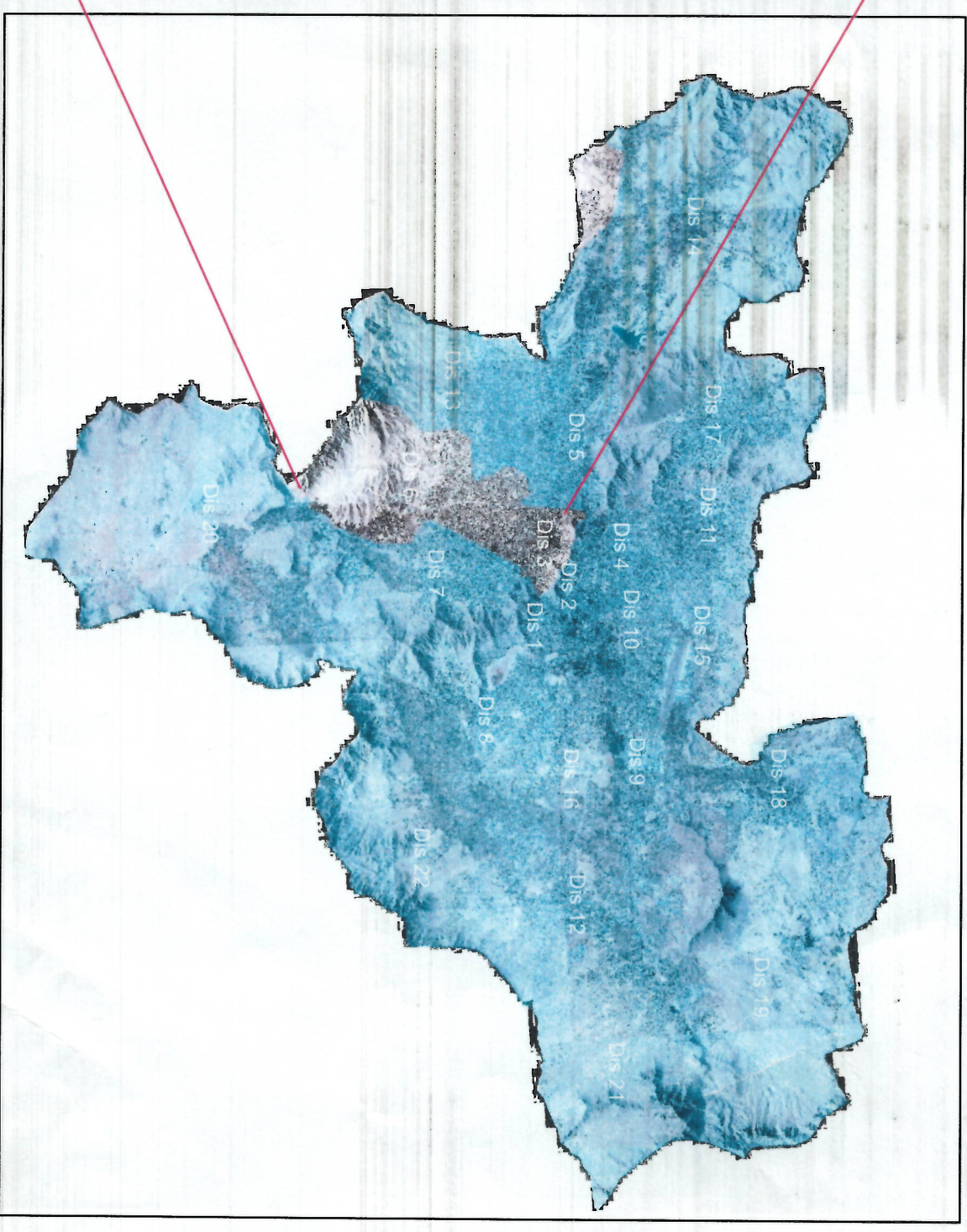


KABUL MUNICIPALITY
URBAN INFRASTRUCTURE DIRECTORATE
DESIGN DEPARTMENT



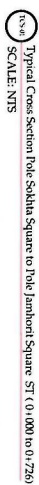
First Lot of Polu Sokhta Square to Polu Jamhoriyat Square Road Project

لات اول امور ساختمان سر ک اعتبار از چهار اهی یل سوخته الی چهار اهی یل جمهوریت



Location (3rd & 6th) Districts

1. All dimensions are in meters unless otherwise indicated.



Islamic Emirate of
Afghanistan

Designed By:

KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Road Construction Project from Pole Sokhata
Square to Pole Jamhorit Square

Drawing Title:

ROAD TYPICAL CROSS SECTION

Drawn By:	Noorvitalia Naseri	Signature:
Designed By:	Noorvitalia Naseri	Signature:
Checked By:	Hassibullah Shalizi	Signature:
Reviewed By:		Signature:

Date: 07.09.1444 Scale:

Status: **FINAL DESIGN**

Project Code

Drawing Number

01

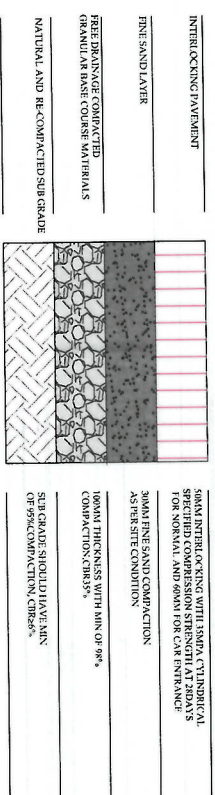
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1. All dimensions are in meters unless otherwise indicated.

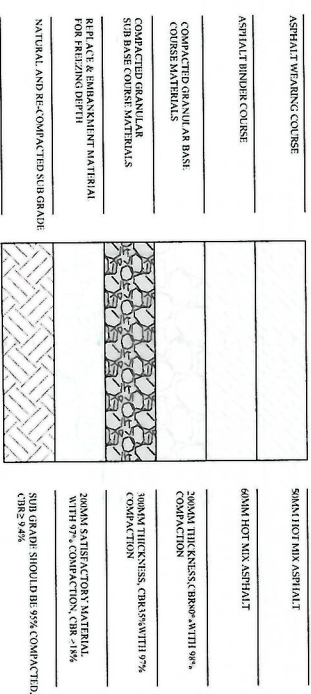


Note:

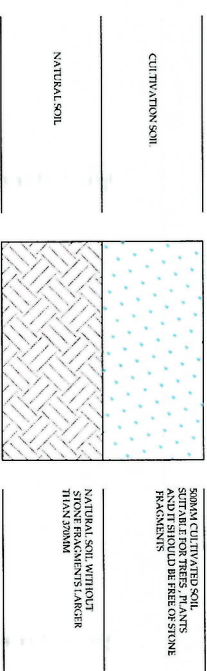
- ❖ The specified road layers/material should be applied in roundabout area as well
- ❖ The minimum CBR for sub base layer was considered 25% in Kabul municipality
- ❖ The minimum CBR for sub base layer was considered 35% CBR should be considered for sub base layer specifications but as per the pavement design



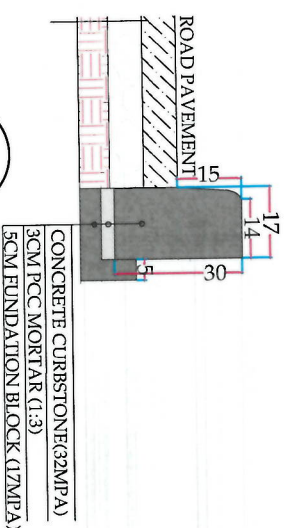
DET:02 SIDEWALK MATERIAL DETAIL
TCS(1-2) SCALE: NTS



DET:01 ROADWAY MATERIALS DETAIL
TCS(1-2) SCALE: NTS

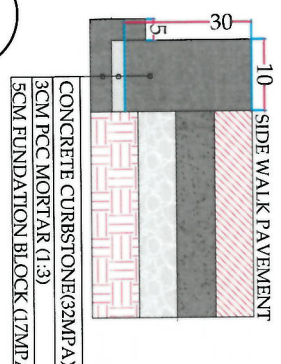


DET:03 GREEN AREA MATERIAL DETAIL
TCS(1-2) SCALE: NTS

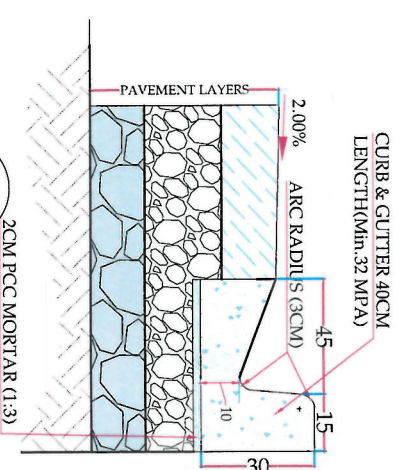


DET:04
TCS(1-2)

CURBSTONE DETAIL
SCALE: NTS



DEI:05 GUIDE STONE DETAIL (10X25X30)CM
TCSG(2) SCALE: NTS



DET-06	CURB GUTTER DETAIL
TCS(1)	SCALE - NTS

Designed By:

Islamic Emirate of
Afghanistan

KABUL MUNICIPAL
DESIGN TEAM

Project Name:
Road Construction Project from Pole Sokhata
Square to Pole Janhori Square

ROAD TYPICAL CROSS SECTION

Drawn By: Nooraylia Naseri	Signature:
Designed By Nooraylia Naseri	Signature:
Checked By Hasbiullah Shalizi	Signature:
Reviewed By	Signature:

Date: 05/05/2014

FINAL DESIGN

Project Code

Drawing Number

01

Revision

00

NOTE:
1. All dimensions are in meters unless
otherwise indicated



Rev	Date	Revision Description	Drawn	Checked	Appr

Islamic Emirate of
Afghanistan

Designed By:

KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Road Construction Project from Pole Sokhia
Square to Pole Jamhuri Square

Drawing Title:

DRAIN TYPICAL CROSS SECTION

Drawn By:
Nasrullah Naseri
Designed By:
Abdul Shakoor Khanpour
Checked By:
Hasanullah Shahidi
Reviewed By:
Sayed Ali

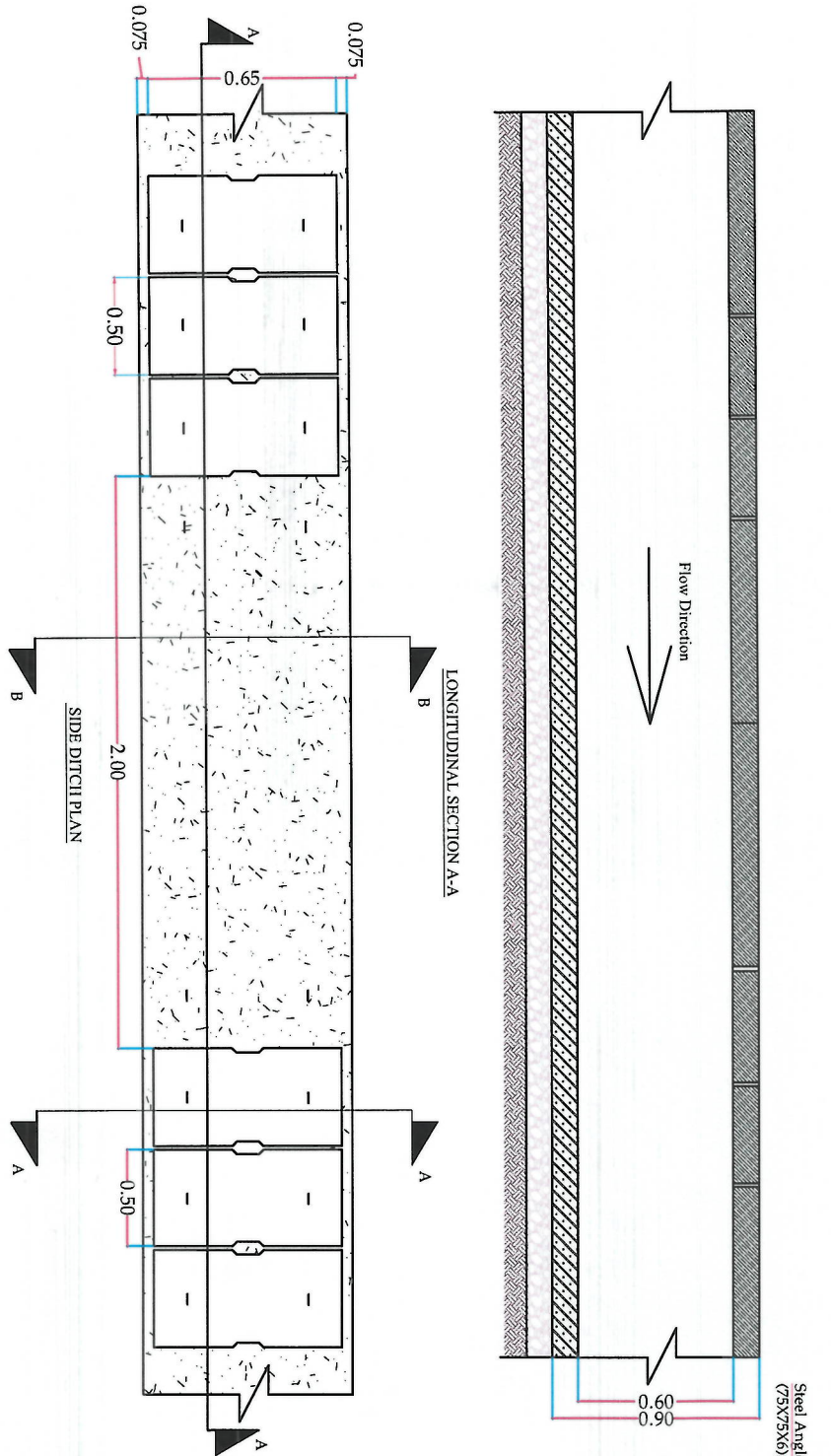
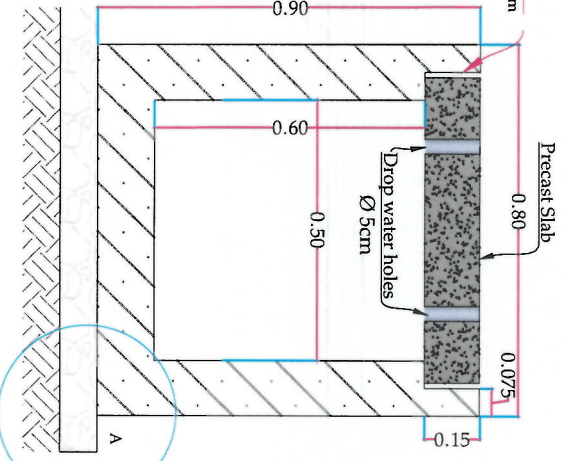
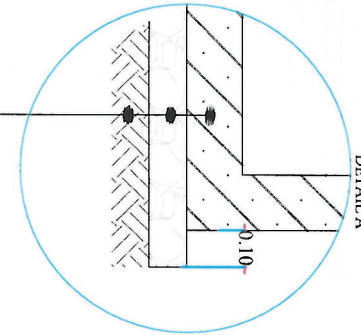
Date:
07/09/1444
Scale:

State:
FINAL DESIGN

Project Code:

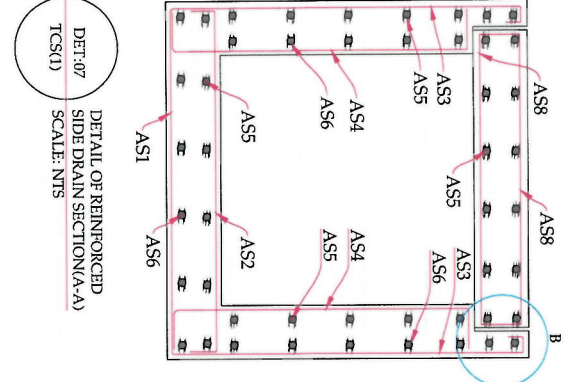
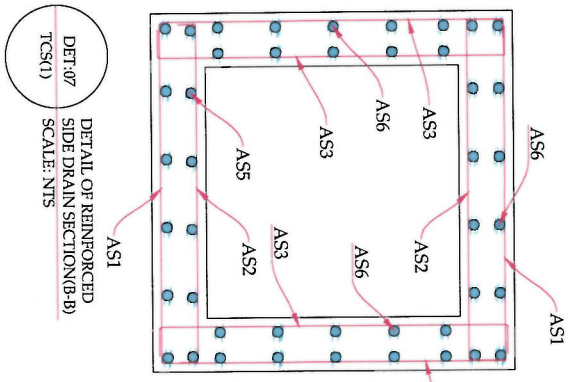
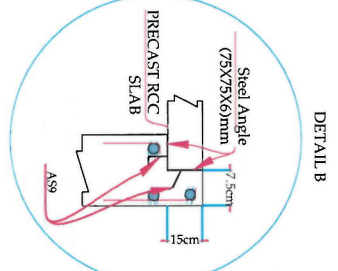
Drawing Number	Revision
02	00

RCC 15 CM (25MPA)
SATISFACTORY MATERIAL 10 CM
CBR=30% (COMPACTION=98%)
RE-COMPACTED SOIL (COMPACTION=98%)



LONGITUDINAL SECTION A-A

SIDE DITCH PLAN

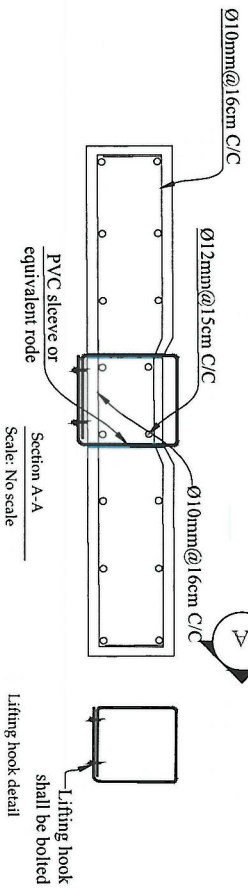


DETAIL OF REINFORCED
SIDE DRAIN SECTION(B-B)
TCS(1)
SCALE: NTS

DETAIL OF REINFORCED
SIDE DRAIN SECTION(A-A)
TCS(1)
SCALE: NTS

Bar No	Bar Shape	Ø (mm)	Spacing (mm)	Remark
A1		12	150	
A2		12	150	
A3		12	150	
A4		12	150	
A5		10	160	
A6		10	160	
A7		12	150	
A8		12	150	
A9		8	200	

Precast slab detail



Section A-A

Scale: No scale

Lifting hook detail

Lifting hook shall be bolted

NOTE:
1. All dimensions are in meters unless
otherwise indicated.



Rev	Date	Revision Details	Drawn	Check	Appd

Islamic Republic of
Afghanistan

Designed By:

KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Road Construction Project from Pole Sabha
Square to Pole Jamhuri Square

Drawing Title:

DRAIN TYPICAL CROSS SECTION

DITCH (60X30)CM REINFORCEMENT SCHEDULE				
Bar No	Bar Shape	Ø (mm)	Spacing (mm)	Remark
As1	[Diagram]	12	150	
As2		12	150	
As3	[Diagram]	12	150	
As4		12	150	
As5	[Diagram]	10	160	
As6		10	160	
As7	[Diagram]	12	150	
As8		12	150	
As9	[Diagram]	8	200	

Drawn By: Noorjila Nouri
Designed By: Ali Akbar Mansour
Checked By: Hassan Shahzad
Reviewed By: [Signature]
Signature: [Signature]
Date: 07.09.1444
Scale: Same

Status: FINAL DESIGN

Project Code:

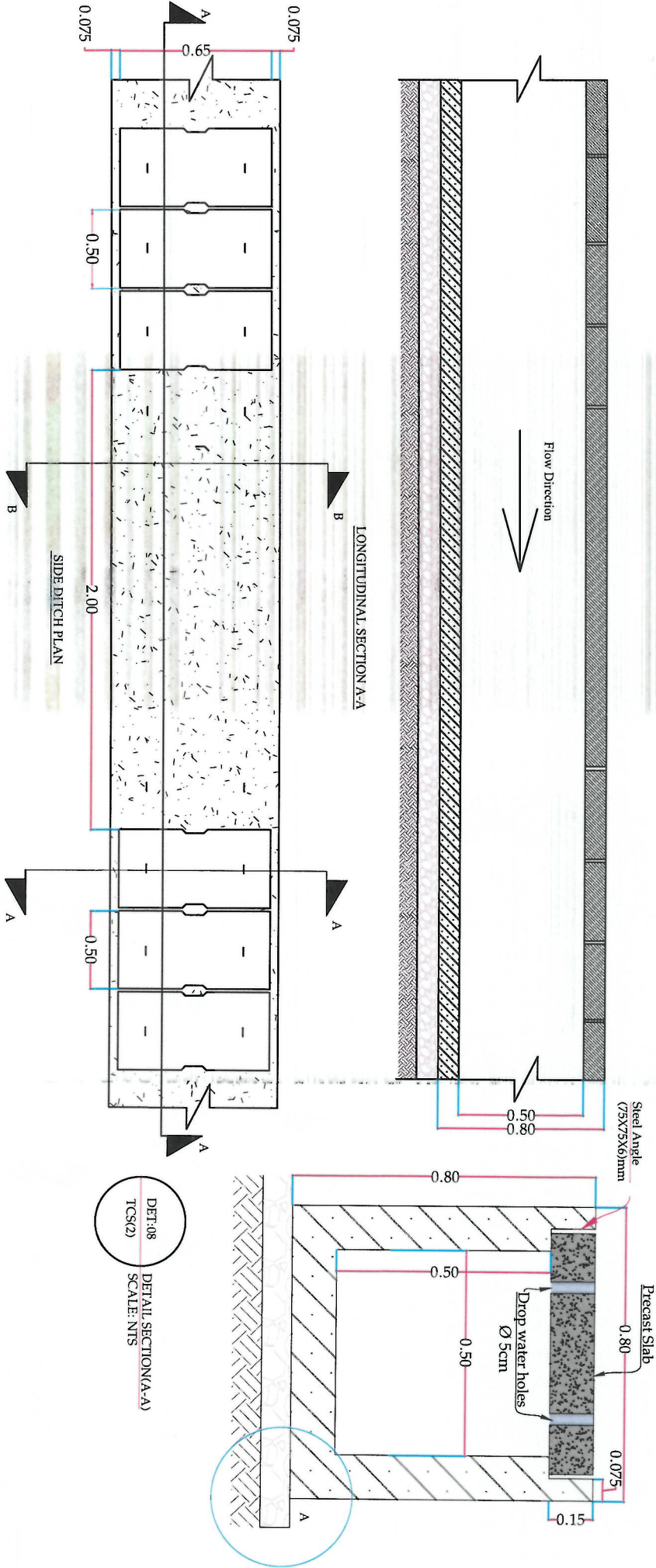
Drawing Number

01

Revision

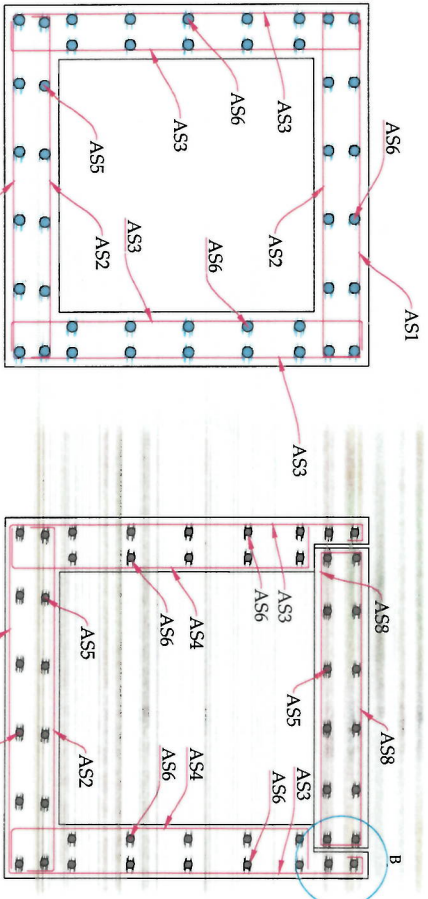
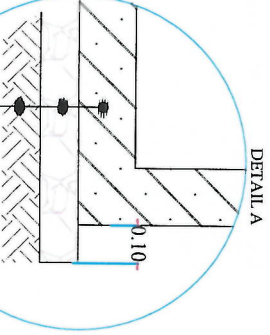
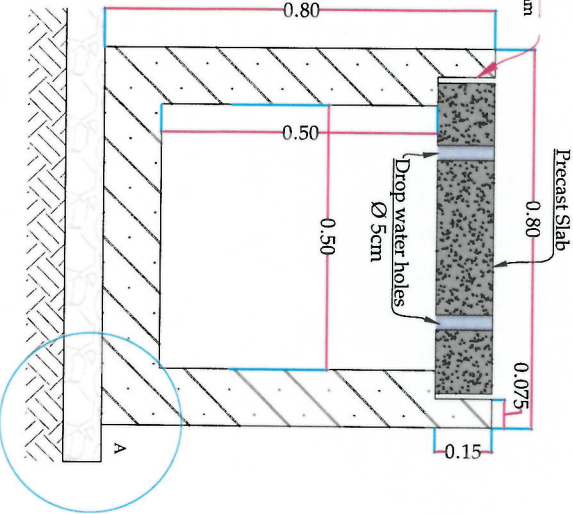
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Flow Direction



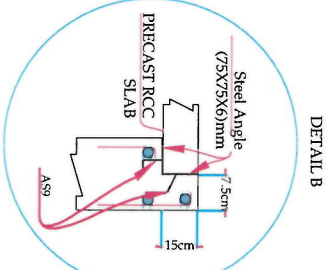
DET-08
TCS(2)
SCALE: NTS

RCC 15 CM (25MPA)
SATISFACTORY MATERIAL 10 CM
CBR=30% (COMPACTION=98%)
RE-COMPACTED SOIL (COMPACTION=98%)

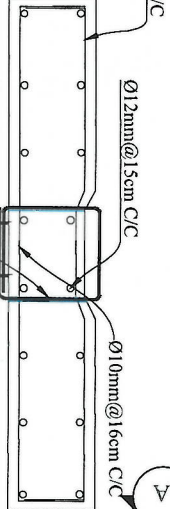


DET-08
TCS(2)
SCALE: NTS

DET-08
TCS(2)
SCALE: NTS



Precast slab detail



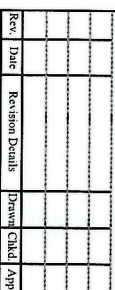
PVC sleeve or
equivalent rod

Scale: No scale

Lifting hook
shall be bolted

Lifting hook detail

1. All dimensions are in meters unless otherwise indicated.



Islamic Emirate of
Afghanistan



KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Road Construction Project from Pole Sokh
Square to Pole Jamhorit Square

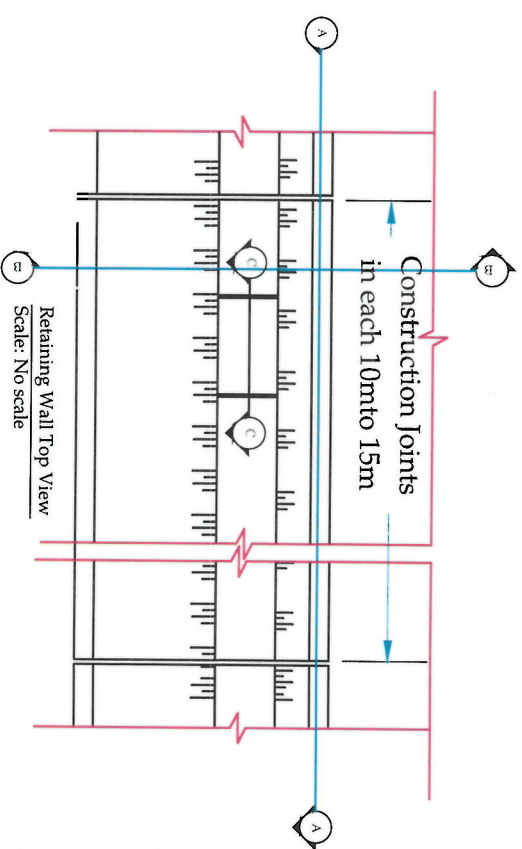
STONE MASONRY WALL TYPICAL
CROSS SECTION

Noorjalia Naasri	Signature:
Designed By: Noorjalia Naasri	Signature:
Checked By: Hassanullah Shalizi	Signature:
Reviewed By:	Signature:

Scale:

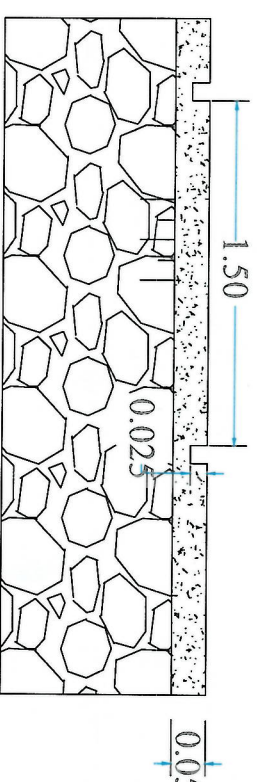
FINAL DESIGN

Revision



Section C-C (Wall Copping Detail)

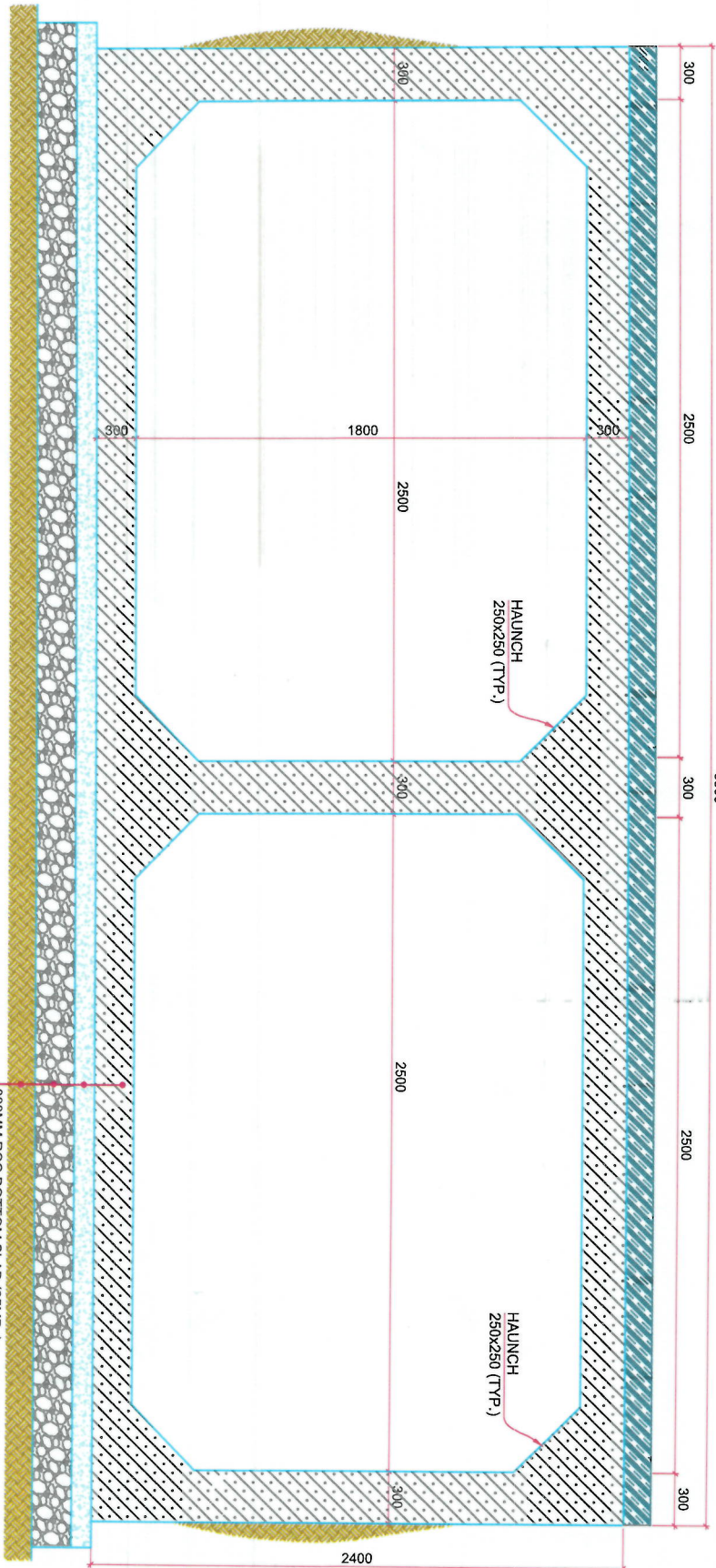
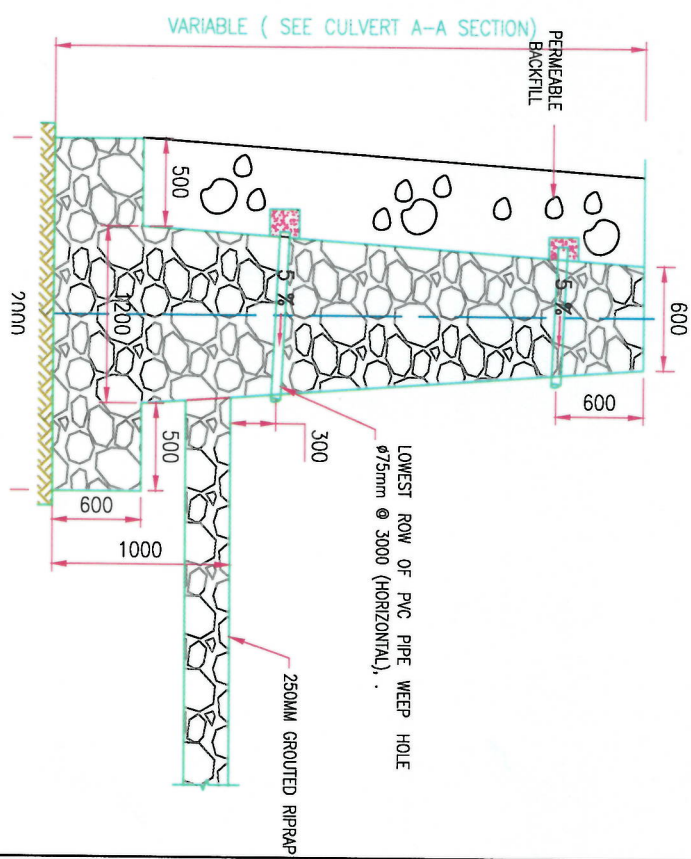
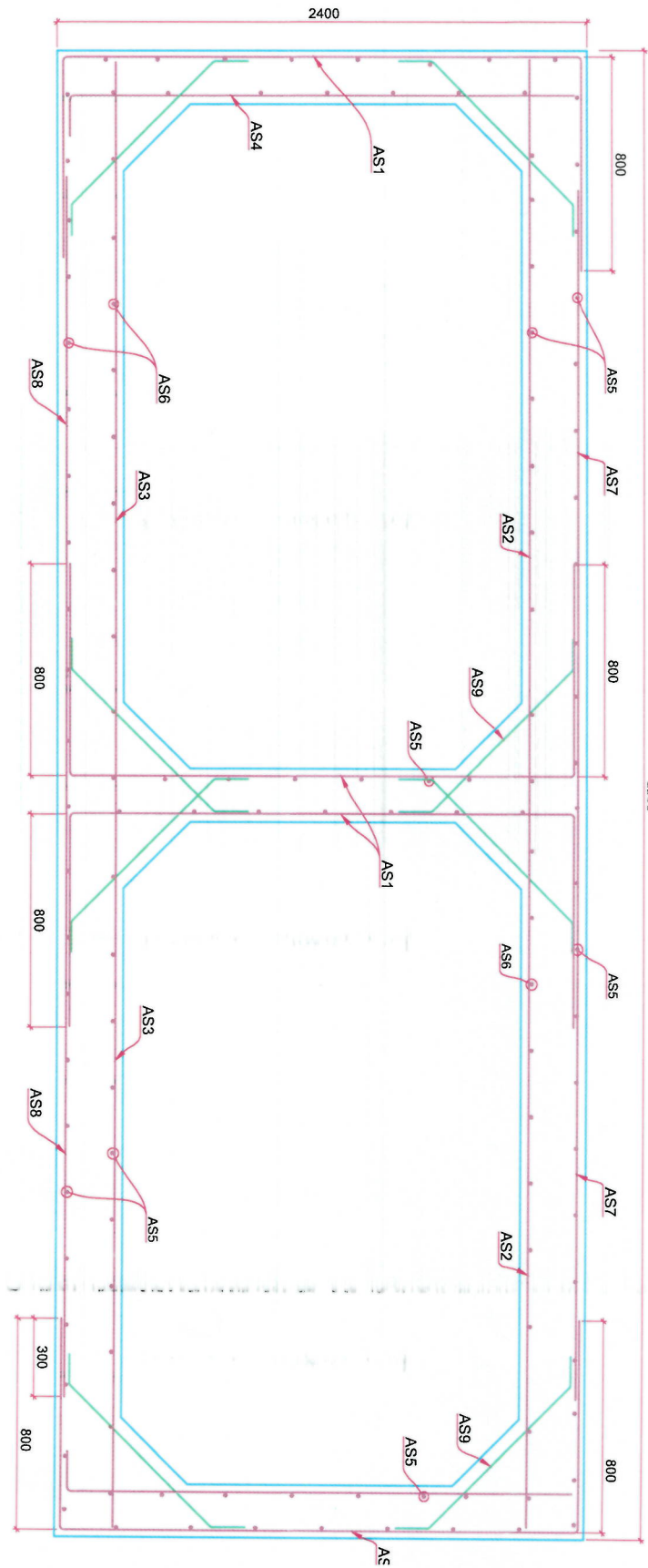
Scale: No scale



Section(B-B) Existing and proposed Stone masonry wall ST(0+422 to 0+484)

SCALE: NTS

SCALE: NTS



01 BOX CULVERT B-B SECTION
SCALE 1:70

300MM RCC BOTTOM SLAB (25MPa)
75MM LEAN CONCRETE (20MPa)
150MM SATISFACTORY MATERIAL
95% WELL-COMPACTED SUBGRADE

NOTE:

1. All dimensions are in millimeters unless otherwise indicated.



Rev.	Date	Revision Details	Drawn	Checked	Appd.

ISLAMIC REPUBLIC OF AFGHANISTAN

Designed by: KABUL MUNICIPALITY DESIGN TEAM



Project Name: Road Construction Project from Pole Sokhtia Square to Pole Jamhuri Square

Drawing Title:

CULVERT#1 DETAIL

Designed by:	Signature:
Drawn by:	Signature:
Checked by:	Signature:

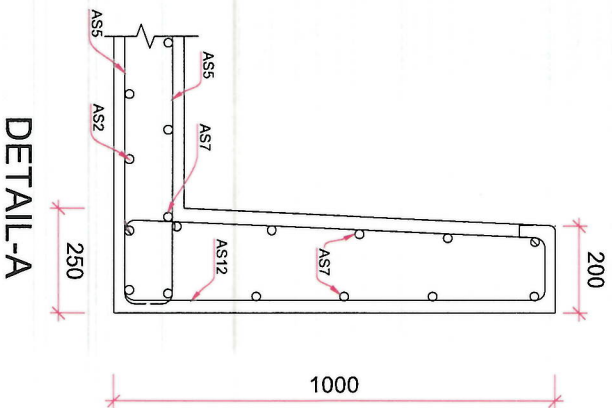
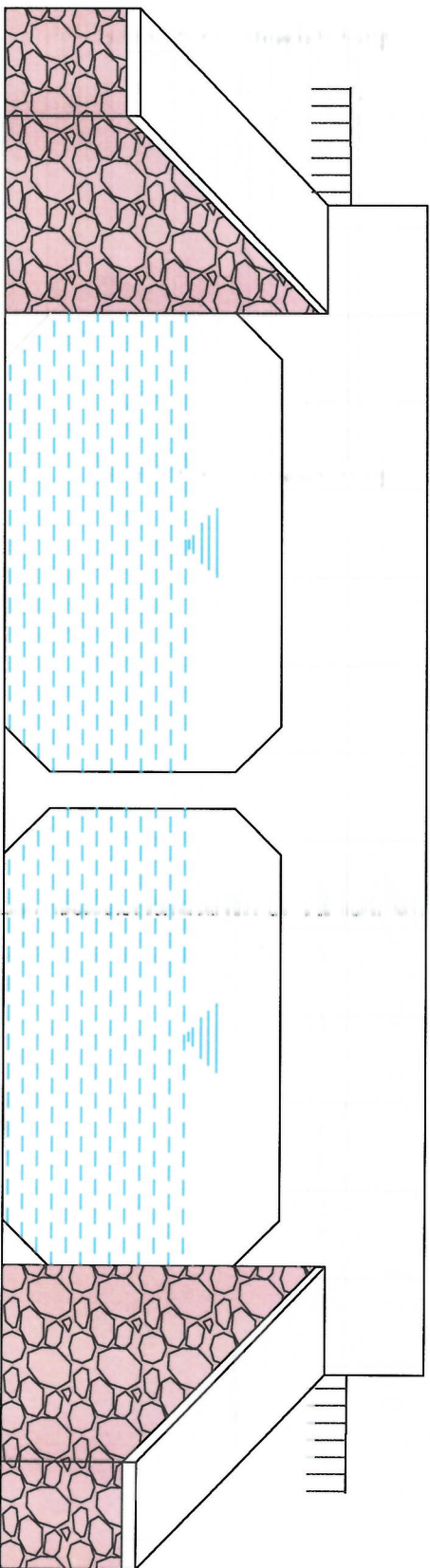
Date: Scale:

State: FINAL DESIGN

Project Code:

Drawing Number: DET-CUL-01

Revision: 00



BOX CULVERT TYPE-2 (2.5X1.5) REINFORCEMENT SCHEDULE

Bar No	Bar Shape	Ø (mm)	Spacing (mm)	L (m)	Remark
As1		16	150		
As2		16	150		
As3		16	150		
As4		14	150		
As5		12	200		Total length + Overlapping
As6		12	200		Total length + Overlapping
As7		14	200		
As8		14	200		
As9		10	250		
As10		12	200		
As11		10	200		
As12		12	200		
As13		10	200		
As14		12	200		
As15		10	200		

NOTE:

1. All dimensions are in millimeters unless otherwise indicated.



Rev.	Date	Revision Details	Drawn	Checked	Appr.

ISLAMIC EMIRAT OF AFGHANISTAN

Designed by: KABUL MUNICIPALITY DESIGN TEAM



Project Name: Road Construction Project from Pole Sokhta Square to Pole Jamhuri Square

Drawing Title:

CULVERT # 1 DETAIL

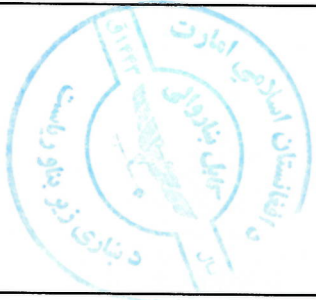
Designed by:	Signature:
Abdul Shakoor Mansour	
Drawn by:	Signature:
Abdul Shakoor Mansour	
Checked by:	Signature:
Hashimullah Shahidi	

Date: Scale:

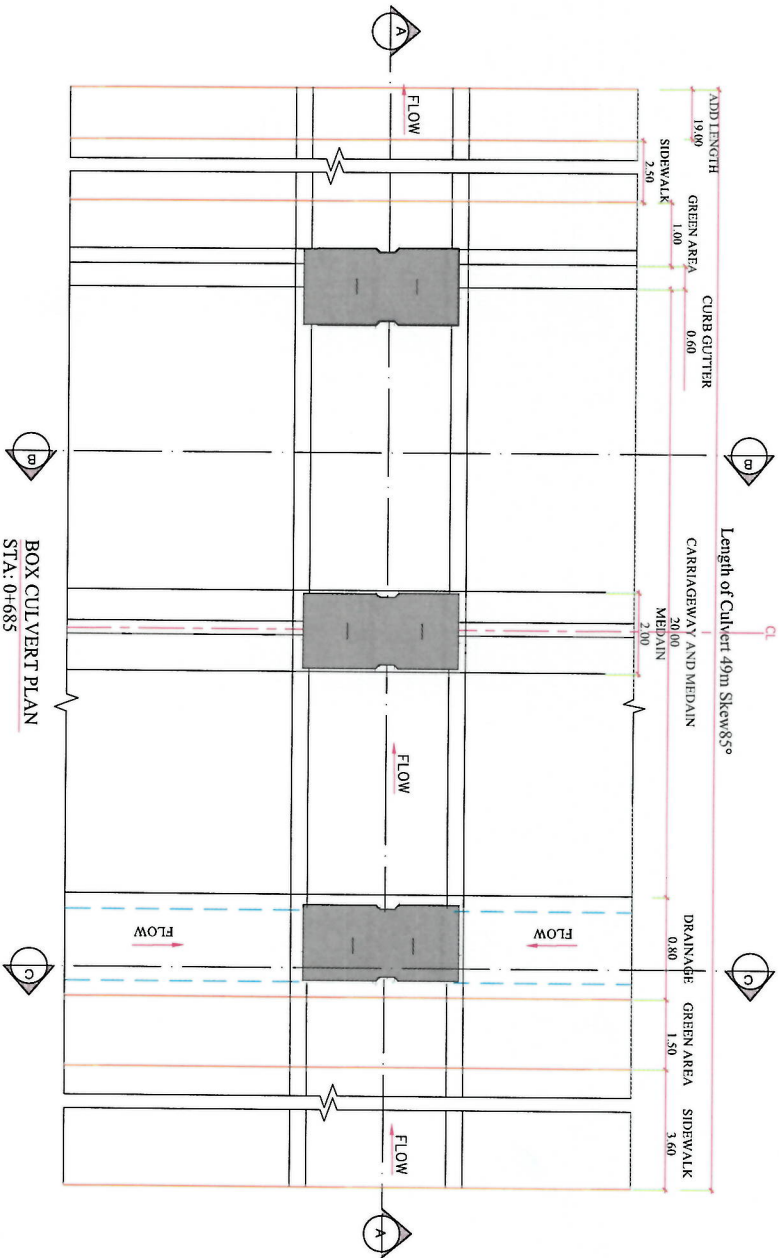
Status: FINAL DESIGN

Project Code:

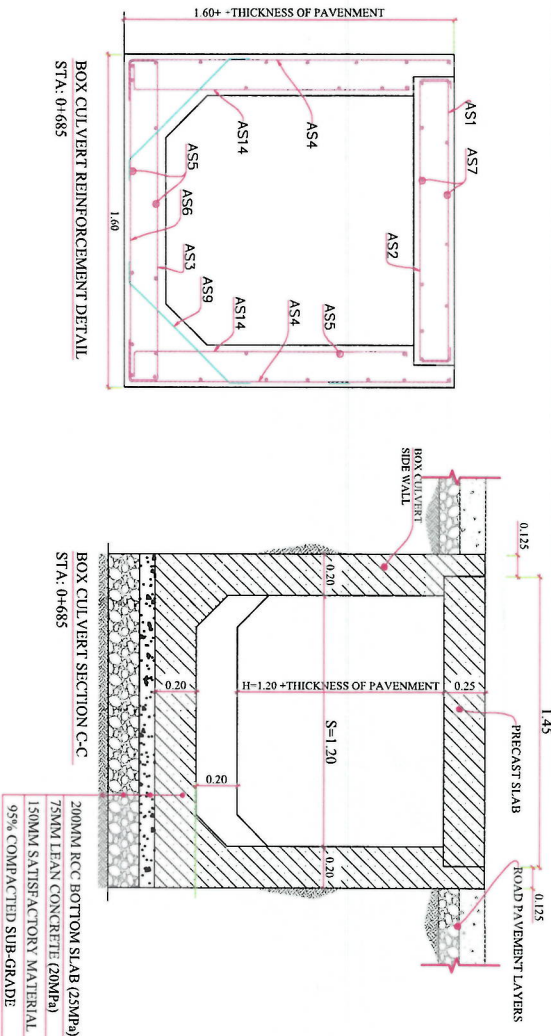
Drawing Number	Revision
DET-CUL-01	00



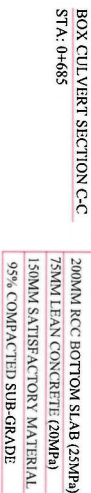
NOTE:
1. All dimensions are in millimeters unless otherwise indicated.



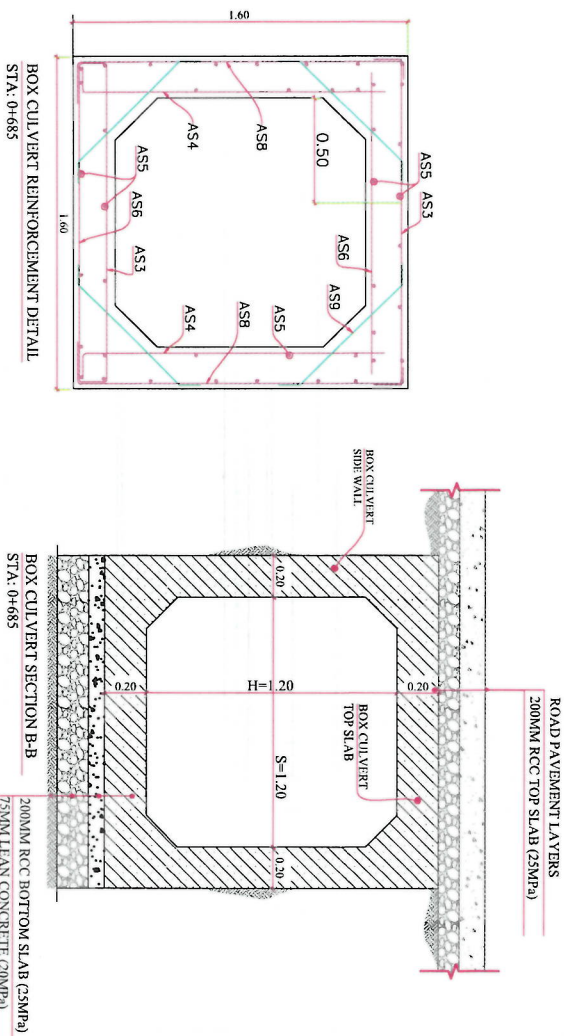
BOX CULVERT PLAN
STA: 0+685



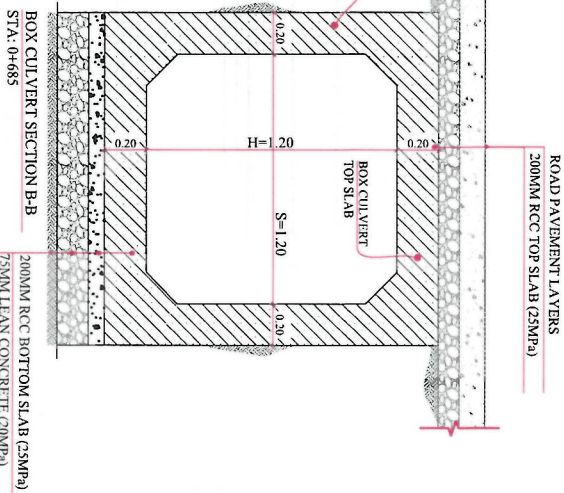
BOX CULVERT REINFORCEMENT DETAIL
STA: 0+685



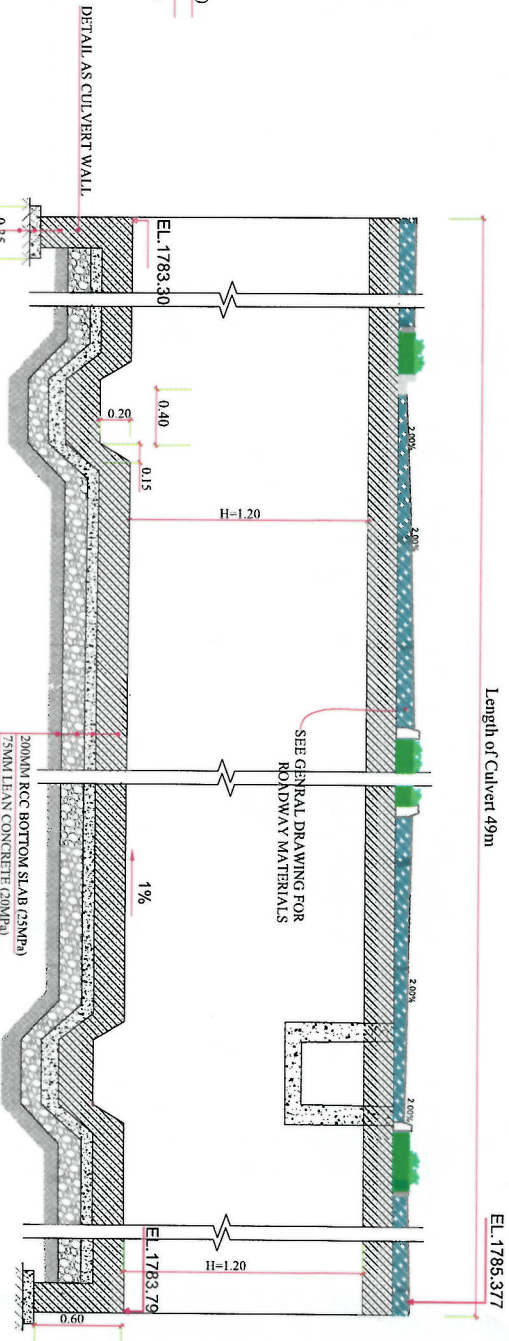
BOX CULVERT SECTION C-C
STA: 0+685



BOX CULVERT REINFORCEMENT DETAIL
STA: 0+685



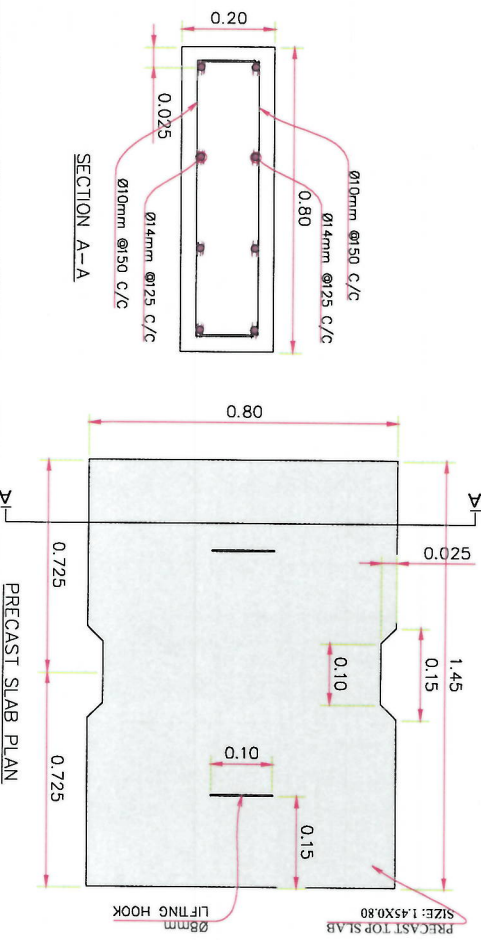
BOX CULVERT SECTION B-B
STA: 0+685



BOX CULVERT SECTION A-A
STA: 0+685

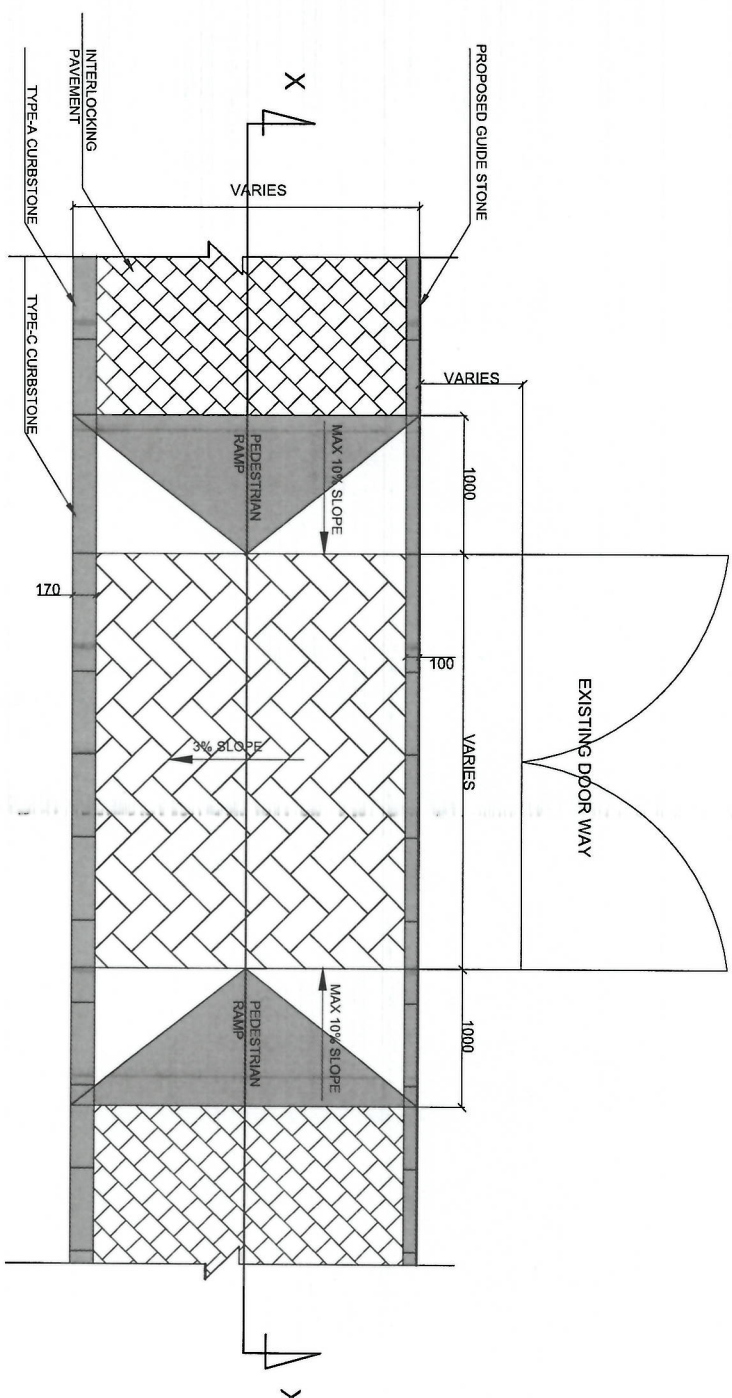
DETAIL AS CULVERT WALL

BOX CULVERT (1.2X1.2) INTERIOR REINFORCEMENT SCHEDULE			
Bar No	Bar Shape	Ø (mm)	Spacing (mm)
As1		14	125
As2		14	125
As3		14	150
As4		14	150
As5		10	200
As6		14	150
As7		10	200
As8		14	150
As9		10	300
As10		10	200
As11		10	200
As12		10	200
As13		10	200
As14		14	200
As15		10	200
Total length for four sides.			
Remark			
Total length + overlapping			
Total length + overlapping			

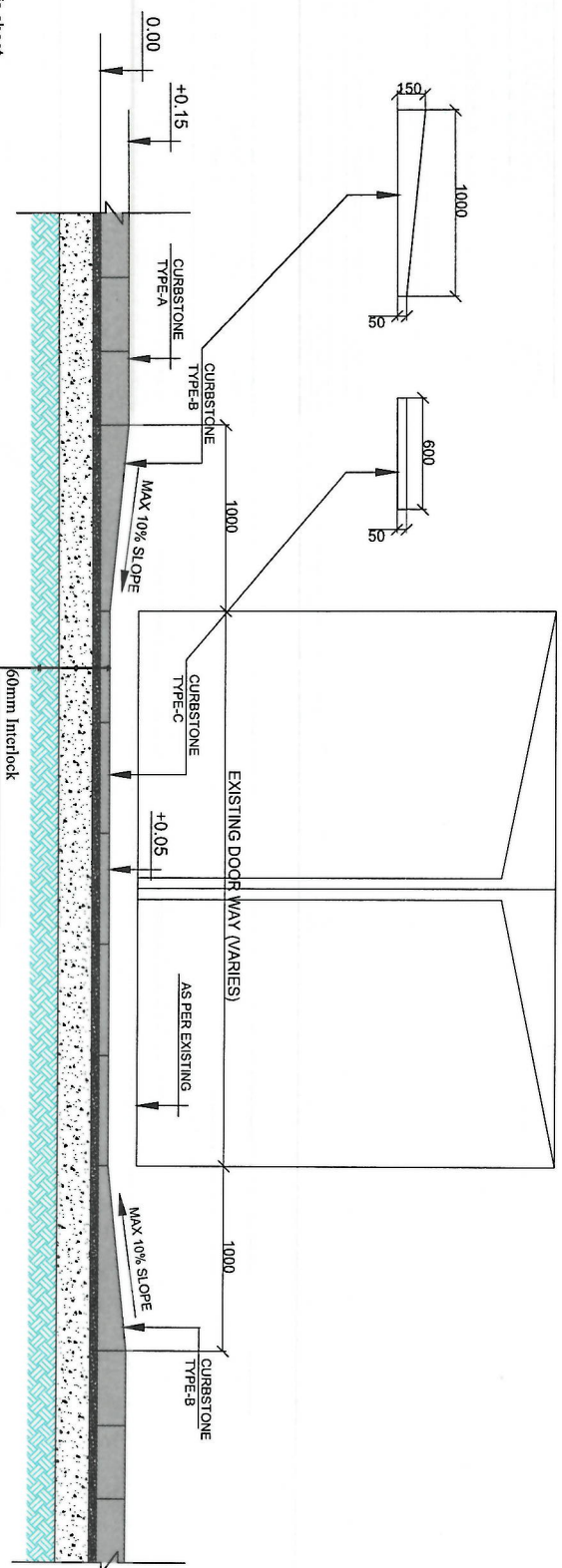


PRECAST SLAB PLAN

Project Name: (Pole Sokha Squire to Pole Sokha Road) Road Construction Project	Designed by: Abdul Shakoor Mansour Signature: [Signature]
Drawing Title: CULVERT#1 DETAIL	Drawn by: Abdul Shakoor Mansour Signature: [Signature]
	Checked by: Haseebullah Shahzai Signature: [Signature]
	Date:
	Scale:
Status: FINAL DESIGN	Project Code:
Drawing Number: CUL-02	Revision: 00



01 EXISTING DOORS ACCESS WAYS (FOR EACH RESIDENTIAL HOUSES)
SCALE: NTS



02 SECTION X - X
SCALE: NTS

Note: Dimension of Curb stone type (B&C) indicated in this sheet
For Curb stone type A & Guide stone refer to the typical cross
Section details
Curb stone type (B & C) should be (M-32 MPa)

60mm Interlock
40mm Sand
150mm Sub base course Materials
CBR 35% with 97% Compaction
Sub grade Compaction 95%

NOTE: 1. All dimensions are in mm unless
otherwise indicated



Islamic Emirate of
Afghanistan

KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Road Construction Project from Pole Sokht
Square to Pole Jamhuri Square

Drawing Title:
Doors access way details

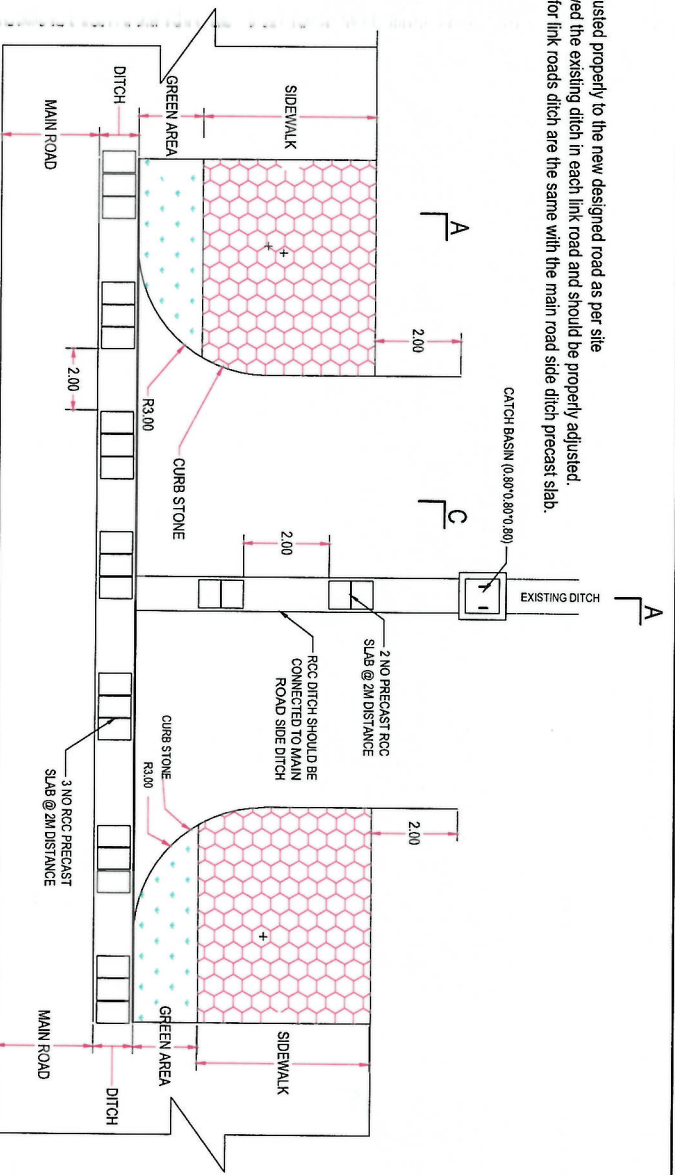
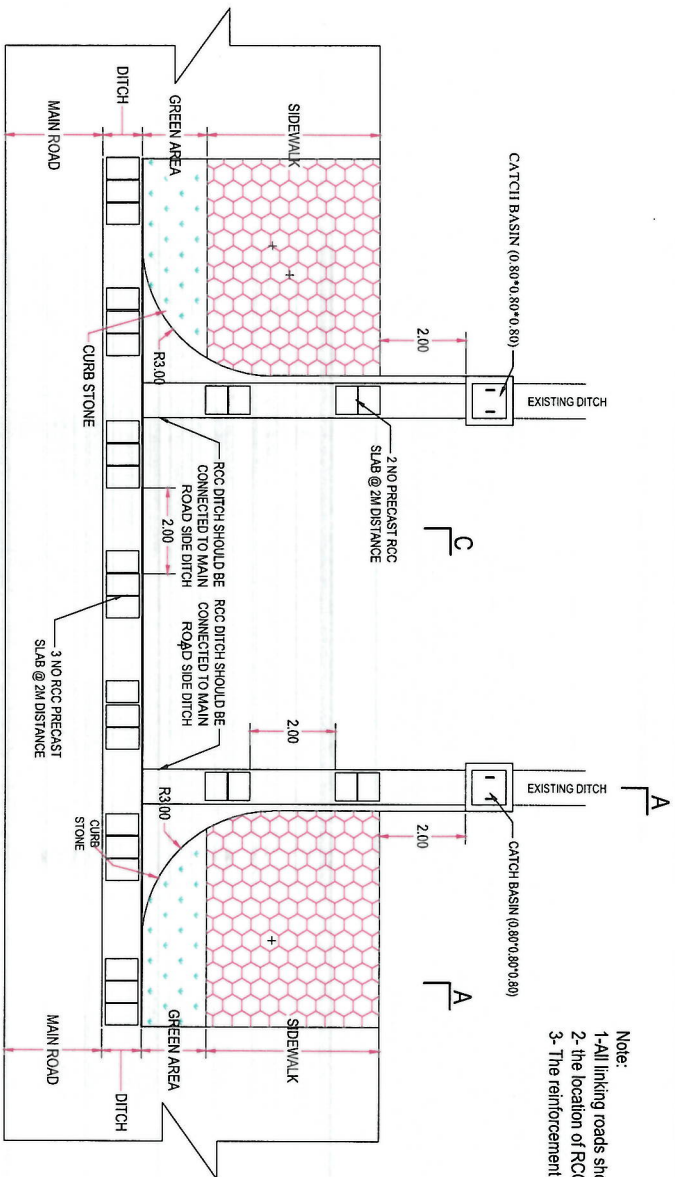
Drawn By:	Signature:
Designed By:	Signature:
Checked By:	Signature:
Reviewed By:	Signature:

Date: 07/09/144
Scale: 1:200

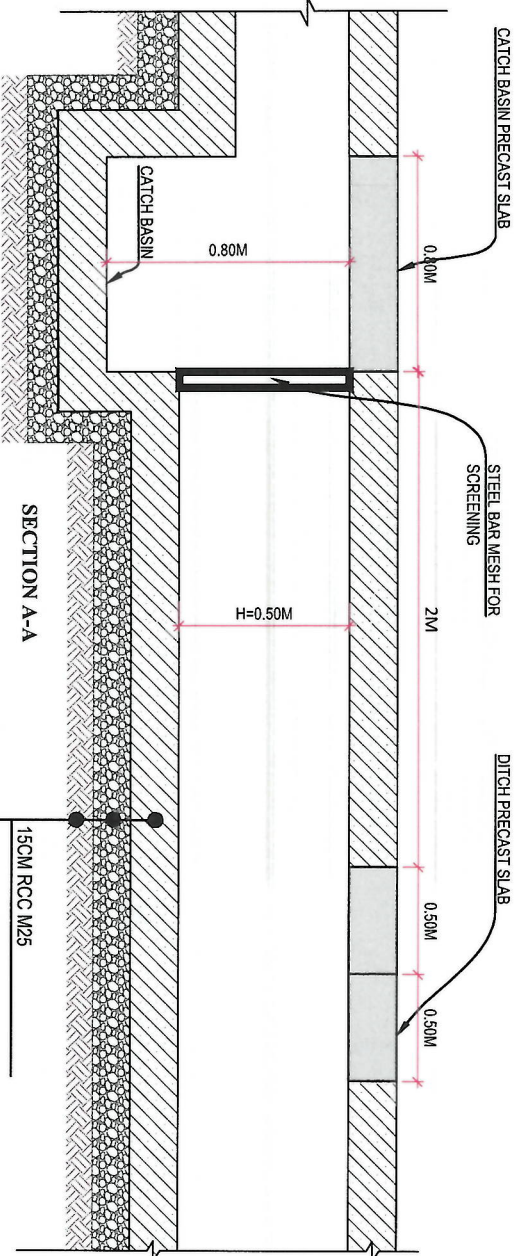
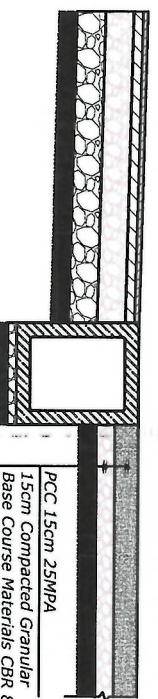
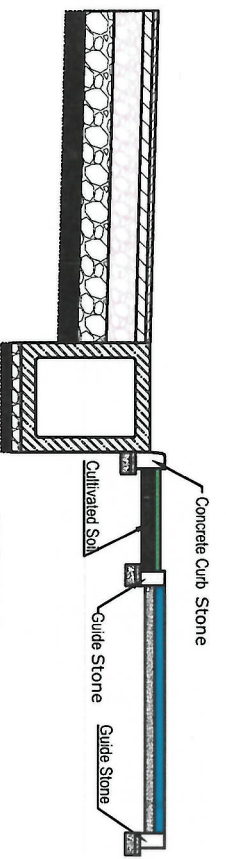
Sheet: FINAL DESIGN

Project Code:

Drawing Number	Revision
Dct-01	00

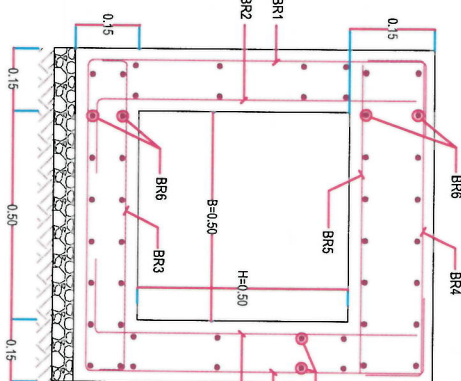
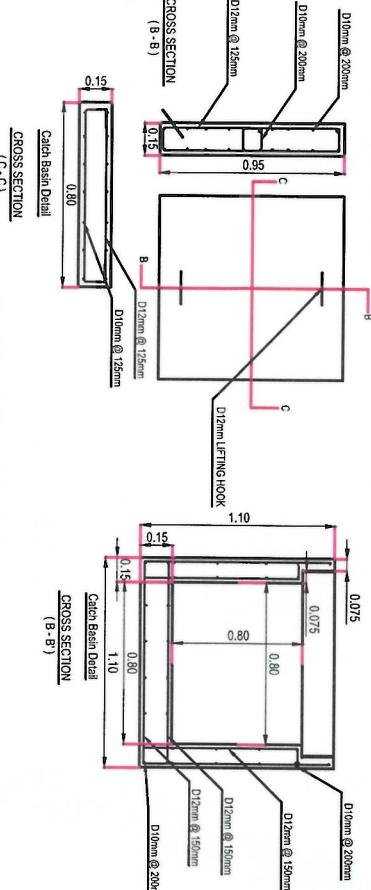
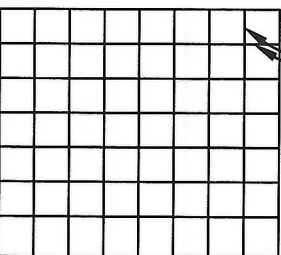


- Note:
- 1-All linking roads should be connected and adjusted properly to the new designed road as per site
 - 2- the location of RCC ditch should be followed the existing ditch in each link road and should be properly adjusted.
 - 3- The reinforcement details of precast slab for link roads ditch are the same with the main road side ditch precast slab.



15CM RCC M25
95% COMPACTION GRANULAR FILL
BED 10 CM
Compacted sub grade 95%

NOTE:
STEEL BAR MESH DETAIL



RCC Ditch Bar Shape Table			
NO.	BAR SHAPE	Ø(MM)	SPACING (MM)
BR1	[Diagram]	Ø12	150
BR2	[Diagram]	Ø10	150
BR3	[Diagram]	Ø10	150
BR4	[Diagram]	Ø10	150
BR5	[Diagram]	Ø12	150
BR6	[Diagram]	Ø10	200



Project Name: Road Construction Project from Pole Sokhiz Square to Pole Janhori Square

Drawing Title: Link Road Detail

Designed By: [Signature]

Drawn: [Signature]

Checked: [Signature]

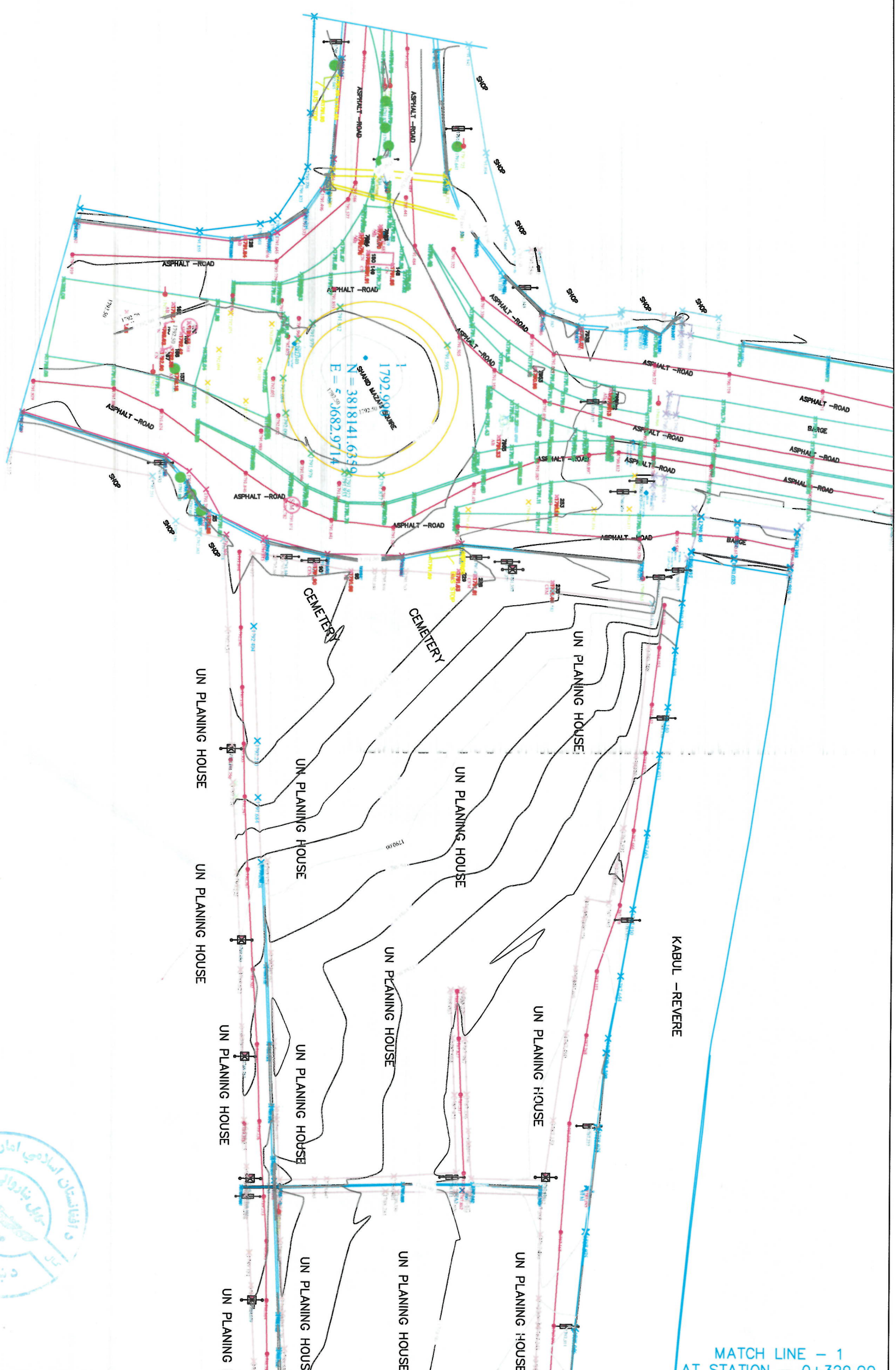
Date: 07/09/1444

Scale: 1:75

Project Code: FINAL DESIGN

Sheet No: DETAIL-01

Revision: 01



MATCH LINE - 1
AT STATION - 0+329.00

NOTE: 1. ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE INDICATED

NO.	CODE	DETAIL	FIGURE
1	101	Asphalt Road	101
2	102	Gravel Road	102
3	103	Dirt Road	103
4	104	Waterway	104
5	105	Settlement	105
6	106	Boundary	106
7	107	Spot Elevation	107
8	108	Contour Line	108
9	109	Spot Elevation	109
10	110	Spot Elevation	110
11	111	Spot Elevation	111
12	112	Spot Elevation	112
13	113	Spot Elevation	113
14	114	Spot Elevation	114
15	115	Spot Elevation	115
16	116	Spot Elevation	116
17	117	Spot Elevation	117
18	118	Spot Elevation	118
19	119	Spot Elevation	119
20	120	Spot Elevation	120
21	121	Spot Elevation	121
22	122	Spot Elevation	122
23	123	Spot Elevation	123
24	124	Spot Elevation	124
25	125	Spot Elevation	125
26	126	Spot Elevation	126
27	127	Spot Elevation	127
28	128	Spot Elevation	128
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31	131	Spot Elevation	131
32	132	Spot Elevation	132
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36	136	Spot Elevation	136
37	137	Spot Elevation	137
38	138	Spot Elevation	138
39	139	Spot Elevation	139
40	140	Spot Elevation	140
41	141	Spot Elevation	141
42	142	Spot Elevation	142
43	143	Spot Elevation	143
44	144	Spot Elevation	144
45	145	Spot Elevation	145
46	146	Spot Elevation	146
47	147	Spot Elevation	147
48	148	Spot Elevation	148
49	149	Spot Elevation	149
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95	195	Spot Elevation	195
96	196	Spot Elevation	196
97	197	Spot Elevation	197
98	198	Spot Elevation	198
99	199	Spot Elevation	199
100	200	Spot Elevation	200

ISLAMIC EMIRATE OF AFGHANISTAN

SURVEYED BY: KABUL MUNICIPALITY SURVEY TEAM

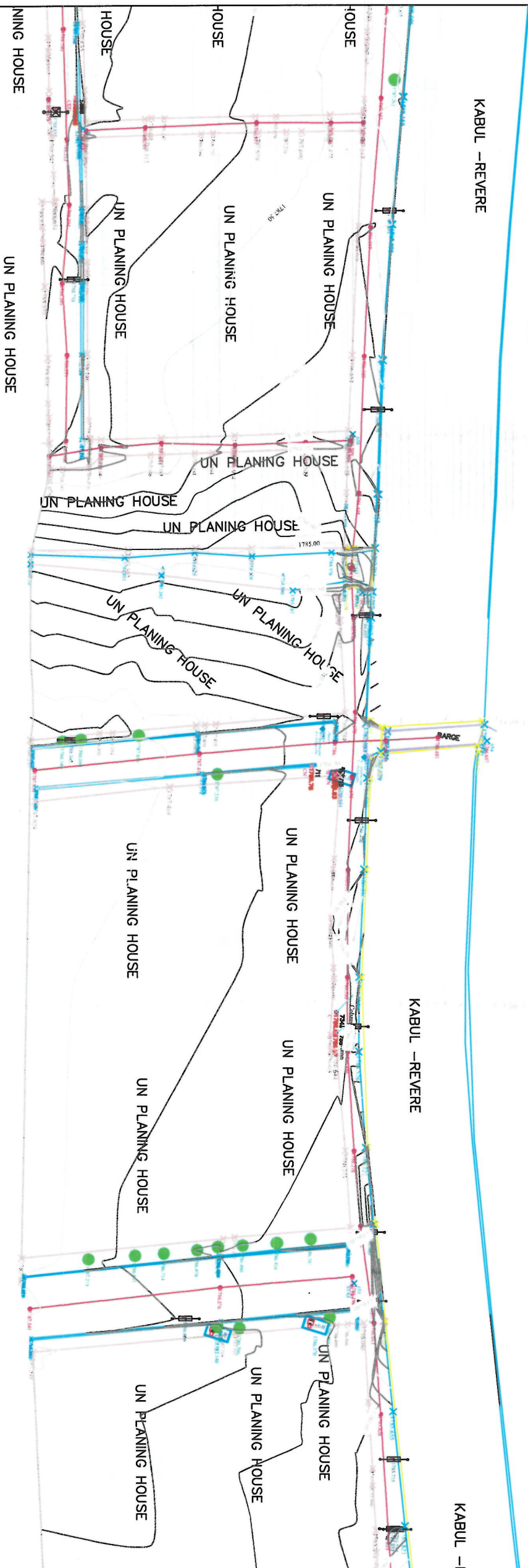
PROJECT NAME: SURVEY FROM POL. SOKITTA TO SHIRAH POL. SOKKI

DRAWING TITLE: TOPOGRAPHIC SURVEY OF POL. SOKITTA TO SHIRAH POL. SOKKI

DATE: SCALE: 1:1000

STATUS: PROJECT CODE: DRAWING #: 1





NOTE: ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE INDICATED

SYMBOL		DESCRIPTION
1	+	Survey Station
2	+	Survey Station
3	+	Survey Station
4	+	Survey Station
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99	+	Survey Station
100	+	Survey Station

ISLAMIC EMIRATE OF
AFGHANISTAN

SURVEYED BY:
KABUL MUNICIPALITY
SURVEY TEAM

PROJECT NAME:
SURVEY FROM POL. SOKJITA TO
SIRAHU POL. SOKJIT

DRAWING TITLE:
TOPOGRAPHIC SURVEY OF
POLSHOKHTA TO SIRAHU
POLSHOKHTA

STATUS:
TOPOGRAPHIC SURVEY

PROJECT CODE:
2

DRAWING #:
2





- LEGENDS
- CENTER-LINE
 - RIGHT OF WAY
 - PROPOSED DITCH
 - EXISTING FENCE
 - EXISTING FEATURES
 - CULVERT
 - TREE
 - BENCH MARK
 - ELECTRIC POLE
 - ELECTRIC BOX

Date	Revision Details	Drawn	Checked	Appr

DESIGNED BY:
KABUL MUNICIPALITY
DESIGN TEAM

PROJECT NAME:
Road Construction Project from Pole Sokha
Square to Pole Jamhoroti Square

PROFILE OF
ROUNDAABOUT

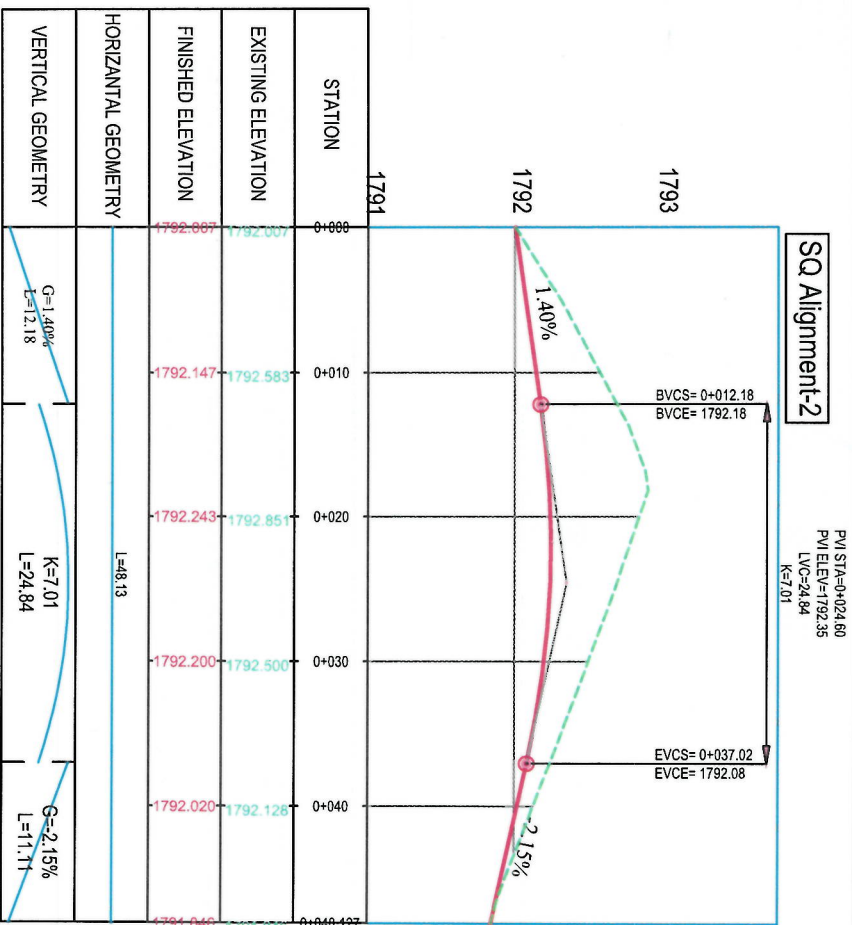
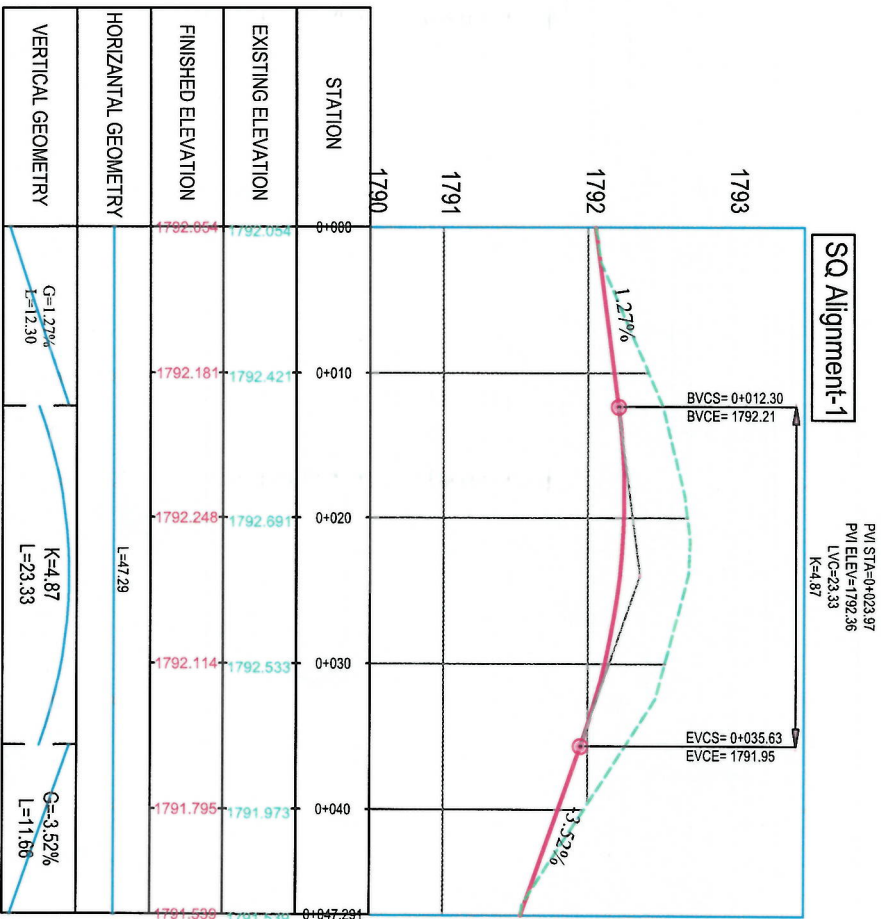
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Designed:	Signature:
Checked:	Signature:

Date: 07/09/1444 Scale: 1:500

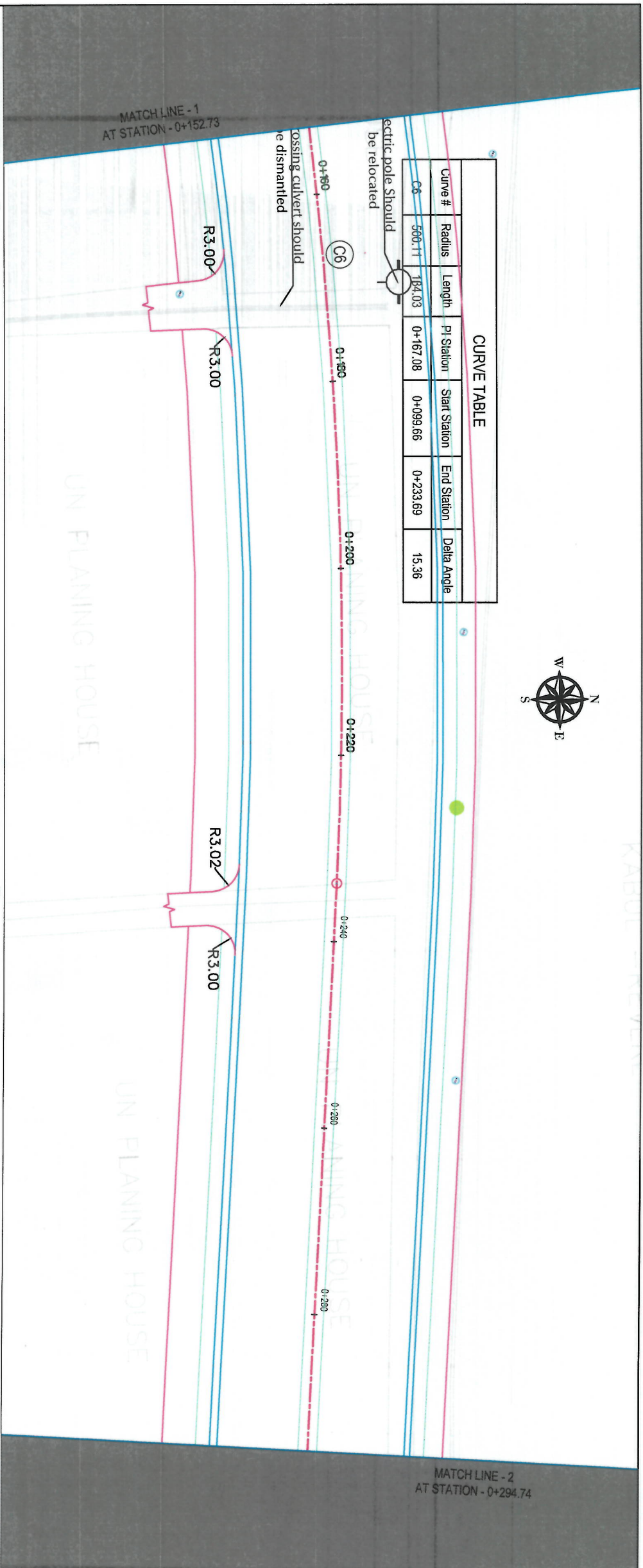
Stamps: FINEL
DESIGN

Project Code

SHEET NO.	Revision
PP (7)	01



CURVE TABLE					
Curve #	Radius	Length	PI Station	Start Station	End Station
C6	560.11	104.03	0+167.08	0+099.66	0+233.69
					Delta Angle
					15.36



ALIGNMENT POLY SOKHTIA TO POLY SORKH ROAD									
STATION	0+142	0+150	0+160	0+170	0+180	0+190	0+200	0+210	0+220
EXISTING ELEVATION	1788.142	1787.725	1787.594	1787.564	1787.602	1787.650	1787.647	1787.614	1787.346
FINISHED ELEVATION	1788.280	1788.171	1788.027	1787.903	1787.797	1787.709	1787.640	1787.590	1787.529
HORIZONTAL GEOMETRY	L=134.03 R=500.11								
VERTICAL GEOMETRY	K=53.96 L=132.24								

EVCS= 0+217.21
EVCE= 1787.56



- LEGENDS
- CENTERLINE
 - RIGHT OF WAY
 - PROPOSED DITCH
 - EXISTING FENCE
 - EXISTING FEATURES
 - CULVERT
 - TREE
 - BENCH MARK
 - ELECTRIC POLE
 - ELECTRIC BOX
 - STEEL ELECTRIC POLE

Date	Revision	Drawn	Checked	Appr

DESIGNED BY:
ISLAMIC EMIRATE OF AFGHANISTAN
KABUL MUNICIPALITY DESIGN TEAM

PLAN & PROFILE

Drawn:	Signature
Noorjahan Naseri	
Designed:	Signature
Noorjahan Naseri	
Checked:	Signature
Hasanullah Shalizi	

Date: 07/09/1444 Scale: 1:500

Status: FINAL DESIGN

Project Code:

SHEET NO. PP (1)

Revision 01



proposed two cell culvert
with size 2(2.5*1.8)m interior
in Station 0+335

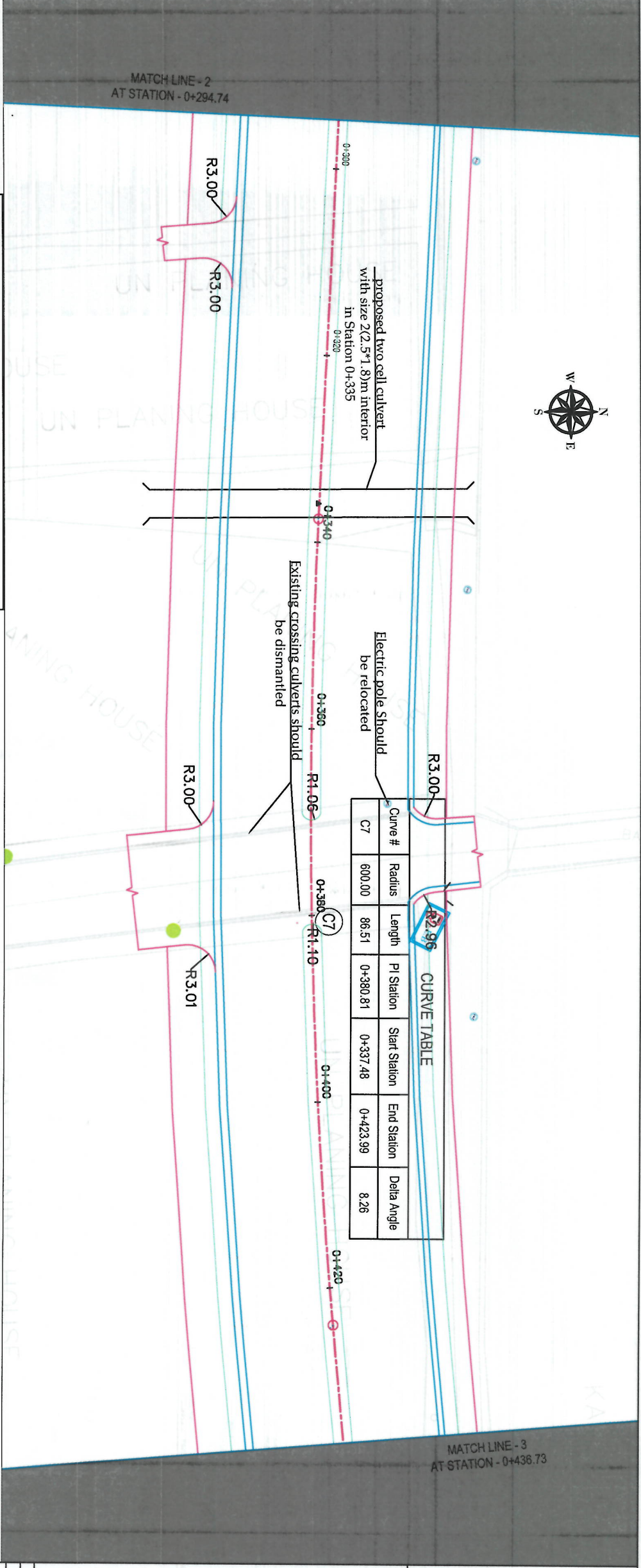
Electric pole should
be relocated

Existing crossing culverts should
be dismantled

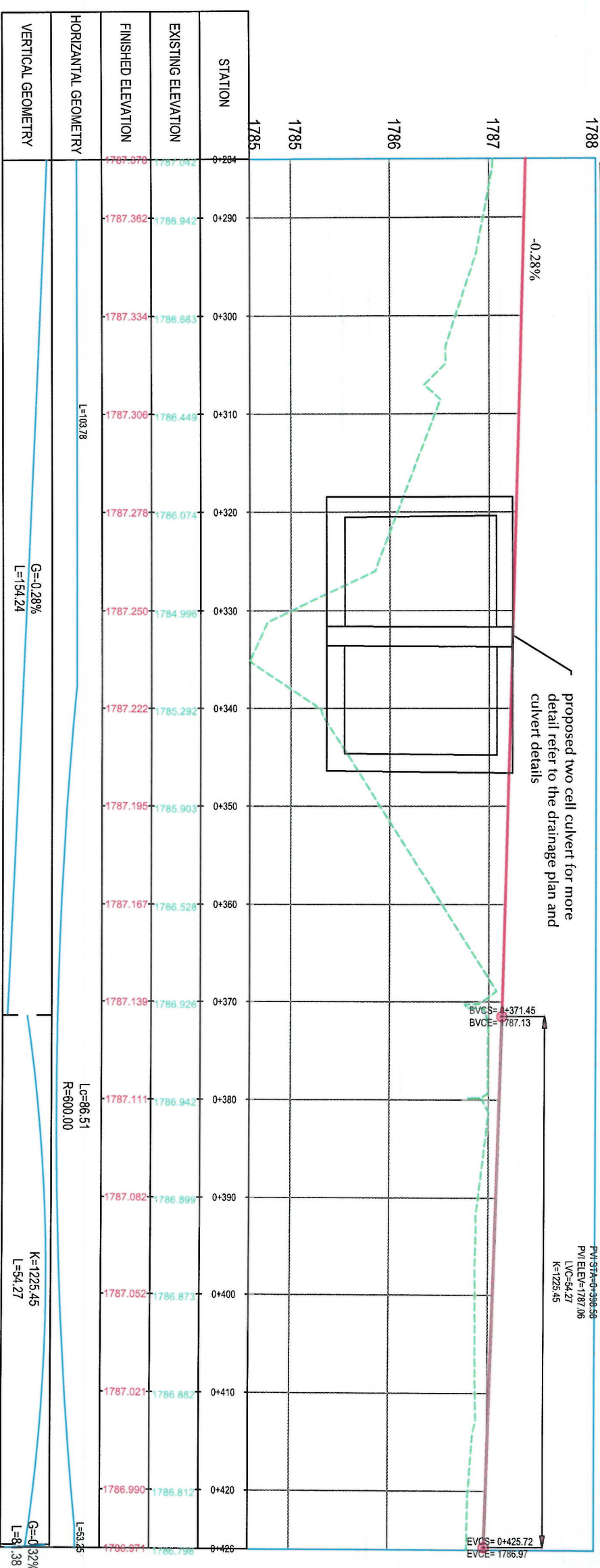
CURVE TABLE					
Curve #	Radius	Length	PI Station	Start Station	End Station
C7	600.00	86.51	0+380.81	0+337.48	0+423.99
					Delta Angle
					8.26

MATCH LINE - 3
AT STATION - 0+436.73

MATCH LINE - 2
AT STATION - 0+294.74



ALIGNMENT POLY SOKHTA TO POLY SORKH ROAD



NOTE:

1. All dimensions are in meters unless
otherwise indicated



- LEGENDS
- CENTERLINE
- RIGHT OF WAY
- PROPOSED DITCH
- EXISTING FENCE
- EXISTING FEATURES
- CULVERT
- TREE
- BENCH MARK
- ELECTRIC POLE
- ELECTRIC BOX
- STEEL ELECTRIC POLE

Date	Revision	Drawn	Checked	Appr

DESIGNED BY
ISLAMIC EMIRATE OF AFGHANISTAN
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Road Construction Project from Pole Sokhta
Square to Pole Jamhoroti Square

Drawing Title:

PLAN & PROFILE

Design	Signature
Designed	Signature
Checked	Signature

Date: 07/09/1444 Scale: 1:500

Status: FINAL

Project Code

SHEET NO.

PP (2)

Revision
01



MATCH LINE - 4
AT STATION - 0+578.98

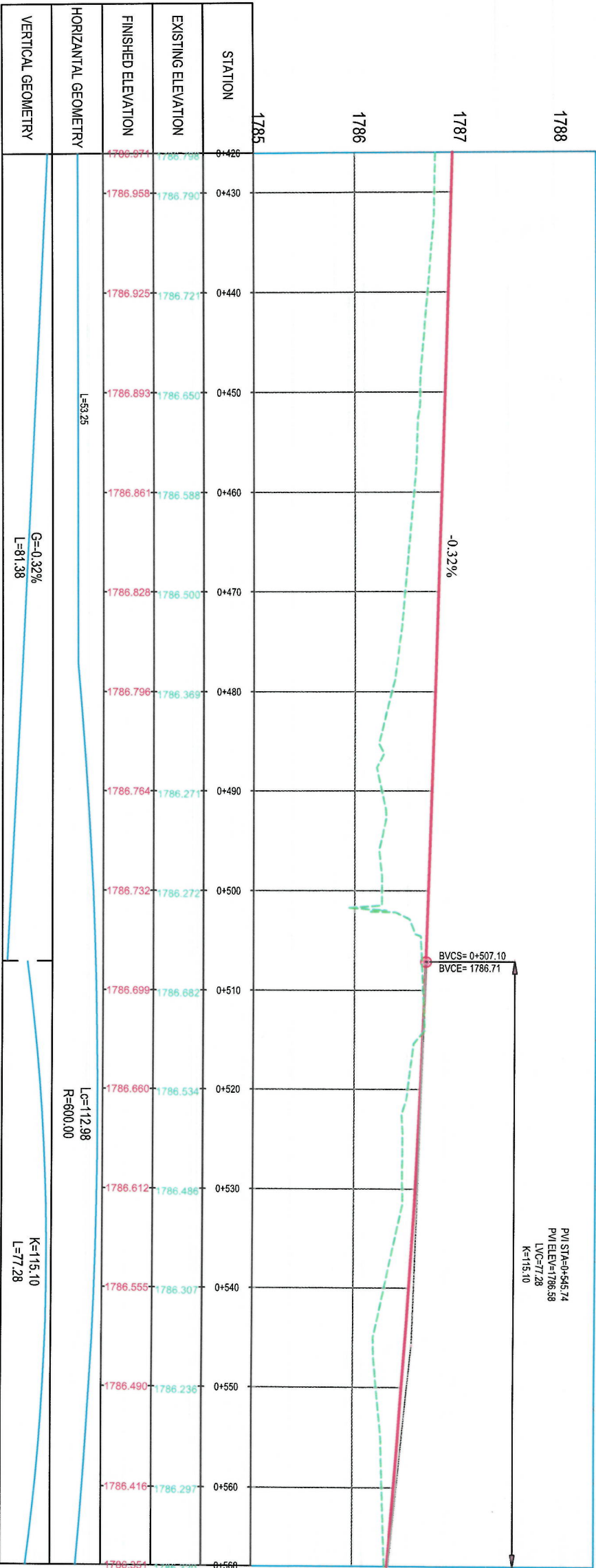
MATCH LINE - 3
AT STATION - 0+436.73

CURVE TABLE					
Curve #	Radius	Length	PI Station	Start Station	End Station
C8	600.00	112.98	0+533.90	0+477.24	0+590.22
					Delta Angle 10.79

LEGENDS

- CENTERLINE
- RIGHT OF WAY
- PROPOSED DITCH
- EXISTING FENCE
- EXISTING FEATURES
- CULVERT
- TREE
- BENCH MARK
- ELECTRIC POLE
- ELECTRIC BOX
- STEEL ELECTRIC POLE

ALIGNMENT POLY SOKHTA TO POLY SORKH ROAD



PI/ STA=0+545.74
PI/ELEV=1786.58
LVC=77.28
K=115.10

Designed By:

KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Road Construction Project from Pole Sokhta
Square to Pole Jamhori Square

Drawing Title:

PLAN & PROFILE

Drawn:	Signature:
Designed:	Signature:
Checked:	Signature:

Date: 07/09/1444 Scale: 1:300

Status: FINAL
DESIGN

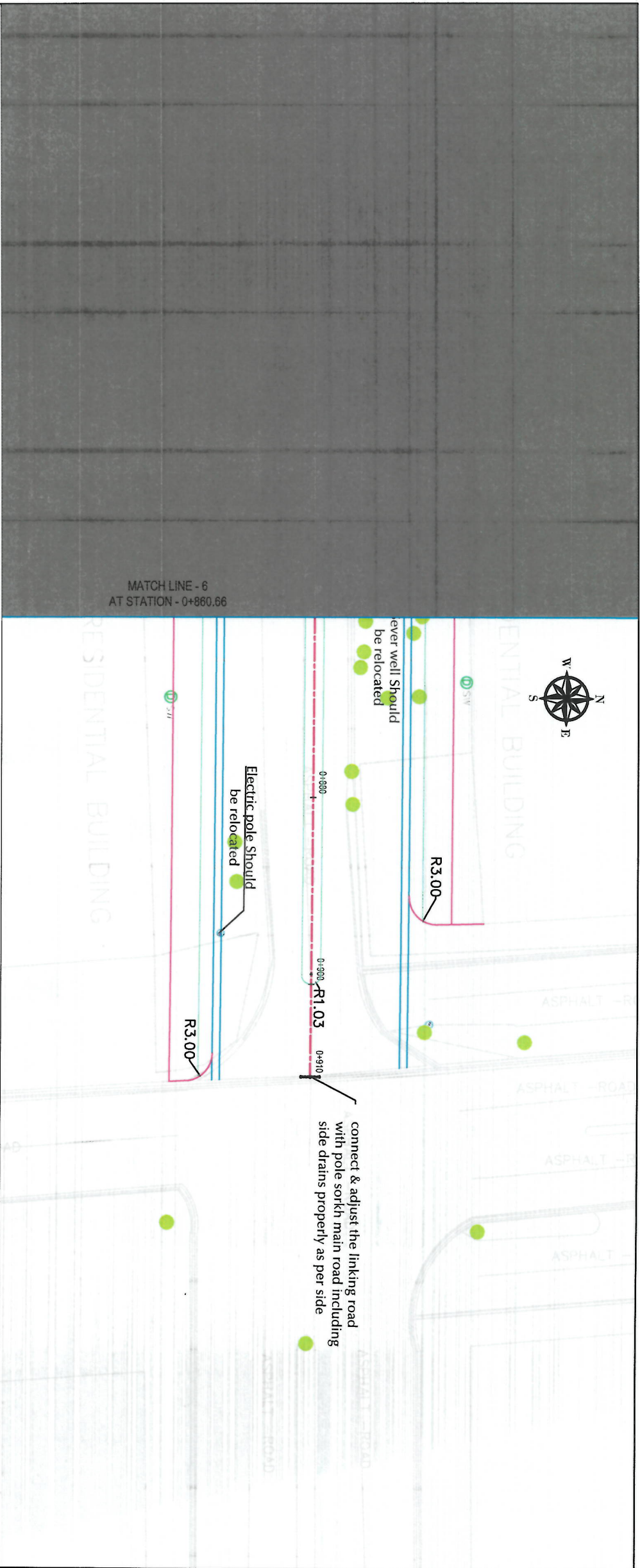
Project Code

SHEET NO. PP (3)

Revision
01

NOTE:

- All dimensions are in meters unless otherwise indicated.



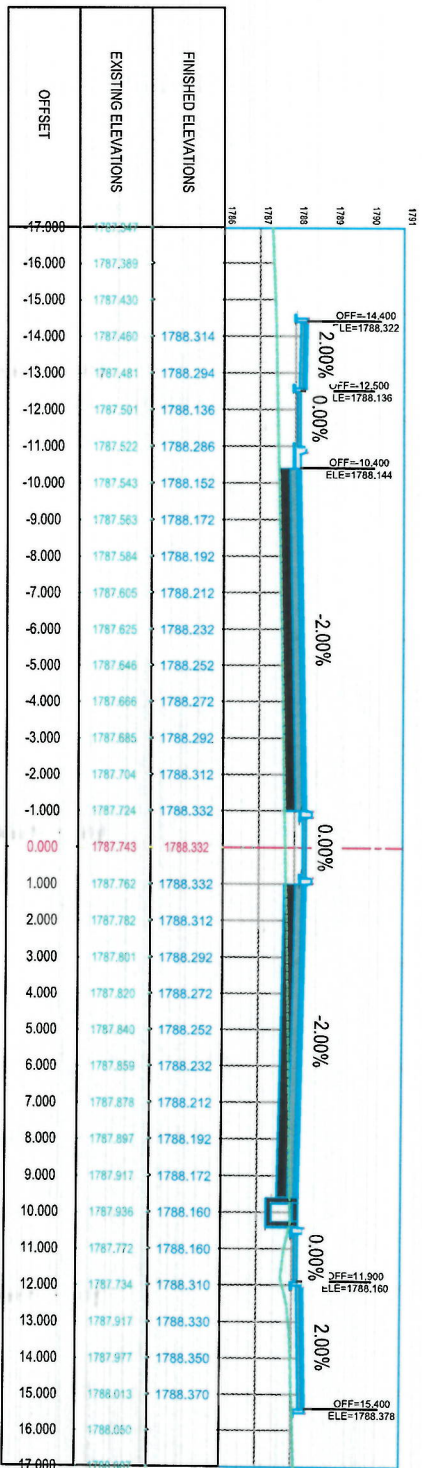
ALIGNMENT POLY SOKHTA TO POLY SORKH ROAD

STATION	EXISTING ELEVATION	FINISHED ELEVATION
1783	1785.136	1785.283
1784	1785.117	1785.216
1785	1785.092	1785.121
1786	1785.067	1785.128
1787	1785.042	1785.099
1788	1785.017	1785.047
1789	1784.989	1784.906
1790	1784.964	1784.881

HORIZONTAL GEOMETRY	L=205.40
VERTICAL GEOMETRY	G=-0.25% L=163.14

PLAN & PROFILE

Project Name: Road Construction Project from Pole Sokhta Square to Pole Jamhuri Square	
Drawing Title:	
Designed By: ISLAMIC EMIRATE OF AFGHANISTAN	
Drawn: Noorjahan Naseri	
Designed: Noorjahan Naseri	Signature:
Checked: Habibullah Saifzai	Signature:
Date: 07/09/1444	Scale: 1:500
Status: FINAL DESIGN	Project Code:
SHEET NO. PP (6)	Revision 01





NOTE:

All dimensions are in meters unless otherwise indicated.

- LEGENDS
- CENTER LINE
 - RIGHT OF WAY
 - PROPOSED DITCH
 - EXISTING FENCE
 - EXISTING FEATURES
 - CULVERT
 - TREE
 - BENCH MARK

Date	Revision	Detail	Drawn	Checked	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

DESIGNED BY:
KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Road Construction Project from Pale Sakha Square to Pale Jambori Square

Drawing Title:

CROSS SECTIONS

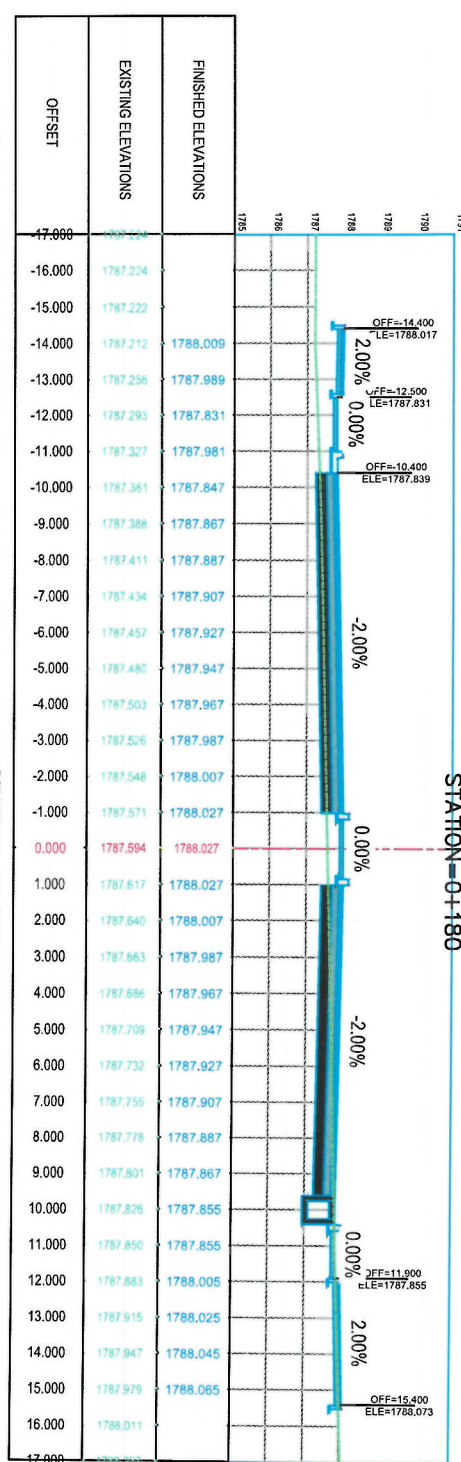
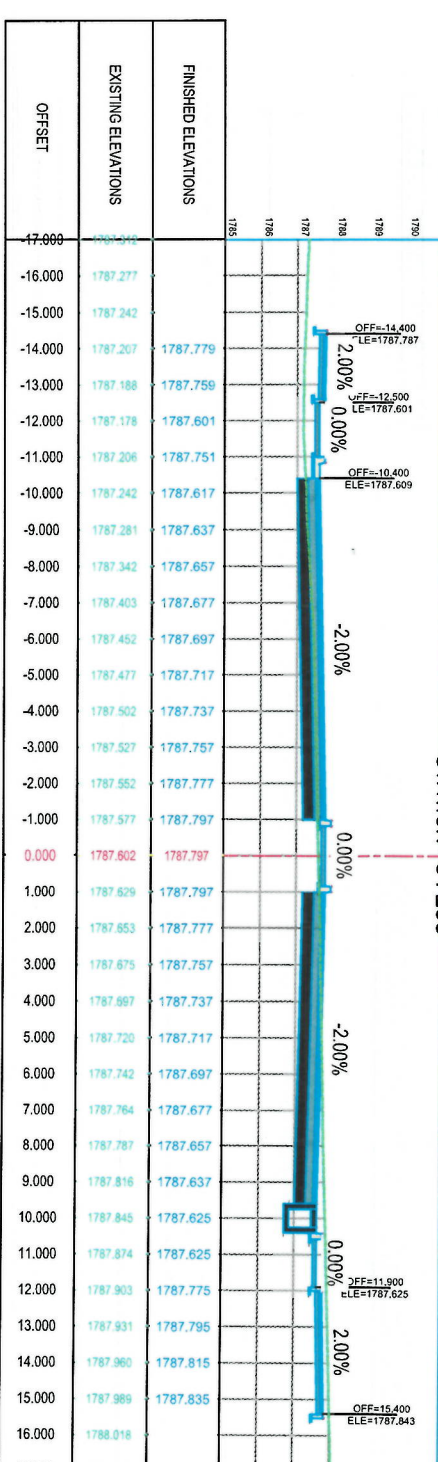
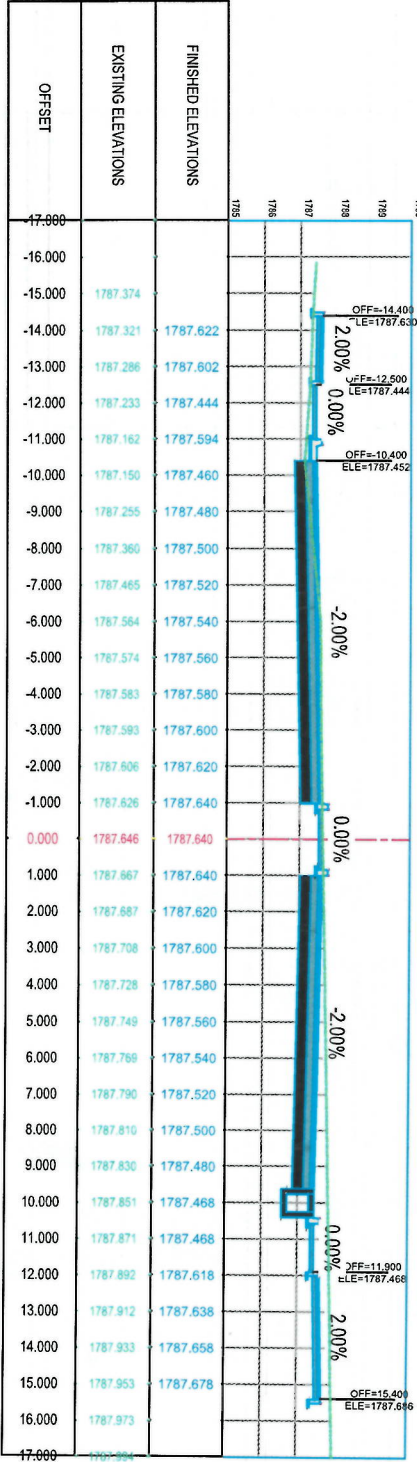
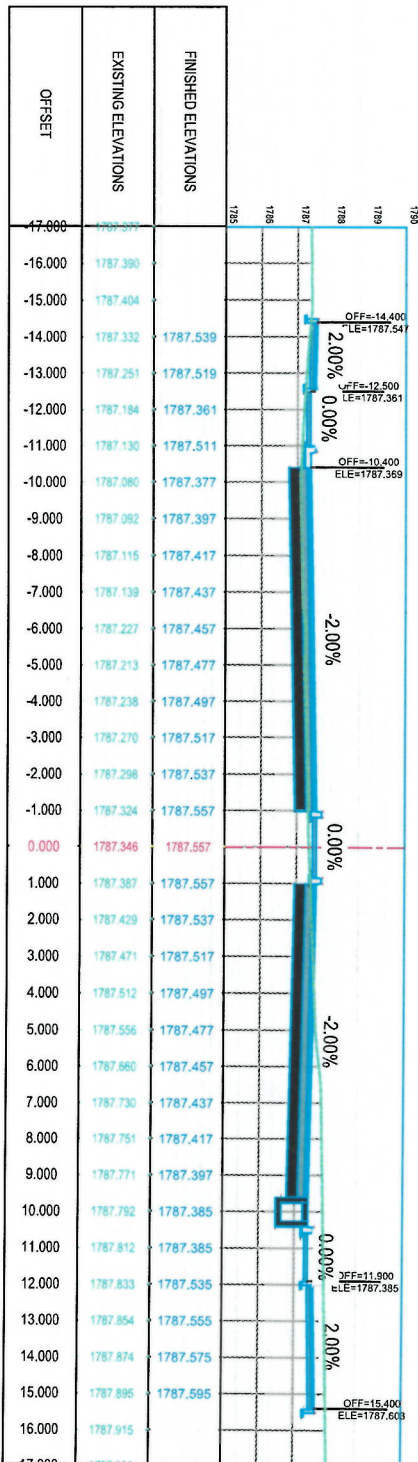
Drawn:	Noorjahan Nasiri	Signature:	
Designed:	Noorjahan Nasiri	Signature:	
Checked:	Habibullah Shalizi	Signature:	

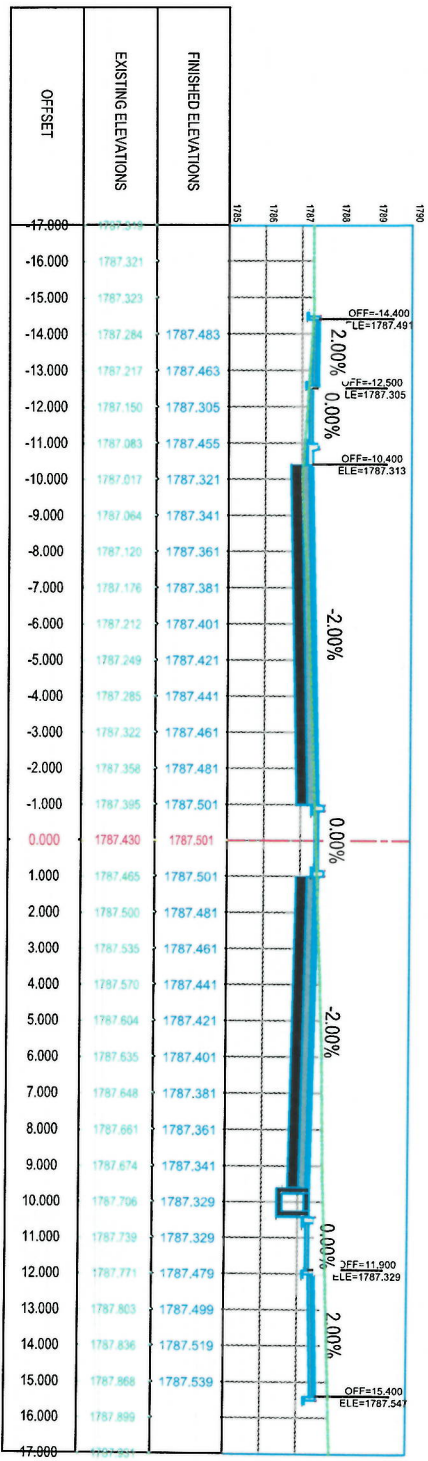
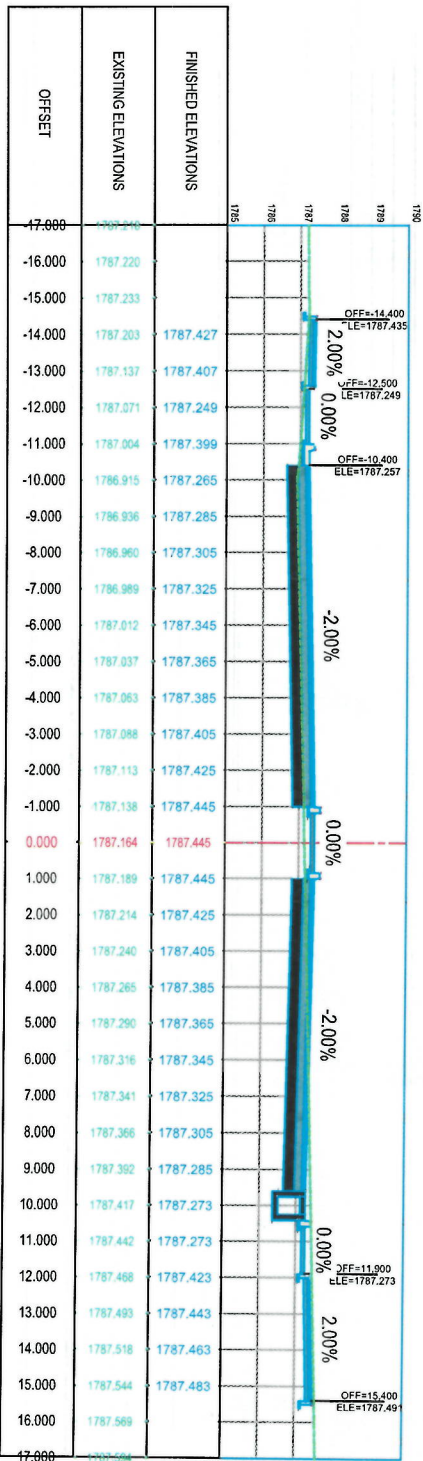
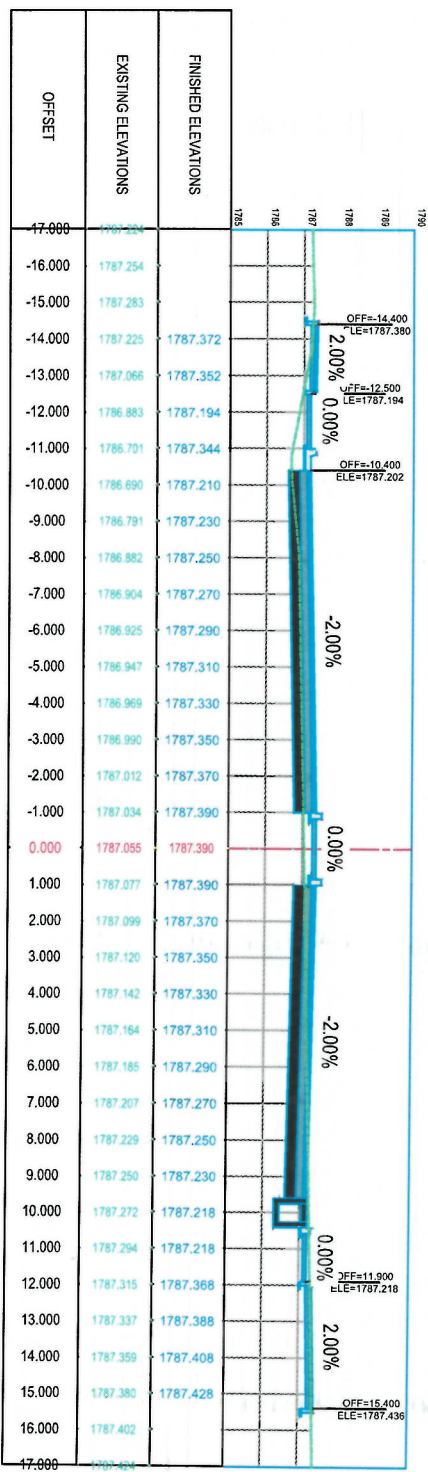
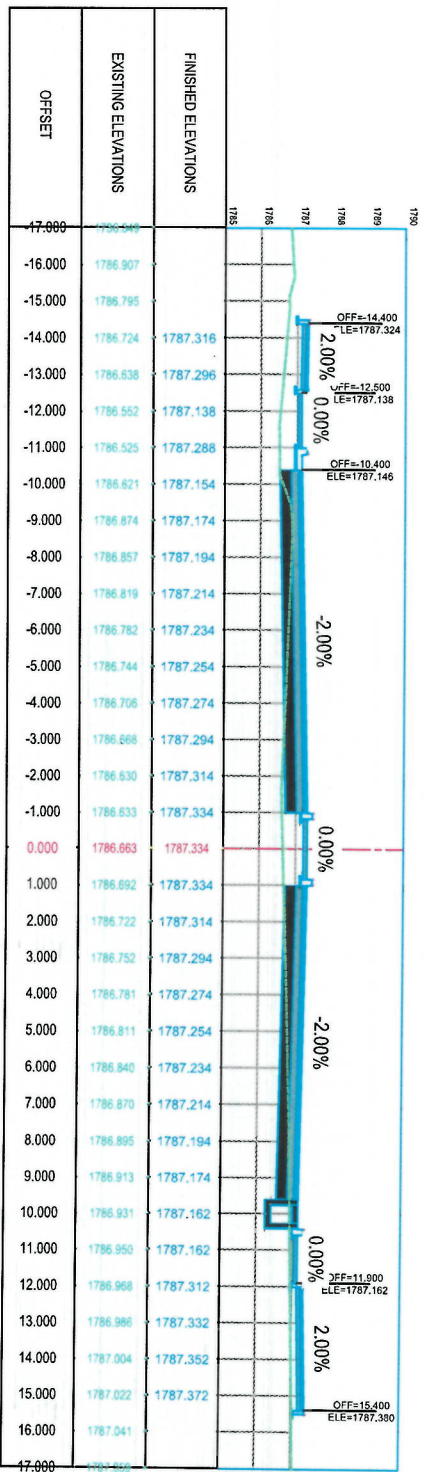
Date: 07/09/1444 Scale: 1:200

Status: FINAL DESIGN

Project Code

SHEET NO.	Revision
CS- 03	01





Project Name: Road Construction Project from Pole Sokhia Square to Pole Jambhori Square

Drawing Title: CROSS SECTIONS

Designed by: ISLAMIC EMIRATE OF AFGHANISTAN

KABUL MUNICIPALITY DESIGN TEAM

Checked: Huseinullah Shahzad

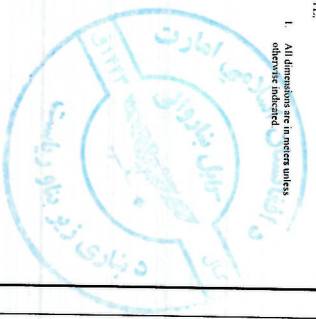
Signature: [Signature]

Date: 07/09/1444 Scale: 1:200

Status: FINAL DESIGN

Project Code: CS-05

Revision: 01



NOTE:

1. All dimensions are in meters unless otherwise indicated.

LEGENDS

- CENTER-LINE
- RIGHT OF WAY
- PROPOSED DITCH
- EXISTING FENCE
- EXISTING FEATURES
- CULVERT
- TREE
- BENCH MARK

Drawn	Signature	Checked	Signature
Designed	Signature	Checked	Signature
Reviewed	Signature	Checked	Signature
Date	Revision	Detail	Drawn
Date	Revision	Detail	Drawn

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:
KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Road Construction Project from Pole Sokha
Square to Pole Jamhuri Square

CROSS SECTIONS

Drawn	Signature	Checked	Signature
Designed	Signature	Checked	Signature
Reviewed	Signature	Checked	Signature
Date	Revision	Detail	Drawn
Date	Revision	Detail	Drawn

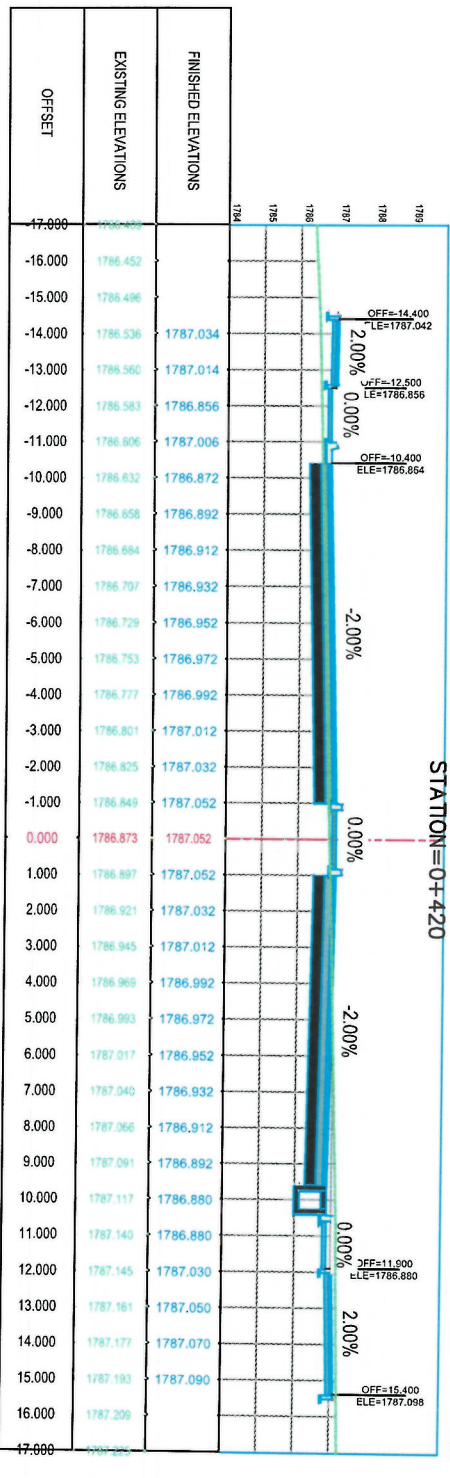
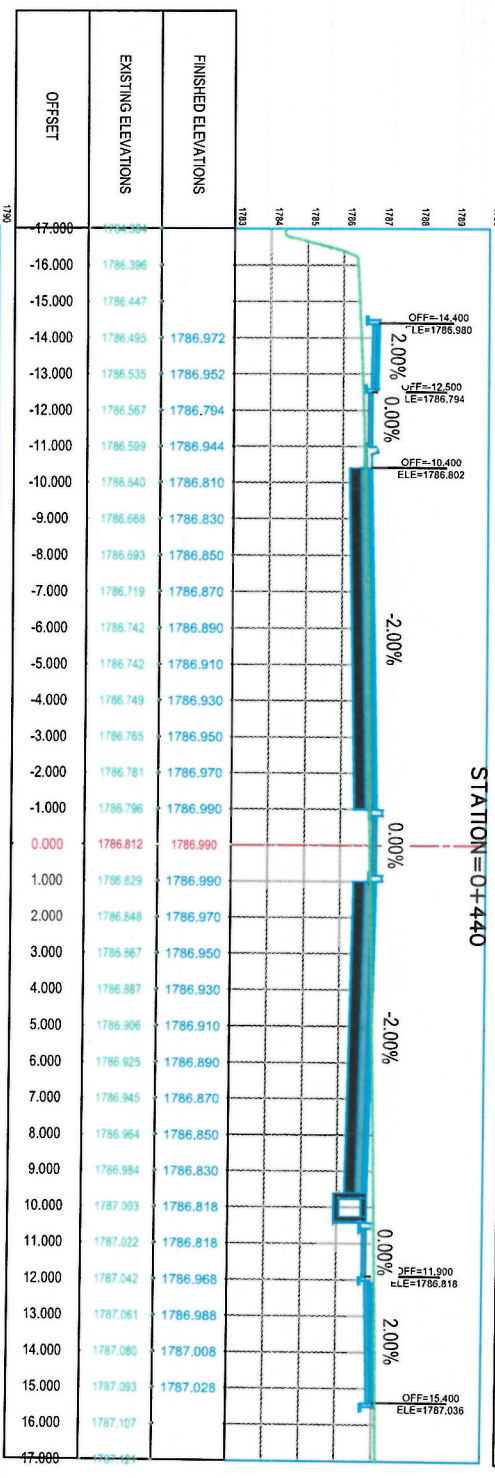
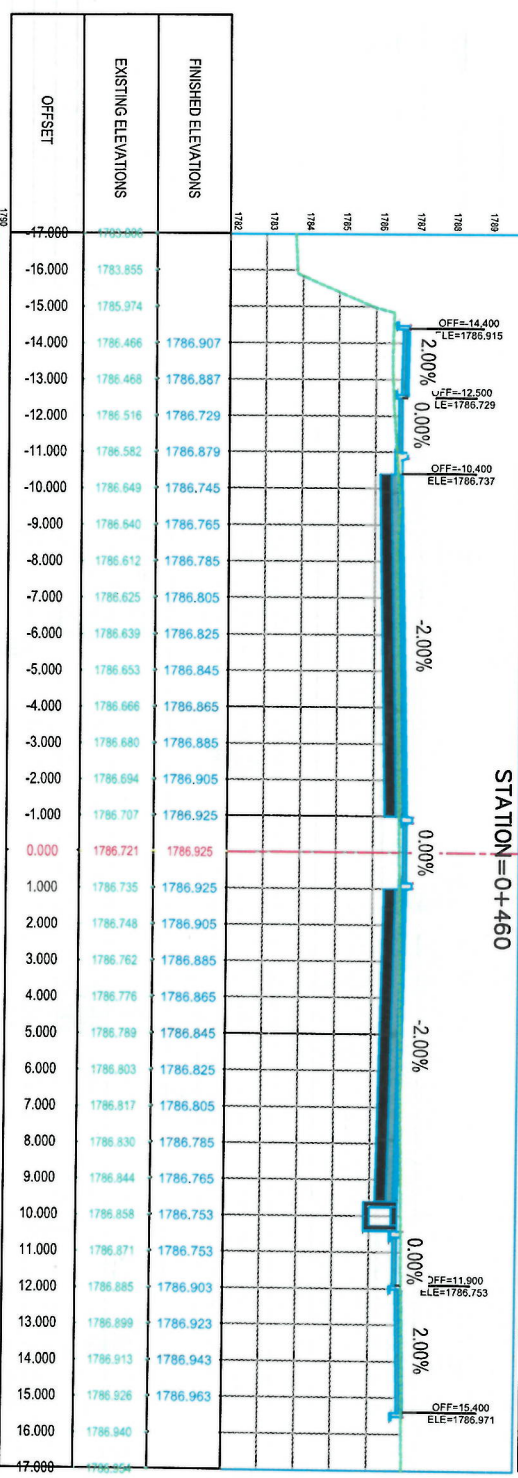
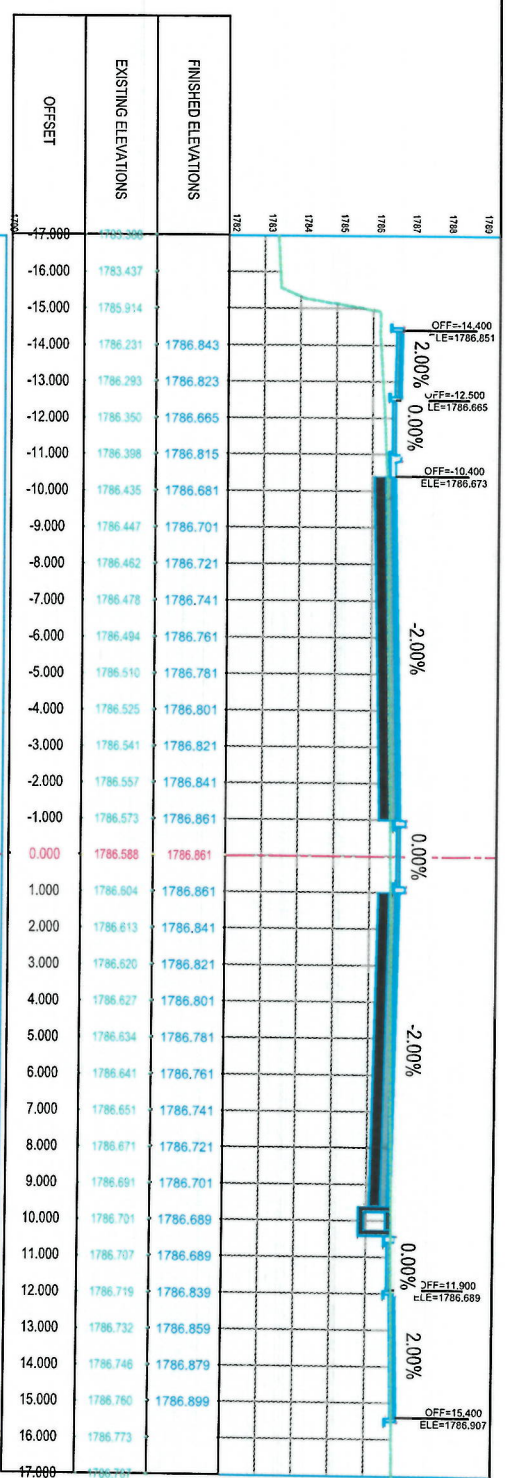
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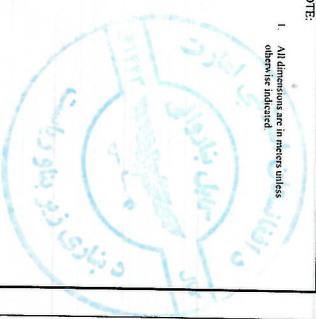
Scale: 1:200

Project Code: FINEL DESIGN

Sheet No: CS-07

Revision: 01





NOTE:
1. All dimensions are in meters unless
otherwise indicated.

- LEGENDS
- CENTER-LINE
 - RIGHT OF WAY
 - PROPOSED DITCH
 - EXISTING FENCE
 - EXISTING FEATURES
 - CUL VERT
 - TREE
 - BENCH MARK

Design by	
Checked by	
Reviewed by	
Approved by	

ISLAMIC EMIRATE OF
AFGHANISTAN

KABUL MUNICIPALITY
DESIGN TEAM

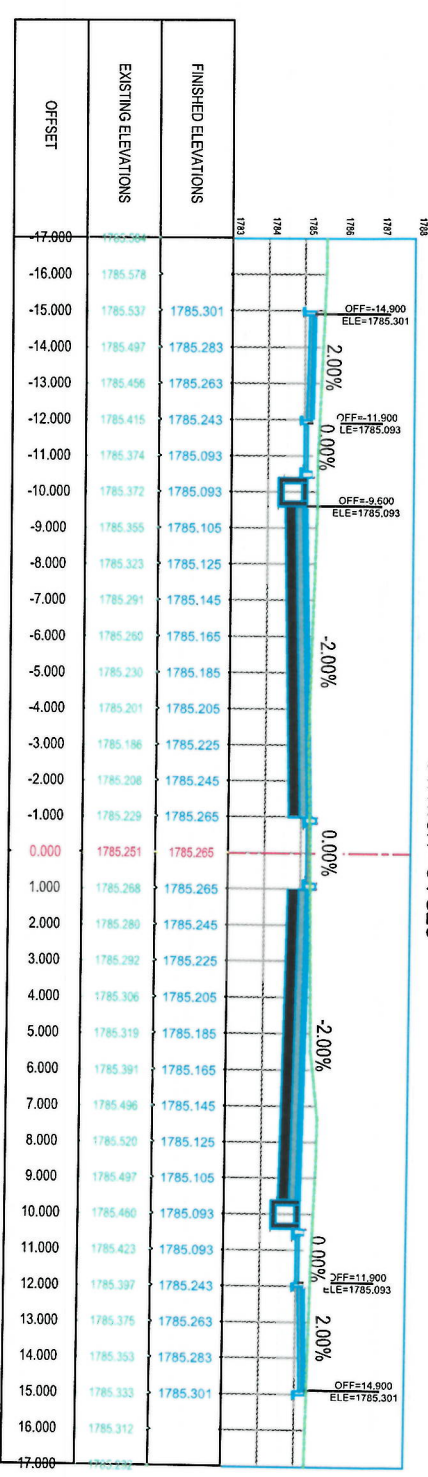
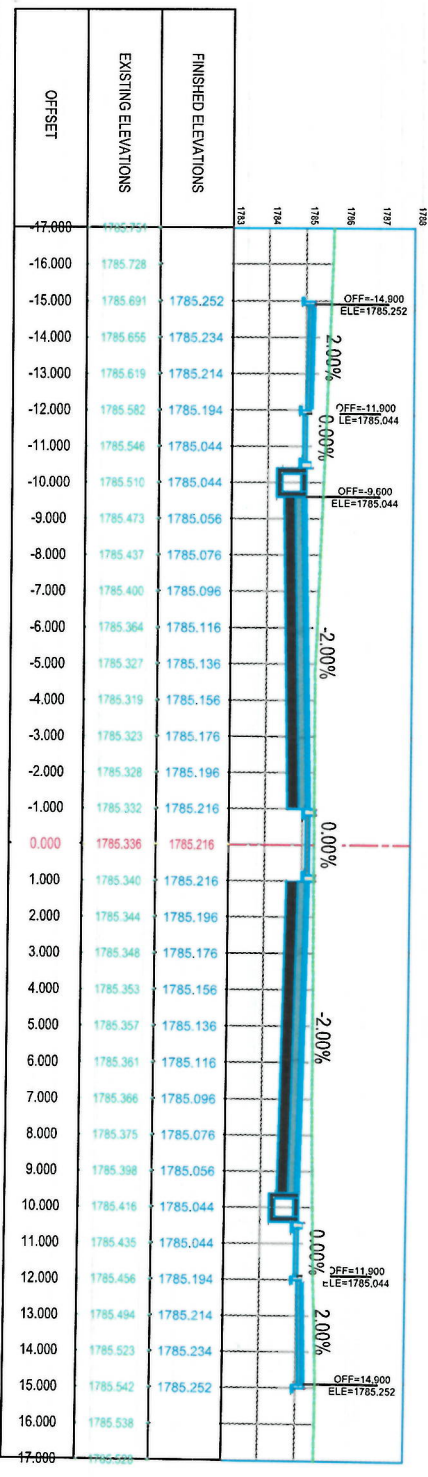
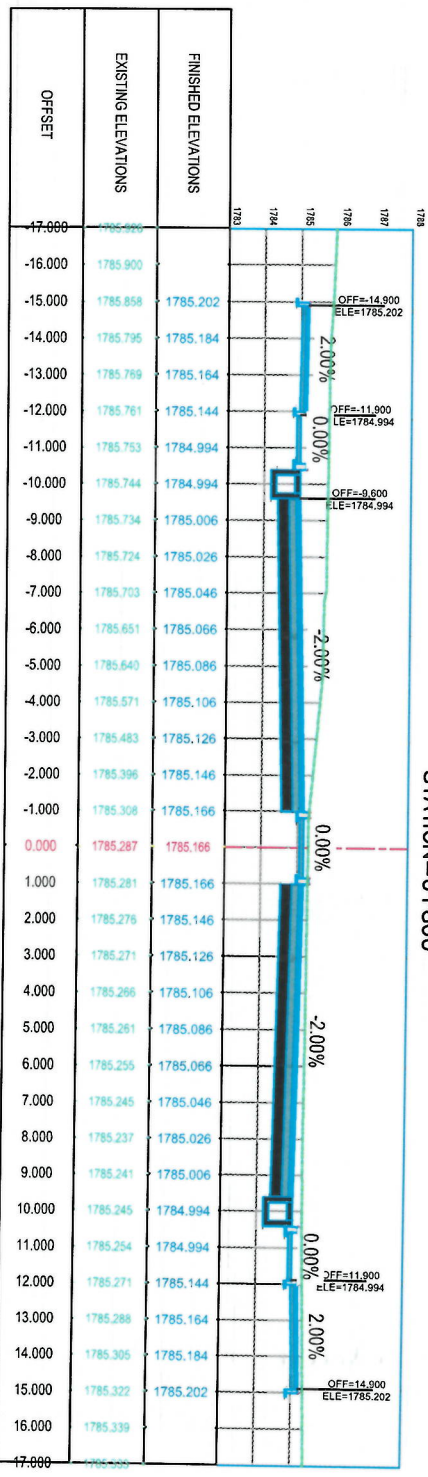
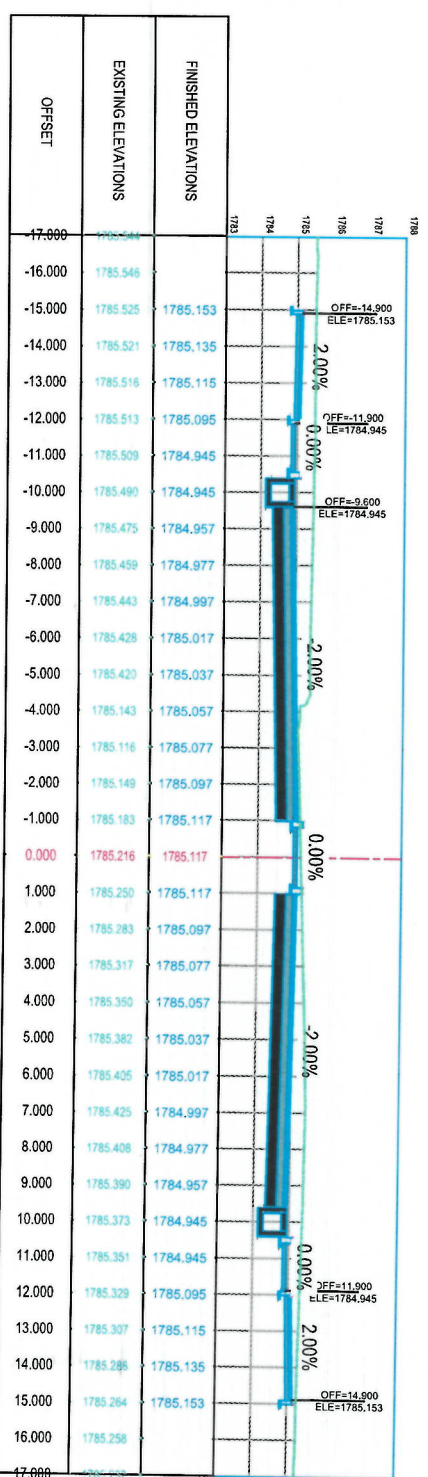
Project Name:
Road Construction Project from Pole Sokhia
Square to Pole Jamhuri Square

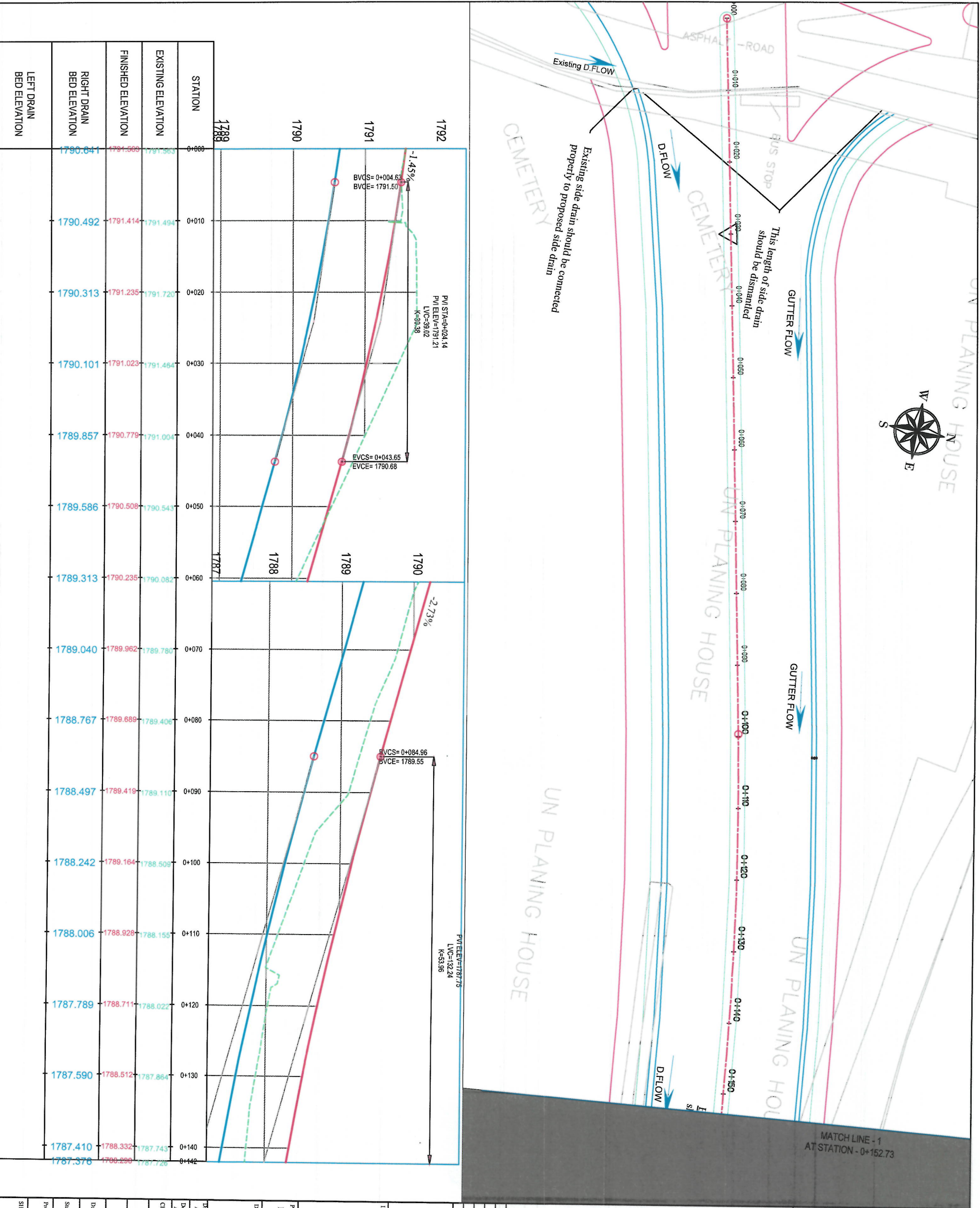
Drawing Title:
CROSS SECTIONS

Drawn:
Designed:
Checked:
Signature:
Signature:
Signature:

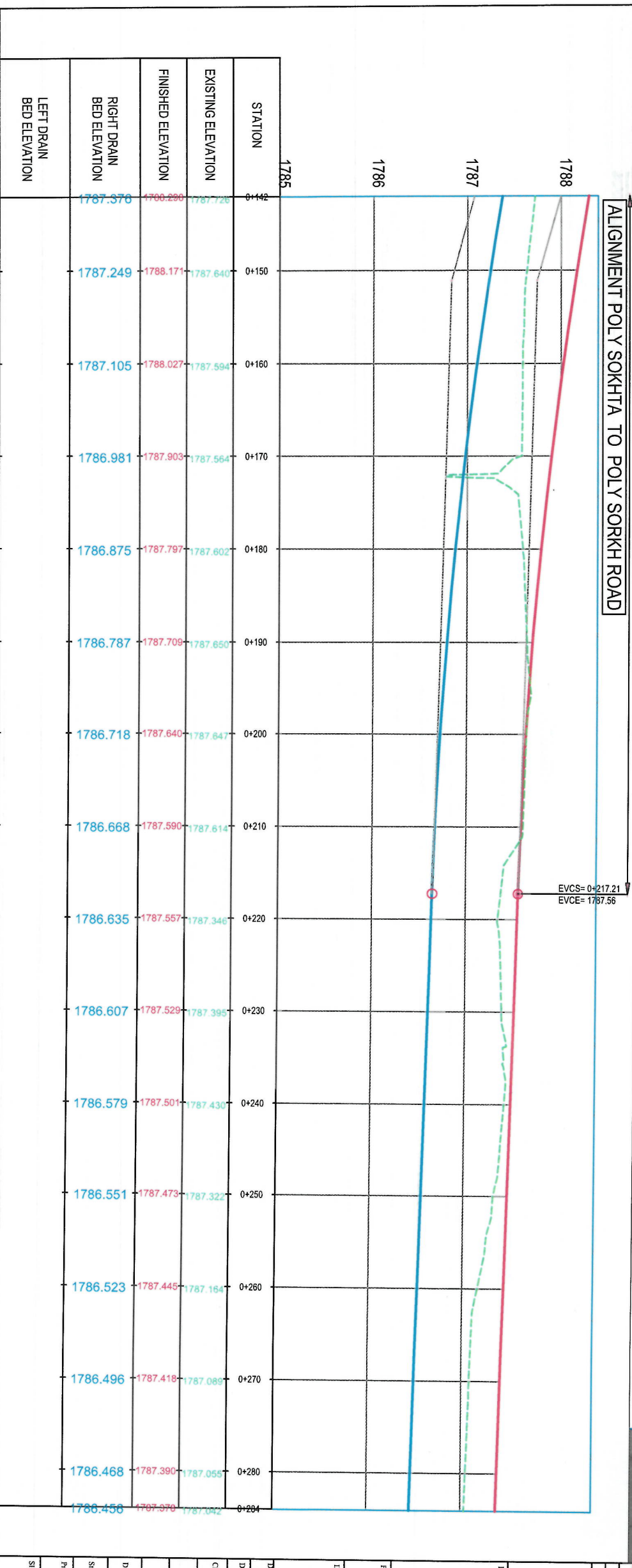
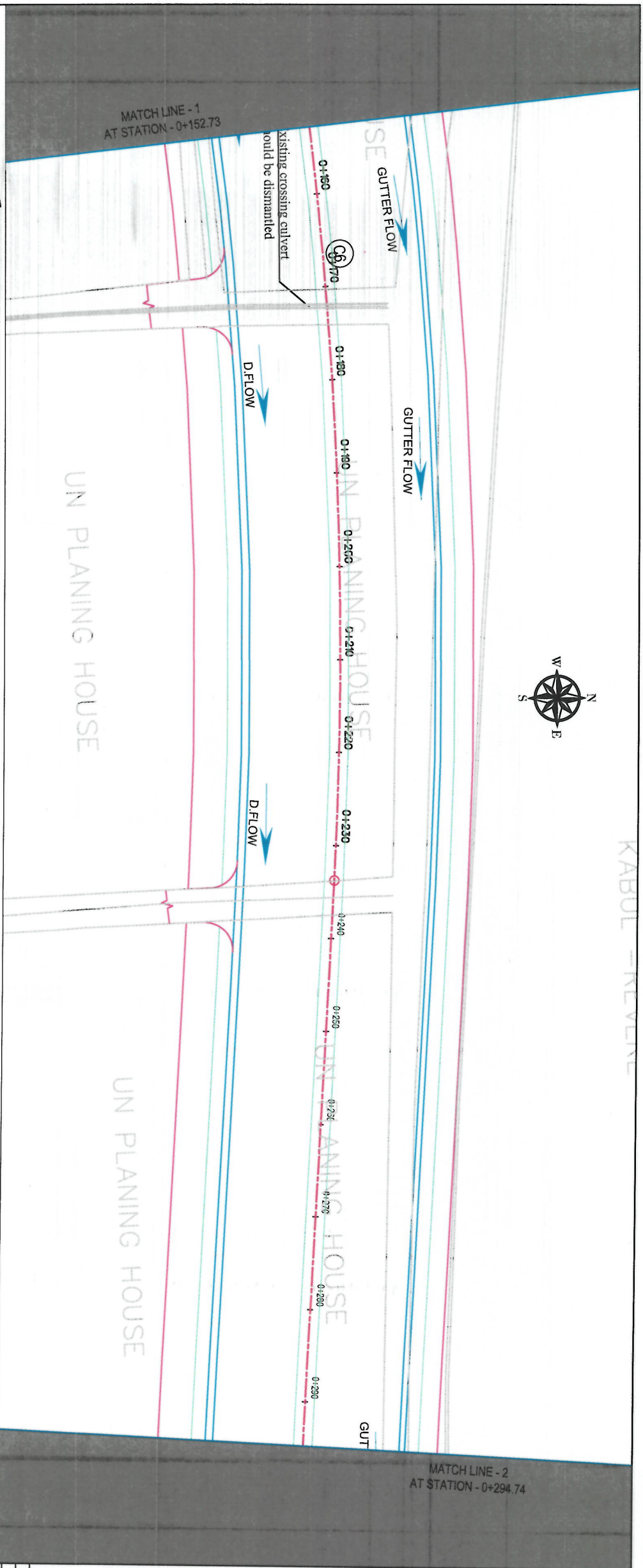
Date:
Scale:
Status:
Project Code:

SHEET NO.
CS- 14
Revision
01





NOTE:	
1. All dimensions are in meters unless otherwise indicated.	
LEGENDS	
CENTERLINE	RIGHT OF WAY
PROPOSED DITCH	EXISTING FENCE
EXISTING FEATURES	CULVERT
TREE	BENCH MARK
ELECTRIC POLE	ELECTRIC BOX
STEEL ELECTRIC POLE	
PROJECT INFORMATION	
ISLAMIC EMIRATE OF AFGHANISTAN	
KABUL MUNICIPALITY DESIGN TEAM	
Project Name: Road Construction Project from Pole Sokhta Square to Pole Janhori Square	
Drawing Title: DRAINAGE PLAN & PROFILE	
Designed By: [Signature]	
Checked: [Signature]	
Date: 07/09/1444 Scale: 1:500	
Status: FINAL DESIGN	
Project Code: [Blank]	
SHEET NO. 01	



NOTE:

1. All dimensions are in meters unless otherwise indicated.

LEGENDS

- CENTER LINE
- RIGHT OF WAY
- PROPOSED DITCH
- EXISTING FENCE
- EXISTING FEATURES
- CULVERT
- TREE
- BENCH MARK
- ELECTRIC POLE
- ELECTRIC BOX
- STEEL ELECTRIC POLE

DESIGNED BY:

ISLAMIC EMIRATE OF AFGHANISTAN

DESIGNED BY:

KABUL MUNICIPALITY DESIGN TEAM

PROJECT NAME:

Road Construction Project from Poly Sokhta Square to Poly Jamhorit Square

DRAWING TITLE:

DRAINAGE PLAN & PROFILE

DATE:

07/09/1444

SCALE:

1:500

STATUS:

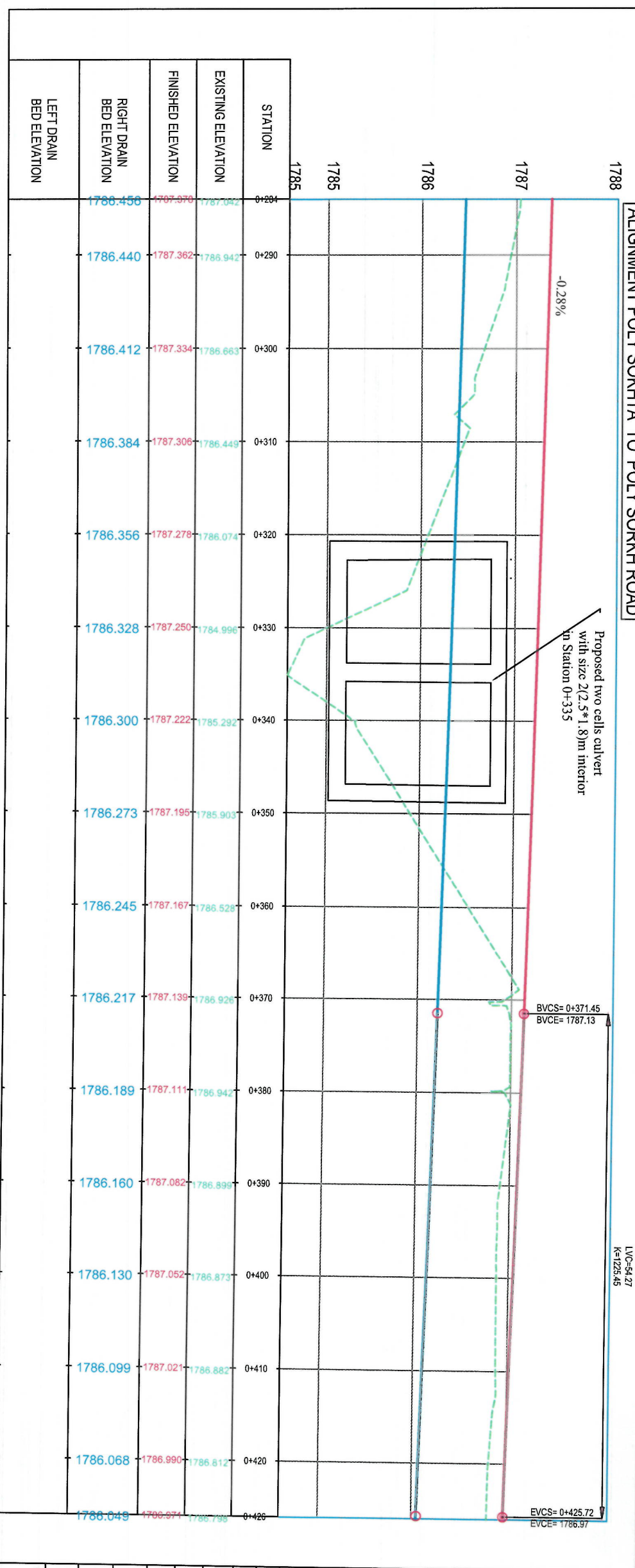
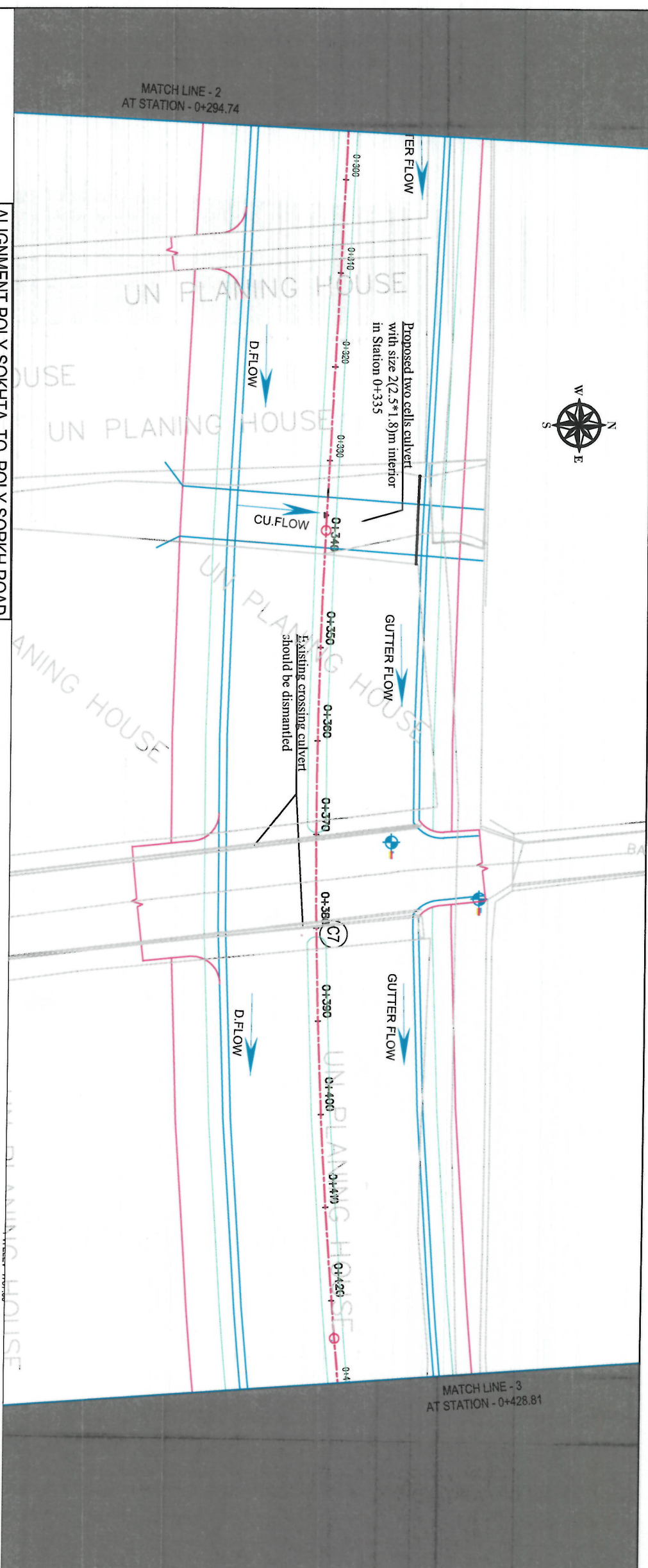
FINAL DESIGN

PROJECT CODE:

PP (1)

REVISION:

01



NOTE:
1. All dimensions are in meters unless otherwise indicated.

LEGENDS

- CENTER-LINE
- RIGHT OF WAY
- PROPOSED DITCH
- EXISTING FENCE
- EXISTING FEATURES
- CULVERT
- TREE
- BENCH MARK
- ELECTRIC POLE
- ELECTRIC BOX
- STEEL ELECTRIC POLE

DESIGNED BY:
ISLAMIC EMIRATE OF
AFGHANISTAN

DRAWN BY:
KABUL MUNICIPALITY
DESIGN TEAM

PROJECT NAME:
Road Construction Project from Pole Sokhta
Square to Pole Jambort Square

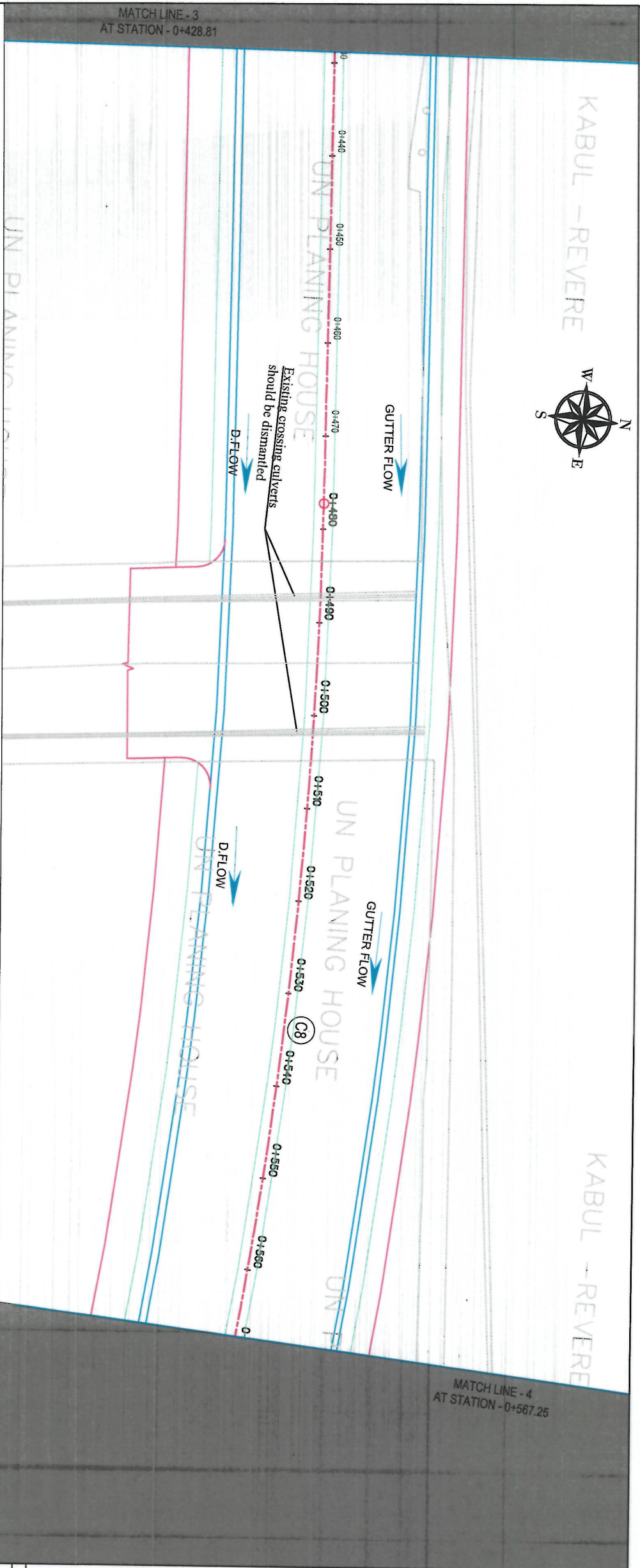
DRAWING TITLE:
DRAINAGE
PLAN & PROFILE

DATE:
07/09/1444
SCALE:
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STATUS:
FINAL
DESIGN

PROJECT CODE:
SHEET NO.
PP (2)

REVISION:
01



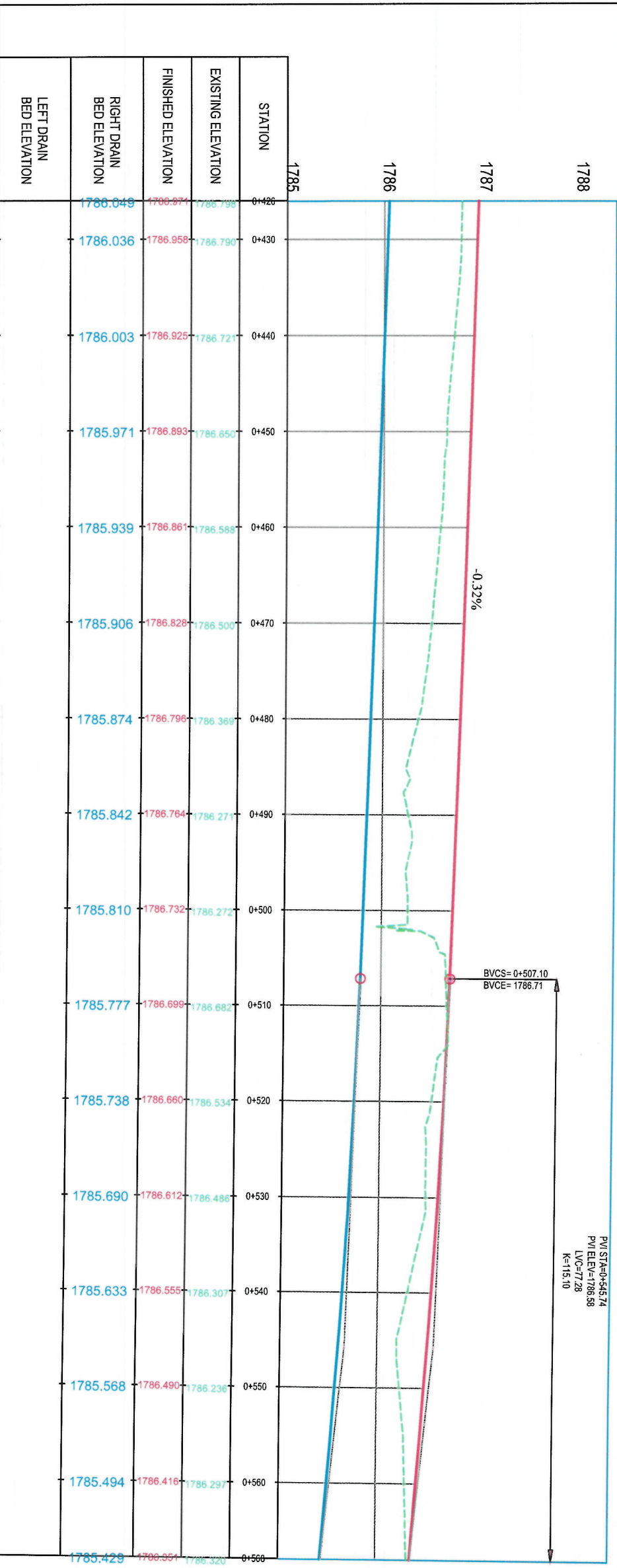
NOTE:

1. All dimensions are in meters unless otherwise indicated.

LEGENDS

- CENTER-LINE
- RIGHT OF WAY
- PROPOSED DITCH
- EXISTING FENCE
- EXISTING FEATURES
- CULVERT
- TREE
- BENCH MARK
- ELECTRIC POLE
- ELECTRIC BOX
- STEEL ELECTRIC POLE

ALIGNMENT POLY SOKHTA TO POLY SORKH ROAD



Project Name:
Road Construction Project from Pole Sokhta
Square to Pole Jamhori Square

Drawing Title:
**DRAINAGE
PLAN & PROFILE**

Designed By:
ISLAMIC EMIRATE OF
AFGHANISTAN

Designed By:
KABUL MUNICIPALITY
DESIGN TEAM

Drawn:
Abdul Shakoor Manour

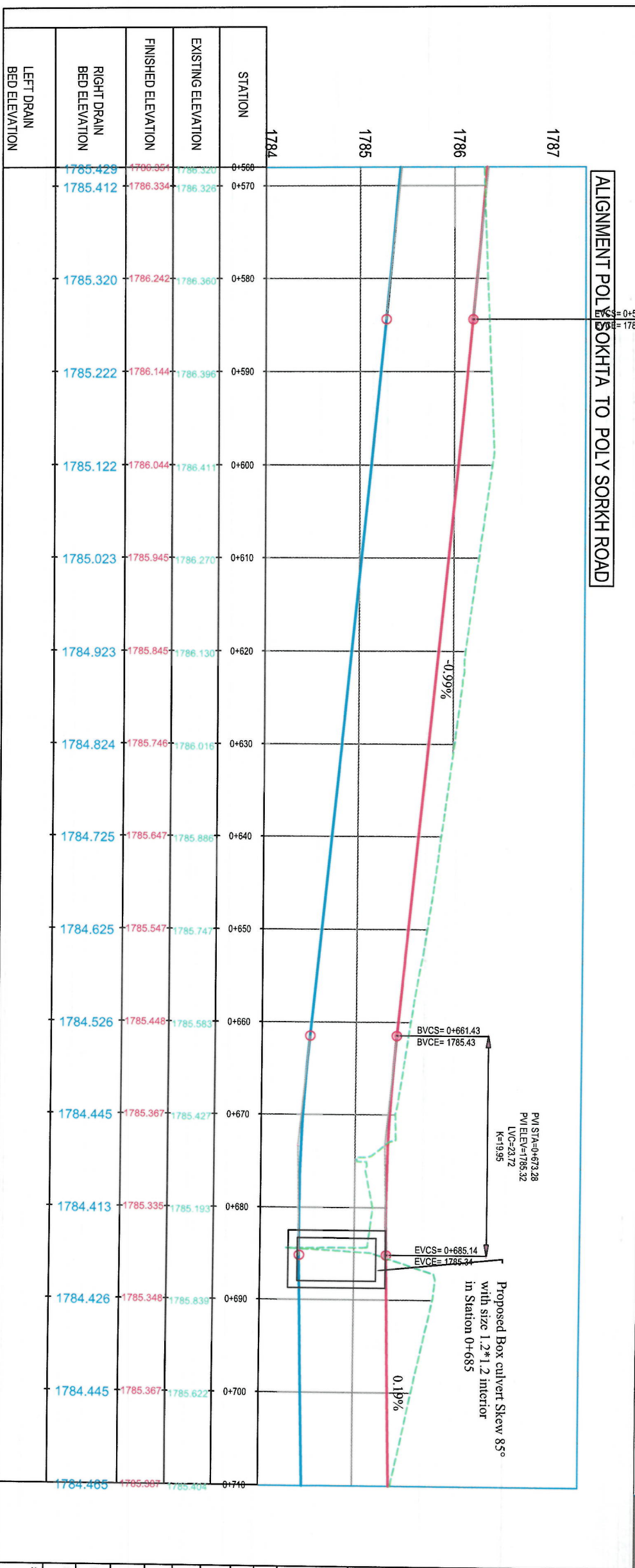
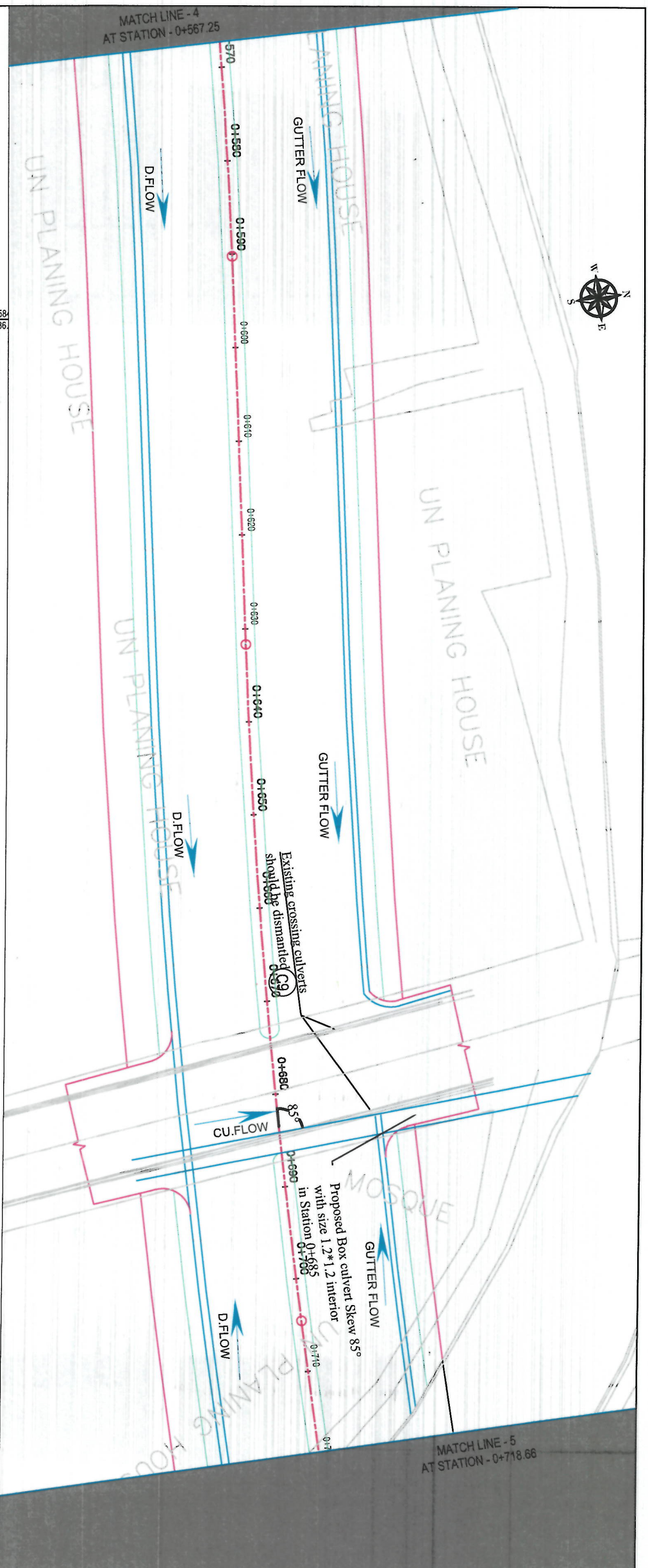
Checked:
Tasbeeha Shafiqi

Date:
07/09/1444

Scale:
1:500

Sheet No.
PP (3)

Revision
01



- LEGENDS
- CENTER-LINE
 - RIGHT OF WAY
 - PROPOSED DITCH
 - EXISTING FENCE
 - EXISTING FEATURES
 - CULVERT
 - TREE
 - BENCH MARK
 - ELECTRIC POLE
 - ELECTRIC BOX
 - STEEL ELECTRIC POLE

Date	Revision	Drawn	Checked	Appr

DESIGNED BY:
ISLAMIC REPUBLIC OF AFGHANISTAN
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Road Construction Project from Pole Sokhta Square to Pole Jamhuri Square

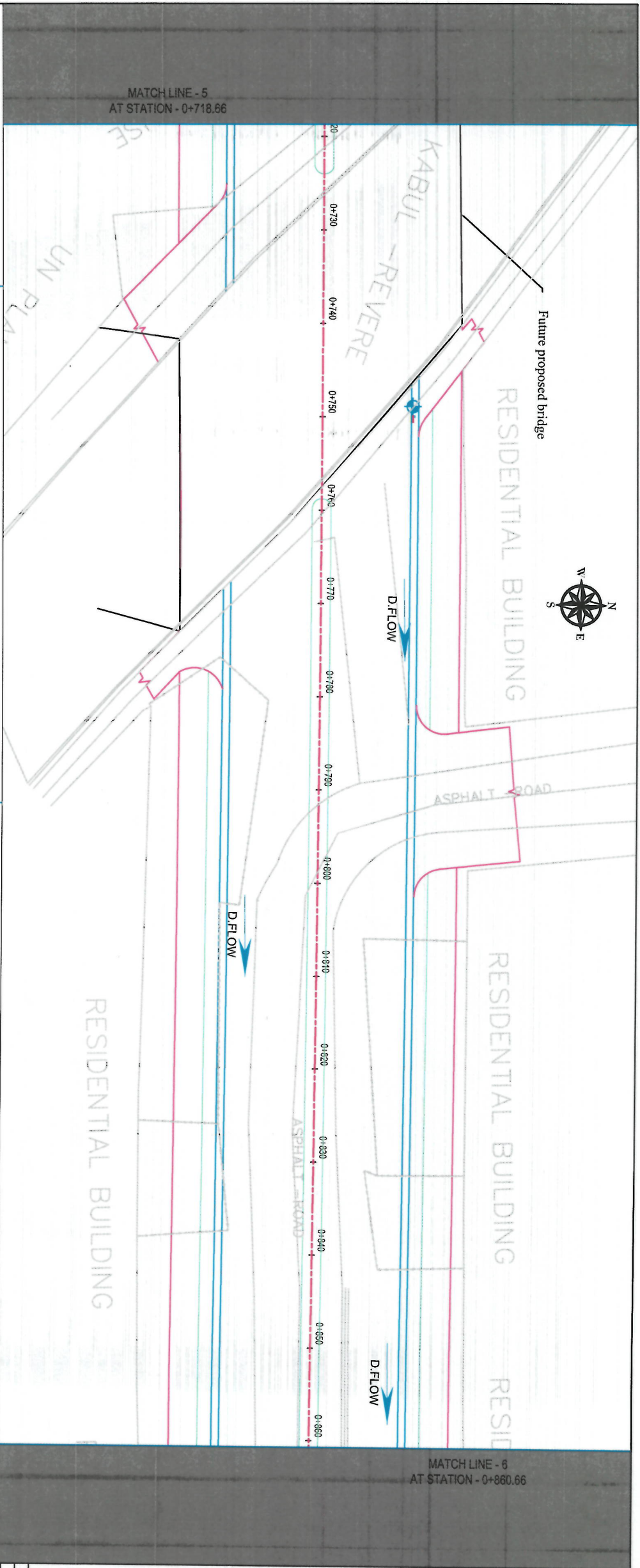
Drawing Title:
DRAINAGE PLAN & PROFILE

Drawn:
Abdul Shakoor Mansoor
Designed:
Abdul Shakoor Mansoor
Checked:
Habibullah Shahidi

Date:
07/09/1444
Scale:
1:500

Status:
FINAL DESIGN

Project Code:
SHEET NO.
PP (4)
Revision
01



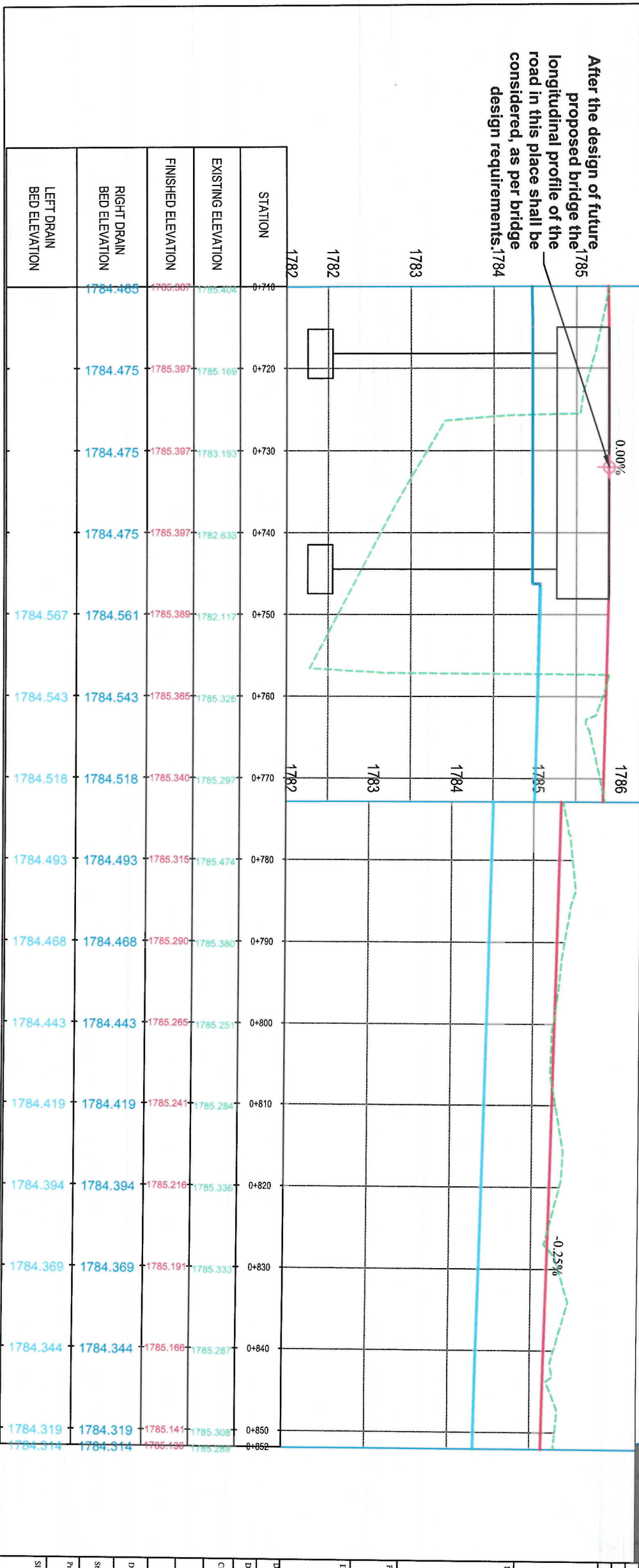
NOTE:

1. All dimensions are in meters unless otherwise indicated.

LEGENDS

- CENTERLINE
- RIGHT OF WAY
- PROPOSED DITCH
- EXISTING FENCE
- EXISTING FEATURES
- CUL VERT
- TREE
- BENCH MARK
- ELECTRIC POLE
- ELECTRIC BOX
- STEEL ELECTRIC POLE

After the design of future proposed bridge the longitudinal profile of the road in this place shall be considered, as per bridge design requirements.1784



Project Name:

Road Construction Project from Pole Sokhta Square to Pole Janhori Square

Designed By:

KABUL MUNICIPALITY DESIGN TEAM

Drawing Title:

DRAINAGE PLAN & PROFILE

Drawn:

Abdul Shakoor Mansour

Designed:

Abdul Shakoor Mansour

Checked:

Hasbullah Shalizi

Date:

07/09/1444

Scale:

1:300

Status:

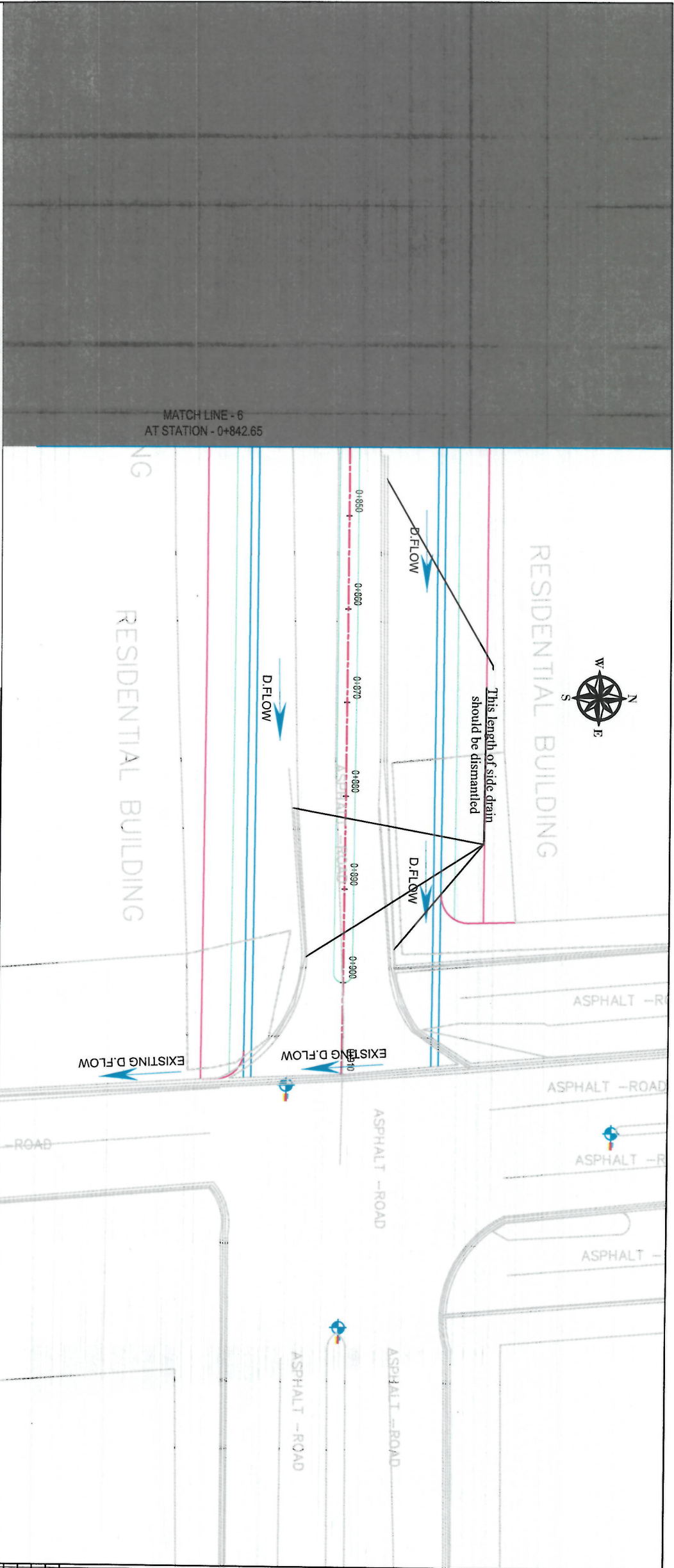
FINAL DESIGN

Project Code:

PP (5)

Revision:

01

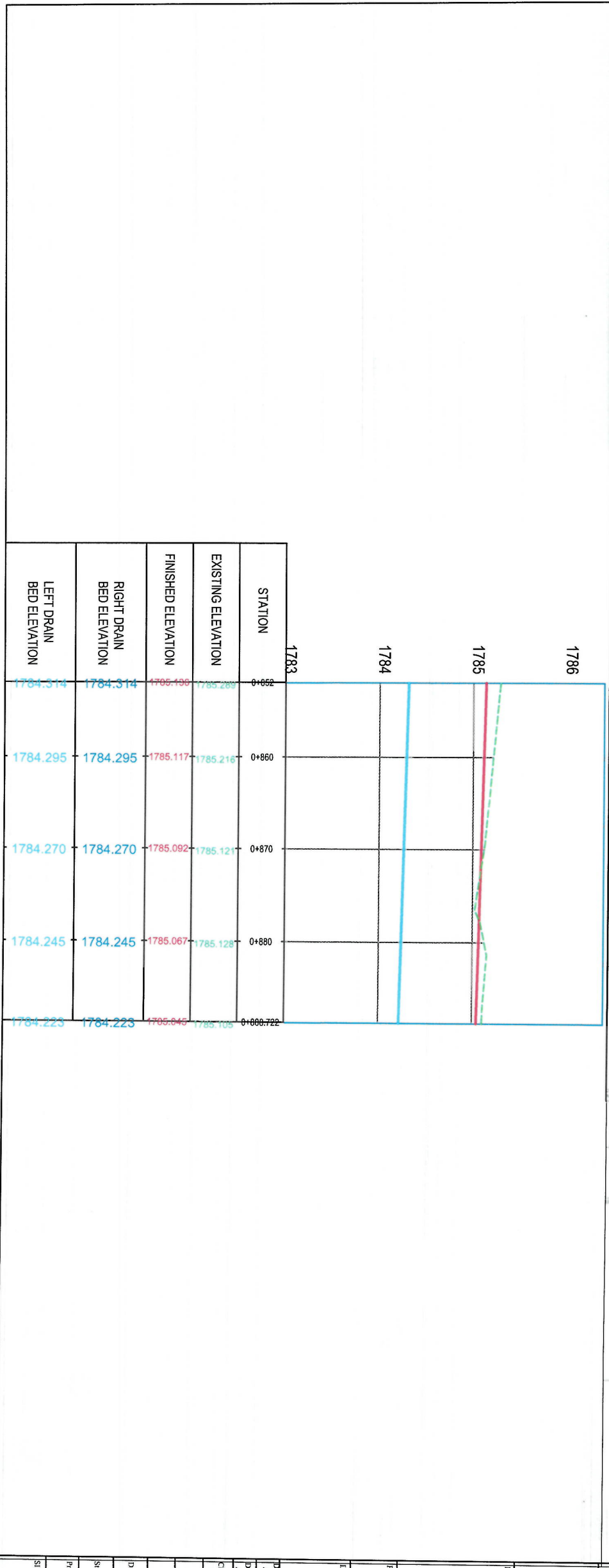


NOTE:
1. All dimensions are in meters unless otherwise indicated.

LEGENDS

- CENTER LINE
- RIGHT OF WAY
- PROPOSED DITCH
- EXISTING FENCE
- EXISTING FEATURES
- CULVERT
- TREE
- BENCH MARK
- ELECTRIC POLE
- ELECTRIC BOX
- STEEL ELECTRIC POLE

Date	Revision	Detail	Drawn	Chkd	Appr



ISLAMIC EMIRATE OF AFGHANISTAN

DESIGNED BY: KAREL MUNICIPALITY DESIGN TEAM

Project Name: Road Construction Project from Pole Sokha Square to Pole Jamhorit Square

Drawing Title: DRAINAGE PLAN & PROFILE

Drawn: Abdul Shakor Mansour

Designed: Abdul Shakor Mansour

Checked: Hashimullah Shalizi

Date: 07/09/1444

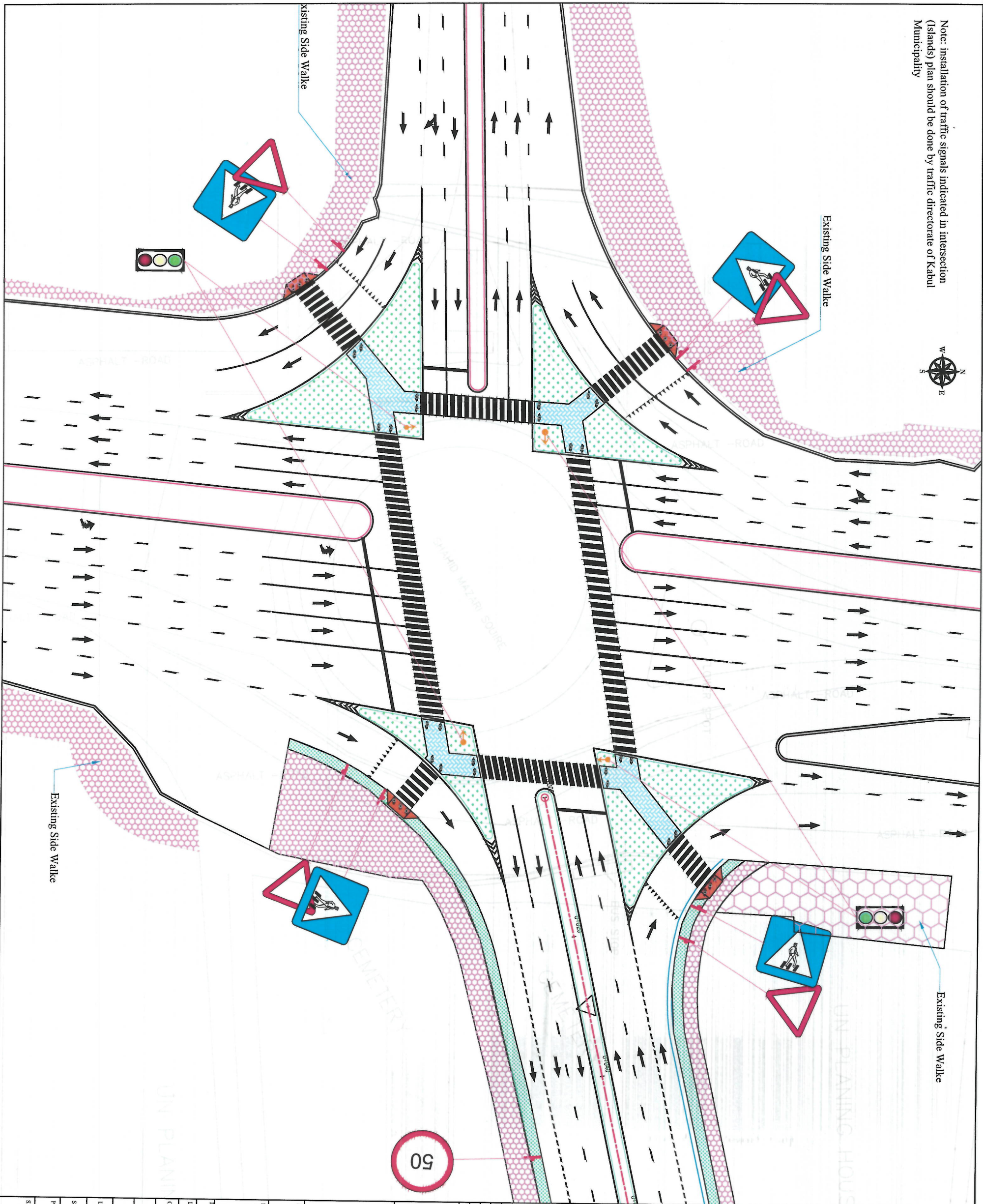
Scale: 1:500

Status: FINAL DESIGN

Project Code: PP (6)

Revision: 01

Note: installation of traffic signals indicated in intersection (Islands) plan should be done by traffic directorate of Kabul Municipality



NOTE:

1. All dimensions are in meters unless otherwise indicated.



LEGENDS

- Dotted Line Marking
- Broken Line Marking
- Solid White Marking
- Through Movement Arrow
- Left, Through Movement Arrow
- Left/Right Movement Arrow
- Sign Installation location

Date	Revision	Detail/Drawn	Chkd.	Appr.

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:

KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Road Construction Project from Pole Sokhtia Square to Pole Jamhuri Square

Drawing Title:
ROAD & ROUNDABOUT MARKING

Drawn:	Signature:
Noorjahan Naezi	
Designed:	Signature:
Noorjahan Naezi	
Checked:	Signature:
Heshmatullah Shahidi	

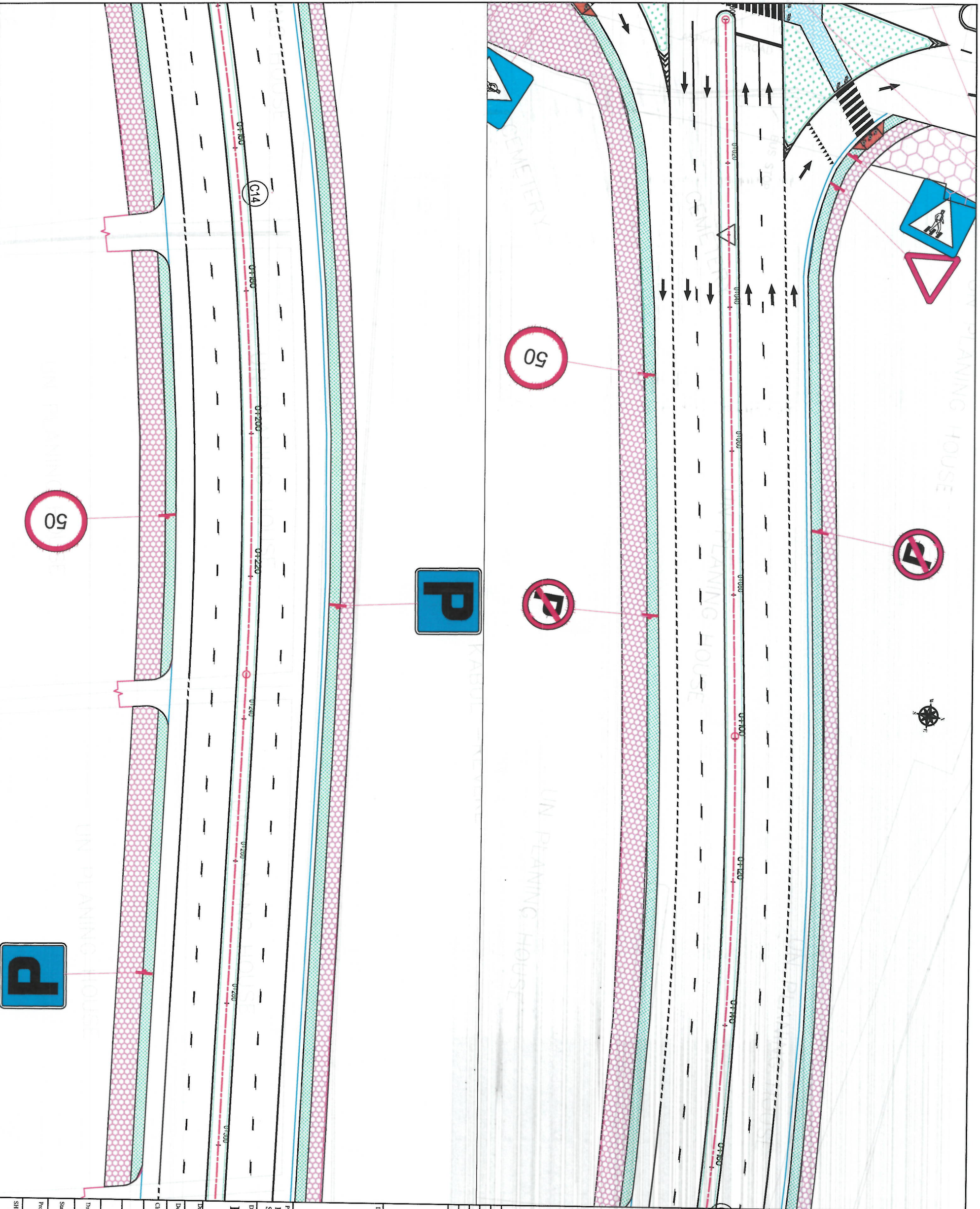
Date: 07/09/1444 Scale: 1:500

Status: FINAL DESIGN

Project Code

SHEET NO. PP(1)

Revision 01



NOTE:	
1. All dimensions are in meters unless otherwise indicated.	
LEGENDS	
Dotted Line Marking	— · — · —
Broken Line Marking	- - - - -
Solid White Marking	—
Through Movement Arrow	→
Left Through Movement Arrow	↙
Left/Right Movement Arrow	↖ ↗
Sign installation location	⊥
ISLAMIC EMIRATE OF AFGHANISTAN	
KABUL MUNICIPALITY DESIGN TEAM	
Designed By:	
Project Name:	
Road Construction Project from Pole Sokhia Square to Pole Jamhori Square	
Drawing Title:	
ROAD & ROUNDABOUT MARKING	
Drawn:	Signature: _____
Designed:	Signature: _____
Checked:	Signature: _____
Date: 07/09/1444 Scale: 1:500	
Status: FINAL DESIGN	
Project Code:	
SHEET NO. PP(2)	
Revision 01	



NOTE:

1. All dimensions are in meters unless otherwise indicated.

LEGENDS

- Dotted Line Marking
- Broken Line Marking
- Solid White Marking
- Through Movement Arrow
- Left, Through Movement Arrow
- Left/Right Movement Arrow
- Sign installation location

Date	Revision	Drawn	Checked	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:

KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Road Construction Project from Pole Sokhta
Square to Pole Jamhuri Square

Drawing Title:

ROAD & ROUNDABOUT
MARKING

Drawn:	Signature:
Designed:	Signature:
Checked:	Signature:

Date:

07/09/1444

Scale:

1:500

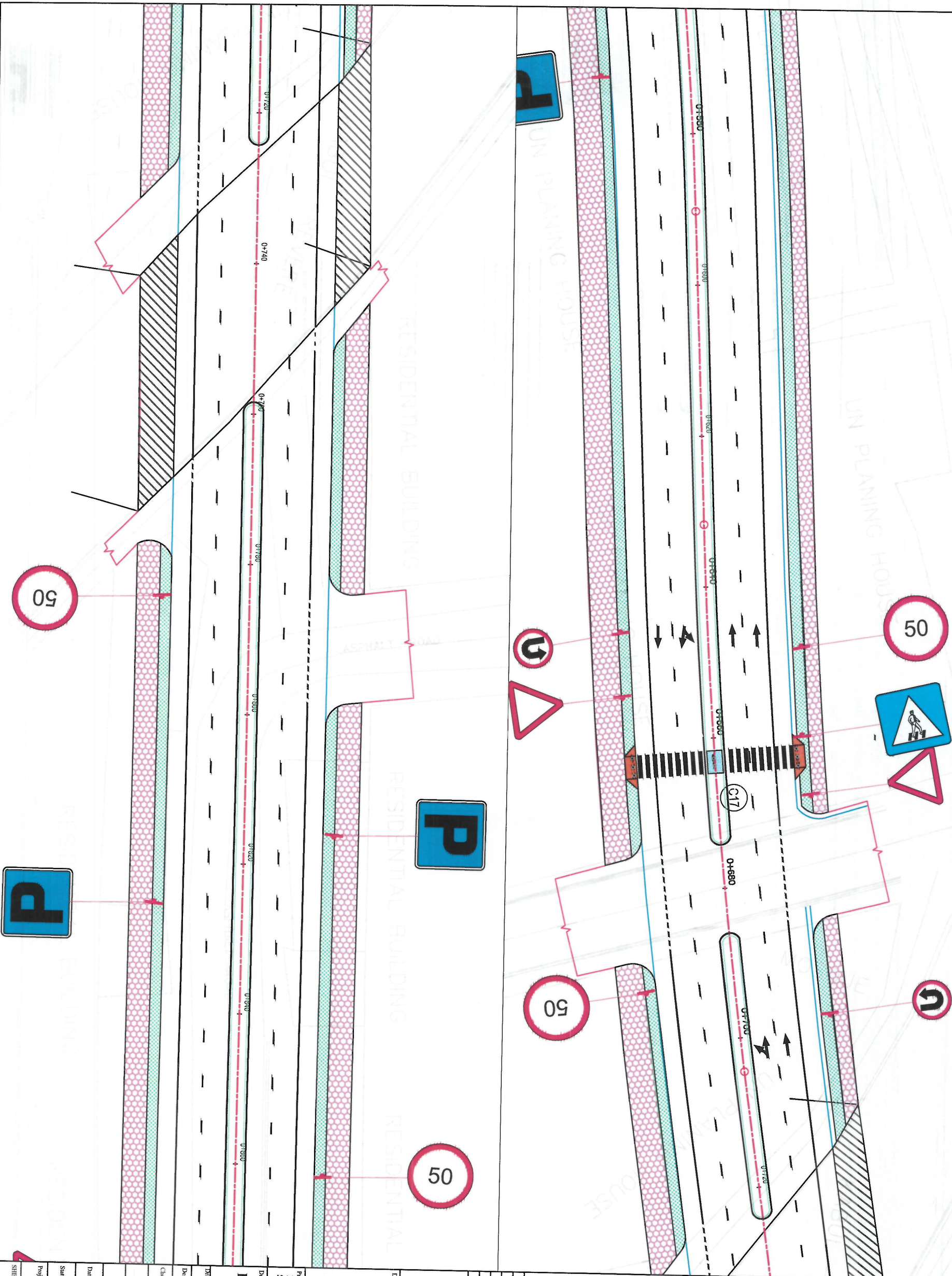
Status:

FINAL
DESIGN

Project Code:

SHEET NO.
PP(3)

Revision
01



- LEGENDS
- Dotted Line Marking
 - Broken Line Marking
 - Solid White Marking
 - Through Movement Arrow
 - Left Through Movement Arrow
 - Left/Right Movement Arrow
 - Sign installation location

Date	Revision Detail/Drawn	Chkd	Appr

DESIGNED BY:
ISLAMIC EMIRATE OF AFGHANISTAN
KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Road Construction Project from Pole Sokhtia Square to Pole Jamhori Square

Drawing Title:
ROAD & ROUNDABOUT MARKING

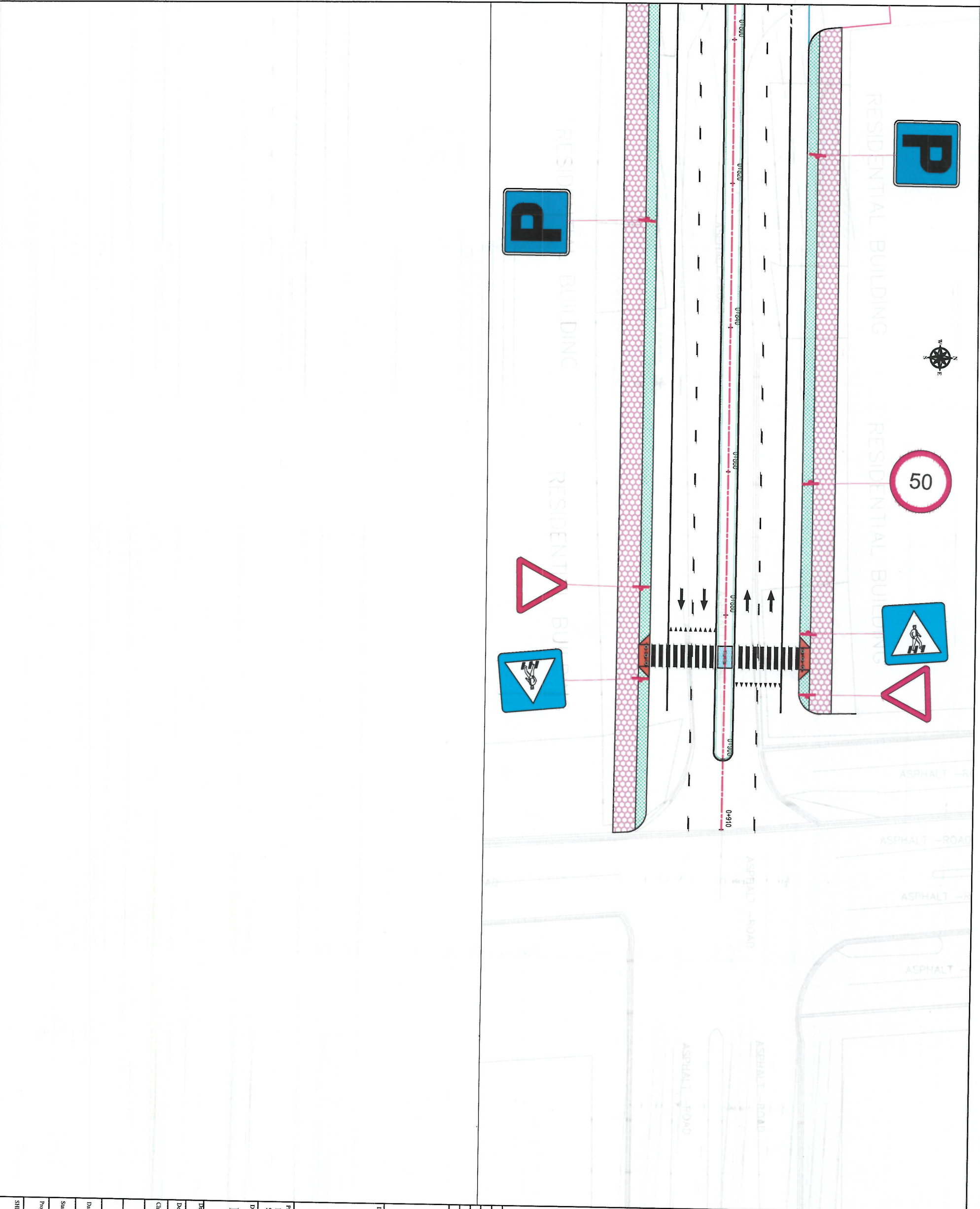
Drawn:	Signature
Designed:	Signature
Checked:	Signature

Date: 07/09/1444
Scale: 1:500

State: FINAL DESIGN

Project Code: PP (4)

Revision: 01



NOTE:
1. All dimensions are in meters unless
otherwise indicated.



- LEGENDS
- Dotted Line Marking
 - Broken Line Marking
 - Solid White Marking
 - Through Movement Arrow
 - Left/Through Movement Arrow
 - Left/Right Movement Arrow
 - Sign Installation location

Date	Revision	Drawn	Checked	Appr

ISLAMIC EMIRATE OF
AFGHANISTAN

DESIGNED BY:

KARU MUNICIPALITY
DESIGN TEAM

Project Name:
Road Construction Project from Pole Sokhia
Square to Pole Jamhuri Square

Drawing Title:
ROAD & ROUNDABOUT
MARKING

Drawn:	Signature:
Noorjail Naseri	
Designed:	Signature:
Noorjail Naseri	
Checked:	Signature:
Heshab Shahzai	

Date: 07/09/1444 Scale: 1:500

Status: FINAL DESIGN

Project Code:

SHEET NO. 01

Revision 01

1. All dimensions are in meters unless otherwise indicated.

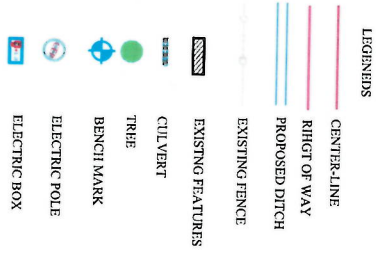
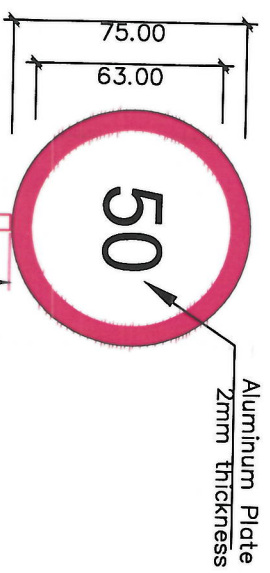
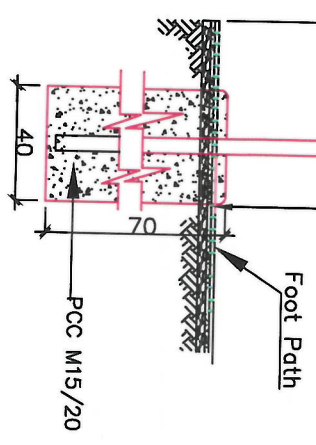


Diagram of a circular 'No U-turn' traffic sign. The sign has a red border, a white background, and a black U-turn arrow with a diagonal slash through it. Dimensions are given: the diameter is 60.00, the red border is 10.00 thick, and the white background is 40.00 thick.

U-TURN



Galvanized Steel Pipe
Diameter 76mm, thickness 3mm






Note: Galvanized Steel Pipe Diameter 76mm, thickness 3mm and by same foundation as mentioned in speed limit sign pole should be used for all traffic sign

ISLAMIC EMIRATE OF
AFGHANISTAN

K

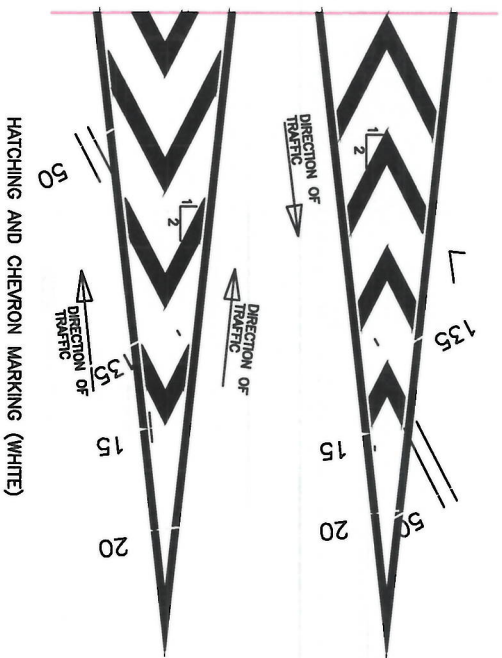
Drawing Title:

Drawn:	Nooryah Naseri	Signature:	
Assigned:	Nooryah Naseri	Signature:	
Checked:	Hasbiyah Shaltizi	Signature:	

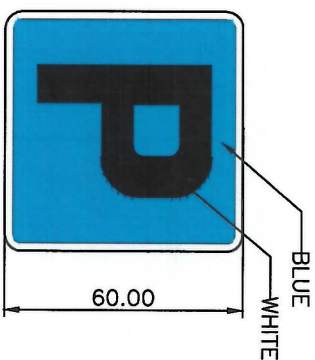
FINEL

HEET NO.

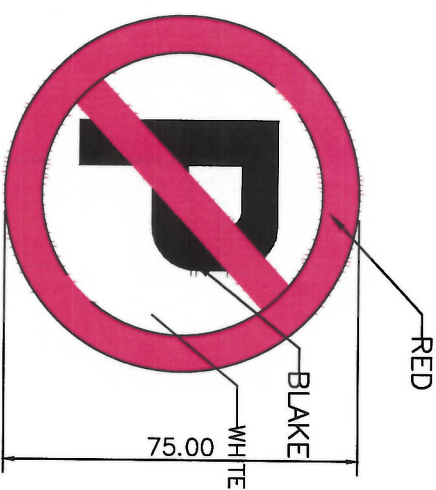
Revision
01



HATCHING AND CHEVRON MARKING (WHITE)



PARKING



NO PARKING



- LEGENDS
- CENTER LINE
 - RIGHT OF WAY
 - PROPOSED DITCH
 - EXISTING FENCE
 - EXISTING FEATURES
 - CULVERT
 - TREE
 - BENCH MARK

Date	Revision	Detail	Drawn	Checked	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

DESIGNED BY: KABUL MUNICIPALITY DESIGN TEAM

Project Name: Road Construction Project from Pole Sokhia Square to Pole Jamhuri Square

MARKING DETAIL

Drawn:	Noorjahan Naseri	Signature:
Designed:	Noorjahan Naseri	Signature:
Checked:	Hasbiullah Shalizi	Signature:

Date: 07/09/1444 Scale: 1:500

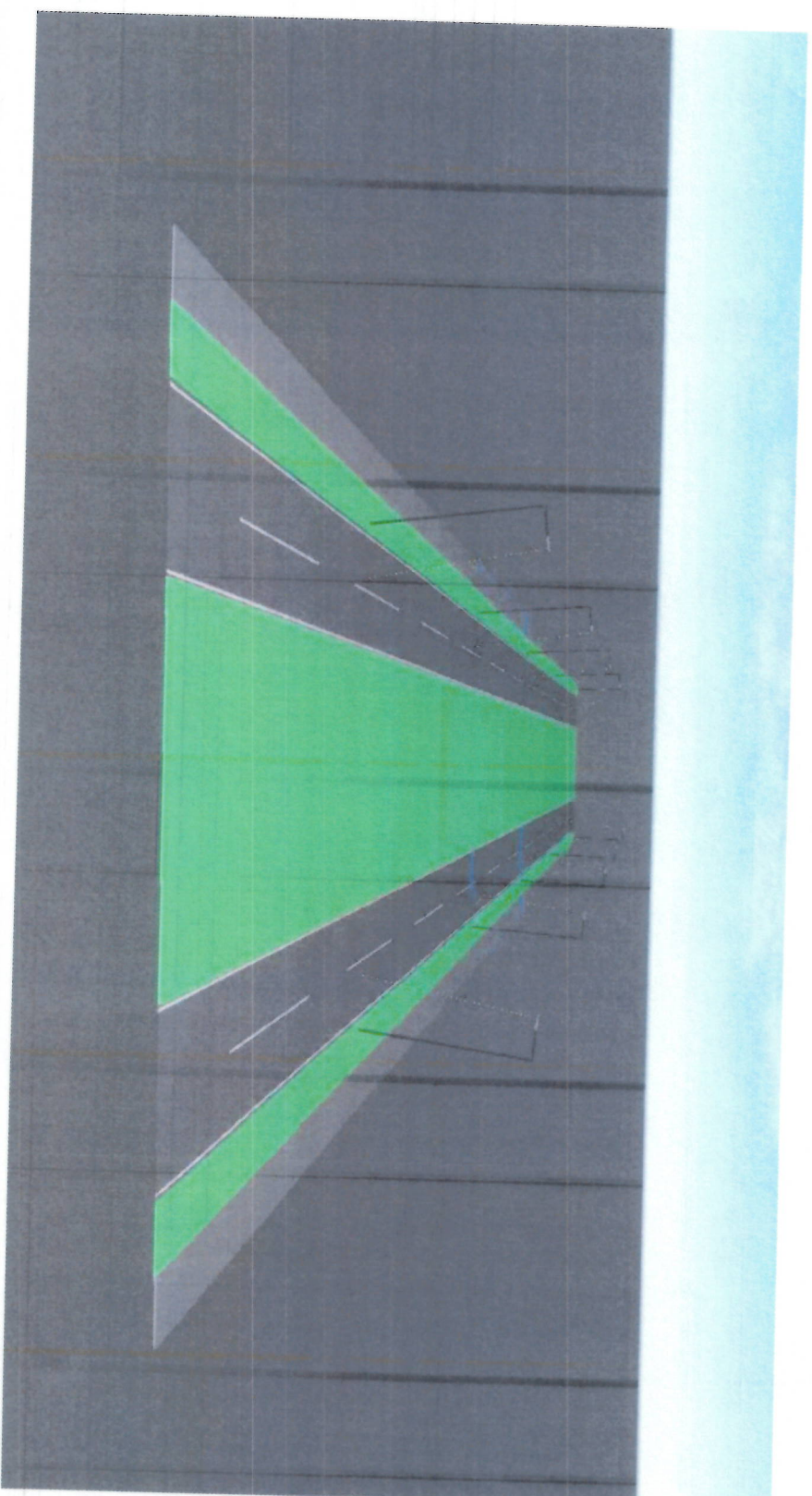
Status: FINAL DESIGN

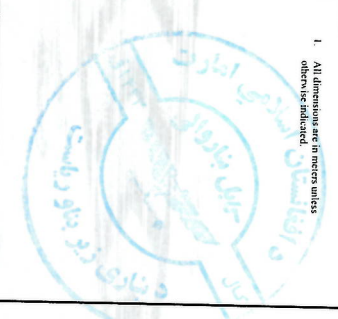
Project Code

SHEET NO.	Revision
DT(2)	01

Note: installation of traffic signals indicated in intersection (Islands) plan should be done by traffic directorate of Kabul Municipality

STREET LIGHTING





NOTE:

1. All dimensions are in meters unless otherwise indicated.

LEGENDS

- Lighting Symbol
- Dotted Line Marking
- Broken Line Marking
- Solid White Marking
- Through Movement Arrow
- Left Through Movement Arrow
- Left/Right Movement Arrow
- Sign Installation location

DATE	REVISION	DETAIL	DRAWN	CHECK	APPR

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:

KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Road Construction Project from Pole Sakhtia Square to Pole Jamhoroti Square

Drawing Title:
ROAD & ROUNDABOUT LIGHTING PLAN

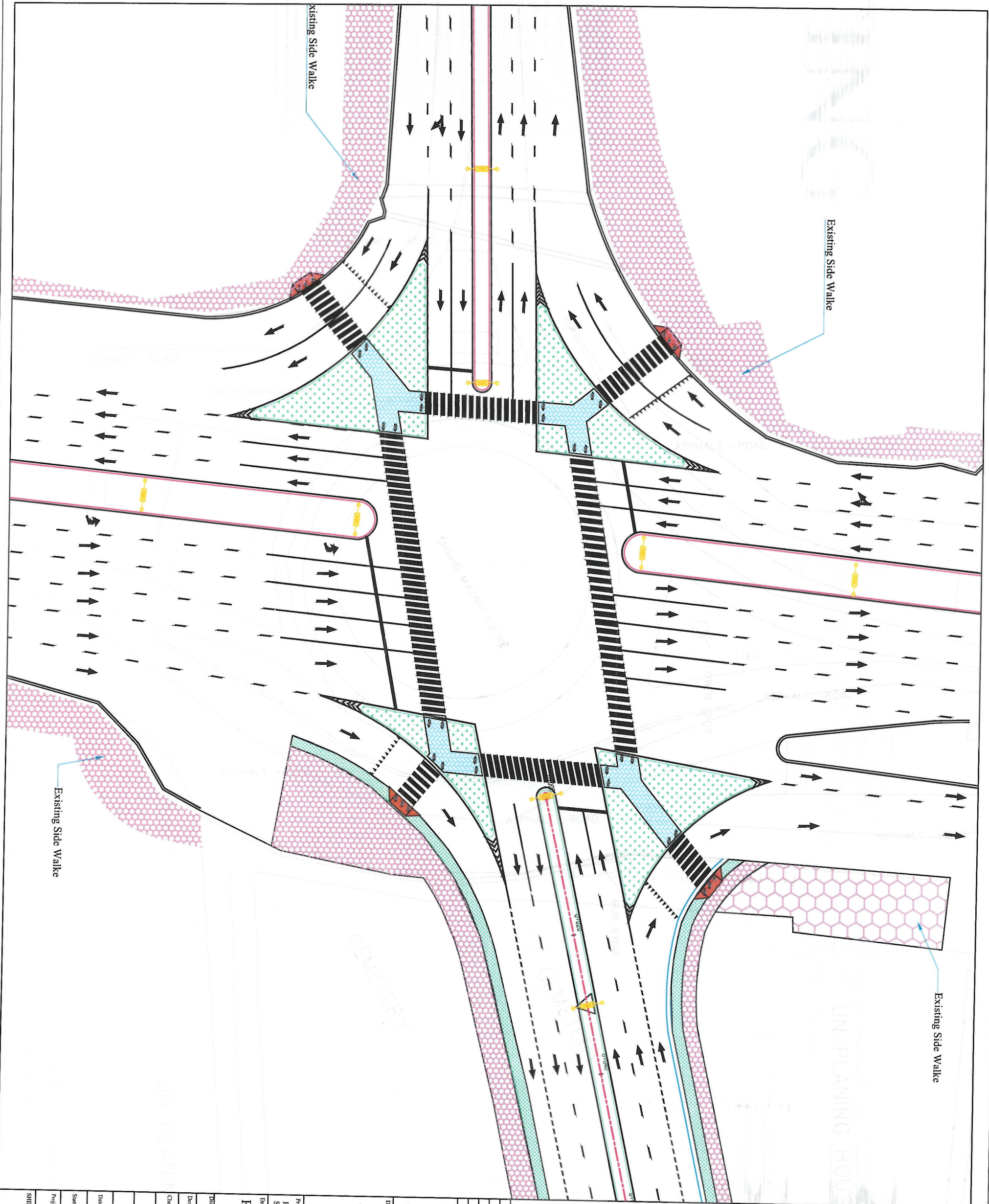
Drawn:	Signature:
Designed:	Signature:
Checked:	Signature:

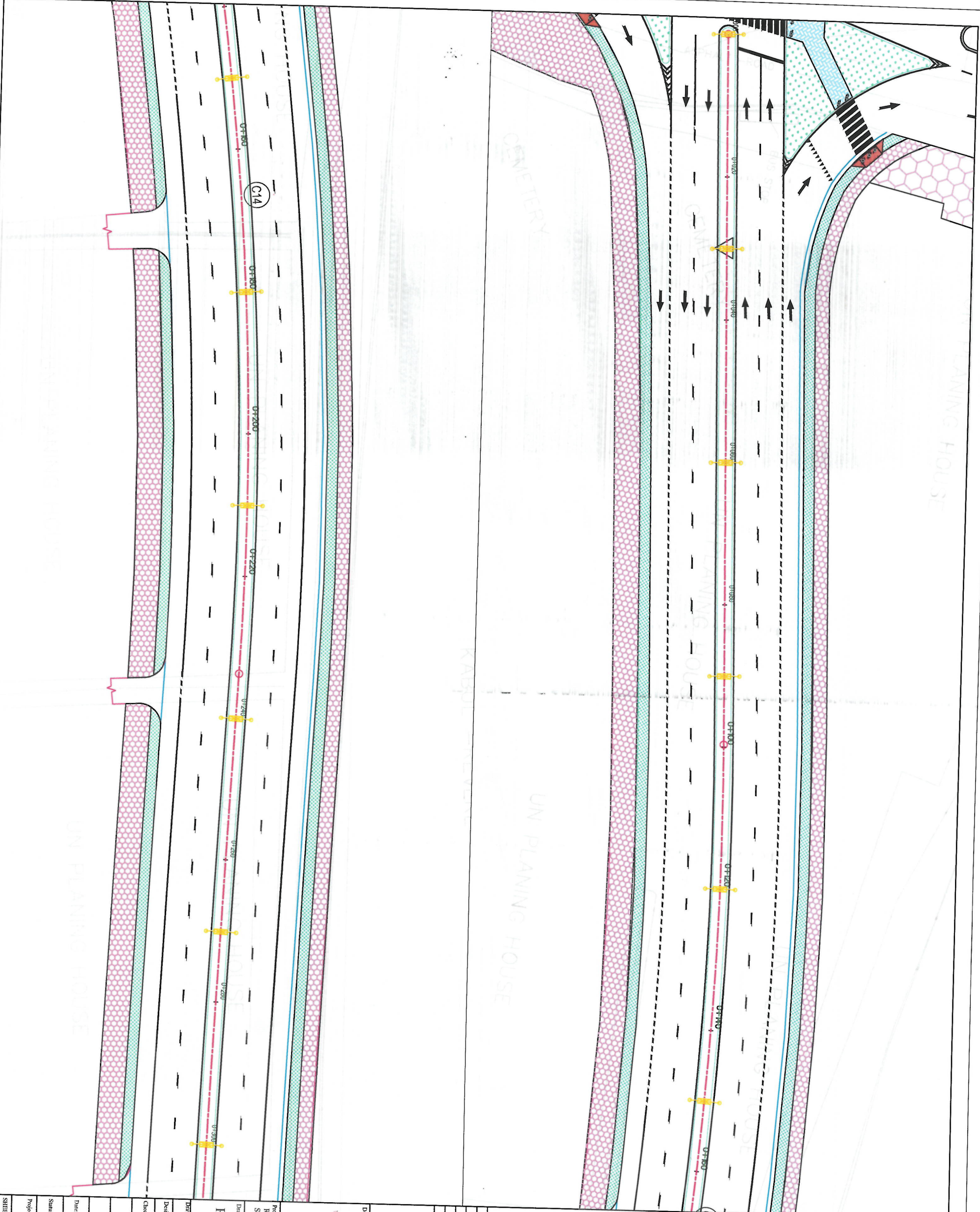
Date: 07/09/1444 Scale: 1:300

State: FINAL DESIGN

Project Code:

SHEET NO.	Revision
PR(1)	01





NOTE:

1. All dimensions are in meters unless otherwise indicated.



LEGENDS

- Lighting Symbol
- Dotted Line Marking
- Broken Line Marking
- Solid White Marking
- Through Movement Arrow
- Left Through Movement Arrow
- Left/Right Movement Arrow
- Sign installation location

Date	Revision	Drawn	Checked	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:

KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Road Construction Project from Pole Sakha Square to Pole Jamhuri Square

Drawing Title:

ROAD & ROUNDABOUT LIGHTING PLAN

Drawn: Noorjahan Naseri	Signature:
Designed: Hasbullah Shalizi	Signature:
Checked: Hasbullah Shalizi	Signature:

Date: 07/09/1444

Scale: 1:500

Status: FINAL DESIGN

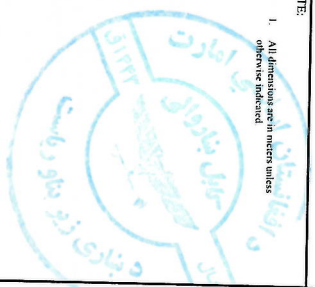
Project Code:

SHEET NO:

PP(2)

Revision

01



NOTE:

1. All dimensions are in meters unless otherwise indicated.

- LEGENDS**
- Lighting Symbol
 - Dotted Line Marking
 - Broken Line Marking
 - Solid White Marking
 - Through Movement Arrow
 - Left/Through Movement Arrow
 - Left/Right Movement Arrow
 - Sign installation location

Date	Revision	Drawn	Checked	Designed	Drawn

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:

KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Road Construction Project from Pole Sokhia Square to Pole Jamhuri Square

Drawing Title:

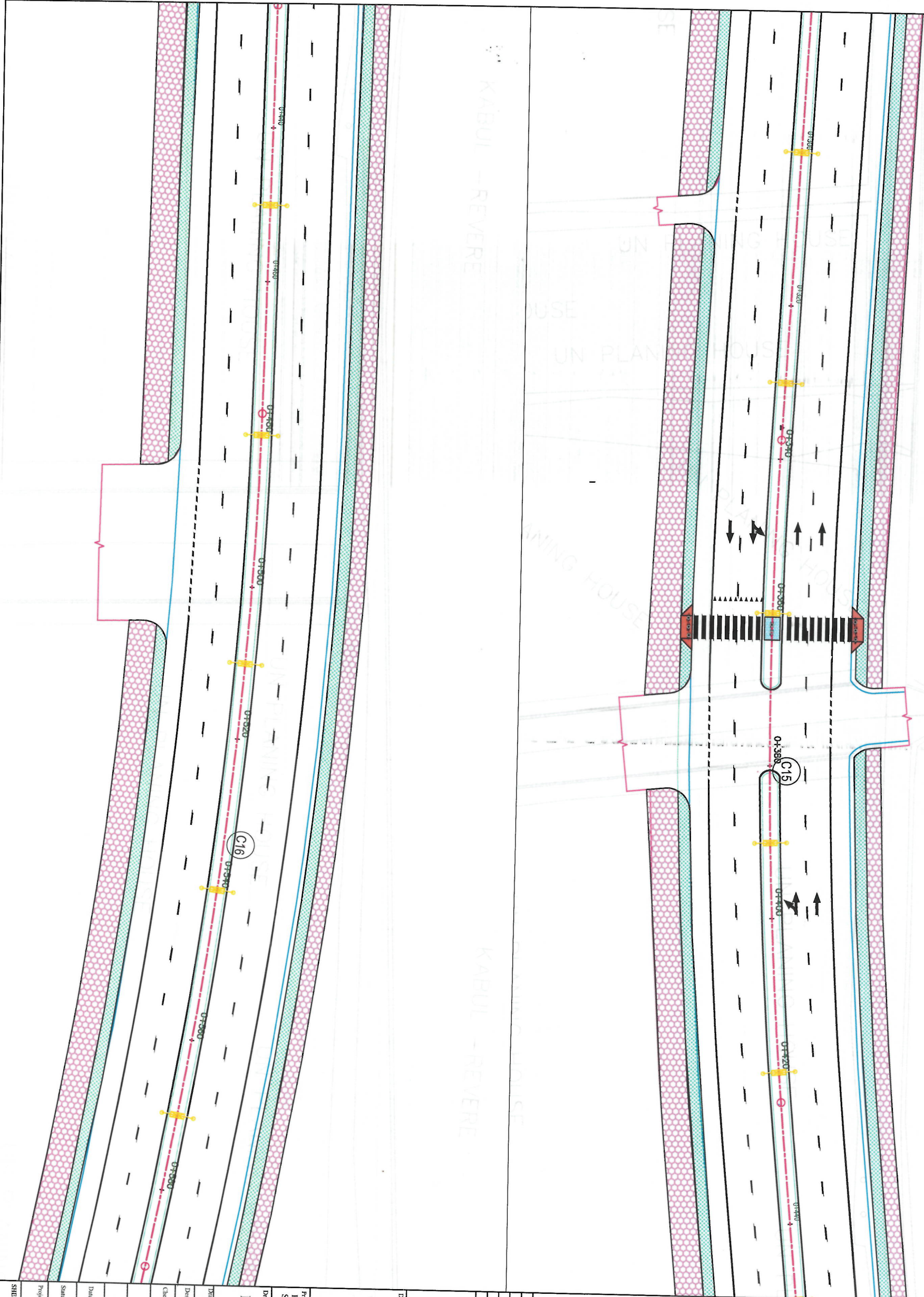
ROAD & ROUNDABOUT LIGHTING PLAN

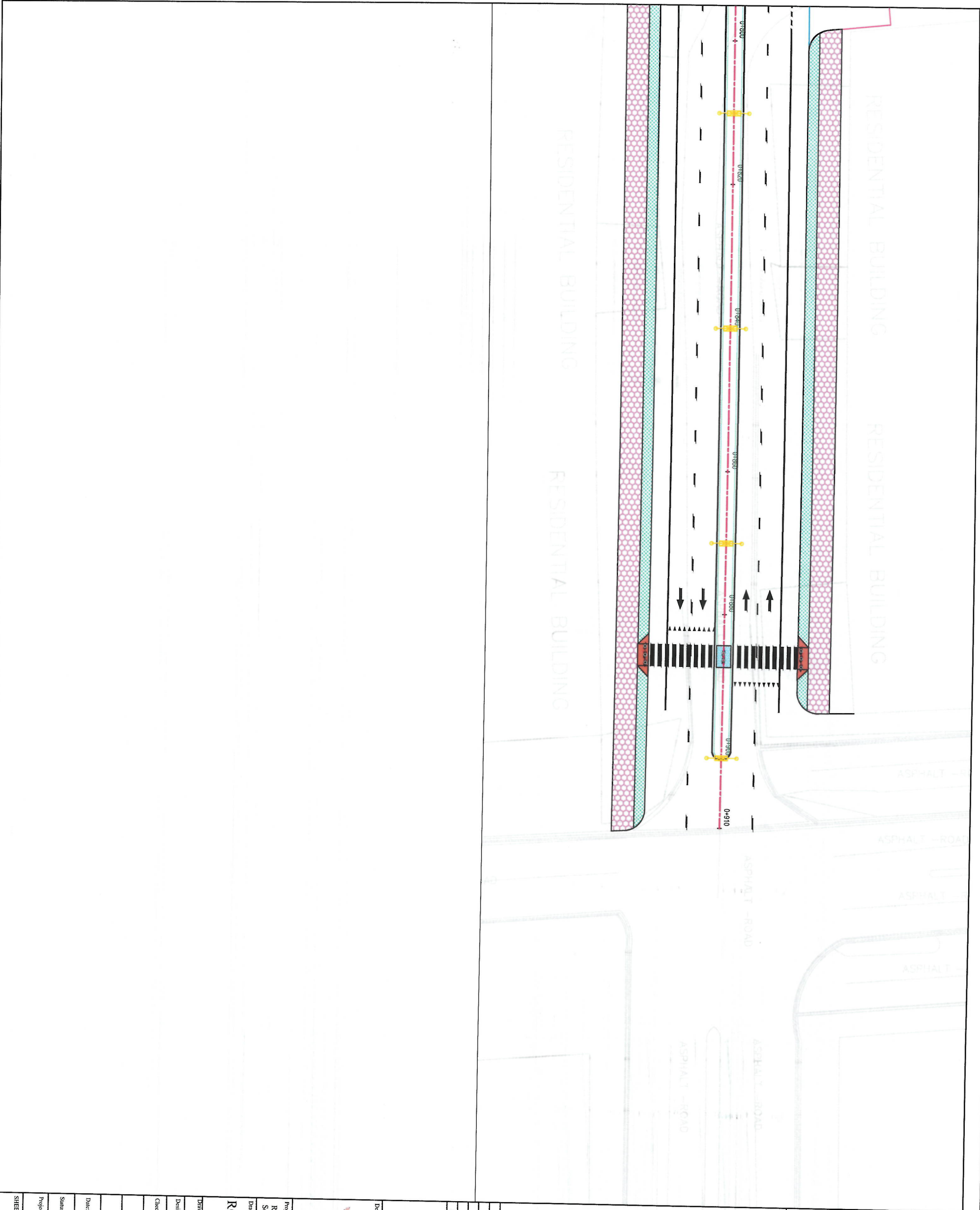
Drawn	Signature
Designed	Signature
Checked	Signature
Headline Specialist	Signature

Date: 07/09/1444 Scale: 1:500

Status: FINAL DESIGN
Project Code:

SHEET NO.	Revision
PP(3)	01





NOTE:

1. All dimensions are in meters unless otherwise specified.



LEGENDS

- Lighting Symbol
Dotted Line Marking
Broken Line Marking
Solid White Marking
Through Movement Arrow
Left/Through Movement Arrow
Left/Right Movement Arrow
Sign Installation location

Date	Revision Detail/Drawn	CHKD	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:

KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Road Construction Project from Pole Sokhta Square to Pole Jamhuri Square
Drawing Title:
ROAD & ROUNDABOUT LIGHTING PLAN

Drawn:	Signature:
Designed:	Signature:
Checked:	Signature:
Hashimullah Shahmoradian	Signature:

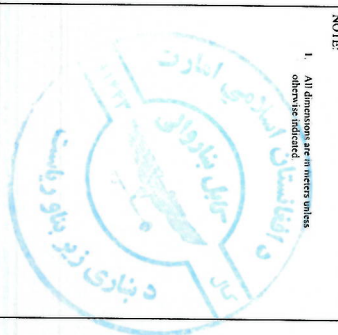
Date: 07/09/1444 Scale: 1:500

Status: FINAL DESIGN

Project Code:

SHEET NO. PP(5)

Revision 01



NOTE:
1. All dimensions are in meters unless otherwise indicated.

Date	Revision Details	Drawn	Chkd	Appr	

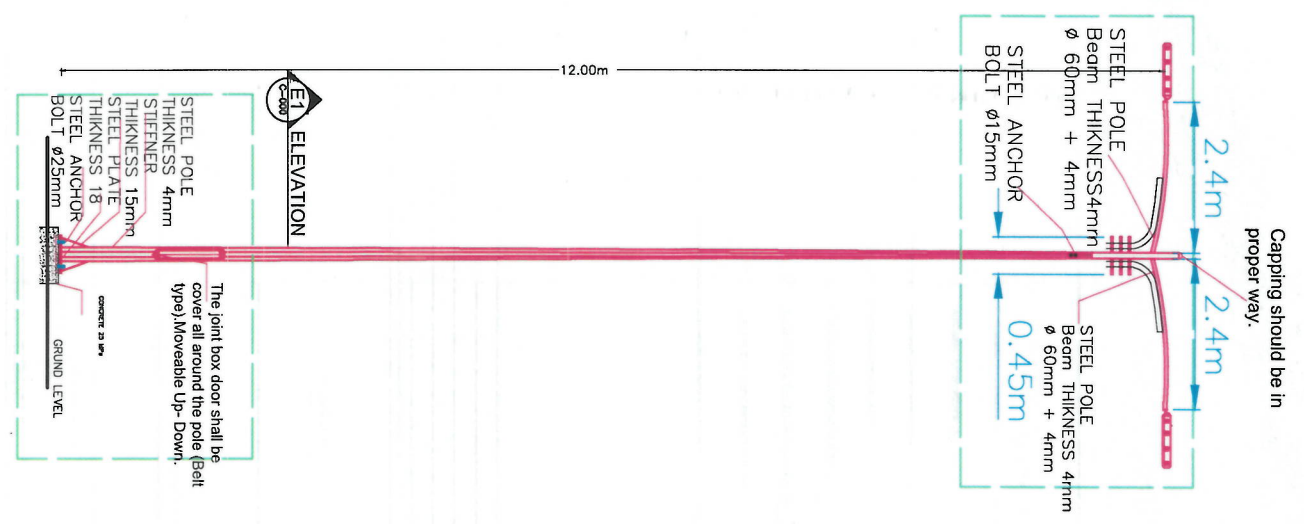
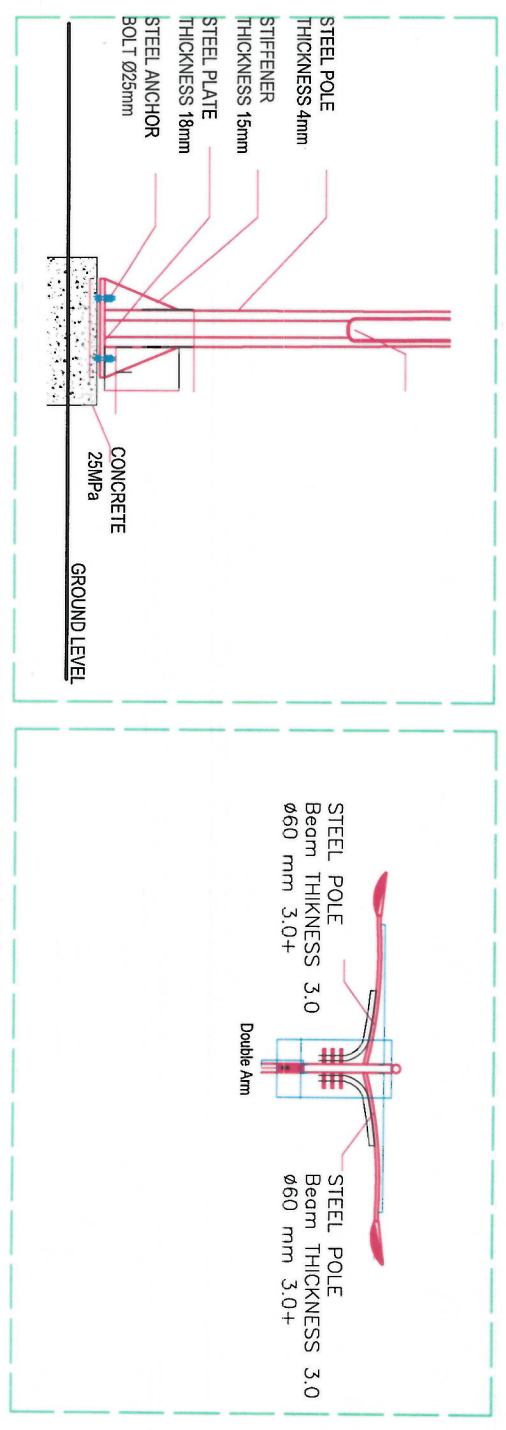
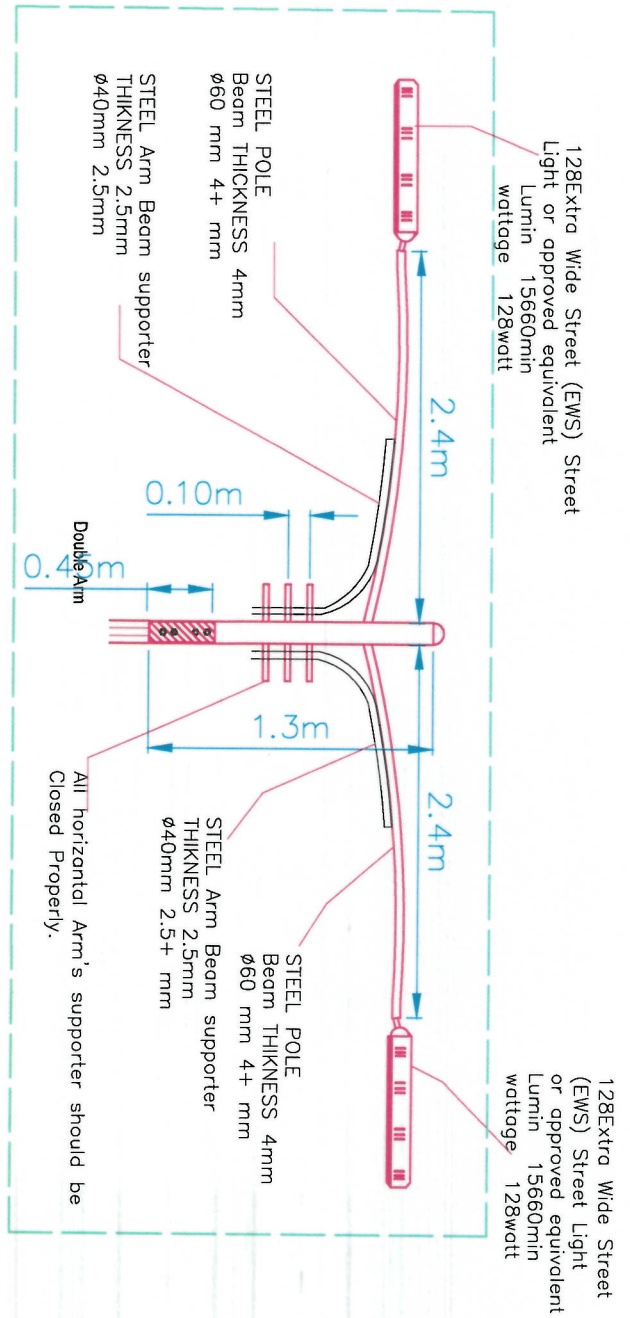
DESIGNED BY:
ISLAMIC EMIRATE OF AFGHANISTAN
KABUL MUNICIPALITY DESIGN TEAM

PROJECT NAME:
Road Construction Project from Pole Sokhia Square to Pole Jambori Square

Street Lighting Details

DRAWN:
DESIGNED:
CHECKED:
DATE: 07/09/1444

STATUS:	FINAL DESIGN
PROJECT CODE:	
SHEET NO.	SLD-01
PAGE NO.	01

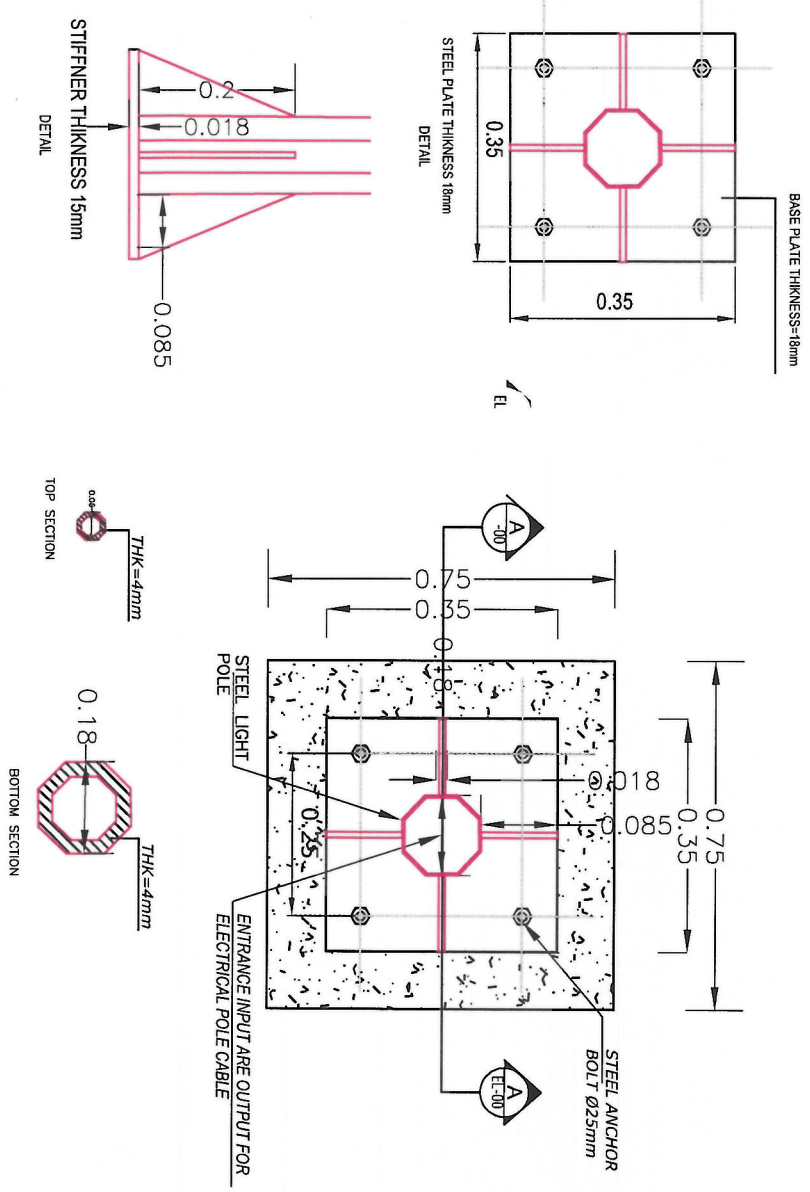
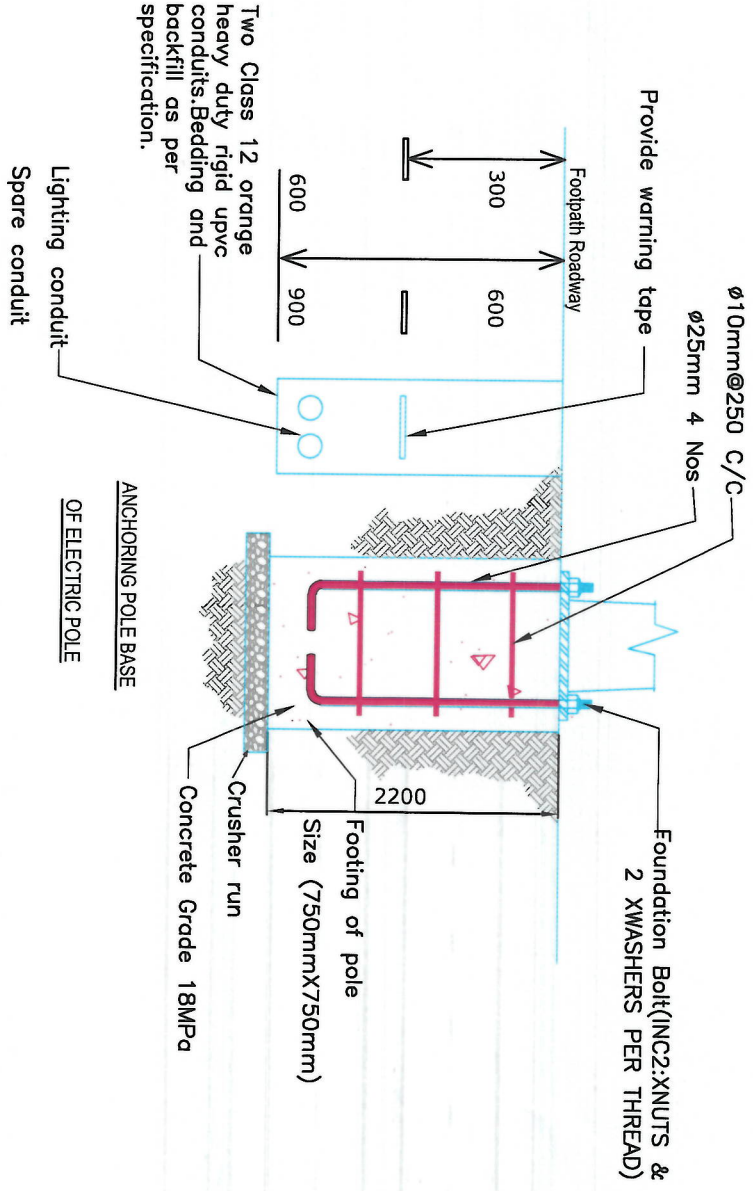


STREET LIGHT SPACING TABLE		
Center median	30m	Center



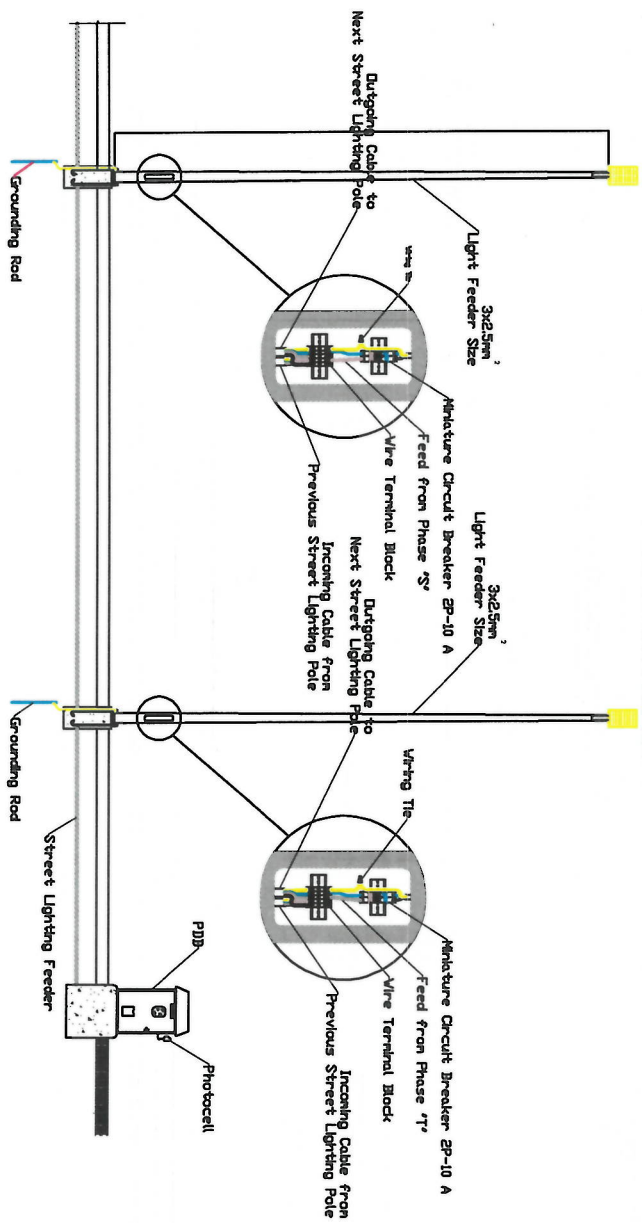
NOTE

1. All dimensions are in metric unless otherwise indicated.



Hot Dip Galvanized steel street light pole type below.
Taper Conical, Octagonal, Polygon Section, Pole Details

Light Pole Location	Pole Length	Base Plate Size	Base Plate Thickness	Top Diameter	Bottom Diameter	Sheet Thickness of pole	Foundation Depth
	mm	mm	mm	mm	mm	mm	mm
Median Center	10000	350	18	60	180	4	2200



Street Light Poles Wiring System (Elevation)

نوت : قابل ذکر است که منبع وصل برق در جریان تطبیق پروژه توسط مشاور درج شده در
مطابق با رپست برق کلید از نزدیک ترین و مناسب ترین منبع ممکن مشخص خواهد گردید

Project Name: Road Construction Project from Pole Sokhta Square to Pole Jamhuri Square	
Drawing Title: Street Lighting Details	
Drawn: Moayyad Naseri	Signature:
Designed: Moayyad Naseri	Signature:
Checked: Hafizullah Shahidi	Signature:
Date: 07/09/1444	
Sheet No: SLD-02	Page No: 02

Road Alignment Report

Station	Northing	Easting
0+000.00	3,818,155.6225m	510,721.4690m
0+020.00	3,818,159.8464m	510,741.0179m
0+040.00	3,818,164.0703m	510,760.5668m
0+060.00	3,818,168.2943m	510,780.1156m
0+080.00	3,818,172.5182m	510,799.6645m
0+100.00	3,818,176.7420m	510,819.2134m
0+120.00	3,818,180.5608m	510,838.8441m
0+140.00	3,818,183.5917m	510,858.6117m
0+160.00	3,818,185.8299m	510,878.4848m
0+180.00	3,818,187.2717m	510,898.4314m
0+200.00	3,818,187.9150m	510,918.4197m
0+220.00	3,818,187.7585m	510,938.4178m
0+240.00	3,818,186.8424m	510,958.3959m
0+260.00	3,818,185.7390m	510,978.3655m
0+280.00	3,818,184.6356m	510,998.3350m
0+300.00	3,818,183.5322m	511,018.3046m
0+320.00	3,818,182.4288m	511,038.2741m
0+340.00	3,818,181.3307m	511,058.2439m
0+360.00	3,818,180.6444m	511,078.2312m
0+380.00	3,818,180.6245m	511,098.2303m
0+400.00	3,818,181.2712m	511,118.2189m
0+420.00	3,818,182.5837m	511,138.1749m

0+440.00	3,818,184.3479m	511,158.0969m
0+460.00	3,818,186.1254m	511,178.0177m
0+480.00	3,818,187.8965m	511,197.9391m
0+500.00	3,818,189.2498m	511,217.8924m
0+520.00	3,818,189.9373m	511,237.8796m
0+540.00	3,818,189.9584m	511,257.8787m
0+560.00	3,818,189.3129m	511,277.8673m
0+580.00	3,818,188.0016m	511,297.8234m
0+600.00	3,818,186.1053m	511,317.7330m
0+620.00	3,818,184.1223m	511,337.6344m
0+640.00	3,818,182.1889m	511,357.5406m
0+660.00	3,818,180.7282m	511,377.4865m
0+680.00	3,818,179.8379m	511,397.4660m
0+700.00	3,818,179.5188m	511,417.4628m
0+720.00	3,818,179.5989m	511,437.4626m
0+740.00	3,818,179.6932m	511,457.4624m
0+760.00	3,818,179.7876m	511,477.4622m
0+780.00	3,818,179.8819m	511,497.4619m
0+800.00	3,818,179.9763m	511,517.4617m
0+820.00	3,818,180.0706m	511,537.4615m
0+840.00	3,818,180.1650m	511,557.4613m
0+860.00	3,818,180.2593m	511,577.4610m
0+880.00	3,818,180.3537m	511,597.4608m
0+900.00	3,818,180.4481m	511,617.4606m
0+909.88	3,818,180.4947m	511,627.3381m

SQ Alignment -1

Station	Northing	Easting
0+000.00	3,818,119.0911m	510,690.6396m
0+020.00	3,818,139.0911m	510,690.6458m
0+040.00	3,818,159.0911m	510,690.6520m
0+047.29	3,818,166.3811m	510,690.6543m

SQ Alignment -2

Station	Northing	Easting
0+000.00	3,818,143.0787m	510,665.9607m
0+020.00	3,818,143.0959m	510,685.9607m
0+040.00	3,818,143.1131m	510,705.9607m
0+048.13	3,818,143.1201m	510,714.0874m

Banch mark List

Number	Northing (m)	Easting (m)	Elevation (m)	Description
1	3818141.636	510682.971	1792.99	BM7
2	3818123.731	510680.006	1792.04	BM-1A
3	3818212.957	510714.381	1790.901	BM-3A
4	3818220.49	510728.275	1790.516	BM-4A
6	3818209.227	510701.801	1791.022	BM3
7	3818188.644	511088.975	1786.824	BM-7A
8	3818223.46	511389.334	1785.061	BM-8A
10	3818189.502	511466.173	1785.035	BM-10A
7497	3818198.137	511094.945	1786.651	BM-6A
7498	3818238.721	511393.202	1785.245	BM-9A
7499	3818174.611	511628.539	1784.893	BM-11A
7501	3818180.8	511654.503	1785.199	BM-13A
7502	3818209.733	511632.991	1785.287	BM-14A
7817	3818209.23	510701.8	1791.02	BM3
7818	3818212.96	510714.38	1790.9	BM3-A

NOTE:

1. All dimensions are in meters unless otherwise indicated.



- LEGENDS
- CENTER-LINE
 - RIGHT OF WAY
 - PROPOSED DITCH
 - EXISTING FENCE
 - EXISTING FEATURES
 - CUT VERT
 - TRHE
 - BENCH MARK
 - ELECTRIC POLE
 - ELECTRIC BOX
 - STEEL ELECTRIC POLE

Date	Revision	Drawn	Checked	Appr	

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:

KABUL MUNICIPALITY DESIGN TEAM

Project Name: Road Construction Project from Pole Sokhia Square to Pole Jamhorit Square

Drawing Title:

Road & Roundabout Alignment report

Drawn:	Signature:
Designed:	Signature:
Checked:	Signature:

Date: 07/09/1444 Scale: 1:500

Status: FINAL DESIGN

Project Code:

SHEET NO. PP (1)	Revision 01
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