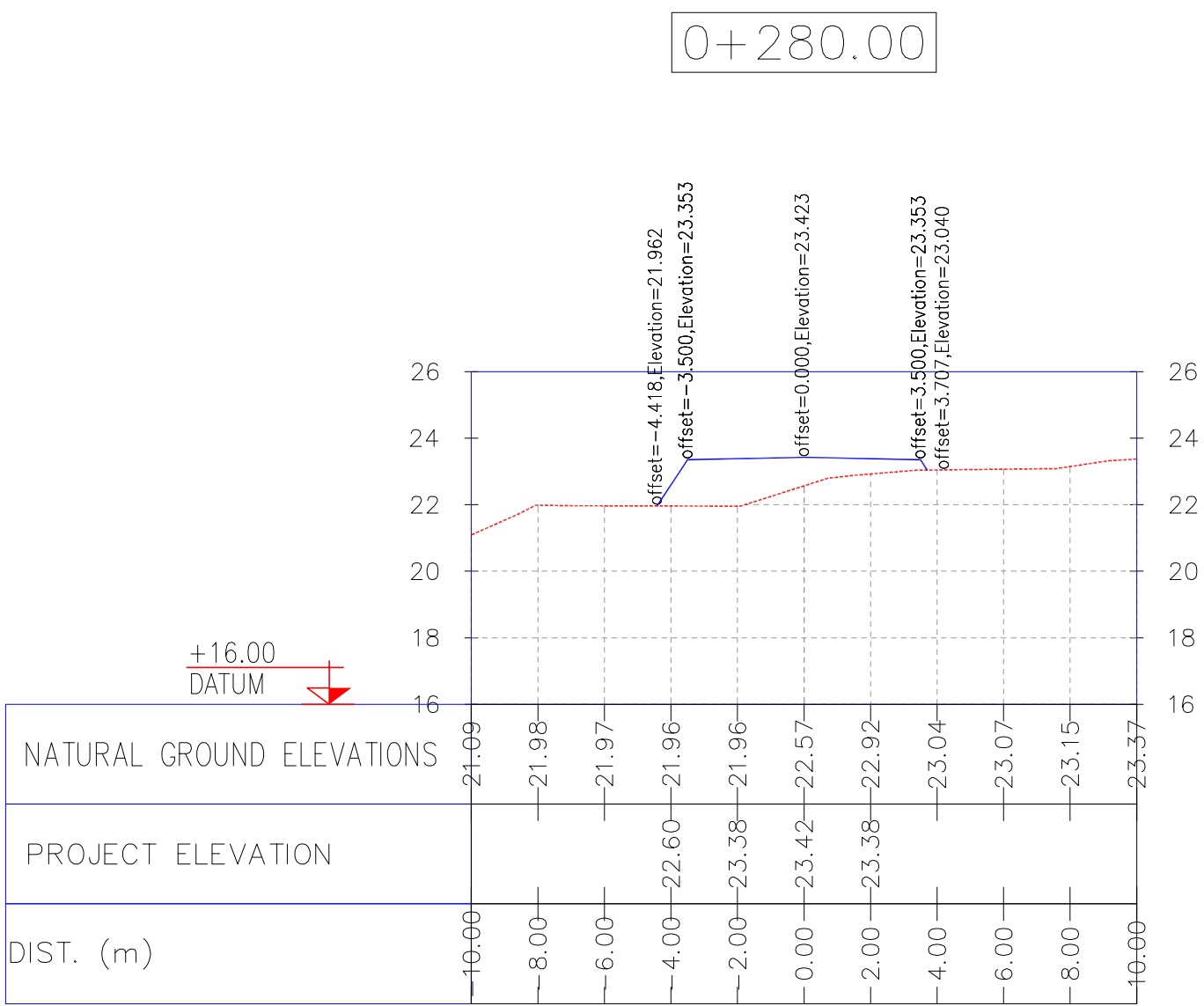
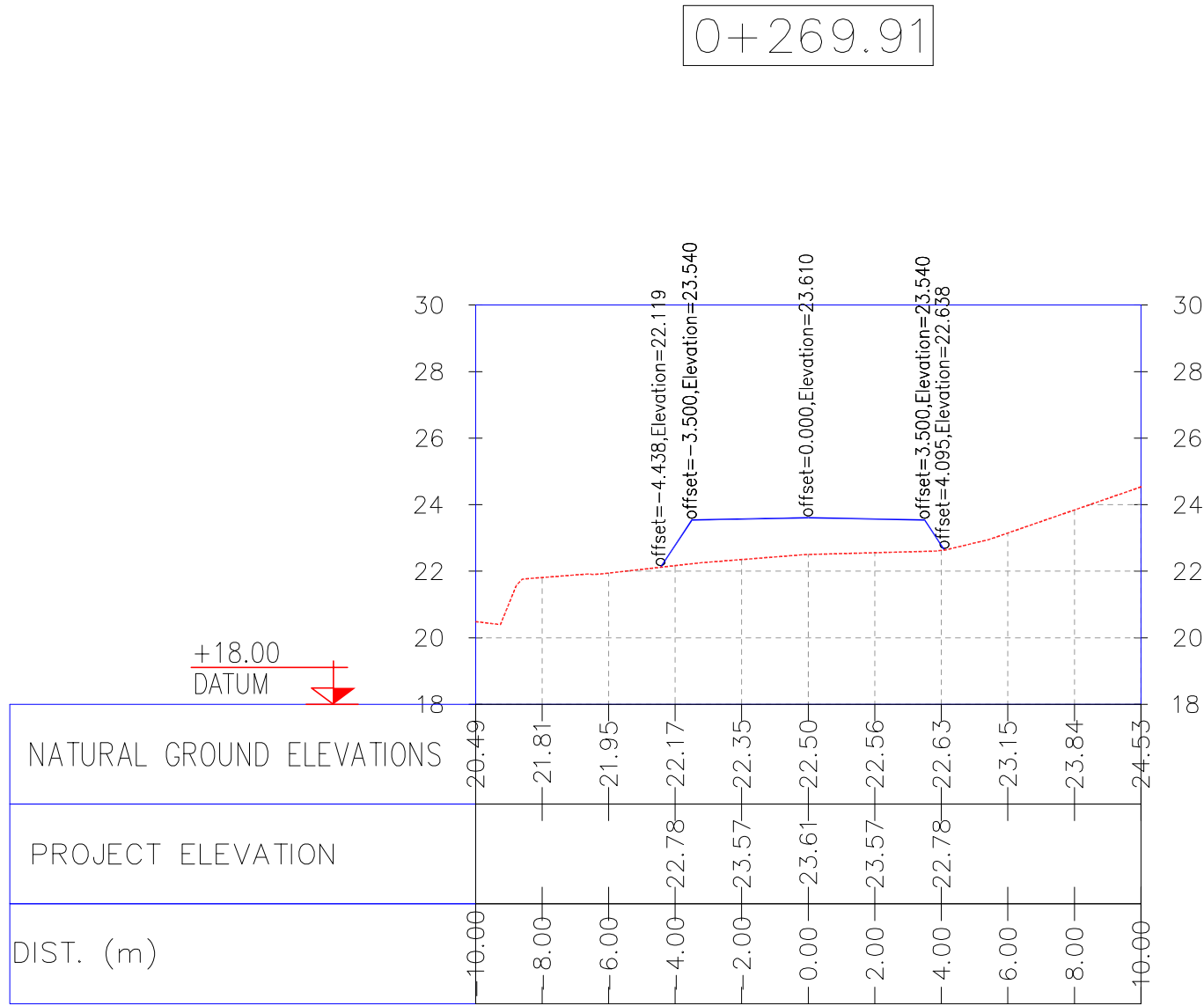
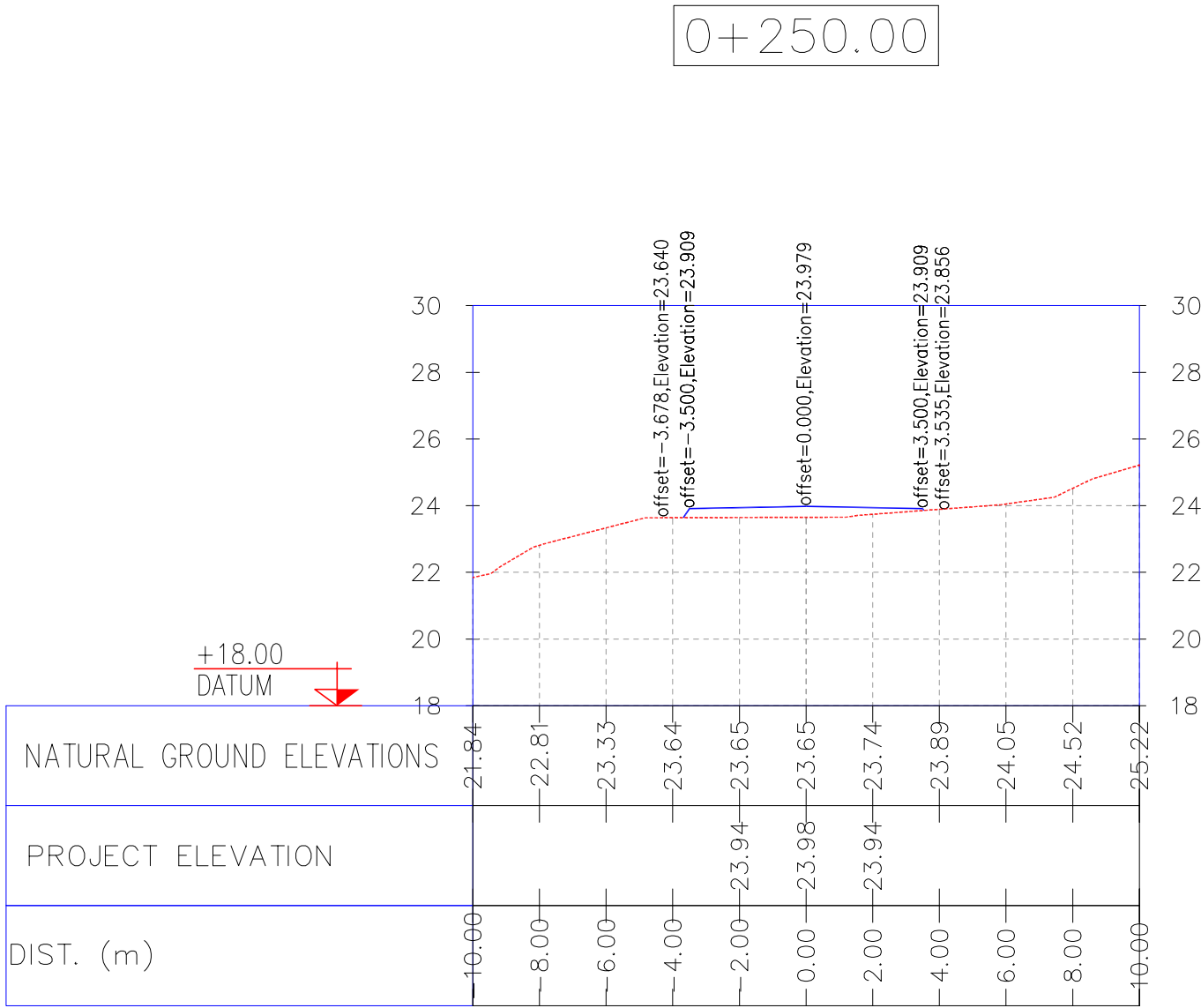
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D03

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 ACCESS ROAD TRANSVERSAL SECTIONS KM 210~240M						
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			25 OF 41	D03



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

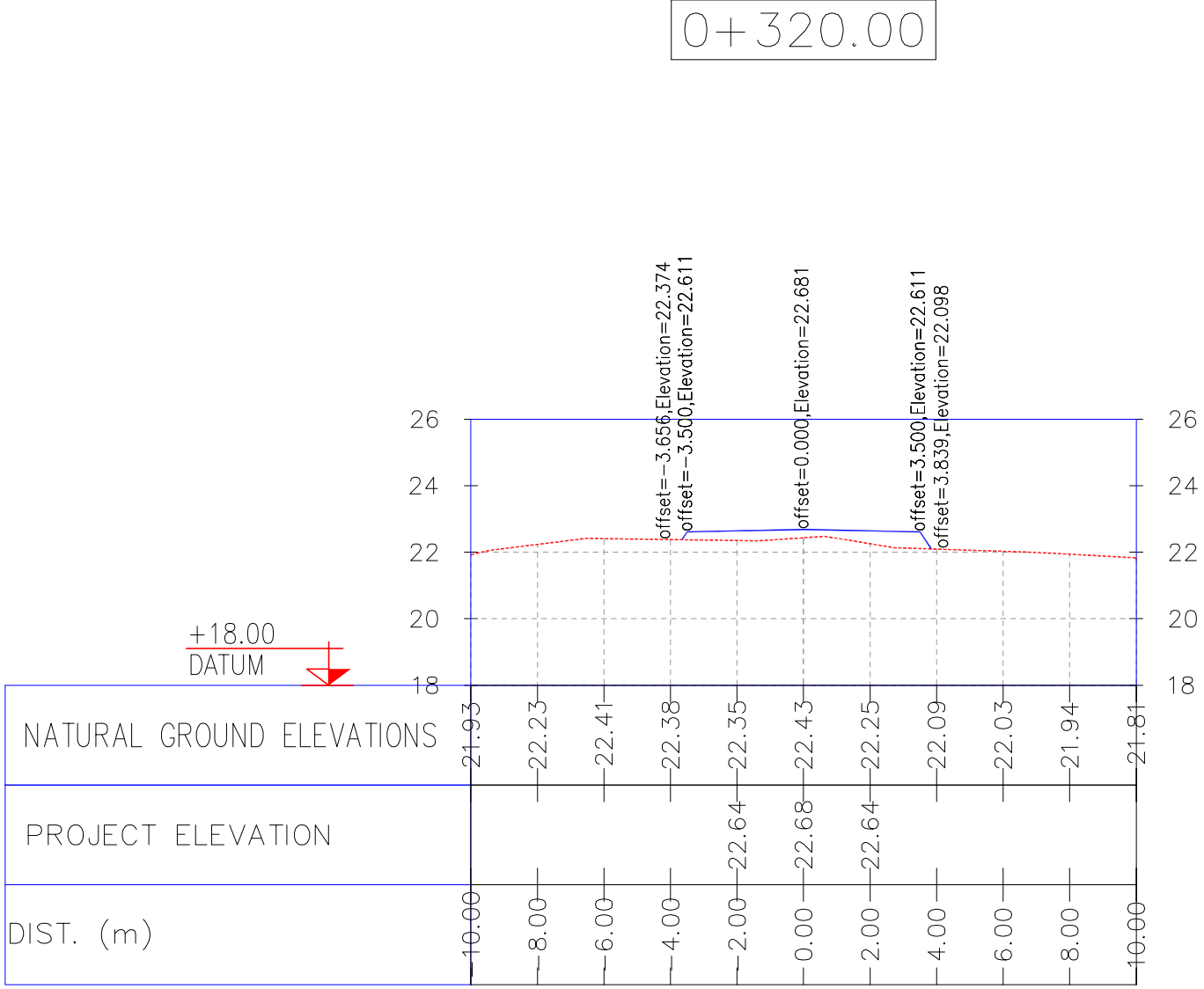
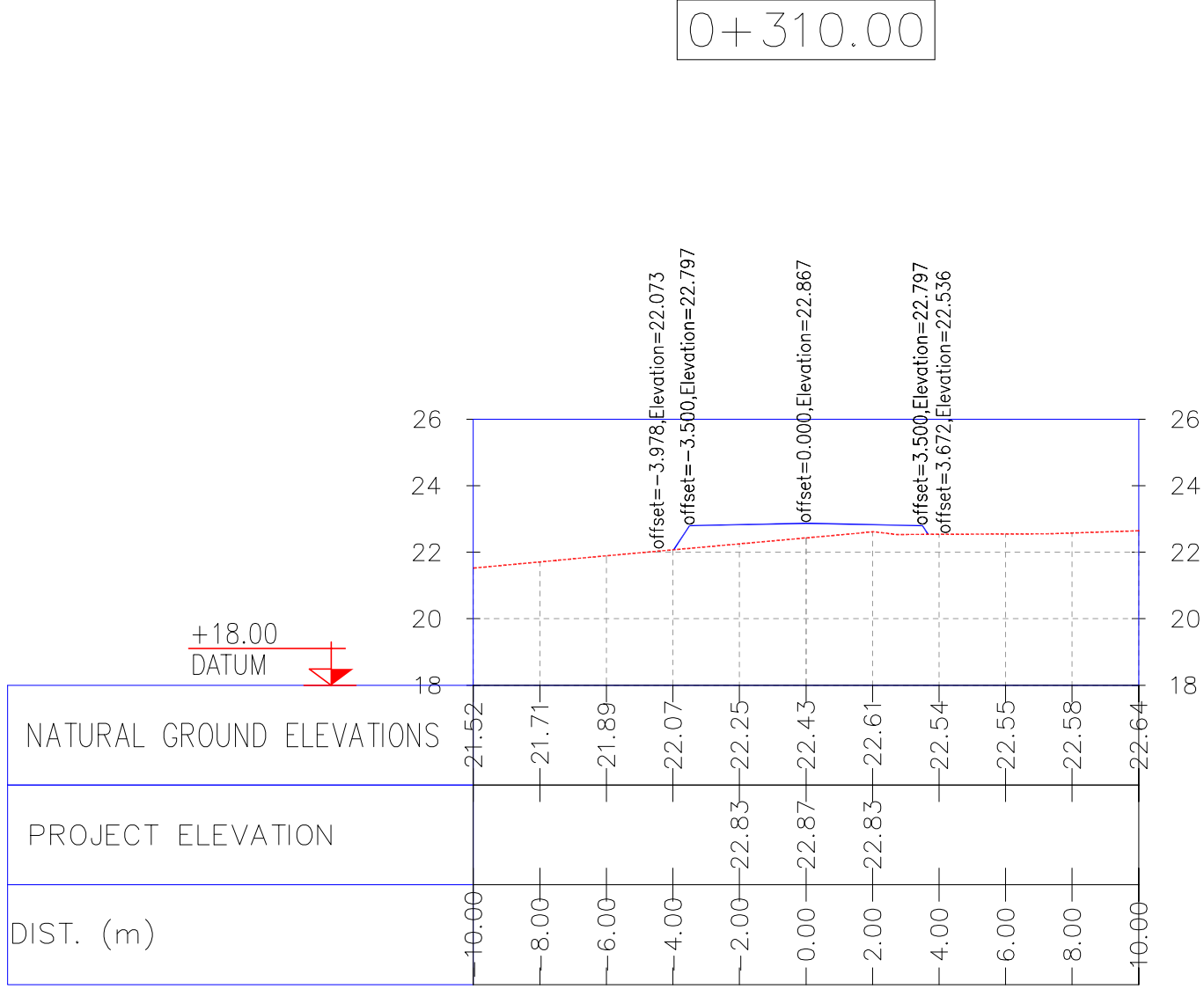
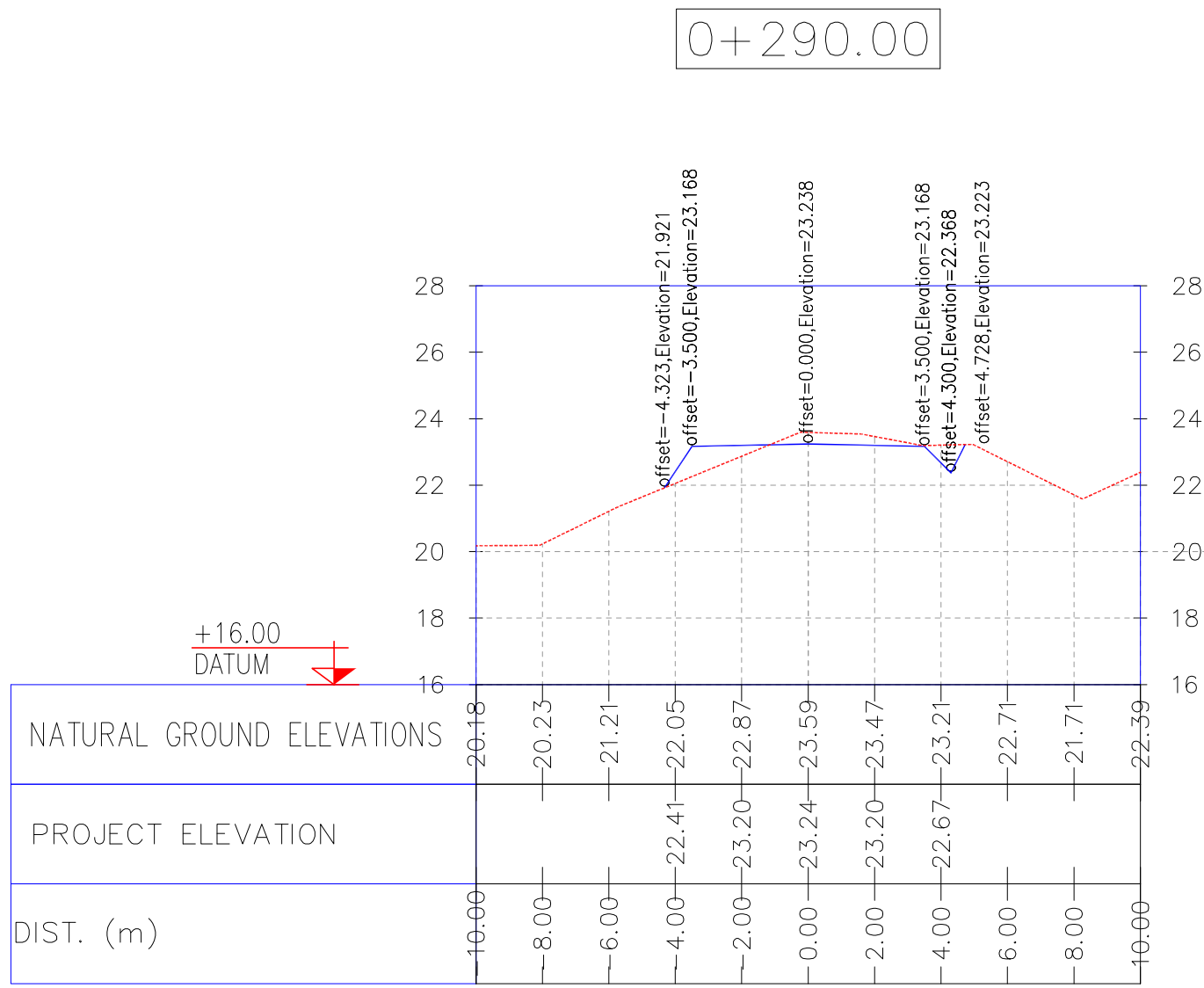
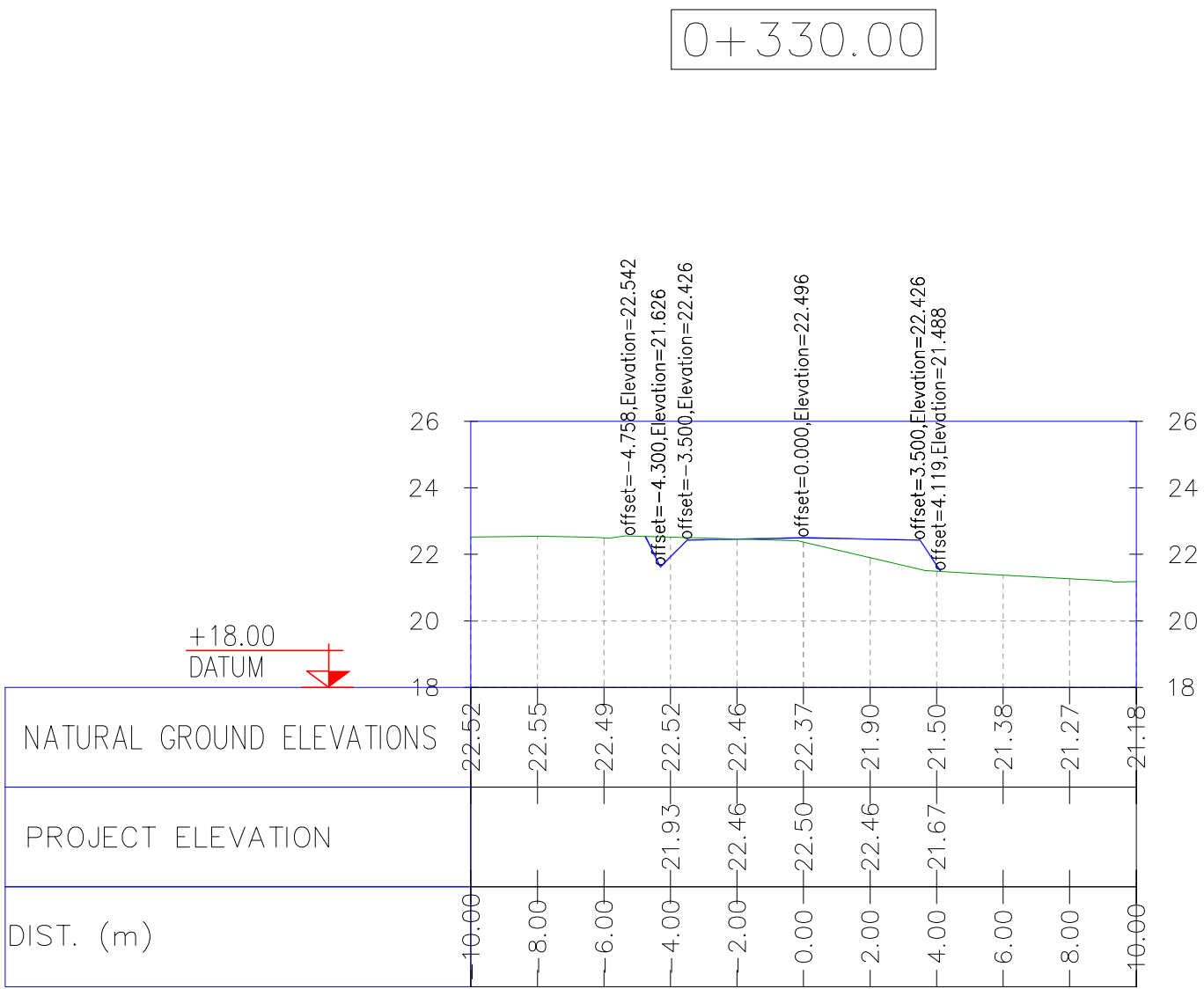
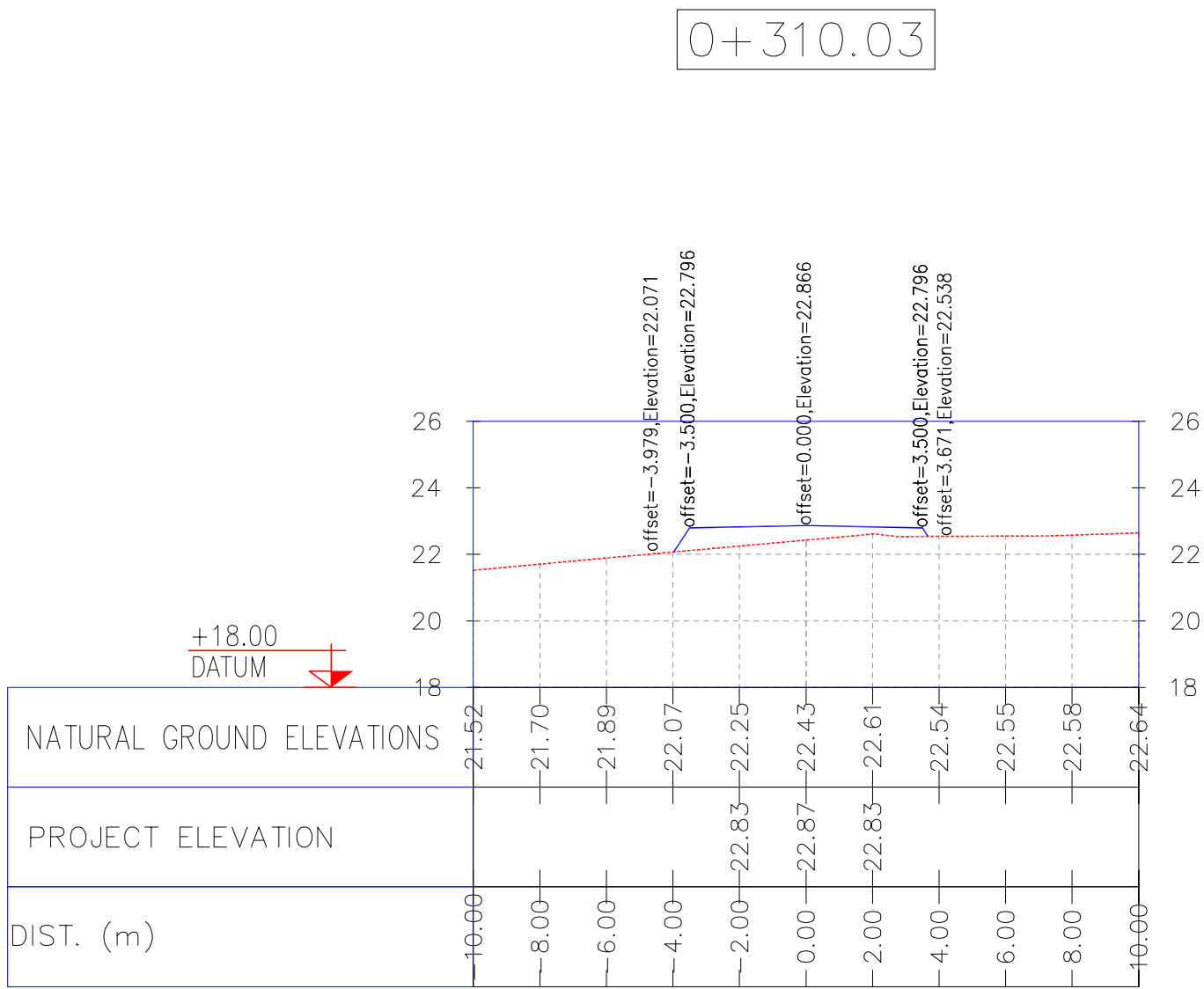
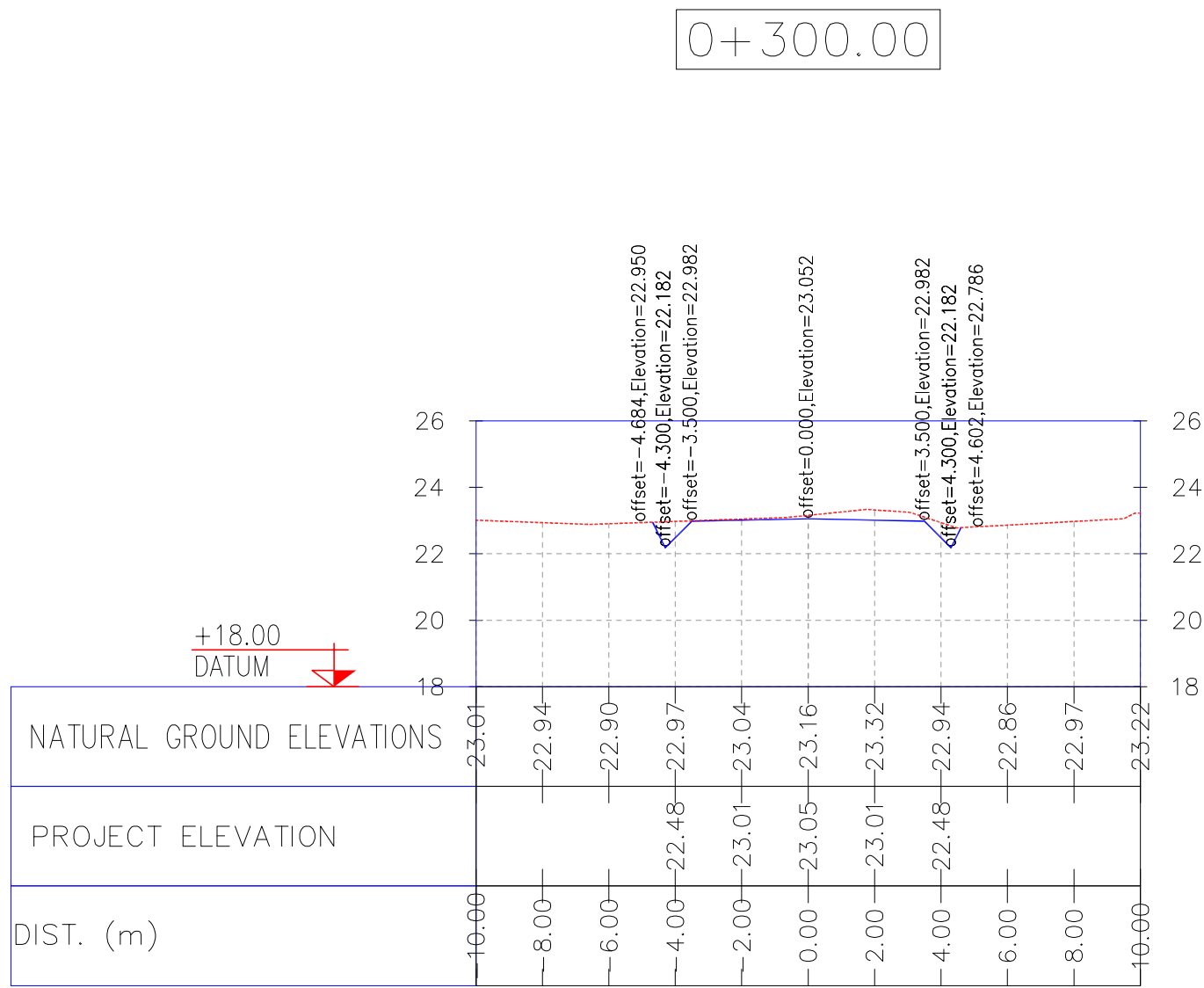
LEGEND

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

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	***	REV.	DESCRIPTION	BY	DATE	BY	DATE	
D00	OCT.2021	IFC	R. BERLOUEI	M.PAKHARIAN	SH.GHALUKAR	***					CHECKED		REV.
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.						
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES								THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS					
PROJECT NO.: 971020													
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):				BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES						
  HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY										
							DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.		
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S ACCESS ROAD TRANSVERSAL SECTIONS KM 250~280M							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
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			26 OF 41	D03	053-073-9184	F	4	2	707548	26	D03



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)

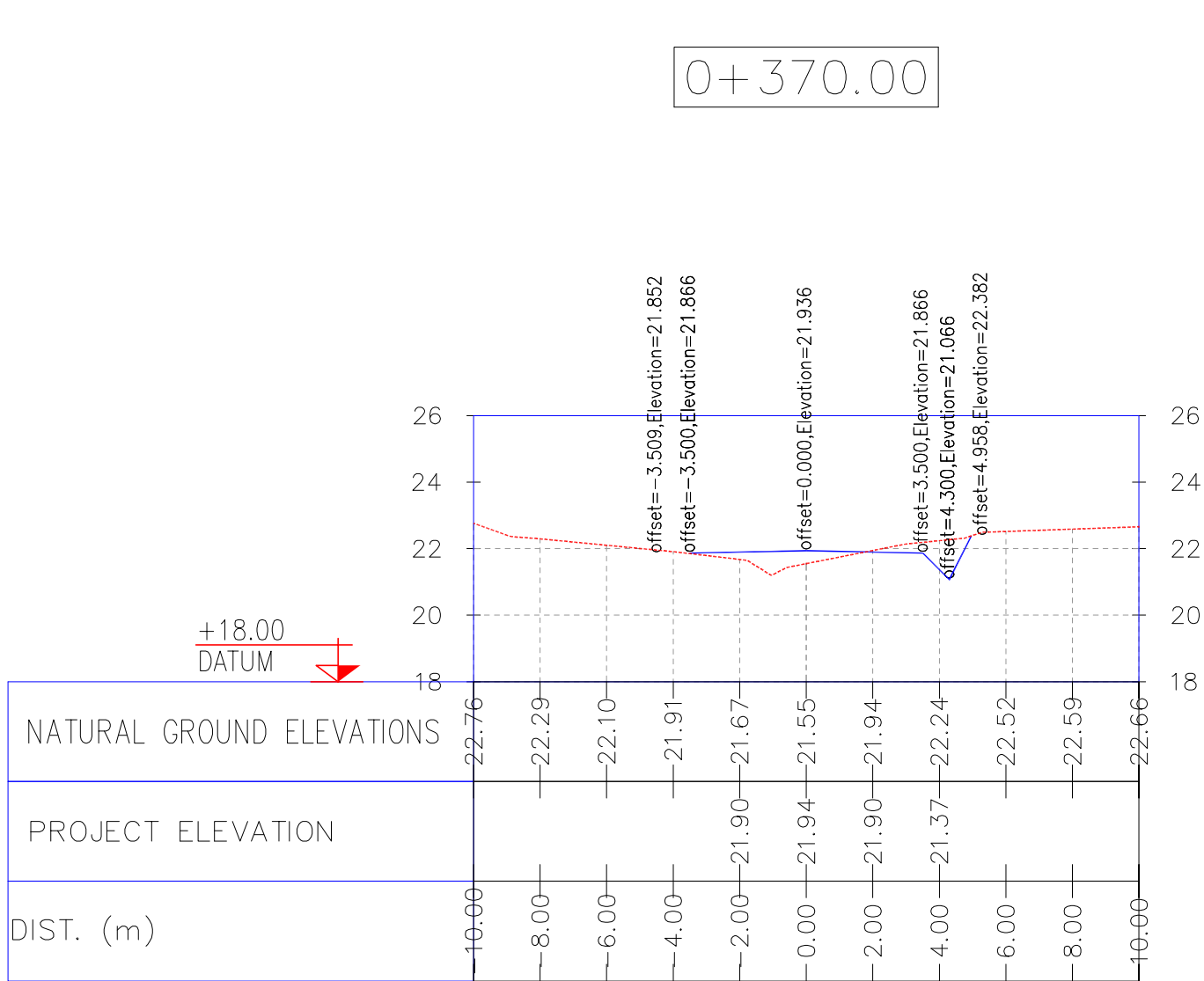
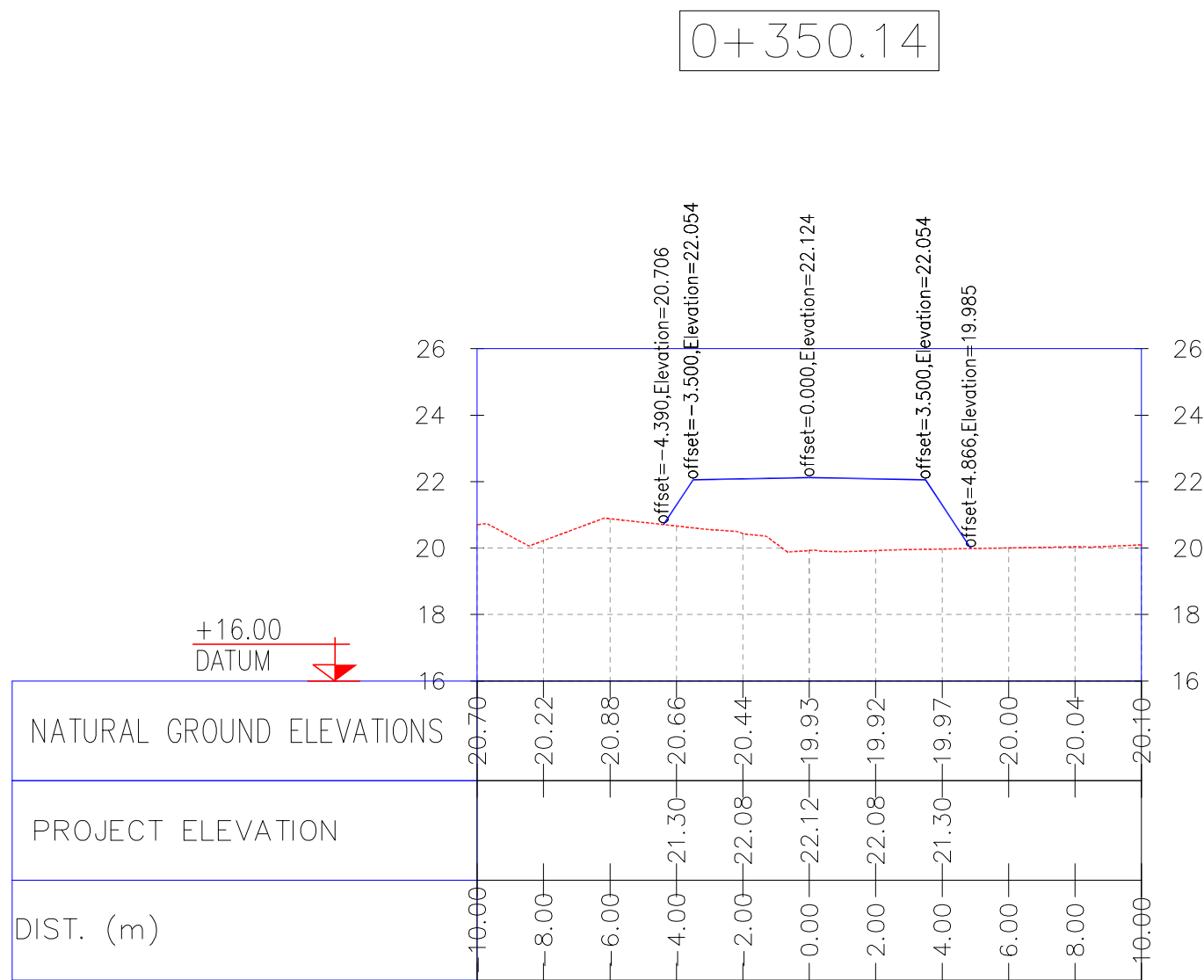
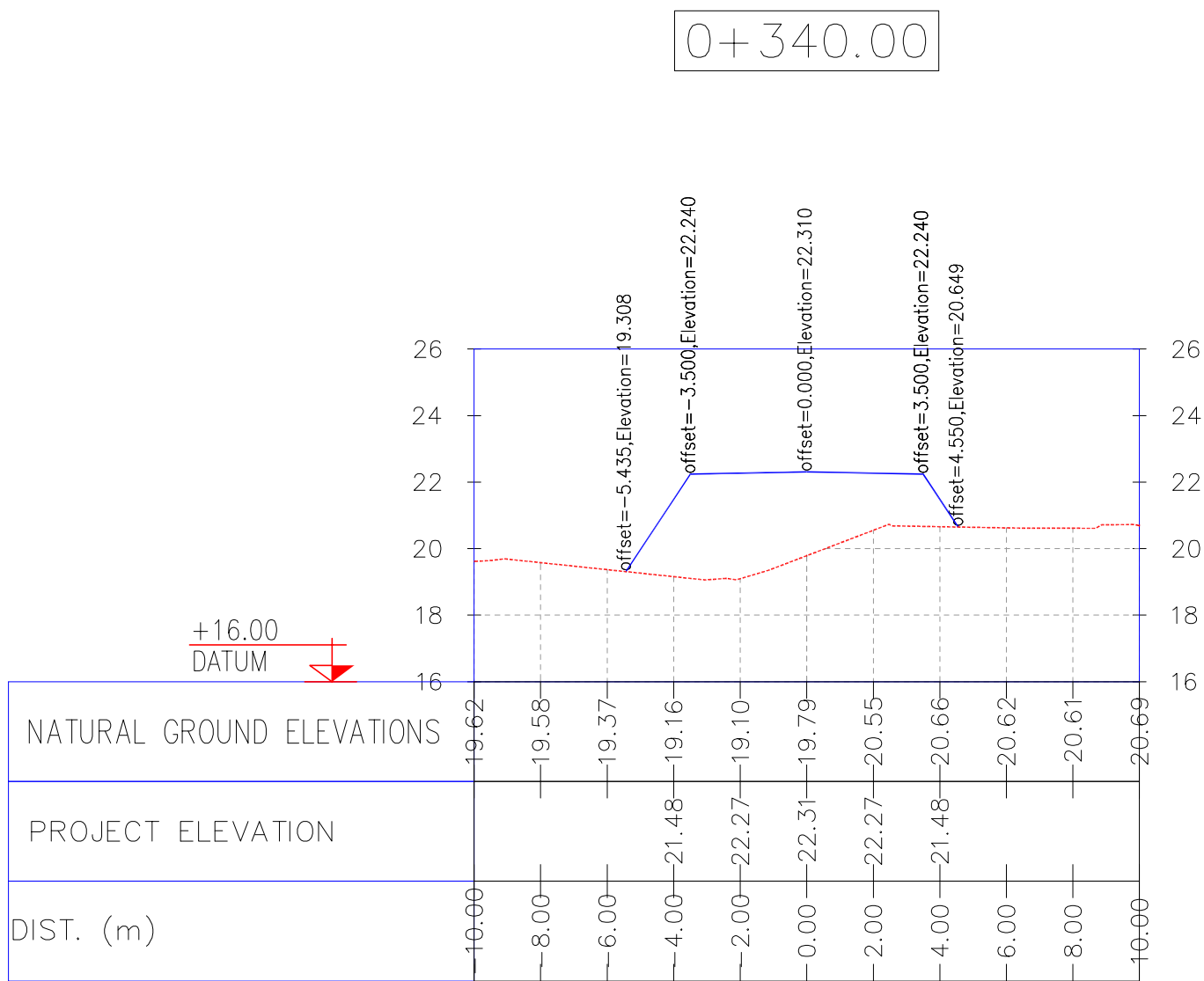
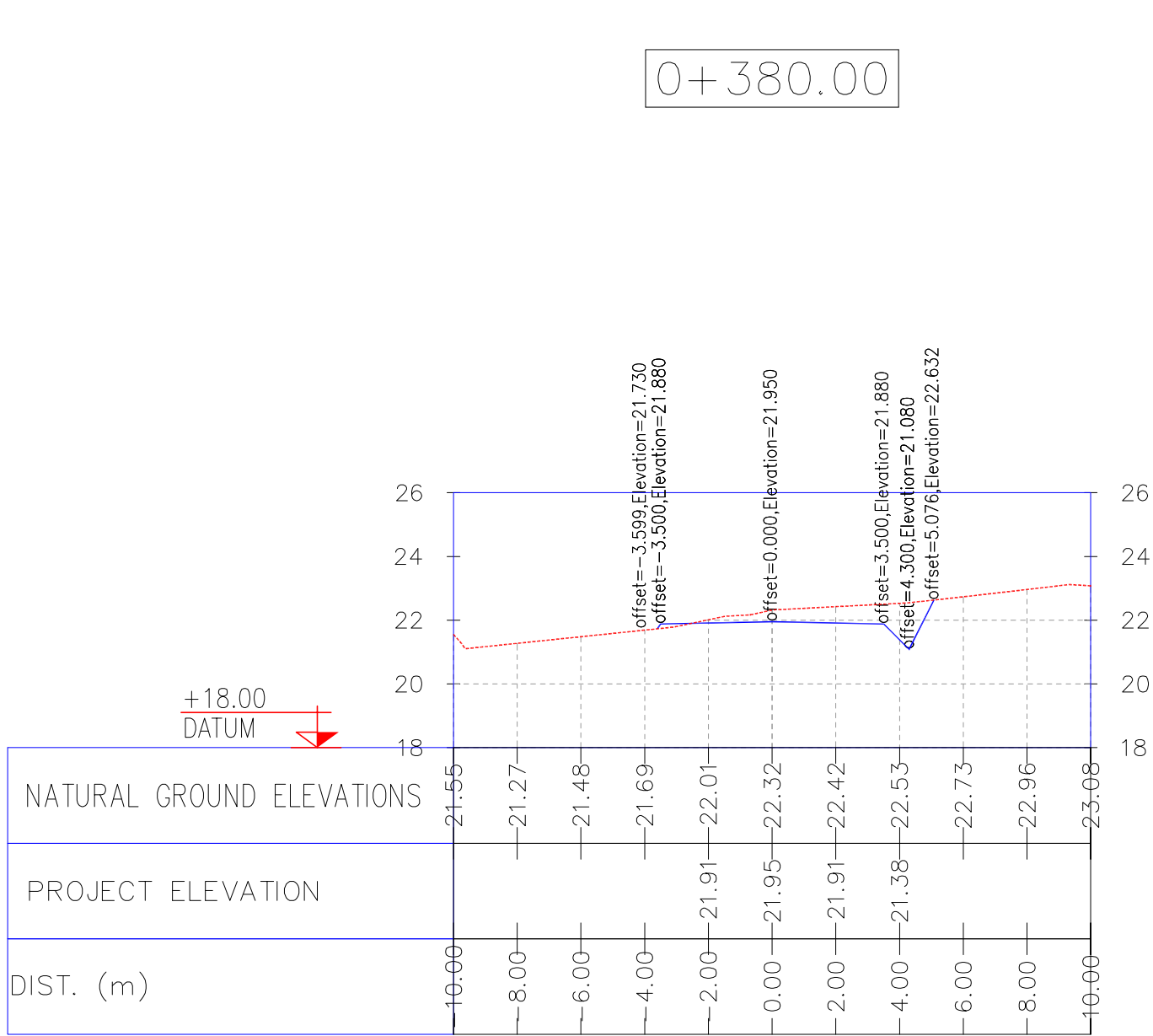
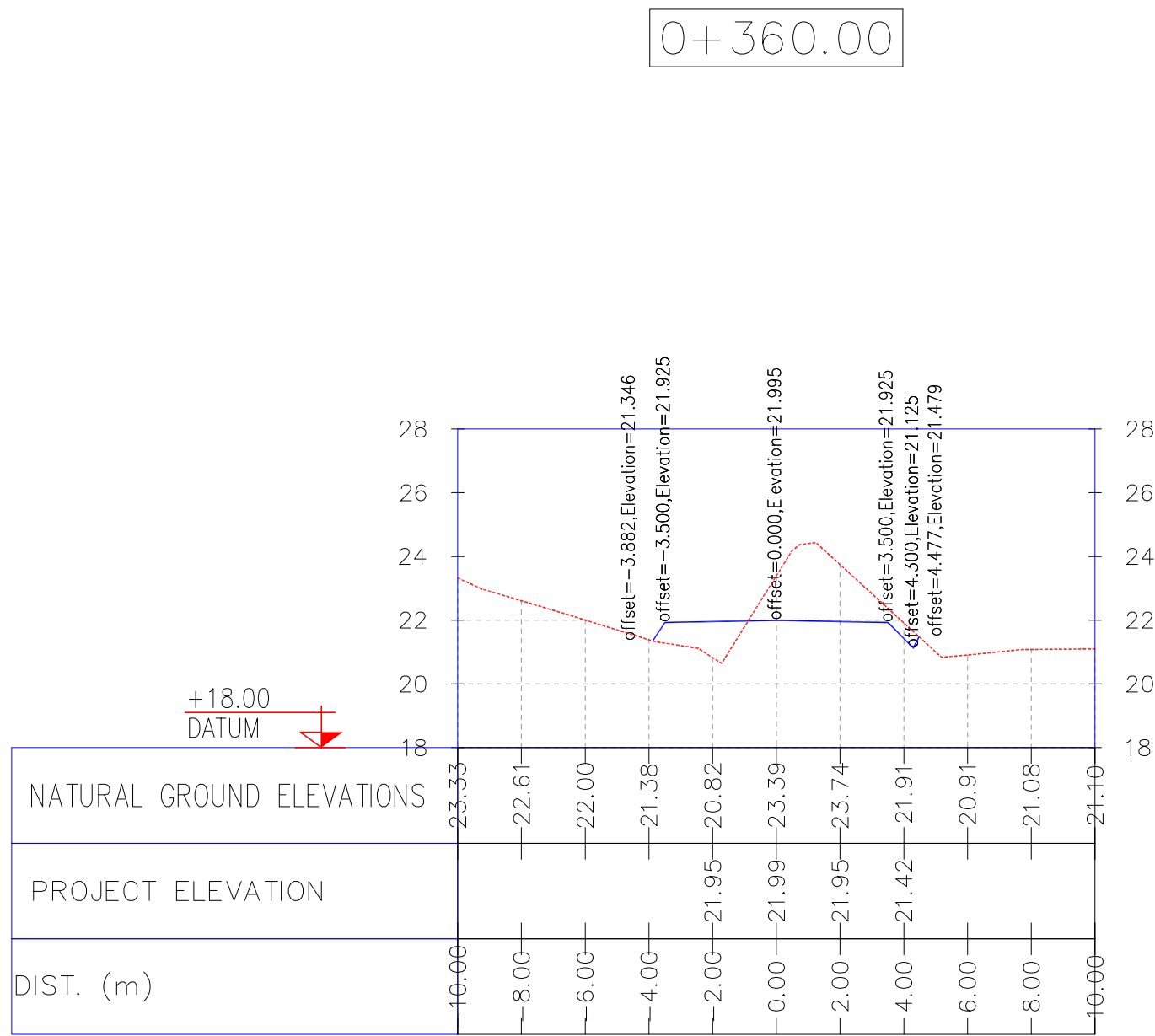
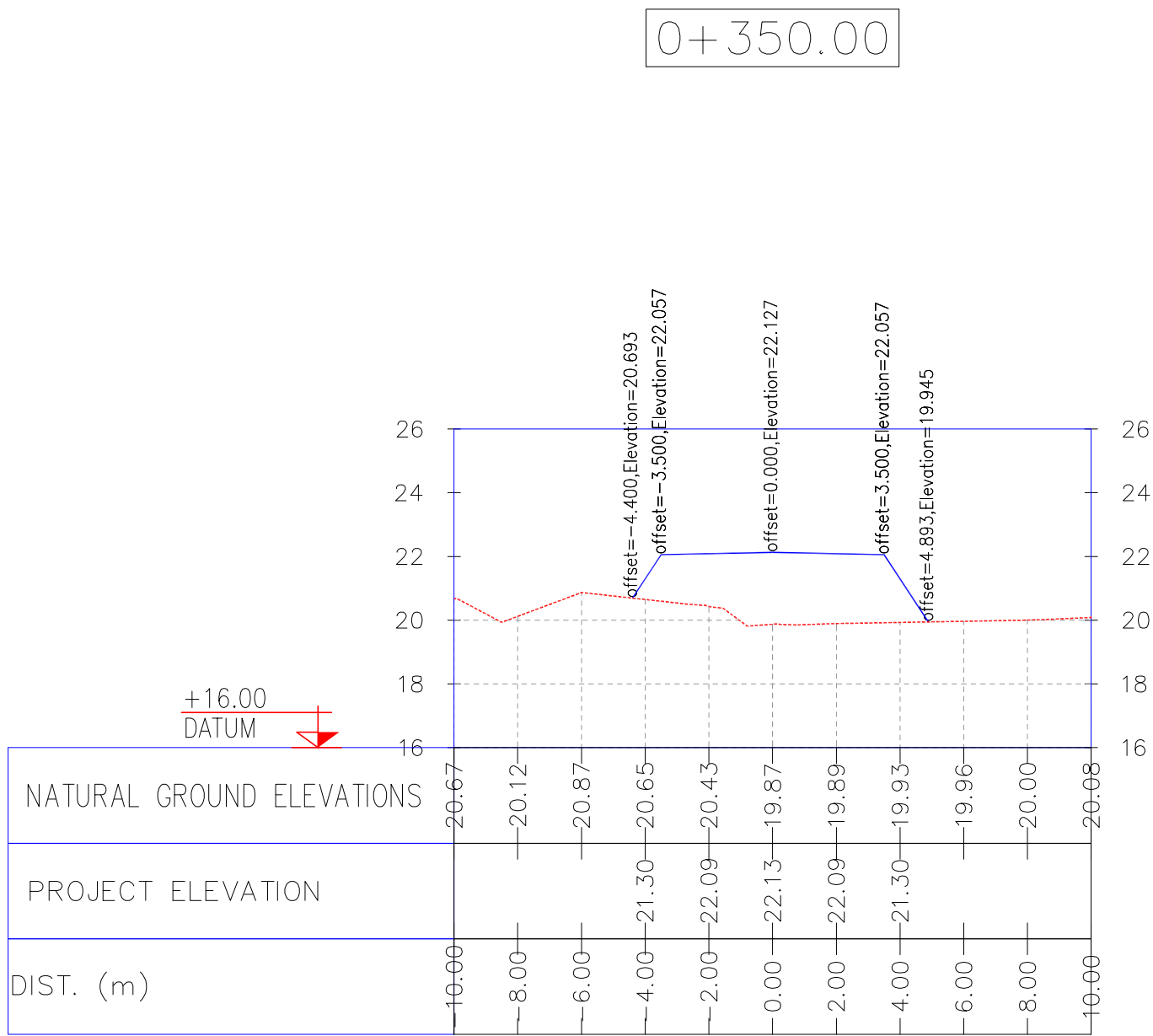
VERTICAL DATUM: MSL

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

D03	MAY.2022	IPA	R. BERLOURI	M.PAKHARIAN	M.MEHRSHAD	***							
D02	MAR.2022	IPA	R. BERLOURI	M.PAKHARIAN	M.MEHRSHAD	***	***	*****	***	*****	***	*****	
D01	NOV.2021	IPA	R. BERLOURI	M.PAKHARIAN	M.MEHRSHAD	***	REV.	DESCRIPTION	BY	DATE	BY	DATE	
D00	OCT.2021	IPC	R. BERLOURI	M.PAKHARIAN	SH.GHALIKAR	***			CHECKED		REV. APPR.		
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کليه نسخ اين نقشه و حق اقتباس متعلق به شرکت ملي مناطق نفت خيز جنوب مي باشد.						
PROJECT NAME:								THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS					
PROJECT NO.:								971020					
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):				BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES						
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY										
							DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.		
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
CIVIL AND STRUCTURAL DRAWINGS-W028S ACCESS ROAD TRANSVERSAL SECTIONS KM 300~330M							APPROVED FOR CONSTRUCTION			BY:	DATE:		
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			27 OF 41	D03	053-073-9184	F	4	2	707548	27	D03



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)

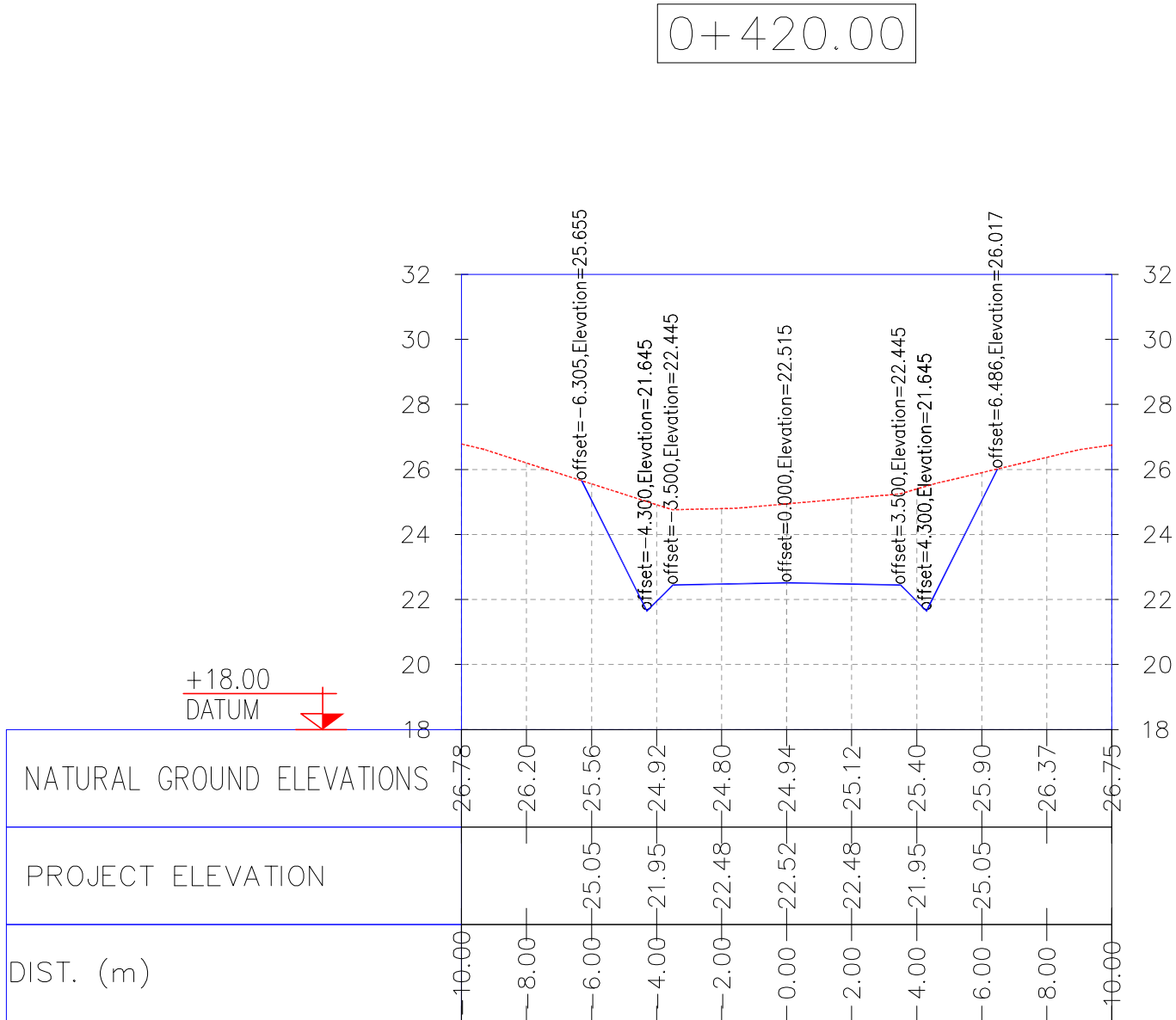
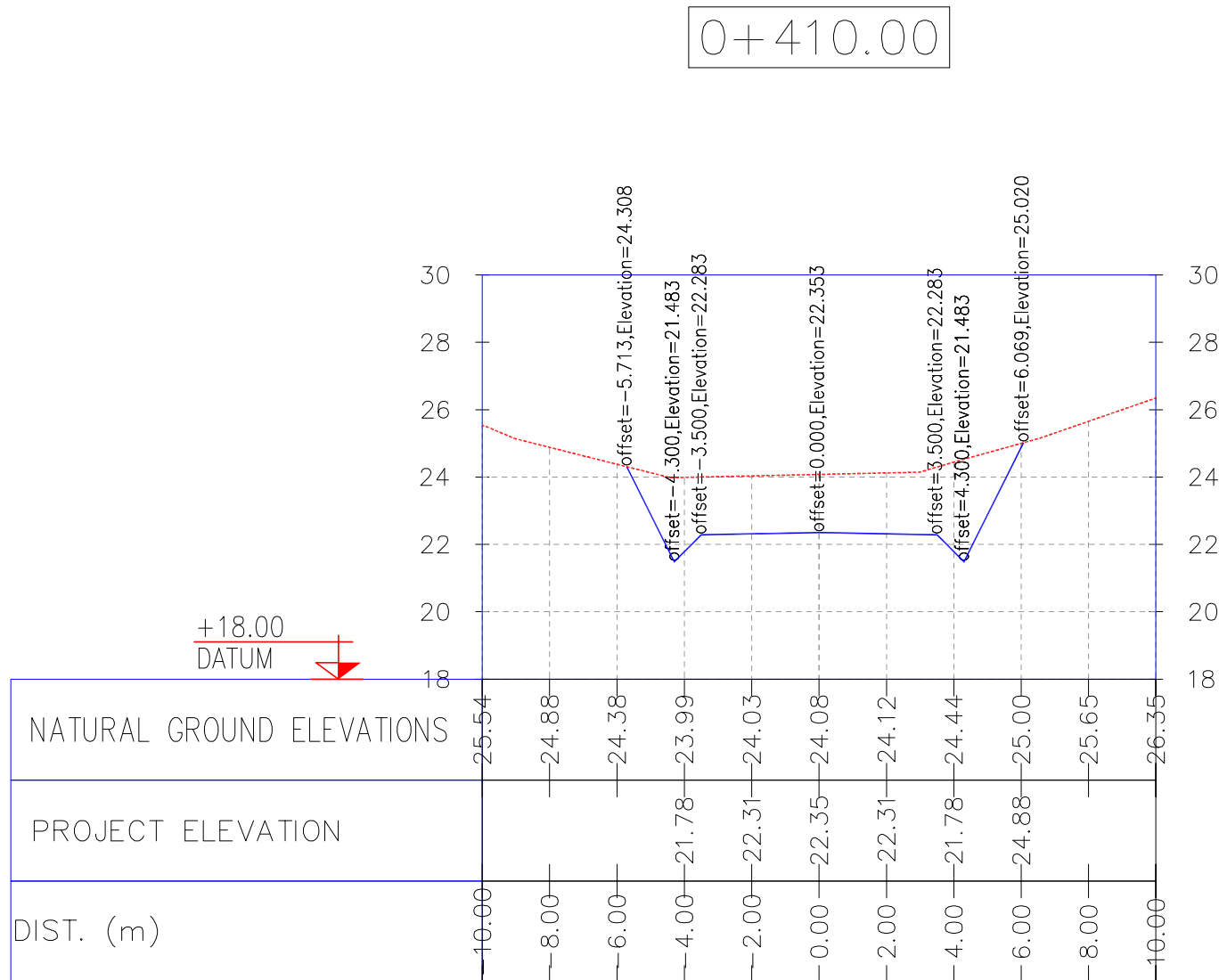
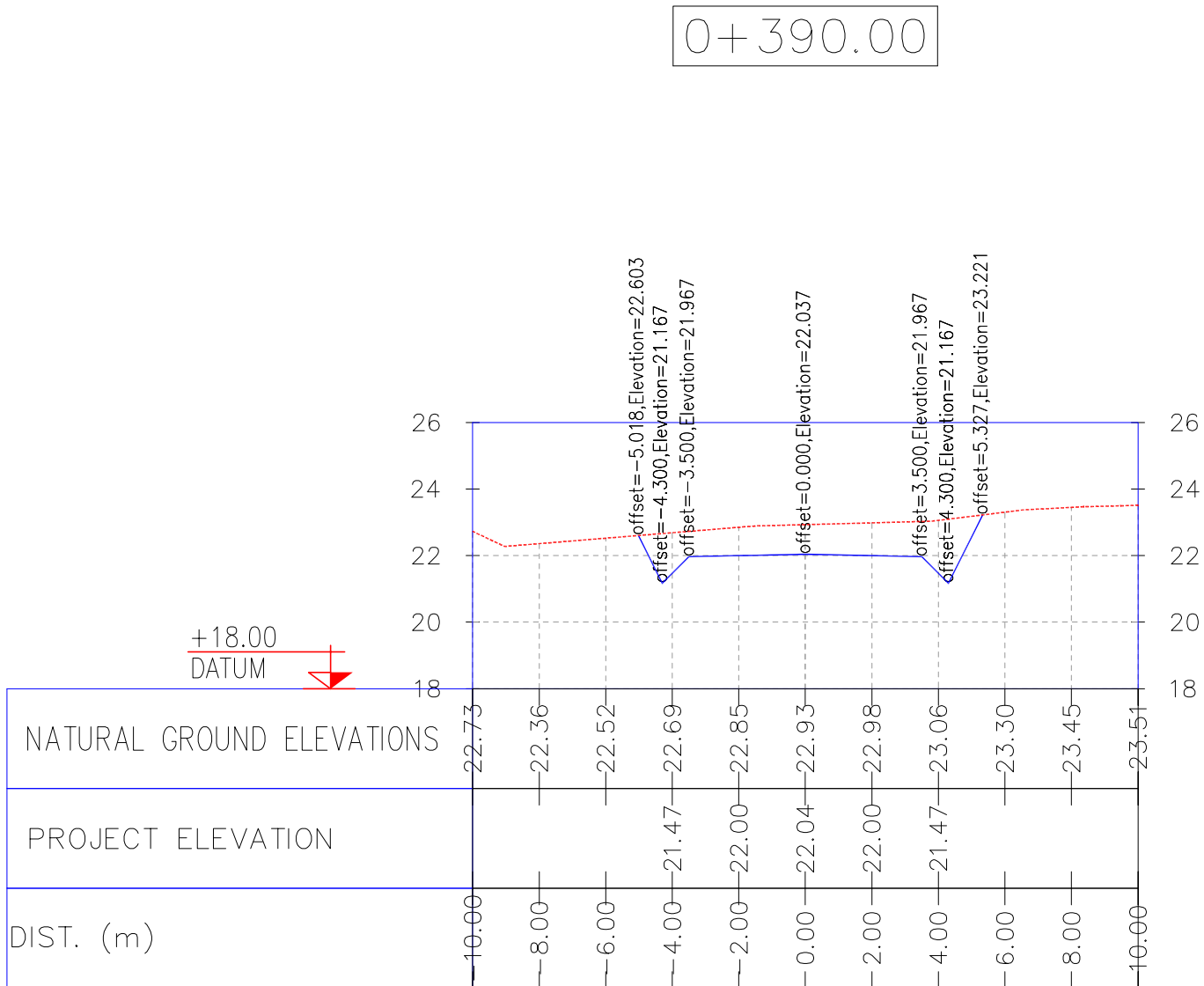
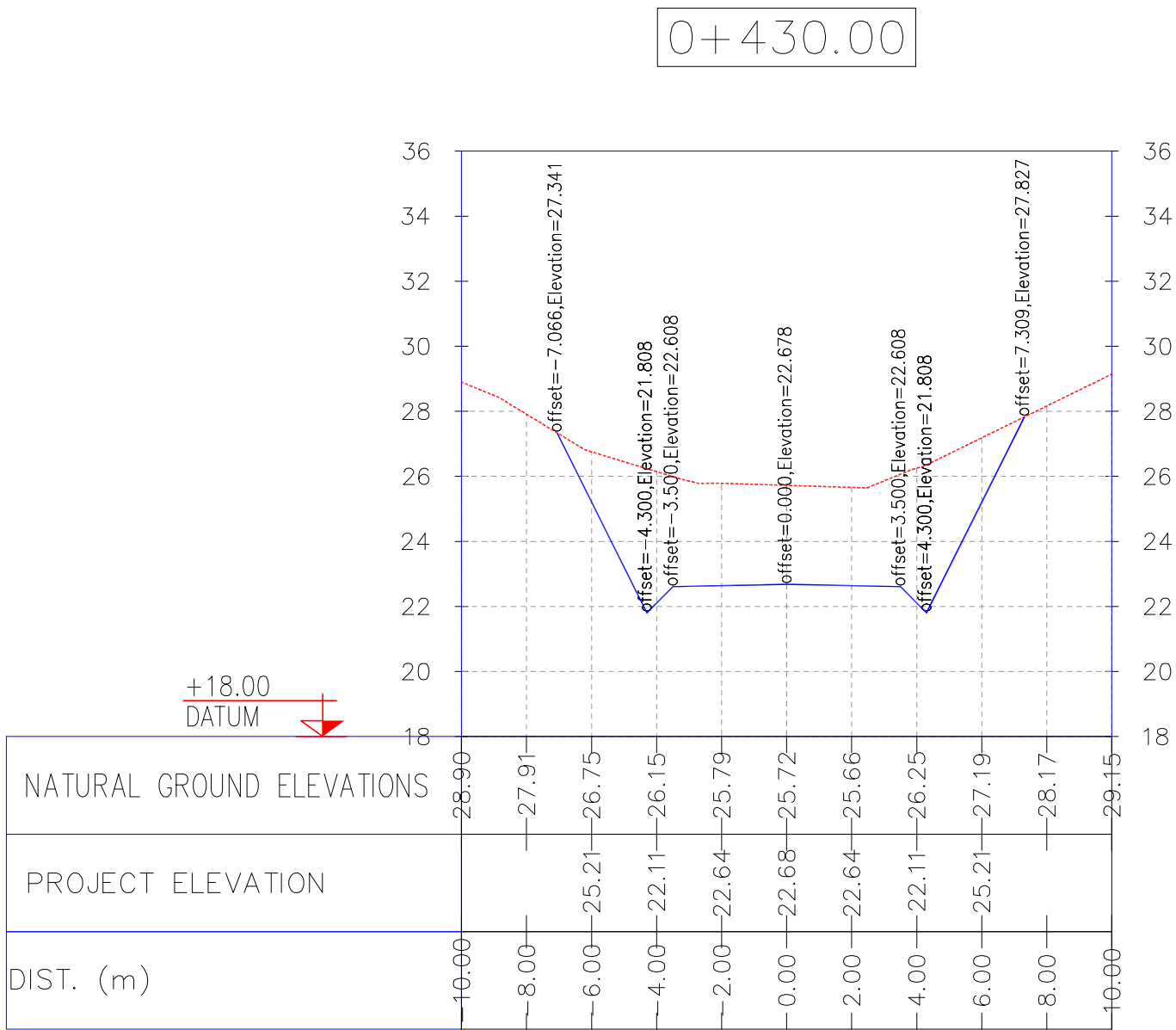
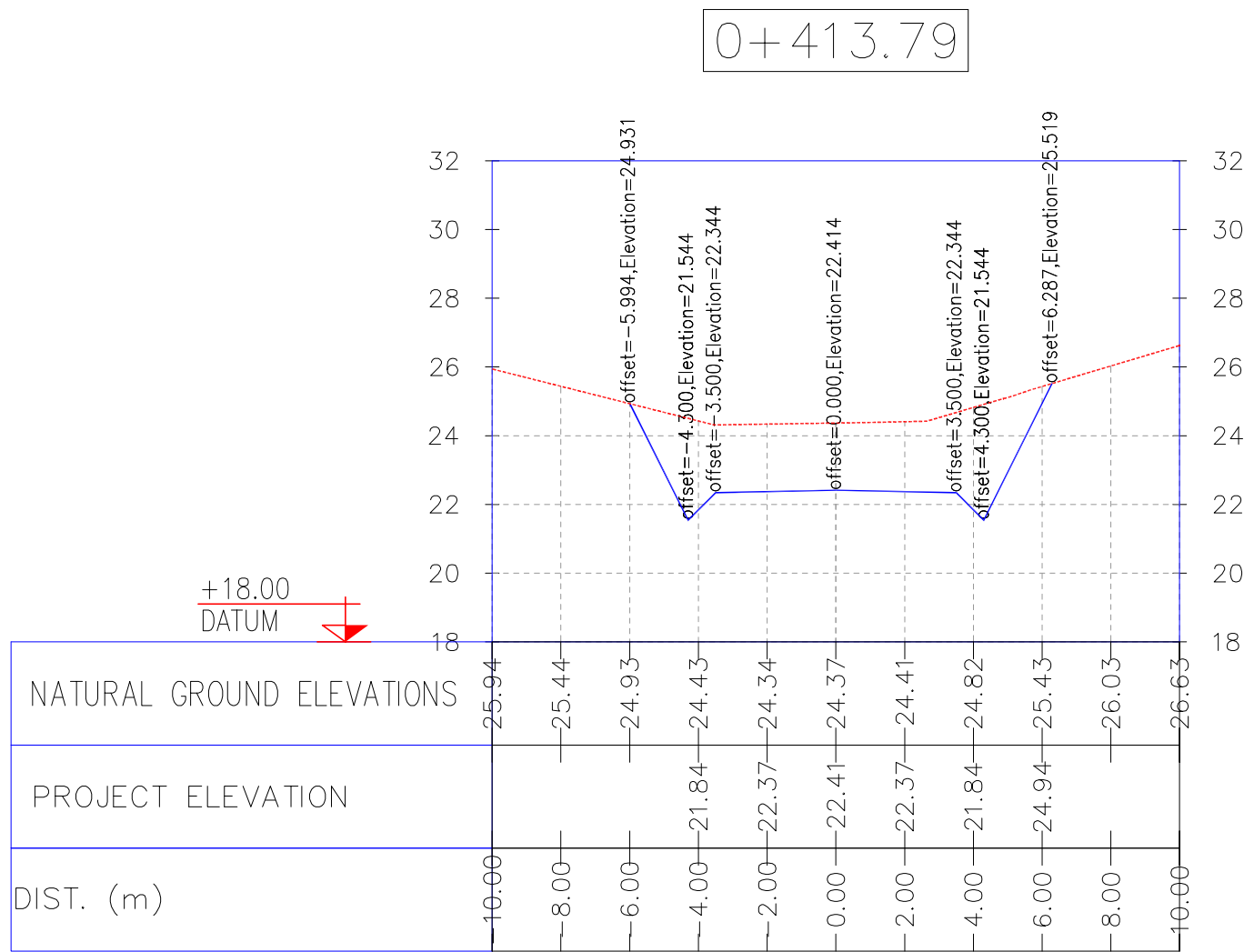
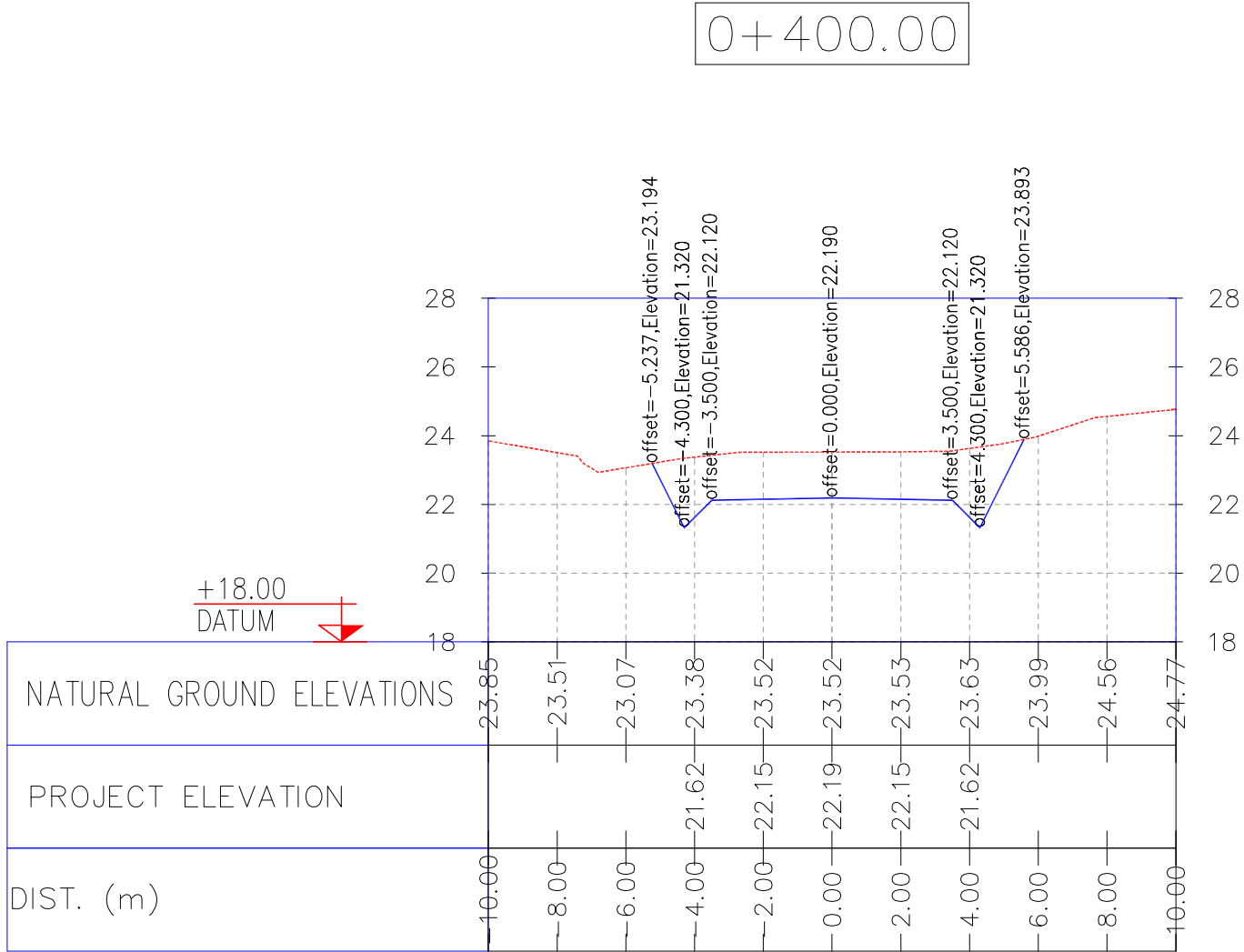
VERTICAL DATUM: MSL

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-GNRAI-PEDCO-000-CV-DW-0014
Specification For Earth Work	BK-GNRAI-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAI-PEDCO-000-CV-DW-0002

KEY PLAN

D03	MAY.2022	IPA	R. BERLOURI	M.PAKHARIAN	M.MEHRSHAD	***							
D02	MAR.2022	IPA	R. BERLOURI	M.PAKHARIAN	M.MEHRSHAD	***	***	*****	***	*****	***	*****	
D01	NOV.2021	IPA	R. BERLOURI	M.PAKHARIAN	M.MEHRSHAD	***	REV.	DESCRIPTION	BY	DATE	BY	DATE	
D00	OCT.2021	IPC	R. BERLOURI	M.PAKHARIAN	SH.GHALIKAR	***			CHECKED		REV. APPR.		
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کليه نسخ اين نقشه و حق اقتباس متعلق به شرکت ملي مناطق نفت خيز جنوب مي باشد.						
PROJECT NAME:			BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES				THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS						
PROJECT NO.:			971020										
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):			BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES							
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY										
			PEDCO			DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.			
DRAWING TITLE:						NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED							
CIVIL AND STRUCTURAL DRAWINGS-W028S ACCESS ROAD TRANSVERSAL SECTIONS KM 350~380M						APPROVED FOR CONSTRUCTION				BY:		DATE:	
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			28 OF 41	D03	053-073-9184	F	4	2	707548	28	D03



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 GEODETTIC SYSTEM 1984 (WGS84)

MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)

VERTICAL DATUM: MSL

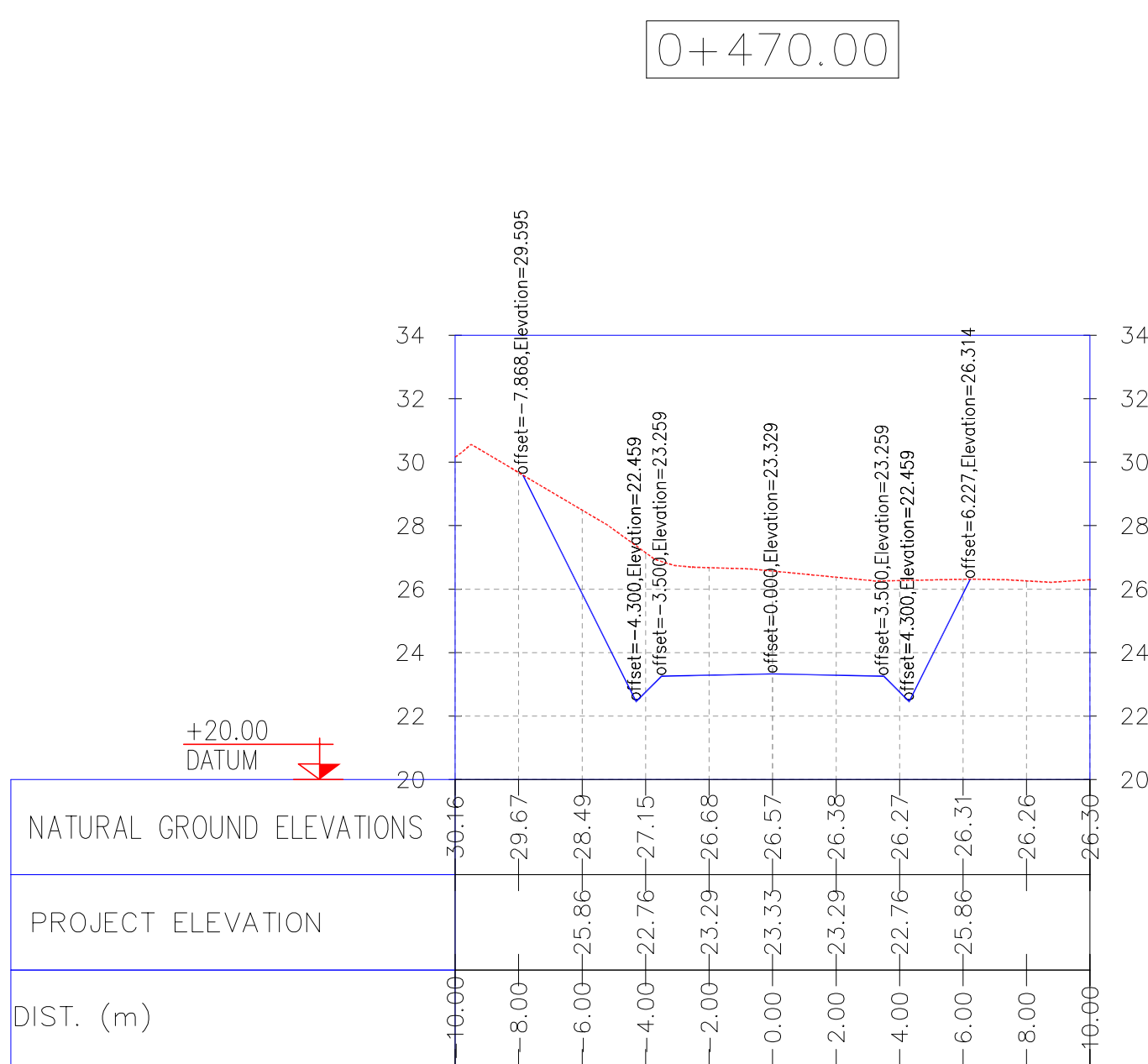
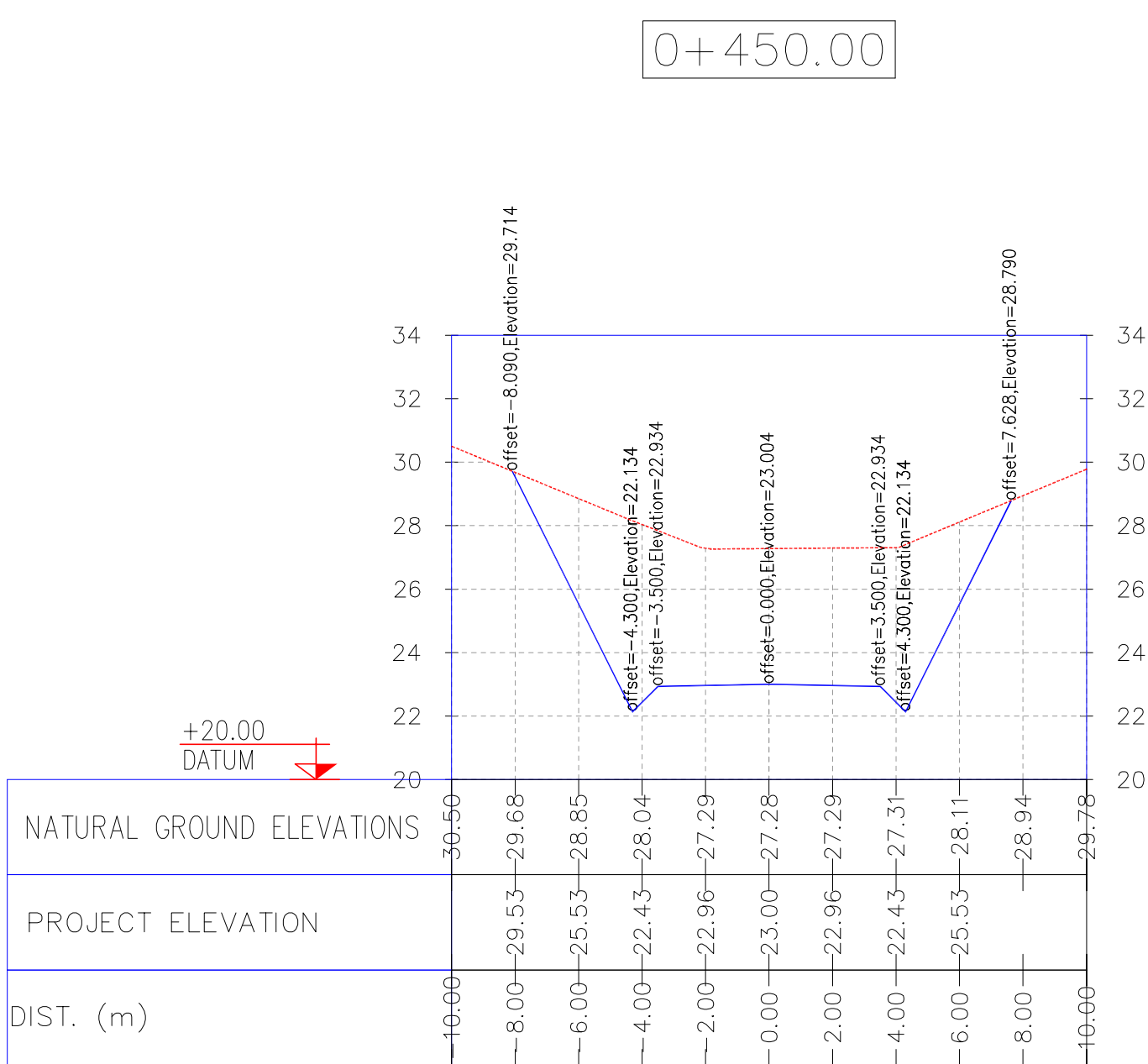
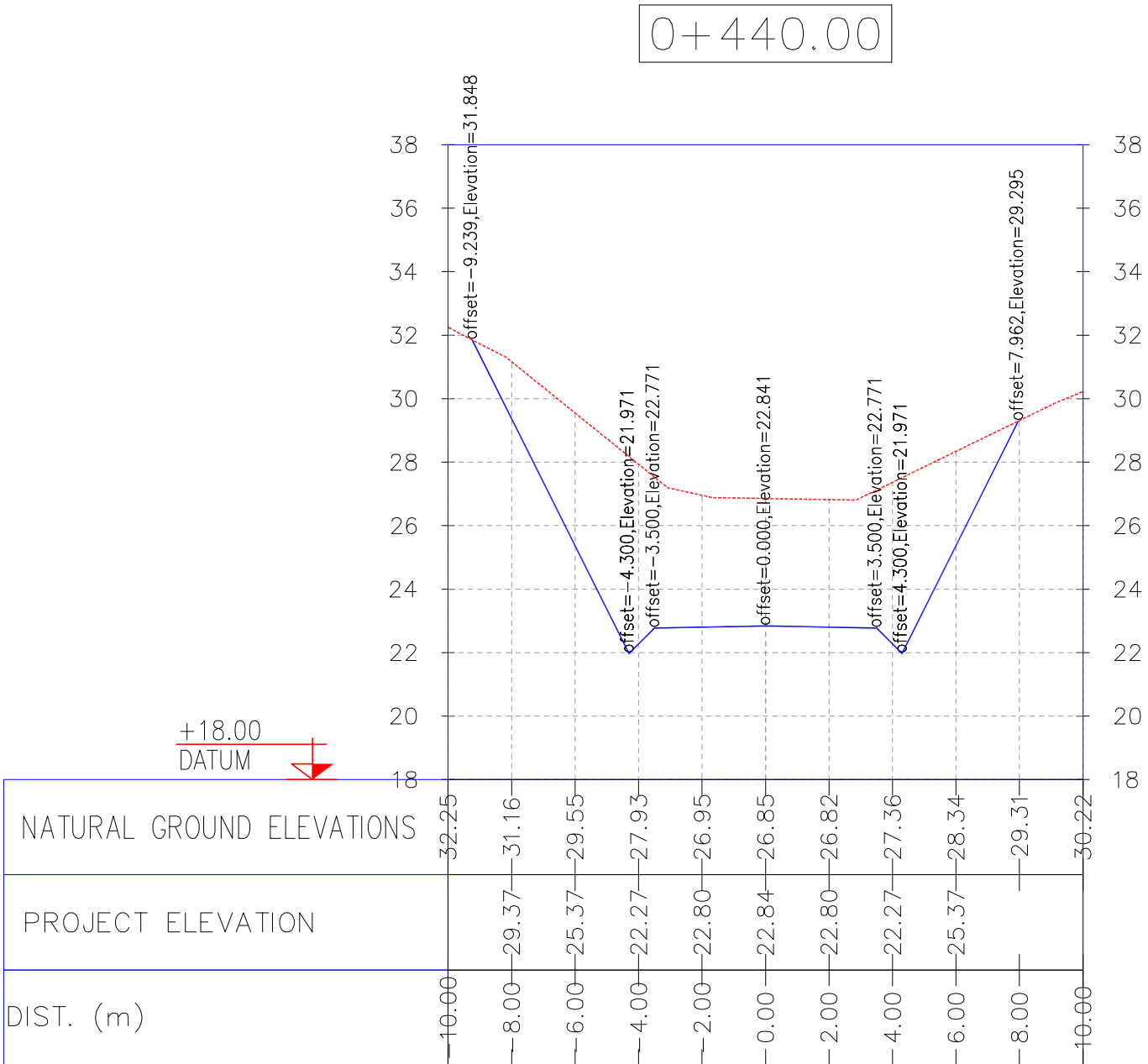
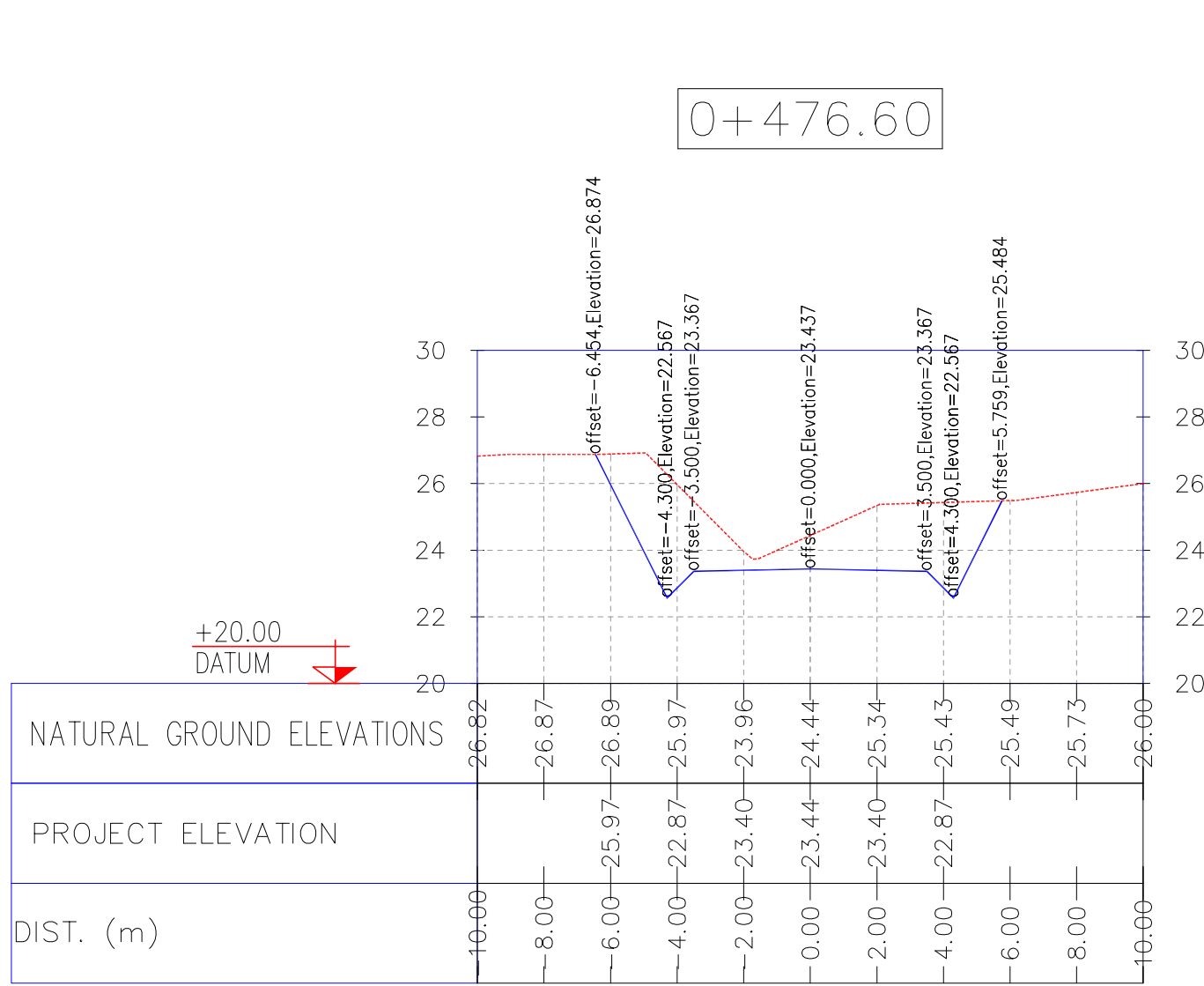
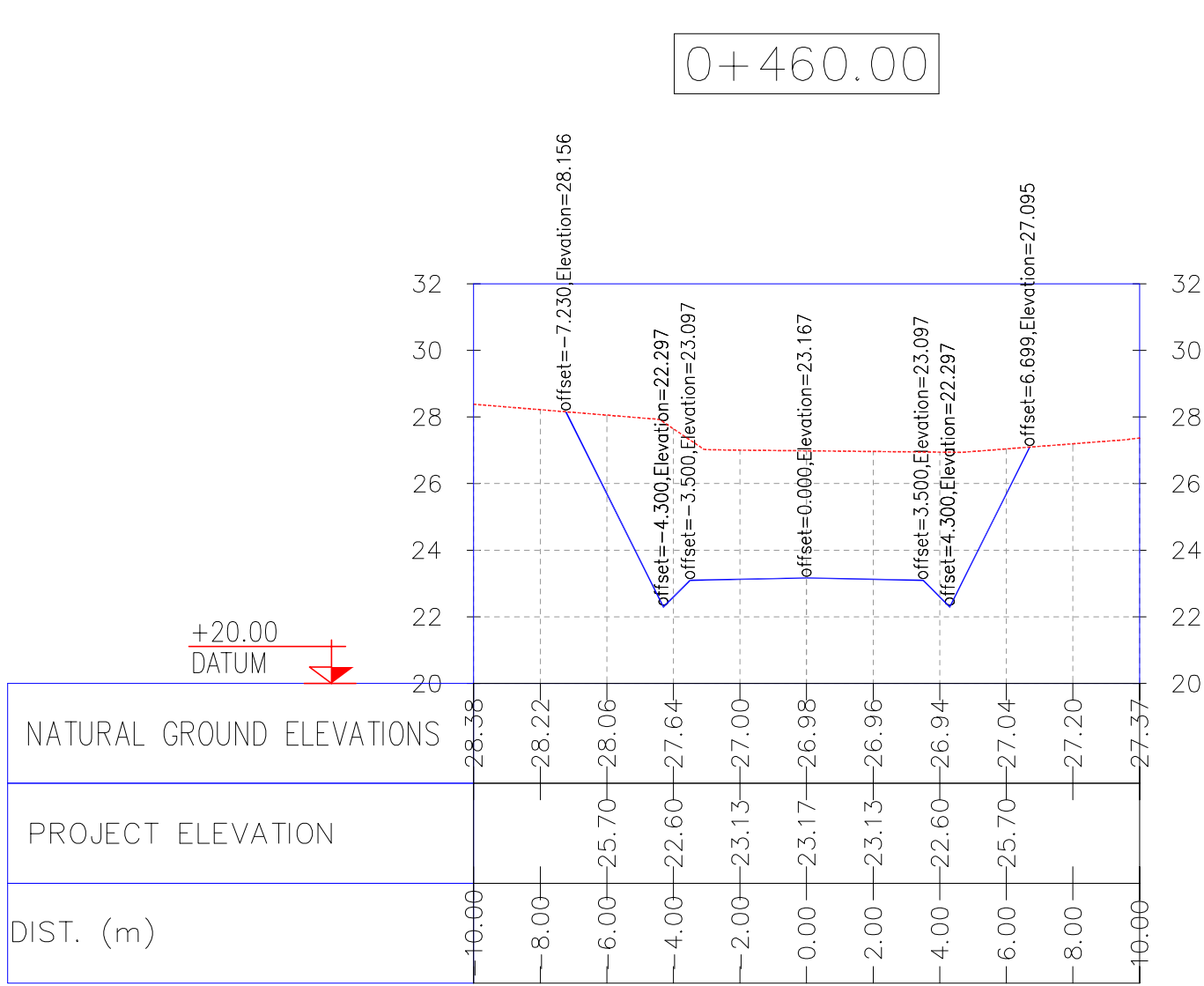
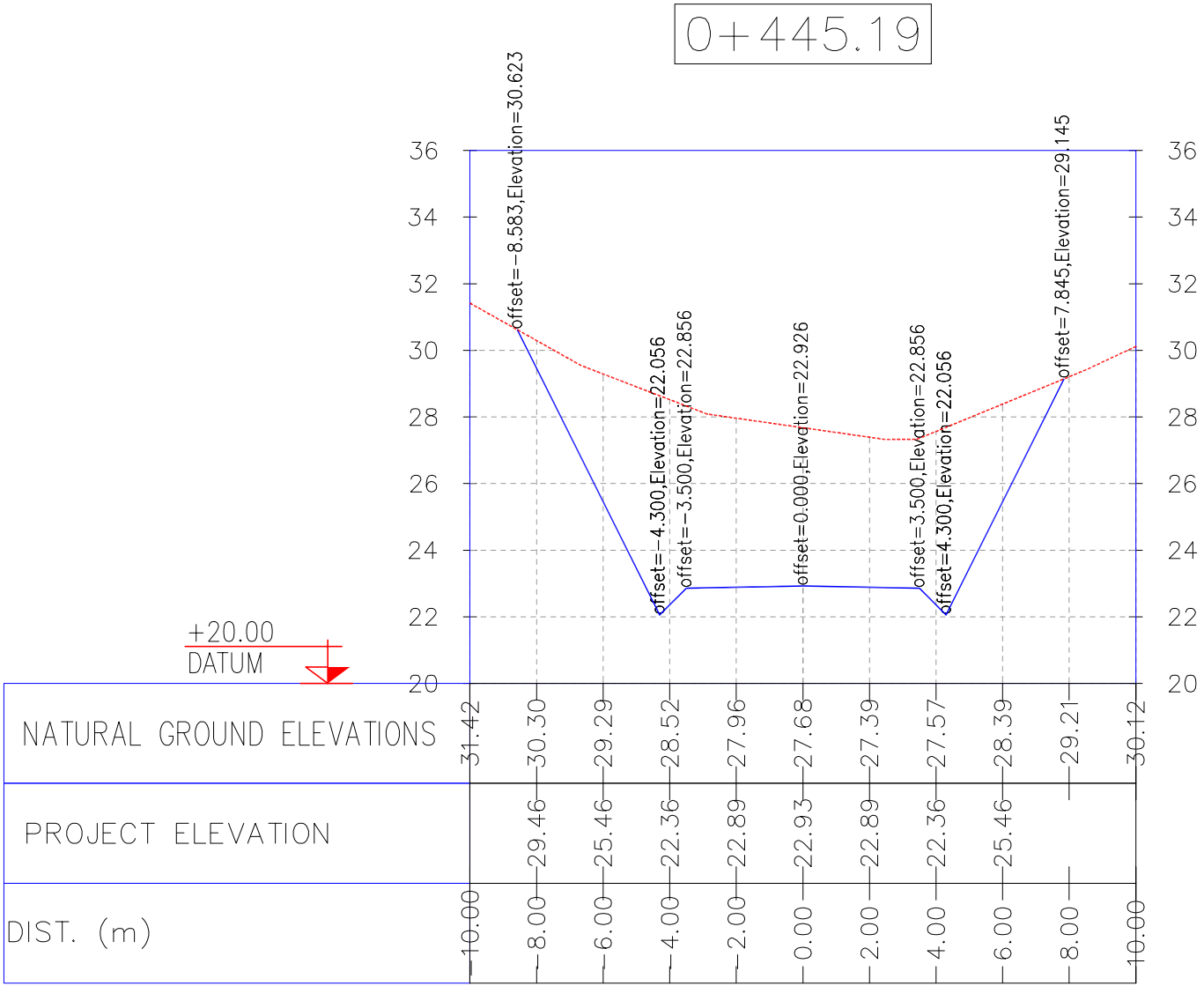
LEGEND

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

D03	MAY.2022	IPA	R. BERLOURI	M.PAKHARIAN	M.MEHRSHAD	***							
D02	MAR.2022	IPA	R. BERLOURI	M.PAKHARIAN	M.MEHRSHAD	***	***	*****	***	*****	***	*****	
D01	NOV.2021	IPA	R. BERLOURI	M.PAKHARIAN	M.MEHRSHAD	***	REV.	DESCRIPTION	BY	DATE	BY	DATE	
D00	OCT.2021	IPC	R. BERLOURI	M.PAKHARIAN	SH.GHAJIKAR	***			CHECKED		REV. APPR.		
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کليه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.						
PROJECT NAME:			BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES				THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS						
PROJECT NO.:			971020										
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):			BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES							
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY										
						DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.			
DRAWING TITLE:						NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED							
CIVIL AND STRUCTURAL DRAWINGS-W028S ACCESS ROAD TRANSVERSAL SECTIONS KM 400~430M						APPROVED FOR CONSTRUCTION			BY:		DATE:		
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			29 OF 41	D03	053-073-9184	F	4	2	707548	29	D03



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

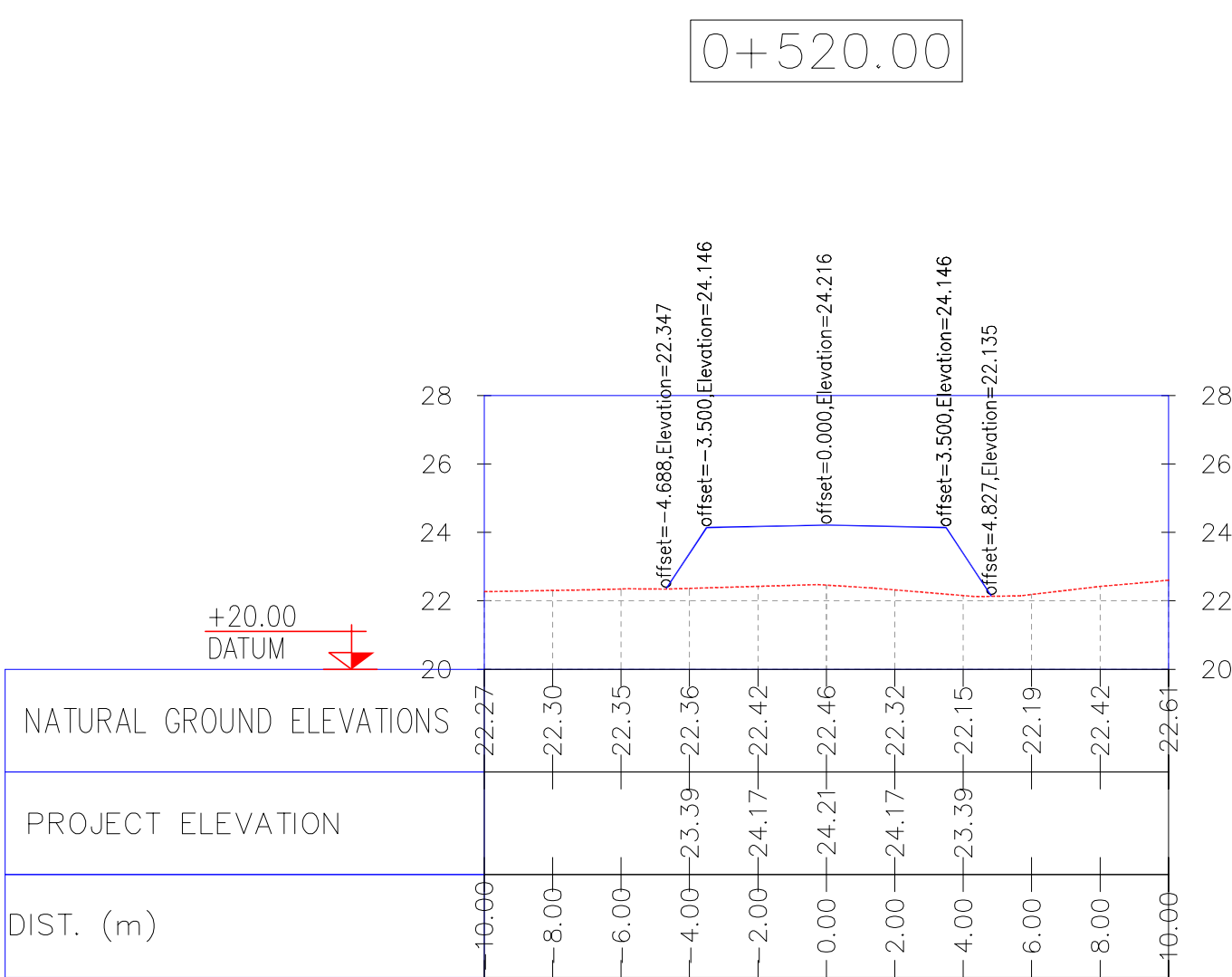
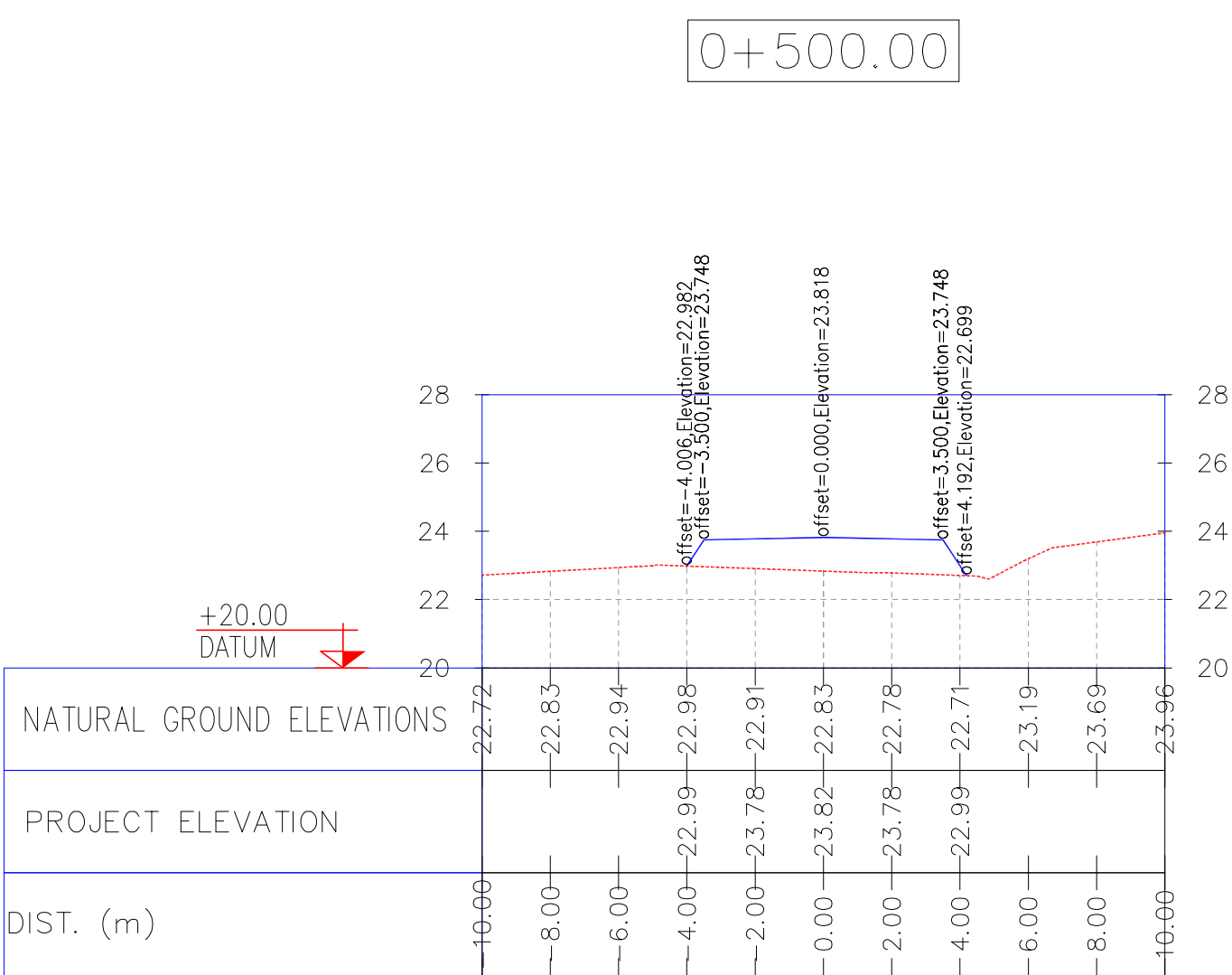
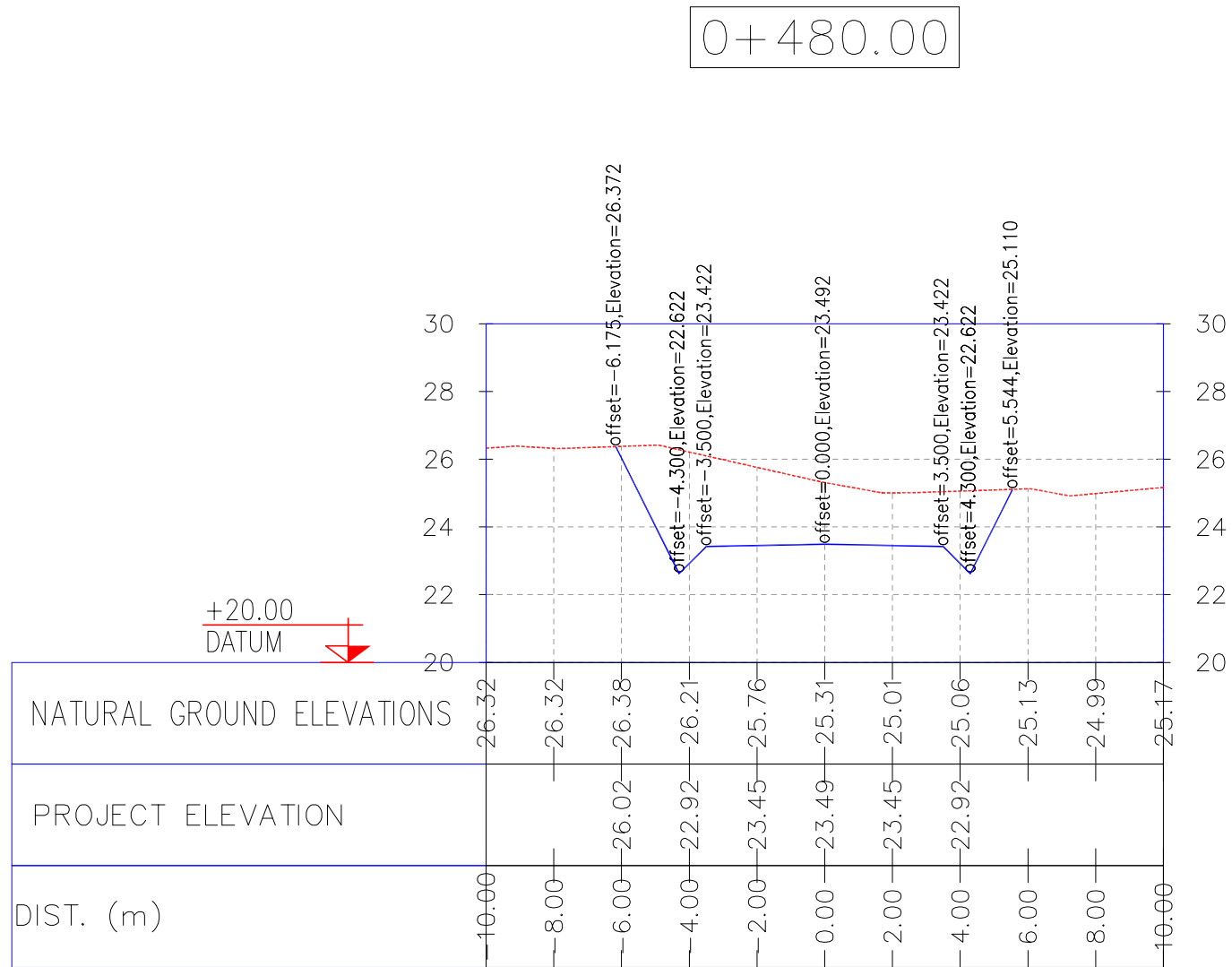
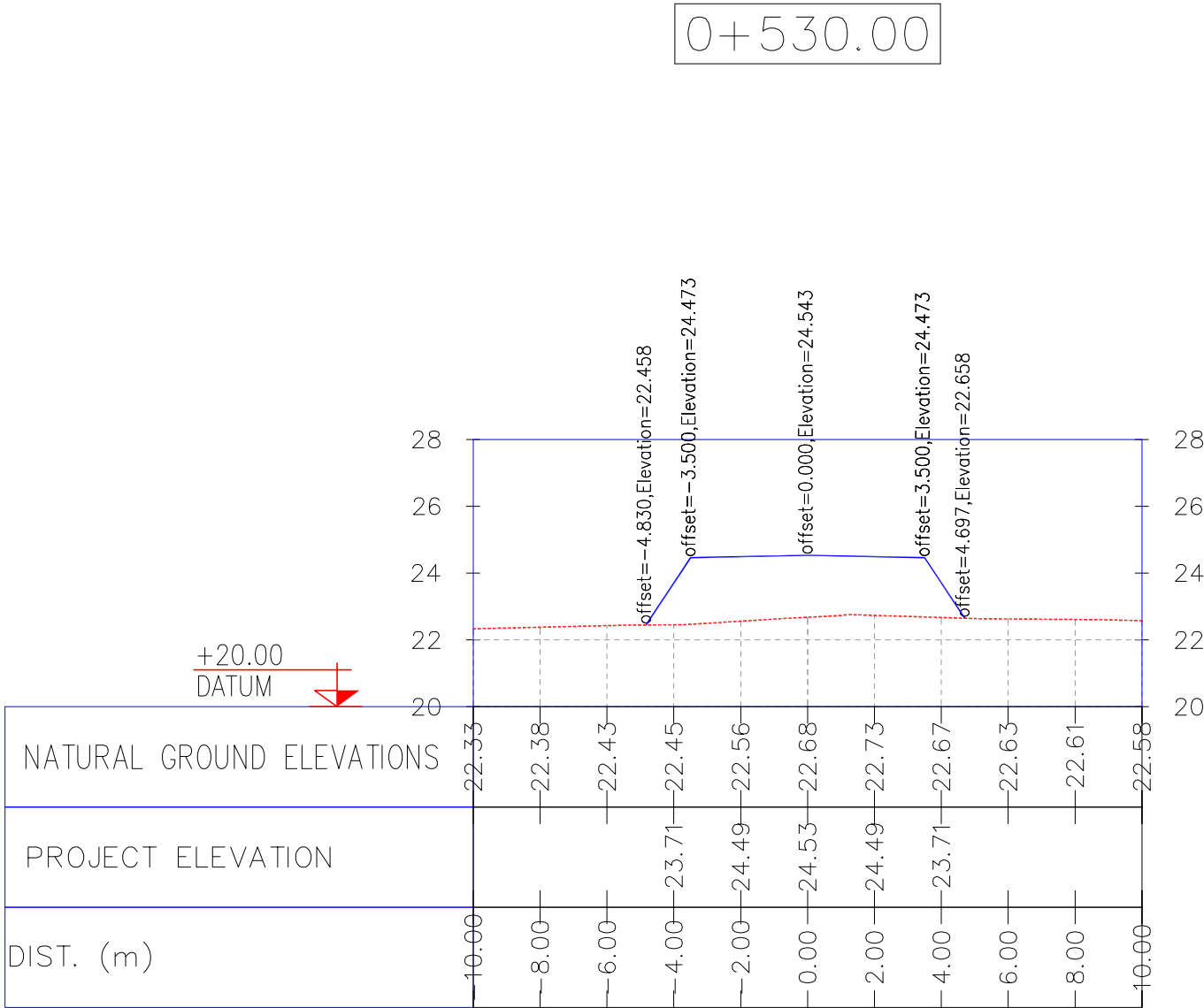
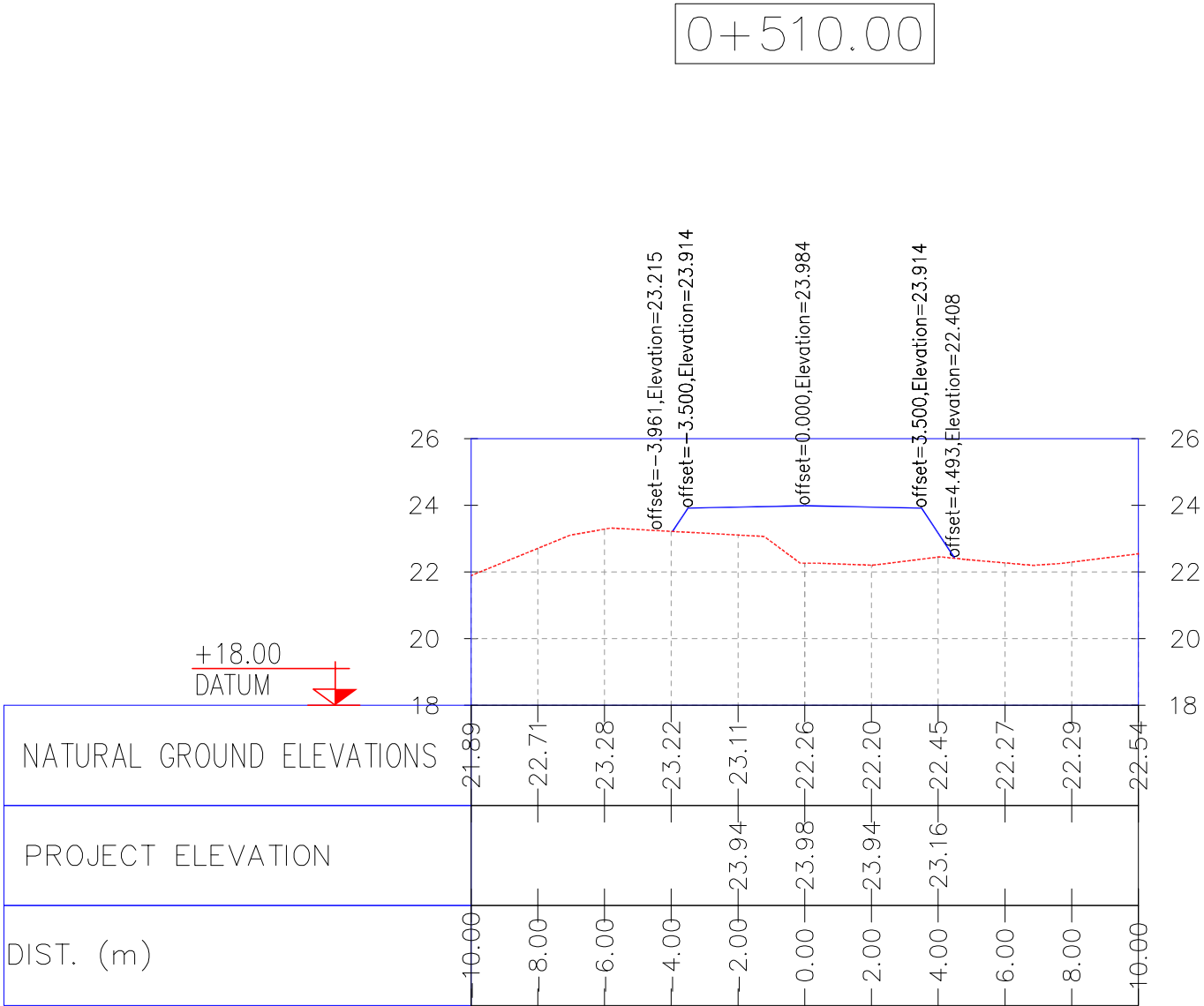
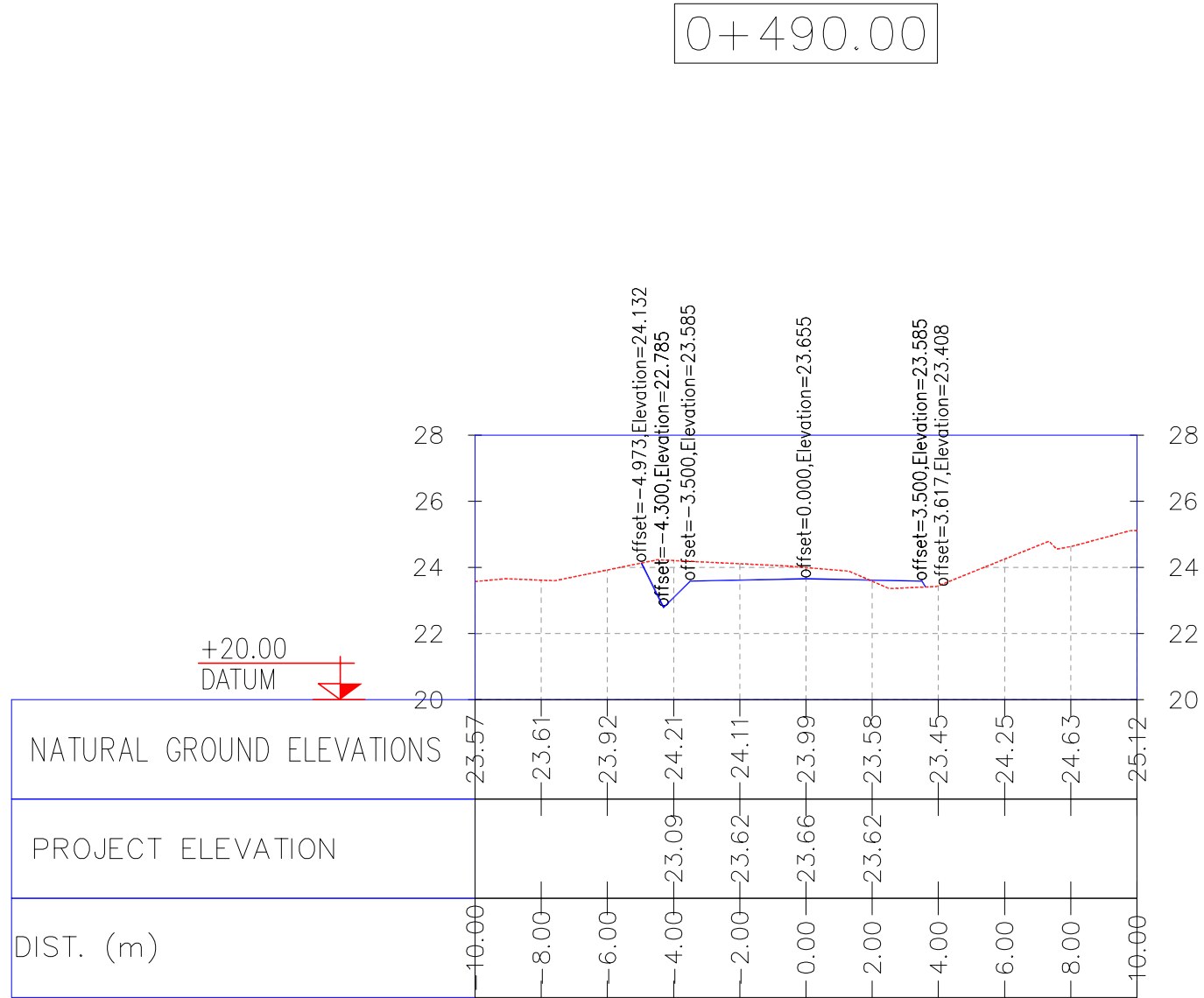
LEGEND

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

D03	MAY.2022	IPA	R. BERLOURI	M.PAKHARIAN	M.MEHRSHAD	***									
D02	MAR.2022	IPA	R. BERLOURI	M.PAKHARIAN	M.MEHRSHAD	***	***	*****	**	***	***	***	***	***	
D01	NOV.2021	IPA	R. BERLOURI	M.PAKHARIAN	M.MEHRSHAD	**	REV.	DESCRIPTION	BY	DATE	BY	DATE			
D00	OCT.2021	IPC	R. BERLOURI	M.PAKHARIAN	SH.GHALIKAR	***			CHECKED		REV. APPR.				
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	امل و کليه نسخ این نقشه و ترک آفتاب متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.								
PROJECT NAME:								THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS							
PROJECT NO.:															
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):				BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES								
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY												
							DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.				
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED								
ACCESS ROAD TRANSVERSAL SECTIONS KM 445.19~476.6M							APPROVED FOR CONSTRUCTION				BY:	DATE:			
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION		
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			30 OF 41	D03	053-073-9184	F	4	2	707548	30	D03		



NOTES

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.

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

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HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39

ELLIPSOID : WORLD GEOETIC SYSTEM 1984 (WGS84)

MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)

VERTICAL DATUM: MSL

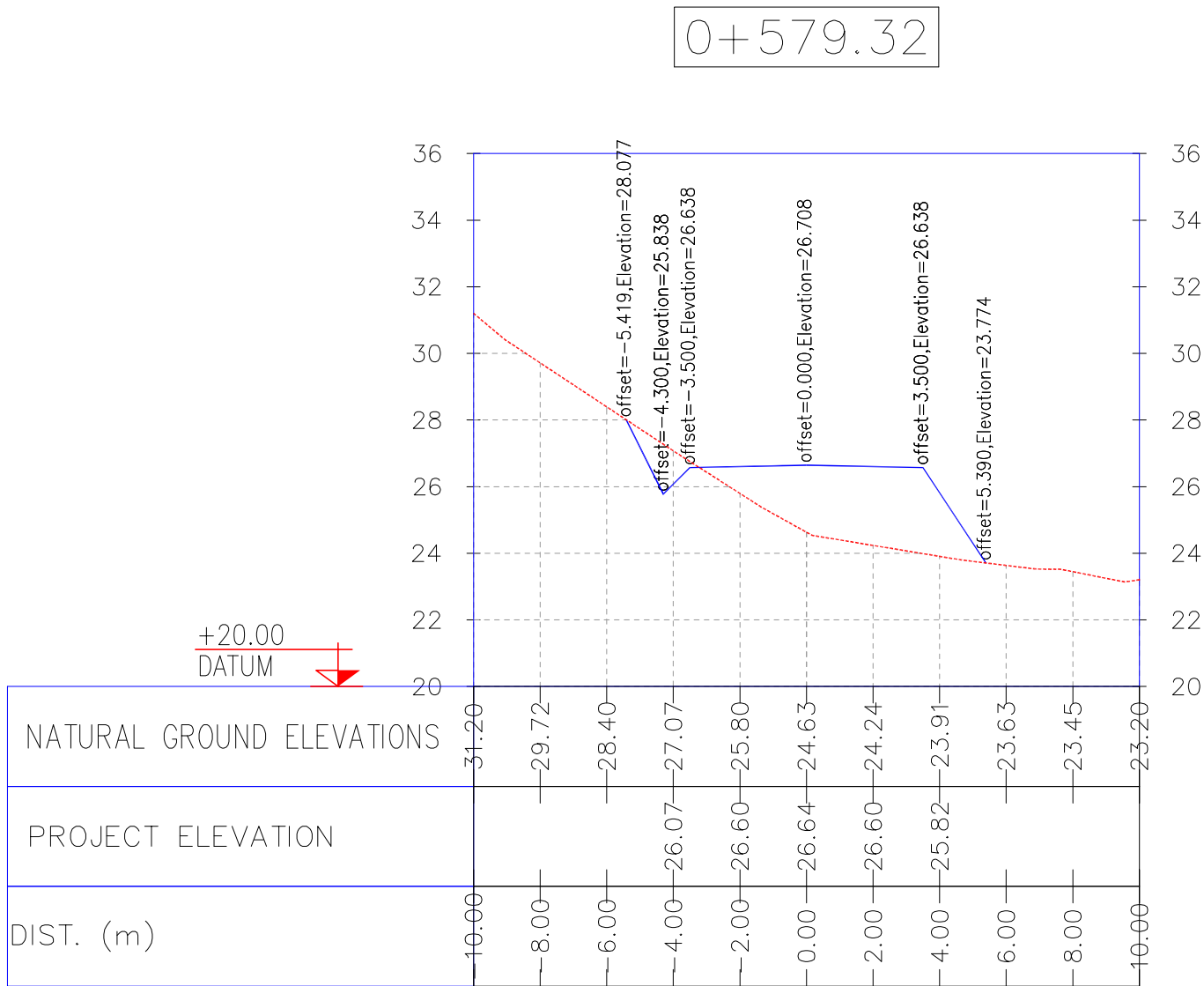
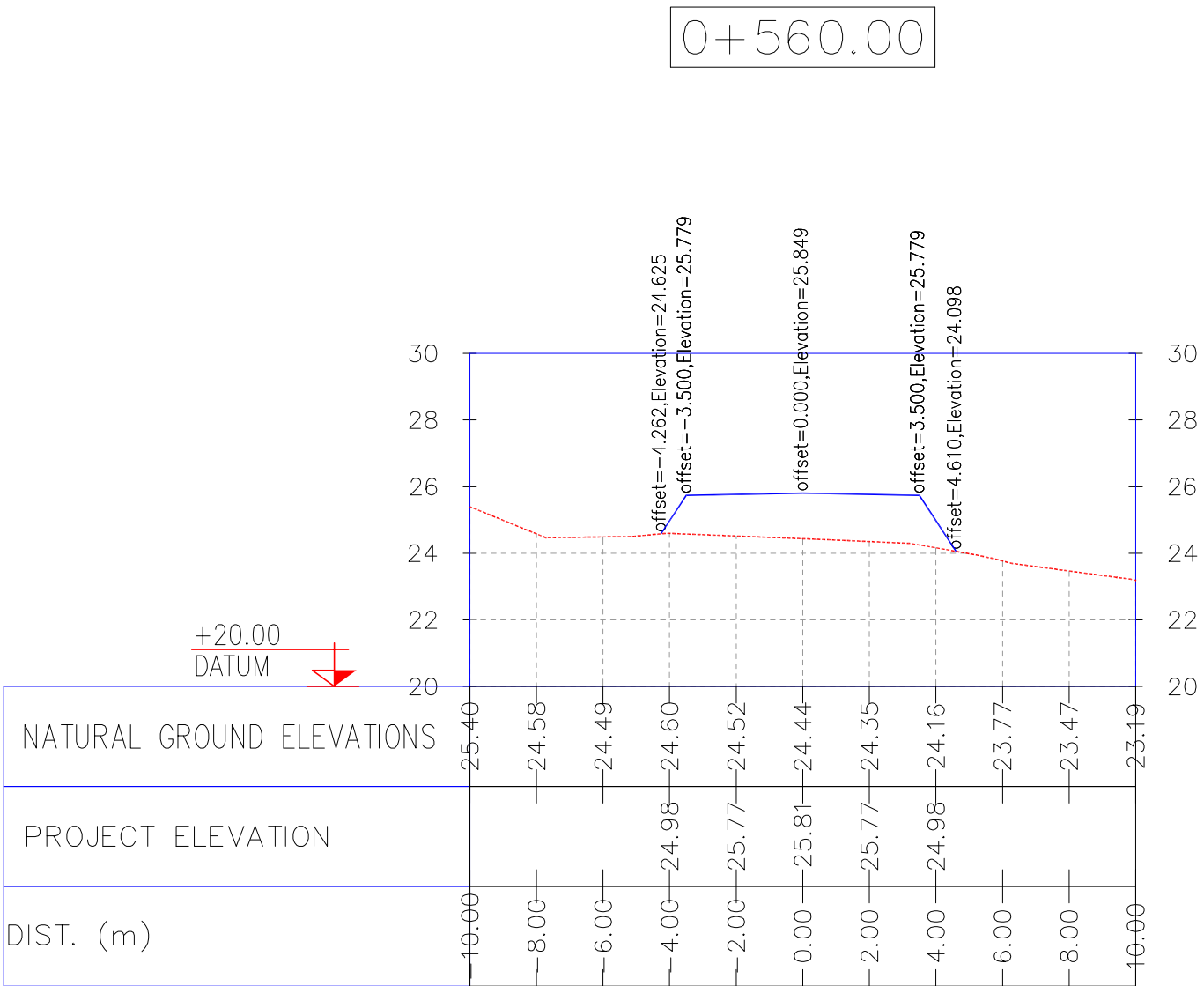
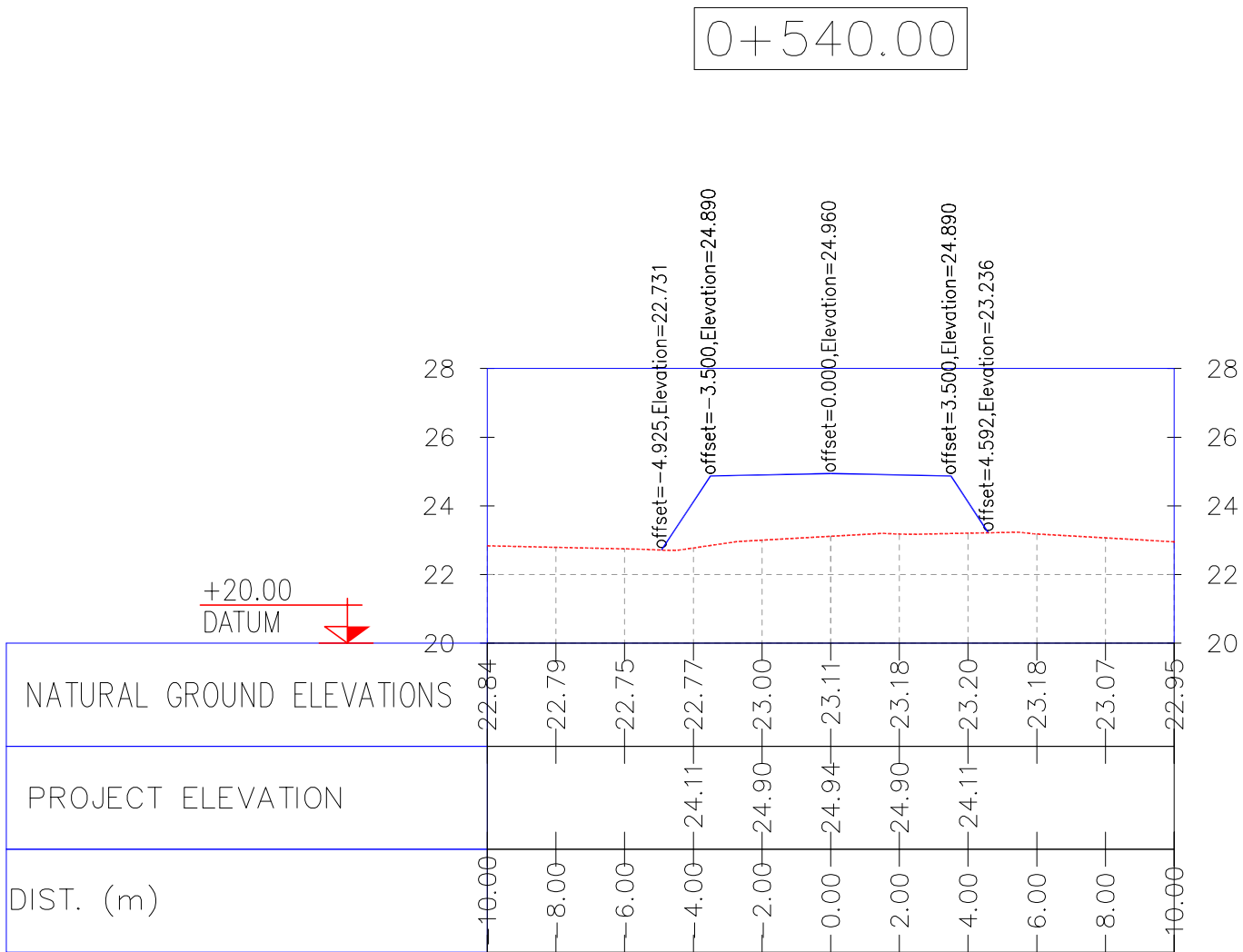
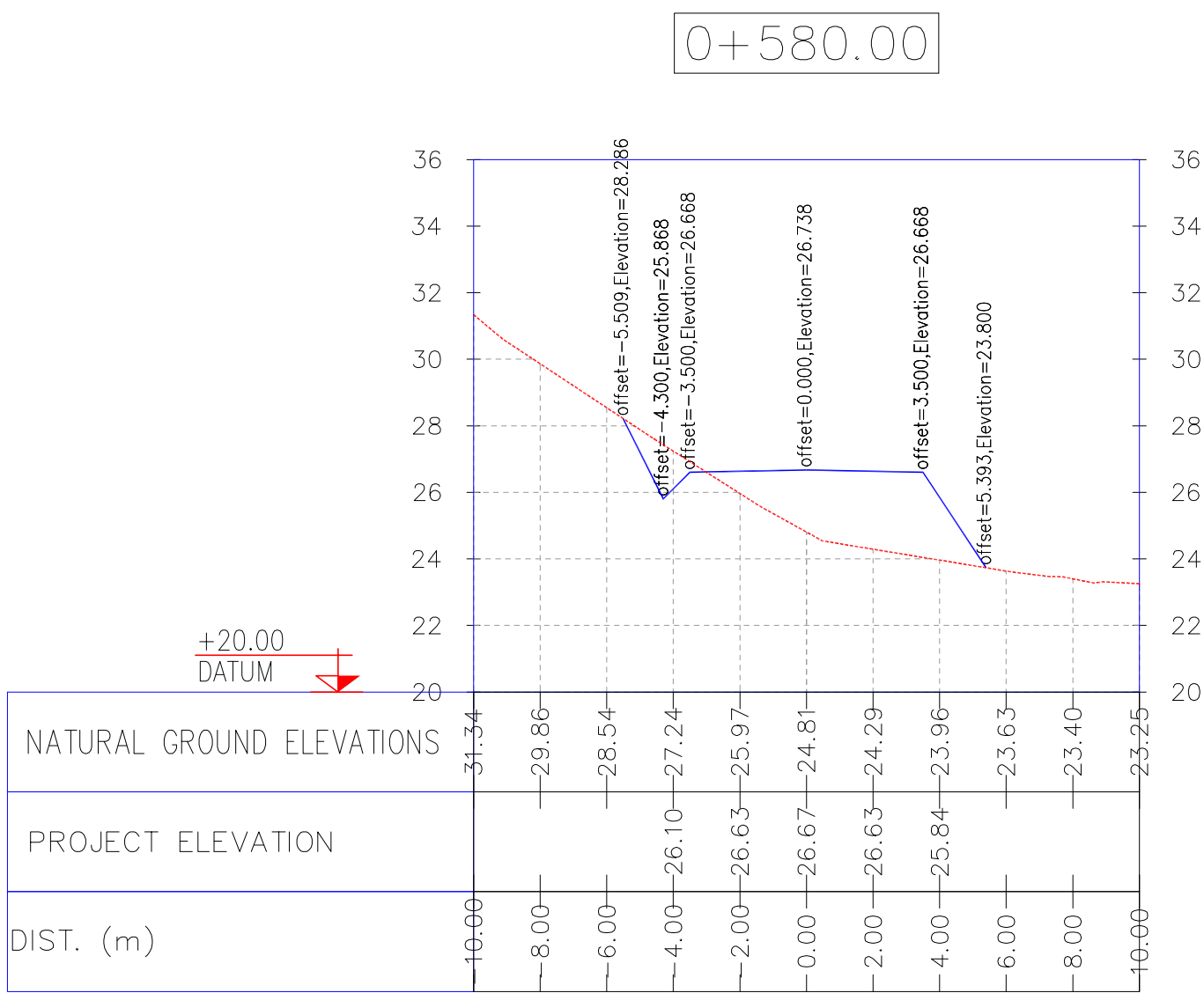
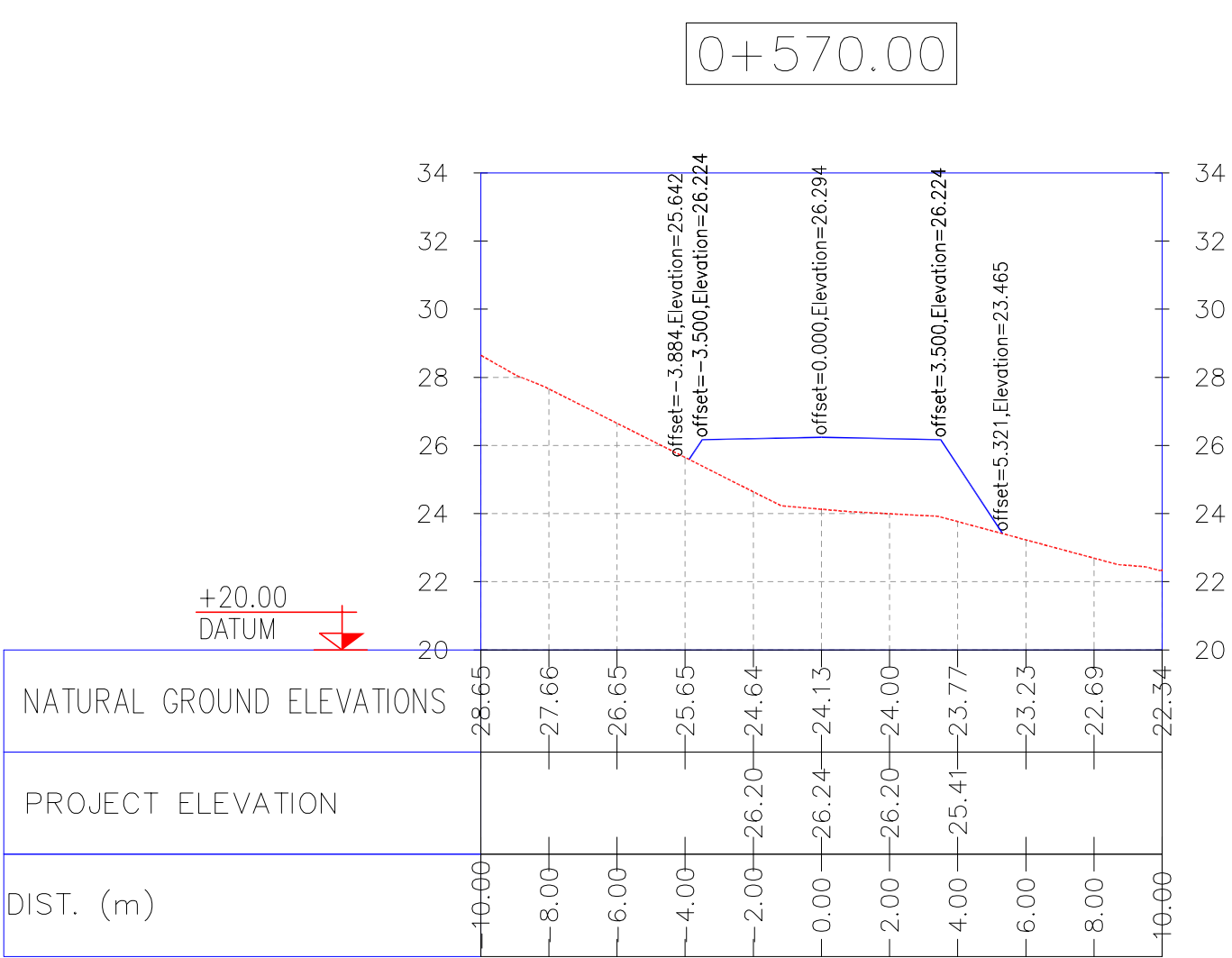
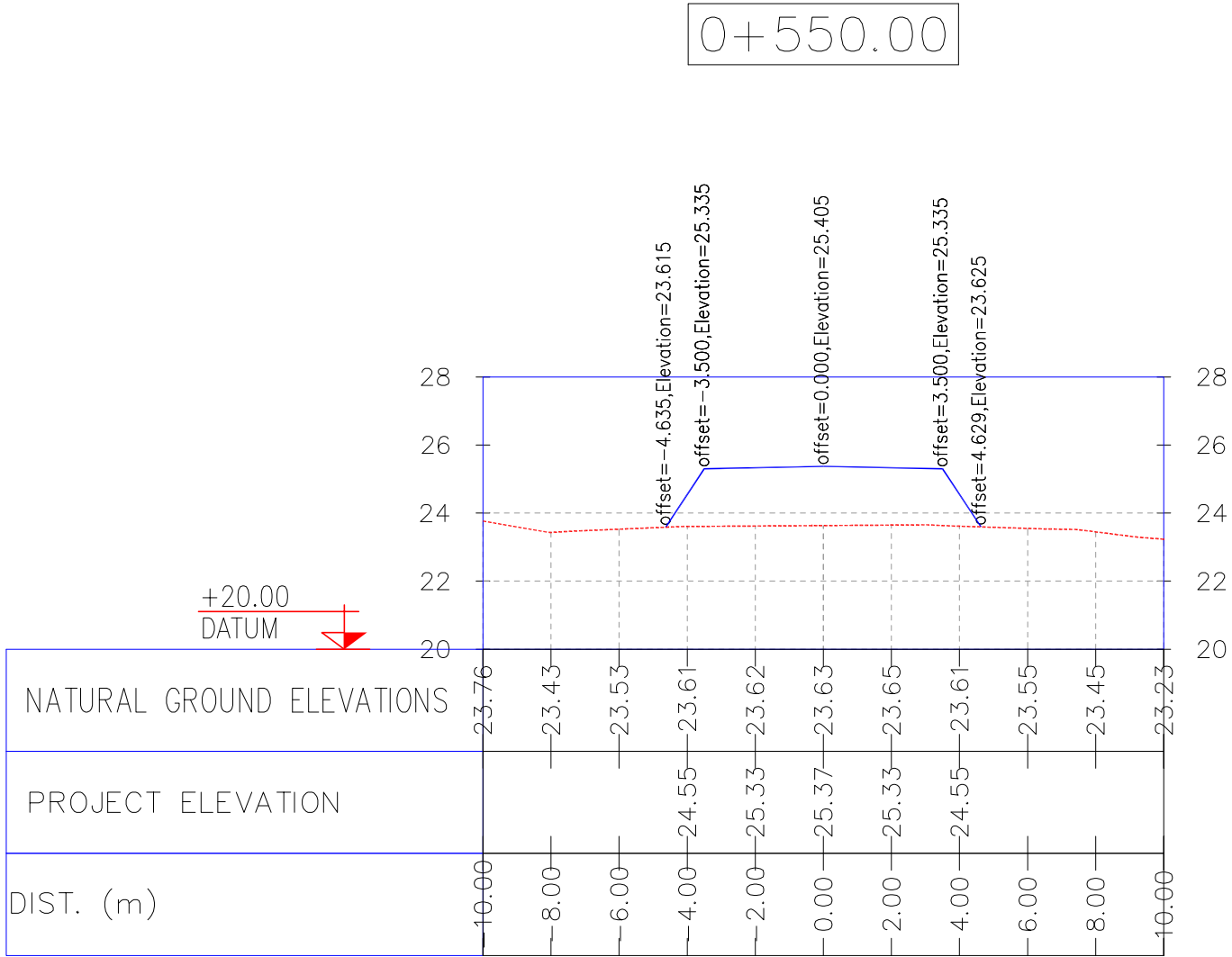
LEGEND

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

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	***	REV.	DESCRIPTION	BY	DATE	BY	DATE
D00	OCT.2021	IFC	R. BERLOUEI	M.PAKHARIAN	SH.GHALUKAR	***					CHECKED	
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.					
PROJECT NAME:								THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS				
PROJECT NO.:								971020				
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):				BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES					
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY									
							DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.	
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED					
CIVIL AND STRUCTURAL DRAWINGS-W028S ACCESS ROAD TRANSVERSAL SECTIONS KM 490~530M							APPROVED FOR CONSTRUCTION BY: DATE:					
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET REVISION
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			31 OF 41	D03	053-073-9184	F	4	2	707548	31 D03



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

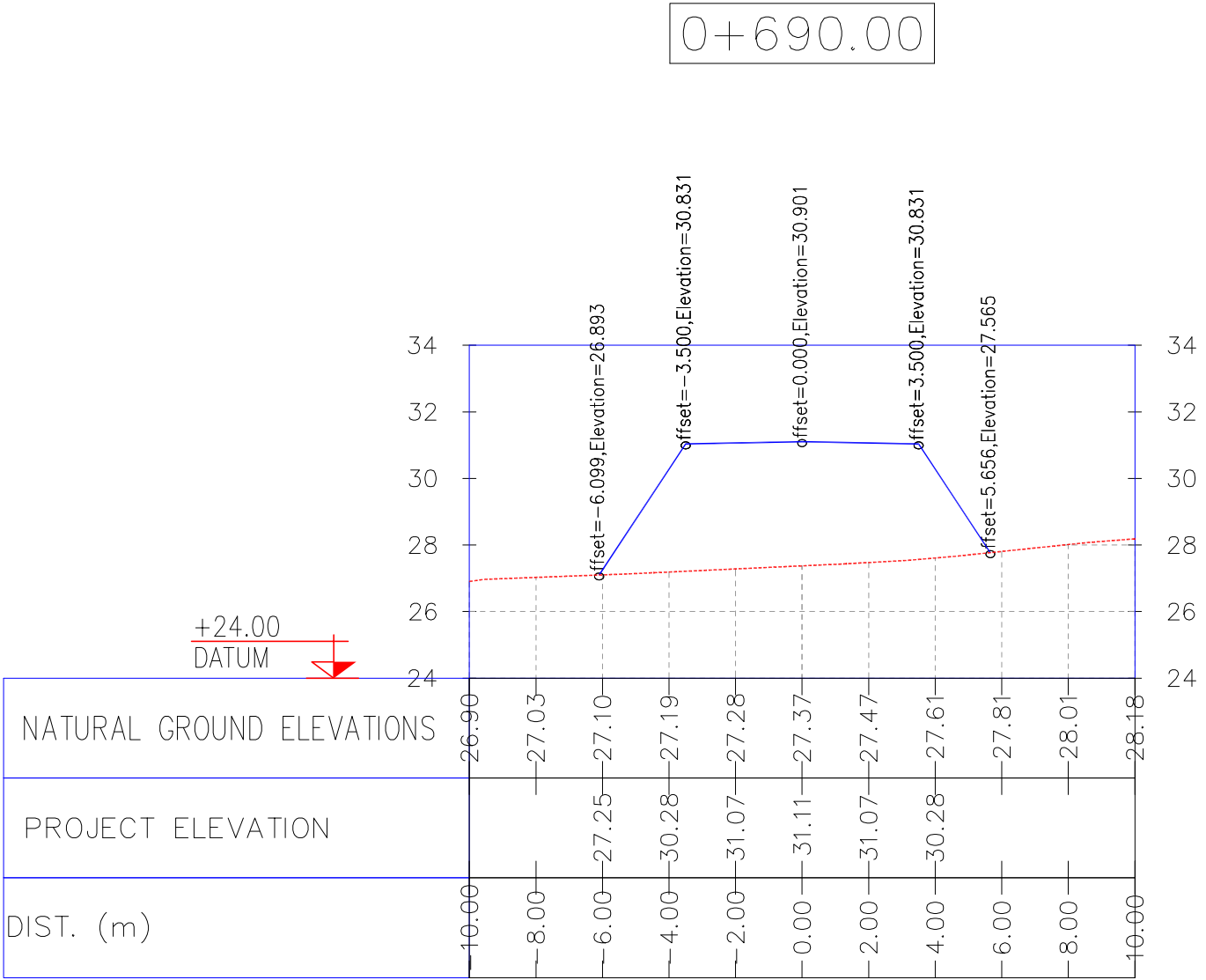
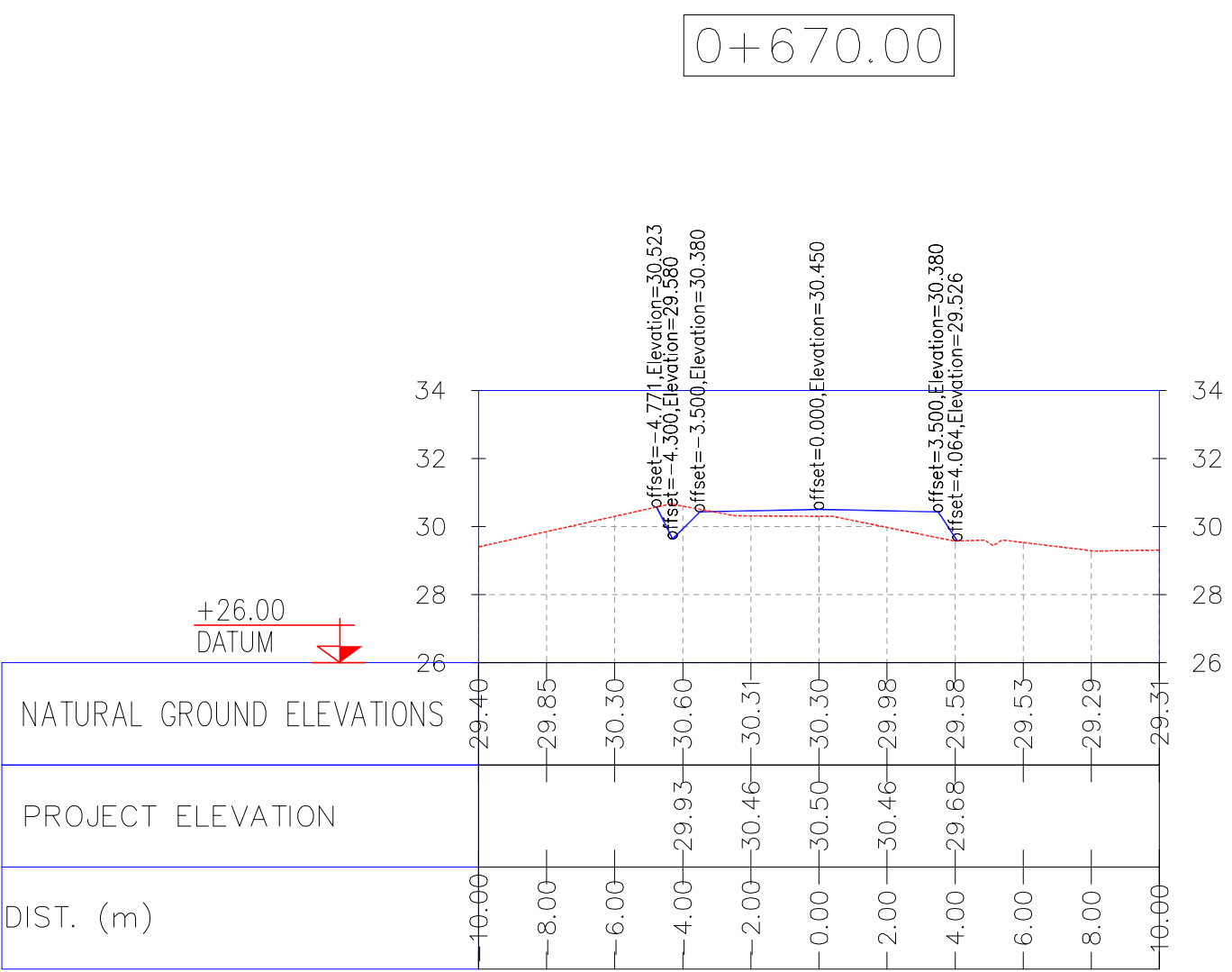
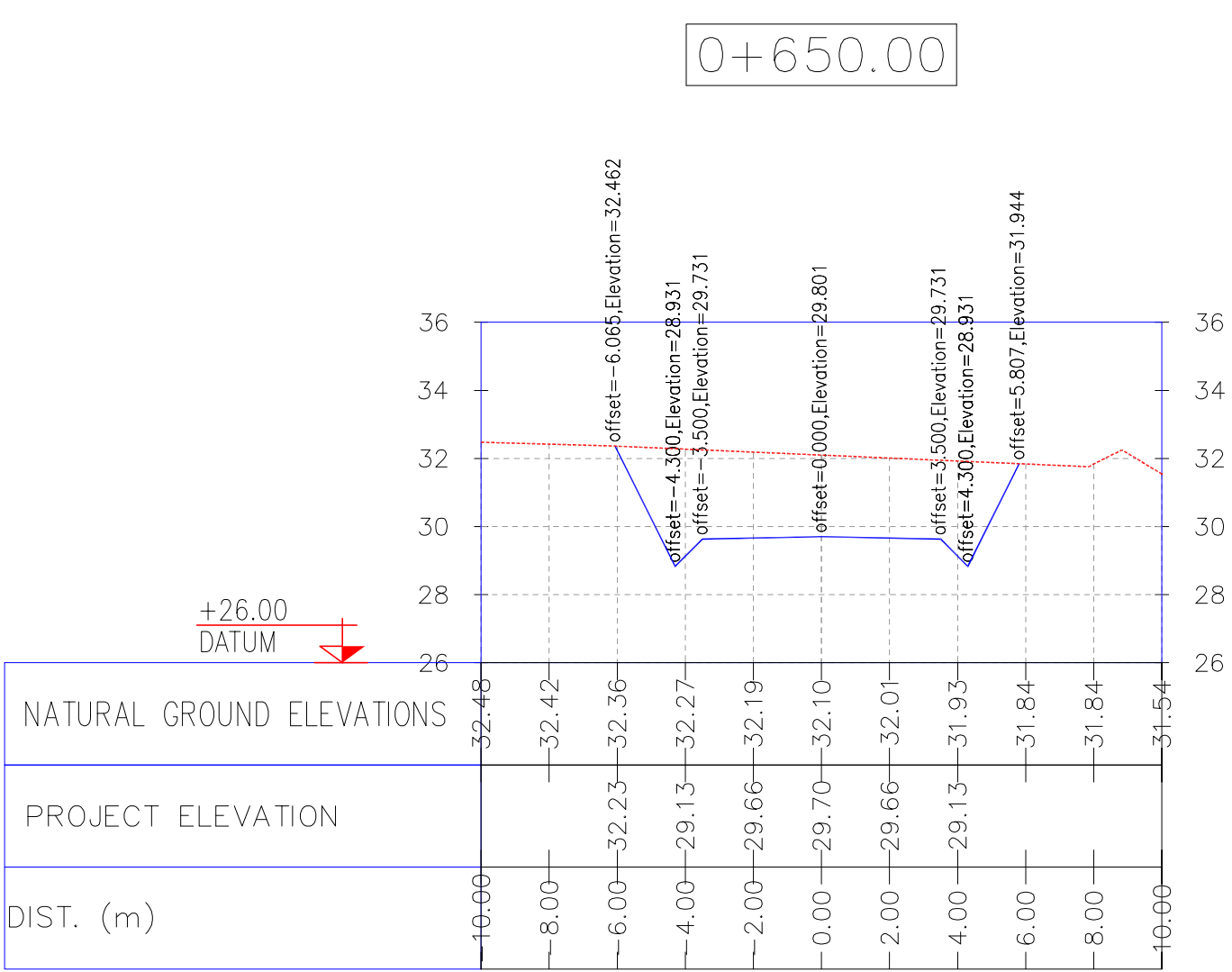
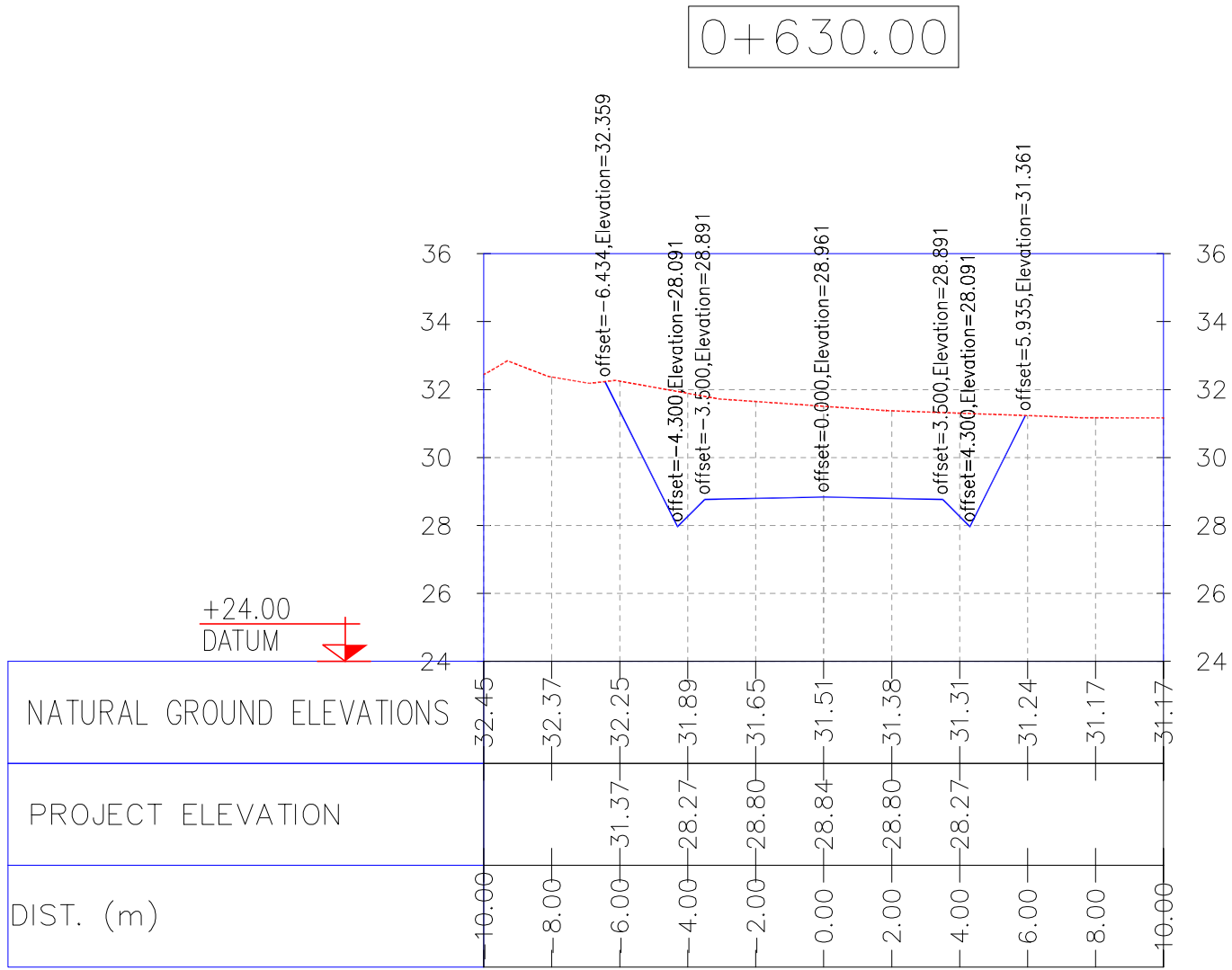
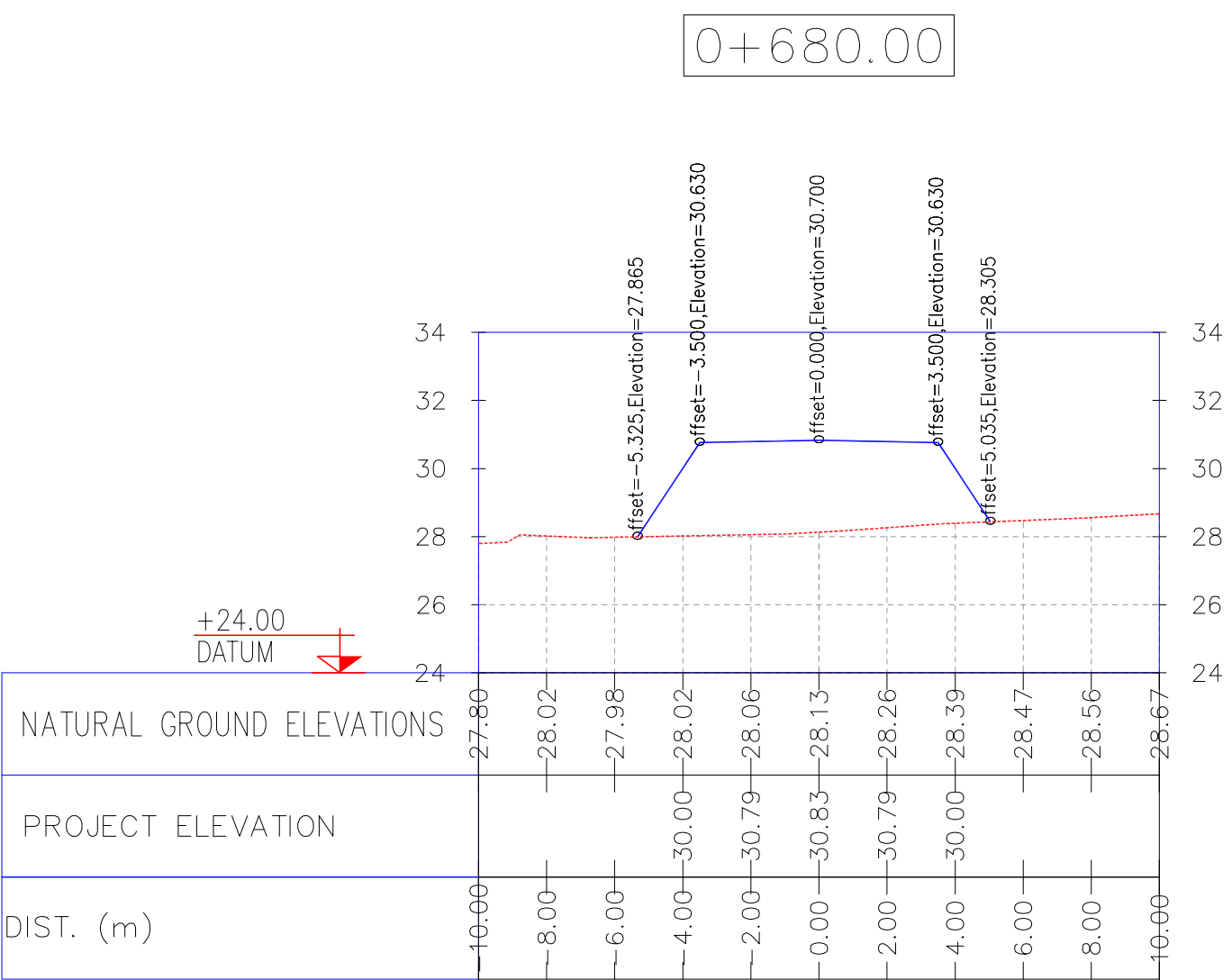
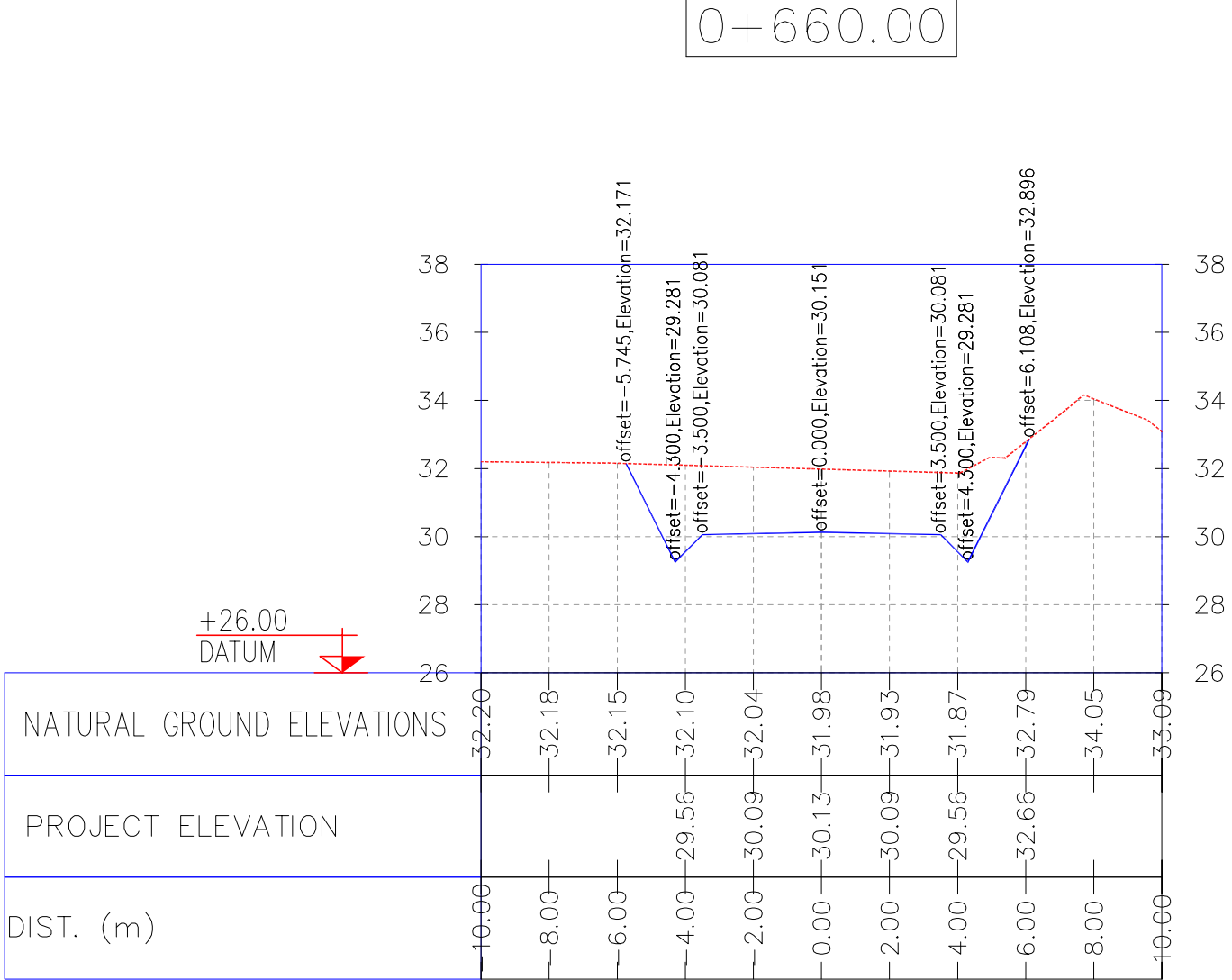
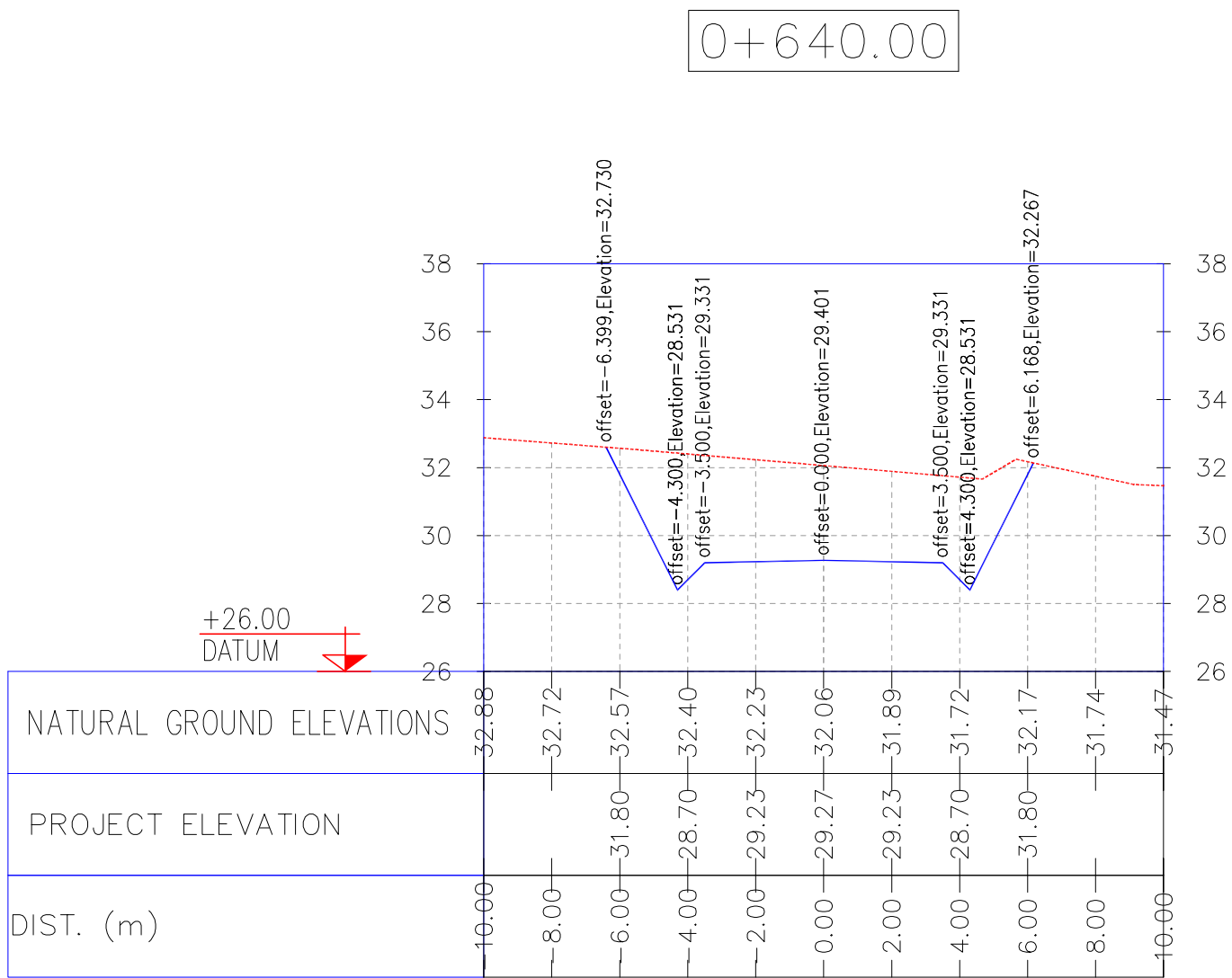
LEGEND

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

D03	MAY.2022	IPA	R. BERLOURI	M.PAKHARIAN	M.MEHRSHAD	***							
D02	MAR.2022	IPA	R. BERLOURI	M.PAKHARIAN	M.MEHRSHAD	***	***	*****	***	*****	***	*****	
D01	NOV.2021	IPA	R. BERLOURI	M.PAKHARIAN	M.MEHRSHAD	***	REV.	DESCRIPTION	BY	DATE	BY	DATE	
D00	OCT.2021	IPC	R. BERLOURI	M.PAKHARIAN	SH.GHALIKAR	***			CHECKED		REV. APPR.		
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کليه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.						
PROJECT NAME:								THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS					
PROJECT NO.:								971020					
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):				BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES						
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY				DATE SCALE DRAWING BY CHECKED BY PROJECT ENG.						
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
ACCESS ROAD TRANSVERSAL SECTIONS KM 550~580M							APPROVED FOR CONSTRUCTION			BY:		DATE:	
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			32 OF 41	D03	053-073-9184	F	4	2	707548	32	D03



NOTES

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2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
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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-GNRAI-PEDCO-000-CV-DW-0014
Specification For Earth Work	BK-GNRAI-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRAI-PEDCO-000-CV-DW-0002

KEY PLAN

D03

REV.

DESCRIPTION

CHECKED

REV. APPR.

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

PROJECT NAME:

PROJECT NO.:

EPC CONTRACTOR:

EPD/EPC CONTRACTOR(GC):

DRAWING TITLE:

SCALE

SIZE

LOCATION

SIZE

CLASS

SHEET NO.

REV.

BUDGET REF.

AS SHOWN

DATE

SCALE

DRAWING BY

CHECKED BY

PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION

BY:

DATE:

SHEET

REVISION

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:

SHEET

REVISION

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 ACCESS ROAD TRANSVERSAL SECTIONS KM 640~690M						
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			34 OF 41	D03



Station	Fill Area	Cut Area	Fill Volume	Cut Volume	Cumulative Fill Vol	Cumulative Cut Vol
0+000.000	0.22	1.11	0.00	0.00	0.00	0.00
0+010.000	0.52	0.81	3.68	9.62	3.68	9.62
0+020.000	1.62	0.55	10.67	6.81	14.35	16.43
0+030.000	1.14	0.68	13.80	6.16	28.15	22.59
0+040.000	0.92	0.56	10.33	6.19	38.48	28.78
0+050.000	0.80	0.65	8.63	6.02	47.10	34.80
0+060.000	1.17	0.52	9.84	5.83	56.94	40.63
0+070.000	0.73	0.59	9.45	5.54	66.40	46.17
0+080.000	0.20	0.80	4.65	6.95	71.05	53.13
0+090.000	0.00	2.32	1.02	15.61	72.07	68.74
0+100.000	0.00	2.46	0.00	23.92	72.07	92.66
0+110.000	0.17	2.22	0.84	23.42	72.91	116.08
0+120.000	0.08	3.00	1.22	26.11	74.13	142.19
0+130.000	0.00	3.80	0.38	34.03	74.51	176.22
0+140.000	0.00	3.31	0.00	35.58	74.51	211.81
0+145.967	0.00	2.77	0.00	18.15	74.51	229.95
0+150.000	0.00	3.08	0.00	11.66	74.51	241.61
0+152.980	0.00	2.94	0.00	8.84	74.51	250.45
0+159.993	0.00	3.12	0.00	20.85	74.51	271.30
0+160.000	0.00	3.13	0.00	0.02	74.51	271.32

Station	Fill Area	Cut Area	Fill Volume	Cut Volume	Cumulative Fill Vol	Cumulative Cut Vol
0+170.000	0.00	4.69	0.00	39.09	74.51	310.41
0+180.000	0.00	6.22	0.00	54.57	74.51	364.98
0+190.000	13.92	0.00	69.61	31.11	144.12	396.09
0+197.457	17.27	0.00	116.30	0.00	260.42	396.09
0+200.000	9.15	0.00	32.95	0.00	293.37	396.09
0+210.000	1.06	0.69	49.83	3.76	343.20	399.84
0+220.000	0.70	1.33	8.50	10.89	351.70	410.73
0+221.113	0.54	1.50	0.66	1.69	352.36	412.43
0+230.000	0.16	2.18	2.94	17.45	355.30	429.88
0+240.000	0.41	1.44	2.70	19.29	357.99	449.17
0+244.769	0.61	0.81	2.36	5.76	360.36	454.93
0+250.000	1.83	0.00	6.39	2.11	366.74	457.04
0+260.000	7.53	0.00	46.80	0.00	413.54	457.04
0+269.911	8.71	0.00	80.48	0.00	494.03	457.04
0+270.000	8.71	0.00	0.77	0.00	494.80	457.04
0+280.000	6.89	0.00	79.06	0.00	573.86	457.04
0+290.000	1.44	1.66	42.87	7.95	616.73	464.99
0+300.000	0.00	1.84	7.62	17.03	624.35	482.02
0+310.000	3.18	0.00	16.17	9.07	640.52	491.10
0+310.026	3.19	0.00	0.08	0.00	640.60	491.10

Station	Fill Area	Cut Area	Fill Volume	Cut Volume	Cumulative Fill Vol	Cumulative Cut Vol
0+320.000	2.31	0.00	27.58	0.00	668.18	491.10
0+330.000	2.12	0.67	21.58	3.62	669.76	494.72
0+340.000	20.98	0.00	116.83	3.62	806.59	498.34
0+350.000	16.29	0.00	187.50	0.00	994.09	498.34
0+350.140	15.87	0.00	2.25	0.00	996.34	498.34
0+360.000	2.24	7.01	89.24	34.55	1085.59	532.90
0+370.000	1.47	1.30	18.52	41.56	1104.10	574.46
0+380.000	0.09	3.63	7.77	24.65	1111.87	599.11
0+390.000	0.00	10.00	0.43	68.11	1112.31	667.22
0+400.000	0.00	14.87	0.00	124.34	1112.31	791.56
0+410.000	0.00	20.52	0.00	176.94	1112.31	968.50
0+413.789	0.00	24.15	0.00	84.60	1112.31	1053.10
0+420.000	0.00	29.88	0.00	168.38	1112.31	1221.48
0+430.000	0.00	40.89	0.00	354.75	1112.31	1576.23
0+440.000	0.00	63.25	0.00	518.21	1112.31	2094.43
0+445.194	0.00	66.19	0.00	333.65	1112.31	2428.08
0+450.000	0.00	58.97	0.00	289.14	1112.31	2727.22
0+460.000	0.00	48.10	0.00	532.89	1112.31	3260.11
0+470.000	0.00	41.40	0.00	443.97	1112.31	3704.08
0+476.600	0.00	20.07	0.00	200.88	1112.31	3904.97

Station	Fill Area	Cut Area	Fill Volume	Cut Volume	Cumulative Fill Vol	Cumulative Cut Vol
0+480.000	0.00	22.76	0.00	72.80	1112.31	3977.76
0+490.000	0.29	3.45	1.47	131.03	1113.78	4108.79
0+500.000	7.15	0.00	37.23	17.23	1151.00	4126.02
0+510.000	10.30	0.00	87.26	0.00	1238.26	4126.02
0+520.000	14.93	0.00	126.14	0.00	1364.40	4126.02
0+530.000	15.35	0.00	151.40	0.00	1515.80	4126.02
0+540.000	15.10	0.00	152.28	0.00	1668.08	4126.02
0+550.000	13.84	0.00	144.72	0.00	1812.80	4126.02
0+560.000	10.63	0.00	122.35	0.00	1935.15	4126.02
0+570.000	15.51	0.00	130.70	0.00	2065.85	4126.02
0+579.319	13.96	1.53	137.36	7.15	2203.21	4133.17
0+580.000	13.35	1.83	9.29	1.15	2212.50	4134.32
0+590.000	1.55	15.51	75.05	85.41	2287.55	4219.73
0+595.350	0.00	24.55	4.21	105.99	2291.75	4325.71
0+600.000	0.00	23.95	0.00	111.86	2291.75	4437.57
0+610.000	0.00	34.22	0.00	289.60	2291.75	4727.17
0+611.380	0.00	32.92	0.00	46.32	2291.75	4773.50
0+620.000	0.00	32.29	0.00	281.04	2291.75	5054.54
0+630.000	0.00	31.21	0.00	317.49	2291.75	5372.03
0+640.000	0.00	32.38	0.00	317.95	2291.75	5689.98

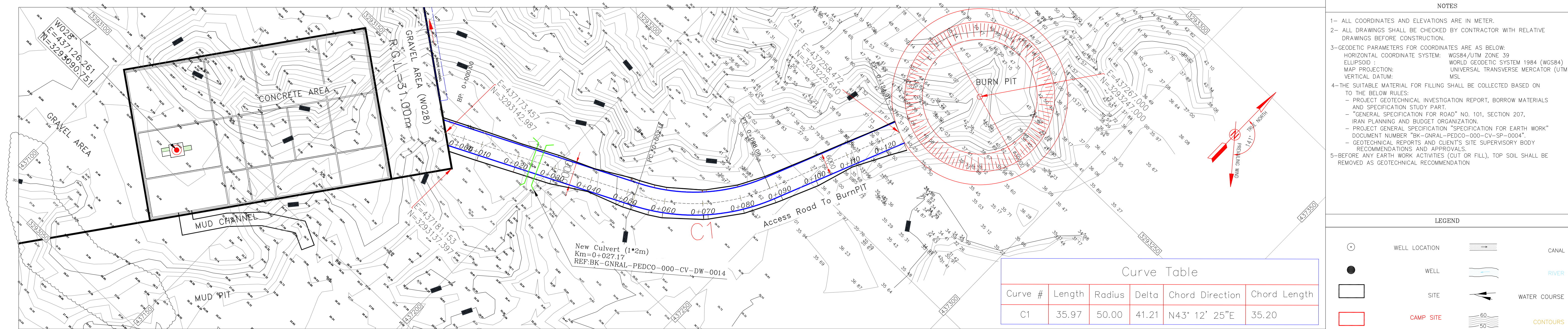
Station	Fill Area	Cut Area	Fill Volume	Cut Volume	Cumulative Fill Vol	Cumulative Cut Vol
0+650.000	0.00	26.97	0.00	296.77	2291.75	5986.75
0+660.000	0.00	21.39	0.00	241.80	2291.75	6228.55
0+670.000	2.24	0.70	10.83	110.71	2302.59	6339.27
0+680.000	22.80	0.00	125.39	4.21	2427.98	6343.48
0+690.000	34.59	0.00	289.87	0.00	2717.85	6343.48

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LEGEND

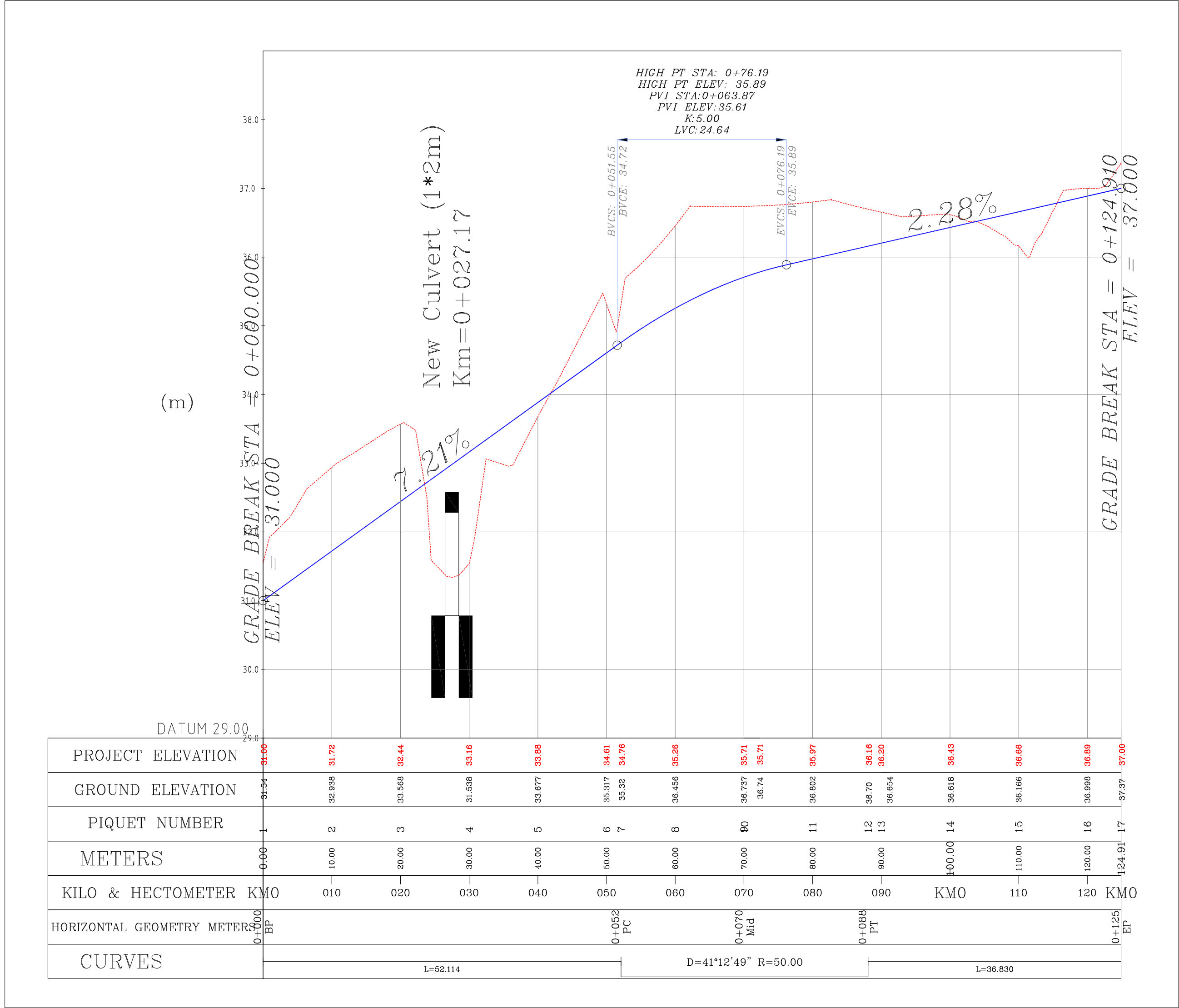
REFERENCE DRAWING	DRG. No.
General Civil Layout - W028	BK-W028-PEDCO-110-CV-PY-0001
Rough Grading Plans -W028	BK-W028-PEDCO-110-CV-DW-0001
Standard Drawing For Culvert & Details	BK-GNRL-PEDCO-000-CV-DW-0014
Specification For Earth Work	BK-GNRL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection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

KEY PLAN



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

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



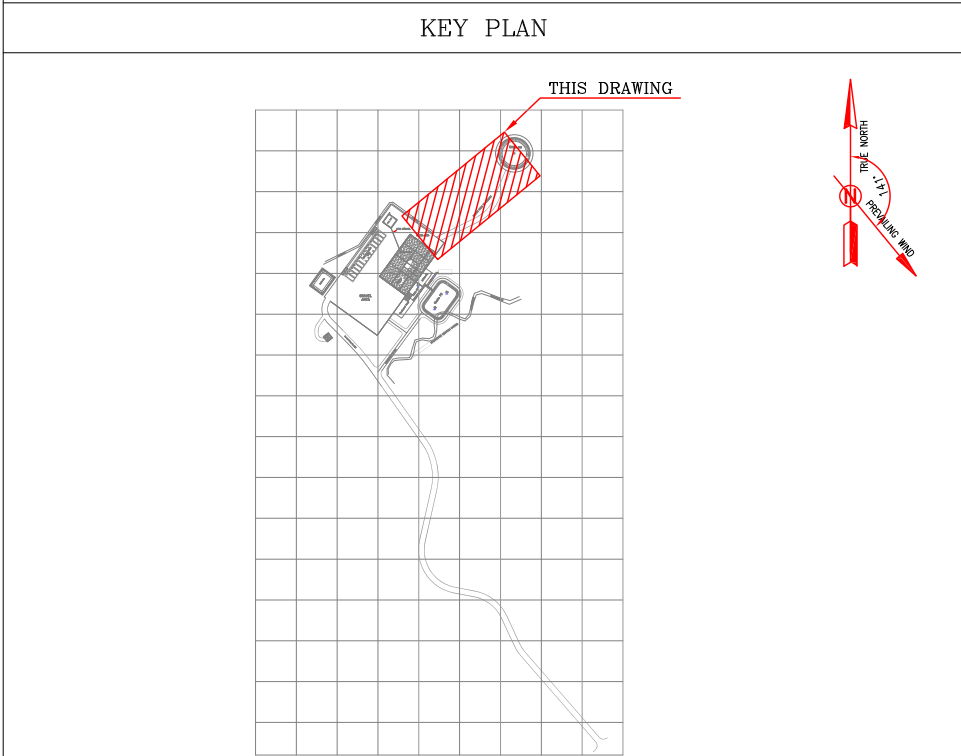
BURN PIT ROAD PROFILE

- 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-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

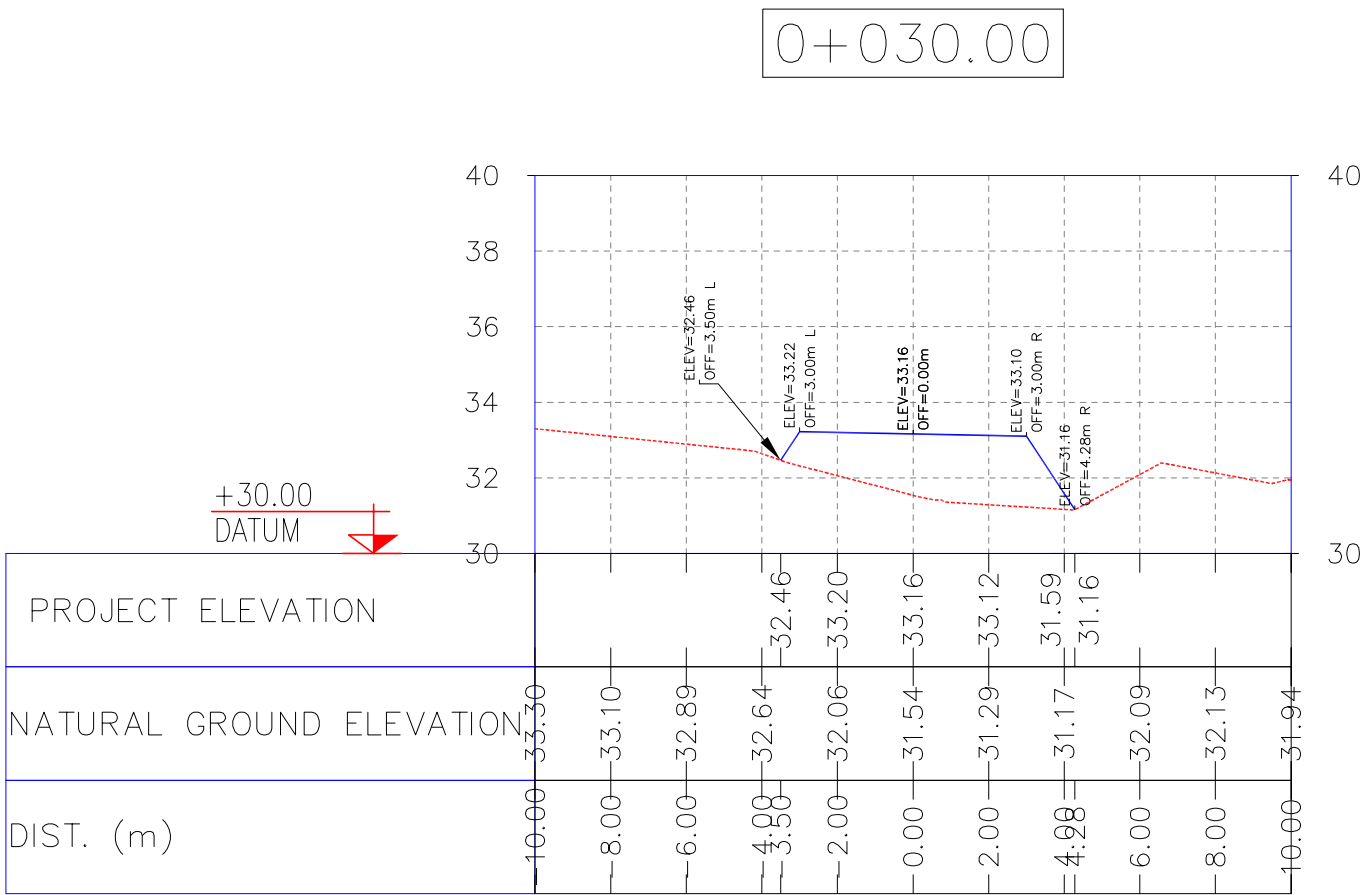
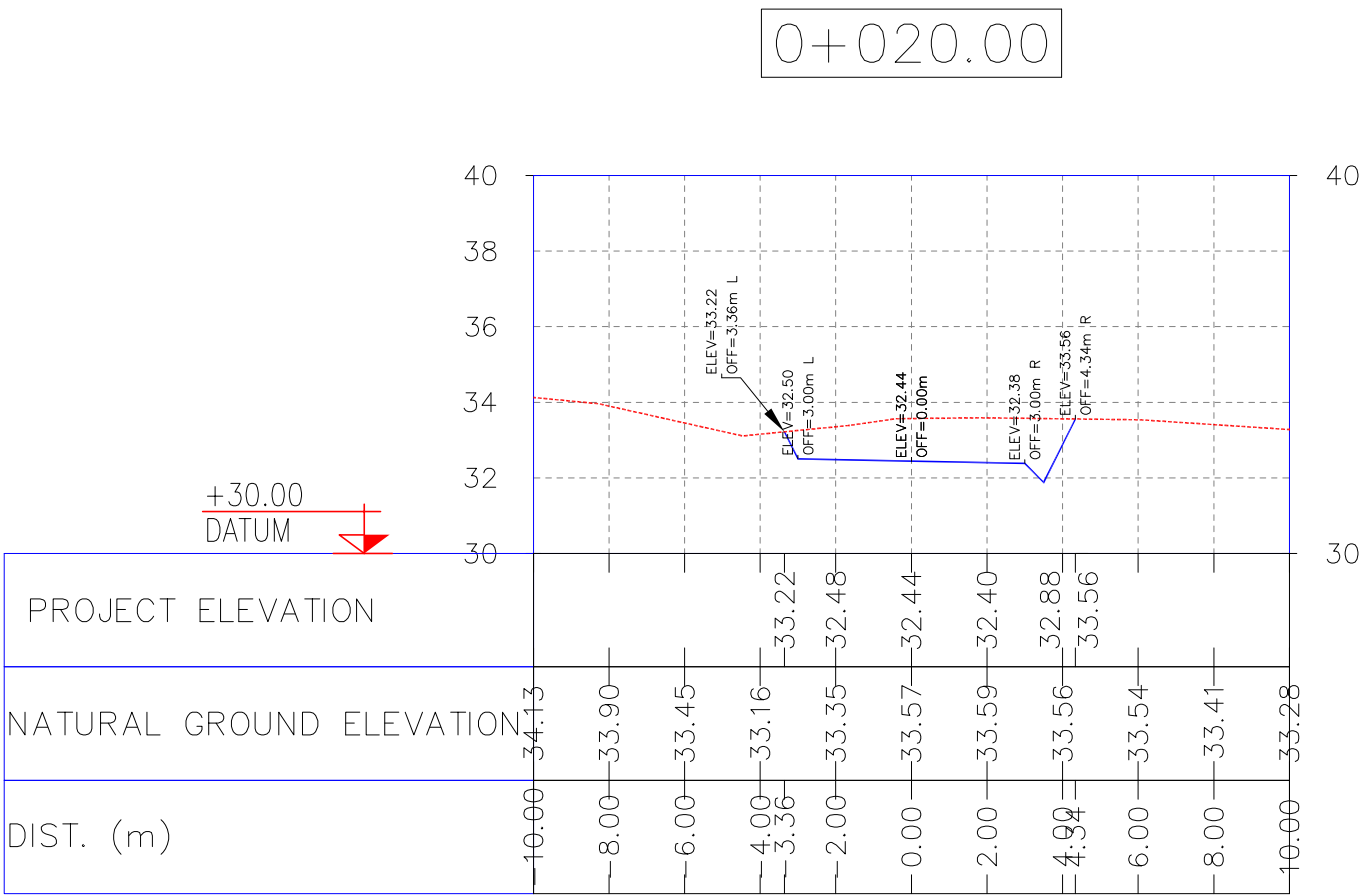
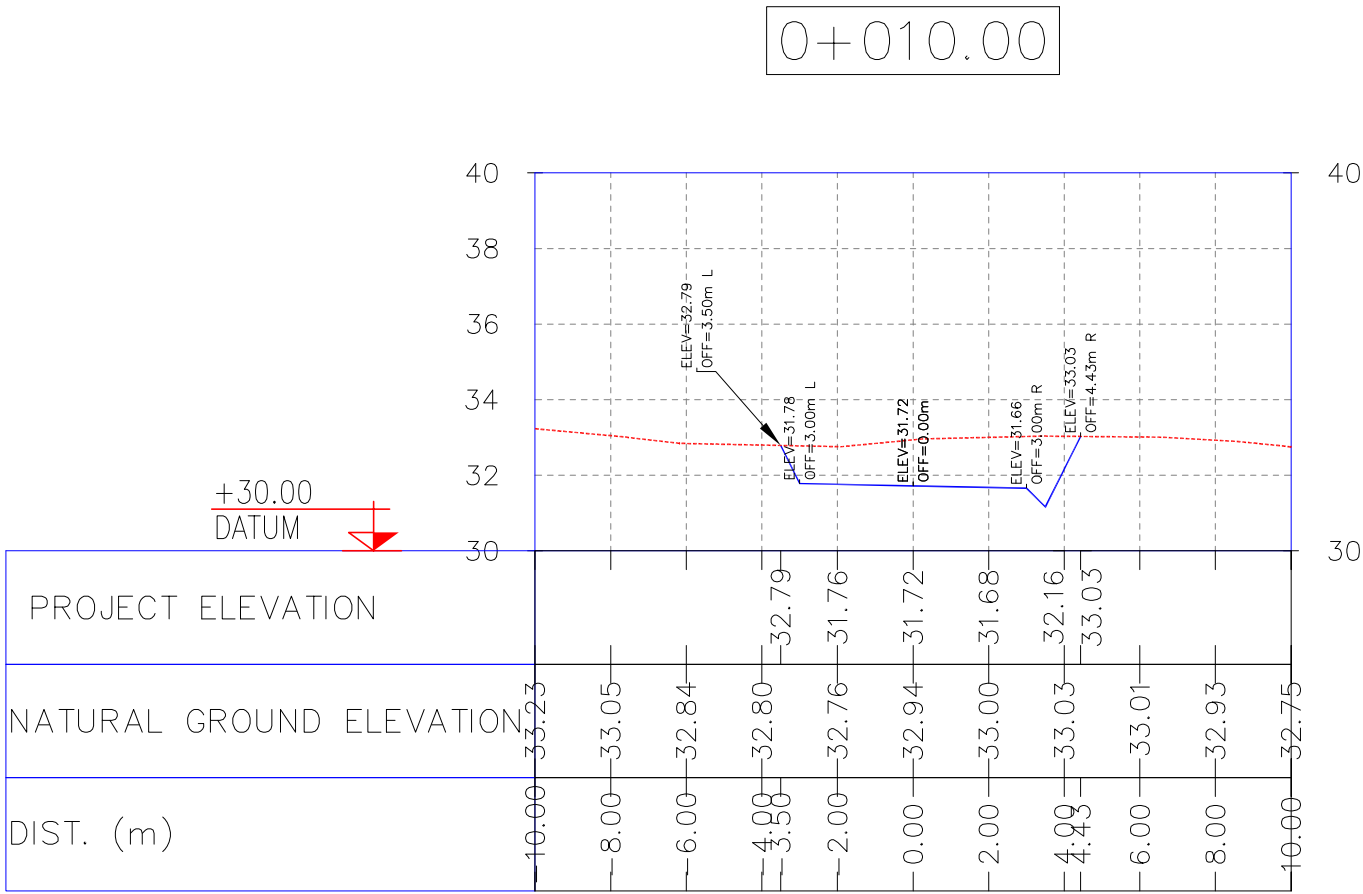
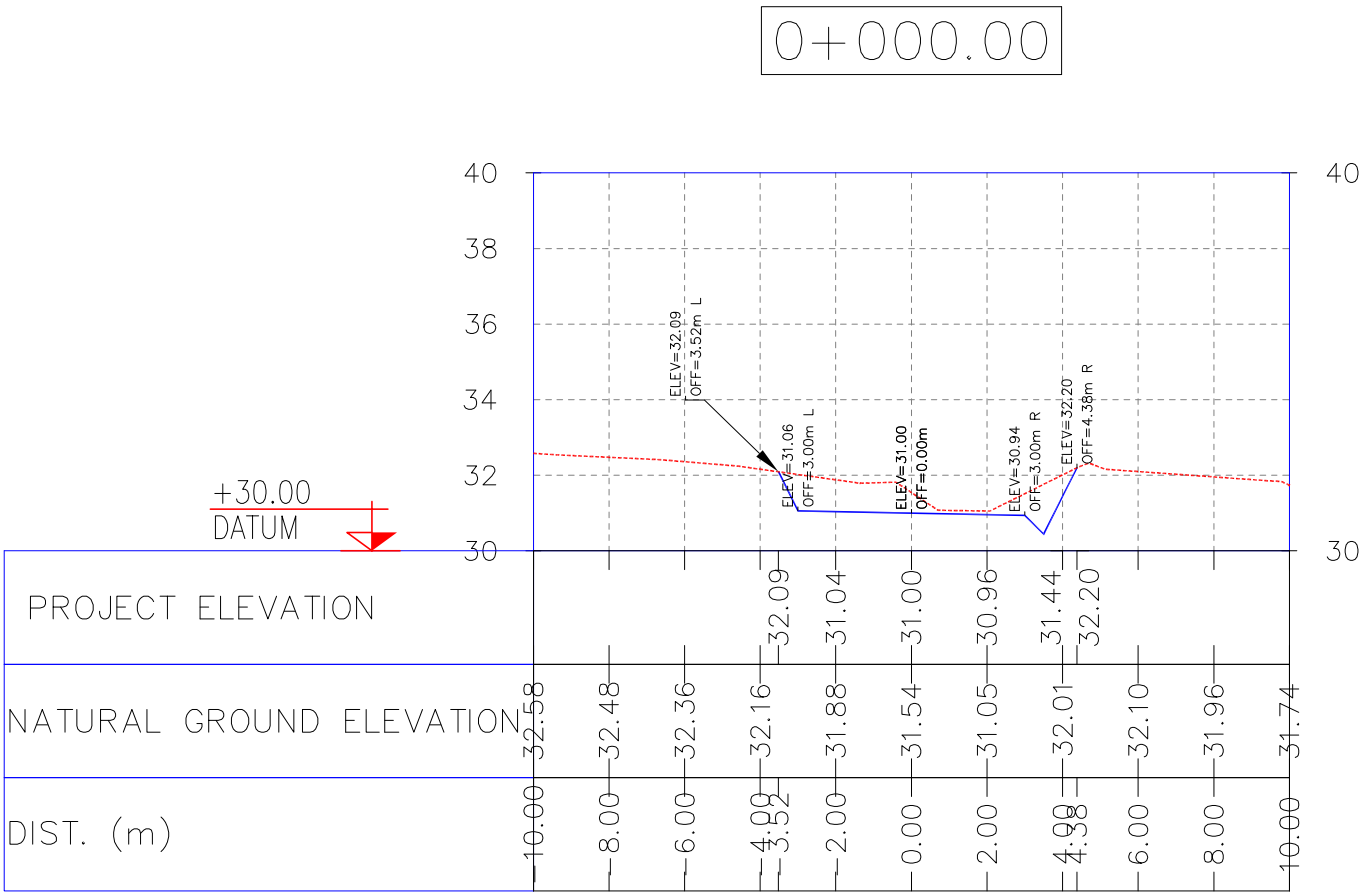
LEGEND			
	WELL LOCATION		CANAL
	WELL		RIVER
	SITE		WATER COURSE
	CAMP SITE		CONTOURS
	ASPHALT ROAD		SPOT HEIGHT
	GRAVEL ROAD		BENCH MARK
	PROPOSED ROAD		BRIDGE
	DAYLIGHT		CULVERT

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
Specification For Road & Paving	BK-GNRAL-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



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	***	REV.	DESCRIPTION	BY	DATE	BY	DATE
D00	OCT.2021	IFC	R. BERLOUEI	M.PAKHARIAN	SH.GHALKAR	***			CHECKED		REV. APPR.	
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کلیه نسخ این نقشه و حق آفایشی متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.					
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES								THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C. / FIELDS				
PROJECT NO.: 971020												
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):				BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES					
												
HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			PEDCO COMPANY				DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.	
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W028S BURN PIT ROAD PLAN AND PROFILE SECTION							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
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			36 OF 41	D03	053-073-9184	F	4 2	707548	36	D03



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

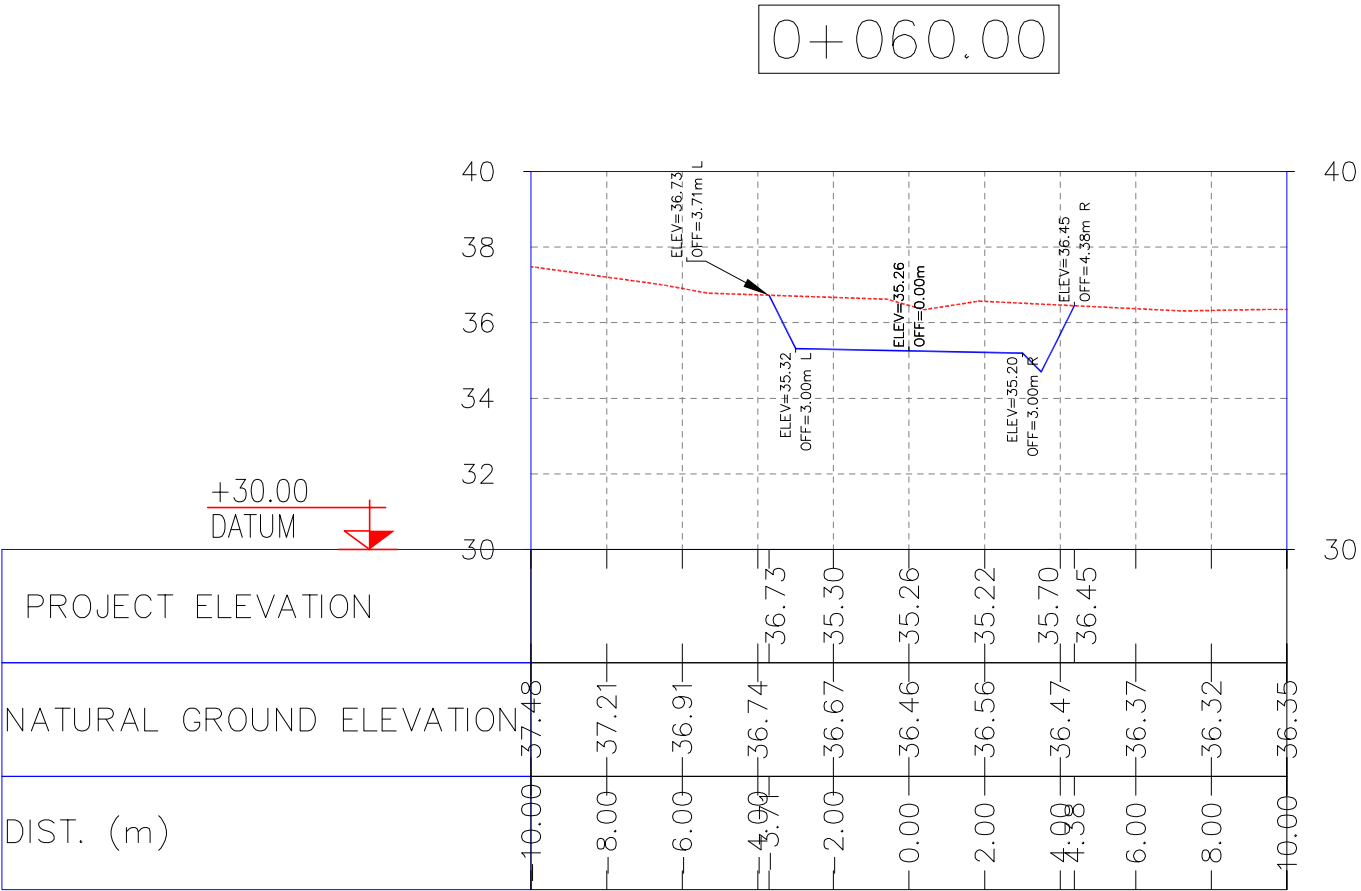
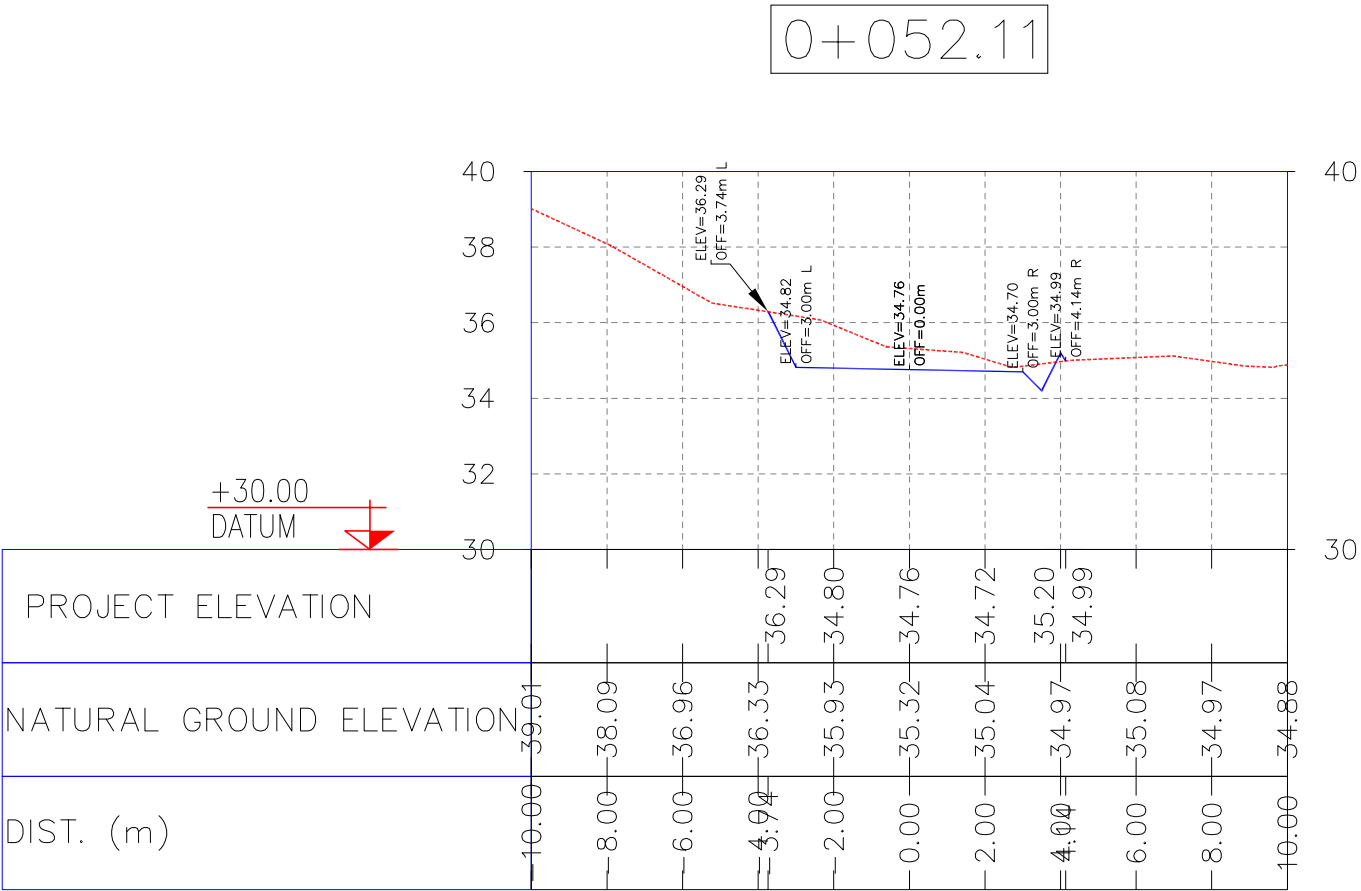
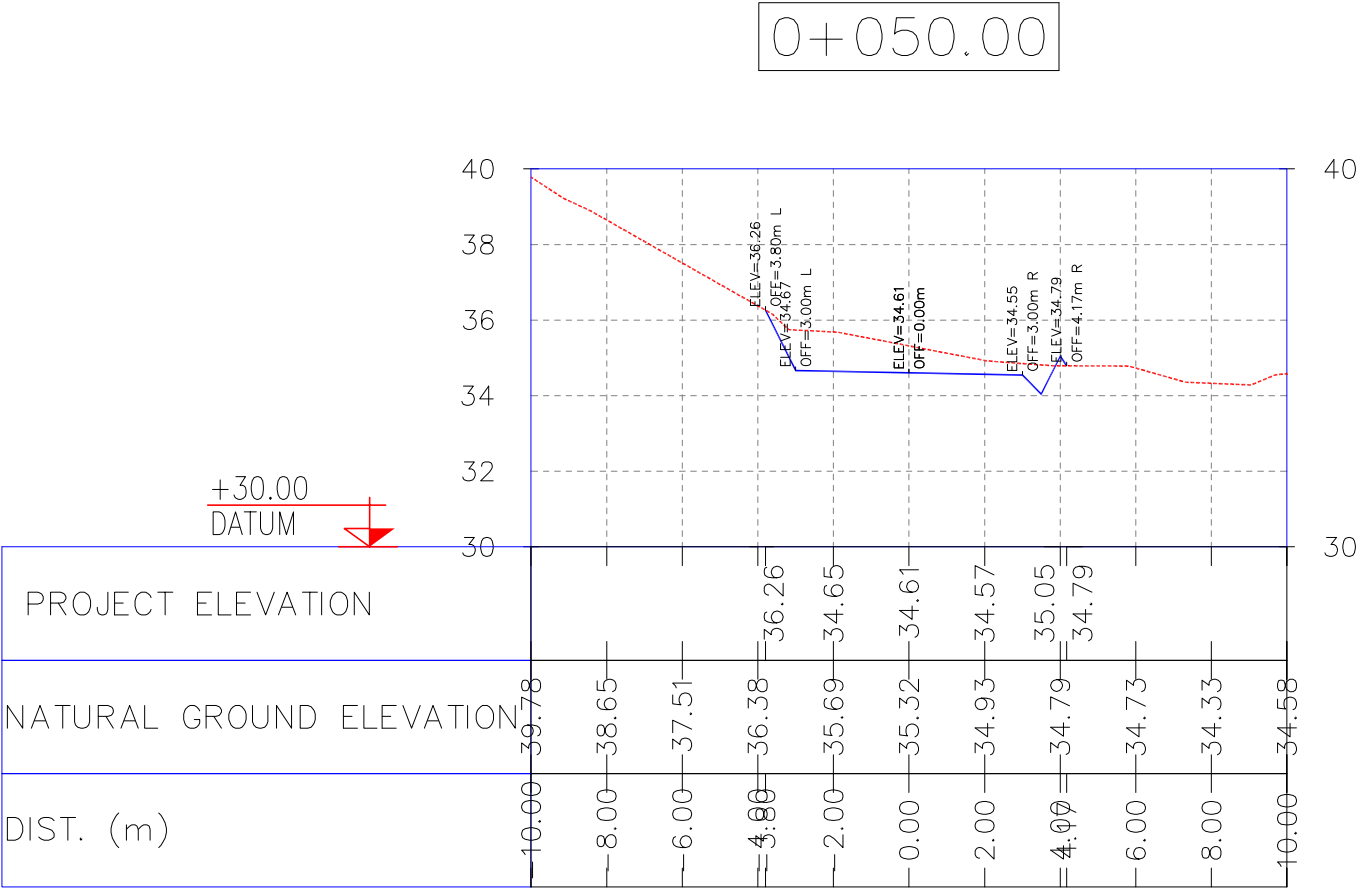
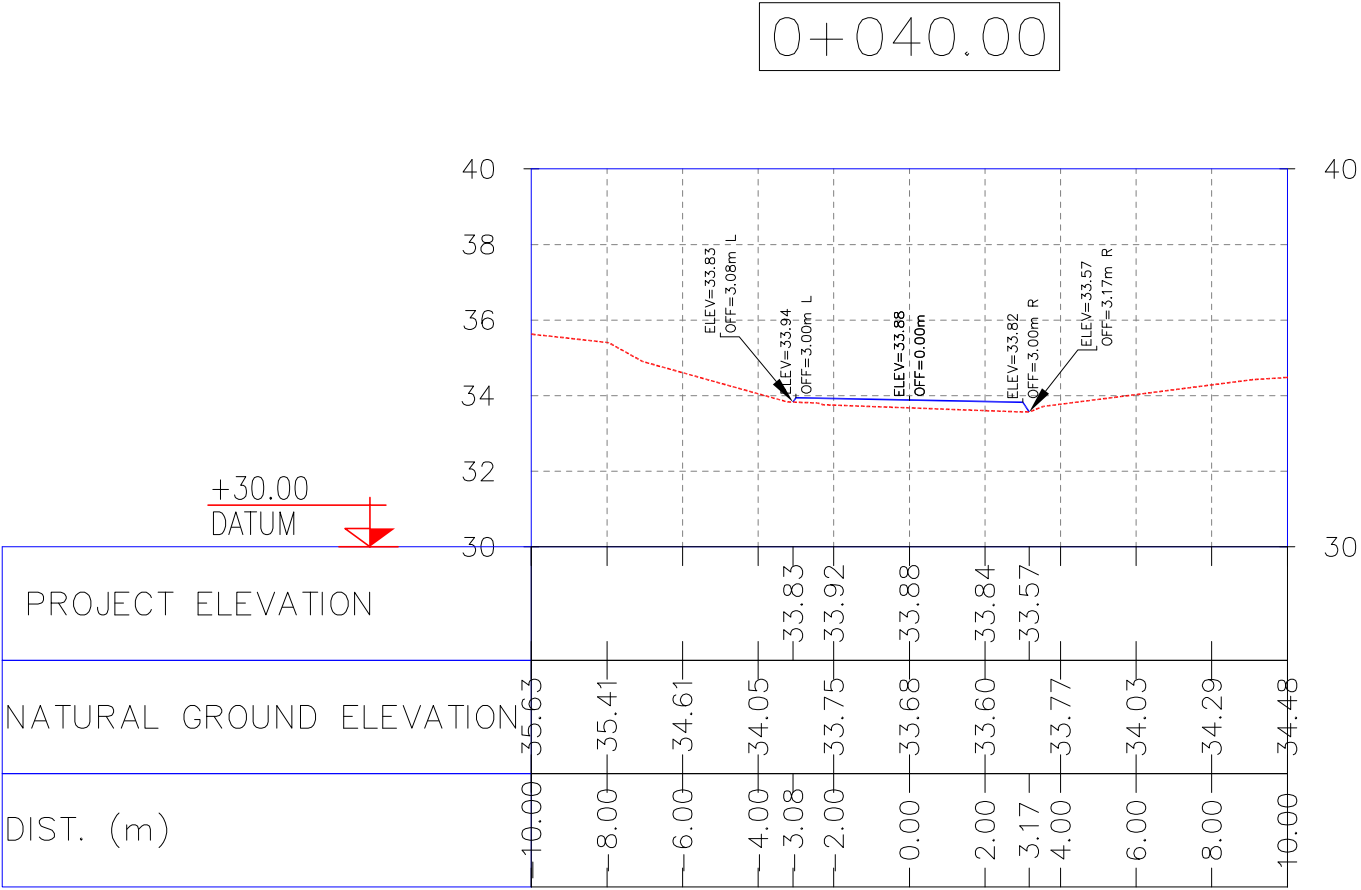
LEGEND

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

D03	MAY.2022	IPA	R. BERLOURI	M.PAKHARIAN	M.MEHRSHAD	***							
D02	MAR.2022	IPA	R. BERLOURI	M.PAKHARIAN	M.MEHRSHAD	***	***	*****	***	*****	***	*****	
D01	NOV.2021	IPA	R. BERLOURI	M.PAKHARIAN	M.MEHRSHAD	***	REV.	DESCRIPTION	BY	DATE	BY	DATE	
D00	OCT.2021	IPC	R. BERLOURI	M.PAKHARIAN	SH.GHALIKAR	***			CHECKED		REV. APPR.		
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کليه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.						
PROJECT NAME:								THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS					
PROJECT NO.:								971020					
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):				BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES						
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY										
							DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.		
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
CIVIL AND STRUCTURAL DRAWINGS-W028S BURN PIT ROAD TRANSVERSAL SECTIONS KM 0 ~30M							APPROVED FOR CONSTRUCTION			BY:		DATE:	
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			37 OF 41	D03	053-073-9184	F	4	2	707548	37	D03



NOTES

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HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39

ELLIPSOID : WORLD GEODETTIC SYSTEM 1984 (WGS84)

MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)

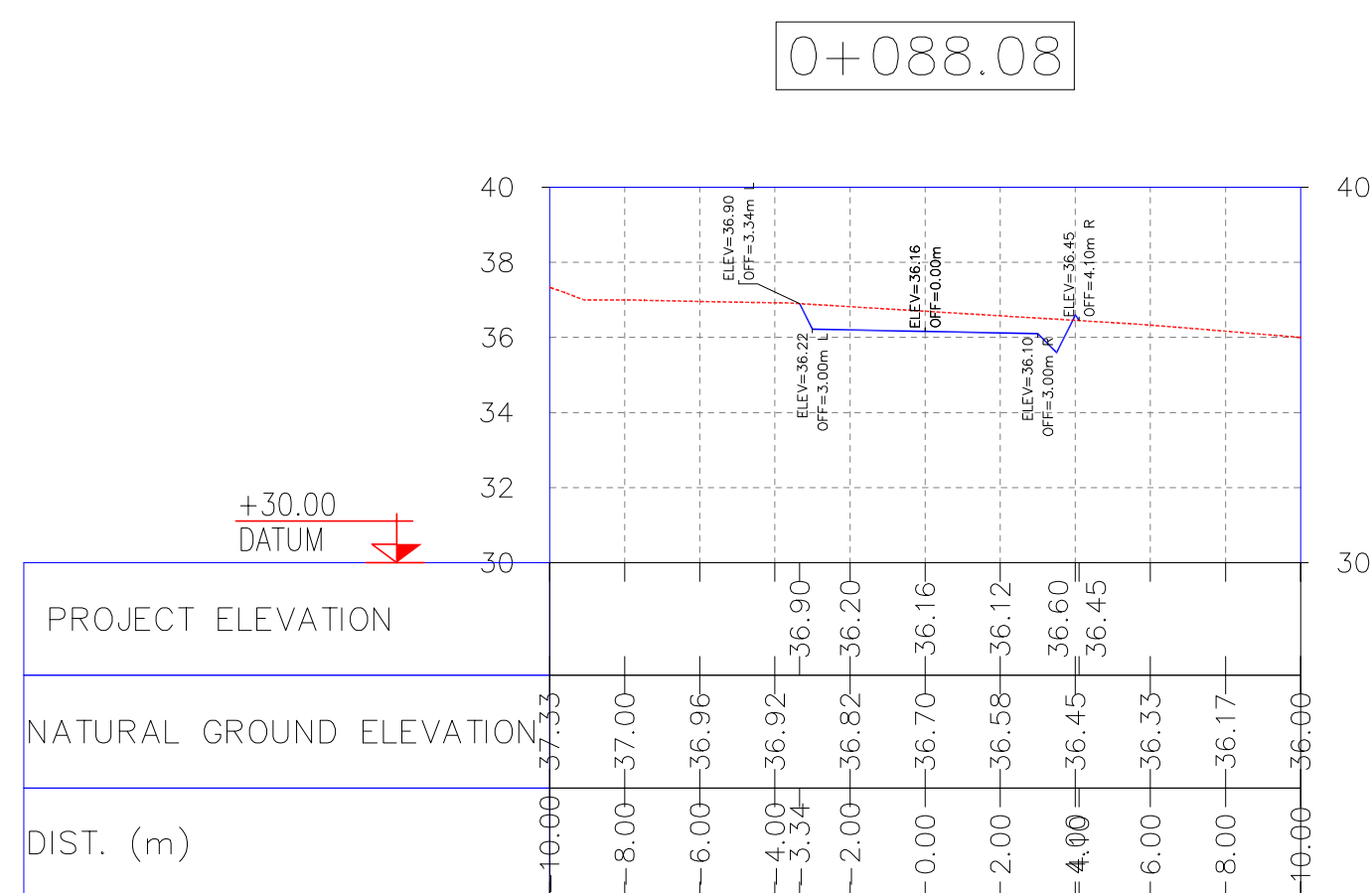
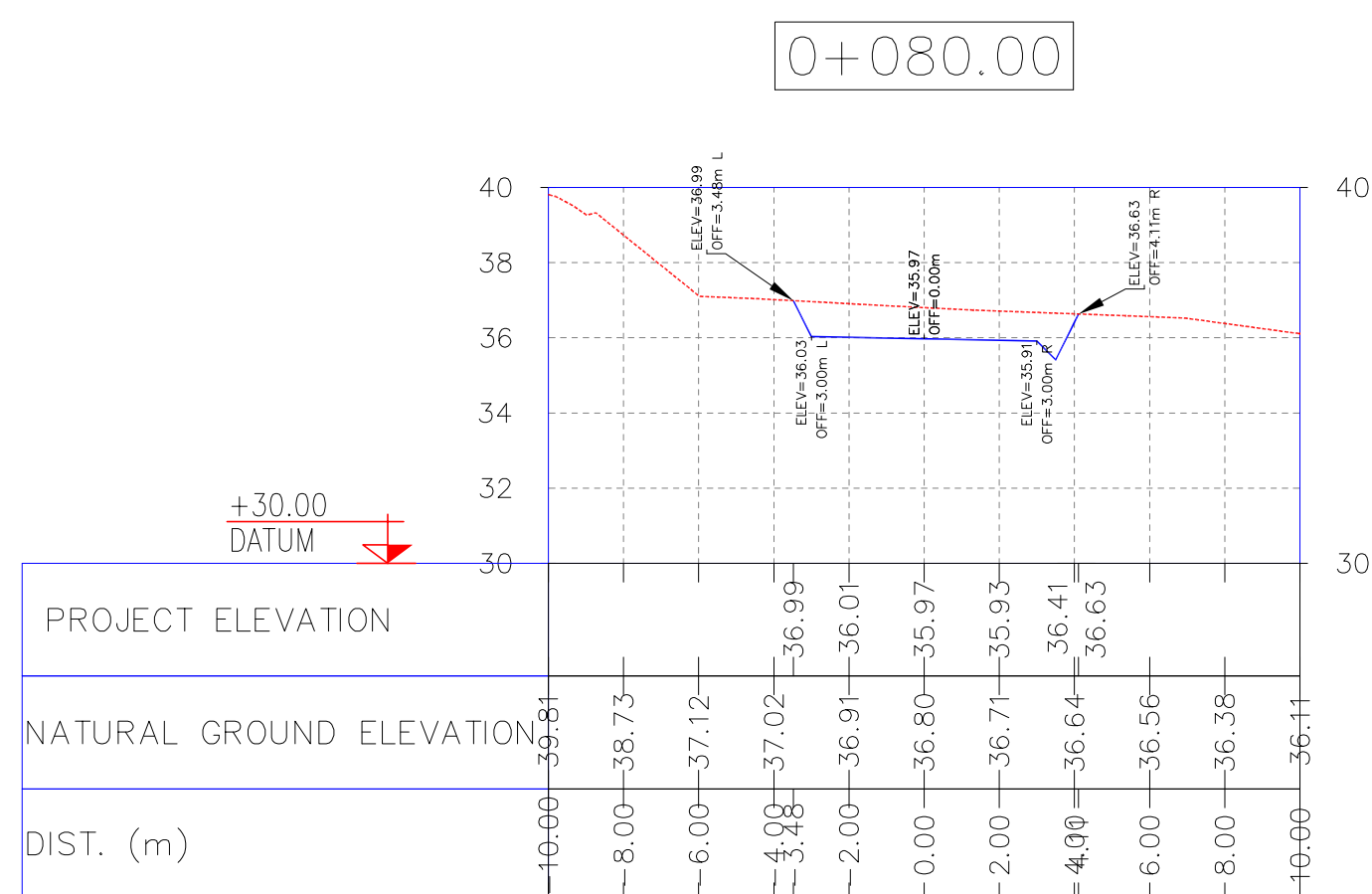
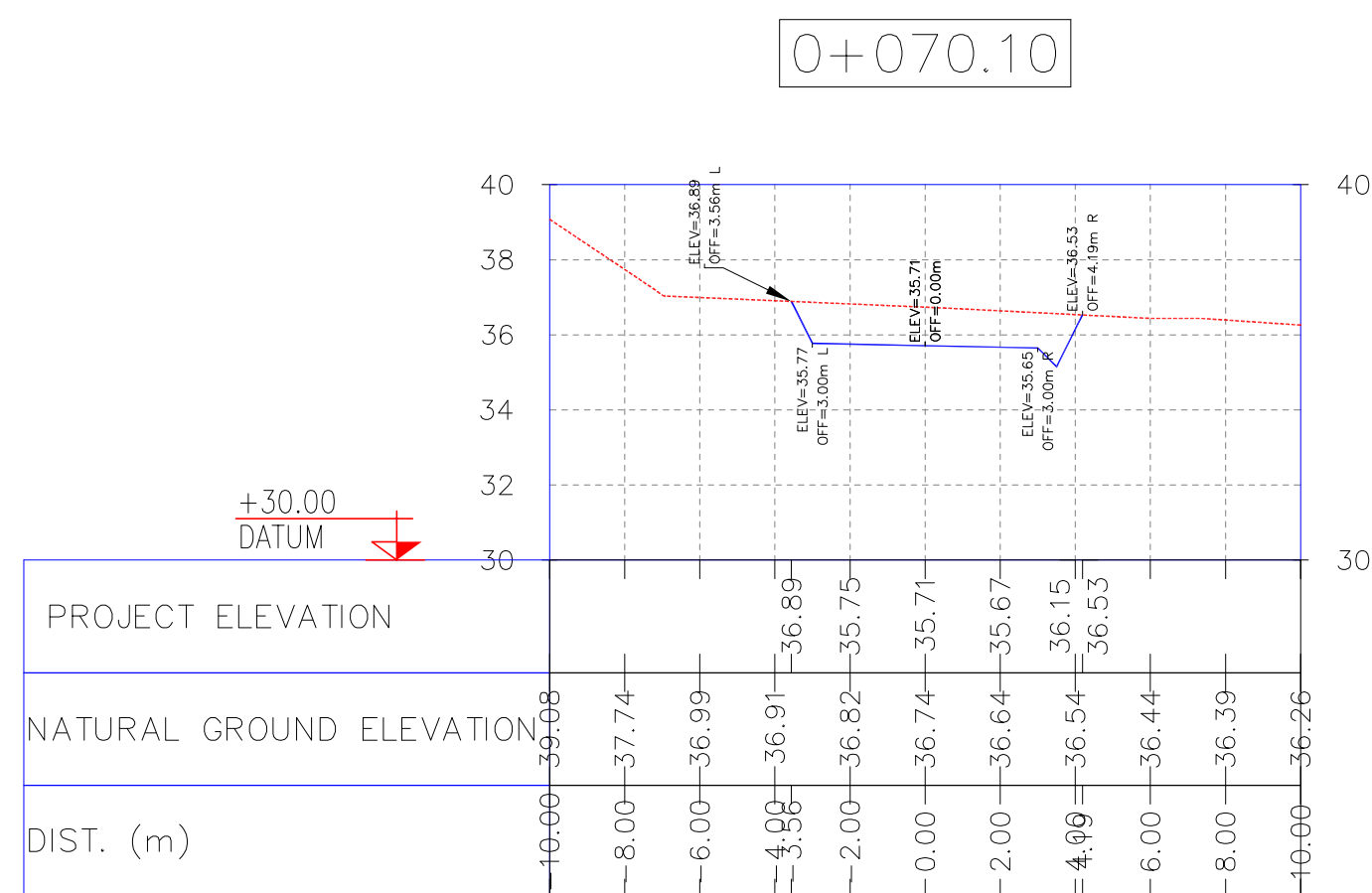
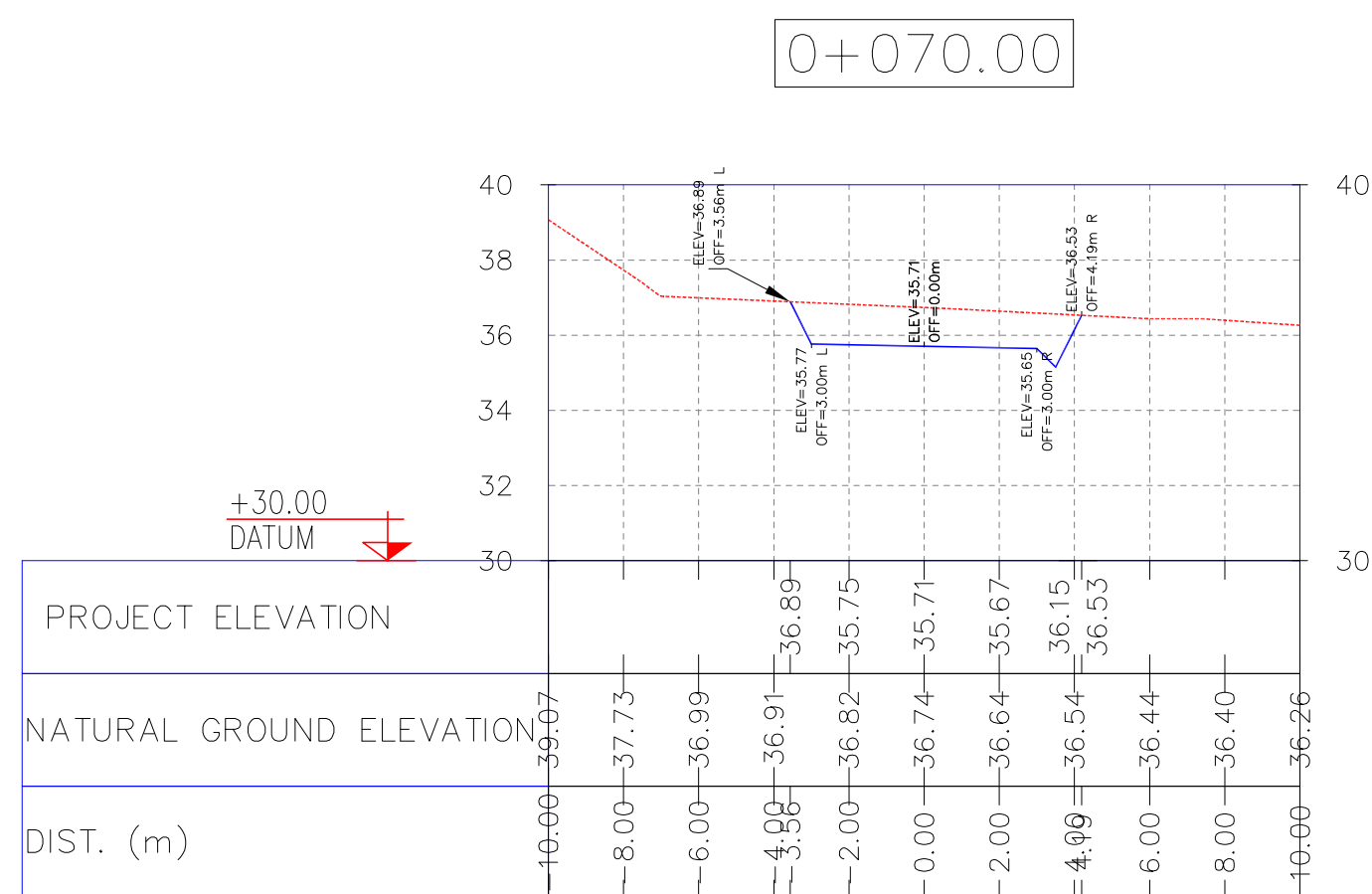
VERTICAL DATUM: MSL

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

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	***	REV.	DESCRIPTION	BY	DATE	BY	DATE	
D00	OCT.2021	IFC	R. BERLOUEI	M.PAKHARIAN	SH.GHAJIKAR	***					CHECKED		REV. APPR.
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.						
PROJECT NAME:								THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS					
PROJECT NO.:								971020					
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):				BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES						
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY										
			PEDCO				DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.		
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
CIVIL AND STRUCTURAL DRAWINGS-W028S BURN PIT ROAD TRANSVERSAL SECTIONS KM 40~60M							APPROVED FOR CONSTRUCTION BY: DATE:						
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-W028-PEDCO-110-CV-PY-0002			38 OF 41	D03	053-073-9184	F	4	2	707548	38	D03



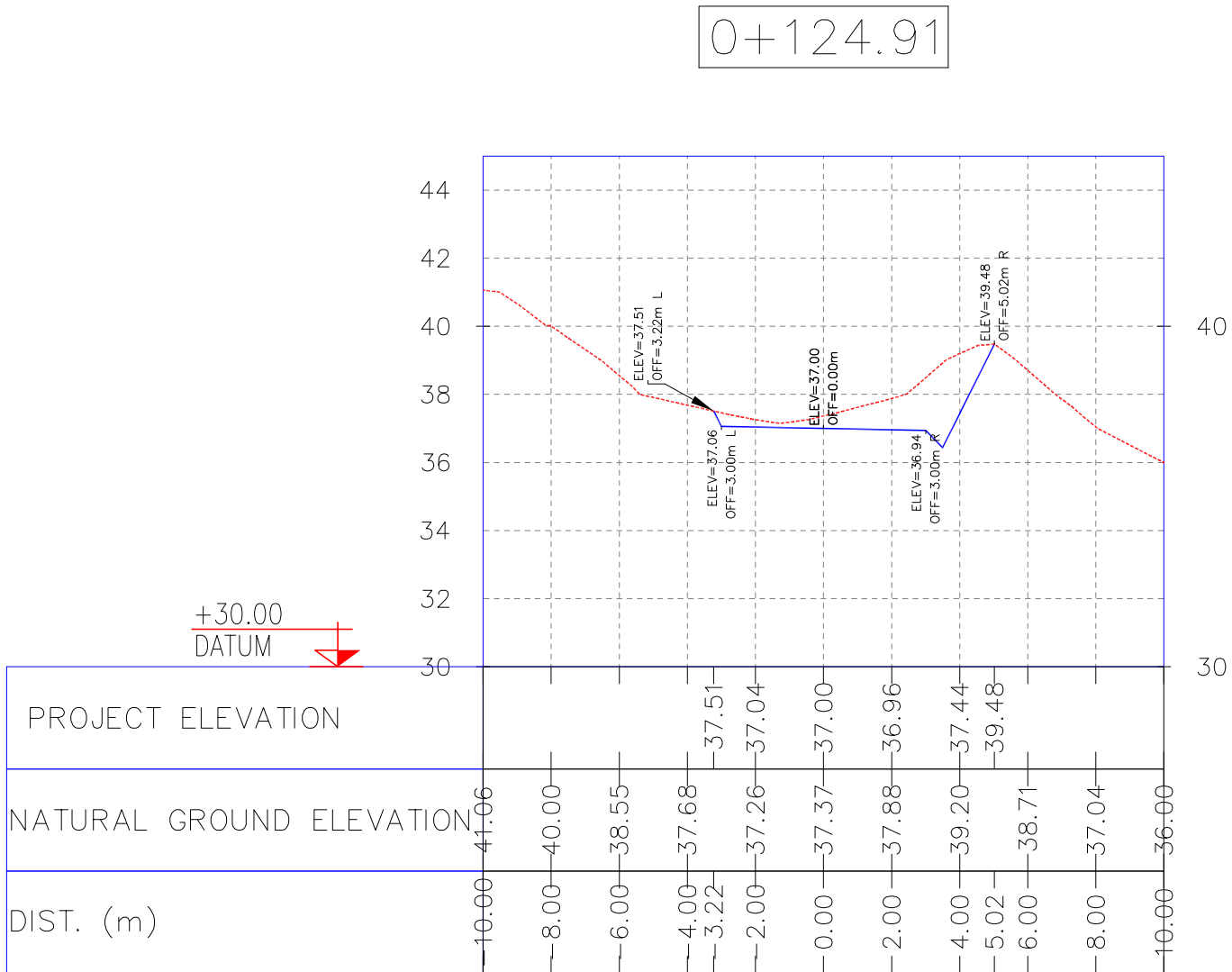
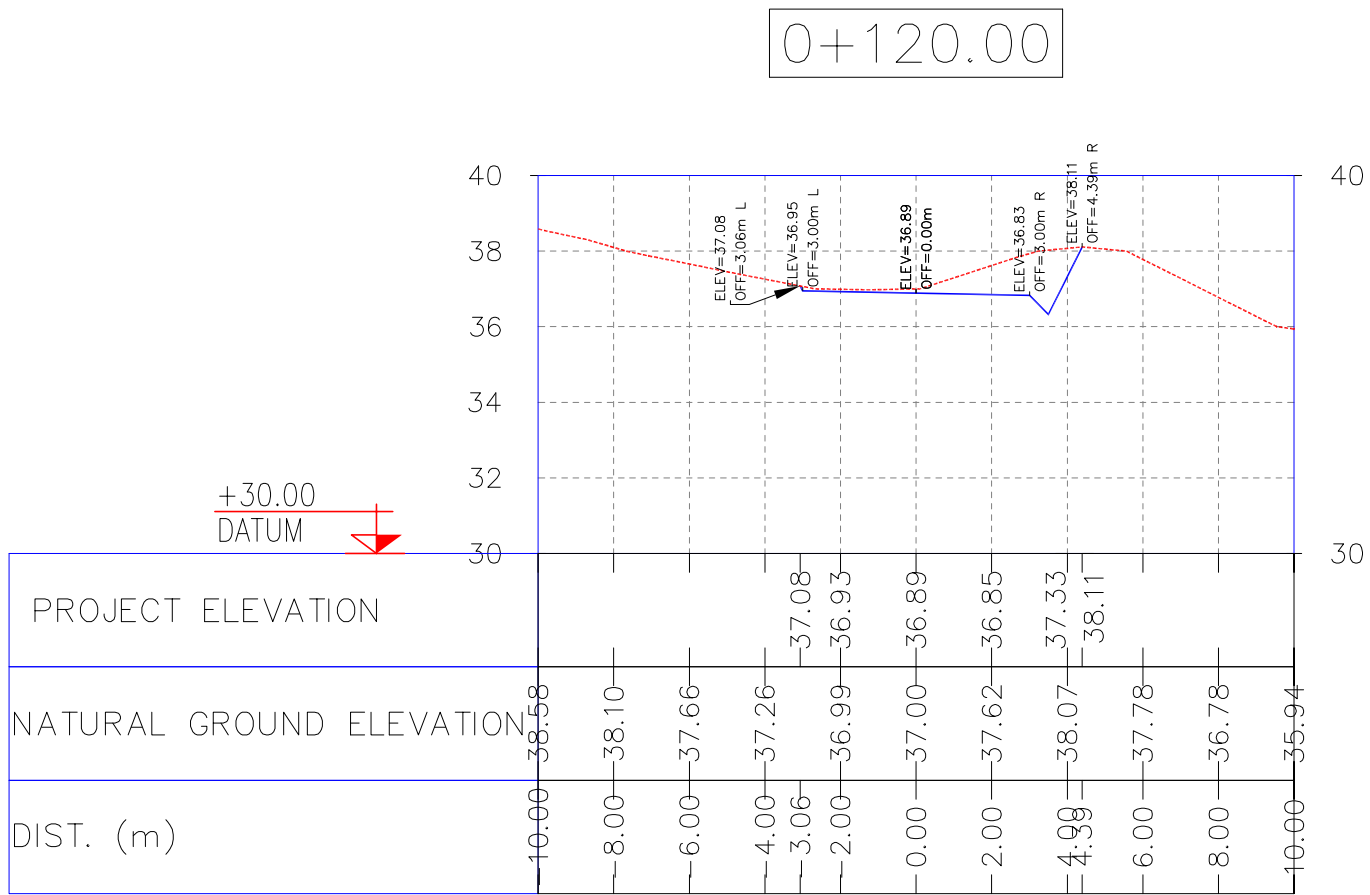
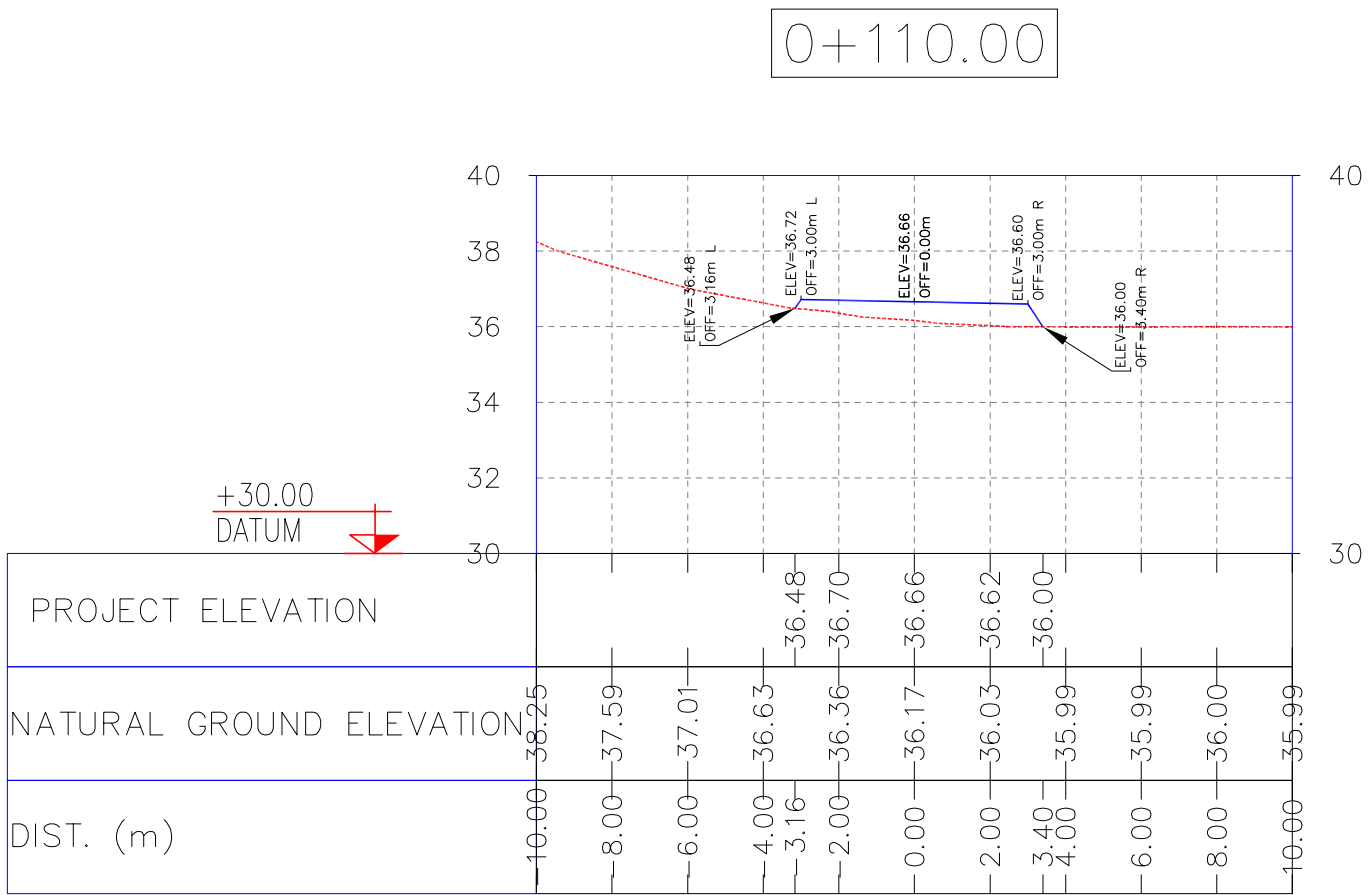
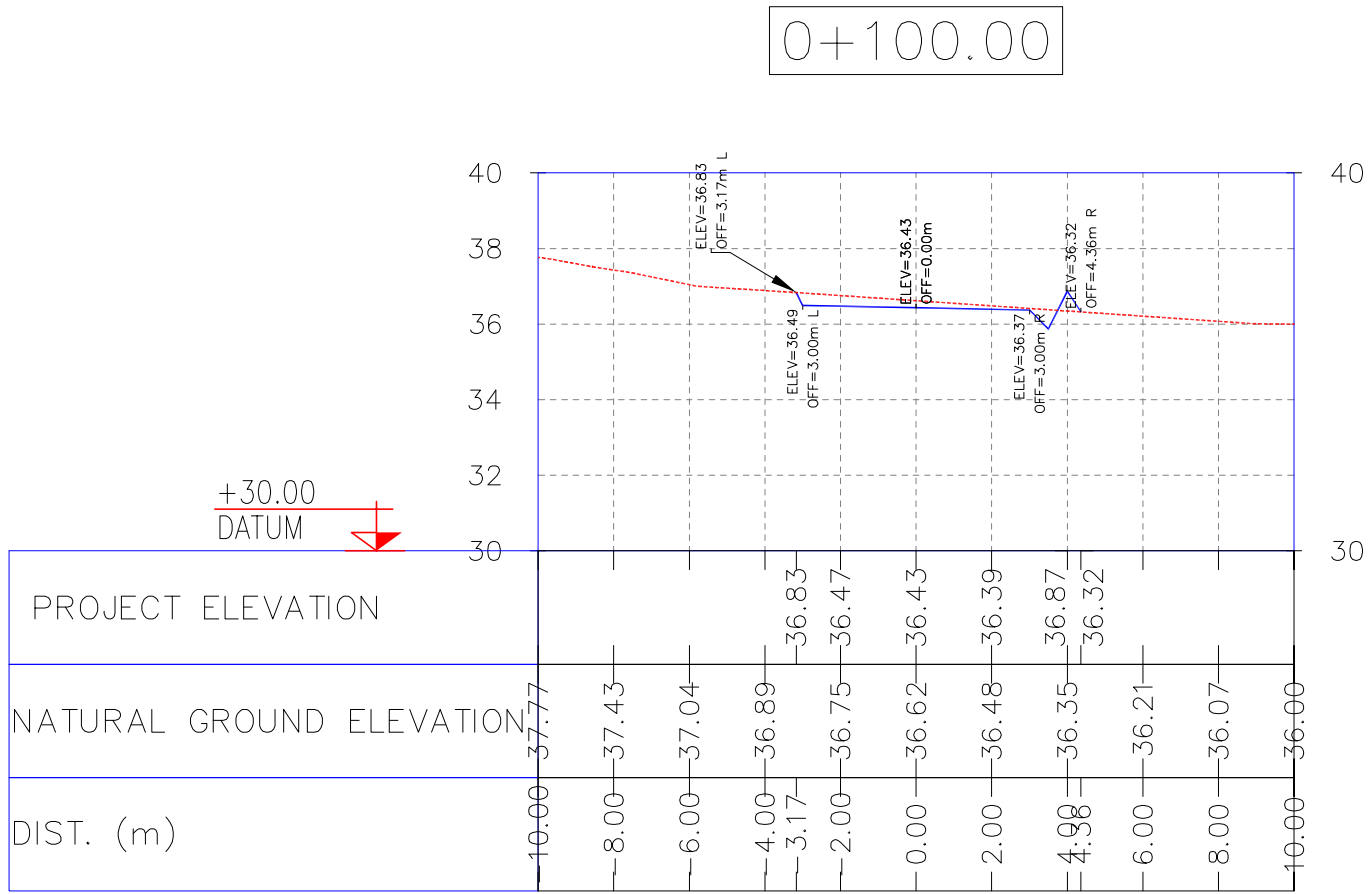
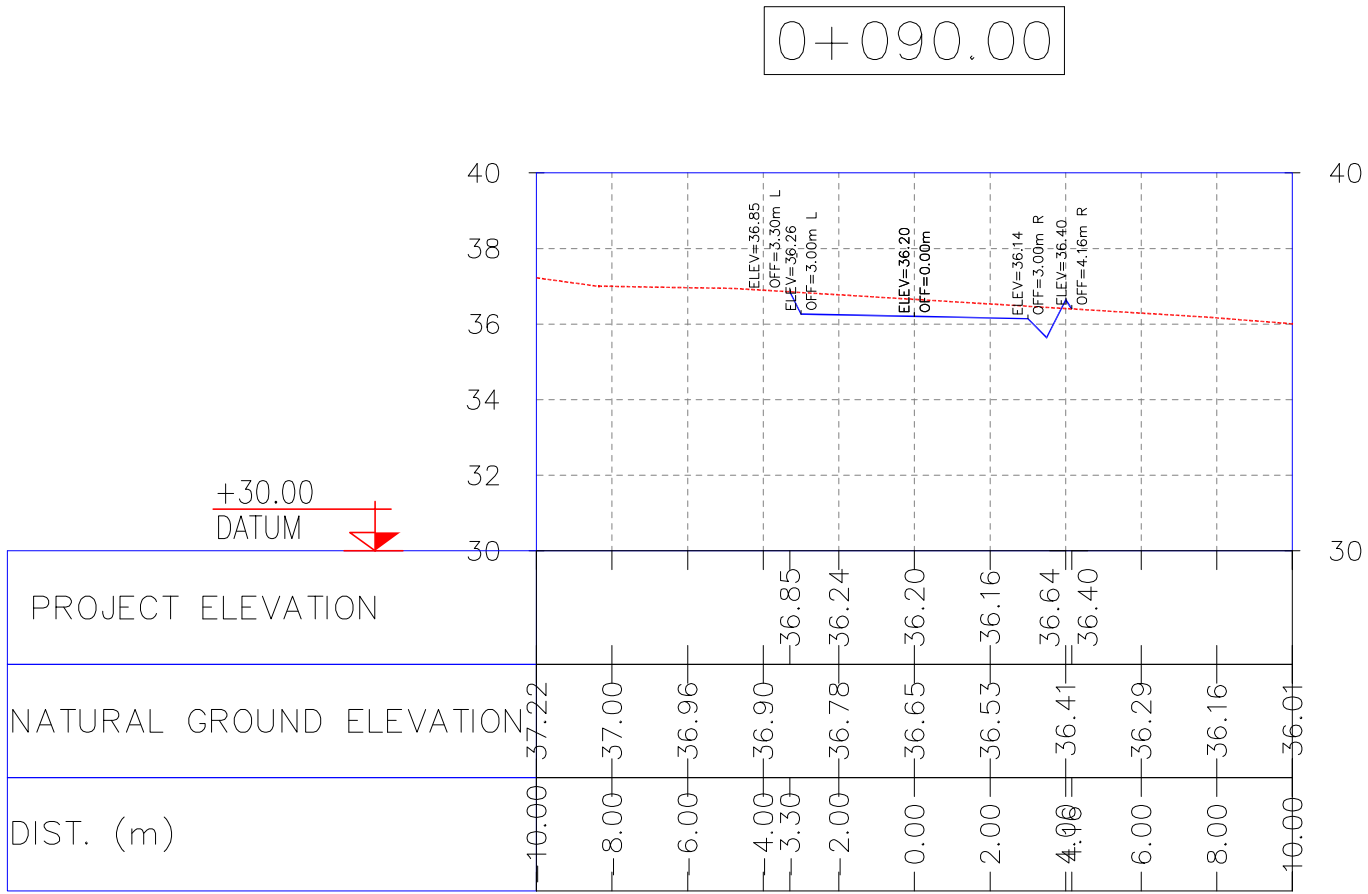
NOTES	
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HORIZONTAL COORDINATE SYSTEM:	WGS84/UTM ZONE 39
ELLIPSOID :	WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION:	UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM:	MSL

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 Specification For Earth Work	BK-GNRL-PEDCO-000-CV-DW-0014 BK-GNRL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRL-PEDCO-000-CV-DW-0002

KEY PLAN

[illegible]



NOTES

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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

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	***	REV.	DESCRIPTION	BY	DATE	BY	DATE
D00	OCT.2021	IPC	R. BERLOUEI	M.PAKHARIAN	SH.GHALUKAR	***			CHECKED		REV.	APPR.
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	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					
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES							971020					
PROJECT NO.:			EPD/EPC CONTRACTOR(GC):				BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W028 WELLHEAD FACILITIES					
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):				DATE					
HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			PETROIRAN DEVELOPMENT COMPANY				SCALE					
DRAWING TITLE:			CIVIL AND STRUCTURAL DRAWINGS-W028S BURN PIT ROAD TRANSVERSAL SECTIONS KM 90~124.91M				NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED					
SCALE			DRAWING NO.				APPROVED FOR CONSTRUCTION					
AS SHOWN			SHEET NO.				BY:					
A1			REV.				DATE:					
BK-W028-PEDCO-110-CV-PY-0002			BUDGET REF.				LOCATION					
40 OF 41			SIZE				CLASS					
D03			SERIAL NO.				SHEET					
053-073-9184			REV.				REVISION					
F			707548				40					
2			D03									

[illegible]