



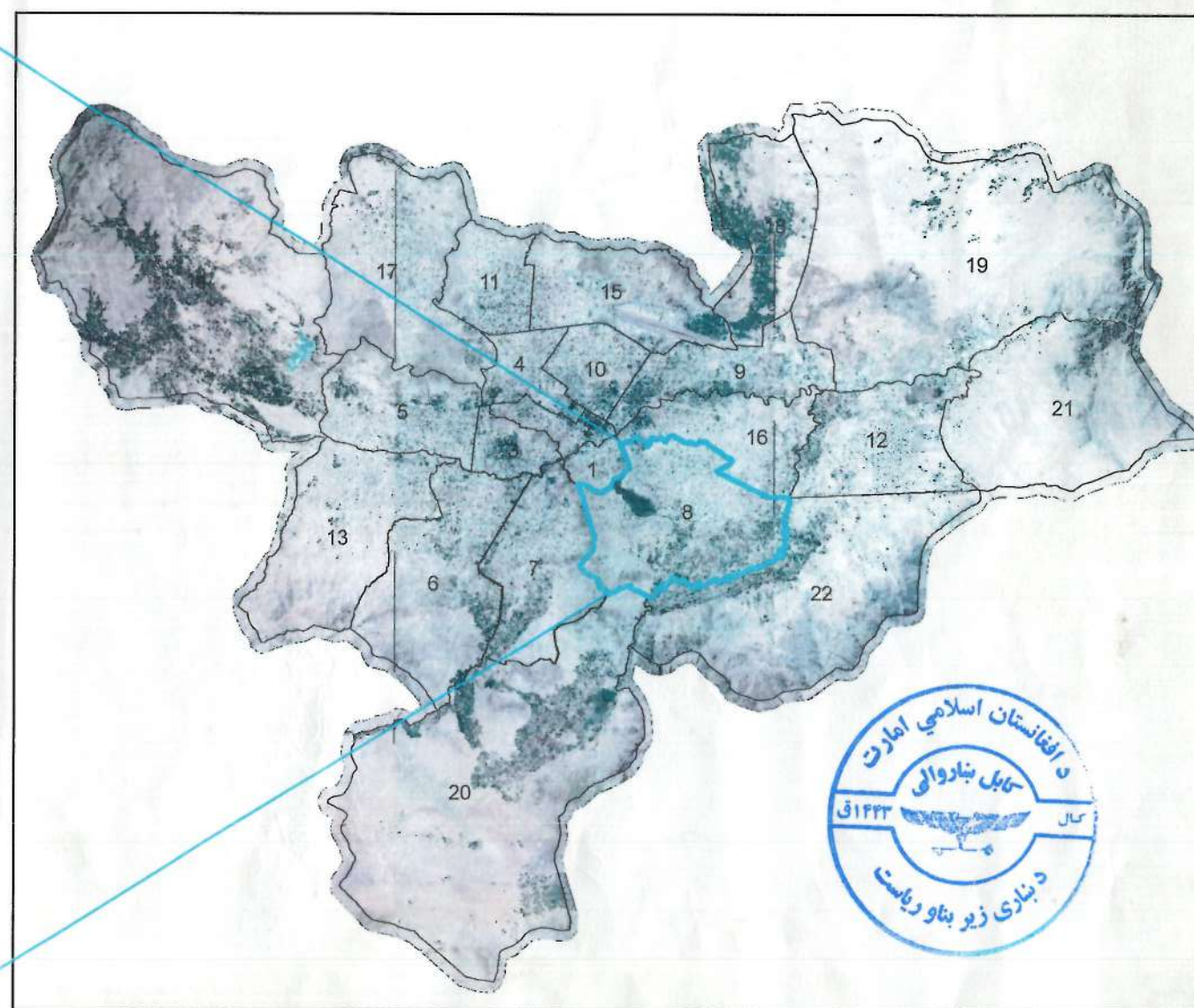
ISLAMIC EMIRATE OF AFGHANISTAN
KABUL MUNICIPALITY
CONSTRUCTION DEPUTY
URBAN INFRASTRUCTURE DIRECTORATE
DESIGN DEPARTMENT



امور ساختمان سرک از پل بگرامی الی منطقه نرسیده به بینی حصار

Construction of road from Bagrami bridge to near of the Bene Hesar

Location: 8th District



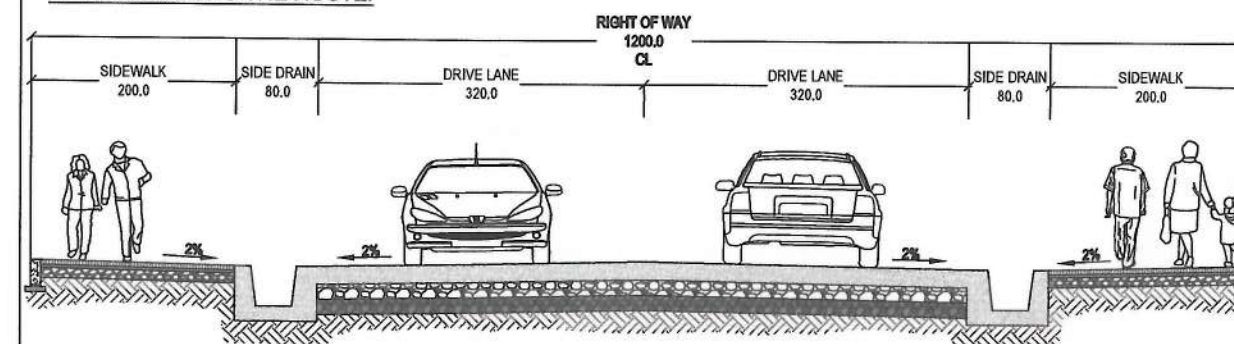
DESIGN LAYOUT



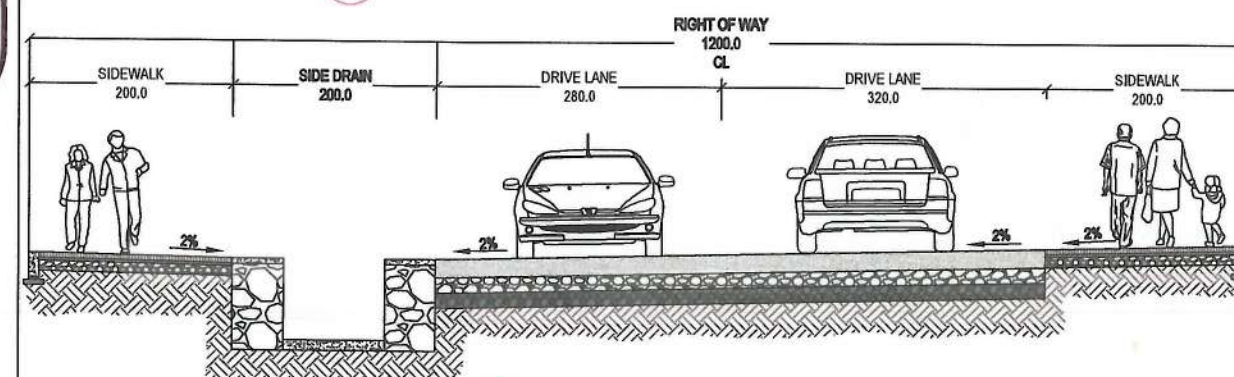
End
Station: 7+500
Easting: 525429.2522m
Northing: 3817110.8443m

Start
Station: 0+000
Easting: 521002.9507m
Northing: 3815256.9252m

PROPOSED TYPICAL CROSS SECTIONS ALONG THE ROUTE.



01 ROADWAY TYPICAL CROSS SECTION FROM STATION 0+000 TO 2+411 & 2+533 TO 7+500



02 ROADWAY TYPICAL CROSS SECTION FROM STATION 2+411 TO 2+533

امور ساختمان سرک از پل بگرامی الی منطقه نرسیده به بینی حصار

سروی کننده ها:	امضا:	نوت:
بررسی کننده سروی:	امضا:	اسناد تخنیکي این پروژه بعد از امضا سروی کننده ها، ترسیم کننده ها، دیزاین کننده ها، بررسی کننده ها، تایید کننده و منظوری مقام محترم شاروالی کابل درین صفحه و همچنین امضا سروی کننده ها، ترسیم کننده، دیزاین کننده، بررسی کننده و مهر این ریاست در صفحات بعدی این پروژه قابل طی مراحل بعدی بوده و تطبیق میگردد.
ترسیم کننده ها:	امضا:	اسناد تخنیکي هنا به اساس هدایت مقام شاروالی کابل که ذریعہ نامہ نمبر (1246/570) مورخ 1445/3/23 آمریت پلان و پروژه سازی ریاست محترم پلان، پالیسی، نظارت و ارزیابی به این ریاست مواصلت یافته بود و با در نظر داشت پلان مسیر سرک که توسط آمریت پلانگذاری و دینای سروی ساحه که توسط آمریت سروی در اختیار آمریت دیزاین قرار داده شد تهیه گردیده است.
دیزاین کننده ها:	امضا:	منظوری مقام محترم شاروالی کابل درین صفحه بیان کننده منظوری تمام صفحات بعدی این بسته اسناد تخنیکي می باشد.
بررسی کننده دیزاین:	امضا:	توضیحات:
حسیب الله شالیزی	امضا:	قرار مشاهده سروی توپوگرافی و اصل ساحه بعضی پایه های برق، تاسیسات و شبکات کاربری شهری در مسیر پروژه متذکره قرار دارد، در حصه موقعیت دهی آن طبق قانون، مقررات و تفاهمنامه های منعقدہ بین ادارات زیربط اجراءات صورت خواهد گرفت.
آمر دیزاین	امضا:	مشخصات، نوعیت و فاصله بین درختان و سایر نباتات در هماهنگی با ریاست محترم سرسبزی و حفظ ساحات سبز تعین و در ساحه تطبیق می گردد.



تصویر شده
مقام محترم
شاروالی کابل


تایید کننده:
انجنیر فائق احمد تسلی
رئیس زیربنای شهری

Location: 08th District
Right of Way: 12M
Length: 7.5KM
Pavement Type: Rigid Pavement
Cross Section Elements: Rigid Pavement, Side Drains, and Sidewalks.

تصویر شده ۱۳۰۰۵ متر مربع ۱۴۴۰/۸/۲۰ قید امضا مقام محترم شاروالی کابل


INDEX PAGE							
NO	DRAWING NAME	SHEET	PAGE NO	NO	DRAWING NAME	SHEET	PAGE NO
1	Cover	CR	01 OF 115	59	Cross Sections	CS-05 OF 24	59 OF 115
2	Sign sheet	SS	02 OF 115	60	Cross Sections	CS-06 OF 24	60 OF 115
3	Index Page	IP-01 OF 01	03 OF 115	61	Cross Sections	CS-07 OF 24	61 OF 115
4	Topographic Survey	TS- 01 OF 23	04 OF 115	62	Cross Sections	CS-08 OF 24	62 OF 115
5	Topographic Survey	TS- 02 OF 23	05 OF 115	63	Cross Sections	CS-09 OF 24	63 OF 115
6	Topographic Survey	TS- 03 OF 23	06 OF 115	64	Cross Sections	CS-10 OF 24	64 OF 115
7	Topographic Survey	TS- 04 OF 23	07 OF 115	65	Cross Sections	CS-11 OF 24	65 OF 115
8	Topographic Survey	TS- 05 OF 23	08 OF 115	66	Cross Sections	CS-12 OF 24	66 OF 115
9	Topographic Survey	TS- 06 OF 23	09 OF 115	67	Cross Sections	CS-13 OF 24	67 OF 115
10	Topographic Survey	TS- 07 OF 23	10 OF 115	68	Cross Sections	CS-14 OF 24	68 OF 115
11	Topographic Survey	TS- 08 OF 23	11 OF 115	69	Cross Sections	CS-15 OF 24	69 OF 115
12	Topographic Survey	TS- 09 OF 23	12 OF 115	70	Cross Sections	CS-16 OF 24	70 OF 115
13	Topographic Survey	TS- 10 OF 23	13 OF 115	71	Cross Sections	CS-17 OF 24	71 OF 115
14	Topographic Survey	TS- 11 OF 23	14 OF 115	72	Cross Sections	CS-18 OF 24	72 OF 115
15	Topographic Survey	TS- 12 OF 23	15 OF 115	73	Cross Sections	CS-19 OF 24	73 OF 115
16	Topographic Survey	TS- 13 OF 23	16 OF 115	74	Cross Sections	CS-20 OF 24	74 OF 115
17	Topographic Survey	TS- 14 OF 23	17 OF 115	75	Cross Sections	CS-21 OF 24	75 OF 115
18	Topographic Survey	TS- 15 OF 23	18 OF 115	76	Cross Sections	CS-22 OF 24	76 OF 115
19	Topographic Survey	TS- 16 OF 23	19 OF 115	77	Cross Sections	CS-23 OF 24	77 OF 115
20	Topographic Survey	TS- 17 OF 23	20 OF 115	78	Cross Sections	CS-24 OF 24	78 OF 115
21	Topographic Survey	TS- 18 OF 23	21 OF 115	79	Drainage Section		
22	Topographic Survey	TS- 19 OF 23	22 OF 115	80	Drainage Typical Cross Section	DTCS-01 OF 02	79 OF 115
23	Topographic Survey	TS- 20 OF 23	23 OF 115	81	Drainage Typical Cross Section	DTCS-02 OF 02	80 OF 115
24	Topographic Survey	TS- 21 OF 23	24 OF 115	82	Structure List (Proposed Culvert)	SL-01 OF 01	81 OF 115
25	Topographic Survey	TS- 22 OF 23	25 OF 115	83	Culverts	CUL- 01 OF 06	82 OF 115
26	Topographic Survey	TS- 23 OF 23	26 OF 115	84	Culverts	CUL- 02 OF 06	83 OF 115
27	Typical Cross Section	TCS-01 OF 01	27 OF 115	85	Culverts	CUL- 03 OF 06	84 OF 115
28	Joints Detail	JD-01 OF 02	28 OF 115	86	Culverts	CUL- 04 OF 06	85 OF 115
29	Joints Detail	JD-02 OF 02	29 OF 115	87	Culverts	CUL- 05 OF 06	86 OF 115
30	Plan & Profile	P&P-01 OF 25	30 OF 115	88	Culverts	CUL- 06 OF 06	87 OF 115
31	Plan & Profile	P&P-02 OF 25	31 OF 115	89	Drainage Plan & Profile	DP&P- 01 OF 25	88 OF 115
32	Plan & Profile	P&P-03 OF 25	32 OF 115	90	Drainage Plan & Profile	DP&P- 02 OF 25	89 OF 115
33	Plan & Profile	P&P-04 OF 25	33 OF 115	91	Drainage Plan & Profile	DP&P- 03 OF 25	90 OF 115
34	Plan & Profile	P&P-05 OF 25	34 OF 115	92	Drainage Plan & Profile	DP&P- 04 OF 25	91 OF 115
35	Plan & Profile	P&P-06 OF 25	35 OF 115	93	Drainage Plan & Profile	DP&P- 05 OF 25	92 OF 115
36	Plan & Profile	P&P-07 OF 25	36 OF 115	94	Drainage Plan & Profile	DP&P- 06 OF 25	93 OF 115
37	Plan & Profile	P&P-08 OF 25	37 OF 115	95	Drainage Plan & Profile	DP&P- 07 OF 25	94 OF 115
38	Plan & Profile	P&P-09 OF 25	38 OF 115	96	Drainage Plan & Profile	DP&P- 08 OF 25	95 OF 115
39	Plan & Profile	P&P-10 OF 25	39 OF 115	97	Drainage Plan & Profile	DP&P- 09 OF 25	96 OF 115
40	Plan & Profile	P&P-11 OF 25	40 OF 115	98	Drainage Plan & Profile	DP&P- 10 OF 25	97 OF 115
41	Plan & Profile	P&P-12 OF 25	41 OF 115	99	Drainage Plan & Profile	DP&P- 11 OF 25	98 OF 115
42	Plan & Profile	P&P-13 OF 25	42 OF 115	100	Drainage Plan & Profile	DP&P- 12 OF 25	99 OF 115
43	Plan & Profile	P&P-14 OF 25	43 OF 115	101	Drainage Plan & Profile	DP&P- 13 OF 25	100 OF 115
44	Plan & Profile	P&P-15 OF 25	44 OF 115	102	Drainage Plan & Profile	DP&P- 14 OF 25	101 OF 115
45	Plan & Profile	P&P-16 OF 25	45 OF 115	103	Drainage Plan & Profile	DP&P- 15 OF 25	102 OF 115
46	Plan & Profile	P&P-17 OF 25	46 OF 115	104	Drainage Plan & Profile	DP&P- 16 OF 25	103 OF 115
47	Plan & Profile	P&P-18 OF 25	47 OF 115	105	Drainage Plan & Profile	DP&P- 17 OF 25	104 OF 115
48	Plan & Profile	P&P-19 OF 25	48 OF 115	106	Drainage Plan & Profile	DP&P- 18 OF 25	105 OF 115
49	Plan & Profile	P&P-20 OF 25	49 OF 115	107	Drainage Plan & Profile	DP&P- 19 OF 25	106 OF 115
50	Plan & Profile	P&P-21 OF 25	50 OF 115	108	Drainage Plan & Profile	DP&P- 20 OF 25	107 OF 115
51	Plan & Profile	P&P-22 OF 25	51 OF 115	109	Drainage Plan & Profile	DP&P- 21 OF 25	108 OF 115
52	Plan & Profile	P&P-23 OF 25	52 OF 115	110	Drainage Plan & Profile	DP&P- 22 OF 25	109 OF 115
53	Plan & Profile	P&P-24 OF 25	53 OF 115	111	Drainage Plan & Profile	DP&P- 23 OF 25	110 OF 115
54	Plan & Profile	P&P-25 OF 25	54 OF 115	112	Drainage Plan & Profile	DP&P- 24 OF 25	111 OF 115
55	Cross Sections	CS-01 OF 24	55 OF 115	113	Drainage Plan & Profile	DP&P- 25 OF 25	112 OF 115
56	Cross Sections	CS-02 OF 24	56 OF 115	114	Bench Marks & Stakeout Report	BM&SR 01 OF 03	113 OF 115
57	Cross Sections	CS-03 OF 24	57 OF 115	115	Bench Marks & Stakeout Report	BM&SR 02 OF 03	114 OF 115
58	Cross Sections	CS-04 OF 24	58 OF 115	116	Bench Marks & Stakeout Report	BM&SR 03 OF 03	115 OF 115

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



Date	Revision Details	Drawn	Chkd.	Appr.

ISLAMIC EMIRATE OF AFGHANISTAN

Designed by:

KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
INDEX PAGE

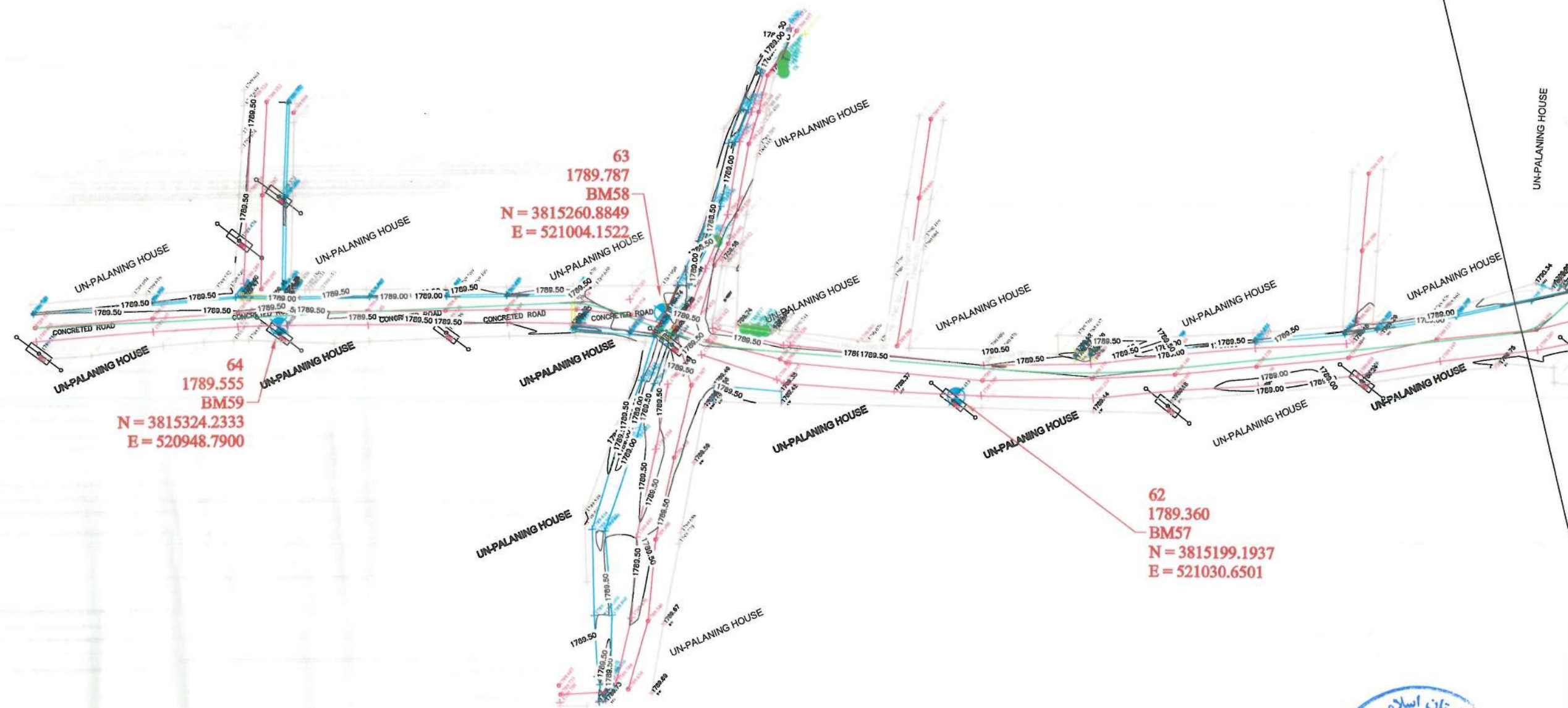
Drawn: Matiullah Hussainzai	Signature:
Designed: Matiullah Hussainzai	Signature:
Checked: Hasibullah Shalizi	Signature:

Date: 11/08/1445 Scale:

Status: **FINAL DESIGN**

Project Code:

SHEET	PAGE NO	REVISION
IP-01 OF 01	03 OF 115	01



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

No.	CODE	DETAIL	FIGURE
1	DL	Building	
2	RE	Road Edge	
3	BW	Boundary Wall	
4	MSQ	Mosque	
5	TD	Top Drainage	
6	BD	Bottom Drainage	
7	CL	Center Line	
8	CLC	Concrete Street Center Line	
9	F	Fence	
10	CU	Culvert	
11	TCN	Top Canal	
12	BCN	Bottom Canal	
13	MN	Water Manhole	
14	STA	Stair	
15	ELINE	Electric Pole Line	
16	BTRE	Bottom Terrace	
17	CN	Container	
18	RP	Road Pot	
19	MD	Median	
20	BAK	Bakery	
21	SH	Shop	
22	BR	Bridge	
23	TW	T-Wall	
24	TP	Topographical Point	
25	HP	Hand Pump	
26	LEP	Light Electric Pole	
27	SM	Septic Manhole	
28	TM	Telephone Wire Manhole	
29	EB	Electric Box	
30	DOOR	Door	
31	SEP	Steel Electric Pole	
32	CEP	Ceramic Electric Pole	
33	WM	Water Manhole	
34	STN	Station	
35	BM	Benchmark	
36	TR	Tree	
37	BLK	Break Line	
38	WPL	WATER PIPE LINE	

DATE	REVISION	DETAILS	DRAWN
------	----------	---------	-------

ISLAMIC EMIRATE OF
AFGHANISTAN

SURVEYED BY: KABUL MUNICIPALITY
SURVEY TEAM

PROJECT NAME:
مسئله توپوگرافی منسوب شروع از پل
بگرامی الی منطقه نارسیده به پل
قریبه گلپنه

DRAWING TITLE:
مسئله توپوگرافی منسوب شروع از پل
بگرامی الی منطقه نارسیده به پل
قریبه گلپنه

BESMILLAH
MUSTAFA:
ABDULLAH
AKRAMUDDIEN
NAMATULLAH
HASEBULLAH
AHMAD JAMSHID
ABDUL AHMAD
NOORAHMAN
FARHAD
HEAD OF SURVEY:
SAYED ATIQ.

DATE: SCALE:

STATUS: SURVEY

PROJECT CODE:

SHEET	PAGE NO	REVISION
TS-01 OF 23	04 OF 115	01





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

LEGEND			
No	CODE	DETAIL	FIGURE
1	BL	Building	
2	RE	Road Edge	
3	BW	Boundary Wall	
4	MSQ	Mosque	
5	TD	Top Drainage	
6	BD	Bottom Drainage	
7	CL	Center Line	
8	CLC	Concrete Street Center Line	
9	F	Fence	
10	CU	Culvert	
11	TCN	Top Canal	
12	BCN	Bottom Canal	
13	MN	Water Manhole	
14	STA	Star	
15	ELINE	Electric Pipe Line	
16	BT	Bottom Turnover	
17	CN	Canal	
18	RP	Road Pier	
19	MD	Median	
20	BAK	Bakery	
21	SH	Shop	
22	BR	Bridge	
23	TP	T - Wall	
24	TP	Topographical Point	
25	HP	Hand Pump	
26	LEP	Light Electric Pole	
27	SM	Septic Manhole	
28	TM	Telephone Wire Manhole	
29	EB	Electric Box	
30	DOOR	Door	
31	SEP	Steel Electric Pole	
32	CEP	Concrete Electric Pole	
33	WM	Water Manhole	
34	STN	Station	
35	BM	Benchmark	
36	TR	Tree	
37	BL	Break Line	
38	WPL	WATER PIPE LINE	

DATE REVISION DETAILS DRAWN

ISLAMIC EMIRATE OF
AFGHANISTAN

SURVEYED BY:
KABUL MUNICIPALITY
SURVEY TEAM

PROJECT NAME:
سروى توپوگرافى مسير شروع از پل
بگرامى الى منطقه نارسيده به پل
قرينه گلپنه

DRAWING TITLE:
سروى توپوگرافى مسير شروع از پل
بگرامى الى منطقه نارسيده به پل
قرينه گلپنه

BESMILLAH
MUSTAFA
ABDULLAH
AKRAMUDDIN
NAMATULLAH
HASEBULLAH
AHMAD JAMSHID
ABDUL AHMAD
NOORAHMAN
FARIAD
HEAD OF SURVEY:
SAYED ATIQ

DATE: SCALE:

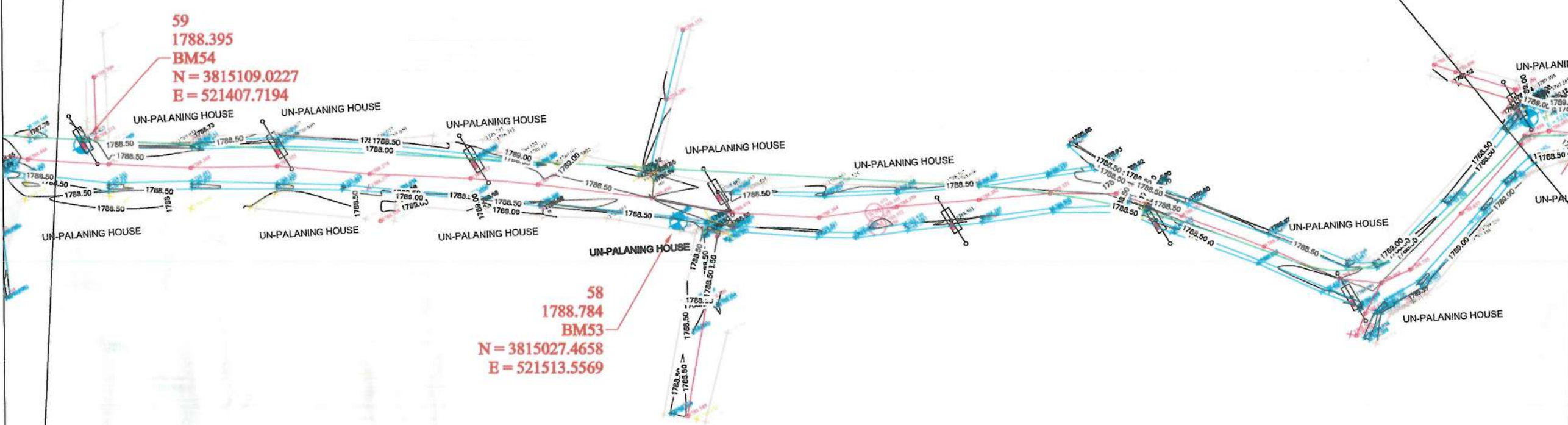
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PROJECT CODE:

SHEET PAGE NO REVISION
TS-02 OF 23 05 OF 115 01

PREVIOUS SHEET NUMBER - ###

MATCH LINE - 3
STATION - 1+007.00
EXT SHEET NUMBER: ###



NOTE:
ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE INDICATED

No	CODE	DETAIL	FIGURE
1	BL	Building	
2	RE	Road Edge	
3	BW	Boundary Wall	
4	MSQ	Mosque	
5	TD	Top Drainage	
6	BD	Bottom Drainage	
7	CL	Center Line	
8	CLC	Concrete Street Center Line	
9	F	Fence	
10	CU	Culvert	
11	TCN	Top Canal	
12	BCN	Bottom Canal	
13	MN	Water Mainhole	
14	STA	Star	
15	ELINE	Electric Pipe Line	
16	BTER	Bottom Terrace	
17	CN	Canal	
18	RP	Road Pav	
19	MD	Median	
20	BAK	Bakery	
21	SH	Shop	
22	BR	Bridge	
23	TW	T - Wall	
24	TP	Topographical Point	
25	HP	Hand Pump	
26	LEP	Light Electric Pole	
27	SM	Septic Manhole	
28	TM	Telephone Wire Manhole	
29	EB	Electric Box	
30	DOOR	Door	
31	SEP	Steel Electric Pole	
32	CEP	Concrete Electric Pole	
33	WM	Water Manhole	
34	STN	Station	
35	BM	Benchmark	
36	TR	Tree	
37	BL	Break Line	
38	WPL	WATER PIPE LINE	

DATE	REVISION	DETAILS	DRAWN

ISLAMIC EMIRATE OF AFGHANISTAN

SURVEYED BY: KABUL MUNICIPALITY SURVEY TEAM

PROJECT NAME:
مسوړی ټوپوگرافي مسوړ شروع او پيل
بگرامي اوسني منطقه نارسيده په پلي حصار
قريه گلپنه

DRAWING TITLE:
مسوړی ټوپوگرافي مسوړ شروع او پيل
بگرامي اوسني منطقه نارسيده په پلي حصار
قريه گلپنه

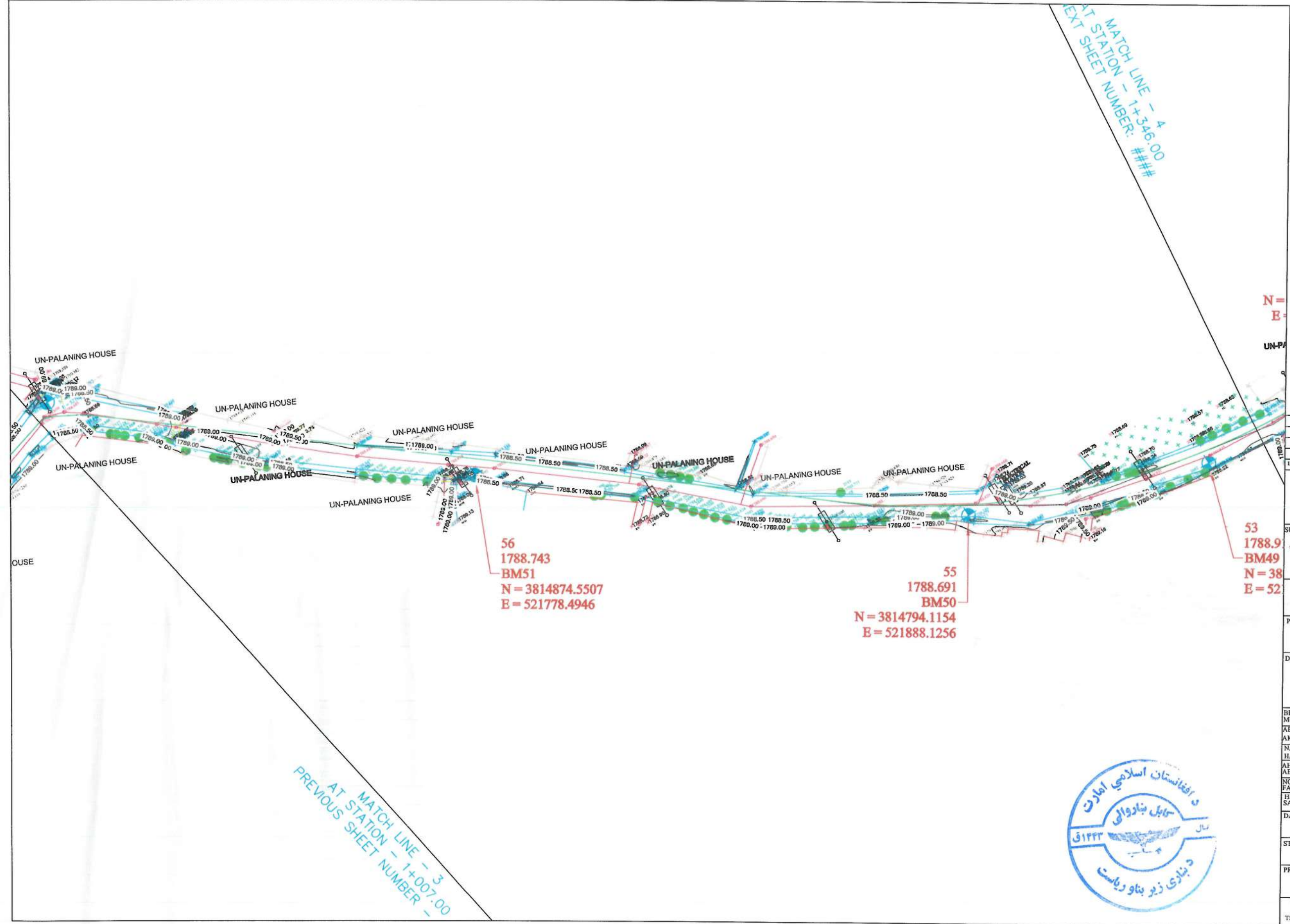
BESMILLAH: MUSTAFA:	
ABDULLAH AKRAMUDDEEN	
NAMATULLAH HASEBULLAH	
AHMAD JAMSHID ABDUL AHMAD	
NOORAHMAN FARHAD	
HEAD OF SURVEY : SAYED ATIQ:	
DATE:	SCALE:

STATUS: SURVEY

PROJECT CODE:

SHEET	PAGE NO	REVISION
TS-03 OF 23	06 OF 115	01





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

LEGEND			
No	CODE	DETAIL	FIGURE
1	BL	Building	
2	RE	Road Edge	
3	BW	Boundary Wall	
4	MSQ	Mosque	
5	TD	Tap Drainage	
6	BD	Bottom Drainage	
7	CL	Center Line	
8	CLC	Concrete Street Center Line	
9	F	Fence	
10	CU	Culvert	
11	TCN	Top Canal	
12	BCN	Bottom Canal	
13	WN	Water Main	
14	STA	Stake	
15	ELINE	Electric Line	
16	BTER	Burton Terrace	
17	CN	Canal	
18	RP	Road Pile	
19	MD	Moslem	
20	BAK	Bakery	
21	SH	Shop	
22	BR	Bridge	
23	FW	F - Wall	
24	TP	Topographical Point	
25	HP	Hand Pump	
26	LEP	Light Electric Pole	
27	SM	Septic Manhole	
28	TM	Telephone Manhole	
29	EB	Electric Box	
30	DOOR	Door	
31	SEP	Steel Electric Pole	
32	CEP	Concrete Electric Pole	
33	WM	Water Main	
34	STN/STA	Station	
35	BM	Benchmark	
36	TR	Tree	
37	Break	Line	
38	WPL	WATER PIPE LINE	

N =
E =

DATE	REVISION	DETAILS	DRAWN

ISLAMIC EMIRATE OF
AFGHANISTAN

SURVEYED BY:
KABUL MUNICIPALITY
SURVEY TEAM

PROJECT NAME:
مسوړی توپوگرافي مسوړ شروع او پيل
پگرامي لاسي منطقه نارسيده به يلى حصار
قريه گلپته

DRAWING TITLE:
مسوړی توپوگرافي مسوړ شروع او پيل
پگرامي لاسي منطقه نارسيده به يلى حصار
قريه گلپته

BESMILLAH:
MUSTAFA
ABDULLAH
AKRAMUDDIN
NAMATULLAH
HASEBULLAH
AHMAD JAMSHID
ABDUL AHMAD
NOORAHMAN
FARHAD
HEAD OF SURVEY:
SAYED ATIQ

DATE: SCALE:

STATUS:
SURVEY

PROJECT CODE:

SHEET	PAGE NO	REVISION
TS-04 OF 23	07 OF 115	01





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

LEGEND		
No	CODE	DETAIL
1	BL	Building
2	RE	Road Edge
3	BW	Boundary Wall
4	MSQ	Mosque
5	TD	Top Drainage
6	BD	Bottom Drainage
7	CL	Center Line
8	CLC	Concrete Street Center Line
9	F	Fence
10	CU	Culvert
11	TCN	Top Canal
12	BCN	Bottom Canal
13	MN	Water Manhole
14	STA	Sta
15	BLINE	Electric Pipe Line
16	JTER	Human Terrace
17	CN	Canal
18	RP	Road Pav
19	MD	Median
20	BAK	Bakery
21	SH	Shop
22	BR	Bridge
23	TW	T - Wall
24	TP	Topographical Point
25	HP	Hand Pump
26	LEP	Light Electric Pole
27	SM	Septic Manhole
28	TM	Telephone Manhole
29	EB	Electric Box
30	DOOR	Door
31	SEP	Street Electric Pole
32	CEP	Concrete Electric Pole
33	WM	Water Manhole
34	STW	Station
35	BM	Benchmark
36	TR	Tree
37	BL	Break Line
38	WPL	WATER PIPE LINE

DATE: REVISION DETAILS: DRAWN:

ISLAMIC EMIRATE OF
AFGHANISTAN

SURVEYED BY: KABUL MUNICIPALITY
SURVEY TEAM

PROJECT NAME:
مسوړی توپوگرافي مسوړ شروع از پل
بگرامي اسی منطقه ناز سوده به پل
قریبه گلپنه

DRAWING TITLE:
مسوړی توپوگرافي مسوړ شروع از پل
بگرامي اسی منطقه ناز سوده به پل
قریبه گلپنه

BESMILLAH:
MUSTAFA:
ABDULLAH
AKRAMUDDEEN
NAMATULLAH
HASEBULLAH
AHMAD JAMSHID
ABDUL AHMAD
NOORAHMAN
FARHAD

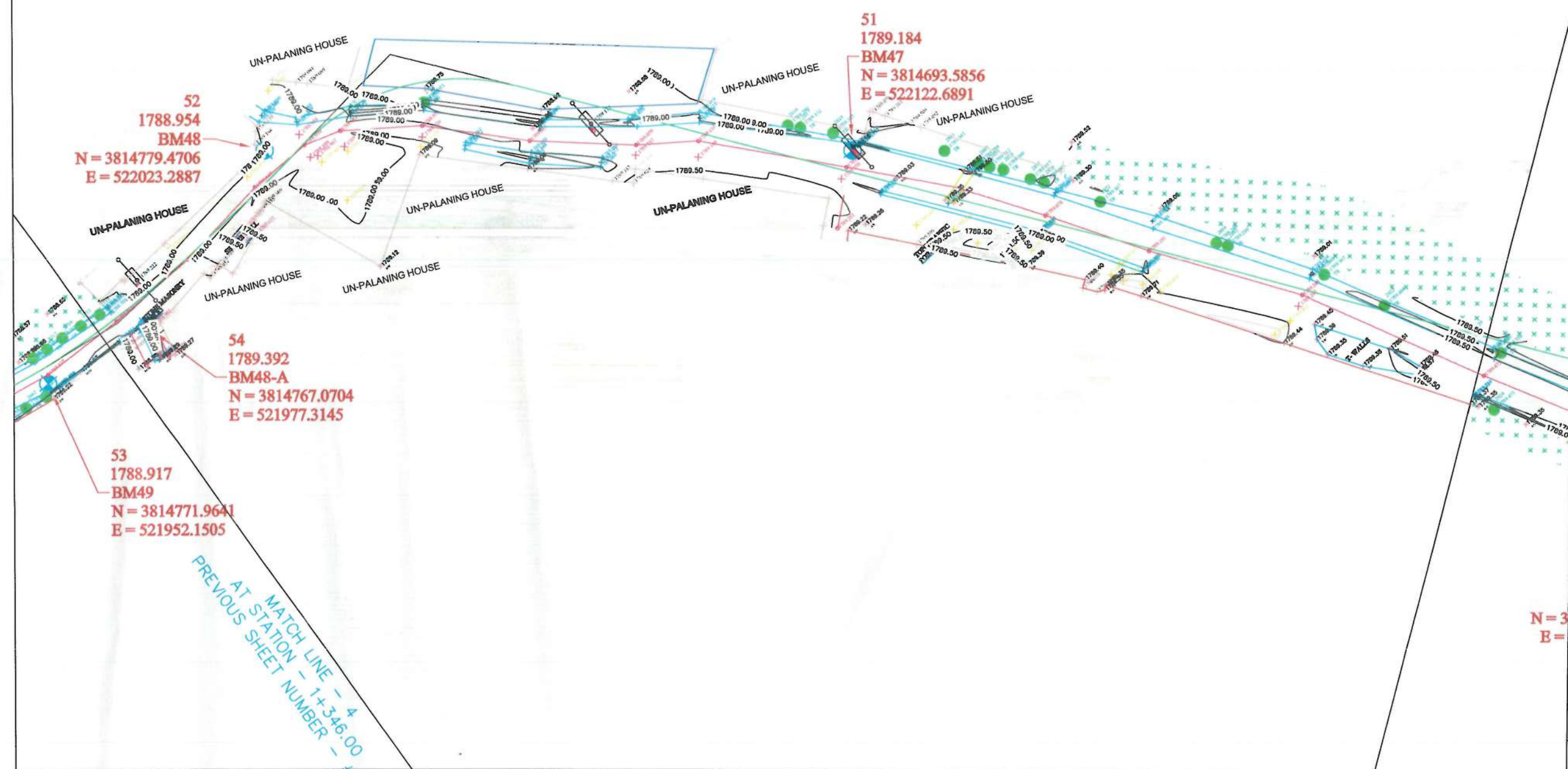
HEAD OF SURVEY:
SAYED ATIQ

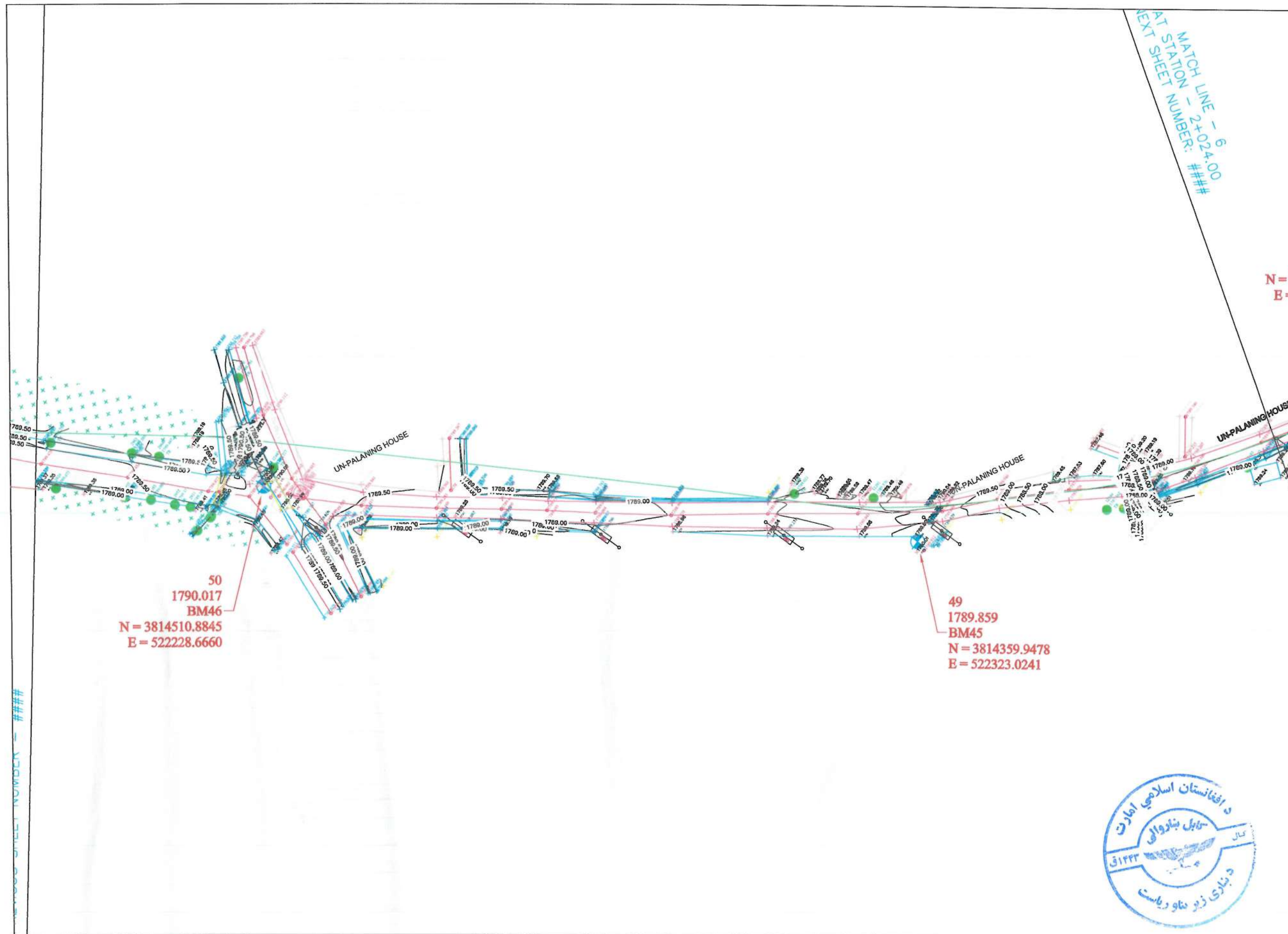
DATE: SCALE:

STATUS:
SURVEY

PROJECT CODE:

SHEET	PAGE NO	REVISION
TS-05 OF 23	08 OF 115	01





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

LEGEND			
No	CODE	DETAIL	FIGURE
1	BL	Building	
2	RE	Road Edge	
3	BW	Boundary Wall	
4	MSQ	Mosque	
5	TD	Top Drainage	
6	BD	Bottom Drainage	
7	CL	Center Line	
8	CLC	Concrete Slab	
9	F	Fence	
10	CU	Culvert	
11	TCN	Top Canal	
12	BCN	Bottom Canal	
13	MN	Water Main	
14	STA	Star	
15	ELINE	Electric Pipe Line	
16	BTER	Bottom Terrace	
17	CN	Canal	
18	RP	Road Pav	
19	MD	Median	
20	BAK	Bakery	
21	SH	Shop	
22	BR	Bridge	
23	TW	T - Wall	
24	TP	Topographical Point	
25	HP	Hand Pump	
26	LEP	Light Electric Pole	
27	SM	Septic Manhole	
28	TM	Telephone Manhole	
29	EB	Electric Box	
30	DOOR	Door	
31	SEP	Steel Electric Pole	
32	CEP	Cement Electric Pole	
33	WM	Water Manhole	
34	STN	Station	
35	BM	Benchmark	
36	TR	Trench	
37	BL	Break Line	
38	WPL	WATER PIPE LINE	

DATE	REVISION DETAILS	DRAWN

ISLAMIC EMIRATE OF
AFGHANISTAN

SURVEYED BY:
KABUL MUNICIPALITY
SURVEY TEAM

PROJECT NAME:
مسوړی توپوگرافي مسوړ شروع او پیل
پگرامي الی منطقه نارسيده په پلي خصار
قريه گلپنه

DRAWING TITLE:
مسوړی توپوگرافي مسوړ شروع او پیل
پگرامي الی منطقه نارسيده په پلي خصار
قريه گلپنه

BESMILLAH:
MUSTAFA:
ABDULLAH
AKRAMUDDEEN
NAMATULLAH
HASEBULLAH
AHMAD JAMSHID
ABDUL AHMAD
NOORAHMAN
FARHAD

HEAD OF SURVEY:
SAYED ATIQ

DATE: SCALE:

STATUS:
SURVEY

PROJECT CODE:

SHEET	PAGE NO	REVISION
TS-05 OF 23	09 OF 115	01



SECTION - 8
SHEET NUMBER: ###

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

LEGEND			
No	CODE	DETAIL	FIGURE
1	BL	Building	
2	RE	Road Edge	
3	BW	Boundary Wall	
4	MSQ	Mosque	
5	TD	Top Drainage	
6	BD	Bottom Drainage	
7	CL	Center Line	
8	CLC	Concrete Street Center Line	
9	F	Fence	
10	CU	Culvert	
11	TCN	Top Canal	
12	BCN	Bottom Canal	
13	MN	Water Mainhole	
14	STA	Stue	
15	ELINE	Electric Pipe Line	
16	BTER	Bottom Terrace	
17	CN	Canal	
18	RP	Road Pier	
19	MD	Median	
20	BAK	Bakery	
21	SH	Shop	
22	BR	Bridge	
23	TW	T - Wall	
24	TP	Topographical Point	
25	HP	Hand Pump	
26	LEP	Light Electric Pole	
27	SM	Signpost	
28	TM	Telephone Mainhole	
29	ED	Electric Box	
30	DOOR	Door	
31	SEP	Street Electric Pole	
32	CEP	Concrete Electric Pole	
33	WM	Water Mainhole	
34	STN	Station	
35	BM	Benchmark	
36	TR	Tree	
37	BL	Break Line	
38	WPL	WATER PIPE LINE	

DATE: REVISION DETAILS: DRAWN:

ISLAMIC EMIRATE OF AFGHANISTAN

SURVEYED BY: KABUL MUNICIPALITY SURVEY TEAM

PROJECT NAME:
مسئله توپوگرافی مسوود شروع از پل
بگرامی الی منطقه نارسیده به پل
قریه گلپنه

DRAWING TITLE:
مسئله توپوگرافی مسوود شروع از پل
بگرامی الی منطقه نارسیده به پل
قریه گلپنه

BESMILLAH:
MUSTAFA:
ABDULLAH
AKRAMUDDEEN
NAMATULLAH
HASEBULLAH
AHMAD JAMSHID
ABDUL AHMAD
NOORAHMAN
FARHAD

HEAD OF SURVEY:
SAYED ATIQ

DATE: SCALE:

STATUS:
SURVEY

PROJECT CODE:

SHEET: PAGE NO: REVISION:
TS-08 OF 23 11 OF 115 01



1. ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE INDICATED

LEGEND			
No.	CODE	DETAIL	FIGURE
1	BL	Building	
2	RE	Road Edge	
3	BW	Boundary Wall	
4	MSO	Mosque	
5	TD	Top Drainage	
6	BD	Bottom Drainage	
7	CL	Center Line	
8	CLC	Center Street	
9	F	Fence	
10	CU	Culvert	
11	TCN	Top Canal	
12	BCN	Bottom Canal	
13	MN	Water Mainhole	
14	STA	Stair	
15	ELINE	Electric Pipe Line	
16	BTBR	Bottom Terrace	
17	CV	Canopy	
18	RP	Road Pole	
19	MD	Median	
20	BAK	Bakery	
21	SH	Shop	
22	BR	Bridge	
23	TW	T - Wall	
24	TP	Topographical Point	
25	HP	Hand Pump	
26	LEP	Light Electric Pole	
27	SM	Septic Mainhole	
28	TM	Telephone Box Mainhole	
29	EB	Electric Box	
30	DOOR	Door	
31	SEP	Septic Electric Pole	
32	CEP	Concrete Electric Pole	
33	W	Water Mainhole	
34	5779.274	Station	
35	BM	Benchmark	
36	TR	Tree	
37	Break	Line	
38	WPL	WATER PIPE LINE	


DATE	REVISION DETAILS	DRAWN
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ISLAMIC EMIRATE OF
AFGHANISTAN

SURVEYED BY: KABUL MUNICIPALITY
SURVEY TEAM

PROJECT NAME:	مسروى توپوگرافى مسير شروع از پىل بگرامى الى منطقه ناز سوده به بنى حصار قر به گلبته
DRAWING TITLE:	مسروى توپوگرافى مسير شروع از پىل بگرامى الى منطقه ناز سوده به بنى حصار قر به گلبته

BESMILLAH: MUSTAFA:	
ABDULLAH	
AKRAMUDDEEN	
NAMATULLAH HASEBULLAH	
AHMAD JAMSHID ABDUL AHMAD	
NOORAHMAN	

HEAD OF SURVEY : SAYED ATIQ:	
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DATE:	SCALE:
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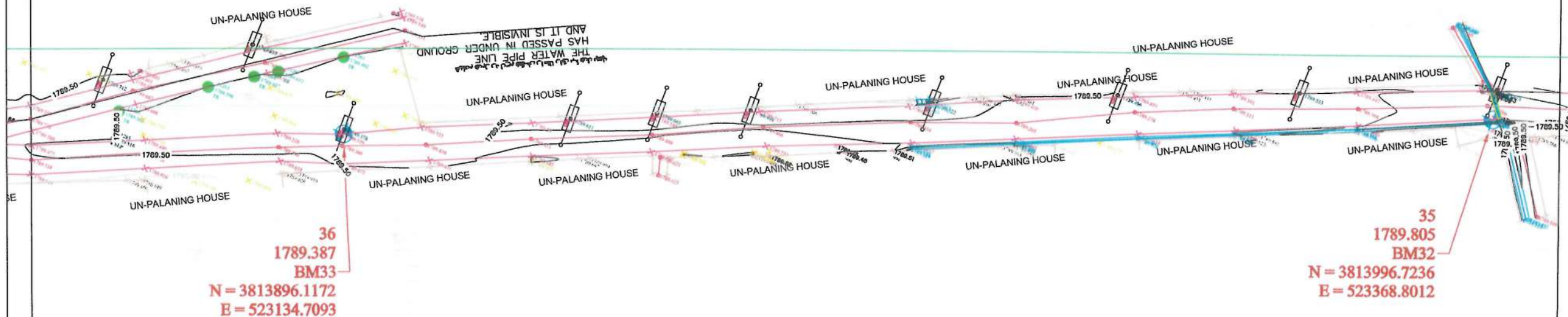
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PROJECT CODE:

SHEET	PAGE NO	REVISION
TS-09 OF 23	12 OF 115	01



PREVIOUS SHEET NUMBER - ###



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

MATCH LINE - 10

LEGEND			
No	CODE	DETAIL	FIGURE
1	BL	Building	
2	RE	Road Edge	
3	BW	Boundary Wall	
4	MSQ	Mosque	
5	TD	Top Drainage	
6	BD	Bottom Drainage	
7	CL	Center Line	
8	CLC	Concrete Street Center Line	
9	F	Fence	
10	CU	Culvert	
11	TCN	Top Canal	
12	BCN	Bottom Canal	
13	MN	Water Manhole	
14	STA	Stair	
15	ELINE	Electric Pipe Line	
16	BTER	Bottom Terrace	
17	CN	Canal	
18	RP	Road Pier	
19	MD	Median	
20	BAK	Bakery	
21	SH	Shop	
22	BR	Bridge	
23	TW	T-Wall	
24	TP	Topographical Point	
25	HP	Hand Pump	
26	LEP	Light Electric Pole	
27	SEP	Steel Electric Pole	
28	TM	Telephone Manhole	
29	EB	Electric Box	
30	DOOR	Door	
31	SEP	Steel Electric Pole	
32	CEP	Concrete Electric Pole	
33	WM	Water Manhole	
34	STN	Station	
35	BM	Benchmark	
36	TR	Tree	
37	BL	Break Line	
38	WPL	WATER PIPE LINE	

DATE REVISION DETAILS DRAWN

ISLAMIC EMIRATE OF AFGHANISTAN

SURVEYED BY: KABUL MUNICIPALITY SURVEY TEAM

PROJECT NAME:
مسووی توپوگرافي مسوور شروع از پيل
بگرامي لاسي منطقه نارسيده به پيل حصار
قريه گلپنه

DRAWING TITLE:
مسووی توپوگرافي مسوور شروع از پيل
بگرامي لاسي منطقه نارسيده به پيل حصار
قريه گلپنه

BESMILLAH:
MUSTAFA:
ABDULLAH
AKRAMUDDEEN
NAMATULLAH
HASEBULLAH
AHMAD JAMSHID
ABDUL AHMAD
NOORAHMAN
FARHAD

HEAD OF SURVEY:
SAYED ATIQ:

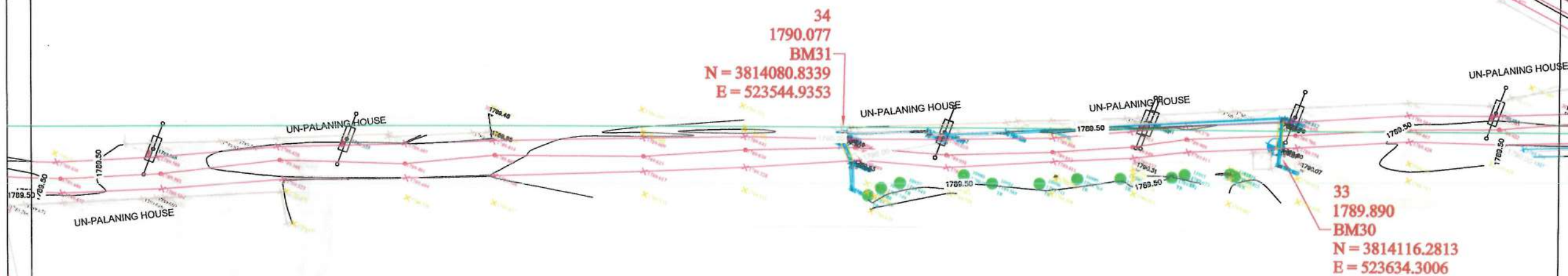
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STATUS: SURVEY

PROJECT CODE:

SHEET: PAGE NO: REVISION:
TS-10 OF 23 33 OF 115 01

PREVIOUS SHEET NUMBER - ###



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

No	CODE	DETAIL	FIGURE
1	BL	Building	
2	RE	Road Edge	
3	BW	Boundary Wall	
4	MSQ	Mosque	
5	TD	Top Drainage	
6	BD	Bottom Drainage	
7	CL	Center Line	
8	CLC	Concrete Street Center Line	
9	F	Fence	
10	CU	Culvert	
11	TCN	Top Canal	
12	BCN	Bottom Canal	
13	MIN	Water Manhole	
14	STA	Stone	
15	BLINE	Electric Pipe Line	
16	BTER	Bottom Terrace	
17	CN	Container	
18	RP	Road Pole	
19	MD	Median	
20	BAK	Bakery	
21	SH	Shop	
22	BR	Bridge	
23	TW	T-Wall	
24	TP	Topographical Point	
25	HP	Hand Pump	
26	LEP	Light Electric Pole	
27	SM	Septic Manhole	
28	TM	Telephone Manhole	
29	EB	Electric Box	
30	DOOR	Door	
31	SEP	Septic Electric Pole	
32	CEP	Concrete Electric Pole	
33	WM	Water Manhole	
34	STW	Station	
35	BM	Benchmark	
36	TR	Tree	
37	BL	Break Line	
38	WPL	WATER PIPE LINE	

DATE	REVISION DETAILS	DRAWN

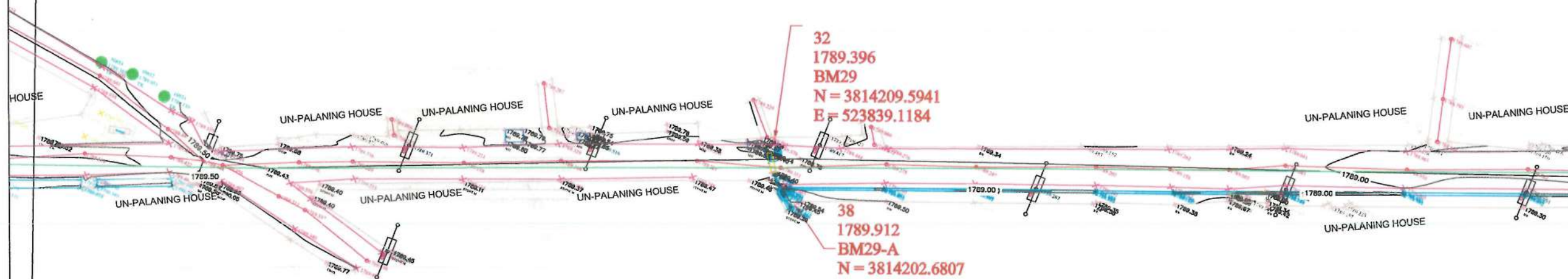
ISLAMIC EMIRATE OF AFGHANISTAN

SURVEYED BY: KABUL MUNICIPALITY SURVEY TEAM

PROJECT NAME:
مسروی توپوگرافی مسویر شروع از پل
بگرامی الی منطقه نارسوده به پل
قریبه گلپنه

DRAWING TITLE:
مسروی توپوگرافی مسویر شروع از پل
بگرامی الی منطقه نارسوده به پل
قریبه گلپنه

BESMILLAH MUSTAFA		
ABDULLAH AKRAMUDDEEN		
NAMATULLAH HASEBULLAH		
AHMAD JAMSHID ABDUL AHMAD		
NOORAHMAN FARHAD		
HEAD OF SURVEY : SAYED ATIQ		
DATE:	SCALE:	
STATUS: SURVEY		
PROJECT CODE:		
SHEET TS-11 OF 23	PAGE NO 14 OF 115	REVISION 01



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

LEGEND			
No	CODE	DETAIL	FIGURE
1	BL	Building	
2	RE	Road Edge	
3	BW	Boundary Wall	
4	MSQ	Mosque	
5	TD	Top Drainage	
6	BD	Bottom Drainage	
7	CL	Center Line	
8	CLC	Concrete Street	
9	F	Fence	
10	CU	Culvert	
11	TCN	Top Canal	
12	BCN	Bottom Canal	
13	MN	Water Manhole	
14	STA	Stair	
15	ELINE	Electric Pipe Line	
16	BTER	Bottom Terrace	
17	CN	Canal	
18	RP	Road Pit	
19	MD	Median	
20	BAK	Bakery	
21	SH	Shop	
22	BR	Bridge	
23	TW	T - Wall	
24	TP	Topographical Point	
25	HP	Hand Pump	
26	LEP	Light Electric Pole	
27	SM	Sepic Manhole	
28	TM	Telephone Manhole	
29	EB	Electric Box	
30	DOOR	Door	
31	SEP	Sepic Electric Pole	
32	CEP	Concrete Electric Pole	
33	WM	Water Manhole	
34	STN	Station	
35	BM	Benchmark	
36	TR	Tree	
37	BL	Break Line	
38	WPL	WATER PIPE LINE	

DATE	REVISION DETAILS	DRAWN
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ISLAMIC EMIRATE OF
AFGHANISTAN

SURVEYED BY:
KABUL MUNICIPALITY
SURVEY TEAM

PROJECT NAME:
مسروى توپوگرافى مسوړ شروع از پل
پگرامى الى منطقه نارسيده به پلى حصار
قريه گلينه

DRAWING TITLE:
مسروى توپوگرافى مسوړ شروع از پل
پگرامى الى منطقه نارسيده به پلى حصار
قريه گلينه

BESMILLAH:
MUSTAFA:
ABDULLAH
AKRAMUDDEEN
NAMATULLAH
HASEBULLAH
AHMAD JAMSHID
ABDUL AHMAD
NOORAHMAN
FARHAD

HEAD OF SURVEY:
SAYED ATIQ:
DATE:
SCALE:

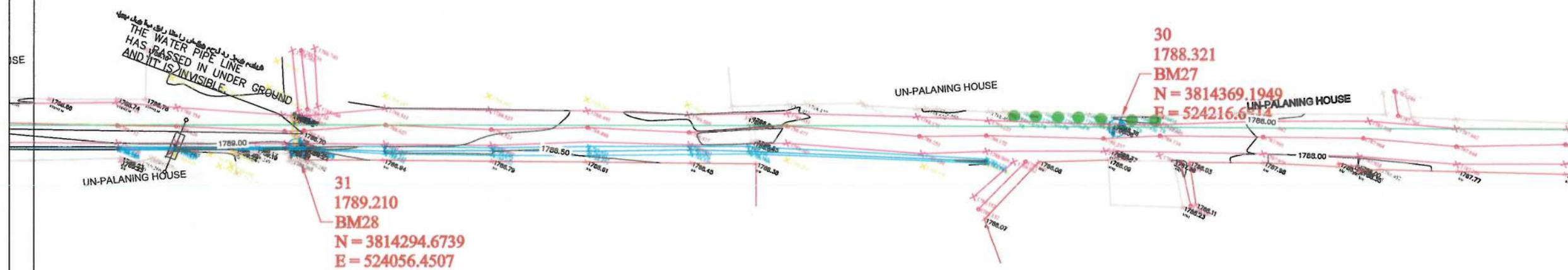
STATUS:
SURVEY

PROJECT CODE:

SHEET	PAGE NO	REVISION
TS-12 OF 23	15 OF 115	01



PREVIOUS SHEET NUMBER - #####



MATCH LINE - 13

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

LEGEND		
No.	CODE/DETAIL	FIGURE
1	BH Building	
2	RE Road Edge	
3	BW Boundary Wall	
4	MSQ Mosque	
5	TD Top Drainage	
6	BD Bottom Drainage	
7	CL Center Line	
8	CLC Concrete Street Center Line	
9	F Fence	
10	CU Culvert	
11	TCN Top Canal	
12	BCN Bottom Canal	
13	MN Water Mainline	
14	STA Stake	
15	ELINE Electric Pole Line	
16	BTB Bottom Trench	
17	CN Can	
18	RP Road Pav	
19	MD Medicines	
20	BAK Bakery	
21	SH Shop	
22	BR Bridge	
23	TW T - Wall	
24	TP Topographical Point	
25	HP Hand Pump	
26	LEP Light Electric Pole	
27	SM Sogitzi Mahabou	
28	EM Electric Wire	
29	TB Mobile	
30	EB Electric Box	
31	DOOR	
32	DDP Steel Electric Pole	
33	CEP Concrete Electric Pole	
34	WM Waste Mainline	
35	STNSA Station	
36	BM Benchmark	
37	TR Tree	
38	Break Line	
39	WPL WATER PIPE LINE	

DATE	REVISION DETAILS	DRAWN	

ISLAMIC EMIRATE OF
AFGHANISTAN

SURVEYED BY: KABUL MUNICIPALITY
SURVEY TEAM

PROJECT NAME:
مروى تويوگرافي مسير شروع از پل
بگرامى الى منطقه نارسيده به بنى حصار
قرية كاتيه

DRAWING TITLE:
مسروری توپوگرافی مسور شروع از پل
بگرامی الی منطقه نارسیده به بنی حصار
قریه گلینه

BESMILLAH: MUSTAFA	
ABDULLAH AKRAMUDEEN	
NAMATULLAH HASEBULLAH	
AHMAD JAMSHID ABDUL AHMAD	
NOORAHMAN FARHAD	
HEAD OF SURVEY : SAYED ATIQ:	
DATE:	SCALE:

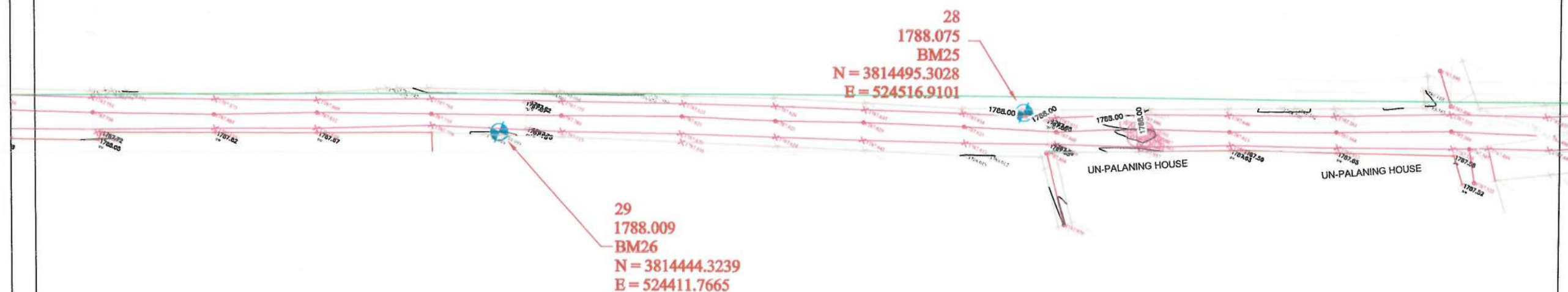
STATUS:	
SURVEY	

PROJECT CODE:

SHEET	PAGE NO	REVISION
TS-13 OF 23	16 OF 115	01



PREVIOUS SHEET NUMBER - #####

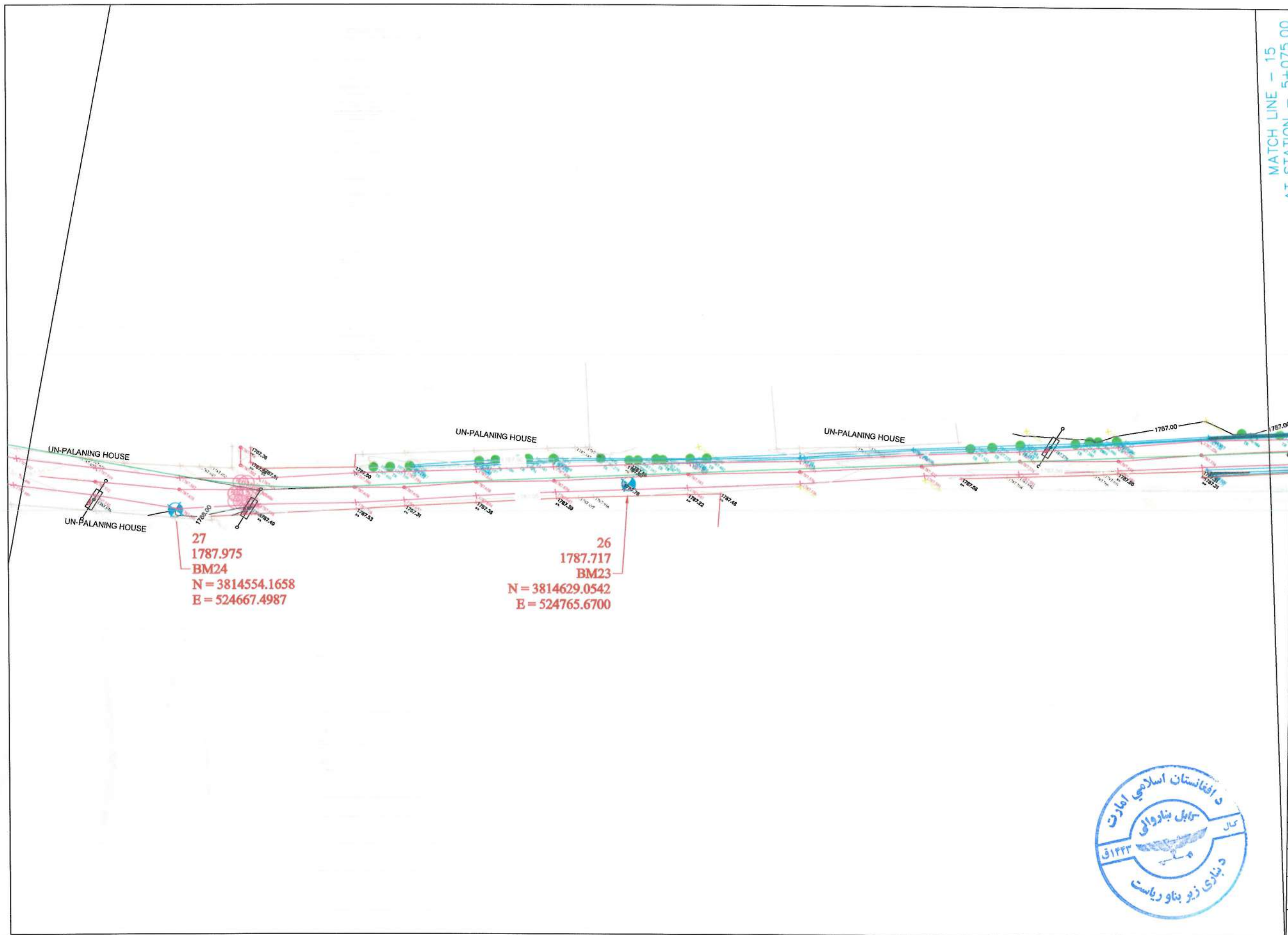


WATCH LINE 14

NOTE:
ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE INDICATED

LEGEND		
No	CODE	FIGURE
1	BL	Building
2	RE	Road Edge
3	BW	Boundary Wall
4	MSQ	Mosque
5	TD	Top Drainage
6	BD	Bottom Drainage
7	CL	Center Line
8	CLC	Concrete Siren
9	F	Fence
10	CU	Culvert
11	TCN	Top Canal
12	BCN	Bottom Canal
13	MN	Marble Marble
14	STA	Stone
15	ELINE	Electric Power Line
16	BTN	Bottom Tunnel
17	GN	Gravel
18	RP	Road Pav
19	MD	Median
20	BAK	Bakery
21	SH	Shop
22	BR	Bridge
23	FW	F - Wall
24	TP	Topographical Point
25	HP	Hand Pump
26	LEP	Light Electric Pole
27	SM	Synthetic Marble
28	TM	Topographic Map
29	EB	Electric Box
30	DOOR	Door
31	SEP	Sheet Electric Pole
32	CP	Covered Pipe
33	WM	Water Main
34	STN	Station
35	BM	Benchmark
36	TR	Tree
37	BR	Break Line
38	WPL	WATER PIPELINE

DATE	REVISION DETAILS	DRAWN			
ISLAMIC EMIRATE OF AFGHANISTAN					
SURVEYED BY:	KABUL MUNICIPALITY SURVEY TEAM				
					
PROJECT NAME: <div style="text-align: right;">مسوری توپوگرافی مسود شروع از پل بگرامی الی منطقه نارمیده به بنی حصار قریه گلینه</div>					
DRAWING TITLE: <div style="text-align: right;">مسوری توپوگرافی مسود شروع از پل بگرامی الی منطقه نارمیده به بنی حصار قریه گلینه</div>					
BESMILLAH: MUSTAFA:					
ABDULLAH AKRAMUDDEEN					
NAMATULLAH HASEBULLAH					
AHMAD JAMSHID ABDUL AHMAD					
NOORAHMAN FARHAD					
HEAD OF SURVEY : SAYED ATIQ :					
DATE:	SCALE:				
STATUS: <div style="text-align: center;">SURVEY</div>					
PROJECT CODE:					
SHEET	PAGE NO	REVISION			
TS-14 OF 23	17 OF 115	01			



NOTE:
ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE INDICATED

LEGEND			
No	CODE	DETAIL	FIGURE
1	BL	Building	
2	RE	Road Edge	
3	BW	Boundary Wall	
4	MSQ	Mosque	
5	TD	Top Drainage	
6	BD	Bottom Drainage	
7	CL	Center Line	
8	CLC	Concrete Street	
9	F	Fence	
10	CU	Culvert	
11	TCN	Top Canal	
12	BCN	Bottom Canal	
13	MN	Water Main	
14	STA	Star	
15	ELINE	Electric Pipe Line	
16	BTER	Bottom Terrace	
17	CN	Canal	
18	RP	Road Pit	
19	MD	Median	
20	BAK	Bakery	
21	SH	Shop	
22	BR	Bridge	
23	TW	T - Wall	
24	TP	Topographical Point	
25	HP	Hand Pump	
26	LEP	Light Electric Pole	
27	SM	Septic Manhole	
28	TM	Telephone Manhole	
29	EB	Electric Box	
30	DOOR	Door	
31	SEP	Steel Electric Pole	
32	CEP	Concrete Electric Pole	
33	WM	Water Manhole	
34	STN	Station	
35	DM	Ditch	
36	TR	Tree	
37	BRK	Break	
38	WPL	WATER PIPE LINE	

DATE	REVISION DETAILS	DRAWN
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ISLAMIC EMIRATE OF
AFGHANISTAN

SURVEYED BY:
KABUL MUNICIPALITY
SURVEY TEAM

PROJECT NAME:
مسوړی توپوگرافي مسوړ شوی او پیل
پکرامی اسی منطقه نارسوده په پیل
قوسه کلبه

DRAWING TITLE:
مسوړی توپوگرافي مسوړ شوی او پیل
پکرامی اسی منطقه نارسوده په پیل
قوسه کلبه

BESMILLAH:
MUSTAFA:
ABDULLAH
AKRAMUDDEEN
NAMATULLAH
HASEBULLAH
AHMAD JAMSHID
ABDUL AHMAD
NOORAHMAN
FARHAD

HEAD OF SURVEY:
SAYED ATIQ:

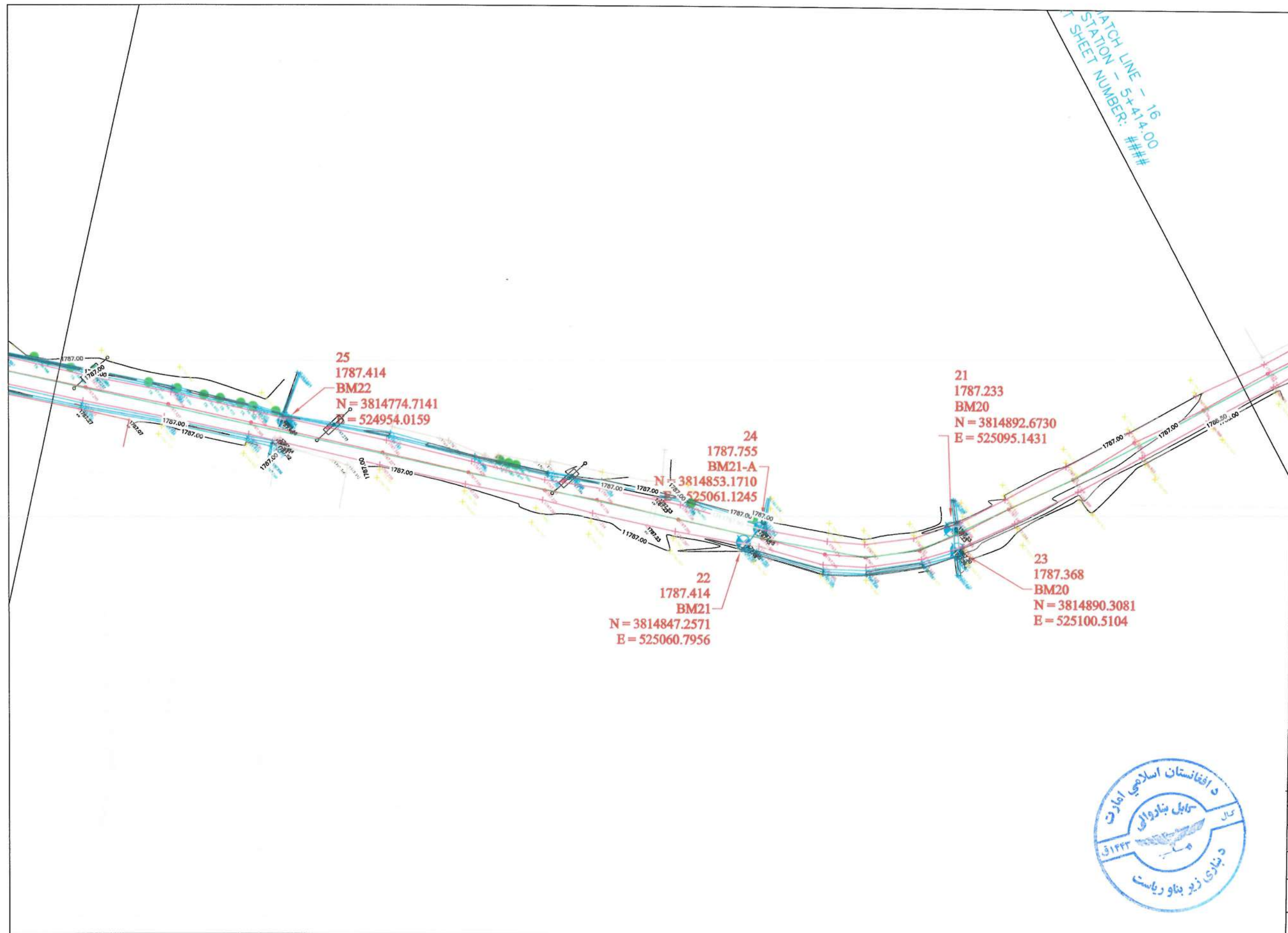
DATE: SCALE:

STATUS:
SURVEY

PROJECT CODE:

SHEET	PAGE NO	REVISION
TS-15 OF 23	18 OF 115	01





MATCH LINE - 16
STATION - 5+414.00
SHEET NUMBER: ###

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

LEGEND		
No.	CODE	DETAIL
1	BL	Building
2	RE	Road Edge
3	BW	Boundary Wall
4	MSQ	Mosque
5	TD	Top Drainage
6	BD	Bottom Drainage
7	CL	Center Line
8	CLC	Concrete Corner
9	F	Fence
10	CU	Culvert
11	TCN	Top Canal
12	BCN	Bottom Canal
13	MN	Water Manhole
14	STA	Station
15	ELINE	Electric Pipe Line
16	BTTR	Bottom Terrace
17	CN	Canal
18	RP	Road Pier
19	MD	Median
20	BAK	Bakery
21	SH	Shop
22	BR	Bridge
23	FW	T-Wall
24	TP	Topographical Point
25	HP	Hand Pump
26	LEP	Light Electric Pole
27	SM	Street Manhole
28	TM	Telephone Manhole
29	EB	Electric Box
30	DOOR	Door
31	SEP	Sanitary Electric Pole
32	CEP	Concrete Electric Pole
33	WM	Water Manhole
34	STW	Station
35	BM	Benchmark
36	TR	Tree
37	BL	Break Line
38	WPL	WATER PIPE LINE

DATE	REVISION DETAILS	DRAWN

ISLAMIC EMIRATE OF
AFGHANISTAN

SURVEYED BY:
KABUL MUNICIPALITY
SURVEY TEAM

PROJECT NAME:
مسوړی ټوپوګرافي مسوړ شلوع از پل
پگرامی الی منطقه نار سیده به پتی حصار
قریبه گلینه

DRAWING TITLE:
مسوړی ټوپوګرافي مسوړ شلوع از پل
پگرامی الی منطقه نار سیده به پتی حصار
قریبه گلینه

BESMILLAH:
MUSTAFA:
ABDULLAH
AKRAMUDDIN
NAMATULLAH
HASEBULLAH
AHMAD JAMSHID
ABDUL AHMAD
NOORAHMAN
FARHAD

HEAD OF SURVEY:
SAYED ATIQ

DATE: SCALE:

STATUS:
SURVEY

PROJECT CODE:

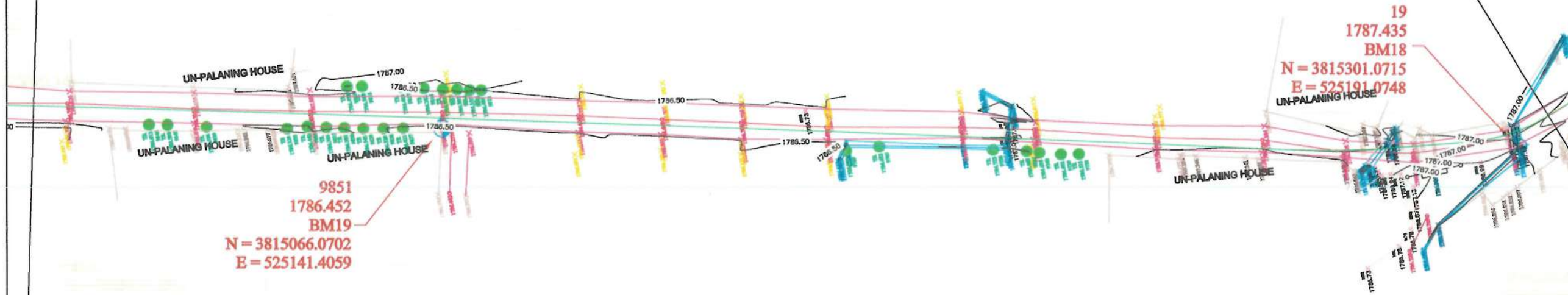
SHEET	PAGE NO	REVISION
TS-16 OF 23	19 OF 115	01



MATCH LINE - 17
STATION - 5+753.00
TEXT SHEET NUMBER: ###

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

LEGEND			
No.	CODE	DETAIL	FIGURE
1	BL	Building	
2	RE	Road Edge	
3	BW	Boundary Wall	
4	MSQ	Mosque	
5	TD	Top Drainage	
6	BD	Bottom Drainage	
7	CL	Center Line	
8	CLC	Concrete Street Center Line	
9	F	Fence	
10	CU	Culvert	
11	FCN	Top Canal	
12	BCN	Bottom Canal	
13	WN	Water Manhole	
14	STA	Star	
15	ELINE	Electric Pipe Line	
16	STER	Bottom Terrace	
17	CN	Canal	
18	RP	Road Pier	
19	MD	Median	
20	BAK	Bakery	
21	SH	Shop	
22	BR	Bridge	
23	TW	T-Wall	
24	TP	Topographical Point	
25	HP	Hand Pump	
26	LEP	Light Electric Pole	
27	SM	Septic Manhole	
28	TM	Telephone Manhole	
29	EB	Electric Box	
30	DOOR	Door	
31	SEP	Steel Electric Pole	
32	CEP	Concrete Electric Pole	
33	WM	Water Manhole	
34	STN/STA	Station	
35	BM	Benchmark	
36	FR	Tree	
37	BL	Break Line	
38	WPL	WATER PIPE LINE	



DATE	REVISION DETAILS	DRAWN
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ISLAMIC EMIRATE OF
AFGHANISTAN

SURVEYED BY: KABUL MUNICIPALITY
SURVEY TEAM

PROJECT NAME:
سروی توپوگرافی مسیر شروع از پل
بگرامی الی منطقه نارسیده به پل
قریه گلینه

DRAWING TITLE:
سروی توپوگرافی مسیر شروع از پل
بگرامی الی منطقه نارسیده به پل
قریه گلینه

BESMILLAH:
MUSTAFA:
ABDULLAH
AKRAMUDDEEN
NAMATULLAH
HASEBULLAH
AHMAD JAMSHID
ABDUL AHMAD
NOORAHMAN
FARHAD

HEAD OF SURVEY:
SAYED ATIQ:

DATE: SCALE:

STATUS:
SURVEY

PROJECT CODE:

SHEET	PAGE NO	REVISION
TS-17 OF 23	20 OF 115	01





NOTE:

1. ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE INDICATED

LEGEND		
No	CODE/DETAIL	FIGURE
1	BL Building	
2	RE Road Edge	
3	BW Boundary Wall	
4	MSQ Mosque	
5	TD Top Drainage	
6	BD Bottom Drainage	
7	CL Center Line	
8	CLC Concrete Street Center Line	
9	F Fence	
10	CU Culvert	
11	TCN Top Canal	
12	BCN Bottom Canal	
13	MN Water Manhole	
14	STA	
15	ELINE Electric Pipe Line	
16	BTER Bottom Terrace	
17	CN Cusiner	
18	RP Road Pin	
19	MD Median	
20	BAK Bakery	
21	SH Shop	
22	BR Bridge	
23	TW T-Wall	
24	TP Topographical Point	
25	HP Hand Pump	
26	LEP Light Electric Pole	
27	SM Septic Manhole	
28	TM Telephone Wire Manhole	
29	EB Electric Box	
30	DOOR Door	
31	SEP Steel Electric Pole	
32	CEP Concrete Electric Pole	
33	WM Water Manhole	
34	STN STA Station	
35	BM Benchmark	
36	TR Tree	
37	Break Line	
38	WPL WATER PIPE LINE	

DATE	REVISION DETAILS	DRAWN
------	------------------	-------

ISLAMIC EMIRATE OF
AFGHANISTAN

SURVEYED BY: KABUL MUNICIPALITY
SURVEY TEAM

PROJECT NAME:
مسئله توپوگرافی مسوول شروع از پل
یگرانی الی منطقه نارسیده به پل
قریبه گلینه

DRAWING TITLE:
مسئله توپوگرافی مسوول شروع از پل
یگرانی الی منطقه نارسیده به پل
قریبه گلینه

BESMILLAH:	
MUSTAFA:	
ABDULLAH	
AKRAMUDDIN	
NAMATULLAH	
HASEBULLAH	
AHMAD JAMSHID	
ABDUL AHMAD	
NOORAHMAN	
FARHAD	

HEAD OF SURVEY :
SAYED ATIQ

DATE: SCALE:

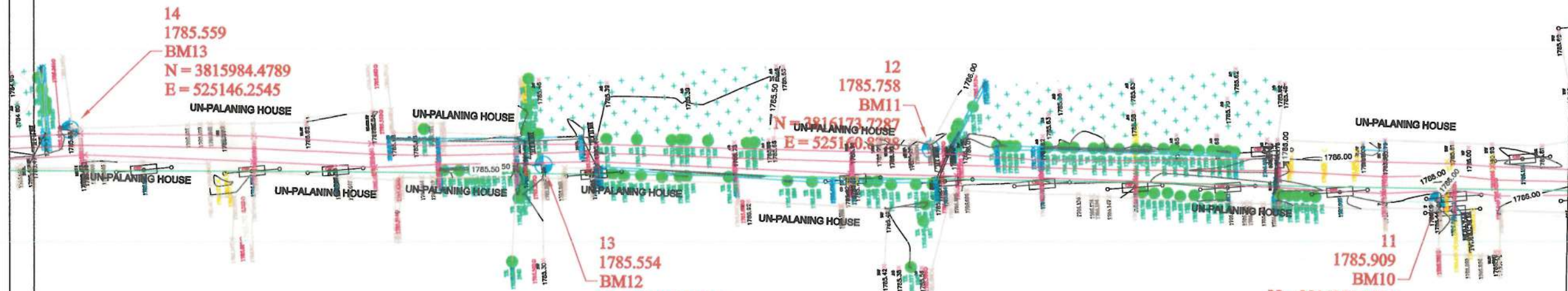
STATUS:
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PROJECT CODE:

SHEET	PAGE NO	REVISION
TS-18 OF 23	21 OF 115	01



MATCH LINE - 17
AT STATION - 5+753.00
PREVIOUS SHEET NUMBER - ###



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

MATCH LINE - 20

No.	CODE	DETAIL	FIGURE
1	BL	Building	
2	RE	Road Edge	
3	BW	Boundary Wall	
4	MSQ	Mosque	
5	TD	Top Drainage	
6	BD	Bottom Drainage	
7	CL	Center Line	
8	CLC	Concrete Street Center Line	
9	F	Fence	
10	CU	Culvert	
11	TCN	Top Canal	
12	BCN	Bottom Canal	
13	MN	Water Manhole	
14	STA	Star	
15	ELINE	Electric Pipe Line	
16	BTER	Bottom Terrace	
17	CN	Canal	
18	RP	Road Pier	
19	MD	Median	
20	BAK	Bakery	
21	SH	Shop	
22	BR	Bridge	
23	TW	T. Wall	
24	TP	Topographical Point	
25	HP	Hand Pump	
26	LEP	Light Electric Pole	
27	SM	Signal Manhole	
28	TM	Telephone Wire	
29	BB	Electric Box	
30	DOOR	Door	
31	SEP	Steel Electric Pole	
32	CEP	Concrete Electric Pole	
33	WM	Water Manhole	
34	STN	Station	
35	BM	Benchmark	
36	TR	Tree	
37	BL	Break Line	
38	WPL	WATER PIPE LINE	

DATE	REVISION DETAILS	DRAWN

ISLAMIC EMIRATE OF AFGHANISTAN

SURVEYED BY: KABUL MUNICIPALITY SURVEY TEAM

PROJECT NAME:
سروی توپوگرافي مسود شرواع از پل
يگرمي الي منطقه نارسيده به بني حصار
قريه گلپنه

DRAWING TITLE:
سروی توپوگرافي مسود شرواع از پل
يگرمي الي منطقه نارسيده به بني حصار
قريه گلپنه

BESMILLAH:
MUSTAFA:
ABDULLAH
AKRAMUDDEEN
NAMATULLAH
HASEBULLAH
AHMAD JAMSHID
ABDUL AHMAD
NOORAHMAN
FARHAD

HEAD OF SURVEY:
SAYED ATIQ:

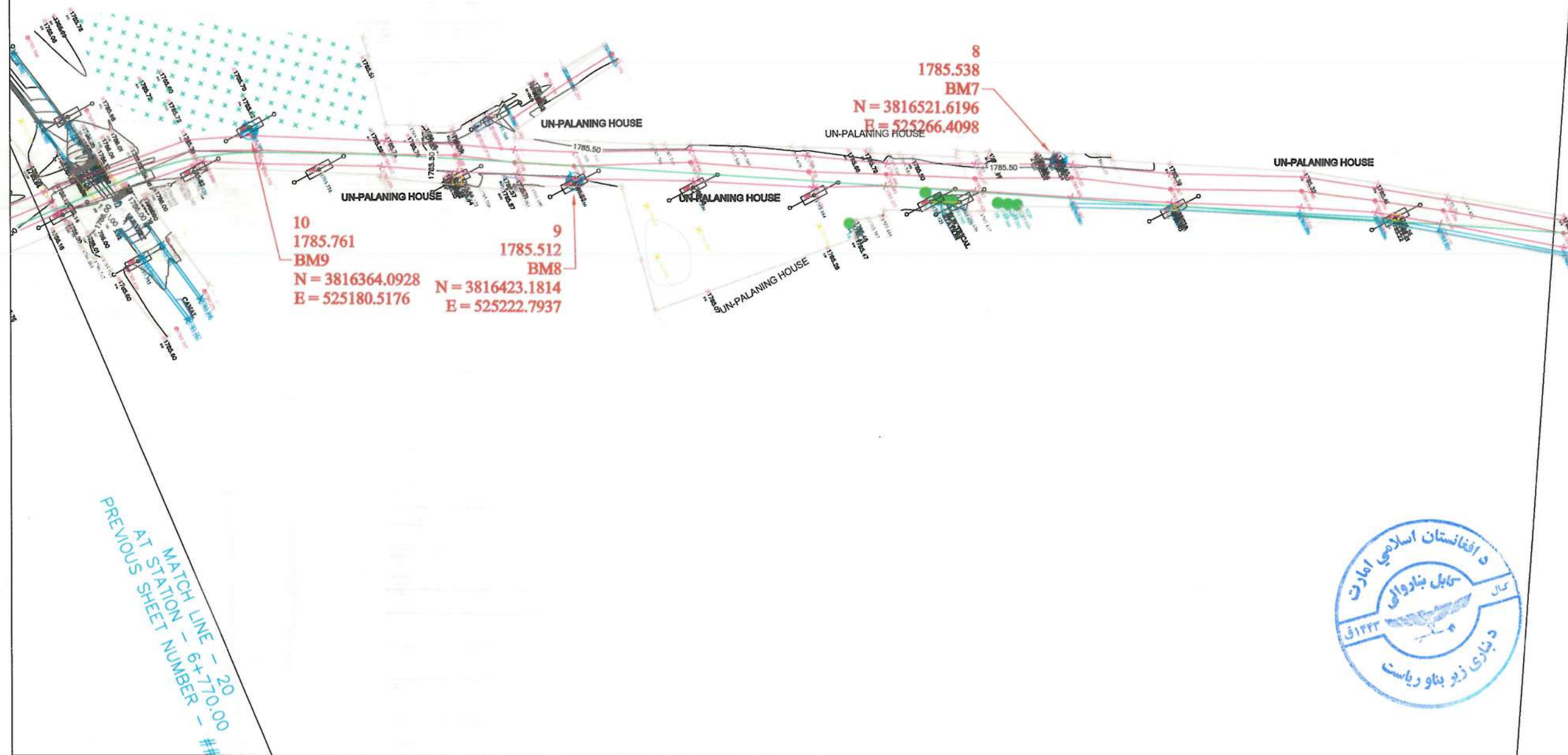
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STATUS:
SURVEY

PROJECT CODE:

SHEET	PAGE NO	REVISION
TS-20 OF 23	23 OF 115	01



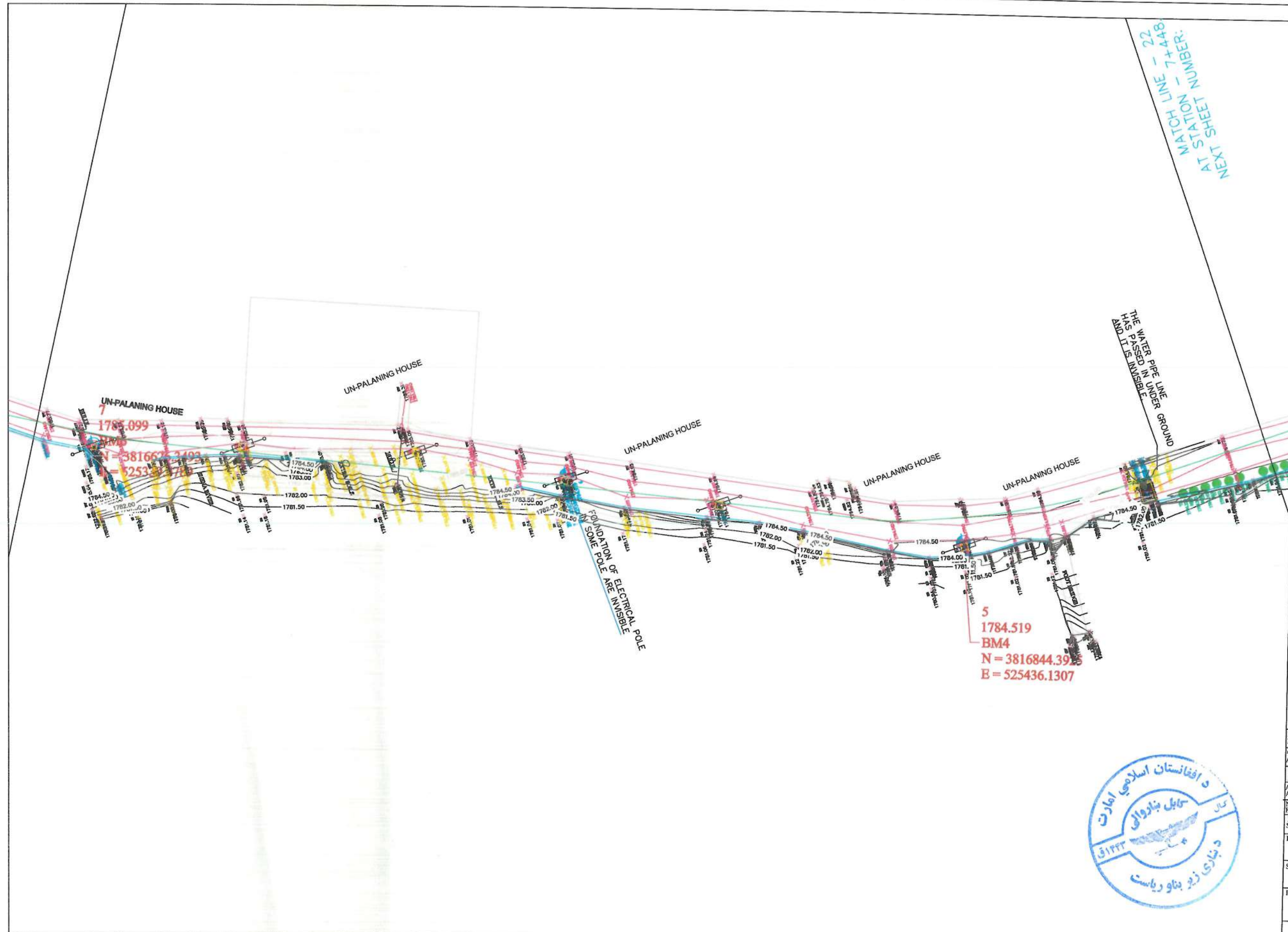


NOTE:
1. ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE INDICATED

LEGEND			
No.	CODE	DETAIL	FIGURE
1	BL	Building	
2	RE	Road Edge	
3	BW	Boundary Wall	
4	MSQ	Mosque	
5	TD	Top Drainage	
6	BD	Bottom Drainage	
7	CL	Center Line	
8	CLC	Concrete Street Center Line	
9	F	Fence	
10	CU	Culvert	
11	TCN	Top Canal	
12	BCN	Bottom Canal	
13	WN	Water Main	
14	STA	Station	
15	ELINE	Electric Pipe Line	
16	BT	Bottom Terrace	
17	CN	Canal	
18	RP	Road Pav	
19	MD	Median	
20	BAK	Bakery	
21	SH	Shop	
22	BR	Bridge	
23	TW	T-Wall	
24	TP	Topographical Point	
25	HP	Hand Pump	
26	LEP	Light Electric Pole	
27	SM	Septic Manhole	
28	TM	Telephone Manhole	
29	EB	Electric Box	
30	DOOR	Door	
31	SEP	Steel Electric Pole	
32	CEP	Crossed Electric Pole	
33	WM	Water Main	
34	STN	Station	
35	BM	Benchmark	
36	TR	Tree	
37	BL	Break Line	
38	WPL	WATER PIPE LINE	

DATE	REVISION DETAILS	DRAWN
ISLAMIC EMIRATE OF AFGHANISTAN		
SURVEYED BY: KABUL MUNICIPALITY SURVEY TEAM		
PROJECT NAME: مسوړی توپوگرافي مسوړ شروع از پل پگرامي اتي منطقه نار مسوده به پلي حصار قريه گلپنه		
DRAWING TITLE: مسوړی توپوگرافي مسوړ شروع از پل پگرامي اتي منطقه نار مسوده به پلي حصار قريه گلپنه		
BESMILLAH: MUSTAFA: ABDULLAH AKRAMUDDEEN NAMATULLAH HASEBULLAH AHMAD JAMSHID ABDUL AHMAD NOORAHMAN FARHAD		
HEAD OF SURVEY: SAYED ATIQ		
DATE:	SCALE:	
STATUS: SURVEY		
PROJECT CODE:		
SHEET TS-21 OF 23	PAGE NO 24 OF 115	REVISION 01





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

No	CODE	DETAIL	FIGURE
1	BL	Building	
2	RE	Road Edge	
3	BW	Boundary Wall	
4	MSQ	Mosque	
5	TD	Top Drainage	
6	BD	Bottom Drainage	
7	CL	Center Line	
8	CLC	Concrete Street	
9	F	Fence	
10	CU	Culvert	
11	TCN	Top Canal	
12	BCN	Bottom Canal	
13	MN	Water Manhole	
14	STA	Star	
15	ELINE	Electric Pole Line	
16	BTER	Bottom Terrace	
17	CN	Canal	
18	RP	Road Pav	
19	MD	Median	
20	BAK	Bakery	
21	SH	Shop	
22	BR	Bridge	
23	TW	T - Wall	
24	TP	Topographical Point	
25	HP	Hand Pump	
26	LEP	Light Electric Pole	
27	SM	Septic Manhole	
28	TM	Telephone Manhole	
29	EB	Electric Box	
30	DOOR	Door	
31	SEP	Steel Electric Pole	
32	CEP	Concrete Electric Pole	
33	WM	Water Manhole	
34	STN/STA	Station	
35	BM	Benchmark	
36	TR	Tree	
37	Break	Line	
38	WPL	WATER PIPE LINE	

DATE	REVISION DETAILS	DRAWN

ISLAMIC EMIRATE OF AFGHANISTAN

SURVEYED BY: KABUL MUNICIPALITY SURVEY TEAM

PROJECT NAME:
مسوړی توپوگرافي مسوړ شروع از پل
بگرامي ښار ښارمنځ ته پلي ښار
څو ښارمنځ ته پلي ښار

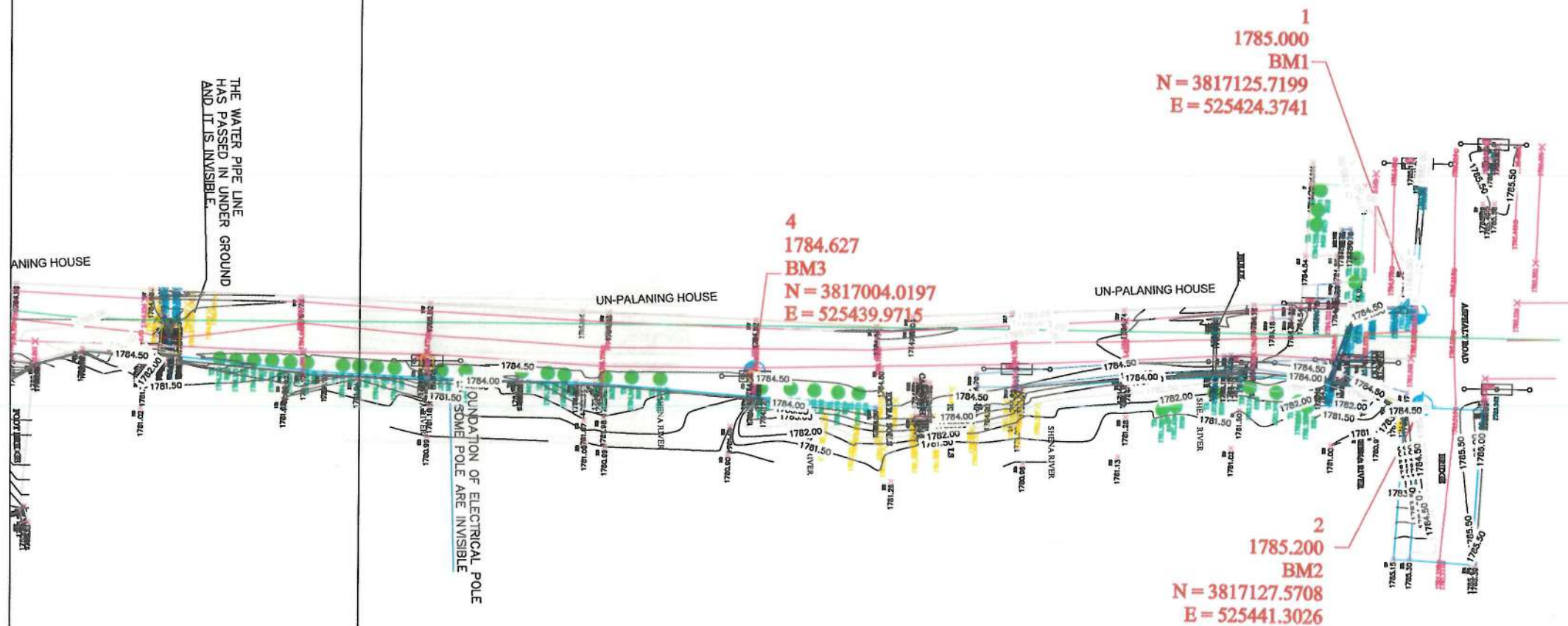
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مسوړی توپوگرافي مسوړ شروع از پل
بگرامي ښار ښارمنځ ته پلي ښار
څو ښارمنځ ته پلي ښار

BESMILLAH:	
MUSTAFA:	
ABDULLAH:	
AKRAMUDDEEN:	
NAMATULLAH:	
HASEBULLAH:	
AHMAD JAMSHID:	
ABDUL AHMAD:	
NOORAHMAN:	
FARHAD:	
HEAD OF SURVEY:	
SAYED ATIQ:	
DATE:	SCALE:

STATUS: SURVEY

PROJECT CODE:

SHEET	PAGE NO	REVISION
TS-22 OF 23	25 OF 115	01



MATCH LINE - 22
AT STATION - 7+448.00
PREVIOUS SHEET NUMBER - ###

NOTE:

1. ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE INDICATED

No	CODE	DETAIL	FIGURE
1	BL	Building	
2	RE	Road Edge	
3	BW	Boundary Wall	
4	MSQ	Mosque	
5	TD	Top Drainage	
6	BD	Bottom Drainage	
7	CL	Center Line	
8	CLC	Concrete Street	
9	F	Fence	
10	CU	Culvert	
11	TCN	Top Canal	
12	BCN	Bottom Canal	
13	MN	Water Manhole	
14	STA	Star	
15	ELINE	Electric Pipe Line	
16	BTER	Burhan Terrace	
17	CN	Canal	
18	RP	Road Pin	
19	MD	Median	
20	BAK	Bakery	
21	SH	Shop	
22	BR	Bridge	
23	TW	T-Wall	
24	TP	Topographical Point	
25	HP	Head Pump	
26	LHP	Light Electric Pole	
27	SM	Septic Manhole	
28	TM	Telephone Manhole	
29	EB	Electric Box	
30	DOOR	Door	
31	SEP	Steel Electric Pole	
32	CEP	Concrete Electric Pole	
33	WM	Water Manhole	
34	STN	Station	
35	BM	Benchmark	
36	TR	Tree	
37	BL	Break Line	
38	WPL	WATER PIPE LINE	

DATE: REVISION DETAILS: DRAWN:

ISLAMIC EMIRATE OF
AFGHANISTAN

SURVEYED BY: KABUL MUNICIPALITY
SURVEY TEAM

PROJECT NAME:
سروی توپوگرافی مسود شروع از پل
پگراسی فی منطقه نارسیده به بنی حصار
قریه گلیسه

DRAWING TITLE:
سروی توپوگرافی مسود شروع از پل
پگراسی فی منطقه نارسیده به بنی حصار
قریه گلیسه

BESMILLAH:
MUSTAFA:
ABDULLAH
AKRAMUDDEEN
NAMATULLAH
HASEBULLAH
AHMAD JAMSHID
ABDUL AHMAD
NOORAHMAN
FARHAD

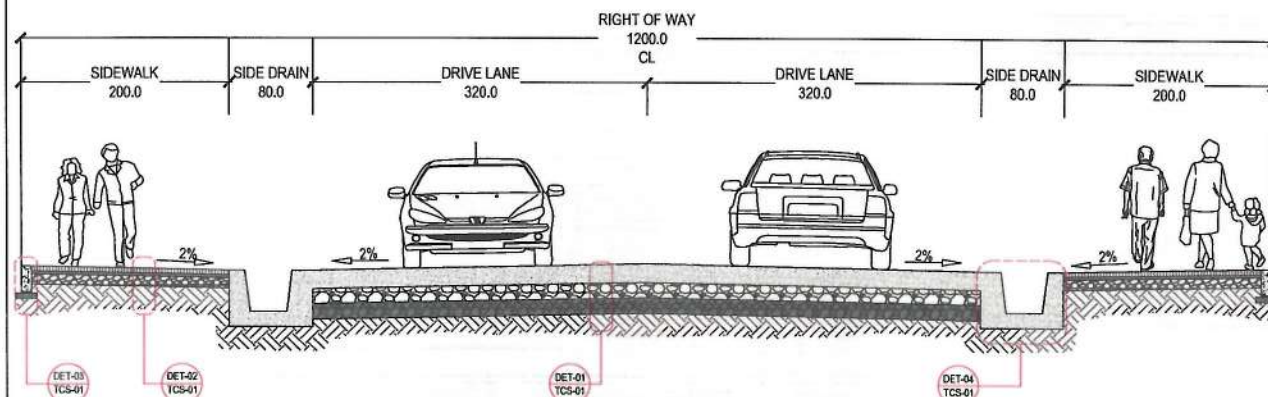
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SAYED ATIQ:
DATE: SCALE:

STATUS: SURVEY

PROJECT CODE:

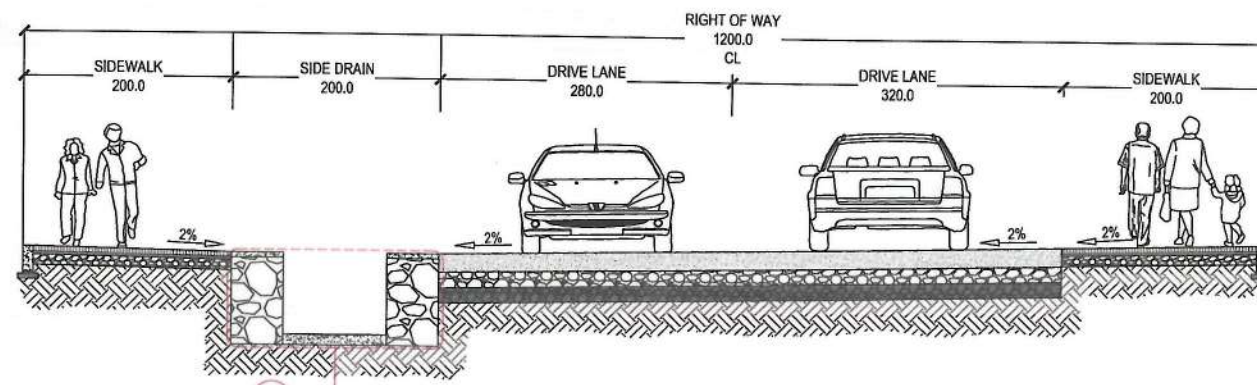
SHEET: 26 OF 115
PAGE NO: 01
REVISION:





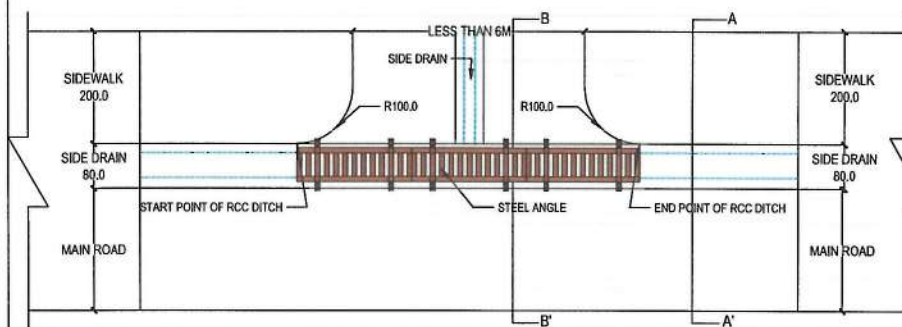
01 ROADWAY TYPICAL CROSS SECTION FROM STATION 0+000 TO 2+411 & 2+533 TO 7+500

REFER TO DRAIN SECTION

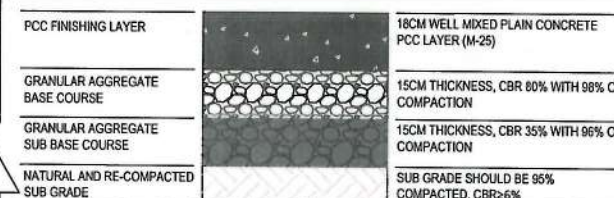


02 ROADWAY TYPICAL CROSS SECTION FROM STATION 2+411 TO 2+533

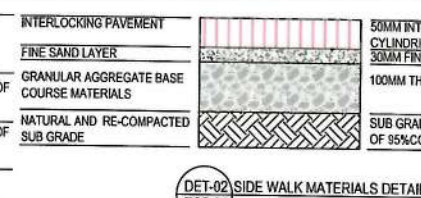
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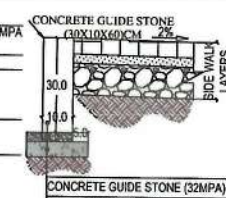
LINK ROADS TYPICAL SECTION



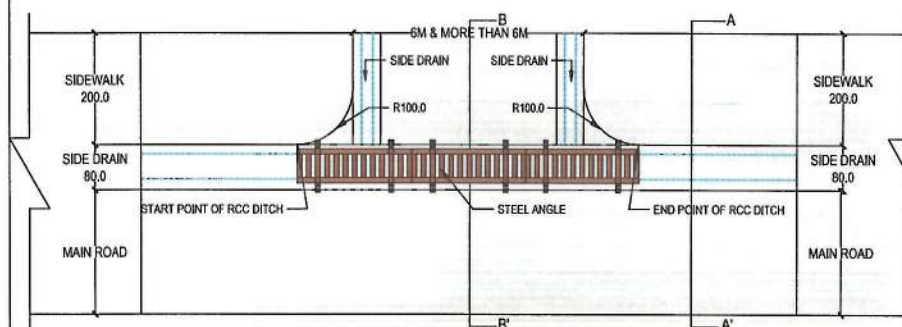
DET-01 ROADWAY MATERIALS DETAIL



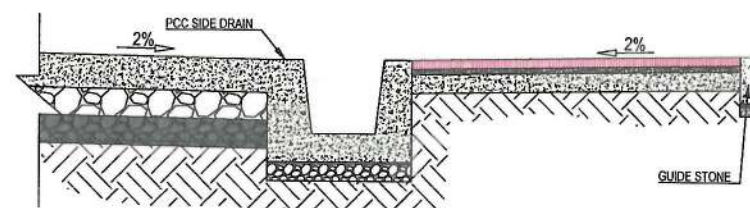
DET-02 SIDE WALK MATERIALS DETAIL



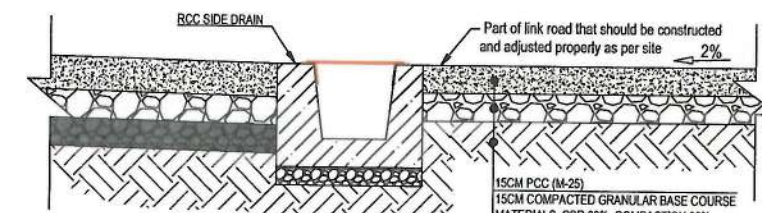
DET-03 GUIDE STONE DETAIL



LINK ROADS TYPICAL SECTION



SECTION A-A'



SECTION B-B'



TYPE D PCC DRAIN FOR LINK ROADS

NOTE: THE MINIMUM CBR FOR SUB GRADE HAS BEEN 20% IN 100% TECHNICAL SPECIFICATION FOR URBAN STREETS, BUT AS PER THE PAYMENT DESIGN THE REQUIRED CBR OF 35% SHOULD BE APPLIED TO SUB GRADE LAYER.

- NOTE:
1. All dimensions are in Centimeters unless otherwise indicated.
 2. All the link roads should be connected and adjusted properly to the new designed road as per site.
 3. As per the topographic survey the side ditches of the link roads should be properly connected to the side drains.
 4. For all those link roads which have less than 6M width should have one side ditch.
 5. For all those link roads which have 6M and more than 6M width should have Two Side Ditch.

تشریح: به هدایت تمامی سفلات شاروالی، کابل مزین به خطوط پهنه روها و ورودی بانه ها بشمول شادو سترکچر ها در قسمت پهنه رو ها به دوش ملکیان خانه های مسکونی و زمین های اطراف مرکب میباشند.



Date	Revision	Details	Drawn	Chkd.	Appr.

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
TYPICAL CROSS SECTIONS

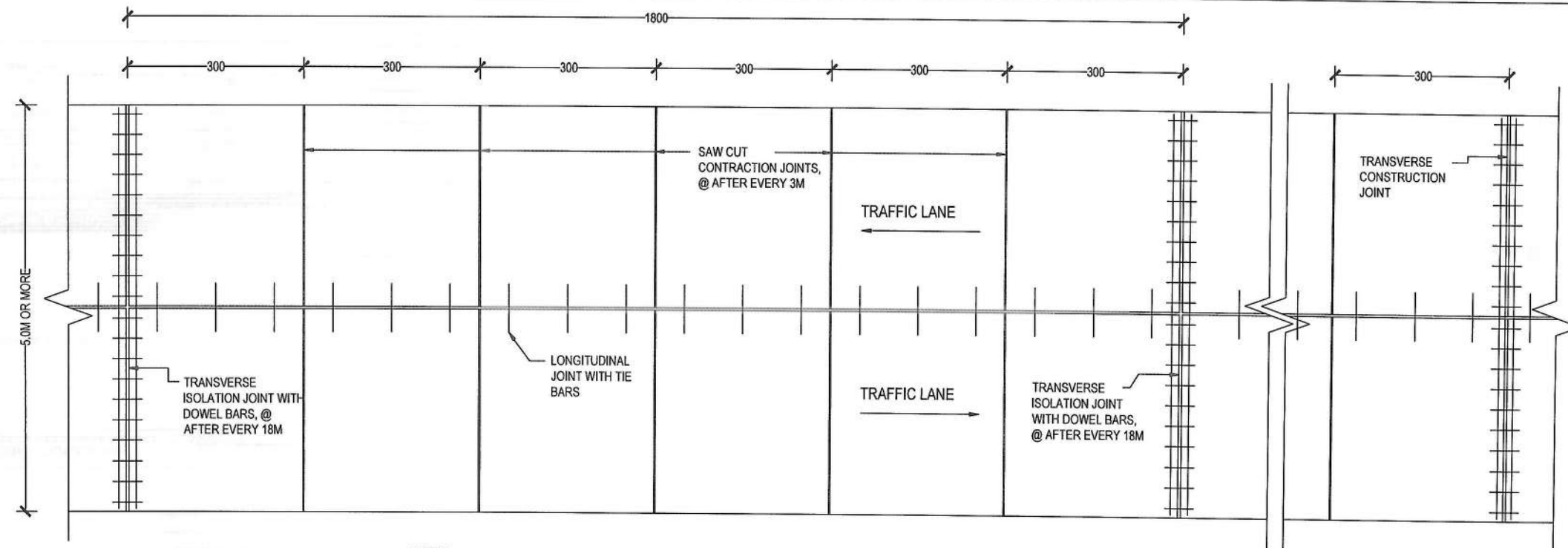
Drawn:	Signature:
Designed:	Signature:
Matullah Hussainzai	
Matullah Hussainzai & Obaidullah Raziqi	
Checked:	Signature:
Hazratullah Shalizi	

Date:
11/08/1445

Status:
FINAL DESIGN

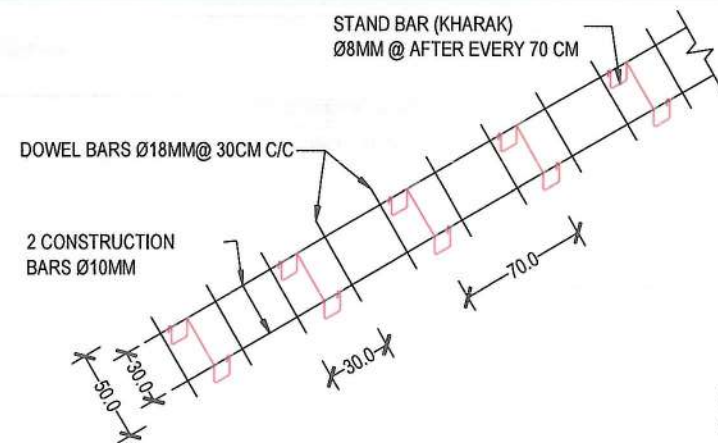
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SHEET	PAGE NO	REVISION
TCS-01 OF 01	27 OF 115	01

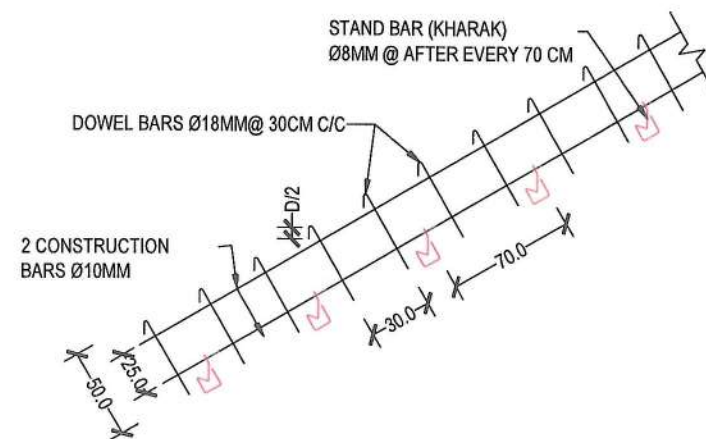


- NOTE:
- 1) JOINTS PLAN VIEW FOR THE PCC PAVEMENTS THAT HAVE 5.0M OR MORE TRANSVERSE WIDTH, AND TRANSFER W18 (18 Kips) LOADED IN ONE LANE TWO DIRECTION.
 - 2) ALL THE LINK ROADS WHICH HAVE 5.0M OR MORE WIDTH ONLY LONGITUDINAL JOINTS SHALL BE PROVIDED, AND NO JOINTS ARE REQUIRED FOR THE LINK ROADS WITH LESS THAN 5.0M WIDTH.

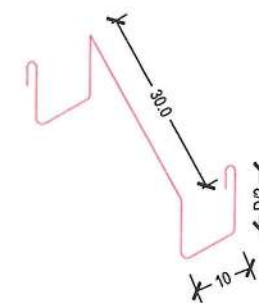
01 ROAD PLAN VIEW



02 ISOLATION JOINT REINFORCEMENT



03 CONSTRUCTION JOINT REINFORCEMENT



04 ISOLATION JOINT STAND DETAIL



05 CONSTRUCTION JOINT STAND DETAIL

- NOTE:
- 1) FOR MORE DETAILS PLEASE SEE PCC PAVEMENT JOINTS SECTION DETAILS.
 - 2) TRANSVERSE JOINTS LENGTH MUST BE ACCORDING TO PAVEMENT CROSS WIDTH.
 - 3) REMOVE WOODEN PANEL, ONE SIDE CONSTRUCTION BAR AND STAND (KHARAK) FROM CONSTRUCTION JOINT.
 - 4) ALL UNITS ARE IN CM.



Rev.	Date	Revision Details	Drawn	Chkd	Appd

ISLAMIC EMIRATE OF AFGHANISTAN

KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
JOINT DETAIL

Drawn: Matinullah Hussainzai
Designed: Matinullah Hussainzai
Checked: Hasibullah Shalizi

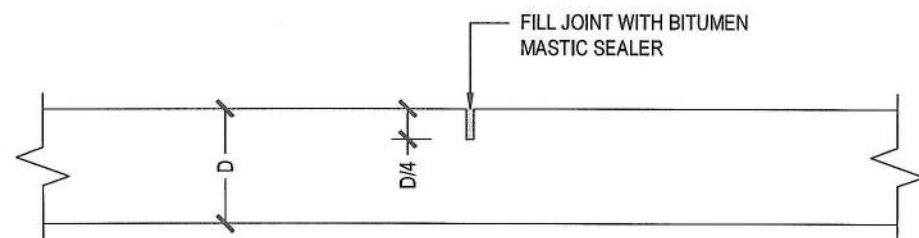
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Date: 11/08/1445
Scale:

Status: FINAL DESIGN

Project Code:

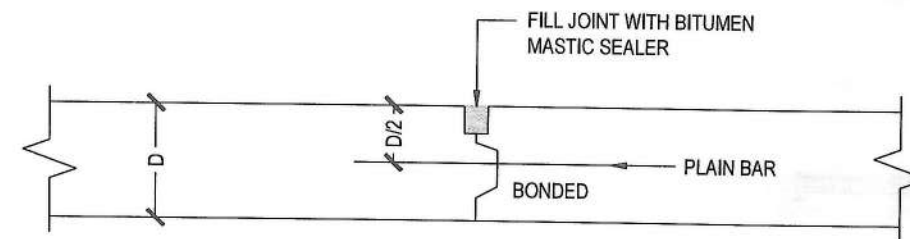
SHEET	PAGE NO	REVISION
JD-01 OF 02	28 OF 115	01



06 TRANSVERSE CONTRACTION JOINT DETAIL

NOTE:

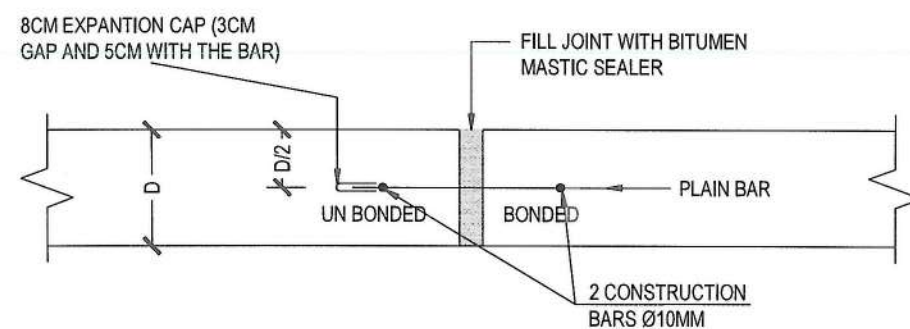
- 1) FORM JOINTS BY SAW CUTTING
- 2) SPACING OF CONTRACTION JOINTS @ AFTER EVERY 3 METER
- 3) FILL JOINTS WITH BITUMEN MASTIC SEALER TO PREVENT WATER PENETRATION IN TO PAVEMENTS
- 4) JOINT WIDTH = 0.5-1.0 CM



07 TRANSVERSE EXPANSION CONSTRUCTION JOINT DETAIL

NOTE:

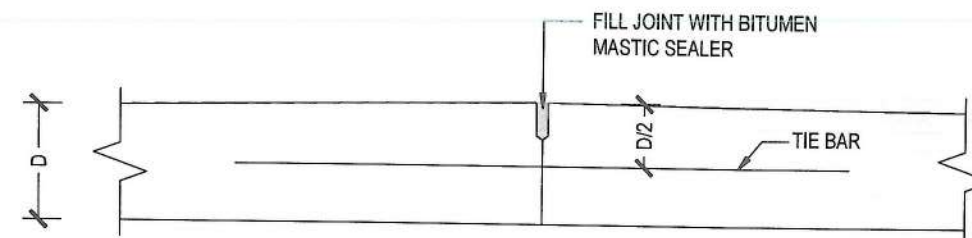
- 1) FORM JOINT WITH WOODEN PANEL, AND REMOVED IT AFTER JOINT FORMED.
- 2) USE DOWEL BARS Ø18MM, @30CM C/C & 50 CM LONG
- 3) PROVIDE CONSTRUCTION JOINT @ THE END OF EVERY DAILY WORK AND WHEN THE WORK STOP FOR ONE HOUR OR MORE BECAUSE OF SOME REASONS.
- 4) FILL JOINTS WITH BITUMEN MASTIC SEALER TO PREVENT WATER PENETRATION IN TO PAVEMENTS.
- 5) JOINT WIDTH = 2.0CM-2.5CM



08 TRANSVERSE EXPANSION ISOLATION JOINT DETAIL

NOTE:

- 1) FORM JOINT WITH POLYSTYRENE PANEL, AND REMOVED IT AFTER JOINT FORMED.
- 2) USE DOWEL BARS Ø18MM, @30CM C/C & 50 CM LONG
- 3) SPACING MUST BE ACCORDING TO RELATED JOINTS PLAN VIEW.
- 4) FILL JOINTS WITH BITUMEN MASTIC SEALER TO PREVENT WATER PENETRATION IN TO PAVEMENTS.
- 5) JOINT WIDTH = 2.0CM-2.5CM
- 6) FROM THE MIDDLE POINT OF DOWEL BAR ONE SIDE SHOULD BE BONDED WITH PCC, BUT THE ANOTHER ONE SHOULD BE COATED WITH GREASE & WRAPPED WITH PLASTIC TO MAKE UN BONDED WITH PCC,



09 LONGITUDINAL EXPANSION JOINT DETAIL

NOTE:

- 1) FORM JOINT WITH SAW CUTTING.
- 2) USE TIE BARS Ø12MM, @76CM C/C & 60 CM LONG
- 3) PROVIDE LONGITUDINAL JOINT @ THE MID POINT (CROWN) OF CROSS SECTION.
- 4) FILL JOINTS WITH BITUMEN MASTIC SEALER TO PREVENT WATER PENETRATION IN TO PAVEMENTS.
- 5) JOINT WIDTH = 0.5CM-1.0CM

NOTE:

1. All dimensions are in meters unless otherwise indicated.



Rev.	Date	Revision Details	Drawn	Chkd	Appd

ISLAMIC EMIRATE OF
AFGHANISTAN

KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Construction of road from Bagrani bridge
to near of the Bene Hesar

Drawing Title:
JOINT DETAIL

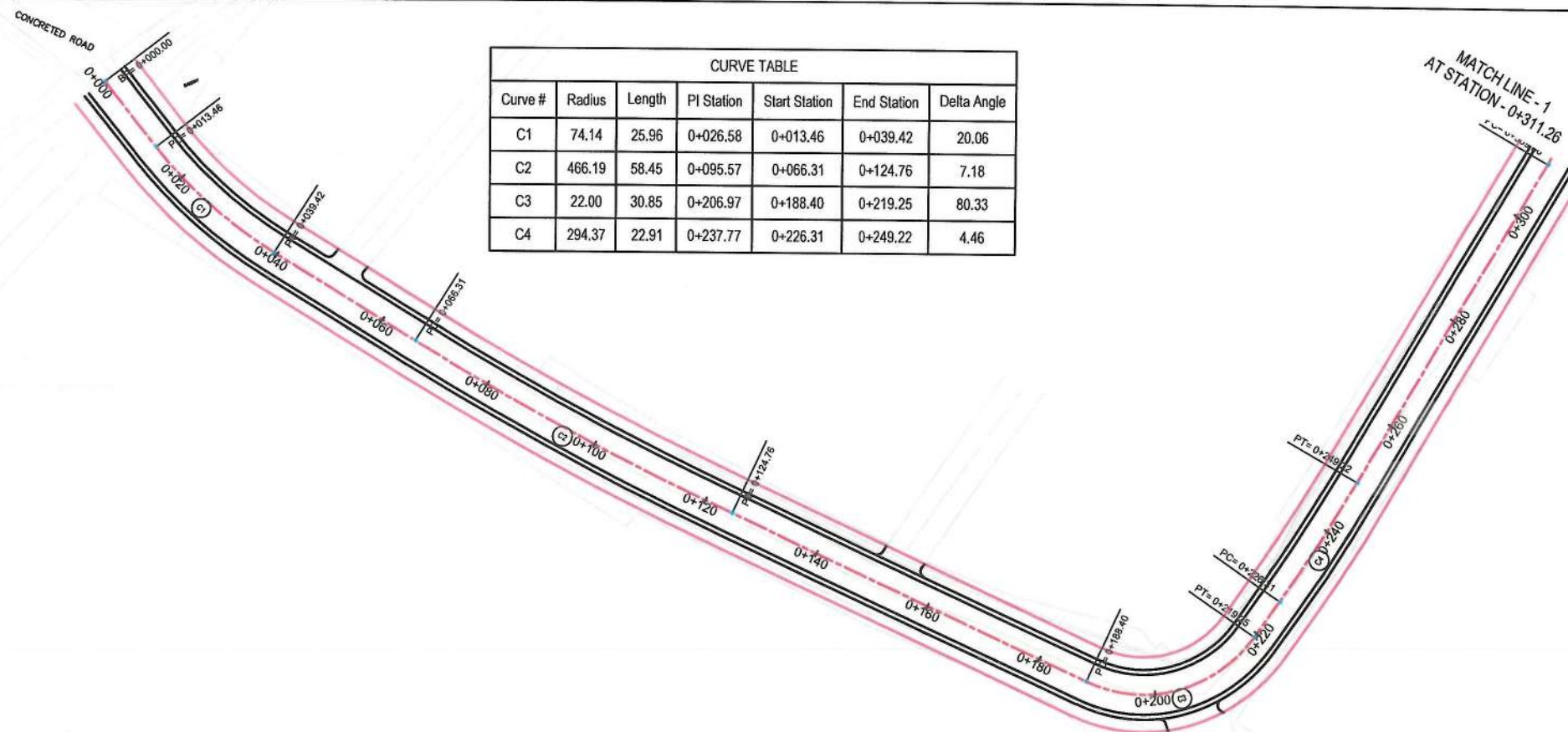
Drawn:	Signature:
Designed:	Signature:
Checked:	Signature:
Hasbullah Shatizi	

Date: 11/08/1445 Scale:

Status: FINAL
DESIGN

Project Code:

SHEET	PAGE NO	REVISION
JD-02 OF 02	29 OF 115	01



CURVE TABLE						
Curve #	Radius	Length	PI Station	Start Station	End Station	Delta Angle
C1	74.14	25.96	0+026.58	0+013.46	0+039.42	20.06
C2	466.19	58.45	0+095.57	0+066.31	0+124.76	7.18
C3	22.00	30.85	0+206.97	0+188.40	0+219.25	80.33
C4	294.37	22.91	0+237.77	0+226.31	0+249.22	4.46



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

LEGEND
1. ROW
2. PROPOSED CENTER LINE



PROFILE



STATION	0+000	0+020	0+040	0+060	0+080	0+100	0+120	0+140	0+160	0+180	0+200	0+220	0+240	0+260	0+280
EXISTING ELEVATION	1789.58	1789.75	1789.38	1789.36	1789.33	1789.15	1789.13	1789.11	1789.08	1789.18	1789.28	1789.16	1789.05	1789.94	1789.88
FINISHED ELEVATION	1789.58	1789.54	1789.46	1789.42	1789.40	1789.38	1789.34	1789.28	1789.22	1789.17	1789.13	1789.08	1789.04	1789.89	1789.56
HORIZONTAL GEOMETRY	L=13.46		Lc=25.96 R=74.14		L=26.89		Lc=58.45 R=466.19		L=63.64		Lc=30.85 R=22.00		Lc=22.91 R=294.37		L=60.64
VERTICAL GEOMETRY	G=-0.23% L=480.00														

Date	Revision	Details	Drawn	Chkd.	Appr.

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
PLAN & PROFILE

Drawn: Matushah Hussamzai
Designed: Matushah Hussamzai
Checked: Hashullah Shalizi

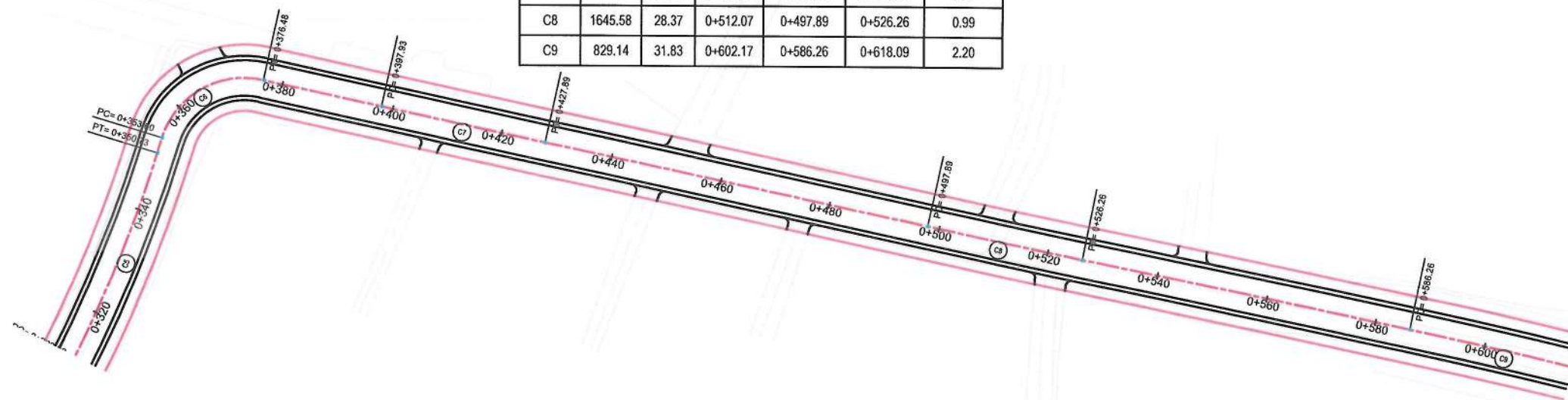
Date: 11/08/1445 Scale: 1:1000

Status: FINAL DESIGN

Project Code:

SHEET: P&P-01 OF 25
PAGE NO: 30 OF 115
REVISION: 01

CURVE TABLE						
Curve #	Radius	Length	PI Station	Start Station	End Station	Delta Angle
C5	239.62	40.87	0+330.34	0+309.86	0+350.73	9.77
C6	15.37	22.88	0+367.75	0+353.60	0+376.48	85.26
C7	3667.02	29.96	0+412.91	0+397.93	0+427.89	0.47
C8	1645.58	28.37	0+512.07	0+497.89	0+526.26	0.99
C9	829.14	31.83	0+602.17	0+586.26	0+618.09	2.20



MATCH LINE - 1
AT STATION - 0+311.26

MATCH LINE - 2
AT STATION - 0+616.26

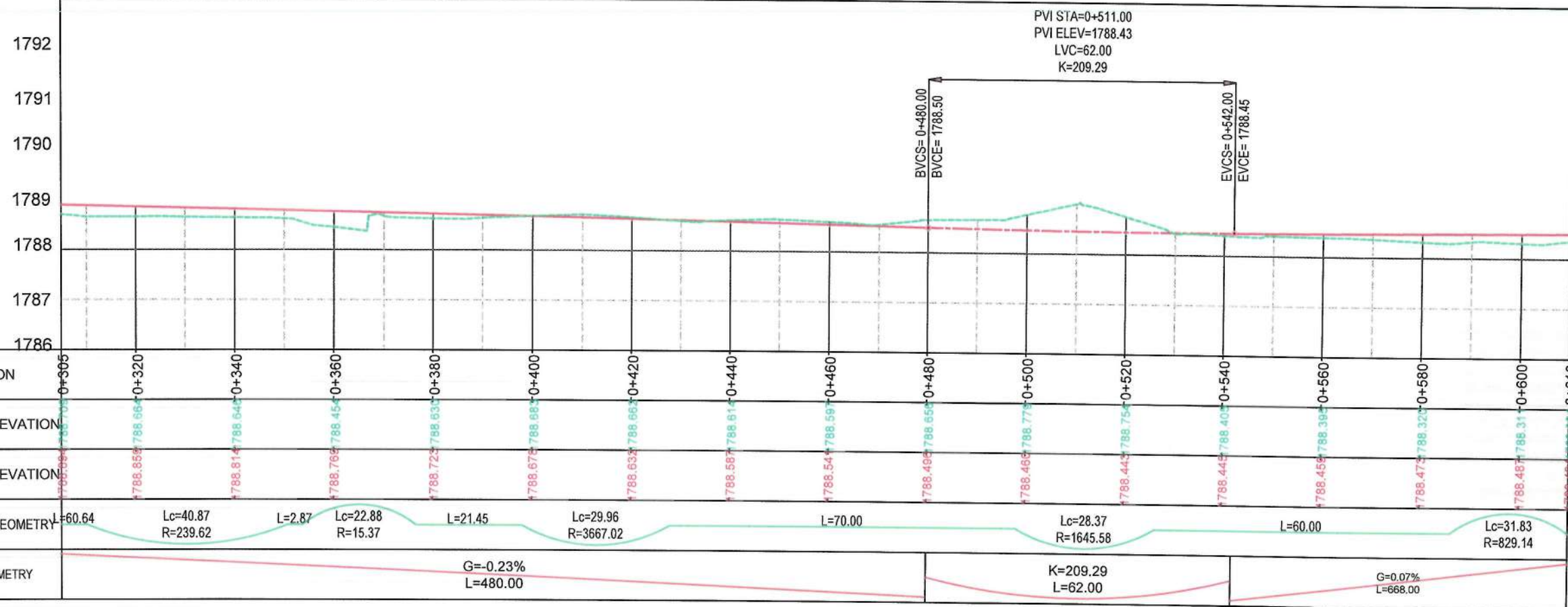


NOTE:
1. All dimensions are in meters unless otherwise indicated.

LEGEND
1. ROW
2. PROPOSED CENTER LINE



PROFILE



STATION	0+300	0+320	0+340	0+360	0+380	0+400	0+420	0+440	0+460	0+480	0+500	0+520	0+540	0+560	0+580	0+600	0+610
EXISTING ELEVATION	1788.55	1788.56	1788.54	1788.45	1788.53	1788.68	1788.66	1788.61	1788.59	1788.49	1788.77	1788.44	1788.40	1788.38	1788.32	1788.31	1788.48
FINISHED ELEVATION	1788.55	1788.56	1788.54	1788.45	1788.53	1788.68	1788.66	1788.61	1788.59	1788.49	1788.77	1788.44	1788.40	1788.38	1788.32	1788.31	1788.48
HORIZONTAL GEOMETRY	L=60.64	Lc=40.87 R=239.62	L=2.87	Lc=22.88 R=15.37	L=21.45	Lc=29.96 R=3667.02	L=70.00	Lc=28.37 R=1645.58	L=60.00	Lc=31.83 R=829.14							
VERTICAL GEOMETRY						G=-0.23% L=480.00				K=209.29 L=62.00				G=0.07% L=668.00			

Date Revision Details Drawn Chkd. Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:

KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:

PLAN & PROFILE

Drawn: Matullah Hussaini
Designed: Matullah Hussaini
Checked: Hasibullah Shalizi

Date: 11/08/1445 Scale: 1:1000

Status: FINAL DESIGN

Project Code:

SHEET: P&P-02 OF 25
PAGE NO: 31 OF 115
REVISION: 01

CURVE TABLE						
Curve #	Radius	Length	PI Station	Start Station	End Station	Delta Angle
C10	191.18	23.10	0+682.77	0+671.20	0+694.31	6.92
C11	253.26	38.13	0+727.23	0+708.12	0+746.26	8.63
C12	48.29	25.77	0+768.97	0+755.77	0+781.54	30.58
C13	15.07	18.56	0+836.92	0+826.26	0+844.82	70.56
C14	29.85	32.99	0+886.17	0+867.76	0+900.75	63.33



MATCH LINE - 3
AT STATION - 0+921.26

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

- LEGEND
- 1. ROW
 - 2. PROPOSED CENTER LINE



Date	Revision	Details	Drawn	Chkd	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
PLAN & PROFILE

Drawn: Matinullah Hussainzai
Designed: Matinullah Hussainzai
Checked: Hashibullah Shalizi

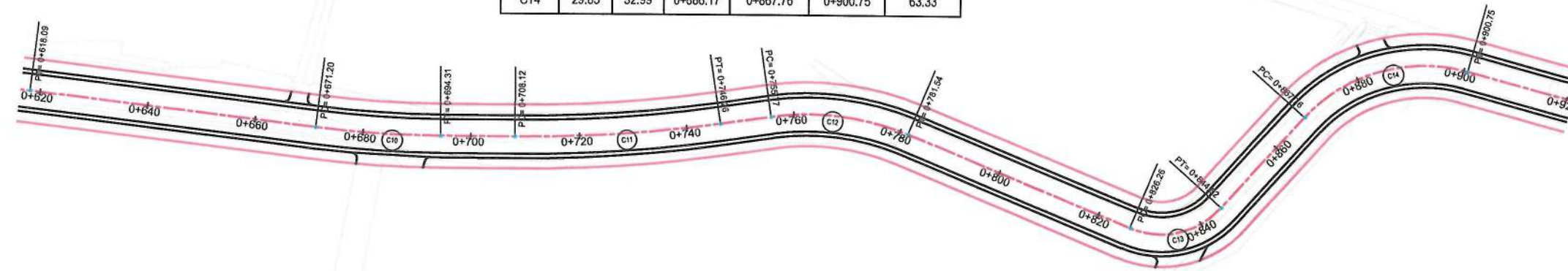
Date: 11/08/1445 Scale: 1:1000

Status: FINAL DESIGN

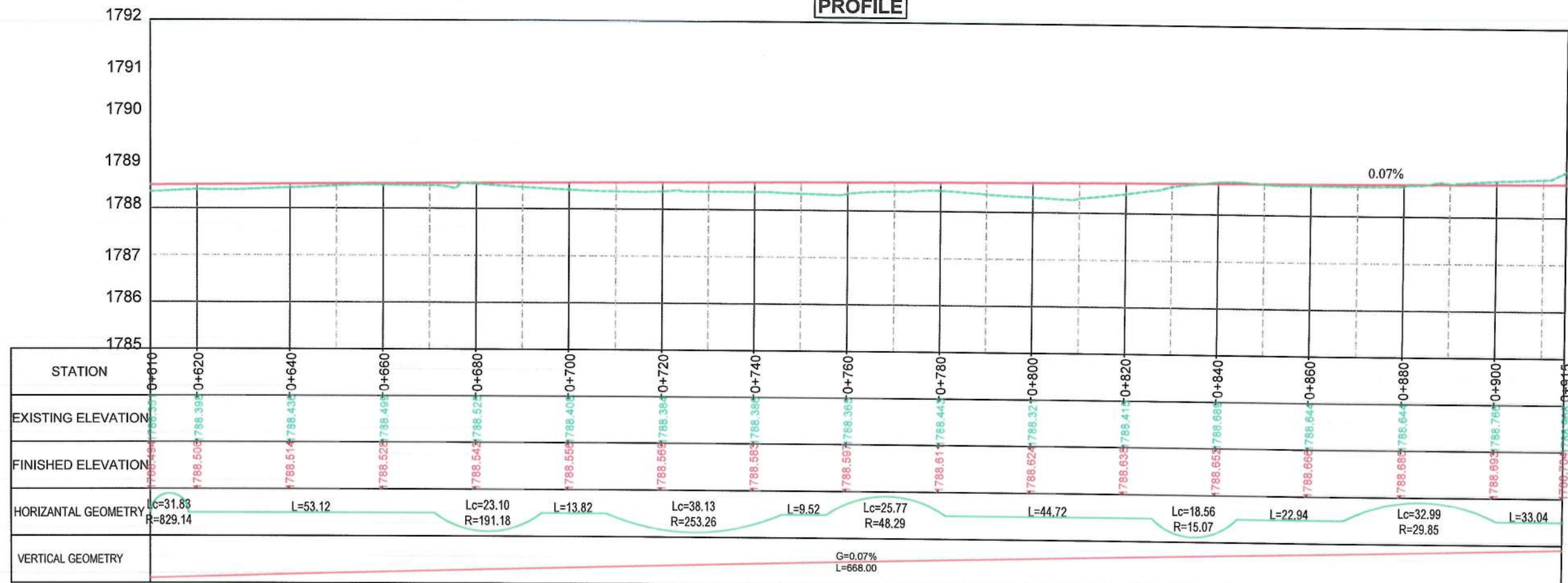
Project Code:

SHEET	PAGE NO	REVISION
P&P-03 OF 25	32 OF 115	01

MATCH LINE - 2
AT STATION - 0+616.26

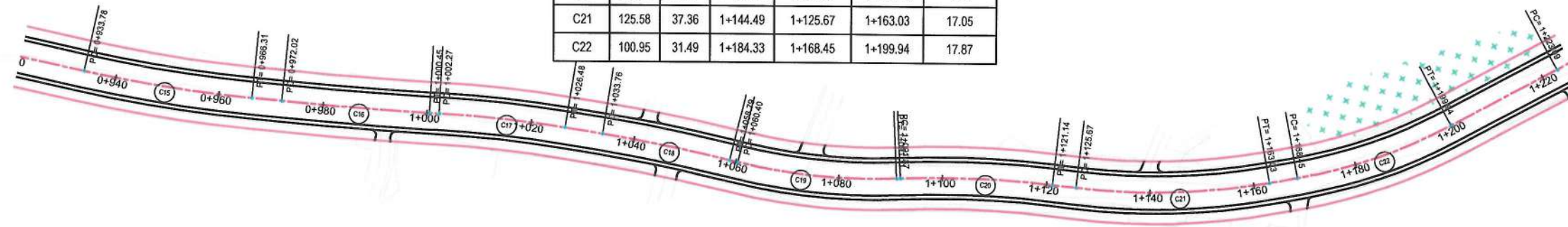


PROFILE



MATCH LINE - 3
AT STATION - 0+921.26

CURVE TABLE						
Curve #	Radius	Length	PI Station	Start Station	End Station	Delta Angle
C15	261.80	32.53	0+950.07	0+933.78	0+966.31	7.12
C16	651.92	28.43	0+986.23	0+972.02	1+000.45	2.50
C17	236.26	24.21	1+014.38	1+002.27	1+026.48	5.87
C18	317.31	25.03	1+046.28	1+033.76	1+058.79	4.52
C19	108.58	30.71	1+075.86	1+060.40	1+091.11	16.21
C20	187.39	29.27	1+106.53	1+091.87	1+121.14	8.95
C21	125.58	37.36	1+144.49	1+125.67	1+163.03	17.05
C22	100.95	31.49	1+184.33	1+168.45	1+199.94	17.87

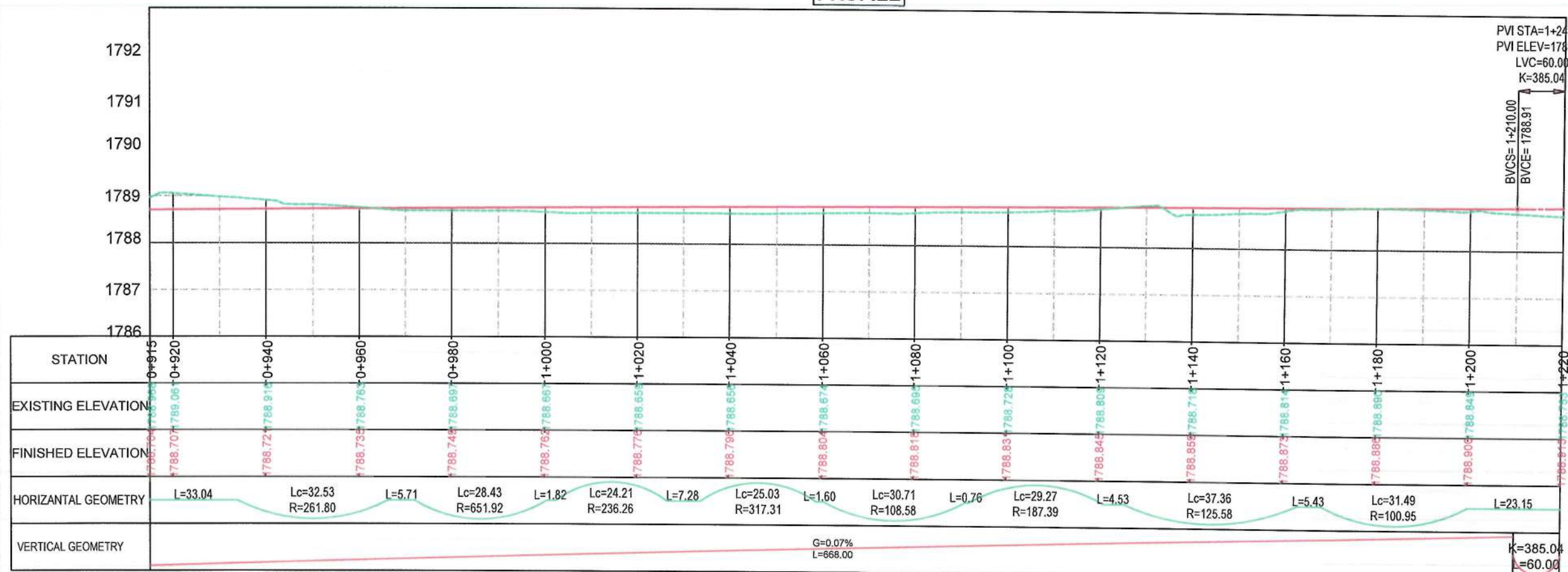


NOTE:
1. All dimensions are in meters unless otherwise indicated.

- LEGEND
1. ROW
 2. PROPOSED CENTER LINE




PROFILE



Date Revision Details Drawn Chkd. Appr

ISLAMIC EMIRATE OF
AFGHANISTAN

Designed By:
 KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge
to near of the Bene Hesar

Drawing Title:
PLAN & PROFILE

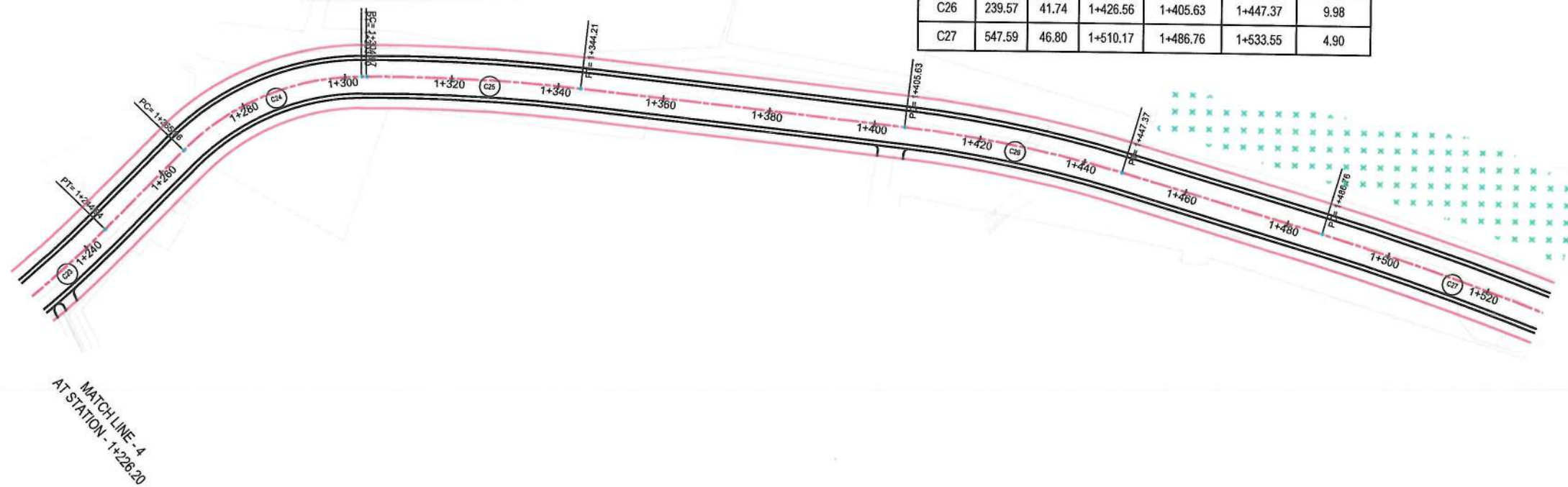
Drawn: 
Designed: 
Checked: 
Hasibullah Shalizi

Date: 11/08/1445 Scale: 1:1000

Status: FINAL
DESIGN

Project Code

SHEET P&P-04 OF 25 PAGE NO 33 OF 115 REVISION 01



CURVE TABLE						
Curve #	Radius	Length	PI Station	Start Station	End Station	Delta Angle
C23	192.52	21.85	1+234.03	1+223.09	1+244.94	6.50
C24	47.07	37.14	1+285.56	1+265.96	1+303.10	45.21
C25	343.20	40.14	1+324.16	1+304.07	1+344.21	6.70
C26	239.57	41.74	1+426.56	1+405.63	1+447.37	9.98
C27	547.59	46.80	1+510.17	1+486.76	1+533.55	4.90

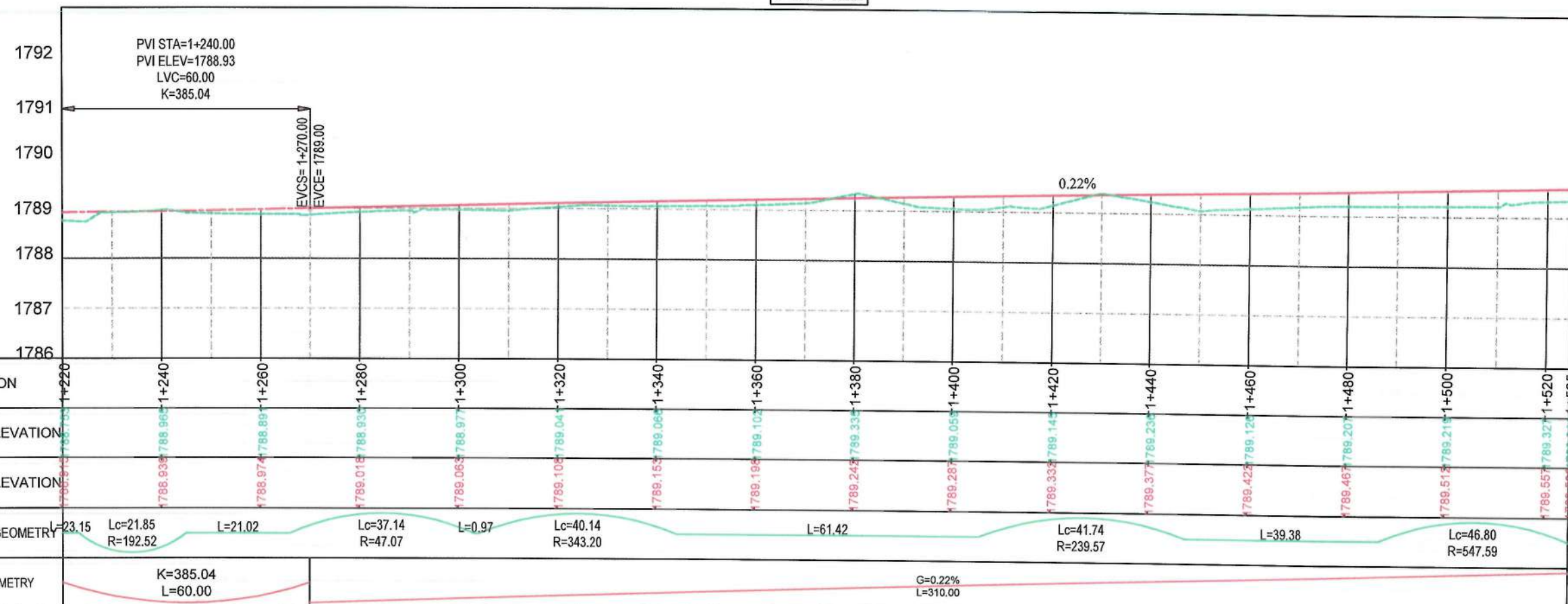
MATCH LINE - 5
AT STATION - 1+531.28

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

- LEGEND
1. ROW
 2. PROPOSED CENTER LINE



PROFILE



Date Revision Details Drawn Chkd. Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:
KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge
to near of the Bene Hesar

Drawing Title:
PLAN & PROFILE

Drawn: Matullah Hussainzai
Designed: Matullah Hussainzai
Checked: Hasibullah Shalizi

Date: 11/08/1445 Scale: 1:1000

Status: FINAL DESIGN

Project Code

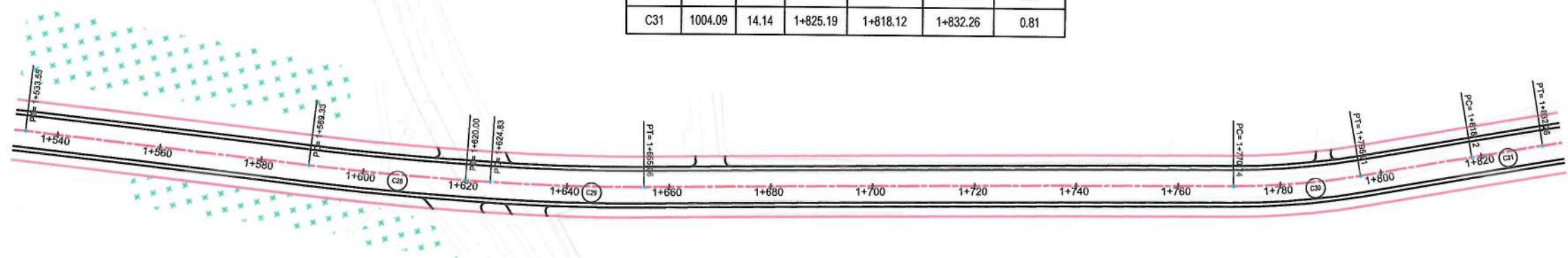
SHEET: P&P-05 OF 25 PAGE NO: 34 OF 115 REVISION: 01

MATCH LT
AT STATION



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

CURVE TABLE						
Curve #	Radius	Length	PI Station	Start Station	End Station	Delta Angle
C28	547.30	30.66	1+604.67	1+589.33	1+620.00	3.21
C29	390.23	30.23	1+639.95	1+624.83	1+655.06	4.44
C30	150.95	25.17	1+783.35	1+770.74	1+795.91	9.55
C31	1004.09	14.14	1+825.19	1+818.12	1+832.26	0.81

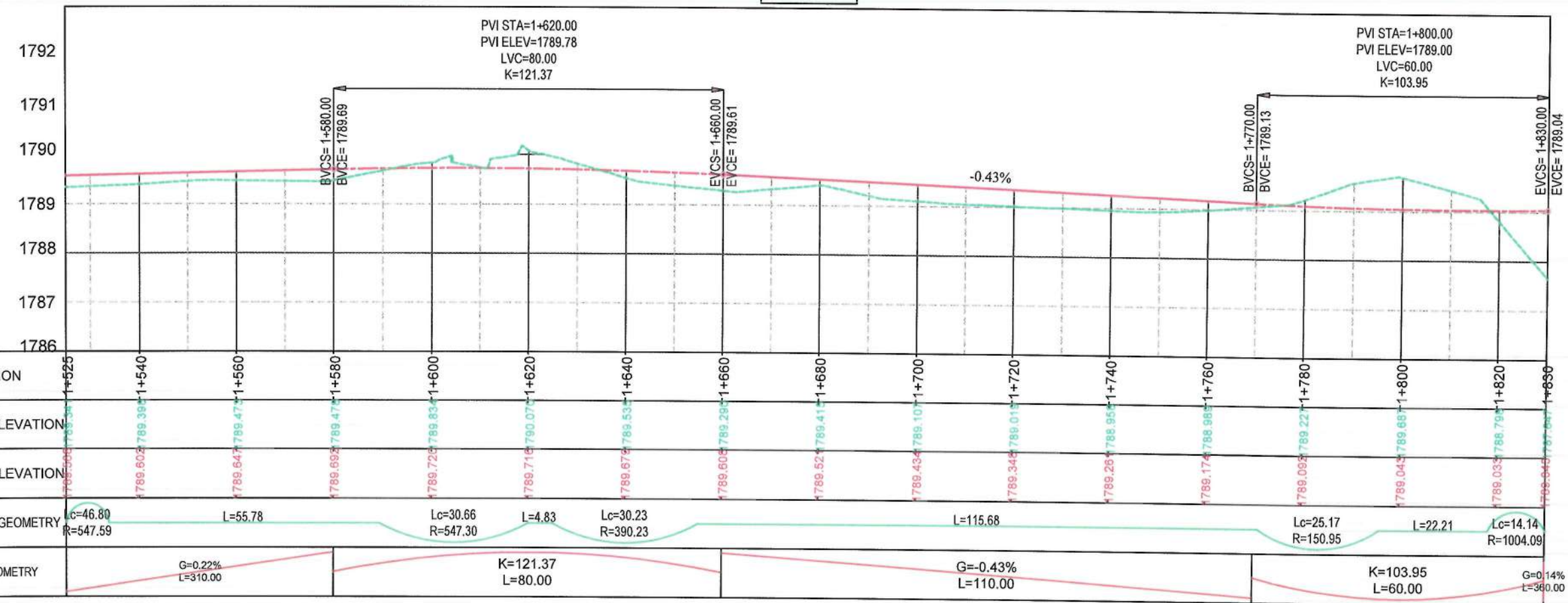


MATCH LINE - 5
AT STATION - 1+531.28

- LEGEND
- 1. ROW
 - 2. PROPOSED CENTER LINE



PROFILE



STATION	1+525	1+540	1+560	1+580	1+600	1+620	1+640	1+660	1+680	1+700	1+720	1+740	1+760	1+780	1+800	1+820	1+830			
EXISTING ELEVATION	1788.00	1789.60	1789.39	1789.47	1789.83	1790.07	1789.53	1789.28	1789.41	1789.10	1789.01	1788.95	1788.98	1789.22	1789.69	1788.79	1788.64			
FINISHED ELEVATION	1788.00	1789.60	1789.39	1789.47	1789.83	1790.07	1789.53	1789.28	1789.41	1789.10	1789.01	1788.95	1788.98	1789.22	1789.69	1788.79	1788.64			
HORIZONTAL GEOMETRY	Lc=46.80 R=547.59		L=55.78			Lc=30.66 R=547.30		L=4.83		Lc=30.23 R=390.23		L=115.68			Lc=25.17 R=150.95		L=22.21		Lc=14.14 R=1004.09	
VERTICAL GEOMETRY	G=0.22% L=310.00				K=121.37 L=80.00				G=-0.43% L=110.00						K=103.95 L=60.00				G=0.14% L=360.00	

Date	Revision	Details	Drawn	Chkd	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By: KABUL MUNICIPALITY DESIGN TEAM

Project Name: Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title: **PLAN & PROFILE**

Drawn: Signature:

Designed: Signature:

Checked: Signature:

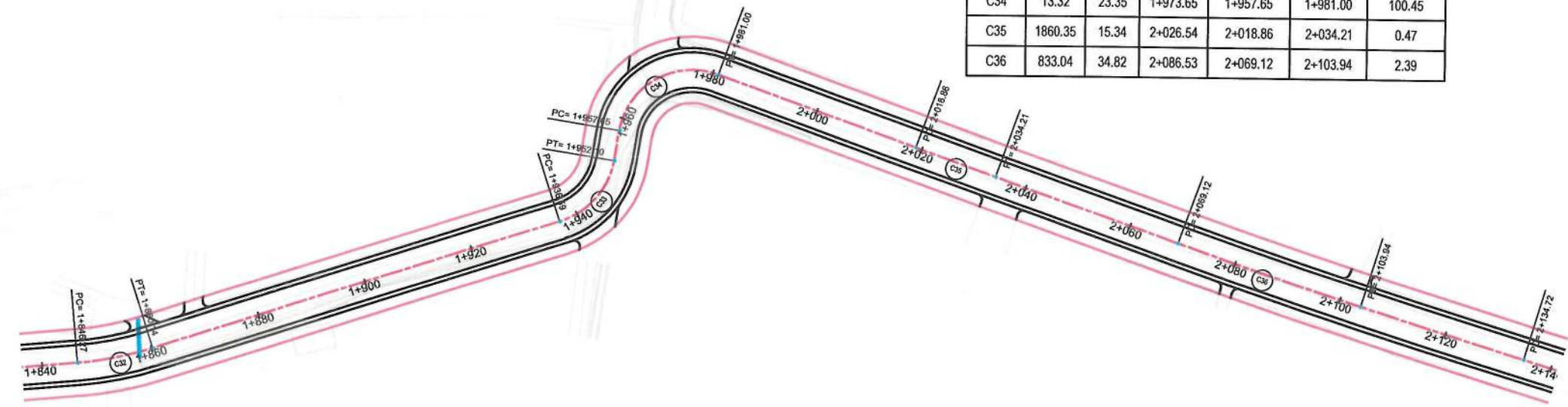
Date: 11/08/1445 Scale: 1:1000

Status: **FINAL DESIGN**

Project Code: **FINAL DESIGN**

SHEET	PAGE NO	REVISION
P&P-06 OF 25	35 OF 115	01

LINE - 6
DN - 1+836.29



CURVE TABLE						
Curve #	Radius	Length	PI Station	Start Station	End Station	Delta Angle
C32	61.35	13.87	1+853.24	1+846.27	1+860.14	12.95
C33	14.12	15.51	1+945.23	1+936.59	1+952.10	62.95
C34	13.32	23.35	1+973.65	1+957.65	1+981.00	100.45
C35	1860.35	15.34	2+026.54	2+018.86	2+034.21	0.47
C36	833.04	34.82	2+086.53	2+069.12	2+103.94	2.39

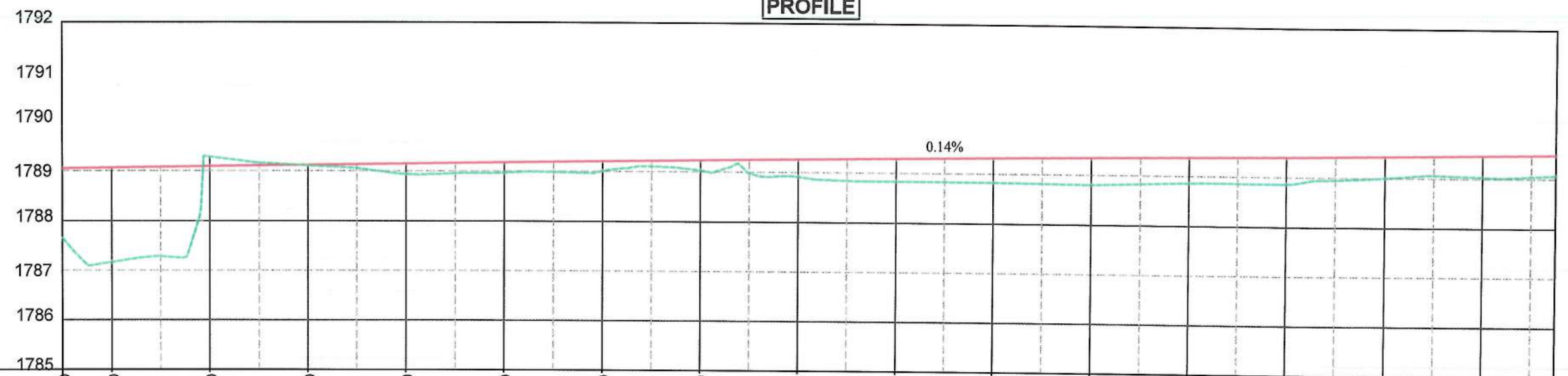
MATCH LINE - 7
AT STATION - 2+141.53

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

- LEGEND
- 1. ROW
 - 2. PROPOSED CENTER LINE



PROFILE



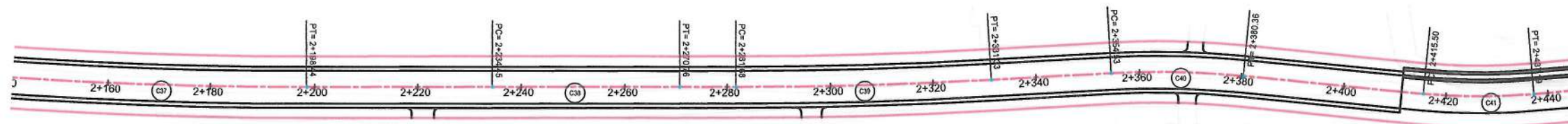
STATION	1+830	1+840	1+860	1+880	1+900	1+920	1+940	1+960	1+980	2+000	2+020	2+040	2+060	2+080	2+100	2+120	2+135							
EXISTING ELEVATION	1786.04	1787.05	1789.08	1789.11	1789.14	1788.97	1789.20	1789.22	1789.25	1789.28	1789.31	1789.34	1789.37	1789.40	1789.42	1789.45	1789.47							
FINISHED ELEVATION	1786.04	1787.05	1789.08	1789.11	1789.14	1788.97	1789.20	1789.22	1789.25	1789.28	1789.31	1789.34	1789.37	1789.40	1789.42	1789.45	1789.47							
HORIZONTAL GEOMETRY	Lc=14.14 R=1004.09		Lc=13.87 R=61.35		L=76.45		Lc=15.51 R=14.12		L=5.55		Lc=23.35 R=13.32		L=37.86		Lc=15.34 R=1860.35		L=34.92		Lc=34.82 R=833.04		L=30.78		Lc=63.73 R=788.72	
VERTICAL GEOMETRY	G=0.14% L=360.00																							

Date	Revision	Details	Drawn	Chkd	Appr
ISLAMIC EMIRATE OF AFGHANISTAN					
Designed By:					
KABUL MUNICIPALITY DESIGN TEAM					
Project Name:					
Construction of road from Bagrami bridge to near of the Bene Hesar					
Drawing Title:					
PLAN & PROFILE					
Drawn:	Signature:				
Designed:	Signature:				
Checked:	Signature:				
Date: 11/08/1445					
Scale: 1:1000					
Status: FINAL DESIGN					
Project Code:					
SHEET	PAGE NO	REVISION			
P&P-07 OF 25	36 OF 115	01			

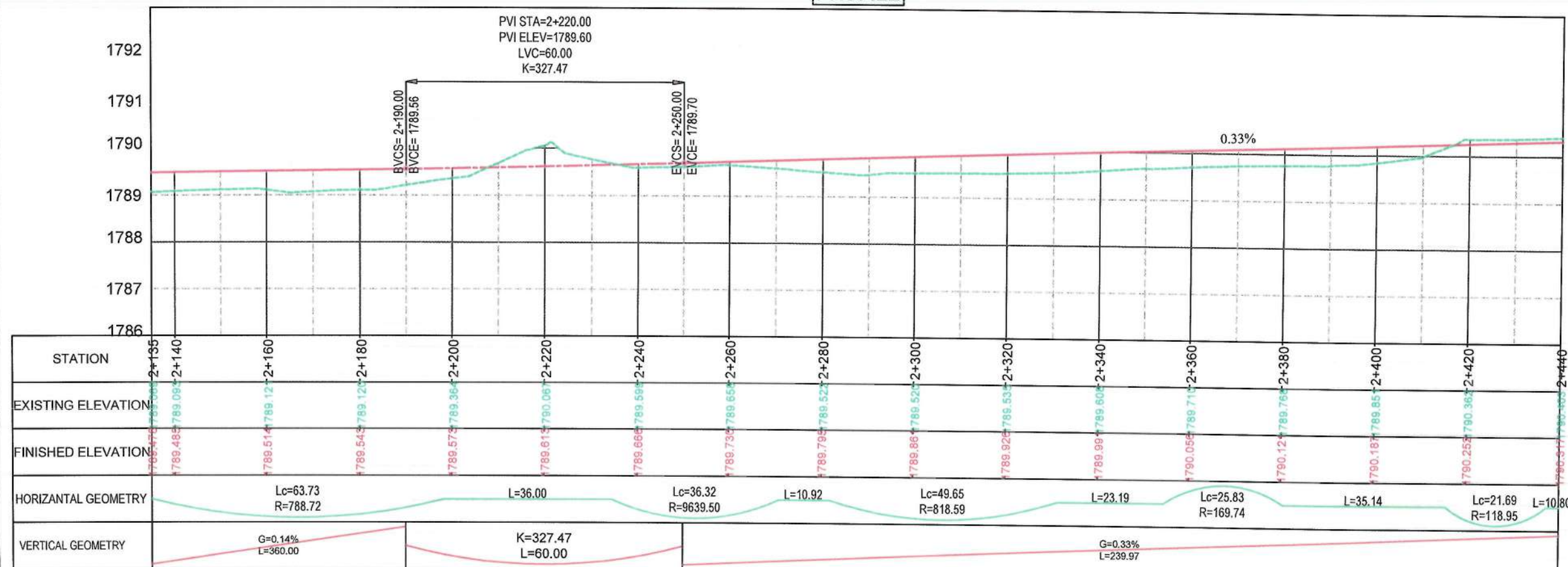
CURVE TABLE						
Curve #	Radius	Length	PI Station	Start Station	End Station	Delta Angle
C37	788.72	63.73	2+166.60	2+134.72	2+198.44	4.63
C38	9639.50	36.32	2+252.61	2+234.45	2+270.76	0.22
C39	818.59	49.65	2+306.52	2+281.68	2+331.33	3.48
C40	169.74	25.83	2+367.47	2+354.53	2+380.36	8.72
C41	118.95	21.69	2+426.38	2+415.50	2+437.19	10.45

MATCH LINE - 7
AT STATION - 2+141.53

MATCH LINE - 8
AT STATION - 2+446.88



PROFILE



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

LEGEND
1. ROW
2. PROPOSED CENTER LINE



ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
PLAN & PROFILE

Drawn: Matullah Hussaini
Designed: Matullah Hussaini
Checked: Hasibullah Shalizi

Date: 11/08/1445 Scale: 1:1000

Status: FINAL DESIGN

Project Code:

SHEET: P&T-08 OF 25
PAGE NO: 37 OF 115
REVISION: 01

MATCH LINE - 8
AT STATION - 2+446.68

CURVE TABLE						
Curve #	Radius	Length	PI Station	Start Station	End Station	Delta Angle
C42	237.78	28.02	2+462.02	2+447.99	2+476.01	6.75
C43	688.63	28.73	2+493.15	2+478.78	2+507.51	2.39
C44	21.75	31.58	2+538.50	2+519.20	2+550.77	83.19
C45	202.90	46.80	2+585.90	2+562.39	2+609.20	13.22
C46	292.46	25.78	2+626.96	2+614.06	2+639.84	5.05
C47	167.42	45.99	2+670.77	2+647.63	2+693.62	15.74
C48	223.47	16.27	2+706.93	2+698.79	2+715.07	4.17

CH LINE - 9
AT STATION - 2+751.92

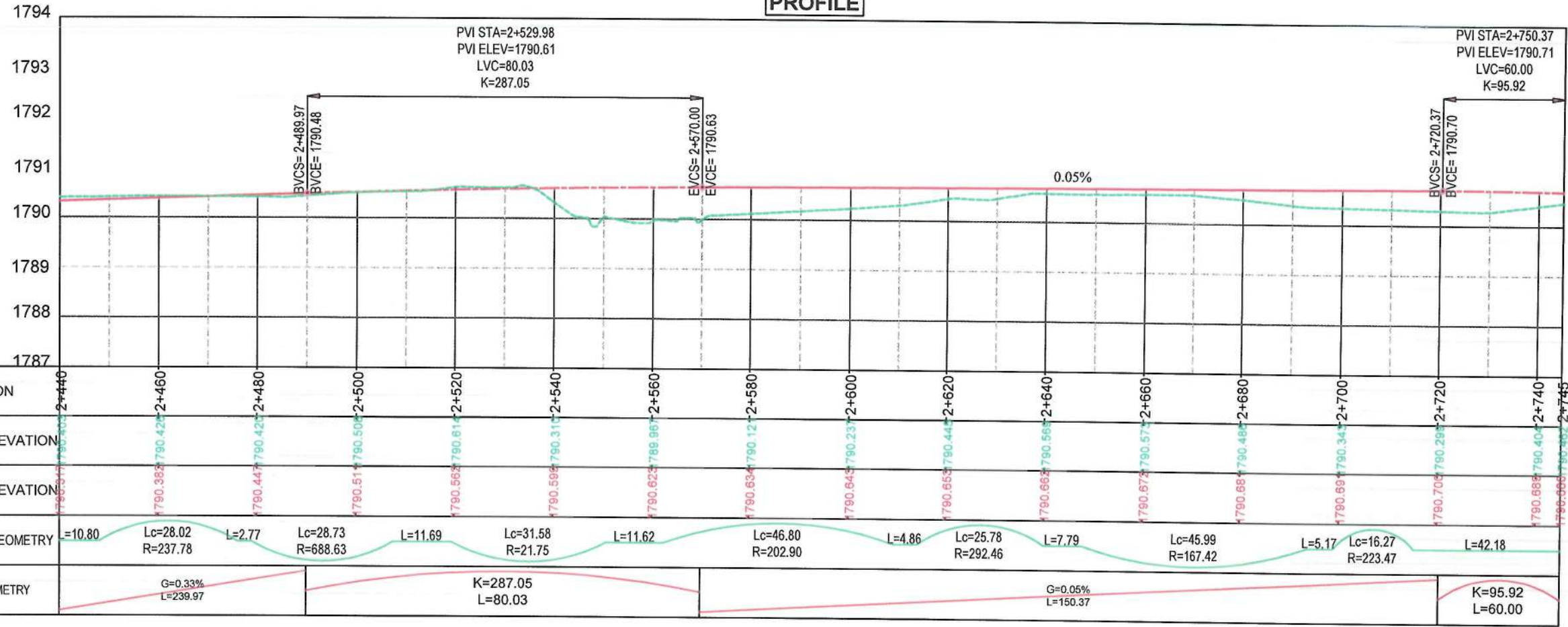


NOTE:
1. All dimensions are in meters unless otherwise indicated.

- LEGEND
1. ROW
 2. PROPOSED CENTER LINE



PROFILE



Date	Revision	Details	Drawn	Chkd	Appr
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ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
PLAN & PROFILE

Drawn: Matullah Hussaini
Designed: Matullah Hussaini
Checked: Hassanullah Shalizi

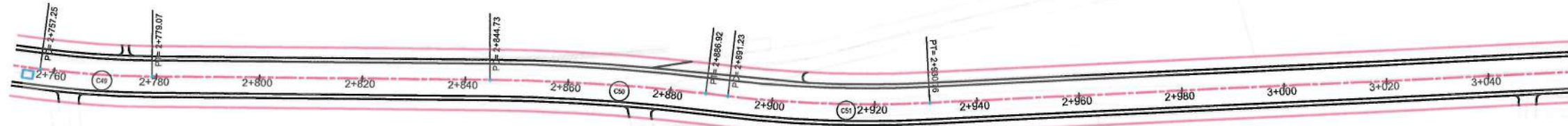
Date: 11/08/1445 Scale: 1:1000

Status: FINAL DESIGN

Project Code:

SHEET: P&P-09 OF 25 PAGE NO: 38 OF 115 REVISION: 01

CURVE TABLE						
Curve #	Radius	Length	PI Station	Start Station	End Station	Delta Angle
C49	179.92	21.82	2+768.17	2+757.25	2+779.07	6.95
C50	403.77	42.19	2+865.84	2+844.73	2+886.92	5.99
C51	233.65	39.53	2+911.04	2+891.23	2+930.76	9.69



MATCH LINE - 10
AT STATION - 3+056.92

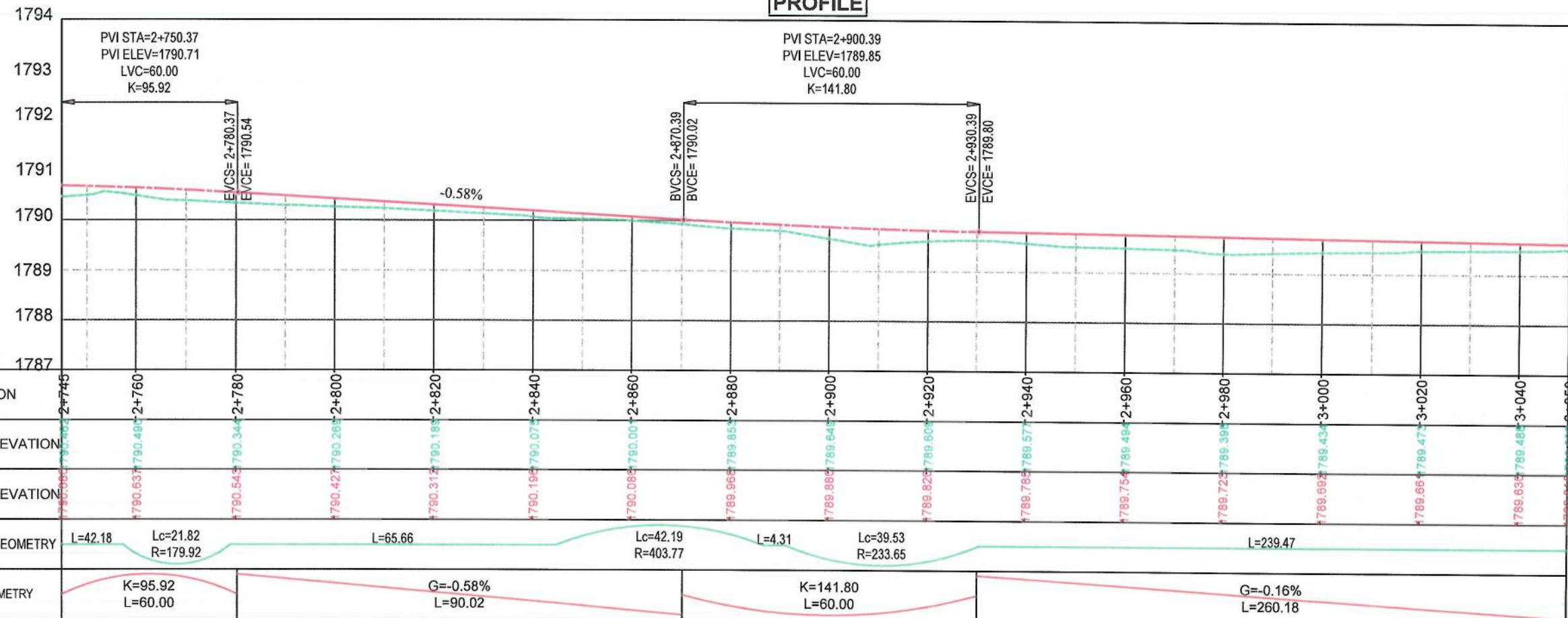


NOTE:
1. All dimensions are in meters unless otherwise indicated.

- LEGEND
1. ROW
 2. PROPOSED CENTER LINE



PROFILE



Date: Revision Details: Drawn: Chkd: Appr:

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:

KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrangi bridge to near of the Bene Hesar

Drawing Title:

PLAN & PROFILE

Drawn: Matullah Hussainzai
Designed: Matullah Hussainzai
Checked: Habibullah Shalizi

Date: 11/08/1445 Scale: 1:1000

Status: FINAL DESIGN

Project Code:

SHEET: P&P-10 OF 25
PAGE NO: 39 OF 115
REVISION: 01



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

- LEGEND
1. ROW
 2. PROPOSED CENTER LINE



Date	Revision Details	Drawn	Chkd.	Appr.

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:
 KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
PLAN & PROFILE

Drawn:	Signature:
Designed:	Signature:
Checked:	Signature:
Hasibullah Shalizi	

Date: 11/08/1445 Scale: 1:1000

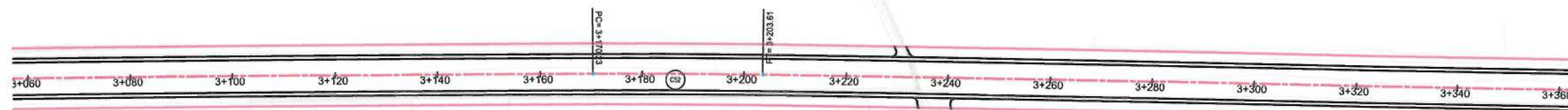
Status: FINAL DESIGN

Project Code:

SHEET	PAGE NO	REVISION
P&P-11 OF 25	40 OF 115	01

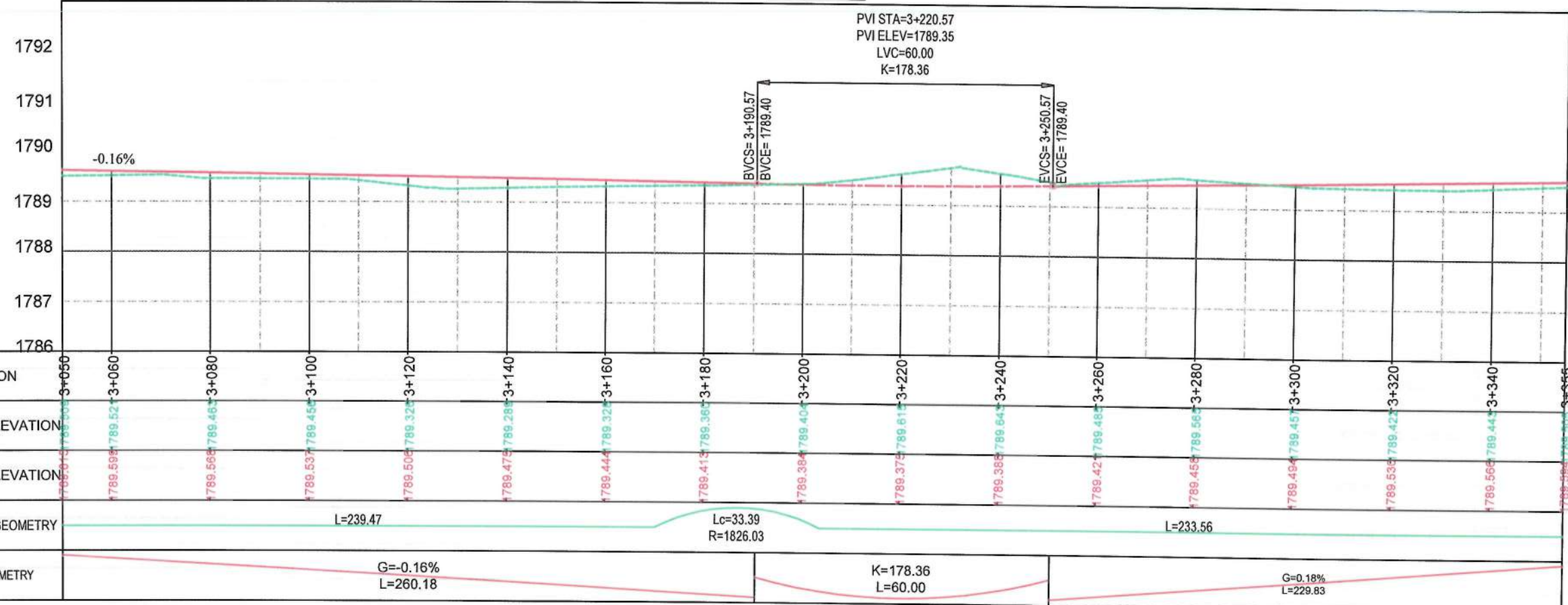
CURVE TABLE						
Curve #	Radius	Length	PI Station	Start Station	End Station	Delta Angle
C52	1826.03	33.39	3+186.92	3+170.23	3+203.61	1.05

MATCH LINE - 11
AT STATION - 3+361.92



MATCH LINE - 10
AT STATION - 3+056.92

PROFILE

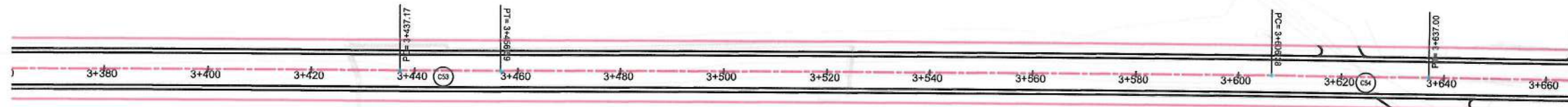


MATCH LINE - 11
AT STATION - 3+361.92

CURVE TABLE						
Curve #	Radius	Length	PI Station	Start Station	End Station	Delta Angle
C53	2344.61	19.42	3+446.88	3+437.17	3+456.59	0.47
C54	2954.04	30.62	3+621.69	3+606.38	3+637.00	0.59



MATCH LINE - 12
AT STATION - 3+666.92

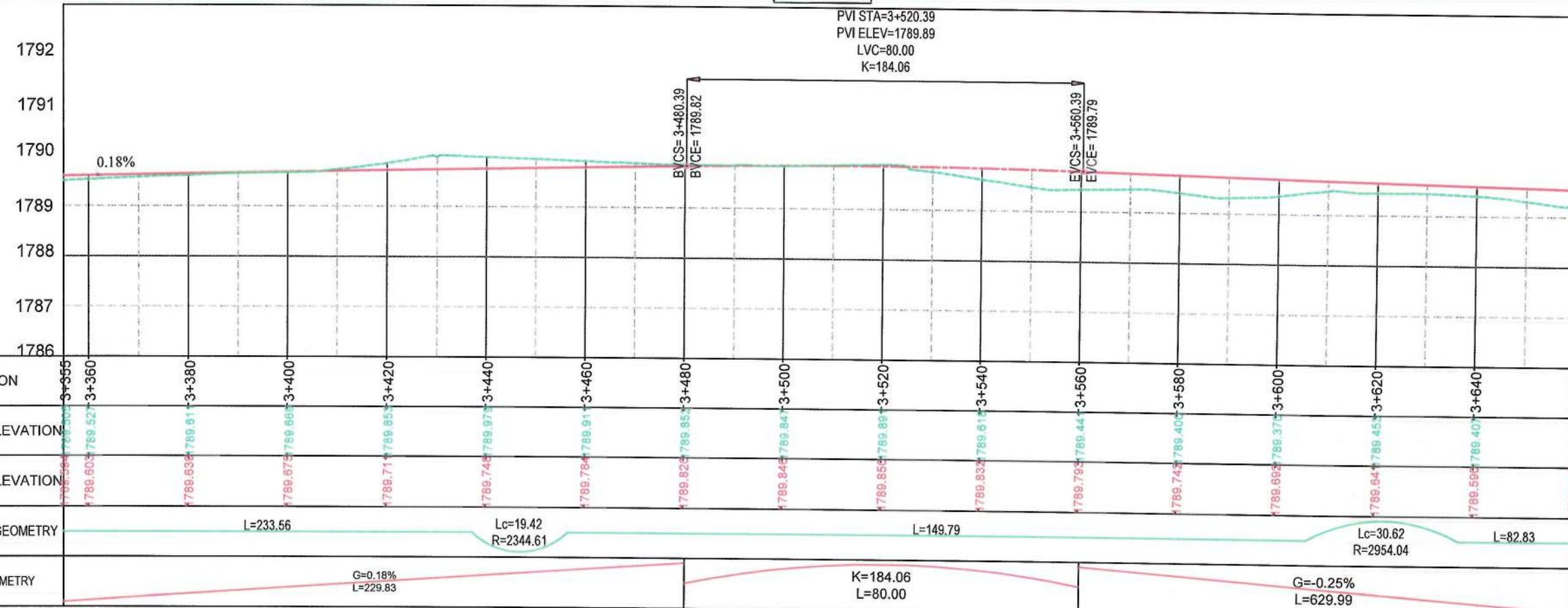




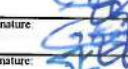

NOTE:
1. All dimensions are in meters unless otherwise indicated.

- LEGEND
- 1. ROW
 - 2. PROPOSED CENTER LINE



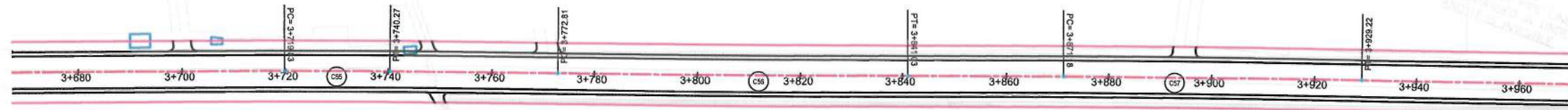
PROFILE



Date	Revision	Details	Drawn	Chkd	Appr
ISLAMIC EMIRATE OF AFGHANISTAN					
Designed By:					
 KABUL MUNICIPALITY DESIGN TEAM					
Project Name: Construction of road from Bagrami bridge to near of the Bene Hesar					
Drawing Title: PLAN & PROFILE					
Drawn:	Matullah Hussainzai		Signature:		
Designed:	Matullah Hussainzai		Signature:		
Checked:	Hassanullah Shalizi		Signature:		
Date:	11/08/1445		Scale:	1:1000	
Status:	FINAL DESIGN				
Project Code:					
SHEET	PAGE NO	REVISION			
P&P-12 OF 25	41 OF 115	01			

CURVE TABLE						
Curve #	Radius	Length	PI Station	Start Station	End Station	Delta Angle
C55	1226.92	20.44	3+730.05	3+719.83	3+740.27	0.95
C56	3845.51	68.21	3+806.92	3+772.81	3+841.03	1.02
C57	3386.22	58.04	3+900.20	3+871.18	3+929.22	0.98

MATCH LINE - 12
AT STATION - 3+666.92



MATCH LINE - 13
AT STATION - 3+971.92

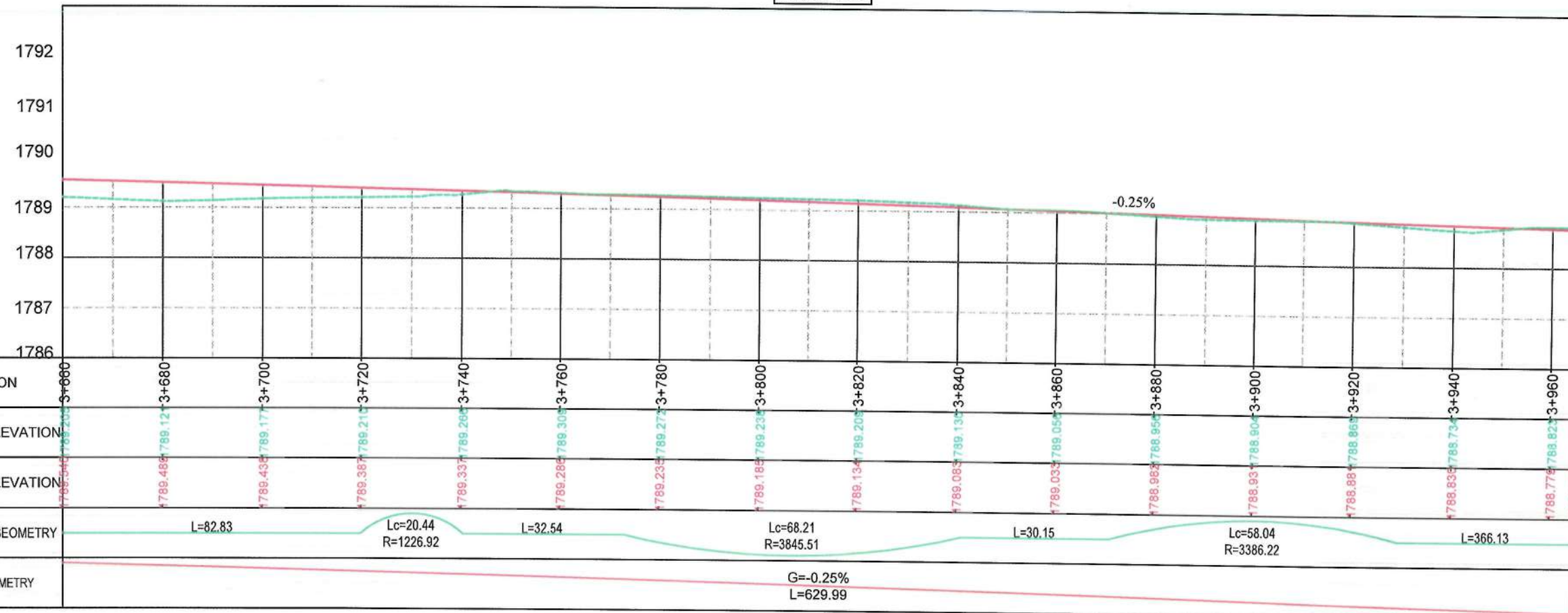


NOTE:
1. All dimensions are in meters unless otherwise indicated.

- LEGEND
- 1. ROW
 - 2. PROPOSED CENTER LINE



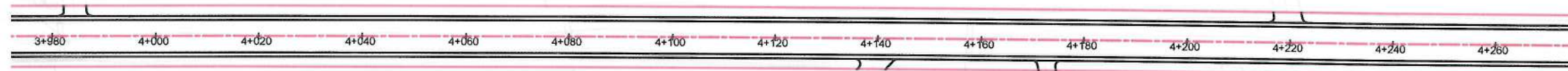
PROFILE



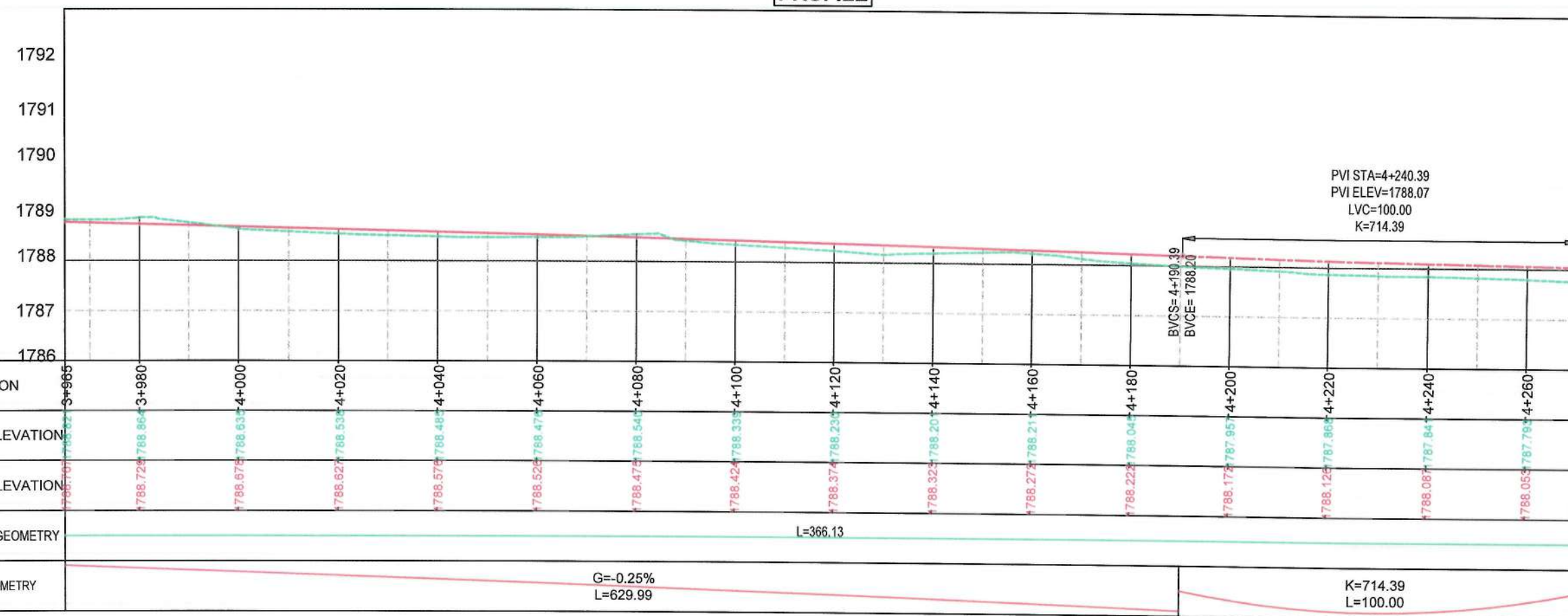
Date	Revision Details	Drawn	Chkd	Appr
ISLAMIC EMIRATE OF AFGHANISTAN				
Designed By:				
KABUL MUNICIPALITY DESIGN TEAM				
Project Name:				
Construction of road from Bagrami bridge to near of the Bene Hesar				
Drawing Title:				
PLAN & PROFILE				
Drawn:	Signature:			
Designed:	Signature:			
Checked:	Signature:			
Hasibullah Shalizi				
Date:	11/08/1445	Scale:	1:1000	
Status:	FINAL DESIGN			
Project Code:				
SHEET	PAGE NO	REVISION		
P&P-13 OF 25	42 OF 115	01		

MATCH LINE - 13
AT STATION - 3+971.92

MATCH LINE - 14
AT STATION - 4+276.92



PROFILE



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

LEGEND
1. ROW
2. PROPOSED CENTER LINE

ISLAMIC EMIRATE OF AFGHANISTAN
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
PLAN & PROFILE

Drawn: Matullah Hussainzai
Designed: Matullah Hussainzai
Checked: Hasibullah Shatizi

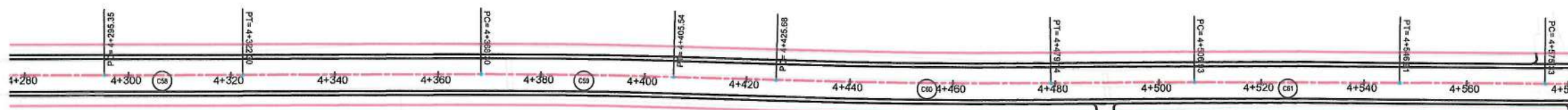
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Status: FINAL DESIGN
Project Code:

SHEET: P&P-14 OF 25
PAGE NO: 43 OF 115
REVISION: 01

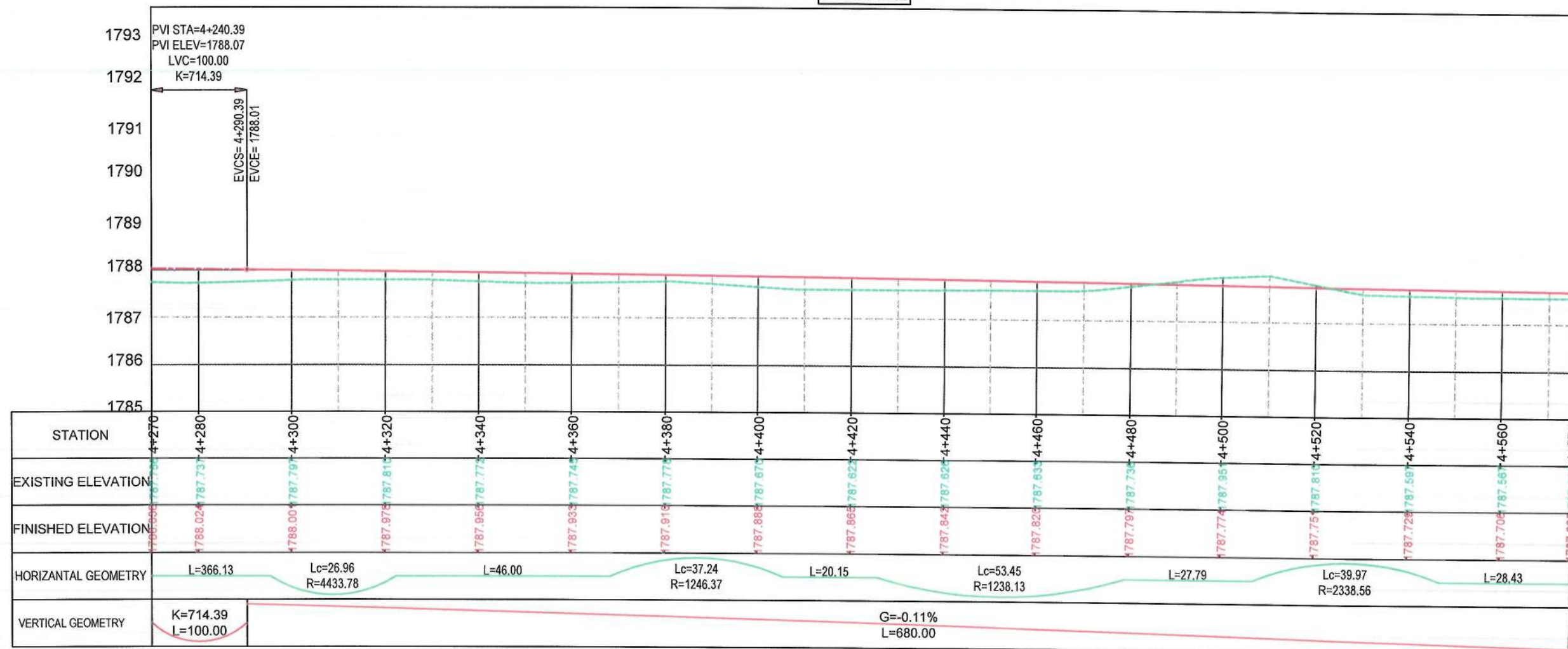
MATCH LINE - 14
AT STATION - 4+276.92

CURVE TABLE						
Curve #	Radius	Length	PI Station	Start Station	End Station	Delta Angle
C58	4433.78	26.96	4+308.82	4+295.35	4+322.30	0.35
C59	1246.37	37.24	4+386.92	4+368.30	4+405.54	1.71
C60	1238.13	53.45	4+452.41	4+425.68	4+479.14	2.47
C61	2338.56	39.97	4+526.92	4+506.93	4+546.91	0.98

MATCH LINE - 15
AT STATION - 4+581.92



PROFILE



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

LEGEND
1. ROW
2. PROPOSED CENTER LINE



ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
PLAN & PROFILE

Drawn: Mstullah Hussaini
Designed: Mstullah Hussaini
Checked: Haseebullah Shalizi

Date: 11/08/1445 Scale: 1:1000

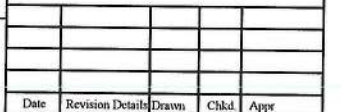
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Project Code:

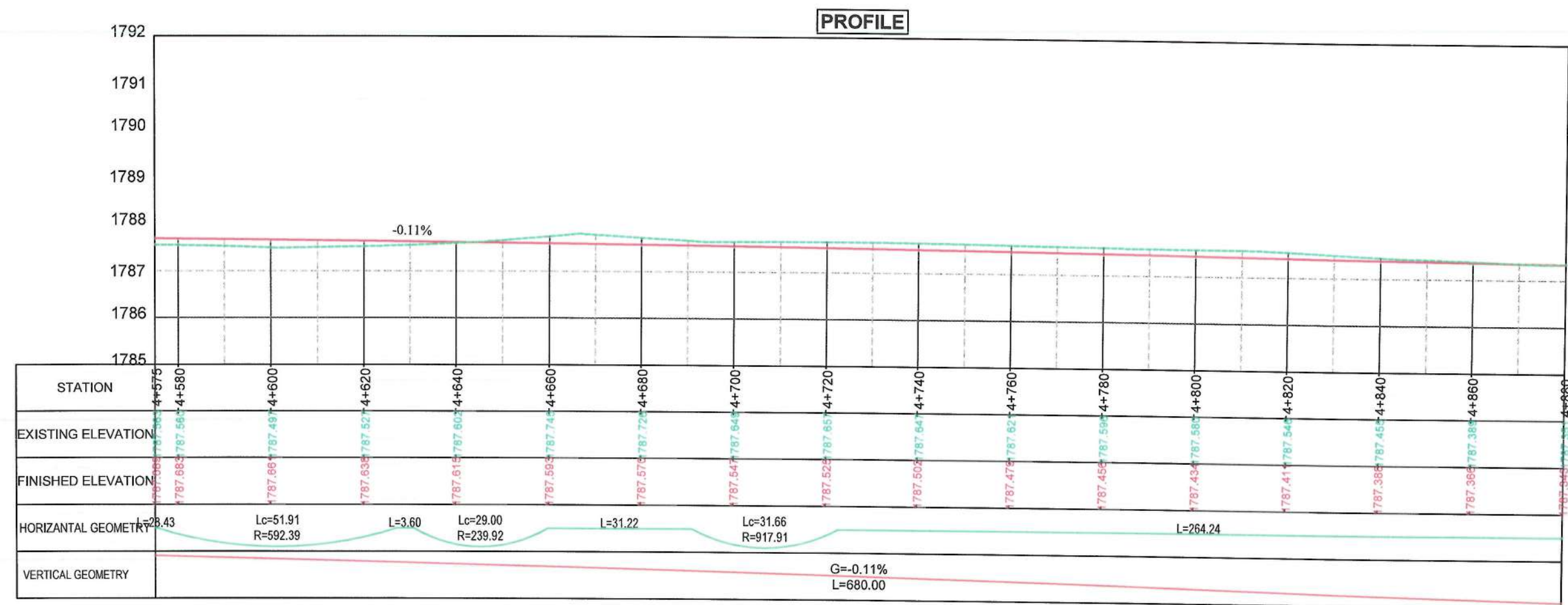
SHEET: P&P-15 OF 25
PAGE NO: 44 OF 115
REVISION: 01

1. All dimensions are in meters unless otherwise indicated.

2. PROPOSED CENTER LINE

KABUL MUNICIPALITY
DESIGN TEAM

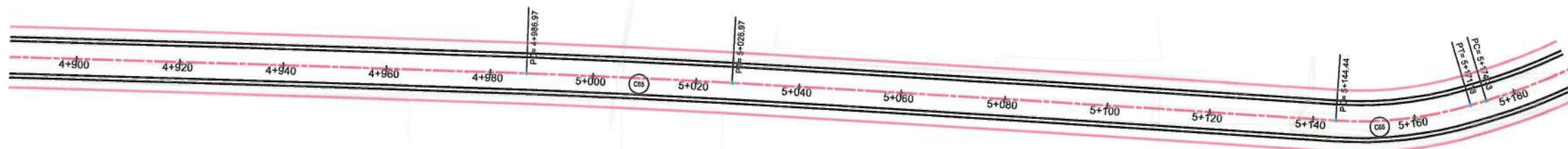
REVISION



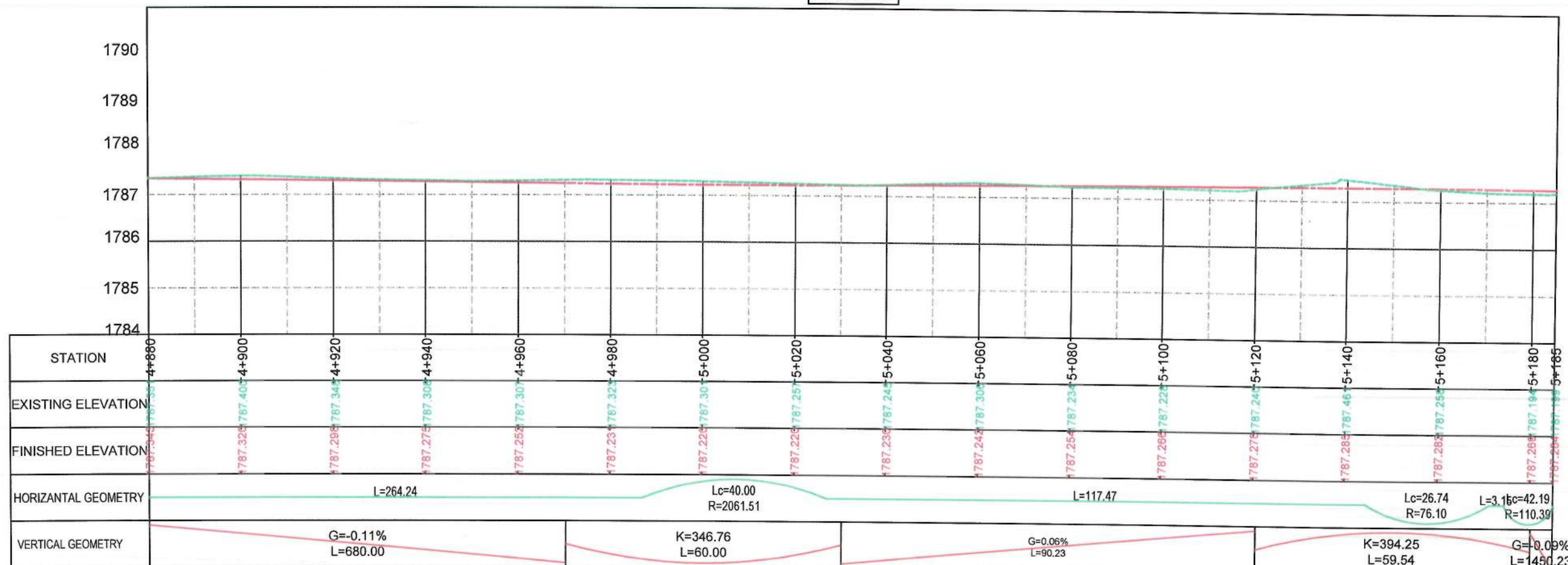
MATCH LINE - 16
AT STATION - 4+886.92

CURVE TABLE						
Curve #	Radius	Length	PI Station	Start Station	End Station	Delta Angle
C65	2061.51	40.00	5+006.97	4+986.97	5+026.97	1.11
C66	76.10	26.74	5+157.95	5+144.44	5+171.18	20.13

MATCH LINE - 17
AT STATION - 5+191.92



PROFILE



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

- LEGEND
1. ROW
 2. PROPOSED CENTER LINE



Date	Revision	Details	Drawn	Chkd	Appr
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ISLAMIC EMIRATE OF
AFGHANISTAN

Designed By:
 KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge
to near of the Bene Hesar

Drawing Title:
PLAN & PROFILE

Drawn:
Designed:
Checked:
Hussainzai

Date: 11/08/1445 Scale: 1:1000

Status: FINAL
DESIGN

Project Code

SHEET P&P-17 OF 25 PAGE NO 46 OF 115 REVISION 01



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

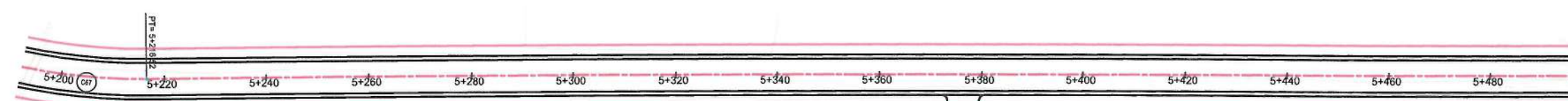
- LEGEND
- 1. ROW
 - 2. PROPOSED CENTER LINE



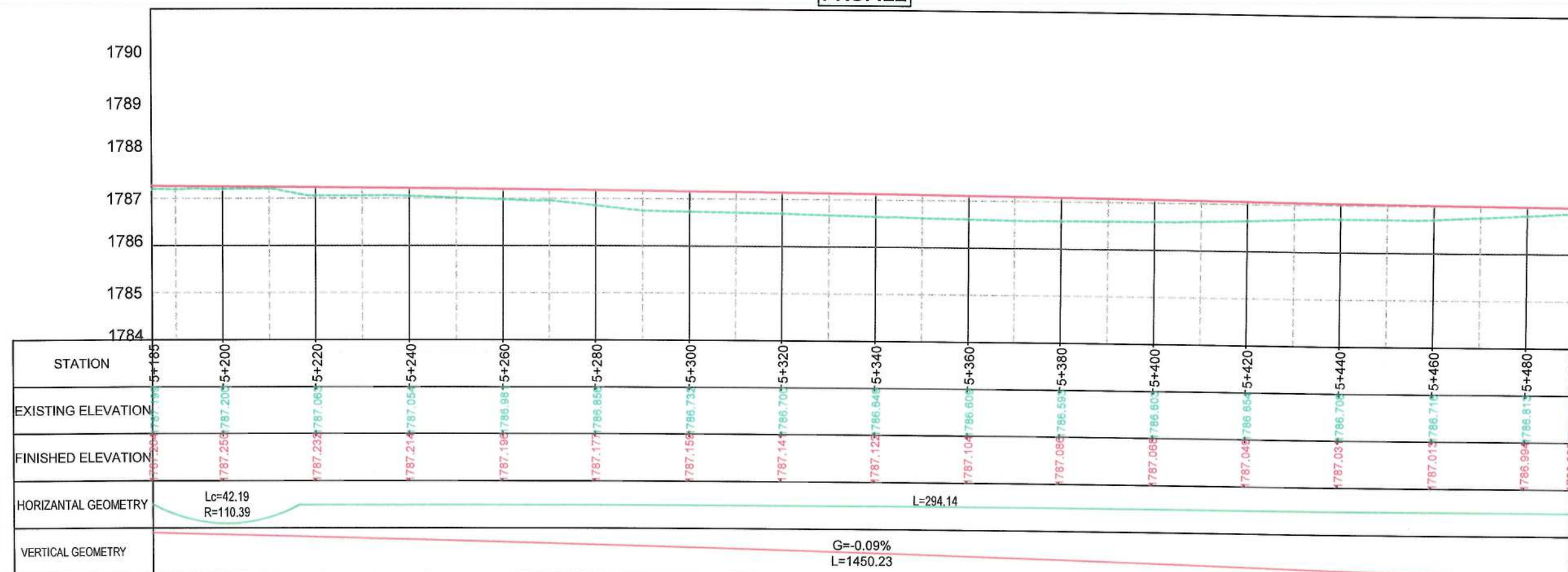
CURVE TABLE						
Curve #	Radius	Length	PI Station	Start Station	End Station	Delta Angle
C67	110.39	42.19	5+195.69	5+174.33	5+216.52	21.90

MATCH LINE - 18
AT STATION - 5+496.92

MATCH LINE - 17
AT STATION - 5+191.92



PROFILE



Date	Revision Details	Drawn	Chkd.	Appr.
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ISLAMIC EMIRATE OF AFGHANISTAN

Designed By
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
PLAN & PROFILE

Drawn: Matullah Hussainzai
Designed: Matullah Hussainzai
Checked: Haubullah Shalizi

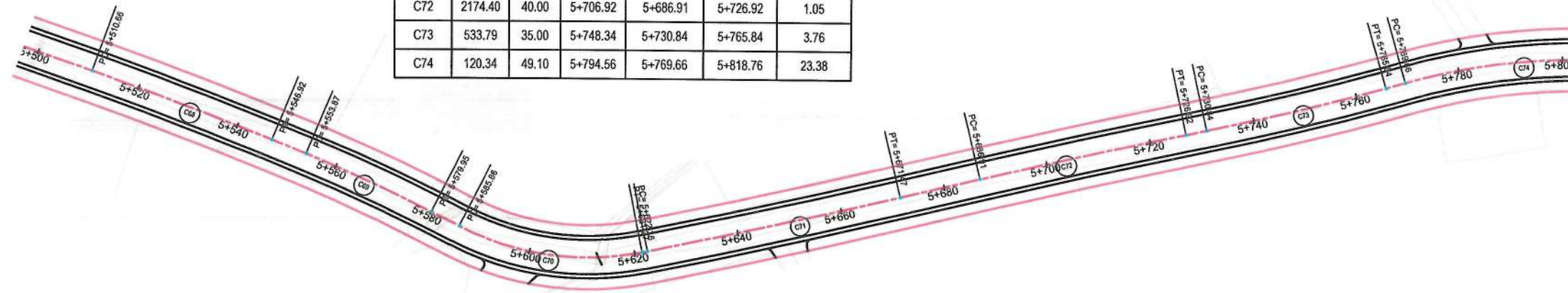
Date: 11/08/1445
Scale: 1:1000

Status: FINAL DESIGN

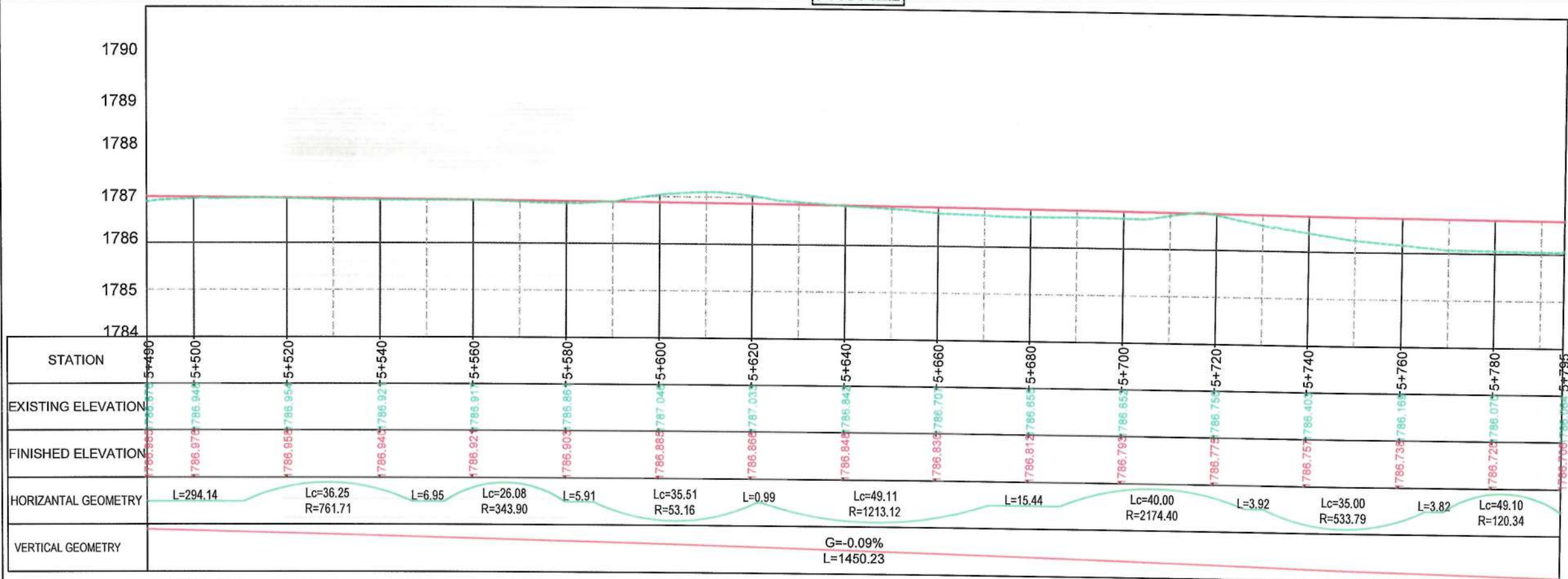
Project Code

SHEET	PAGE NO	REVISION
P&P-18 OF 25	47 OF 115	01

CURVE TABLE						
Curve #	Radius	Length	PI Station	Start Station	End Station	Delta Angle
C68	761.71	36.25	5+528.79	5+510.66	5+546.92	2.73
C69	343.90	26.08	5+566.92	5+553.87	5+579.95	4.34
C70	53.16	35.51	5+604.31	5+585.86	5+621.37	38.28
C71	1213.12	49.11	5+646.92	5+622.36	5+671.47	2.32
C72	2174.40	40.00	5+706.92	5+686.91	5+726.92	1.05
C73	533.79	35.00	5+748.34	5+730.84	5+765.84	3.76
C74	120.34	49.10	5+794.56	5+769.66	5+818.76	23.38



PROFILE



MATCH LINE - 19
AT STATION - 5+801.92

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

LEGEND
1. ROW
2. PROPOSED CENTER LINE



Date	Revision	Details	Drawn	Chkd	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:
KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge
to near of the Bene Hesar

Drawing Title:
PLAN & PROFILE

Drawn: Mstullah Hussainzai
Designed: Mstullah Hussainzai
Checked: Mstullah Hussainzai
Signature: [Signature]

Date: 11/08/1445
Scale: 1:1000

Status: FINAL
DESIGN

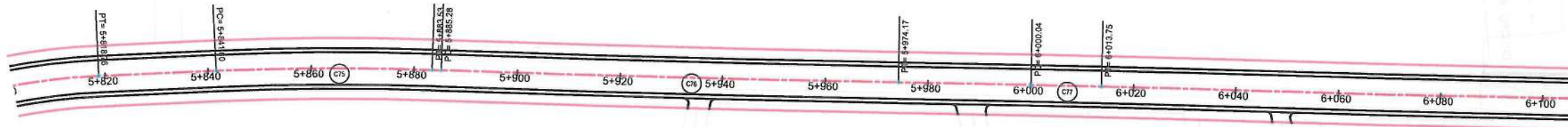
Project Code

SHEET: P&P-19 OF 25
PAGE NO: 48 OF 115
REVISION: 01

CURVE TABLE						
Curve #	Radius	Length	PI Station	Start Station	End Station	Delta Angle
C75	542.89	41.92	5+862.58	5+841.60	5+883.53	4.42
C76	3908.78	88.89	5+929.73	5+885.28	5+974.17	1.30
C77	3296.31	13.71	6+006.90	6+000.04	6+013.75	0.24

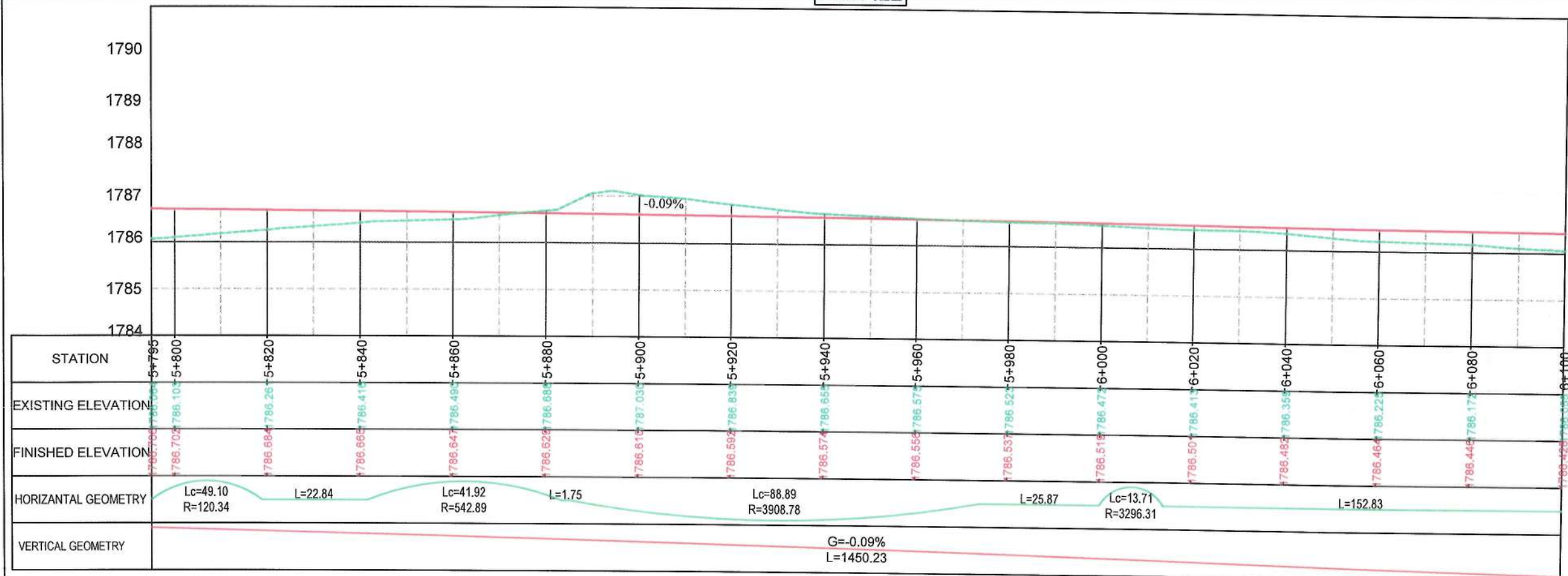


MATCH LINE - 20
AT STATION - 6+106.92



MATCH LINE - 19
AT STATION - 5+801.92

PROFILE



NOTE:

- All dimensions are in meters unless otherwise indicated.

LEGEND

- ROW
- PROPOSED CENTER LINE



Date	Revision	Details	Drawn	Chkd	Appr

ISLAMIC EMIRATE OF
AFGHANISTAN

Designed By:

KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge
to near of the Bene Hesar

Drawing Title:

PLAN & PROFILE

Drawn: Matullah Hussainzai
Designed: Matullah Hussainzai
Checked: Hasibullah Shalizi

Date: 11/08/1445 Scale: 1:1000

Status: FINAL
DESIGN

Project Code:

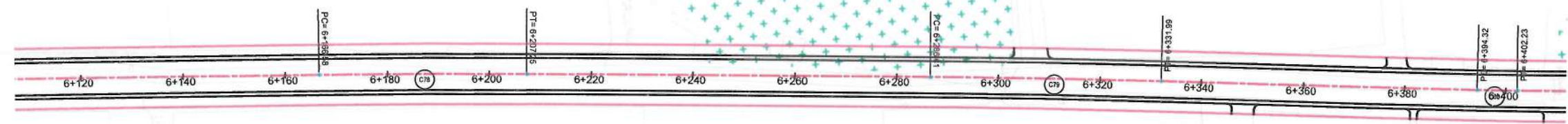
SHEET	PAGE NO	REVISION
P&P-20 OF 25	49 OF 115	01



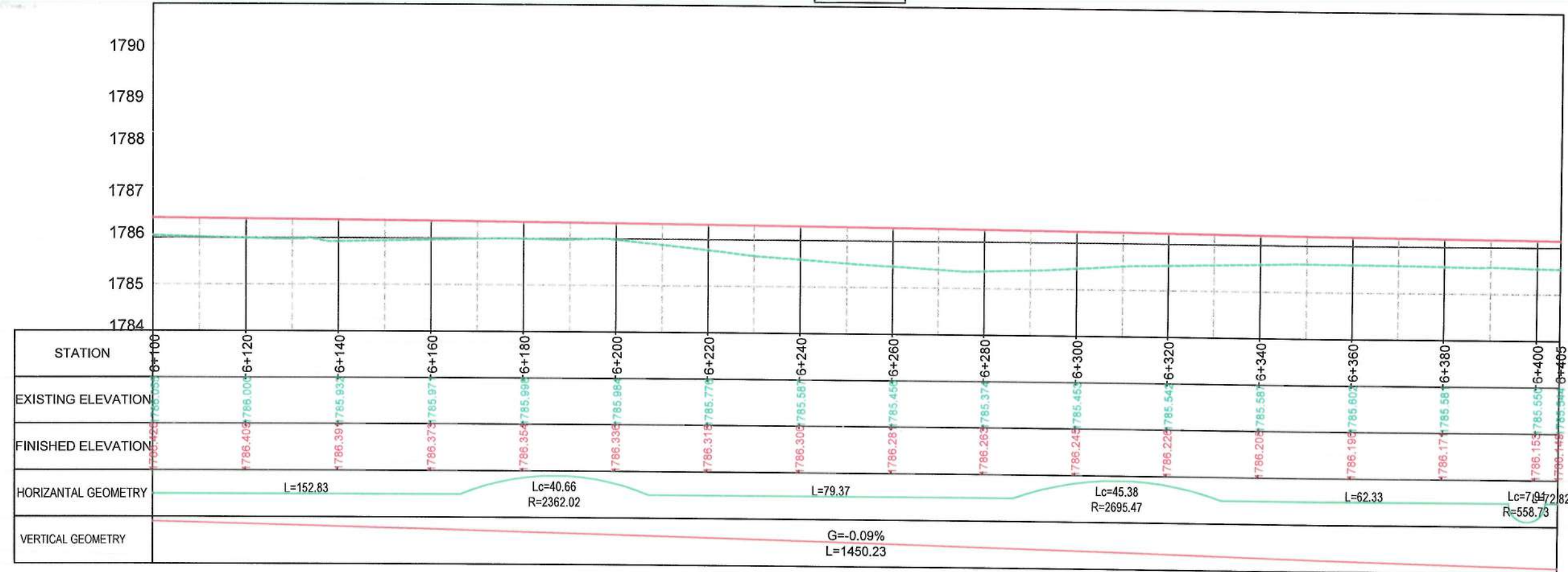
MATCH LINE - 21
AT STATION - 6+411.92

CURVE TABLE						
Curve #	Radius	Length	PI Station	Start Station	End Station	Delta Angle
C78	2362.02	40.66	6+186.92	6+166.58	6+207.25	0.99
C79	2695.47	45.38	6+309.30	6+286.61	6+331.99	0.96

MATCH LINE - 20
AT STATION - 6+106.92



PROFILE



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

LEGEND
1. ROW
2. PROPOSED CENTER LINE

ISLAMIC EMIRATE OF AFGHANISTAN
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
PLAN & PROFILE

Drawn: Matullah Hussainzai	Signature:
Designed: Matullah Hussainzai	Signature:
Checked: Hasnullah Shalizi	Signature:

Date: 11/08/1445 Scale: 1:1000

Status: FINAL DESIGN

Project Code:

SHEET P&P-21 OF 25	PAGE NO 50 OF 115	REVISION 01
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CURVE TABLE						
Curve #	Radius	Length	PI Station	Start Station	End Station	Delta Angle
C82	79.69	40.45	6+676.34	6+655.67	6+696.12	29.08



NOTE:
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- LEGEND
- 1. ROW
 - 2. PROPOSED CENTER LINE



Date	Revision	Details	Drawn	Chkd	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:
 KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
PLAN & PROFILE

Drawn:
Designed:
Checked:

Date: 11/08/1445 Scale: 1:1000

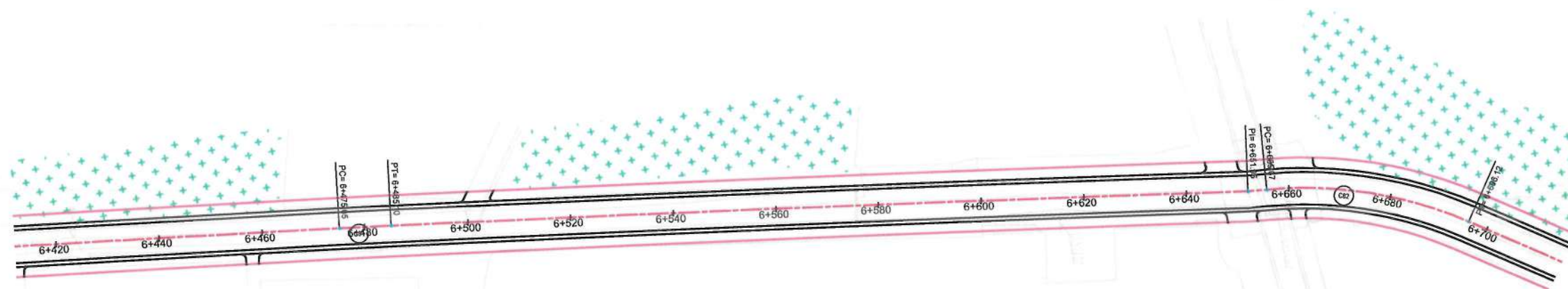
Status: **FINAL DESIGN**

Project Code:

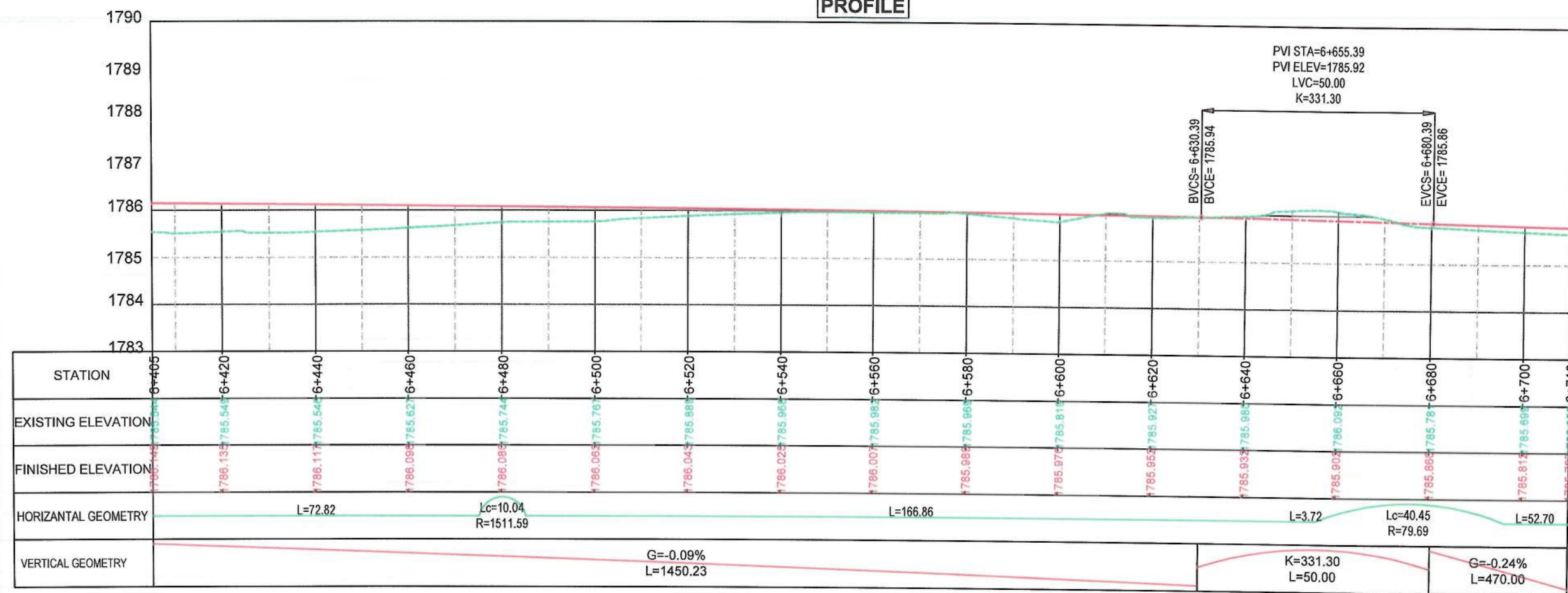
SHEET P&P-22 OF 25	PAGE NO 51 OF 115	REVISION 01
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MATCH LINE - 21
AT STATION - 6+411.92

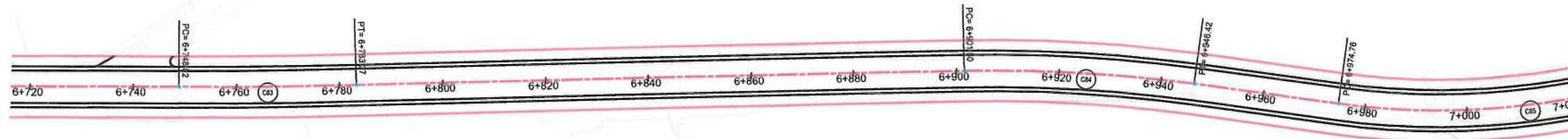
MATCH LINE - 22
AT STATION - 6+710



PROFILE



MATCH LINE - 22
AT STATION - 6+716.20



CURVE TABLE						
Curve #	Radius	Length	PI Station	Start Station	End Station	Delta Angle
C83	1071.97	34.45	6+766.05	6+748.82	6+783.27	1.84
C84	294.04	44.92	6+924.01	6+901.50	6+946.42	8.75
C85	148.64	58.82	7+004.56	6+974.76	7+033.58	22.67

MATCH LINE - 23
AT STATION - 7+021.30



NOTE:

- All dimensions are in meters unless otherwise indicated.

LEGEND

- ROW
- PROPOSED CENTER LINE



PROFILE



STATION	6+710	6+720	6+740	6+760	6+780	6+800	6+820	6+840	6+860	6+880	6+900	6+920	6+940	6+960	6+980	7+000
EXISTING ELEVATION	1785.69	1785.60	1785.41	1785.40	1785.38	1785.30	1785.31	1785.38	1785.39	1785.37	1785.33	1785.30	1785.21	1785.19	1785.16	1785.04
FINISHED ELEVATION	1785.69	1785.60	1785.41	1785.40	1785.38	1785.30	1785.31	1785.38	1785.39	1785.37	1785.33	1785.30	1785.21	1785.19	1785.16	1785.04
HORIZONTAL GEOMETRY	L=52.70		Lc=34.45 R=1071.97		L=118.23				Lc=44.92 R=294.04		L=28.34		Lc=58.82 R=148.64			
VERTICAL GEOMETRY	G=-0.24% L=470.00															

Date	Revision	Details	Drawn	Chkd	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:

KABUL MUNICIPALITY
DESIGN TEAM

Project Name
Construction of road from Bagrami bridge
to near of the Bene Hesar

Drawing Title:

PLAN & PROFILE

Drawn: Matullah Hussainzai
Designed: Matullah Hussainzai
Checked: Hasibullah Shalizi

Date: 11/08/1445
Scale: 1:1000

Status: FINAL
DESIGN

Project Code

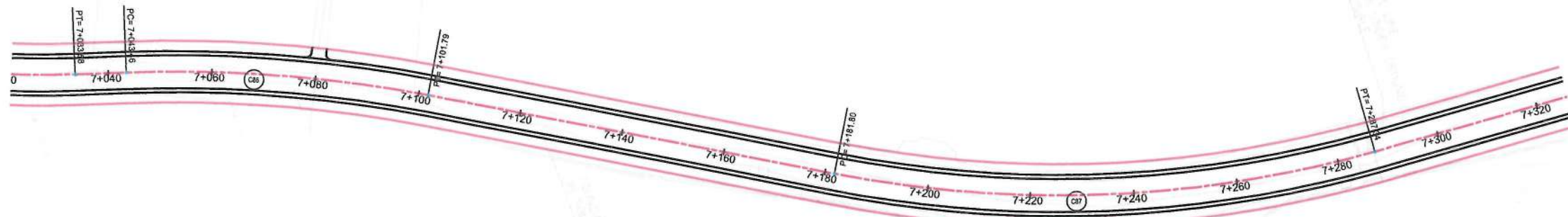
SHEET
P&P-23 OF 25

PAGE NO
52 OF 115

REVISION
01

MATCH LINE - 23
AT STATION - 7+021.30

CURVE TABLE						
Curve #	Radius	Length	PI Station	Start Station	End Station	Delta Angle
C86	258.11	58.33	7+072.75	7+043.46	7+101.79	12.95
C87	222.67	105.54	7+235.58	7+181.80	7+287.34	27.16



MATCH LINE - 24
AT STATION - 7+326.31

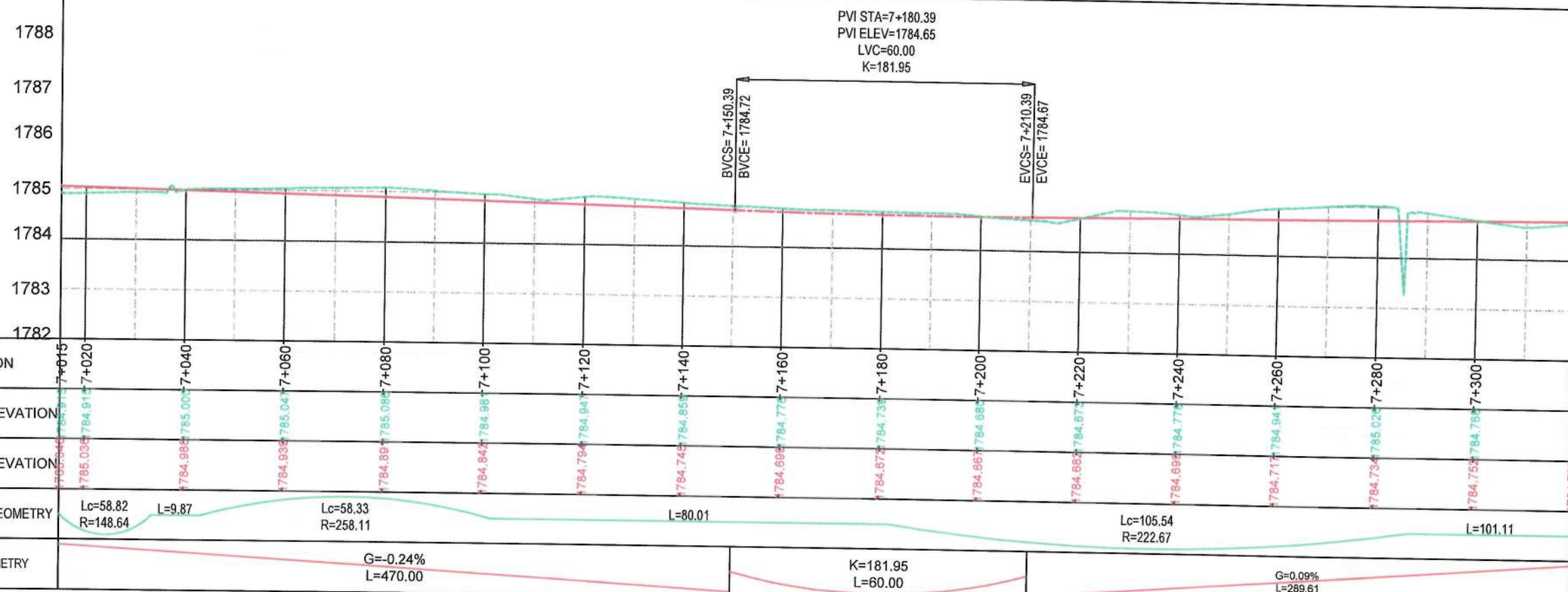


NOTE:
1. All dimensions are in meters unless otherwise indicated.

- LEGEND
1. ROW
 2. PROPOSED CENTER LINE



PROFILE



Date	Revision	Detail	Drawn	Chkd	Appr
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ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
PLAN & PROFILE

Drawn: Matullah Hussainzai
Designed: Matullah Hussainzai
Checked: Hasibullah Shalizi

Date: 11/08/1445
Scale: 1:1000

Status: FINAL DESIGN

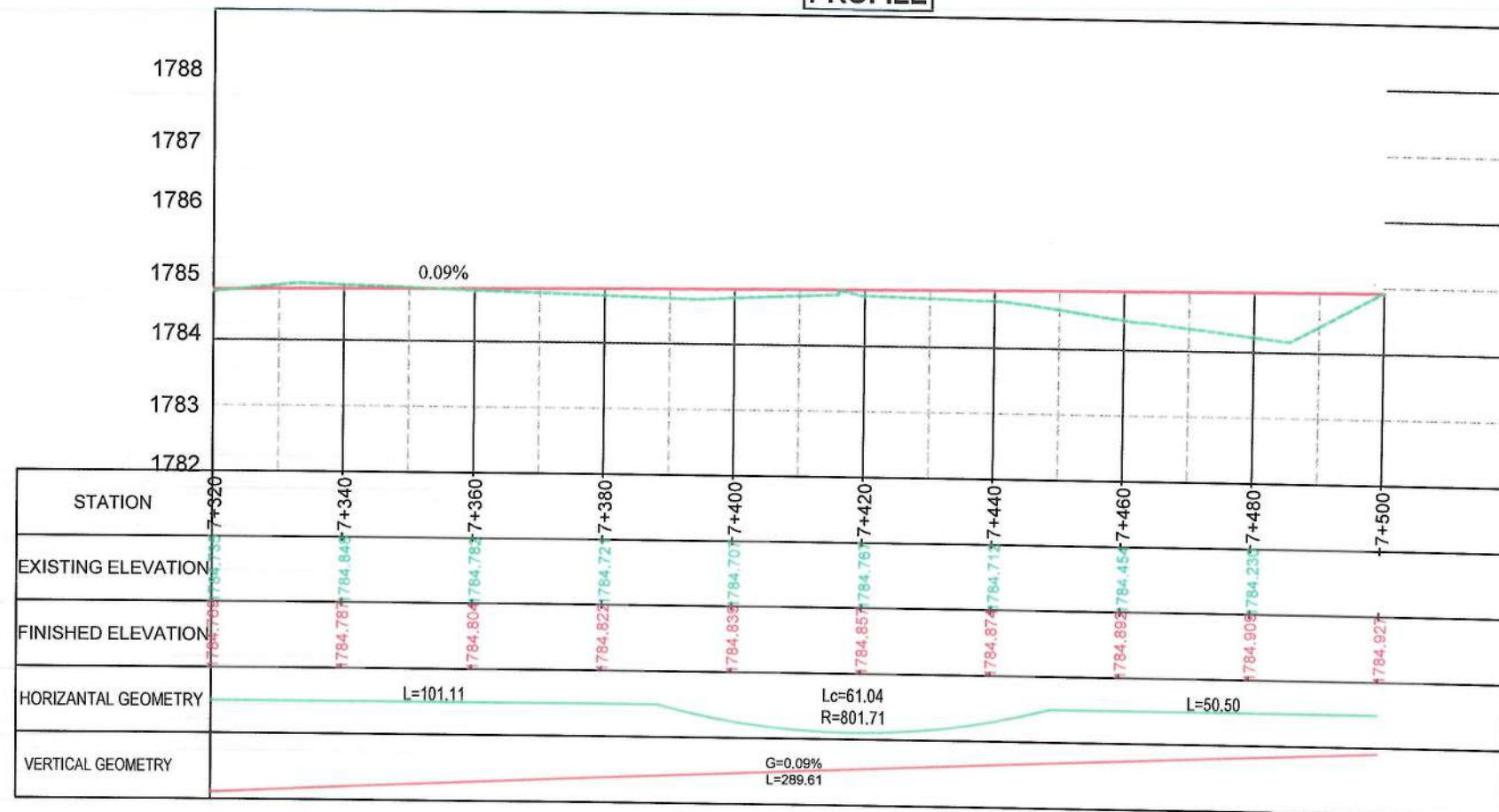
Project Code:
SHEET: P&P-24 OF 25
PAGE NO: 53 OF 115
REVISION: 01

CURVE TABLE						
Curve #	Radius	Length	PI Station	Start Station	End Station	Delta Angle
C88	801.71	61.04	7+418.99	7+388.45	7+449.50	4.36



MATCH LINE - 24
AT STATION - 7+326.31

PROFILE

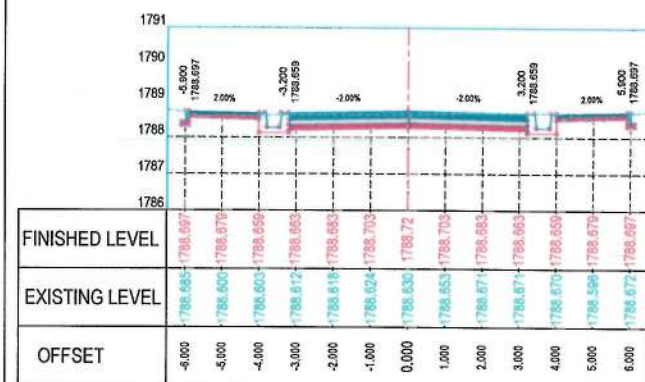


NOTE:
1. All dimensions are in meters unless otherwise indicated.

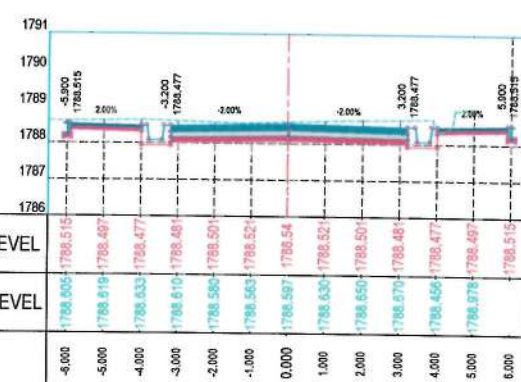
- LEGEND
- 1. ROW
 - 2. PROPOSED CENTER LINE



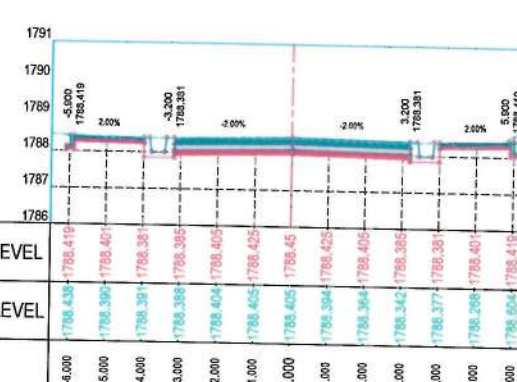
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Designed By:				
KABUL MUNICIPALITY DESIGN TEAM				
Project Name:				
Construction of road from Bagrami bridge to near of the Bene Hesar				
Drawing Title:				
PLAN & PROFILE				
Drawn:	Signature:			
Designed:	Signature:			
Checked:	Signature:			
Hasibullah Shalizi				
Date:	Scale:			
11/08/1445	1:1000			
Status:	FINAL DESIGN			
Project Code				
SHEET	PAGE NO	REVISION		
P&P-25 OF 25	54 OF 115	01		



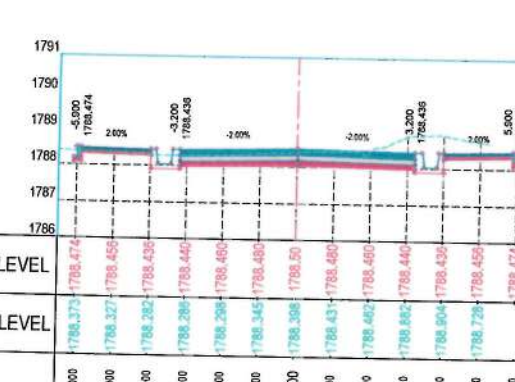
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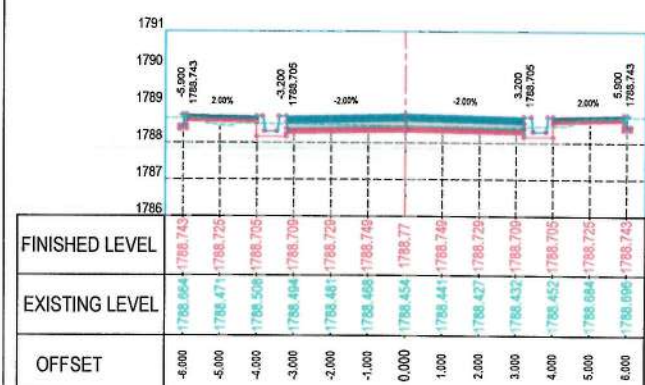
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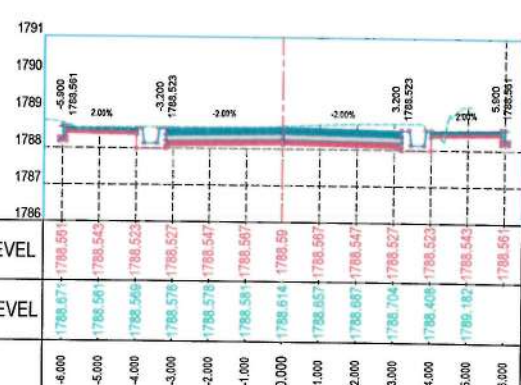
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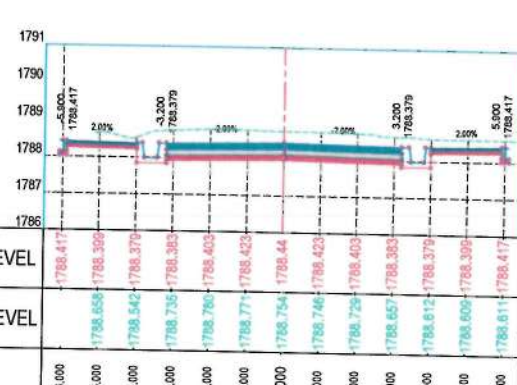
STATION=0+620



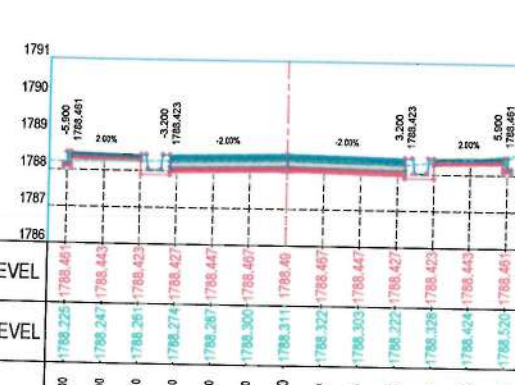
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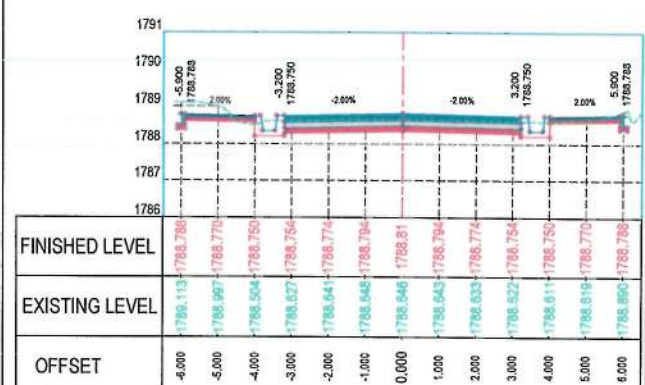
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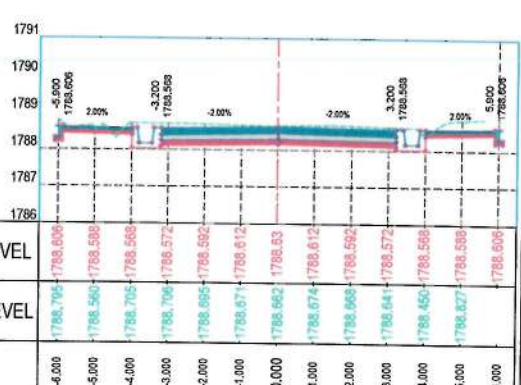
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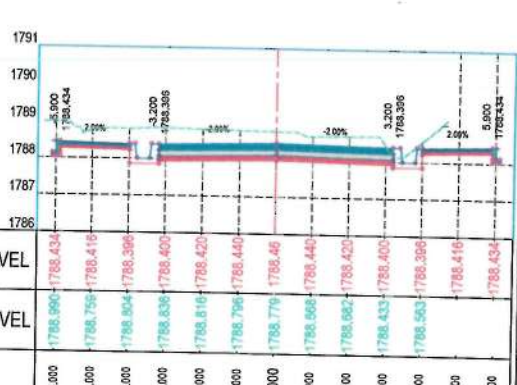
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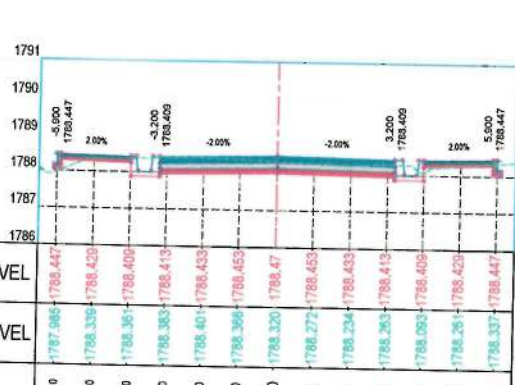
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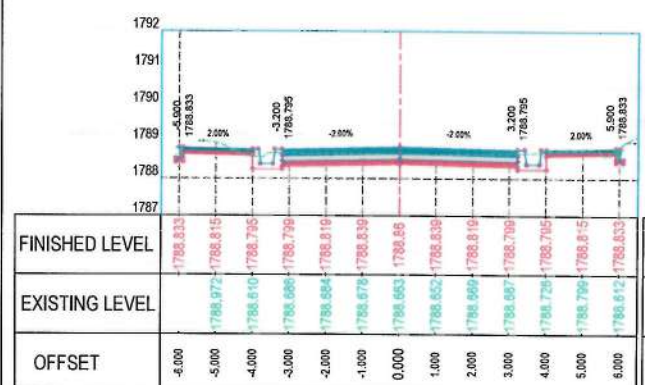
STATION=0+420



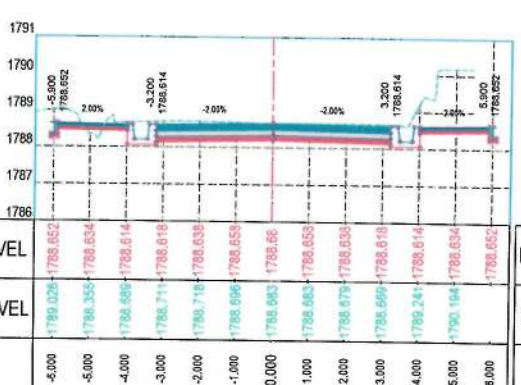
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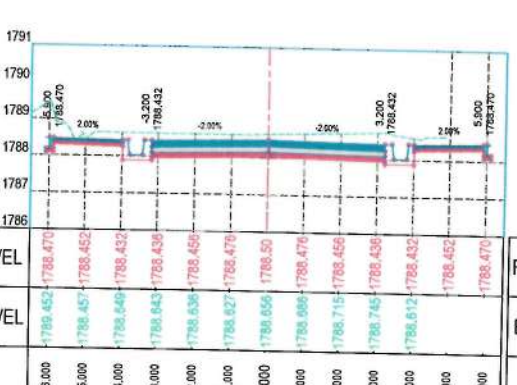
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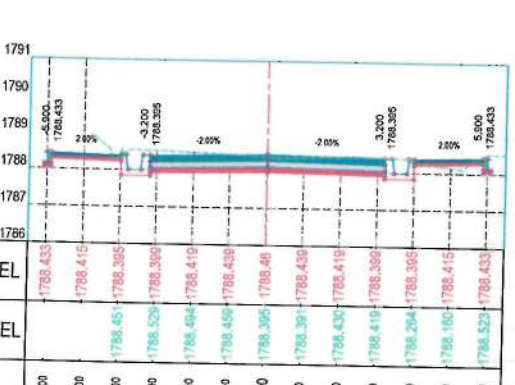
STATION=0+320



STATION=0+400



STATION=0+480



STATION=0+560

NOTE:

1. All dimensions are in meters unless otherwise indicated.



Date Revision Details Drawn Chkd Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed by: KABUL MUNICIPALITY DESIGN TEAM

Project Name: Construction of road from Bagrangi bridge to near of the Bene Hesar

Drawing Title: CROSS SECTIONS

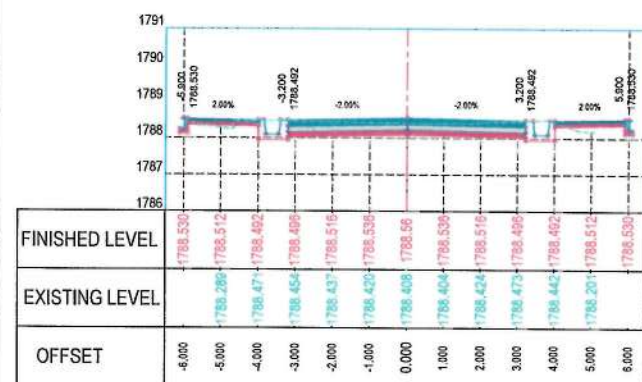
Drawn: Matullah Huseinovi Signature: Matullah Huseinovi
Designed: Matullah Huseinovi Signature: Matullah Huseinovi
Checked: Hanbulah Shalizi Signature: Hanbulah Shalizi

Date: 11/08/1445 Scale: 1:200

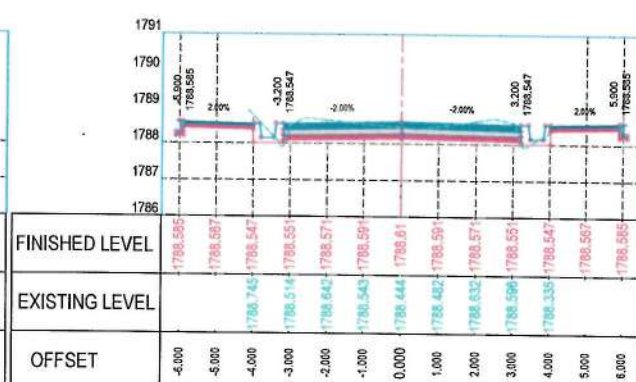
Status: FINAL DESIGN

Project Code

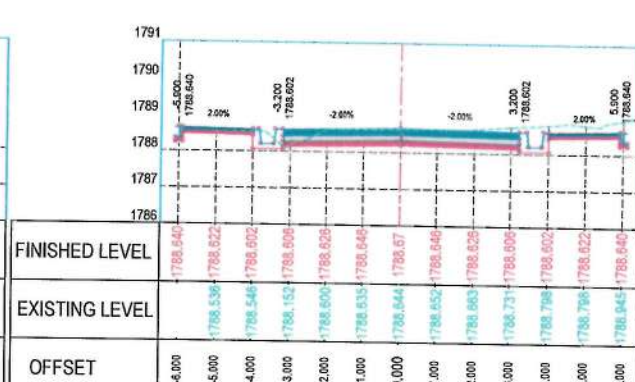
SHEET PAGE NO REVISION
CS-02 OF 24 56 OF 115 01



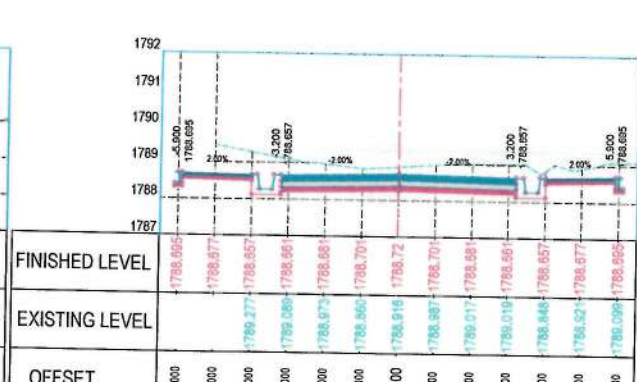
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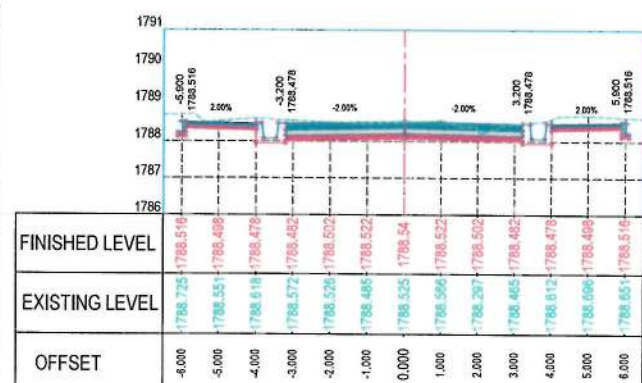
STATION=0+780



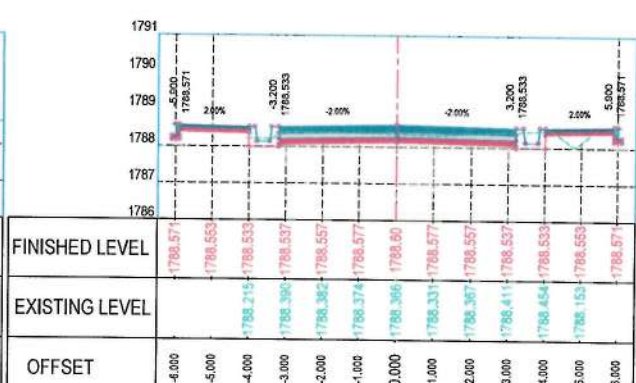
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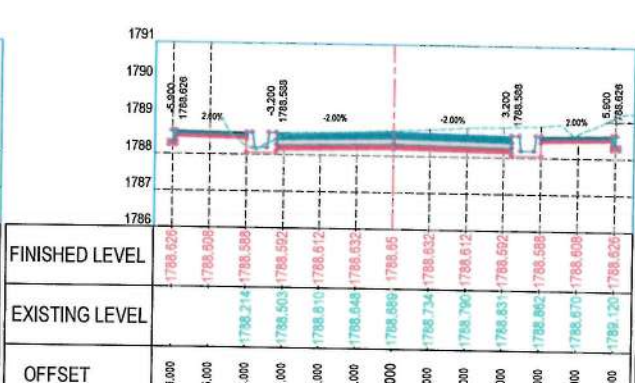
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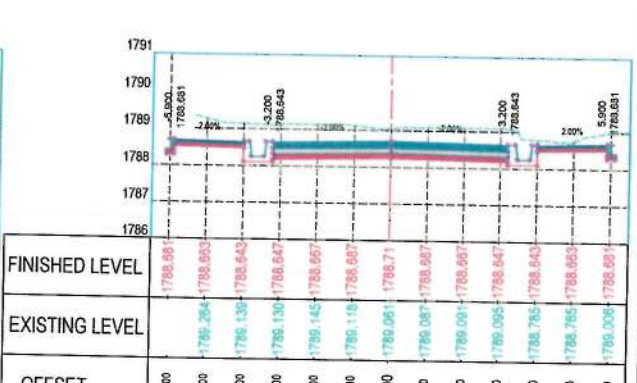
STATION=0+680



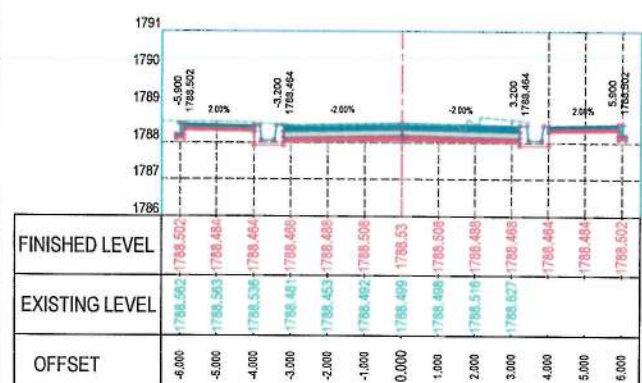
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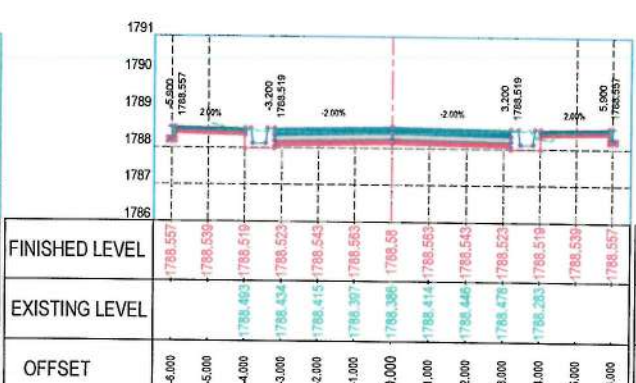
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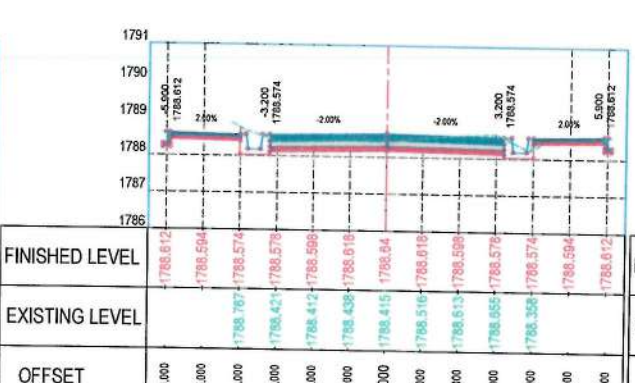
STATION=0+920



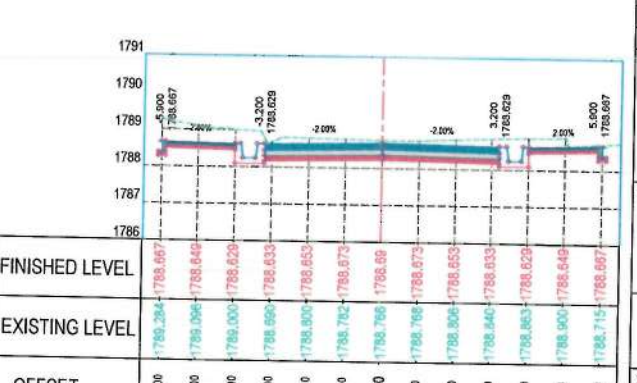
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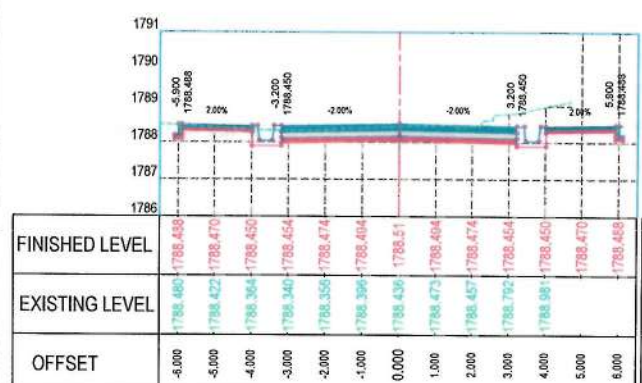
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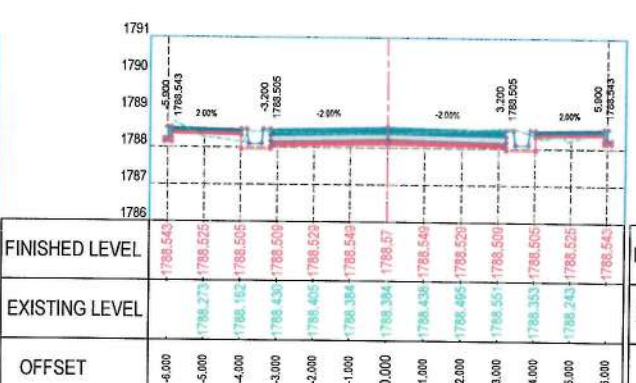
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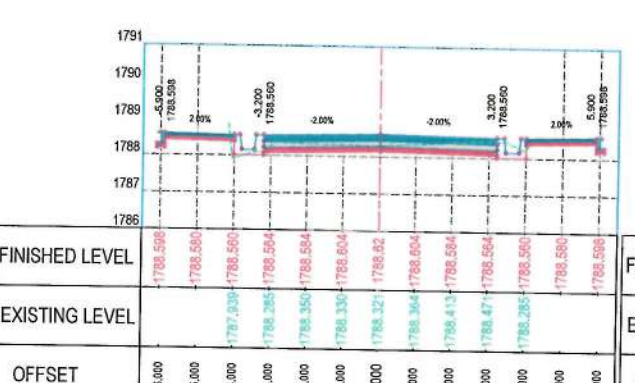
STATION=0+900



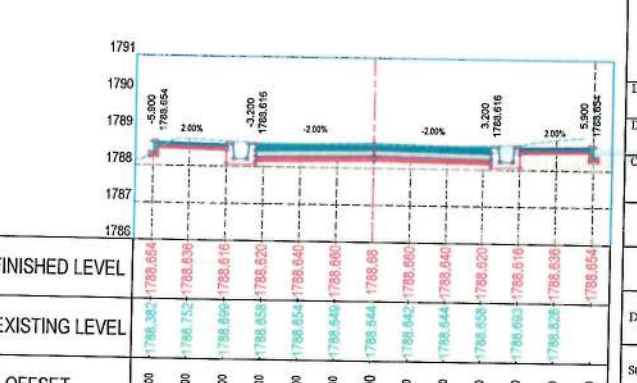
STATION=0+640



STATION=0+720



STATION=0+800



STATION=0+880

NOTE:

1. All dimensions are in meters unless otherwise indicated.



Date	Revision	Details	Drawn	Chkd	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed by:

KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

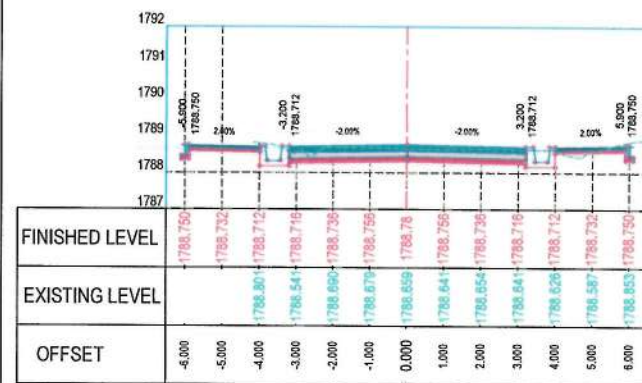
Drawing Title:
CROSS SECTIONS

Drawn:
Designed:
Checked:

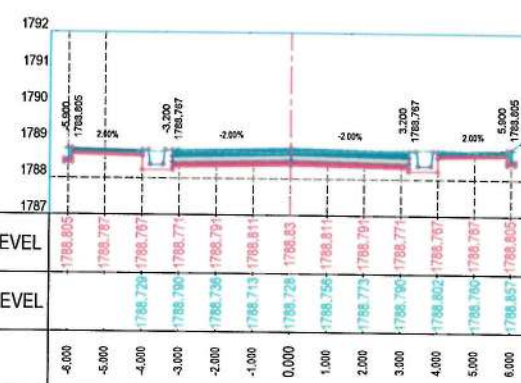
Date: 11/08/1445 Scale: 1:200

Status: FINAL DESIGN

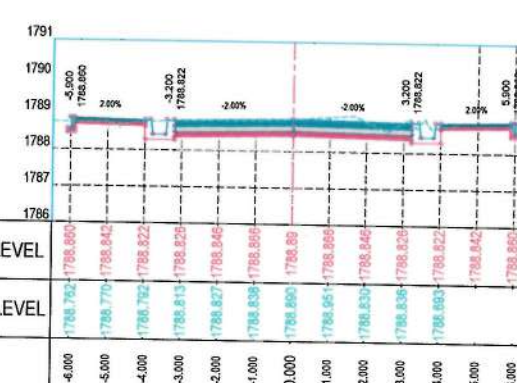
SHEET	PAGE NO	REVISION
CS-05 OF 24	57 OF 115	01



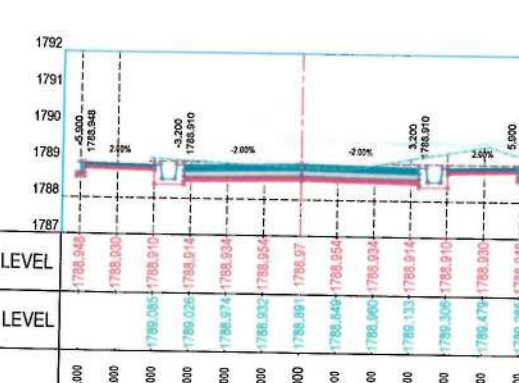
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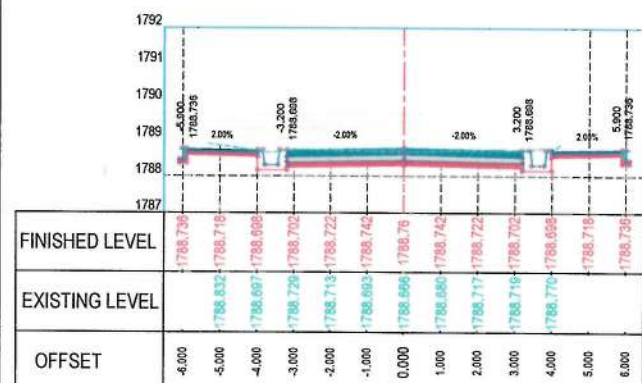
STATION=1+100



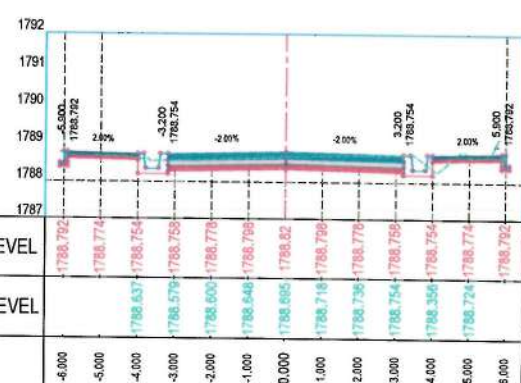
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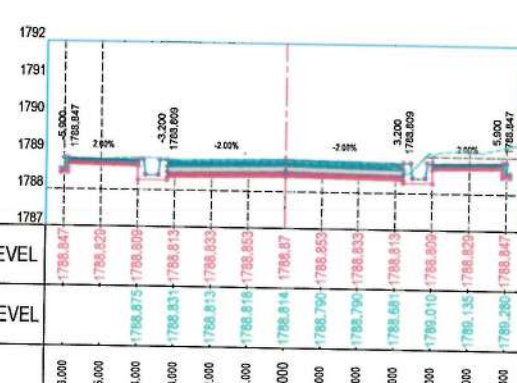
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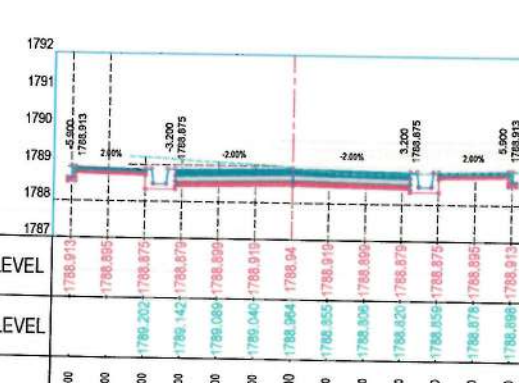
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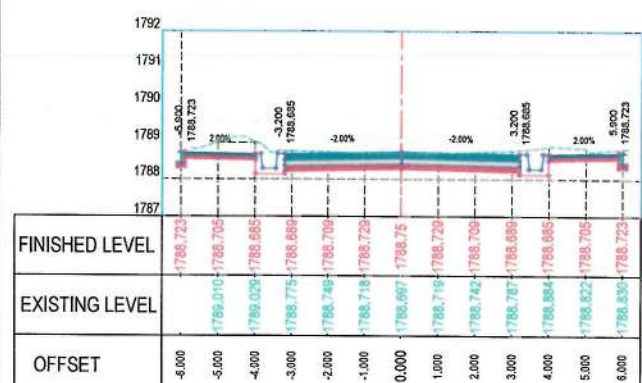
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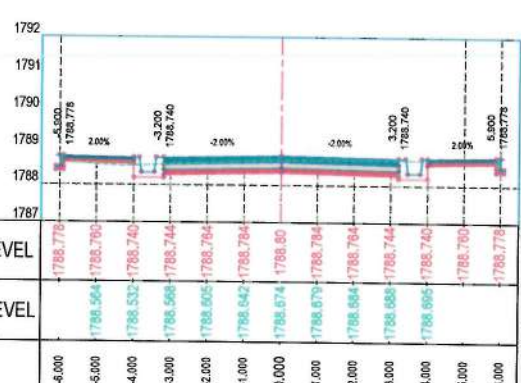
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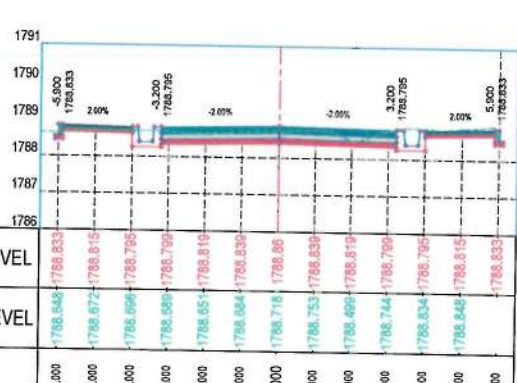
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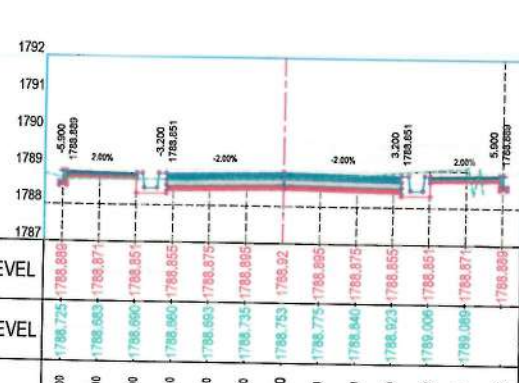
STATION=0+980



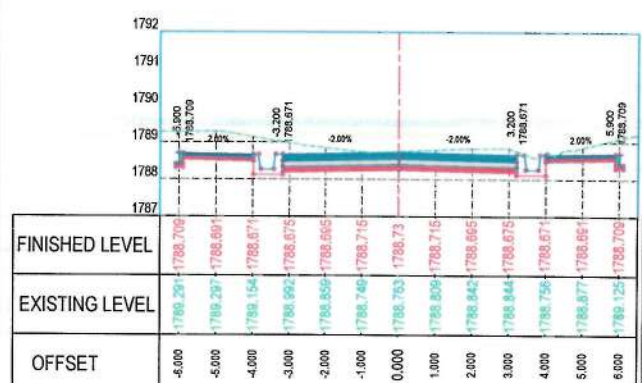
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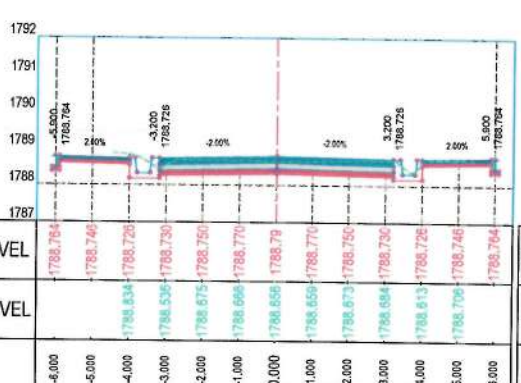
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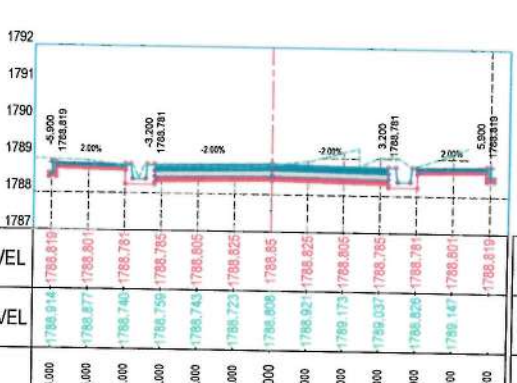
STATION=1+220



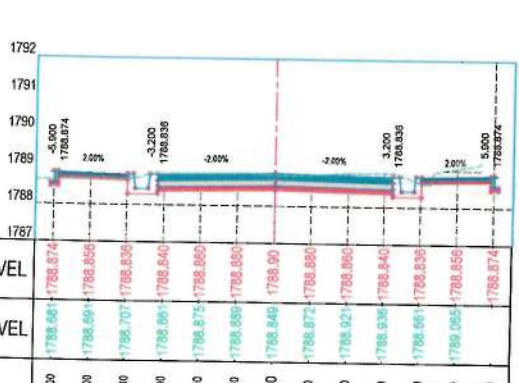
STATION=0+960



STATION=1+040



STATION=1+120



STATION=1+200

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



Date Revision Details Drawn Chkd. Appr.

ISLAMIC EMIRATE OF AFGHANISTAN

Designed by: KABUL MUNICIPALITY DESIGN TEAM

Project Name: Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title: CROSS SECTIONS

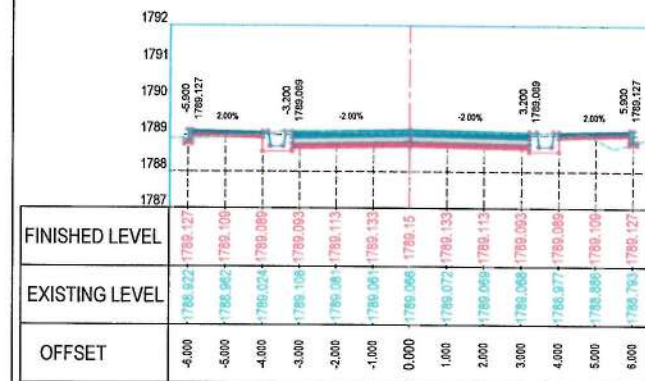
Drawn:
Designed:
Checked:
Hasibullah Shalizi

Date: 11/08/1445 Scale: 1:200

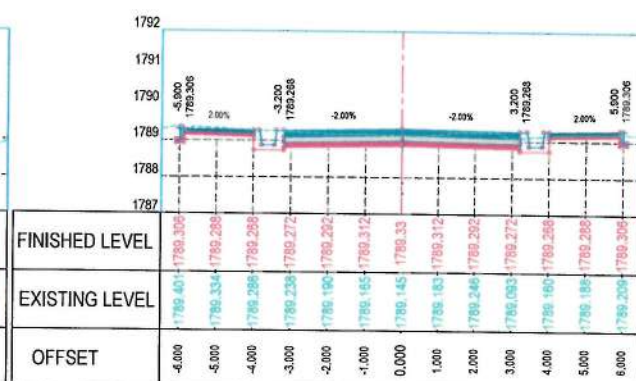
Status: FINAL DESIGN

Project Code

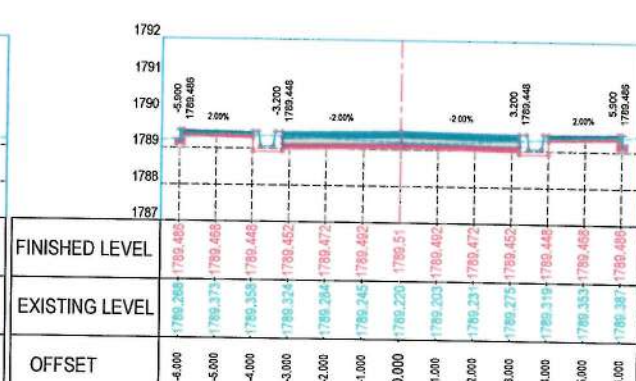
SHEET: CS-04 OF 24 PAGE NO: 58 OF 115 REVISION: 01



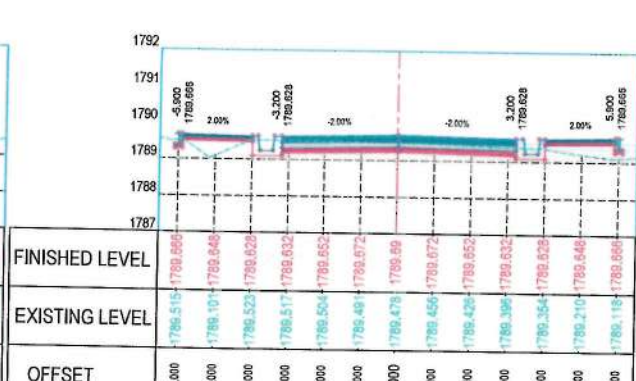
STATION=1+340



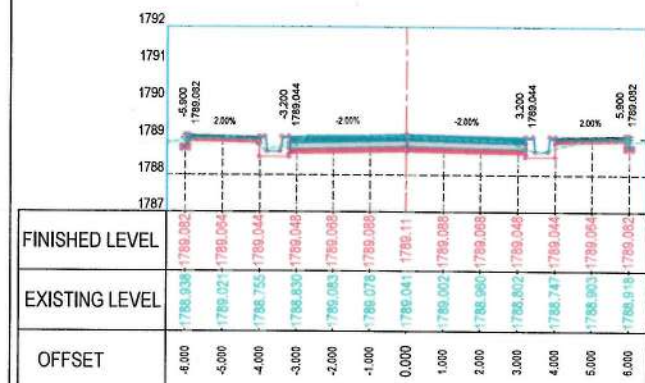
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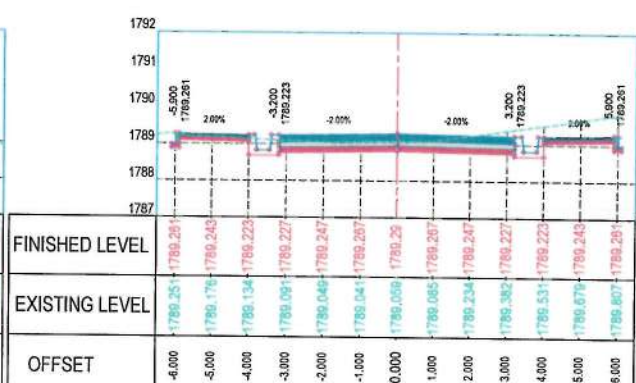
STATION=1+500



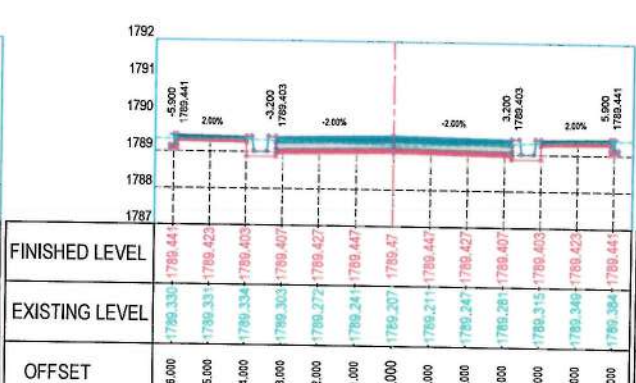
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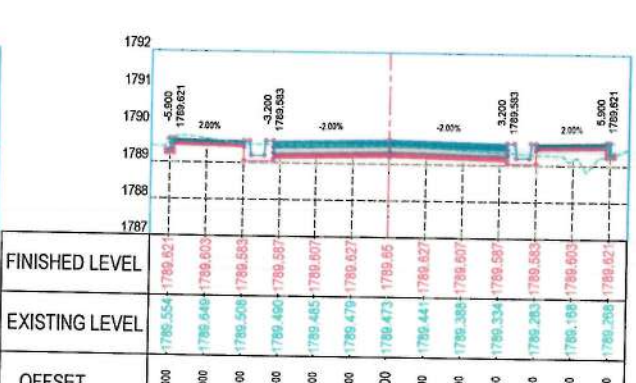
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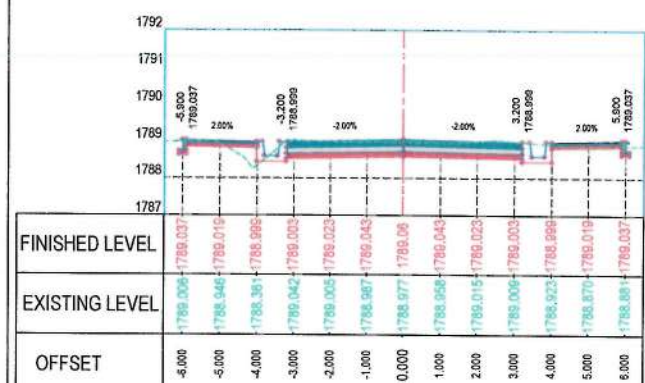
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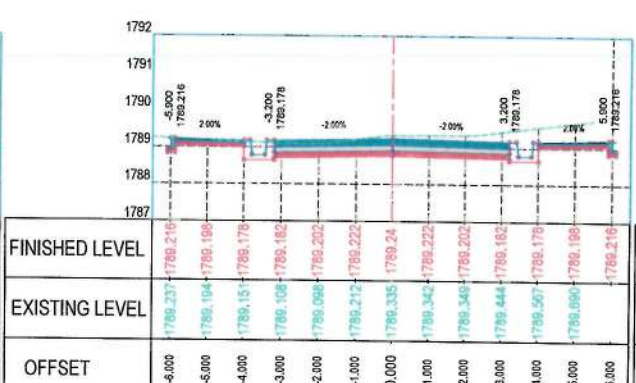
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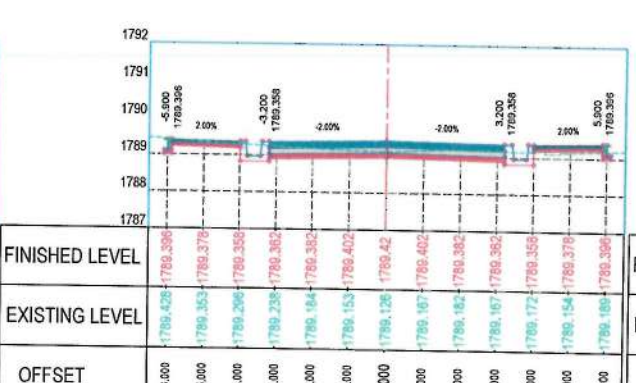
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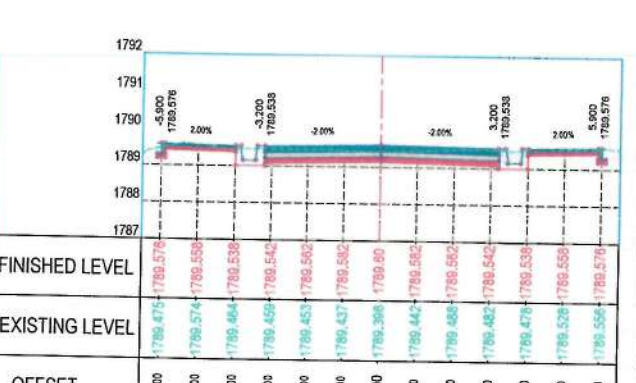
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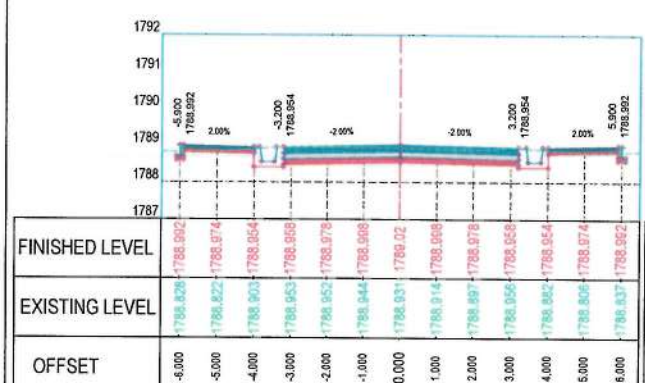
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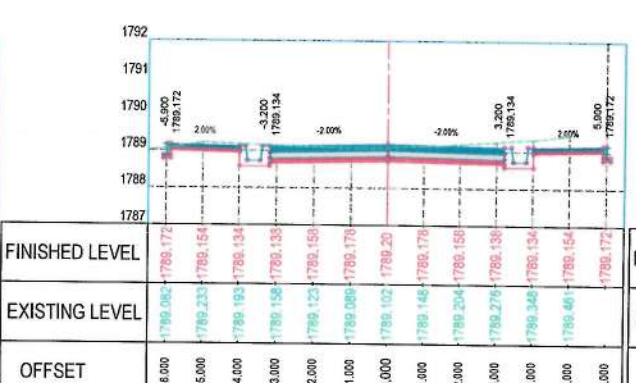
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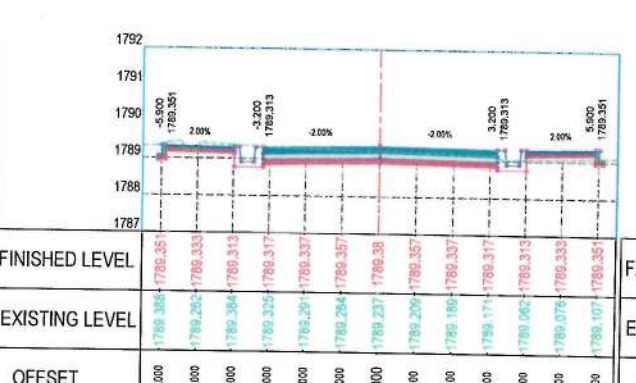
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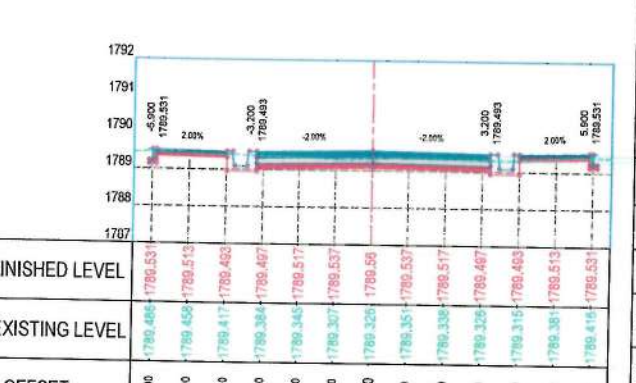
STATION=1+280



STATION=1+360



STATION=1+440



STATION=1+520

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



Date	Revision	Details	Drawn	Chkd	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed by

KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

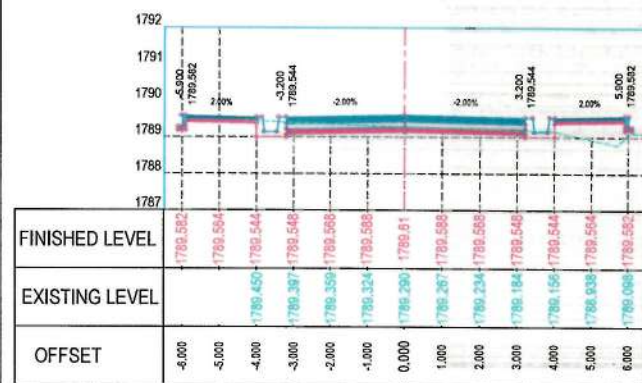
Drawing Title:
CROSS SECTIONS

Drawn:	Signature:
Designed:	Signature:
Checked:	Signature:
Hasibullah Shalizi	

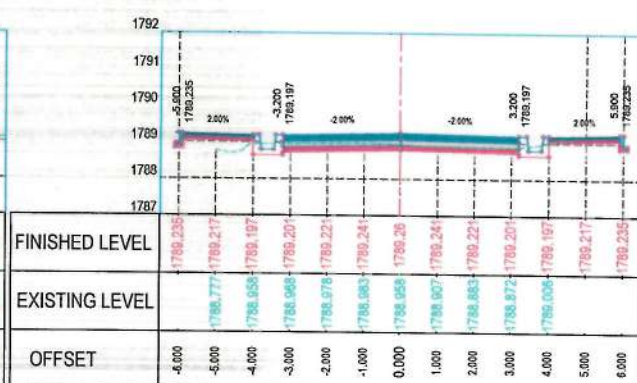
Date: 11/08/1445 Scale: 1:200

Status: FINAL DESIGN

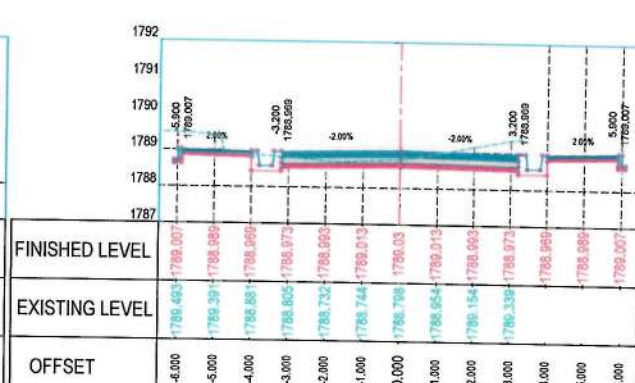
SHBET	PAGE NO	REVISION
CS-05 OF 24	59 OF 115	01



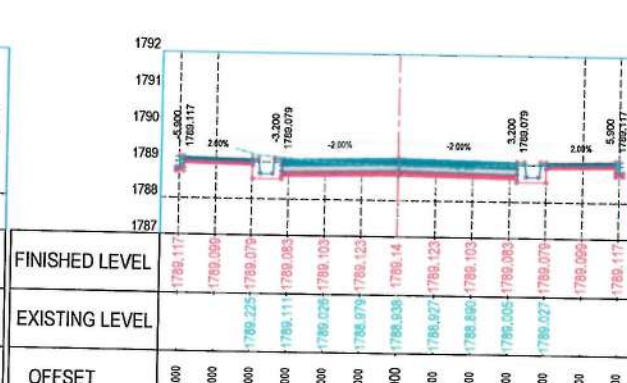
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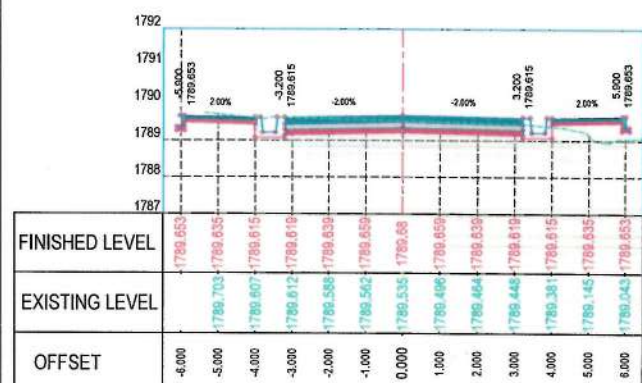
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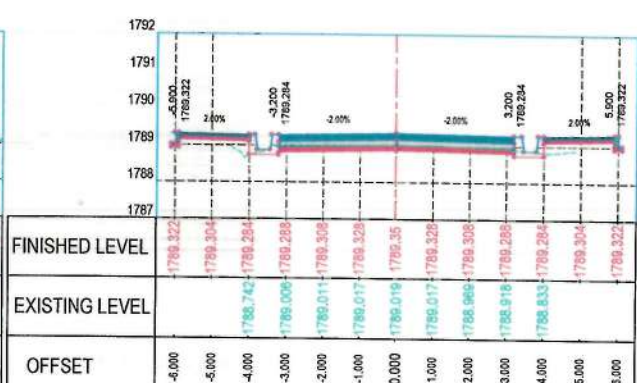
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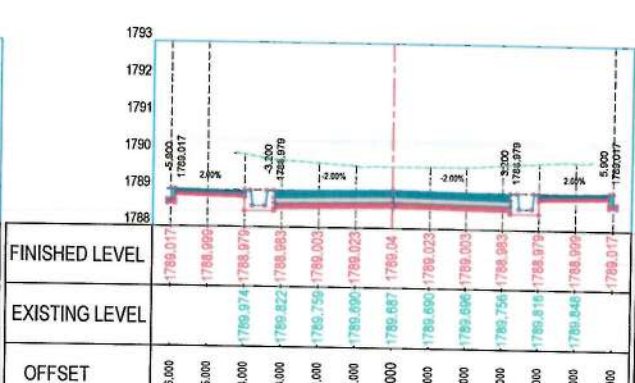
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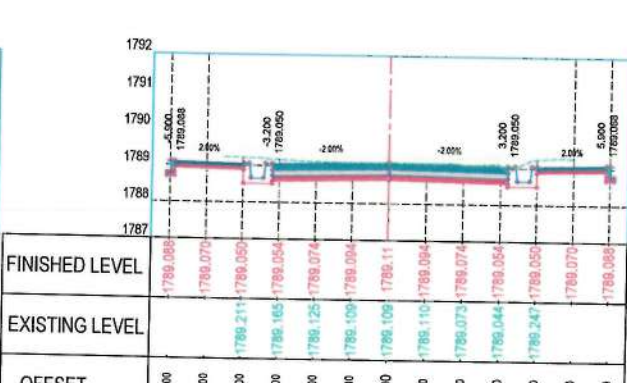
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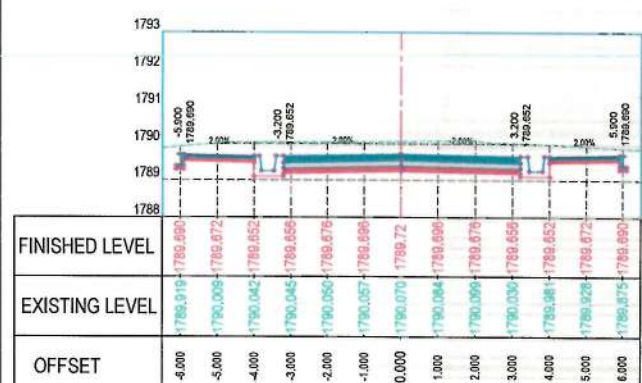
STATION=1+720



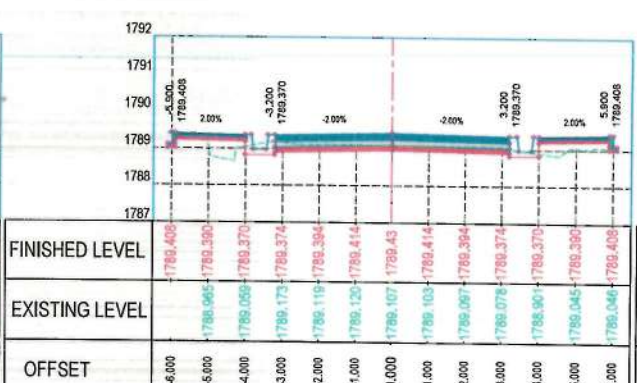
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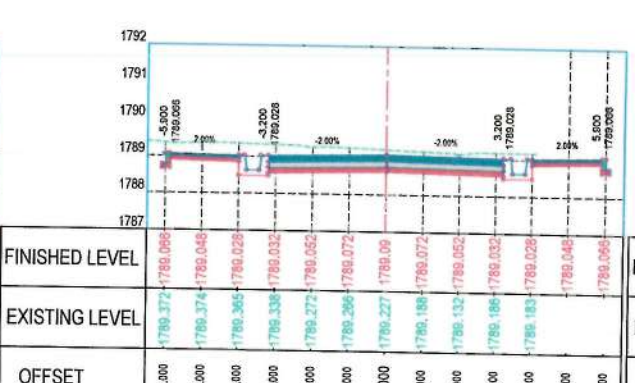
STATION=1+880



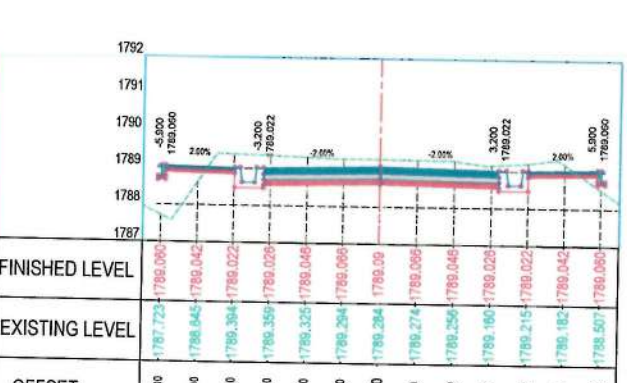
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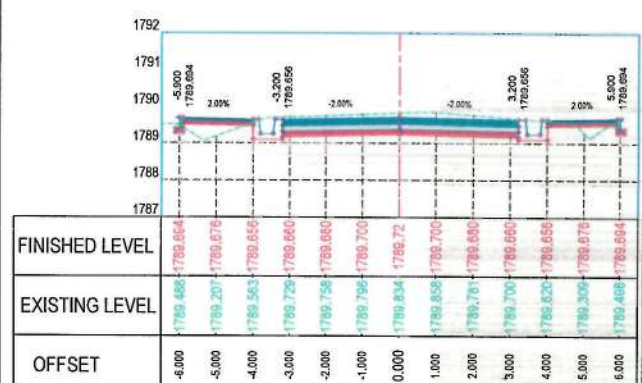
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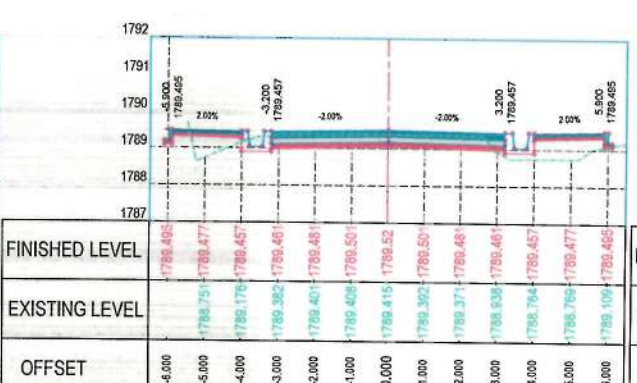
STATION=1+780



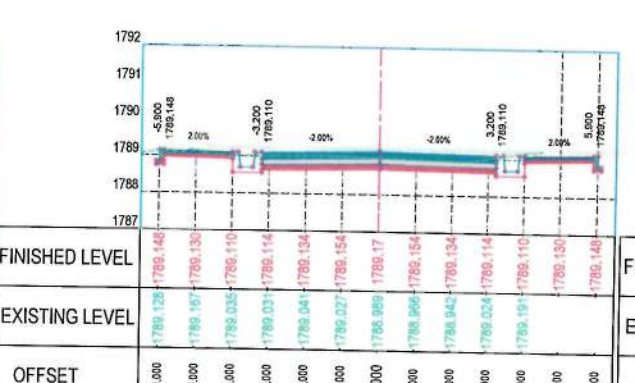
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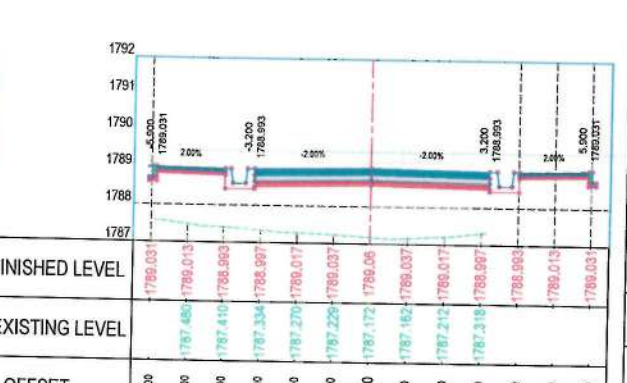
STATION=1+600



STATION=1+680



STATION=1+760



STATION=1+840

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

د افغانستان اسلامي امارت
کابل ښاروالۍ
ډیپارټمنټ زير بناو رښت

1422

Date	Revision	Details	Drawn	Chkd	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed by:

KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
CROSS SECTIONS

Drawn: Matullah Hussainzai
Designed: Matullah Hussainzai
Checked: Habibullah Shalizi

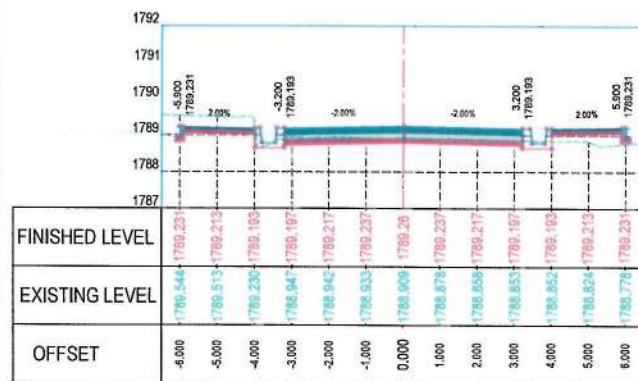
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Signature: [Signature]
Signature: [Signature]

Date: 11/08/1445 Scale: 1:200

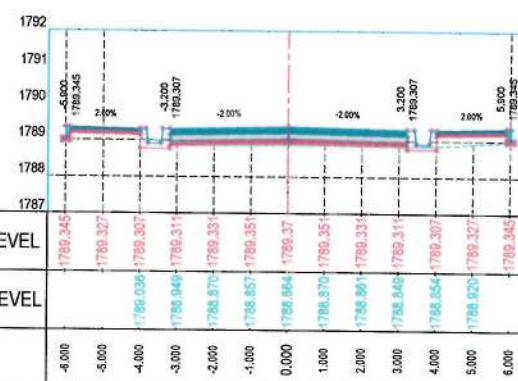
Status: FINAL DESIGN

Project Code:

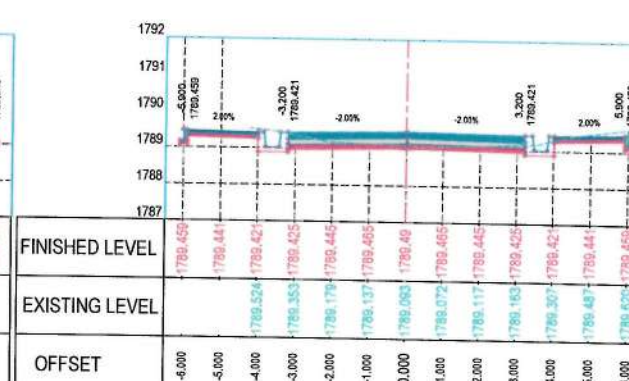
SHEET	PAGE NO	REVISION
CS-06 OF 24	60 OF 115	01



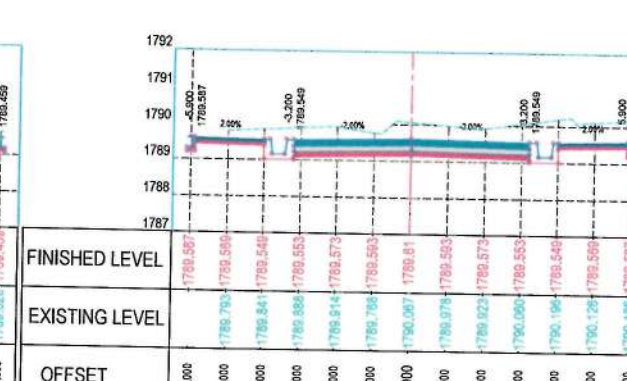
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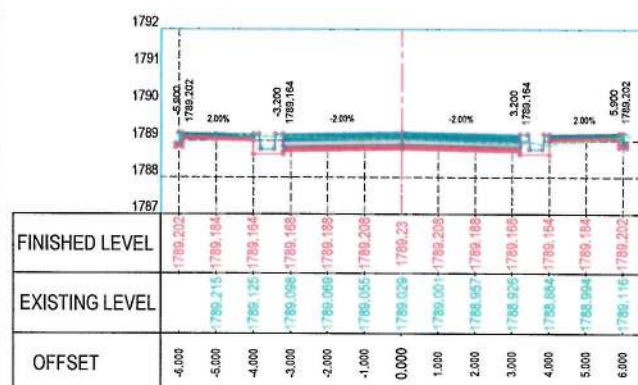
STATION=2+060



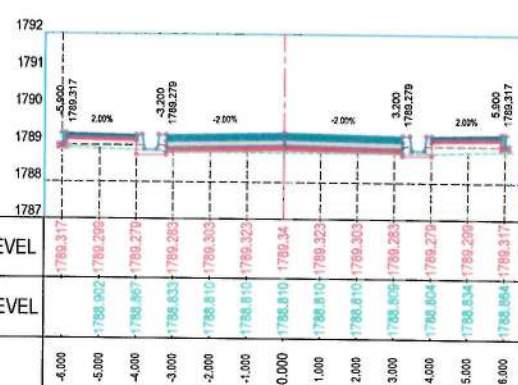
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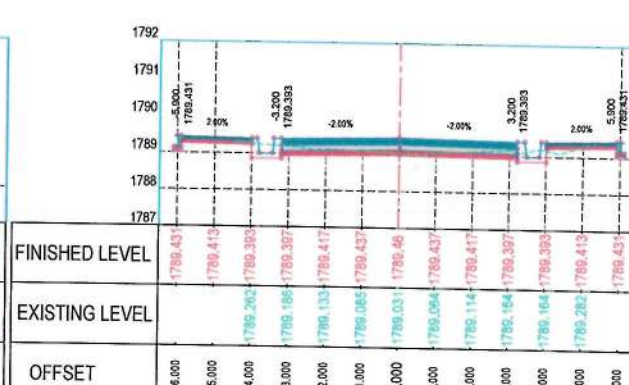
STATION=2+220



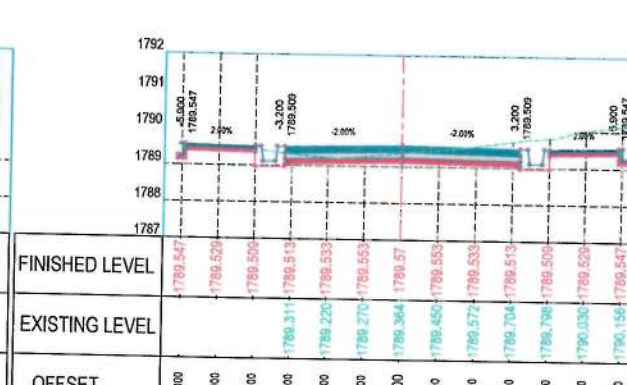
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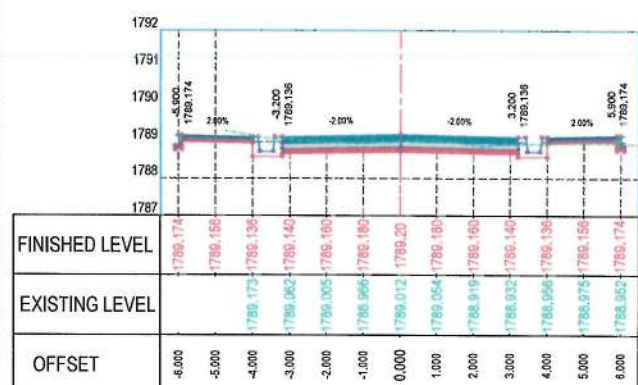
STATION=2+040



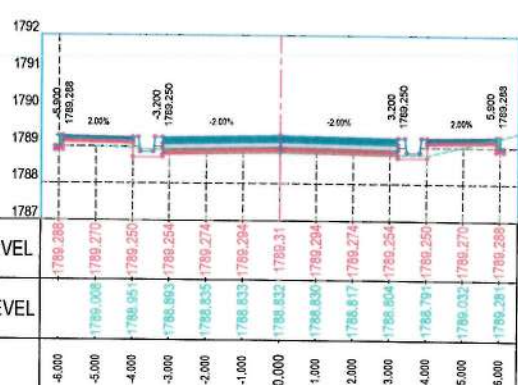
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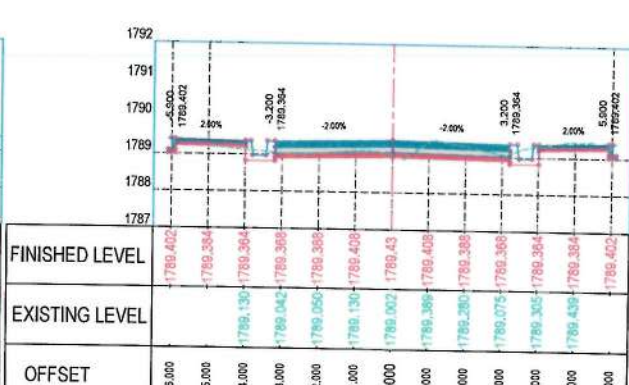
STATION=2+200



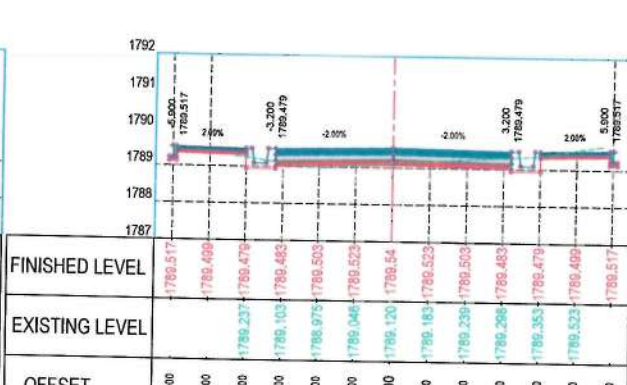
STATION=1+940



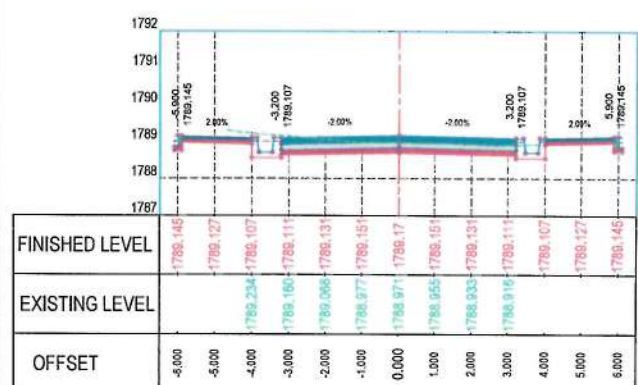
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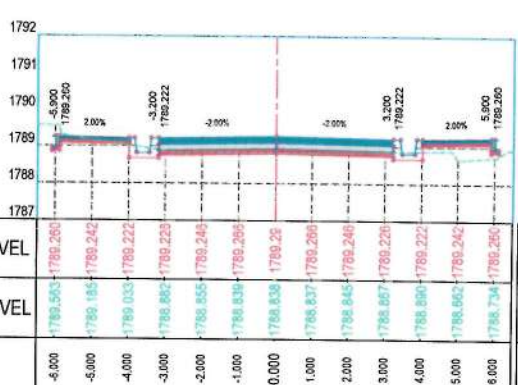
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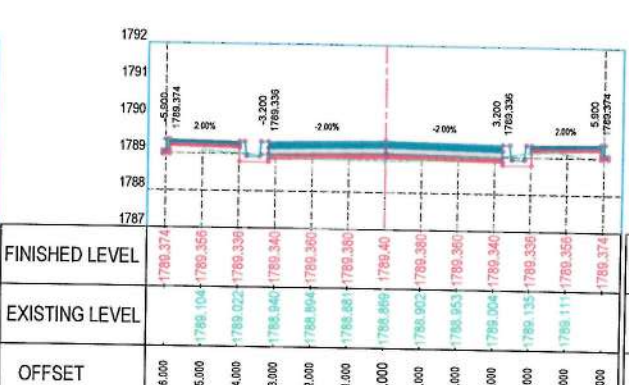
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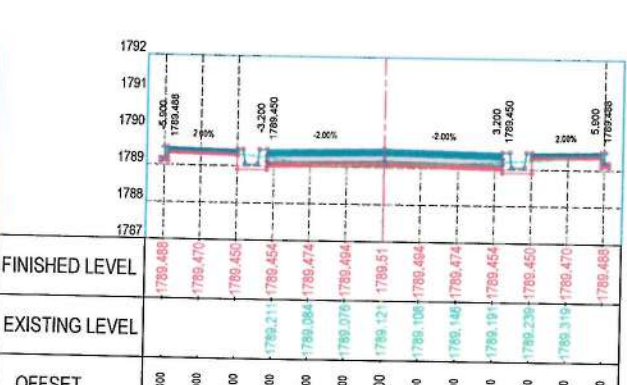
STATION=1+920



STATION=2+000



STATION=2+080



STATION=2+160

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



Date Revision Details Drawn Chkd Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed by:
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
CROSS SECTIONS

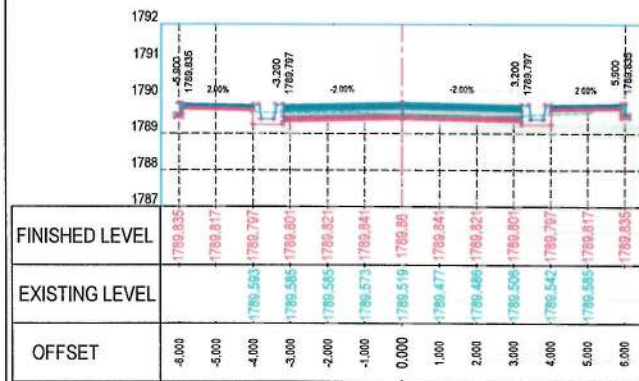
Drawn: Matullah Hussainzai
Designed: Matullah Hussainzai
Checked: Hasibullah Shalizi

Date: 11/08/1445 Scale: 1:200

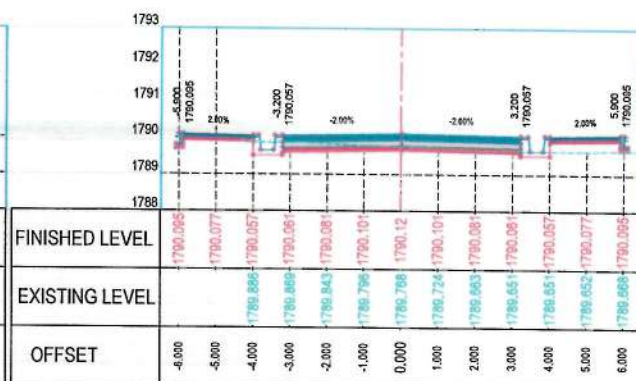
Status: FINAL DESIGN

Project Code

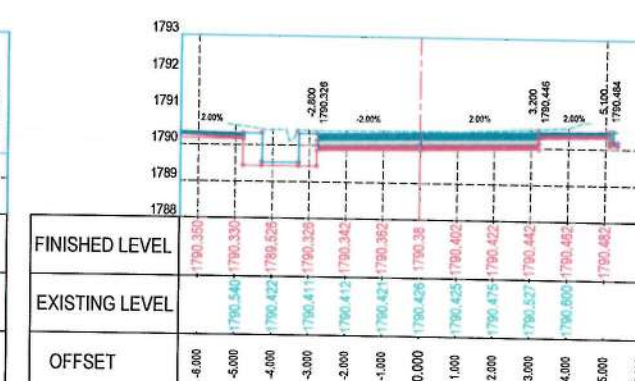
SHEET: CS-07 OF 24
PAGE NO: 61 OF 115
REVISION: 01



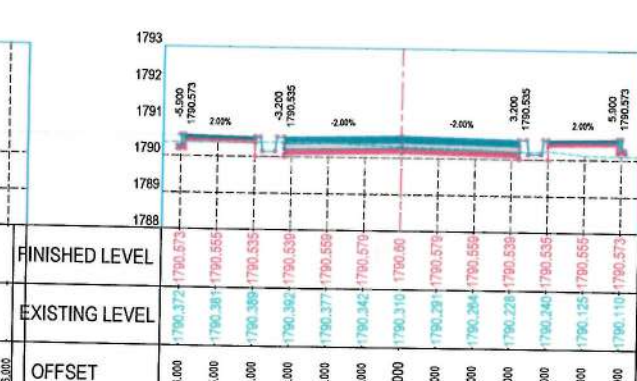
STATION=2+300



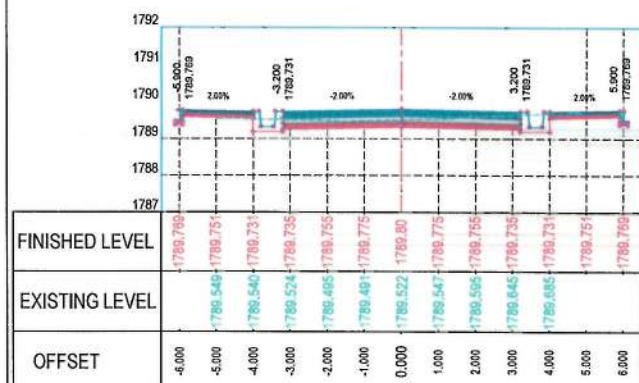
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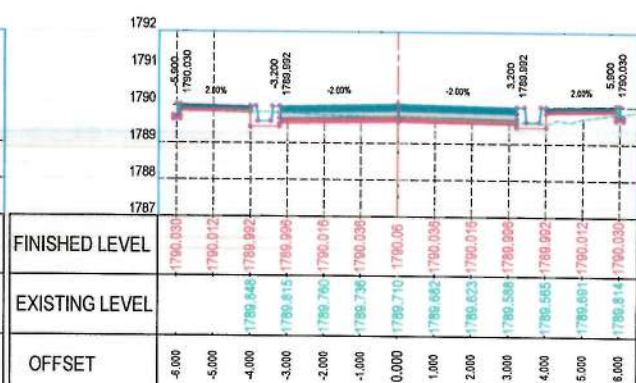
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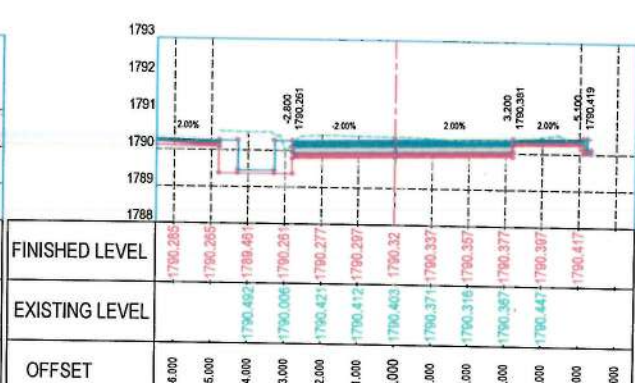
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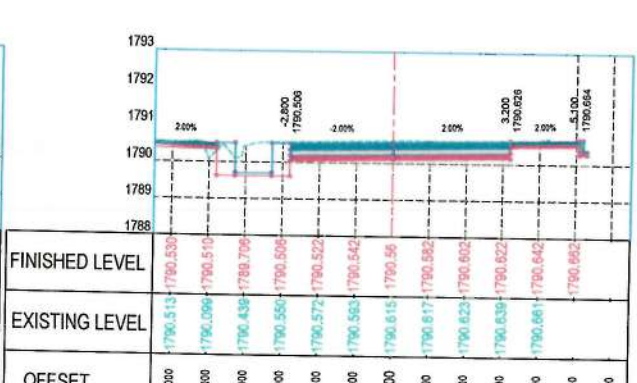
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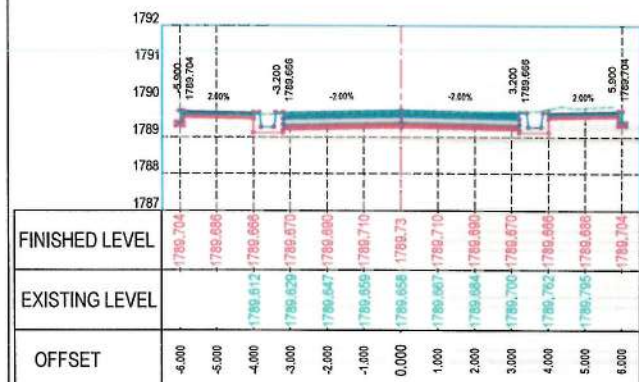
STATION=2+360



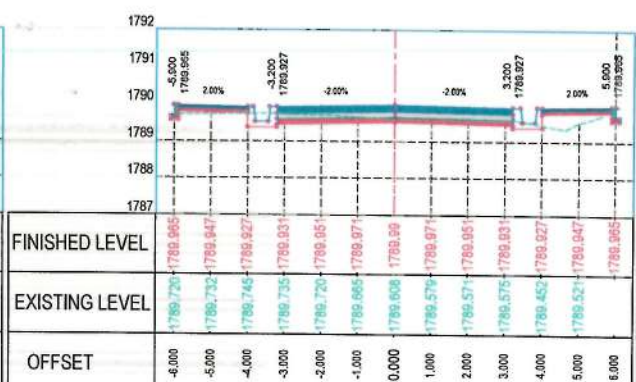
STATION=2+440



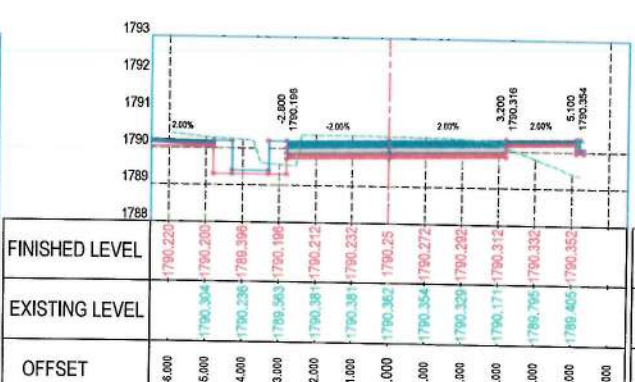
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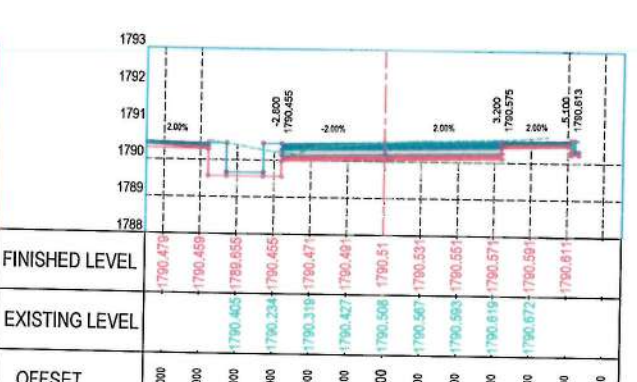
STATION=2+260



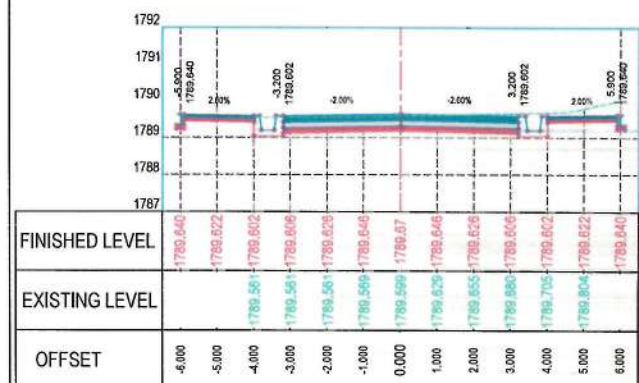
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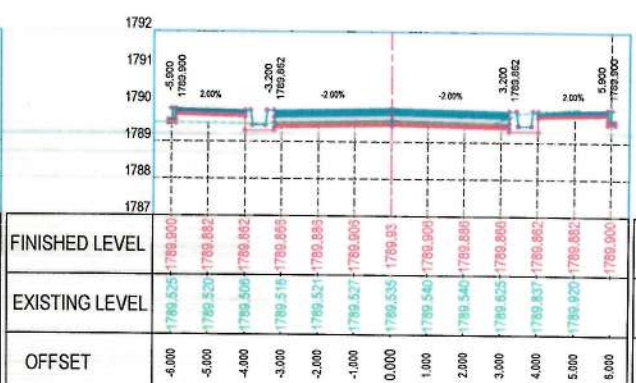
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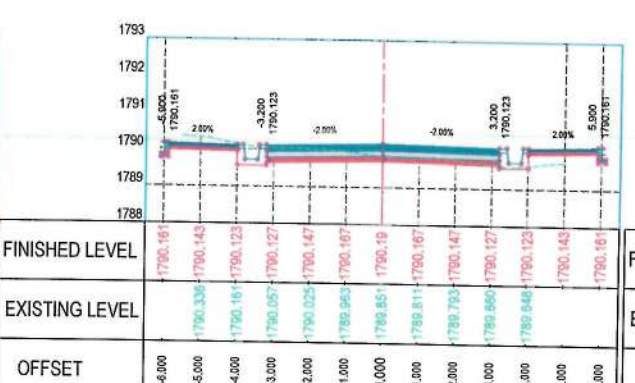
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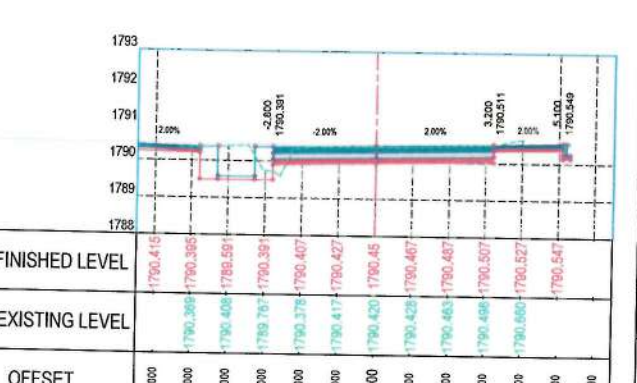
STATION=2+240



STATION=2+320



STATION=2+400



STATION=2+480

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

د افغانستان اسلامي امارت
کابل ښاروالۍ
د ښار پلان او جوړښت وزارت
کابل ښاروالۍ
دیزاین ټیم

Date	Revision	Details	Drawn	Chkd	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed by:
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
CROSS SECTIONS

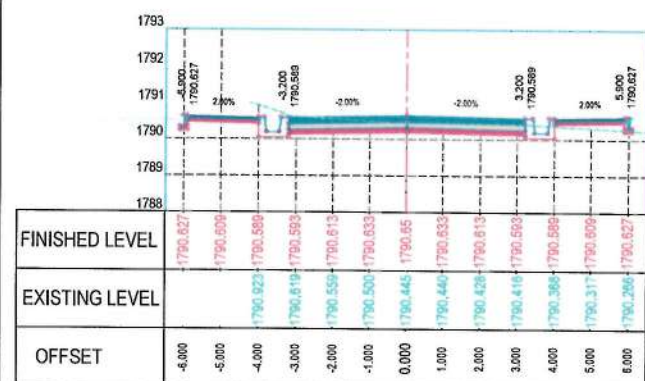
Drawn:	Signature:
Mattullah Hussainzai	
Designed:	Signature:
Mattullah Hussainzai	
Checked:	Signature:
Hasibullah Shalizi	

Date: 11/08/1445 Scale: 1:200

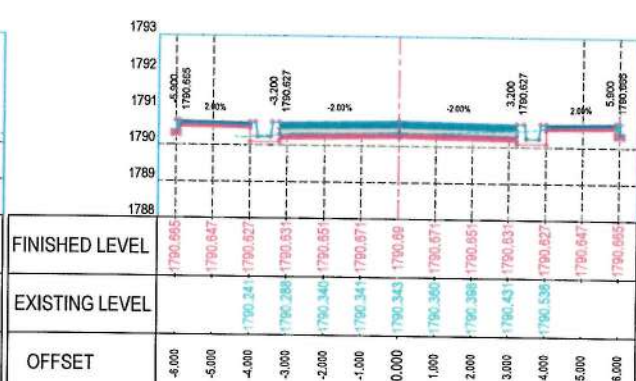
Status: FINAL DESIGN

Project Code:

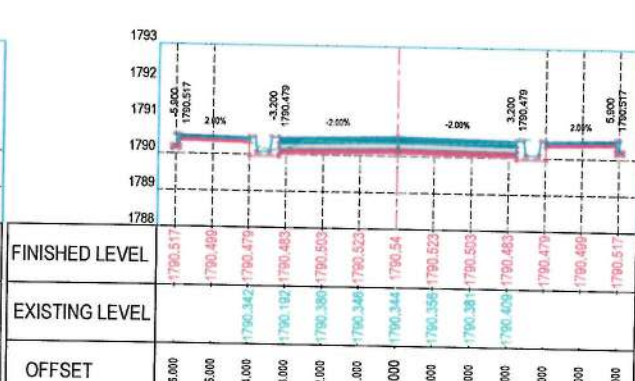
SHEET	PAGE NO	REVISION
CS-08 OF 24	62 OF 115	01



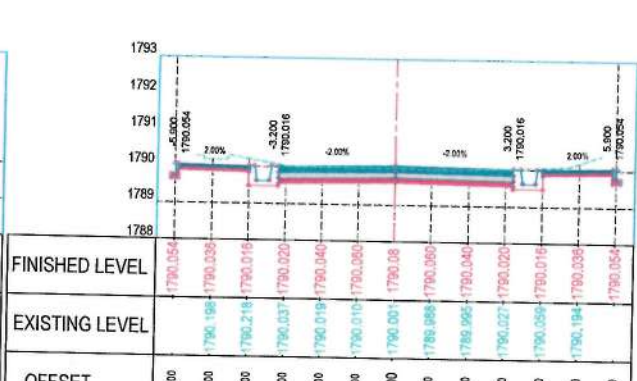
STATION=2+620



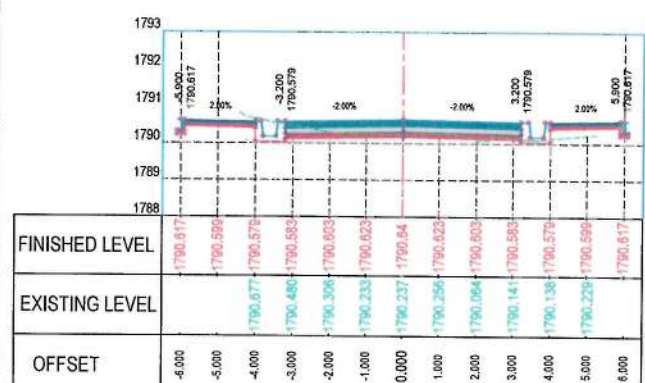
STATION=2+700



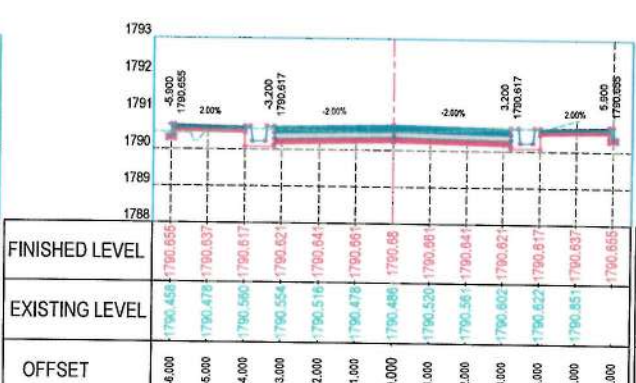
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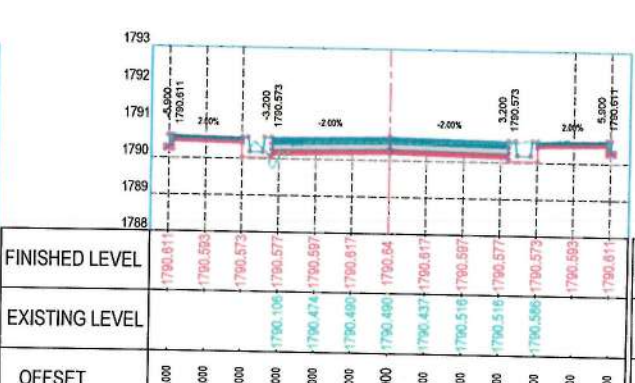
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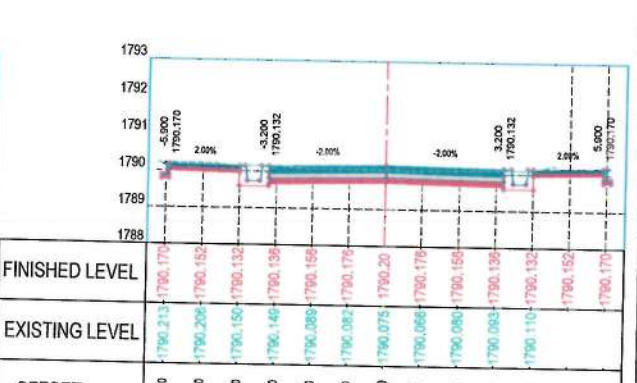
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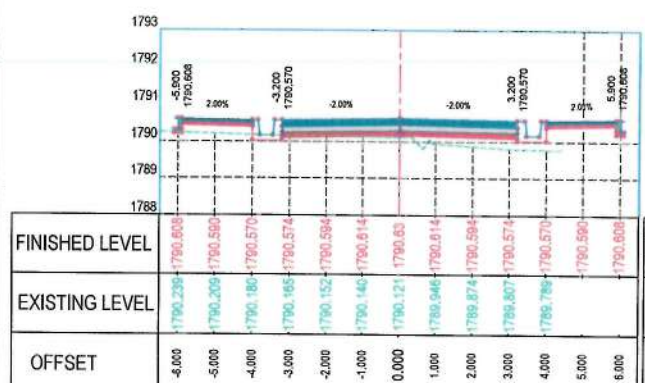
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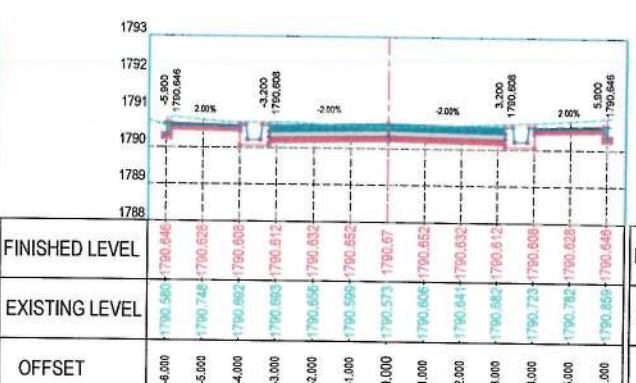
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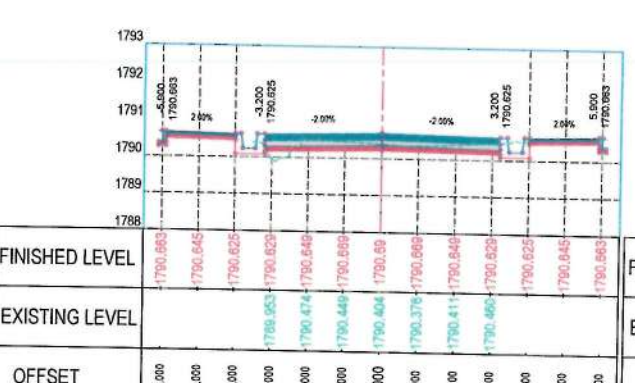
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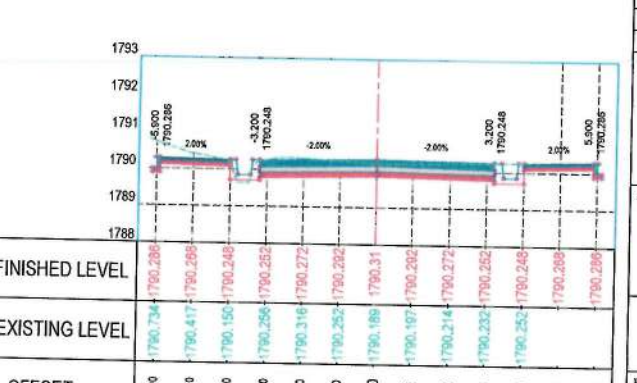
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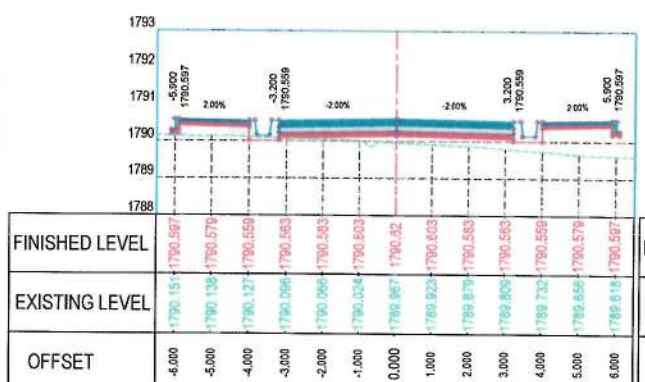
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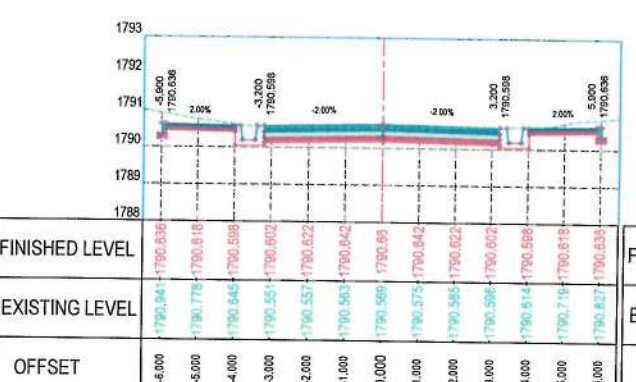
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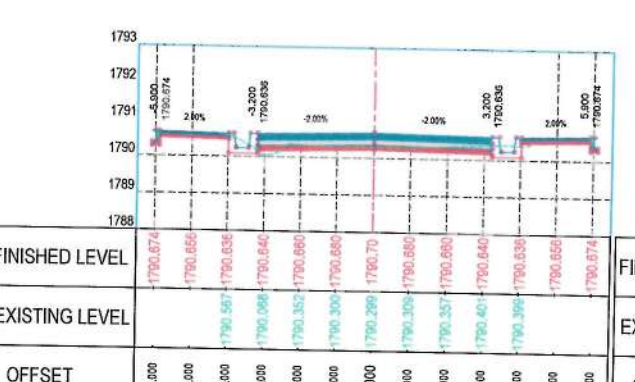
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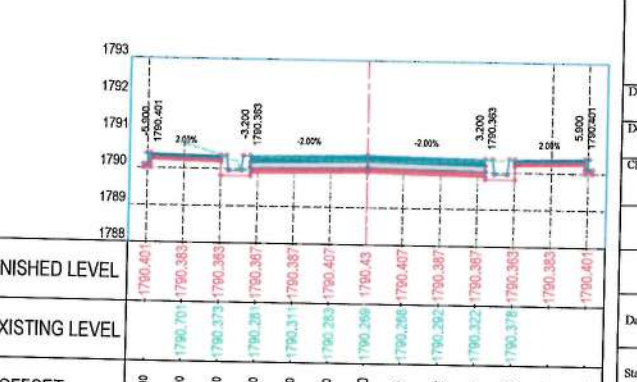
STATION=2+560



STATION=2+640



STATION=2+720



STATION=2+800

NOTE:

- All dimensions are in meters unless otherwise indicated.



ISLAMIC EMIRATE OF AFGHANISTAN

Designed by:
KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Construction of road from Bagrangi bridge
to near of the Bene Hesar

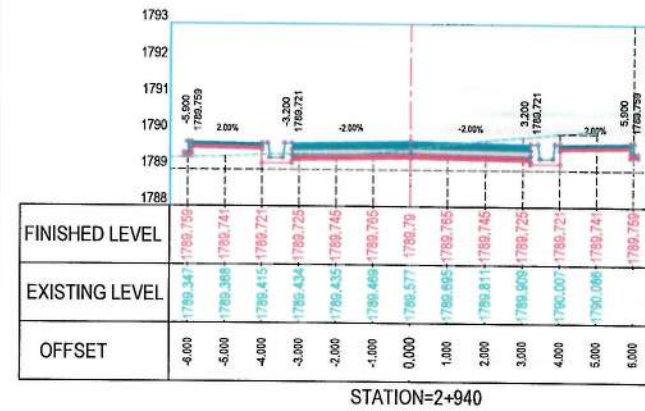
Drawing Title:
CROSS SECTIONS

Drawn: Matullah Hussainzai
Designed: Matullah Hussainzai
Checked: Hasibullah Shalizi

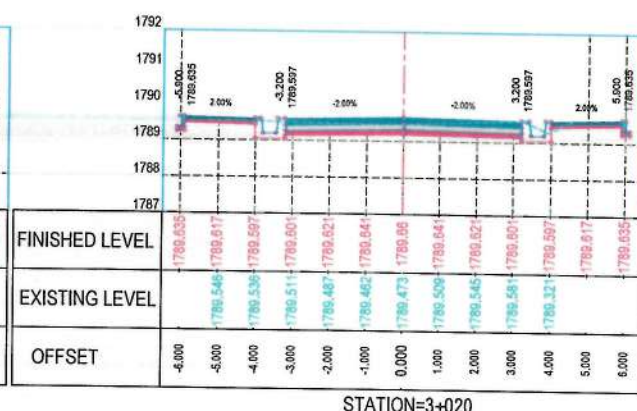
Date: 11/08/1445 Scale: 1:200

Status: FINAL
DESIGN

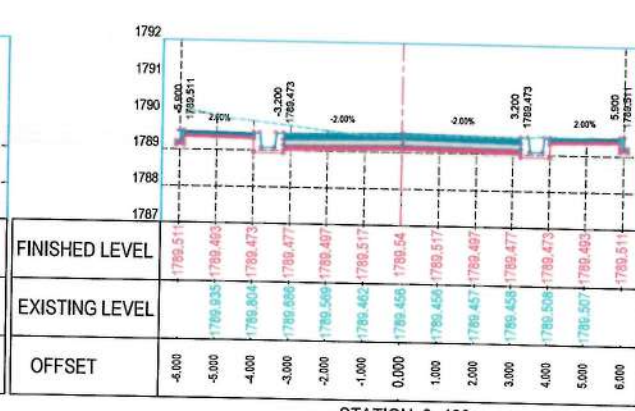
Project Code:
SHEET PAGE NO REVISION
CS-09 OF 24 63 OF 115 01



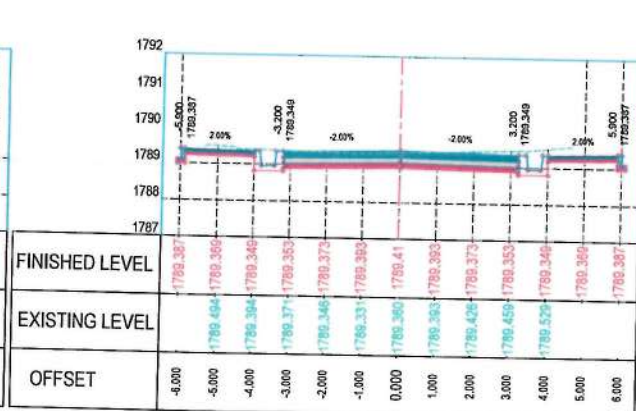
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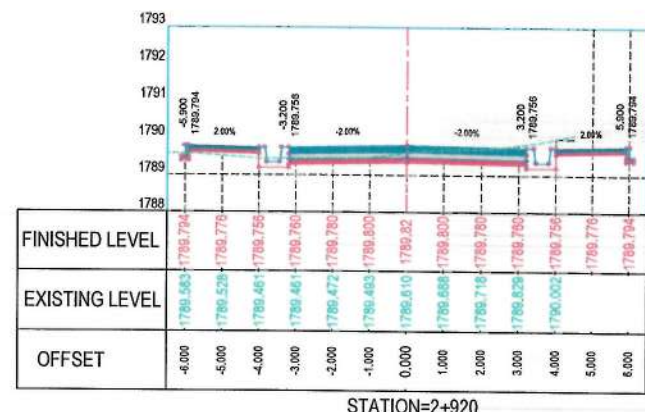
STATION=3+020



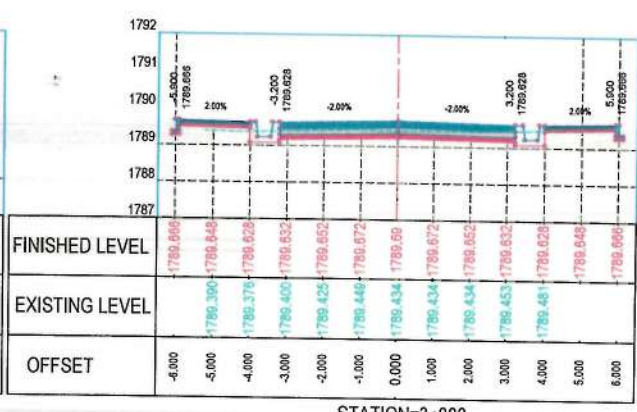
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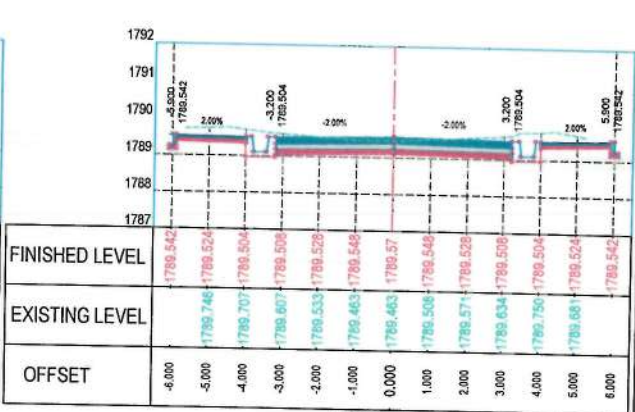
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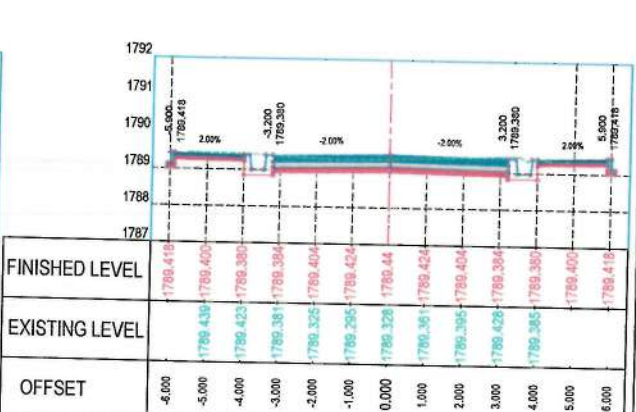
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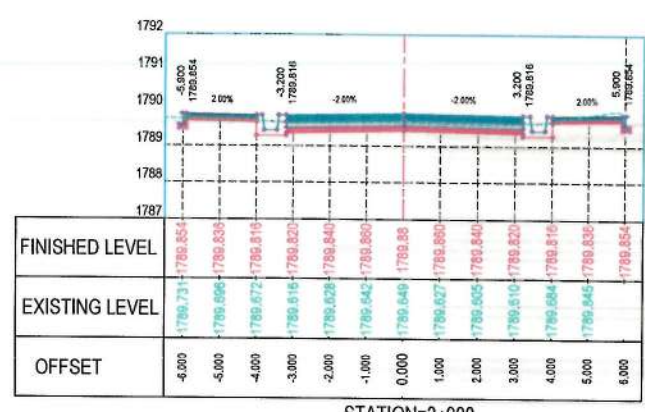
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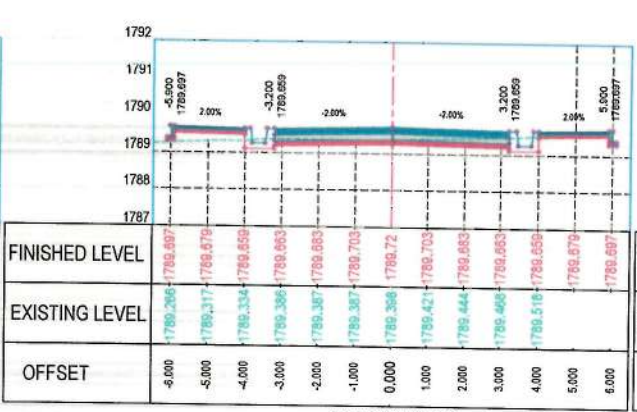
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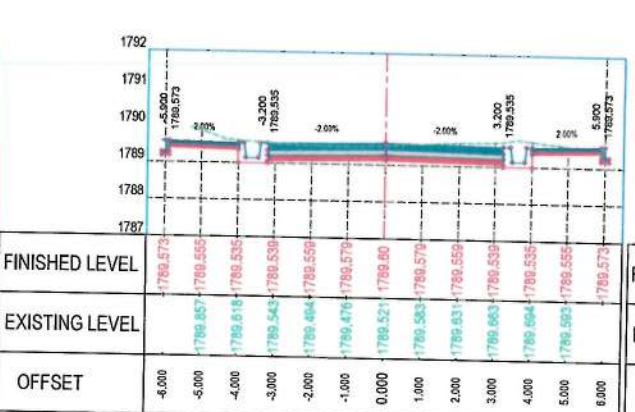
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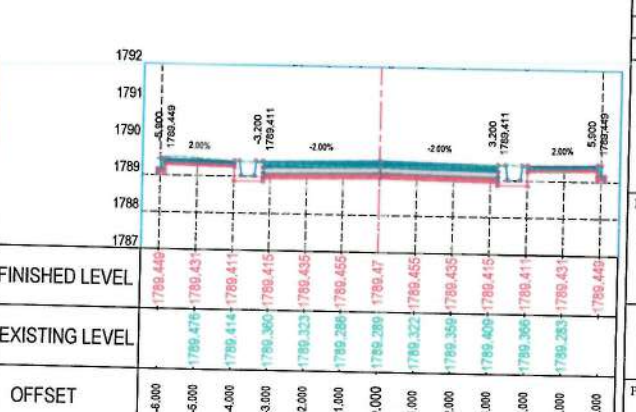
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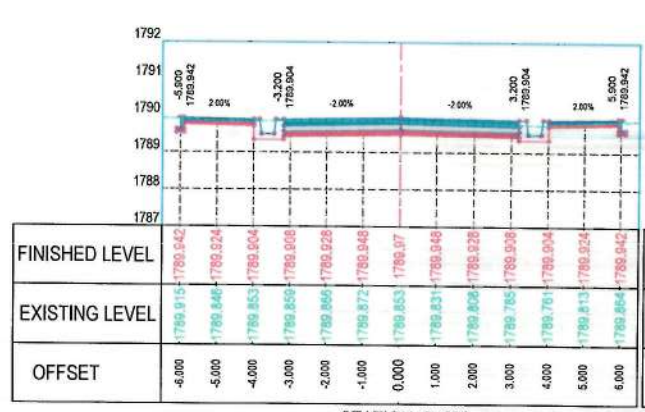
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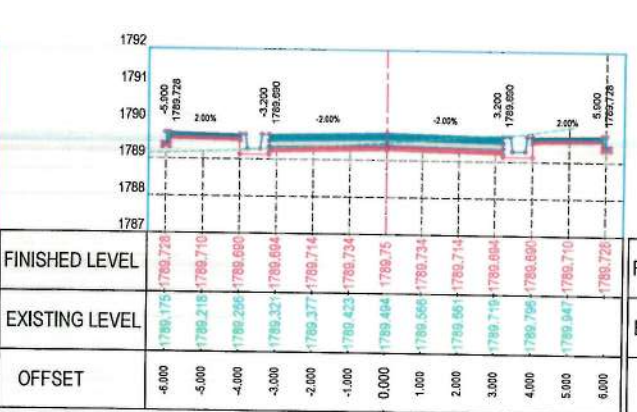
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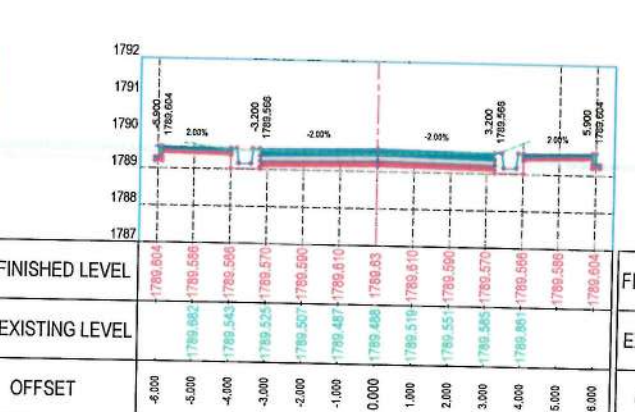
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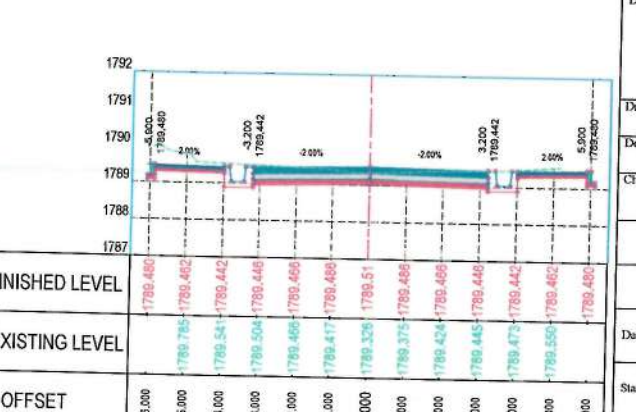
STATION=2+880



STATION=2+960



STATION=3+040



STATION=3+120

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

ISLAMIC EMIRATE OF AFGHANISTAN
KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
CROSS SECTIONS

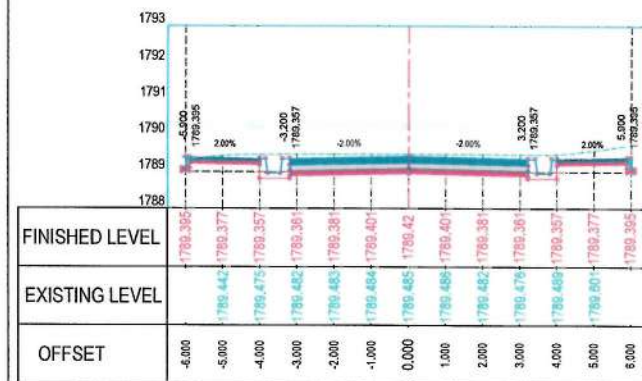
Drawn: Mullah Hussainzai
Designed: Mullah Hussainzai
Checked: Hamidullah Shalizi

Date: 11/08/1445
Scale: 1:200

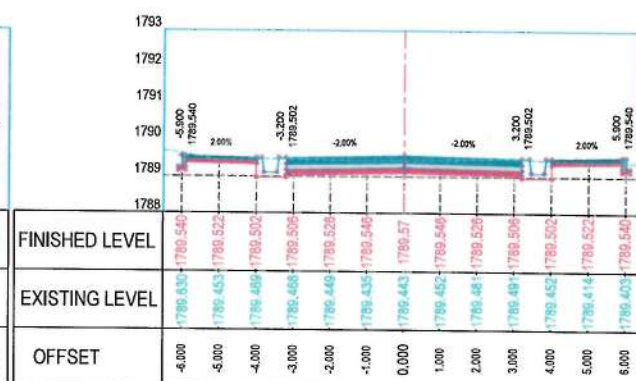
Status: FINAL DESIGN

Project Code:

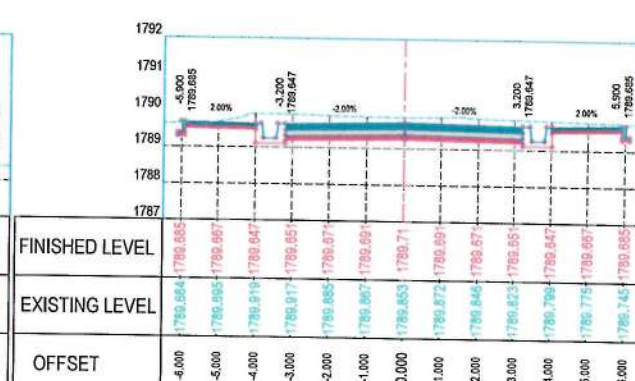
SHEET: CS-10 OF 24
PAGE NO: 64 OF 115
REVISION: 01



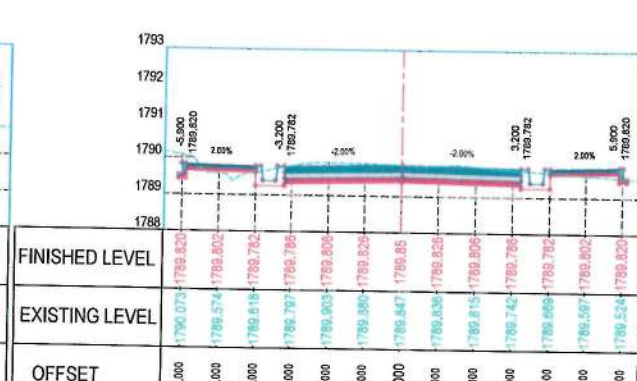
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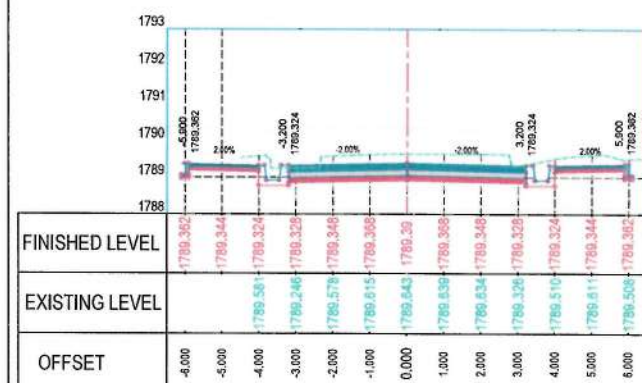
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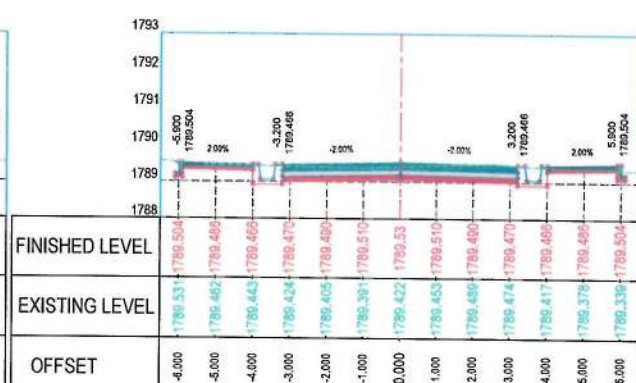
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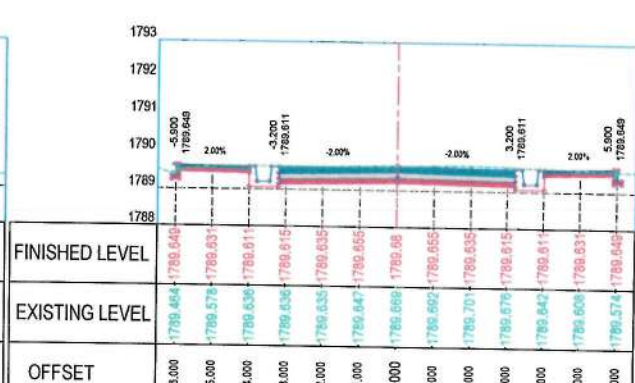
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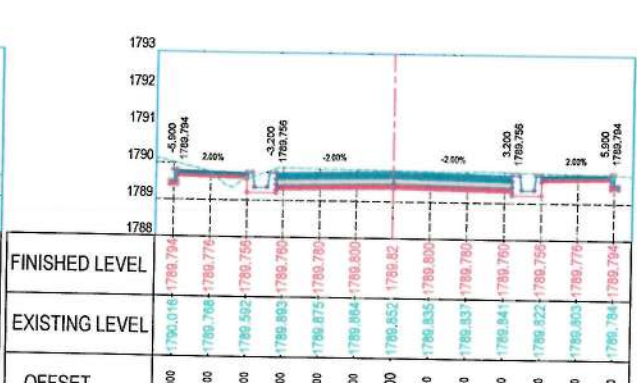
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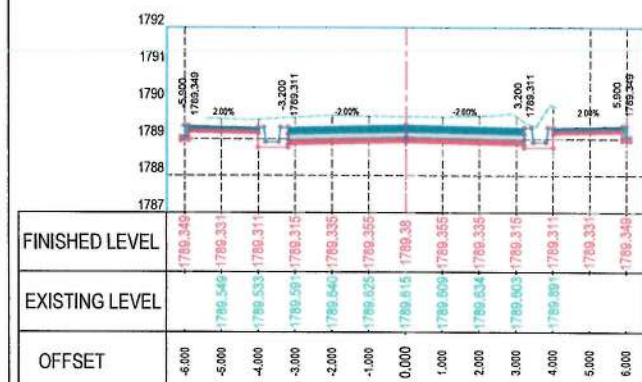
STATION=3+320



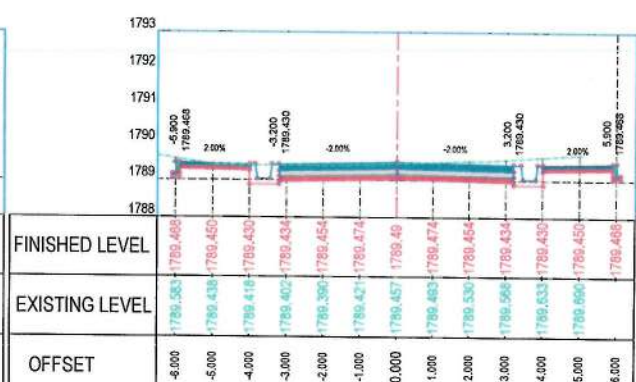
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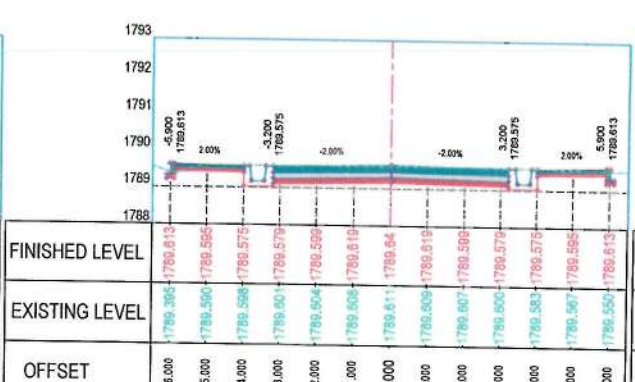
STATION=3+480



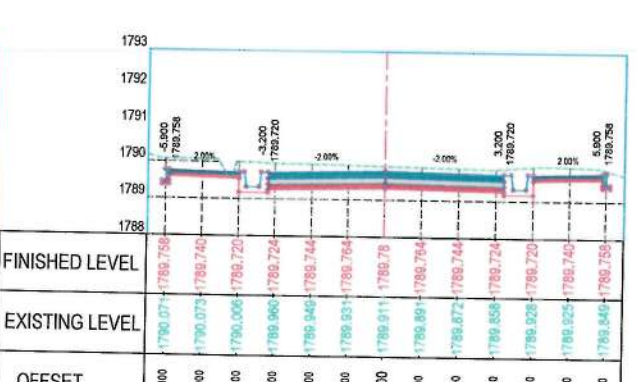
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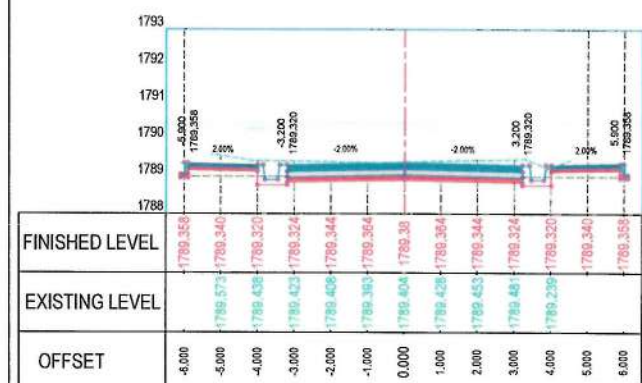
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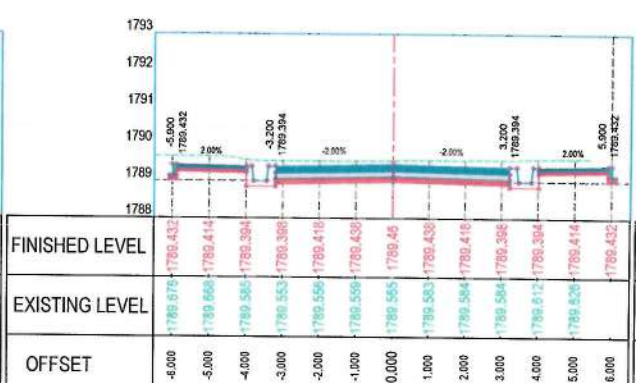
STATION=3+380



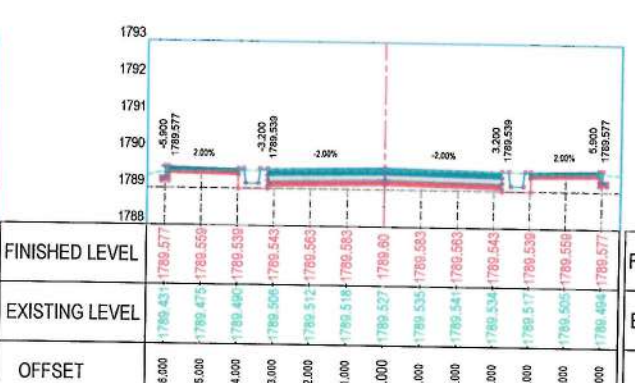
STATION=3+460



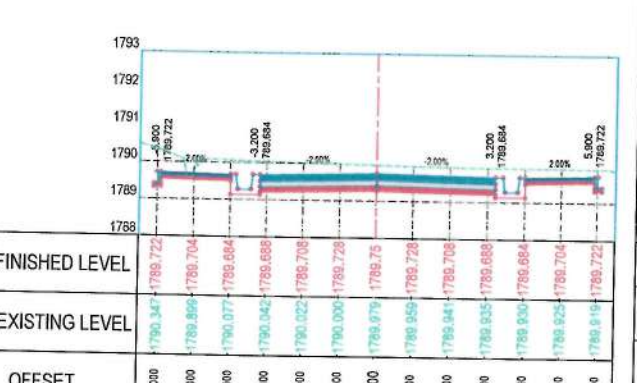
STATION=3+200



STATION=3+280



STATION=3+360

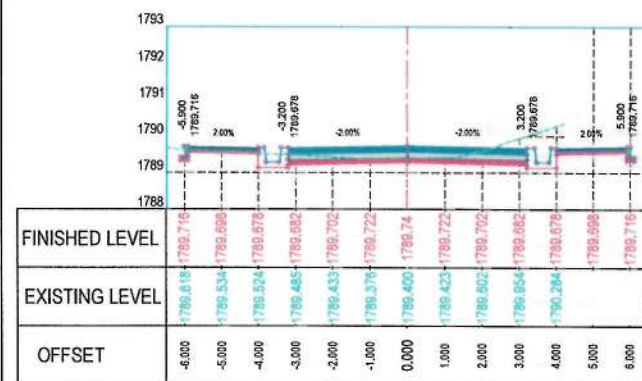


STATION=3+440

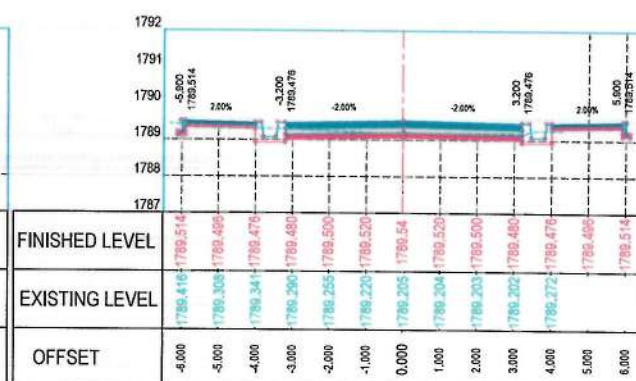
NOTE:
1. All dimensions are in meters unless otherwise indicated.



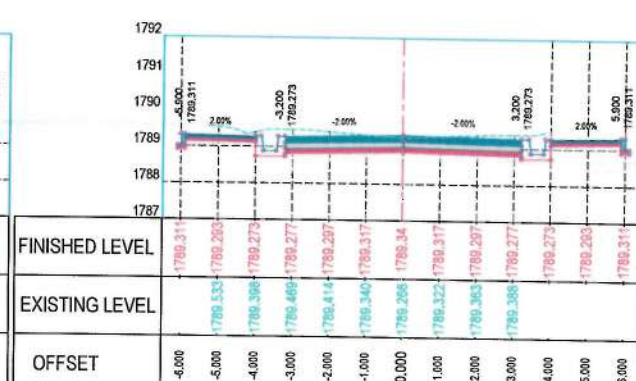
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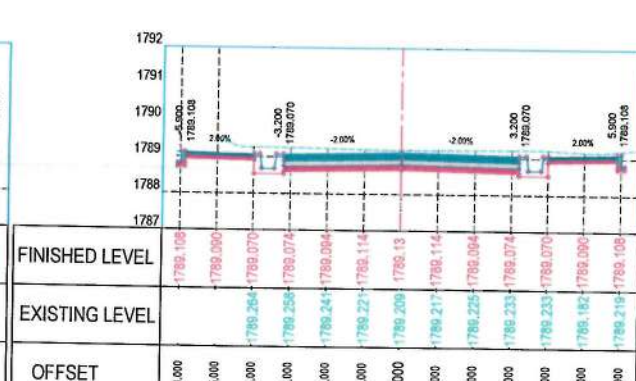
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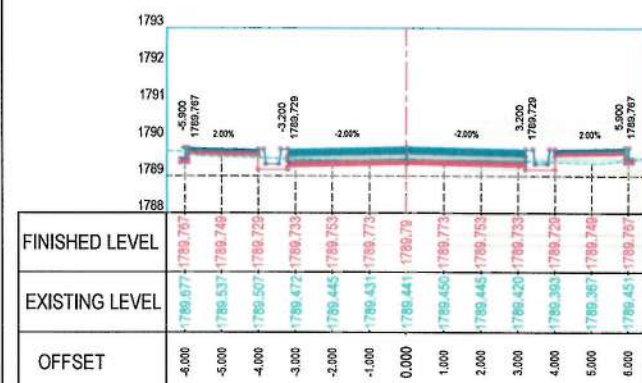
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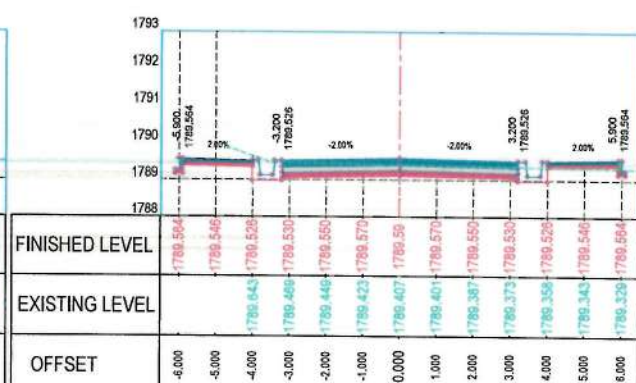
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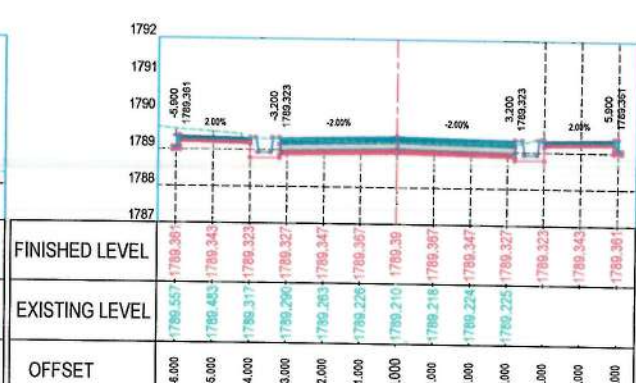
STATION=3+820



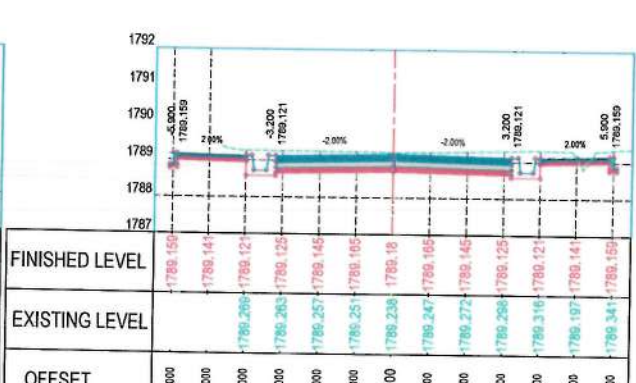
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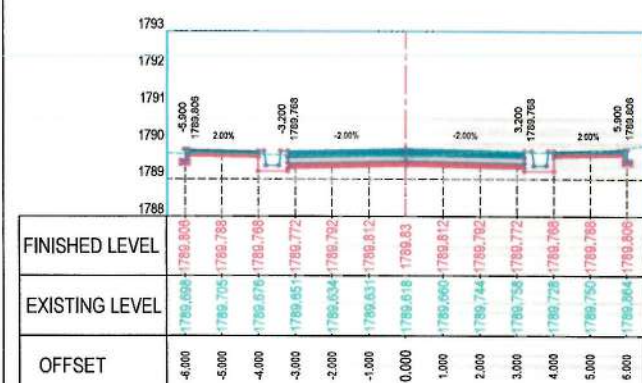
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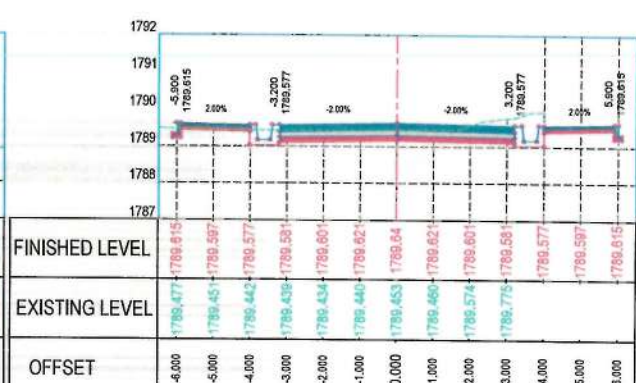
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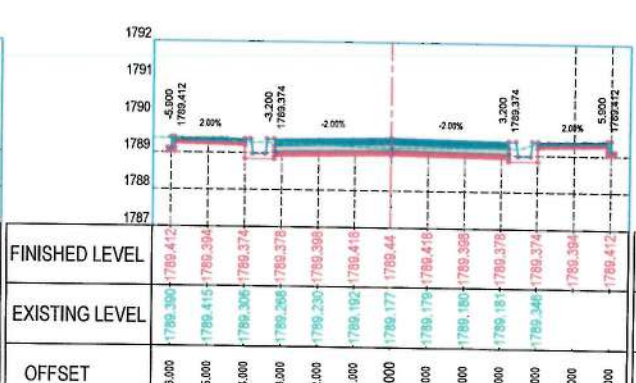
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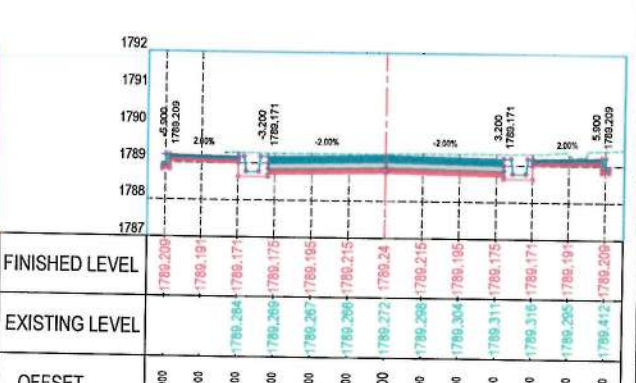
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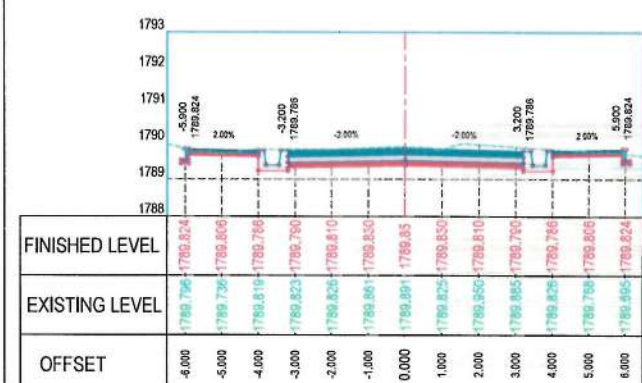
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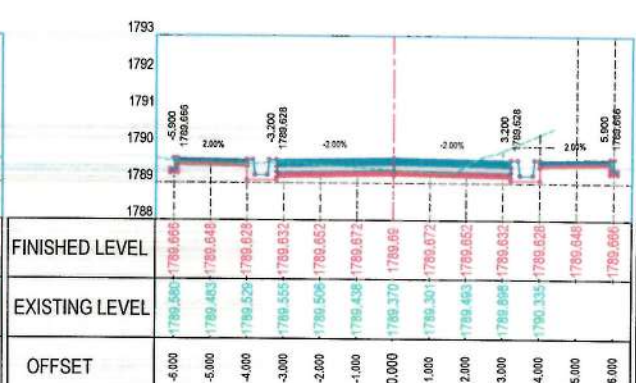
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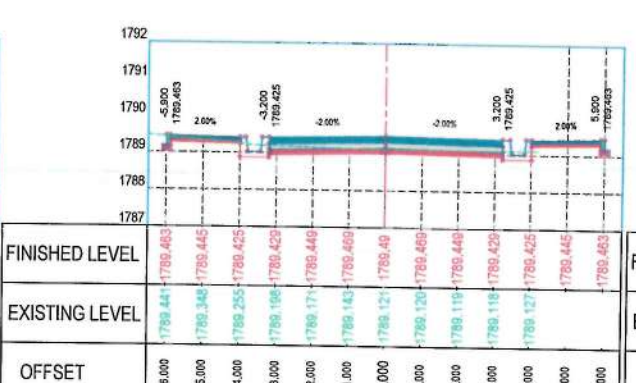
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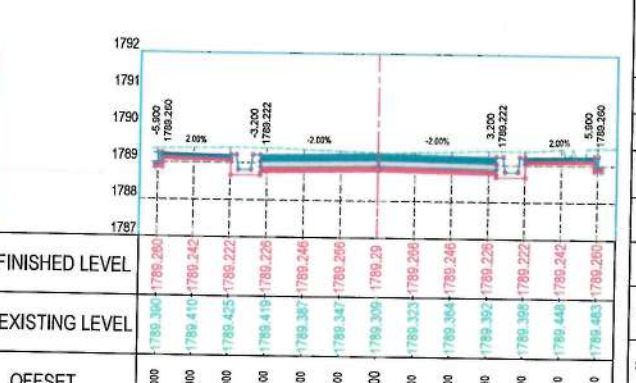
STATION=3+520



STATION=3+600



STATION=3+680



STATION=3+760

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

د افغانستان اسلامي امارت
کابل ښار
ښاري ژبو ښاوریست

Date	Revision	Details	Drawn	Chkd	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed by:
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
CROSS SECTIONS

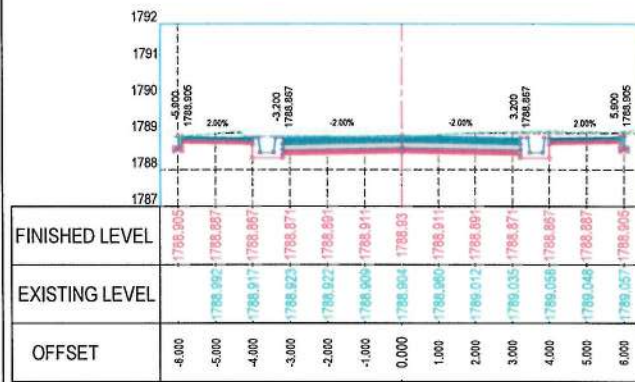
Drawn:	Signature:
Designed:	Signature:
Checked:	Signature:
Hasnullah Shalizi	

Date: 11/08/1445 Scale: 1:200

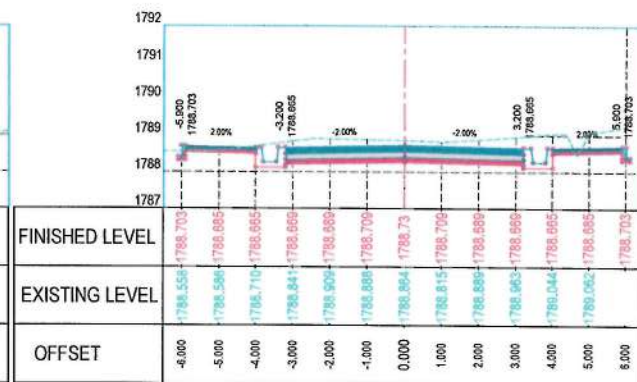
Status: FINAL DESIGN

Project Code:

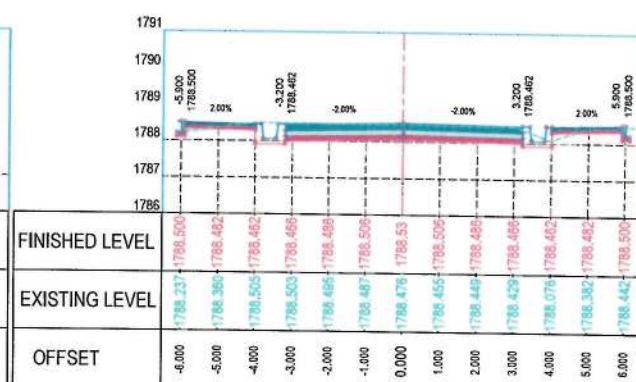
SHEET	PAGE NO	REVISION
CS-12 OF 24	66 OF 115	01



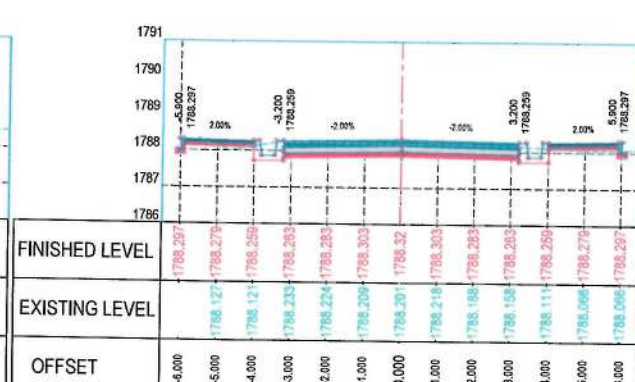
STATION=3+900



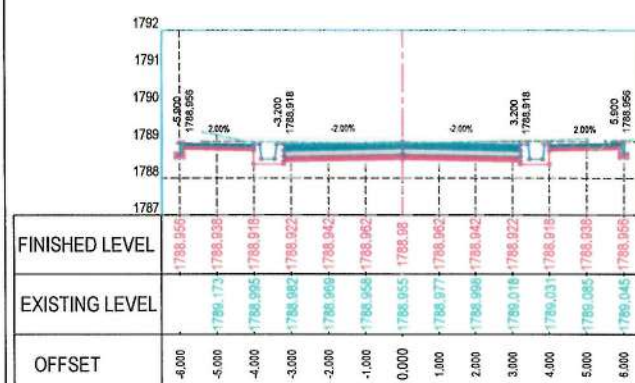
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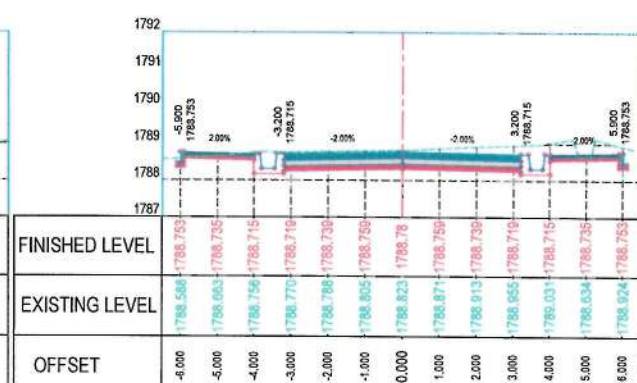
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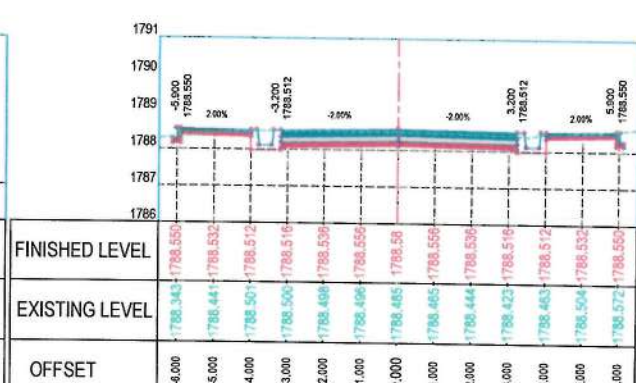
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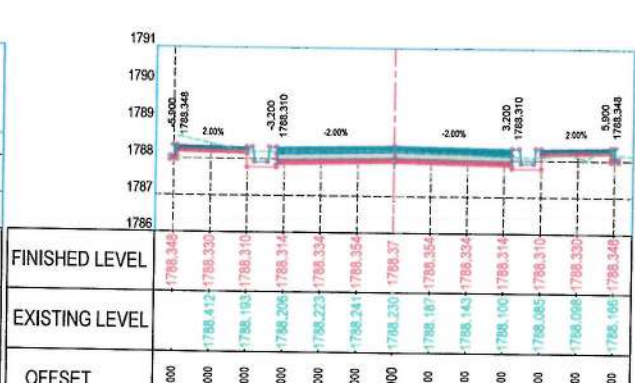
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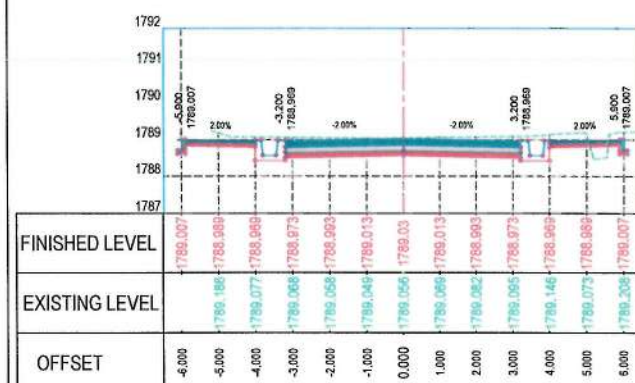
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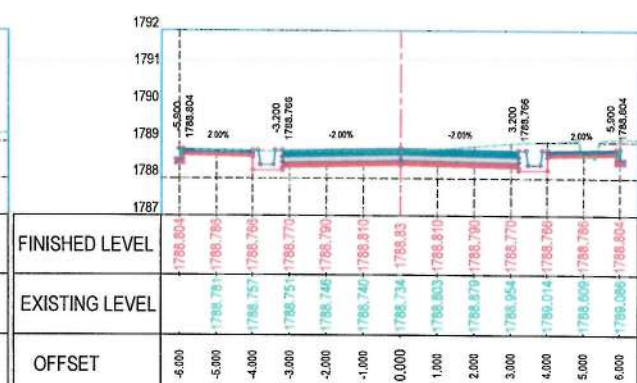
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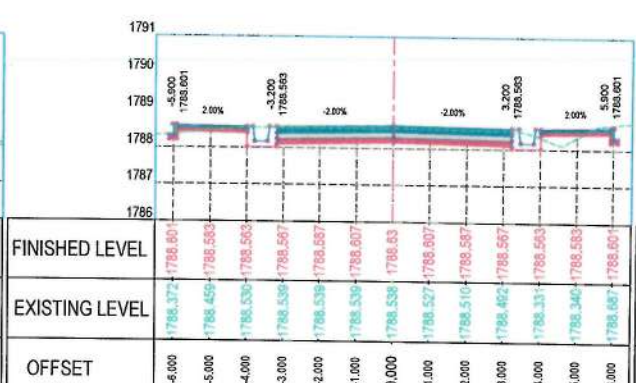
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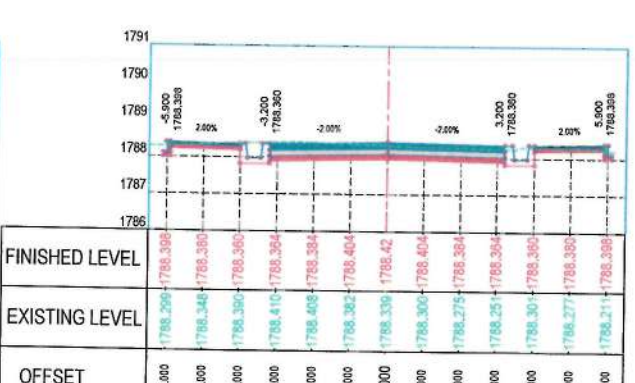
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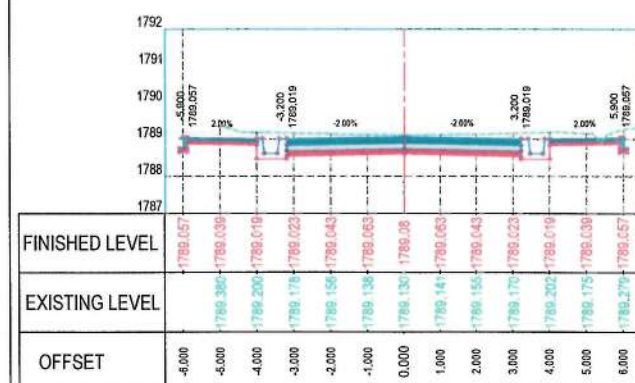
STATION=3+940



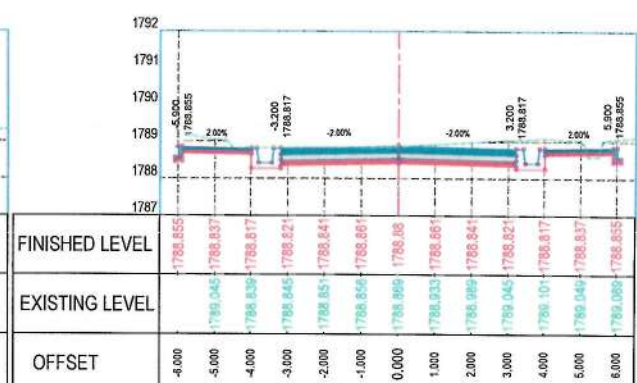
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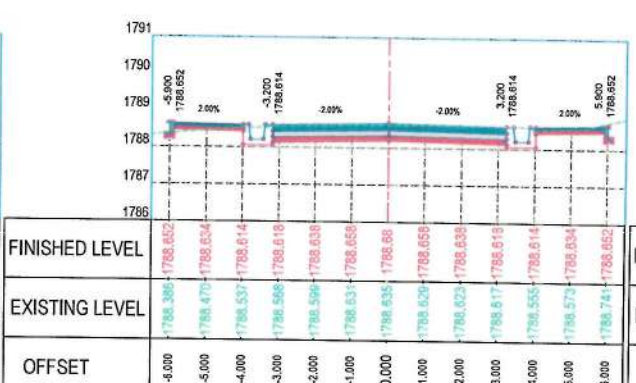
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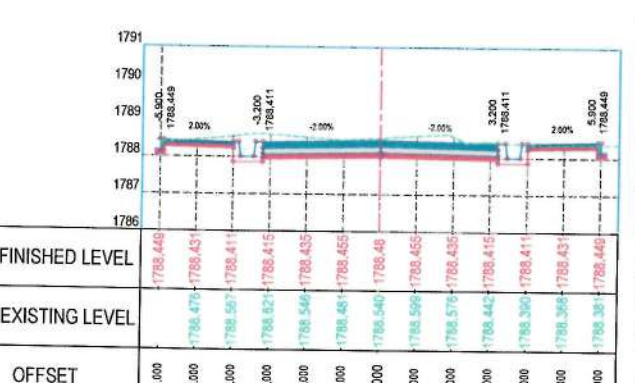
STATION=3+840



STATION=3+920



STATION=4+000

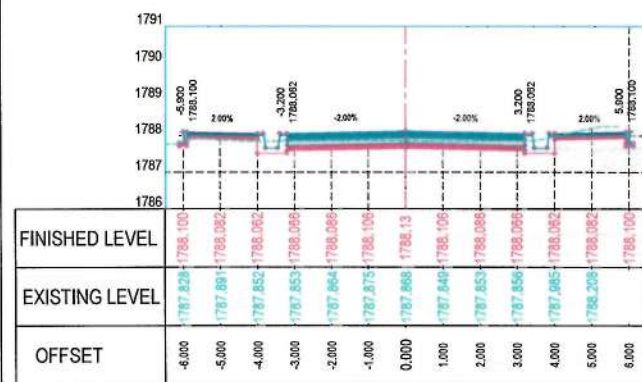


STATION=4+080

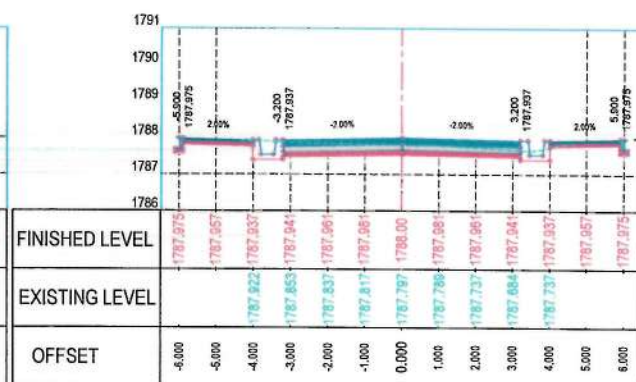
NOTE:
1. All dimensions are in meters unless otherwise indicated.



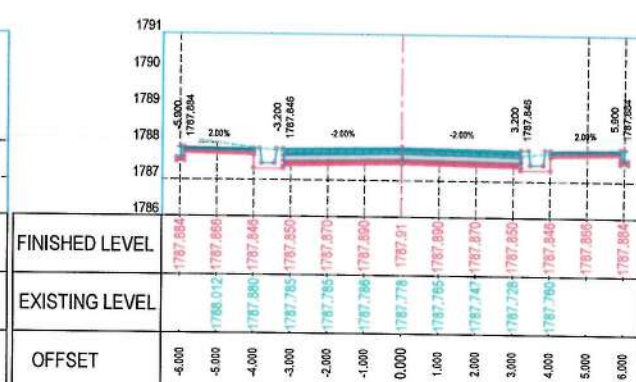
Date	Revision	Details	Drawn	Chkd	Appr
ISLAMIC EMIRATE OF AFGHANISTAN					
Designed by:					
KABUL MUNICIPALITY DESIGN TEAM					
Project Name:					
Construction of road from Bagrami bridge to near of the Bene Hesar					
Drawing Title:					
CROSS SECTIONS					
Drawn:	Matullah Hussaini	Signature:			
Designed:	Matullah Hussaini	Signature:			
Checked:	Hasibullah Shalizi	Signature:			
Date: 11/08/1445					
Scale: 1:200					
Status: FINAL DESIGN					
Project Code:					
SHEET	PAGE NO	REVISION			
CS-13 OF 24	67 OF 115	01			



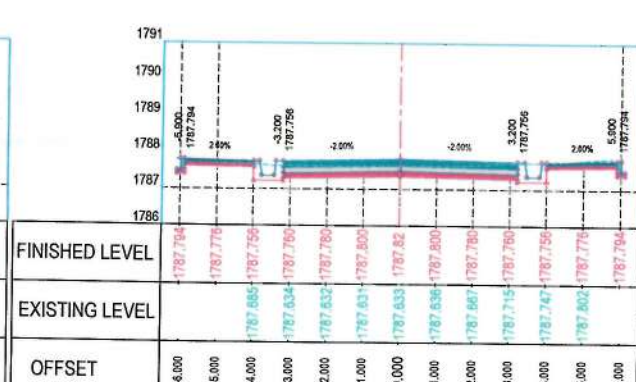
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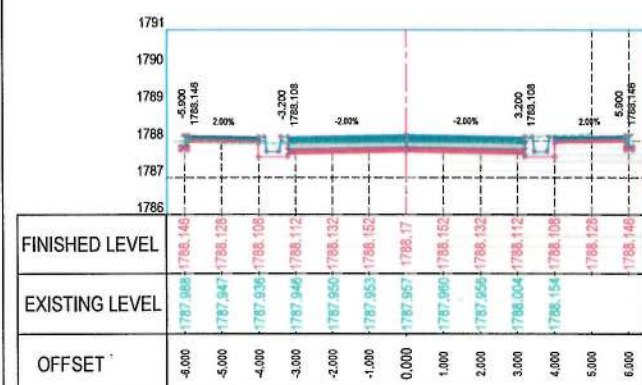
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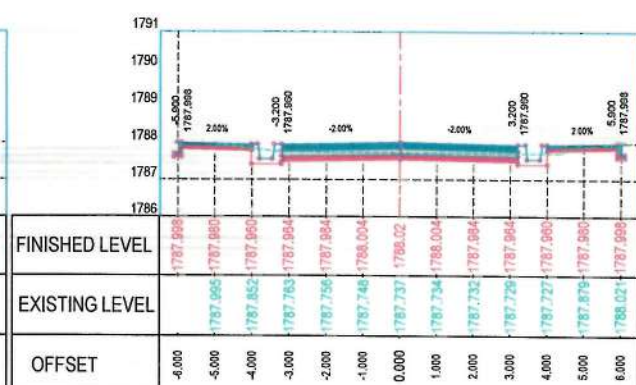
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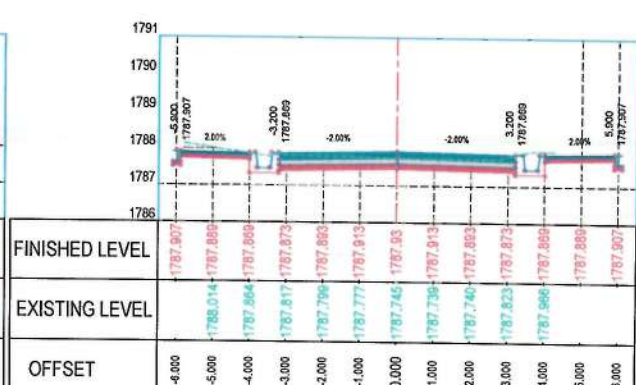
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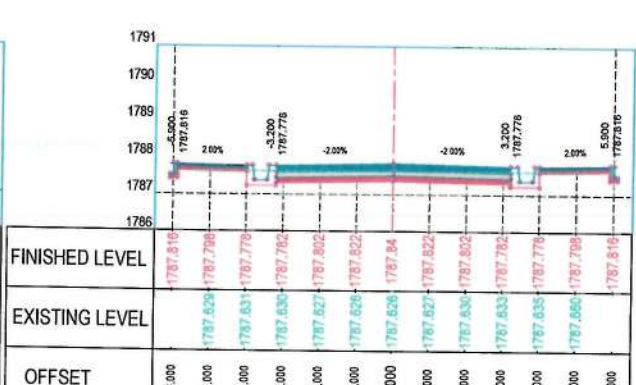
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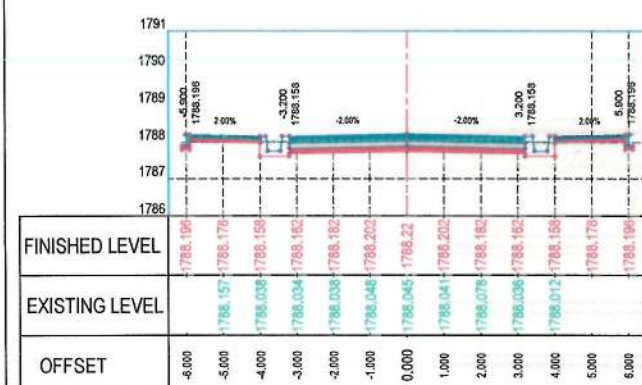
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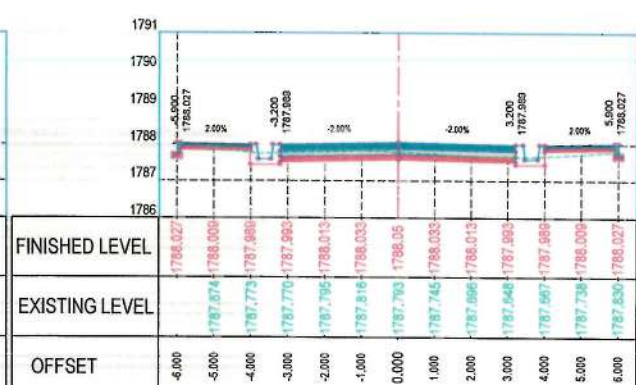
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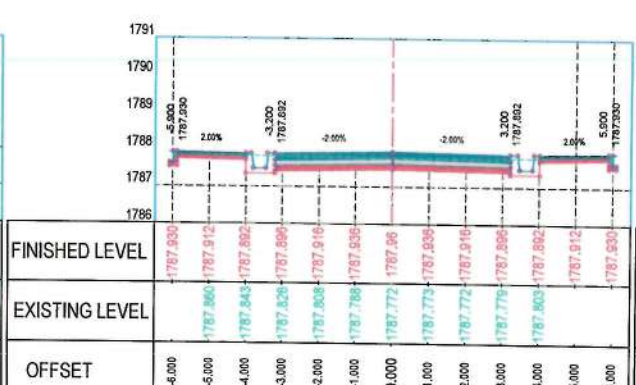
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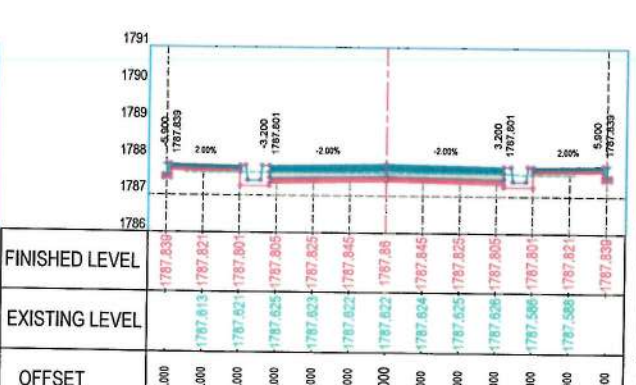
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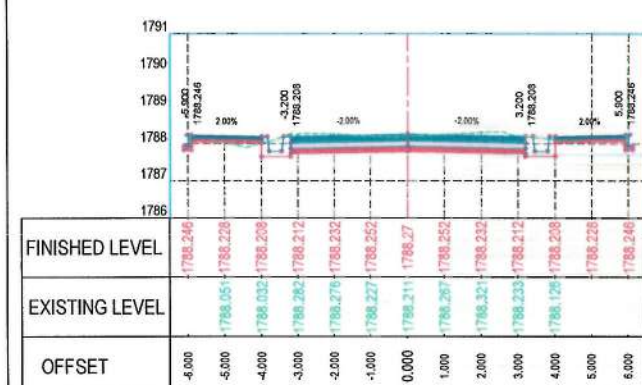
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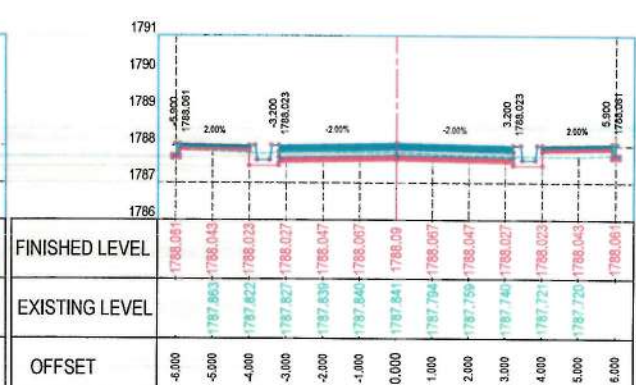
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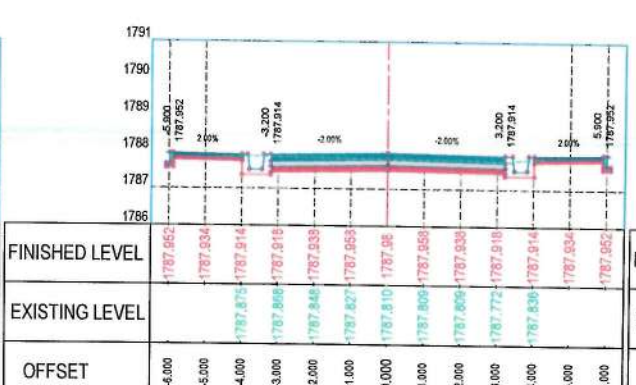
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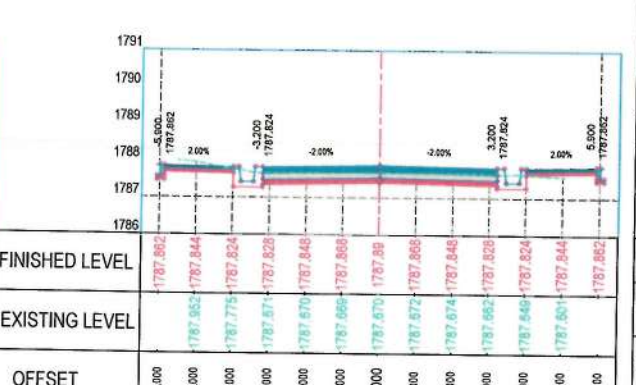
STATION=4+160



STATION=4+240



STATION=4+320



STATION=4+400

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

ISLAMIC EMIRATE OF AFGHANISTAN
KABUL MUNICIPALITY
DESIGN TEAM

Construction of road from Bagrami bridge to near of the Bene Hesar

Project Name:

Drawing Title:
CROSS SECTIONS

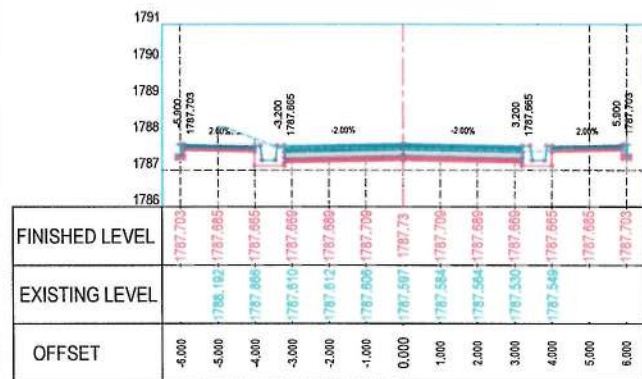
Drawn: Muttalib Hussainzai
Designed: Muttalib Hussainzai
Checked: Habibullah Shalizi

Date: 11/08/1445
Scale: 1:200

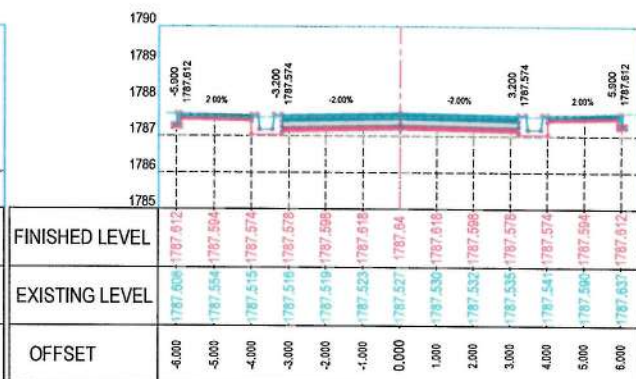
Status: FINAL DESIGN

Project Code:

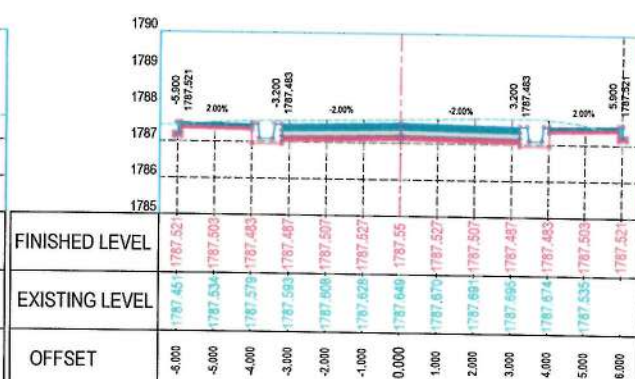
SHEET: CS-14 OF 24
PAGE NO: 68 OF 115
REVISION: 01



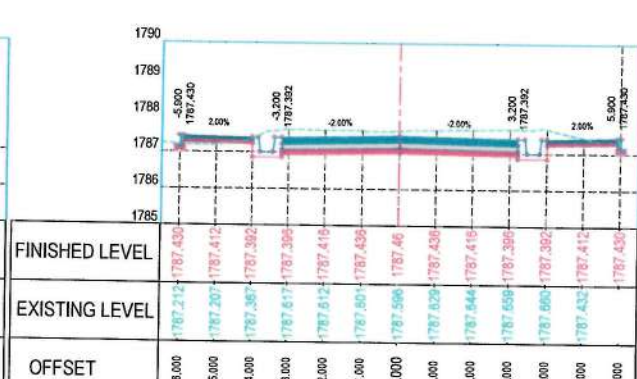
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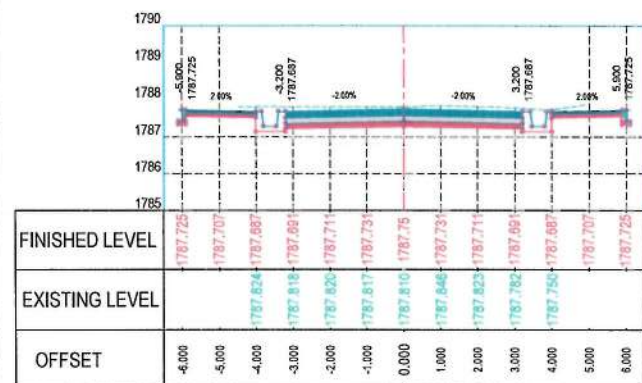
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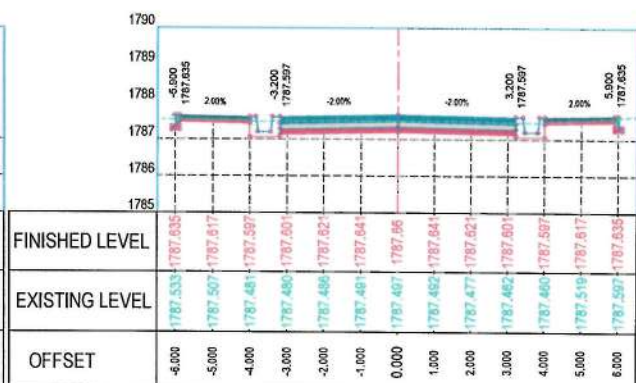
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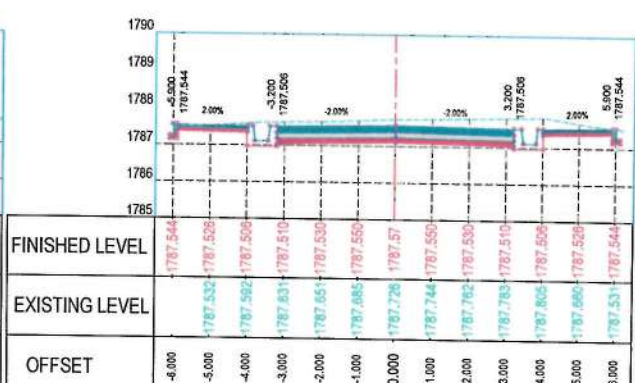
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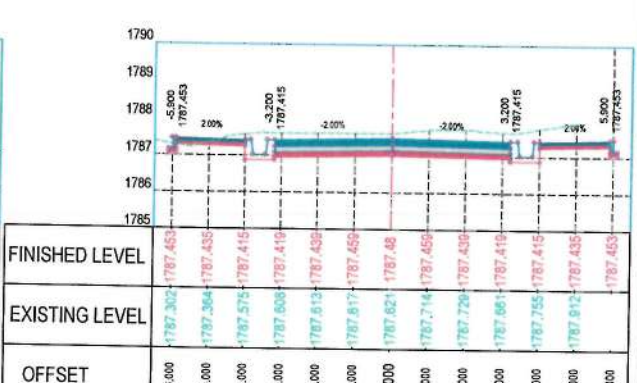
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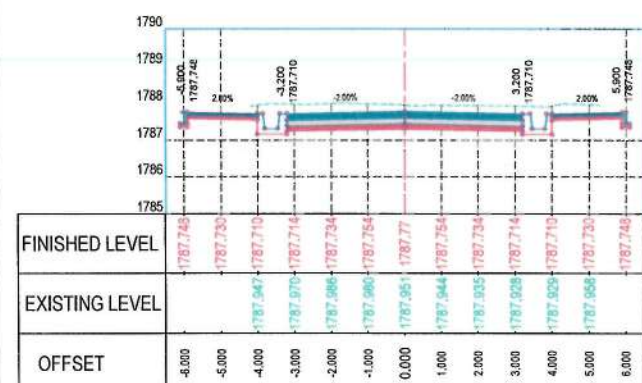
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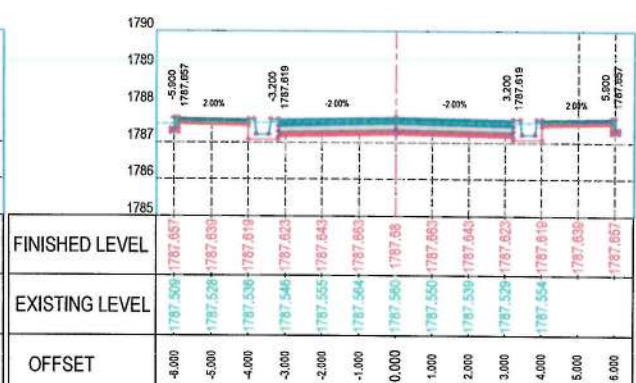
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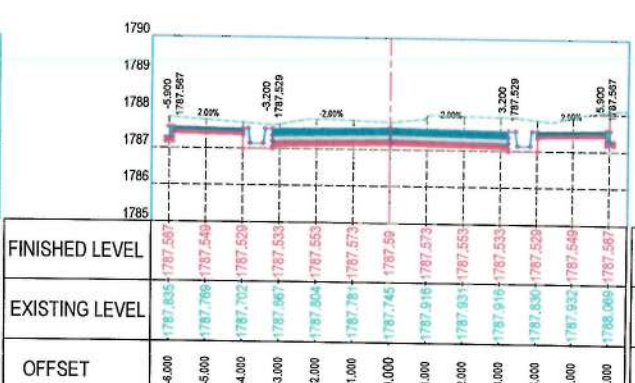
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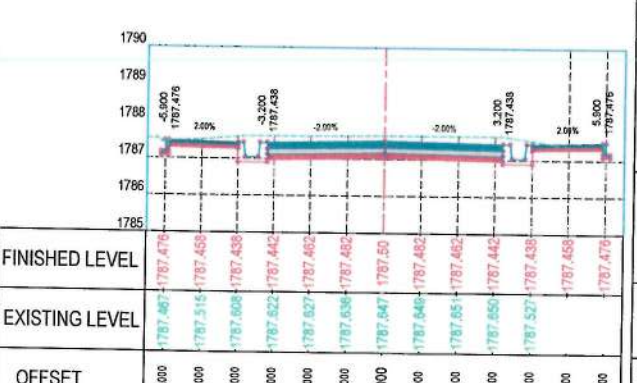
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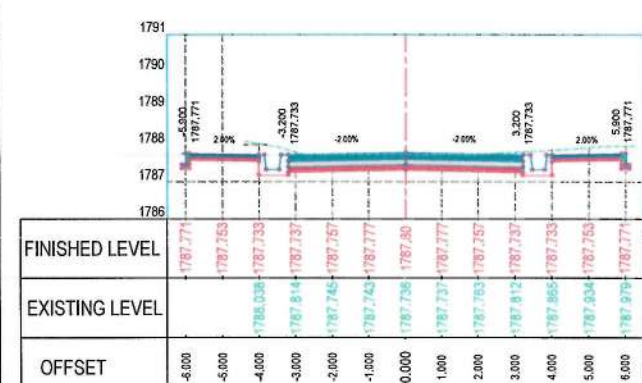
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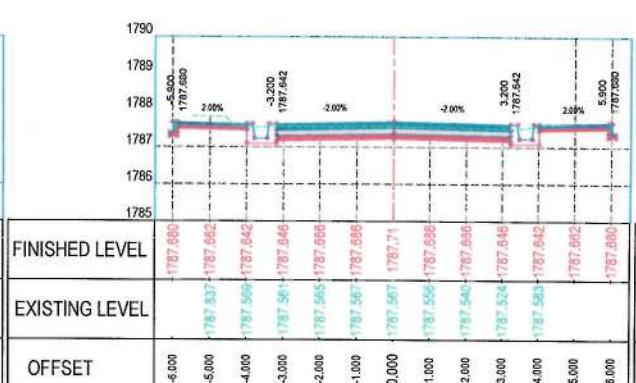
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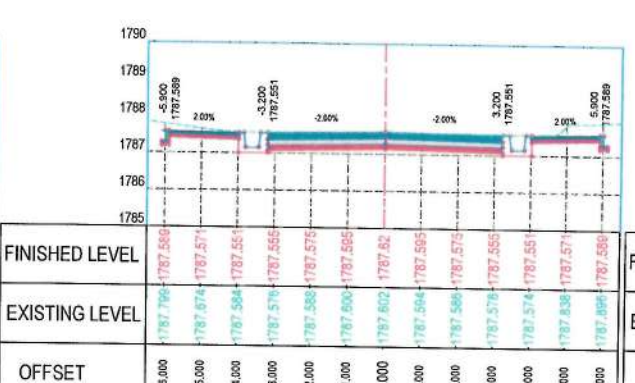
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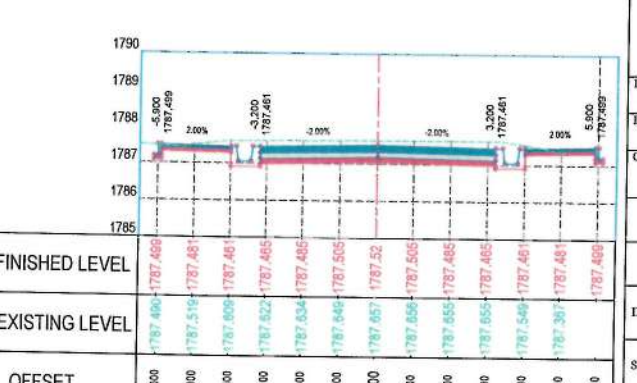
STATION=4+480



STATION=4+560



STATION=4+640



STATION=4+720

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



ISLAMIC EMIRATE OF AFGHANISTAN

Designed by:

KABUL MUNICIPALITY DESIGN TEAM

Project Name:

Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:

CROSS SECTIONS

Drawn:

Matullah Hussaini

Designed:

Matullah Hussaini

Checked:

Hanibullah Shalizi

Date:

11/08/1445

Status:

FINAL DESIGN

Project Code:

SHEET

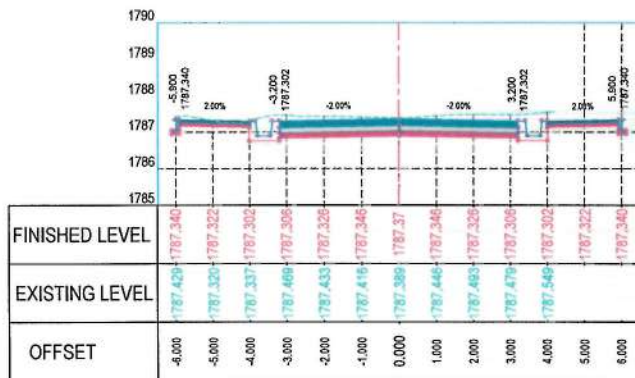
CS-15 OF 24

PAGE NO

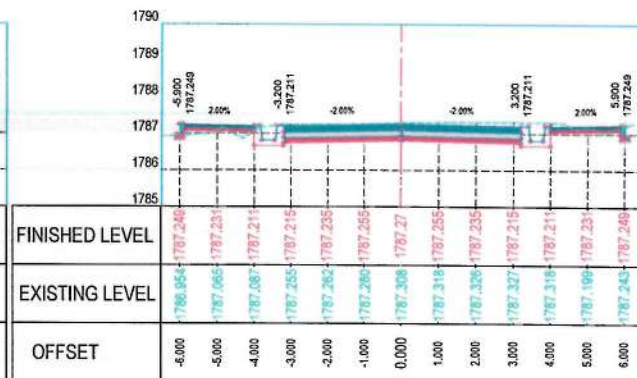
69 OF 115

REVISION

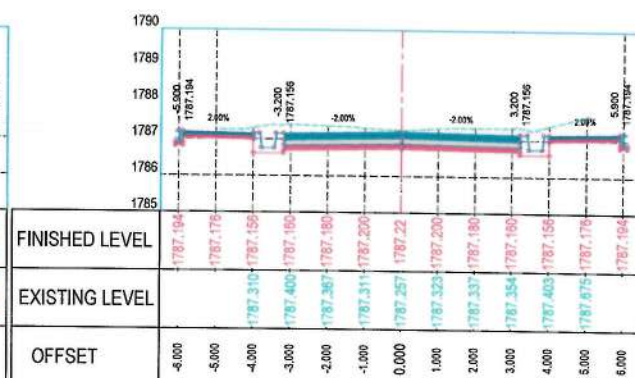
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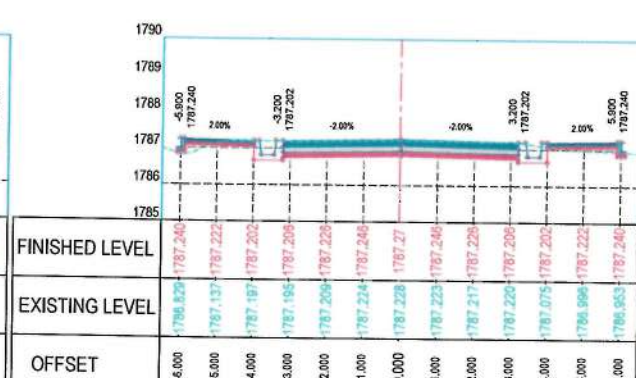
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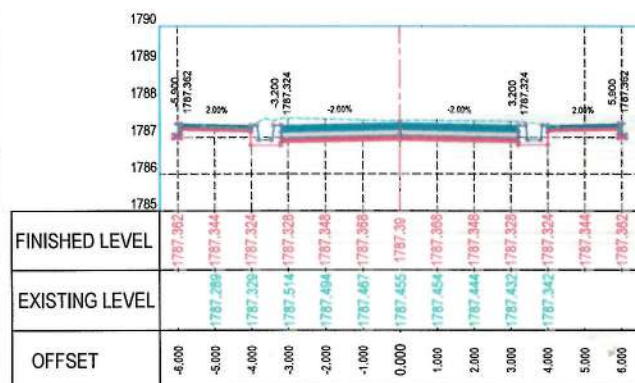
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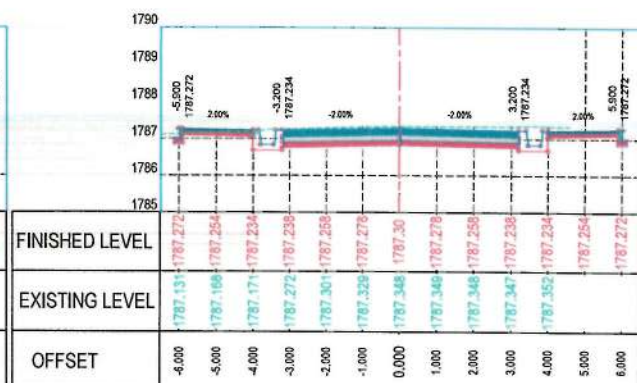
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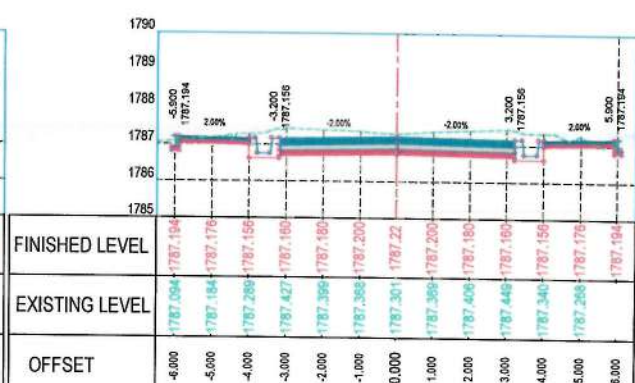
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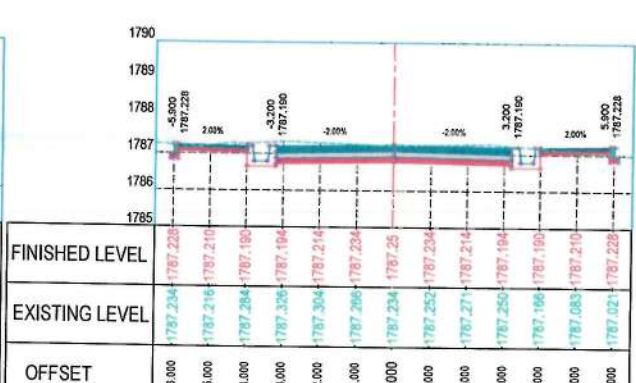
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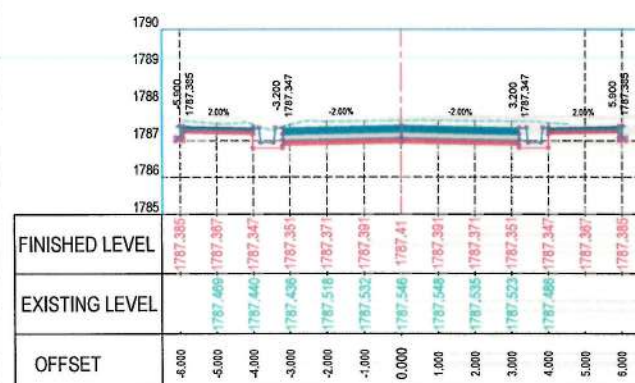
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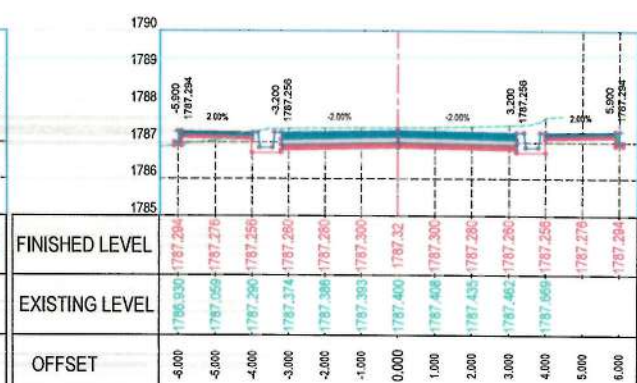
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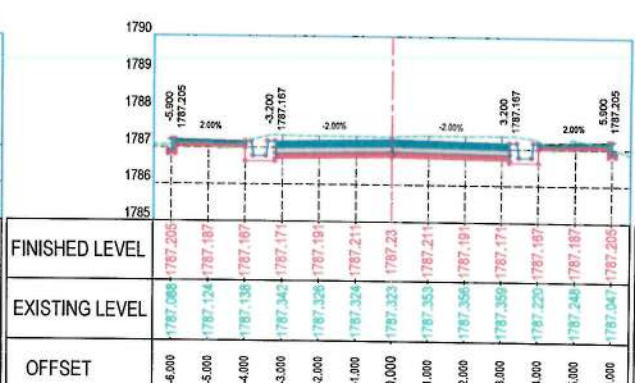
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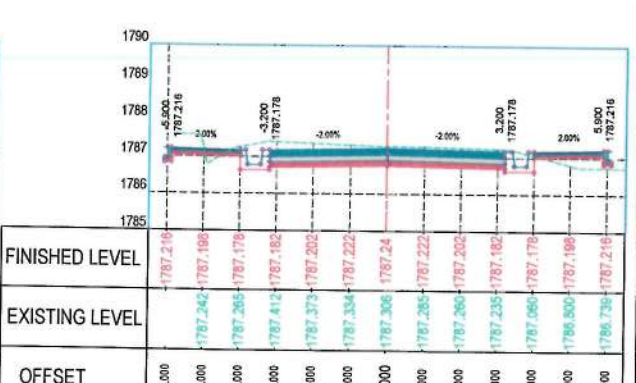
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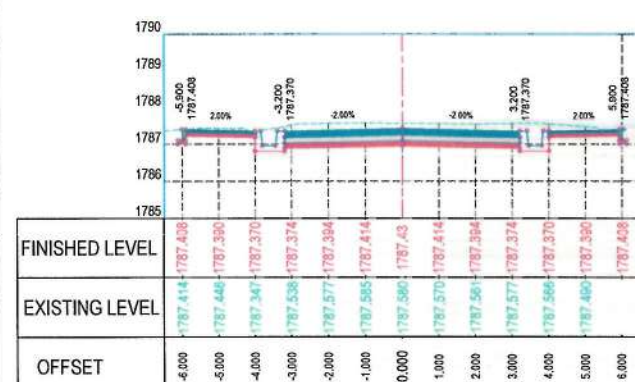
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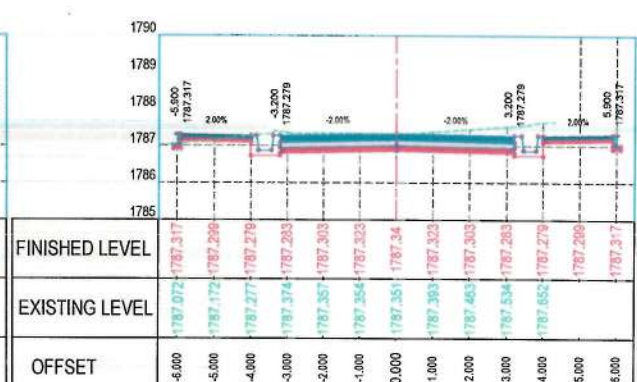
STATION=5+060



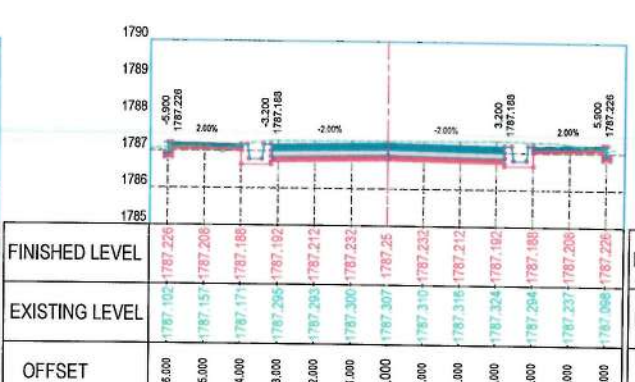
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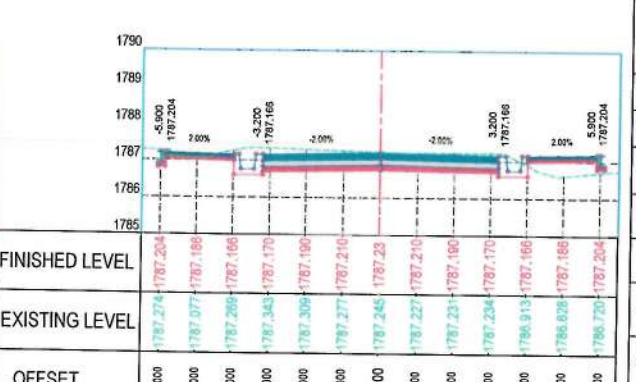
STATION=4+800



STATION=4+880



STATION=4+960



STATION=5+020

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

د افغانستان اسلامي امارت
کابل ښاروالۍ
ډیزاین ټیم

Date	Revision	Details	Drawn	Chkd	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed by:

KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
CROSS SECTIONS

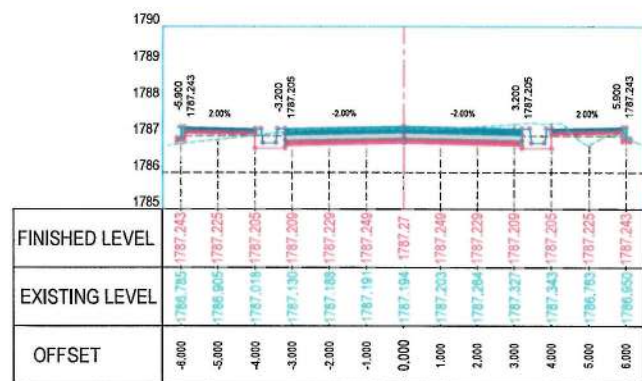
Drawn:	Signature:
Matullah Hussainzai	
Designed:	Signature:
Matullah Hussainzai	
Checked:	Signature:
Hashullah Shalizi	

Date: 11/08/1445 Scale: 1:200

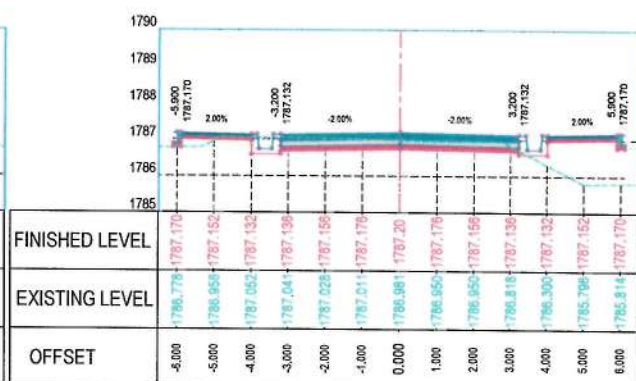
Status: FINAL DESIGN

Project Code:

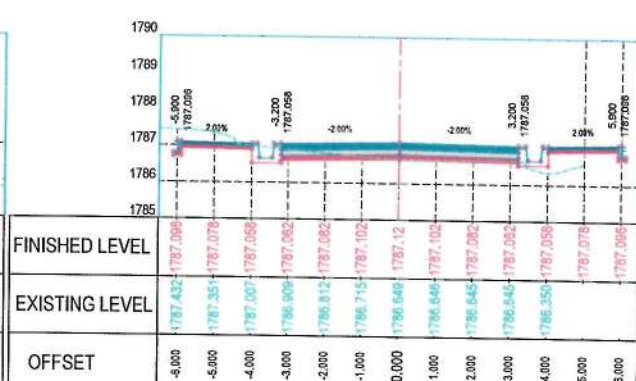
SHEET	PAGE NO	REVISION
CS-16 OF 24	70 OF 115	01



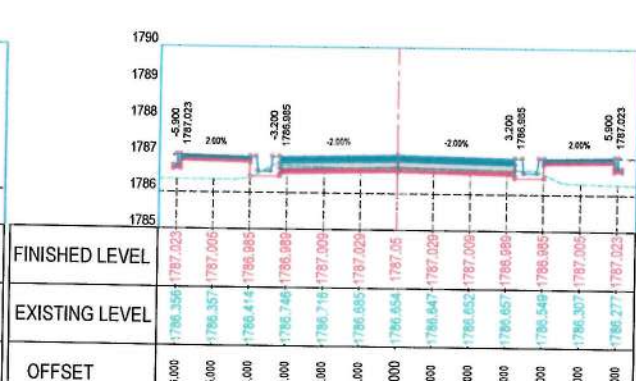
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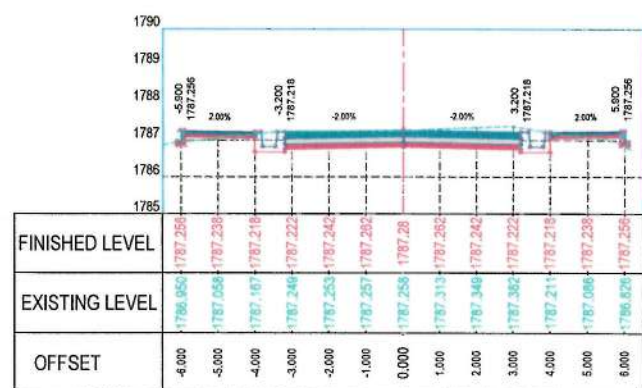
STATION=5+260



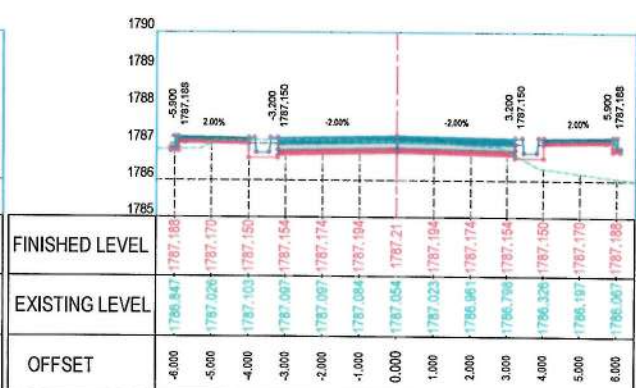
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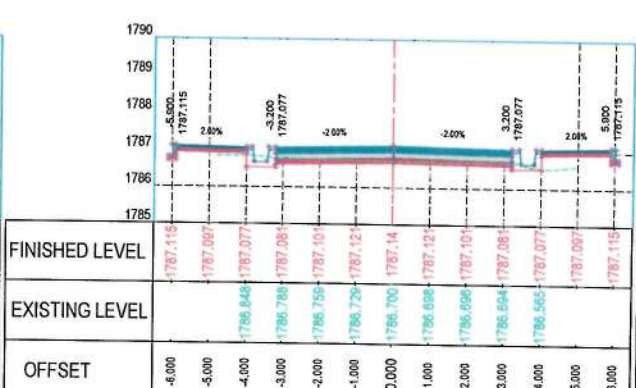
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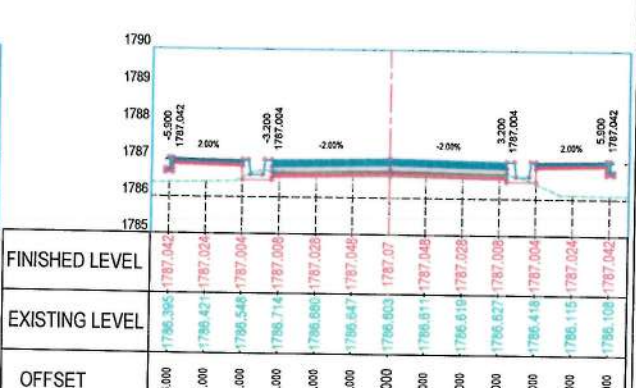
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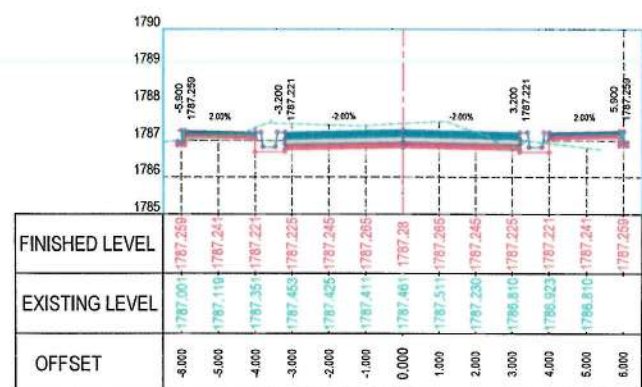
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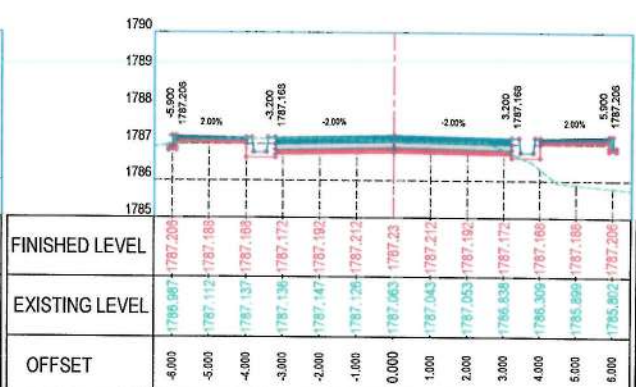
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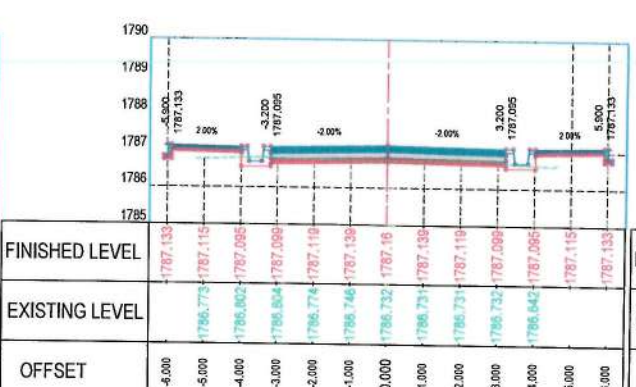
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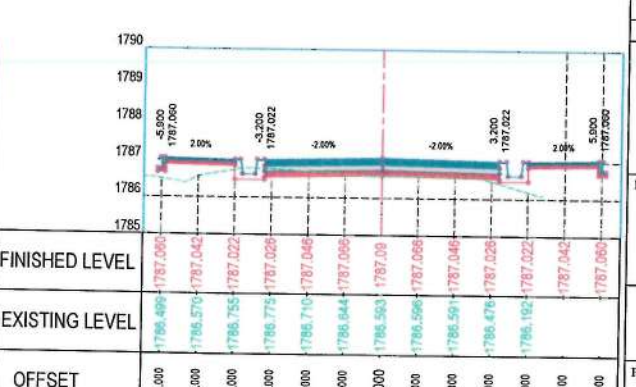
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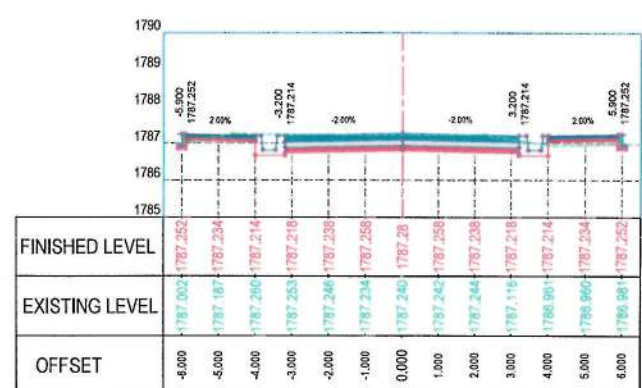
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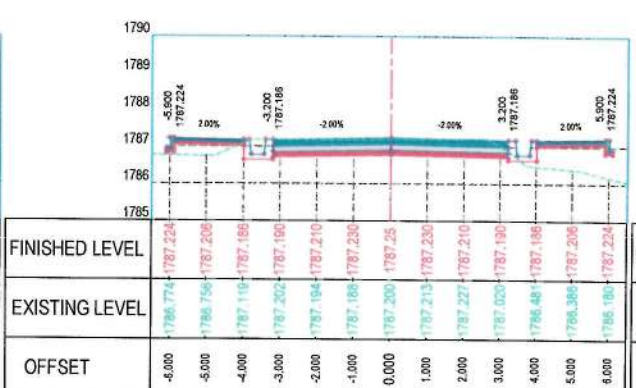
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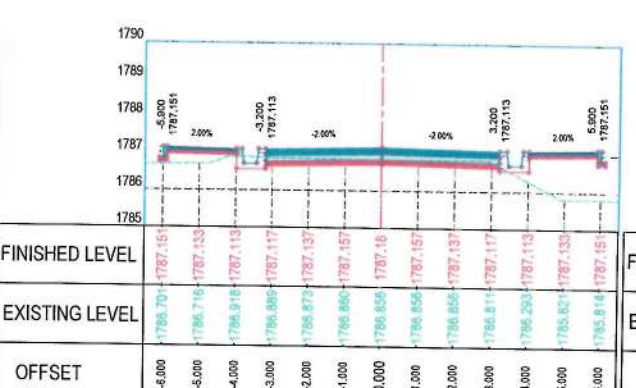
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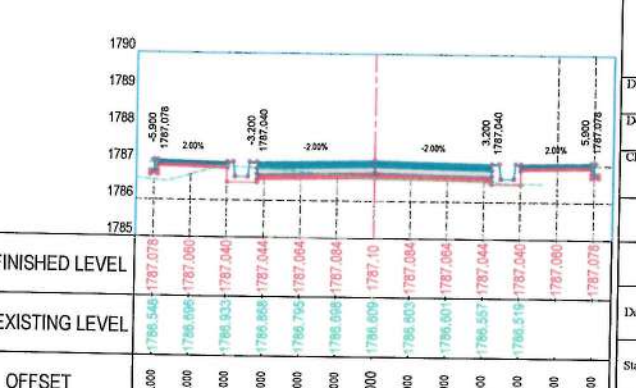
STATION=5+120



STATION=5+200



STATION=5+280



STATION=5+360

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



Date Revision Details Drawn Chkd Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed by:
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
CROSS SECTIONS

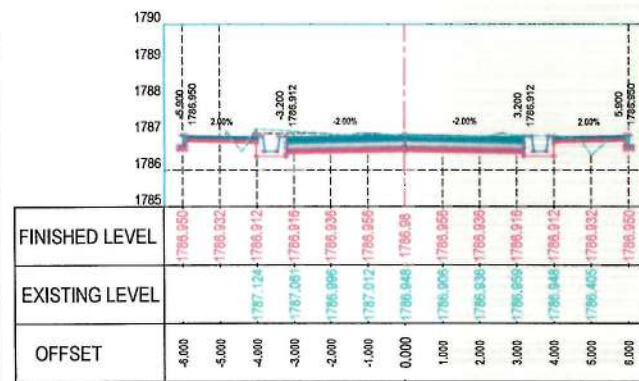
Drawn: Matallah Hussainzai
Designed: Matallah Hussainzai
Checked: Hasibullah Shalizi

Date: 11/08/1445 Scale: 1:200

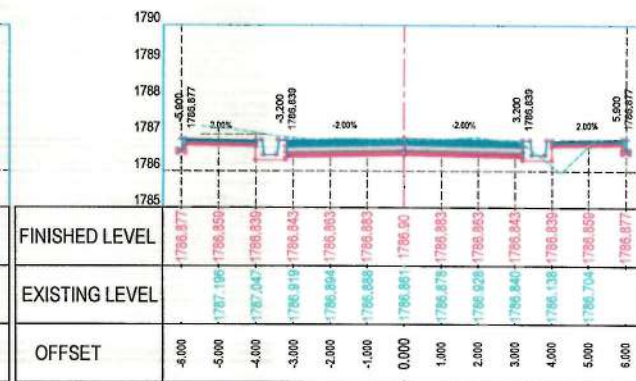
Status: FINAL DESIGN

Project Code:

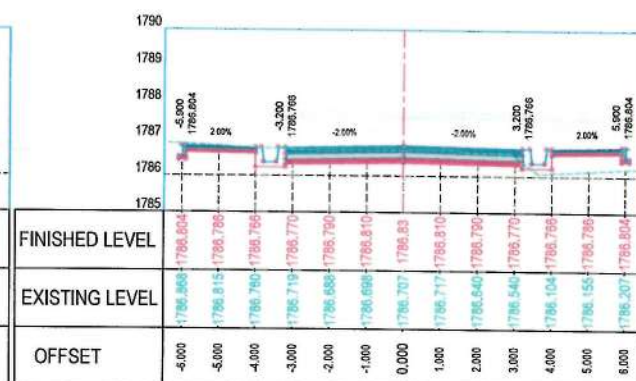
SHEET: CS-17 OF 24 PAGE NO: 71 OF 115 REVISION: 01



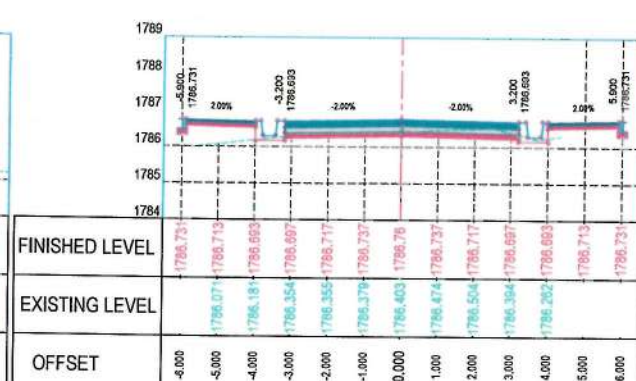
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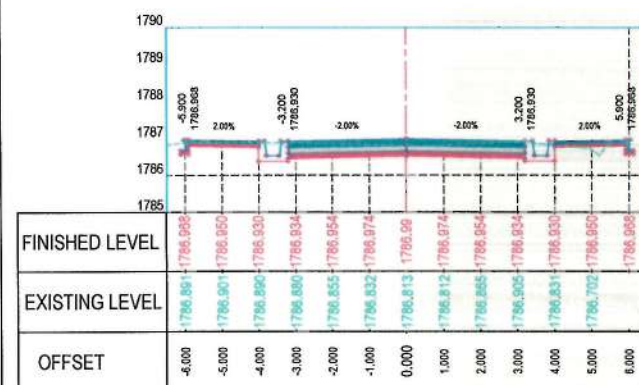
STATION=5+580



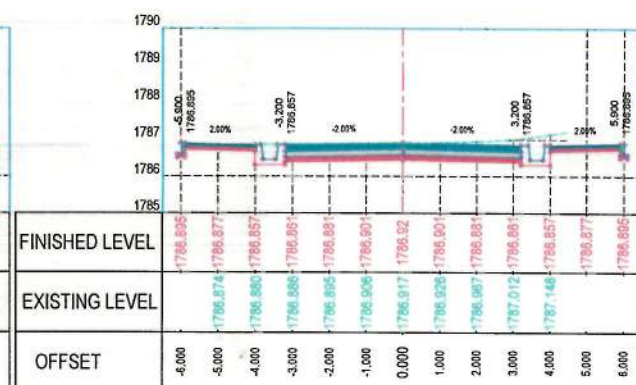
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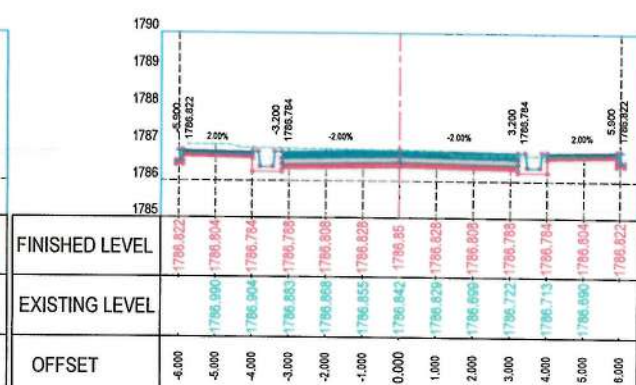
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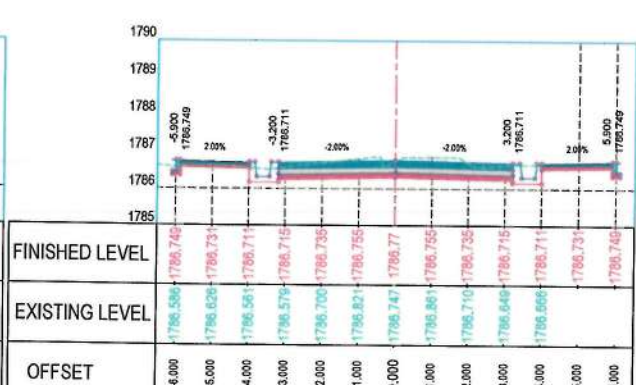
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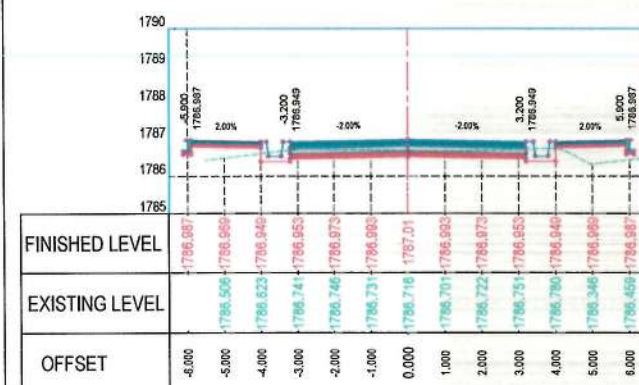
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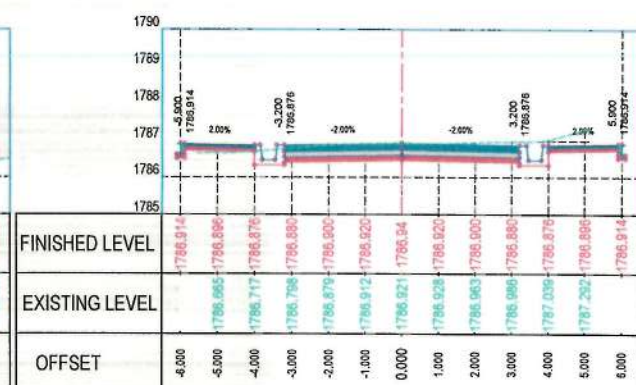
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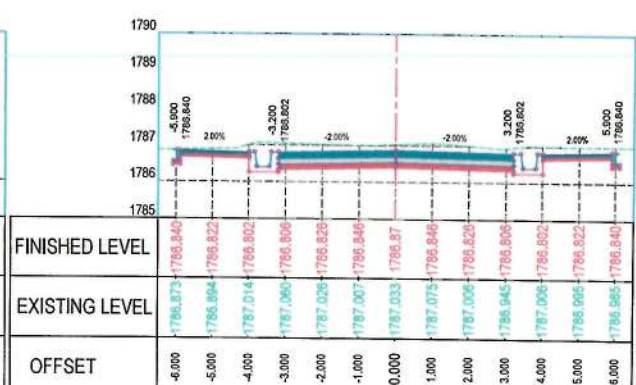
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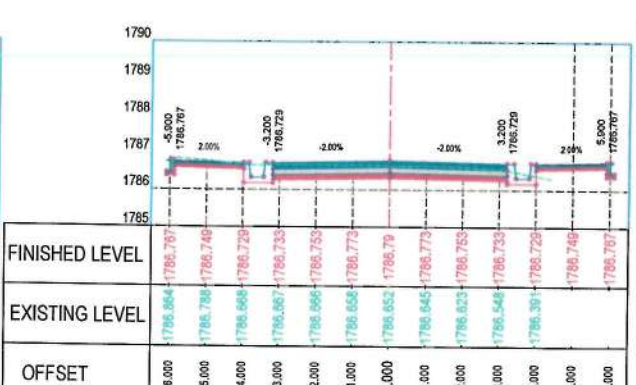
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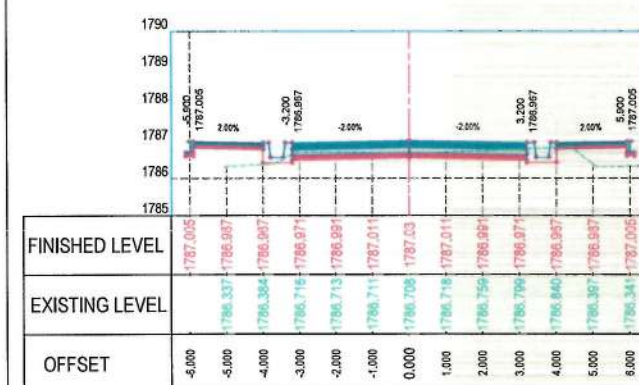
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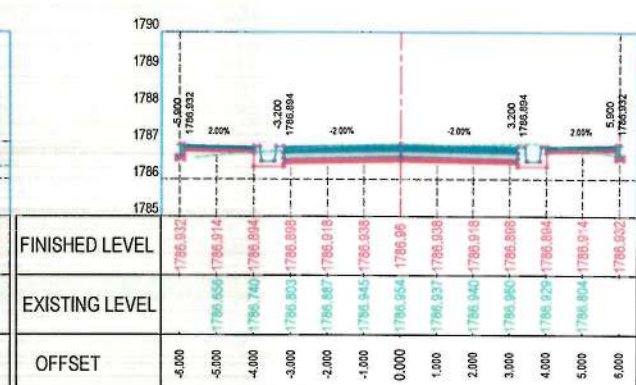
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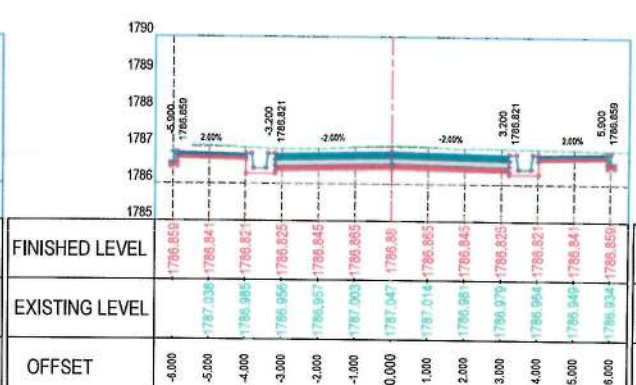
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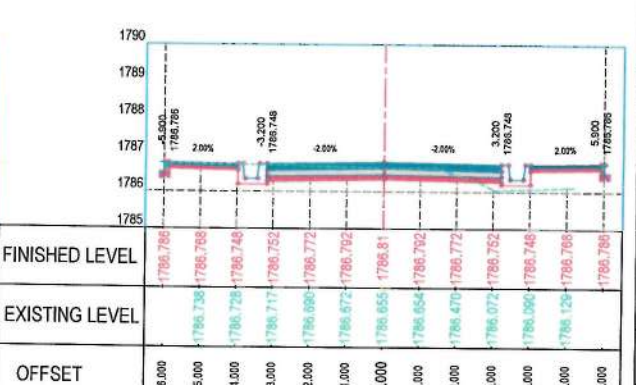
STATION=5+440



STATION=5+520



STATION=5+600



STATION=5+680

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



Date Revision Details Drawn Chkd Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed by:
KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge
to near of the Bene Hesar

Drawing Title:
CROSS SECTIONS

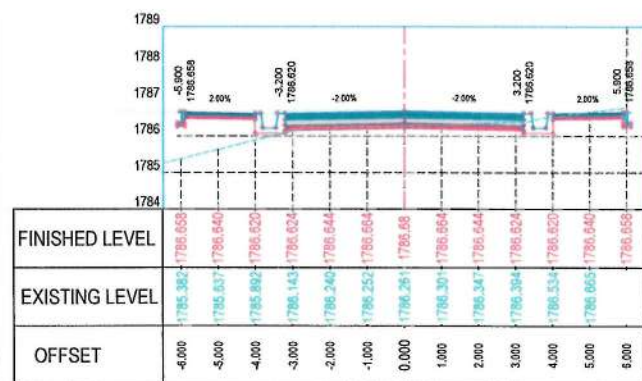
Drawn: Matinullah Hussainzai
Designed: Matinullah Hussainzai
Checked: Hasibullah Shalizi

Date: 11/08/1445 Scale: 1:200

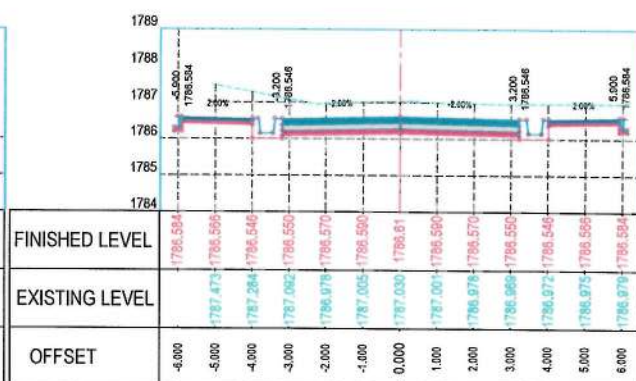
Status: FINAL DESIGN

Project Code

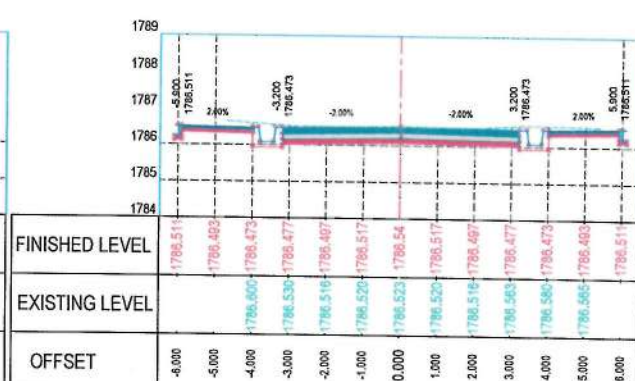
SHEET: CS-18 OF 24
PAGE NO: 72 OF 115
REVISION: 01



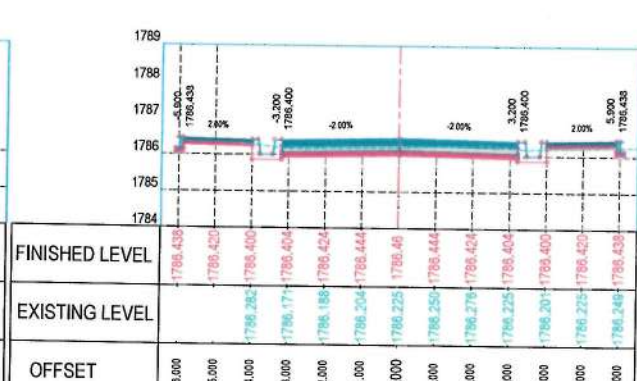
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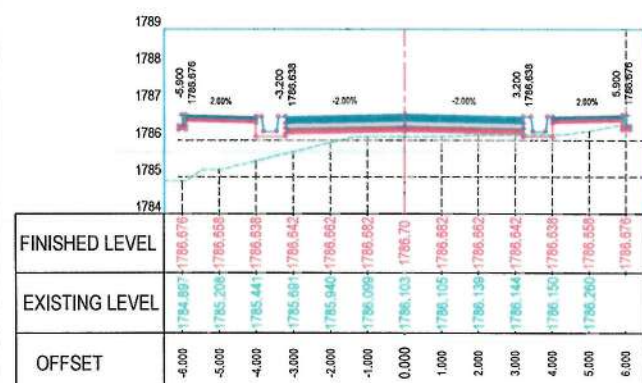
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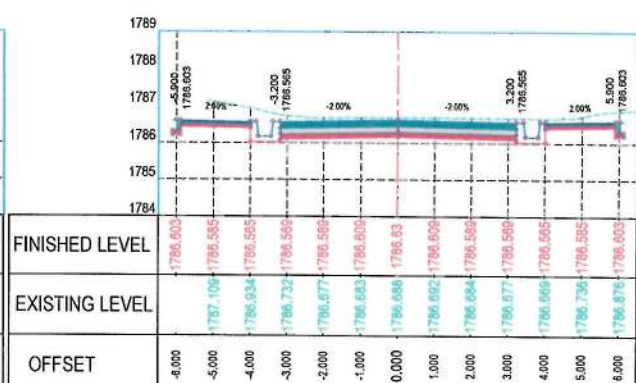
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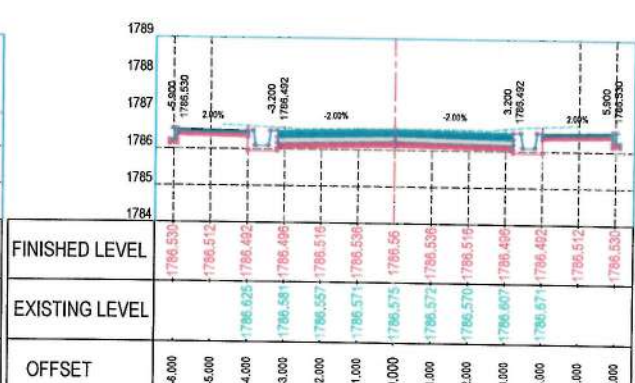
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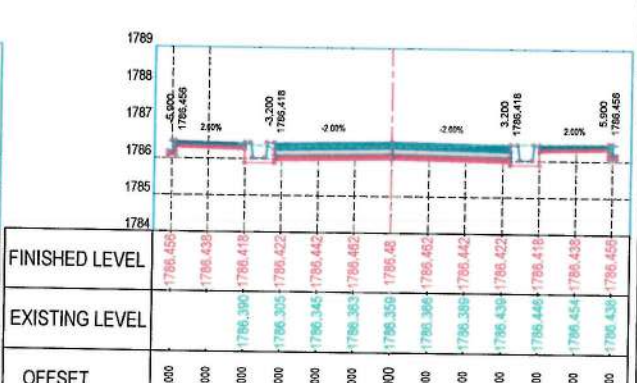
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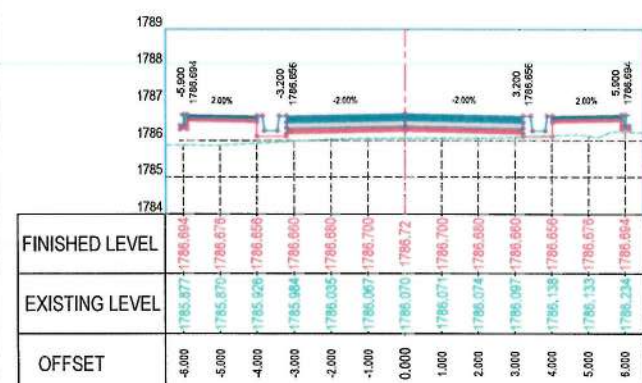
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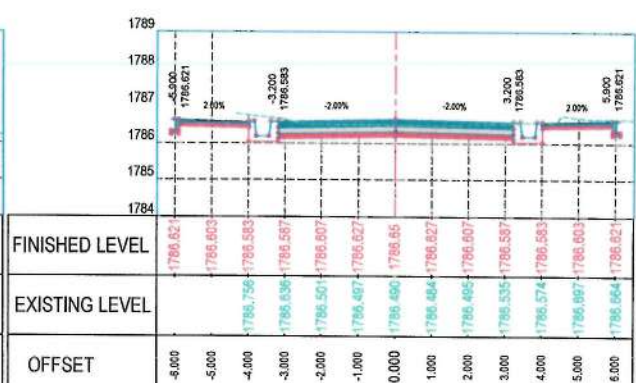
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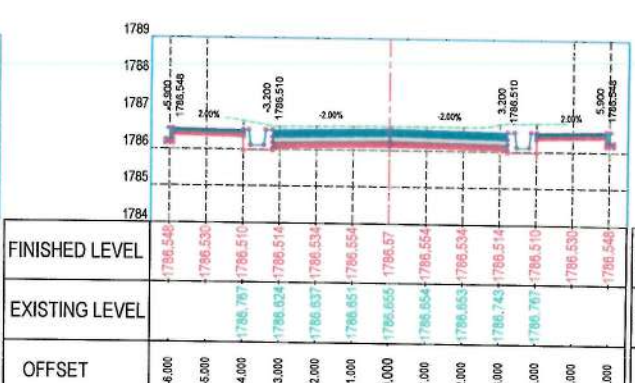
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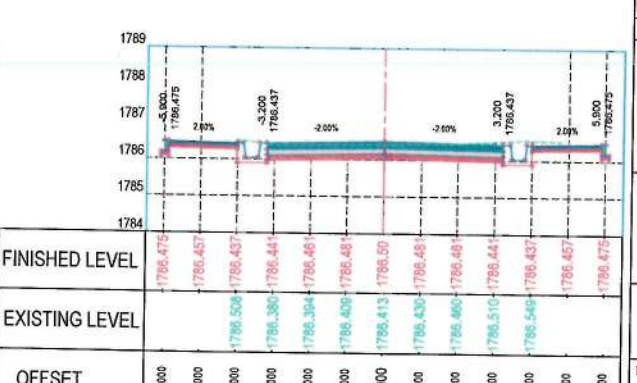
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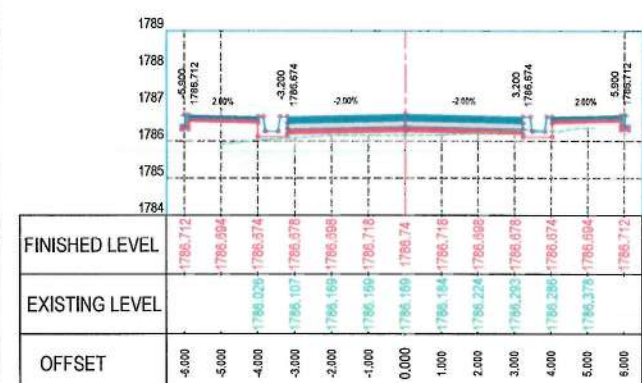
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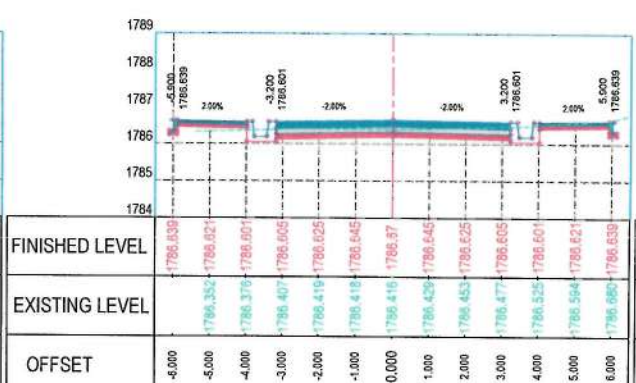
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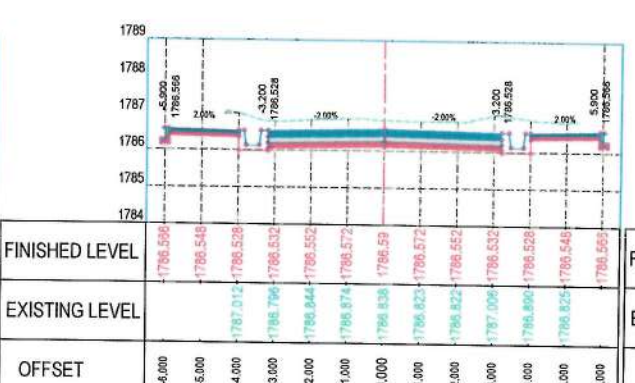
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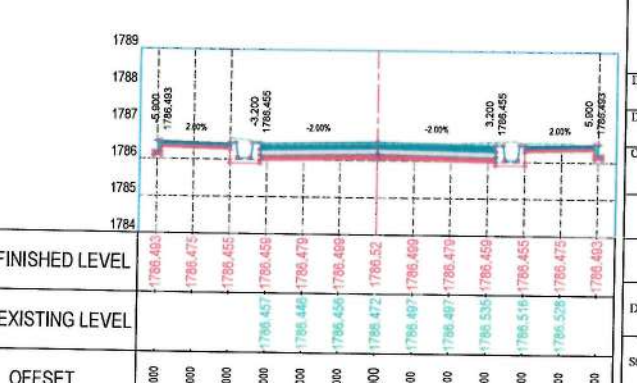
STATION=5+760



STATION=5+840



STATION=5+920



STATION=6+000

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

د افغانستان اسلامي امارت
کابل ښاروالۍ
ډیجیټل زیږد رښتیا
۱۴۴۲

Date	Revision	Details	Drawn	Chkd	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed by: KABUL MUNICIPALITY DESIGN TEAM

Project Name: Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title: CROSS SECTIONS

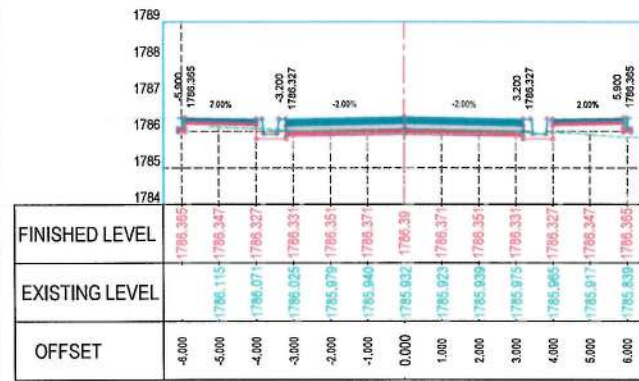
Drawn:	Signature:
Metalish Hussainzai	
Designed:	Signature:
Metalish Hussainzai	
Checked:	Signature:
Hasibullah Shalizi	

Date: 11/08/1445 Scale: 1:200

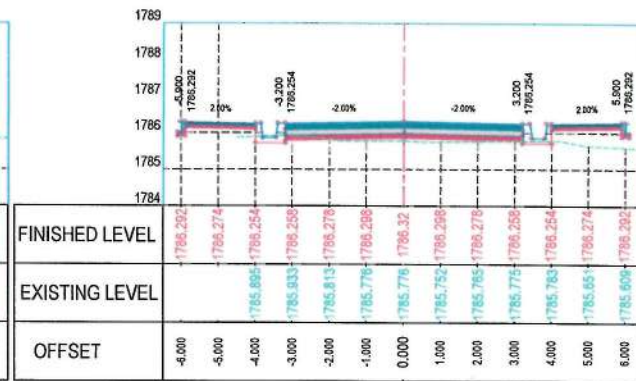
Status: FINAL DESIGN

Project Code:

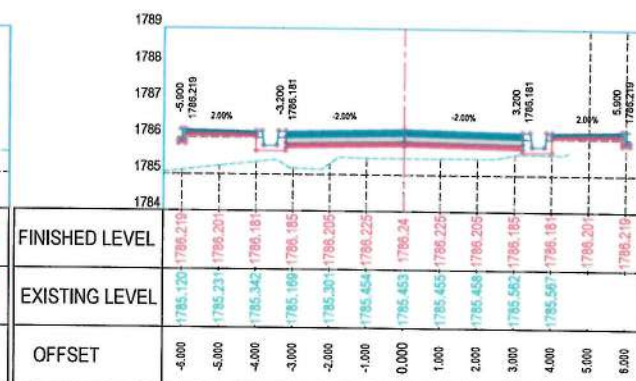
SHEET	PAGE NO	REVISION
CS-19 OF 24	73 OF 115	01



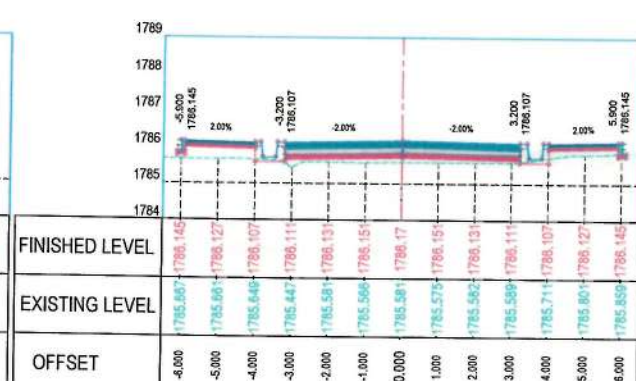
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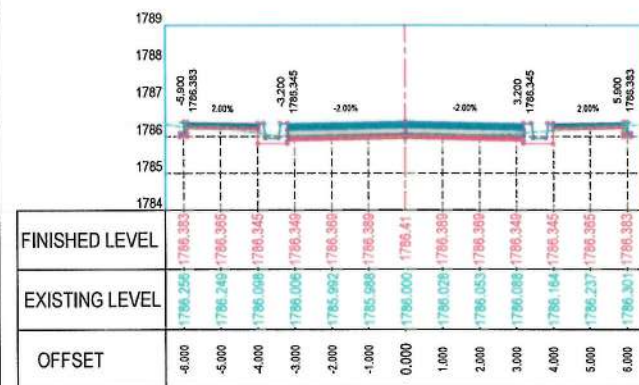
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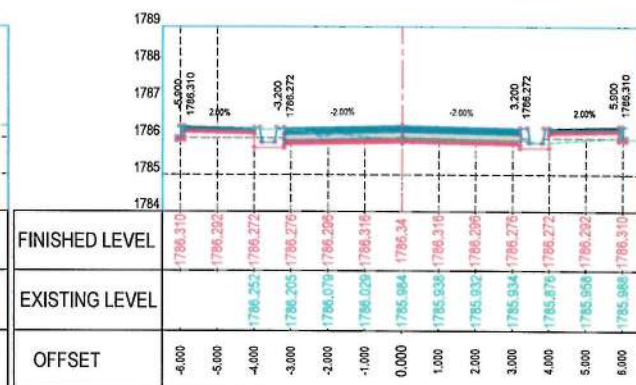
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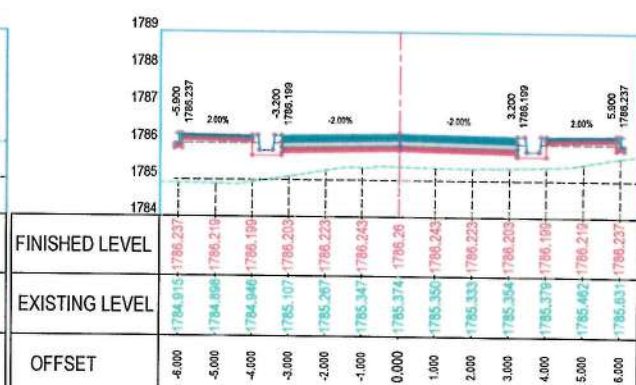
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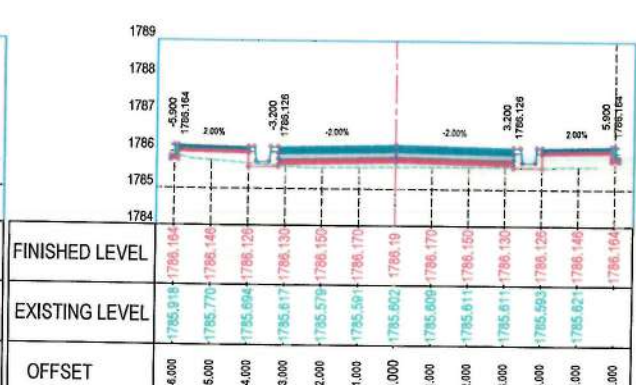
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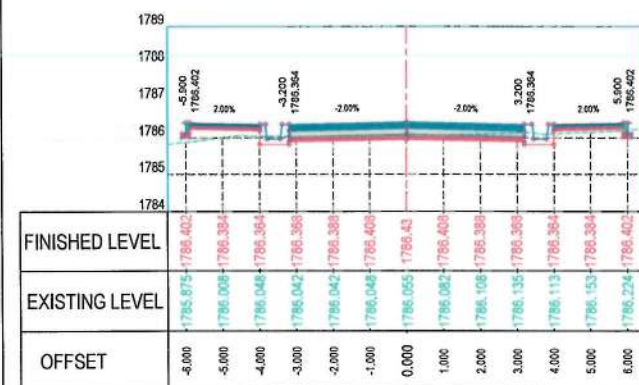
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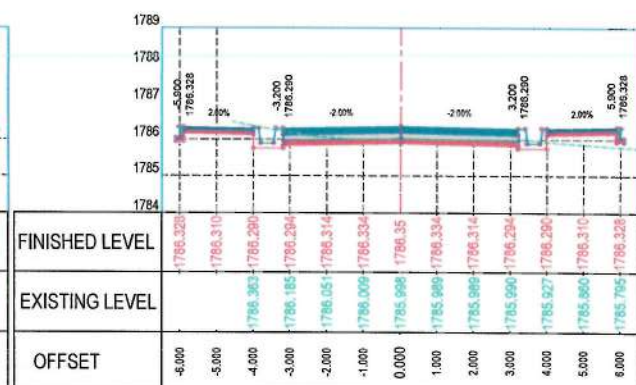
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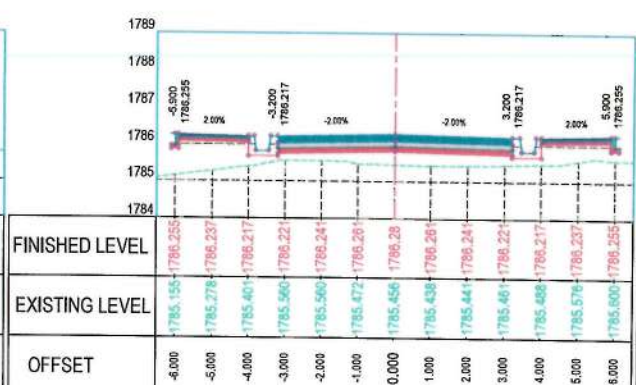
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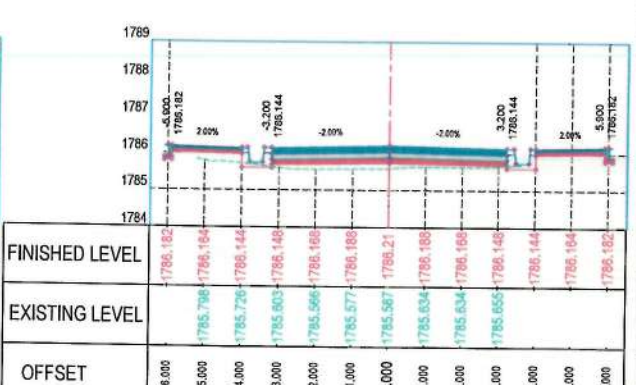
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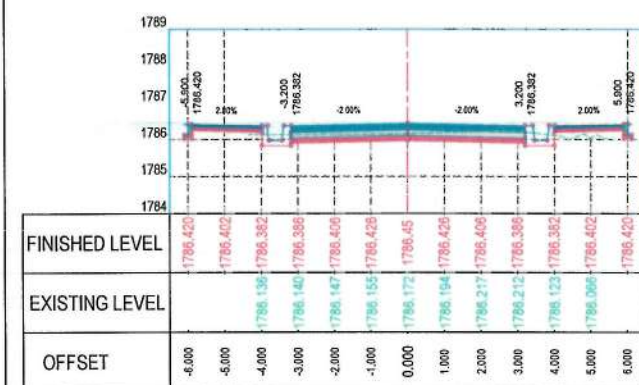
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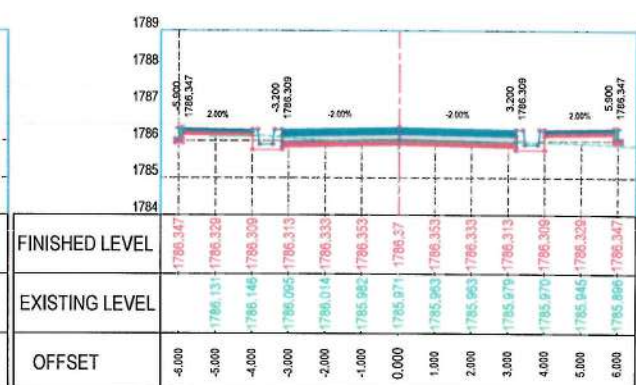
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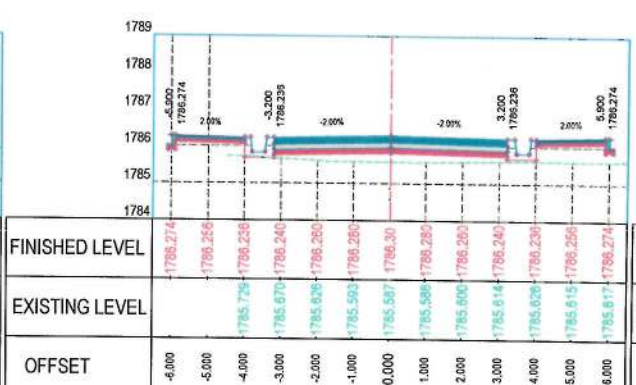
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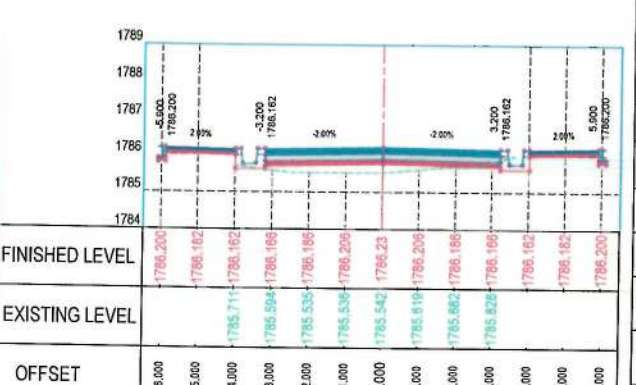
STATION=6+080



STATION=6+160



STATION=6+240



STATION=6+320

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



ISLAMIC EMIRATE OF AFGHANISTAN

KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

CROSS SECTIONS

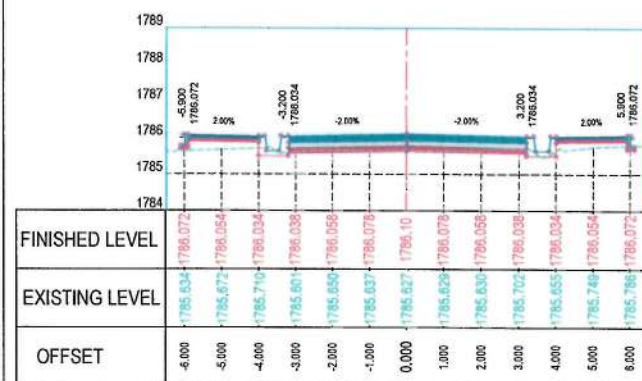
Drawn: Matallah Hussainzai
Designed: Matallah Hussainzai
Checked: Hashibullah Shalizi

Date: 11/08/1445 Scale: 1:200

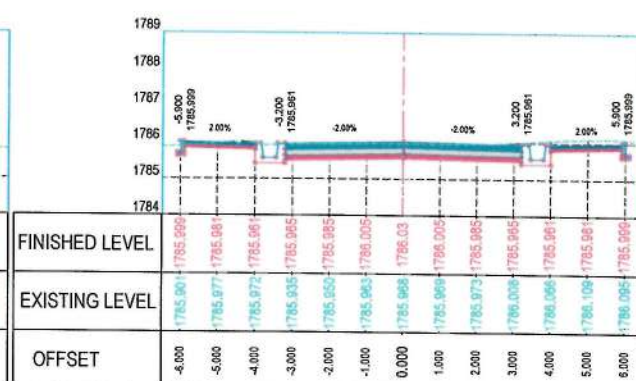
Status: FINAL DESIGN

Project Code

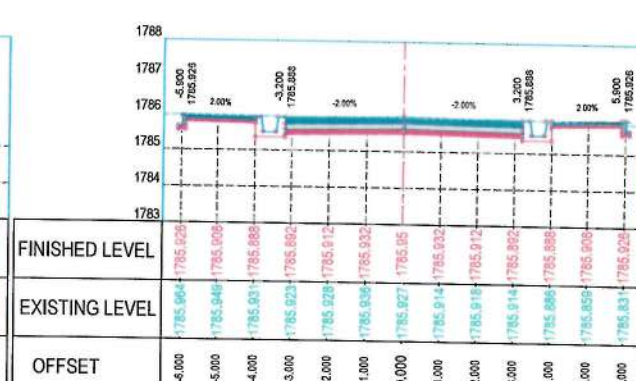
SHEET: CS-20 OF 24
PAGE NO: 74 OF 115
REVISION: 01



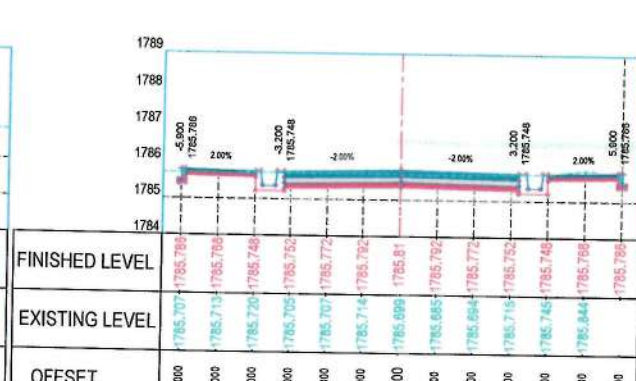
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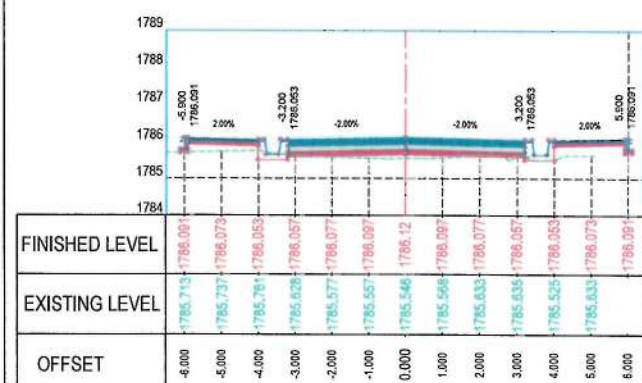
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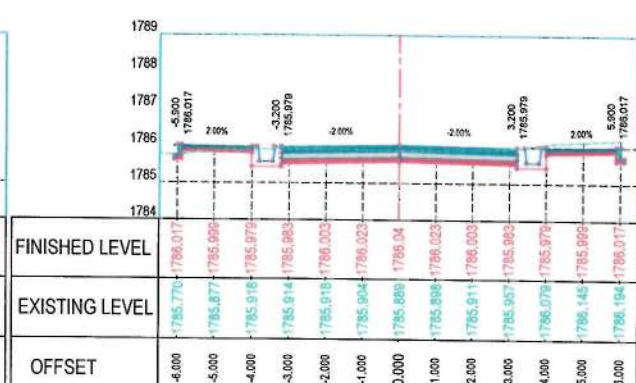
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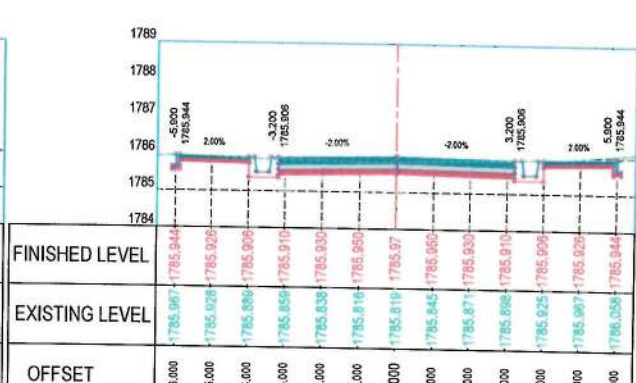
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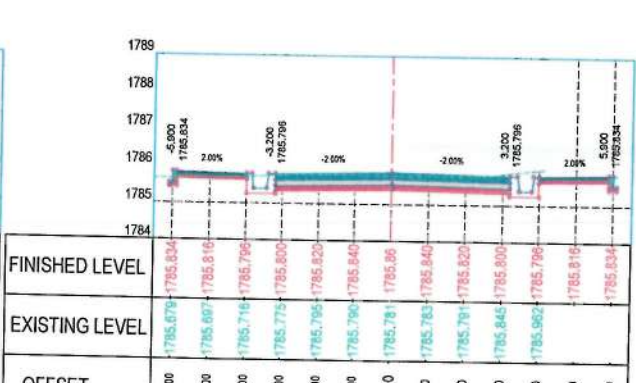
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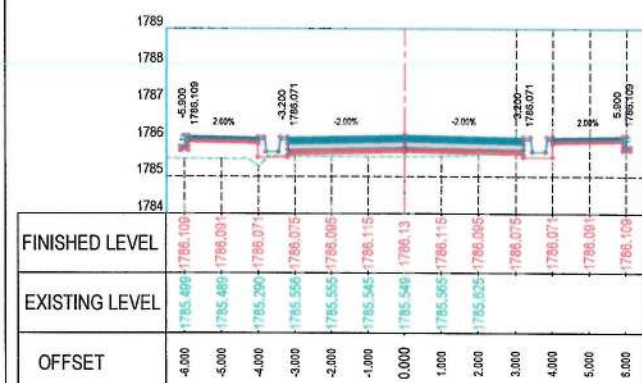
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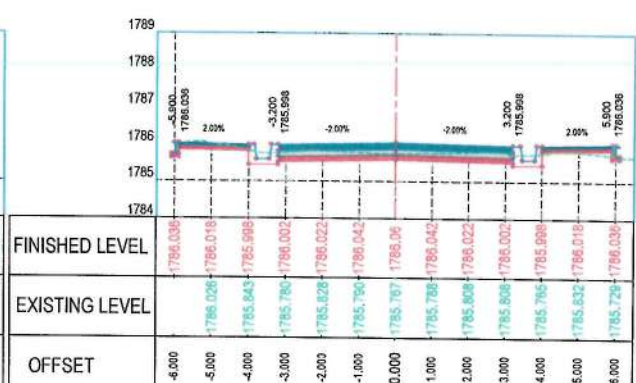
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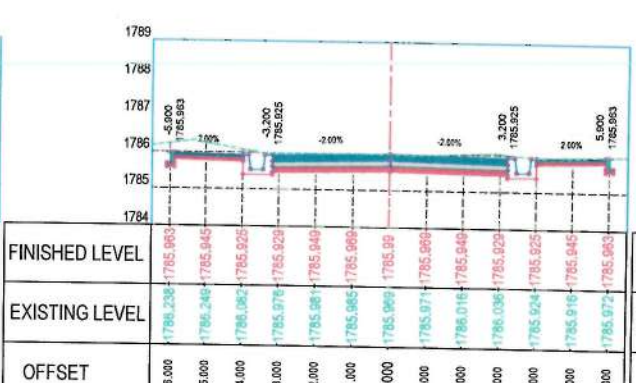
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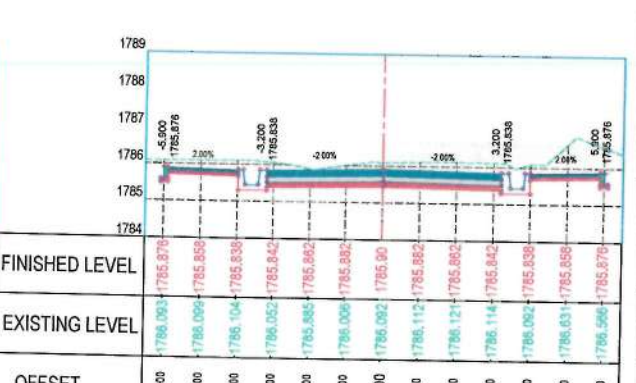
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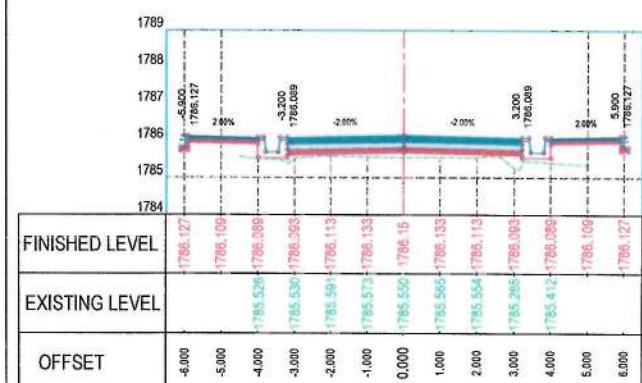
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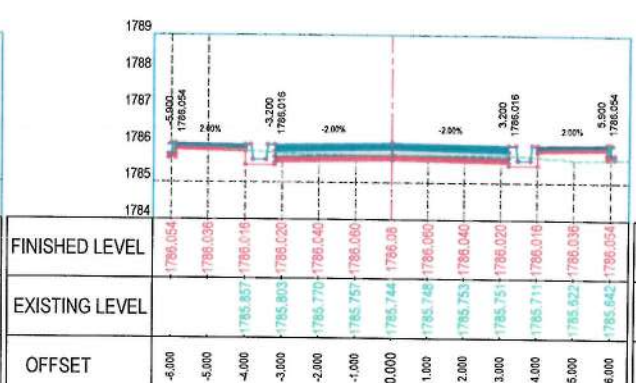
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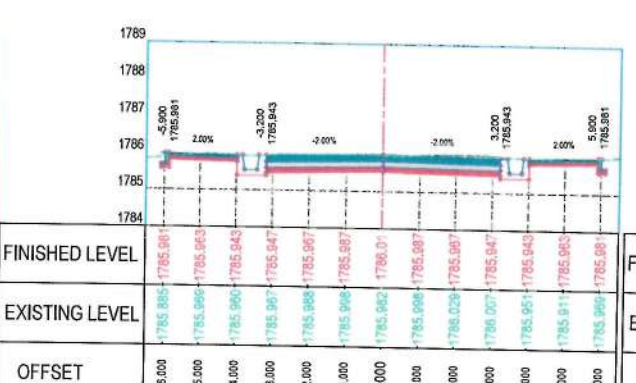
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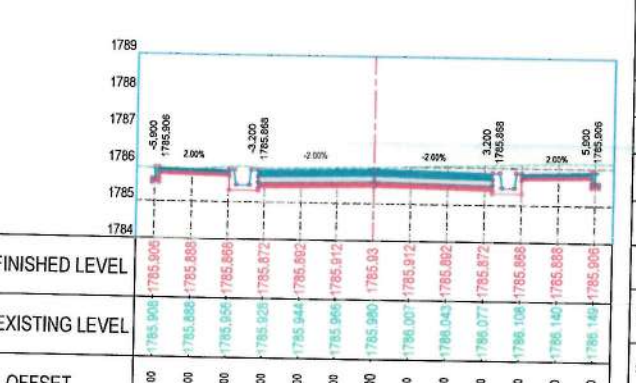
STATION=6+400



STATION=6+480



STATION=6+560



STATION=6+640

NOTE:

1. All dimensions are in meters unless otherwise indicated.



Date	Revision Details	Drawn	Chkd.	Appr
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ISLAMIC EMIRATE OF
AFGHANISTAN

Designed by



Project Name:
Construction of road from Bagrami bridge
to near of the Bene Hesar

Drawing Title:

CROSS SECTIONS

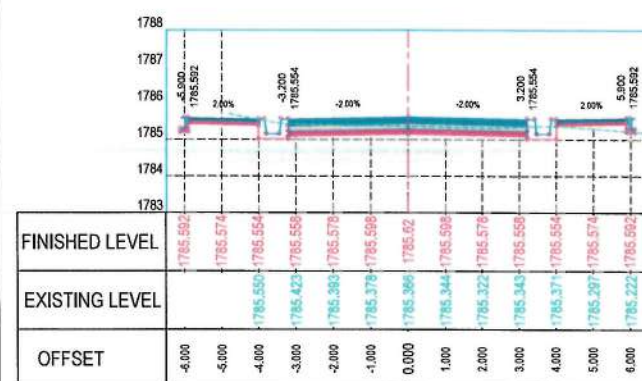
Drawn: Matullah Hussainzai	Signature:
Designed: Matullah Hussainzai	Signature:
Checked: Hasibullah Shatizi	Signature:

Date: 11/08/1445 Scale: 1:200

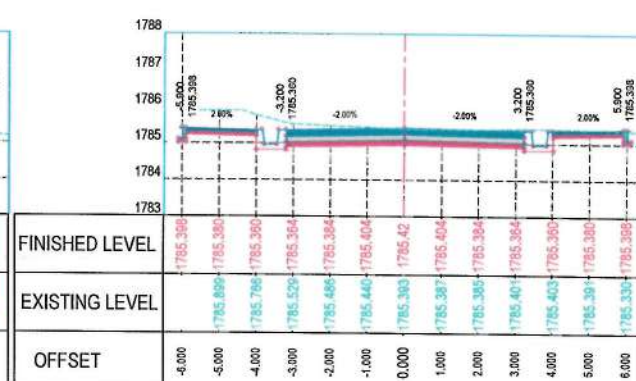
Status:	FINAL DESIGN
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Project Code	
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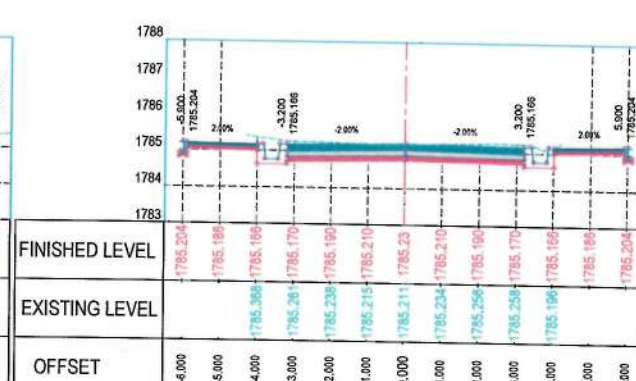
SHEET	PAGE NO	REVISION
CS-21 OF 24	75 OF 115	01



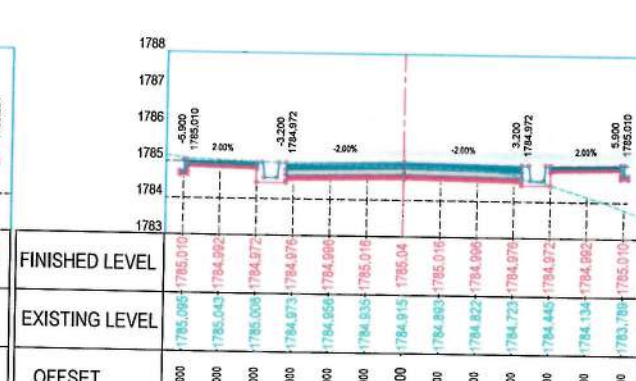
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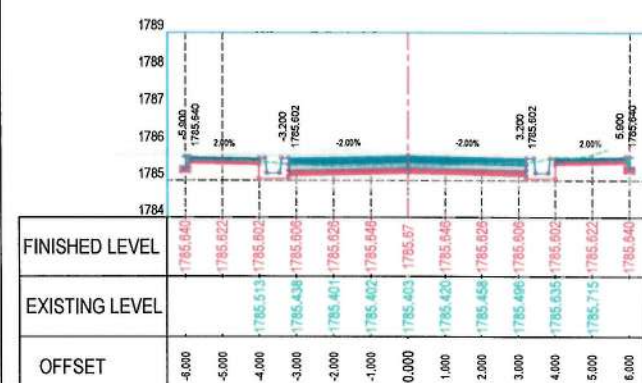
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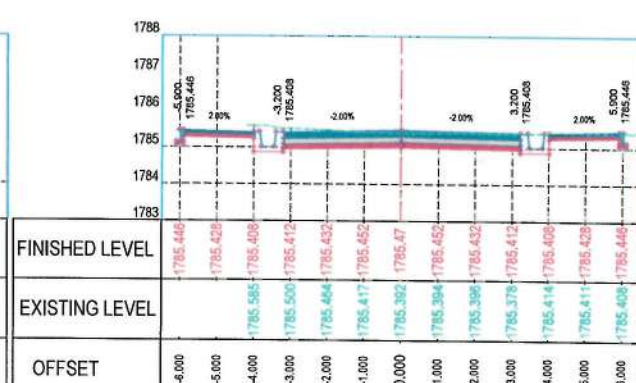
STATION=6+940



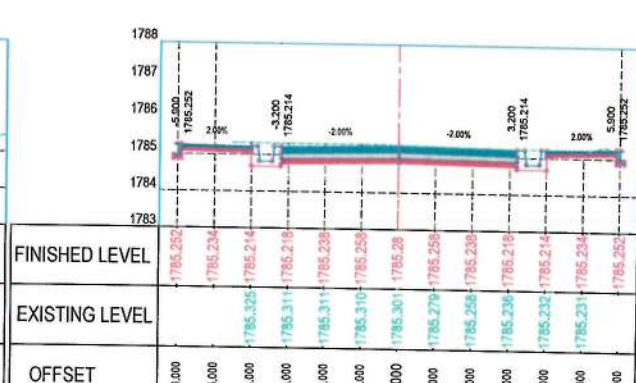
STATION=7+020



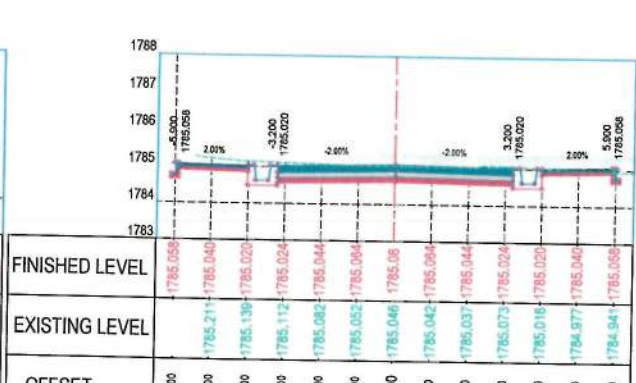
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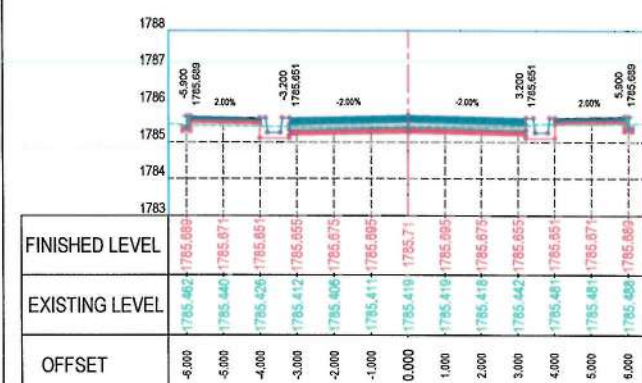
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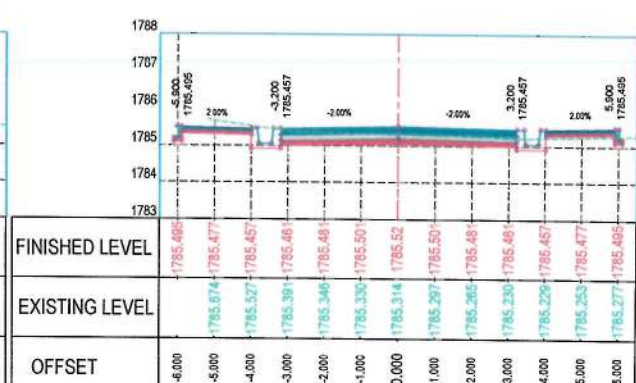
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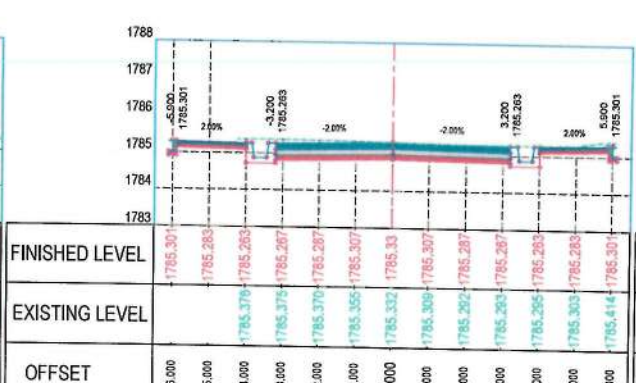
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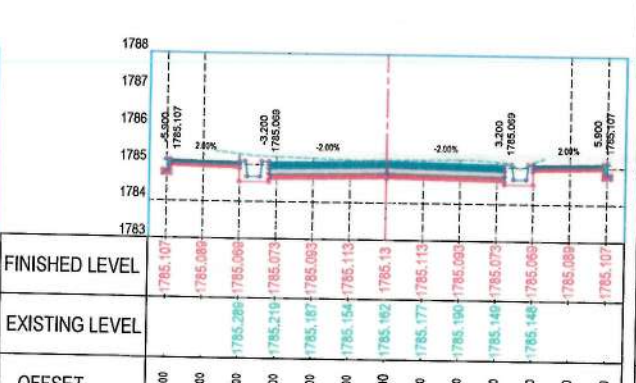
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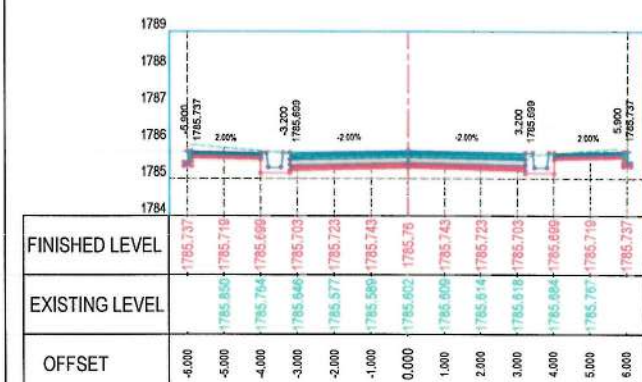
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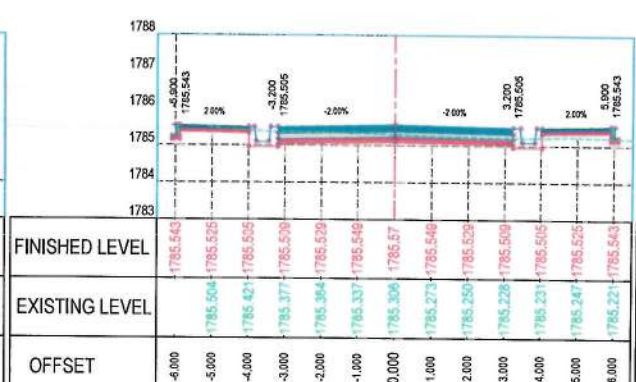
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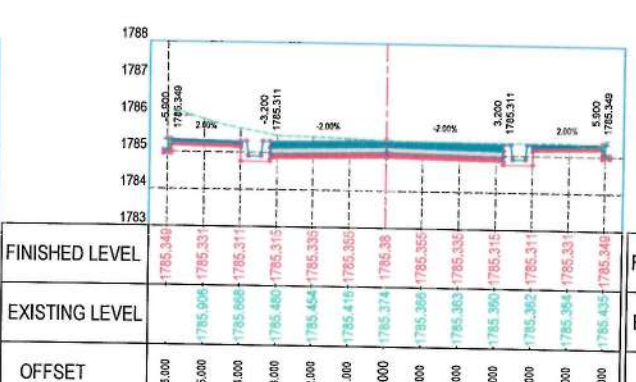
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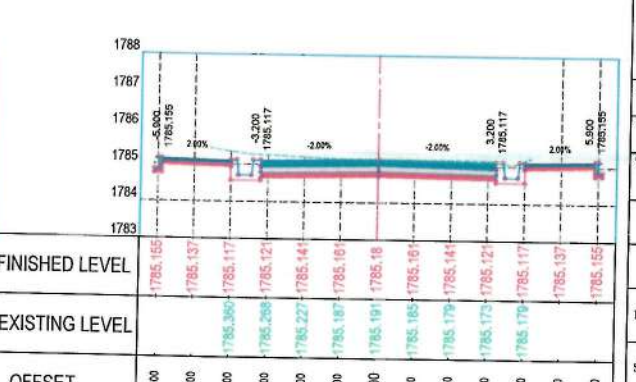
STATION=6+720



STATION=6+800



STATION=6+880



STATION=6+960

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



ISLAMIC EMIRATE OF AFGHANISTAN

Designed by:
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
CROSS SECTIONS

Drawn: Matullah Hussaini
Designed: Matullah Hussaini
Checked: Hanbulah Shalizi

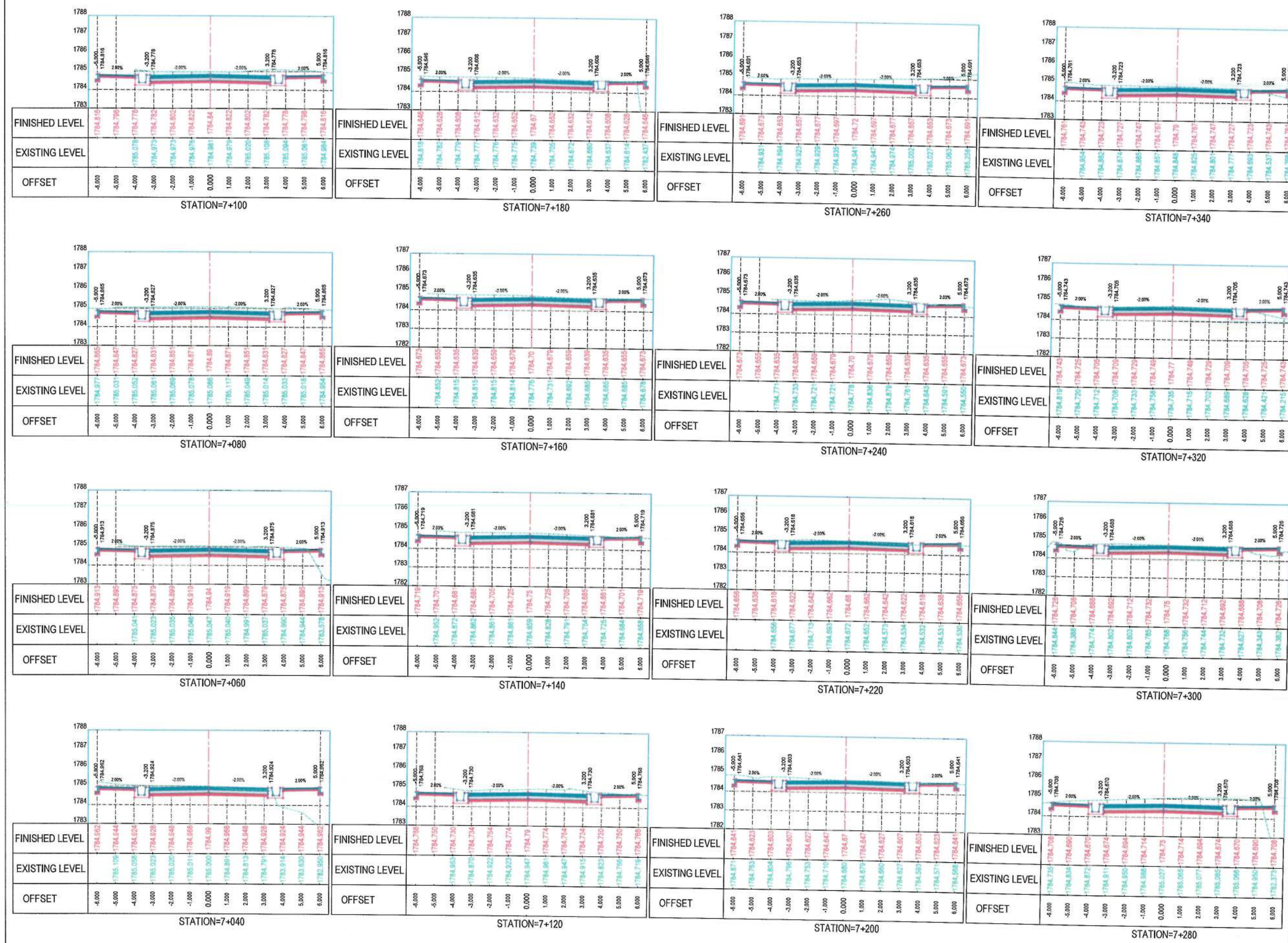
Date: 11/08/1445 Scale: 1:200

Status: FINAL DESIGN

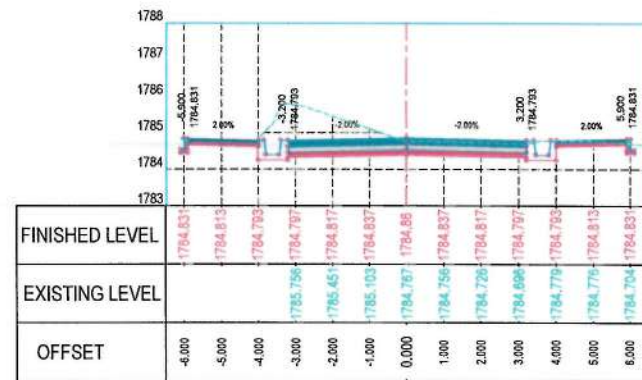
Project Code:

SHEET: CS-22 OF 24
PAGE NO: 76 OF 115
REVISION: 01

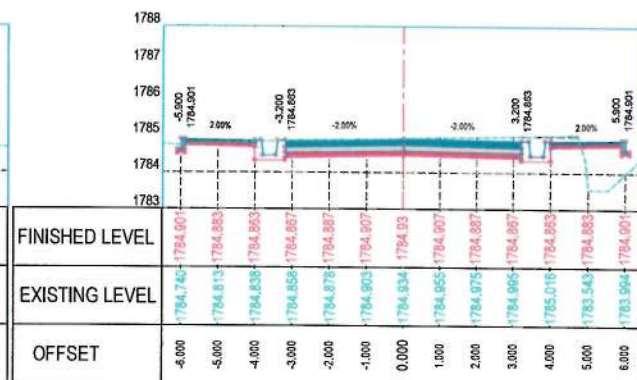
NOTE:
1. All dimensions are in meters unless otherwise indicated.



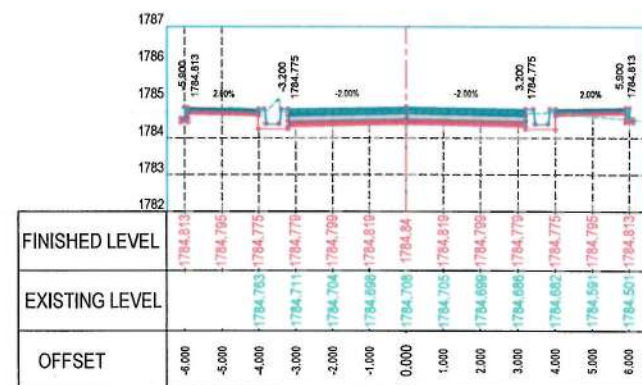
Date	Revision	Details	Drawn	Chkd	Appr
ISLAMIC EMIRATE OF AFGHANISTAN					
Designed by:					
KABUL MUNICIPALITY DESIGN TEAM					
Project Name:					
Construction of road from Bagrami bridge to near of the Bene Hesar					
Drawing Title:					
CROSS SECTIONS					
Drawn:	Signature:				
Designed:	Signature:				
Checked:	Signature:				
Date: 11/08/1445					
Scale: 1:200					
Status: FINAL DESIGN					
Project Code:					
SHEET	PAGE NO	REVISION			
CS-23 OF 24	77 OF 115	01			



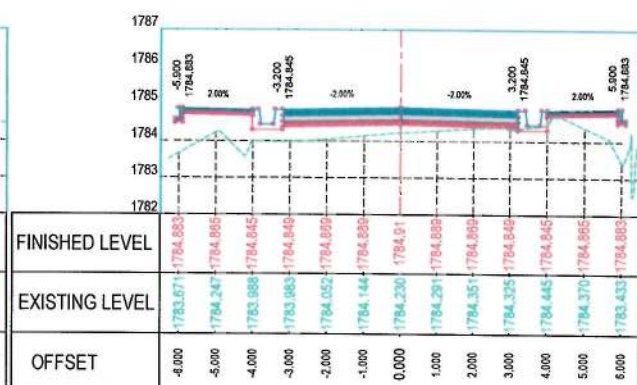
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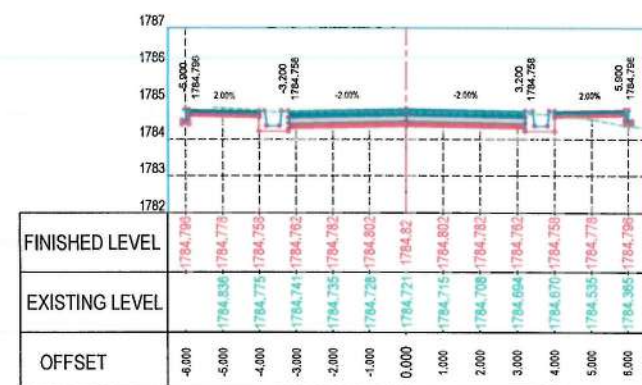
STATION=7+500



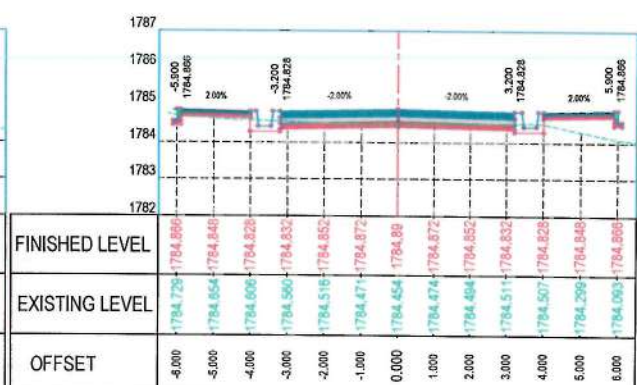
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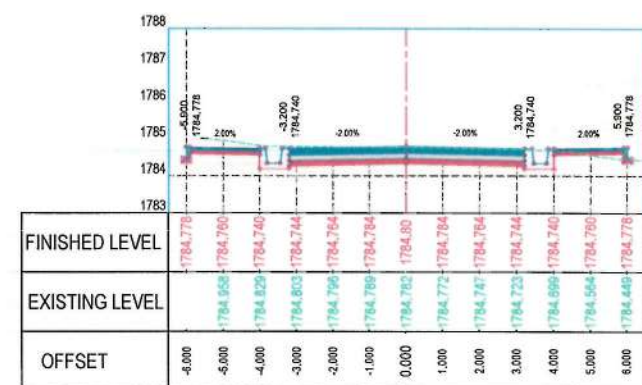
STATION=7+480



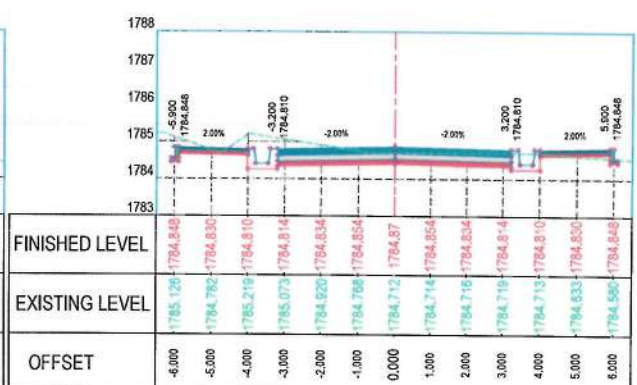
STATION=7+380



STATION=7+460



STATION=7+360



STATION=7+440

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



ISLAMIC EMIRATE OF
AFGHANISTAN

Designed by:
 KAHUL MUNICIPALITY
DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge
to near of the Bene Hesar

Drawing Title:
CROSS SECTIONS

Drawn:
Designed:
Checked:

Date: 11/08/1445 Scale: 1:200

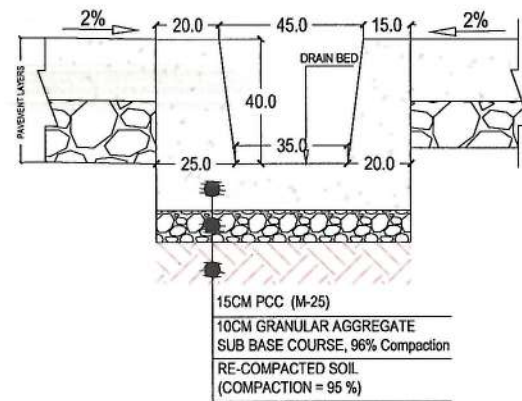
Status: **FINAL
DESIGN**

Project Code
SHEET: CS-24 OF 24 PAGE NO: 78 OF 115 REVISION: 01

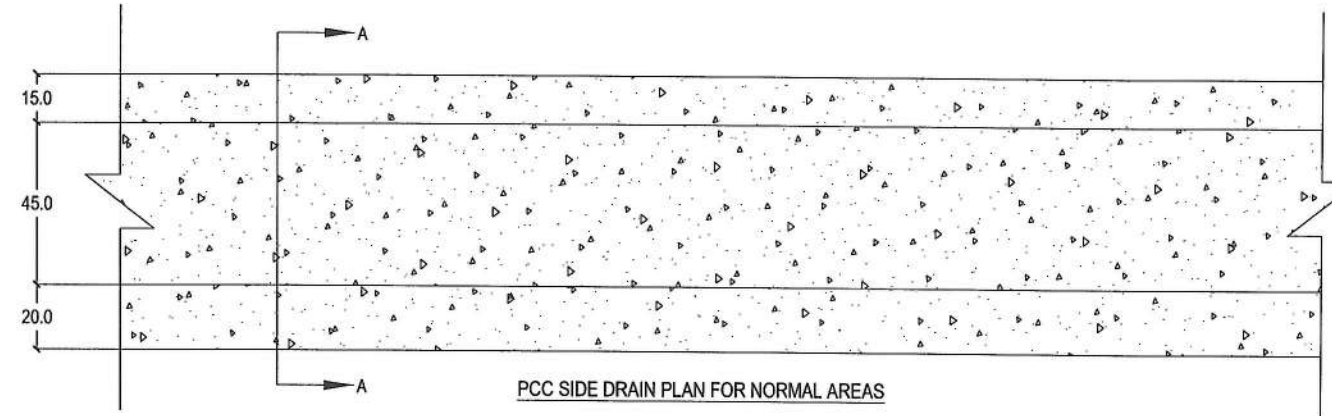
Drainage Section



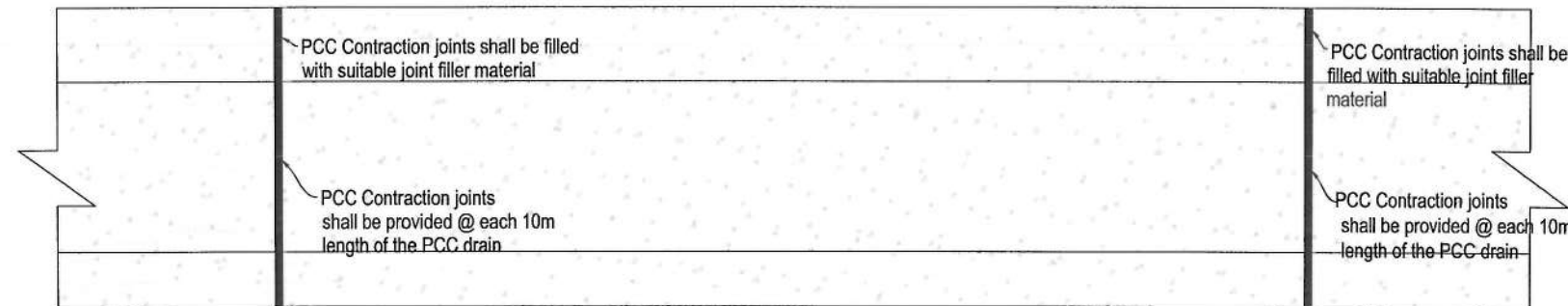
PCC SIDE DRAIN DETAILS TYPE A FOR (RIGHT SIDE FROM STATION 0+000 TO 2+411 & 2+533 TO 7+500) AND (LEFT SIDE FROM STATION 0+000 TO 2+411 & 2+533 TO 7+500)



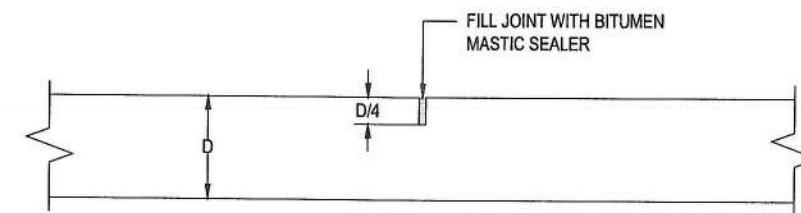
TYPE A SEC A-A FROM PCC SIDE DRAIN



PCC SIDE DRAIN PLAN FOR NORMAL AREAS



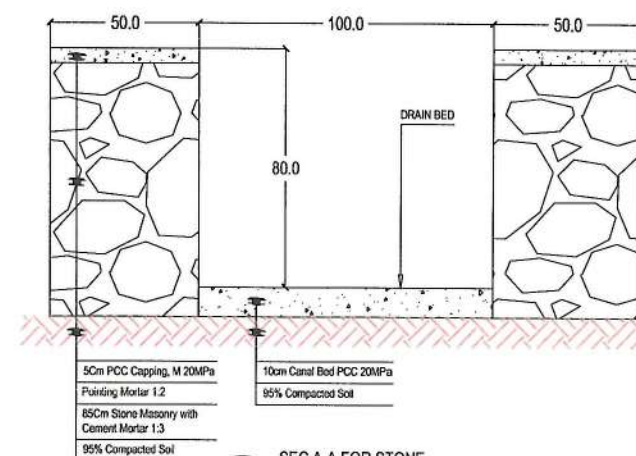
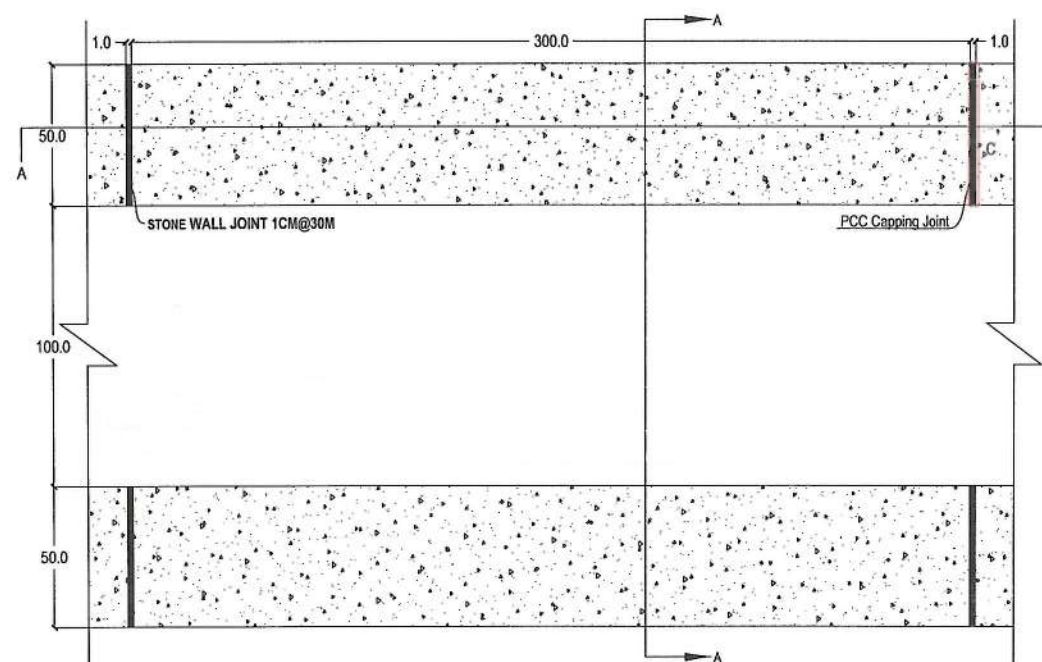
CONTRACTION JOINTS PLAN FOR PCC DRAIN



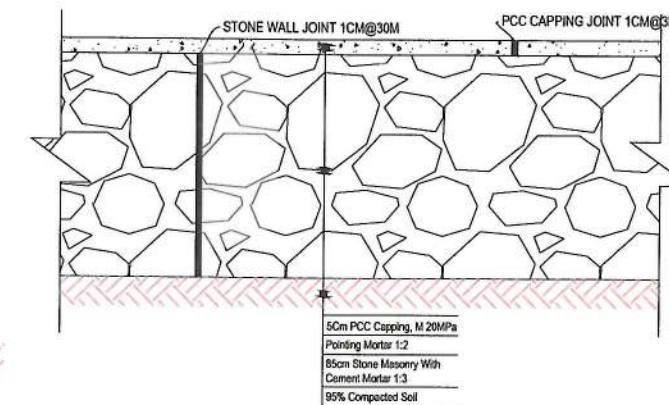
- NOTE-1:
- 1) FORM JOINTS BY SAW CUTTING
 - 2) SPACING OF CONTRACTION JOINTS @ AFTER EVERY 3 METER
 - 3) FILL JOINTS WITH BITUMEN MASTIC SEALER TO PREVENT WATER PENETRATION IN TO BED LAYERS
 - 4) JOINT WIDTH IS 1.0 CM

TRANSVERSE CONTRACTION JOINTS DETAIL

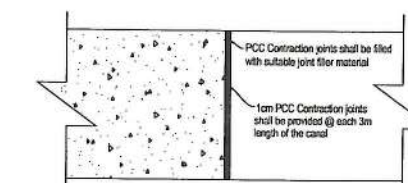
STONE MASOONRY SIDE DRAIN WITH CEMENT MORTAR TYPE B FOR LEFT SIDE (STATION 2+411 TO 2+533)



TYPE B SEC A-A FOR STONE MASOONRY SIDE DRAIN



SECTION A-A



DETAIL C

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



Date	Revision	Details	Drawn	Chkd.	Appr.

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:

KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
PCC AND STONE MASOONRY DRAIN PLAN, TYPICAL CROSS SECTIONS AND DETAILS

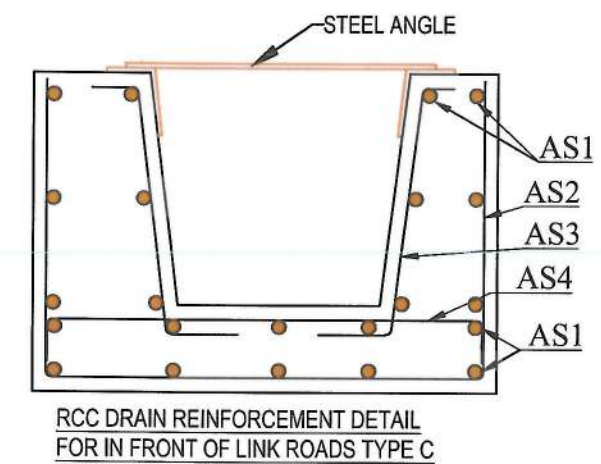
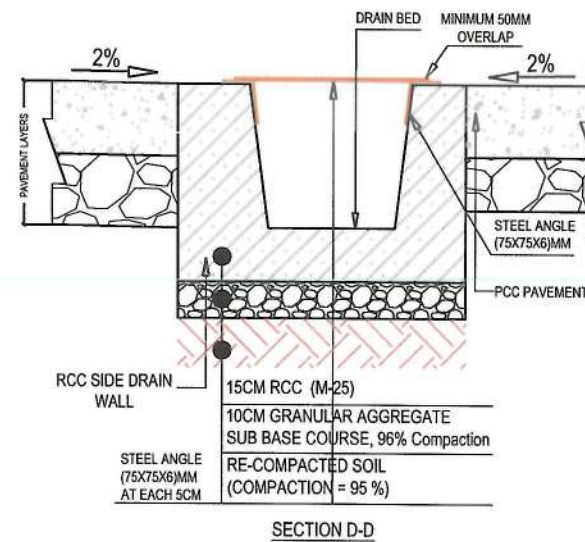
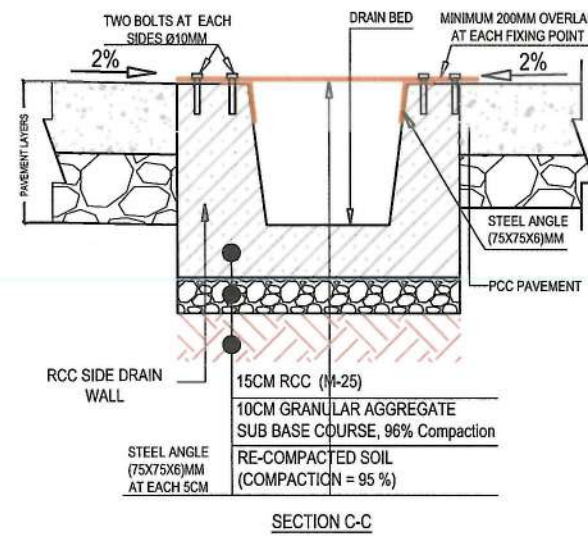
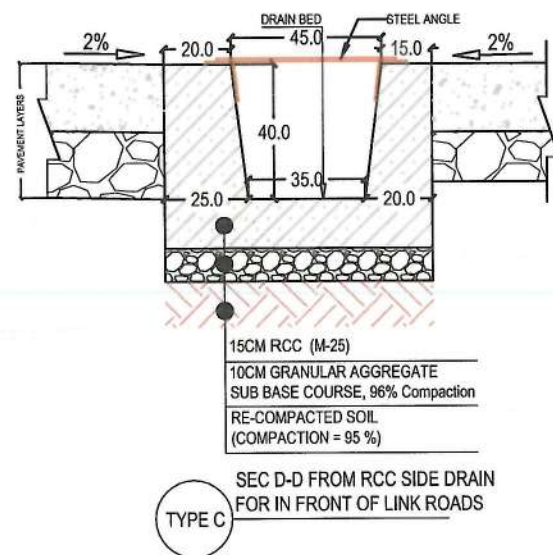
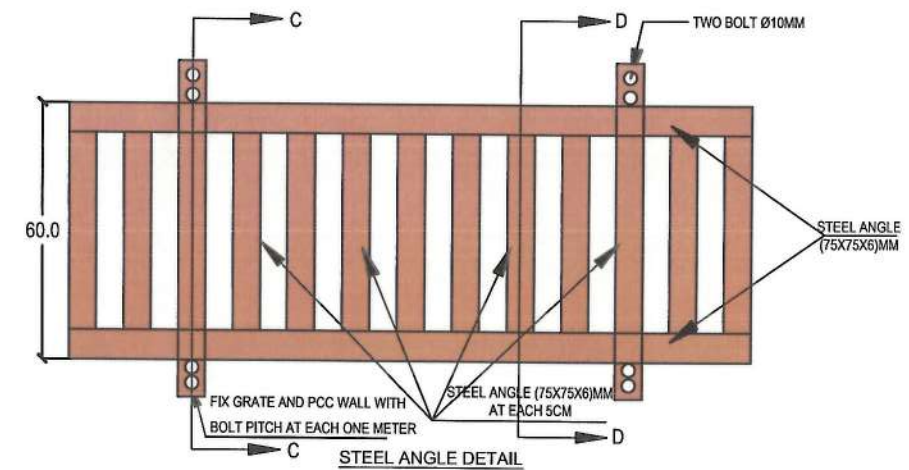
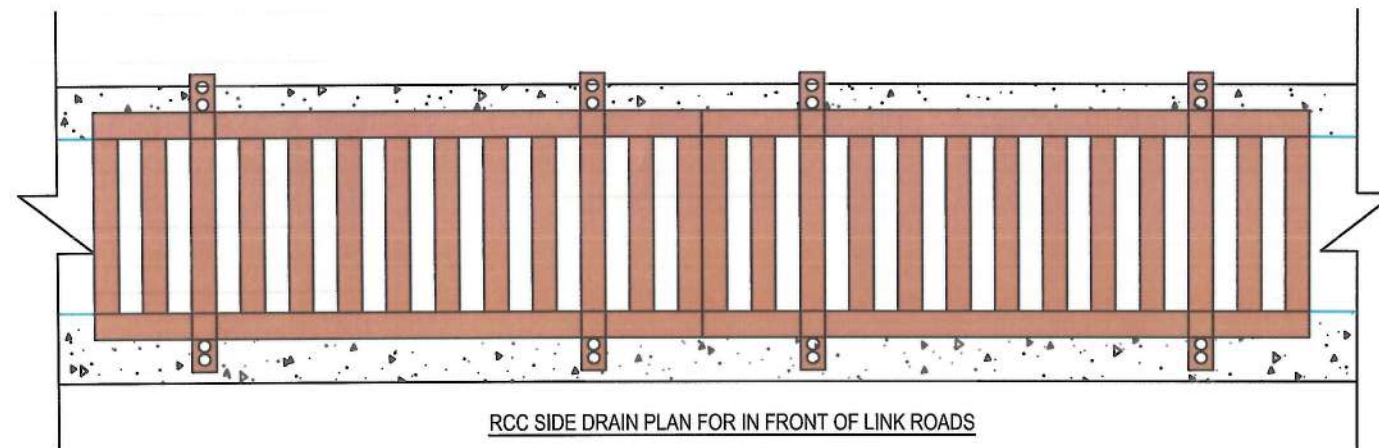
Drawn: Menhaju Rahamn
Designed: Obaidullah Raziqi
Checked: Hasibullah Shalizi

Date: 27/02/2024

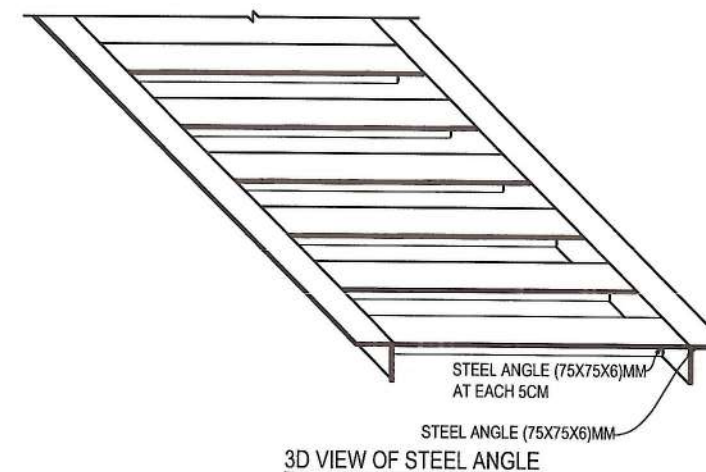
Status: FINEL DESIGN

Project Code

SHEET	PAGE NO	REVISION
DTCS-01 OF 02	79 OF 115	01



Bar Mark	Bar Shape	Diameter (mm)	Spacing (mm)
AS1		10	150
AS2		12	150
AS3		12	150
AS4		12	150



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



Date	Revision	Details	Drawn	Chd.	Appr.

ISLAMIC EMIRATE OF AFGHANISTAN
Designed By:
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
RCC DRAIN PLAN, TYPICAL CROSS SECTIONS AND DETAILS

Drawn: Menhajy Rahamn
Designed: Obaidullah Raziq
Checked: Hasibullah Shalizi

Date: 27/02/2024
Status: FINEL DESIGN

SHEET	PAGE NO	REVISION
DTCS-02 OF 02	80 OF 115	01

PROPOSED STONE MASONRY CULVERT PROPERTIES TYPE (A)

NO	NAME	STATION	SIZE(M) interior		LENGTH	WINGWALLS	
			H	W		Inlet	Outlet
1	PP-CUL-01	0+510	0.8	0.8	8.15	Yes	Yes
2	PP-CUL-02	1+788	0.8	0.8	8.00	Yes	Yes
3	PP-CUL-03	3+233	0.8	0.8	8.30	Yes	Yes
4	PP-CUL-04	5+005	0.8	0.8	8.00	Yes	Yes
5	PP-CUL-05	5+583	0.8	0.8	9.53	Yes	Yes
6	PP-CUL-06	6+408	0.8	0.8	8.00	Yes	Yes

PROPOSED STONE MASONRY CULVERT PROPERTIES TYPE (C)

NO	NAME	STATION	SIZE(M) interior		LENGTH	WINGWALLS	
			H	W		Inlet	Outlet
1	PP-CUL-01	7+285	1.2	1	10.37	Yes	No

PROPOSED STONE MASONRY CULVERT PROPERTIES TYPE (B)

NO	NAME	STATION	SIZE(M) interior		LENGTH	WINGWALLS	
			H	W		Inlet	Outlet
1	PP-CUL-01	0+780	0.6	0.6	8.00	Yes	Yes
2	PP-CUL-02	0+917	0.6	0.6	8.00	Yes	Yes
3	PP-CUL-03	1+429	0.6	0.6	8.53	Yes	Yes
4	PP-CUL-04	1+967	0.6	0.6	8.10	Yes	Yes
5	PP-CUL-05	2+411	0.6	0.6	8.00	Yes	Yes
6	PP-CUL-06	3+428	0.6	0.6	8.54	Yes	Yes
7	PP-CUL-07	3+524	0.6	0.6	8.00	Yes	Yes
8	PP-CUL-08	3+748	0.6	0.6	8.25	Yes	Yes
9	PP-CUL-09	3+981	0.6	0.6	8.00	Yes	Yes
10	PP-CUL-10	4+080	0.6	0.6	8.18	Yes	Yes
11	PP-CUL-11	4+157	0.6	0.6	8.00	Yes	Yes
12	PP-CUL-12	4+373	0.6	0.6	8.00	Yes	Yes
13	PP-CUL-13	4+489	0.6	0.6	8.00	Yes	Yes
14	PP-CUL-14	4+767	0.6	0.6	8.20	Yes	Yes
15	PP-CUL-15	5+136	0.6	0.6	9.33	Yes	Yes
16	PP-CUL-16	5+193	0.6	0.6	8.37	Yes	Yes
17	PP-CUL-17	5+500	0.6	0.6	8.00	Yes	Yes
18	PP-CUL-18	5+613	0.6	0.6	8.18	Yes	Yes
19	PP-CUL-19	6+302	0.6	0.6	8.95	Yes	Yes
20	PP-CUL-20	6+502	0.6	0.6	8.63	Yes	Yes
21	PP-CUL-21	6+575	0.6	0.6	8.00	Yes	Yes

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



Rev.	Date	Revision Details	Drawn	Chkd.	Appd.

ISLAMIC EMIRATE OF
AFGHANISTAN

Designed By:



Project Name:
Construction of road from Bagrami bridge to
near of the Bene Hesar

Drawing Title:

PROPOSED CULVERT LIST

Drawn By: Menhaji Rahman	Signature:
Designed By: Obaidullah Raziqi	Signature:
Checked By: Hasibullah Shalizi	Signature:

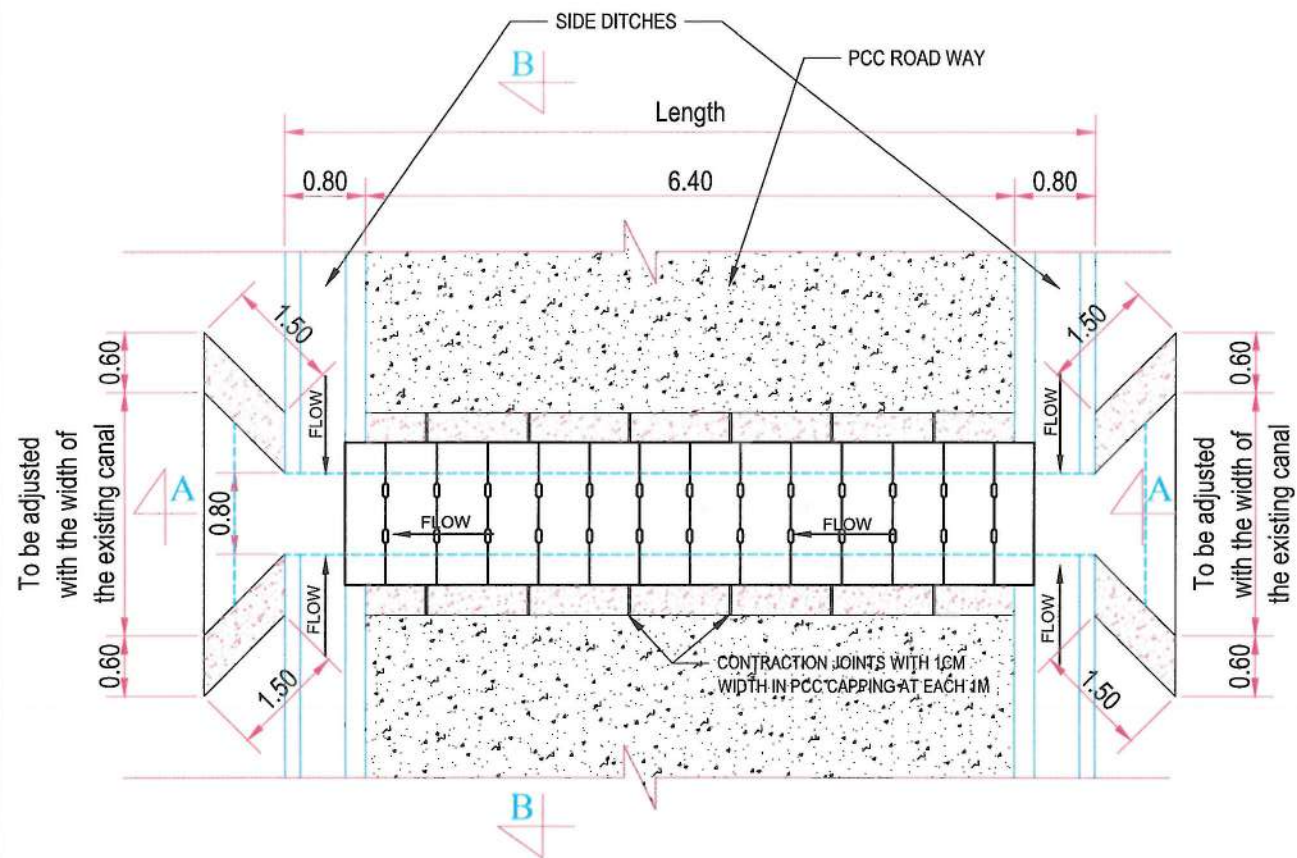
Date:
27/02/2024

Scale:

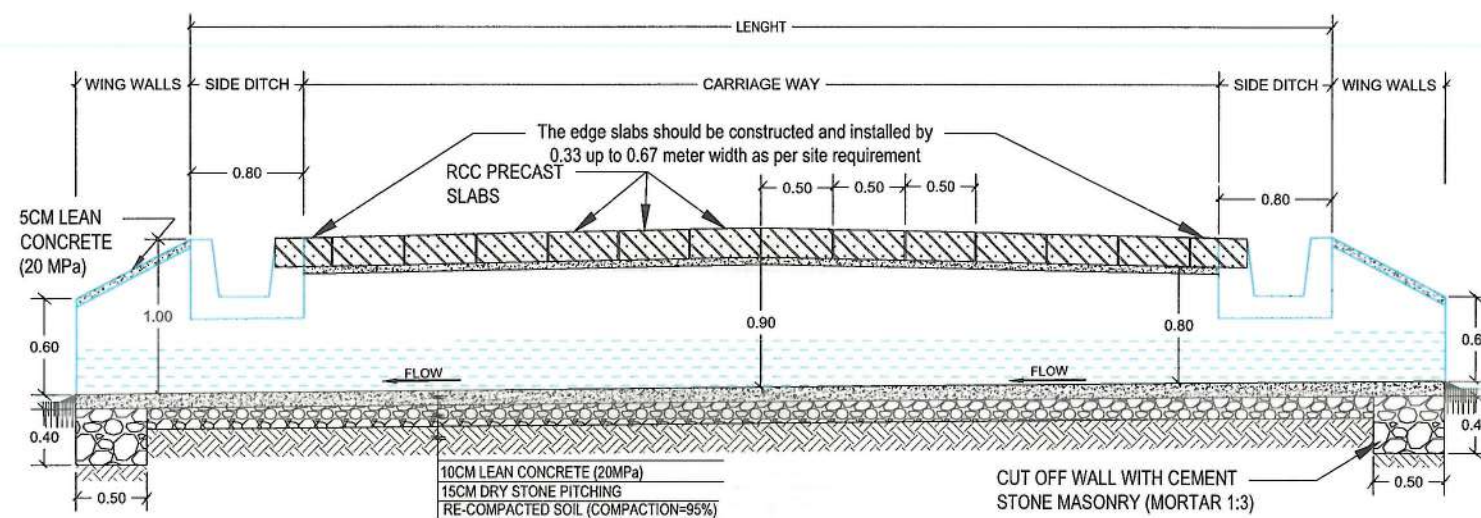
Status:
FINAL DESIGN

Project Code

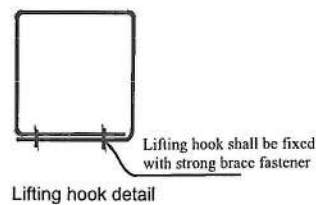
SHEET	PAGE NO	REVISION
SL-01 OF 01	81 OF 115	01



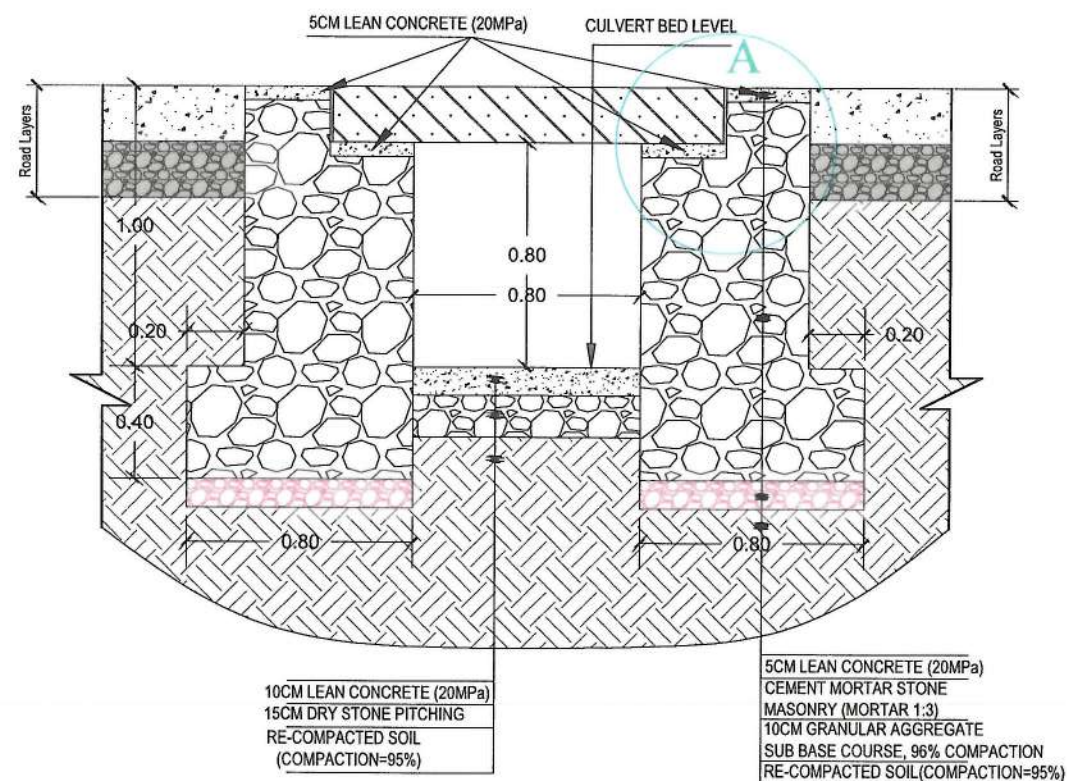
CULVERT PLAN VIEW TYPE A



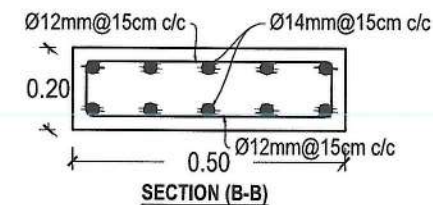
SECTION A-A



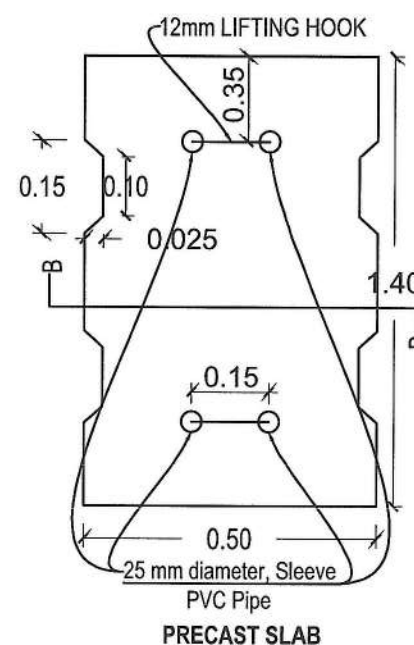
Lifting hook detail



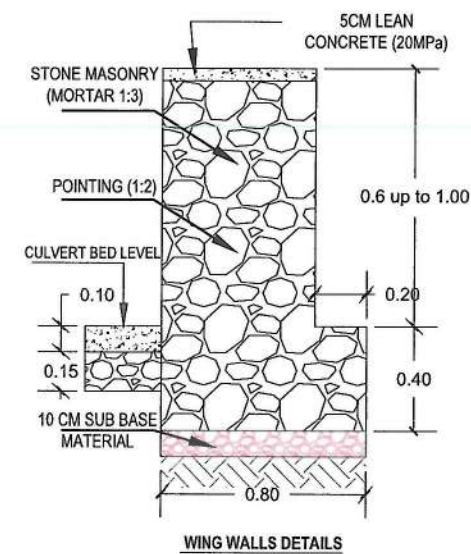
SECTION B-B, DIMENSION AND MATERIAL DETAILS



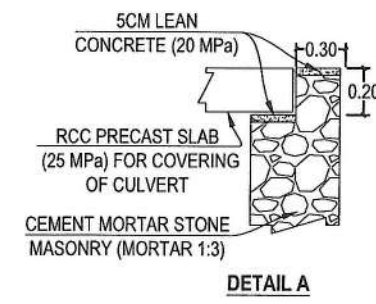
SECTION (B-B)



PRECAST SLAB



WING WALLS DETAILS



DETAIL A

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



Rev.	Date	Revision Details	Drawn	Chkd	Appd

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
Culvert (0.8x0.8) details, flow direction is from right to left

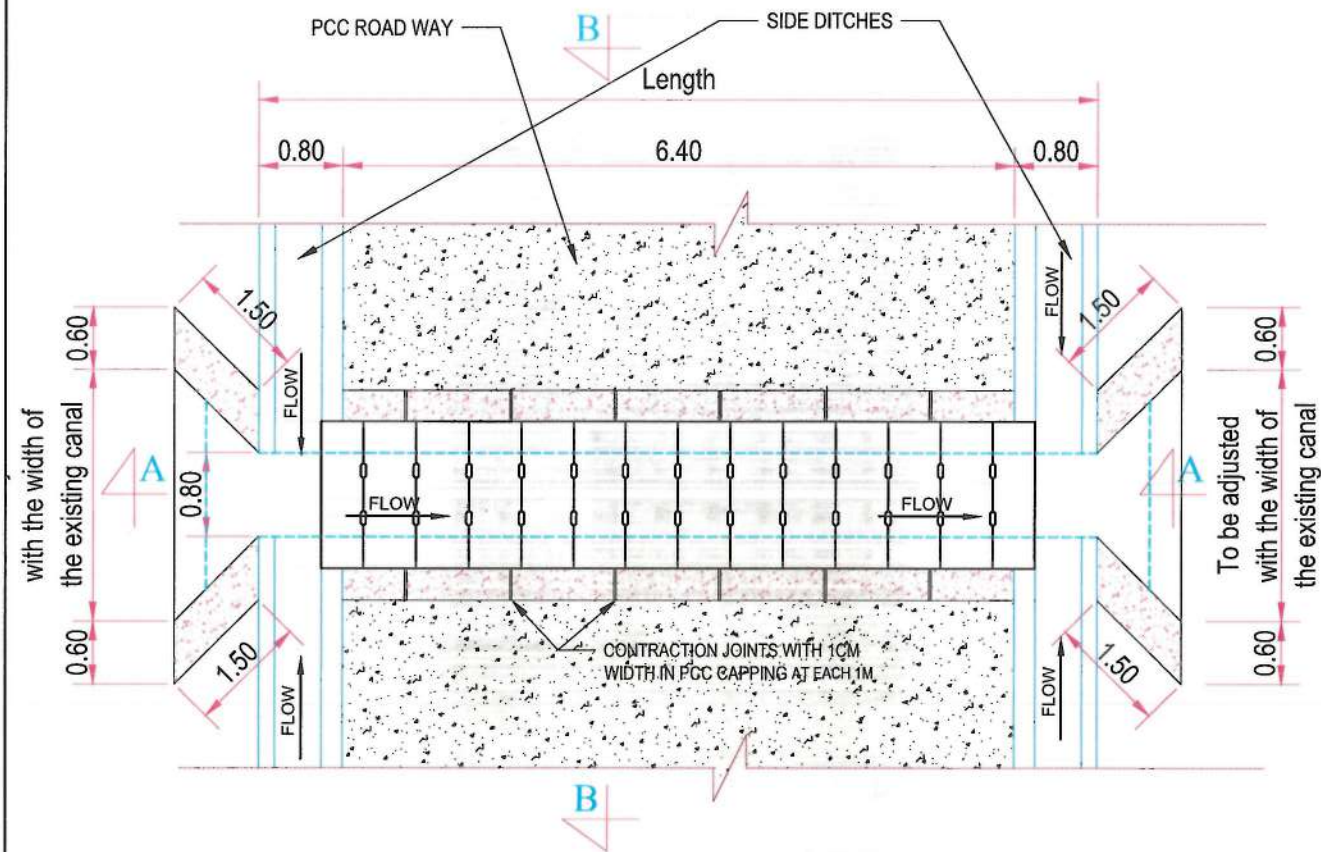
Drawn By: Menhaju Rahman
Designed By: Obaidullah Raziqi
Checked By: Hasibullah Shalizi

Date: 27/02/2024
Scale:

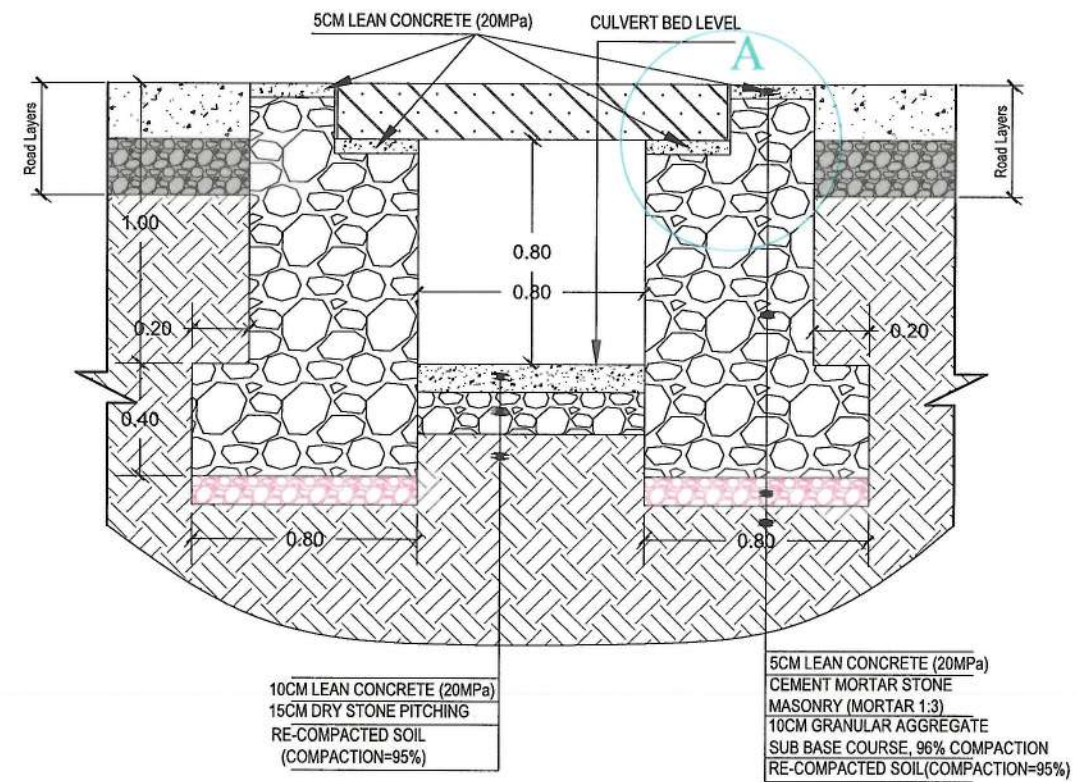
Status: FINAL DESIGN

Project Code

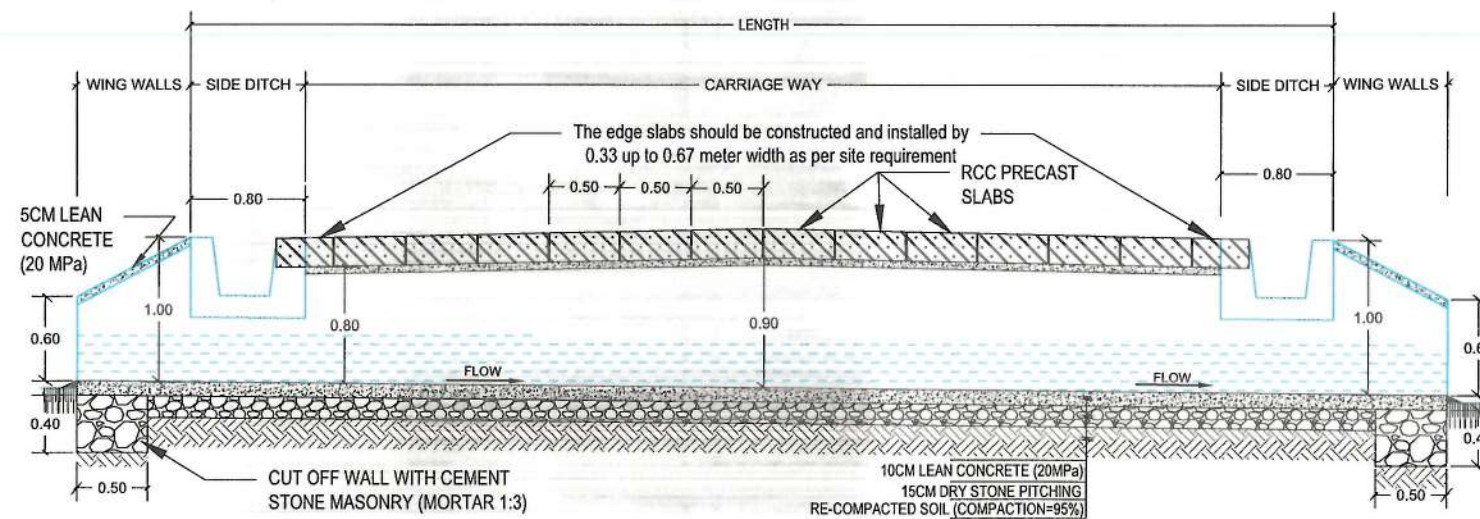
SHEET: CUL-02 OF 06
PAGE NO: 83 OF 115
REVISION: 01



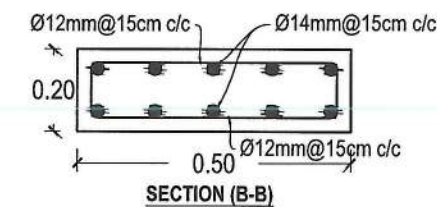
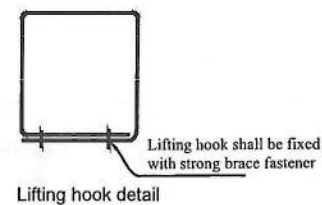
CULVERT PLAN VIEW TYPE A



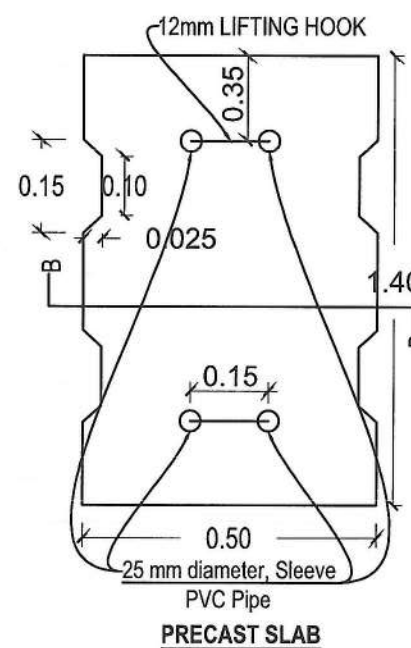
SECTION B-B, DIMENSION AND MATERIAL DETAILS



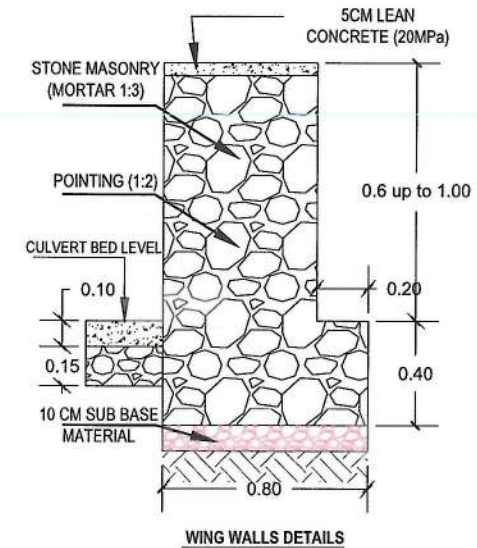
SECTION A-A



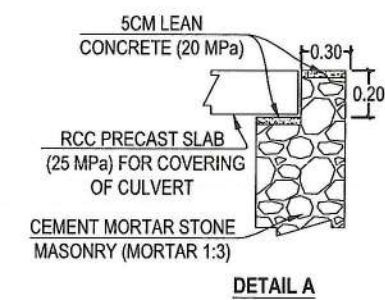
SECTION (B-B)



PRECAST SLAB



WING WALLS DETAILS



DETAIL A

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



Rev.	Date	Revision Details	Drawn	Chkd	Appd.

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
Culvert (0.8x0.8) details, flow direction is from left to right

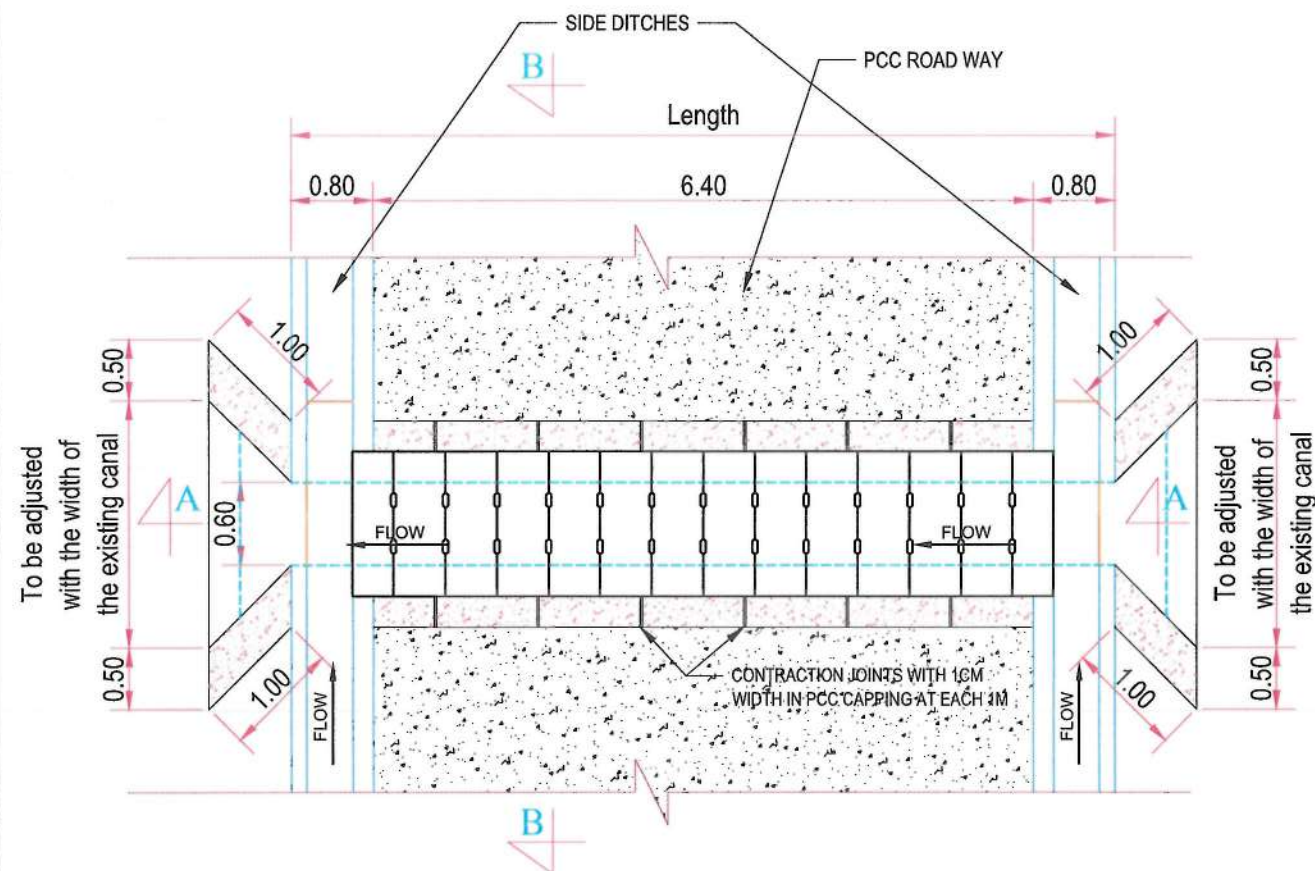
Drawn By: Menhaja Rahman
Designed By: Obaidullah Raziqi
Checked By: Hassibullah Shalizi

Date: 27/02/2024
Scale:

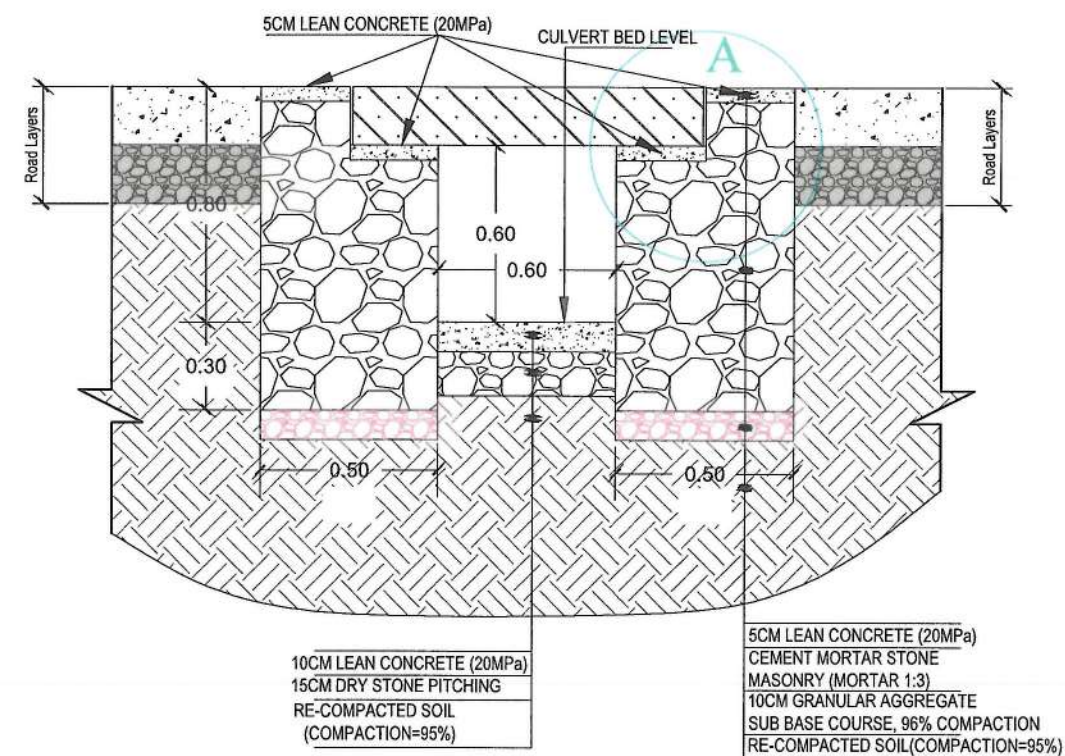
Status: FINAL DESIGN

Project Code

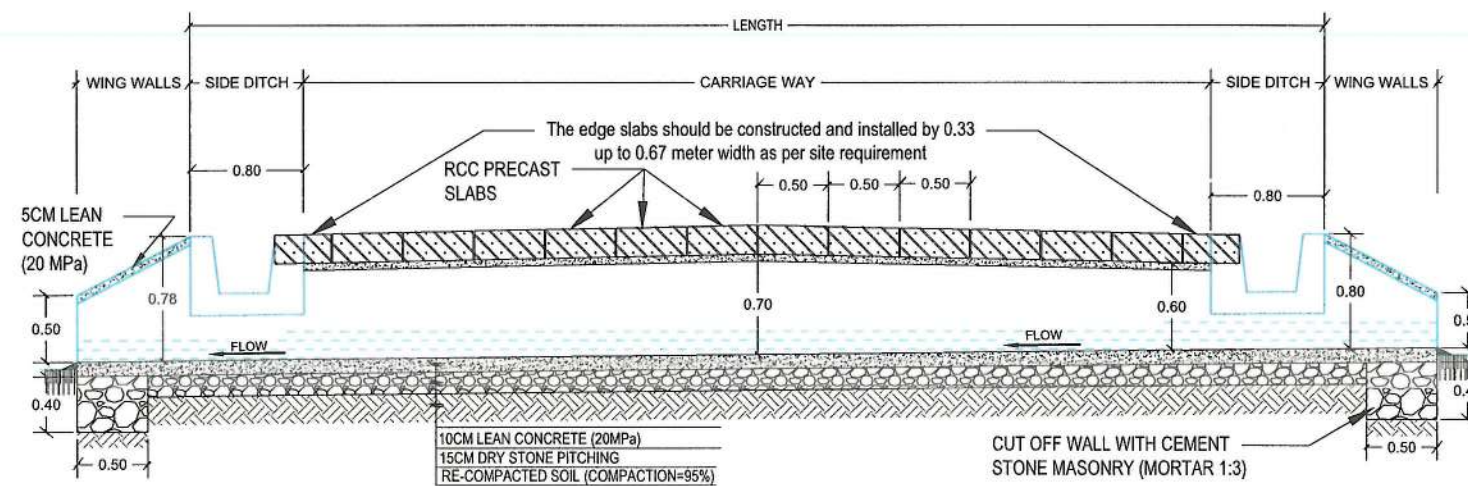
SHEET	PAGE NO	REVISION
CUL-01 OF 06	82 OF 115	01



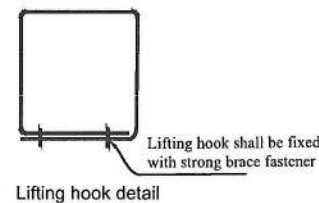
CULVERT PLAN VIEW TYPE B



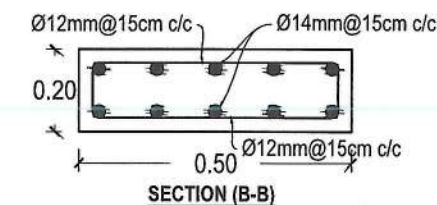
SECTION B-B, DIMENSION AND MATERIAL DETAILS



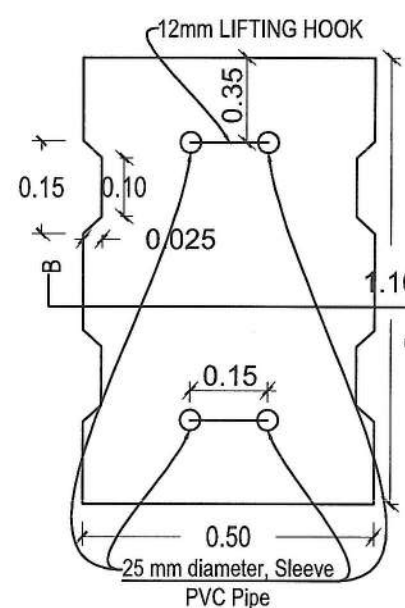
SECTION A-A



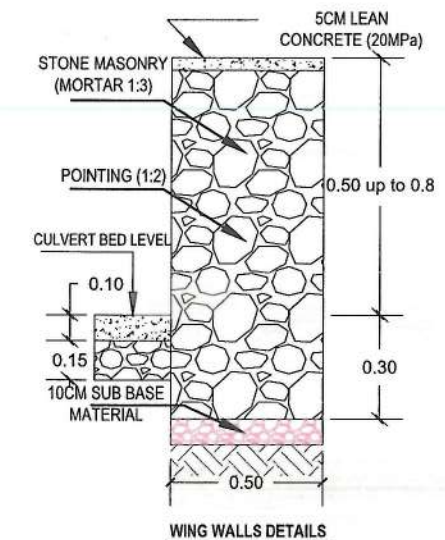
Lifting hook detail



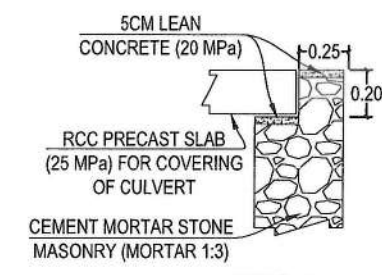
SECTION (B-B)



PRECAST SLAB



WING WALLS DETAILS



DETAIL A

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



Rev.	Date	Revision Details	Drawn	Chkd.	Appd.

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
Culvert (0.6x0.6) details, flow direction is from right to left

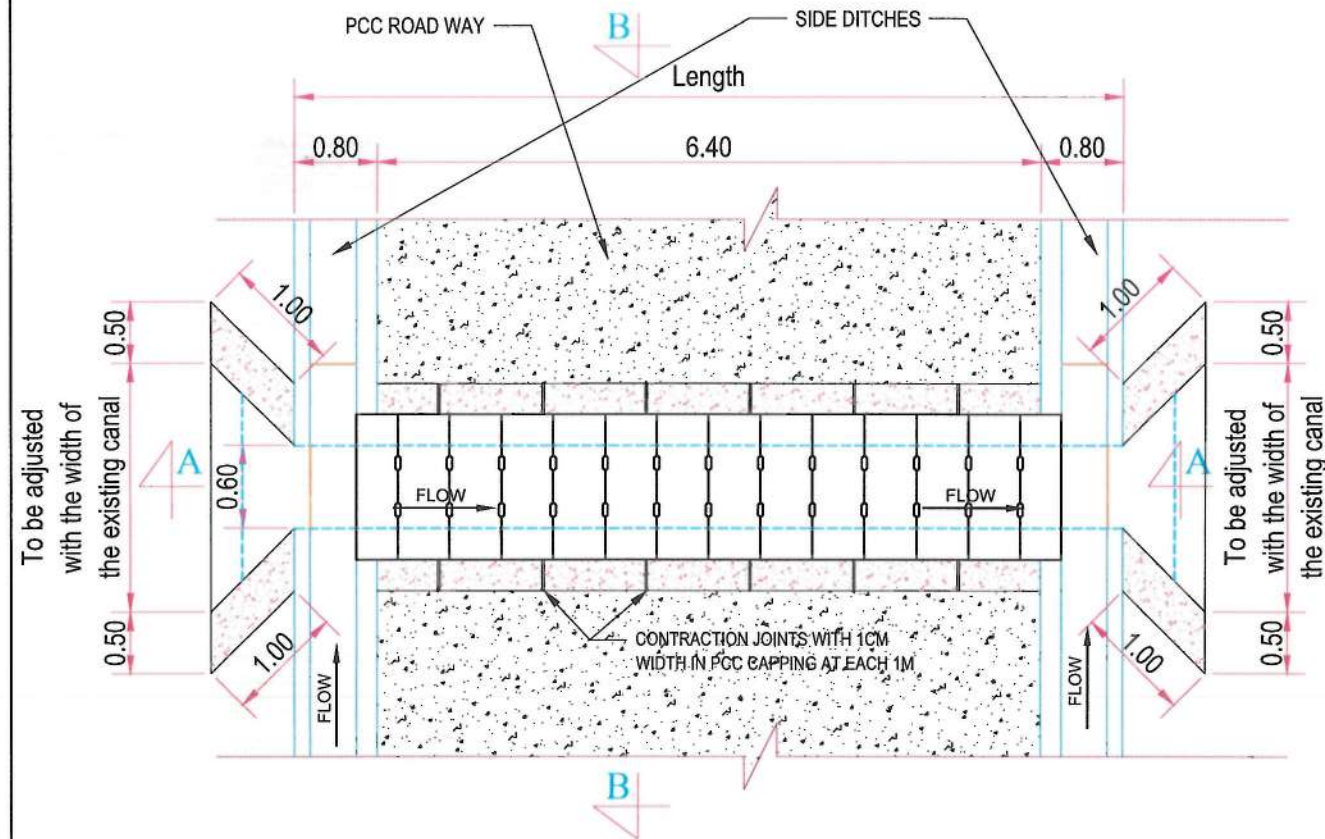
Drawn By: Menhaji Rahman
Designed By: Obaidullah Raziqi
Checked By: Habibullah Shalizi

Date: 27/02/2024
Scale:

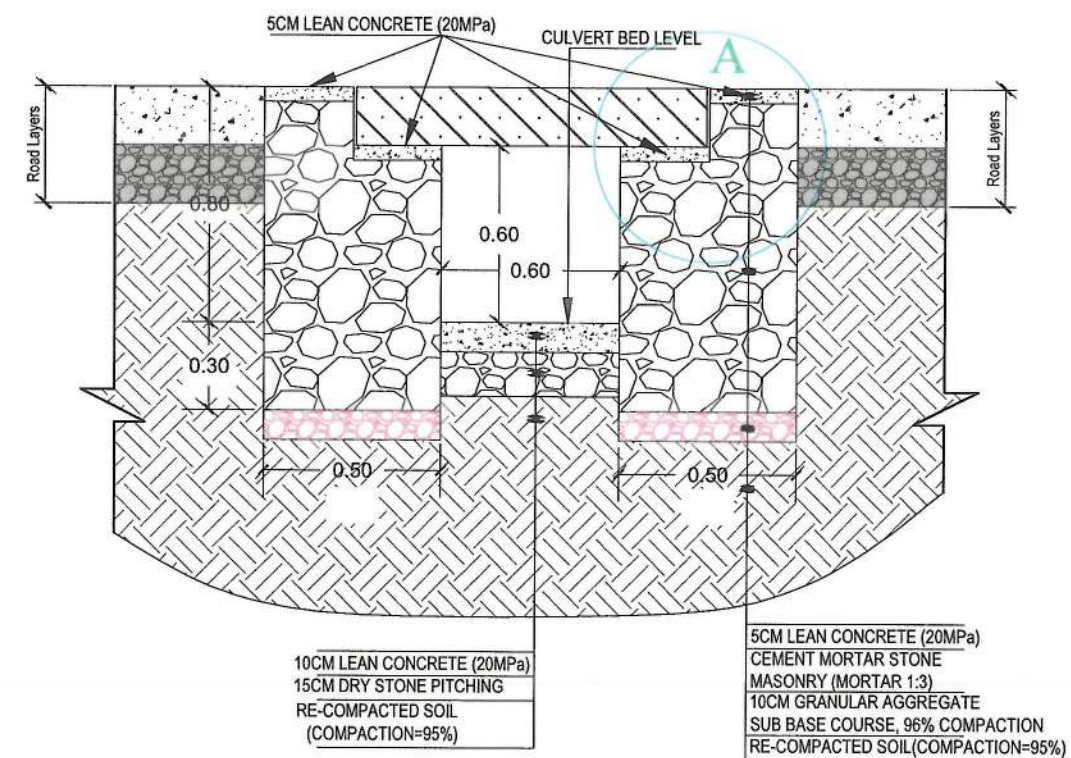
Status: FINAL DESIGN

Project Code:

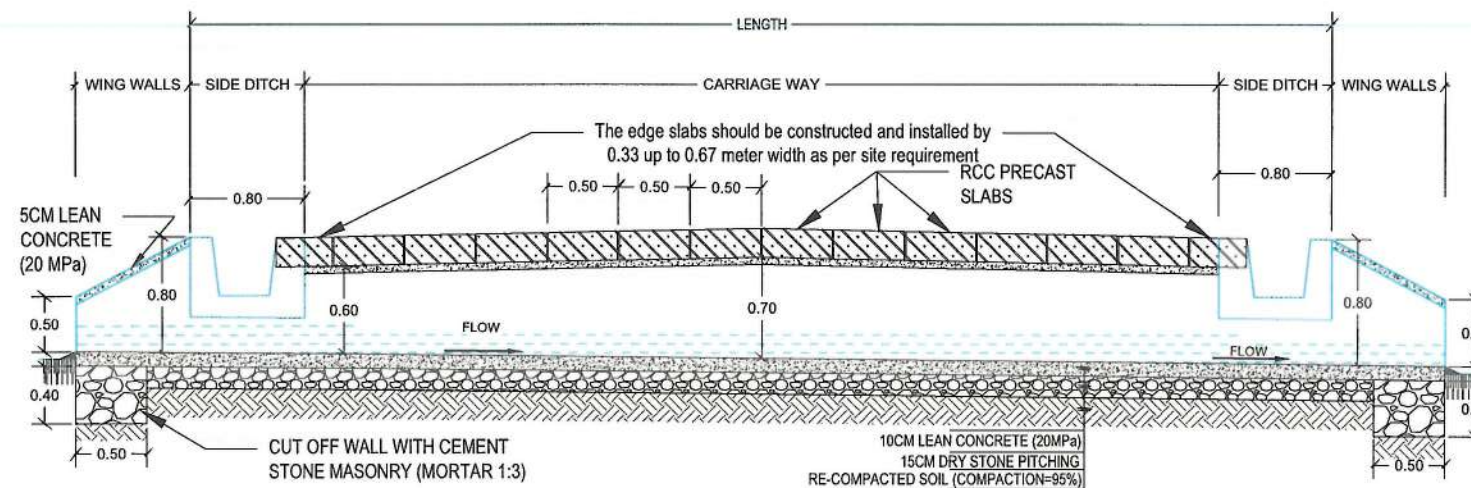
SHEET	PAGE NO	REVISION
CUL-04 OF 06	85 OF 115	01



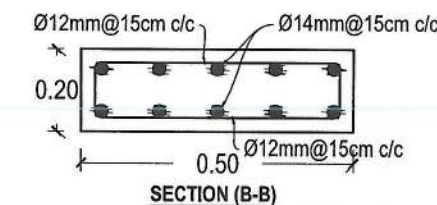
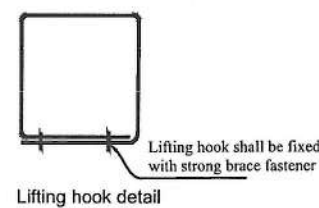
CULVERT PLAN VIEW TYPE B



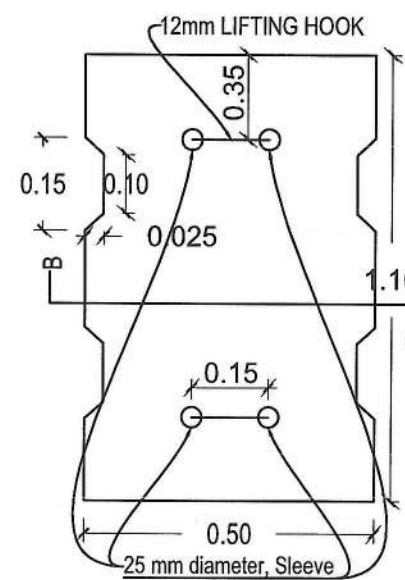
SECTION B-B, DIMENSION AND MATERIAL DETAILS



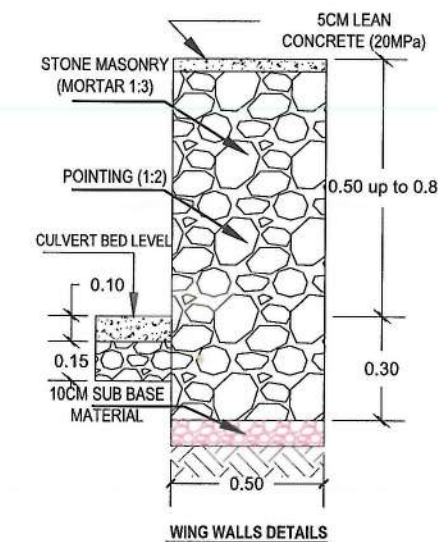
SECTION A-A



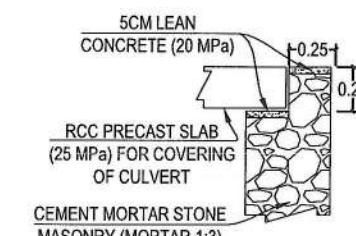
SECTION (B-B)



PRECAST SLAB



WING WALLS DETAILS



DETAIL A

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



Rev.	Date	Revision Details	Drawn	Chkd.	Appd.

ISLAMIC EMIRATE OF
AFGHANISTAN

Designed By:
 KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to
near of the Bene Hesar

Drawing Title:
Culvert (0.6x0.6) details, flow
direction is from left to right

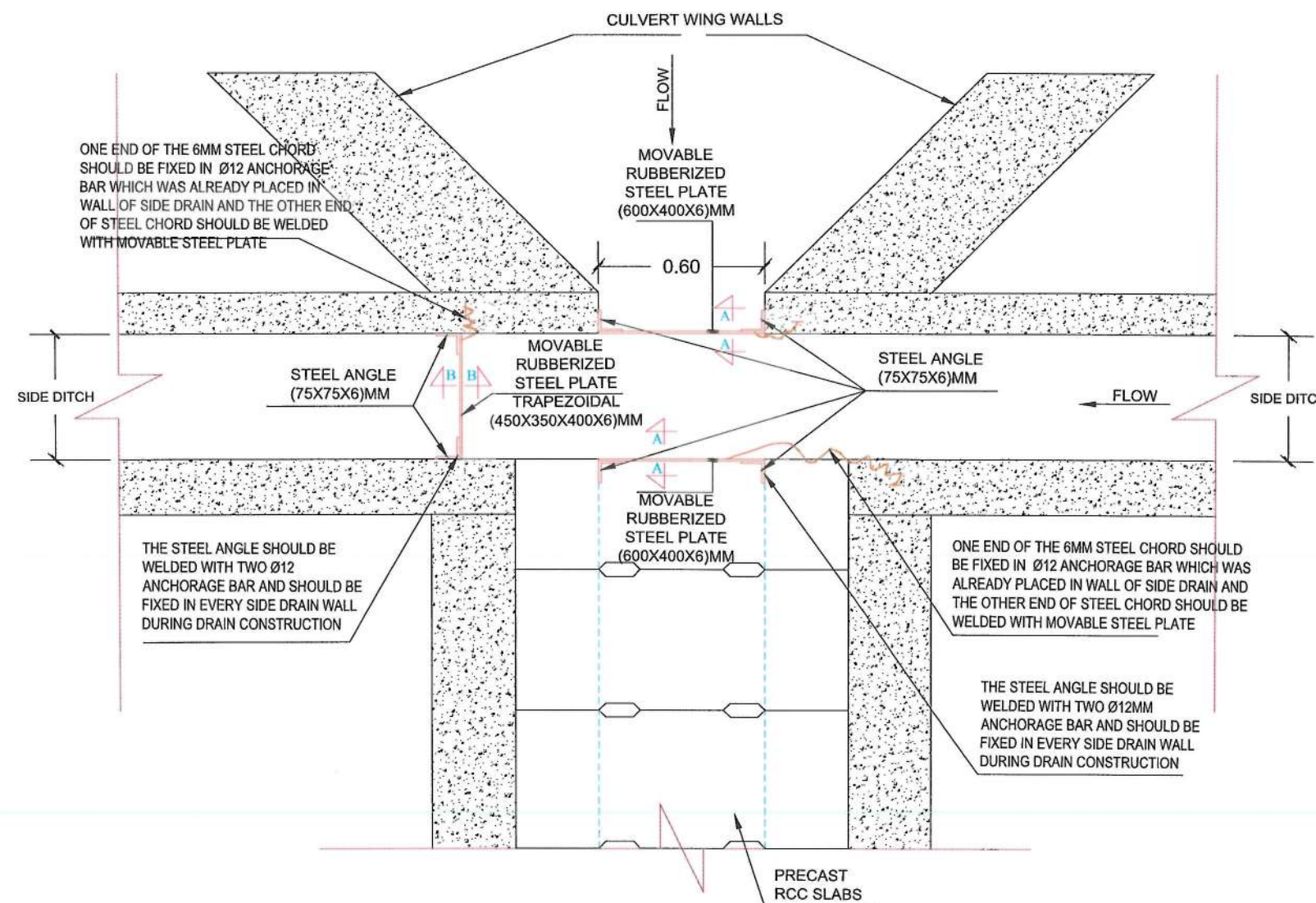
Drawn By: Signature:
Designed By: Signature:
Checked By: Signature:

Date: 27/02/2024 Scale:

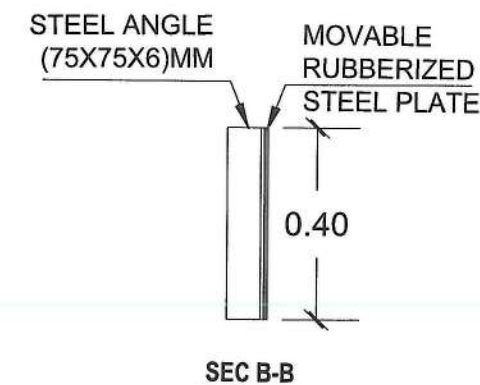
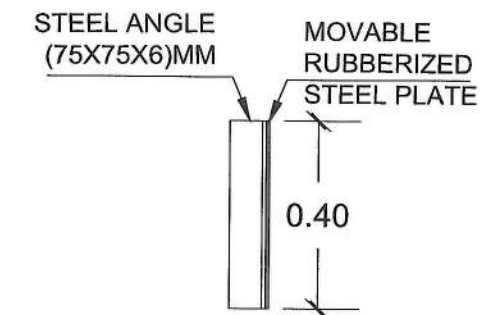
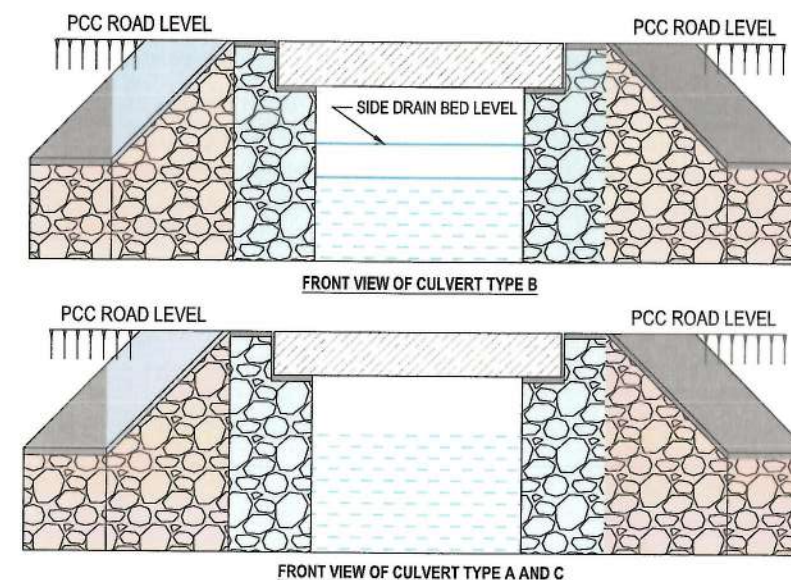
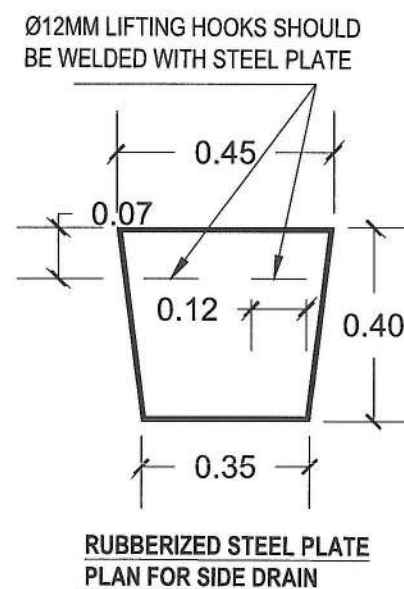
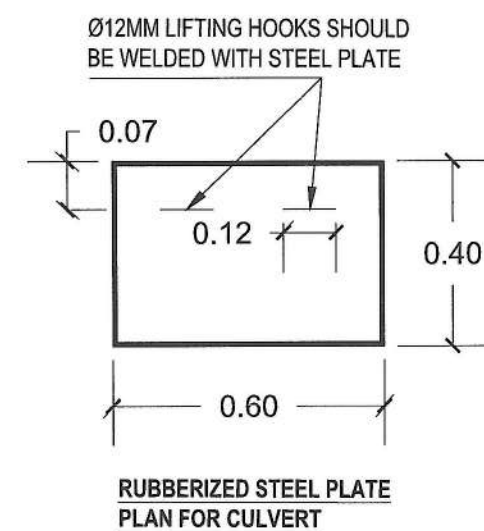
Status: FINAL DESIGN

Project Code

SHEET	PAGE NO	REVISION
CUL-03 OF 06	84 OF 115	01



WATER DIVIDER PLAN FOR INLET AND OUTLET OF (0.6X0.6)m CULVERTS



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



Rev.	Date	Revision Details	Drawn	Chkd.	Appd.

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
Water divider plan and details for Culverts (0.6x0.6)m

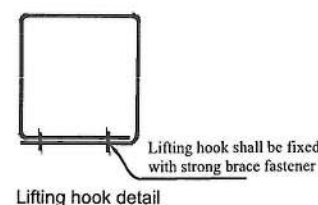
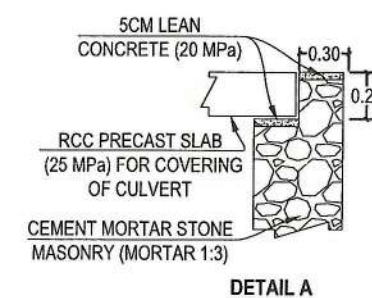
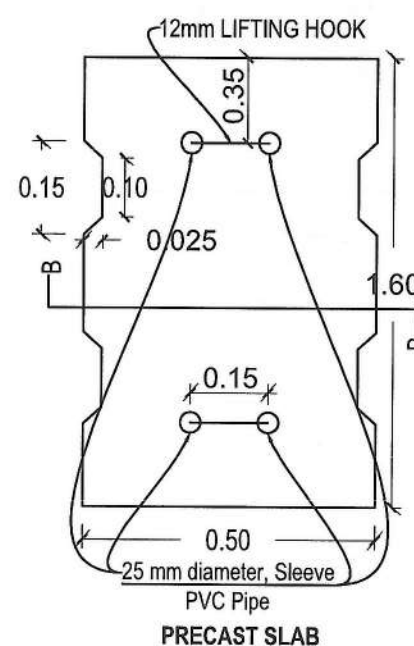
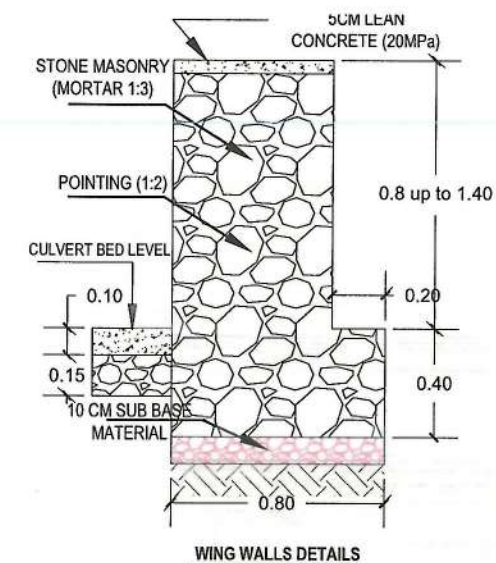
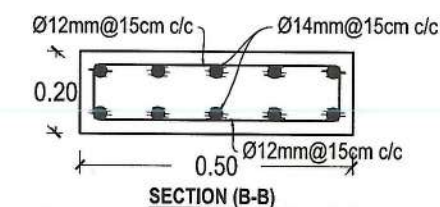
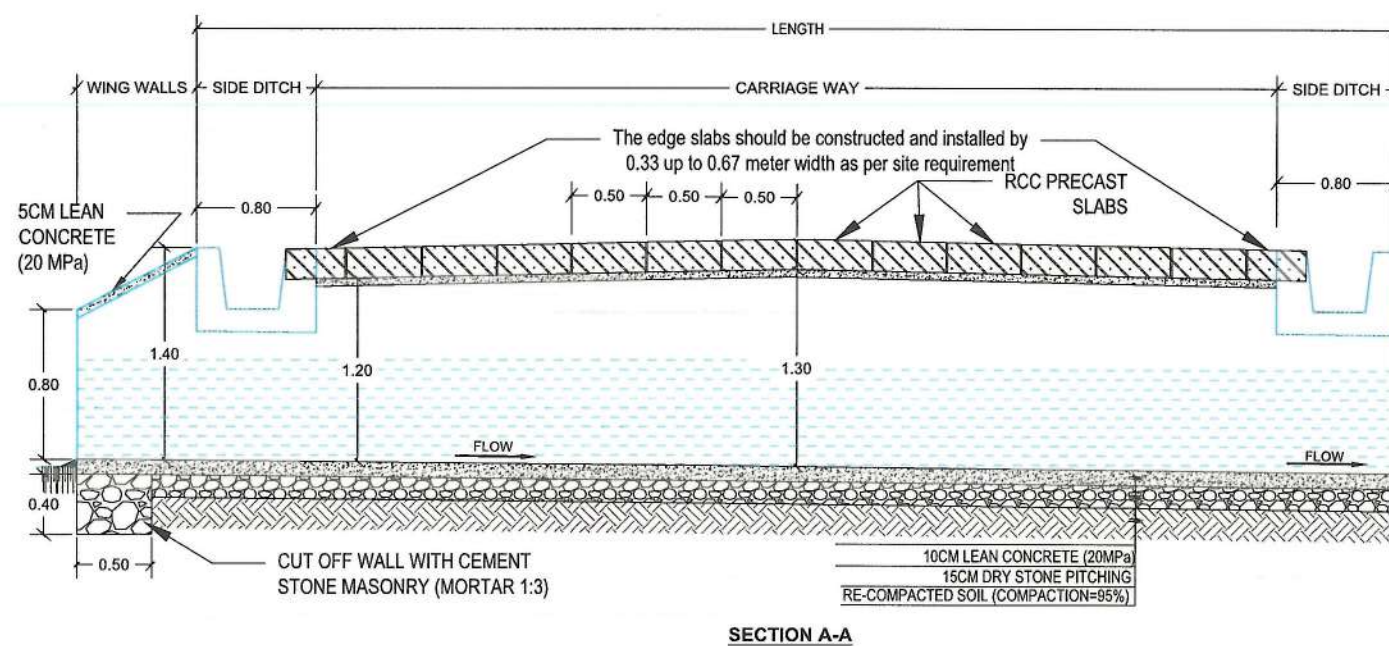
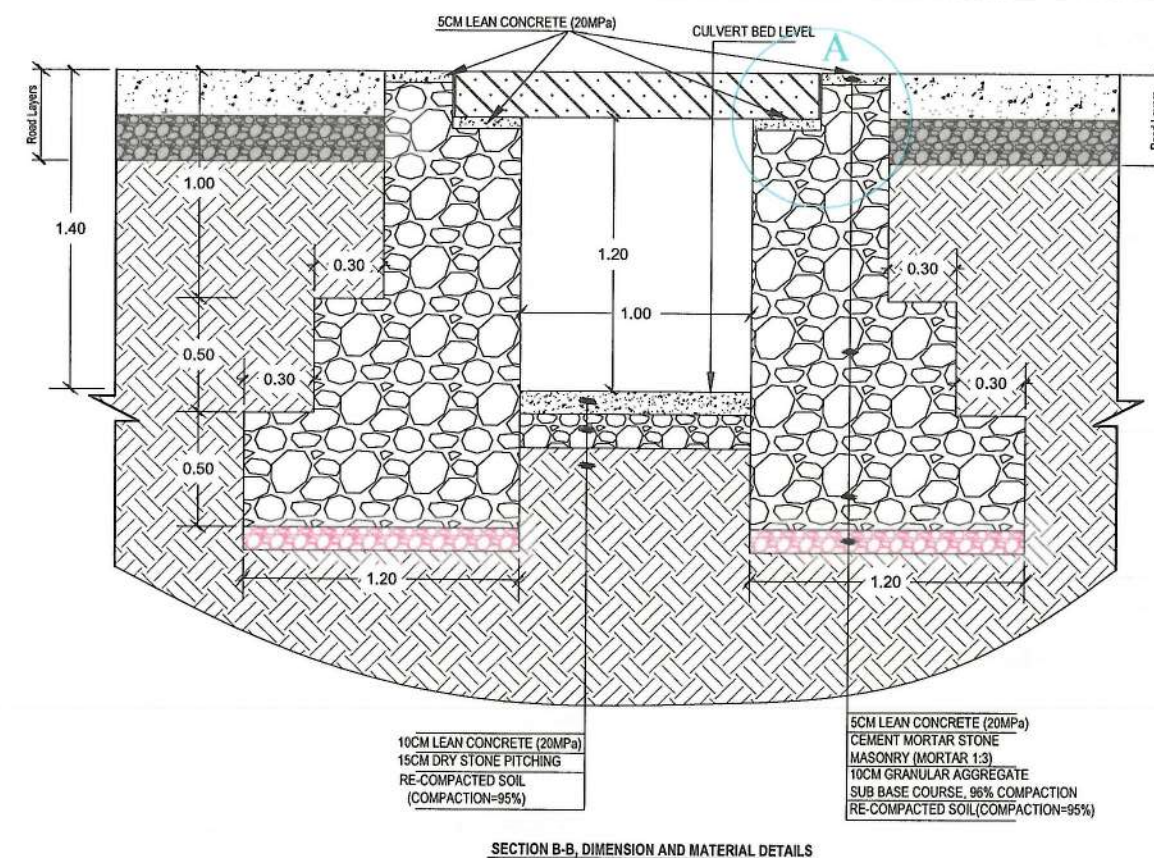
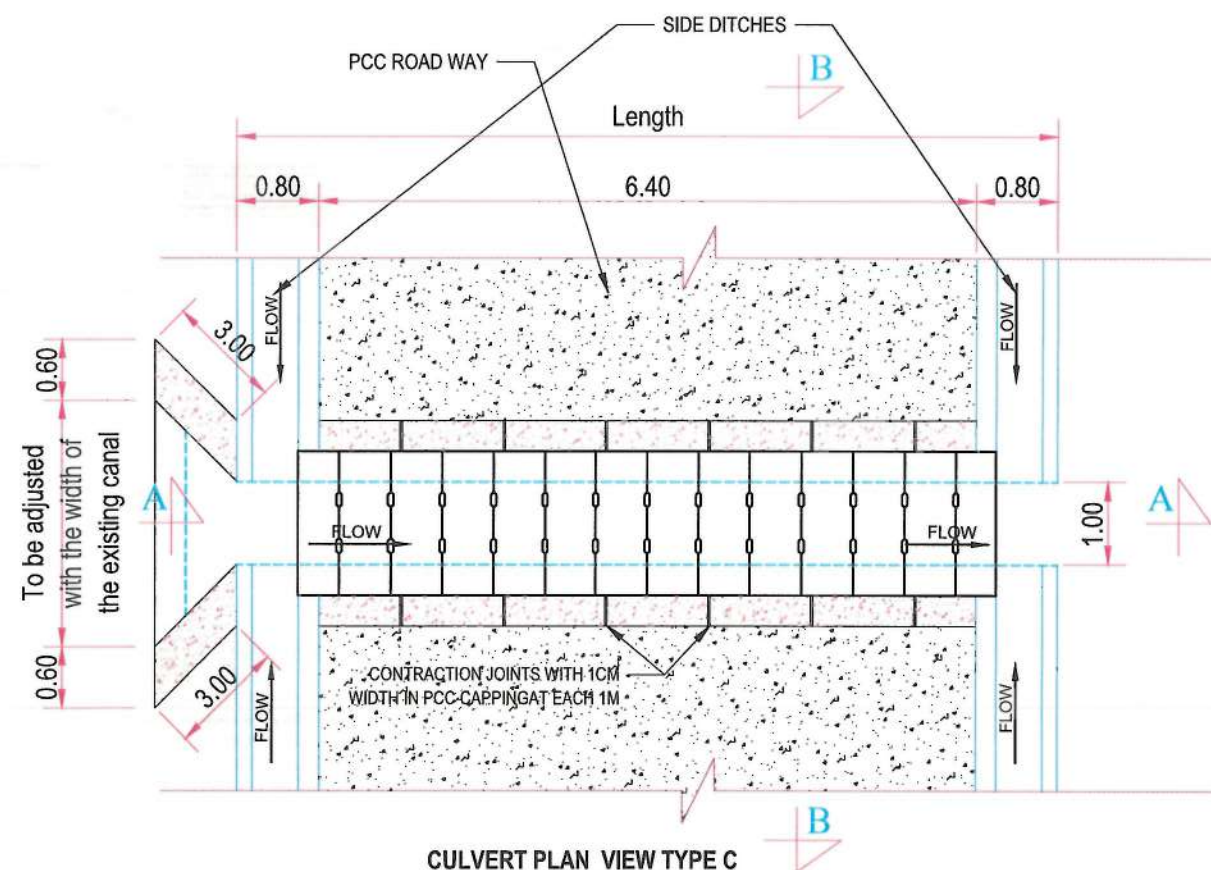
Drawn By: Menhaji Rahman
Designed By: Obaidullah Raziqi
Checked By: Hasibullah Shalizi

Date: 27/02/2024
Scale:

Status: FINAL DESIGN

Project Code:

SHEET	PAGE NO	REVISION
CUL-05 OF 06	86 OF 115	01



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



Rev.	Date	Revision Details	Drawn	Chkd.	Appd.

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge to near of the Bene Hesar

Drawing Title:
Culvert (1.2x1.0) details, flow direction is from left to right

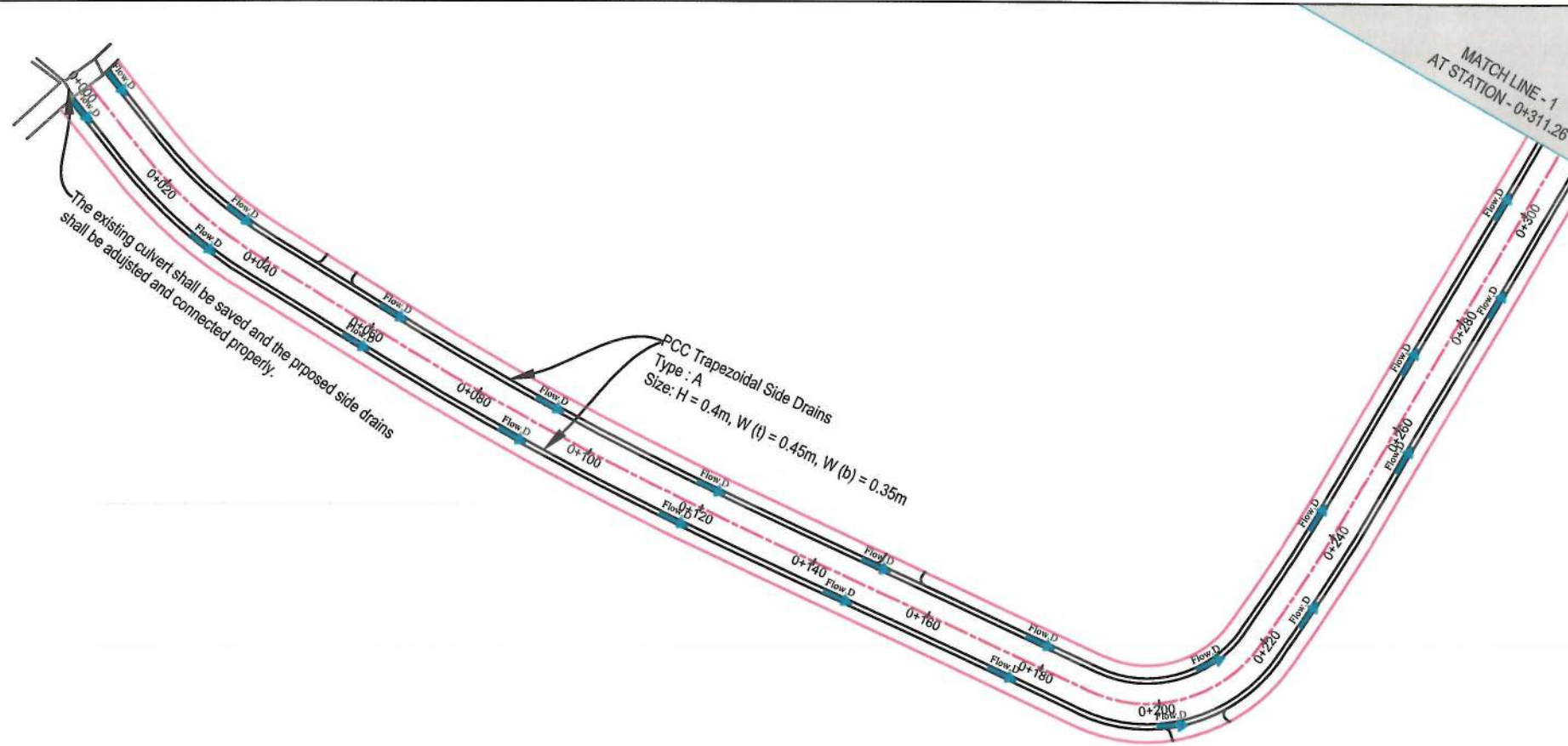
Drawn By: Menhajia Rahman
Designed By: Obaidullah Raziqi
Checked By: Hasibullah Shalizi

Date: 27/02/2024 Scale:

Status: FINAL DESIGN

Project Code

SHEET	PAGE NO	REVISION
CUL-06 OF 06	87 OF 115	01

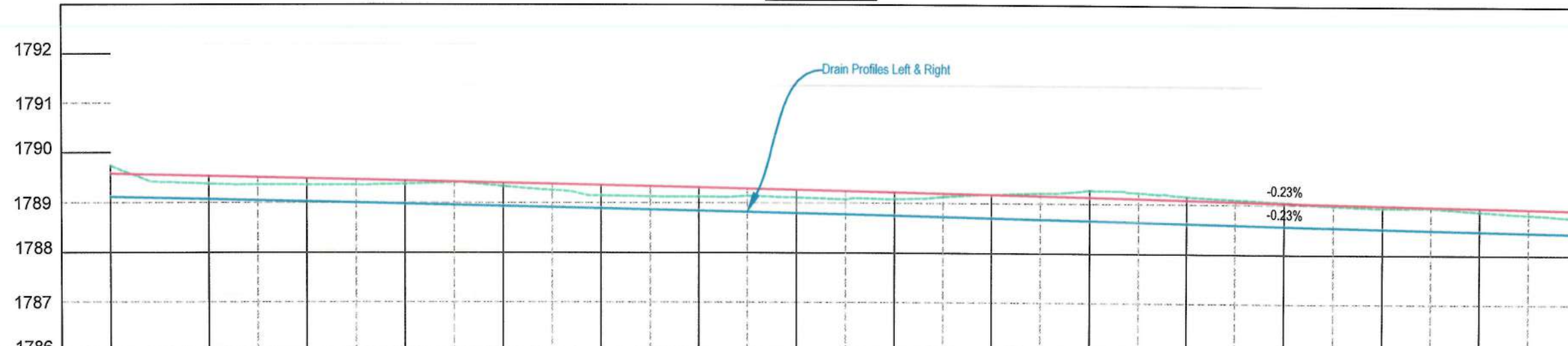


NOTE:
1. All dimensions are in meters unless otherwise indicated.

- LEGEND
- 1. PROPOSED CENTER LINE
 - 2. PROPOSED DRAIN
 - 3. PROPOSED CULVERT
 - 4. WATER FLOW DIRECTION

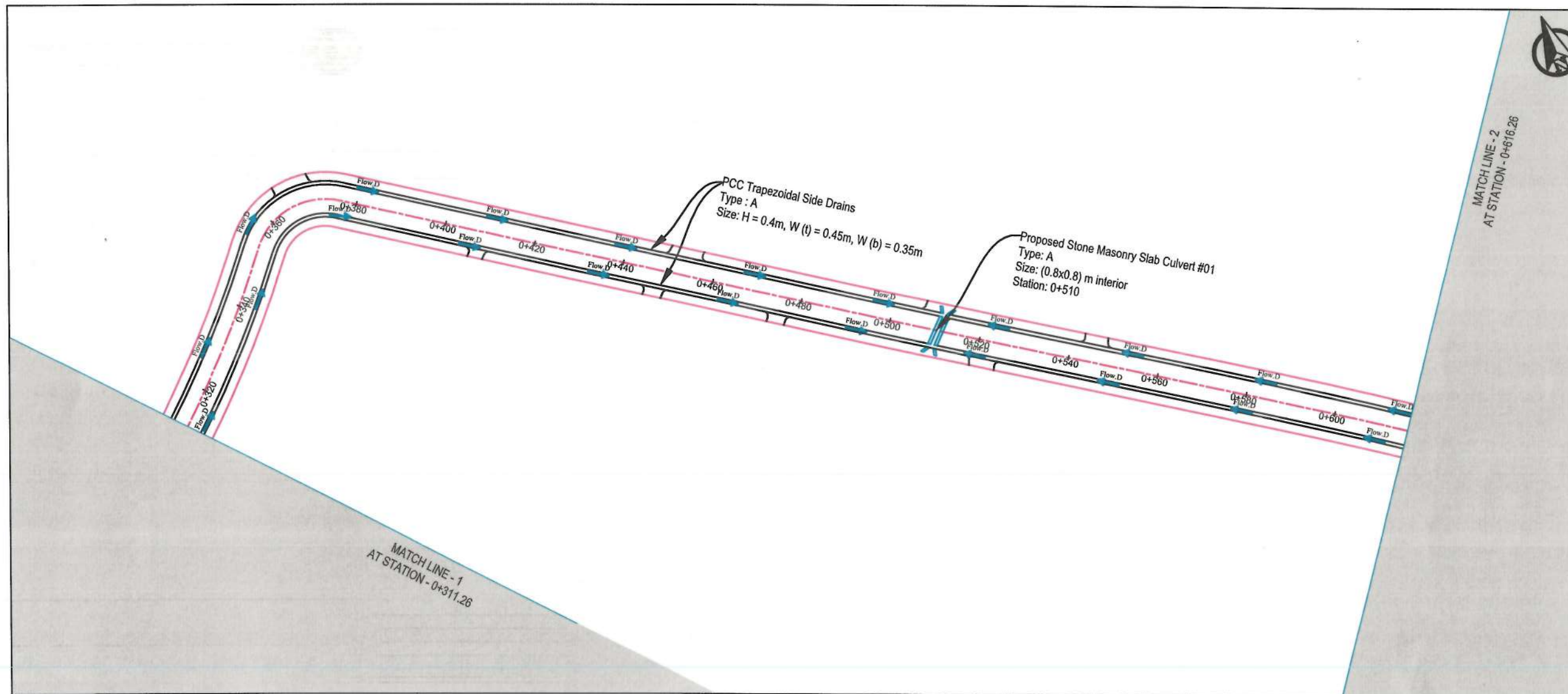


PROFILES



STATION	0+000	0+020	0+040	0+060	0+080	0+100	0+120	0+140	0+160	0+180	0+200	0+220	0+240	0+260	0+280	0+300
EXISTING ELEVATION	1789.123	1789.123	1789.123	1789.123	1789.123	1789.123	1789.123	1789.123	1789.123	1789.123	1789.123	1789.123	1789.123	1789.123	1789.123	1789.123
FINISHED ELEVATION	1789.687	1789.541	1789.486	1789.450	1789.405	1789.350	1789.314	1789.269	1789.223	1789.178	1789.132	1789.087	1789.041	1788.996	1788.950	1788.905
RIGHT SIDE DRAIN BED ELEV	1789.123	1789.077	1789.032	1788.986	1788.941	1788.896	1788.850	1788.805	1788.759	1788.714	1788.668	1788.623	1788.577	1788.532	1788.486	1788.441
LEFT SIDE DRAIN BED ELEV	1789.123	1789.077	1789.032	1788.986	1788.941	1788.896	1788.850	1788.805	1788.759	1788.714	1788.668	1788.623	1788.577	1788.532	1788.486	1788.441

Date	Revision Details	Drawn	Chkd	Appr
ISLAMIC EMIRATE OF AFGHANISTAN				
Designed By:				
KABUL MUNICIPALITY DESIGN TEAM				
Project Name: Construction of Road From Bagrami Bridge to Near of the Bene Hesar				
Drawing Title: DRAINAGE PLAN & PROFILE				
Drawn:	Obaidullah Razaqi	Signature:		
Designed:	Obaidullah Razaqi	Signature:		
Checked:	Hasbullah Shalizi	Signature:		
Date:	10/08/1445	Scale:	1:1000	
Status:	FINAL DESIGN			
Project Code:				
SHEET	PAGE NO	REVISION		
DP&P-01 OF 25	88 OF 115	01		



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

- LEGEND
1. PROPOSED CENTER LINE
 2. PROPOSED DRAIN
 3. PROPOSED CULVERT
 4. WATER FLOW DIRECTION



Date	Revision	Details	Drawn	Chkd	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of Road From Bagرامي Bridge to Near of the Bene Hesar

Drawing Title:
DRAINAGE PLAN & PROFILE

Drawn: Obaidullah Razaqi
Designed: Obaidullah Razaqi
Checked: Habibullah Shalizi

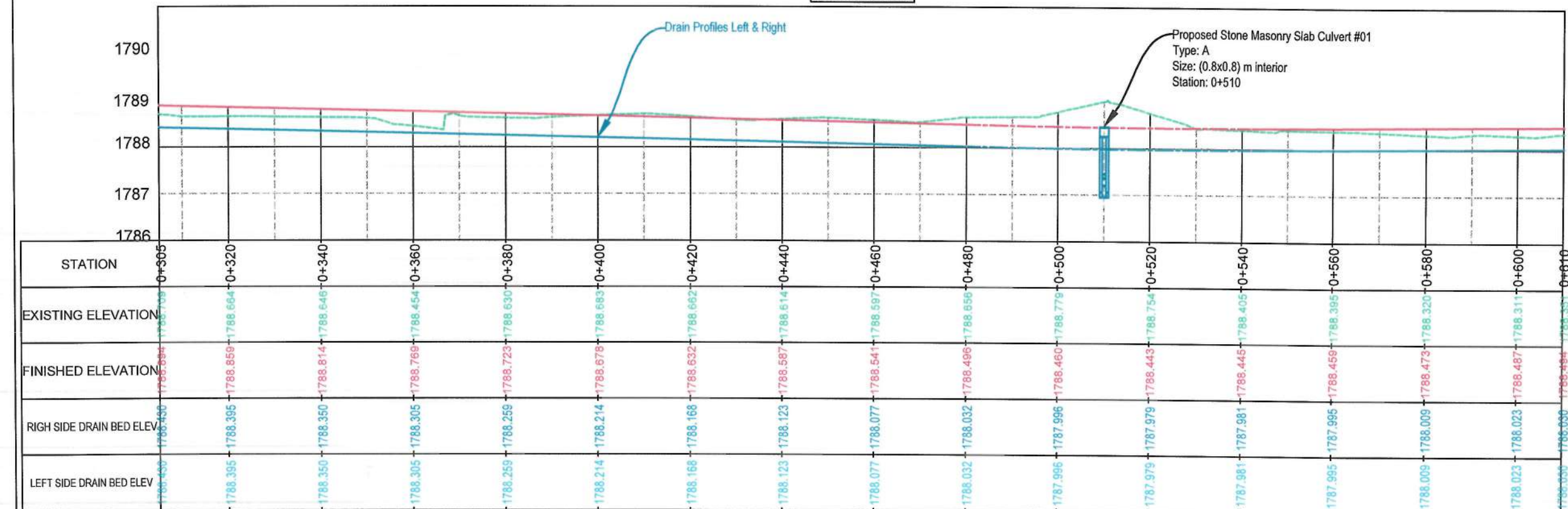
Date: 10/08/1445 Scale: 1:1000

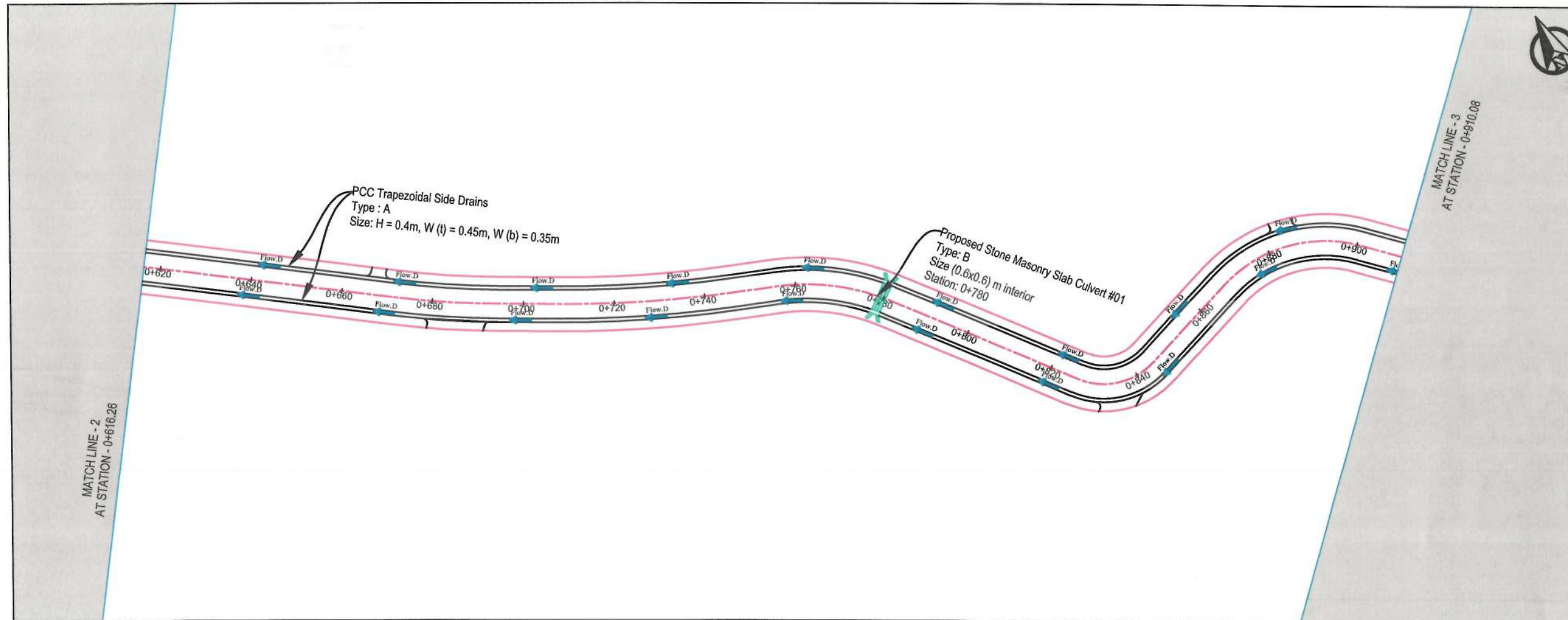
Status: FINAL DESIGN

Project Code

SHEET	PAGE NO	REVISION
DP&P-02 OF 25	89 OF 115	01

PROFILES





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

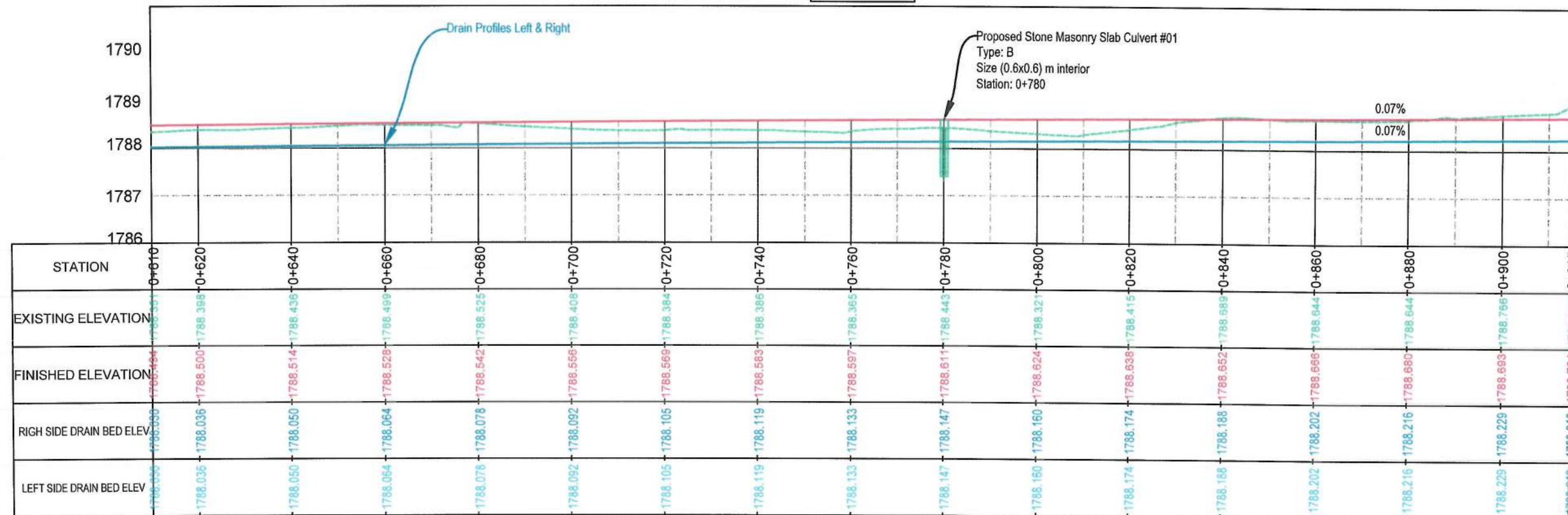
LEGEND

- 1. PROPOSED CENTER LINE
- 2. PROPOSED DRAIN
- 3. PROPOSED CULVERT
- 4. WATER FLOW DIRECTION

Flow.D

ISLAMIC EMIRATE OF AFGHANISTAN
KABUL MUNICIPALITY
1399
دبیری زیر بنا و دیاست

PROFILES



ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:

KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Construction of Road From Bagrami
Bridge to Near of the Bene Hesar

Drawing Title:
DRAINAGE PLAN & PROFILE

Drawn:
Obaidullah Razeqi

Designed:
Obaidullah Razeqi

Checked:
Habibullah Shalizi

Date:
10/08/1445

Scale:
1:1000

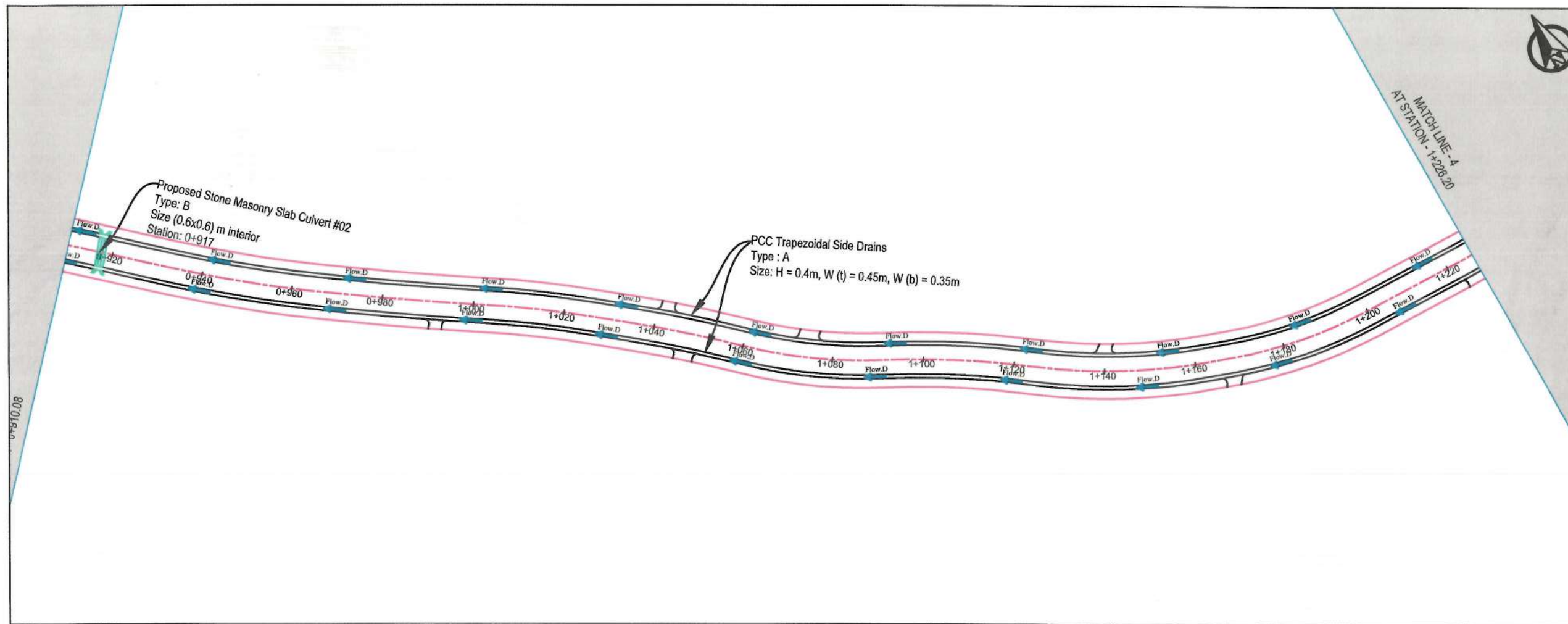
Status:
FINAL
DESIGN

Project Code

SHEET
DP&P-03 OF 25

PAGE NO
90 OF 115

REVISION
01

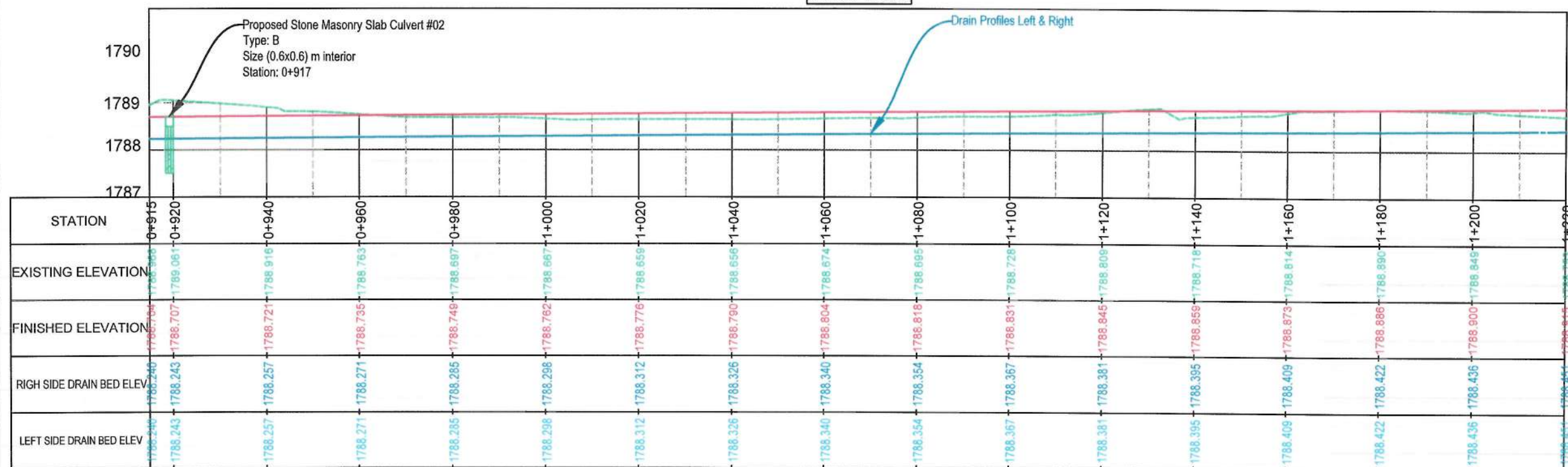


NOTE:
1. All dimensions are in meters unless otherwise indicated.

- LEGEND
- 1. PROPOSED CENTER LINE
 - 2. PROPOSED DRAIN
 - 3. PROPOSED CULVERT
 - 4. WATER FLOW DIRECTION



PROFILES



Date	Revision	Details	Drawn	Chkd	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of Road From Bagرامي Bridge to Near of the Bene Hesar

Drawing Title:
DRAINAGE PLAN & PROFILE

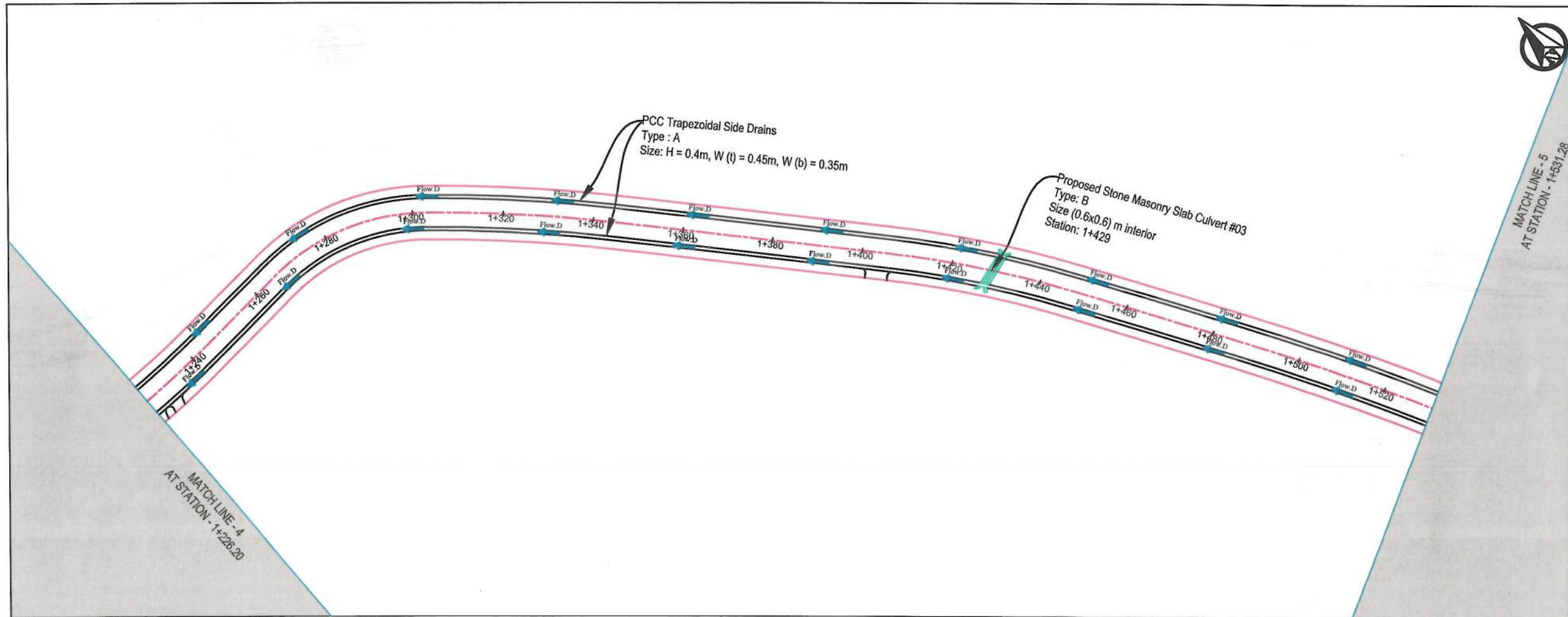
Drawn:	Signature:
Obaidullah Razeqi	
Designed:	Signature:
Obaidullah Razeqi	
Checked:	Signature:
Hashbullah Shalizi	

Date: 10/08/1445 Scale: 1:1000

Status: FINAL DESIGN

Project Code

SHEET	PAGE NO	REVISION
DP&P-04 OF 25	91 OF 115	01

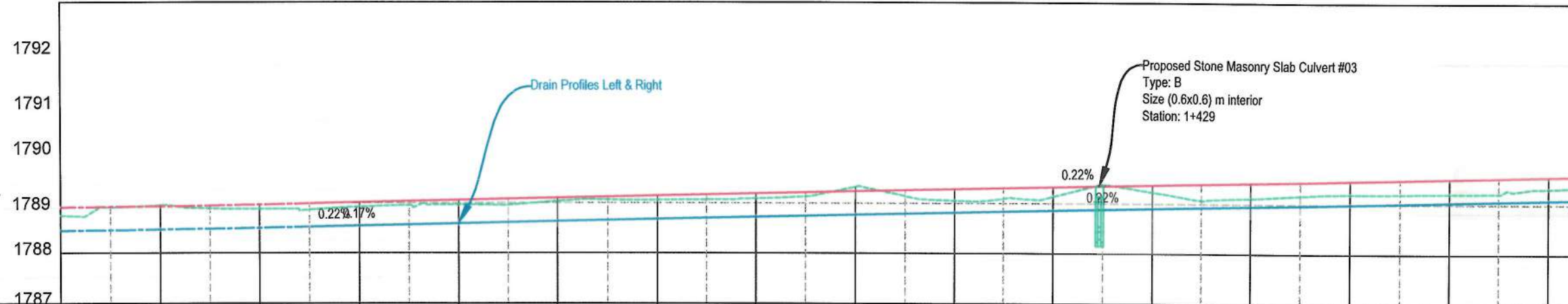


NOTE:
1. All dimensions are in meters unless otherwise indicated.

- LEGEND
1. PROPOSED CENTER LINE
 2. PROPOSED DRAIN
 3. PROPOSED CULVERT
 4. WATER FLOW DIRECTION



PROFILES



STATION	1+220	1+240	1+260	1+280	1+300	1+320	1+340	1+360	1+380	1+400	1+420	1+440	1+460	1+480	1+500	1+520
EXISTING ELEVATION	1788.733	1788.965	1788.891	1788.930	1788.977	1789.041	1789.066	1789.102	1789.335	1789.058	1789.145	1789.236	1789.126	1789.207	1789.219	1789.327
FINISHED ELEVATION	1788.733	1788.939	1788.974	1788.930	1788.930	1788.930	1788.930	1788.930	1788.930	1788.930	1788.930	1788.930	1788.930	1788.930	1788.930	1788.930
RIGHT SIDE DRAIN BED ELEV	1788.451	1788.475	1788.510	1788.554	1788.599	1788.644	1788.689	1788.734	1788.778	1788.823	1788.868	1788.913	1788.958	1789.003	1789.048	1789.093
LEFT SIDE DRAIN BED ELEV	1788.451	1788.475	1788.510	1788.554	1788.599	1788.644	1788.689	1788.734	1788.778	1788.823	1788.868	1788.913	1788.958	1789.003	1789.048	1789.093

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of Road From Bagrami Bridge to Near of the Bene Hesar

Drawing Title:
DRAINAGE PLAN & PROFILE

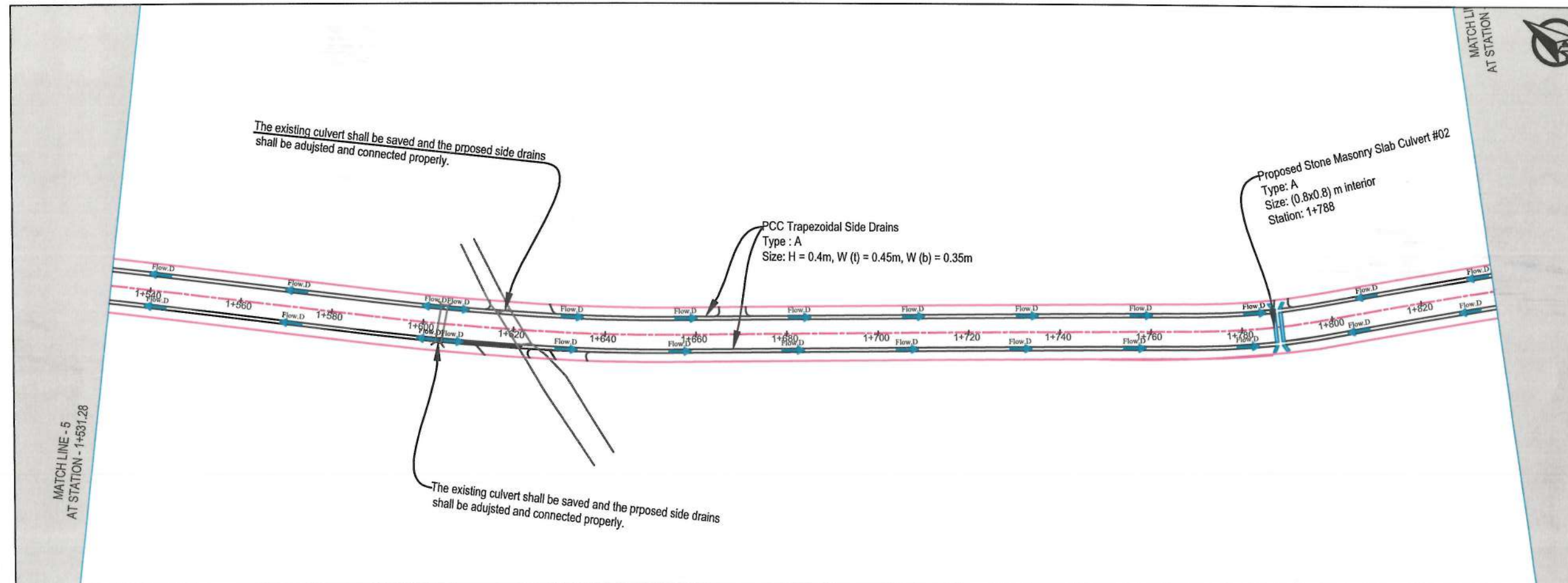
Drawn: Obaidullah Razaqi
Designed: Obaidullah Razaqi
Checked: Habibullah Shalizi

Date: 10/08/1445 Scale: 1:1000

Status: FINAL DESIGN

Project Code

SHEET DP&P-05 OF 25 PAGE NO 92 OF 115 REVISION 01

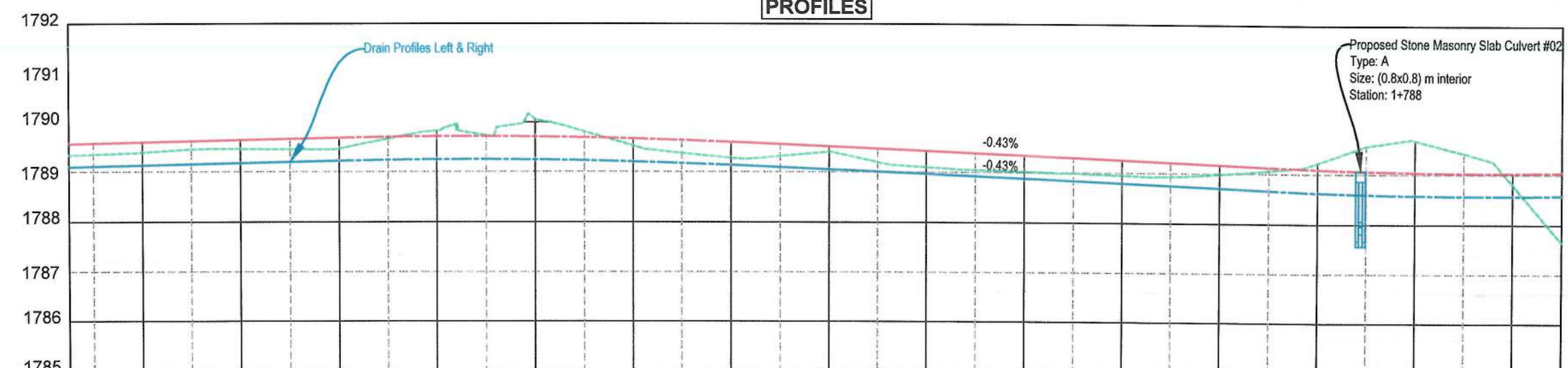


NOTE:
1. All dimensions are in meters unless otherwise indicated.

- LEGEND
- 1. PROPOSED CENTER LINE
 - 2. PROPOSED DRAIN
 - 3. PROPOSED CULVERT
 - 4. WATER FLOW DIRECTION

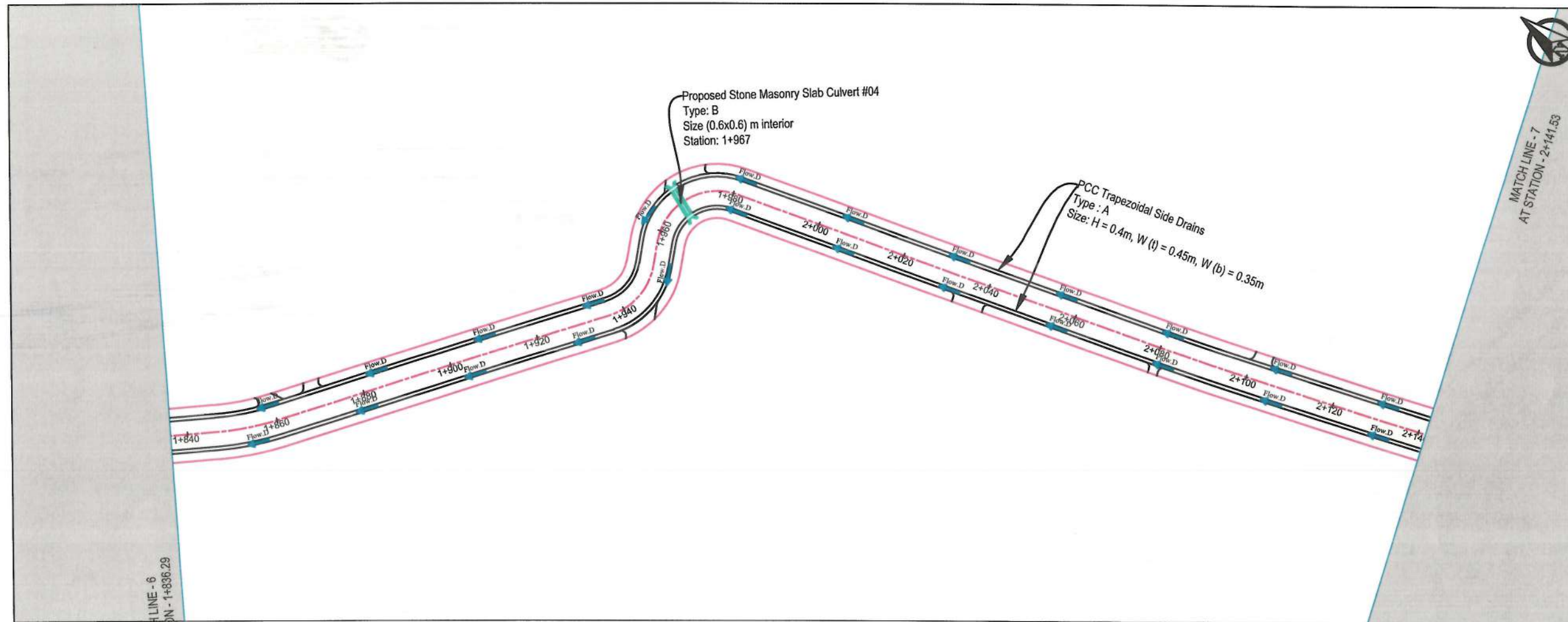


PROFILES



STATION	1+525	1+540	1+560	1+580	1+600	1+620	1+640	1+660	1+680	1+700	1+720	1+740	1+760	1+780	1+800	1+820	1+830
EXISTING ELEVATION	1789.541	1789.398	1789.473	1789.478	1789.834	1790.070	1789.536	1789.290	1789.415	1789.107	1788.019	1788.958	1788.989	1789.227	1789.667	1788.768	1788.547
FINISHED ELEVATION	1789.569	1789.602	1789.647	1789.692	1789.720	1789.716	1789.679	1789.608	1789.521	1789.434	1788.348	1788.261	1788.174	1788.062	1788.043	1788.033	1788.579
RIGHT SIDE DRAIN BED ELEV.	1789.164	1789.138	1789.183	1789.228	1789.256	1789.252	1789.215	1789.144	1789.057	1788.970	1788.884	1788.797	1788.710	1788.628	1788.579	1788.569	1788.579
LEFT SIDE DRAIN BED ELEV.	1789.164	1789.136	1789.183	1789.228	1789.256	1789.252	1789.215	1789.144	1789.057	1788.970	1788.884	1788.797	1788.710	1788.628	1788.579	1788.569	1788.579

Date	Revision Details	Drawn	Chkd	Appr
ISLAMIC EMIRATE OF AFGHANISTAN				
Designed By:				
KABUL MUNICIPALITY DESIGN TEAM				
Project Name:				
Construction of Road From Bagrani Bridge to Near of the Bene Hesar				
Drawing Title:				
DRAINAGE PLAN & PROFILE				
Drawn:	Obaidullah Razeqi	Signature:		
Designed:	Obaidullah Razeqi	Signature:		
Checked:	Hasibullah Shalizi	Signature:		
Date:	10/08/1445	Scale:	1:1000	
Status:	FINAL DESIGN			
Project Code				
SHEET	PAGE NO	REVISION		
DP&P-06 OF 25	93 OF 115	01		

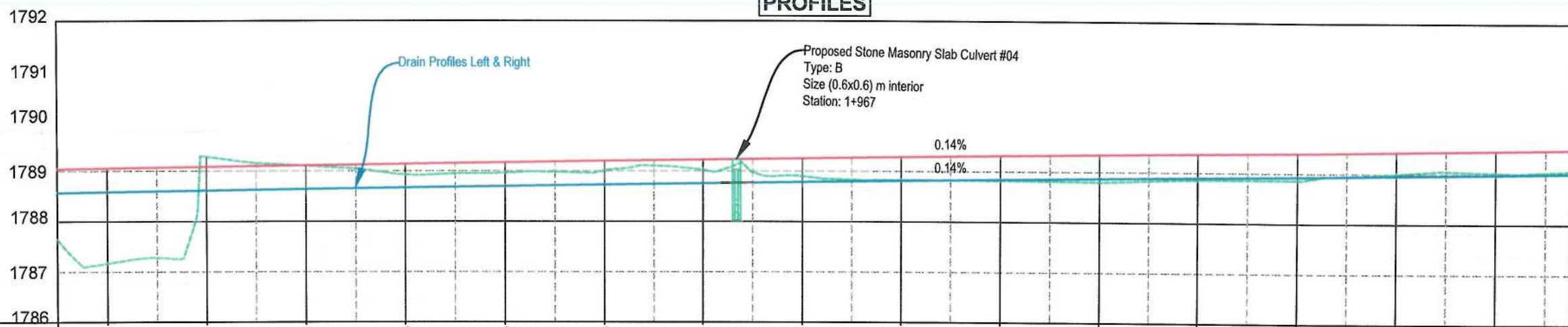


NOTE:
1. All dimensions are in meters unless otherwise indicated.

- LEGEND
1. PROPOSED CENTER LINE
 2. PROPOSED DRAIN
 3. PROPOSED CULVERT
 4. WATER FLOW DIRECTION

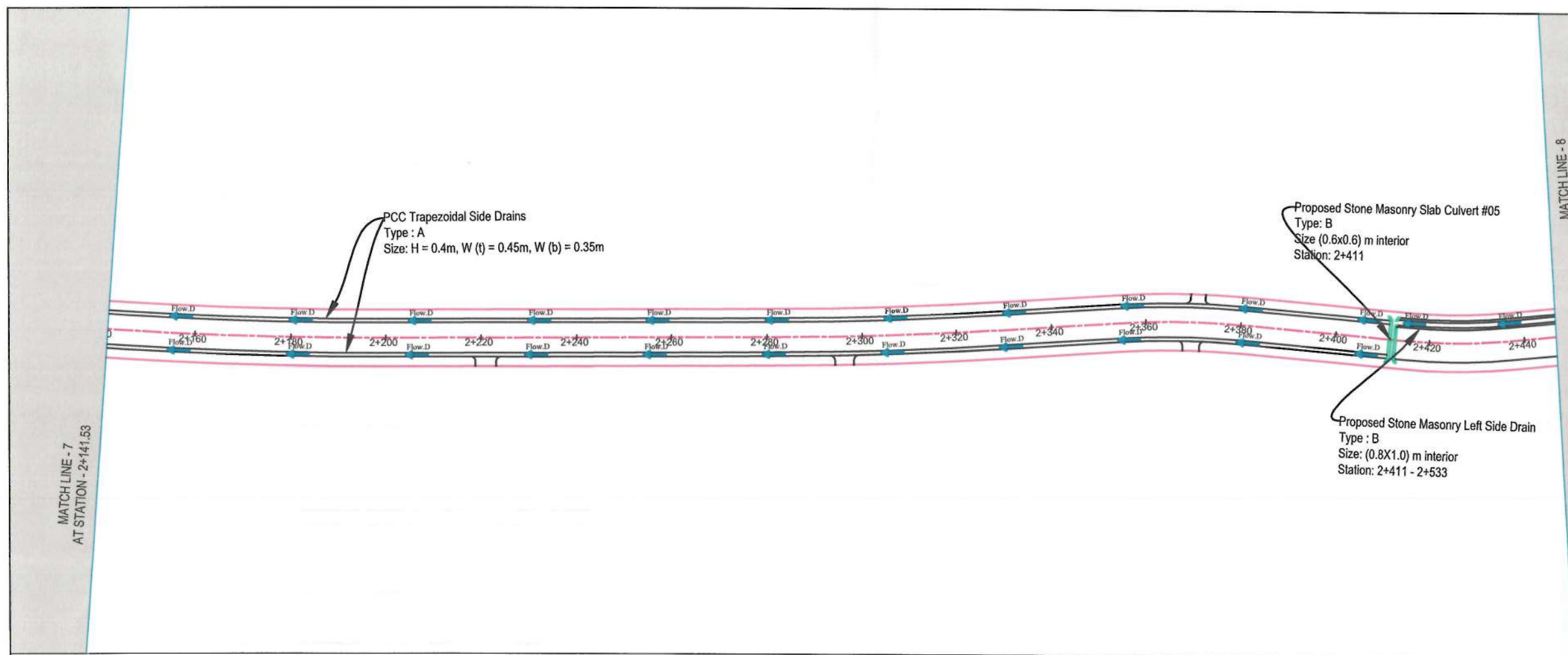


PROFILES



STATION	1+840	1+860	1+880	1+900	1+920	1+940	1+960	1+980	2+000	2+020	2+040	2+060	2+080	2+100	2+120	2+140
EXISTING ELEVATION	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593
FINISHED ELEVATION	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593
RIGHT SIDE DRAIN BED ELEV	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593
LEFT SIDE DRAIN BED ELEV	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593	1788.593

Date	Revision	Details	Drawn	Chkd.	Appr.
ISLAMIC EMIRATE OF AFGHANISTAN					
Designed By:					
KABUL MUNICIPALITY DESIGN TEAM					
Project Name:					
Construction of Road From Bagrami Bridge to Near of the Bene Hesar					
Drawing Title:					
DRAINAGE PLAN & PROFILE					
Drawn:	Obaidullah Razaqi	Signature:			
Designed:	Obaidullah Razaqi	Signature:			
Checked:	Habibullah Shalizi	Signature:			
Date:	10/08/1445	Scale:	1:1000		
Status:	FINAL DESIGN				
Project Code:					
SHEET	PAGE NO	REVISION			
DP&P-07 OF 25	94 OF 115	01			

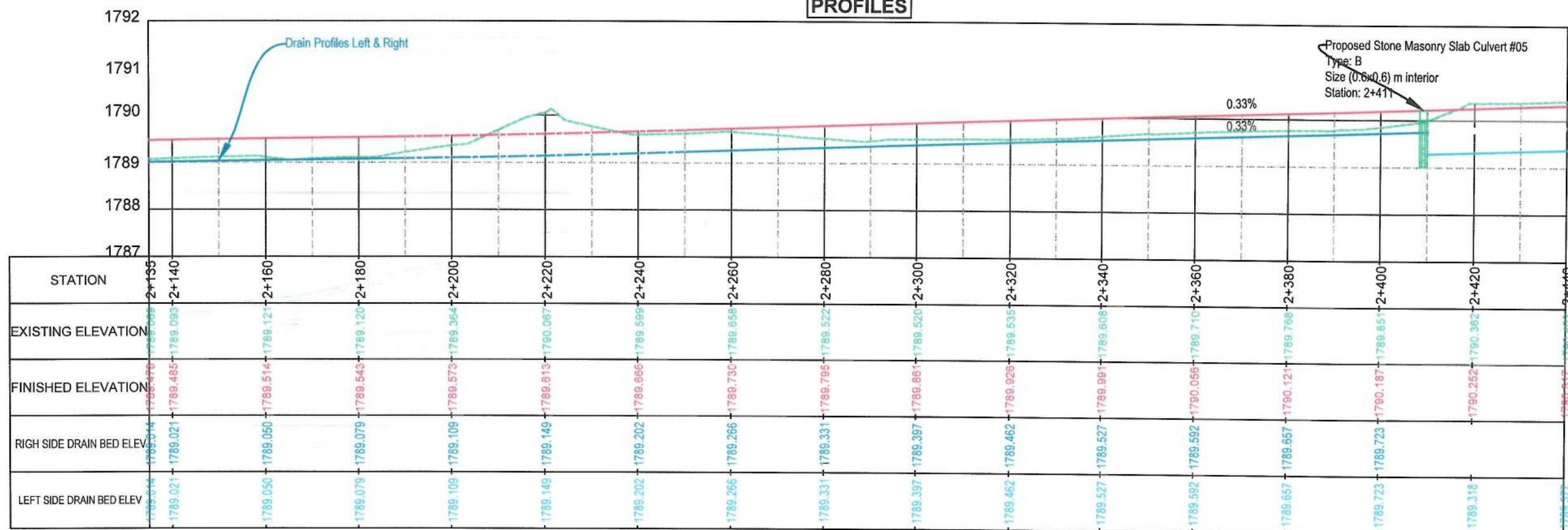


NOTE:
1. All dimensions are in meters unless otherwise indicated.

- LEGEND
1. PROPOSED CENTER LINE
 2. PROPOSED DRAIN
 3. PROPOSED CULVERT
 4. WATER FLOW DIRECTION



PROFILES



Date	Revision	Details	Drawn	Chkd	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:
KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Construction of Road From Bagrami
Bridge to Near of the Bene Hesar

Drawing Title:
DRAINAGE PLAN & PROFILE

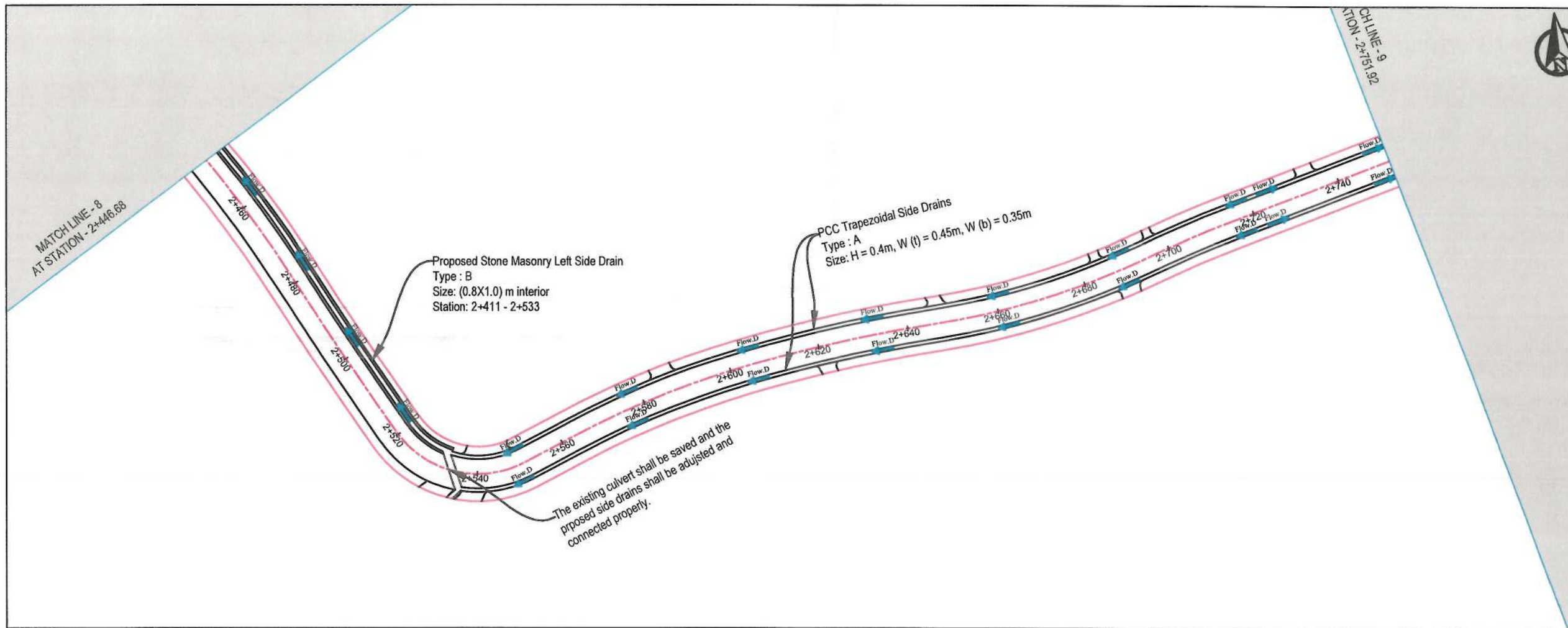
Drawn: Obaidullah Razaqi
Designed: Obaidullah Razaqi
Checked: Hashbullah Shalizi

Date: 10/08/1445 Scale: 1:1000

Status: FINAL DESIGN

Project Code

SHEET DP&P-08 OF 25	PAGE NO 95 OF 115	REVISION 01
------------------------	----------------------	----------------

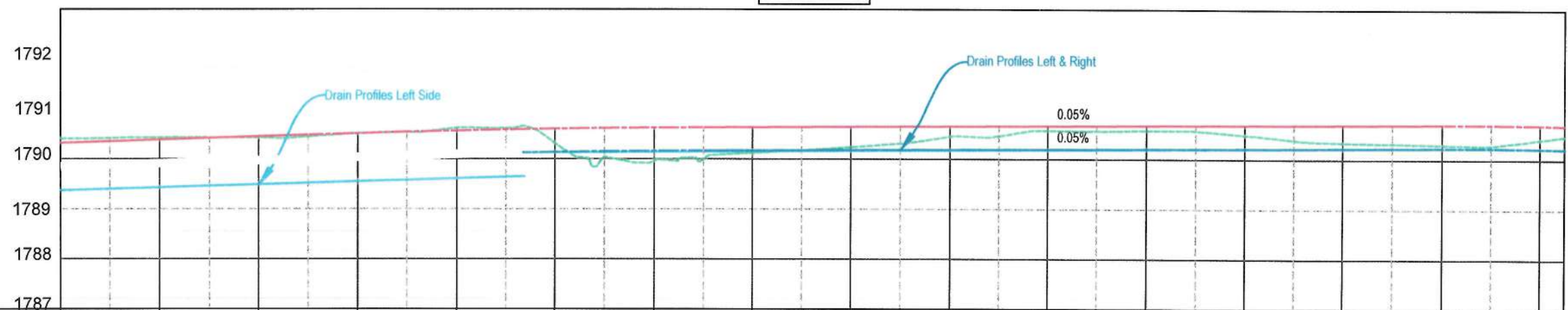


NOTE:
1. All dimensions are in meters unless otherwise indicated.

- LEGEND
- 1. PROPOSED CENTER LINE
 - 2. PROPOSED DRAIN
 - 3. PROPOSED CULVERT
 - 4. WATER FLOW DIRECTION

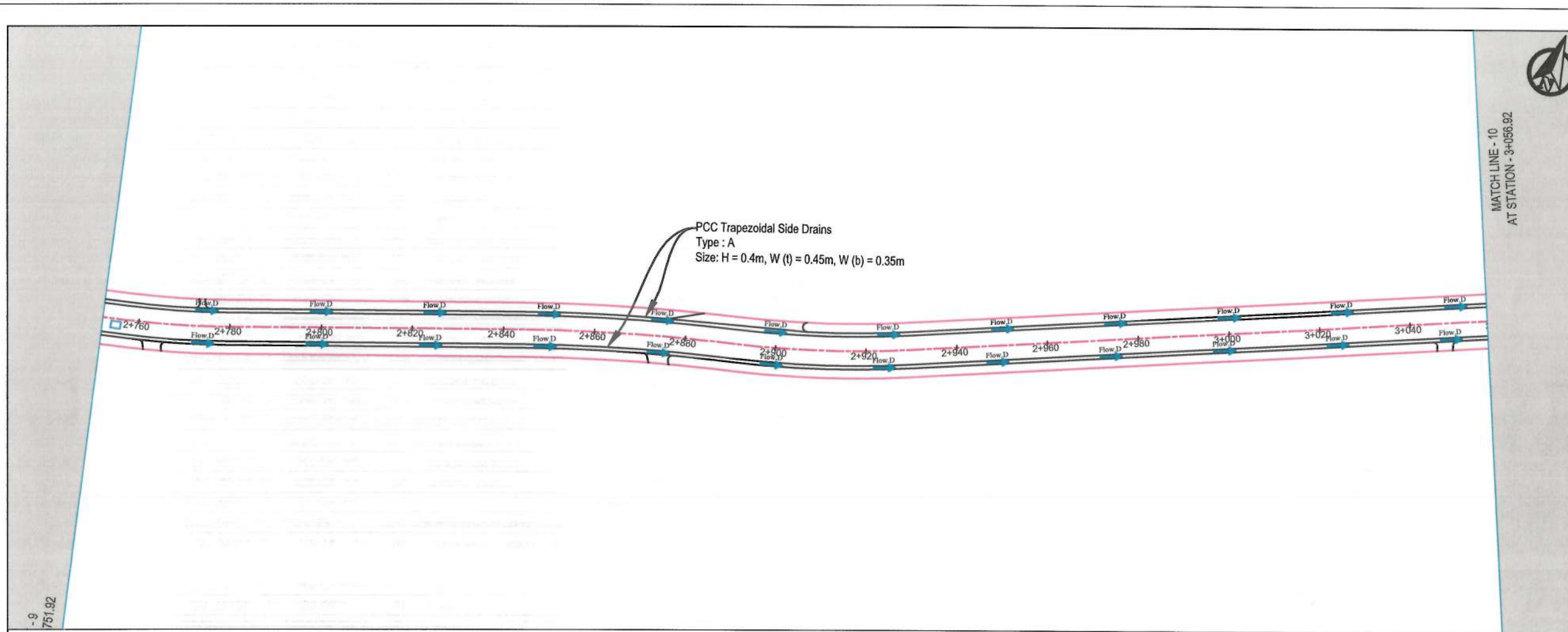


PROFILES



STATION	2+440	2+460	2+480	2+500	2+520	2+540	2+560	2+580	2+600	2+620	2+640	2+660	2+680	2+700	2+720	2+740	2+745
EXISTING ELEVATION	1789.371	1790.426	1790.420	1790.508	1790.614	1790.310	1789.967	1790.121	1790.237	1790.445	1790.569	1790.573	1790.486	1790.343	1790.289	1790.404	1790.462
FINISHED ELEVATION	1789.371	1790.382	1790.447	1790.511	1790.562	1790.599	1790.623	1790.634	1790.643	1790.653	1790.662	1790.672	1790.681	1790.691	1790.700	1790.689	1790.680
RIGHT SIDE DRAIN BED ELEV						1790.135	1790.159	1790.170	1790.176	1790.183	1790.198	1790.208	1790.217	1790.227	1790.236	1790.225	1790.216
LEFT SIDE DRAIN BED ELEV	1789.371	1789.436	1789.495	1789.554	1789.613	1790.128	1790.140	1790.151	1790.163	1790.175	1790.186	1790.198	1790.209	1790.221	1790.233	1790.225	1790.216

Date	Revision Details	Drawn	Chkd.	Appr.
ISLAMIC EMIRATE OF AFGHANISTAN				
Designed By:				
KABUL MUNICIPALITY DESIGN TEAM				
Project Name:				
Construction of Road From Bagrami Bridge to Near of the Bene Hesar				
Drawing Title:				
DRAINAGE PLAN & PROFILE				
Drawn:	Obaidullah Razaqi	Signature:		
Designed:	Obaidullah Razaqi	Signature:		
Checked:	Habibullah Shalwa	Signature:		
Date:	10/08/1445	Scale:	1:1000	
Status:	FINAL DESIGN			
Project Code				
SHEET	PAGE NO	REVISION		
DP&P-09 OF 25	96 OF 115	01		

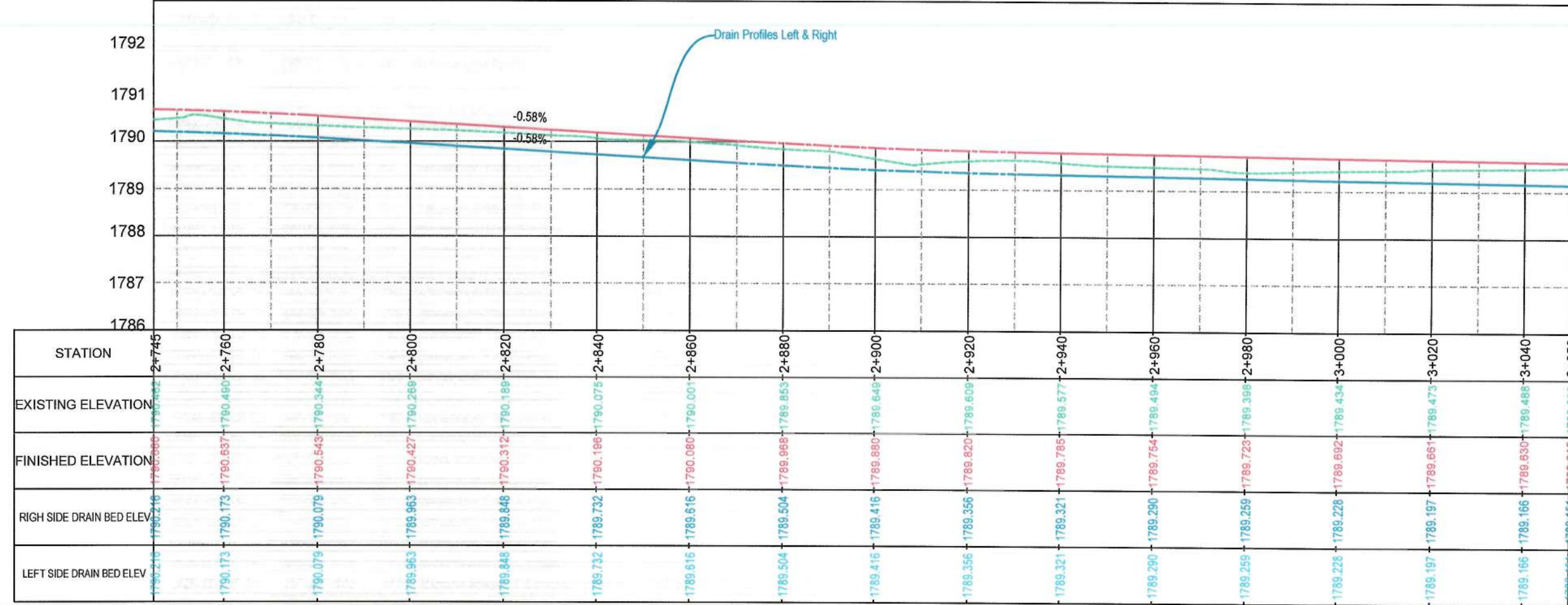


NOTE:
1. All dimensions are in meters unless otherwise indicated.

- LEGEND
1. PROPOSED CENTER LINE
 2. PROPOSED DRAIN
 3. PROPOSED CULVERT
 4. WATER FLOW DIRECTION



PROFILES



Date	Revision Details	Drawn	Chkd	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:

KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of Road From Bagرامي Bridge to Near of the Bene Hesar

Drawing Title:
DRAINAGE PLAN & PROFILE

Drawn: Obaidullah Razeqi
Designed: Obaidullah Razeqi
Checked: Hashbullah Shalizi

Signature: [Signature]

Date: 10/08/1445
Scale: 1:1000

Status: FINAL DESIGN

Project Code:

SHEET	PAGE NO	REVISION
DP&P-10 OF 25	97 OF 115	01

MATCH LINE - 10
AT STATION - 3+056.92

MATCH LINE - 11
AT STATION - 3+361.92



NOTE:

1. All dimensions are in meters unless otherwise indicated.

LEGEND

1. PROPOSED CENTER LINE
2. PROPOSED DRAIN
3. PROPOSED CULVERT
4. WATER FLOW DIRECTION



Date Revision Details Drawn Chkd. Appr

ISLAMIC EMIRATE OF
AFGHANISTAN

Designed By:

KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Construction of Road From Bagrami
Bridge to Near of the Bene Hesar

Drawing Title:

DRAINAGE PLAN & PROFILE

Drawn: Obaidullah Razeqi
Designed: Obaidullah Razeqi
Checked: Hasibullah Shalizi

Date: 10/08/1445 Scale: 1:1000

Status: FINAL
DESIGN

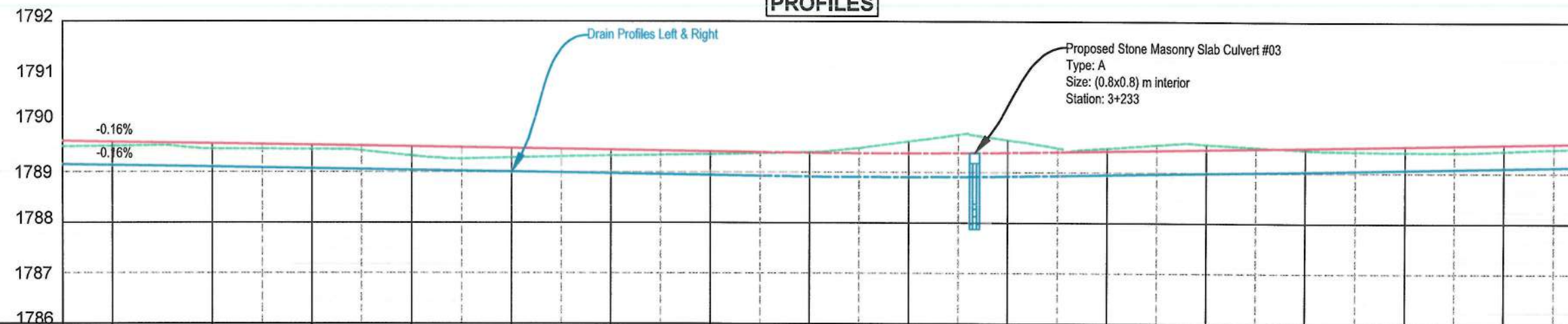
Project Code

SHEET DP&P-11 OF 25
PAGE NO 98 OF 115
REVISION 01

PCC Trapezoidal Side Drains
Type : A
Size: H = 0.4m, W (t) = 0.45m, W (b) = 0.35m

Proposed Stone Masonry Slab Culvert #03
Type: A
Size: (0.8x0.8) m interior
Station: 3+233

PROFILES



STATION	3+050	3+060	3+080	3+100	3+120	3+140	3+160	3+180	3+200	3+220	3+240	3+260	3+280	3+300	3+320	3+340	3+355
EXISTING ELEVATION	1789.509	1788.521	1789.463	1789.456	1789.326	1789.289	1789.328	1789.360	1789.404	1789.615	1789.643	1789.485	1789.564	1789.457	1789.422	1789.443	1789.505
FINISHED ELEVATION	1789.515	1789.599	1789.568	1789.537	1789.506	1789.475	1789.444	1789.413	1789.384	1789.375	1789.369	1789.422	1789.458	1789.494	1789.530	1789.567	1789.594
RIGHT SIDE DRAIN BED ELEV	1789.151	1789.135	1789.104	1789.073	1789.042	1789.011	1788.980	1788.949	1788.920	1788.911	1788.925	1788.958	1788.994	1789.030	1789.066	1789.103	1789.130
LEFT SIDE DRAIN BED ELEV	1789.151	1789.135	1789.104	1789.073	1789.042	1789.011	1788.980	1788.949	1788.920	1788.911	1788.925	1788.958	1788.994	1789.030	1789.066	1789.103	1789.130

MATCH LINE - 11
AT STATION - 3+361.92

MATCH LINE - 12
AT STATION - 3+666.92

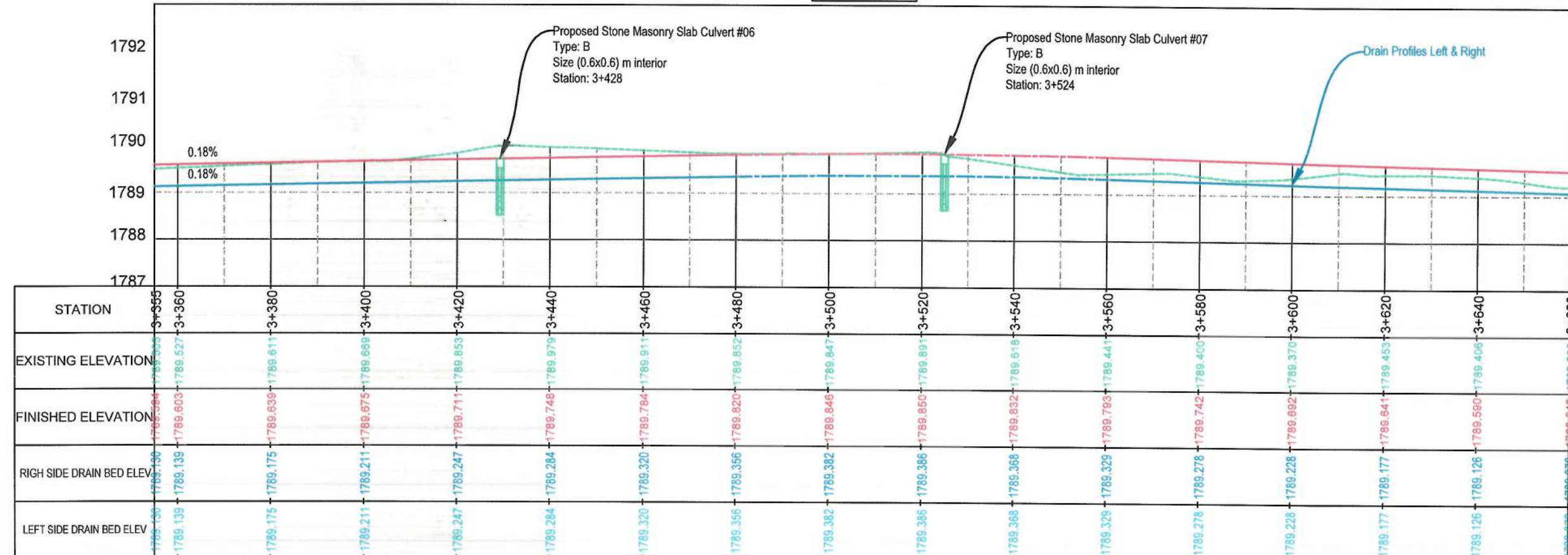


NOTE:
1. All dimensions are in meters unless otherwise indicated.

- LEGEND
1. PROPOSED CENTER LINE
 2. PROPOSED DRAIN
 3. PROPOSED CULVERT
 4. WATER FLOW DIRECTION



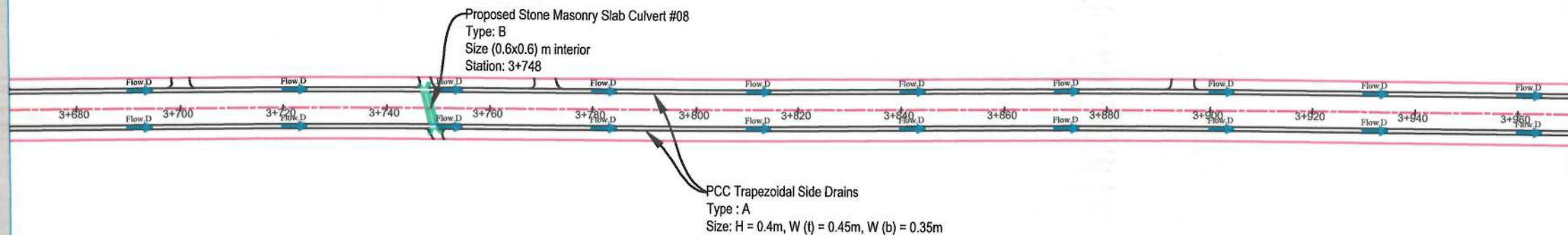
PROFILES



Date	Revision Details	Drawn	Chd.	Appr
ISLAMIC EMIRATE OF AFGHANISTAN				
Designed By:				
KABUL MUNICIPALITY DESIGN TEAM				
Project Name: Construction of Road From Bagrami Bridge to Near of the Bene Hesar				
Drawing Title: DRAINAGE PLAN & PROFILE				
Drawn:	Obaidullah Razeqi	Signature:		
Designed:	Obaidullah Razeqi	Signature:		
Checked:	Hasibullah Shalizi	Signature:		
Date:	19/08/1445	Scale:	1:1000	
Status:	FINAL DESIGN			
Project Code				
SHEET	PAGE NO	REVISION		
DP&P-12 OF 25	99 OF 115	01		

MATCH LINE - 12
AT STATION - 3+666.92

MATCH LINE - 13
AT STATION - 3+971.92



NOTE:

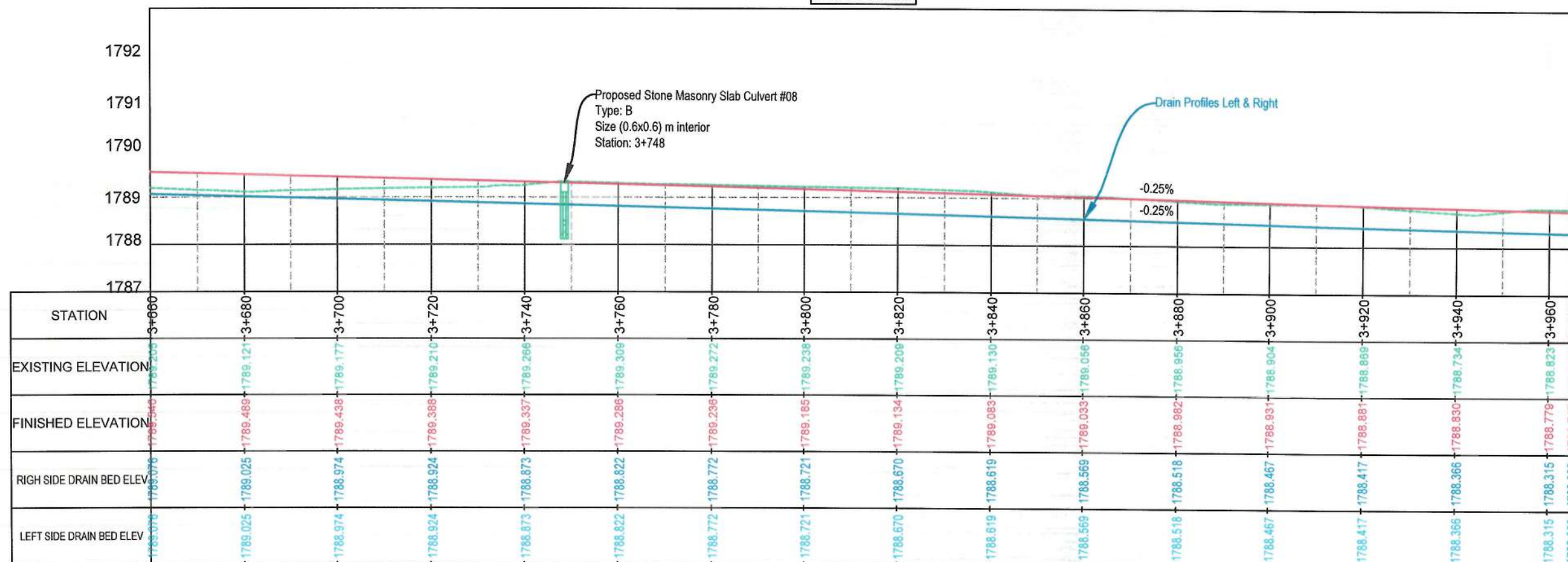
1. All dimensions are in meters unless otherwise indicated.

LEGEND

1. PROPOSED CENTER LINE
2. PROPOSED DRAIN
3. PROPOSED CULVERT
4. WATER FLOW DIRECTION



PROFILES



Date Revision Details Drawn Chkd Appr

ISLAMIC EMIRATE OF
AFGHANISTAN

Designed By:

KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Construction of Road From Bagrami
Bridge to Near of the Bene Hesar

Drawing Title:

DRAINAGE PLAN & PROFILE

Drawn: Obaidullah Razeqi
Designed: Obaidullah Razeqi
Checked: Hasbullah Shalizi

Date: 10/08/1445 Scale: 1:1000

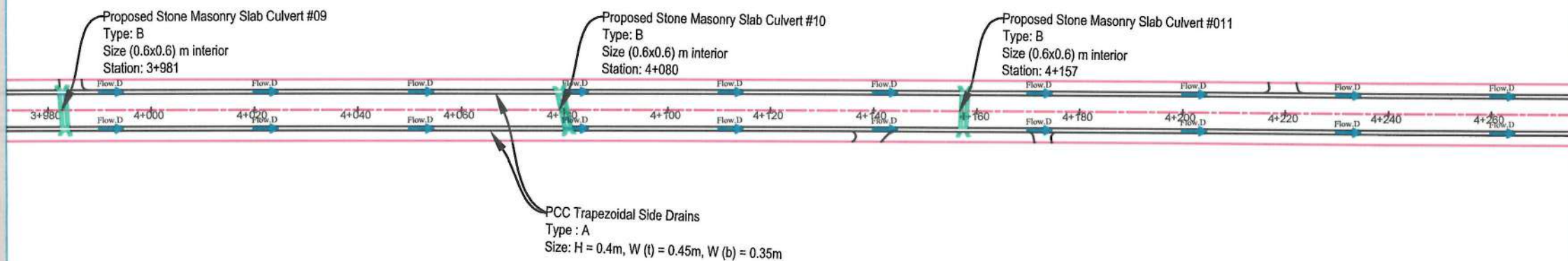
Status: FINAL
DESIGN

Project Code

SHEET DP&P-13 OF 25
PAGE NO 100 OF 115
REVISION 01

MATCH LINE - 13
AT STATION - 3+971.92

MATCH LINE - 14
AT STATION - 4+276.92



NOTE:

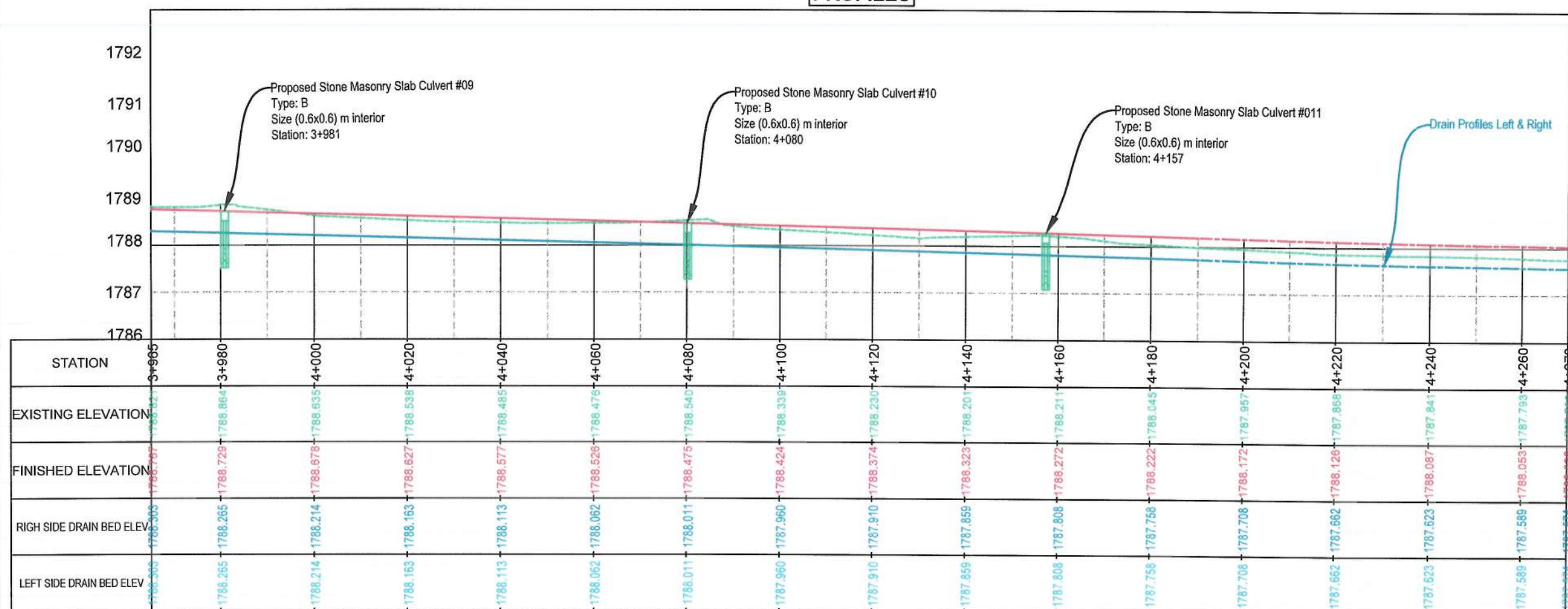
1. All dimensions are in meters unless otherwise indicated.

LEGEND

1. PROPOSED CENTER LINE
2. PROPOSED DRAIN
3. PROPOSED CULVERT
4. WATER FLOW DIRECTION



PROFILES



Date Revision Details Drawn Chkd. Appr

ISLAMIC EMIRATE OF
AFGHANISTAN

Designed By:

KABUL MUNICIPALITY
DESIGN TEAM

Project Name:

Construction of Road From Bagrami
Bridge to Near of the Bene Hesar

Drawing Title:

DRAINAGE PLAN & PROFILE

Drawn: Omidullah Razaqi
Designed: Omidullah Razaqi
Checked: Hamidullah Shalizi

Date: 10/08/1445
Scale: 1:1000

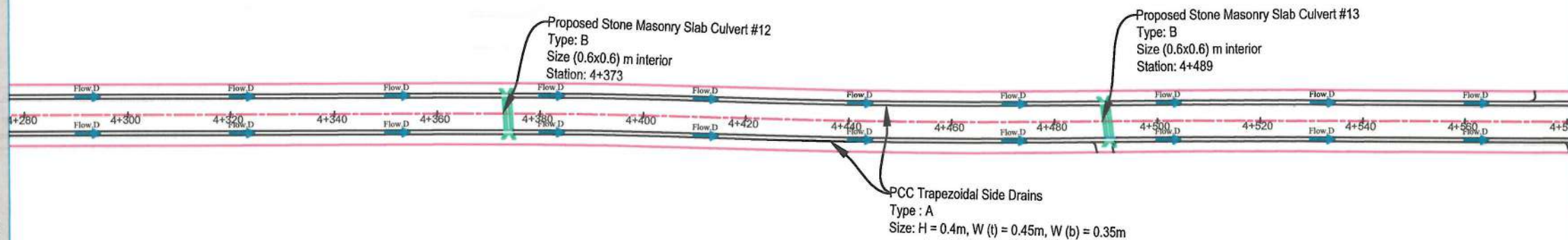
Status: FINAL
DESIGN

Project Code

SHEET DP&P-14 OF 25
PAGE NO 101 OF 115
REVISION 01

MATCH LINE - 14
AT STATION - 4+276.92

MATCH LINE - 15
AT STATION - 4+581.92



NOTE:

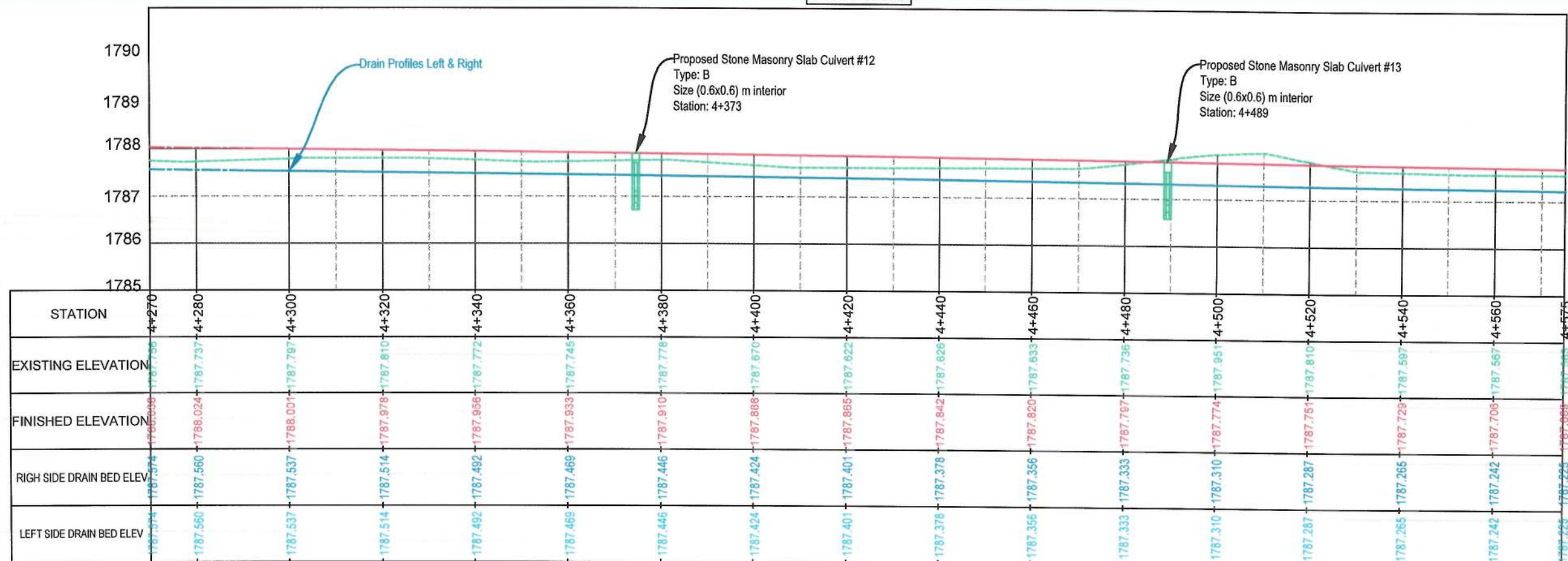
1. All dimensions are in meters unless otherwise indicated.

LEGEND

1. PROPOSED CENTER LINE
2. PROPOSED DRAIN
3. PROPOSED CULVERT
4. WATER FLOW DIRECTION



PROFILES



ISLAMIC EMIRATE OF
AFGHANISTAN

Designed By:

KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Construction of Road From Bagrani
Bridge to Near of the Bene Hesar

Drawing Title:
DRAINAGE PLAN & PROFILE

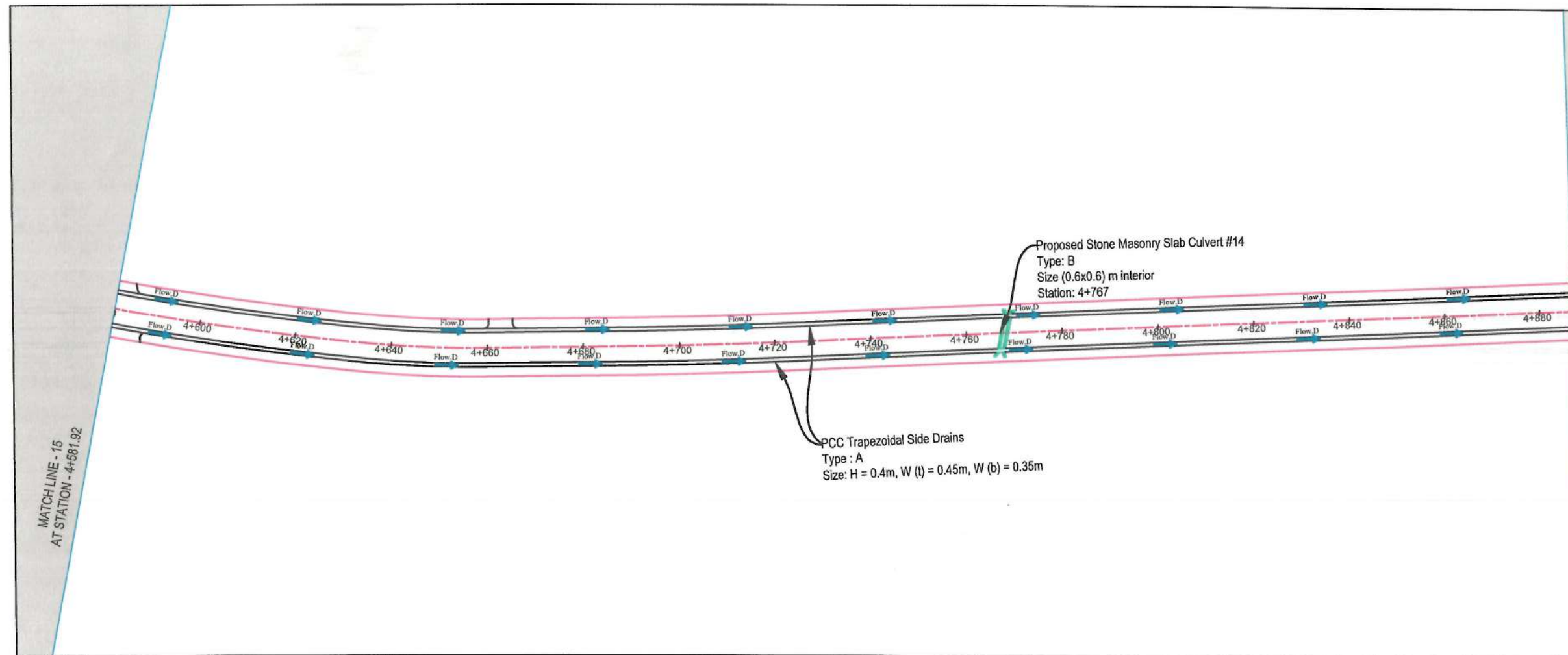
Drawn: Obaidullah Razaqi
Designed: Obaidullah Razaqi
Checked: Hashibullah Shalizi

Date: 10/08/1445
Scale: 1:1000

Status: FINAL
DESIGN

Project Code

SHHET DP&P-15 OF 25
PAGE NO 102 OF 115
REVISION 01

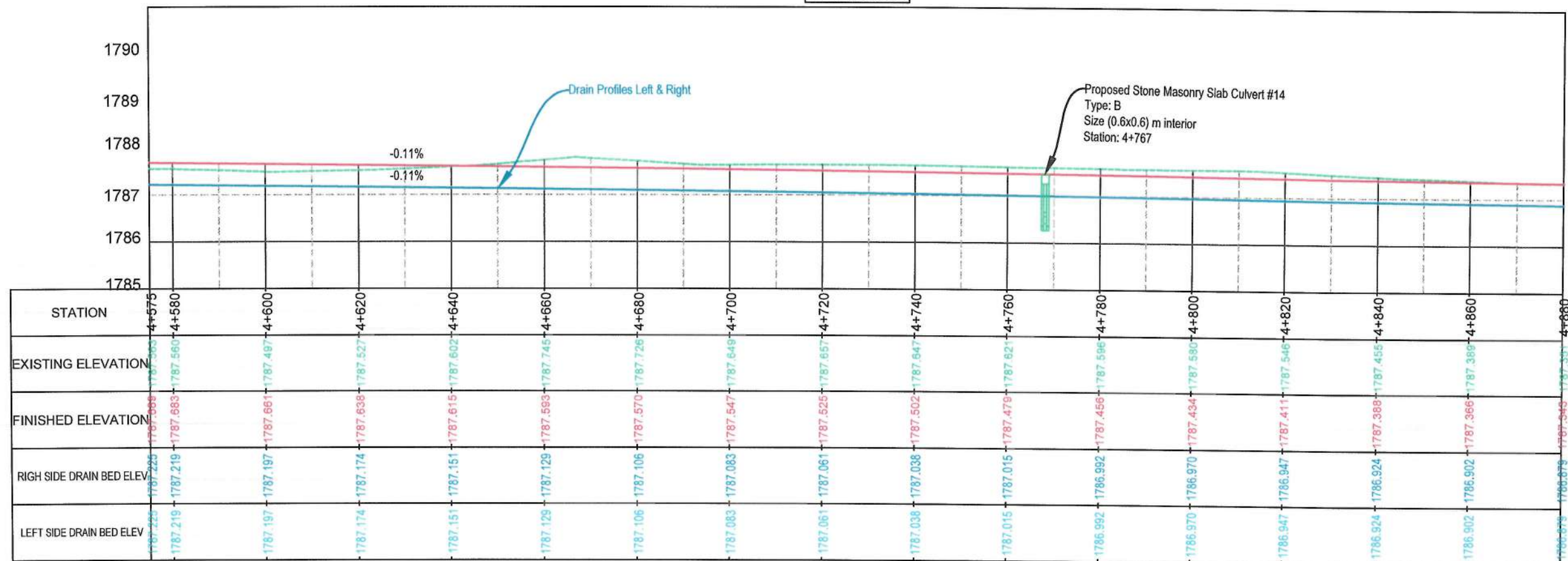


NOTE:
1. All dimensions are in meters unless otherwise indicated.

- LEGEND
- 1. PROPOSED CENTER LINE
 - 2. PROPOSED DRAIN
 - 3. PROPOSED CULVERT
 - 4. WATER FLOW DIRECTION



PROFILES



Date	Revision	Details	Drawn	Chkd.	Appr.

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:

KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of Road From Bagrami Bridge to Near of the Bene Hesar

Drawing Title:

DRAINAGE PLAN & PROFILE

Drawn:	Signature:
Obaidullah Razaqi	
Designed:	Signature:
Obaidullah Razaqi	
Checked:	Signature:
Hanibullah Shahzai	

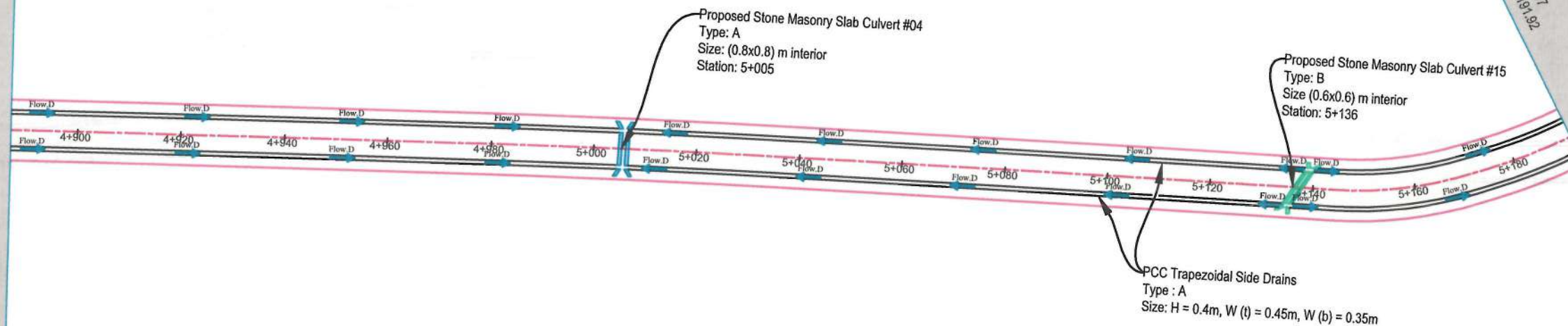
Date: 10/08/1445 Scale: 1:1000

Status: FINAL DESIGN

Project Code:

SHEET	PAGE NO	REVISION
DP&P-16 OF 25	103 OF 115	01

MATCH LINE - 16
AT STATION - 4+886.92

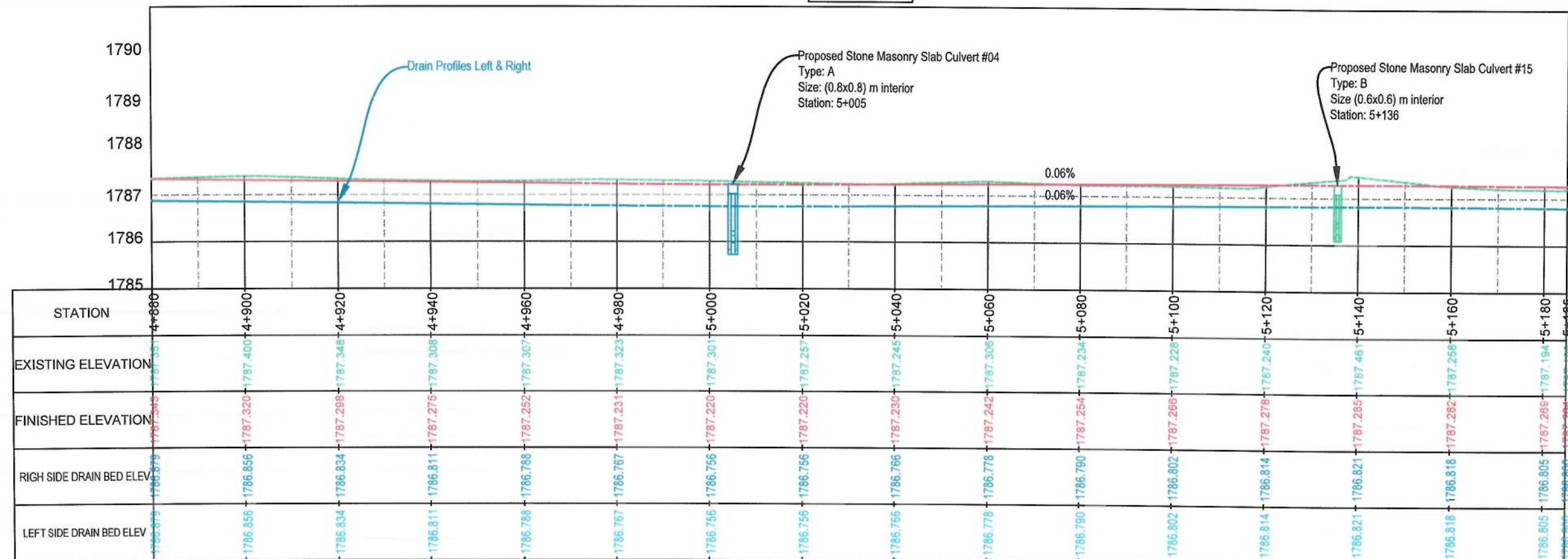


NOTE:
1. All dimensions are in meters unless otherwise indicated.

- LEGEND
- 1. PROPOSED CENTER LINE
 - 2. PROPOSED DRAIN
 - 3. PROPOSED CULVERT
 - 4. WATER FLOW DIRECTION



PROFILES



Date	Revision	Details	Drawn	Chkd	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:

KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of Road From Bagrami Bridge to Near of the Bene Hesar

Drawing Title:
DRAINAGE PLAN & PROFILE

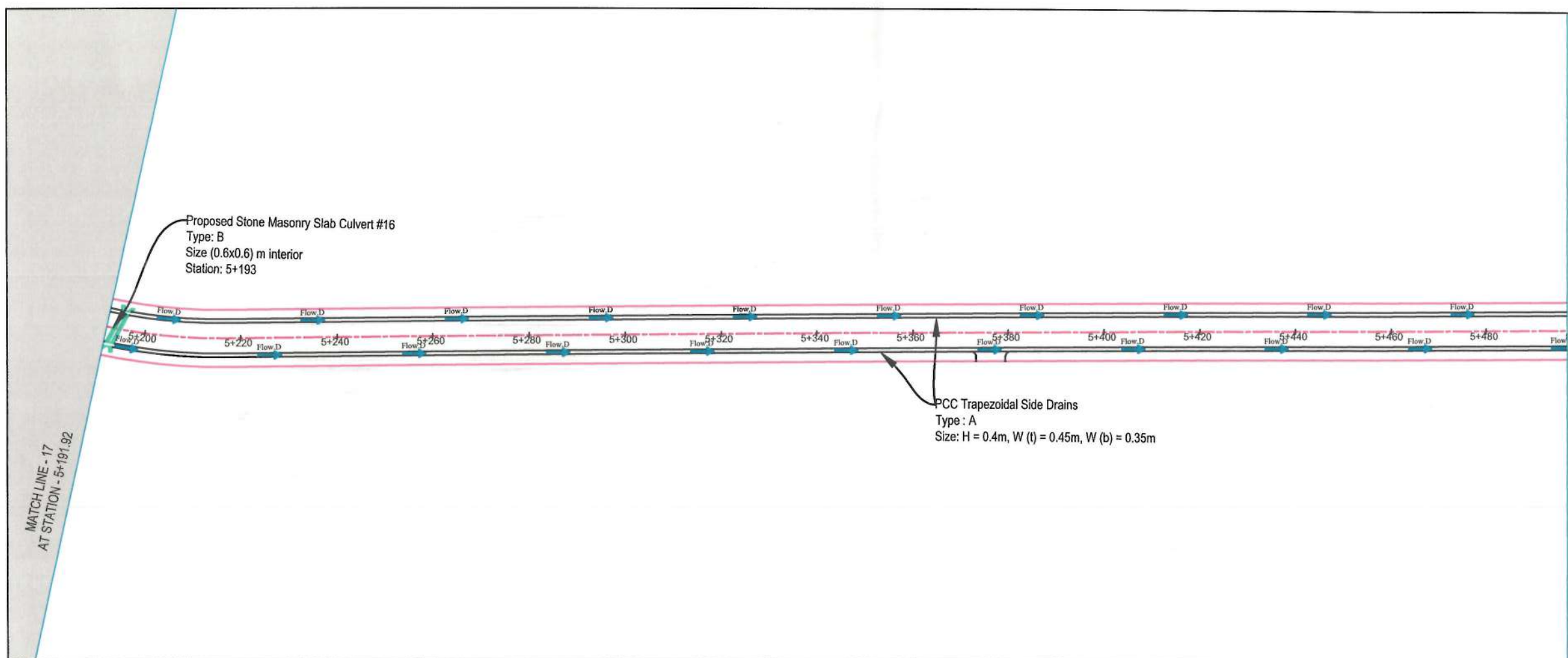
Drawn: Obaidullah Razaqi	Signature:
Designed: Obaidullah Razaqi	Signature:
Checked: Hasibullah Shalizi	Signature:

Date: 10/08/1445 Scale: 1:1000

Status: FINAL DESIGN

Project Code

SHEET	PAGE NO	REVISION
DP&P-17 OF 25	104 OF 115	01

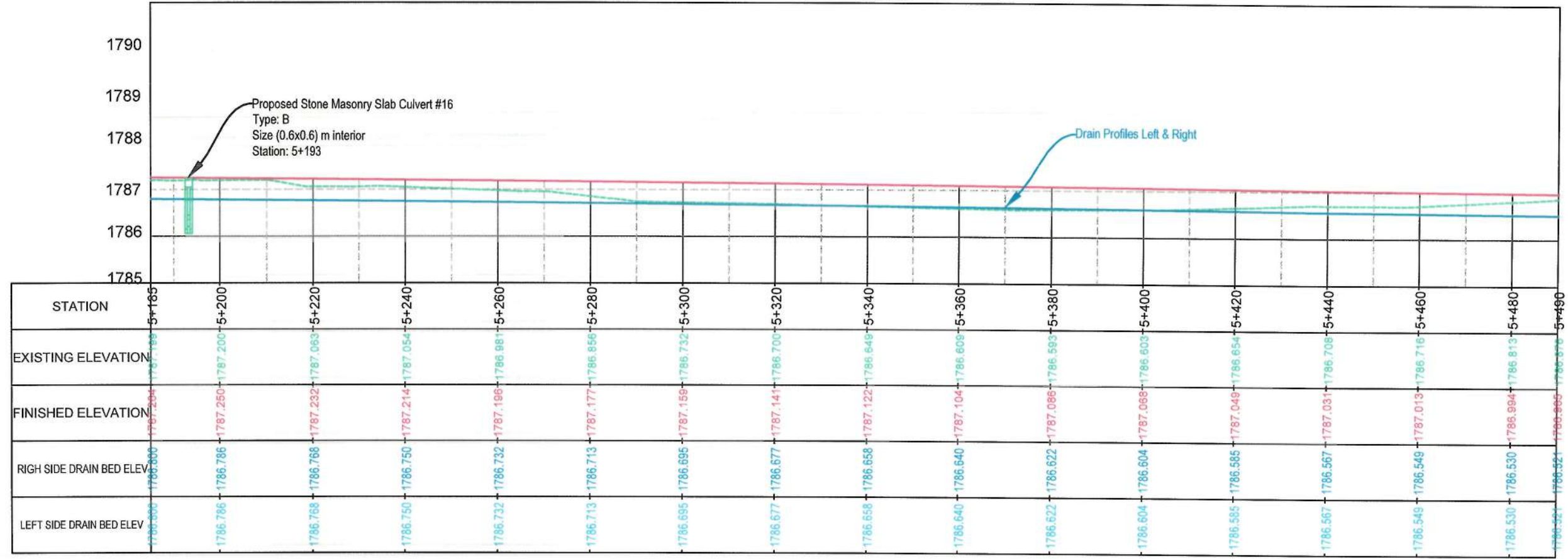


NOTE:
1. All dimensions are in meters unless otherwise indicated.

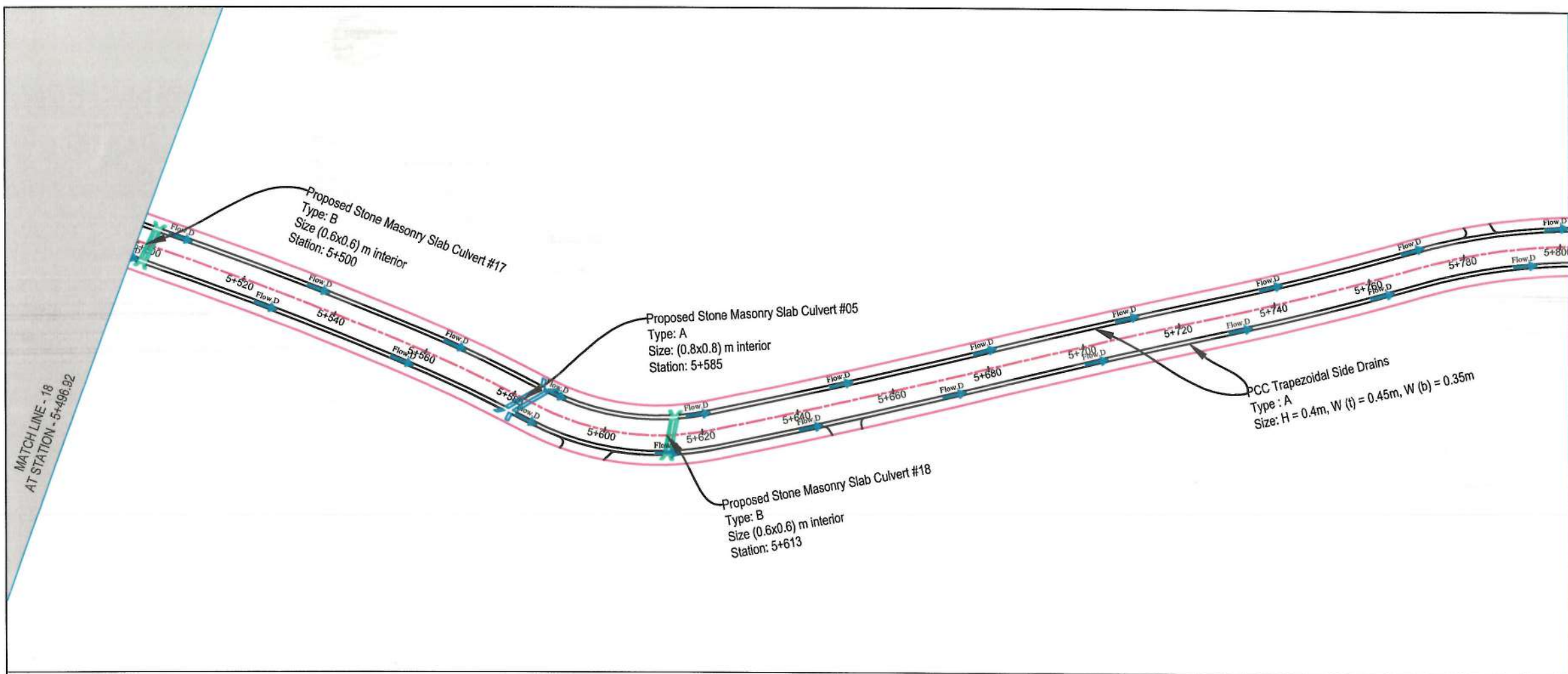
- LEGEND
- 1. PROPOSED CENTER LINE
 - 2. PROPOSED DRAIN
 - 3. PROPOSED CULVERT
 - 4. WATER FLOW DIRECTION



PROFILES



Date	Revision	Details	Drawn	Chkd.	Appr.
ISLAMIC EMIRATE OF AFGHANISTAN					
Designed By:					
KABUL MUNICIPALITY DESIGN TEAM					
Project Name:					
Construction of Road From Bagrami Bridge to Near of the Bene Hesar					
Drawing Title:					
DRAINAGE PLAN & PROFILE					
Drawn:	Obaidullah Razaqi	Signature:			
Designed:	Obaidullah Razaqi	Signature:			
Checked:	Hassibullah Shalizi	Signature:			
Date:	10/08/1445	Scale:	1:1000		
Status:	FINAL DESIGN				
Project Code					
SHEET	DP&P-18 OF 25	PAGE NO	105 OF 115	REVISION	01



MATCH LINE - 19
AT STATION - 5+801.92



NOTE:

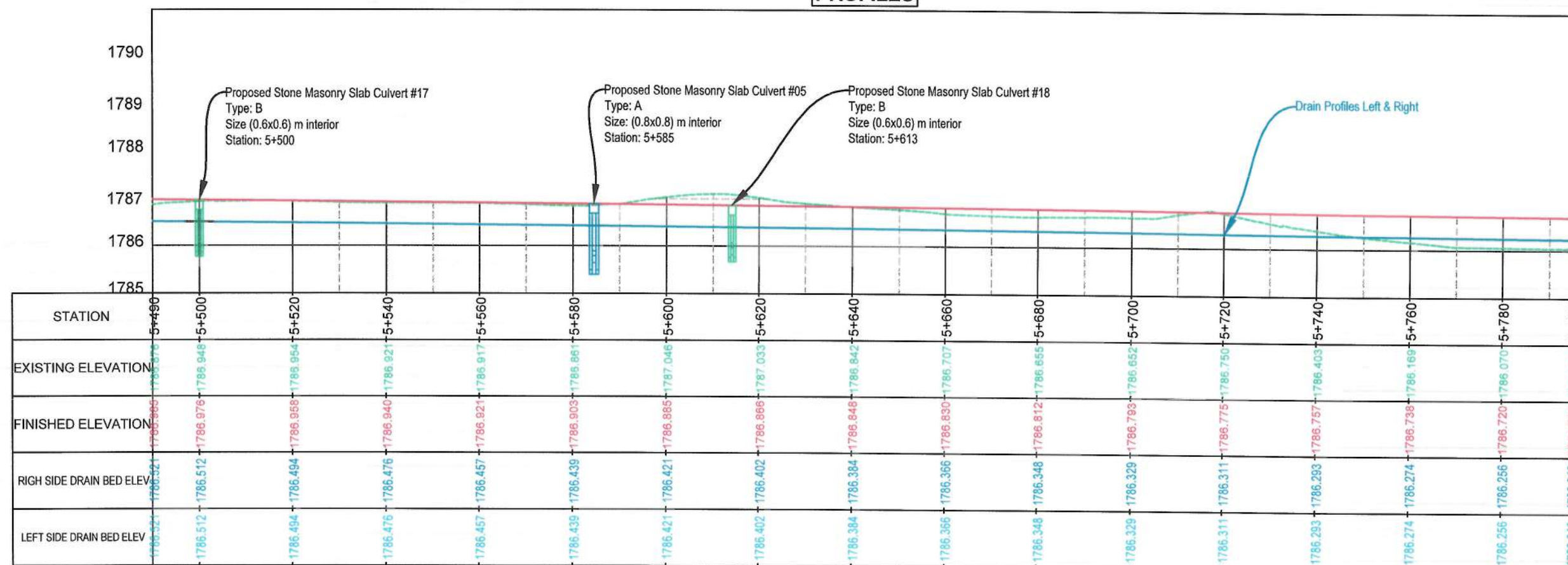
1. All dimensions are in meters unless otherwise indicated.


LEGEND

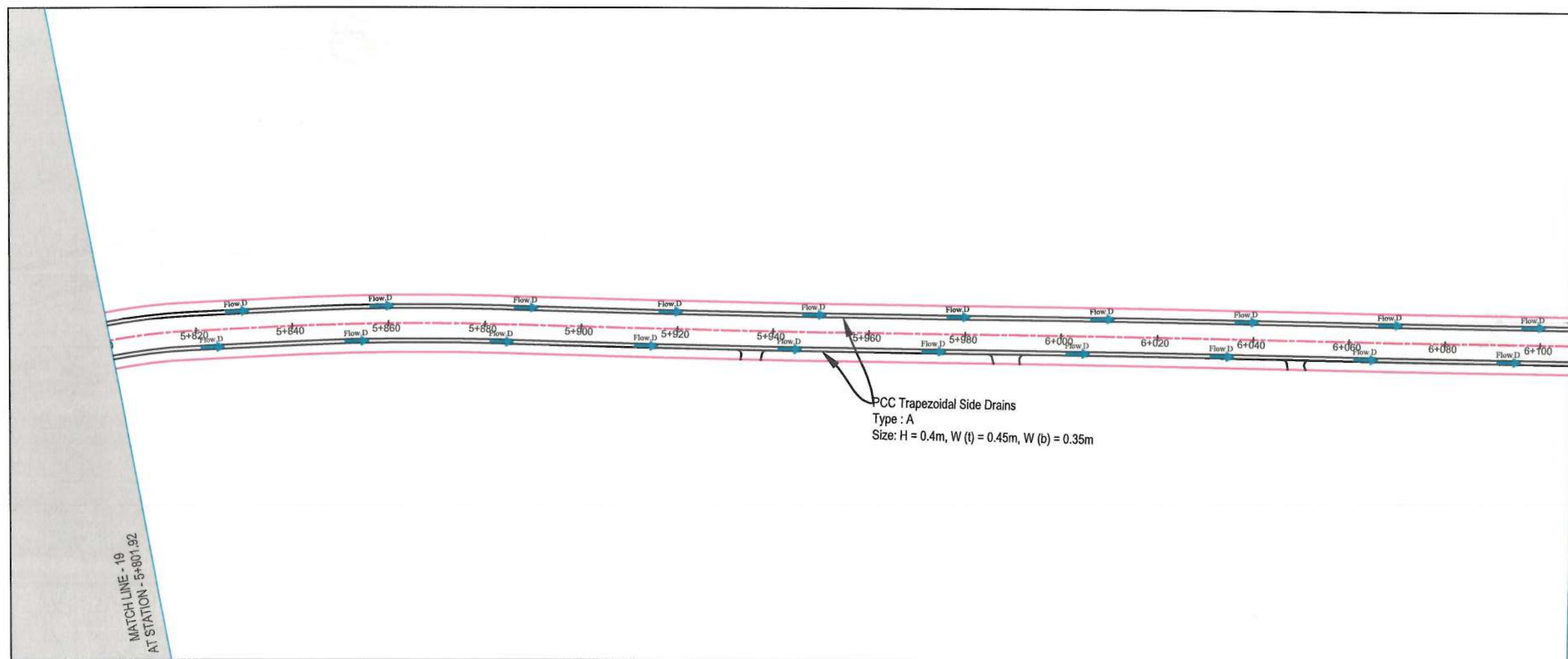
1. PROPOSED CENTER LINE
2. PROPOSED DRAIN
3. PROPOSED CULVERT
4. WATER FLOW DIRECTION



PROFILES



Date	Revision Details	Drawn	Chkd	Appr	
ISLAMIC EMIRATE OF AFGHANISTAN					
Designed By:					
		KABUL MUNICIPALITY DESIGN TEAM			
Project Name:					
Construction of Road From Bagrami Bridge to Near of the Bene Hesar					
Drawing Title:					
DRAINAGE PLAN & PROFILE					
Drawn:		Signature:			
Obaidullah Razeqi					
Designed:		Signature:			
Obaidullah Razeqi					
Checked:		Signature:			
Hasibullah Shalizi					
Date:		Scale:		1:1000	
10/08/1445					
Status:		FINAL DESIGN			
Project Code					
SHEET		PAGE NO		REVISION	
DP&P-19 OF 25		106 OF 115		01	



MATCH LINE - 20
AT STATION - 6+106.92

NOTE:

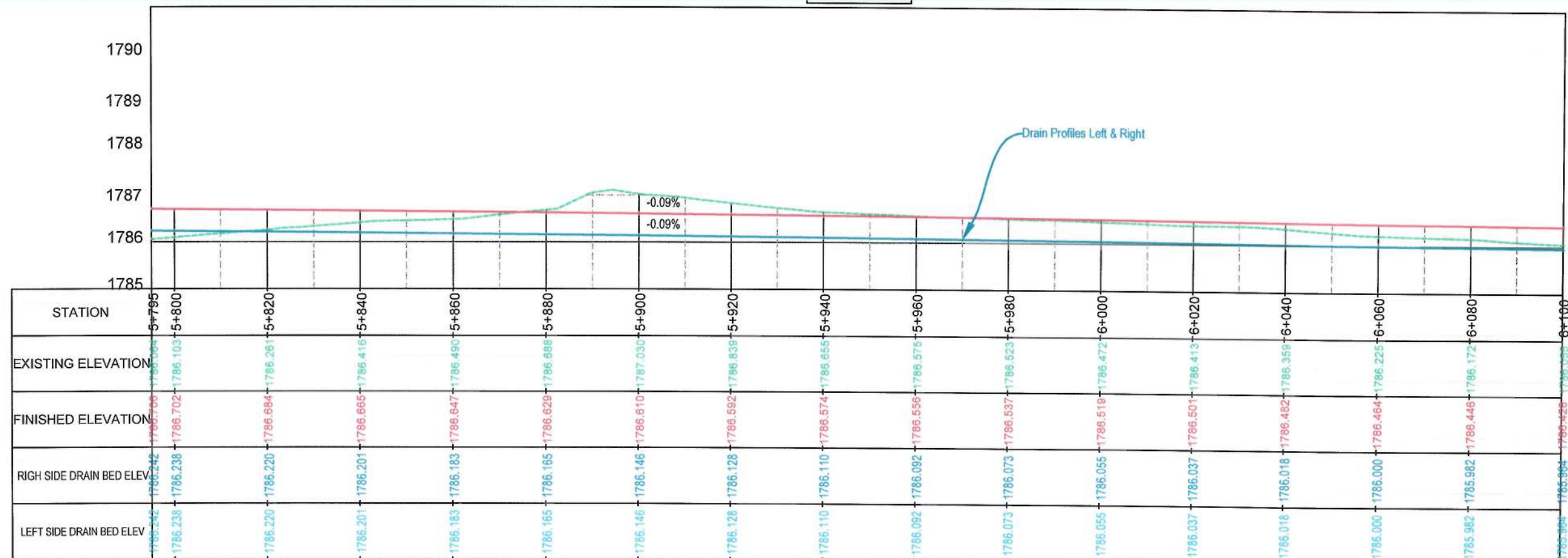
- All dimensions are in meters unless otherwise indicated.

LEGEND

- PROPOSED CENTER LINE
- PROPOSED DRAIN
- PROPOSED CULVERT
- WATER FLOW DIRECTION



PROFILES



Date	Revision	Detail	Drawn	Chkd	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:
KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of Road From Bagrami Bridge to Near of the Bene Hesar

Drawing Title:
DRAINAGE PLAN & PROFILE

Drawn: Obaidullah Razaqi
Designed: Obaidullah Razaqi
Checked: Habibullah Shalizi

Date: 10/08/1445
Scale: 1:1000

Status: FINAL DESIGN

Project Code





SHEET DP&P-20 OF 25
PAGE NO 107 OF 115
REVISION 01



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

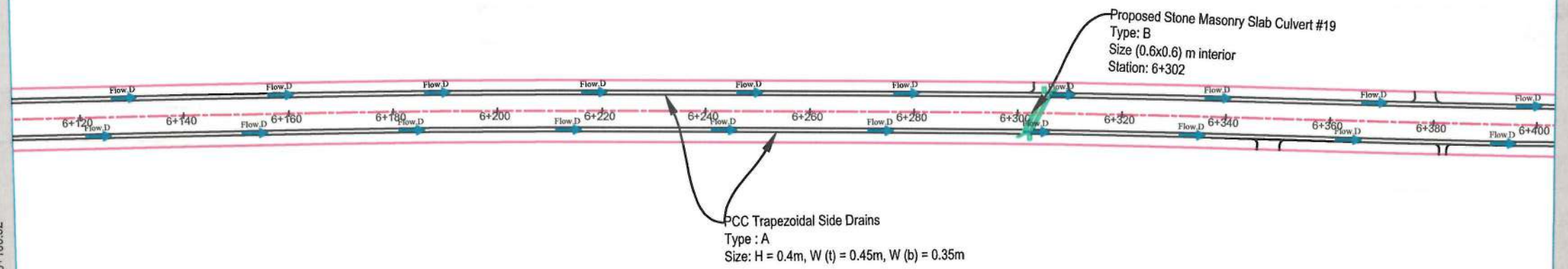
- LEGEND
- 1. PROPOSED CENTER LINE
 - 2. PROPOSED DRAIN
 - 3. PROPOSED CULVERT
 - 4. WATER FLOW DIRECTION



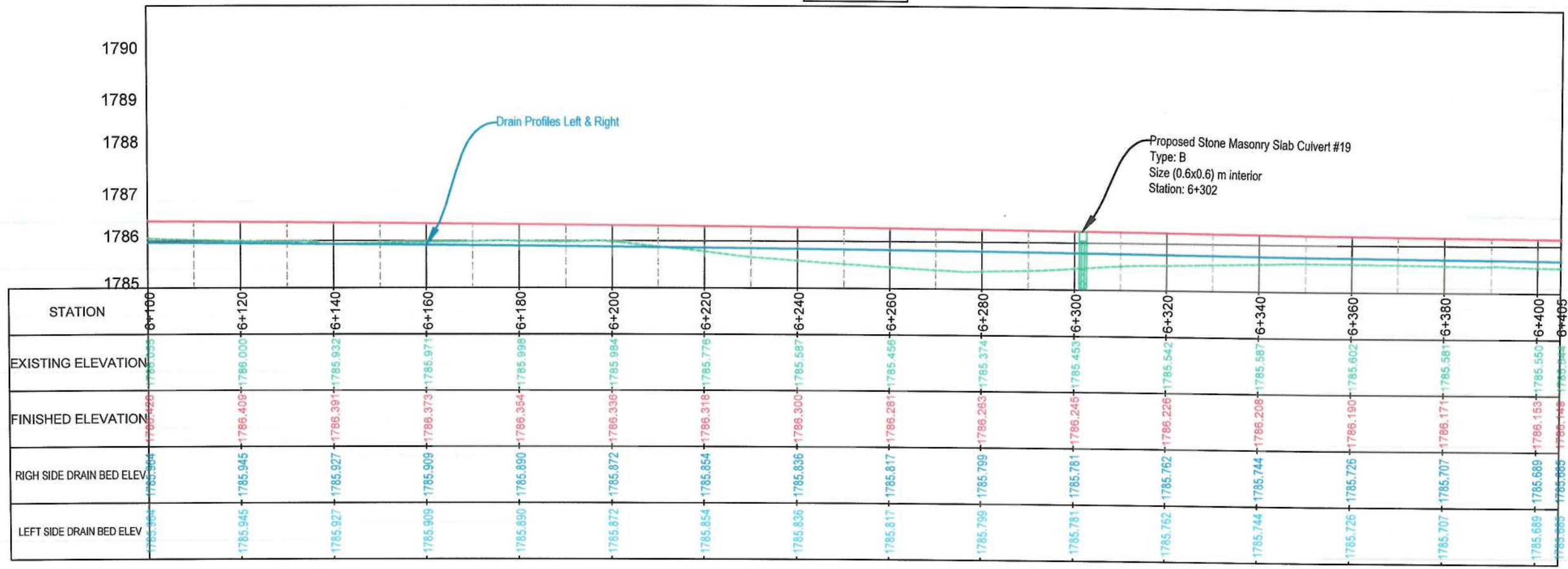
Date	Revision Details	Drawn	Chkd.	Appr.	
ISLAMIC EMIRATE OF AFGHANISTAN					
Designed By:					
		KABUL MUNICIPALITY DESIGN TEAM			
Project Name:					
Construction of Road From Bagrami Bridge to Near of the Bene Hesar					
Drawing Title:					
DRAINAGE PLAN & PROFILE					
Drawn:	Obaidullah Razaqi		Signature:		
Designed:	Obaidullah Razaqi		Signature:		
Checked:	Hasibullah Shalizi		Signature:		
Date:	10/08/1445		Scale:	1:1000	
Status:	FINAL DESIGN				
Project Code					
SHEET		PAGE NO		REVISION	
DP&P-21 OF 25		108 OF 115		01	

MATCH LINE - 20
AT STATION - 6+106.92

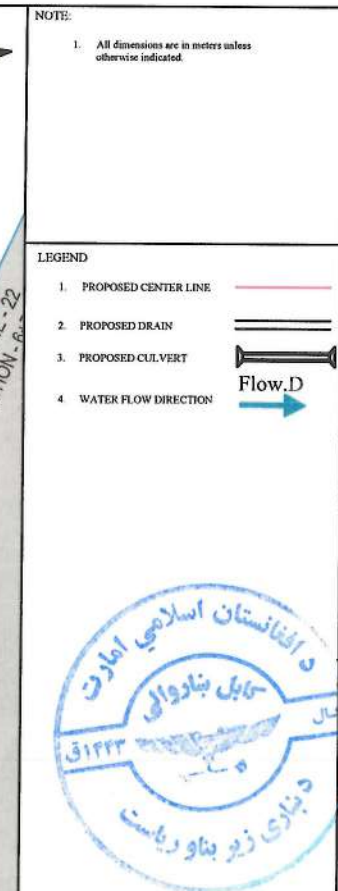
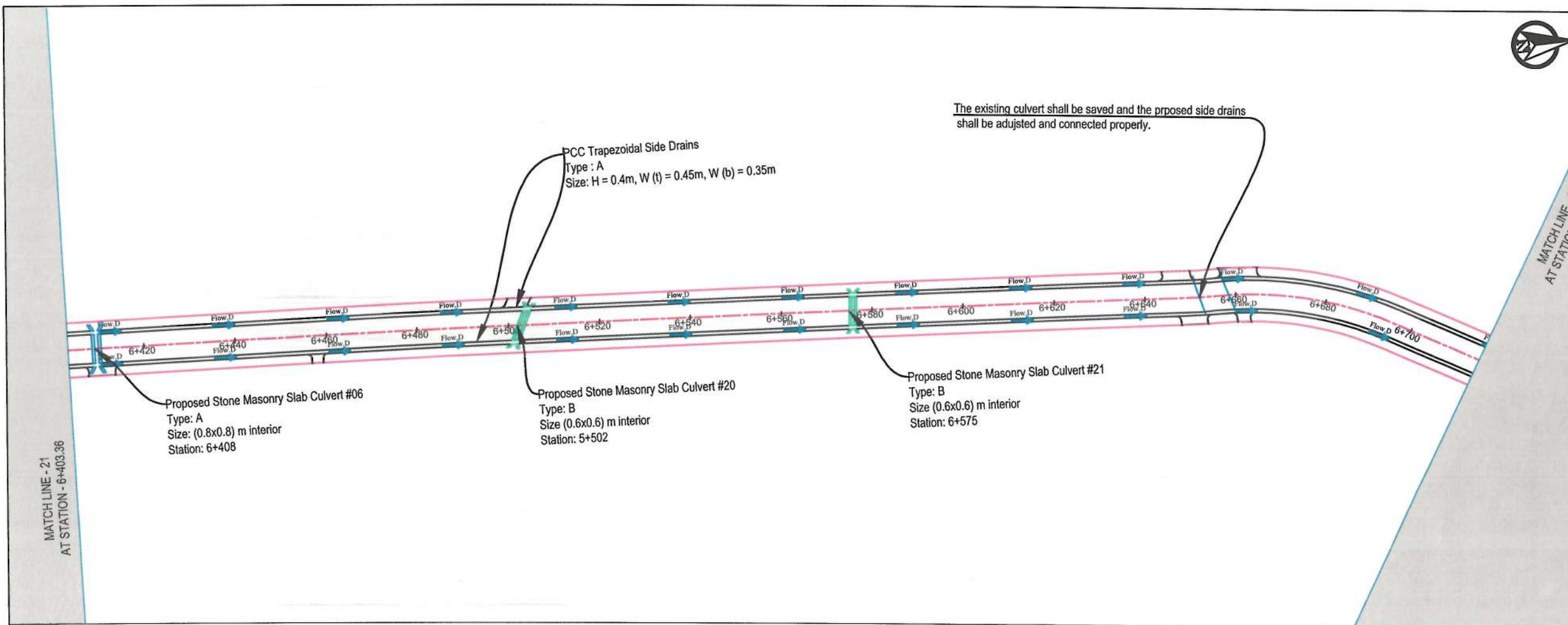
MATCH LINE - 21
AT STATION - 6+403.36



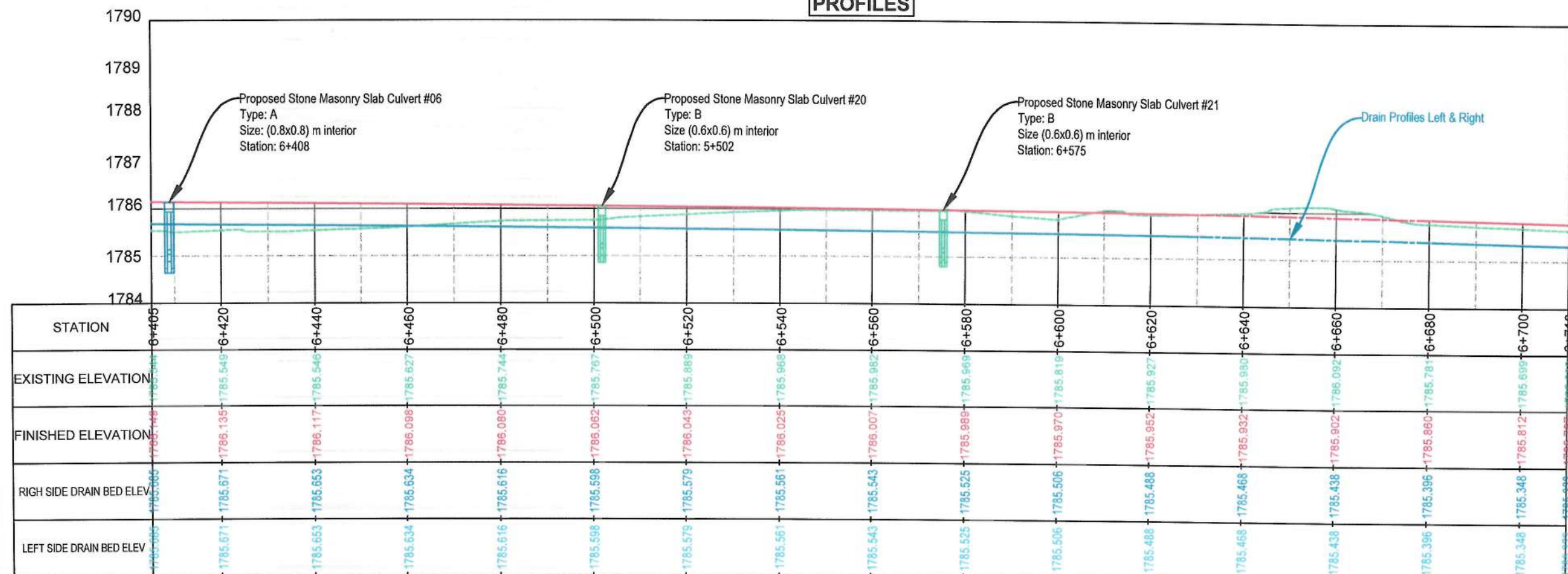
PROFILES



STATION	6+100	6+120	6+140	6+160	6+180	6+200	6+220	6+240	6+260	6+280	6+300	6+320	6+340	6+360	6+380	6+400
EXISTING ELEVATION	1785.935	1786.000	1785.932	1785.971	1785.998	1785.984	1785.776	1785.587	1785.456	1785.374	1785.453	1785.542	1785.587	1785.802	1785.581	1785.550
FINISHED ELEVATION	1785.945	1786.409	1786.391	1786.373	1786.354	1786.336	1786.318	1786.300	1786.281	1786.263	1786.245	1786.226	1786.208	1786.190	1786.171	1786.153
RIGHT SIDE DRAIN BED ELEV.	1785.964	1785.945	1785.927	1785.909	1785.890	1785.872	1785.854	1785.836	1785.817	1785.799	1785.781	1785.762	1785.744	1785.726	1785.707	1785.689
LEFT SIDE DRAIN BED ELEV.	1785.964	1785.945	1785.927	1785.909	1785.890	1785.872	1785.854	1785.836	1785.817	1785.799	1785.781	1785.762	1785.744	1785.726	1785.707	1785.689



PROFILES



Date	Revision	Details	Drawn	Chkd.	Appr.

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:

KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of Road From Bagrami Bridge to Near of the Bene Hesar

Drawing Title:
DRAINAGE PLAN & PROFILE

Drawn: Obaidullah Razaqi
Designed: Obaidullah Razaqi
Checked: Habibullah Shalizi

Date: 10/08/1445
Scale: 1:1000

Status: FINAL DESIGN

Project Code:

SHEET	PAGE NO	REVISION
DP&P-22 OF 25	109 OF 115	01



NOTE:

1. All dimensions are in meters unless otherwise indicated.

LEGEND

1. PROPOSED CENTER LINE
2. PROPOSED DRAIN
3. PROPOSED CULVERT
4. WATER FLOW DIRECTION



Date	Revision Details	Drawn	Chkd	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:



Project Name:

Construction of Road From Bagrami Bridge to Near of the Bene Hesar

Drawing Title:

DRAINAGE PLAN & PROFILE

Drawn:	Signature:
Obaidullah Razaqi	
Designed:	Signature:
Obaidullah Razaqi	
Checked:	Signature:
Hassanullah Shalizi	

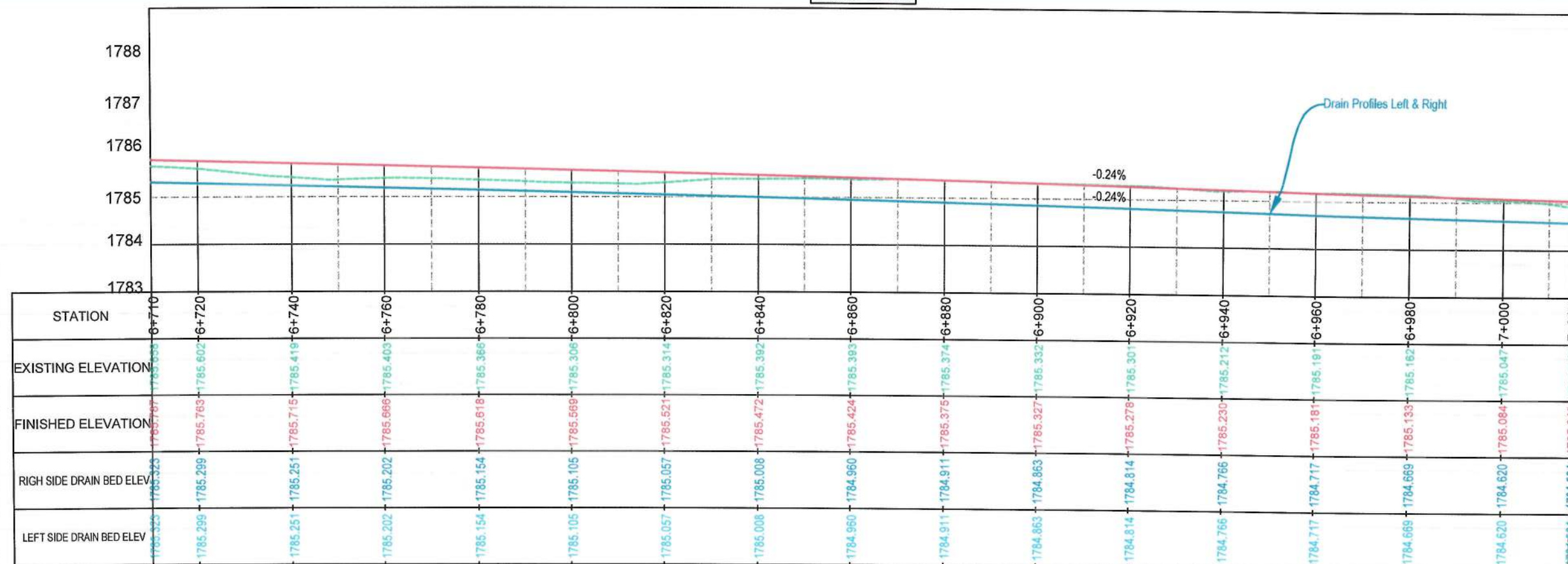
Date: 10/08/1445 Scale: 1:1000

Status: FINAL DESIGN

Project Code

SHEET	PAGE NO	REVISION
DP&P-23 OF 25	110 OF 115	01

PROFILES





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

- LEGEND
- 1. PROPOSED CENTER LINE
 - 2. PROPOSED DRAIN
 - 3. PROPOSED CULVERT
 - 4. WATER FLOW DIRECTION



MATCH LINE - 23
AT STATION - 7+021.30

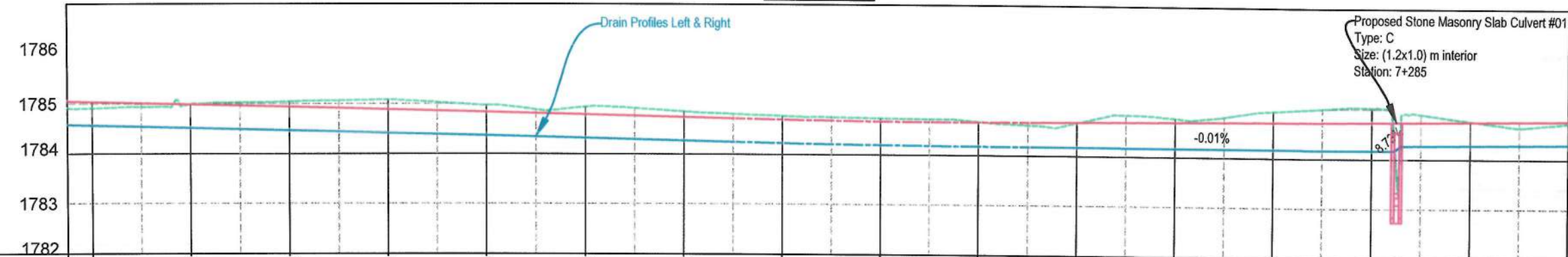
MATCH LINE - 24
AT STATION - 7+326.31

PCC Trapezoidal Side Drains
Type: A
Size: $H = 0.4m$, $W(t) = 0.45m$, $W(b) = 0.35m$

The wing walls shall be connected properly to the existing wall

Proposed Stone Masonry Slab Culvert #01
Type: C
Size: (1.2×1.0) m interior
Station: 7+285

PROFILES



STATION	7+015	7+020	7+040	7+060	7+080	7+100	7+120	7+140	7+160	7+180	7+200	7+220	7+240	7+260	7+280	7+300	7+320
EXISTING ELEVATION	1784.564	1784.515	1785.000	1785.047	1785.086	1784.981	1784.947	1784.859	1784.776	1784.739	1784.681	1784.673	1784.776	1784.941	1785.026	1784.768	1784.735
FINISHED ELEVATION	1784.564	1784.515	1784.988	1784.938	1784.891	1784.842	1784.794	1784.745	1784.696	1784.672	1784.667	1784.682	1784.700	1784.717	1784.735	1784.752	1784.770
RIGHT SIDE DRAIN BED ELEV	1784.564	1784.515	1784.524	1784.475	1784.427	1784.378	1784.330	1784.281	1784.235	1784.201	1784.184	1784.180	1784.178	1784.177	1784.175	1784.288	1784.306
LEFT SIDE DRAIN BED ELEV	1784.564	1784.515	1784.524	1784.475	1784.427	1784.378	1784.330	1784.281	1784.235	1784.201	1784.184	1784.180	1784.178	1784.177	1784.175	1784.288	1784.306

Date	Revision Details	Drawn	Chkd.	Appr.
ISLAMIC EMIRATE OF AFGHANISTAN				
Designed By:				
KABUL MUNICIPALITY DESIGN TEAM				
Project Name: Construction of Road From Bagrami Bridge to Near of the Bene Hesar				
Drawing Title: DRAINAGE PLAN & PROFILE				
Drawn:	Obaidullah Razaqi	Signature:		
Designed:	Obaidullah Razaqi	Signature:		
Checked:	Hasibullah Shalizi	Signature:		
Date:	10/08/1445	Scale:	1:1000	
Status:	FINAL DESIGN			
Project Code				
SHEET	PAGE NO	REVISION		
DP&P-24 OF 25	111 OF 115	01		



NOTE:

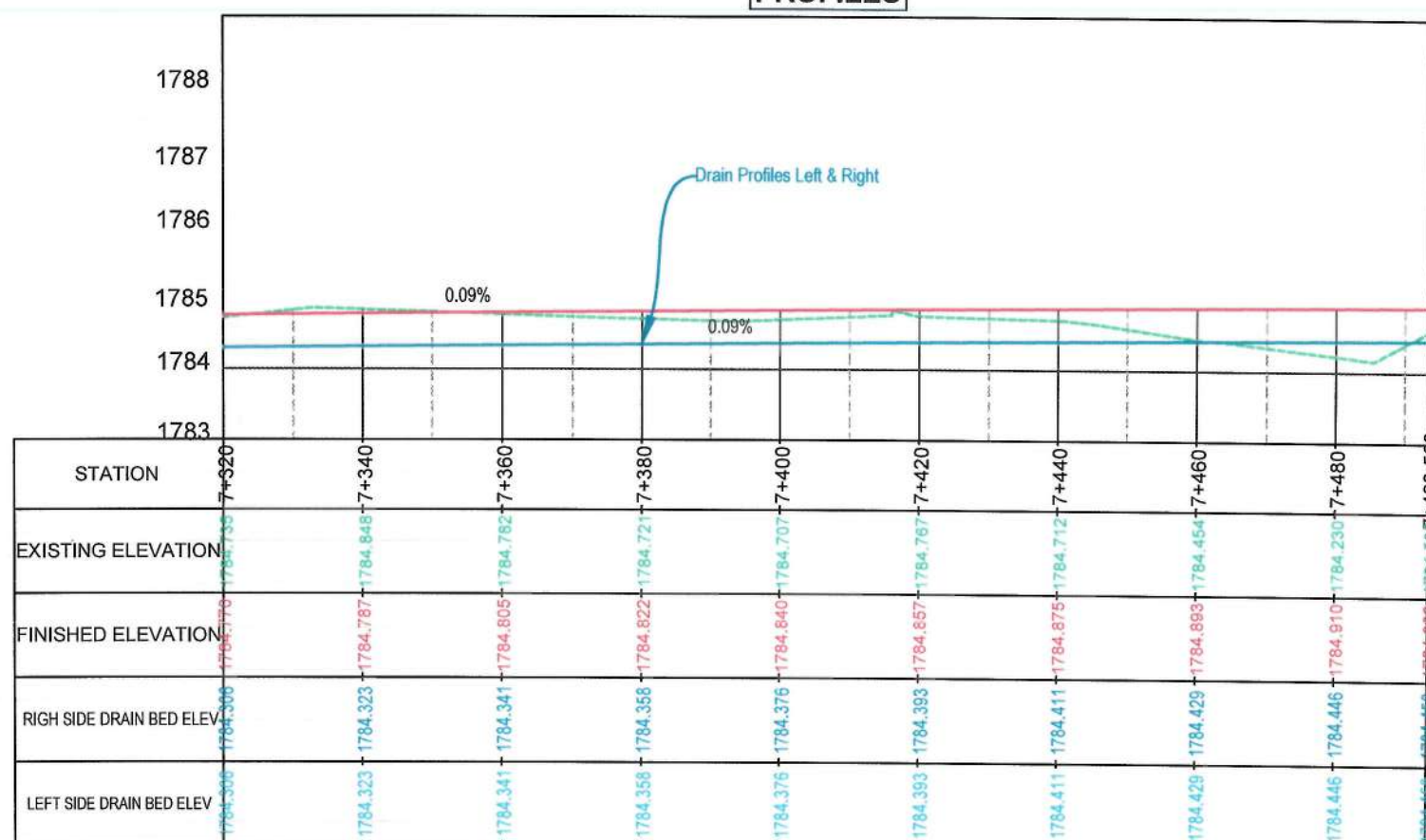
1. All dimensions are in meters unless otherwise indicated.

LEGEND

1. PROPOSED CENTER LINE
2. PROPOSED DRAIN
3. PROPOSED CULVERT
4. WATER FLOW DIRECTION



PROFILES



Date	Revision Details	Drawn	Chkd	Appr

ISLAMIC EMIRATE OF AFGHANISTAN

Designed By:

KABUL MUNICIPALITY DESIGN TEAM

Project Name:
Construction of Road From Bagrabi Bridge to Near of the Bene Hesar

Drawing Title:

DRAINAGE PLAN & PROFILE

Drawn:	Signature:
Obaidullah Razaqi	
Designed:	Signature:
Obaidullah Razaqi	
Checked:	Signature:
Hasibullah Shalizi	

Date: 10/08/1445 Scale: 1:1000

Status: FINAL DESIGN

Project Code

SHEET	PAGE NO	REVISION
DP&P-25 OF 25	112 OF 115	01

BENCHMARKS			
Point Number	Easting	Northing	Point Elevation
1	525424.3741m	3817125.7199m	1785.000m
2	525441.3026m	3817127.5708m	1785.200m
4	525439.9715m	3817004.0197m	1784.627m
5	525436.1307m	3816844.3925m	1784.519m
6	525386.6752m	3816746.3130m	1784.939m
7	525339.6789m	3816626.3493m	1785.099m
8	525266.4098m	3816521.6196m	1785.538m
9	525222.7937m	3816423.1814m	1785.512m
10	525180.5176m	3816364.0928m	1785.761m
11	525177.0606m	3816285.5498m	1785.909m
12	525160.8728m	3816173.7287m	1785.758m
13	525160.0045m	3816088.0344m	1785.554m
14	525146.2545m	3815984.4789m	1785.559m
15	525146.1872m	3815872.5729m	1785.978m
16	525138.8194m	3815755.5274m	1786.217m
17	525124.0711m	3815585.8828m	1786.897m
18	525129.4769m	3815456.7974m	1786.054m
19	525191.0748m	3815301.0715m	1787.435m
20	525141.4059m	3815066.0702m	1786.452m
21	525095.1431m	3814892.6730m	1787.233m
22	525060.7956m	3814847.2571m	1787.414m
23	525100.5104m	3814890.3081m	1787.368m
24	525061.1245m	3814853.1710m	1787.755m
25	524954.0159m	3814774.7141m	1787.414m
26	524765.6700m	3814629.0542m	1787.717m
27	524667.4987m	3814554.1658m	1787.975m
28	524516.9101m	3814495.3028m	1788.075m
29	524411.7665m	3814444.3239m	1788.009m
30	524216.6814m	3814369.1949m	1788.321m
31	524056.4507m	3814294.6739m	1789.210m
32	523839.1184m	3814209.5941m	1789.396m
33	523634.3006m	3814116.2813m	1789.890m
34	523544.9353m	3814080.8339m	1790.077m
35	523368.8012m	3813996.7236m	1789.805m
36	523134.7093m	3813896.1172m	1789.387m
37	522929.2745m	3813813.2416m	1790.585m
38	523845.2086m	3814202.6807m	1789.912m
39	522812.2257m	3813783.5917m	1790.761m
40	522736.6036m	3813781.6964m	1790.195m
41	522704.8695m	3813768.0174m	1790.641m
42	522713.2363m	3813768.5285m	1790.655m
43	522653.8581m	3813869.7771m	1790.354m
44	522621.7332m	3813954.2299m	1789.496m
45	522567.2051m	3814047.5768m	1790.153m
46	522516.5537m	3814158.3840m	1789.462m
47	522468.1588m	3814276.5385m	1789.152m
48	522442.8784m	3814268.5121m	1788.955m
49	522323.0241m	3814359.9478m	1789.859m
50	522228.6660m	3814510.8845m	1790.017m
51	522122.6891m	3814693.5856m	1789.184m
52	522023.2887m	3814779.4706m	1788.954m
53	521952.1505m	3814771.9641m	1788.917m
54	521977.3145m	3814767.0704m	1789.392m
55	521888.1256m	3814794.1154m	1788.691m
56	521778.4946m	3814874.5507m	1788.743m
57	521689.9516m	3814953.4793m	1788.832m
58	521513.5569m	3815027.4658m	1788.784m
59	521407.7194m	3815109.0227m	1788.395m
60	521263.5988m	3815208.2337m	1788.668m
61	521141.0012m	3815098.7673m	1789.675m
62	521030.6501m	3815199.1937m	1789.360m
63	521004.1522m	3815260.8849m	1789.787m
64	520948.7900m	3815324.2333m	1789.555m
9305	525138.8194m	3815755.5274m	1786.217m
9306	525124.0711m	3815585.8828m	1786.897m
9851	525141.4059m	3815066.0702m	1786.452m

Alignment Incremental Station Report			
Alignment Name: Bagrami Bridge to Binihesar Road Alignment			
Station Range: Start: 0+000.00, End: 7+500.00			
Station Increment: 20.00			
Station	Northing	Easting	Tangential Direction
0+000.00	3,815,256.9252m	521,002.9507m	S18° 06' 54"E
0+020.00	3,815,238.0141m	521,009.4401m	S23° 09' 54"E
0+040.00	3,815,220.9021m	521,019.6759m	S38° 10' 26"E
0+060.00	3,815,205.1793m	521,032.0369m	S38° 10' 26"E
0+080.00	3,815,189.5823m	521,044.5547m	S39° 51' 23"E
0+100.00	3,815,174.5088m	521,057.6973m	S42° 18' 52"E
0+120.00	3,815,160.0129m	521,071.4744m	S44° 46' 21"E
0+140.00	3,815,145.9420m	521,085.6873m	S45° 21' 27"E
0+160.00	3,815,131.8884m	521,099.9174m	S45° 21' 27"E
0+180.00	3,815,117.8348m	521,114.1476m	S45° 21' 27"E
0+200.00	3,815,106.2798m	521,130.1002m	S75° 34' 09"E
0+220.00	3,815,110.1581m	521,149.0308m	N54° 18' 28"E
0+240.00	3,815,122.0823m	521,165.0844m	N51° 38' 35"E
0+260.00	3,815,134.8673m	521,180.4631m	N49° 50' 52"E
0+280.00	3,815,147.7637m	521,195.7498m	N49° 50' 52"E
0+300.00	3,815,160.6601m	521,211.0364m	N49° 50' 52"E
0+320.00	3,815,173.7185m	521,226.1825m	N47° 25' 24"E
0+340.00	3,815,187.8486m	521,240.3285m	N42° 38' 28"E
0+360.00	3,815,202.0103m	521,254.2720m	N63° 55' 12"E
0+380.00	3,815,198.7064m	521,272.7943m	S54° 39' 47"E
0+400.00	3,815,187.1393m	521,289.1100m	S54° 41' 44"E
0+420.00	3,815,175.6254m	521,305.4633m	S55° 00' 29"E
0+440.00	3,815,164.1845m	521,321.8677m	S55° 07' 53"E
0+460.00	3,815,152.7505m	521,338.2770m	S55° 07' 53"E
0+480.00	3,815,141.3166m	521,354.6863m	S55° 07' 53"E
0+500.00	3,815,129.8837m	521,371.0963m	S55° 12' 17"E
0+520.00	3,815,118.5709m	521,387.5892m	S55° 54' 04"E
0+540.00	3,815,107.4116m	521,404.1865m	S56° 07' 08"E
0+560.00	3,815,096.2622m	521,420.7905m	S56° 07' 08"E
0+580.00	3,815,085.1129m	521,437.3944m	S56° 07' 08"E
0+600.00	3,815,073.8693m	521,453.9343m	S55° 10' 10"E
0+620.00	3,815,062.2511m	521,470.2132m	S53° 55' 11"E
0+640.00	3,815,050.4727m	521,486.3770m	S53° 55' 11"E
0+660.00	3,815,038.6943m	521,502.5408m	S53° 55' 11"E
0+680.00	3,815,027.0813m	521,518.8213m	S56° 33' 23"E
0+700.00	3,815,016.8768m	521,536.0149m	S60° 50' 38"E
0+720.00	3,815,007.3782m	521,553.6127m	S63° 31' 50"E
0+740.00	3,814,999.1796m	521,571.8493m	S68° 03' 19"E
0+760.00	3,814,991.9224m	521,590.4816m	S64° 27' 17"E
0+780.00	3,814,979.8585m	521,606.2542m	S40° 43' 23"E
0+800.00	3,814,964.3080m	521,618.8308m	S38° 53' 39"E
0+820.00	3,814,948.7418m	521,631.3885m	S38° 53' 39"E
0+840.00	3,814,938.2666m	521,647.3471m	N88° 51' 35"E
0+860.00	3,814,944.1803m	521,666.3827m	N70° 32' 50"E
0+880.00	3,814,948.3931m	521,685.7446m	S85° 57' 10"E
0+900.00	3,814,940.6477m	521,703.7798m	S47° 33' 52"E
0+920.00	3,814,926.7933m	521,718.2038m	S46° 07' 37"E
0+940.00	3,814,912.9857m	521,732.6721m	S47° 29' 14"E
0+960.00	3,814,900.0466m	521,747.9163m	S51° 51' 52"E
0+980.00	3,814,888.0575m	521,763.9234m	S53° 56' 49"E
1+000.00	3,814,876.5366m	521,780.2709m	S55° 42' 17"E
1+020.00	3,814,864.7384m	521,796.4133m	S51° 26' 38"E
1+040.00	3,814,851.8705m	521,811.7225m	S48° 44' 48"E
1+060.00	3,814,838.2194m	521,826.3347m	S45° 21' 12"E
1+080.00	3,814,825.4951m	521,841.7283m	S55° 41' 51"E

1+100.00	3,814,815.3260m	521,858.9408m	S59° 04' 19"E
1+120.00	3,814,804.1517m	521,875.5165m	S52° 57' 25"E
1+140.00	3,814,792.6777m	521,891.8804m	S59° 08' 58"E
1+160.00	3,814,783.8293m	521,909.7930m	S68° 16' 27"E
1+180.00	3,814,777.4692m	521,928.7382m	S76° 12' 33"E
1+200.00	3,814,774.6507m	521,948.5056m	S87° 31' 39"E
1+220.00	3,814,773.7879m	521,968.4870m	S87° 31' 39"E
1+240.00	3,814,773.6675m	521,988.4787m	N87° 26' 23"E
1+260.00	3,814,775.0102m	522,008.4331m	N85° 58' 08"E
1+280.00	3,814,774.3275m	522,028.3229m	S76° 56' 12"E
1+300.00	3,814,765.8642m	522,046.2781m	S52° 35' 21"E
1+320.00	3,814,752.4988m	522,061.1482m	S46° 09' 29"E
1+340.00	3,814,738.2330m	522,075.1616m	S42° 49' 09"E
1+360.00	3,814,723.4147m	522,088.5934m	S42° 06' 58"E
1+380.00	3,814,708.5789m	522,102.0061m	S42° 06' 58"E
1+400.00	3,814,693.7431m	522,115.4188m	S42° 06' 58"E
1+420.00	3,814,678.6249m	522,128.5062m	S38° 40' 48"E
1+440.00	3,814,662.5087m	522,140.3398m	S33° 53' 48"E
1+460.00	3,814,645.6338m	522,151.0731m	S32° 08' 01"E
1+480.00	3,814,628.6975m	522,161.7110m	S32° 08' 01"E
1+500.00	3,814,611.6772m	522,172.2126m	S30° 44' 52"E
1+520.00	3,814,594.3058m	522,182.1216m	S28° 39' 19"E
1+540.00	3,814,576.6014m	522,191.4235m	S27° 14' 13"E
1+560.00	3,814,558.8190m	522,200.5770m	S27° 14' 13"E
1+580.00	3,814,541.0365m	522,209.7304m	S27° 14' 13"E
1+600.00	3,814,523.3023m	522,218.9759m	S28° 21' 14"E
1+620.00	3,814,505.8825m	522,228.7916m	S30° 26' 50"E
1+640.00	3,814,488.7898m	522,239.1807m	S32° 40' 28"E
1+660.00	3,814,472.2208m	522,250.3790m	S34° 53' 08"E
1+680.00	3,814,455.8149m	522,261.8179m	S34° 53' 08"E
1+700.00	3,814,439.4090m	522,273.2567m	S34° 53' 08"E
1+720.00	3,814,423.0031m	522,284.6955m	S34° 53' 08"E
1+740.00	3,814,406.5972m	522,296.1343m	S34° 53' 08"E
1+760.00	3,814,390.1913m	522,307.5731m	S34° 53' 08"E
1+780.00	3,814,373.9525m	522,319.2414m	S38° 23' 58"E
1+800.00	3,814,359.1069m	522,332.6255m	S44° 26' 17"E
1+820.00	3,814,344.8256m	522,346.6271m	S44° 19' 50"E
1+840.00	3,814,330.4015m	522,360.4813m	S43° 37' 52"E
1+860.00	3,814,317.0631m	522,375.3093m	S56° 26' 55"E
1+880.00	3,814,306.0474m	522,392.0022m	S56° 34' 46"E
1+900.00	3,814,295.0318m	522,408.6953m	S56° 34' 46"E
1+920.00	3,814,284.0163m	522,425.3883m	S56° 34' 46"E
1+940.00	3,814,273.3615m	522,442.2797m	S70° 25' 41"E
1+960.00	3,814,278.0879m	522,460.9335m	N70° 34' 37"E
1+980.00	3,814,270.8131m	522,477.5869m	S23° 22' 55"E
2+000.00	3,814,251.9248m	522,484.1594m	S19° 04' 43"E
2+020.00	3,814,233.0235m	522,490.6970m	S19° 06' 49"E
2+040.00	3,814,214.1586m	522,497.3388m	S19° 33' 04"E
2+060.00	3,814,195.3117m	522,504.0318m	S19° 33' 04"E
2+080.00	3,814,176.4889m	522,510.7915m	S20° 17' 57"E
2+100.00	3,814,157.8162m	522,517.9545m	S21° 40' 29"E
2+120.00	3,814,139.2619m	522,525.4204m	S21° 56' 45"E
2+140.00	3,814,120.7178m	522,532.9114m	S22° 19' 46"E
2+160.00	3,814,102.3159m	522,540.7438m	S23° 46' 57"E
2+180.00	3,814,084.1184m	522,549.0403m	S25° 1

2+340.00	3,813,942.0322m	522,622.5120m	S30° 15' 59"E	3+580.00	3,814,139.7019m	523,685.6445m	N65° 47' 48"E	4+820.00	3,814,661.5335m	524,806.1578m	N53° 15' 24"E
2+360.00	3,813,924.7147m	522,632.5158m	S28° 25' 11"E	3+600.00	3,814,147.9014m	523,703.8865m	N65° 47' 48"E	4+840.00	3,814,673.4981m	524,822.1842m	N53° 15' 24"E
2+380.00	3,813,906.6056m	522,640.9772m	S21° 40' 08"E	3+620.00	3,814,156.0745m	523,722.1402m	N66° 03' 02"E	4+860.00	3,814,685.4627m	524,838.2107m	N53° 15' 24"E
2+400.00	3,813,888.0034m	522,648.3229m	S21° 32' 49"E	3+640.00	3,814,164.1331m	523,740.4448m	N66° 22' 11"E	4+880.00	3,814,697.4274m	524,854.2372m	N53° 15' 24"E
2+420.00	3,813,869.4333m	522,655.7469m	S23° 42' 49"E	3+660.00	3,814,172.1498m	523,758.7678m	N66° 22' 11"E	4+900.00	3,814,709.3920m	524,870.2636m	N53° 15' 24"E
2+440.00	3,813,851.8649m	522,665.2602m	S31° 59' 44"E	3+680.00	3,814,180.1589m	523,777.0941m	N66° 24' 20"E	4+920.00	3,814,721.3566m	524,886.2901m	N53° 15' 24"E
2+460.00	3,813,834.7468m	522,675.5974m	S29° 06' 06"E	3+700.00	3,814,188.1641m	523,795.4222m	N66° 24' 20"E	4+940.00	3,814,733.3212m	524,902.3166m	N53° 15' 24"E
2+480.00	3,813,816.8979m	522,684.6099m	S25° 20' 41"E	3+720.00	3,814,196.1660m	523,813.7428m	N66° 24' 20"E	4+960.00	3,814,745.2859m	524,918.3430m	N53° 15' 24"E
2+500.00	3,813,798.9498m	522,693.4325m	S27° 00' 32"E	3+740.00	3,814,204.0246m	523,832.1427m	N67° 20' 24"E	4+980.00	3,814,757.2505m	524,934.3695m	N53° 15' 24"E
2+520.00	3,813,781.2194m	522,702.6855m	S29° 44' 59"E	3+760.00	3,814,211.7282m	523,850.5996m	N67° 20' 43"E	5+000.00	3,814,769.1821m	524,950.4205m	N53° 37' 07"E
2+540.00	3,813,770.4519m	522,718.7059m	S82° 26' 23"E	3+780.00	3,814,219.4379m	523,869.0538m	N67° 14' 17"E	5+020.00	3,814,780.9669m	524,966.5796m	N54° 10' 28"E
2+560.00	3,813,774.9631m	522,737.9222m	N69° 10' 41"E	3+800.00	3,814,227.2239m	523,887.4761m	N66° 56' 25"E	5+040.00	3,814,792.6279m	524,982.8283m	N54° 22' 06"E
2+580.00	3,813,781.3508m	522,756.8668m	N74° 09' 01"E	3+820.00	3,814,235.1055m	523,905.8575m	N66° 38' 32"E	5+060.00	3,814,804.2794m	524,999.0839m	N54° 22' 06"E
2+600.00	3,813,785.8568m	522,776.3442m	N79° 47' 53"E	3+840.00	3,814,243.0827m	523,924.1978m	N66° 20' 39"E	5+080.00	3,814,815.9308m	525,015.3394m	N54° 22' 06"E
2+620.00	3,813,788.6500m	522,796.1452m	N83° 33' 32"E	3+860.00	3,814,251.1123m	523,942.5151m	N66° 19' 44"E	5+100.00	3,814,827.5822m	525,031.5950m	N54° 22' 06"E
2+640.00	3,813,790.2126m	522,816.0802m	N87° 26' 45"E	3+880.00	3,814,259.1315m	523,960.8370m	N66° 28' 41"E	5+120.00	3,814,839.2337m	525,047.8506m	N54° 22' 06"E
2+660.00	3,813,791.5598m	522,836.0287m	N83° 12' 44"E	3+900.00	3,814,267.0593m	523,979.1986m	N66° 49' 00"E	5+140.00	3,814,850.8851m	525,064.1062m	N54° 22' 06"E
2+680.00	3,813,795.1028m	522,855.7003m	N76° 22' 04"E	3+920.00	3,814,274.8784m	523,997.6068m	N67° 09' 18"E	5+160.00	3,814,863.7618m	525,079.3505m	N42° 39' 17"E
2+700.00	3,813,800.8470m	522,874.8500m	N72° 00' 55"E	3+940.00	3,814,282.6046m	524,016.0542m	N67° 18' 40"E	5+180.00	3,814,879.8813m	525,091.1365m	N31° 17' 47"E
2+720.00	3,813,806.2162m	522,894.1107m	N75° 52' 43"E	3+960.00	3,814,290.3192m	524,034.5064m	N67° 18' 40"E	5+200.00	3,814,897.8164m	525,099.9252m	N20° 54' 58"E
2+740.00	3,813,811.0958m	522,913.5063m	N75° 52' 43"E	3+980.00	3,814,298.0338m	524,052.9586m	N67° 18' 40"E	5+220.00	3,814,917.0303m	525,105.3920m	N12° 20' 23"E
2+760.00	3,813,815.9957m	522,932.8967m	N75° 00' 11"E	4+000.00	3,814,305.7484m	524,071.4109m	N67° 18' 40"E	5+240.00	3,814,936.5683m	525,109.6661m	N12° 20' 23"E
2+780.00	3,813,822.2307m	522,951.8893m	N68° 55' 48"E	4+020.00	3,814,313.4630m	524,089.8631m	N67° 18' 40"E	5+260.00	3,814,956.1063m	525,113.9402m	N12° 20' 23"E
2+800.00	3,813,829.4209m	522,970.5521m	N68° 55' 48"E	4+040.00	3,814,321.1775m	524,108.3154m	N67° 18' 40"E	5+280.00	3,814,975.6442m	525,118.2143m	N12° 20' 23"E
2+820.00	3,813,836.6110m	522,989.2149m	N68° 55' 48"E	4+060.00	3,814,328.8921m	524,126.7676m	N67° 18' 40"E	5+300.00	3,814,995.1822m	525,122.4885m	N12° 20' 23"E
2+840.00	3,813,843.8012m	523,007.8778m	N68° 55' 48"E	4+080.00	3,814,336.6067m	524,145.2198m	N67° 18' 40"E	5+320.00	3,815,014.7202m	525,126.7626m	N12° 20' 23"E
2+860.00	3,813,850.7206m	523,026.6411m	N71° 05' 50"E	4+100.00	3,814,344.3213m	524,163.6721m	N67° 18' 40"E	5+340.00	3,815,034.2581m	525,131.0367m	N12° 20' 23"E
2+880.00	3,813,856.7286m	523,045.7152m	N73° 56' 07"E	4+120.00	3,814,352.0359m	524,182.1243m	N67° 18' 40"E	5+360.00	3,815,053.7961m	525,135.3108m	N12° 20' 23"E
2+900.00	3,813,862.1485m	523,064.9656m	N72° 45' 58"E	4+140.00	3,814,359.7505m	524,200.5766m	N67° 18' 40"E	5+380.00	3,815,073.3340m	525,139.5849m	N12° 20' 23"E
2+920.00	3,813,868.8838m	523,083.7909m	N67° 51' 42"E	4+160.00	3,814,367.4651m	524,219.0288m	N67° 18' 40"E	5+400.00	3,815,092.8720m	525,143.8590m	N12° 20' 23"E
2+940.00	3,813,877.0389m	523,102.0502m	N65° 13' 26"E	4+180.00	3,814,375.1796m	524,237.4810m	N67° 18' 40"E	5+420.00	3,815,112.4100m	525,148.1331m	N12° 20' 23"E
2+960.00	3,813,885.4204m	523,120.2093m	N65° 13' 26"E	4+200.00	3,814,382.8942m	524,255.9333m	N67° 18' 40"E	5+440.00	3,815,131.9479m	525,152.4072m	N12° 20' 23"E
2+980.00	3,813,893.8018m	523,138.3683m	N65° 13' 26"E	4+220.00	3,814,390.6088m	524,274.3855m	N67° 18' 40"E	5+460.00	3,815,151.4859m	525,156.6813m	N12° 20' 23"E
3+000.00	3,813,902.1833m	523,156.5274m	N65° 13' 26"E	4+240.00	3,814,398.3234m	524,292.8378m	N67° 18' 40"E	5+480.00	3,815,171.0239m	525,160.9554m	N12° 20' 23"E
3+020.00	3,813,910.5648m	523,174.6864m	N65° 13' 26"E	4+260.00	3,814,406.0380m	524,311.2900m	N67° 18' 40"E	5+500.00	3,815,190.5618m	525,165.2295m	N12° 20' 23"E
3+040.00	3,813,918.9463m	523,192.8454m	N65° 13' 26"E	4+280.00	3,814,413.7526m	524,329.7422m	N67° 18' 40"E	5+520.00	3,815,210.0873m	525,169.5595m	N13° 02' 31"E
3+060.00	3,813,927.3277m	523,211.0045m	N65° 13' 26"E	4+300.00	3,814,421.4694m	524,348.1935m	N67° 15' 03"E	5+540.00	3,815,229.5099m	525,174.3280m	N14° 32' 47"E
3+080.00	3,813,935.7092m	523,229.1635m	N65° 13' 26"E	4+320.00	3,814,429.2449m	524,366.6202m	N66° 59' 33"E	5+560.00	3,815,248.8160m	525,179.5492m	N16° 05' 15"E
3+100.00	3,813,944.0907m	523,247.3226m	N65° 13' 26"E	4+340.00	3,814,437.0710m	524,385.0254m	N66° 57' 45"E	5+580.00	3,815,267.8608m	525,185.6468m	N19° 24' 41"E
3+120.00	3,813,952.4722m	523,265.4816m	N65° 13' 26"E	4+360.00	3,814,444.8977m	524,403.4304m	N66° 57' 45"E	5+600.00	3,815,287.1886m	525,190.4754m	N4° 10' 18"E
3+140.00	3,813,960.8536m	523,283.6407m	N65° 13' 26"E	4+380.00	3,814,452.6737m	524,421.8567m	N67° 30' 02"E	5+620.00	3,815,306.9388m	525,188.1880m	N17° 23' 03"W
3+160.00	3,813,969.2351m	523,301.7997m	N65° 13' 26"E	4+400.00	3,814,460.1786m	524,440.3950m	N68° 25' 11"E	5+640.00	3,815,325.8281m	525,181.6173m	N19° 41' 49"W
3+180.00	3,813,977.5937m	523,319.9693m	N65° 31' 29"E	4+420.00	3,814,467.4634m	524,459.0211m	N68° 40' 28"E	5+660.00	3,815,344.6015m	525,174.7215m	N20° 38' 29"W
3+200.00	3,813,985.7798m	523,338.2171m	N66° 09' 08"E	4+440.00	3,814,474.8137m	524,477.6213m	N68° 00' 43"E	5+680.00	3,815,363.2695m	525,167.5451m	N21° 11' 00"W
3+220.00	3,813,993.8345m	523,356.5234m	N66° 15' 36"E	4+460.00	3,814,482.4514m	524,496.1052m	N67° 05' 11"E	5+700.00	3,815,381.9323m	525,160.3548m	N20° 50' 18"W
3+240.00	3,814,001.8862m	523,374.8311m	N66° 15' 36"E	4+480.00	3,814,490.3864m	524,514.4635m	N66° 12' 03"E	5+720.00	3,815,400.6565m	525,153.3262m	N20° 18' 41"W
3+260.00	3,814,009.9349m	523,393.1401m	N66° 16' 29"E	4+500.00	3,814,498.4570m	524,532.7628m	N66° 12' 03"E	5+740.00	3,815,419.4036m	525,146.3595m	N21° 06' 45"W
3+280.00	3,814,017.9819m	523,411.4498m	N66° 16' 29"E	4+520.00	3,814,506.4942m	524,551.0768m	N66° 31' 16"E	5+760.00	3,815,437.9218m	525,138.8077m	N23° 15' 33"W
3+300.00	3,814,026.0289m	523,429.7595m	N66° 16' 29"E	4+540.00	3,814,514.3839m	524,569.4548m	N67° 00' 40"E	5+780.00	3,815,456.3899m	525,131.1498m	N18° 57' 43"W
3+320.00	3,814,034.0759m	523,448.0692m	N66° 16' 29"E	4+560.00	3,814,522.1499m	524,587.8855m	N67° 10' 49"E	5+800.00	3,815,475.7564m	525,126.2491m	N9° 26' 22"W
3+340.00	3,814,042.1229m	523,466.3789m	N66° 16' 29"E	4+580.00	3,814,529.9235m	524,606.3129m	N66° 43' 44"E	5+820.00	3,815,495.6668m	525,124.6135m	N0° 30' 20"W
3+360.00	3,814,050.1699m	523,484.6887m	N66° 16' 29"E	4+600.00	3,814,538.1338m	524,624.5489m	N64° 47' 40"E	5+840.00	3,815,515.6660m	525,124.4370m	N0° 30' 20"W
3+380.00	3,814,058.2169m	523,502.9984m	N66° 16' 29"E	4+620.00	3,814,546.9550m	524,642.4974m	N62° 51' 36"E	5+860.00	3,815,535.6645m	525,124.5722m	N1° 26' 09"E
3+400.00	3,814,066.2639m	523,521.3081m	N66° 16' 29"E	4+640.00	3,814,556.4095m	524,660.1194m	N59° 58' 22"E	5+880.00	3,815,555.6445m	525,125.4415m	N3° 32' 48"E
3+420.00	3,814,074.3109m	523,539.6178m	N66° 16' 29"E	4+660.00	3,814,567.1274m	524,676.9982m	N55° 13' 59"E	5+900.00	3,815,575.6003m	525,126.7694m	N3° 42' 12"E
3+440.00	3,814,082.3596m	523,557.9268m	N66° 12' 14"E	4+680.00	3,814,578.5322m	524,693.4278m	N55° 13' 59"E	5+920.00	3,815,595.5618m	525,128.0101m	N3° 24' 37"E
3+460.00	3,814,090.5050m	523,576.1929m	N65° 47' 48"E	4+700.00	3,814,589.9726m	524,709.8324m	N54° 40' 32"E	5+940.00	3,815,615.5293m	525,129.1487m	N3° 07' 01"E
3+480.00	3,814,098.7045m	523,594.4348m	N65° 47' 48"E	4+720.00	3,814,601.7136m	524,726.0230m	N53° 25' 38"E	5+960.00	3,815,635.5024m	525,130.1851m	N2° 49' 26"E
3+500.00	3,814,106.9040m	523,612.6768m	N65° 47' 48"E	4+740.00	3,814,613.6750m	524,742.0519m	N53° 15' 24"E	5+980.00	3,815,655.4804m	525,131.1236m	N2° 36' 58"E
3+520.00	3,814,115.1035m	523,630.9187m	N65° 47' 48"E	4+760.00	3,814,625.6396m	524,758.0783m	N53° 15' 24"E	6+000.00	3,815,675.4595m	525,132.0365m	N2° 36' 58"E
3+5											

6+060.00	3,815,735.3865m	525,134.9957m	N2° 51' 16"E	7+300.00	3,816,911.0516m	525,435.4749m	N0° 01' 00"W
6+080.00	3,815,755.3617m	525,135.9917m	N2° 51' 16"E	7+320.00	3,816,931.0516m	525,435.4691m	N0° 01' 00"W
6+100.00	3,815,775.3368m	525,136.9876m	N2° 51' 16"E	7+340.00	3,816,951.0516m	525,435.4633m	N0° 01' 00"W
6+120.00	3,815,795.3120m	525,137.9836m	N2° 51' 16"E	7+360.00	3,816,971.0516m	525,435.4574m	N0° 01' 00"W
6+140.00	3,815,815.2872m	525,138.9795m	N2° 51' 16"E	7+380.00	3,816,991.0516m	525,435.4516m	N0° 01' 00"W
6+160.00	3,815,835.2624m	525,139.9755m	N2° 51' 16"E	7+400.00	3,817,011.0511m	525,435.3626m	N0° 50' 31"W
6+180.00	3,815,855.2356m	525,141.0095m	N3° 10' 47"E	7+420.00	3,817,031.0432m	525,434.8194m	N2° 16' 16"W
6+200.00	3,815,875.1999m	525,142.2034m	N3° 39' 54"E	7+440.00	3,817,051.0156m	525,433.7776m	N3° 42' 02"W
6+220.00	3,815,895.1557m	525,143.5320m	N3° 50' 27"E	7+460.00	3,817,070.9612m	525,432.3065m	N4° 22' 45"W
6+240.00	3,815,915.1108m	525,144.8717m	N3° 50' 27"E	7+480.00	3,817,090.9029m	525,430.7794m	N4° 22' 45"W
6+260.00	3,815,935.0659m	525,146.2114m	N3° 50' 27"E	7+500.00	3,817,110.8443m	525,429.2522m	N4° 22' 45"W
6+280.00	3,815,955.0209m	525,147.5510m	N3° 50' 27"E				
6+300.00	3,815,974.9737m	525,148.9239m	N4° 07' 31"E				
6+320.00	3,815,994.9164m	525,150.4367m	N4° 33' 02"E				
6+340.00	3,816,014.8483m	525,152.0855m	N4° 48' 19"E				
6+360.00	3,816,034.7780m	525,153.7609m	N4° 48' 19"E				
6+380.00	3,816,054.7077m	525,155.4363m	N4° 48' 19"E				
6+400.00	3,816,074.6397m	525,157.0829m	N4° 13' 21"E				
6+420.00	3,816,094.5908m	525,158.4803m	N3° 59' 38"E				
6+440.00	3,816,114.5423m	525,159.8733m	N3° 59' 38"E				
6+460.00	3,816,134.4937m	525,161.2663m	N3° 59' 38"E				
6+480.00	3,816,154.4446m	525,162.6673m	N4° 10' 53"E				
6+500.00	3,816,174.3869m	525,164.1843m	N4° 22' 28"E				
6+520.00	3,816,194.3287m	525,165.7098m	N4° 22' 28"E				
6+540.00	3,816,214.2704m	525,167.2353m	N4° 22' 28"E				
6+560.00	3,816,234.2122m	525,168.7608m	N4° 22' 28"E				
6+580.00	3,816,254.1539m	525,170.2863m	N4° 22' 28"E				
6+600.00	3,816,274.0956m	525,171.8119m	N4° 22' 28"E				
6+620.00	3,816,294.0374m	525,173.3374m	N4° 22' 28"E				
6+640.00	3,816,313.9791m	525,174.8629m	N4° 22' 28"E				
6+660.00	3,816,333.9394m	525,176.0143m	N3° 59' 00"E				
6+680.00	3,816,353.5089m	525,179.8797m	N18° 21' 48"E				
6+700.00	3,816,371.5538m	525,188.4030m	N29° 57' 12"E				
6+720.00	3,816,388.8824m	525,198.3889m	N29° 57' 12"E				
6+740.00	3,816,406.2111m	525,208.3748m	N29° 57' 12"E				
6+760.00	3,816,423.5686m	525,218.3101m	N29° 21' 21"E				
6+780.00	3,816,441.0909m	525,227.9516m	N28° 17' 13"E				
6+800.00	3,816,458.7291m	525,237.3799m	N28° 06' 44"E				
6+820.00	3,816,476.3696m	525,246.8039m	N28° 06' 44"E				
6+840.00	3,816,494.0101m	525,256.2279m	N28° 06' 44"E				
6+860.00	3,816,511.6507m	525,265.6519m	N28° 06' 44"E				
6+880.00	3,816,529.2912m	525,275.0759m	N28° 06' 44"E				
6+900.00	3,816,546.9317m	525,284.4999m	N28° 06' 44"E				
6+920.00	3,816,564.2875m	525,294.4311m	N31° 42' 59"E				
6+940.00	3,816,580.9301m	525,305.5157m	N35° 36' 49"E				
6+960.00	3,816,596.9728m	525,317.4580m	N36° 51' 55"E				
6+980.00	3,816,613.0282m	525,329.3822m	N34° 50' 46"E				
7+000.00	3,816,630.1602m	525,339.6727m	N27° 08' 12"E				
7+020.00	3,816,648.5177m	525,347.5718m	N19° 25' 38"E				
7+040.00	3,816,667.7370m	525,353.0717m	N14° 11' 29"E				
7+060.00	3,816,686.9857m	525,358.4860m	N17° 51' 50"E				
7+080.00	3,816,705.7649m	525,365.3521m	N22° 18' 13"E				
7+100.00	3,816,723.9562m	525,373.6514m	N26° 44' 36"E				
7+120.00	3,816,741.7568m	525,382.7693m	N27° 08' 26"E				
7+140.00	3,816,759.5546m	525,391.8928m	N27° 08' 26"E				
7+160.00	3,816,777.3524m	525,401.0163m	N27° 08' 26"E				
7+180.00	3,816,795.1502m	525,410.1397m	N27° 08' 26"E				
7+200.00	3,816,813.2691m	525,418.5925m	N22° 27' 27"E				
7+220.00	3,816,832.0704m	525,425.3926m	N17° 18' 40"E				
7+240.00	3,816,851.4059m	525,430.4788m	N12° 09' 53"E				
7+260.00	3,816,871.1197m	525,433.8102m	N7° 01' 06"E				
7+280.00	3,816,891.0529m	525,435.3598m	N1° 52' 20"E				

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



Date	Revision Details	Drawn	Chkd.	Appr.

ISLAMIC EMIRATE OF
AFGHANISTAN

Designed by:
 KABUL MUNICIPALITY
DESIGN TEAM

Project Name:
Construction of road from Bagrami bridge
to near of the Bene Hesar

Drawing Title:
BENCH MARKS
&
STAKEOUT REPORT

Drawn:	Signature:
Matiullah Hussainzai	
Designed:	Signature
Matiullah Hussainzai	
Checked:	Signature
Hasibullah Shalizi	

Date: 11/08/1445 Scale:

Status: FINAL
DESIGN

Project Code:

SHEET	PAGE NO	REVISION
BM & SR-03 OF 03	115 OF 115	01