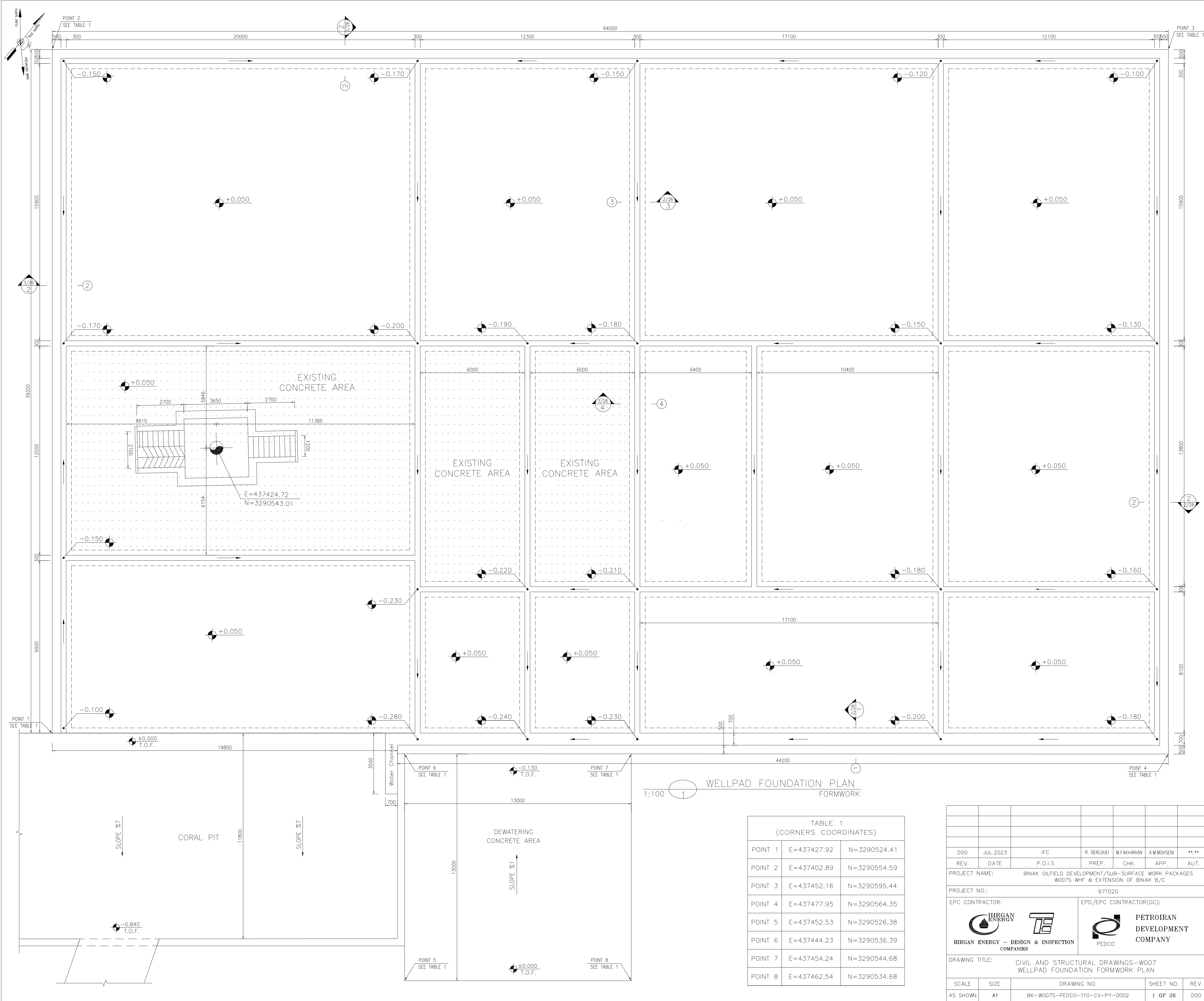




- NOTES
- 1- ALL COORDINATES ARE IN METER.
 - 2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
 - 3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
 - 4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa (ON CYLINDRICAL SPECIMEN)
 - 5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa (ON CYLINDRICAL SPECIMEN)
 - 6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI 3132 AND 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 WATER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS & SHALL BE FOLLOWED ASTM D2499. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION.
 - 10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
 - 11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
 - 12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE 2.
 - 13- JOINT FILLER SHALL BE ELASTIC MATERIAL. POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED.
 - 14- THE EMULSION ON CONCRETE EXPOSED WITH SOIL SHOULD BE B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS. THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640

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	B.O.P.	BOTTOM OF PIPE
	SUB GRADE	R.G.L.	ROUGH GRADING LEVEL
	SLOPE	B.O.CH.	BOTTOM OF CHANNEL
	EXISTING CONCRETE AREA		

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 - W007S	BK-W007S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS - W007S	BK-W007S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SP-0002

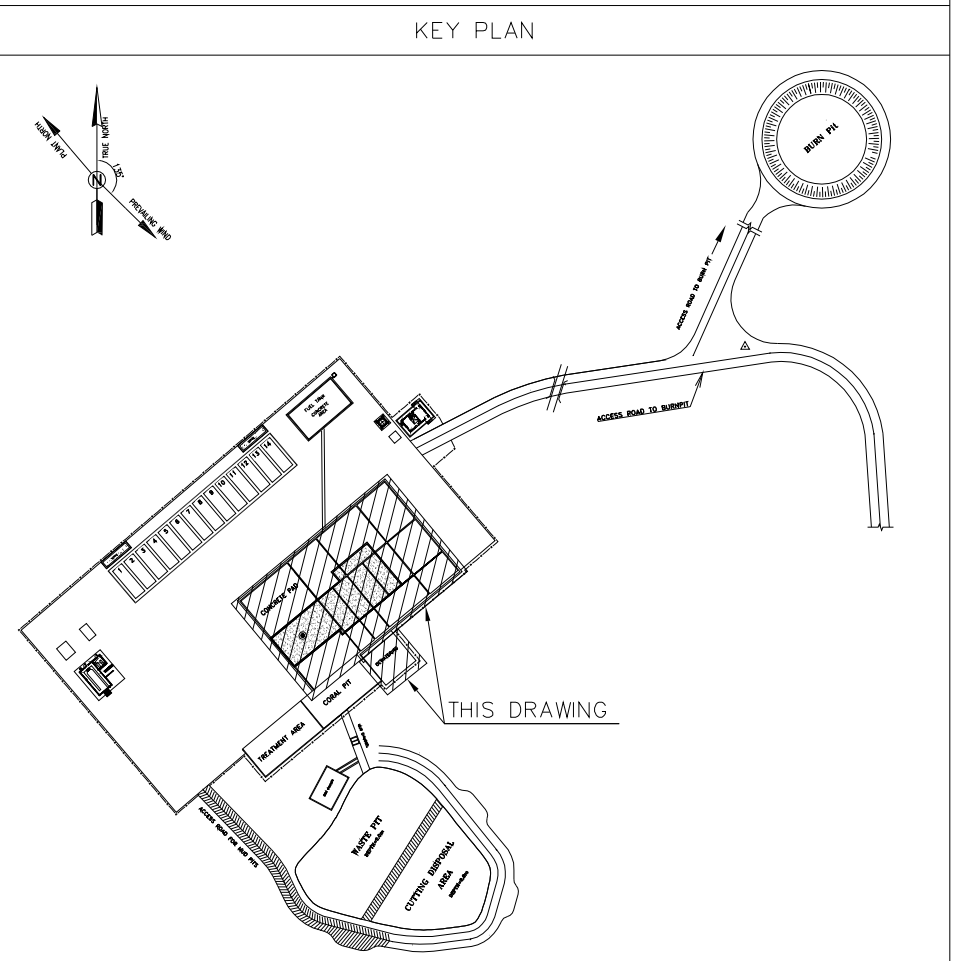
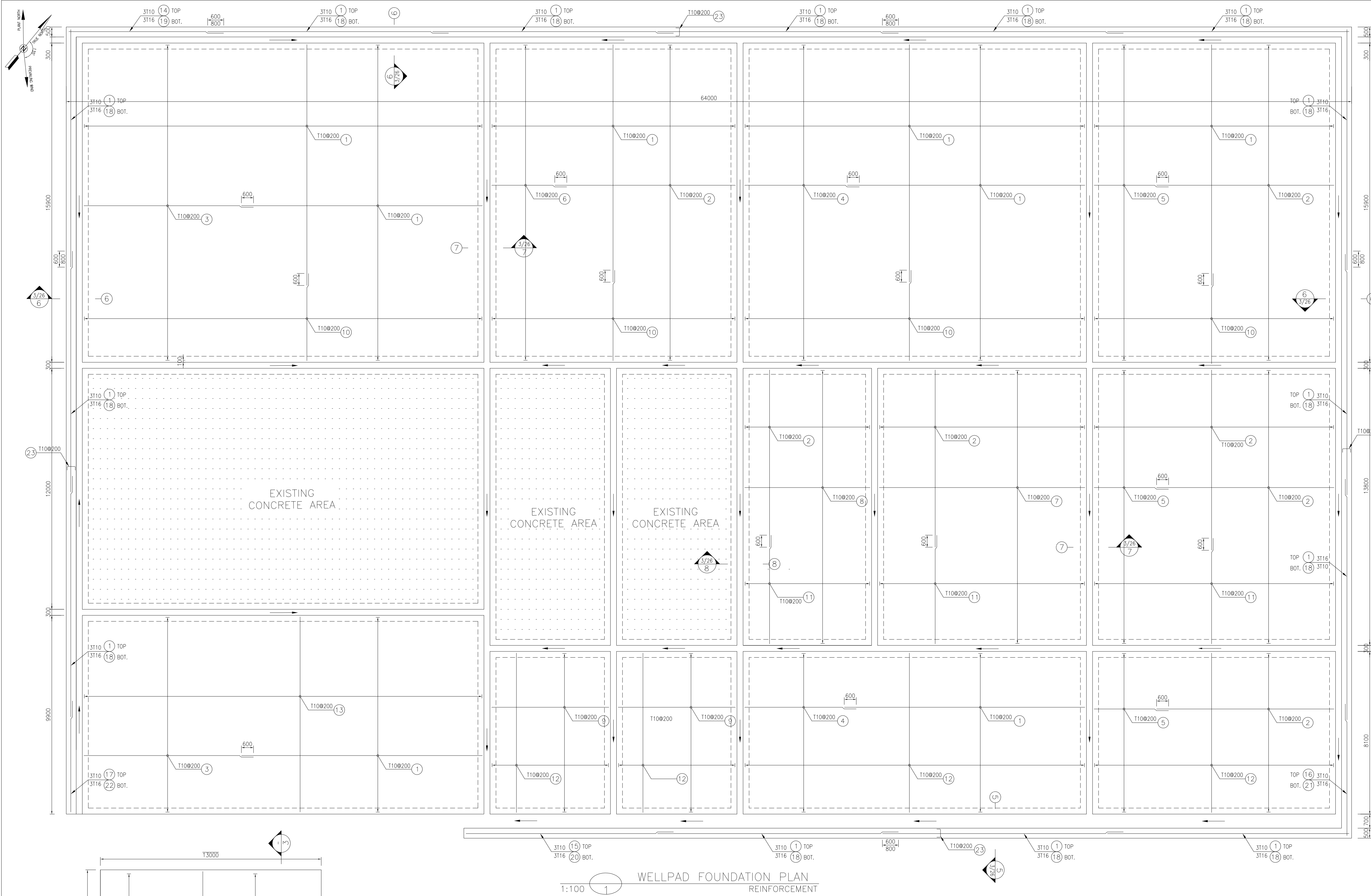


TABLE 1
(CORNERS COORDINATES)

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POINT 2	E=437402.89	N=3290554.59
POINT 3	E=437452.16	N=3290595.44
POINT 4	E=437477.95	N=3290564.35
POINT 5	E=437452.53	N=3290526.38
POINT 6	E=437444.23	N=3290536.39
POINT 7	E=437454.24	N=3290544.68
POINT 8	E=437462.54	N=3290534.68

REV.	DATE	DESCRIPTION	BY	DATE	BY	DATE
DOO	JUL.2023	IFC	R. BERLOUDI	W.FAKHARIAN	A.M.MOHSSENI	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W007S WHF & EXTENSION OF BINAK B/C						
PROJECT NO.: 971020						
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):			
HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W007 WELLPAD FOUNDATION FORMWORK PLAN						
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION
AS SHOWN	A1	BK-W007S-PEDCO-110-CV-PY-0002	1 OF 26	DOO	053-073-9184	F
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
APPROVED FOR CONSTRUCTION			BY:		DATE:	
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.	SHEET	REVISION
					708048	1 DOO



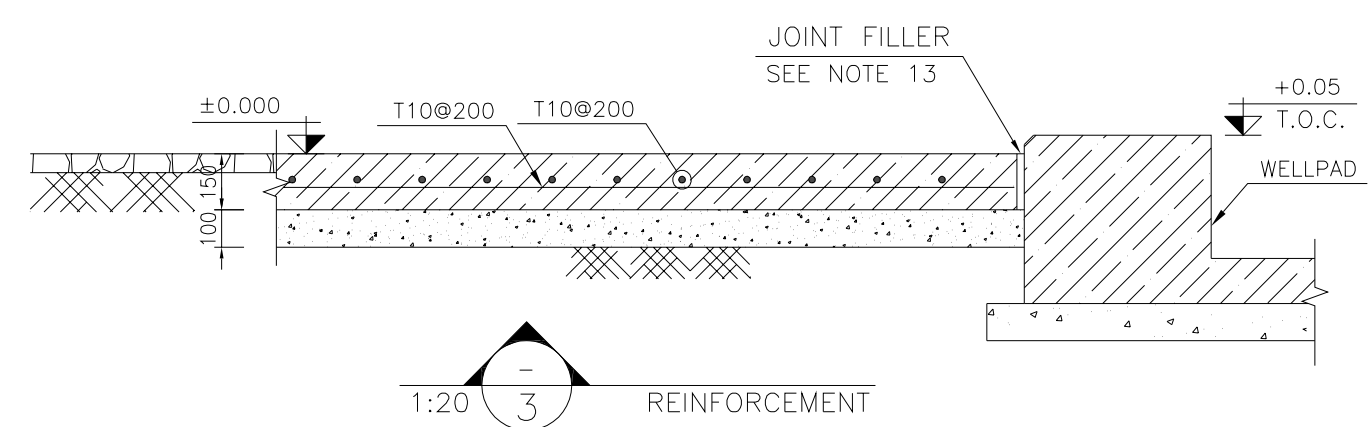
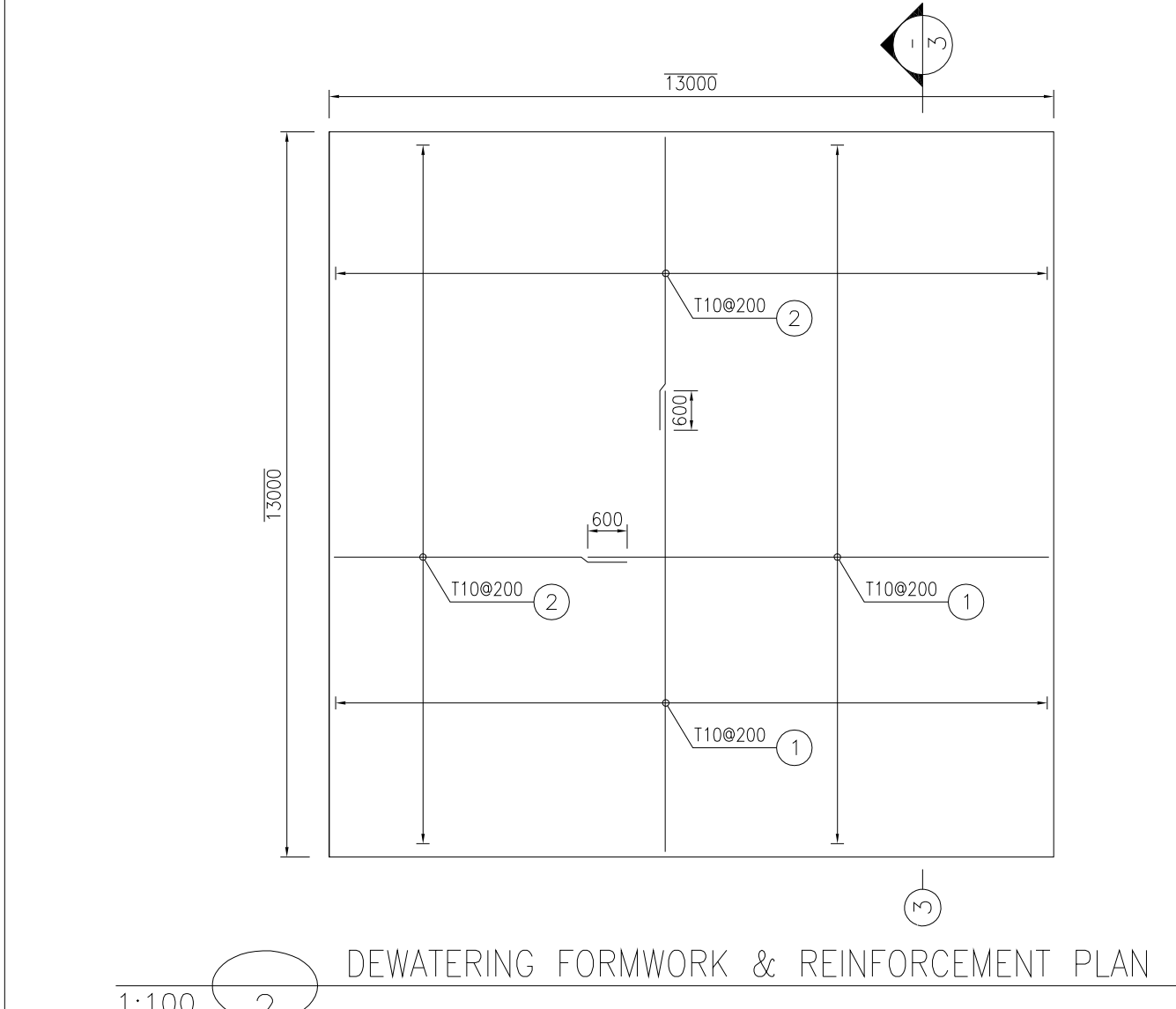
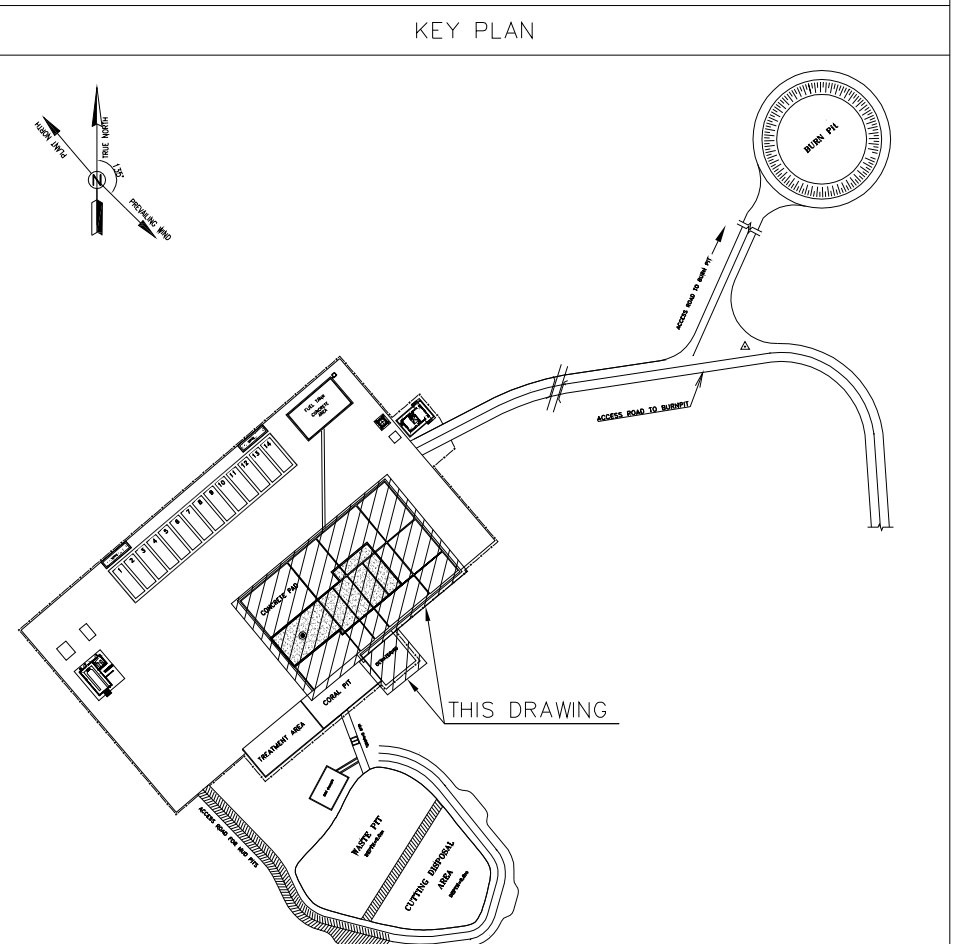
- NOTES
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 - 6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI 3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm²
 - 7- MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
 - 8- SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No. 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 WATER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS & SHALL BE FOLLOWED ASTM D2499. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION.
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ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
 - 12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE 2.
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LEGEND AND ABBREVIATION

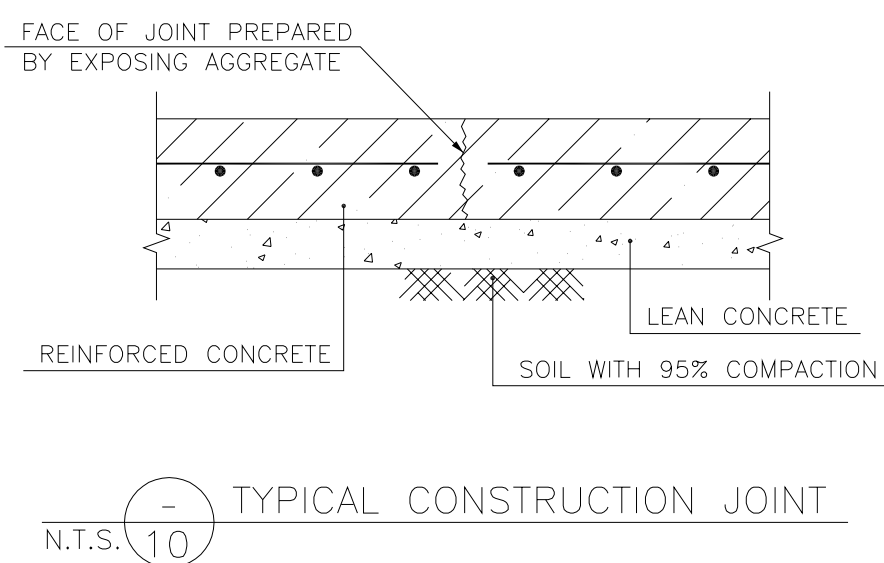
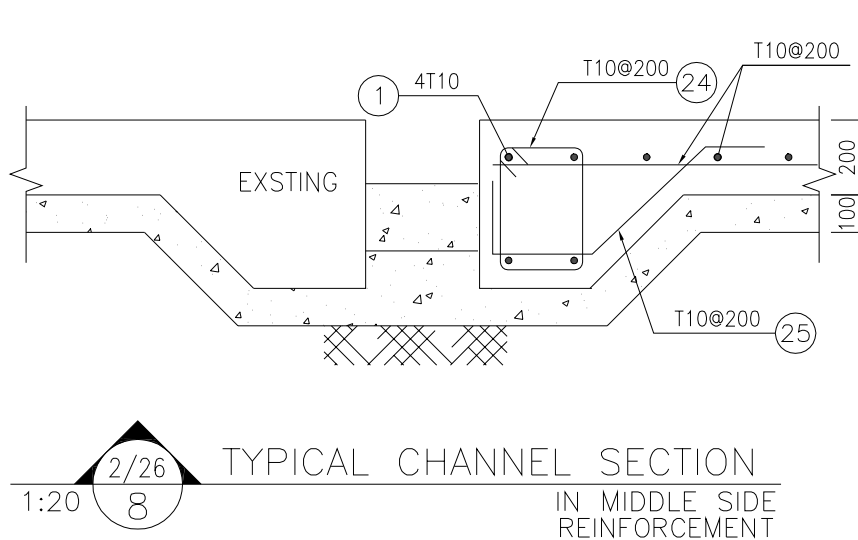
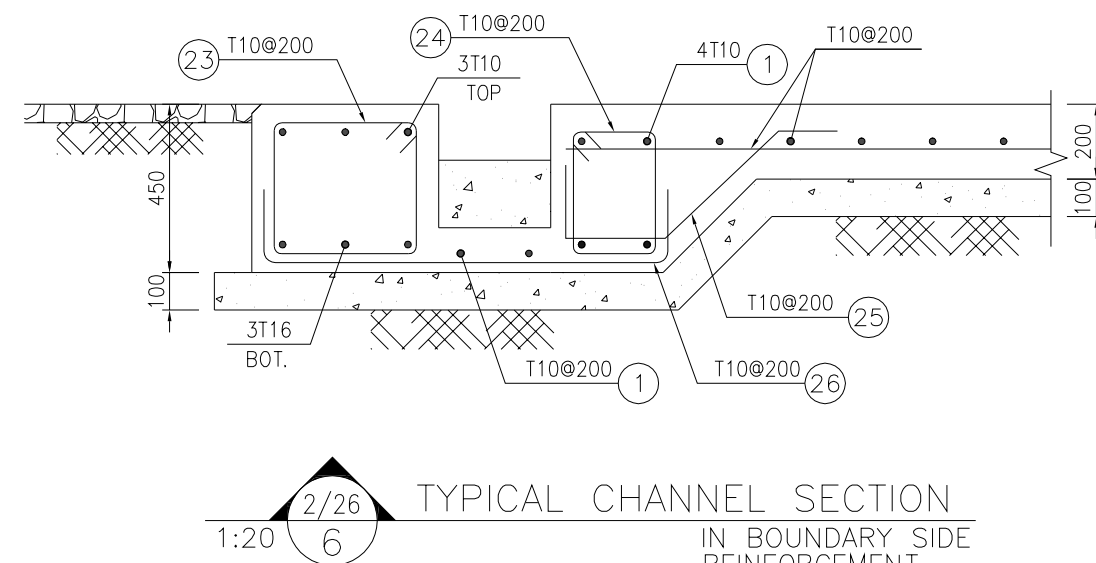
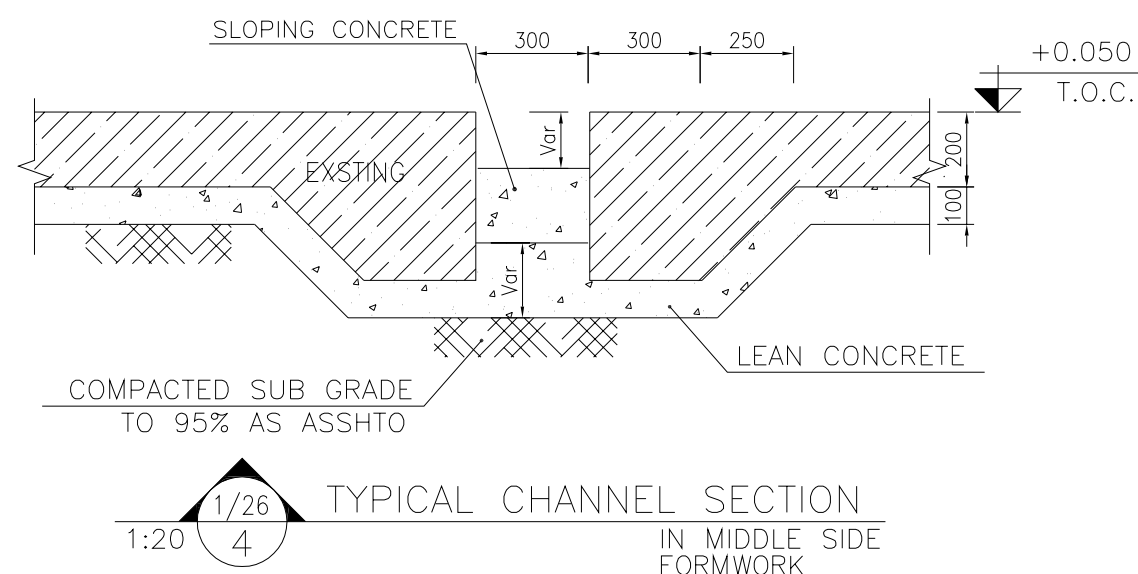
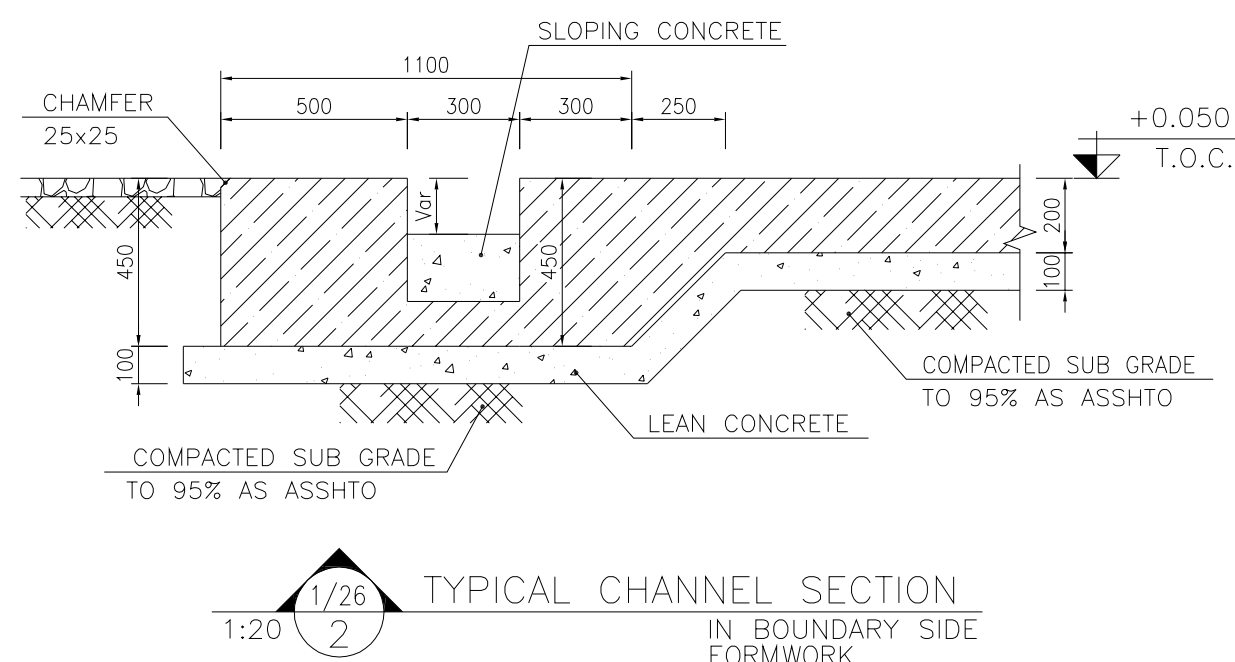
	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
	GRAVEL	B.O.P.	BOTTOM OF PIPE
	SUB GRADE	R.G.L.	ROUGH GRADING LEVEL
	SLOPE	B.O.CH.	BOTTOM OF CHANNEL
	EXISTING CONCRETE AREA		

REFERENCE DRAWING

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 - W007S	BK-W007S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS - W007S	BK-W007S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SP-0002

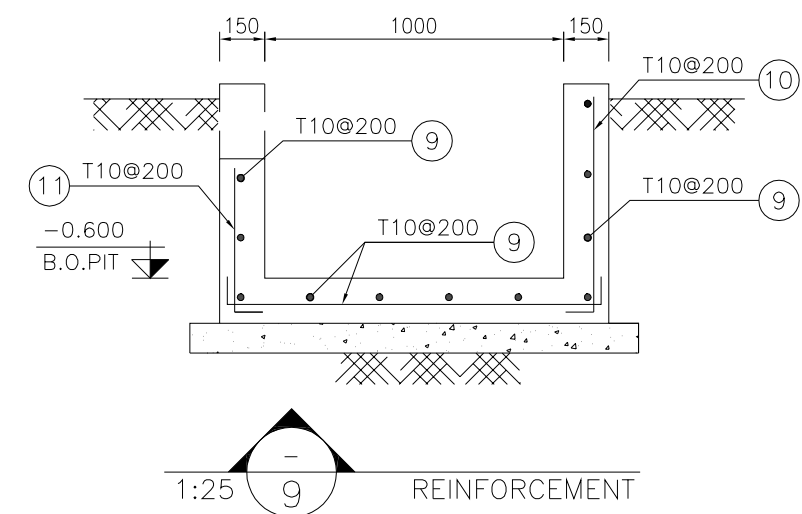
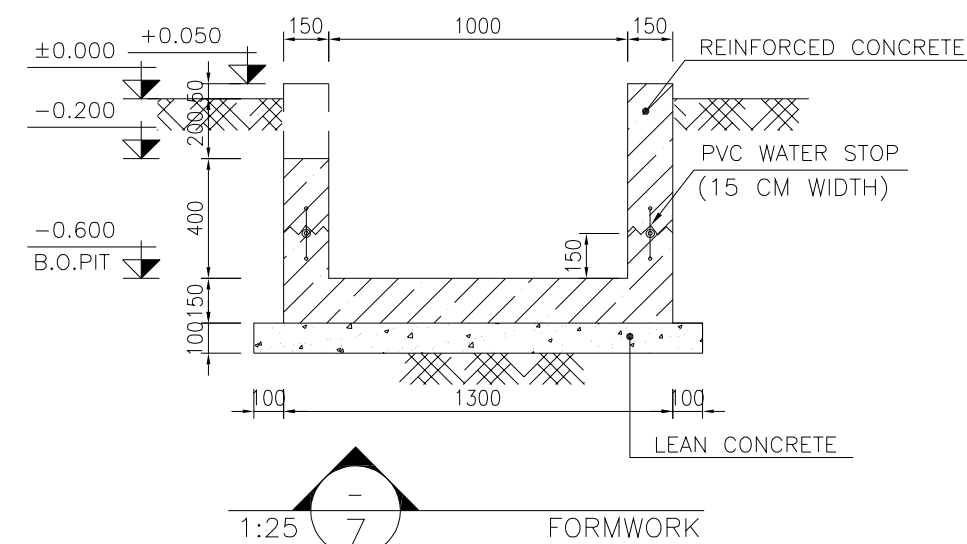
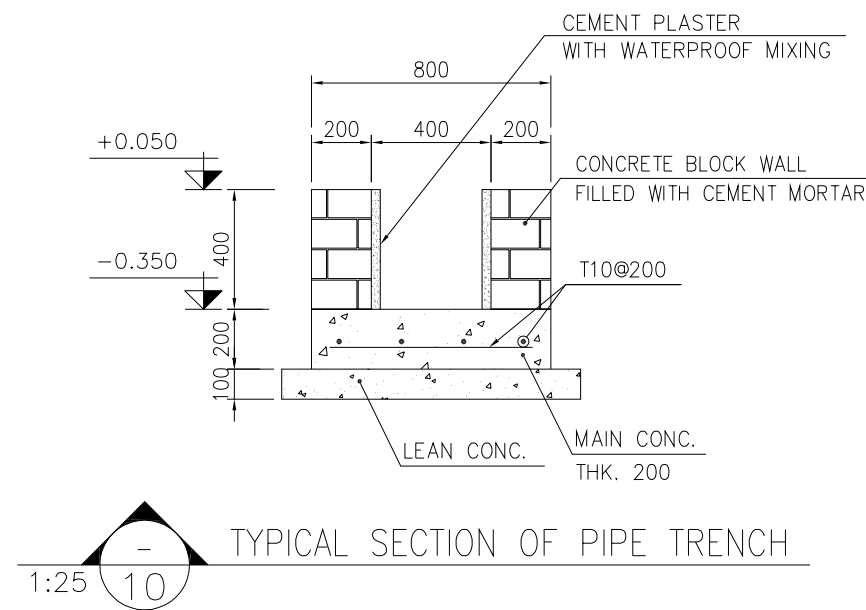
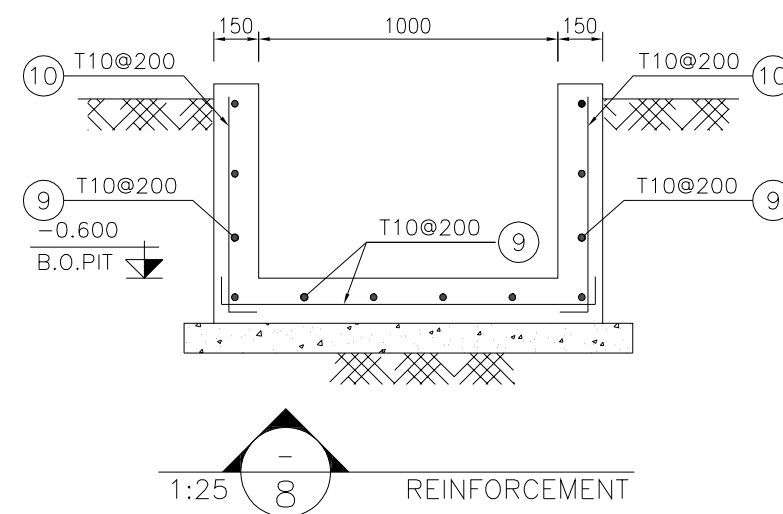
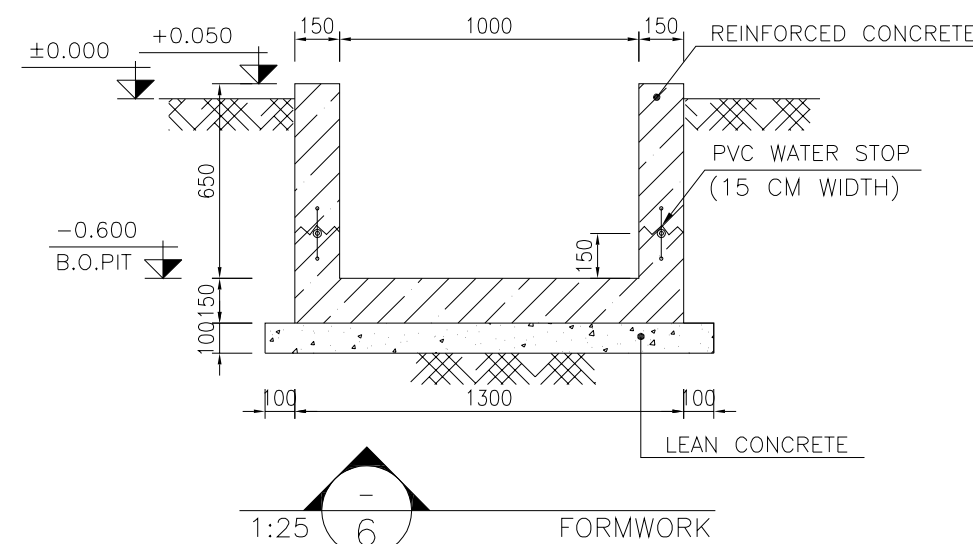
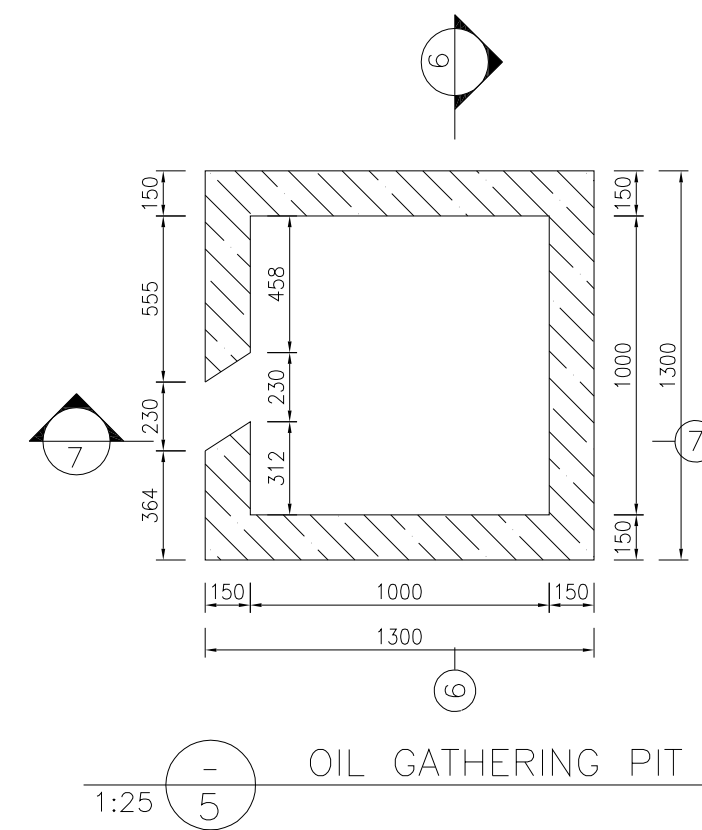
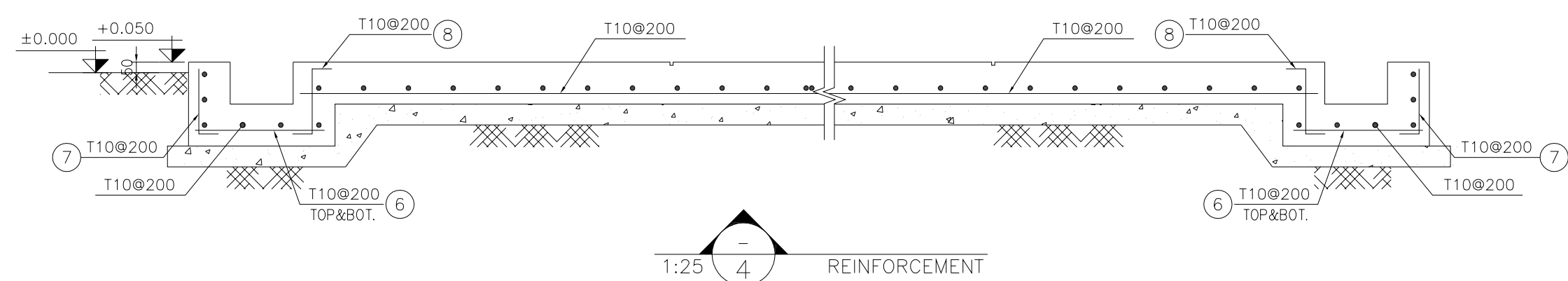
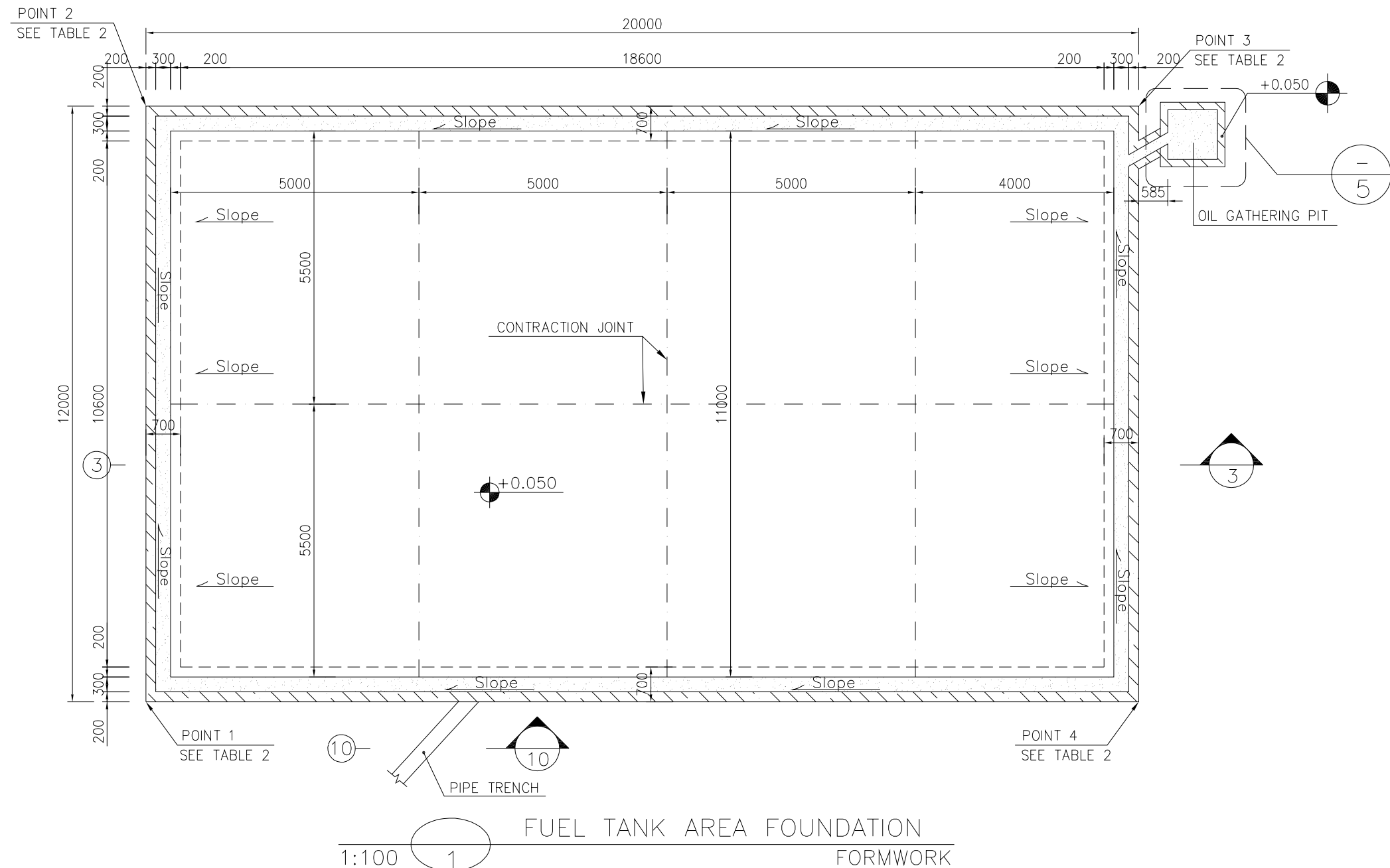


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BAR BENDING SCHEDULE – DEWATERING					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	<u>9000</u>	9.00	130	1170.0
2	T10	<u>4450</u>	4.45	130	578.5
TOTAL LENGTH OR AREA (m/m2)					1748.5
UNIT WEIGHT (Kg)					0.617
WEIGHT (Kg)					1078.83
GRAND TOTAL (Kg)					1080

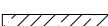
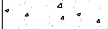
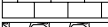
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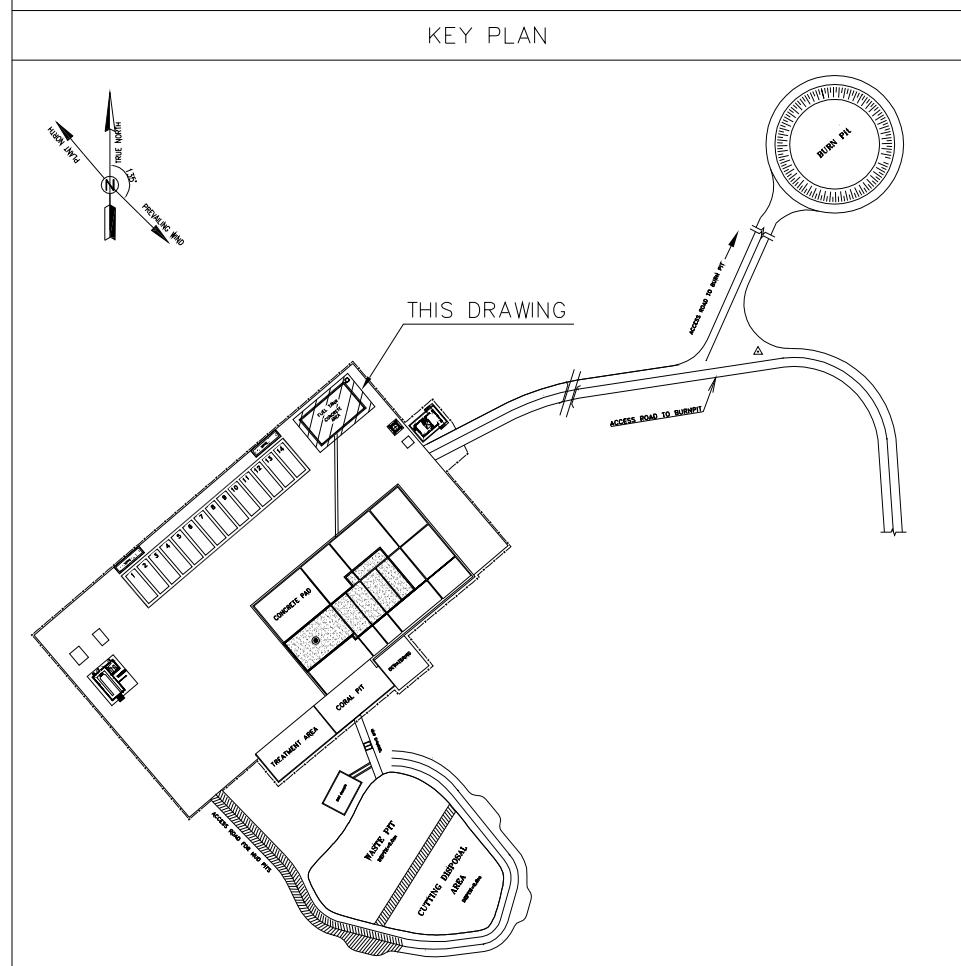
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POINT 2	E=437418.86	N=3290616.84
POINT 3	E=437434.08	N=3290629.82
POINT 4	E=437441.87	N=3290620.68

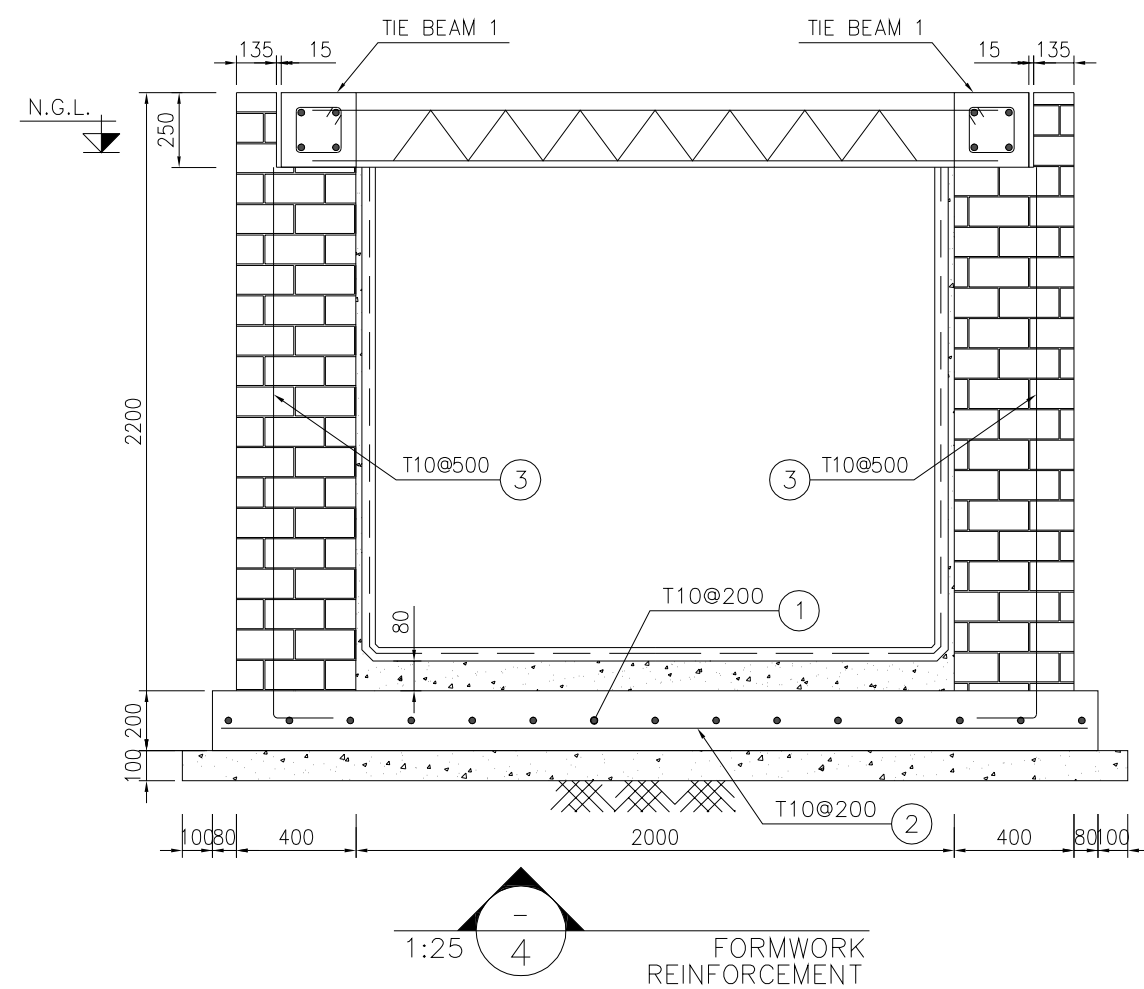
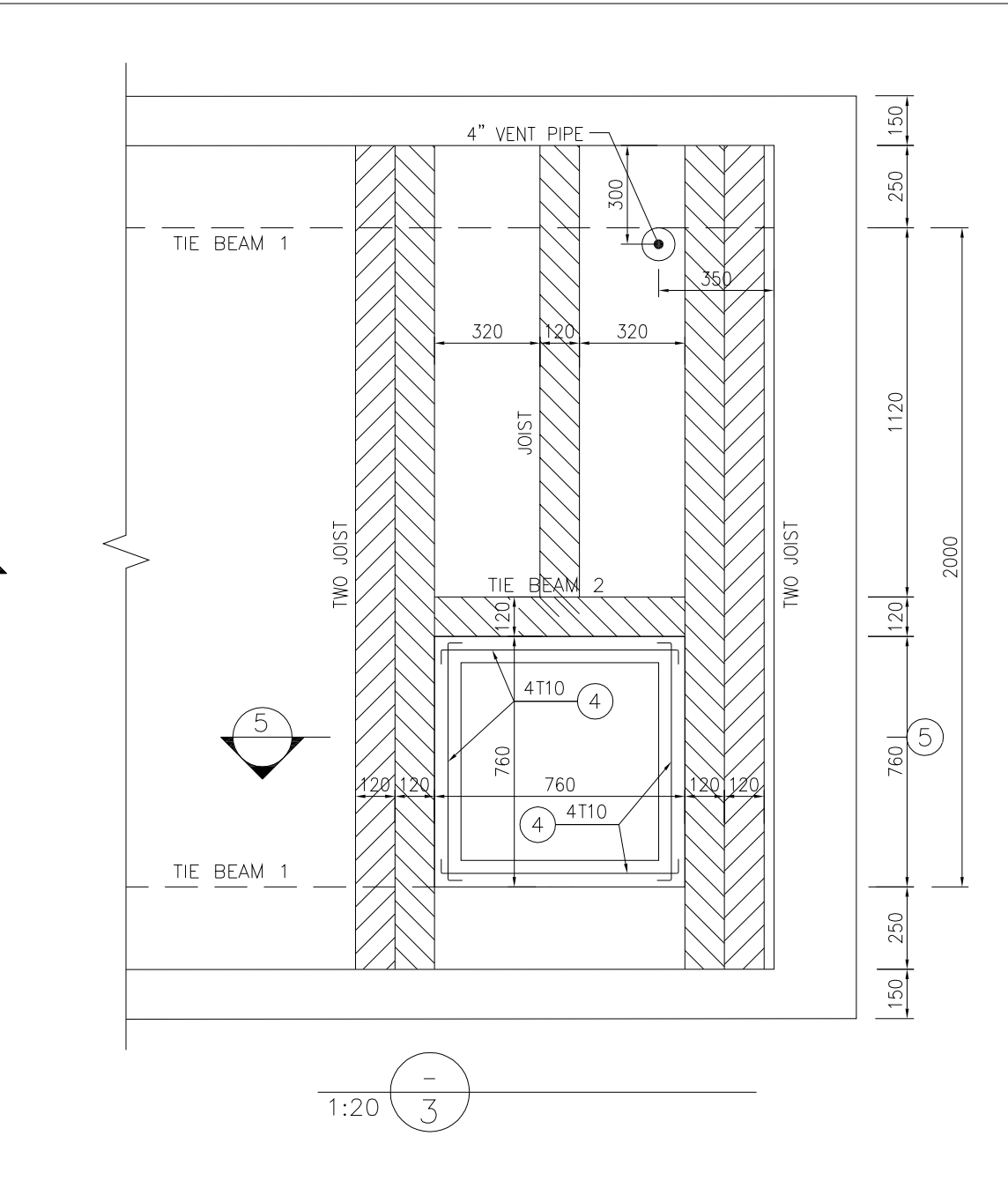
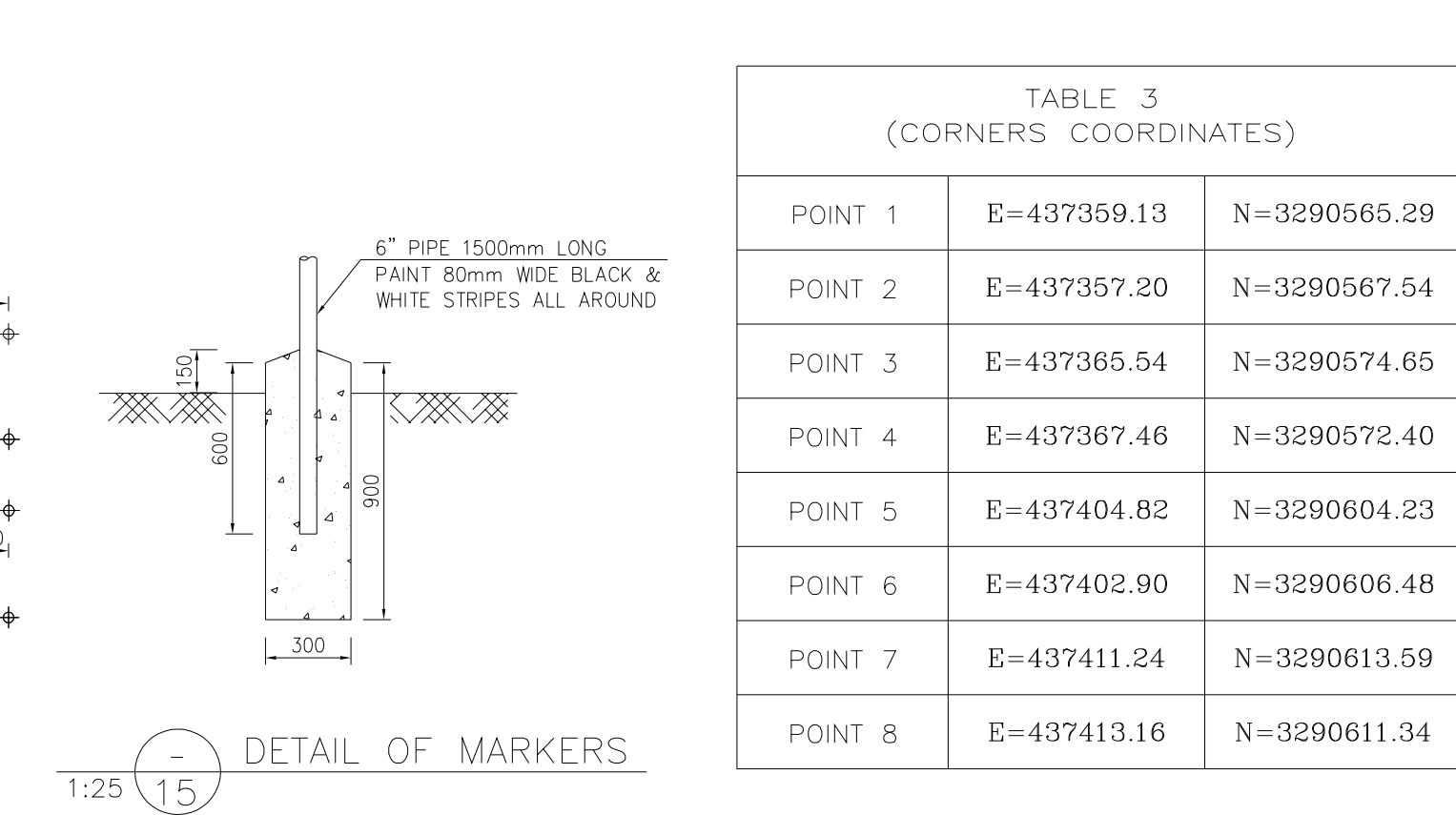
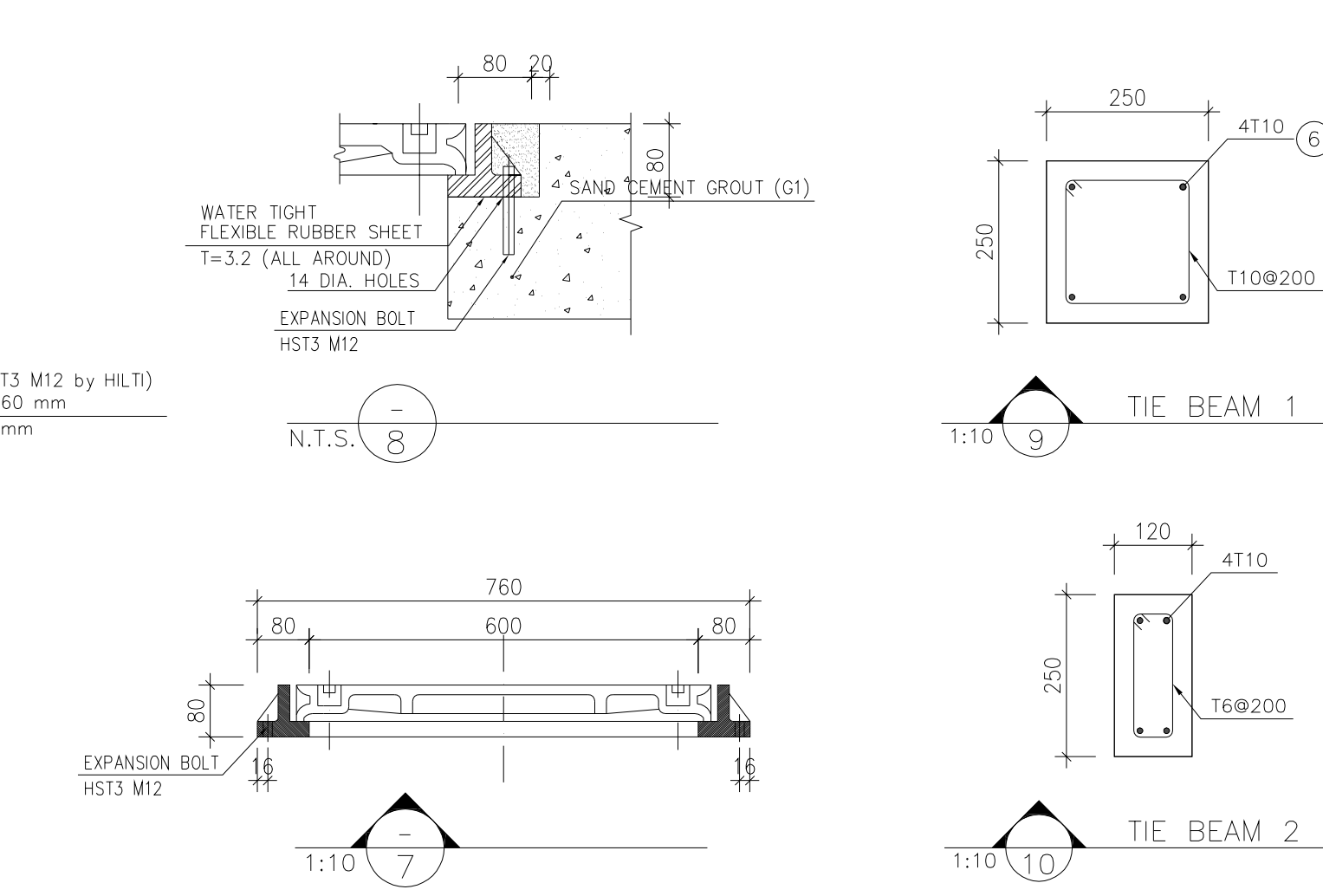
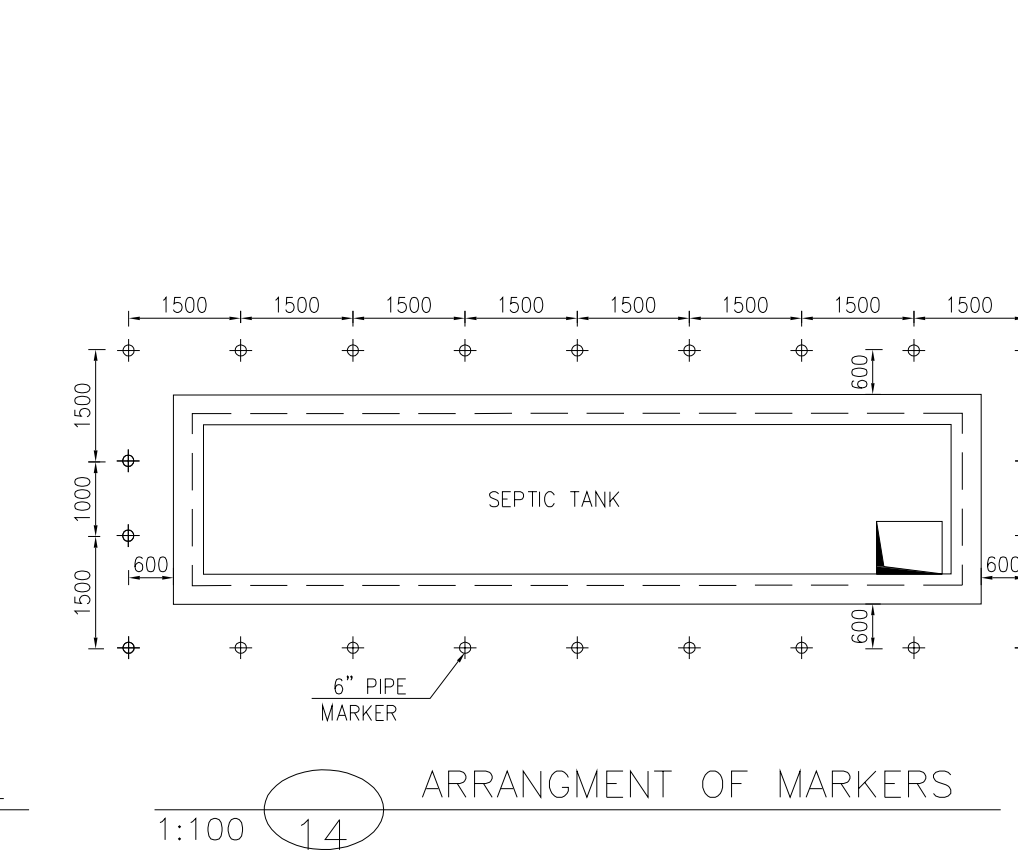
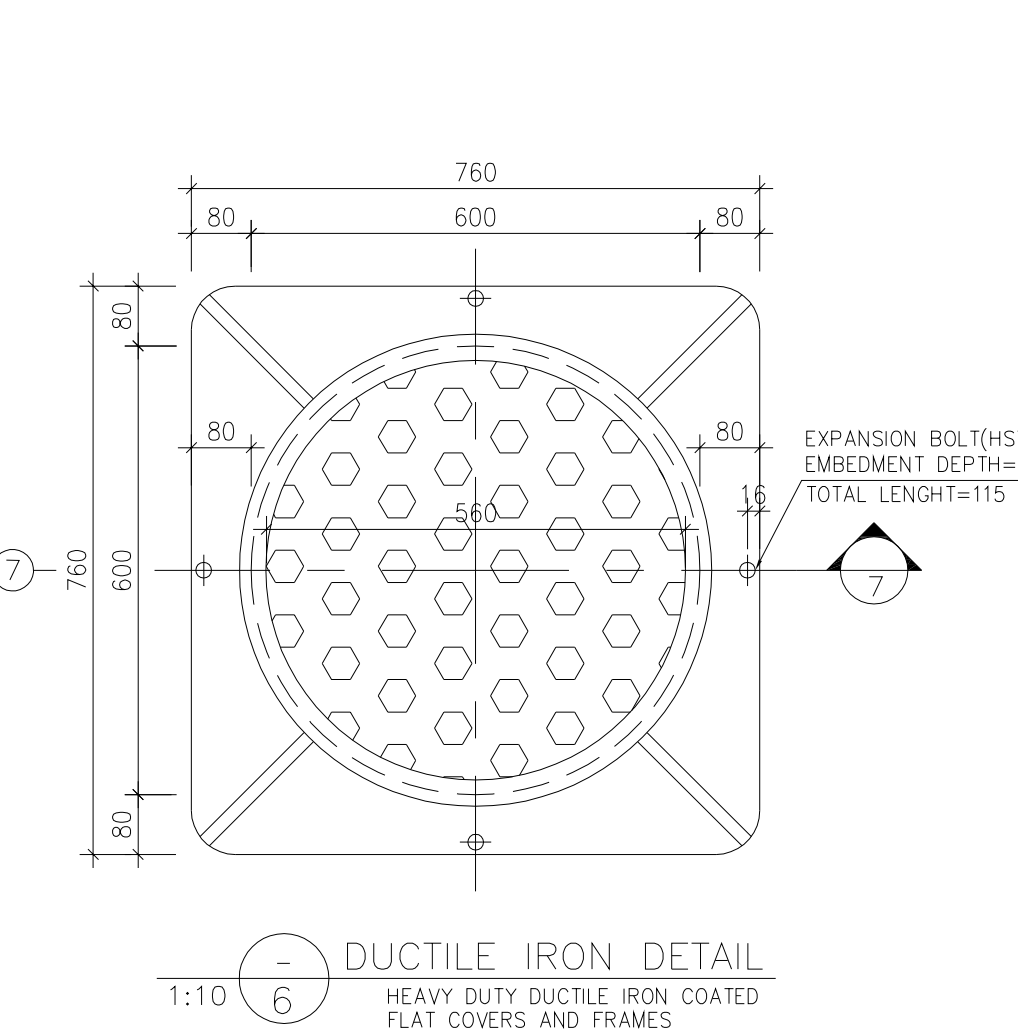
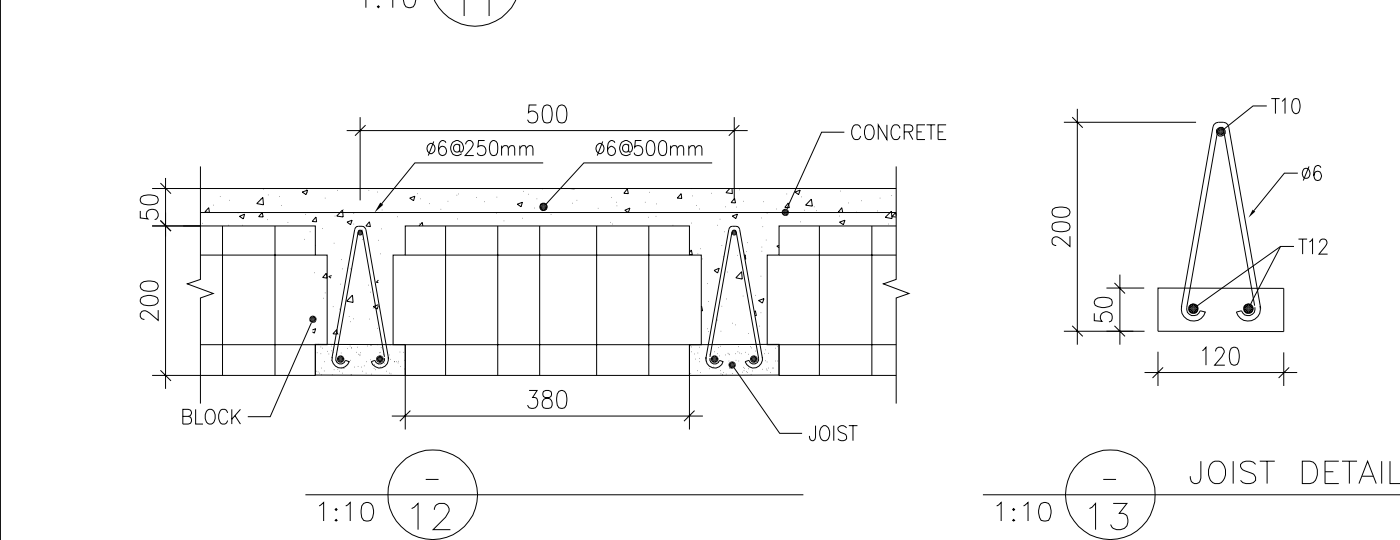
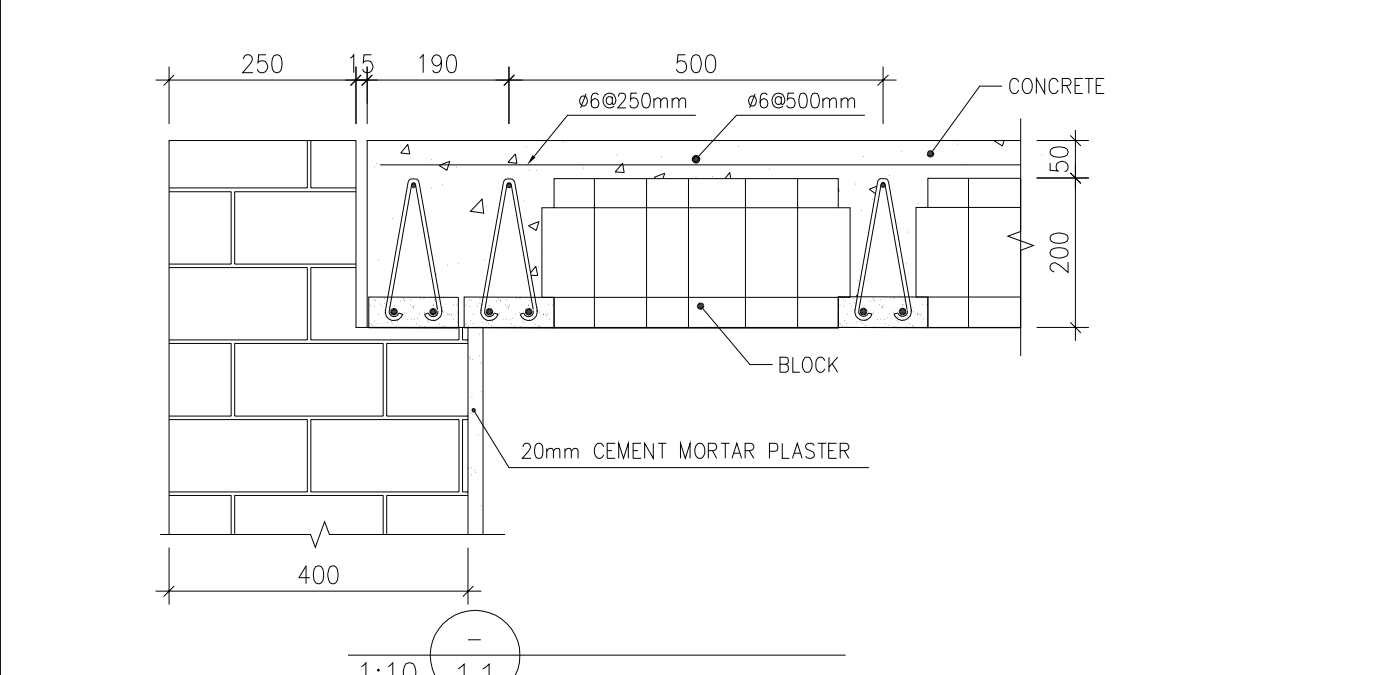
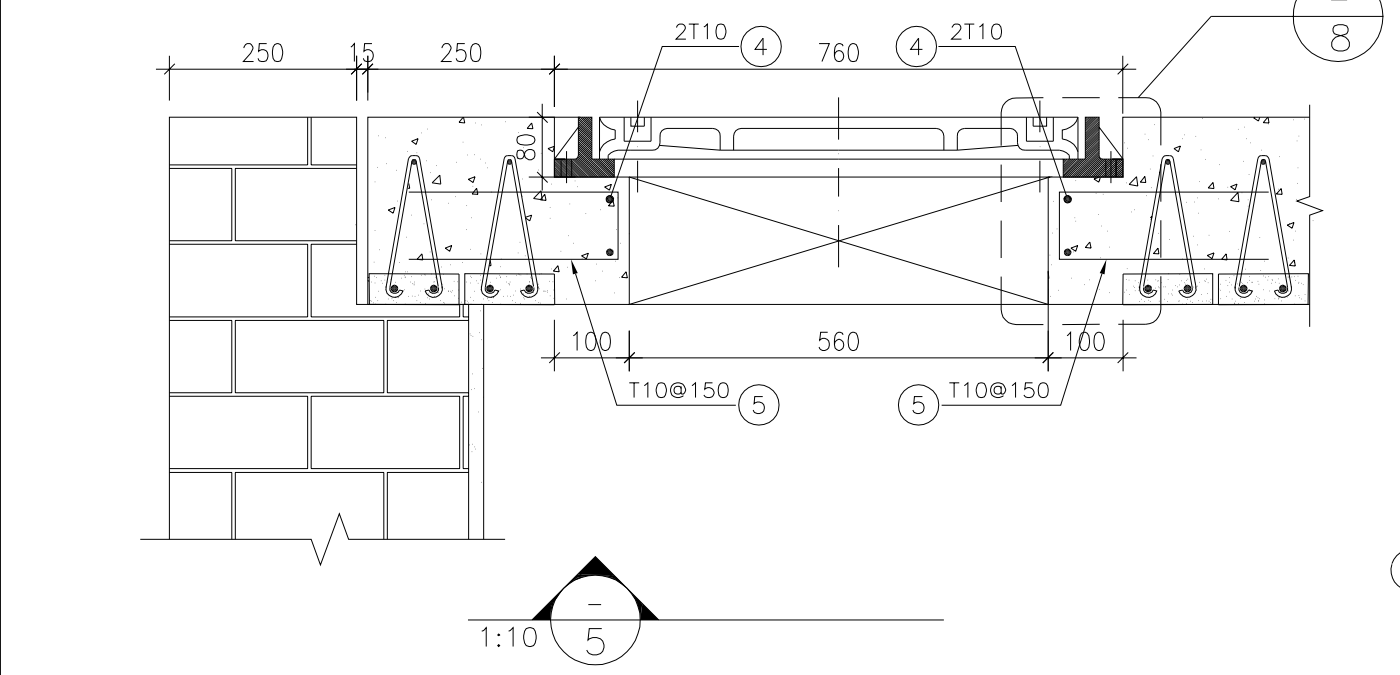
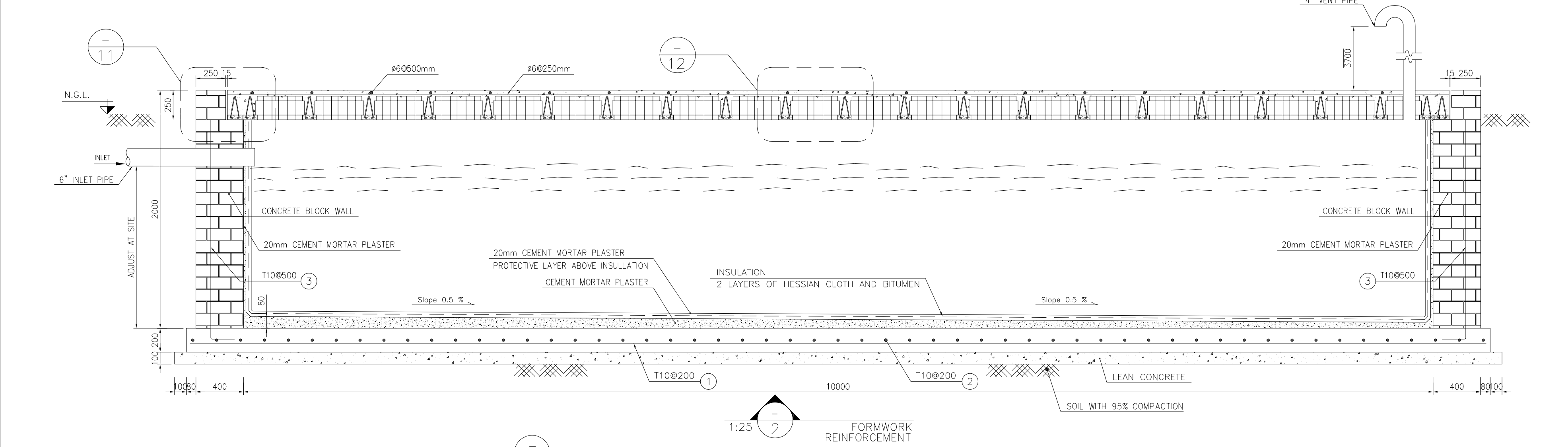
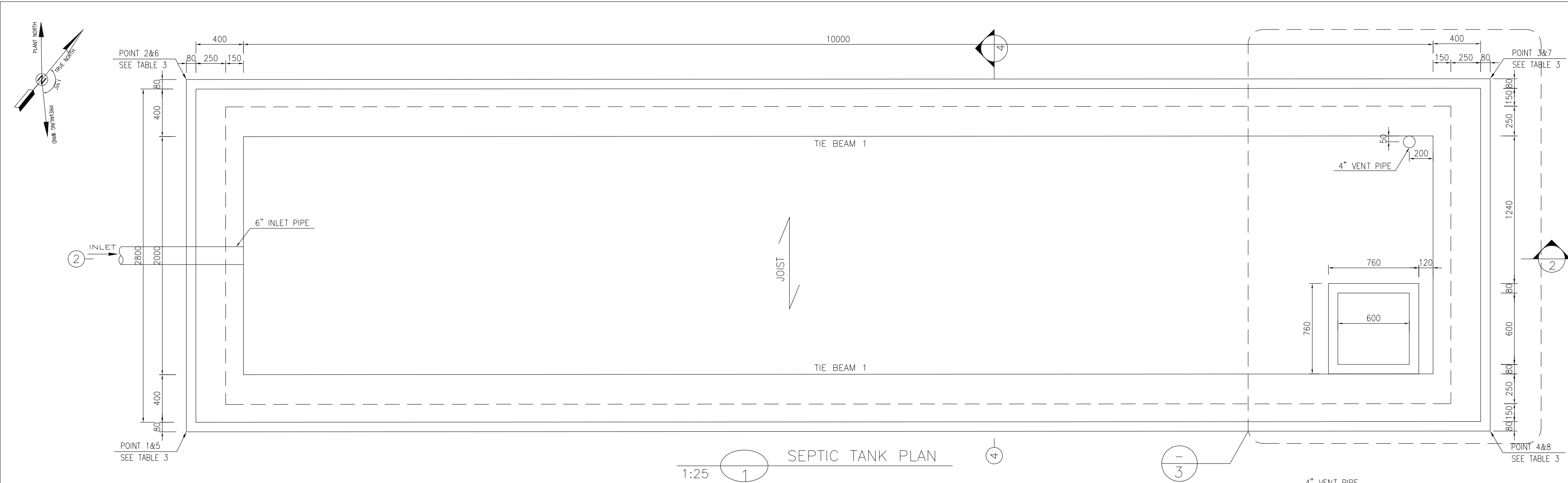
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- 1- ALL COORDINATES ARE IN METER.
- 2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
- 3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
- 4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"Bk-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa (on CYLINDRICAL SPECIMEN)
- 5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"Bk-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa (on CYLINDRICAL SPECIMEN)
- 6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI:3132 AND 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 WATER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS & SHALL BE FOLLOWED ASTM D2499. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION.
- 10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
- 11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID: WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
- 12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.
- 13- JOINT FILLER SHALL BE ELASTIC MATERIAL. POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED.
- 14- THE EMULSION ON CONCRETE EXPOSED WITH SOIL SHOULD BE
B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS. THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640

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	B.O.P.	BOTTOM OF PIPE
	SUB GRADE	R.G.L.	ROUGH GRADING LEVEL
	SLOPE	B.O.CH.	BOTTOM OF CHANNEL
	EXISTING CONCRETE AREA		

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 STRUCTURE	BK-GNRL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT –W0075	BK-W0075-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS –W0075	BK-W0075-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SP-0002





BAR BENDING SCHEDULE - SEPTIC TANK						
Pos	Spec.	Shape	L/A	No.	T10	
1	T10	10800	10.80	15	162.0	
2	T10	2800	2.80	55	154.0	
3	T10	150 1850	2.00	52	104.0	
4	T10	150 600 150	0.90	8	7.20	
5	T10	90 280 280	0.65	20	13.0	
6	T10	10200	10.20	8	81.60	
7	T10	150 150 100	0.80	100	80.0	
TOTAL LENGTH OR AREA (m/m2)					601.80	
UNIT WEIGH (Kg)					0.617	
WEIGHT (Kg)					371.32	
GRAND TOTAL (Kg)					380	

NOTE:
-ABOVE QUANTITIES ARE FOR ONE SLAB.

- NOTES
- ALL COORDINATES ARE IN METER.
 - ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
 - ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
 - ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa (ON CYLINDRICAL SPECIMEN)
 - ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa (ON CYLINDRICAL SPECIMEN)
 - REINFORCING BARS SHALL BE S400 ACCORDING TO: ISRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm²
 - MINIMUM FOUNDATION NET CONCRETE COVER SHALL BE 75 mm.
 - SPECIFICATIONS OF THERMO PLAST ACRYLIC COLOR, BASED ON No.3758 NATIONAL STANDARD CODE:
DENSITY : 4.1-5.1 gr/cm³
THICKNESS : 300-400 MICRON
GLOSS : DULL
SOLID MATERIAL PERCENTAGE BY WEIGHT : 75%±2
SOLID MATERIAL PERCENTAGE BY VOLUME : 48%±2
 - JOINT SEALANT MATERIALS SHALL BE WATER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS & SHALL BE FOLLOWED ASTM D2499. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION.
 - CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
 - GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR(UTM)
VERTICAL DATUM: MSL
 - ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.
 - JOINT FILLER SHALL BE ELASTIC MATERIAL. POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED.
 - THE EMULSION ON CONCRETE EXPOSED WITH SOIL SHOULD BE B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS. THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640
- ±0.00 = +26.00(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	B.O.P. BOTTOM OF PIPE
	SUB GRADE	R.G.L. ROUGH GRADING LEVEL
	SLOPE	B.O.CH. BOTTOM OF CHANNEL
	EXISTING CONCRETE AREA	

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 - W007S	BK-W007S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS - W007S	BK-W007S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SP-0002

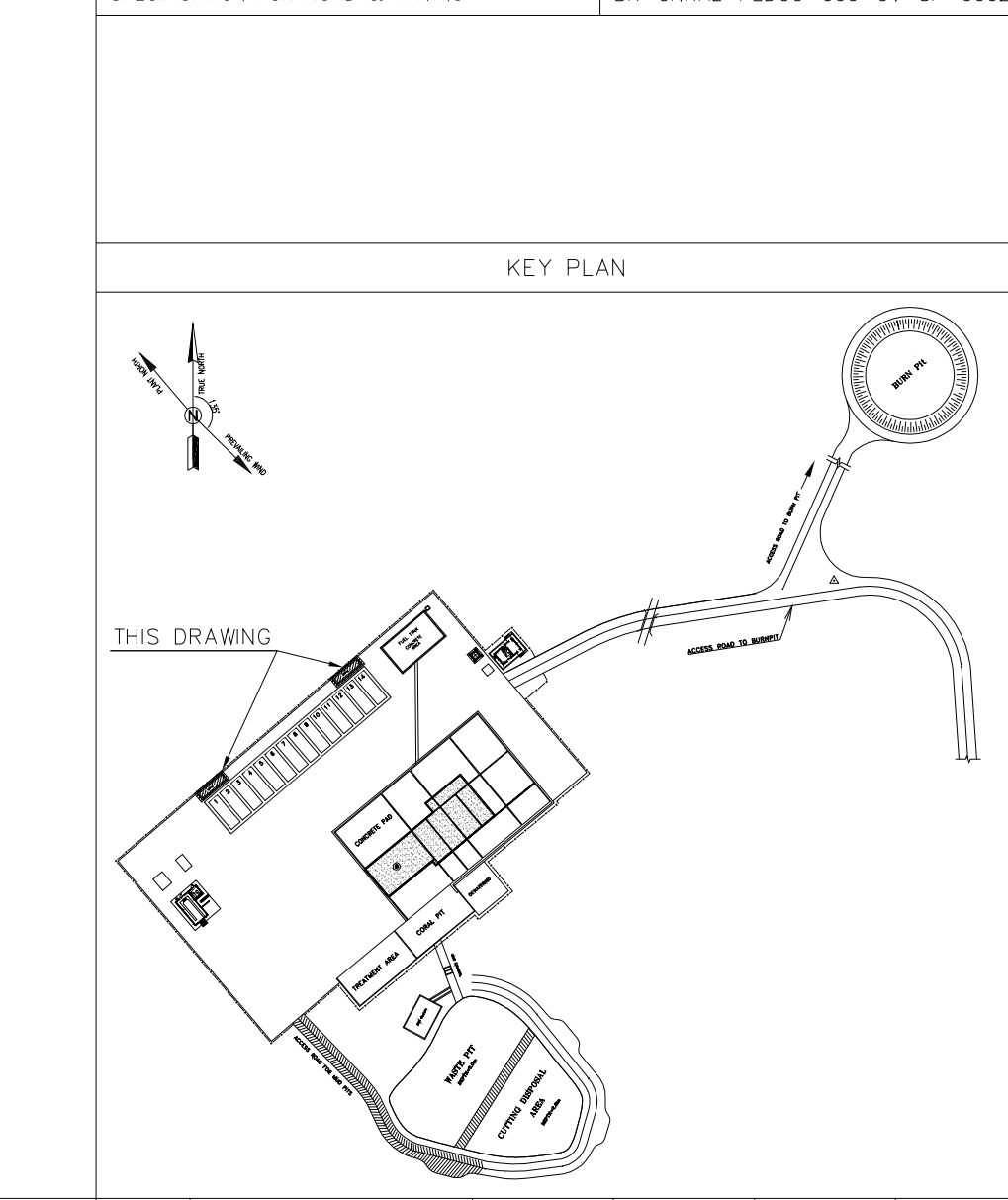


TABLE 3 (CORNERS COORDINATES)		
POINT 1	E=437359.13	N=3290565.29
POINT 2	E=437357.20	N=3290567.54
POINT 3	E=437365.54	N=3290574.65
POINT 4	E=437367.46	N=3290572.40
POINT 5	E=437404.82	N=3290604.23
POINT 6	E=437402.90	N=3290606.48
POINT 7	E=437411.24	N=3290613.59
POINT 8	E=437413.16	N=3290611.34

	***	*****	**, **	***, ****	**, **
	REV.	DESCRIPTION	BY	DATE	BY
	**, **		CHECKED		DATE
				REV. APPR.	
AUT.	اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.				
ES	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				
	W007S WHF & EXTENSION OF BINAK B/C				
	DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT EN
	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-W007S-PEDCO-110-CV-PY-0002		5 OF 26	DOO	053-073-9184	F	4	S	708048	5	DOO

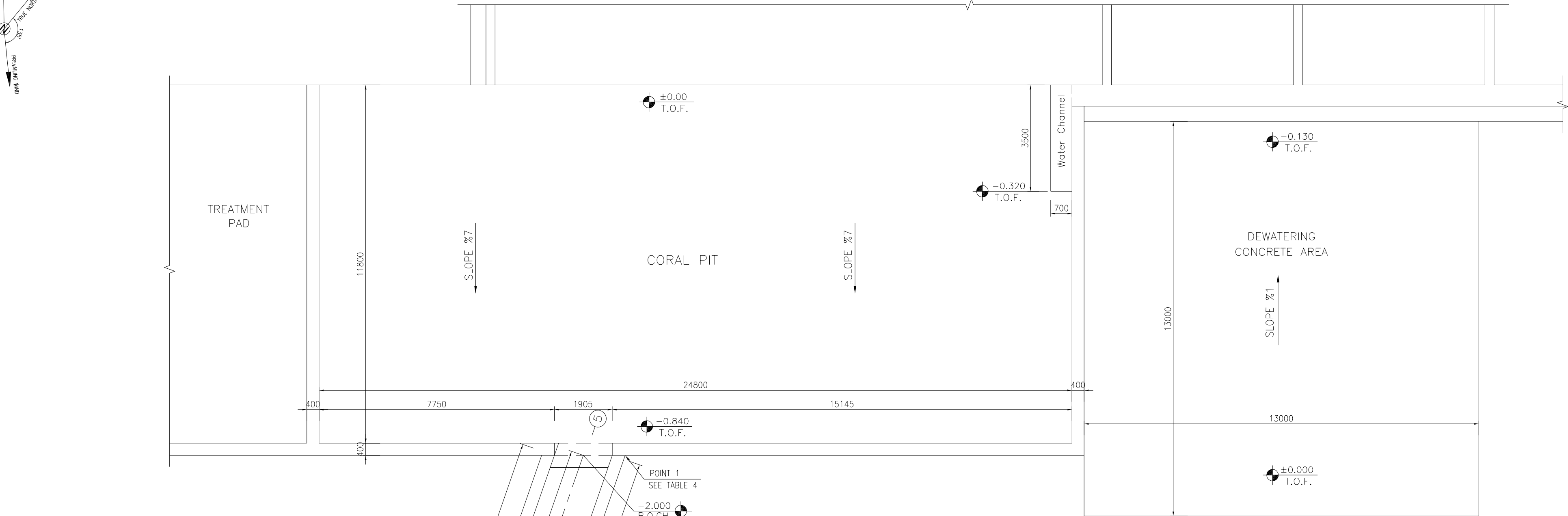
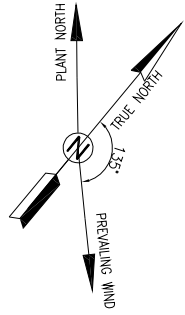
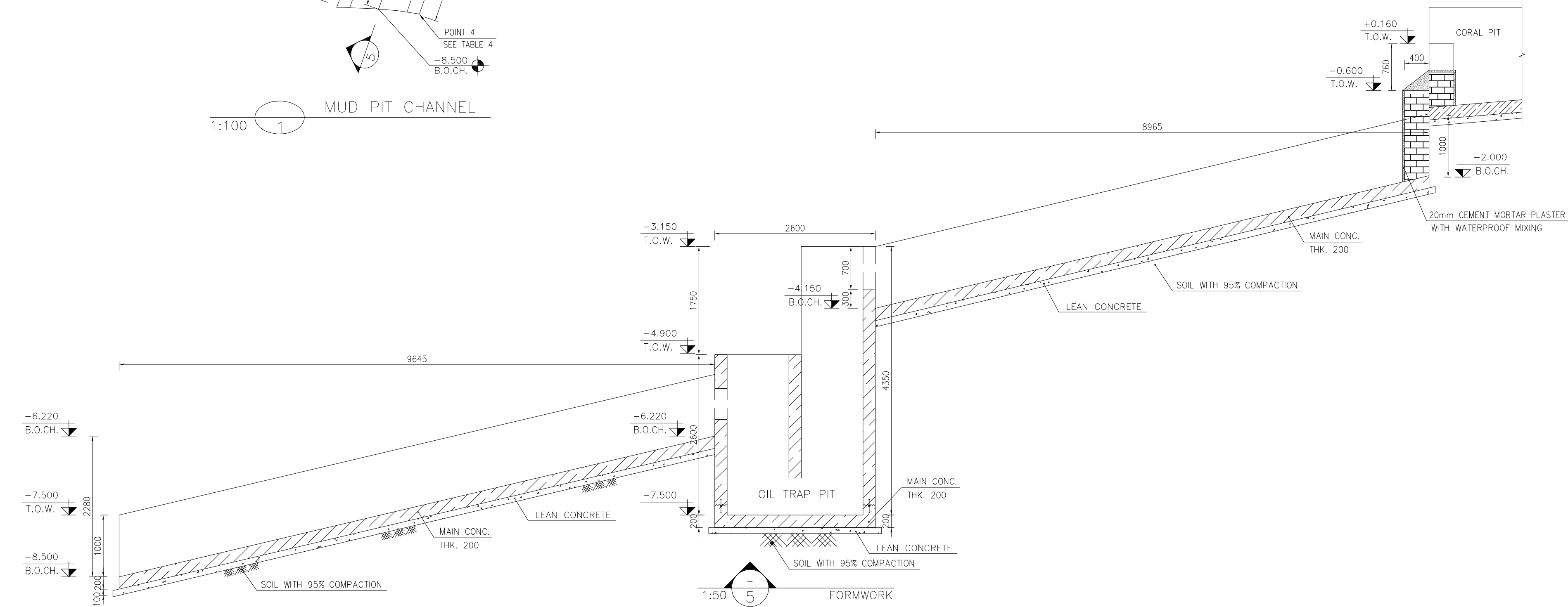
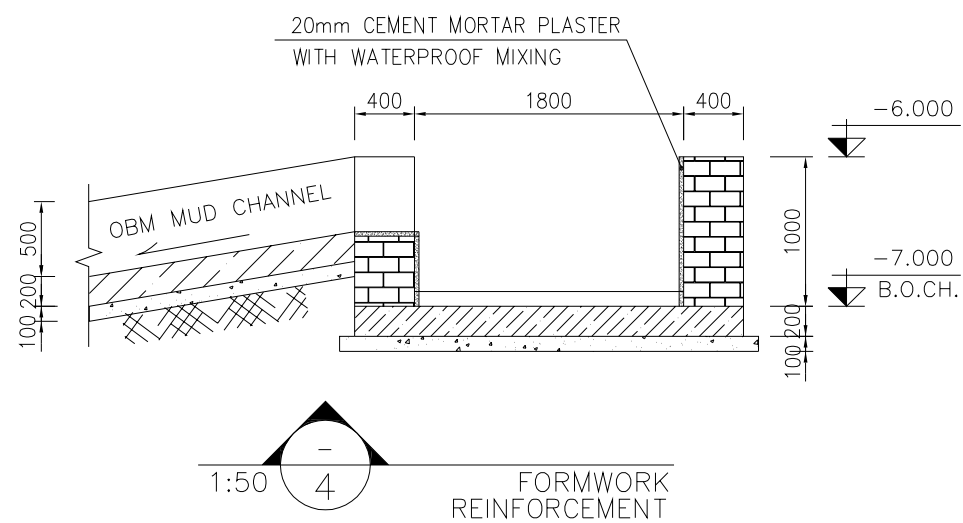
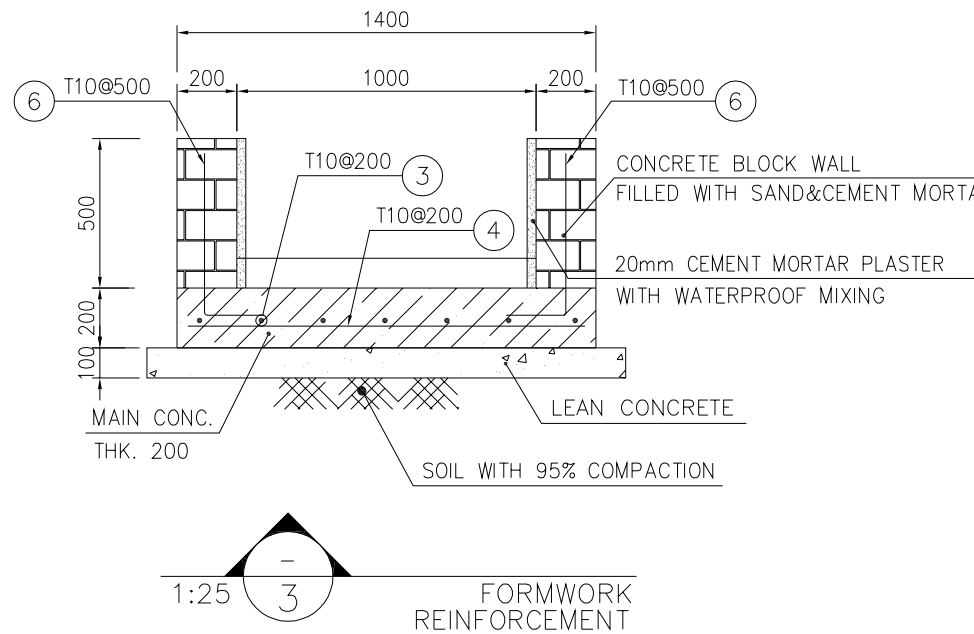
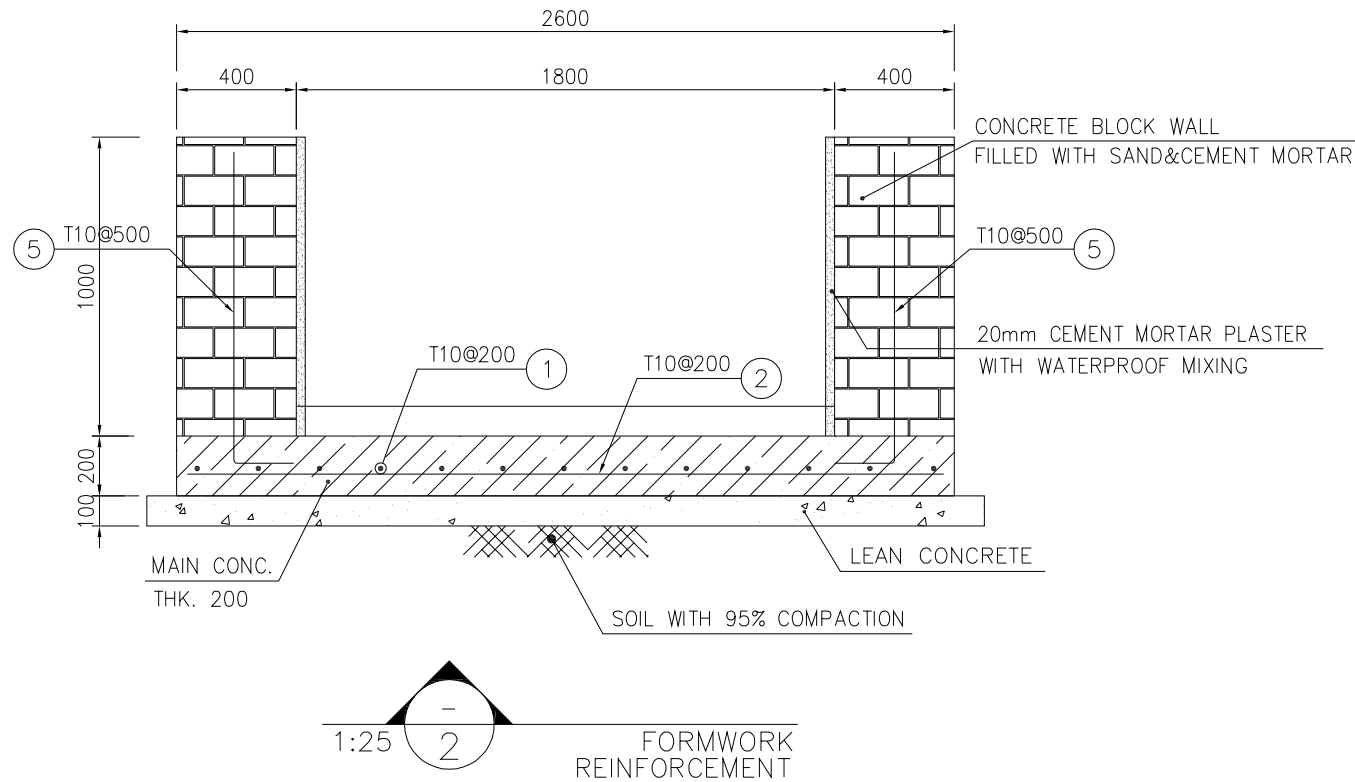
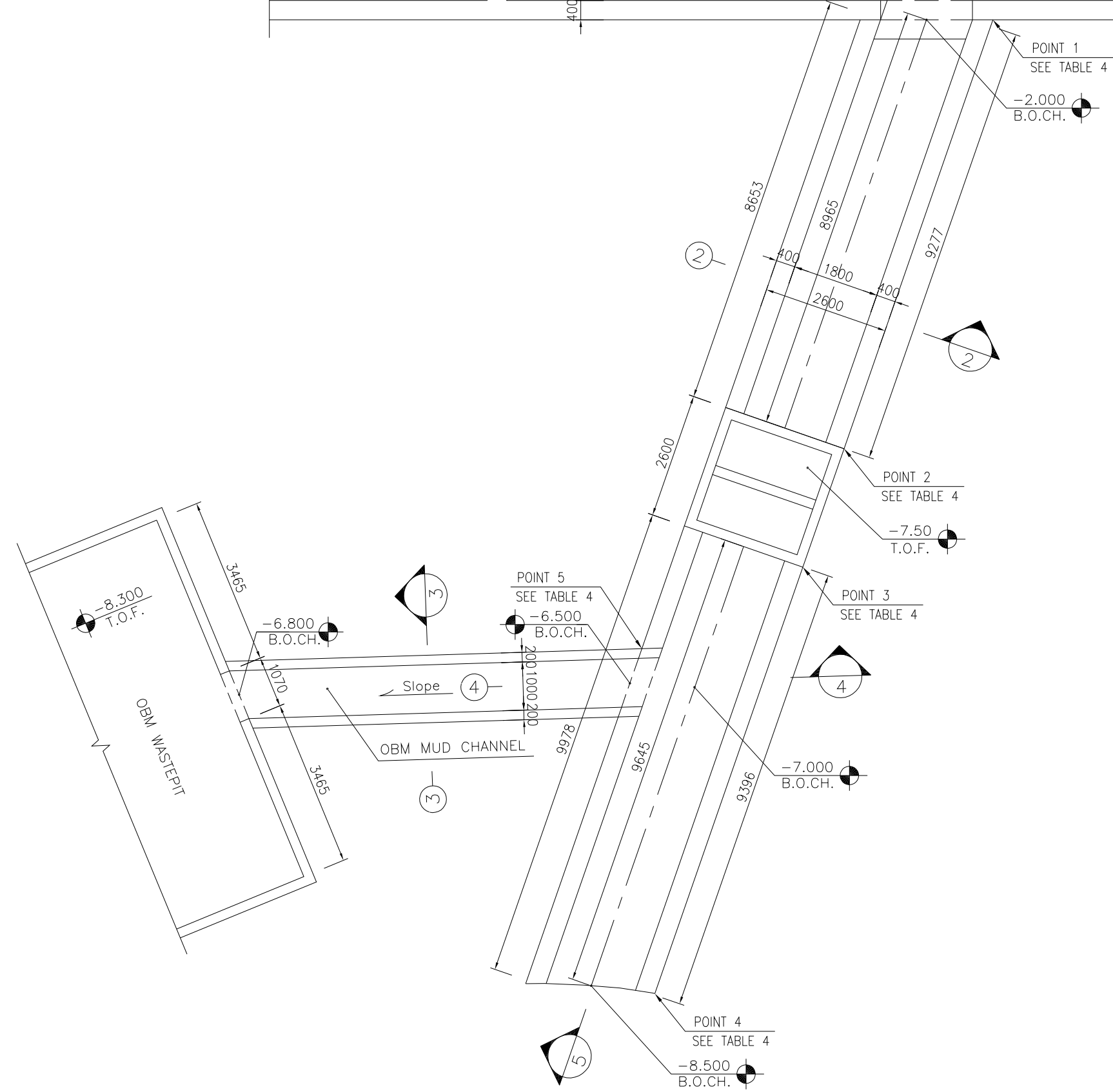


TABLE 4 (CORNERS COORDINATES)		
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POINT 2	E=437442.92	N=3290509.44
POINT 3	E=437443.84	N=3290507.01
POINT 4	E=437447.12	N=3290498.24
POINT 5	E=437442.35	N=3290503.58

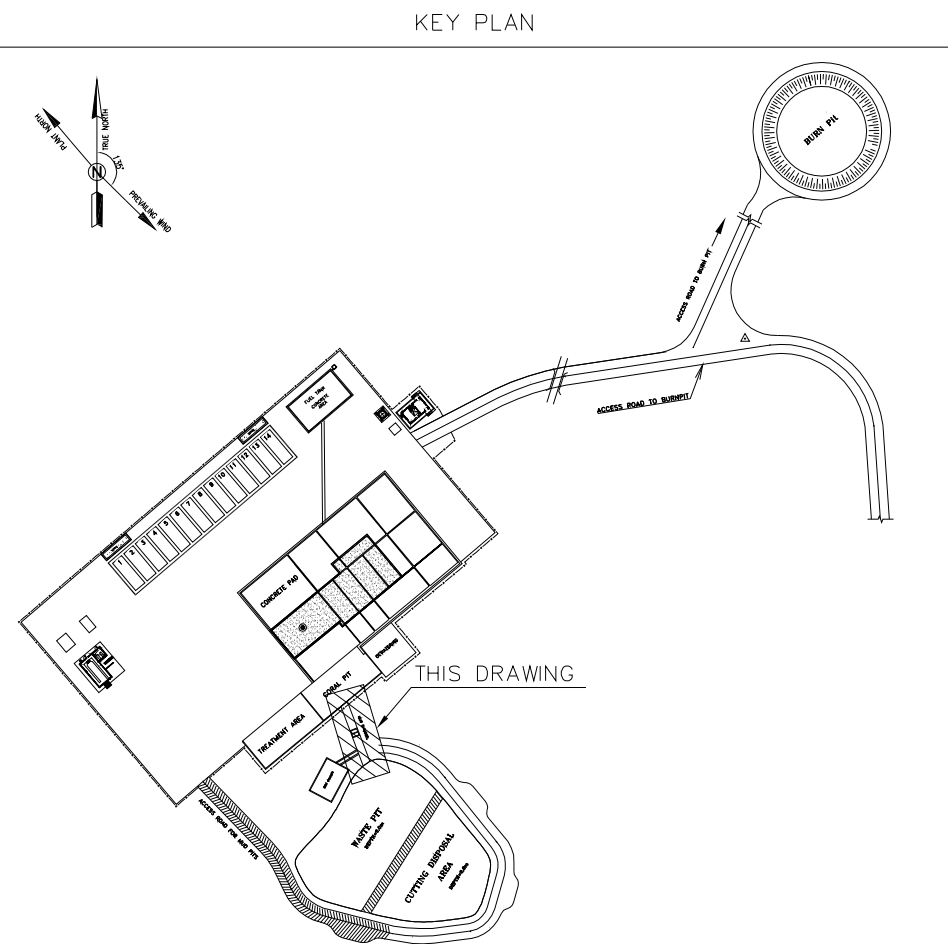
BAR BENDING SCHEDULE - SEPTIC TANK					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	11000	11.00	26	286.0
2	T10	2450	2.45	95	232.75
3	T10	8500	8.50	7	59.50
4	T10	1250	1.25	42	52.50
5	T10	150 1050	1.20	80	96.0
6	T10	150 550	0.70	34	23.80
TOTAL LENGTH OR AREA (m/m2)					750.55
UNIT WEIGTH (Kg)					0.617
WEIGTH (Kg)					463.09
GRAND TOTAL (Kg)					470



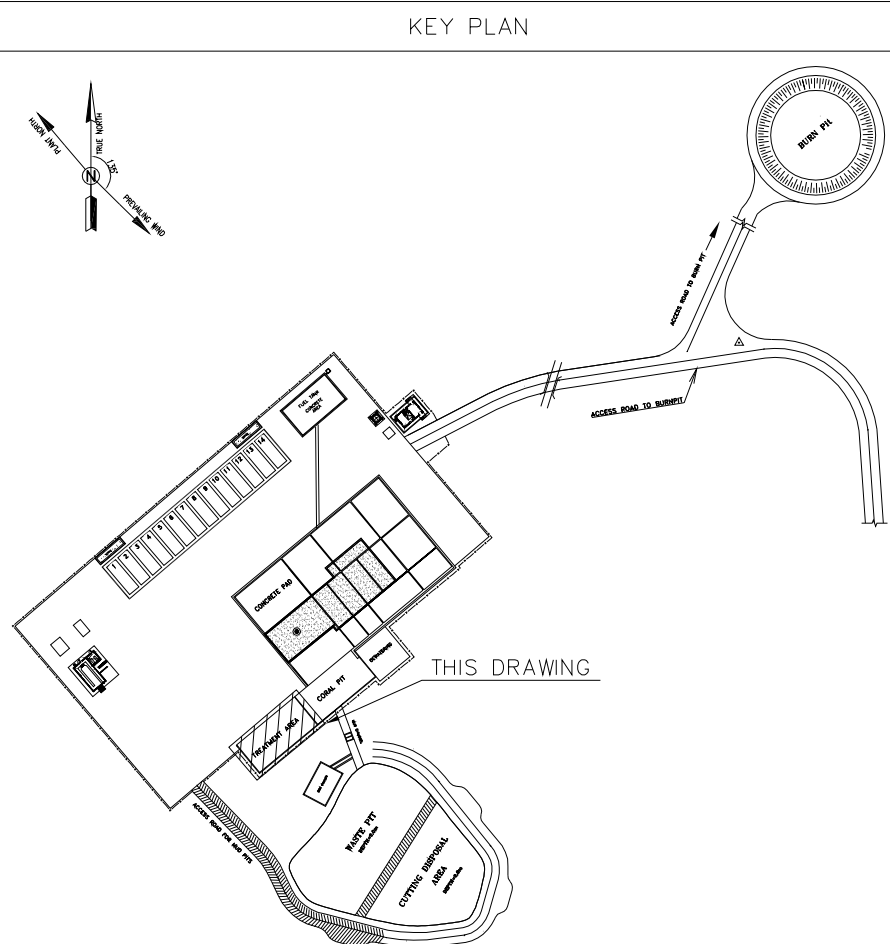
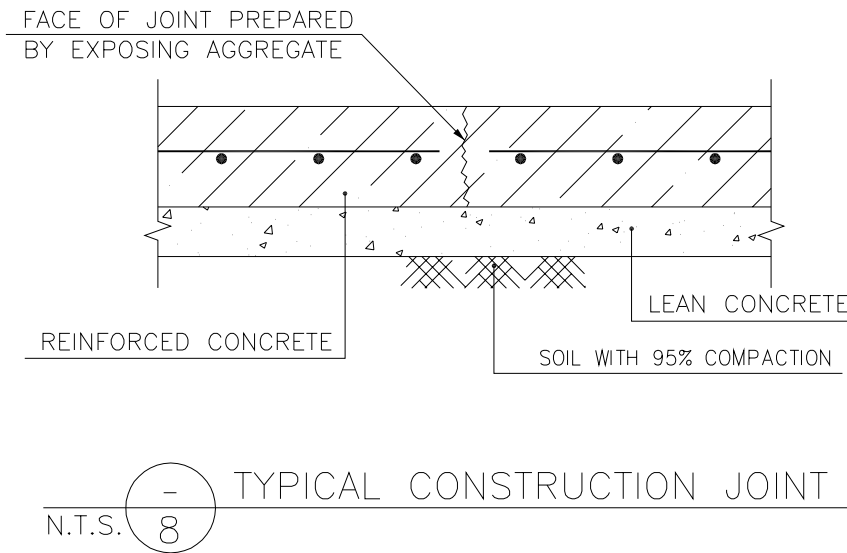
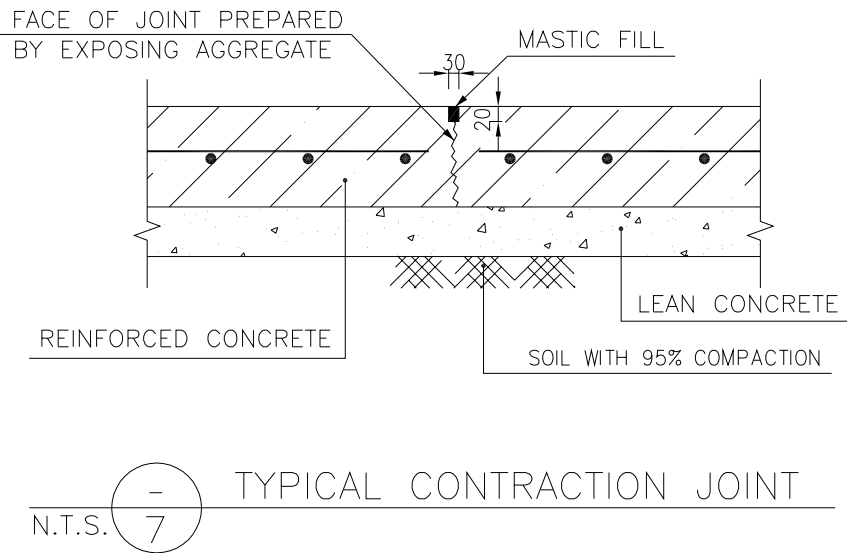
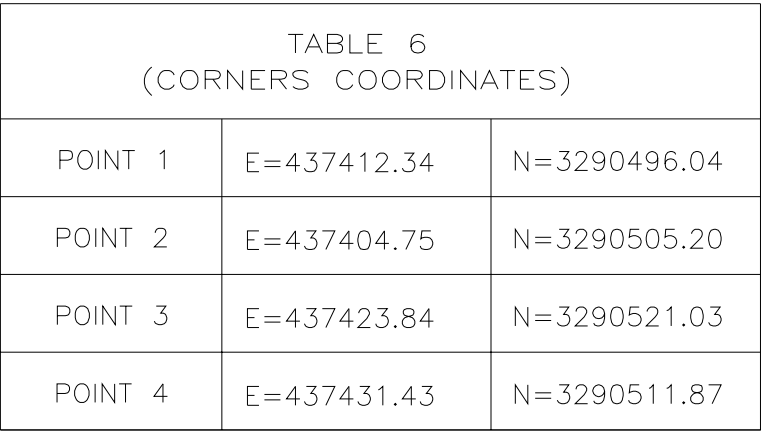
- NOTES
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 - 2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
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 - 4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE 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: ISIRI 3132 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 WATER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS & SHALL BE FOLLOWED ASTM D2499. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION.
 - 10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
 - 11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW: HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39 ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84) MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM) VERTICAL DATUM: MSL
 - 12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE 2.
 - 13- JOINT FILLER SHALL BE ELASTIC MATERIAL. POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED.
 - 14- THE EMULSION ON CONCRETE EXPOSED WITH SOIL SHOULD BE B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS. THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640

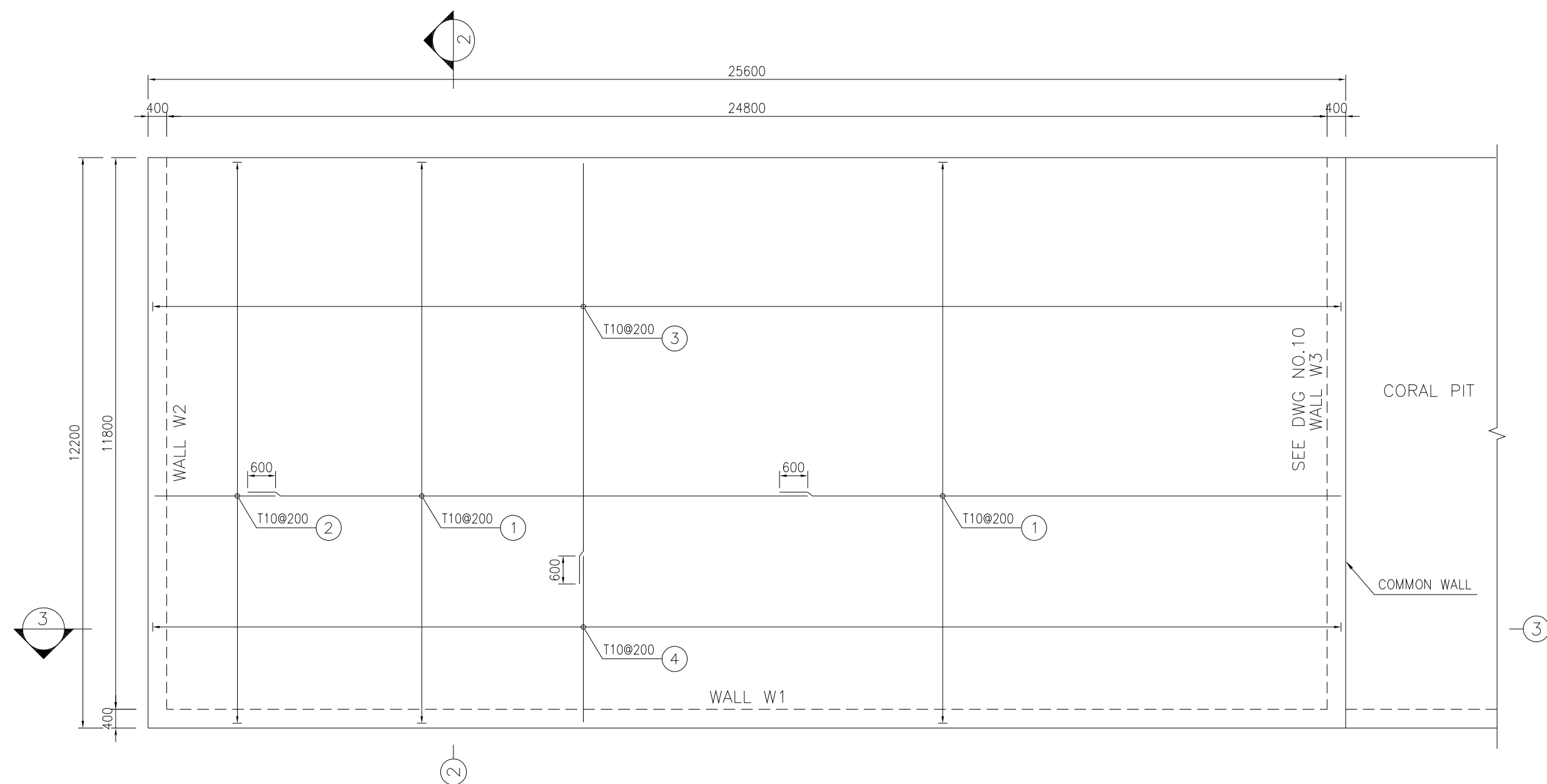
LEGEND AND ABBREVIATION			
	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
	GRAVEL	B.O.P.	BOTTOM OF PIPE
	SUB GRADE	R.G.L.	ROUGH GRADING LEVEL
	SLOPE	B.O.CH.	BOTTOM OF CHANNEL
	EXISTING CONCRETE AREA		

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 - W007S	BK-W007S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS - W007S	BK-W007S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SP-0002

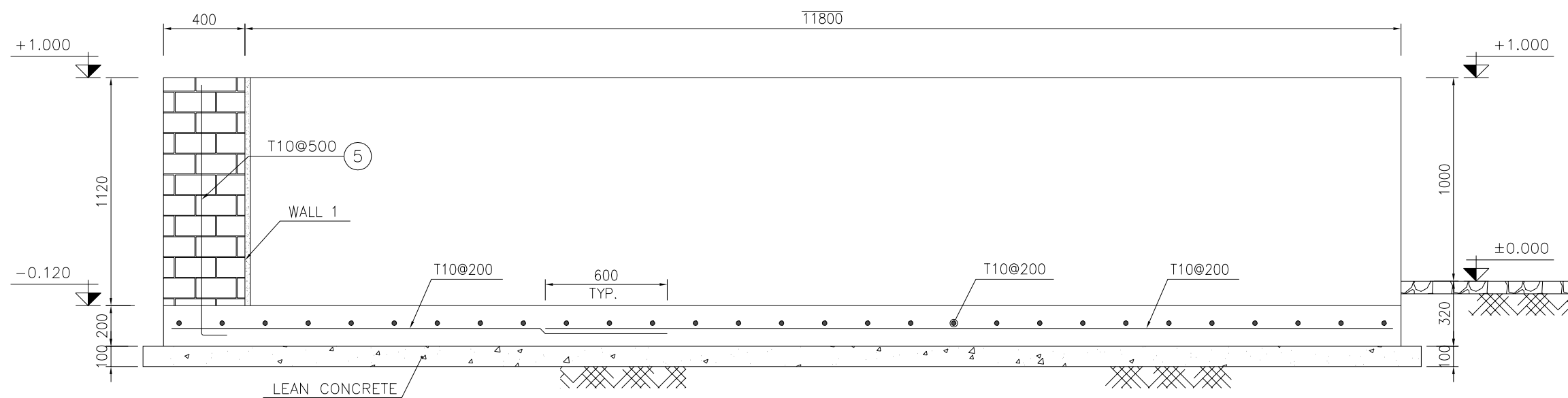


DOO	JUL.2023	IFC	R. BERLOUDI	M.FAKHARIAN	A.M.MOHSENI	***	REV.	DESCRIPTION	BY	DATE	BY	DATE
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	REV.	DESCRIPTION	BY	DATE	BY	DATE
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W007S WHF & EXTENSION OF BINAK B/C							CHECKED					
PROJECT NO.: 971020							REV. APPR.					
EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES							EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY					
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W007S MUD PIT CHANNEL FORMWORK & REINFORCEMENT PLAN-SECTION							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED					
SCALE: AS SHOWN							APPROVED FOR CONSTRUCTION					
SHEET NO. 6 OF 26							BY: DATE:					
BUDGET REF. 053-073-9184							LOCATION SIZE CLASS SERIAL NO. SHEET REVISION					
F 4 S 708048 6 DOO												

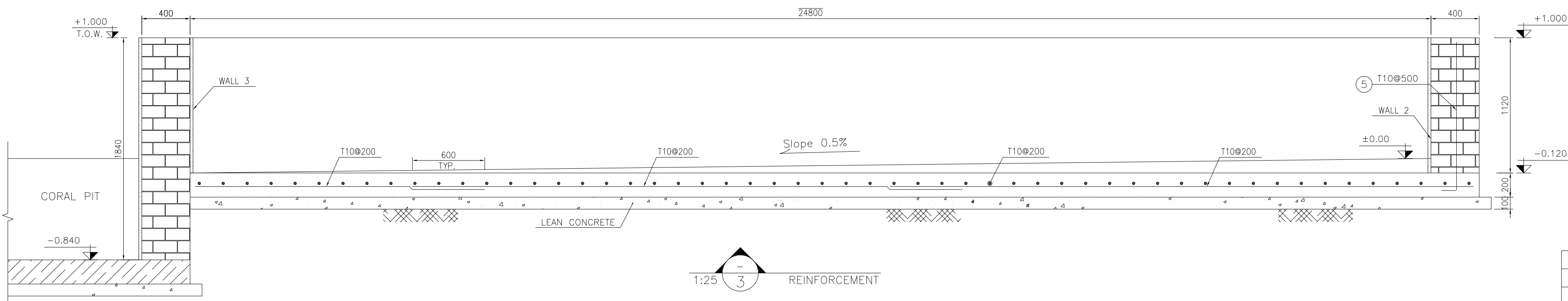
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1:100  TREATMENT PAD PLAN
REINFORCEMENT

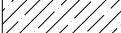
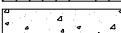
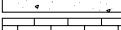
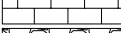


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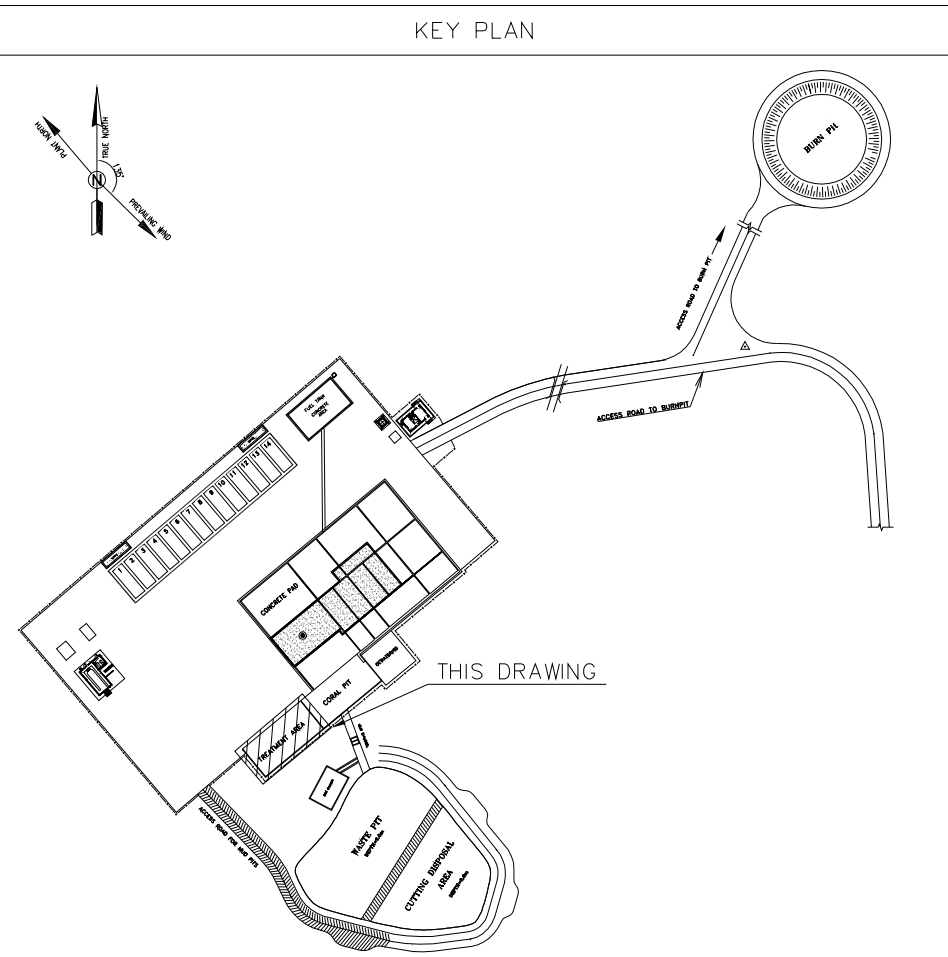


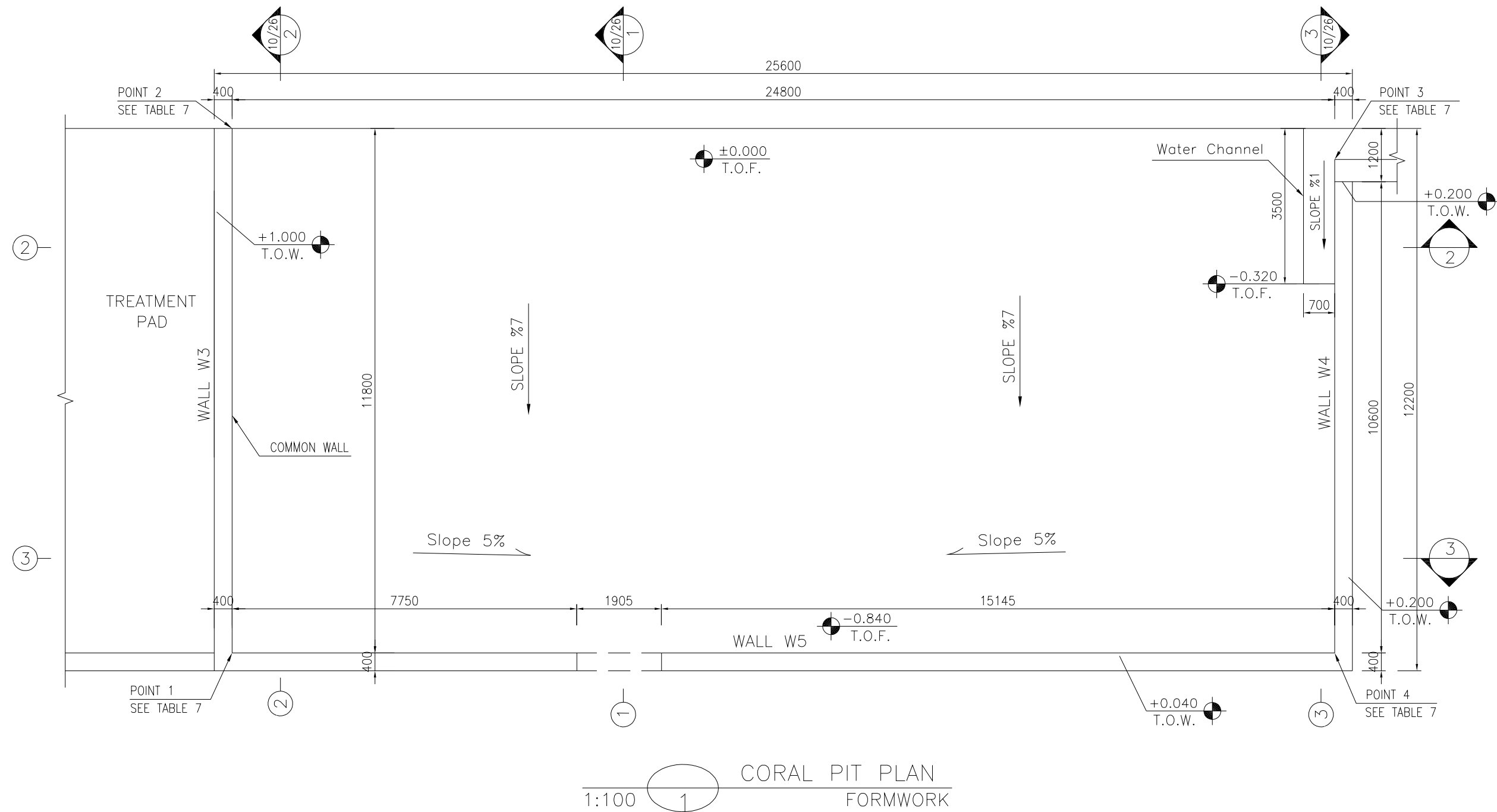
1:25 REINFORCEMENT

- 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-QNRL-PEDCO-000-ST-SP-0007", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(N CYLINDRICAL SPECIMEN)
- 5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-QNRL-PEDCO-000-ST-SP-0007", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(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 : 1.41-5.1 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 WATER-RESISTANT POLYURETHANE OR SILICONE AS "ASTM D1633 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS & SHALL BE FOLLOWED ASTM D2499. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION.
- 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
- 12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.
- 13- JOINT FILLER SHALL BE ELASTIC MATERIAL. POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED.
- 14- THE EMULSION ON CONCRETE EXPOSED WITH SOIL SHOULD BE
B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS. THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640

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	B.O.P. BOTTOM OF PIPE
	SUB GRADE	R.G.L. ROUGH GRADING LEVEL
	SLOPE	B.O.CH. BOTTOM OF CHANNEL
	EXISTING CONCRETE AREA	

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 –W0075	BK-W0075-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS –W0075	BK-W0075-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SP-0000

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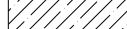
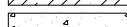
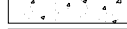
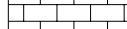
1:100 1 FORMWORK



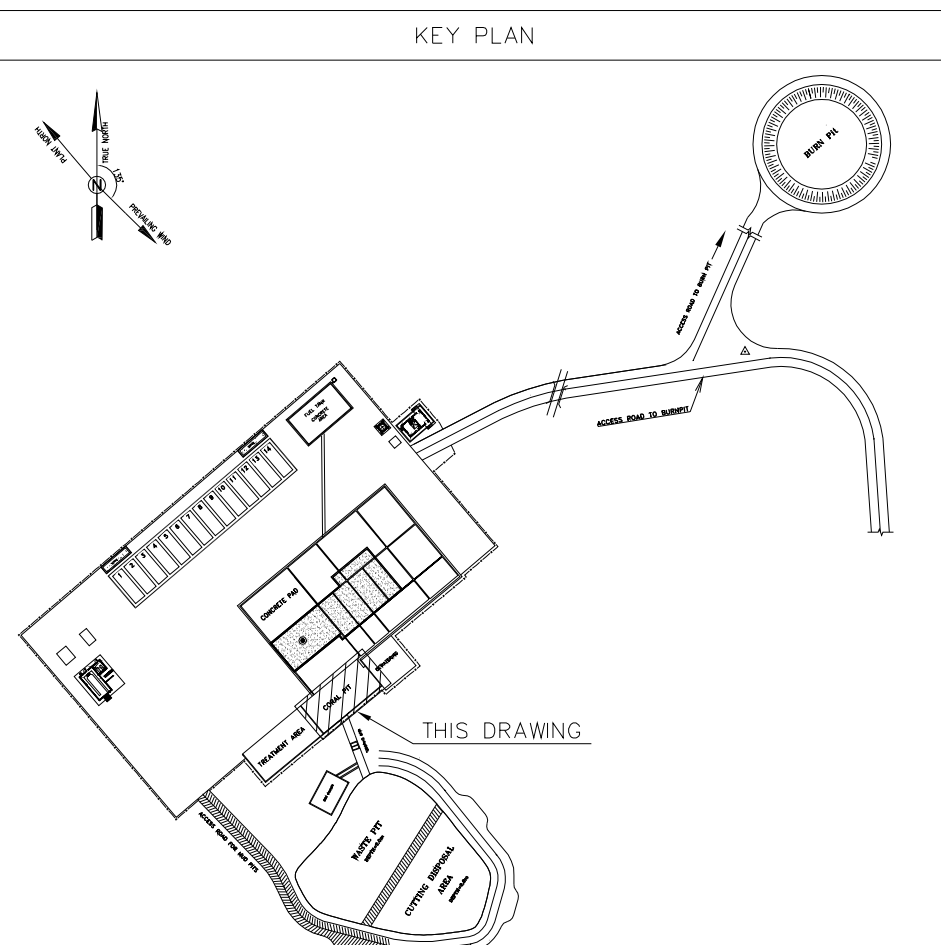
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POINT 2	€=437424.14	N=3290521.29
POINT 3	€=437443.68	N=3290536.58
POINT 4	€=437450.89	N=3290527.88

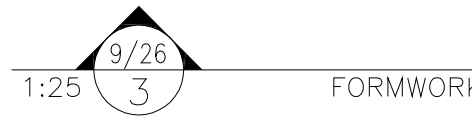
- NOTES**
- 1- ALL COORDINATES ARE IN METER.
 - 2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
 - 3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION
 - 4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"Bk-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa(CN CYLINDRICAL SPECIMEN)
 - 5-ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"Bk-GNRL-PEDCO-000-ST-SP-0001",28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa(CN CYLINDRICAL SPECIMEN)
 - 6- REINFORCING BARS SHALL BE 5400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE STRENGTH 450 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 WATER-RESISTANT POLYURETHANE OR SILICONE C54 AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS & SHALL BE FOLLOWED ASTM D4999. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION.
 - 10-CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
 - 11-GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM Zone 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION : UNIVERSAL TRANSVERSE MERCATOR(UTM)
VERTICAL DATUM: MSL
 - 12-ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.
 - 13- JOINT FILLER SHALL BE ELASTIC MATERIAL POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED.
 - 14- THE EMULSION ON CONCRETE EXPOSED WITH SOIL SHOULD BE B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS, THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640

$$\pm 0.00 = +26.00(\text{R.G.L.})\text{MSL}$$

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

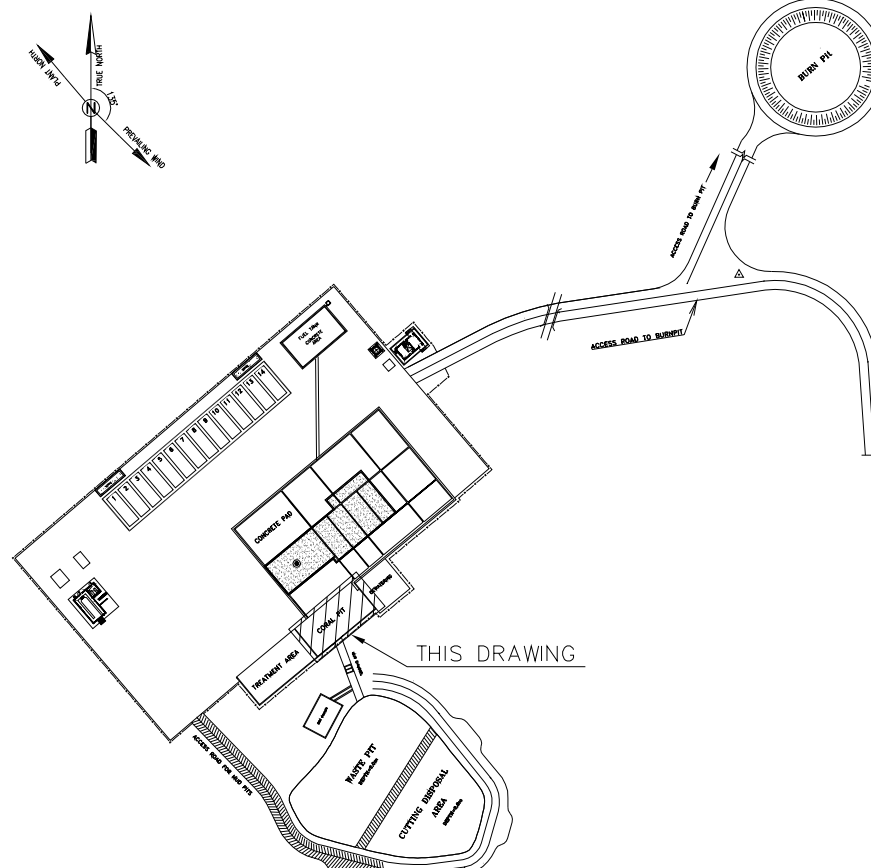
REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR FENCE & GATE	BK-GNRL-PEDCO-000-CV-SP-0003
GENERAL NOTES – STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0011
GENERAL NOTES – REINFORCED CONCRETE STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0012
GENERAL CIVIL LAYOUT – W0075	BK-W0075-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS – W0075	BK-W0075-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SP-0002

[illegible]


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	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	B.O.P.	BOTTOM OF PIPE
	SUB GRADE	R.G.L.	ROUGH GRADE LEVEL
	SLOPE	B.O.CH.	BOTTOM OF CHANNEL
	EXISTING CONCRETE AREA		

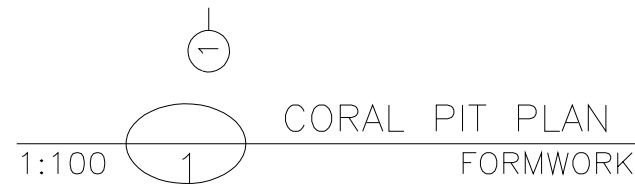
SPECIFICATION FOR FENCE & GATE	BK-GNRL-PEDCO-000-CV-SP-0001
GENERAL NOTES - STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0001
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0001
GENERAL CIVIL LAYOUT - W0075	BK-W0075-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS - W0075	BK-W0075-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0001
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0004
SPECIFICATION FOR EARTH WORK	BK-GNRL-PEDCO-000-CV-SP-0001
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SP-0001



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

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NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

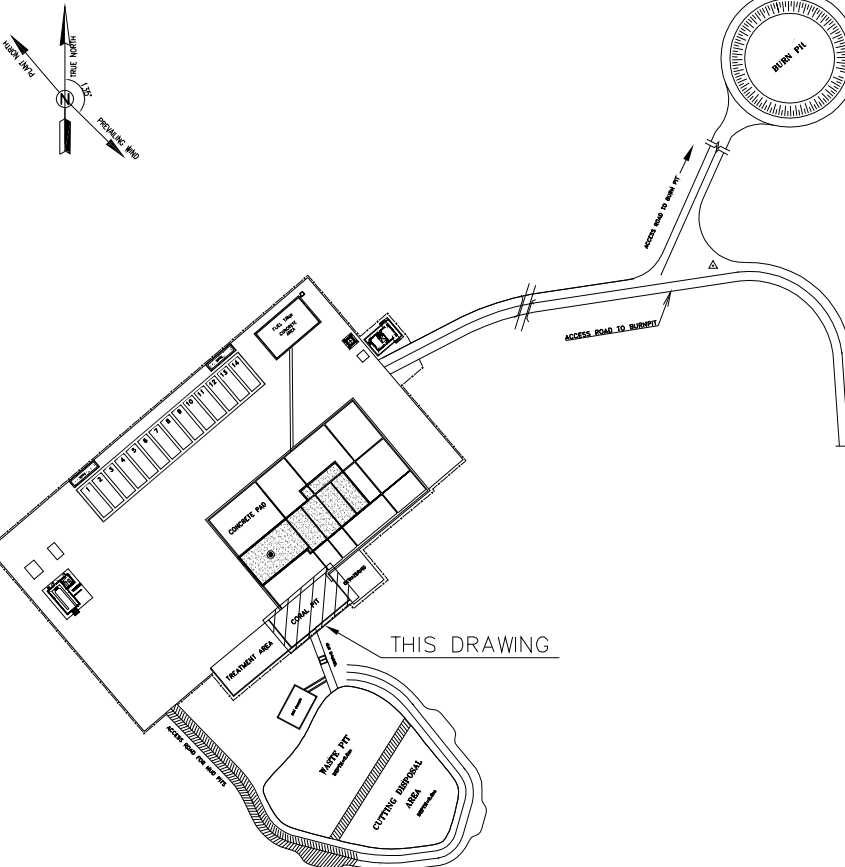


BAR BENDING SCHEDULE – TREATMENT PAD

- $$\pm 0.00 = +26.00(\text{R.G.L.})\text{MSL}$$

	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	B.O.P.	BOTTOM OF PIPE
	SUB GRADE	R.G.L.	ROUGH GRAVEL LEVEL
	SLOPE	B.O.CH.	BOTTOM OF CHANNEL
	EXISTING CONCRETE AREA		

SPECIFICATION FOR FENCE & GATE	BK-GNRL-PEDCO-000-CV-SP-000-000-000-000
GENERAL NOTES - STEEL STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-000-000-000-000
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRL-PEDCO-000-SC-DW-000-000-000-000
CIVIL LAYOUT - W007S	BK-W007S-PEDCO-110-CV-PY-0001
GRADING PLANS - W007S	BK-W007S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-001-000-000-000
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-004-000-000-000
SPECIFICATION FOR EARTH WORK	BK-GNRL-PEDCO-000-CV-SP-004-000-000-000
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SP-002-000-000-000

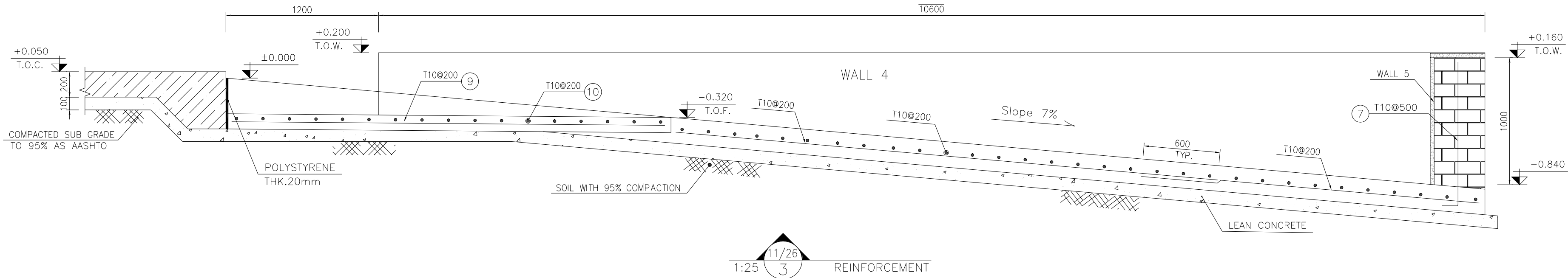
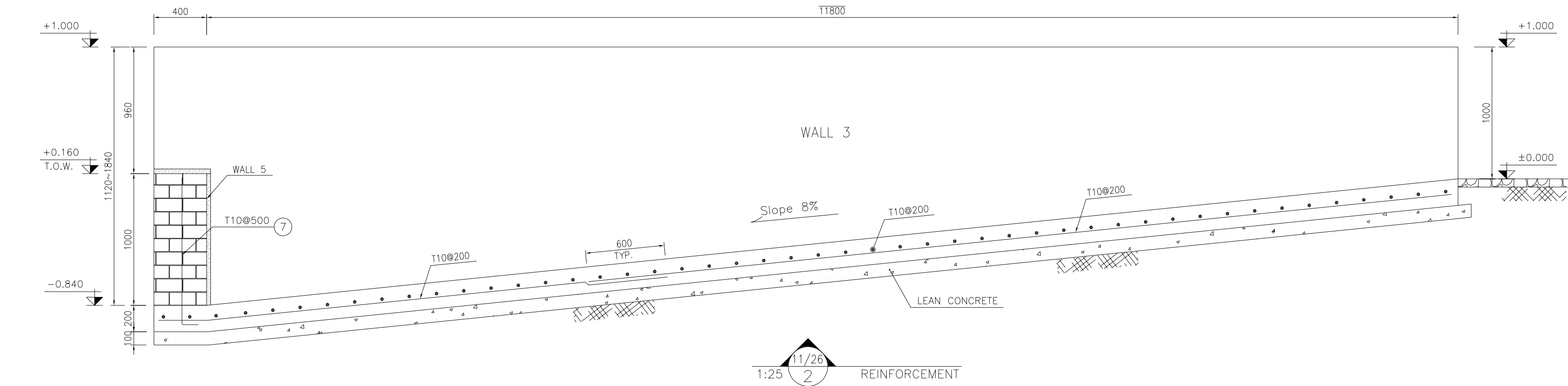
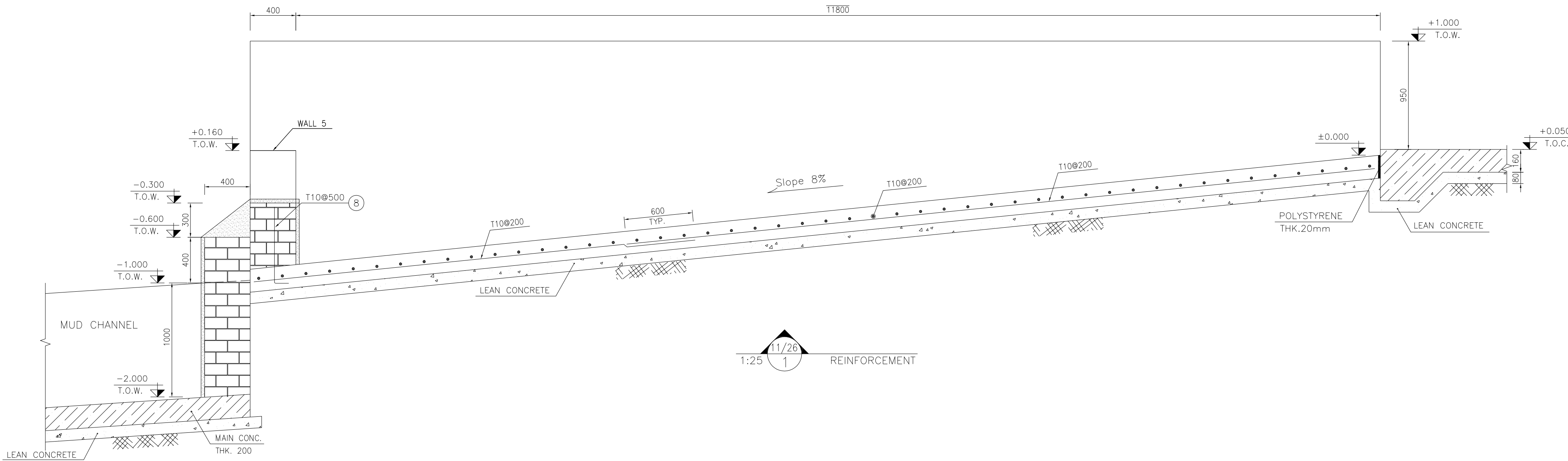


اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب می باشد.

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

BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
W007S WHF & EXTENSION OF BINAK B/C

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED



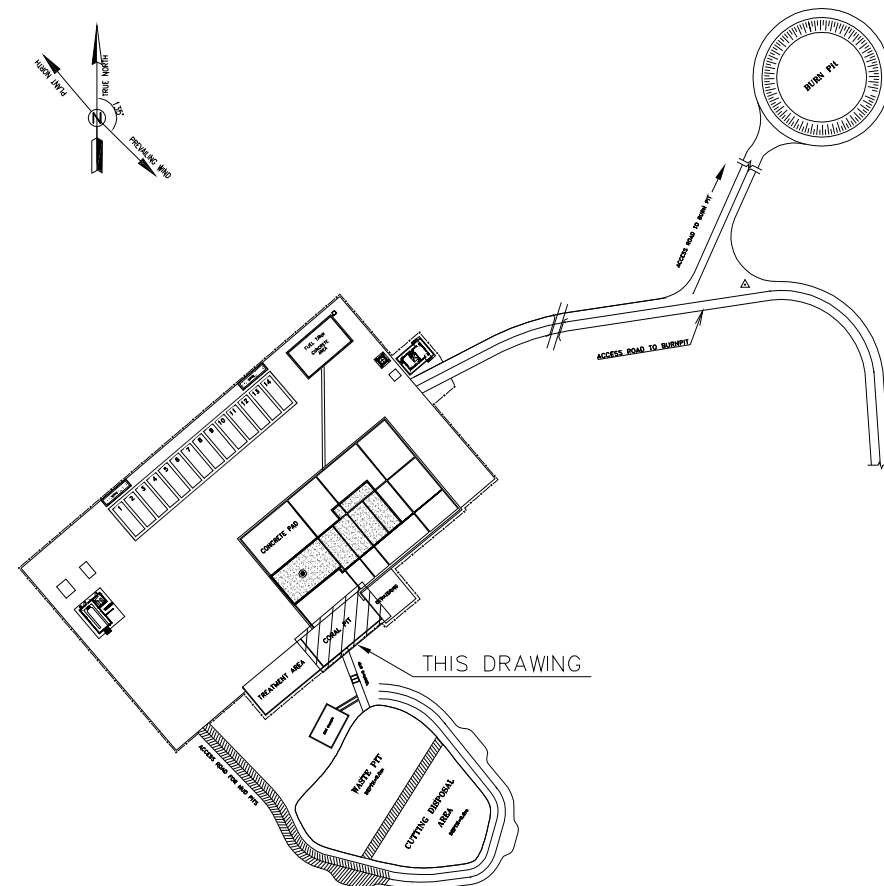
- NOTES
- 1- ALL COORDINATES ARE IN METER.
 - 2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
 - 3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
 - 4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa (ON CYLINDRICAL SPECIMEN)
 - 5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa (ON CYLINDRICAL SPECIMEN)
 - 6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI 3132 AND 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 WATER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS & SHALL BE FOLLOWED ASTM D2499. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION.
 - 10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
 - 11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
 - 12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE 2.
 - 13- JOINT FILLER SHALL BE ELASTIC MATERIAL. POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED.
 - 14- THE EMULSION ON CONCRETE EXPOSED WITH SOIL SHOULD BE B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS. THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640

LEGEND AND ABBREVIATION

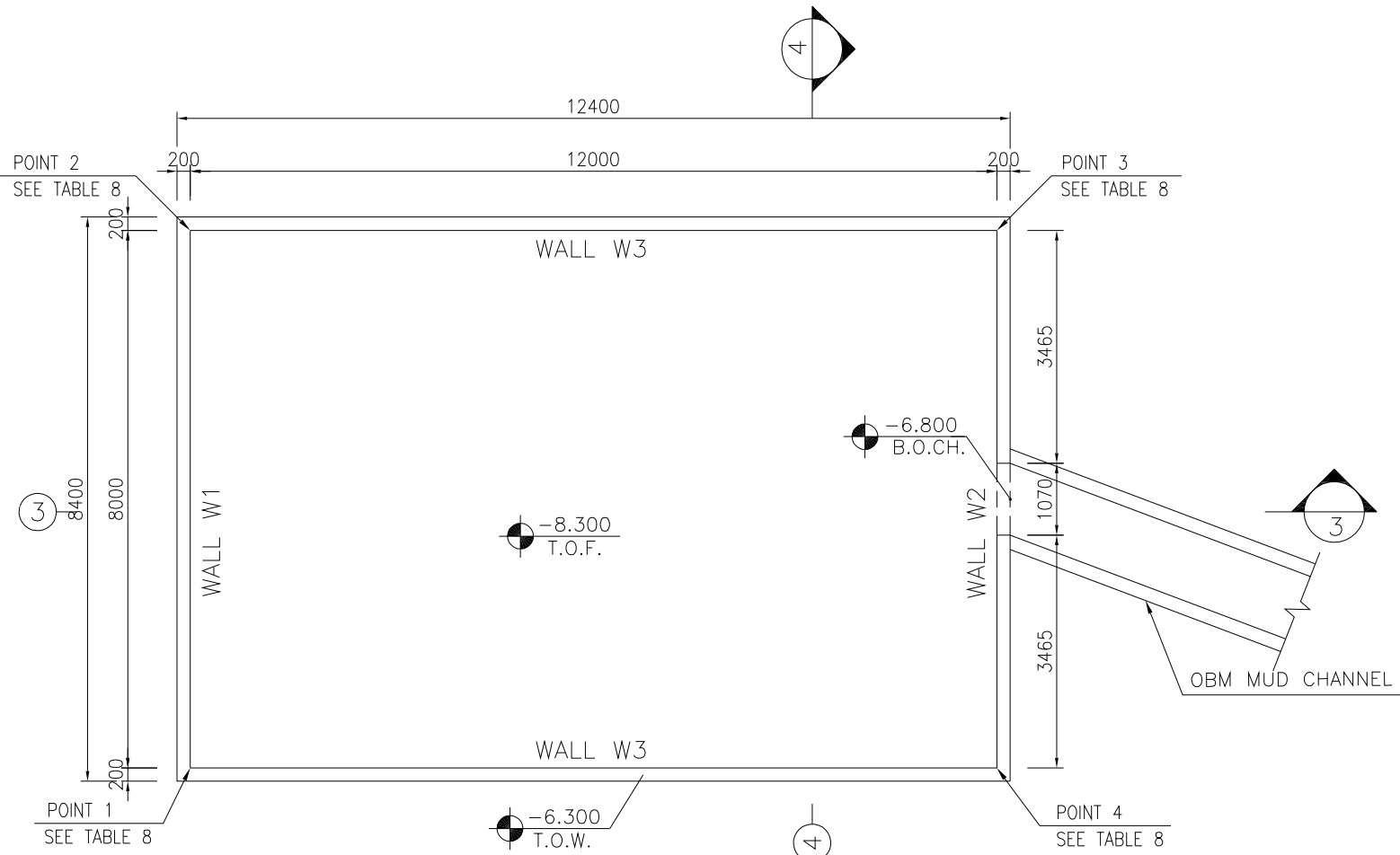
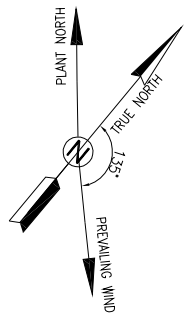
	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	T.O.W.	TOP OF WALL
	CEMENT BLOCK WALL	T.O.C.	TOP OF CONCRETE
	GRAVEL	B.O.P.	BOTTOM OF PIPE
	SUB GRADE	R.G.L.	ROUGH GRADING LEVEL
	SLOPE	B.O.CH.	BOTTOM OF CHANNEL
	EXISTING CONCRETE AREA		

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 - W007S	BK-W007S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS - W007S	BK-W007S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SP-0002

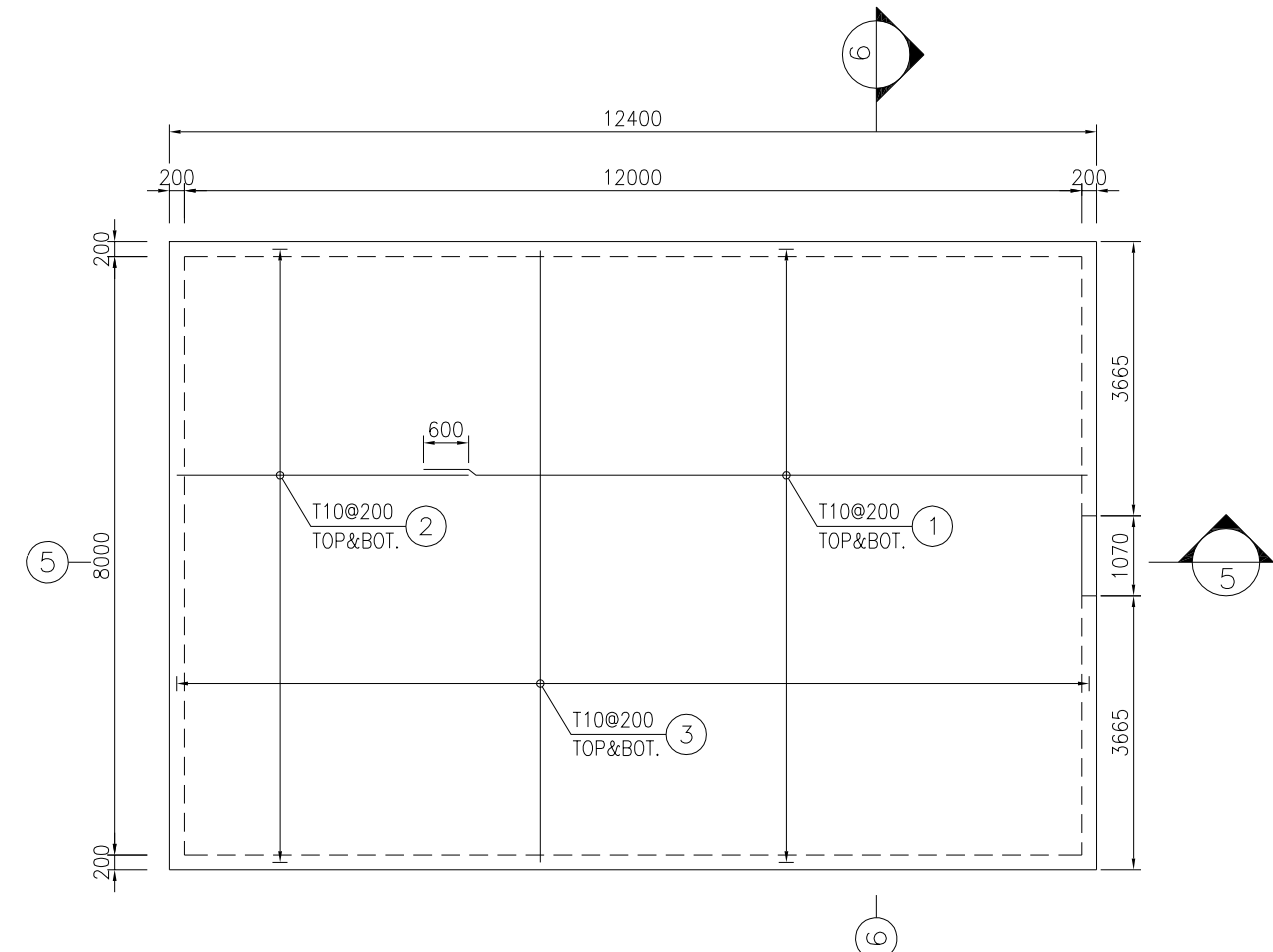
KEY PLAN



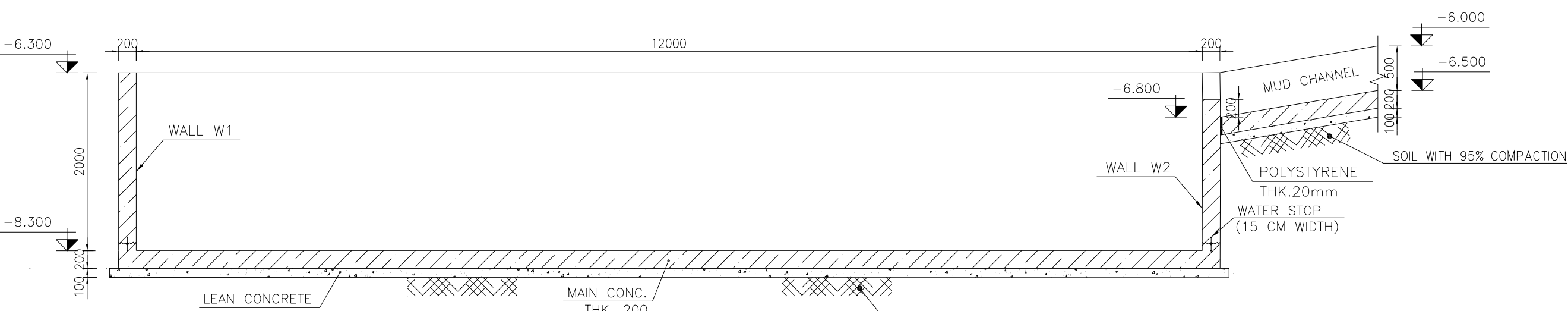
DOO	JUL.2023	IFC	R. BERLOUEI	M.FAKHARIAN	A.M.MOHSSENI	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W007S WHF & EXTENSION OF BINAK B/C						
PROJECT NO.: 971020						
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):			
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W007S CORAL PIT REINFORCEMENT- DETAIL & SECTION						
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.	BUDGET REF.
AS SHOWN	A1	BK-W007S-PEDCO-110-CV-PY-0002		12 OF 26	DOO	053-073-9184
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
APPROVED FOR CONSTRUCTION			BY:		DATE:	
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.		
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.	BUDGET REF.
AS SHOWN	A1	BK-W007S-PEDCO-110-CV-PY-0002		12 OF 26	DOO	053-073-9184



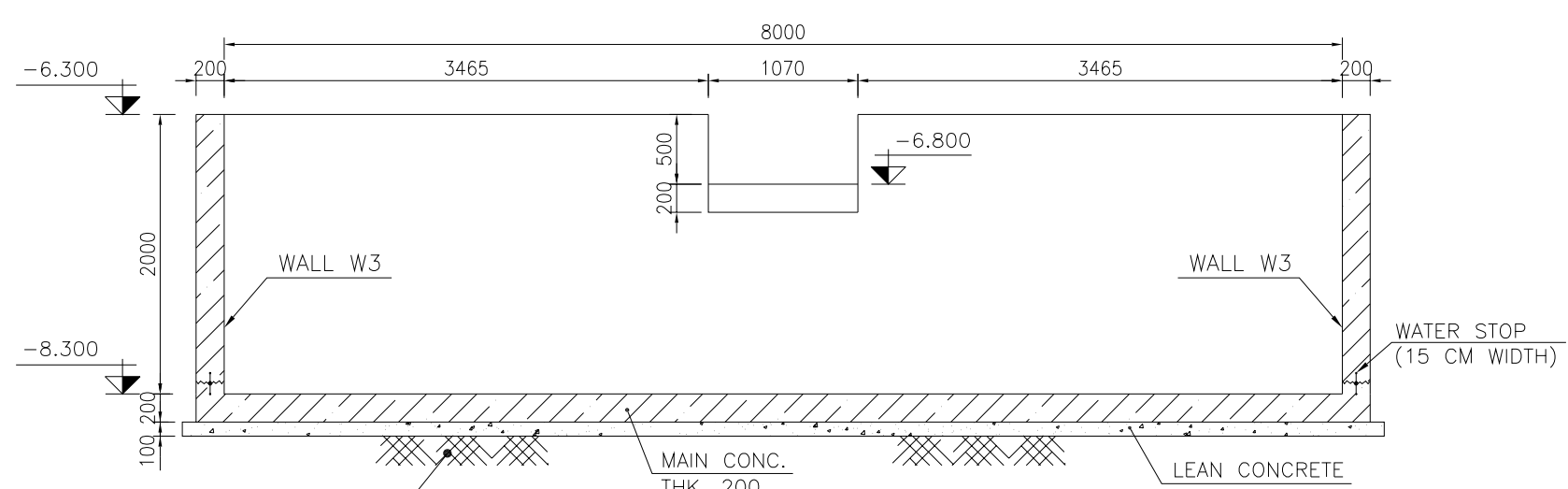
1:100 1 OBM WASTE PIT PLAN FORMWORK



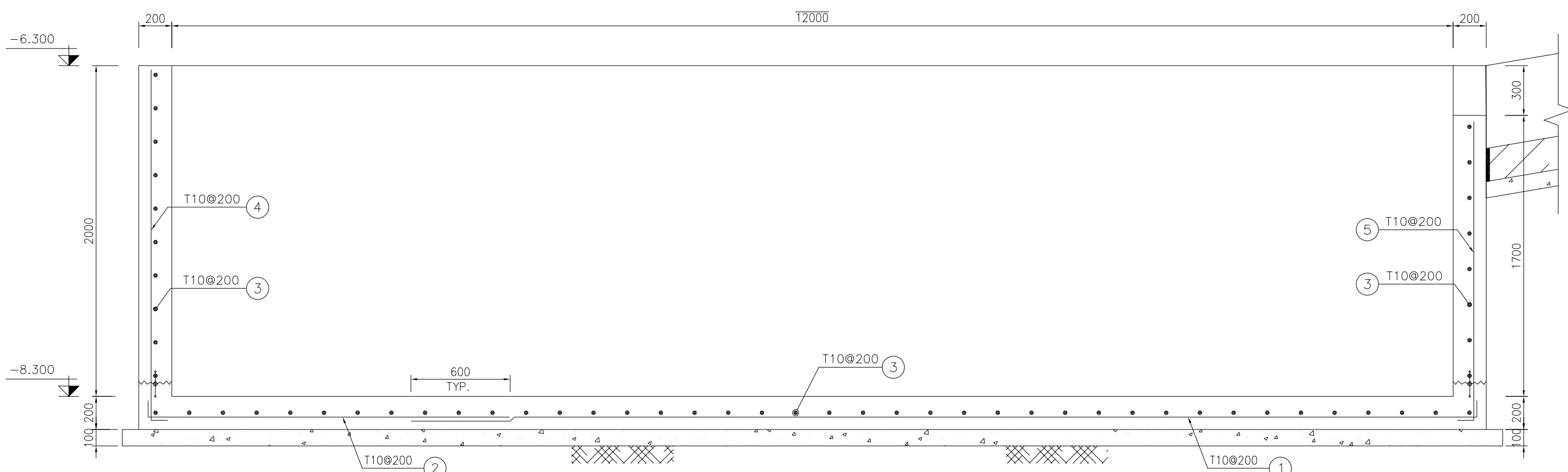
1:100 2 OBM WASTE PIT PLAN REINFORCEMENT



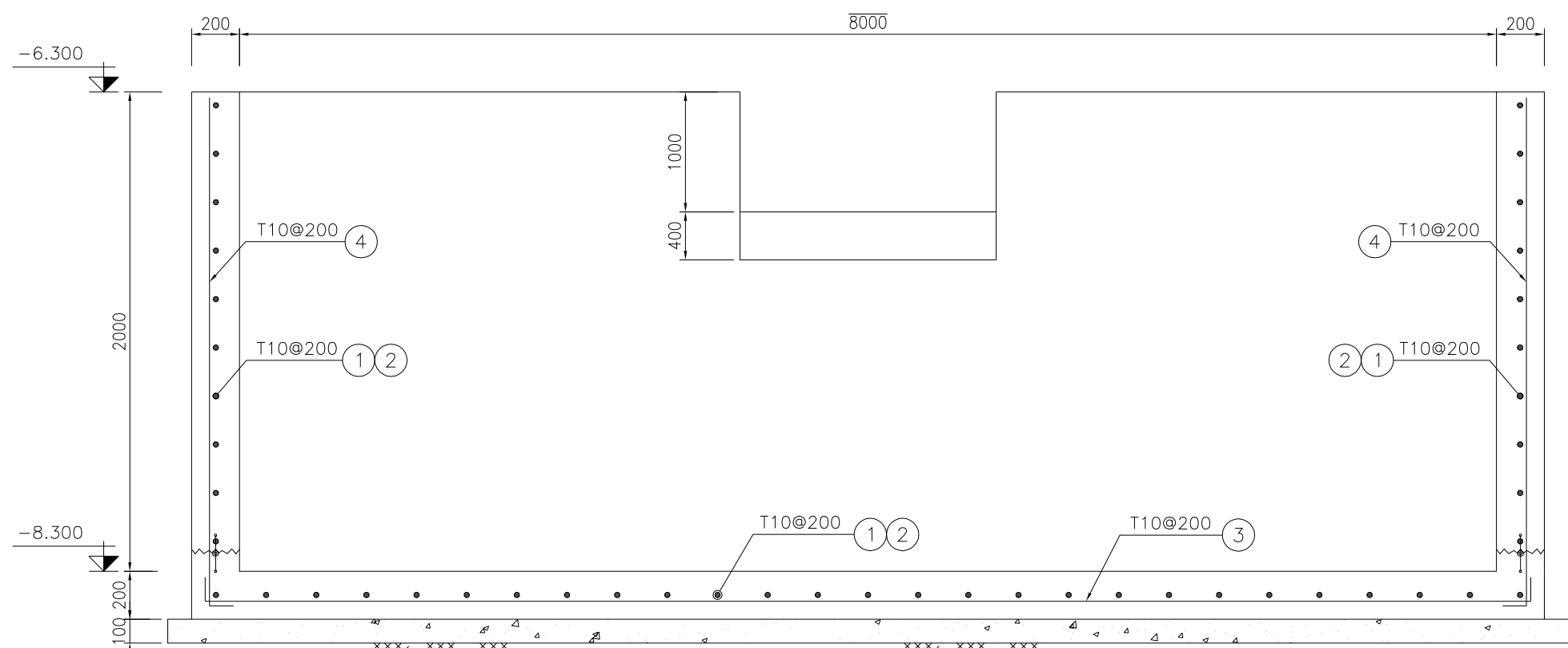
1:50 3 FORMWORK



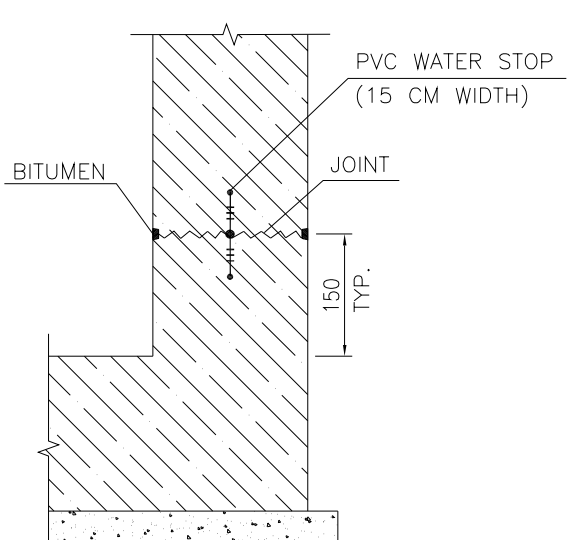
1:50 4 FORMWORK



1:25 5 REINFORCEMENT



1:25 6 REINFORCEMENT



N.T.S. 8 TYPICAL DETAIL OF WATER STOP

TABLE 8 (CORNERS COORDINATES)		
POINT 1	E=437434.26	N=3290484.85
POINT 2	E=437427.19	N=3290488.60
POINT 3	E=437432.81	N=3290499.20
POINT 4	E=437439.88	N=3290495.45

- NOTES
- 1- ALL COORDINATES ARE IN METER.
 - 2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
 - 3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
 - 4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa (ON CYLINDRICAL SPECIMEN)
 - 5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa (ON CYLINDRICAL SPECIMEN)
 - 6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI 3132 AND 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 WATER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS & SHALL BE FOLLOWED ASTM D2499. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION.
 - 10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
 - 11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
 - 12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE 2.
 - 13- JOINT FILLER SHALL BE ELASTIC MATERIAL. POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED.
 - 14- THE EMULSION ON CONCRETE EXPOSED WITH SOIL SHOULD BE B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS. THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640

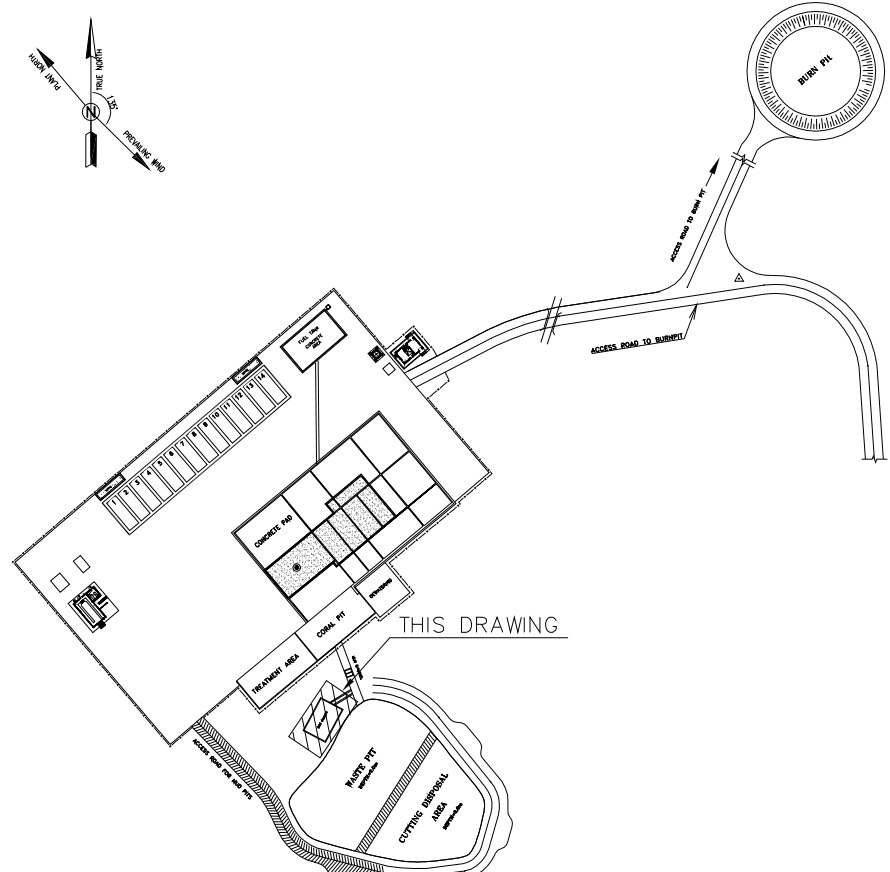
±0.00 = +26.00(R.G.L.)MSL

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	B.O.P.	BOTTOM OF PIPE
	SUB GRADE	R.G.L.	ROUGH GRADING LEVEL
	SLOPE	B.O.CH.	BOTTOM OF CHANNEL
	EXISTING CONCRETE AREA		

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 - W007S	BK-W007S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS - W007S	BK-W007S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SP-0002

KEY PLAN



BAR BENDING SCHEDULE - OBM WASTE PIT					
Pos	Spec.	Shape	L/A	No.	T10
1	T10	150 8850	9.00	62	558.0
2	T10	150 3850	4.00	62	248.0
3	T10	150 8250 150	8.55	80	684.0
4	T10	150 2050	2.20	202	444.4
5	T10	150 1750	1.90	6	11.40
6	T10	150 3550	3.70	6	22.20
TOTAL LENGTH OR AREA (m)					1968.0
UNIT WEIGHT (Kg/m)					0.617
WEIGHT (Kg)					1214.25
GRAND TOTAL (Kg)					1220

DOO	JUL.2023	IFC	R. BERLOUDI	M.FAKHARIAN	A.M.MOHSSENI	***	REV.	DESCRIPTION	BY	DATE	BY	DATE
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W007S WHF & EXTENSION OF BINAK B/C							CHECKED					
PROJECT NO.: 971020							REV. APPR.					
EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES							EPD/EPC CONTRACTOR(GC): PETROIRAN DEVELOPMENT COMPANY					
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W007S OBM WASTE PIT FORMWORK & REINFORCEMENT-SECTION							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED					
SCALE: AS SHOWN							APPROVED FOR CONSTRUCTION		BY:		DATE:	
DRAWING NO. BK-W007S-PEDCO-110-CV-PY-0002							SHEET NO. 13 OF 26		REV. DOO		BUDGET REF. 053-073-9184	
LOCATION F							SIZE 4		CLASS S		SERIAL NO. 708048	
SHEET 13							REVISION		SHEET		REVISION	

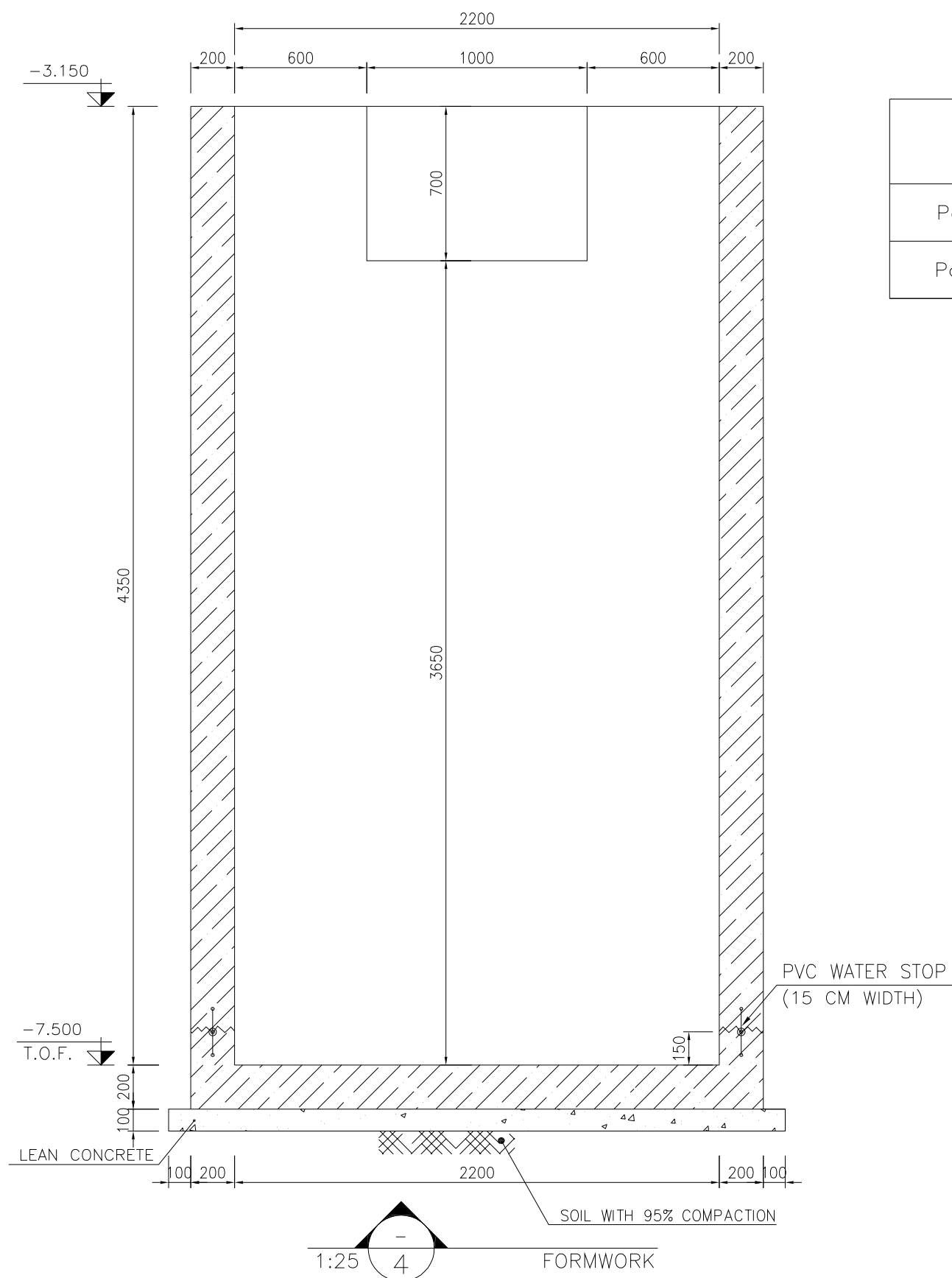
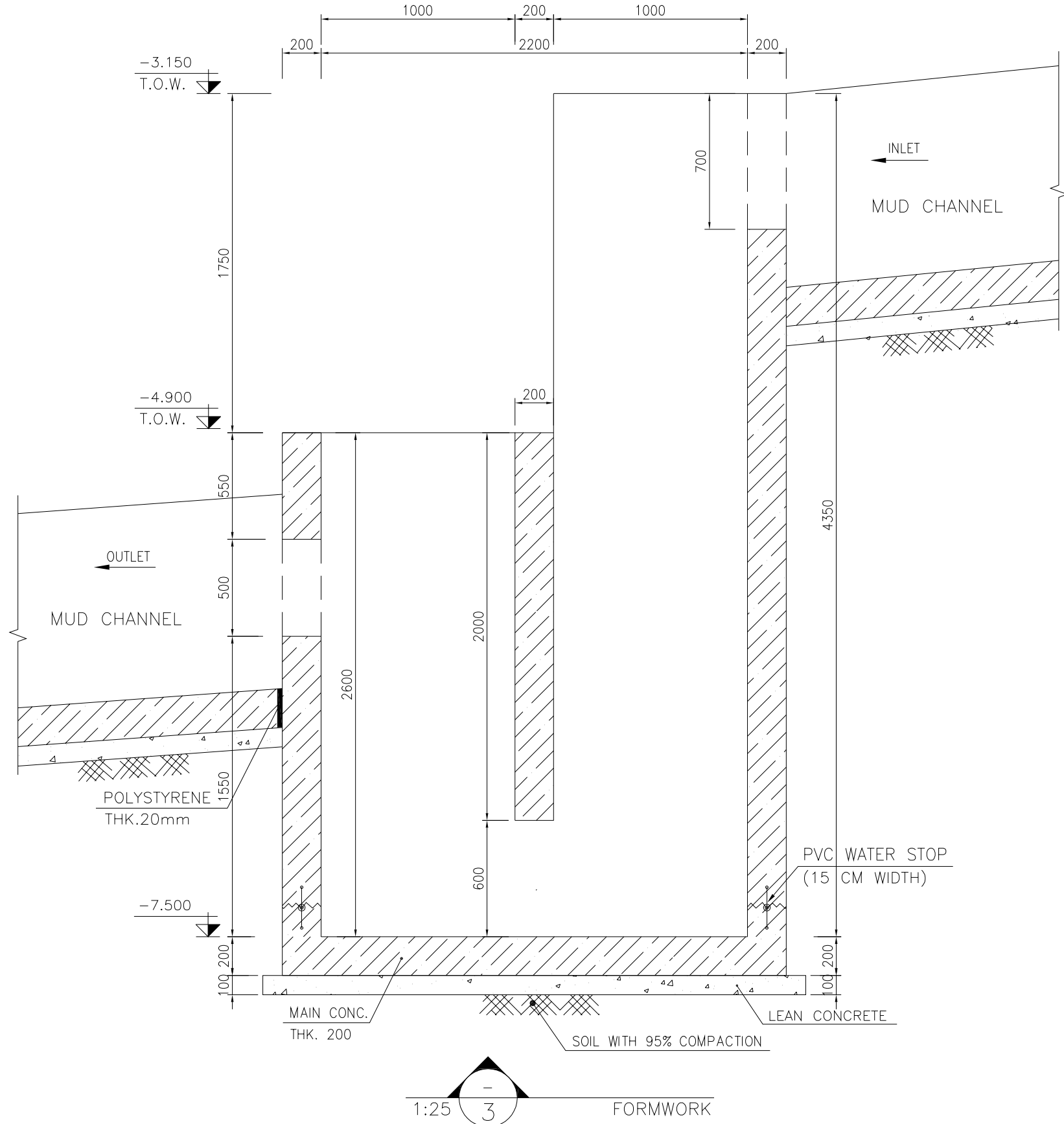
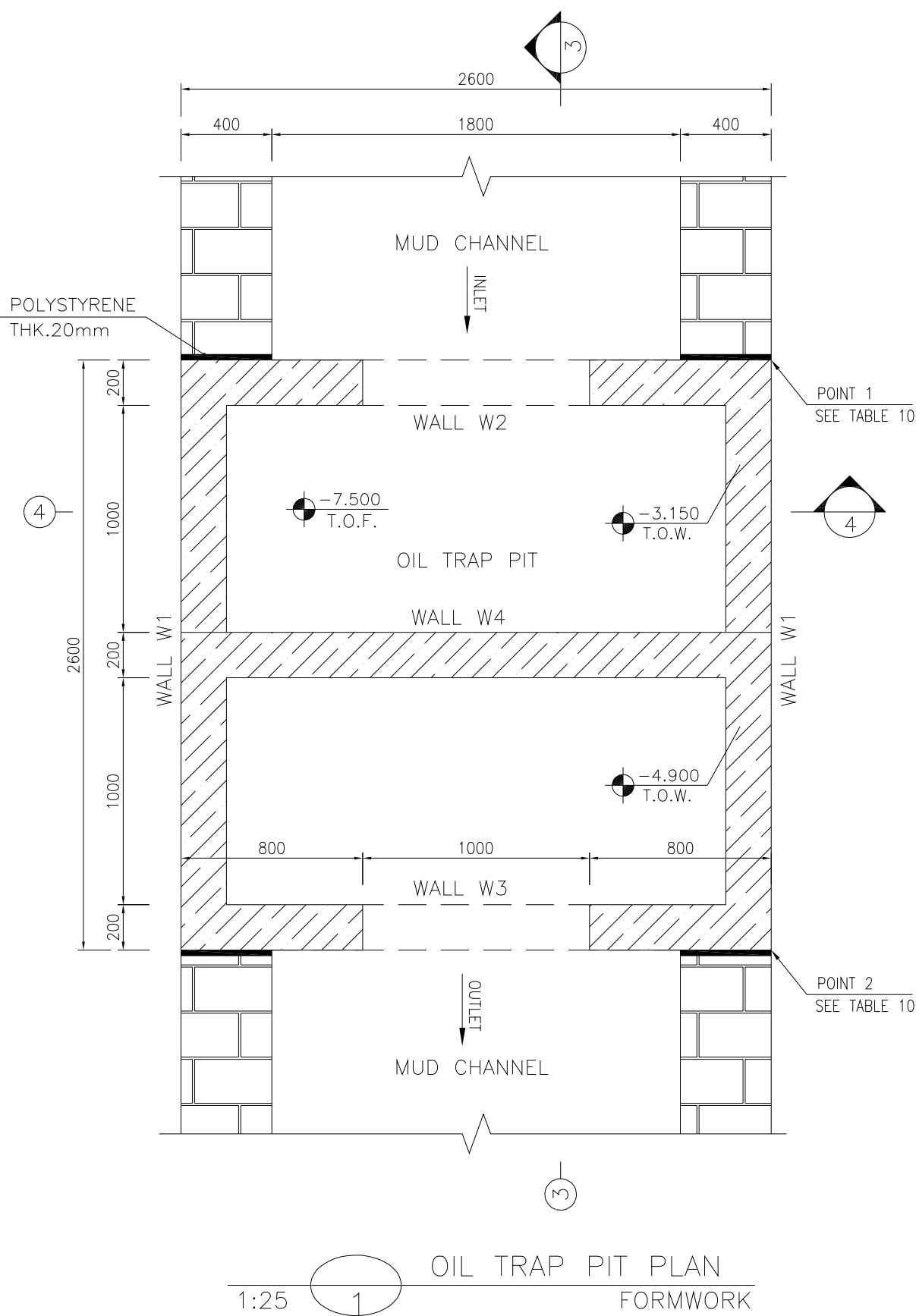
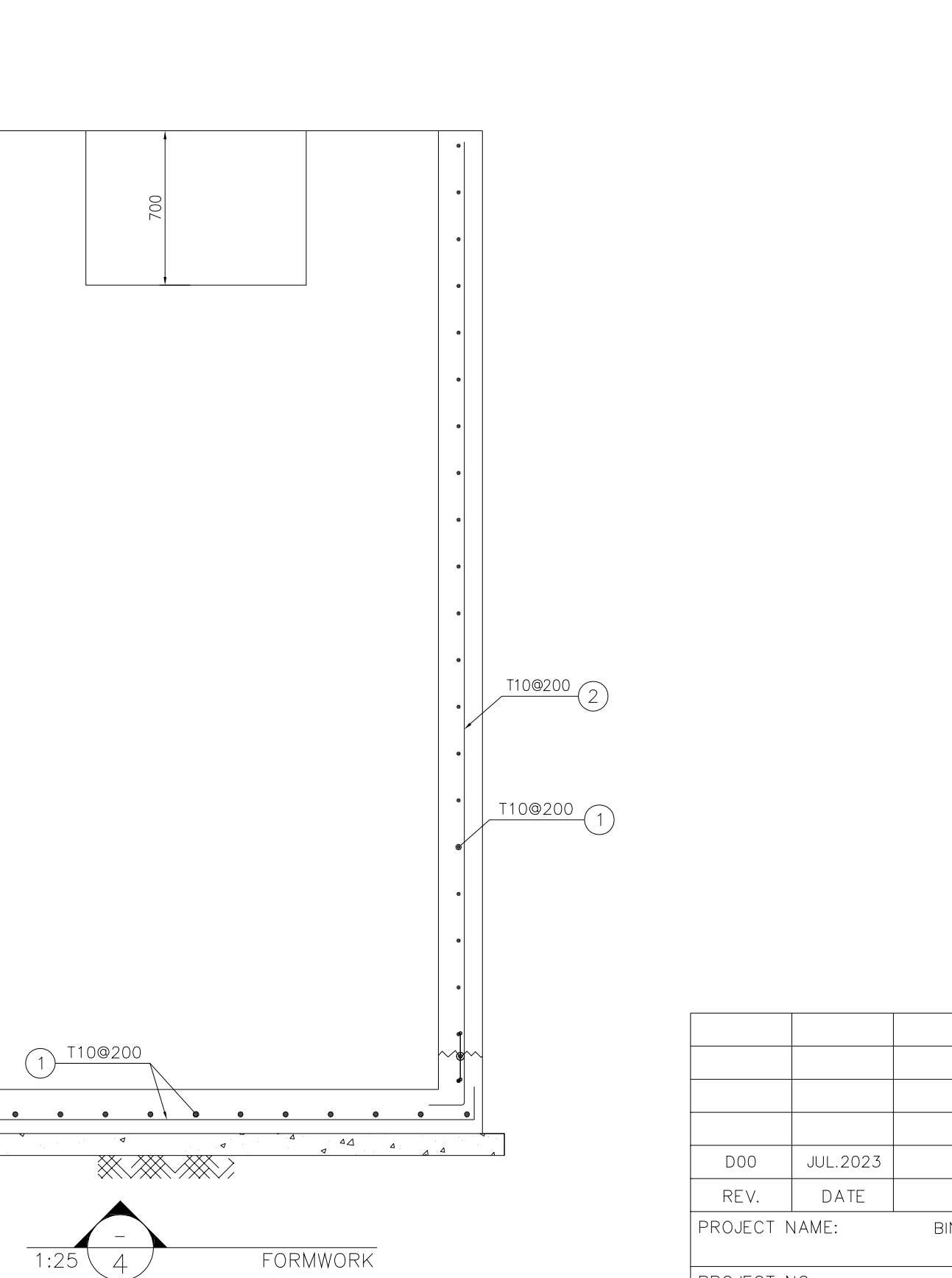
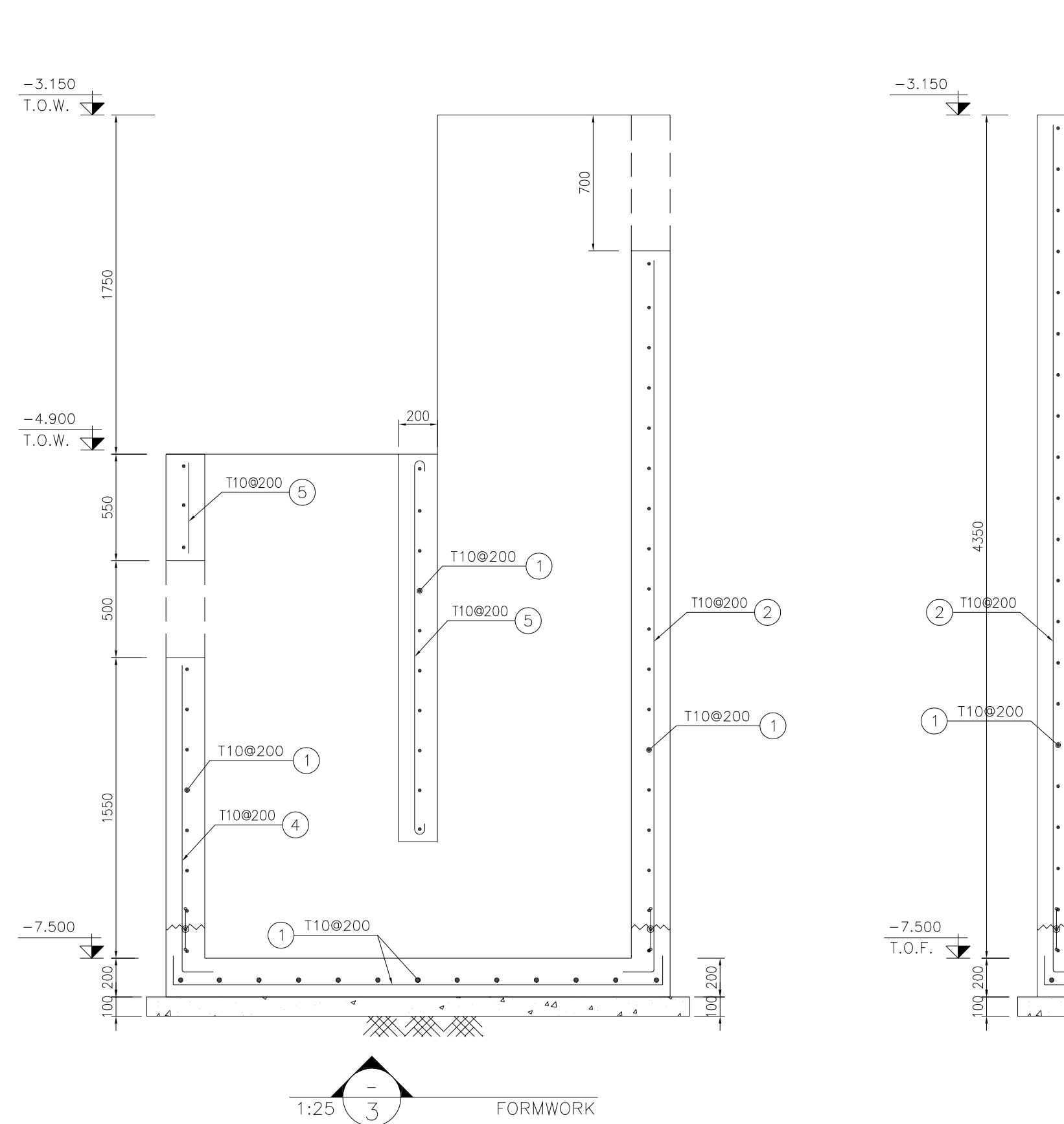
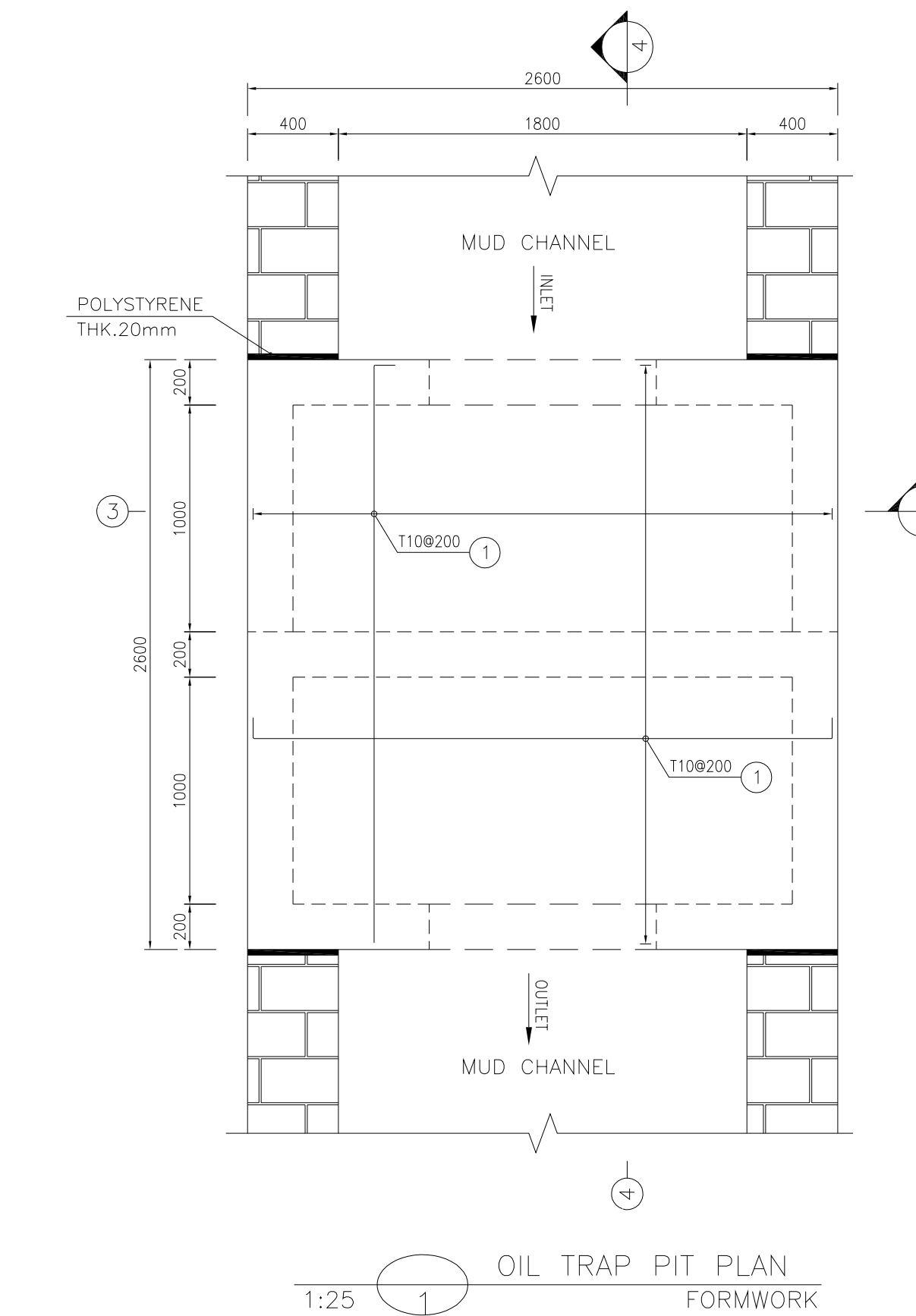


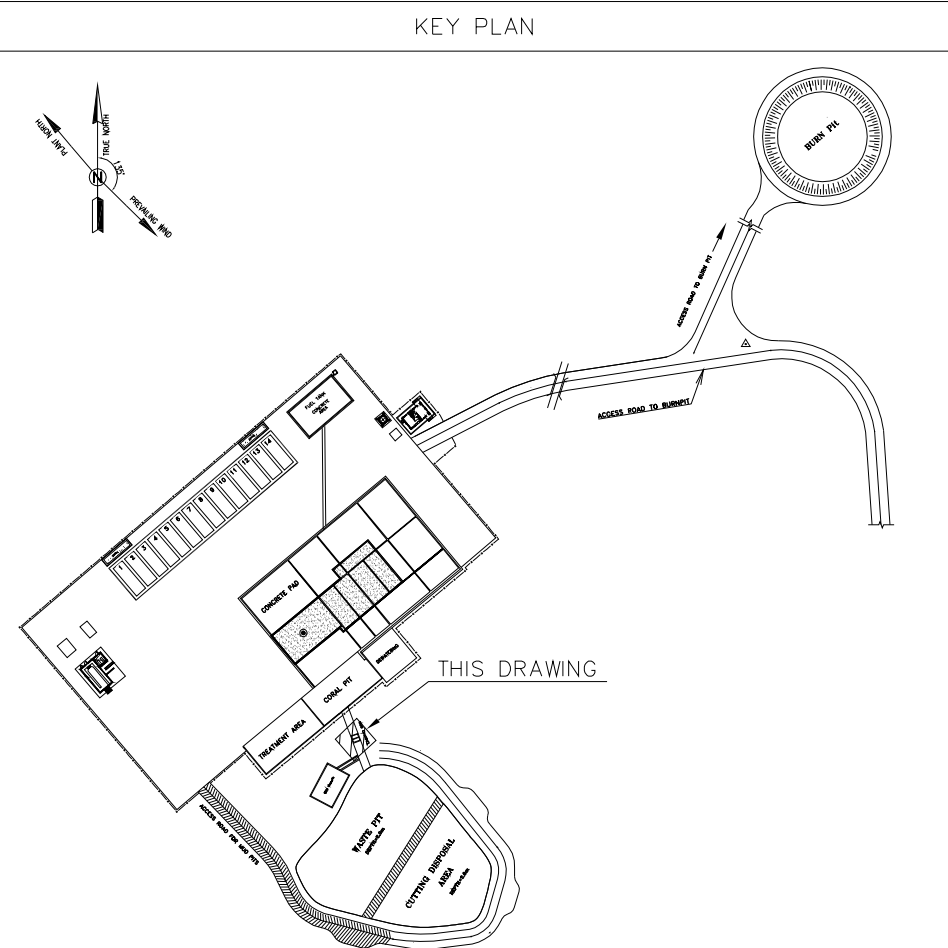
TABLE 10 (CORNERS COORDINATES)		
Point 1	E=437442.92	N=3290509.44
Point 2	E=437443.84	N=3290507.01



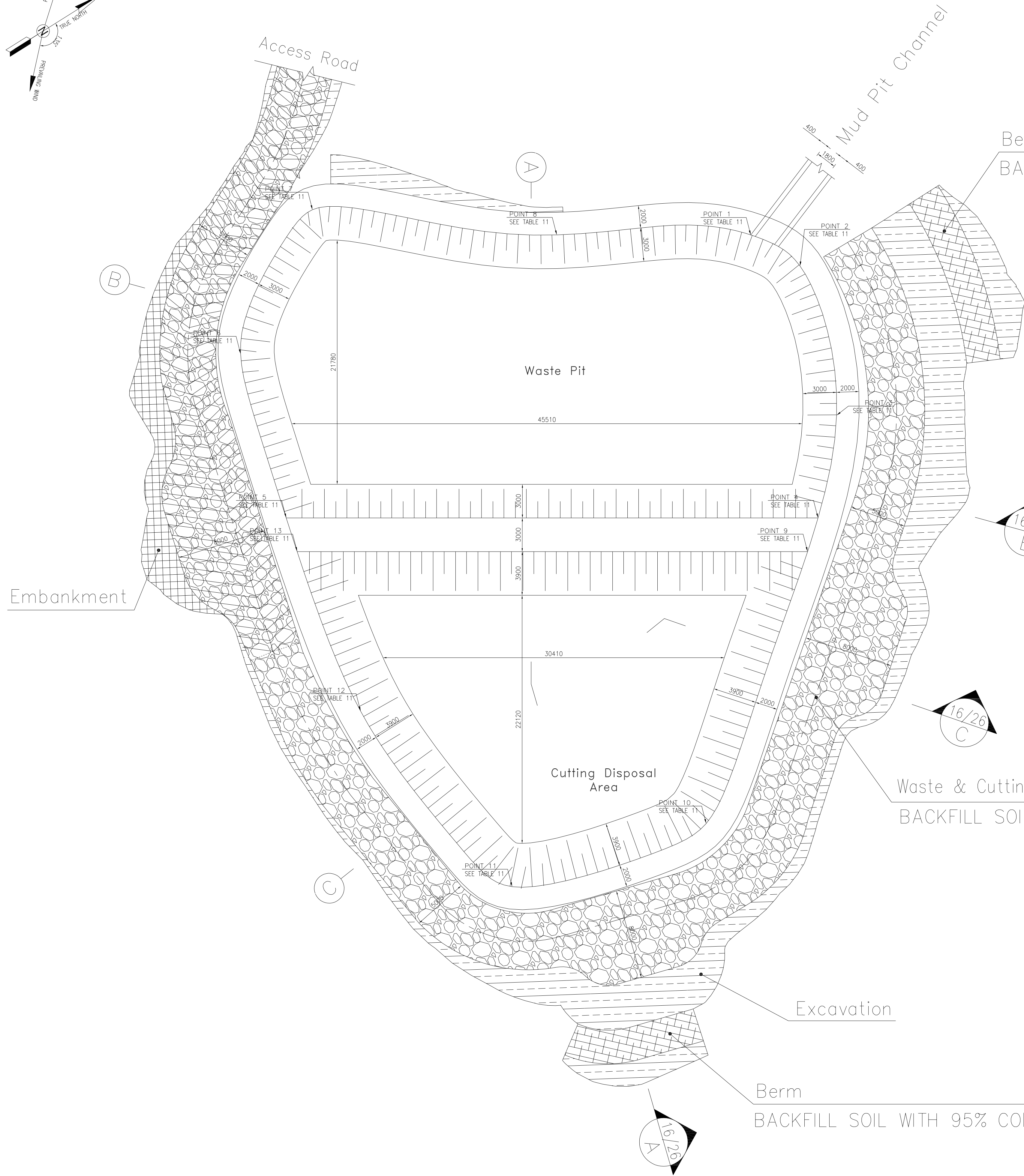
- NOTES
- 1- ALL COORDINATES ARE IN METER.
 - 2- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METER.
 - 3- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
 - 4- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 25 MPa (ON CYLINDRICAL SPECIMEN)
 - 5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa (ON CYLINDRICAL SPECIMEN)
 - 6- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI 3132 AND 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 WATER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS & SHALL BE FOLLOWED ASTM D2499. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION.
 - 10- CONTRACTION JOINTS SHALL BE CONSIDERED IN CONCRETE SLABS EVERY 6m.
 - 11- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MSL
 - 12- ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE 2.
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 - 14- THE EMULSION ON CONCRETE EXPOSED WITH SOIL SHOULD BE B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS. THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640

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	B.O.P. BOTTOM OF PIPE
	SUB GRADE	R.G.L. ROUGH GRADING LEVEL
	SLOPE	B.O.CH. BOTTOM OF CHANNEL
	EXISTING CONCRETE AREA	

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 - W007S	BK-W007S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS - W007S	BK-W007S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SP-0002

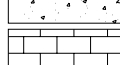
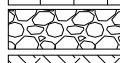
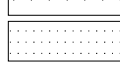
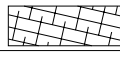
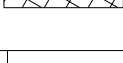


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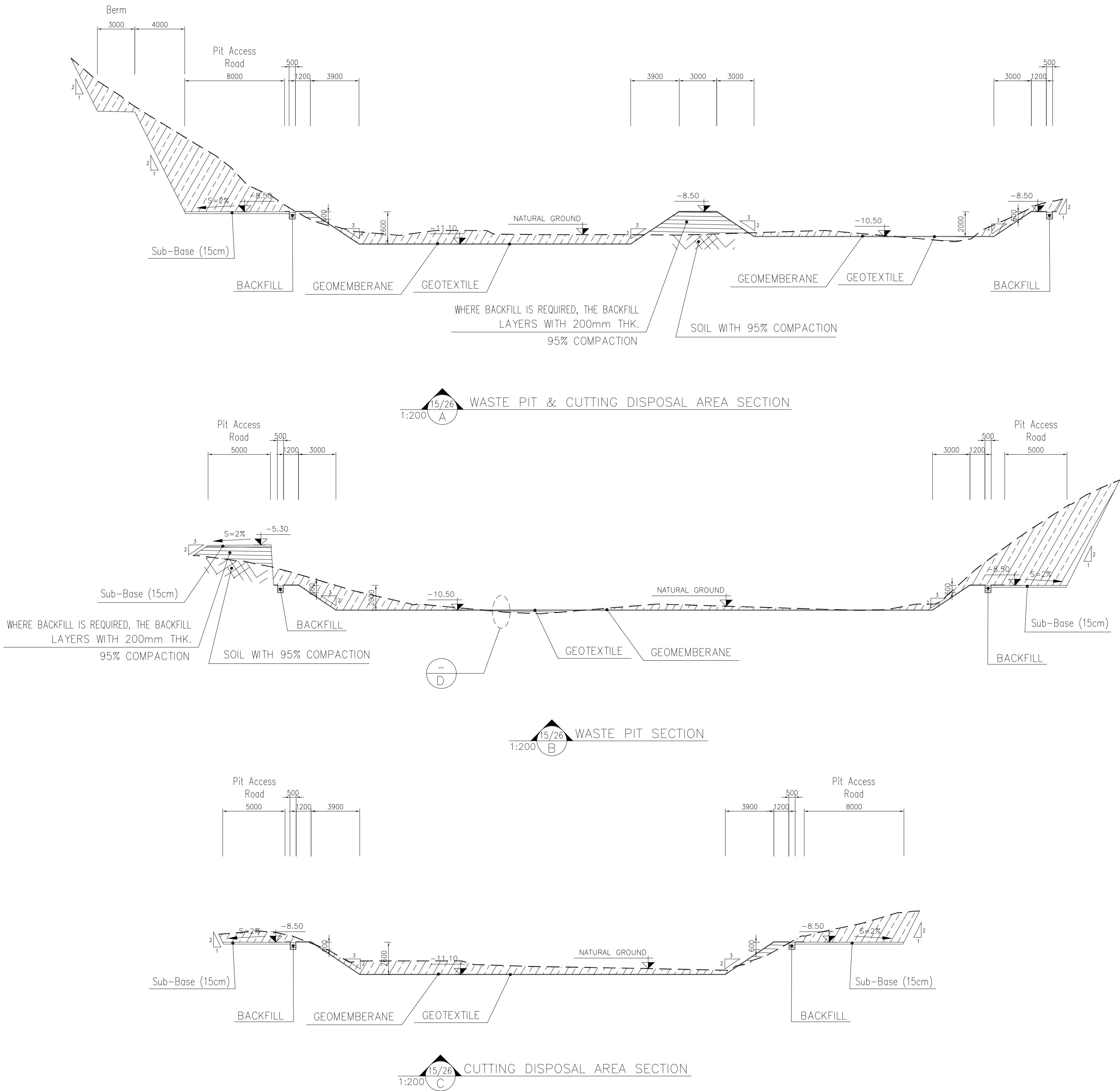


1:200 1

Point 1	E=437444.936	N=3290496.707
Point 2	E=437449.620	N=3290498.956
Point 3	E=437462.630	N=3290494.633
Point 4	E=437469.500	N=3290488.372
Point 5	E=437444.290	N=3290448.222
Point 6	E=437429.732	N=3290452.563
Point 7	E=437422.258	N=3290464.820
Point 8	E=437435.740	N=3290482.070
Point 9	E=437471.544	N=3290485.986
Point 10	E=437487.272	N=3290465.437
Point 11	E=437482.845	N=3290447.793
Point 12	E=437462.408	N=3290444.675
Point 13	E=437447.351	N=3290447.155

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	B.O.P.	BOTTOM OF PIPE
	SUB GRADE	R.G.L.	ROUGH GRADING LEVEL
	SLOPE	B.O.CH.	BOTTOM OF CHANNEL
	EXISTING CONCRETE AREA		Excavation
	Berm		Embankment
REFERENCE DRAWING		DRG. No.	
SPECIFICATION FOR FENCE & GATE		BK-GNRL-PEDCO-000-CV-SP-0003	
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GENERAL NOTES – REINFORCED CONCRETE STRUCTURES		BK-GNRL-PEDCO-000-ST-DW-0012	
GENERAL CIVIL LAYOUT – W0075		BK-W0075-PEDCO-110-CV-PY-0001	
ROUGH GRADING PLANS – W0075		BK-W0075-PEDCO-110-CV-DW-0001	
STANDARD DRAWING FOR CULVERT & DETAILS		BK-GNRL-PEDCO-000-CV-DW-0014	
STANDARD DETAILS OF MISCELLANEOUS ITEMS		BK-GNRL-PEDCO-000-CV-DW-0040	
SPECIFICATION FOR EARTH WORK		BK-GNRL-PEDCO-000-CV-SP-0004	
SPECIFICATION FOR ROAD & PAVING		BK-GNRL-PEDCO-000-CV-SP-0001	

[illegible]



Cut/Fill Summary				
Name	Cut Factor	Fill Factor	Cut	Fill
ROUGH GRADING (WastePIT & Cutting Disposal Area)	1.000	1.000	4191.4 Cu.M.	929.19 Cu.M.
			TOTAL=5120.59 Cu.M.	

Cut and Fill Volume Table for WastePIT & Cutting Disopsal Area

- 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.

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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:
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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 WATER-RESISTANT POLYURETHANE OR SILICONE SCH AS "AEROLASTIC 1674" OR SIMILAR AND SHALL CONFORM TO BS-4254 FOR VERTICAL JOINTS IN WALLS & SHALL BE FOLLOWED ASTM D2499. THE FILLING MATERIAL MUST BE APPROVED BY THE WORKSHOP SUPERVISION.

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

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

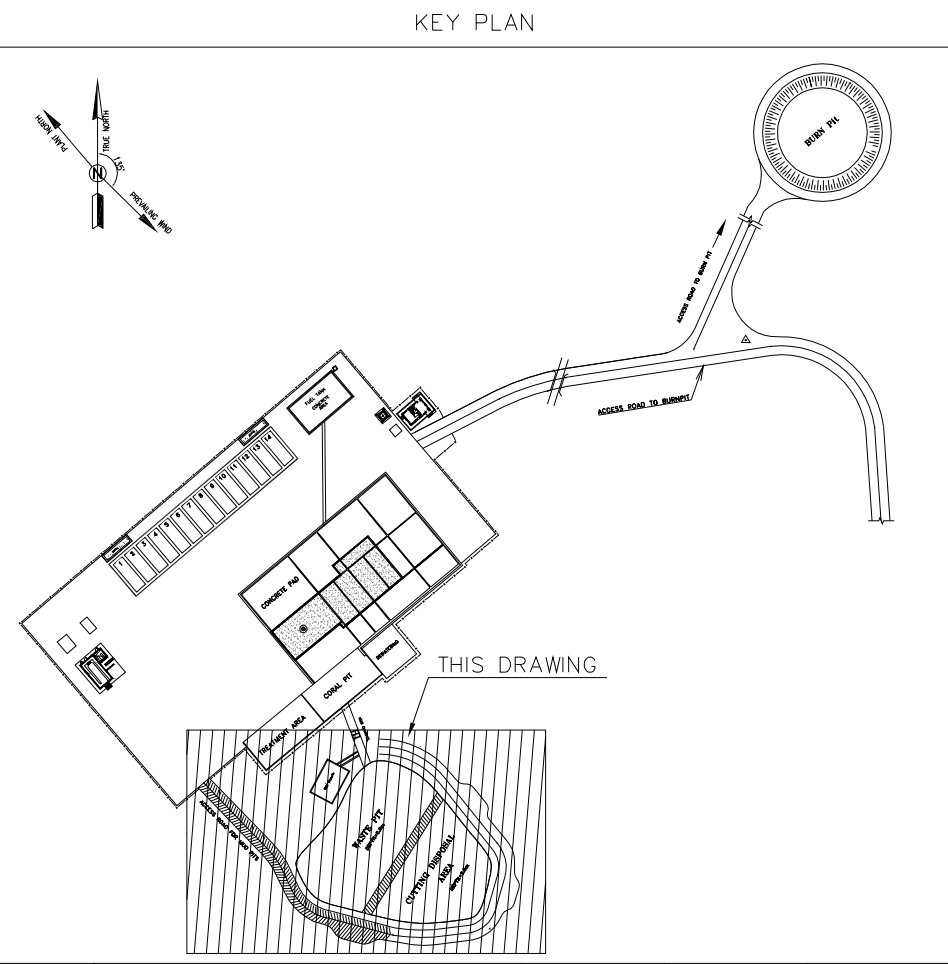
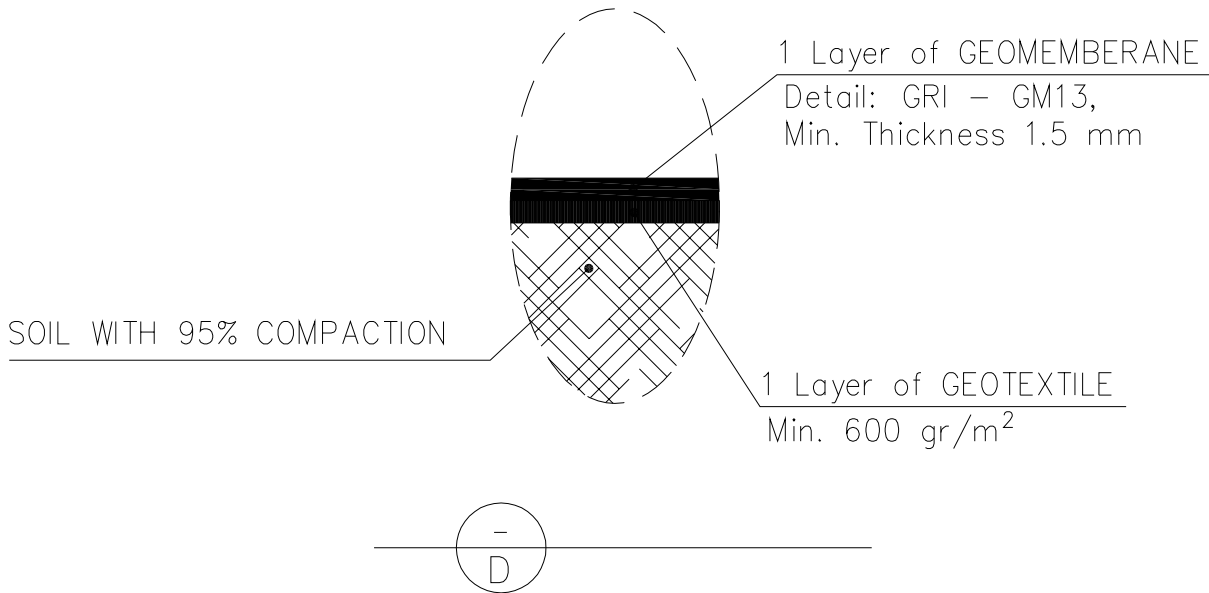
12-ACCORDING TO THE GEOTECHNICAL REPORT SHOULD BE USED OF CEMENT TYPE2.

13-JOINT FILLER SHALL BE ELASTIC MATERIAL. POLY ETHYLENE SHEETS OR CORK PARTICLES OR EQUIVALENT MATERIALS CAN BE USED.

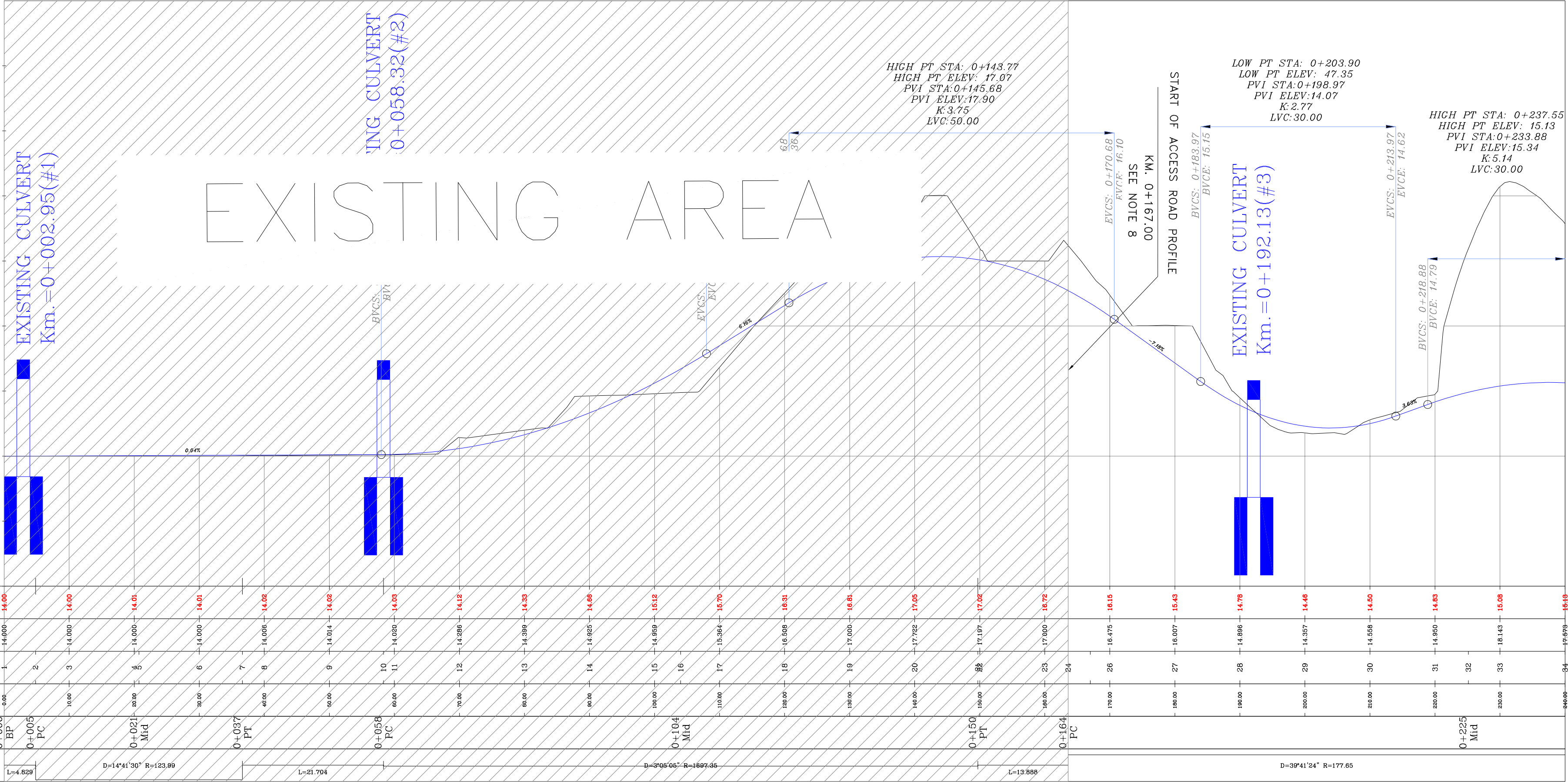
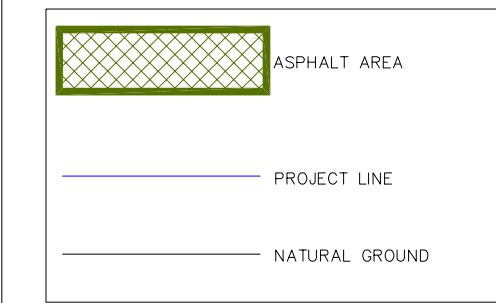
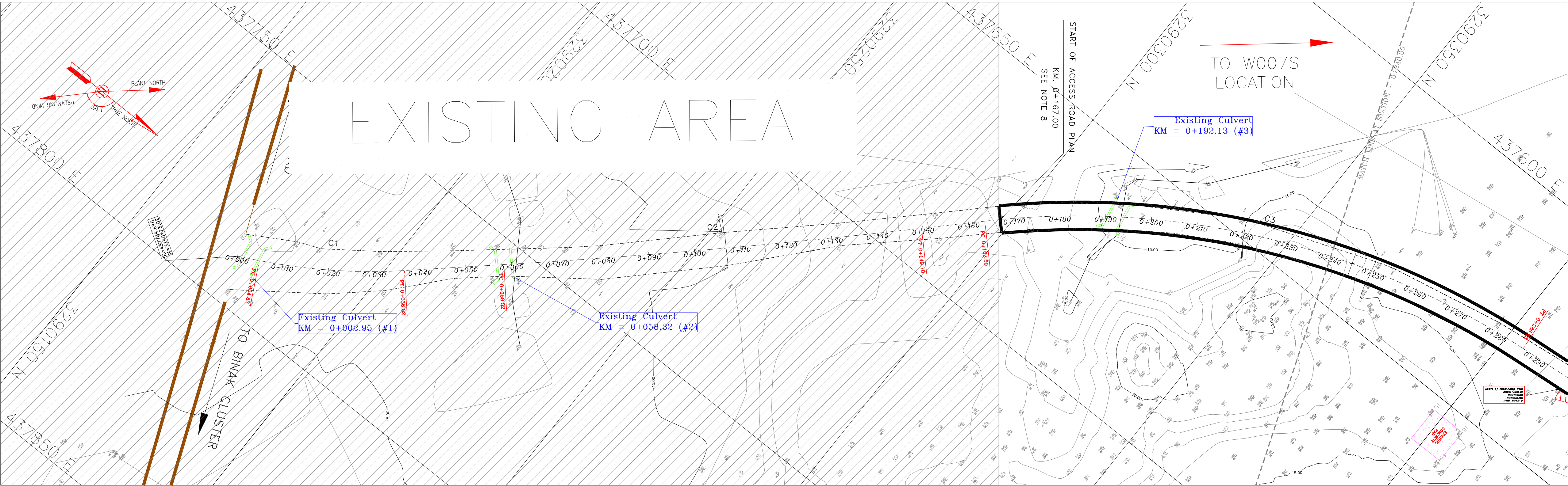
14-THE EMULSION ON CONCRETE EXPOSED WITH SOIL SHOULD BE B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS. THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640
- ±0.00 = +26.00(R.G.L.)MSL

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	B.O.P.	BOTTOM OF PIPE
	SUB GRADE	R.G.L.	ROUGH GRADING LEVEL
	SLOPE	B.O.CH.	BOTTOM OF CHANNEL
	EXISTING CONCRETE AREA		Excavation
			Backfill

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 -W007S	BK-W007S-PEDCO-110-CV-PY-0001
ROUGH GRADING PLANS -W007S	BK-W007S-PEDCO-110-CV-DW-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014
STANDARD DETAILS OF MISCELLANEOUS ITEMS	BK-GNRL-PEDCO-000-CV-DW-0040
SPECIFICATION FOR EARTH WORK	BK-GNRL-PEDCO-000-CV-SP-0004
SPECIFICATION FOR ROAD & PAVING	BK-GNRL-PEDCO-000-CV-SP-0002



DOO	JUL.2023	IFC	R. BERLOUEI	M.FAKHARIAN	A.M.MOHSSENI	***				
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.				
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W007S WHF & EXTENSION OF BINAK B/C										
PROJECT NO.:			971020							
EPC CONTRACTOR:			EPD/EPC CONTRACTOR(GC):							
HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			PETROIRAN DEVELOPMENT COMPANY							
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS-W0007S WASTE PIT & CUTTING DISPOSAL AREA SECTIONS										
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED										
APPROVED FOR CONSTRUCTION			BY:		DATE:					
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.	BUDGET REF.				
AS SHOWN	A1	BK-W007S-PEDCO-110-CV-PY-0002		16 OF 26	DOO	053-073-9184				
LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION					
F	4	S	708048	16	DOO					



Curve Table: Alignments					
Curve #	Radius	Length	Chord Direction	Start Point	End Point
C1	123.99	31.79	N34° 44' 38.21"W	(437787.47,3290177.30)	(437769.41,3290203.36)
C2	1697.35	91.38	N43° 37' 55.70"W	(437754.86,3290219.46)	(437691.81,3290285.59)
C3	177.65	123.06	N25° 19' 45.78"W	(437681.96,3290295.38)	(437630.36,3290404.40)

Station	Northing	Easting
0+000.00	3290173.02	437789.70
0+010.00	3290181.84	437785.00
0+020.00	3290190.31	437779.69
0+030.00	3290198.33	437773.71
0+040.00	3290205.86	437767.14
0+050.00	3290213.28	437760.44
0+060.00	3290220.70	437753.73
0+070.00	3290228.10	437747.00
0+080.00	3290235.45	437740.23
0+090.00	3290242.77	437733.41
0+100.00	3290250.04	437726.55
0+110.00	3290257.28	437719.64
0+120.00	3290264.47	437712.69

Station	Northing	Easting
0+130.00	3290271.62	437705.71
0+140.00	3290278.73	437698.67
0+150.00	3290285.80	437691.60
0+160.00	3290292.85	437684.51
0+170.00	3290299.98	437677.50
0+180.00	3290307.47	437670.87
0+190.00	3290315.32	437664.68
0+200.00	3290323.51	437658.94
0+210.00	3290332.00	437653.67
0+220.00	3290340.78	437648.88
0+230.00	3290349.82	437644.60
0+240.00	3290359.08	437640.83

PI Station	Northing	Easting
0+000.00	3290173.02	437789.70
0+020.81	3290191.49	437780.12
0+104.03	3290253.38	437724.22
0+227.71	3290340.58	437636.49

Coordinate of Bench Marks (UTM-ZONE39)			
Points	Northing (m)	Easting (m)	Elevation (m)
D7	3290475.267	437362.452	24.936
BT7	3290540.603	437481.117	40.032
A1	3290541.169	437523.699	41.138

D00	JUL.2023	IFC	R.BERLOUE	M.FAKHARIAN	A.M.MOHSENI
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W007S WHF & EXTENSION OF BINAK B/C					
PROJECT NO.:			971020		
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):		
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY		
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – W007S ACCESS ROAD-PLAN and PROFILE					
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.
H=1:500 V=1:50	A1	BK–W007S–PEDCO–110–CV–PY–0002		17 OF 26	D00

- NOTES
- 1- ALL COORDINATES AND ELEVATIONS ARE IN METER.
 - 2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
 - 3-GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MEAN SEA LEVEL
 - 4-THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
 - PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART
 - "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
 - PROJECT GENERAL "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRL-PEDCO-000-CV-SP-0004".
 - GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.
 - 5-BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.
 - 6-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON:
BK-SSGR-L-PEDCO-110-PI-DW-0001
 - 7-BASED ON THE SUPERVISOR'S REQUIREMENTS, PART OF THE EXISTING RETAINING WALLS (ABOUT 150 CUBIC METERS) WILL BE REPAIRED (EXACT LOCATION WILL BE DETERMINED AND ADJUSTED AT SITE).
 - 8-ACCORDING TO BASIC DOCUMENTS, 500 METERS OF TOTAL LENGTH OF ACCESS ROAD SHALL BE REPAIRED AND RECONSTRUCTED.

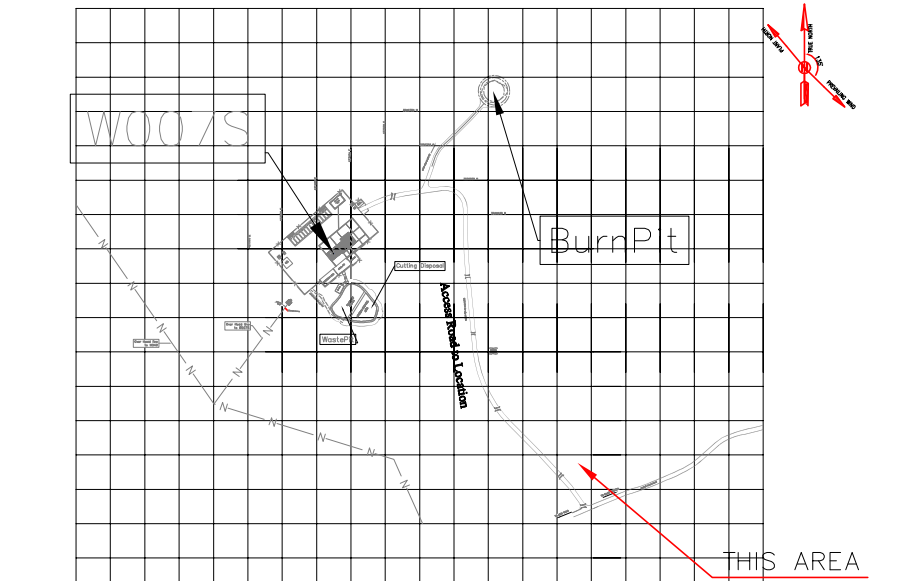
LEGEND			
●	WELL	—○—○—	EX. BURN PIT LINE
⊠	POWER TOWER POWER POLE	—○—○—	NEW BURN PIT LINE
△	BENCH MARK	—○—○—	NEW FLOW LINE
99.27 DESC.	TOPOGRAPHY POINTS	—○—○—	EX. FLOW LINE
---	Existing GRAVEL ROAD	→	CHANNEL
---	New GRAVEL ROAD	---	RIVER
---	New ASPHALT ROAD	---	EX. RETAINING WALL
---	BUILDING	---	SITE (WELL)
---	CONCRETE AREA	---	CAMP SITE
---	POWER LINE	---	EXISTING CULVERT
---	OPTICAL FIBER	---	NEW CULVERT
---	CONTOURS	---	EXISTING CULVERT (SHALL BE DEMOLISHED)
---	WATER COURSE	---	SEPTIC
---	FENCE	---	BURNPIT

REFERENCE DRAWING	DRG. No.
CIVIL AND STRUCTURAL DRAWINGS - W007S	BK-W007S-PEDCO-110-CV-PY-0002
Rough Grading Plans-W007S	BK-W007S-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W007S	BK-W007S-PEDCO-110-GT-R1-0001
Specification For Road & Paving	BK-GNRL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W007S	BK-W007S-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W007S	BK-W007S-PEDCO-110-PI-PY-0002
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRL-PEDCO-000-PL-DW-0013
OVER HEAD LINE PLAN AND PROFILE - W007S	BK-W007S-PEDCO-110-SU-DW-0002

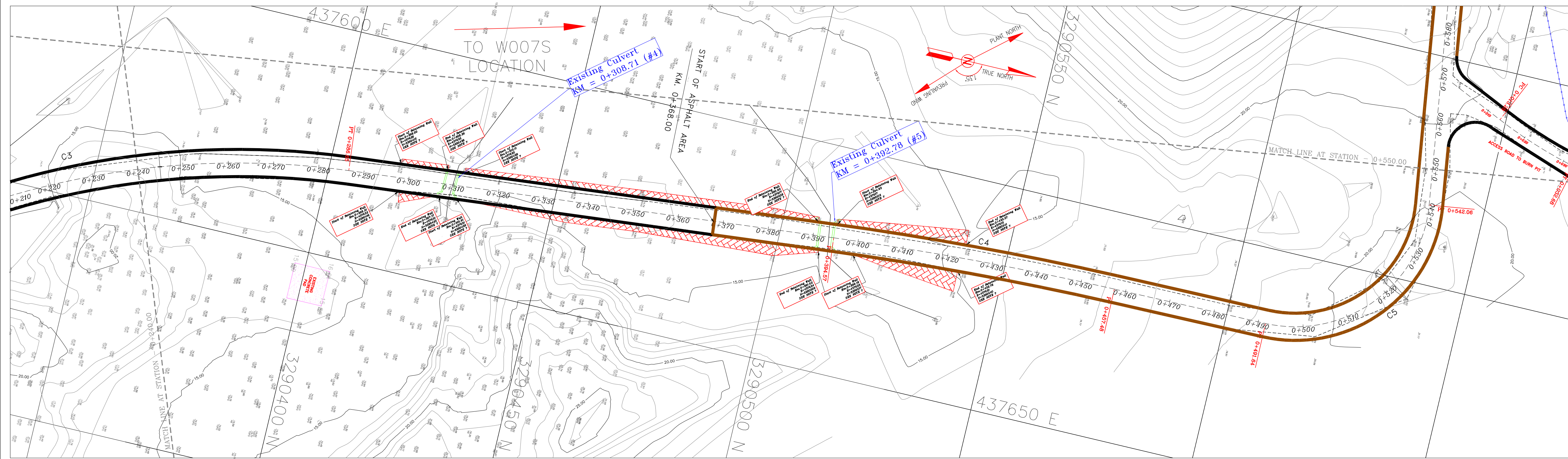
ABBREVIATION

B.P.=BEGIN OF PLAN
E.P.=END OF PLAN
H.P.= POINT OF TANGENT
PC= POINT OF CURVATURE
LVC= LENGTH OF VERTICAL CURVE
EX=EXISTING
F.F.=FIRE FIGHTING SHELTER
D.G.=DIESEL GENERATOR SHELTER

BVC= BEGIN OF VERTICAL CURVE STATION
EVC= END OF VERTICAL CURVE STATION
EVC= END OF VERTICAL CURVE ELEVATION
PVI= POINT OF VERTICAL INTERSECTION
F.T.=FUEL TANK
S.R.=SECURITY ROOM
S.G.=SWITCH GEAR
W.T.=WATER TANK



REV.	DESCRIPTION	BY	DATE	BY	DATE
***	*****	***	*****	***	*****
CHECKED					
APPR.					
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THERE ARE THE PROPERTY OF N.I.S.O.C./ FIELDS					
BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W007S WHF & EXTENSION OF BINAK B/C					
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.	
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED					
APPROVED FOR CONSTRUCTION			BY:	DATE:	
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET
053-073-9184	F	4	S	708048	17
					D00



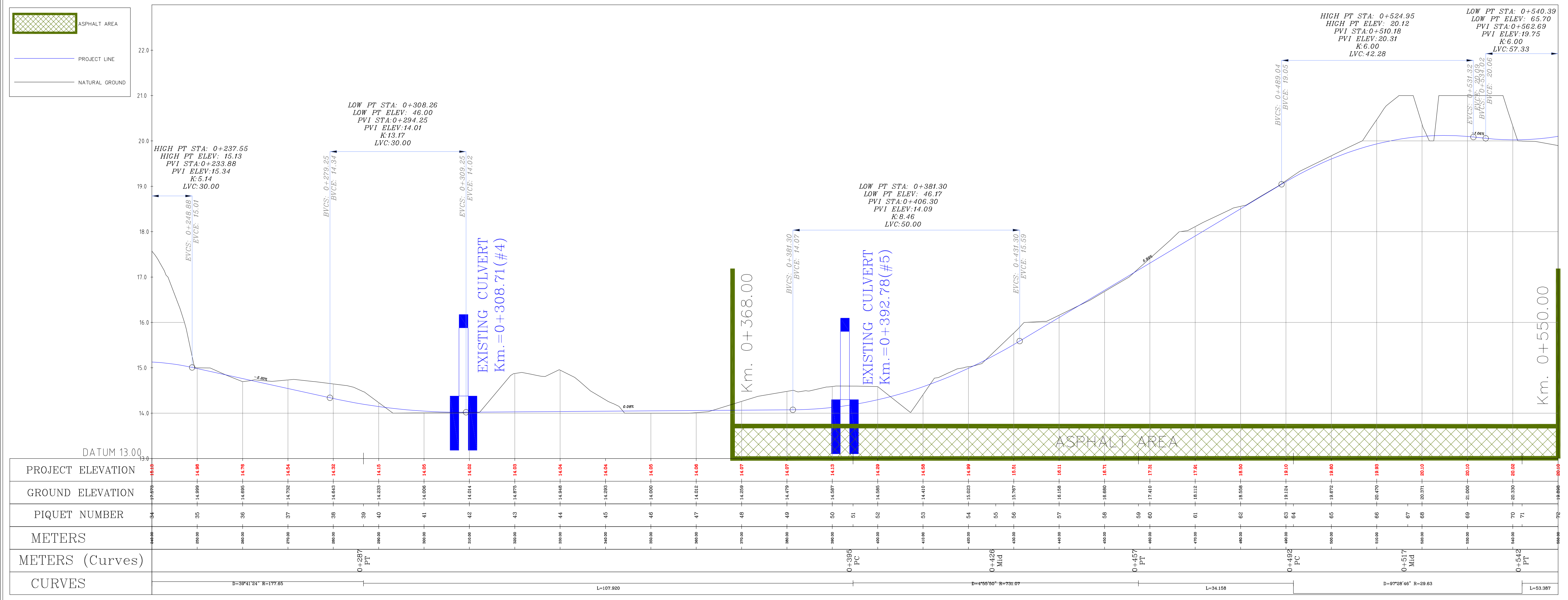
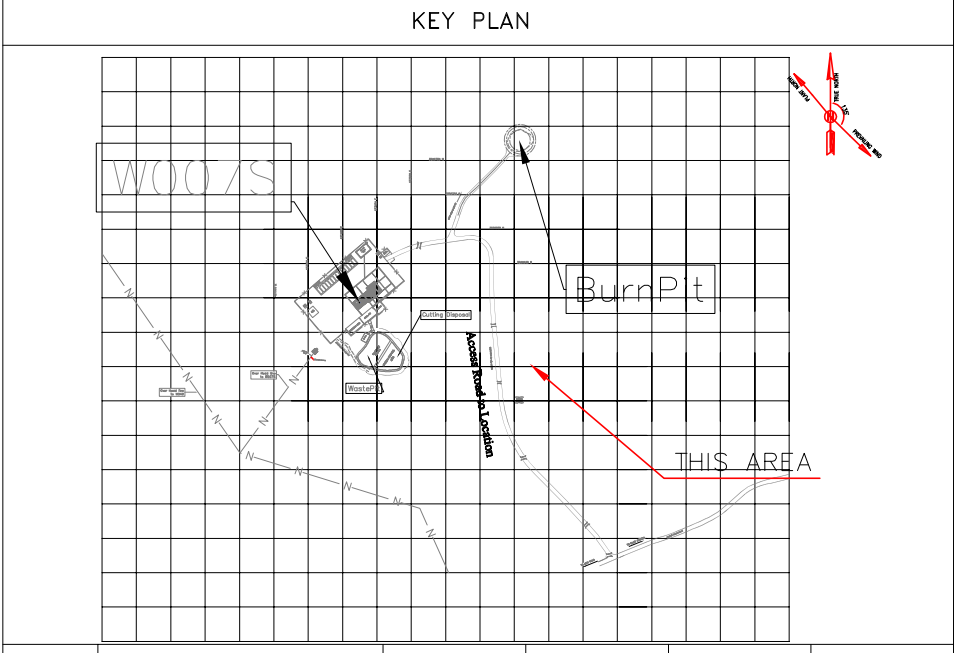
- NOTES**
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HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
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 - "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
 - PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRL-PEDCO-000-CV-SP-0004".
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 - 8- ACCORDING TO BASIC DOCUMENTS, 500 METERS OF TOTAL LENGTH OF ACCESS ROAD SHALL BE REPAIRED AND RECONSTRUCTED.

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

REFERENCE DRAWING	DRG. No.
CIVIL AND STRUCTURAL DRAWINGS - W007S	BK-W007S-PEDCO-110-CV-PY-0002
Rough Grading Plans-W007S	BK-W007S-PEDCO-110-CV-DW-0001
Specification For Earth Work	BK-GNRL-PEDCO-000-CV-SP-0004
Standard Drawing For Slope Protection Details	BK-GNRL-PEDCO-000-CV-DW-0002
Geotechnical Investigation Report -W007S	BK-W007S-PEDCO-110-GT-R1-0001
Specification For Road & Paving	BK-GNRL-PEDCO-000-CV-SP-0002
MTO For Civil Works - W007S	BK-W007S-PEDCO-110-CV-MT-0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK-GNRL-PEDCO-000-CV-DW-0014
Standard Drawing For A/G Pipeline Road Crossing	BK-GNRL-PEDCO-000-PL-DW-0005
PLOT PLAN DRAWING - W007S	BK-W007S-PEDCO-110-PI-PY-0002
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK-GNRL-PEDCO-000-PL-DW-0013
OVER HEAD LINE PLAN AND PROFILE - W007S	BK-W007S-PEDCO-110-SU-DW-0002

ABBREVIATION
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ABBREVIATION
BVCS= BEGIN OF VERTICAL CURVE STATION
EVCS= END OF VERTICAL CURVE STATION
EVCE= END OF VERTICAL CURVE ELEVATION
PVI= POINT OF VERTICAL INTERSECTION
F.T.=FUEL TANK
S.S.=SECURITY ROOM
S.G.=SWITCH GEAR
W.T.=WATER TANK



Curve Table: Alignments					
Curve #	Radius	Length	Chord Direction	Start Point	End Point
C3	177.65	123.06	N25° 19' 45.78"W	(437681.96,3290295.38)	(437630.36,3290404.40)
C4	731.07	62.91	N3° 01' 08.67"W	(437620.05,3290511.83)	(437616.73,3290574.63)
C5	29.63	50.42	N49° 17' 36.85"W	(437616.40,3290608.79)	(437582.63,3290637.85)

Station	Northing	Easting
0+250.00	3290368.54	437637.59
0+260.00	3290378.16	437634.88
0+270.00	3290387.92	437632.72
0+280.00	3290397.79	437631.12
0+290.00	3290407.73	437630.04
0+300.00	3290417.69	437629.08
0+310.00	3290427.64	437628.13
0+320.00	3290437.60	437627.17
0+330.00	3290447.55	437626.22
0+340.00	3290457.50	437625.26
0+350.00	3290467.46	437624.31
0+360.00	3290477.41	437623.35
0+370.00	3290487.37	437622.39
0+380.00	3290497.32	437621.44
0+390.00	3290507.28	437620.48
0+400.00	3290517.23	437619.55

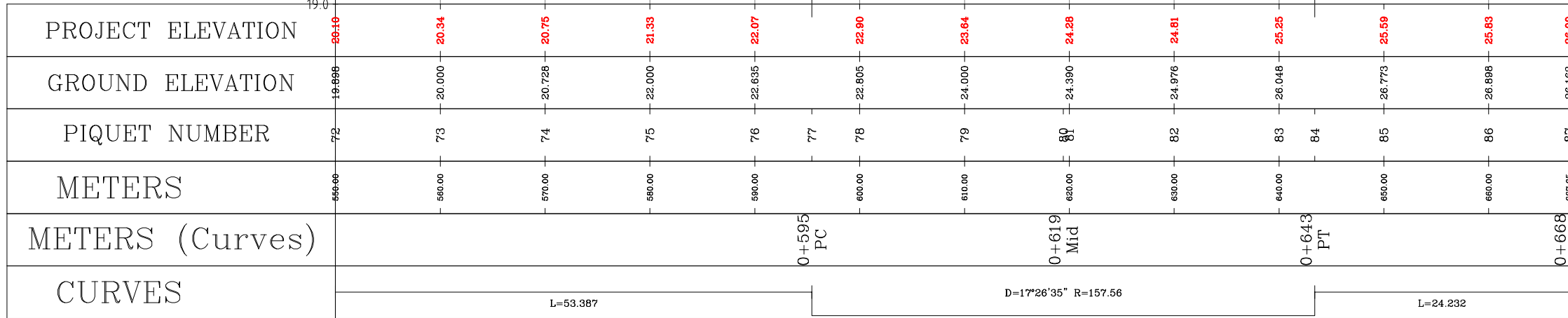
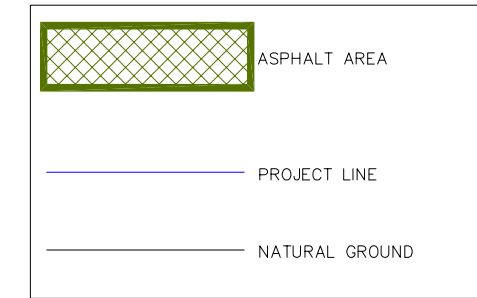
Station	Northing	Easting
0+410.00	3290527.20	437618.73
0+420.00	3290537.16	437618.06
0+430.00	3290547.16	437617.51
0+440.00	3290557.15	437617.11
0+450.00	3290567.15	437616.84
0+460.00	3290577.15	437616.71
0+470.00	3290587.15	437616.61
0+480.00	3290597.15	437616.52
0+490.00	3290607.15	437616.42
0+500.00	3290617.02	437615.15
0+510.00	3290625.94	437610.73
0+520.00	3290632.89	437603.60
0+530.00	3290637.09	437594.58
0+540.00	3290638.06	437584.68
0+550.00	3290636.74	437574.77

PI Station	Northing	Easting
0+426.05	3290543.16	437617.04
0+525.42	3290642.57	437616.08

Coordinate of Bench Marks (UTM-ZONE39)			
Points	Northing (m)	Easting (m)	Elevation (m)
D7	3290475.267	437362.452	24.936
BT7	3290540.603	437481.117	40.032
A1	3290541.169	437523.699	41.138

D00	JUL.2023	IFC	R.BERLOUE	M.FAKHARIAN	A.M.MOHSSENI	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W007S WHF & EXTENSION OF BINAK B/C						
PROJECT NO.:			971020			
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):			
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			  PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS – W007S ACCESS ROAD-PLAN and PROFILE						
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.
H=1:500 V=1:50	A1	BK–W007S–PEDCO–110–CV–PY–0002			18 OF 26	DOO

***	*****	***	*****	***	*****
REV.	DESCRIPTION	BY	DATE	BY	DATE
CHECKED					
REV. APPR.					
اخذ و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.					
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS					
BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES W007S WHF & EXTENSION OF BINAK B/C					
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.	
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED					
APPROVED FOR CONSTRUCTION			BY:	DATE:	
053-073-9184	F	4	S	708048	18
DOO					

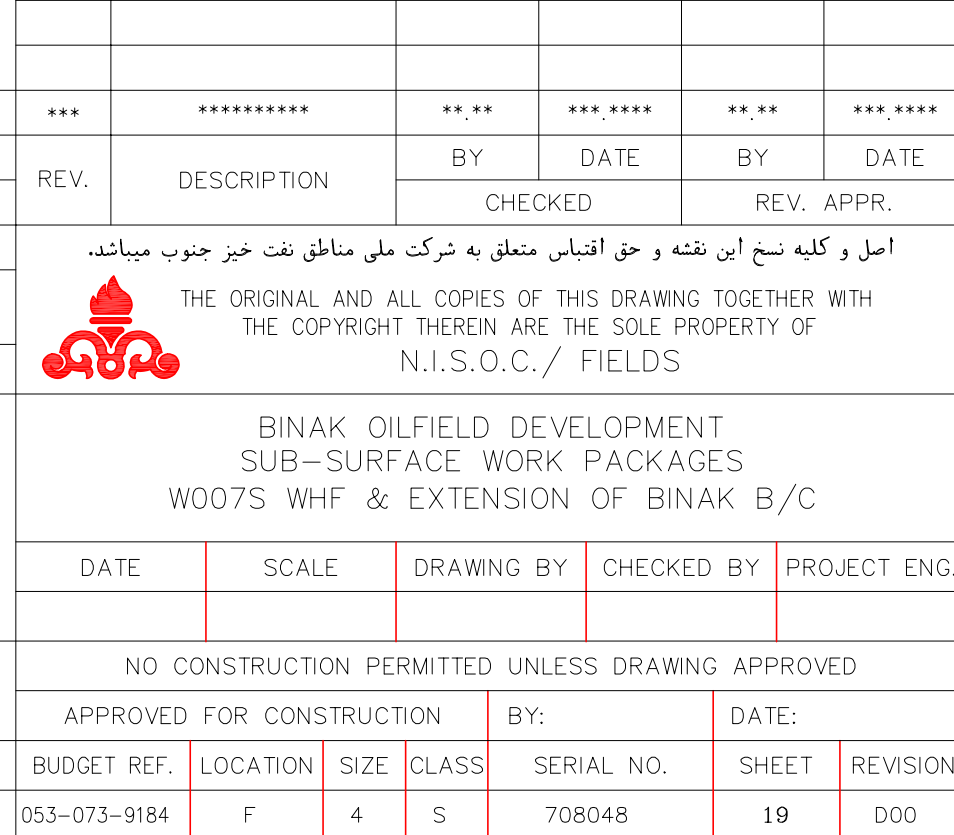


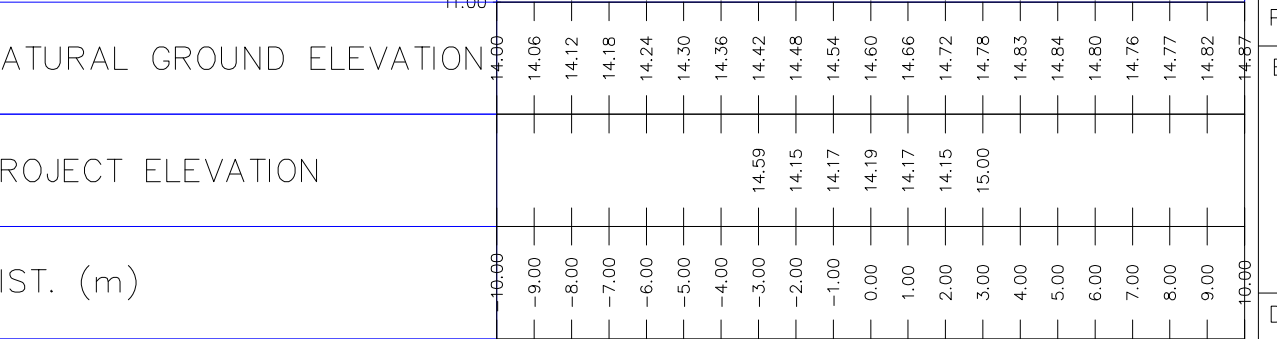
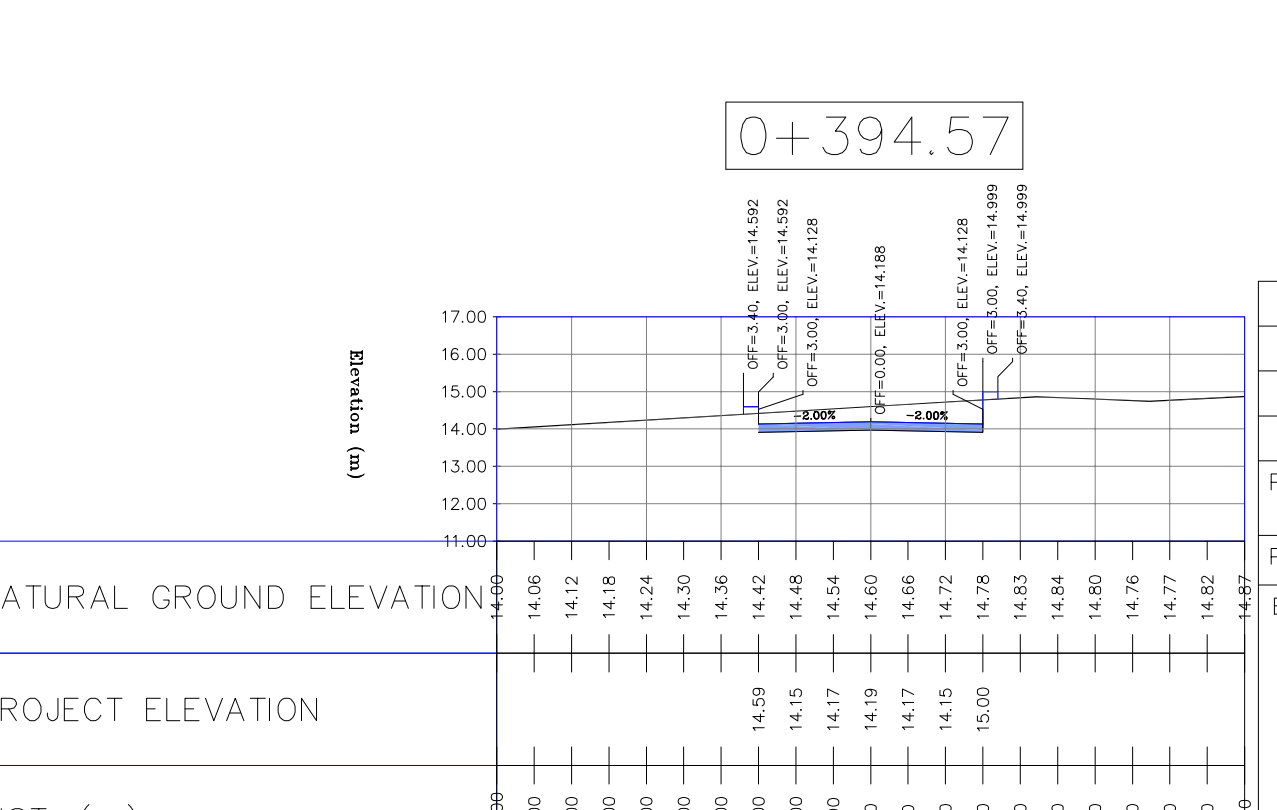
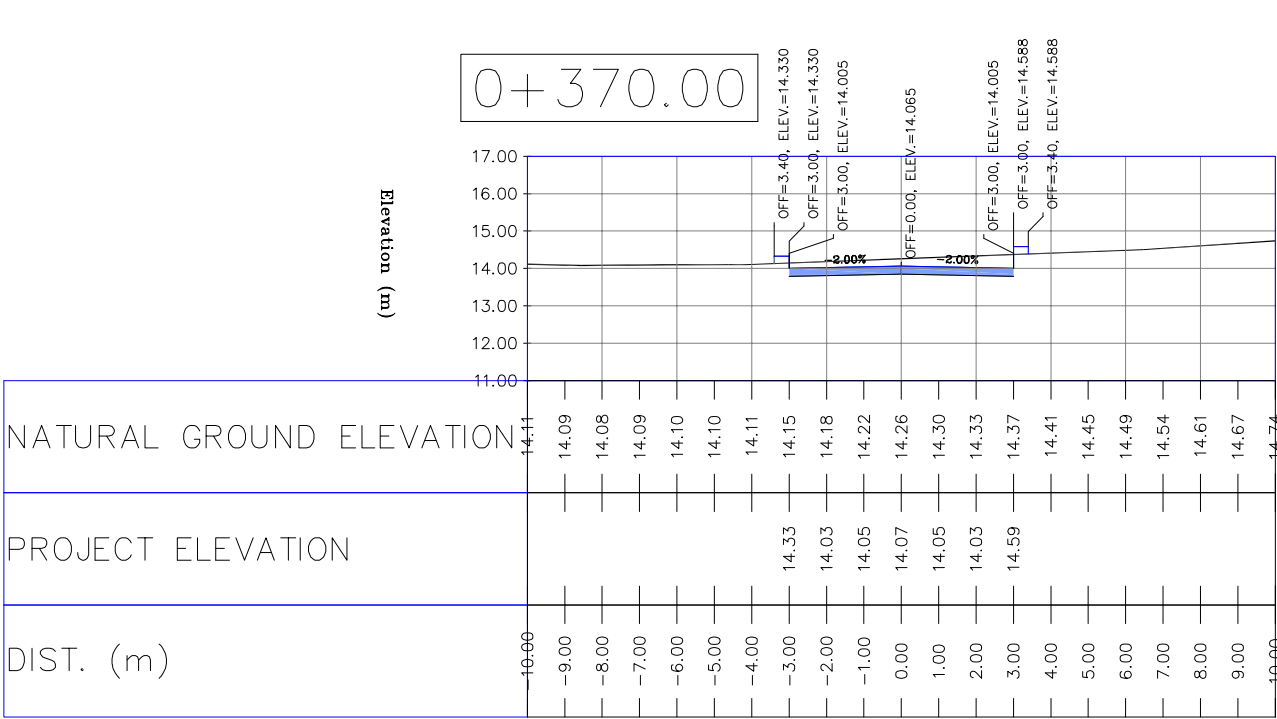
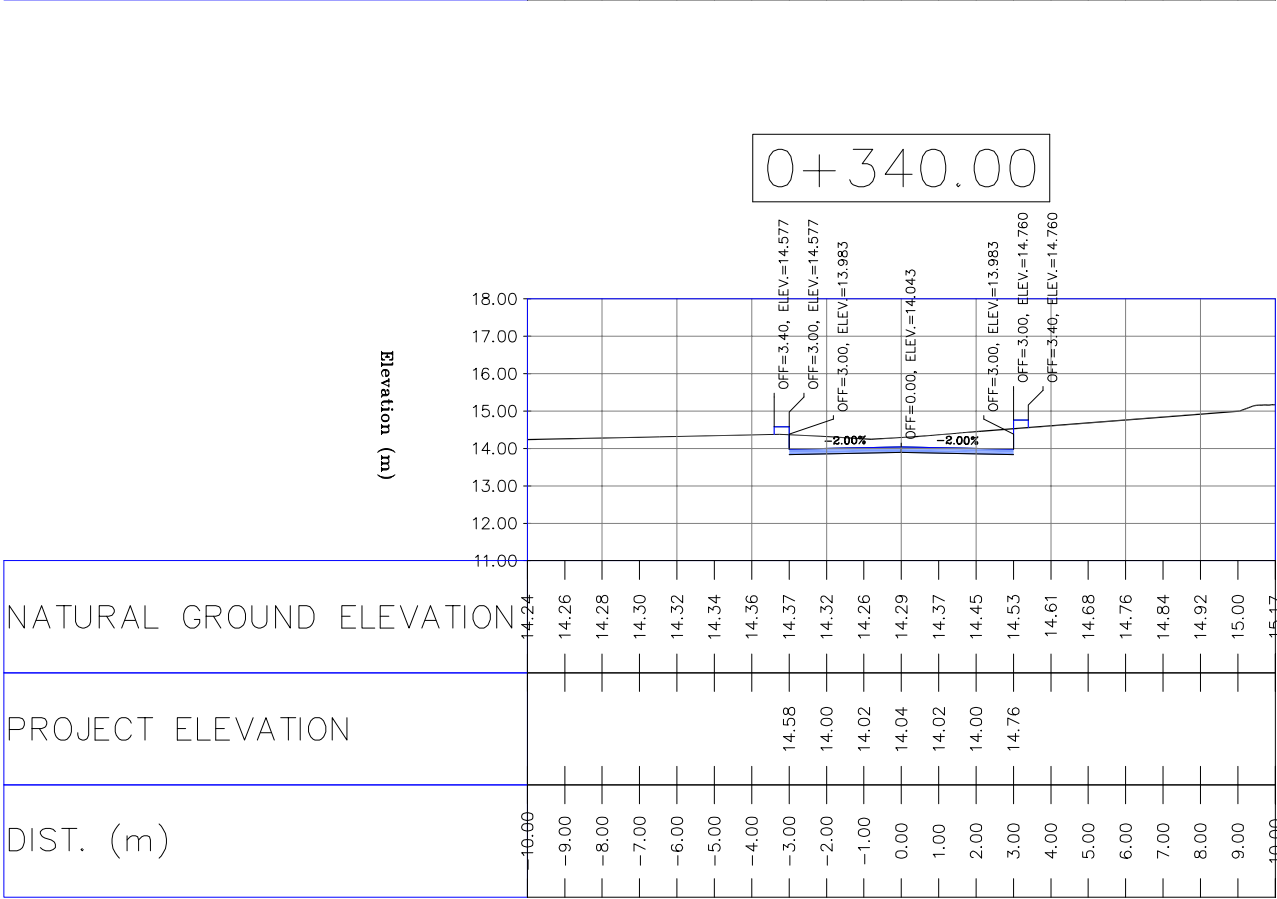
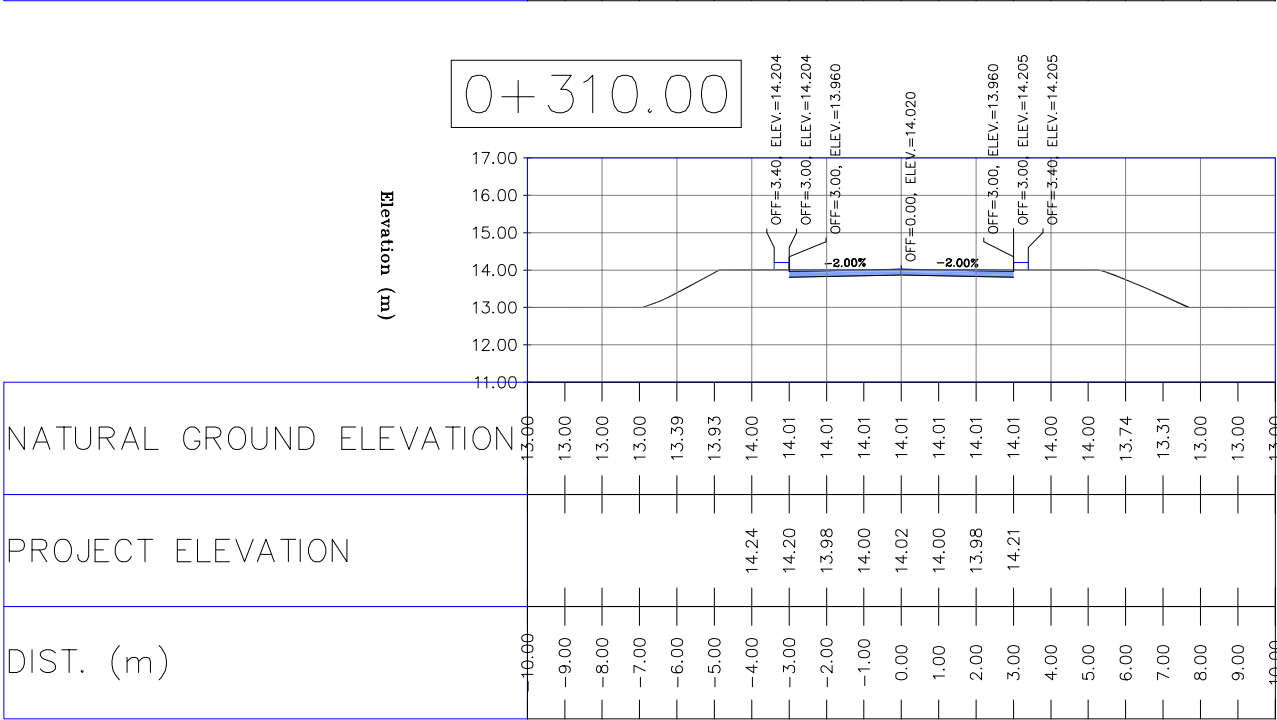
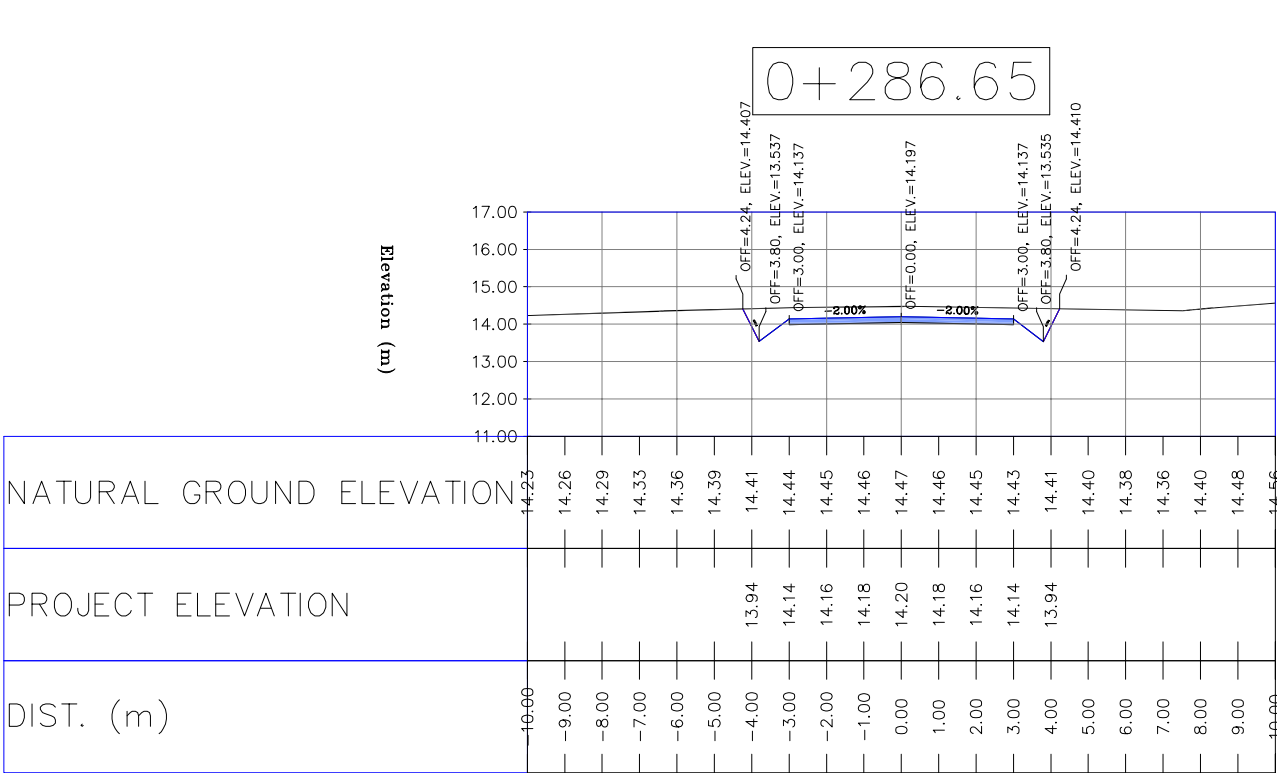
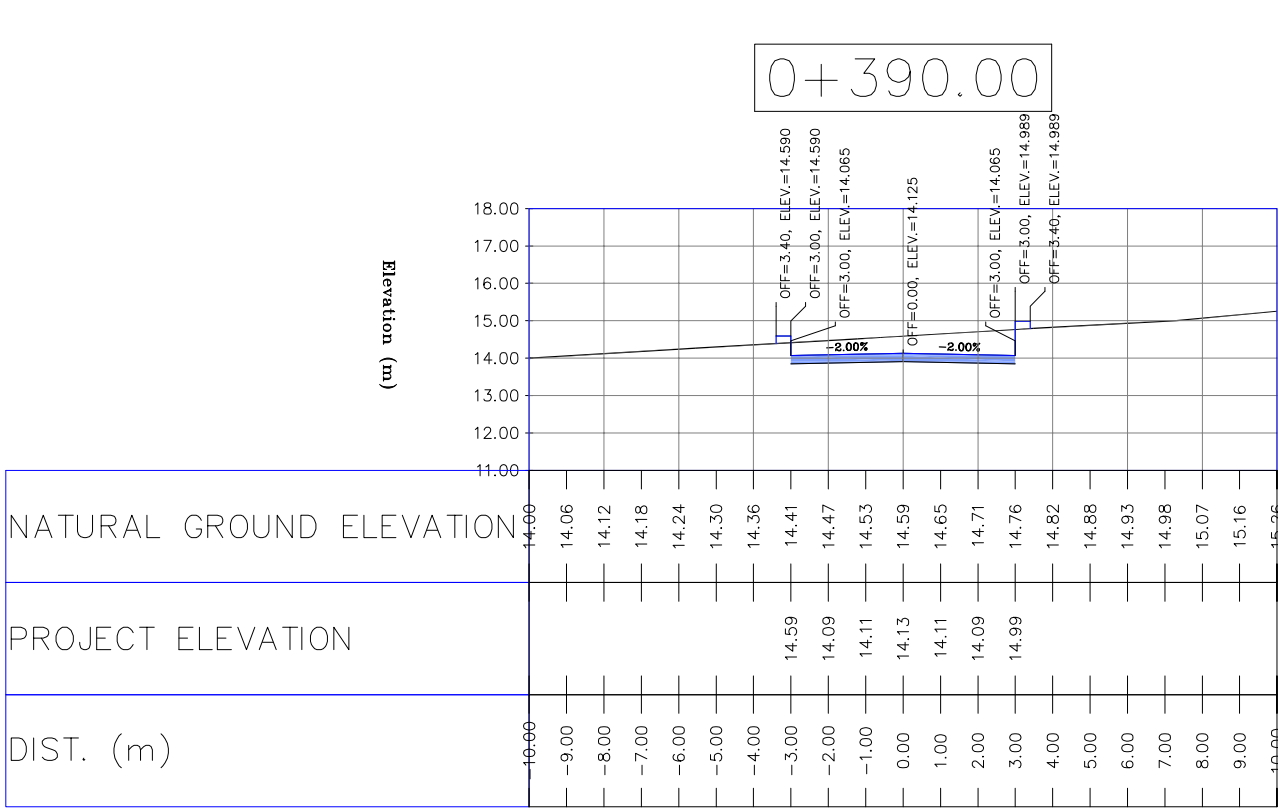
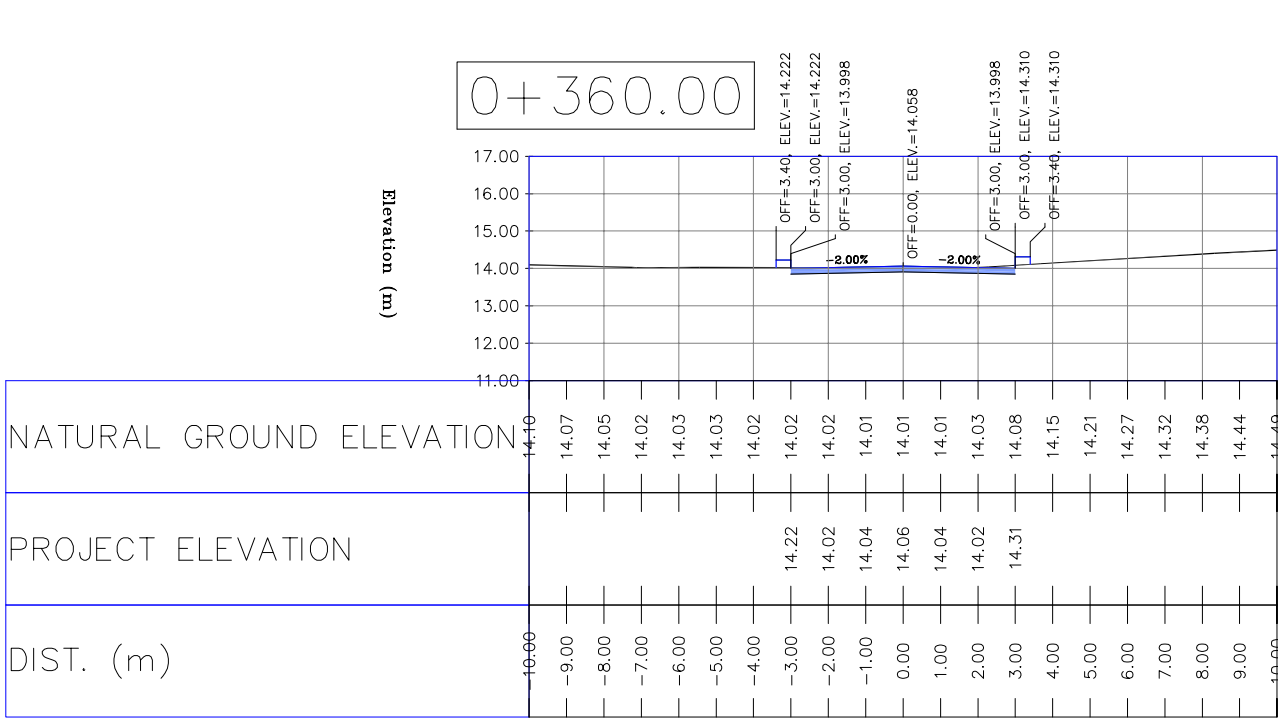
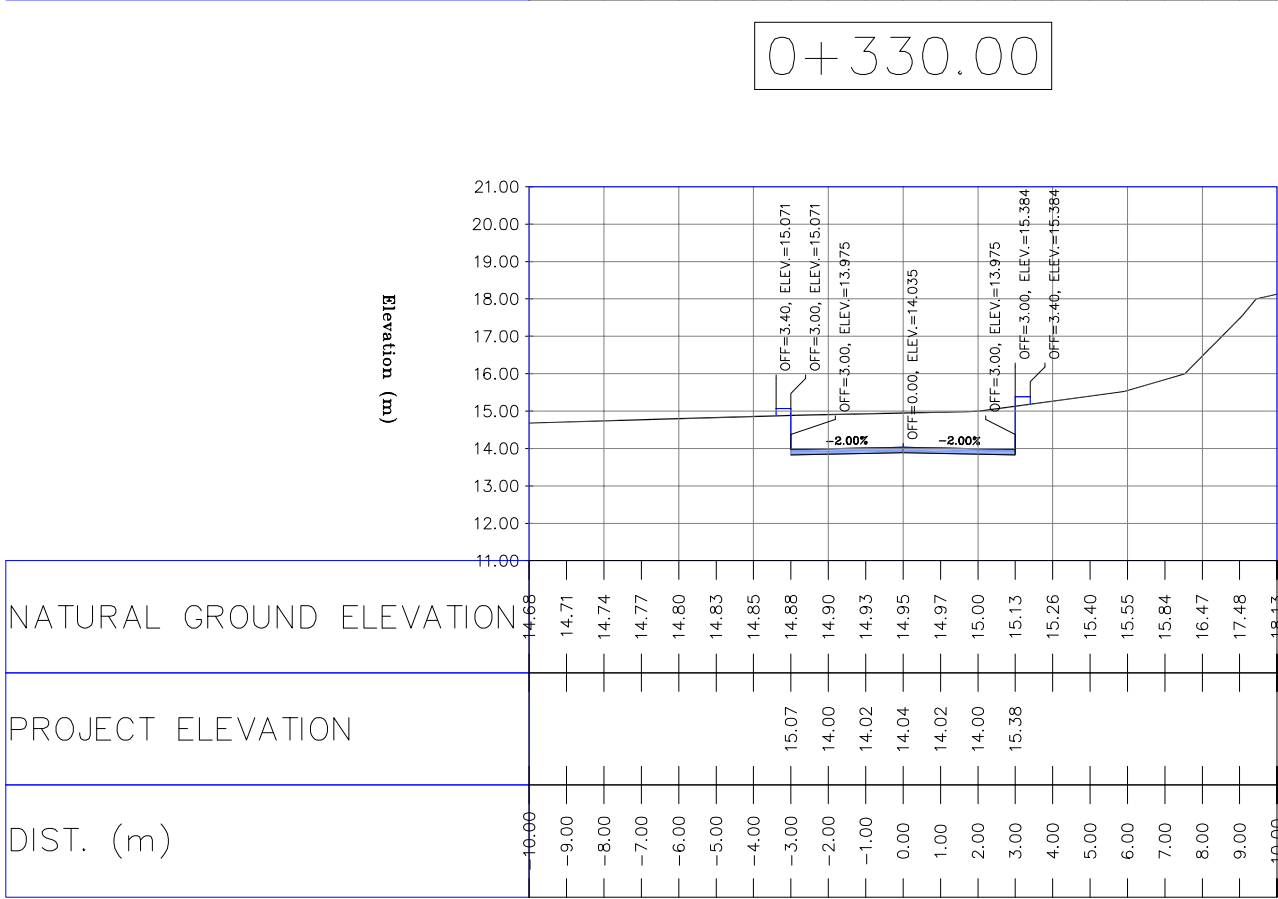
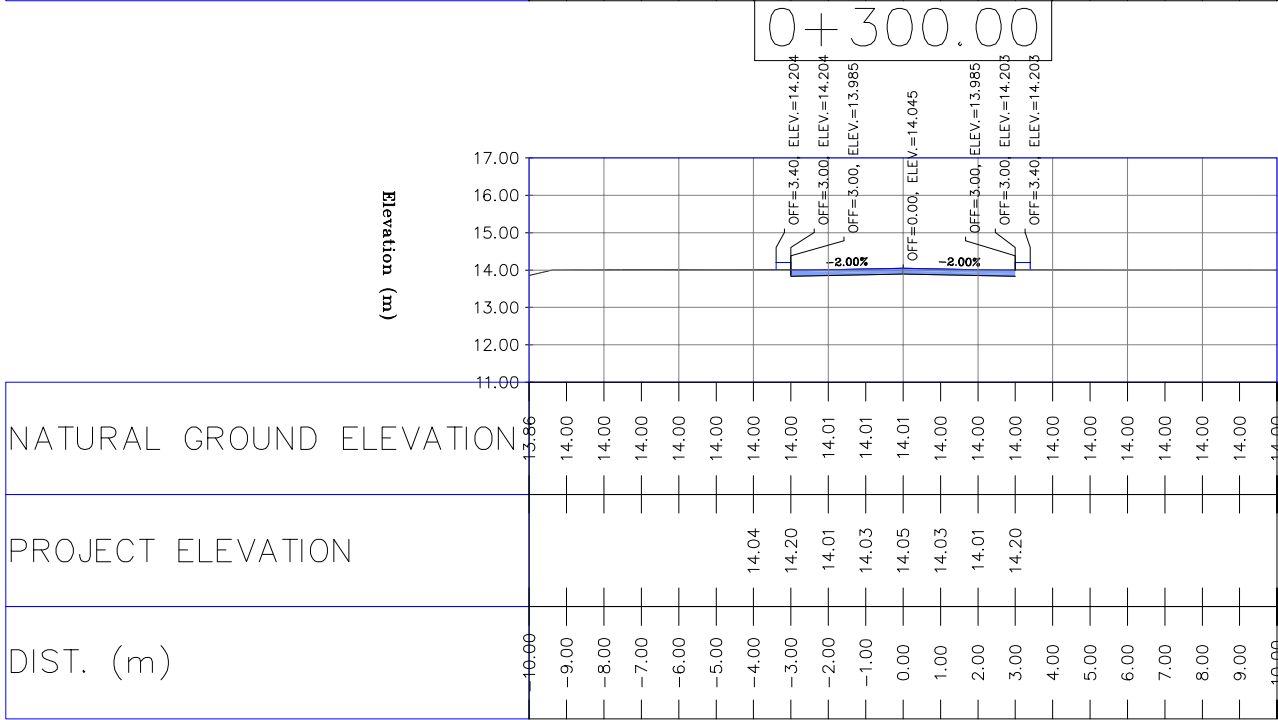
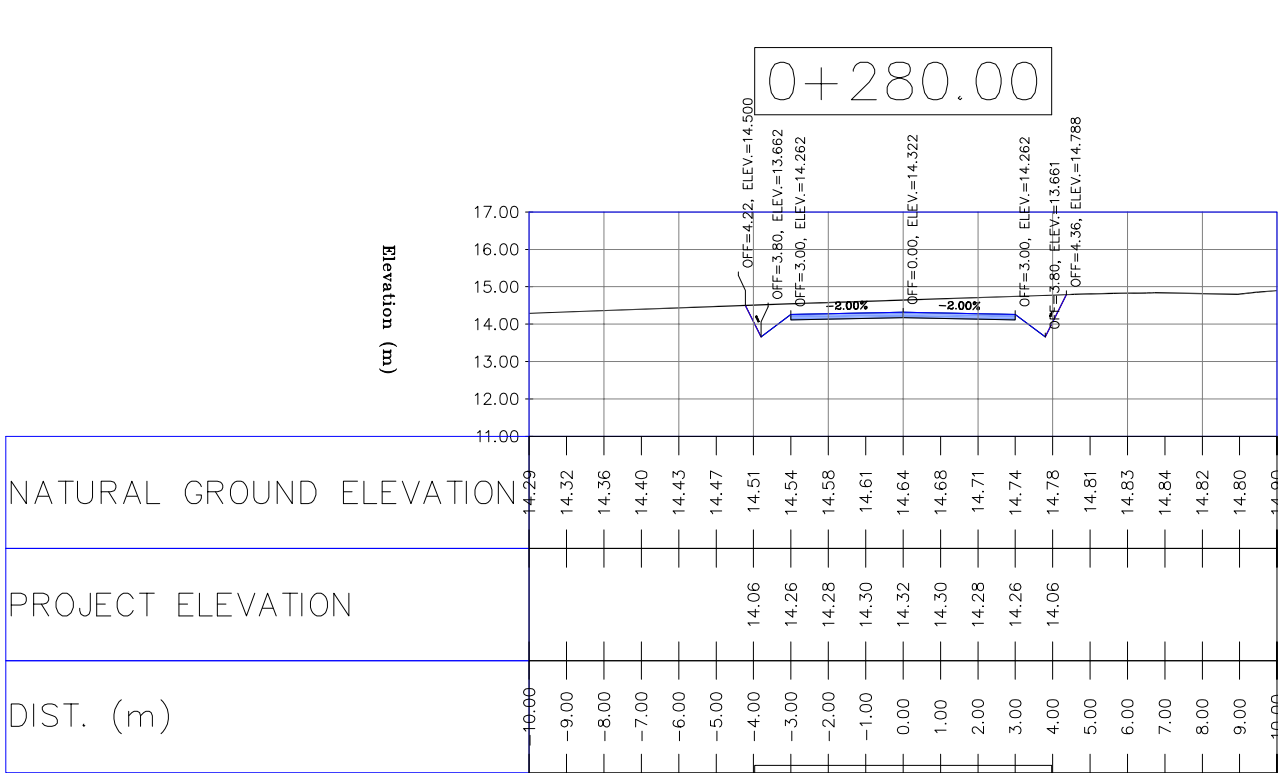
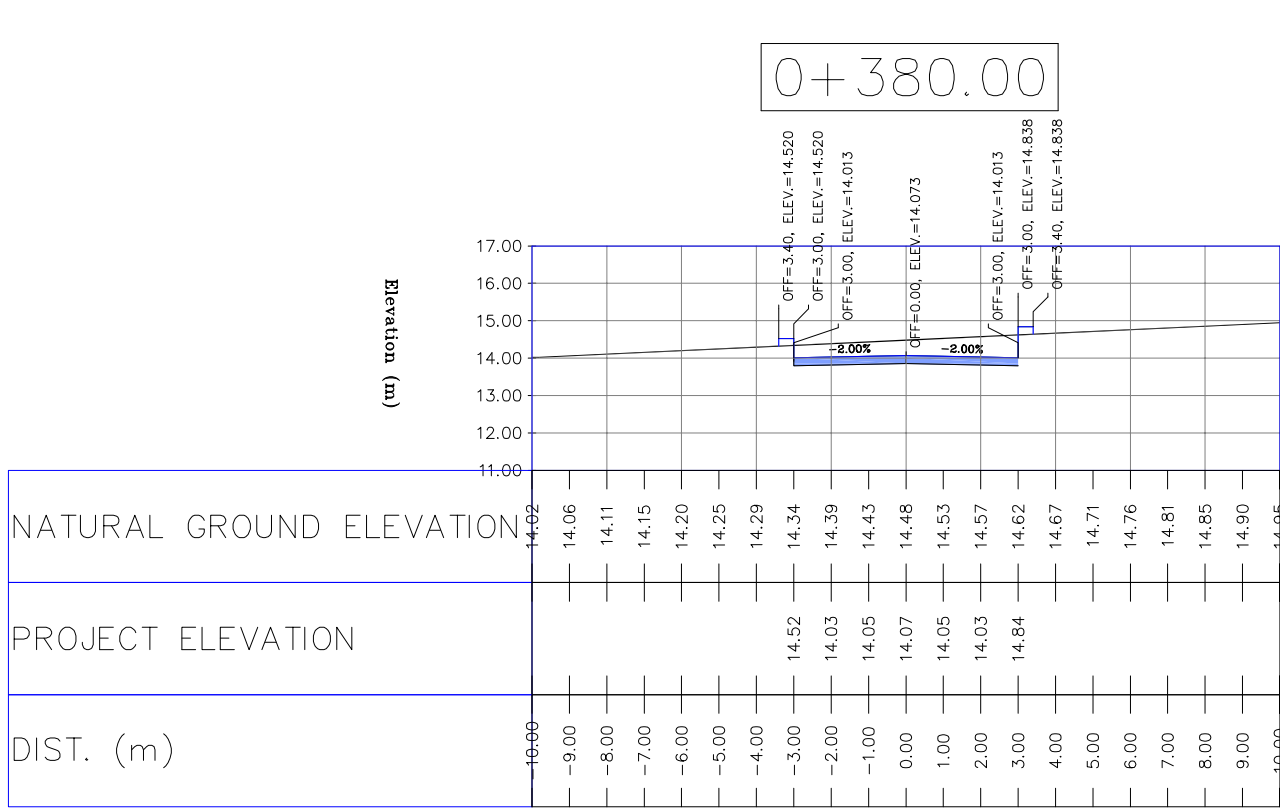
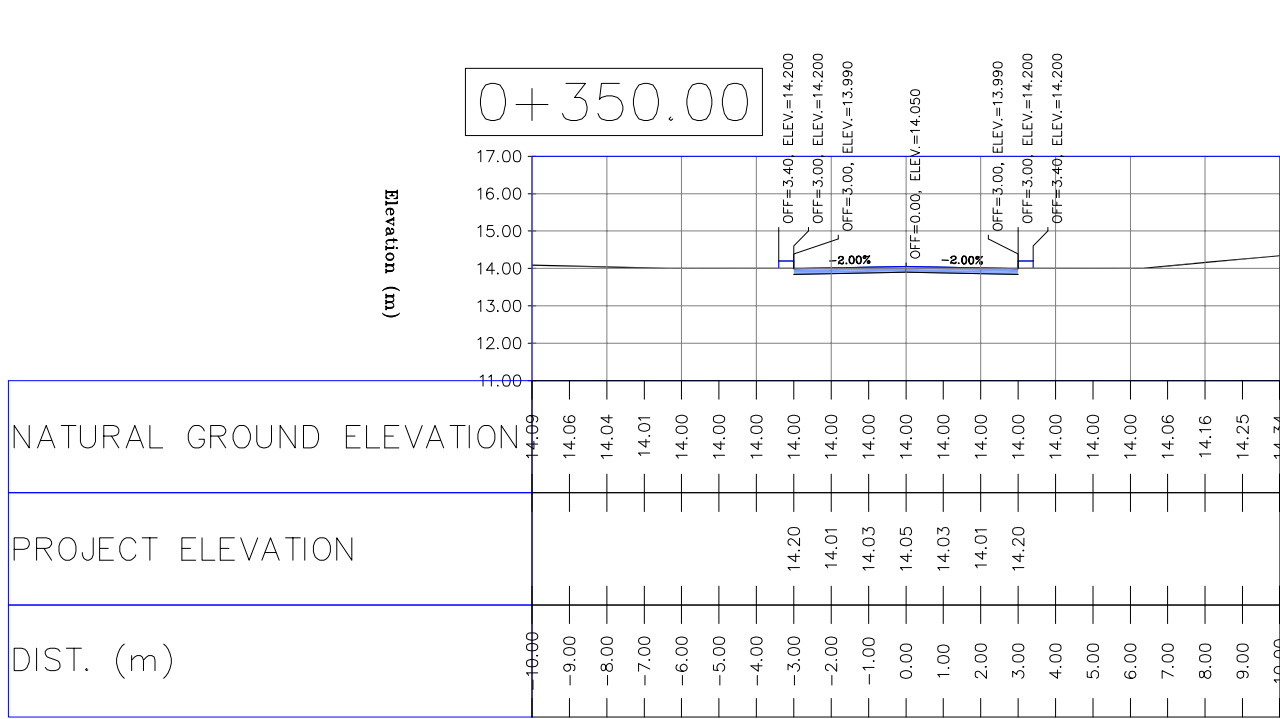
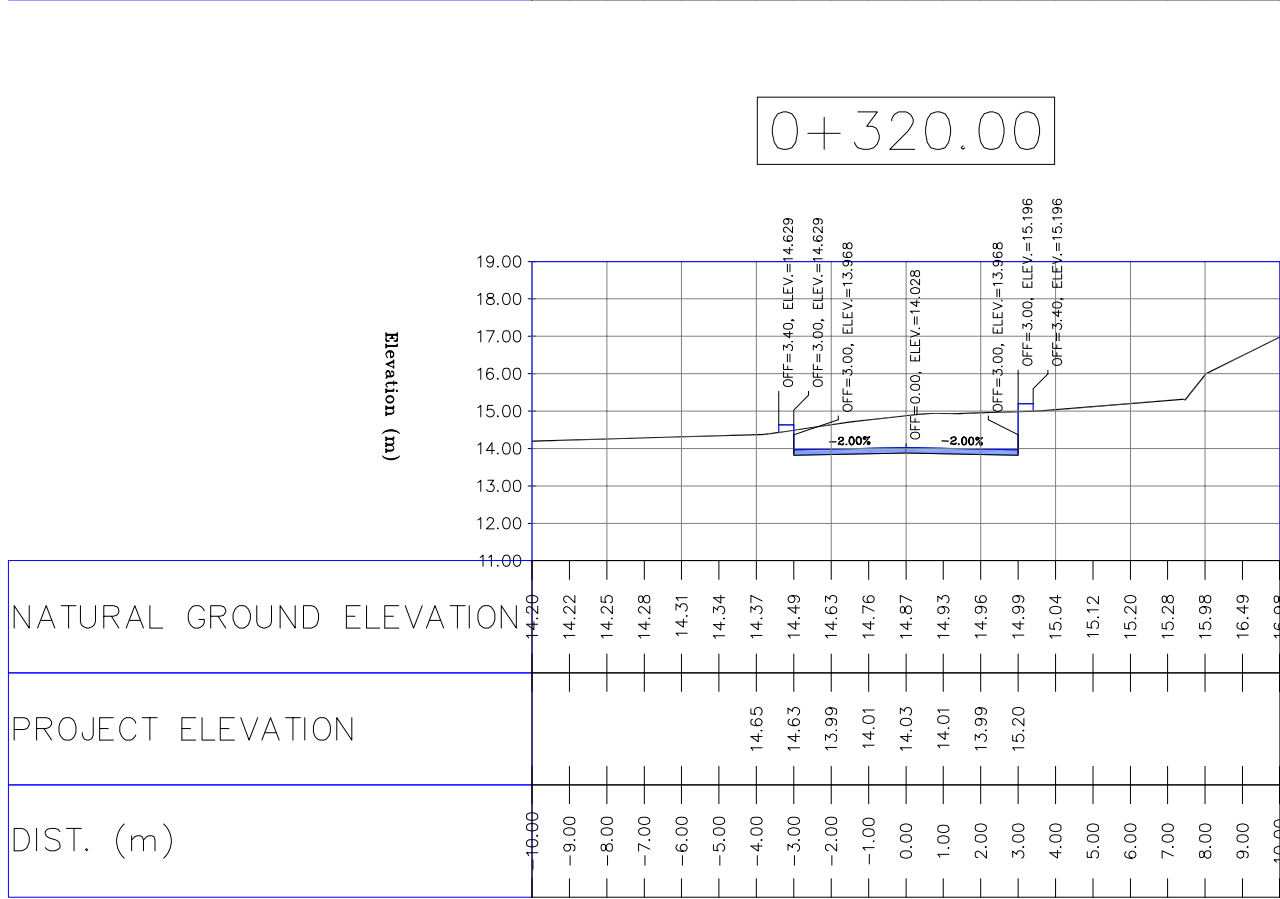
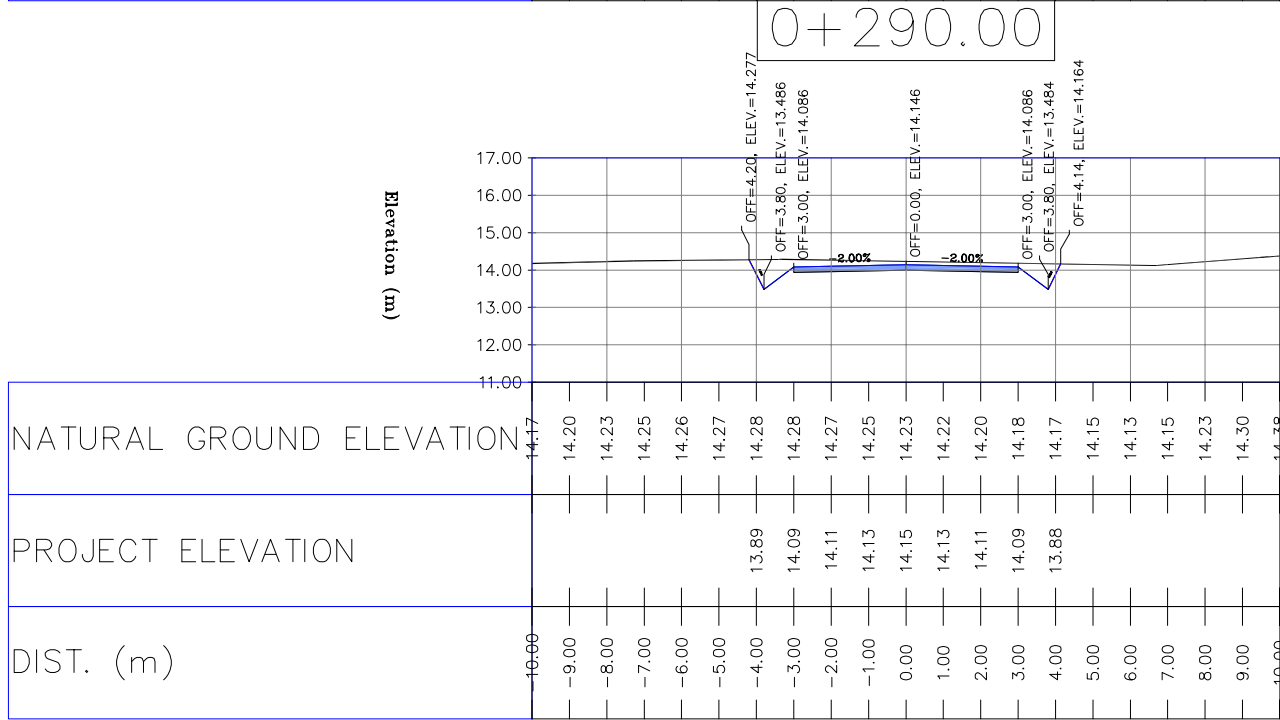
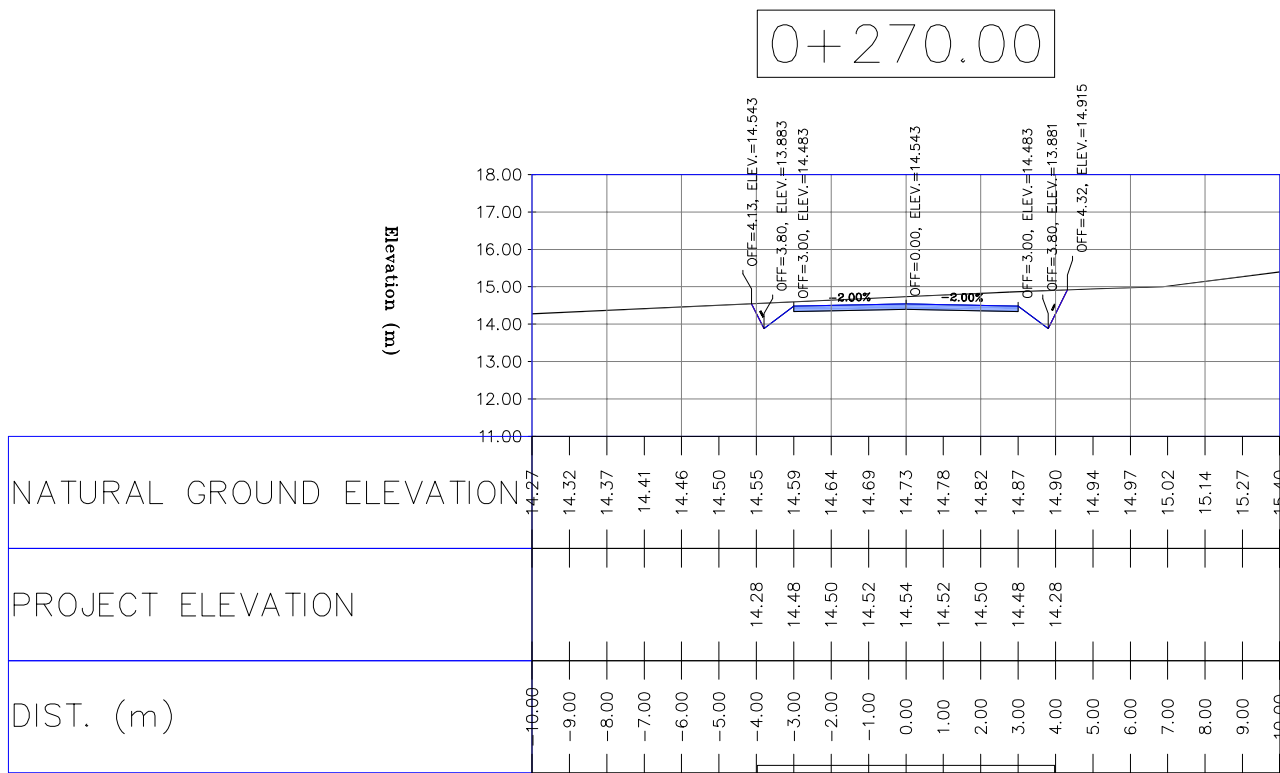
Station	Northing	Easting	PI Station	Northing	Easting
0+560.00	3290635.34	437564.86	0+619.62	3290627.01	437505.83
0+570.00	3290633.94	437554.96	0+667.65	3290606.19	437462.14
0+580.00	3290632.54	437545.06			
0+590.00	3290631.15	437535.16			
0+600.00	3290629.68	437525.27			
0+610.00	3290627.69	437515.47			
0+620.00	3290625.08	437505.82			
0+630.00	3290621.86	437496.35			
0+640.00	3290618.04	437487.11			
0+650.00	3290613.78	437478.07			
0+660.00	3290609.48	437469.04			
0+667.65	3290606.19	437462.14			

D00	JUL.2023	IFC	R.BERLOUE	M.FAKHRIAN	A.M.MOHEINI	** **			
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.			
PROJECT NAME:							BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W007S WHF & EXTENSION OF BINAK B/C		
PROJECT NO.:							971020		
EPC CONTRACTOR:						EPD/EPC CONTRACTOR (GC):			
  HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES						 PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE: CIVAL AND STRUCTURAL DRAWINGS – W007S ACCESS ROAD-PLAN AND PROFILE									
DRAWING NO.									
SCALE H=1:500 V=1:50	SIZE A1	BK-W007S-PEDCO-110-CV-PY-0002					SHEET NO. 19 OF 26	REV. DOO	

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

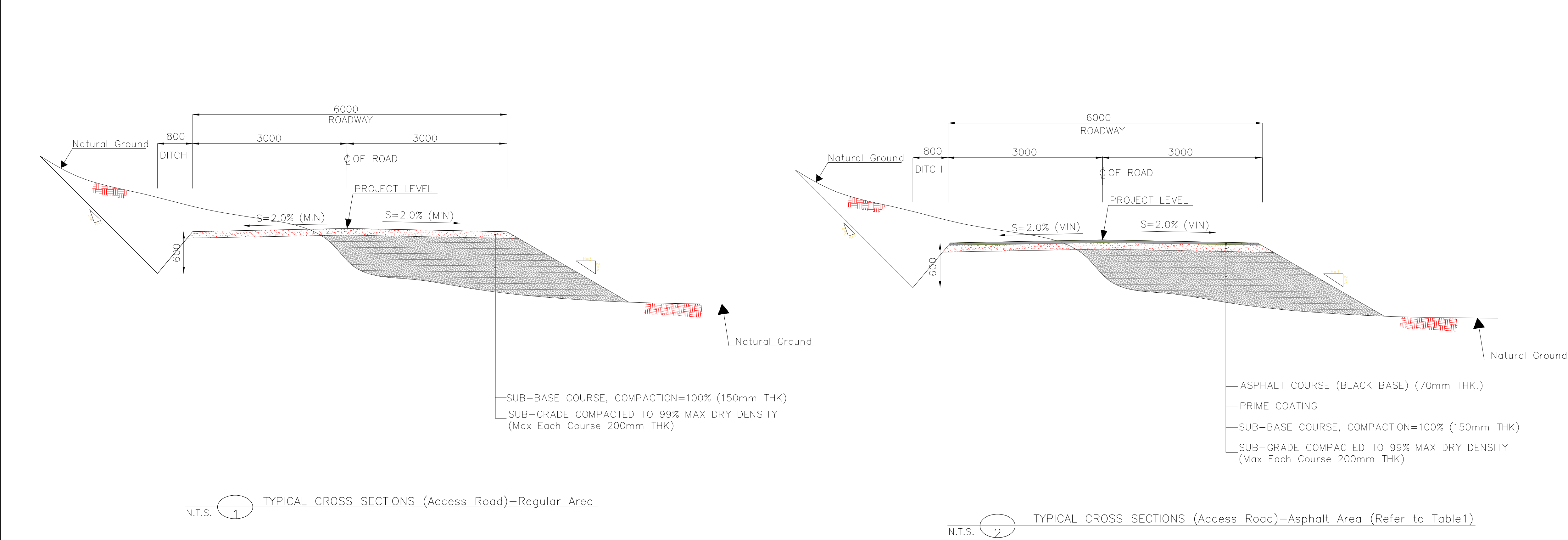
ABBREVIATION	
B.P.=BEGIN OF PLAN	BVC= BEGIN OF VERTICAL CURVE STATION
E.P.=END OF PLAN	BVE= BEGIN OF VERTICAL CURVE ELEVATION
P.T.=POINT OF TANGENT	E= END OF VERTICAL CURVE STATION
P.C.=POINT OF CURVATURE	EVCE= END OF VERTICAL CURVE
LVC= LENGTH OF VERTICAL CURVE	PVI= POINT OF VTICAL INTERSECTION
EX-EXITING	F.T.=FUEL TANK
F.F.=FIRE FIGHTING SHELTER	F.R.=FIRE SECURITY ROOM
D.G.= DIESEL GENERATOR SHELTER	S.G.=SWITCH GEAR
	W.T.=WATER TANK





DOO	JUL.2023	IFC	R.BERLOUE	M.FAKHARIAN	A.M.MOHSENI	** **	
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES W007S WHF & EXTENSION OF BINAK B/C							
PROJECT NO.: 971020							
EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES				EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE: CIVIL AND STRUCTURAL DRAWINGS - W007S ACCESS ROAD-CROSS SECTIONS							
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	
H=1:200 V=1:200	A1	BK-W007S-PEDCO-110-CV-PY-0002			21 OF 26	DOO	

NOTES			
1- ALL COORDINATES AND ELEVATIONS ARE IN METER.			
2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.			
3-GEOETIC PARAMETERS FOR COORDINATES ARE AS BELOW: HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39 ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84) MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM) VERTICAL DATUM: MEAN SEA LEVEL			
4-THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES: - PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART. - "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION. - PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK-GNRL-PEDCO-000-CV-SP-0004". - GEOTECHNICAL REPORTS AND CLIENT'S SITE SUPERVISORY BODY RECOMMENDATIONS AND APPROVALS.			
5-BEFORE ANY EARTH WORK ACTIVITIES (CUT OR FILL), TOP AND UNSUITABLE SOIL (MARN, ...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.			
6-PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK-SSGRL-PEDCO-110-PI-DW-0001			
7-BASED ON THE SUPERVISOR'S REQUIREMENTS, PART OF THE EXISTING RETAINING WALLS (ABOUT 150 CUBIC METERS) WILL BE REPAIRED (EXACT LOCATION WILL BE DETERMINED AND ADJUSTED AT SITE).			
8-ACCORDING TO BASIC DOCUMENTS, 500 METERS OF TOTAL LENGTH OF ACCESS ROAD SHALL BE REPAIRED AND RECONSTRUCTED.			
LEGEND			
	WELL		EX. BURN PIT LINE
	POWER TOWER POWER POLE		NEW BURN PIT LINE
	BENCH MARK		NEW FLOW LINE
	TOPOGRAPHY POINTS		EX. FLOW LINE
	Existing GRAVEL ROAD		CHANNEL
	New GRAVEL ROAD		RIVER
	New ASPHALT ROAD		EX. RETAINING WALL
	BUILDING		SITE (WELL)
	CONCRETE AREA		CAMP SITE
	POWER LINE		EXISTING CULVERT
	OPTICAL FIBER		NEW CULVERT
	CONTOURS		EXISTING CULVERT (SHALL BE DEMOLISHED)
	WATER COURSE		SEPTIC
	FENCE		BURNPIT
REFERENCE DRAWING		DRG. No.	
CIVIL AND STRUCTURAL DRAWINGS - W007S		BK-W007S-PEDCO-110-CV-PY-0002	
Rough Grading Plans-W007S		BK-W007S-PEDCO-110-CV-DW-0001	
Specification For Earth Work		BK-GNRL-PEDCO-000-CV-SP-0004	
Standard Drawing For Slope Protection Details		BK-GNRL-PEDCO-000-CV-DW-0002	
Geotechnical Investigation Report -W007S		BK-W007S-PEDCO-110-GT-R1-0001	
Specification For Road & Paving		BK-GNRL-PEDCO-000-CV-SP-0002	
MTO For Civil Works - W007S		BK-W007S-PEDCO-110-CV-MT-0001	
STANDARD DRAWING FOR CULVERT & DETAILS		BK-GNRL-PEDCO-000-PL-DW-0014	
Pipeline Standard Drawing For A/G Pipeline Road Crossing		BK-GNRL-PEDCO-000-PL-DW-0005	
PLOT PLAN DRAWING - W007S		BK-W007S-PEDCO-110-PI-PY-0002	
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT		BK-GNRL-PEDCO-000-PL-DW-0013	
OVER HEAD LINE PLAN AND PROFILE - W007S		BK-W007S-PEDCO-110-SU-DW-0002	
ABBREVIATION			
B.P.=BEGIN OF PLAN E.P.=END OF PLAN PC= POINT OF TANGENT PVI= POINT OF CURVATURE LVC= LENGTH OF VERTICAL CURVE EX=EXISTING F.F.=FIRE FIGHTING SHELTER D.G.=DIESEL GENERATOR SHELTER		BVCS= BEGIN OF VERTICAL CURVE STATION BVCE= BEGIN OF VERTICAL CURVE ELEVATION EVC= END OF VERTICAL CURVE STATION EVC= END OF VERTICAL CURVE ELEVATION PVI= POINT OF VERTICAL INTERSECTION F.T.=FUEL TANK S.R.=SECURITY ROOM S.S.=SWITCH GEAR W.T.=WATER TANK	
KEY PLAN			



N.T.S. 1 TYPICAL CROSS SECTIONS (Access Road)–Regular Area

N.T.S. 2 TYPICAL CROSS SECTIONS (Access Road)–Asphalt Area (Refer to Table1)

TABLE 1–ROAD PAVEMENT SPECIFICATION

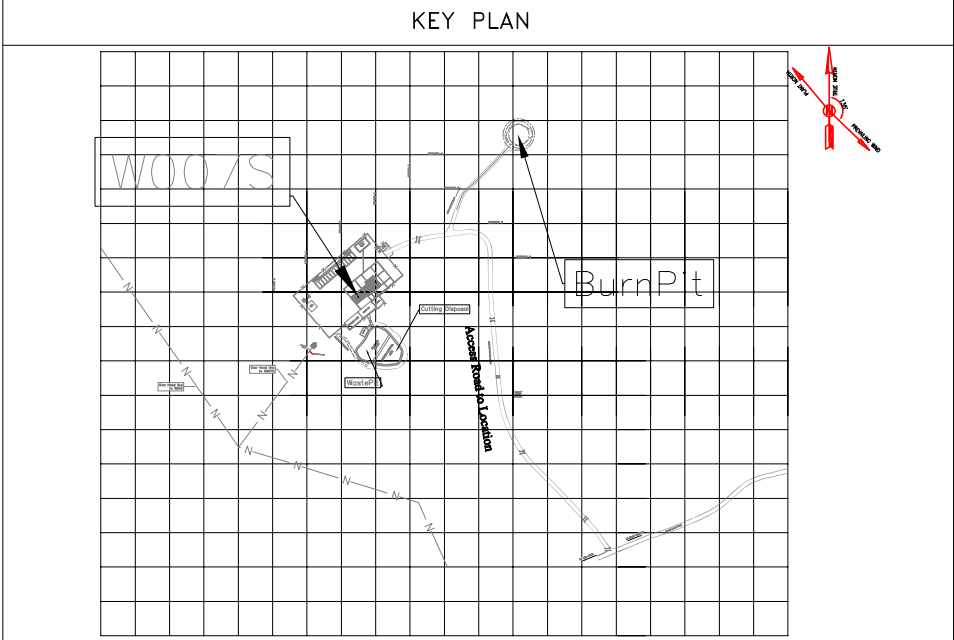
NAME	KM START	KM END	LENGTH(m)	DESCRIPTION
AREA1	0+167.00	0+367.00	200	TYPICAL SECTION #1
AREA2	0+367.00	0+667.00	300	TYPICAL SECTION #2

Coordinate of Bench Marks (UTM–ZONE39)			
Points	Northing (m)	Easting (m)	Elevation (m)
D7	3290475.267	437362.452	24.936
BT7	3290540.603	437481.117	40.032
A1	3290541.169	437523.699	41.138

- NOTES
- 1– ALL COORDINATES AND ELEVATIONS ARE IN METER.
 - 2– ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.
 - 3–GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MEAN SEA LEVEL
 - 4–THE SUITABLE MATERIAL FOR FILLING SHALL BE COLLECTED BASED ON TO THE BELOW RULES:
 - PROJECT GEOTECHNICAL INVESTIGATION REPORT, BORROW MATERIALS AND SPECIFICATION STUDY PART.
 - "GENERAL SPECIFICATION FOR ROAD" NO. 101, SECTION 207, IRAN PLANNING AND BUDGET ORGANIZATION.
 - PROJECT GENERAL SPECIFICATION "SPECIFICATION FOR EARTH WORK" DOCUMENT NUMBER "BK–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 AND UNSUITABLE SOIL (MARN...) SHALL BE REMOVED AS GEOTECHNICAL RECOMMENDATION AND SUPERVISOR'S REQUIREMENTS.
 - 6–PIPE SUPPORT NUMBERS AND SPACING SHALL BE BASED ON: BK–SSGRL–PEDCO–110–PI–DW–0001
 - 7–BASED ON THE SUPERVISOR'S REQUIREMENTS, PART OF THE EXISTING RETAINING WALLS (ABOUT 150 CUBIC METERS) WILL BE REPAIRED (EXACT LOCATION WILL BE DETERMINED AND ADJUSTED AT SITE).
 - 8–ACCORDING TO BASIC DOCUMENTS, 500 METERS OF TOTAL LENGTH OF ACCESS ROAD SHALL BE REPAIRED AND RECONSTRUCTED.

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

REFERENCE DRAWING	DRG. No.
CIVIL AND STRUCTURAL DRAWINGS – W007S	BK–W007S–PEDCO–110–CV–PY–0002
Rough Grading Plans–W007S	BK–W007S–PEDCO–110–CV–DW–0001
Specification For Earth Work	BK–GNRAL–PEDCO–000–CV–SP–0004
Standard Drawing For Slope Protection Details	BK–GNRAL–PEDCO–000–CV–DW–0002
Geotechnical Investigation Report –W007S	BK–W007S–PEDCO–110–GT–RT–0001
Specification For Road & Paving	BK–GNRAL–PEDCO–000–CV–SP–0002
MTO For Civil Works – W007S	BK–W007S–PEDCO–110–CV–MT–0001
STANDARD DRAWING FOR CULVERT & DETAILS	BK–GNRAL–PEDCO–000–CV–DW–0014
Standard Drawing For A/G Pipeline Road Crossing	BK–GNRAL–PEDCO–000–PL–DW–0005
PLOT PLAN DRAWING – W007S	BK–W007S–PEDCO–110–PI–PY–0002
PIPELINE STANDARD DRAWING FOR COVER SLABS AND SET-ON-WEIGHT	BK–GNRAL–PEDCO–000–PL–DW–0013
OVER HEAD LINE PLAN AND PROFILE – W007S	BK–W007S–PEDCO–110–SU–DW–0002
ABBREVIATION	
B.P.=BEGIN OF PLAN E.P.=END OF PLAN PT= POINT OF TANGENT PC= POINT OF CURVATURE LVC= LENGTH OF VERTICAL CURVE EX=EXISTING F.F.=FIRE FIGHTING SHELTER D.G.= DIESEL GENERATOR SHELTER	BVCS= BEGIN OF VERTICAL CURVE STATION BVCE= BEGIN OF VERTICAL CURVE ELEVATION EVCS= END OF VERTICAL CURVE STATION EVCE= END OF VERTICAL CURVE ELEVATION PVI= POINT OF VERTICAL INTERSECTION F.I.=FUEL TANK S.R.=SECURITY ROOM S.G.=SWITCH GEAR W.T.=WATER TANK



						***	*****	***	***	***	***	***		
						REV.	DESCRIPTION	BY	DATE	BY	DATE			
D00	JUL.2023	IFC	R.BERLOUE	M.FAKHARIAN	A.M.MOHSENI	***		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 W007S WHF & EXTENSION OF BINAK B/C							
PROJECT NO.:							971020							
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):				BINAK OILFIELD DEVELOPMENT SUB–SURFACE WORK PACKAGES W007S WHF & EXTENSION OF BINAK B/C							
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY											
							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	
H=1:200 V=1:200	A1	BK–W007S–PEDCO–110–CV–PY–0002			25	OF 26	D00	053–073–9184	F	4	S	708048	25	D00