

PLAN (12)

Ms. Spot Type Box Culvert
C100(1235)
for inspection



Catch Basin B900-L900-H600
U-Ditch with Cover
B300-H300 L=48.80
U-Ditch-B560-H400 L=136.00
Catch Basin B900-L900-H600
U-Ditch with Cover
B300-H300 L=42.00
U-Ditch-B560-H400 L=76.10
Catch Basin B900-L900-H600
U-Ditch with Cover
B300-H300 L=62.40
U-Ditch with Cover
B300-H300 L=97.00

Kerb Stone
L=72.20

Kerb Stone
L=136.00

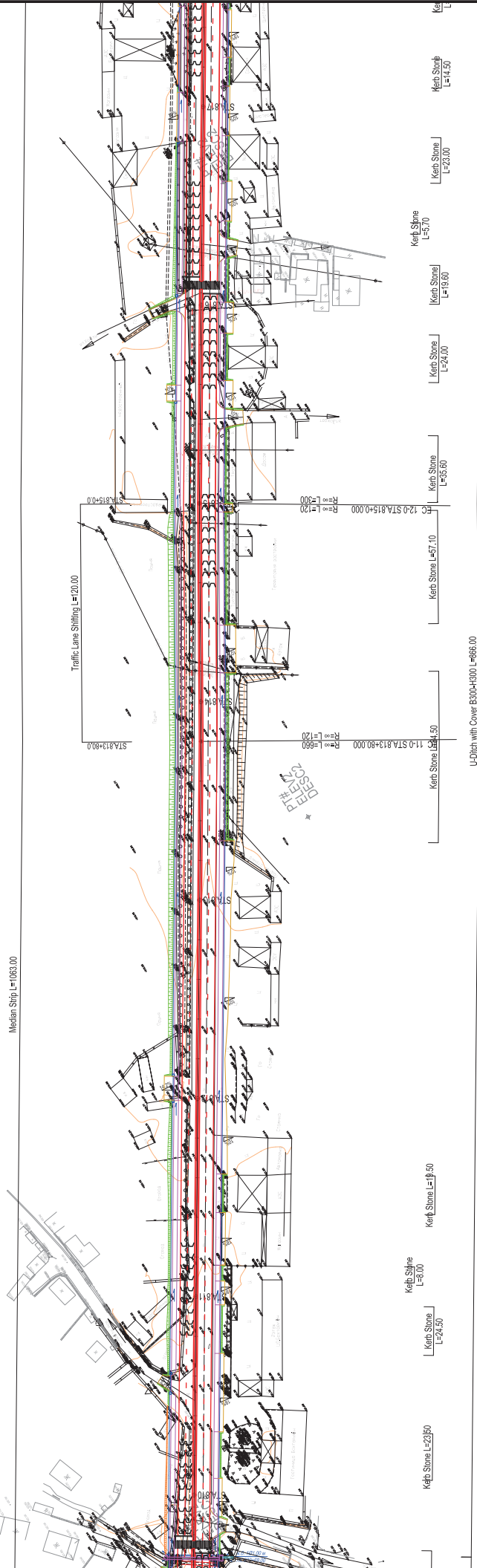
Kerb Stone
L=40.50

Kerb Stone
L=54.40

Kerb Stone
L=70.50

Kerb Stone
L=43.50

Median Strip L=1063.00



U-Ditch with Cover B300-H300 L=666.00

Kerb Stone
L=11.50

Kerb Stone
L=24.50

Kerb Stone
L=23.50

Kerb Stone
L=45.60

Kerb Stone
L=24.00

Kerb Stone
L=19.60

Kerb Stone
L=23.00

Kerb Stone
L=14.50

Kerb Stone
L=43.50

NOTE: ALL DIMENSIONS ARE IN METER, UNLESS OTHERWISE MENTIONED.

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	TITLE: PLAN (12)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO. PL-12	SHEET NO. 12/13

STA. 822+10.799



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CITI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: PLAN (13)							
			CHECKED	APPROVED	SCALE (A1 SIZE)	DATE	DRAWING NO.	SHEET NO.		
					1:1000		PL-13	13/13		

PROFILE (1)



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DL=410.00

DL=405.00

DL=400.00

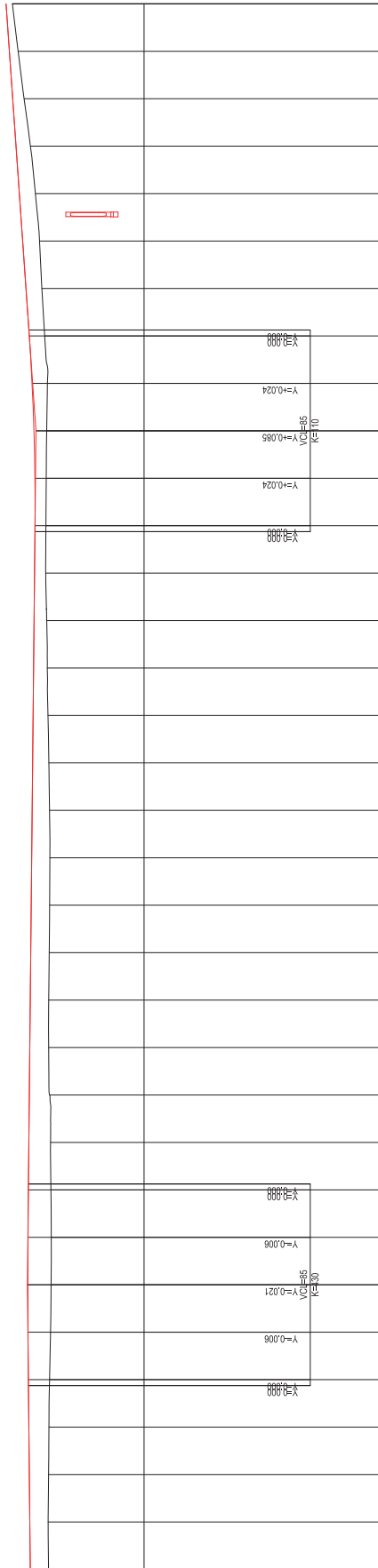
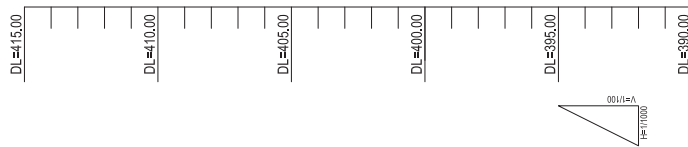
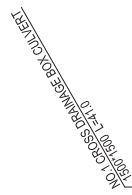
DL=395.00



DL=390.00

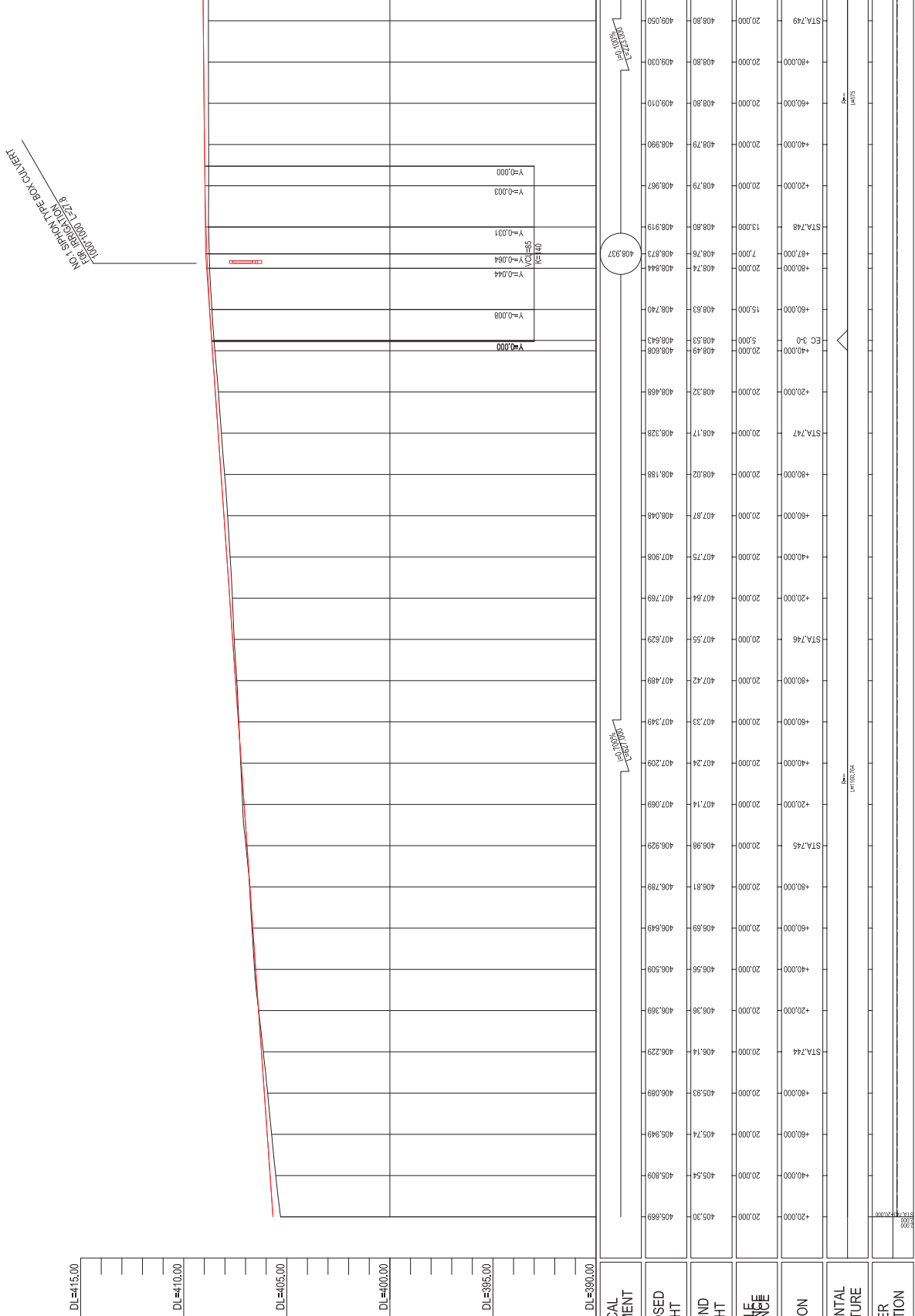
VERTICAL ALIGNMENT	0+000.00 0+000.00																															
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PROFILE (2)

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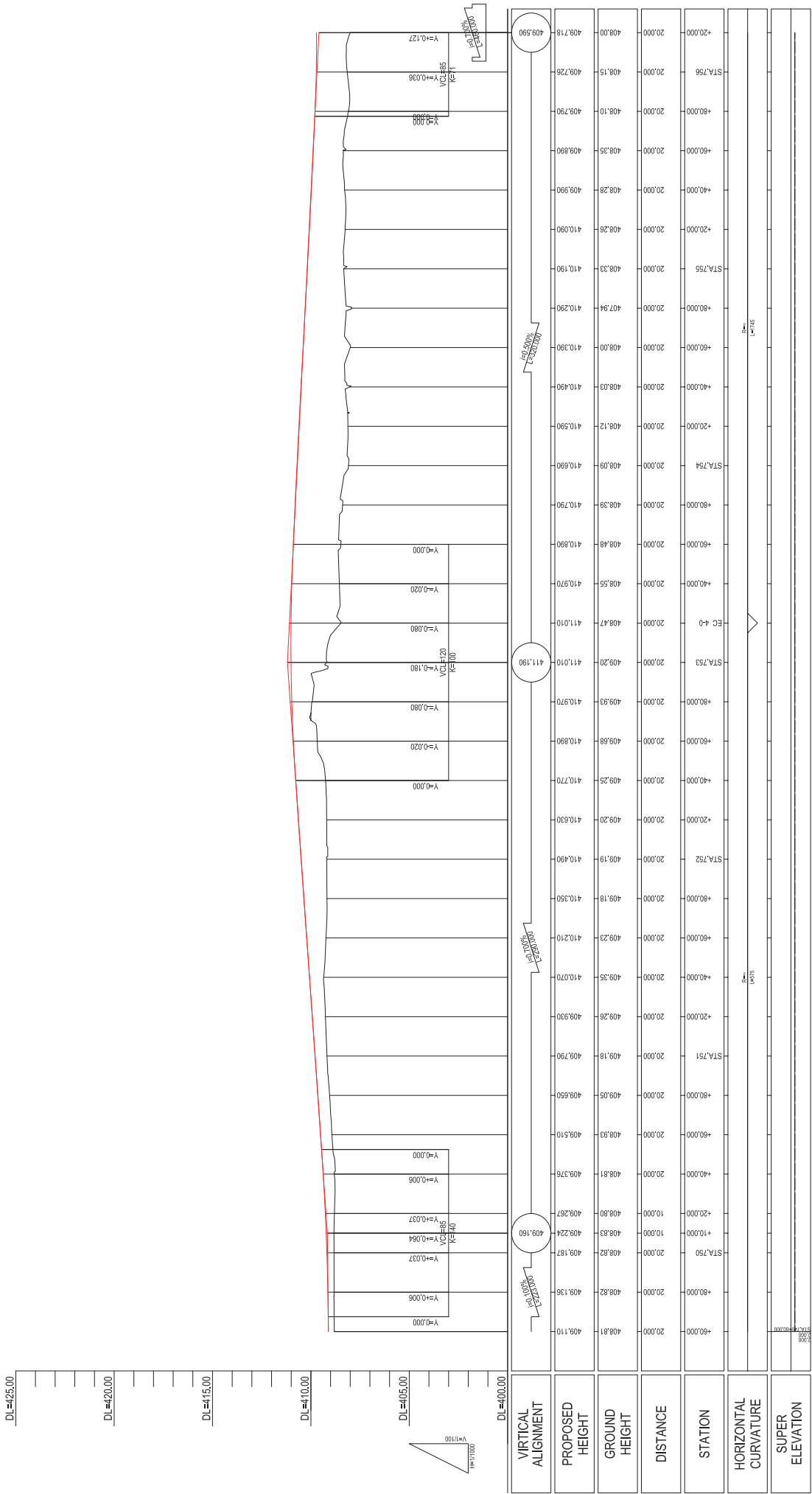
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KEZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: PROFILE (2)	CHECKED	APPROVED	SCALE (A1 SIZE) H=1/1000 V=1/100	DATE	DRAWING NO. PR-02	SHEET NO. 2/15
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PROFILE (3)



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN		JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.		PROFILE (3)			DRAWING NO. PR-03	DATE	SCALE (A1 SIZE) H=1/1000 V=1/100	SHEET NO. 3/15

PROFILE (4)



PROFILE (5)



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: PROFILE (5)					
			CHECKED	APPROVED	SCALE (A1 SIZE) H=1/1000 V=1/100	DATE	DRAWING NO.	SHEET NO.
						PR-05 5/15		

Appendix 9 - 21



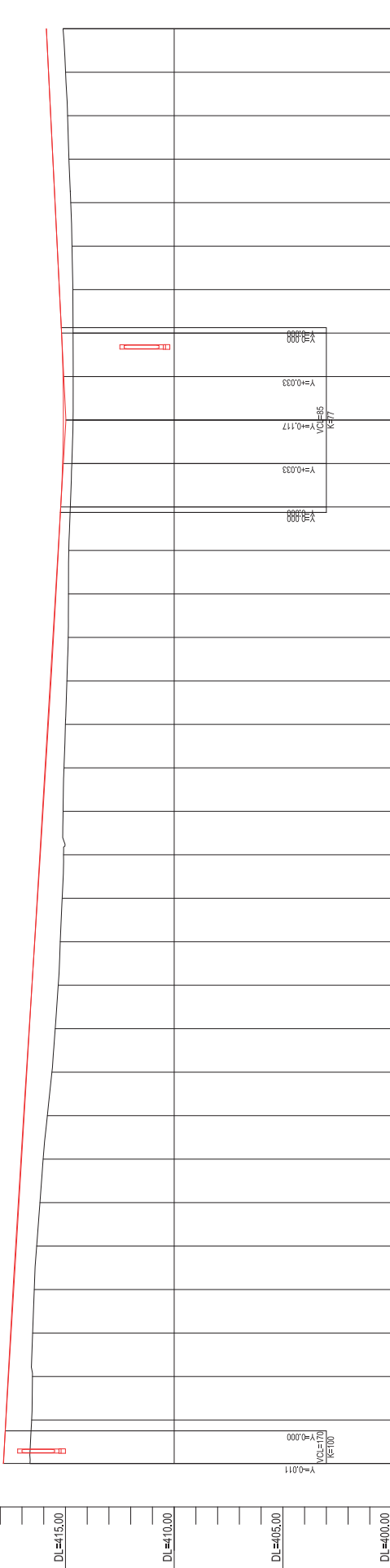
PROFILE (7)



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PROFILE (8)

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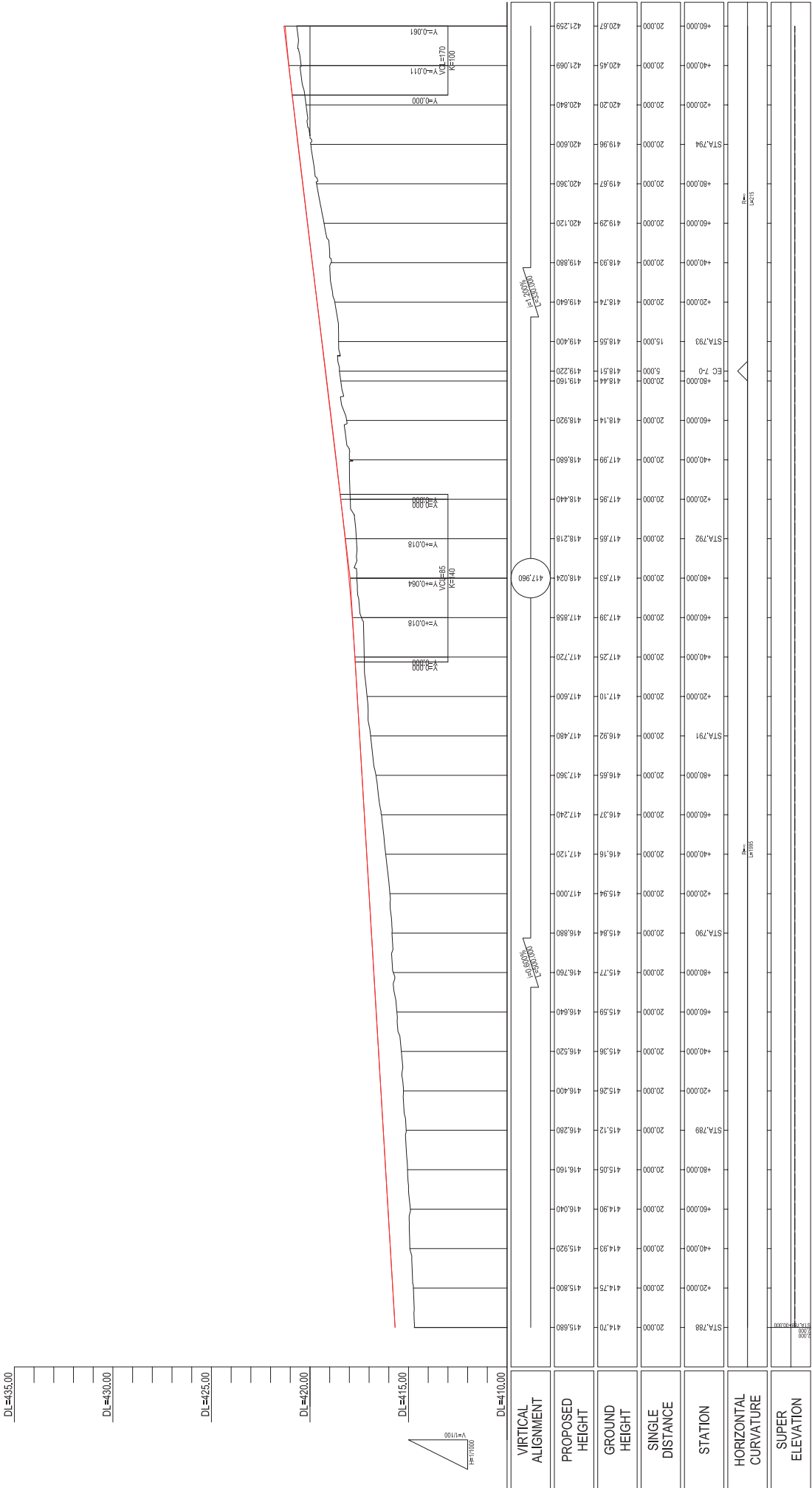
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: PROFILE (8)	CHECKED	APPROVED	SCALE (A1 SIZE) H=1/1000 V=1/100	DATE	DRAWING NO. PR-08	SHEET NO. 8/15
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PROFILE (9)

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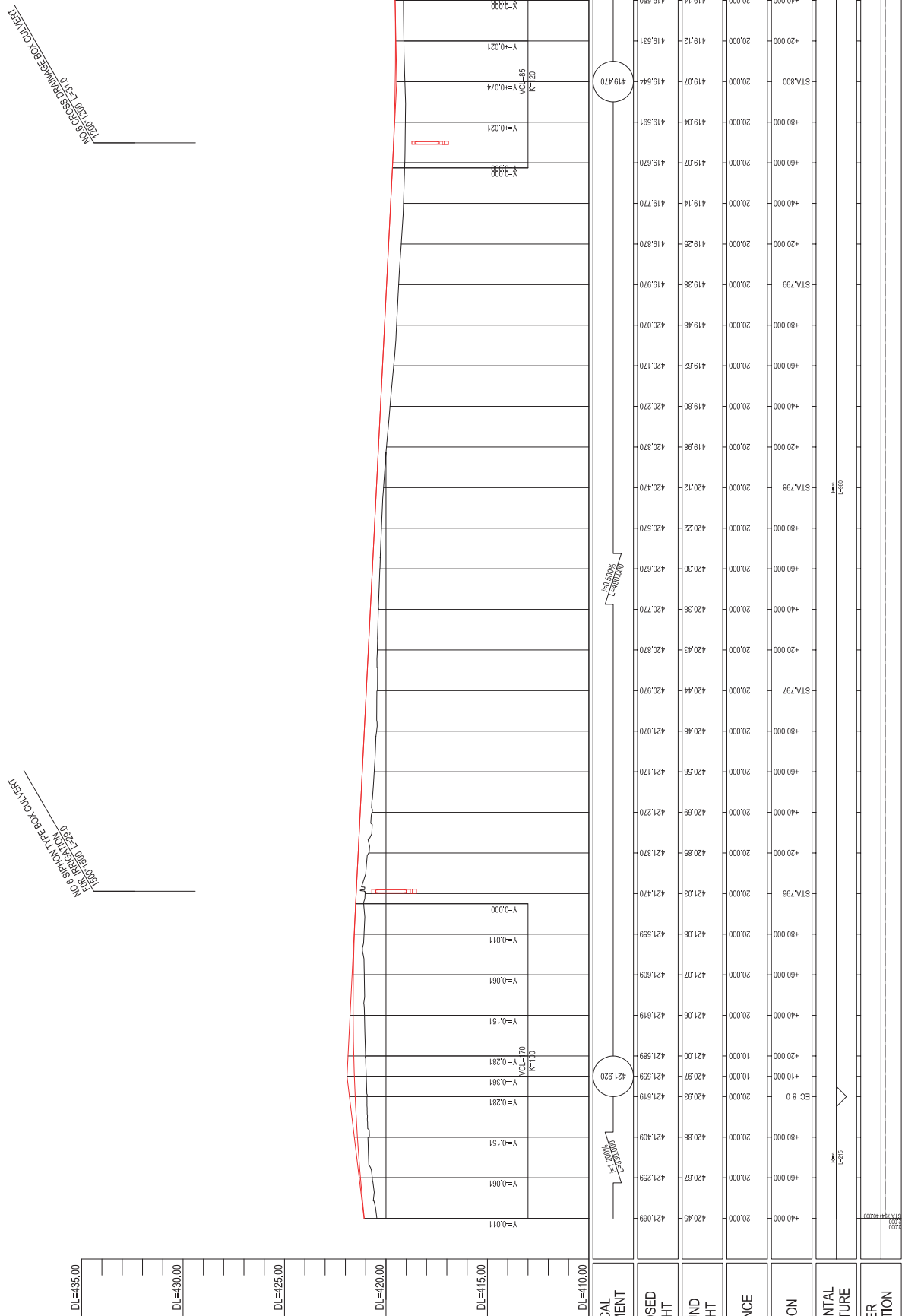
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: PROFILE (9)	CHECKED	APPROVED	SCALE (A1 SIZE) H=1/1000 V=1/100	DATE	DRAWING NO. PR-09	SHEET NO. 9/15
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PROFILE (10)



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN		TITLE: PROFILE (10)		DRAWING NO. PR-10		SHEET NO. 10/15

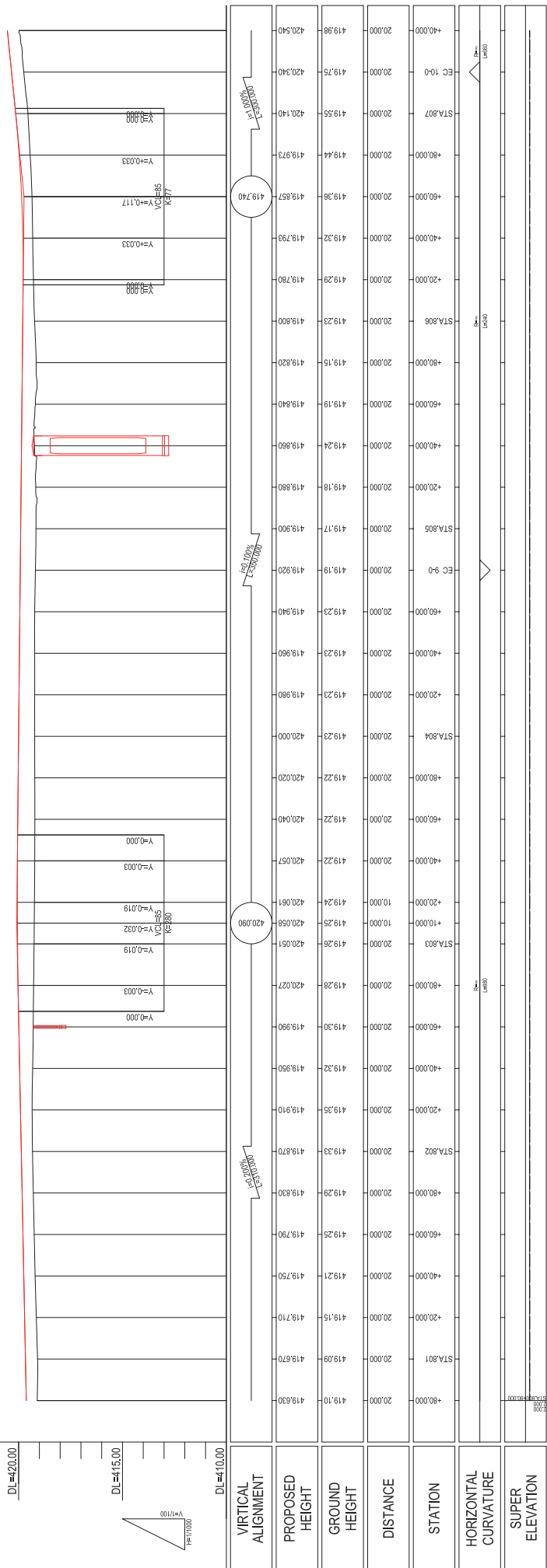
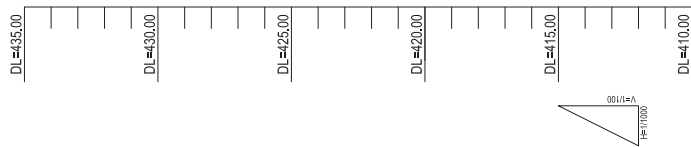
PROFILE (11)



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CITI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: PROFILE (11)	CHECKED	APPROVED	SCALE (A1 SIZE) H=1/1000 V=1/100	DATE	DRAWING NO. PR-11	SHEET NO. 11/15

NO. 7 SIPHON TYPE BOX CULVERT
FOR IRRIGATION
1000'x1000 L-43.5

NO. 16 BOX CULVERT
B7.8-H4.6 L=46.0



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KEZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: PROFILE (12)	CHECKED	APPROVED	SCALE (A1 SIZE) H=1/1000 V=1/100	DATE	DRAWING NO. PR-12	SHEET NO. 12/15
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PROFILE (13)

NO. 8 SPION TYPE BOX CULVERT
1000/1000 L=28.5
THE PREPARATION

DL=435.00

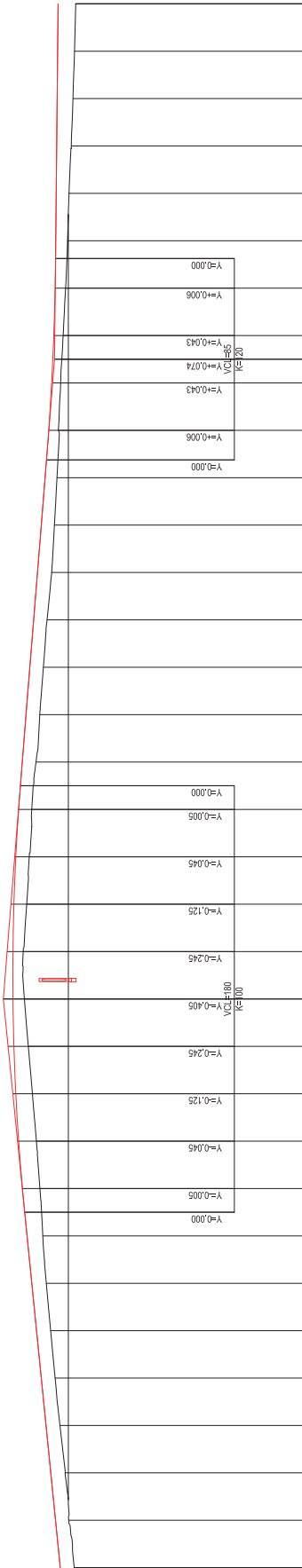
DL=430.00

DL=425.00

DL=420.00

DL=415.00

DL=410.00



VERTICAL ALIGNMENT	420.340	420.540	420.740	420.940	421.140	421.340	421.540	421.740	421.935	422.095	422.215	422.295	421.89	422.295	422.335	421.90	421.75	422.295	421.85	422.335	422.740	421.85	422.295	421.89	422.215	422.295	421.54	421.89	421.940	421.780	421.620	420.90	421.300	421.140	420.980	420.826	420.703	420.654	420.613	420.556	420.470	420.490	420.490	420.470	420.450	420.430				
PROPOSED HEIGHT																																																		
GROUND HEIGHT	419.79	420.540	420.13	420.940	421.140	421.340	421.540	421.740	421.935	422.095	422.215	422.295	421.89	422.295	422.335	421.90	421.75	422.295	421.85	422.335	422.740	421.85	422.295	421.89	422.215	422.295	421.54	421.89	421.940	421.780	421.620	420.90	421.300	421.140	420.980	420.826	420.703	420.654	420.613	420.556	420.470	420.490	420.490	420.470	420.450	420.430				
DISTANCE	0.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000			
STATION	EC 10+0	419.79	420.540	420.13	420.740	421.140	421.340	421.540	421.740	421.935	422.095	422.215	422.295	421.89	422.295	422.335	421.90	421.75	422.295	421.85	422.335	422.740	421.85	422.295	421.89	422.215	422.295	421.54	421.89	421.940	421.780	421.620	420.90	421.300	421.140	420.980	420.826	420.703	420.654	420.613	420.556	420.470	420.490	420.490	420.470	420.450	420.430			
STA.812																																																		
STA.813																																																		
EC 11+0																																																		
HORIZONTAL CURVATURE																																																		
SUPER ELEVATION																																																		

PROFILE (14)

NO.7 CROSS DRAINAGE BOX (CULVERT)
1000*1000 L*31.6

DL=435.00

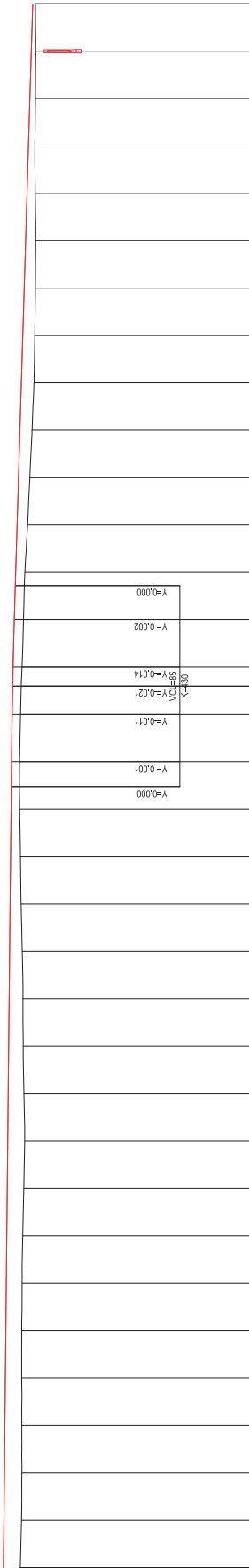
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DL=425.00

DL=420.00

DL=415.00

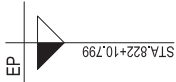
DL=410.00



VERTICAL ALIGNMENT	+40.00% -3.00% +2.00%									
	419.213	419.273	419.333	419.383	419.453	419.513	419.573	419.633	419.753	419.813
PROPOSED HEIGHT	419.10	419.273	419.333	419.383	419.453	419.513	419.573	419.633	419.753	419.813
GROUND HEIGHT	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000
DISTANCE	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000
STATION	+20.000	STA.820	+80.000	EC 14-0	+40.000	+20.000	STA.819	+80.000	+40.000	+20.000
HORIZONTAL CURVATURE	Sta. 820/700 Sta. 819/000 EC 13-0 Sta. 817 Sta. 816 EC 12-0 Sta. 814 EC 11-0 Sta. 813									
SUPER ELEVATION	Sta. 813/000 Sta. 814/000 Sta. 815/000 Sta. 816/000 Sta. 817/000 Sta. 818/000 Sta. 819/000 Sta. 820/700									

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: <			
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PROFILE (15)



NO.7 CROSS DRAINAGE BOX CULVERT
100+710.00 L=21.8

NO.8 CROSS DRAINAGE BOX CULVERT
100+700.00 L=29.8

DL=+435.00

DL=+430.00

DL=+425.00

DL=+420.00

DL=+415.00



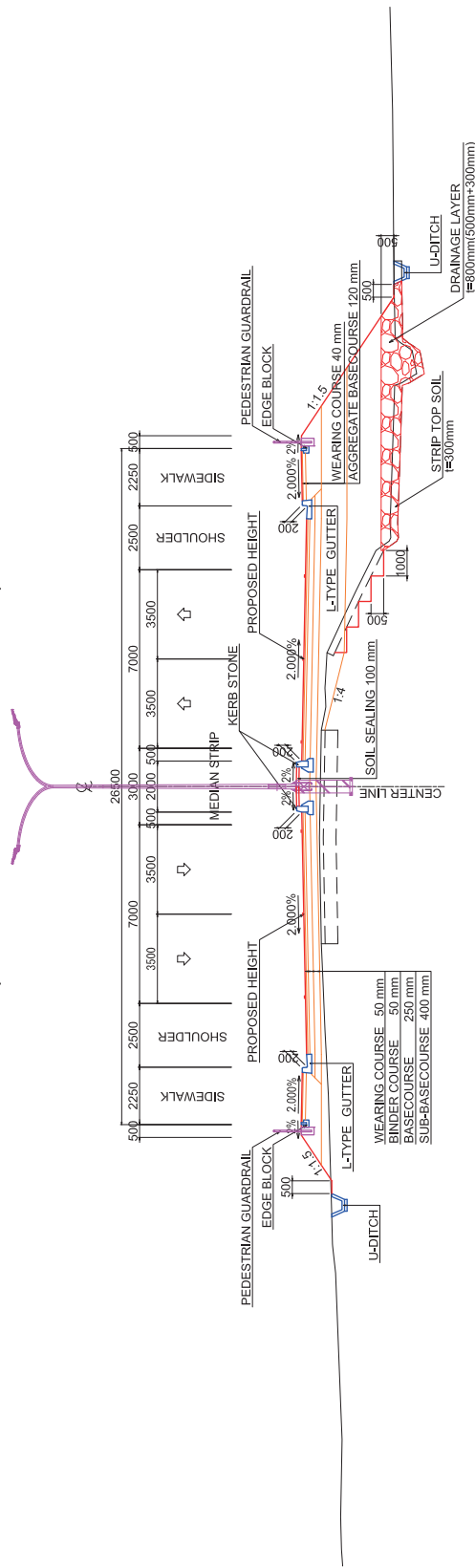
419.413	419.354	419.259	419.184	419.129	419.101	419.094	419.079	419.084	419.109	419.154	419.213	419.273
Y=+0.000	Y=+0.006	Y=+0.031	Y=+0.076	Y=+0.141	Y=+0.203	Y=+0.181	Y=+0.106	Y=+0.051	Y=+0.016	Y=+0.001	Y=0.000	

VERTICAL ALIGNMENT	419.413	419.354	419.259	419.184	419.129	419.101	419.094	419.079	419.084	419.109	419.154	419.213	419.273
PROPOSED HEIGHT	419.413	419.354	419.259	419.184	419.129	419.101	419.094	419.079	419.084	419.109	419.154	419.213	419.273
GROUND HEIGHT	419.413	419.354	419.259	419.184	419.129	419.101	419.094	419.079	419.084	419.109	419.154	419.213	419.273
DISTANCE	10.799	20.000	20.000	20.000	15.000	5.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000
STATION	STA.822	STA.822	STA.822	STA.822	STA.822	STA.822	STA.822	STA.822	STA.822	STA.822	STA.822	STA.822	STA.822
HORIZONTAL CURVATURE	EP	EP	EP	EP	EP	EP	EP	EP	EP	EP	EP	EP	EP
SUPER ELEVATION													

TITLE: PROFILE (15)				JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.		THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN		REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	CHECKED	APPROVED	SCALE (A1 SIZE) H=1/1000 V=1/100	DATE	DRAWING NO. PR-15	SHEET NO. 15/15
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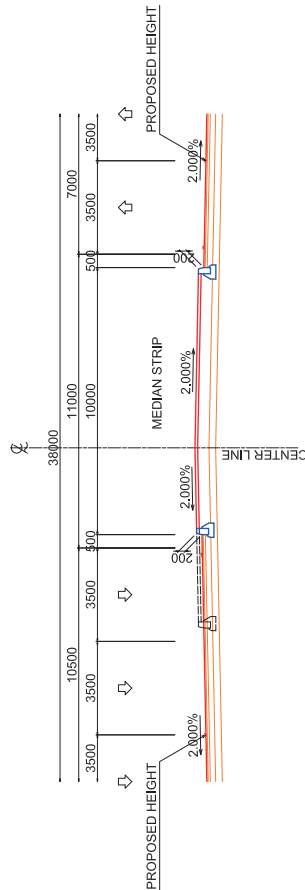
TYPICAL CROSS SECTION, TYPE-1 (STA. 730+50 TO STA. 807+20)

S=1:100



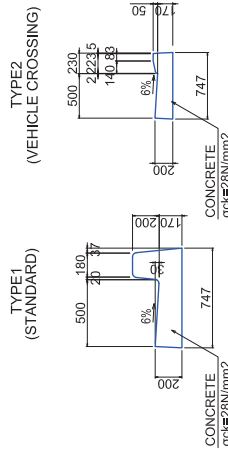
TYPICAL CROSS SECTION AT U-TURN ZONE

S=1:100



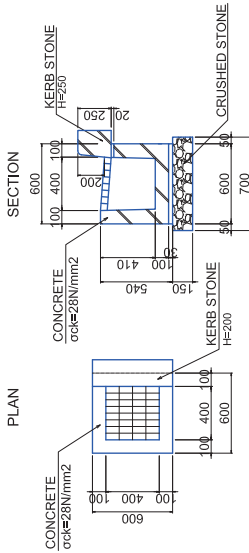
L-TYPE GUTTER

S=1:20



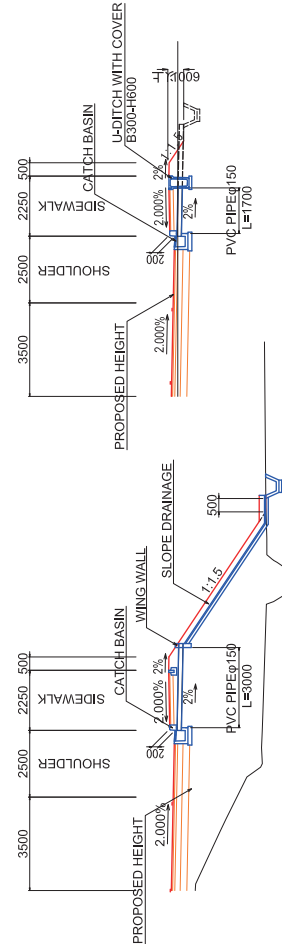
CATCH BASIN

S=1:20



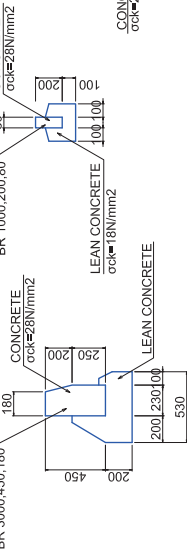
TYPICAL CROSS SECTION AT SLOPE DRAINAGE

S=1:100



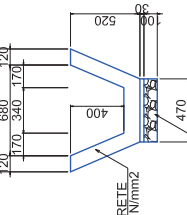
KERB STONE

S=1:20



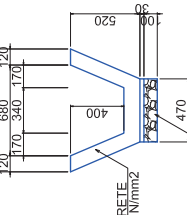
EDGE BLOCK

S=1:20



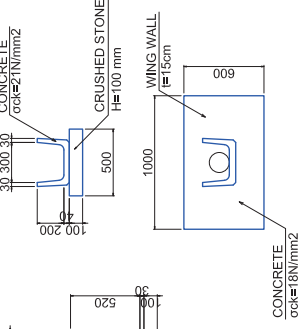
U-DITCH

S=1:20



SLOPE DRAINAGE

S=1:20

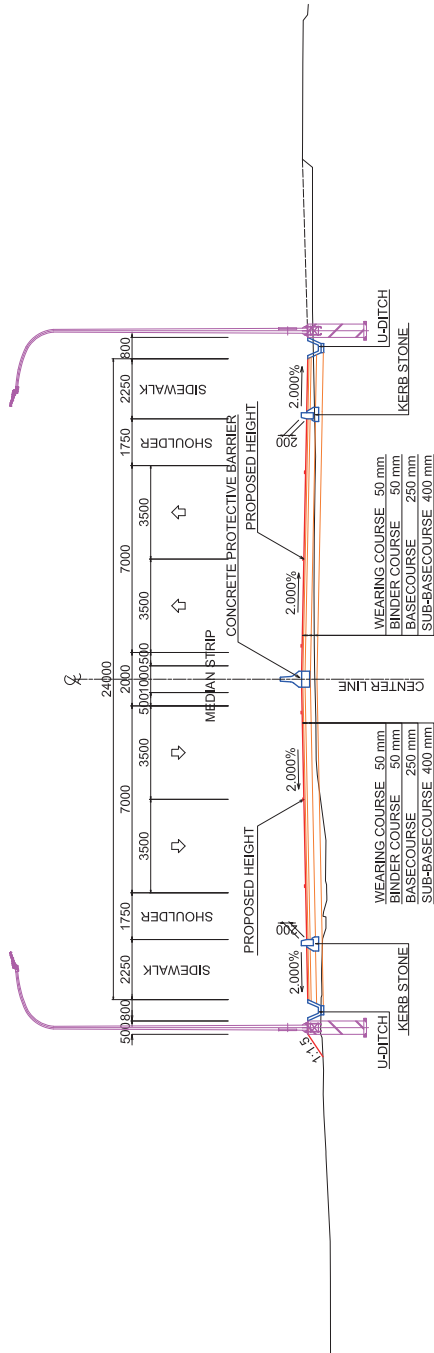


NOTE: ALL DIMENSIONS ARE IN MILLIMETER, UNLESS OTHERWISE MENTIONED.

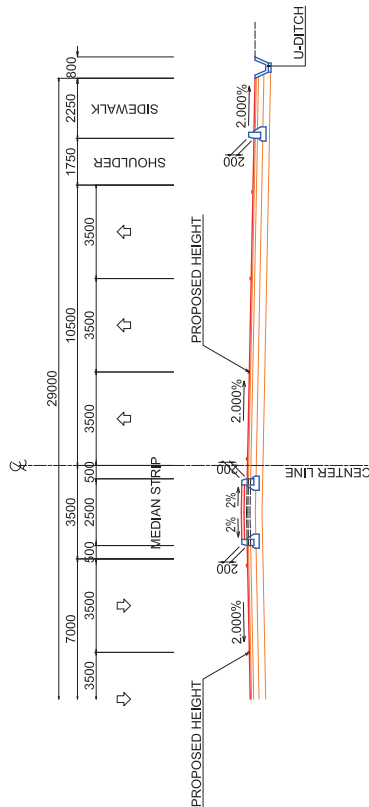
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	TITLE:	JAPAN INTERNATIONAL COOPERATION AGENCY CITI ENGINEERING INTERNATIONAL CO., LTD.	TYPICAL CROSS SECTION TYPE-1				DRAWING NO.	SHEET NO.
				CHECKED	APPROVED	SCALE (A1 SIZE)	DATE		
						1:20 1:100		TP-01	1/2

TYPICAL CROSS SECTION, TYPE-2 (STA. 807+20 TO END POINT)

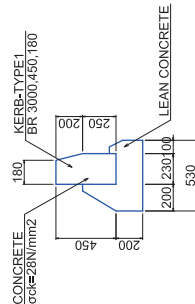
SCALE=1:100



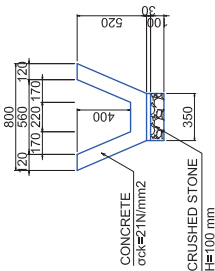
TYPICAL CROSS SECTION AT INTERSECTION S=1:100



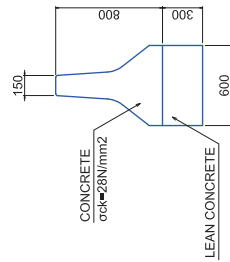
KERB STONE S=1:20



U-DITCH S=1:20



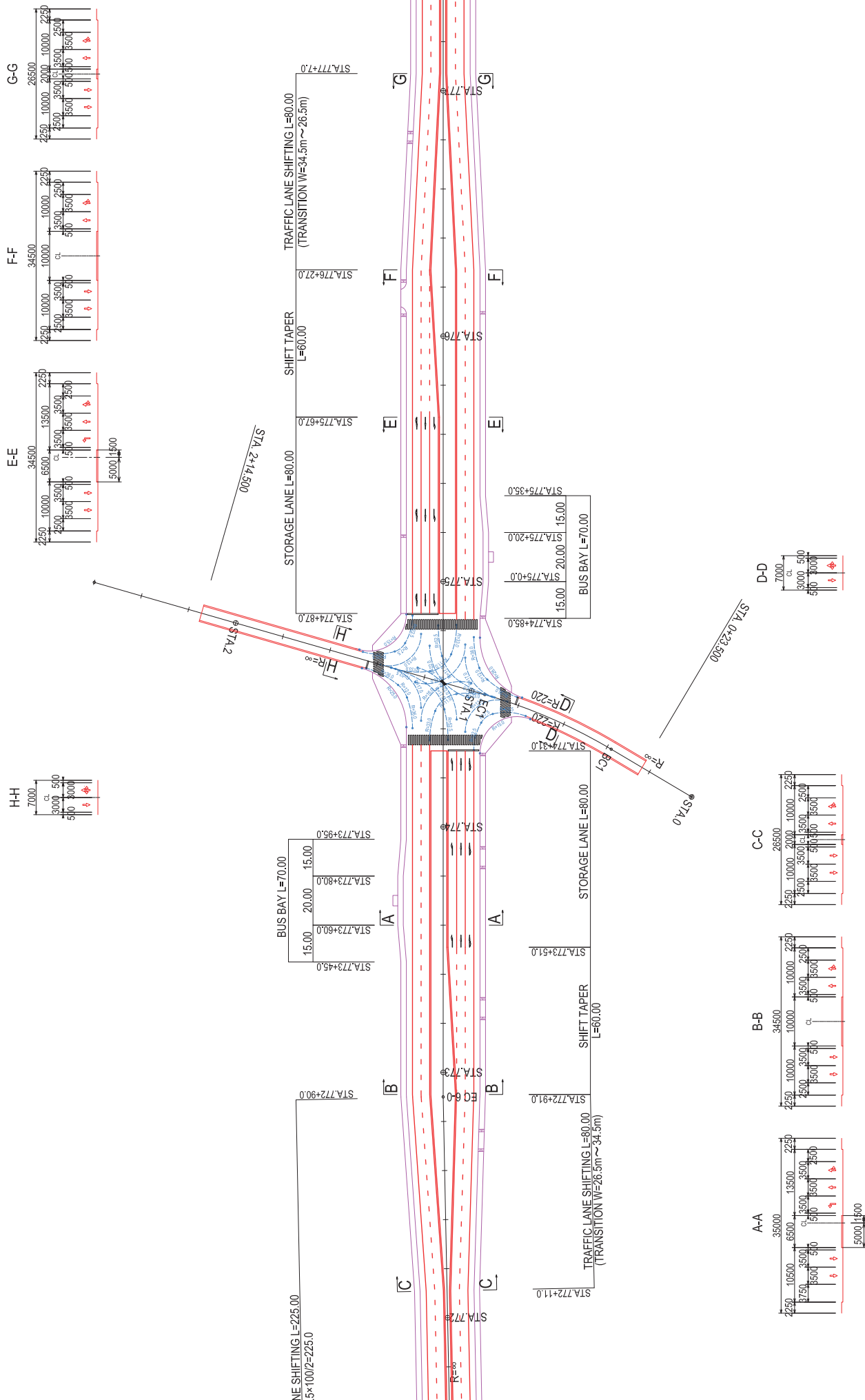
CONCRETE PROTECTIVE BARRIER S=1:20



NOTE: ALL DIMENSIONS ARE IN MILLIMETER, UNLESS OTHERWISE MENTIONED.

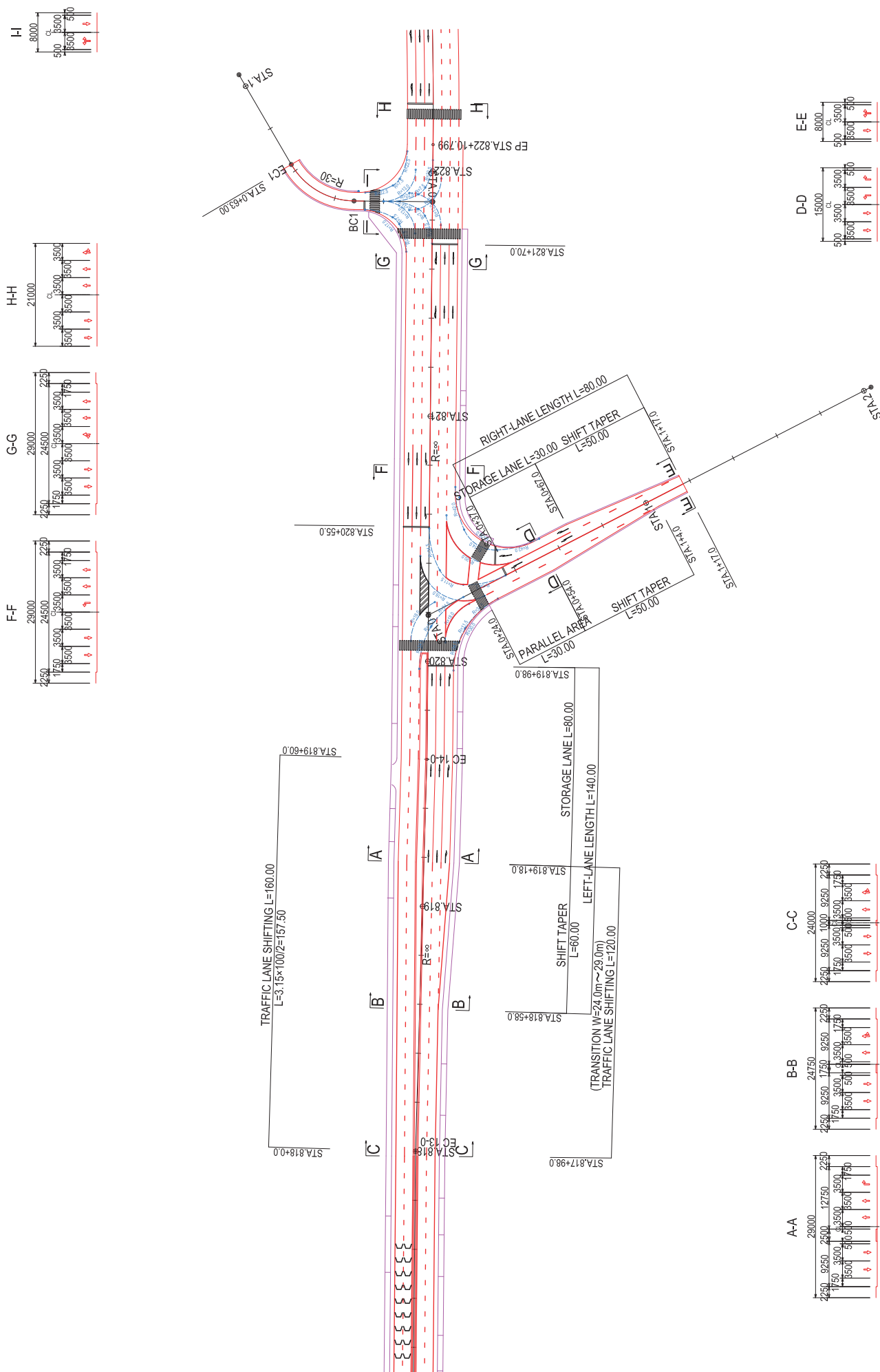
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE:		DRAWING NO.	SHEET NO.
			TYPICAL CROSS SECTION TYPE-2			
			CHECKED	APPROVED		
				(A1 SIZE) 1:20 1:100	DATE	TP-02
						2/2

INTERSECTION PLAN(1)



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: INTERSECTION PLAN(1)			CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO. IP-01	SHEET NO. 1/2

INTERSECTION PLAN(2)

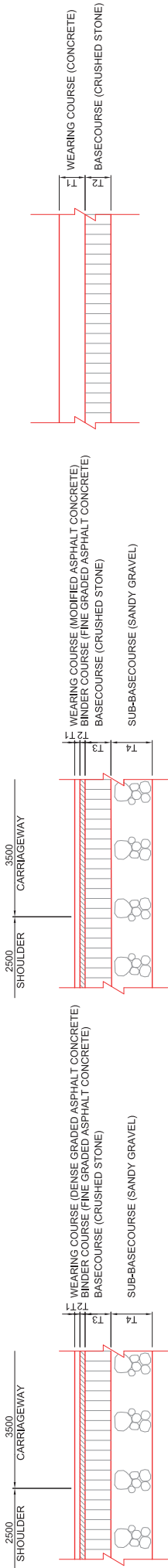


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: INTERSECTION PLAN(2)			CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO. IP-02	SHEET NO. 2/2

PAVEMENT
GENERAL DRAWINGS

MAIN ROAD PAVEMENT STRUCTURE

TYPE-1

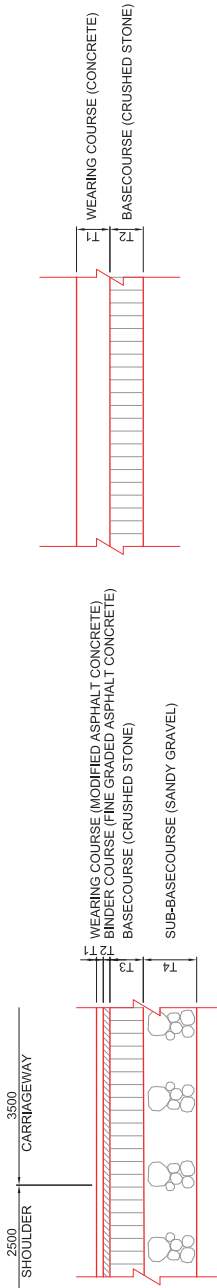


T1 WEARING COURSE (mm)	T2 BINDER COURSE (mm)	T3 BASE COURSE (mm)	T4 SUB-BASE COURSE (mm)
50	50	250	400

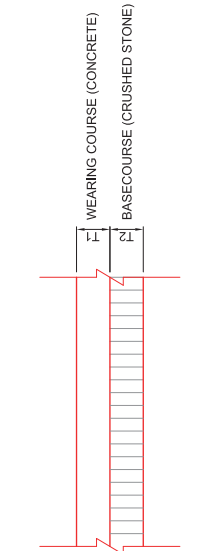
T1 WEARING COURSE (mm)	T2 BINDER COURSE (mm)	T3 BASE COURSE (mm)	T4 SUB-BASE COURSE (mm)
50	50	250	400

T1 WEARING COURSE (mm)	T2 BASE COURSE (mm)
250	250

TYPE-2

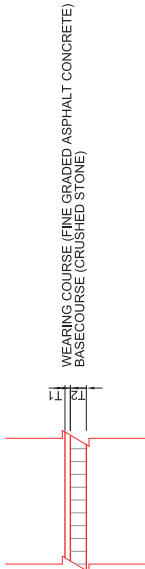


TYPE-3



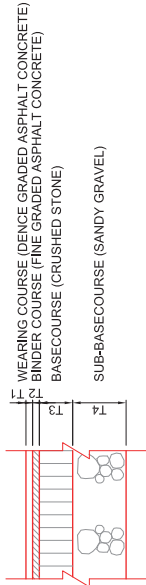
SIDEWALK PAVEMENT STRUCTURE

TYPICAL SECTION



T1 WEARING COURSE (mm)	T2 BASE COURSE (mm)
40	120

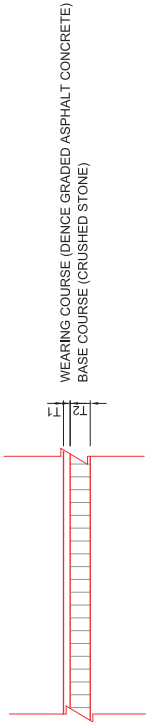
BOKHTAR SECTION
(STA.807+20 TO END POINT)



T1 WEARING COURSE (mm)	T2 BINDER COURSE (mm)	T3 BASE COURSE (mm)	T4 SUB-BASE COURSE (mm)
50	50	250	400

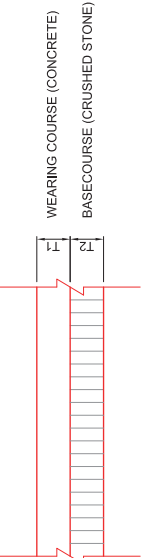
ACCESS ROAD PAVEMENT STRUCTURE
BAS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE

TYPE-1



T1 WEARING COURSE (mm)	T2 BASE COURSE (mm)
50	150

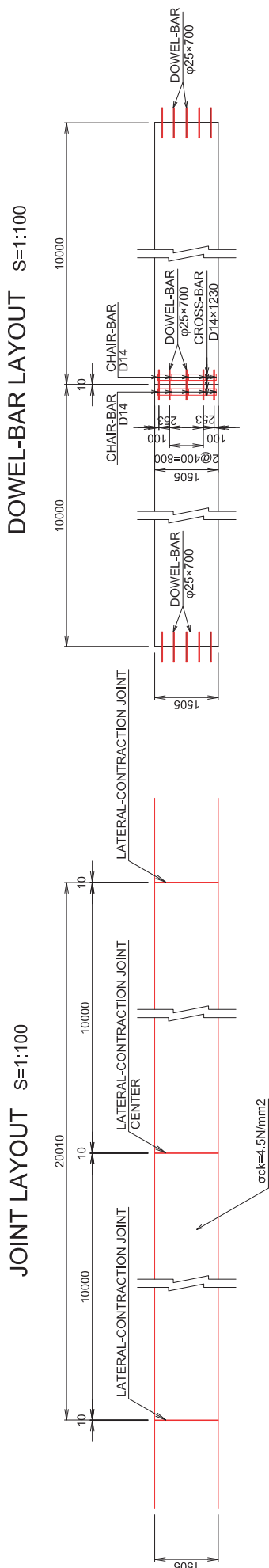
TYPE-2



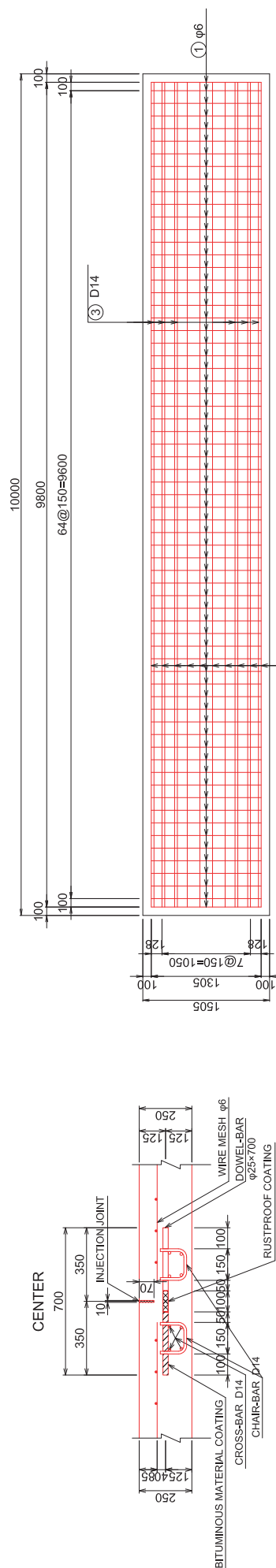
T1 WEARING COURSE (mm)	T2 BASE COURSE (mm)
250	250

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: PAVEMENT GENERAL DRAWINGS				DRAWING NO. PV-01	SHEET NO. 1/15
			CHECKED	APPROVED	SCALE (A1 SIZE)	DATE		
					1:20			

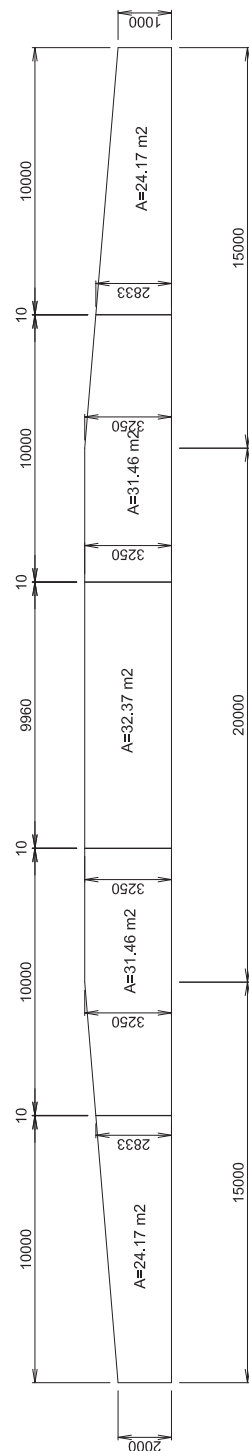
CONCRETE PAVEMENT GENERAL DRAWINGS



GENERAL LAYOUT OF WIRE MESH AND REINFORCING BAR S=1:50

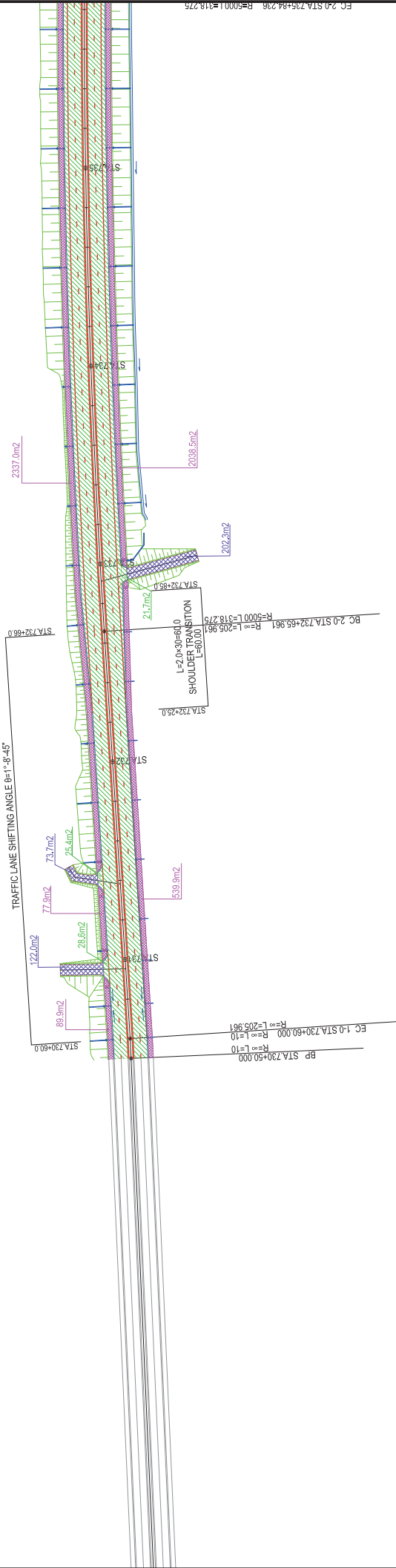


LAYOUT S=1:200



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CITI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: CONCRETE PAVEMENT GENERAL DRAWINGS	CHECKED	APPROVED	SCALE (A1 SIZE) 1:200 1:100 1:50	DATE	DRAWING NO. PV-02	SHEET NO. 2/15
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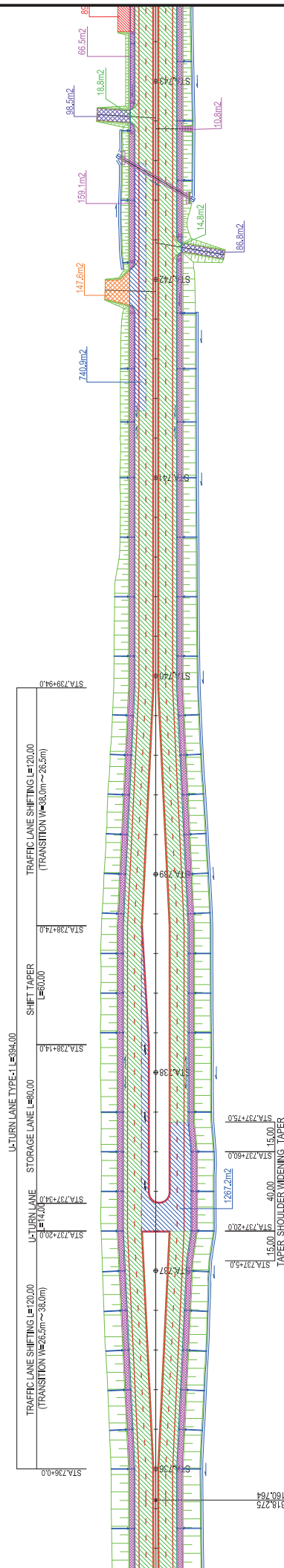
LAYOUT PLAN OF PAVEMENT STRUCTURE(1)



MAIN ROAD PAVEMENT STRUCTURE		SIDEWALK PAVEMENT STRUCTURE		ACCESS ROAD PAVEMENT STRUCTURE		BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE	
TYPE-1		TYPE-1		TYPE-1		TYPE-1	
WEARING COURSE	: GRADED ASPHALT CONCRETE	WEARING COURSE	: FINE GRADED ASPHALT CONCRETE	WEARING COURSE	: DENSE GRADED ASPHALT CONCRETE	WEARING COURSE	: DENSE GRADED ASPHALT CONCRETE
BINDER COURSE	: FINE GRADED ASPHALT CONCRETE	BINDER COURSE	: CRUSHED STONE	BINDER COURSE	: CRUSHED STONE	BASE COURSE	: CRUSHED STONE
BASE COURSE	: CRUSHED STONE	BASE COURSE	: CRUSHED STONE	BASE COURSE	: CRUSHED STONE	BASE COURSE	: CRUSHED STONE
SUB-BASE COURSE	: SANDY GRAVEL						
TYPE-2		TYPE-2		TYPE-2		TYPE-2	
WEARING COURSE	: MODIFIED ASPHALT CONCRETE	WEARING COURSE	: FINE GRADED ASPHALT CONCRETE	WEARING COURSE	: DENSE GRADED ASPHALT CONCRETE	WEARING COURSE	: CONCRETE
BINDER COURSE	: FINE GRADED ASPHALT CONCRETE	BINDER COURSE	: CRUSHED STONE	BINDER COURSE	: CRUSHED STONE	BASE COURSE	: CRUSHED STONE
BASE COURSE	: CRUSHED STONE	BASE COURSE	: CRUSHED STONE	BASE COURSE	: CRUSHED STONE	BASE COURSE	: CRUSHED STONE
SUB-BASE COURSE	: SANDY GRAVEL						
TYPE-3		TYPE-3		TYPE-3		TYPE-3	
WEARING COURSE	: CONCRETE	WEARING COURSE	: CONCRETE	WEARING COURSE	: CONCRETE	WEARING COURSE	: CONCRETE
BASE COURSE	: CRUSHED STONE	BASE COURSE	: CRUSHED STONE	BASE COURSE	: CRUSHED STONE	BASE COURSE	: CRUSHED STONE

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: LAYOUT PLAN OF PAVEMENT STRUCTURE(1)			DRAWING NO. PV-03	DATE	SCALE (A1 SIZE) 1:1000	APPROVED	CHECKED	SHEET NO. 3/16

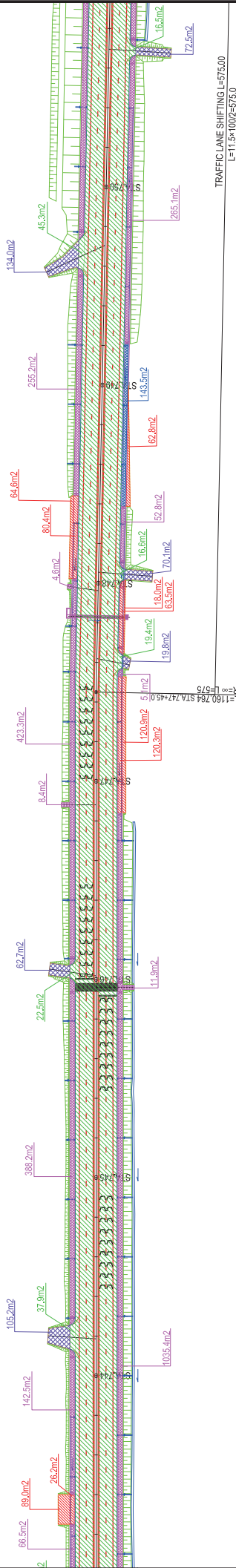
LAYOUT PLAN OF PAVEMENT STRUCTURE(2)



MAIN ROAD PAVEMENT STRUCTURE		SIDEWALK PAVEMENT STRUCTURE		ACCESS ROAD PAVEMENT STRUCTURE		BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE	
TYPE-1		TYPE-1		TYPE-1		TYPE-1	
WEARING COURSE : GRADED ASPHALT CONCRETE		WEARING COURSE : FINE GRADED ASPHALT CONCRETE		WEARING COURSE : DENSE GRADED ASPHALT CONCRETE		WEARING COURSE : DENSE GRADED ASPHALT CONCRETE	
BINDER COURSE : FINE GRADED ASPHALT CONCRETE		BINDER COURSE : FINE GRADED ASPHALT CONCRETE		BINDER COURSE : FINE GRADED ASPHALT CONCRETE		BINDER COURSE : CRUSHED STONE	
BASE COURSE : CRUSHED STONE		BASE COURSE : CRUSHED STONE		BASE COURSE : CRUSHED STONE		BASE COURSE : CRUSHED STONE	
SUB-BASE COURSE : SANDY GRAVEL		SUB-BASE COURSE : SANDY GRAVEL		SUB-BASE COURSE : SANDY GRAVEL		SUB-BASE COURSE : SANDY GRAVEL	
TYPE-2		TYPE-2		TYPE-2		TYPE-2	
WEARING COURSE : MODIFIED ASPHALT CONCRETE		WEARING COURSE : DENSE GRADED ASPHALT CONCRETE		WEARING COURSE : DENSE GRADED ASPHALT CONCRETE		WEARING COURSE : CONCRETE	
BINDER COURSE : FINE GRADED ASPHALT CONCRETE		BINDER COURSE : CRUSHED STONE		BINDER COURSE : CRUSHED STONE		BINDER COURSE : CRUSHED STONE	
BASE COURSE : CRUSHED STONE		BASE COURSE : CRUSHED STONE		BASE COURSE : CRUSHED STONE		BASE COURSE : CRUSHED STONE	
SUB-BASE COURSE : SANDY GRAVEL		SUB-BASE COURSE : SANDY GRAVEL		SUB-BASE COURSE : SANDY GRAVEL		SUB-BASE COURSE : SANDY GRAVEL	
TYPE-3		TYPE-3		TYPE-3		TYPE-3	
WEARING COURSE : CONCRETE		WEARING COURSE : CONCRETE		WEARING COURSE : CONCRETE		WEARING COURSE : CONCRETE	
BASE COURSE : CRUSHED STONE		BASE COURSE : CRUSHED STONE		BASE COURSE : CRUSHED STONE		BASE COURSE : CRUSHED STONE	

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT		THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN		JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.		TITLE: LAYOUT PLAN OF PAVEMENT STRUCTURE(2)		CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO. PV-04	SHEET NO. 4/15
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LAYOUT PLAN OF PAVEMENT STRUCTURE(3)



MAIN ROAD PAVEMENT STRUCTURE
TYPE-1

WEARING COURSE : GRADED ASPHALT CONCRETE 5 cm
BINDER COURSE : FINE GRADED ASPHALT CONCRETE 5 cm
BASE COURSE : CRUSHED STONE 25 cm
SUB-BASE COURSE : SANDY GRAVEL 40 cm

MAIN ROAD PAVEMENT STRUCTURE
TYPE-2

WEARING COURSE : MODIFIED ASPHALT CONCRETE 5 cm
BINDER COURSE : FINE GRADED ASPHALT CONCRETE 5 cm
BASE COURSE : CRUSHED STONE 25 cm
SUB-BASE COURSE : SANDY GRAVEL 40 cm

MAIN ROAD PAVEMENT STRUCTURE
TYPE-3

WEARING COURSE : CONCRETE 25 cm
BASE COURSE : CRUSHED STONE 25 cm

SIDEWALK PAVEMENT STRUCTURE

WEARING COURSE : FINE GRADED ASPHALT CONCRETE 4 cm
BASE COURSE : CRUSHED STONE 12 cm

ACCESS ROAD PAVEMENT STRUCTURE
TYPE-1

WEARING COURSE : DENSE GRADED ASPHALT CONCRETE 25 cm
BASE COURSE : CRUSHED STONE 15 cm

ACCESS ROAD PAVEMENT STRUCTURE
TYPE-2

WEARING COURSE : CONCRETE 25 cm
BASE COURSE : CRUSHED STONE 25 cm

BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE
TYPE-1

WEARING COURSE : DENSE GRADED ASPHALT CONCRETE 5 cm
BASE COURSE : CRUSHED STONE 15 cm

BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE
TYPE-2

WEARING COURSE : CONCRETE 25 cm
BASE COURSE : CRUSHED STONE 25 cm

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: LAYOUT PLAN OF PAVEMENT STRUCTURE(3)			DRAWING NO. PV-05	DATE	SCALE (A1 SIZE) 1:1000	APPROVED	CHECKED	SHEET NO. 5/15

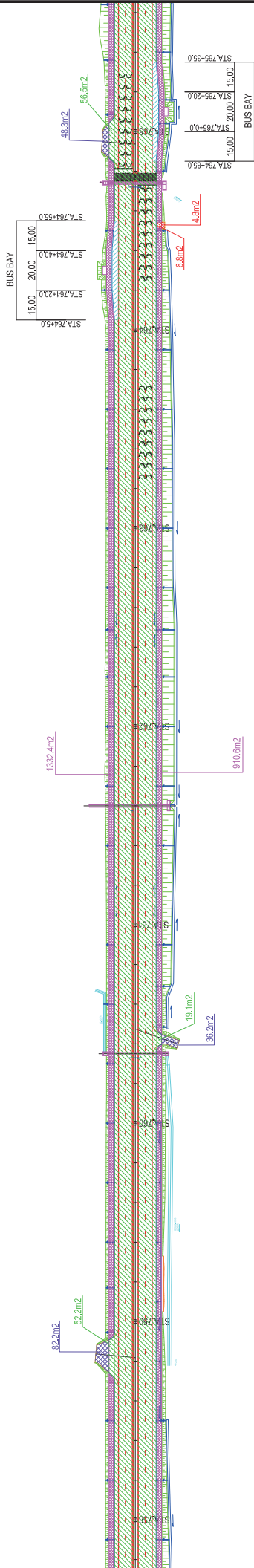
 MAIN ROAD PAVEMENT STRUCTURE

WEARING COURSE : GRADED ASPHALT CONCRETE	≅ 5 cm
BINDER COURSE : FINE GRADED ASPHALT CONCRETE	≅ 5 cm
BASE COURSE : CRUSHED STONE	≅ 5 cm
SUB-BASE COURSE : SANDY GRAVEL	≅ 10 cm
MAIN ROAD PAVEMENT STRUCTURE	
TYPE-2	
WEARING COURSE : MODIFIED ASPHALT CONCRETE	≅ 5 cm
BINDER COURSE : FINE GRADED ASPHALT CONCRETE	≅ 5 cm
BASE COURSE : CRUSHED STONE	≅ 5 cm
SUB-BASE COURSE : SANDY GRAVEL	≅ 10 cm
MAIN ROAD PAVEMENT STRUCTURE	
TYPE-3	
WEARING COURSE : CONCRETE	≅ 25 cm
BASE COURSE : CRUSHED STONE	≅ 5 cm

ACCESS ROAD PAVEMENT STRUCTURE TYPE-1	WEARING COURSE : DENSE GRADED ASPHALT CONCRETE BASE COURSE : CRUSHED STONE	12-25 cm 12-15 cm
ACCESS ROAD PAVEMENT STRUCTURE TYPE-2	WEARING COURSE : CONCRETE BASE COURSE : CRUSHED STONE	12-25 cm 12-25 cm

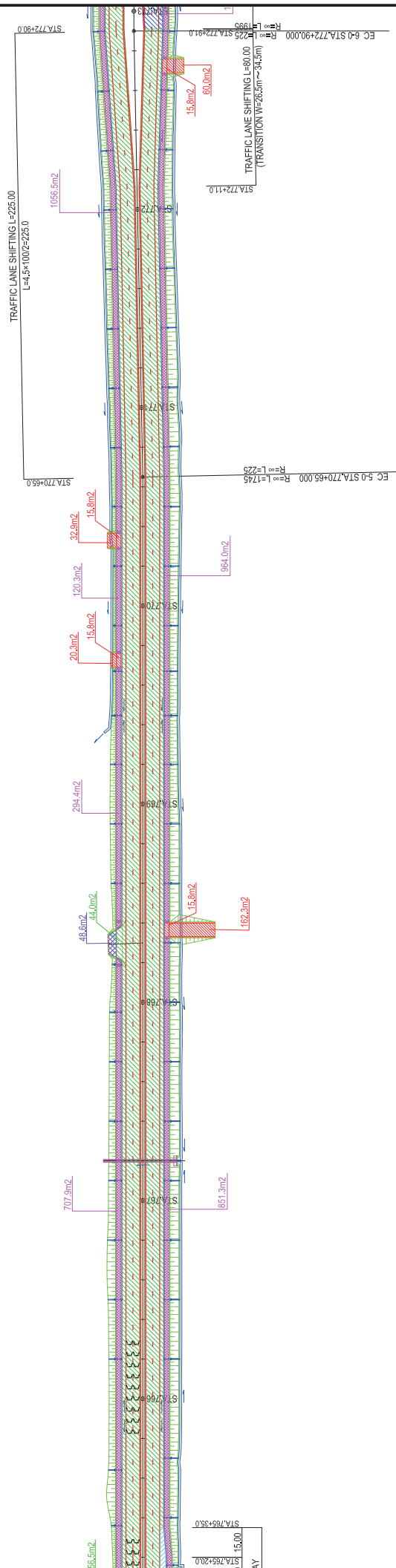
REPUBLIC OF TAJIKISTAN
MINISTRY OF TRANSPORT

LAYOUT PLAN OF PAVEMENT STRUCTURE(5)



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: LAYOUT PLAN OF PAVEMENT STRUCTURE(5)			DRAWING NO. PV-07	DATE	SCALE (A1 SIZE) 1:1000	APPROVED	CHECKED	SHEET NO. 7/15

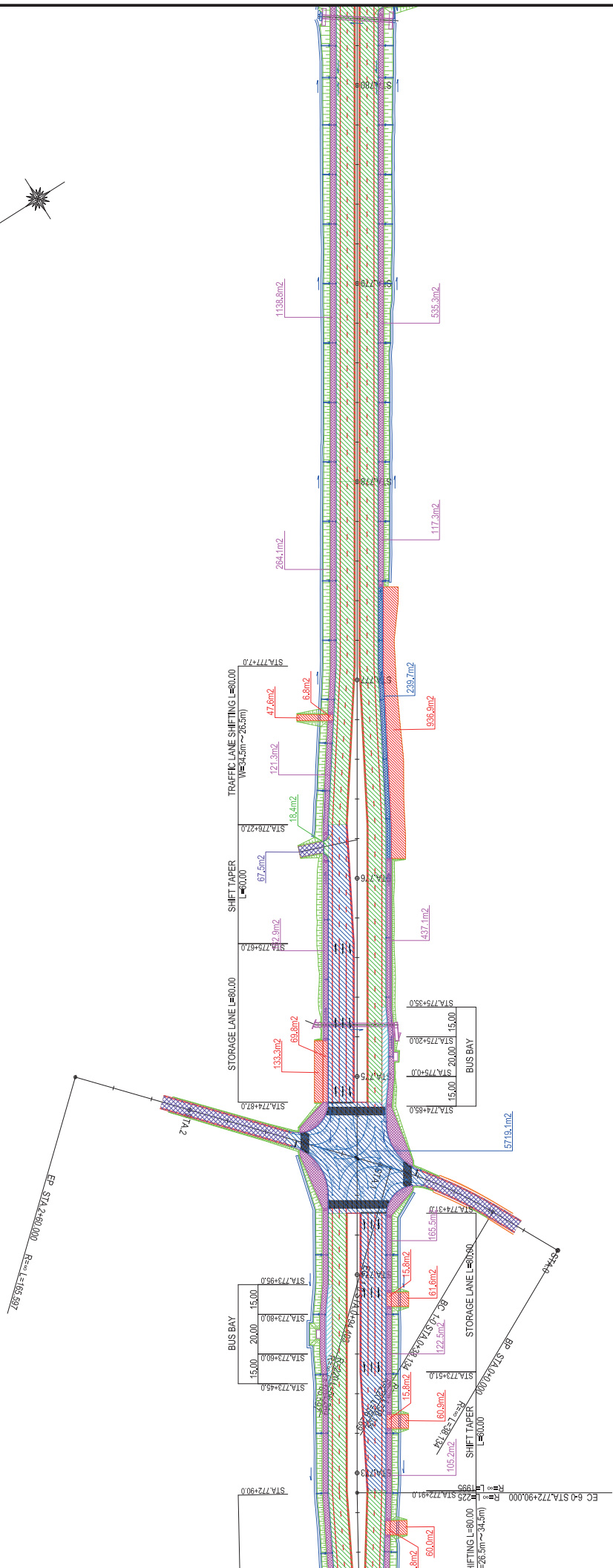
LAYOUT PLAN OF PAVEMENT STRUCTURE(6)



MAIN ROAD PAVEMENT STRUCTURE		SIDEWALK PAVEMENT STRUCTURE		ACCESS ROAD PAVEMENT STRUCTURE		BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE	
TYPE-1		TYPE-1		TYPE-1		TYPE-1	
WEARING COURSE : GRADED ASPHALT CONCRETE		WEARING COURSE : FINE GRADED ASPHALT CONCRETE		WEARING COURSE : FINE GRADED ASPHALT CONCRETE		WEARING COURSE : DENSE GRADED ASPHALT CONCRETE	
BINDER COURSE : FINE GRADED ASPHALT CONCRETE		BINDER COURSE : FINE GRADED ASPHALT CONCRETE		BINDER COURSE : FINE GRADED ASPHALT CONCRETE		BINDER COURSE : DENSE GRADED ASPHALT CONCRETE	
BASE COURSE : CRUSHED STONE		BASE COURSE : CRUSHED STONE		BASE COURSE : CRUSHED STONE		BASE COURSE : CRUSHED STONE	
SUB-BASE COURSE : SANDY GRAVEL		SUB-BASE COURSE : SANDY GRAVEL		SUB-BASE COURSE : SANDY GRAVEL		SUB-BASE COURSE : CRUSHED STONE	
TYPE-2		TYPE-2		TYPE-2		TYPE-2	
WEARING COURSE : MODIFIED ASPHALT CONCRETE		WEARING COURSE : FINE GRADED ASPHALT CONCRETE		WEARING COURSE : FINE GRADED ASPHALT CONCRETE		WEARING COURSE : DENSE GRADED ASPHALT CONCRETE	
BINDER COURSE : FINE GRADED ASPHALT CONCRETE		BINDER COURSE : FINE GRADED ASPHALT CONCRETE		BINDER COURSE : FINE GRADED ASPHALT CONCRETE		BINDER COURSE : DENSE GRADED ASPHALT CONCRETE	
BASE COURSE : CRUSHED STONE		BASE COURSE : CRUSHED STONE		BASE COURSE : CRUSHED STONE		BASE COURSE : CRUSHED STONE	
SUB-BASE COURSE : SANDY GRAVEL		SUB-BASE COURSE : SANDY GRAVEL		SUB-BASE COURSE : SANDY GRAVEL		SUB-BASE COURSE : CRUSHED STONE	
TYPE-3		TYPE-3		TYPE-3		TYPE-3	
WEARING COURSE : CONCRETE		WEARING COURSE : CONCRETE		WEARING COURSE : CONCRETE		WEARING COURSE : CONCRETE	
BASE COURSE : CRUSHED STONE		BASE COURSE : CRUSHED STONE		BASE COURSE : CRUSHED STONE		BASE COURSE : CRUSHED STONE	

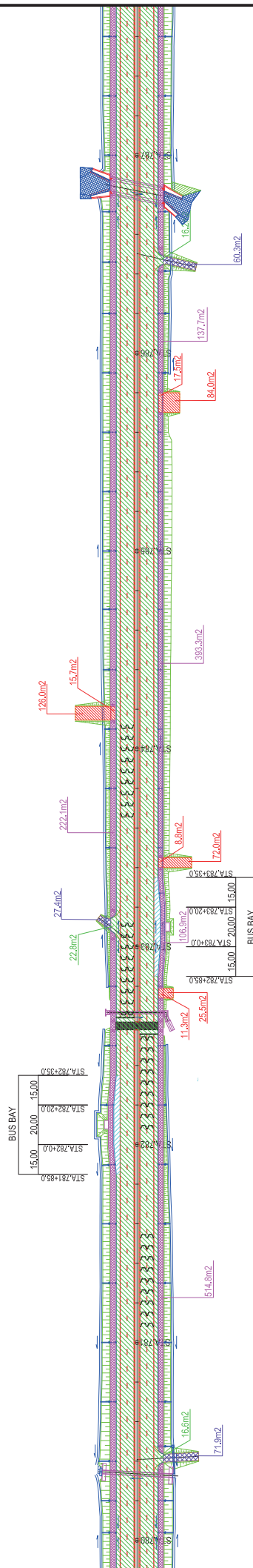
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: LAYOUT PLAN OF PAVEMENT STRUCTURE(6)			DRAWING NO. PV-15	SHEET NO. 8/15
			CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	

LAYOUT PLAN OF PAVEMENT STRUCTURE(7)



TITLE:				JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.				LAYOUT PLAN OF PAVEMENT STRUCTURE(7)				CHECKED				APPROVED				SCALE (A1 SIZE) 1:1000				DATE				DRAWING NO. PV-9				SHEET NO. 9/15			
MAIN ROAD PAVEMENT STRUCTURE TYPE-1				WEARING COURSE : GRADED ASPHALT CONCRETE BINDER COURSE : FINE GRADED ASPHALT CONCRETE BASE COURSE : CRUSHED STONE				SIDEWALK PAVEMENT STRUCTURE WEARING COURSE : FINE GRADED ASPHALT CONCRETE BASE COURSE : CRUSHED STONE				ACCESS ROAD PAVEMENT STRUCTURE TYPE-1				WEARING COURSE : DENSE GRADED ASPHALT CONCRETE BASE COURSE : CRUSHED STONE				BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE TYPE-1				WEARING COURSE : DENSE GRADED ASPHALT CONCRETE BASE COURSE : CRUSHED STONE				BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE TYPE-2				WEARING COURSE : CONCRETE BASE COURSE : CRUSHED STONE			
TYPE-2				WEARING COURSE : MODIFIED ASPHALT CONCRETE BINDER COURSE : FINE GRADED ASPHALT CONCRETE SUB-BASE COURSE : SANDY GRAVEL				TYPE-2				TYPE-2				TYPE-2				TYPE-2				TYPE-2				TYPE-2				TYPE-2			
TYPE-3				WEARING COURSE : CONCRETE BINDER COURSE : CONCRETE BASE COURSE : CRUSHED STONE				TYPE-3				TYPE-3				TYPE-3				TYPE-3				TYPE-3				TYPE-3				TYPE-3			

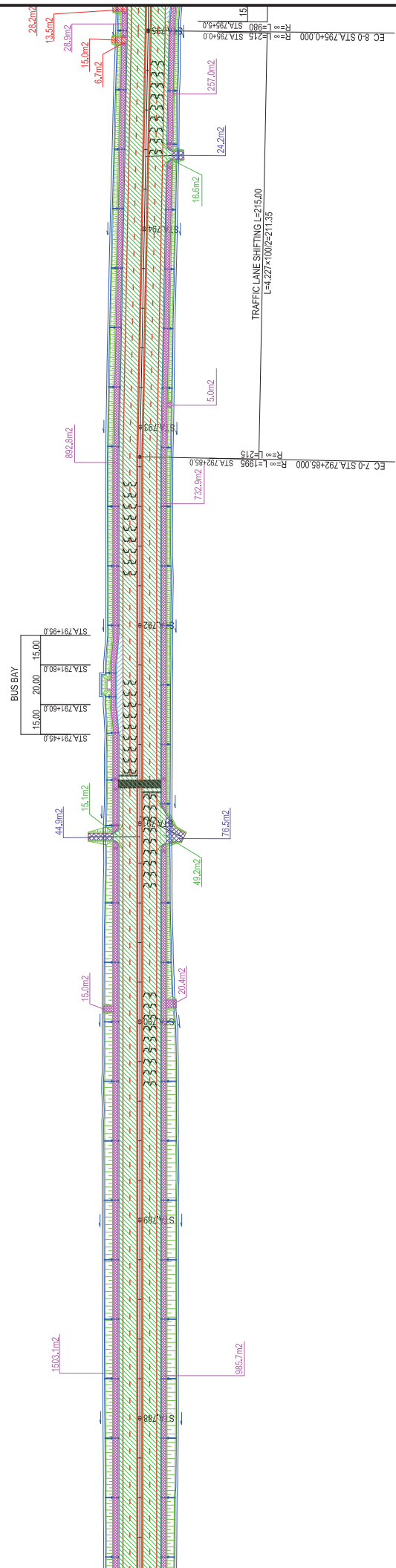
LAYOUT PLAN OF PAVEMENT STRUCTURE(8)



MAIN ROAD PAVEMENT STRUCTURE		SIDEWALK PAVEMENT STRUCTURE		ACCESS ROAD PAVEMENT STRUCTURE		BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE	
TYPE-1		TYPE-1		TYPE-1		TYPE-1	
WEARING COURSE : GRADED ASPHALT CONCRETE		WEARING COURSE : FINE GRADED ASPHALT CONCRETE		WEARING COURSE : FINE GRADED ASPHALT CONCRETE		WEARING COURSE : DENSE GRADED ASPHALT CONCRETE	
BINDER COURSE : FINE GRADED ASPHALT CONCRETE		BASECOURSE : CRUSHED STONE		BASECOURSE : CRUSHED STONE		BASECOURSE : CRUSHED STONE	
SUB-BASECOURSE : SANDY GRAVEL							
TYPE-2		TYPE-1		TYPE-2		TYPE-2	
WEARING COURSE : MODIFIED ASPHALT CONCRETE		WEARING COURSE : FINE GRADED ASPHALT CONCRETE		WEARING COURSE : DENSE GRADED ASPHALT CONCRETE		WEARING COURSE : CONCRETE	
BINDER COURSE : FINE GRADED ASPHALT CONCRETE		BASECOURSE : CRUSHED STONE		BASECOURSE : CRUSHED STONE		BASECOURSE : CRUSHED STONE	
SUB-BASECOURSE : SANDY GRAVEL							
TYPE-3		TYPE-2		TYPE-2			
WEARING COURSE : CONCRETE		WEARING COURSE : CONCRETE		WEARING COURSE : CONCRETE			
BASECOURSE : CRUSHED STONE		BASECOURSE : CRUSHED STONE		BASECOURSE : CRUSHED STONE			

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: LAYOUT PLAN OF PAVEMENT STRUCTURE(8)			DRAWING NO. PV-10	DATE	SCALE (A1 SIZE) 1:1000	APPROVED	CHECKED	SHEET NO. 10/15

LAYOUT PLAN OF PAVEMENT STRUCTURE(9)



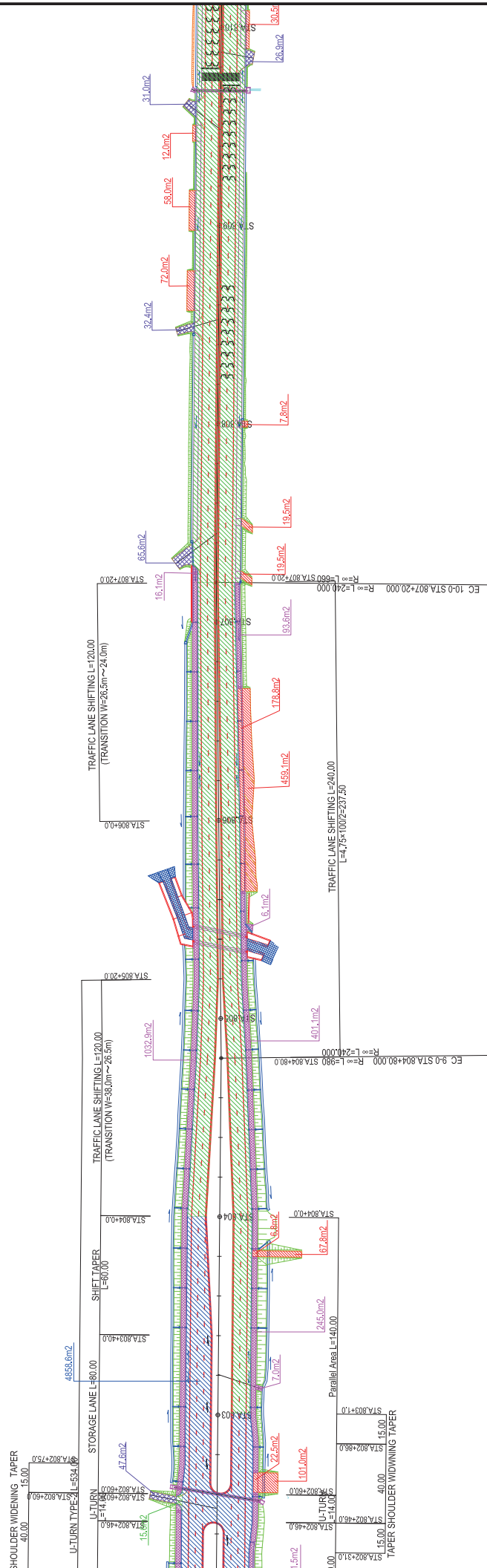
MAIN ROAD PAVEMENT STRUCTURE				SIDEWALK PAVEMENT STRUCTURE				BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE			
TYPE-1				TYPE-1				TYPE-1			
WEARING COURSE : GRADED ASPHALT CONCRETE				WEARING COURSE : FINE GRADED ASPHALT CONCRETE				WEARING COURSE : DENSE GRADED ASPHALT CONCRETE			
BINDER COURSE : FINE GRADED ASPHALT CONCRETE				BASECOURSE : CRUSHED STONE				BASECOURSE : CRUSHED STONE			
SUB-BASECOURSE : SANDY GRAVEL				TYPE-2				TYPE-2			
MAIN ROAD PAVEMENT STRUCTURE				ACCESS ROAD PAVEMENT STRUCTURE				BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE			
TYPE-2				TYPE-1				TYPE-2			
WEARING COURSE : MODIFIED ASPHALT CONCRETE				WEARING COURSE : DENSE GRADED ASPHALT CONCRETE				WEARING COURSE : CONCRETE			
BINDER COURSE : FINE GRADED ASPHALT CONCRETE				BASECOURSE : CRUSHED STONE				BASECOURSE : CRUSHED STONE			
SUB-BASECOURSE : SANDY GRAVEL				TYPE-2				TYPE-2			
MAIN ROAD PAVEMENT STRUCTURE				ACCESS ROAD PAVEMENT STRUCTURE				TYPE-2			
TYPE-3				TYPE-1				TYPE-2			
WEARING COURSE : CONCRETE				WEARING COURSE : CONCRETE				WEARING COURSE : CONCRETE			
BASECOURSE : CRUSHED STONE				BASECOURSE : CRUSHED STONE				BASECOURSE : CRUSHED STONE			

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: LAYOUT PLAN OF PAVEMENT STRUCTURE(9)			CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO. PV-11	SHEET NO. 11/15



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CITI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: LAYOUT PLAN OF PAVEMENT STRUCTURE(10)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO. PV-12	SHEET NO. 12/15
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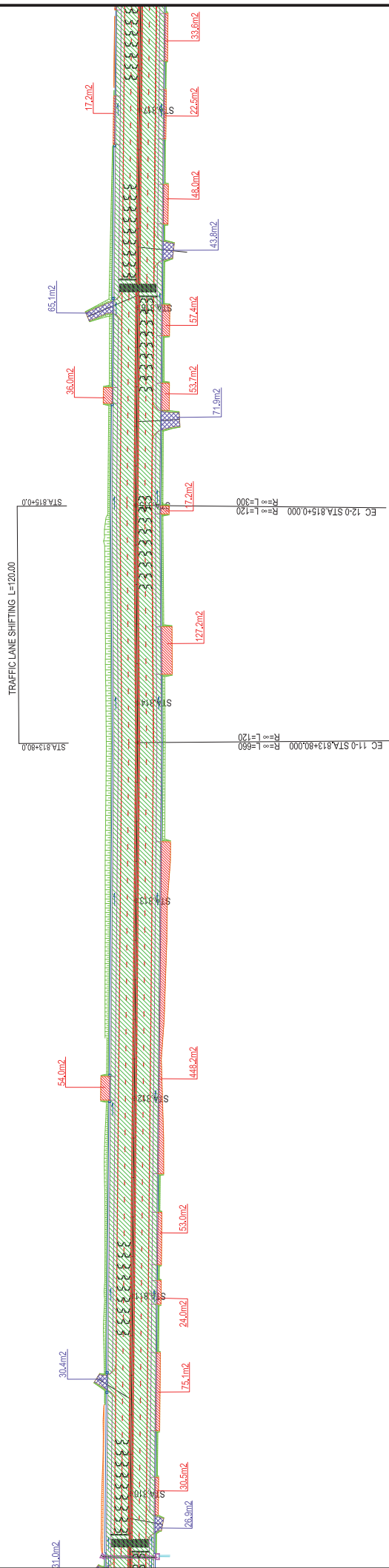
LAYOUT PLAN OF PAVEMENT STRUCTURE(11)



MAIN ROAD PAVEMENT STRUCTURE				ACCESS ROAD PAVEMENT STRUCTURE				BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE			
TYPE-1				TYPE-1				TYPE-1			
WEARING COURSE : GRADED ASPHALT CONCRETE				WEARING COURSE : DENSE GRADED ASPHALT CONCRETE				WEARING COURSE : DENSE GRADED ASPHALT CONCRETE			
BINDER COURSE : FINE GRADED ASPHALT CONCRETE				BINDER COURSE : DENSE GRADED ASPHALT CONCRETE				BINDER COURSE : DENSE GRADED ASPHALT CONCRETE			
BASE COURSE : CRUSHED STONE				BASE COURSE : CRUSHED STONE				BASE COURSE : CRUSHED STONE			
SUB-BASE COURSE : SANDY GRAVEL				SUB-BASE COURSE : CRUSHED STONE				SUB-BASE COURSE : CRUSHED STONE			
MAIN ROAD PAVEMENT STRUCTURE				ACCESS ROAD PAVEMENT STRUCTURE				BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE			
TYPE-2				TYPE-2				TYPE-2			
WEARING COURSE : MODIFIED ASPHALT CONCRETE				WEARING COURSE : CONCRETE				WEARING COURSE : CONCRETE			
BINDER COURSE : FINE GRADED ASPHALT CONCRETE				BINDER COURSE : CRUSHED STONE				BINDER COURSE : CRUSHED STONE			
BASE COURSE : CRUSHED STONE				BASE COURSE : CRUSHED STONE				BASE COURSE : CRUSHED STONE			
SUB-BASE COURSE : SANDY GRAVEL				SUB-BASE COURSE : CRUSHED STONE				SUB-BASE COURSE : CRUSHED STONE			
SIDEWALK PAVEMENT STRUCTURE				ACCESS ROAD PAVEMENT STRUCTURE				BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE			
WEARING COURSE : FINE GRADED ASPHALT CONCRETE				WEARING COURSE : CONCRETE				WEARING COURSE : CONCRETE			
BASE COURSE : CRUSHED STONE				BASE COURSE : CRUSHED STONE				BASE COURSE : CRUSHED STONE			

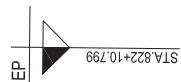
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: LAYOUT PLAN OF PAVEMENT STRUCTURE(11)			DRAWING NO. PV-13	DATE	SCALE (A1 SIZE) 1:1000	CHECKED	APPROVED	SHEET NO. 13/15

LAYOUT PLAN OF PAVEMENT STRUCTURE(12)



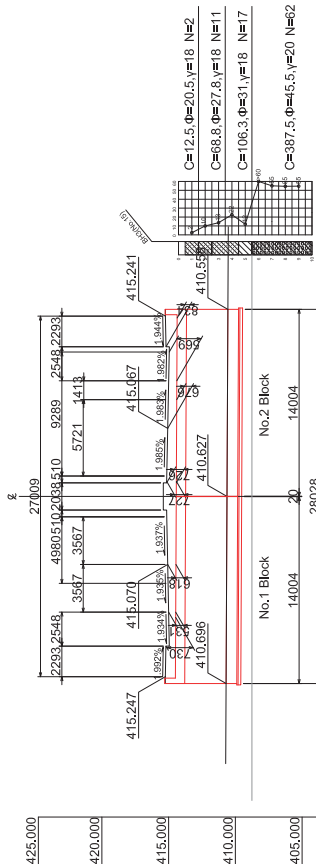
MAIN ROAD PAVEMENT STRUCTURE		ACCESS ROAD PAVEMENT STRUCTURE		BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE	
TYPE-1		TYPE-1		TYPE-1	
WEARING COURSE : GRADED ASPHALT CONCRETE		WEARING COURSE : DENSE GRADED ASPHALT CONCRETE		WEARING COURSE : DENSE GRADED ASPHALT CONCRETE	
BINDER COURSE : FINE GRADED ASPHALT CONCRETE		BINDER COURSE : CRUSHED STONE		BINDER COURSE : CRUSHED STONE	
BASE COURSE : CRUSHED STONE		BASE COURSE : CRUSHED STONE		BASE COURSE : CRUSHED STONE	
SUB-BASE COURSE : SANDY GRAVEL		SUB-BASE COURSE : SANDY GRAVEL		SUB-BASE COURSE : CRUSHED STONE	
TYPE-2		TYPE-2		TYPE-2	
WEARING COURSE : MODIFIED ASPHALT CONCRETE		WEARING COURSE : CONCRETE		WEARING COURSE : CONCRETE	
BINDER COURSE : FINE GRADED ASPHALT CONCRETE		BINDER COURSE : CRUSHED STONE		BINDER COURSE : CRUSHED STONE	
BASE COURSE : CRUSHED STONE		BASE COURSE : CRUSHED STONE		BASE COURSE : CRUSHED STONE	
SUB-BASE COURSE : SANDY GRAVEL		SUB-BASE COURSE : CRUSHED STONE		SUB-BASE COURSE : CRUSHED STONE	
SIDEWALK PAVEMENT STRUCTURE		SIDEWALK PAVEMENT STRUCTURE		SIDEWALK PAVEMENT STRUCTURE	
WEARING COURSE : FINE GRADED ASPHALT CONCRETE		WEARING COURSE : CRUSHED STONE		WEARING COURSE : CRUSHED STONE	
BASE COURSE : CRUSHED STONE		BASE COURSE : CRUSHED STONE		BASE COURSE : CRUSHED STONE	

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: LAYOUT PLAN OF PAVEMENT STRUCTURE(12)		CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO. PV-14	SHEET NO. 14/15



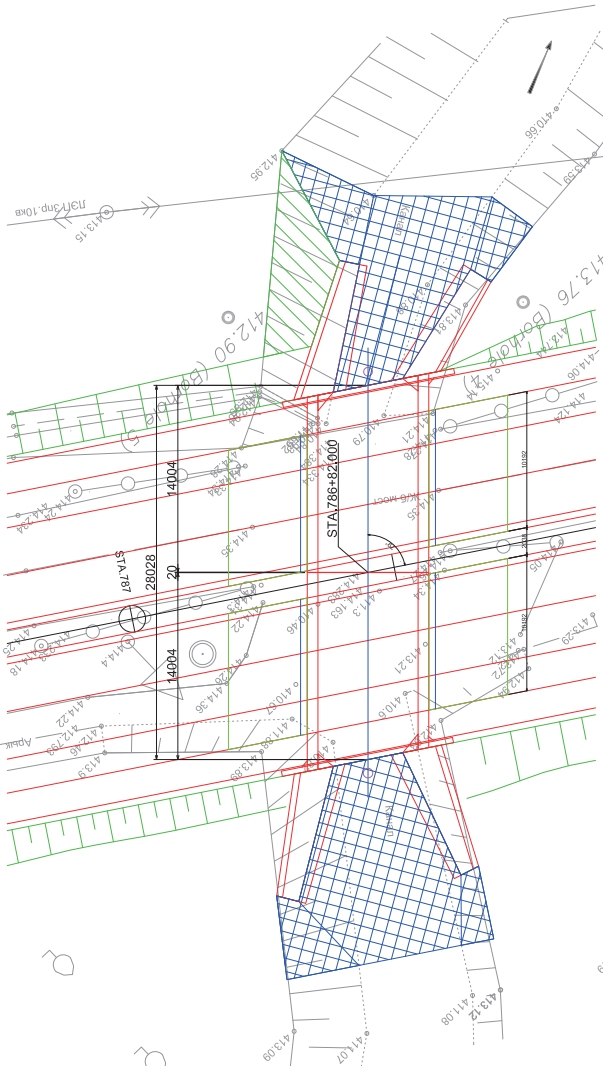
NO.15 BOX CULVERT
GENERAL DRAWINGS (1)

SIDE VIEW S=1:200

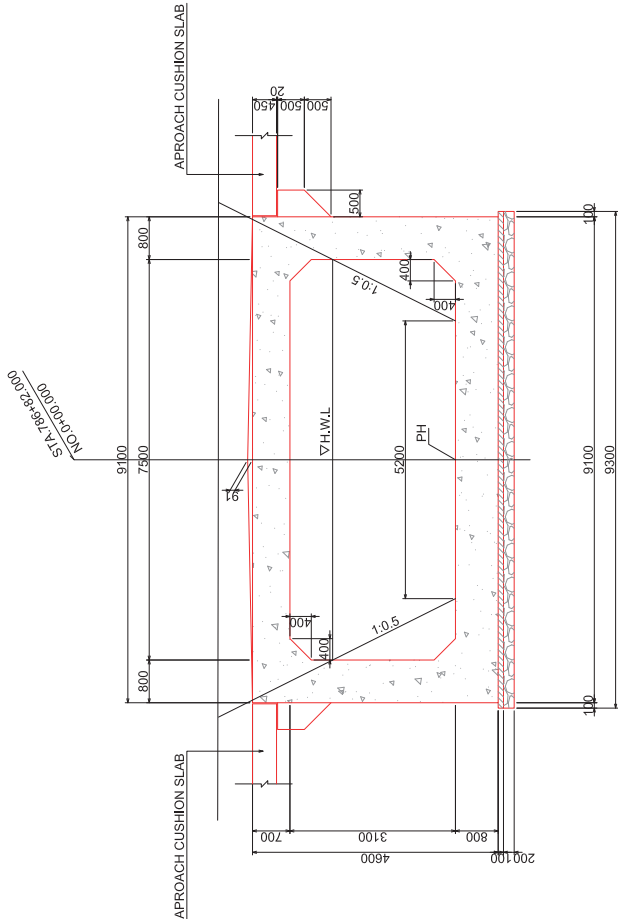


GRADIENT	410.725	410.528
PROPOSED HEIGHT	410.725	410.528
DISTANCE	410.696	410.528
STATION	1+00.014	1+00.200

PLAN S=1:200



CROSS SECTION S=1:50

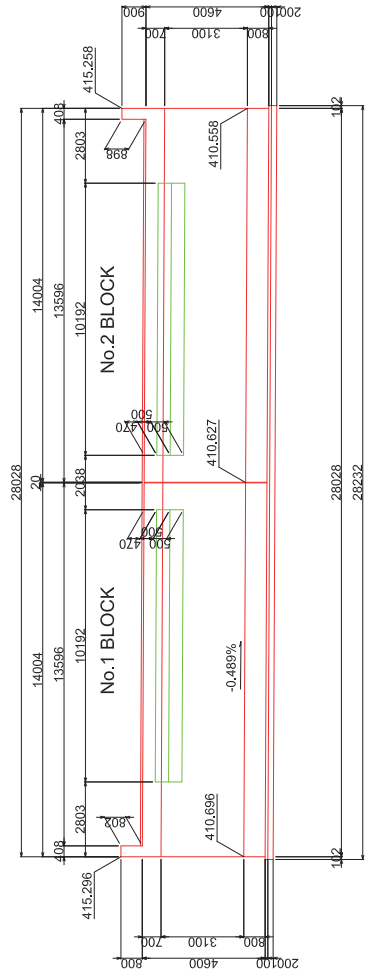


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.15 BOX CULVERT GENERAL DRAWINGS (1)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:200 1:50	DATE	DRAWING NO. BC1-01	SHEET NO. 1/3
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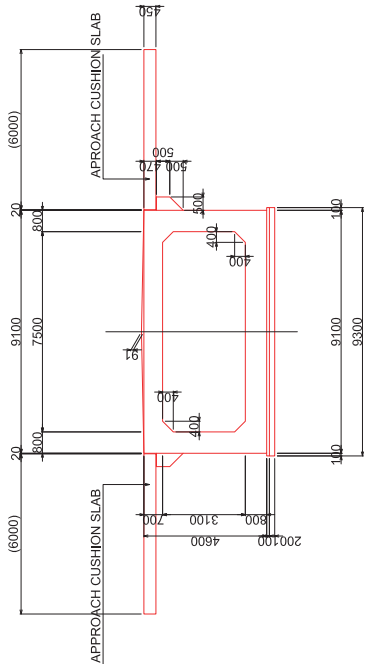
NO.15 BOX CULVERT
GENERAL DRAWINGS (2)

S=1:100

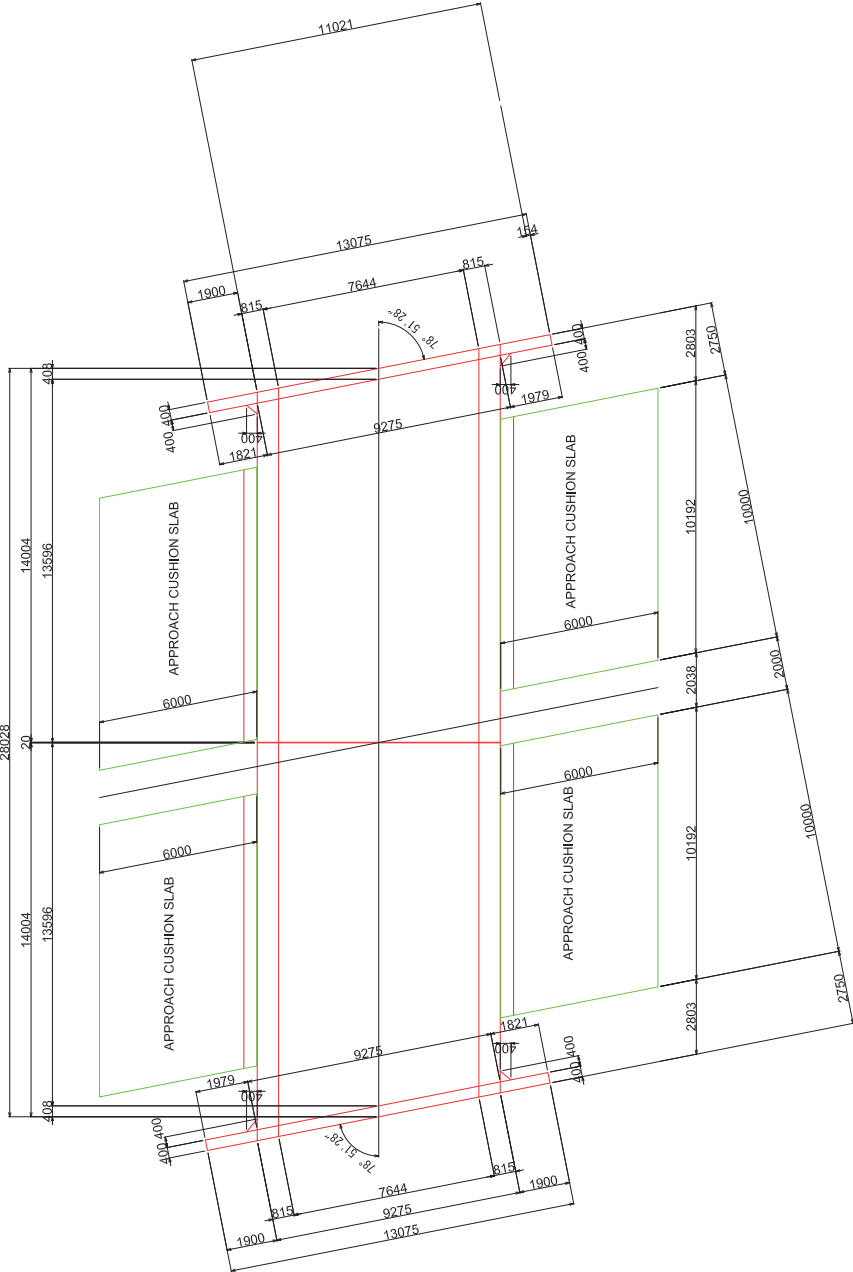
SIDE VIEW



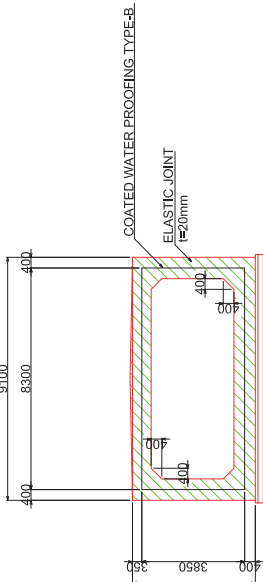
CROSS SECTION



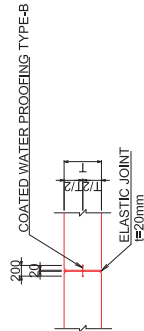
PLAN



JOINT CROSS SECTION



DETAILS OF ELASTIC JOINT
AND WATER PROOFING S=1:50

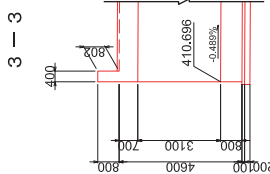
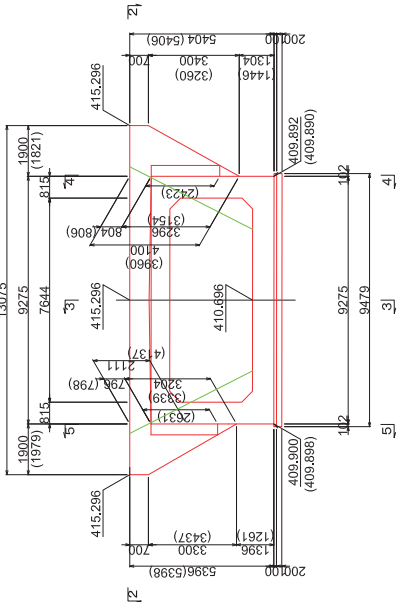


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.15 BOX CULVERT GENERAL DRAWINGS (2)			CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:50	DATE	DRAWING NO. BC1-02	SHEET NO. 2/3

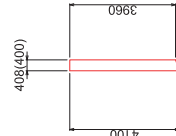
NO.15 BOX CULVERT
GENERAL DRAWINGS (3) S=1:100

WING WALL ON FRONT(UPSTREAM) SIDE

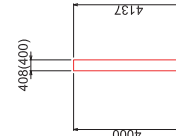
1 — 1



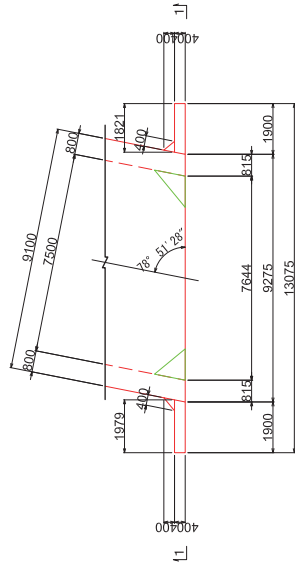
4 — 4



5 — 5

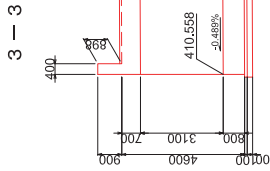
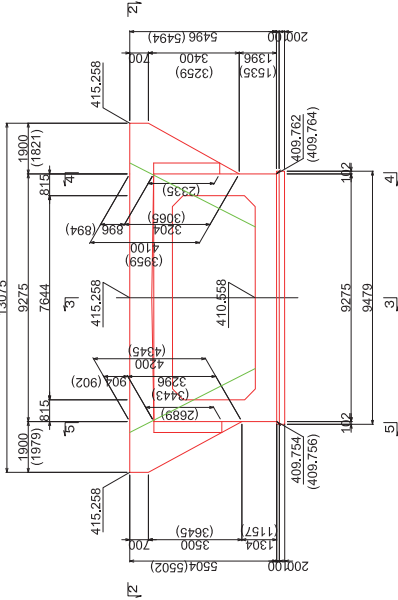


2 — 2

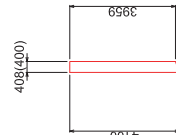


WING WALL ON BACK(DOWNSTREAM) SIDE

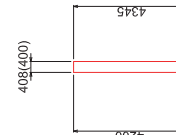
1 — 1



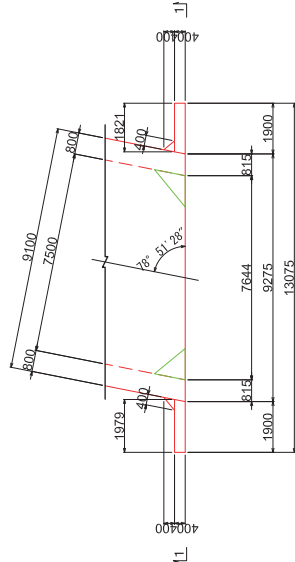
4 — 4



5 — 5



2 — 2

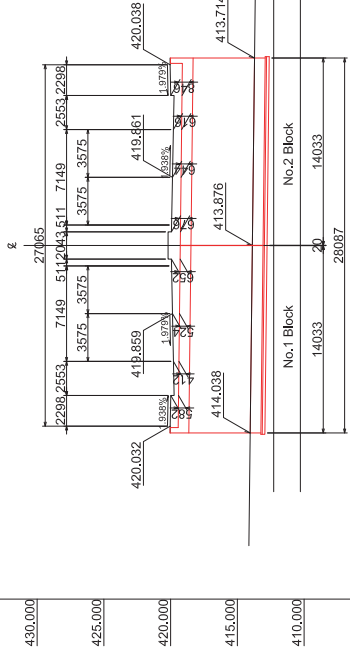


NOTE: THE FIGURES IN PARENTHESES, (), SHOW DIMENSIONS ON BACKSIDE OF THE WING WALL.

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.15 BOX CULVERT GENERAL DRAWINGS (3)			CHECKED	APPROVED	SCALE (A1 SIZE) 1:100	DATE	DRAWING NO. BC1-03	SHEET NO. 3/3

NO.16 BOX CULVERT
GENERAL DRAWINGS (1)

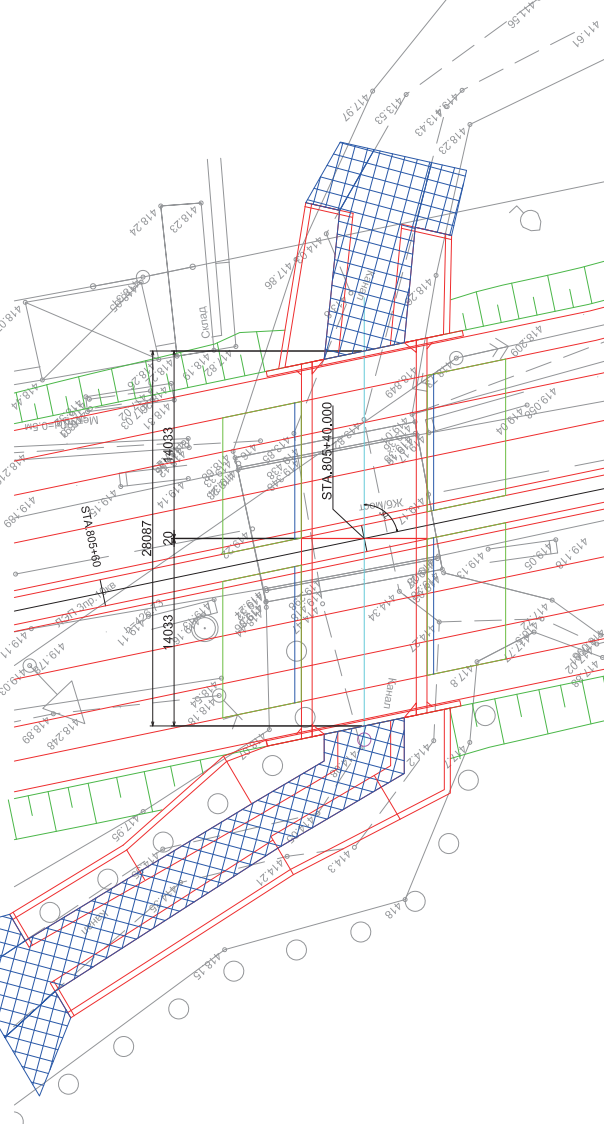
SIDE VIEW S=1:200



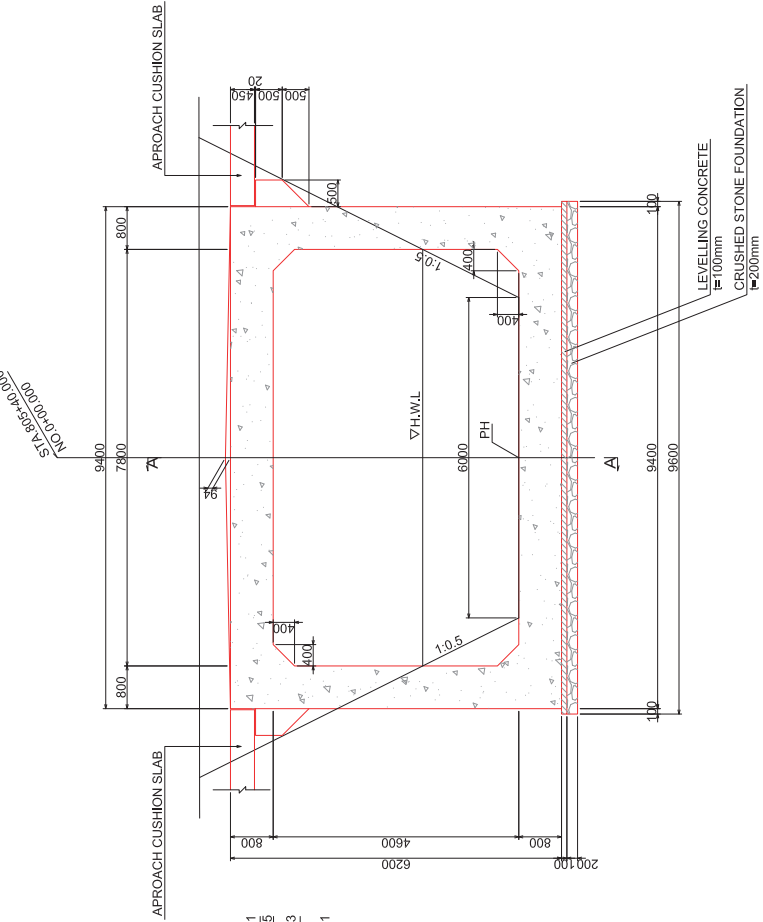
C=193.8, Q=36.6, v=18 N=31
C=93.8, Q=30, v=18 N=15
C=81.3, Q=29, v=18 N=13
C=318.8, Q=42.7, v=20 N=51

Gradient	413.604	413.604	413.604	413.604
Proposed Height	9.510	14.043	413.714	413.714
Distance	0.000	413.876	414.038	414.038
Station	NO.0	NO.0	NO.0	NO.0

PLAN S=1:200



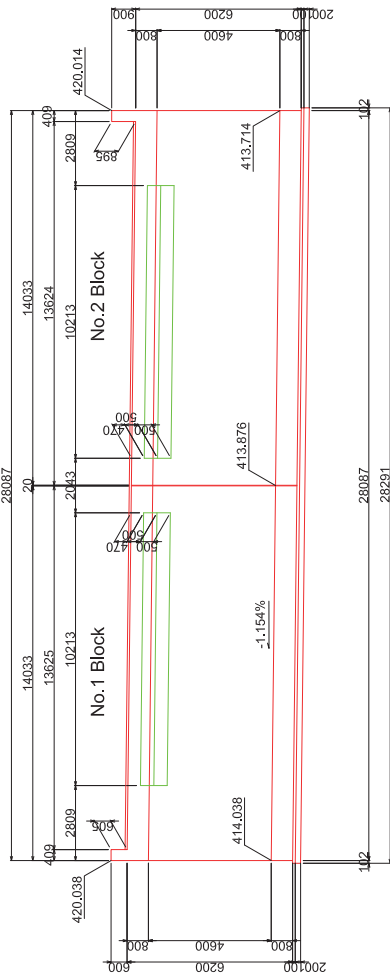
CROSS SECTION S=1:50



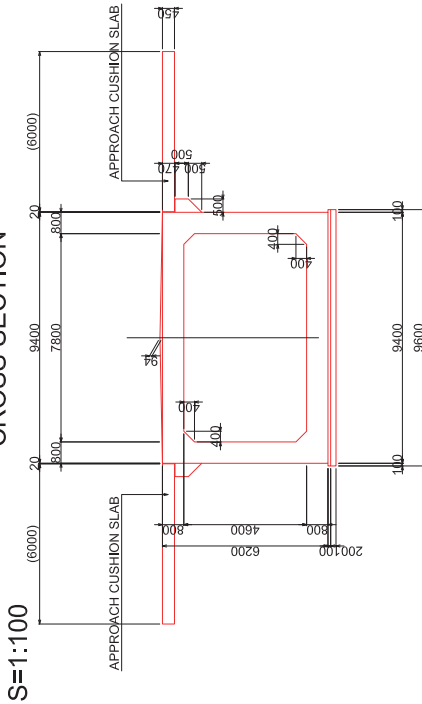
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.16 BOX CULVERT GENERAL DRAWINGS (1)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:200 1:50	DATE	DRAWING NO. BC2-01	SHEET NO. 1/3
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NO.16 BOX CULVERT
GENERAL DRAWINGS (2)

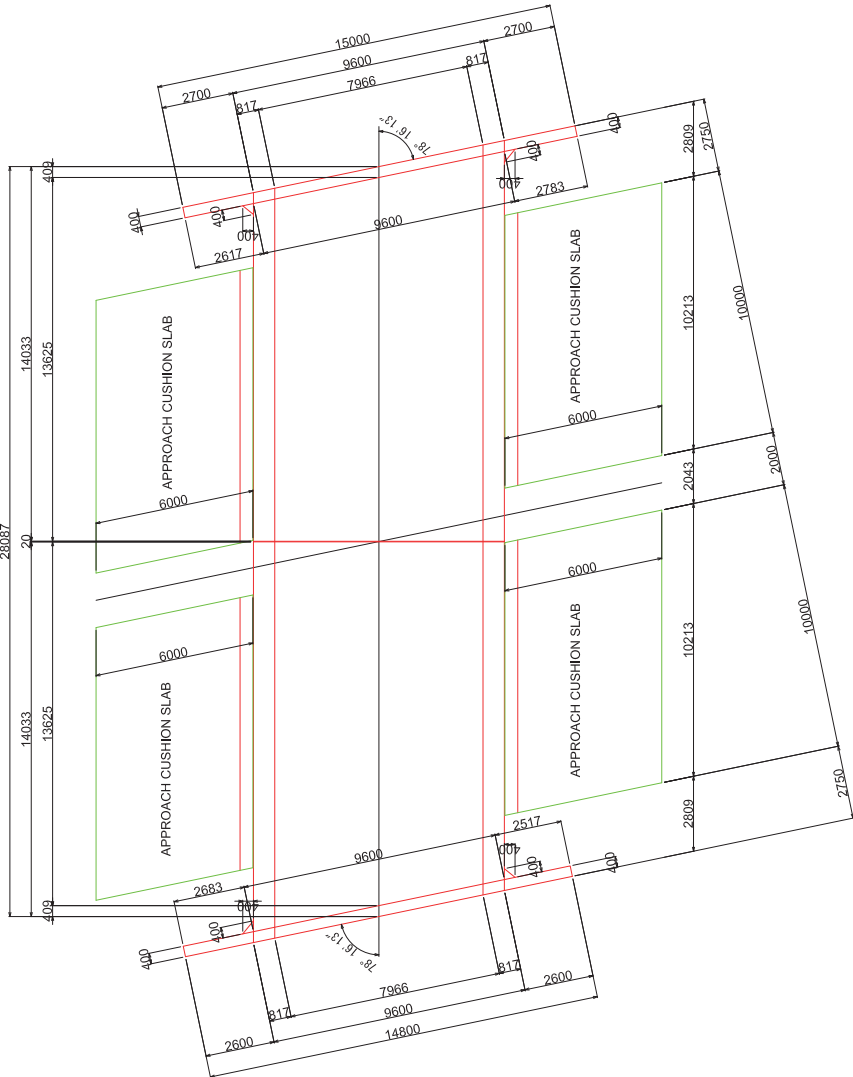
SIDE VIEW



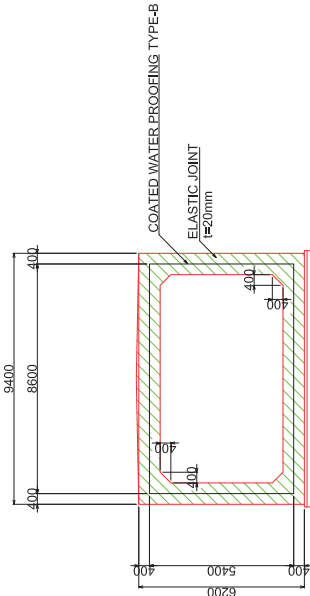
CROSS SECTION



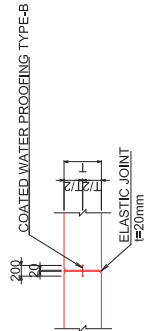
PLAN



JOINT CROSS SECTION



DETAIL OF ELASTIC JOINT - WATER PROOFING
S=1:50

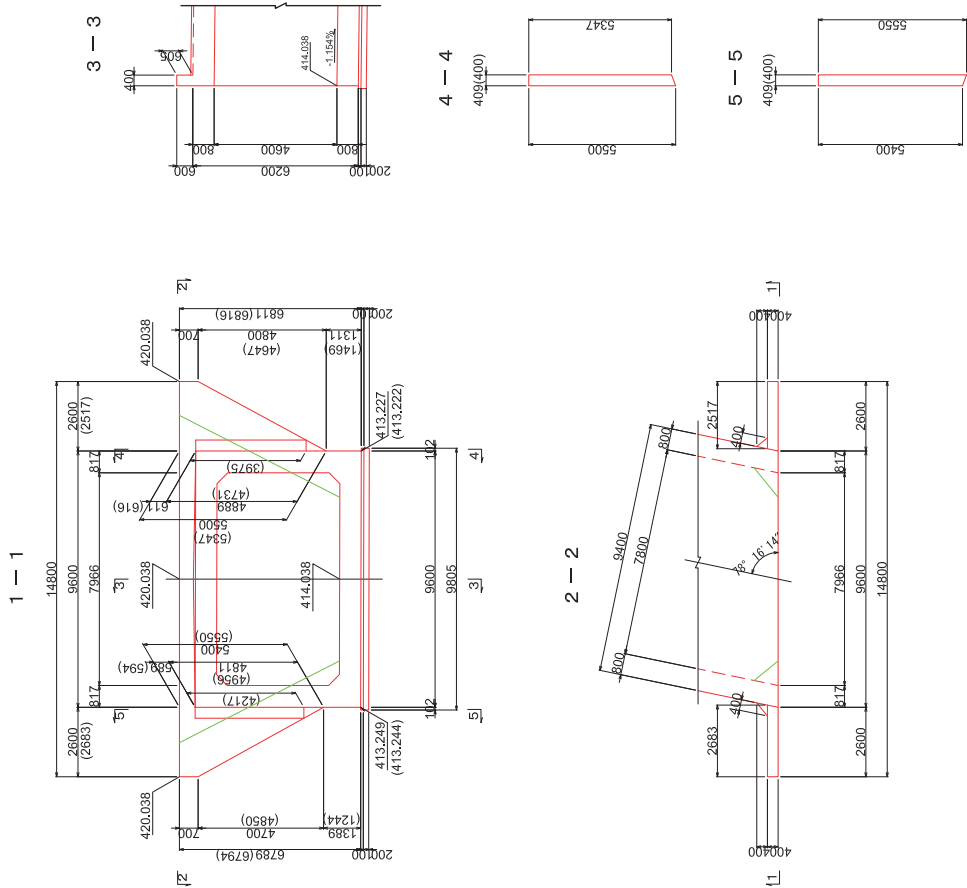


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.16 BOX CULVERT GENERAL DRAWINGS (2)			CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:50	DATE	DRAWING NO. BC2-02	SHEET NO. 2/3
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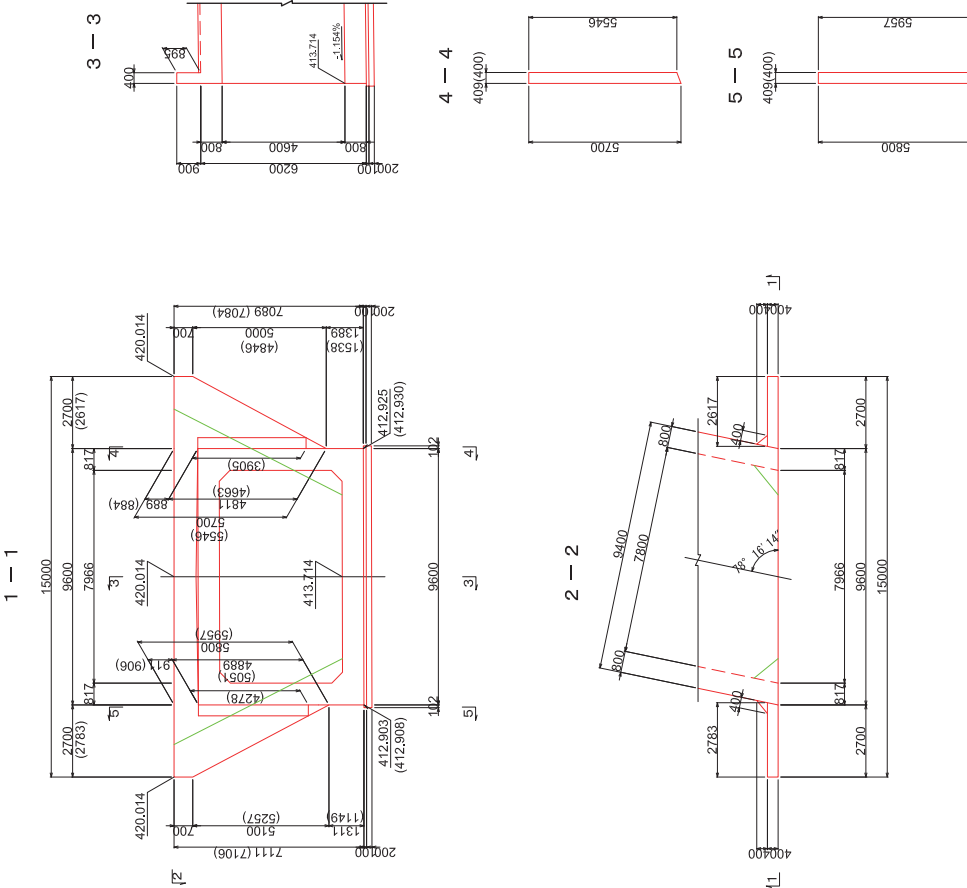
NO.16 BOX CULVERT
GENERAL DRAWINGS (3)

S=1:100

WING WALL ON FRONT(UPSTREAM) SIDE



WING WALL ON BACK(DOWNSTREAM) SIDE

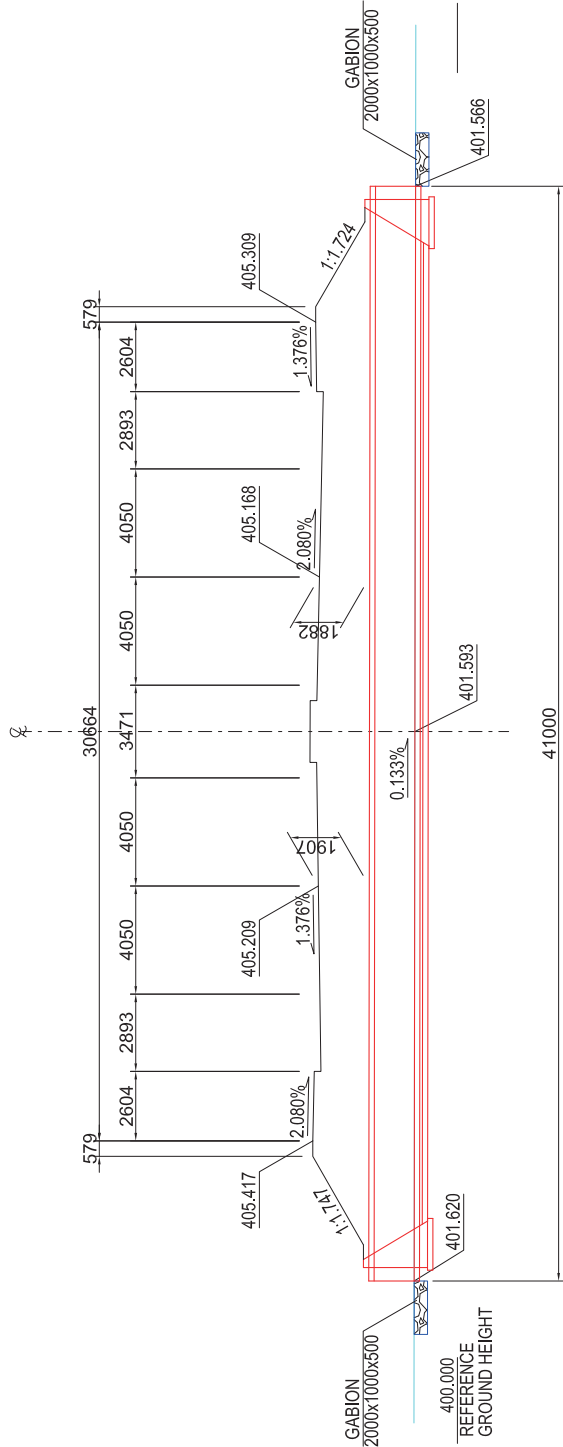


NOTE: THE FIGURES IN PARENTHESES, (), SHOW DIMENSIONS ON BACKSIDE OF THE WING WALL.

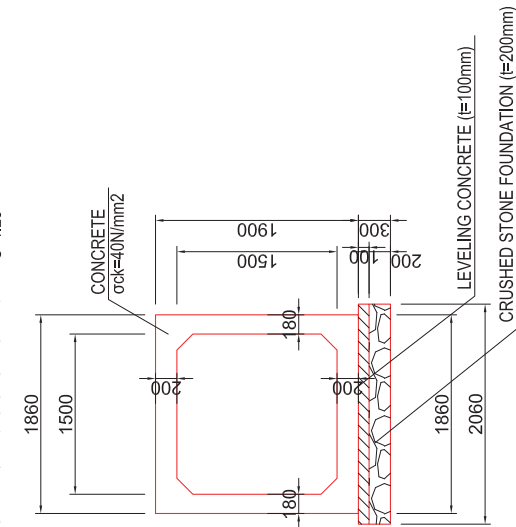
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.16 BOX CULVERT GENERAL DRAWINGS (3)			CHECKED	APPROVED	SCALE (A1 SIZE) 1:100	DATE	DRAWING NO. BC2-03	SHEET NO. 3/3

NO.1 CROSS DRAINAGE BOX CULVERT
GENERAL DRAWINGS (1)

1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



PLAN S=1:100

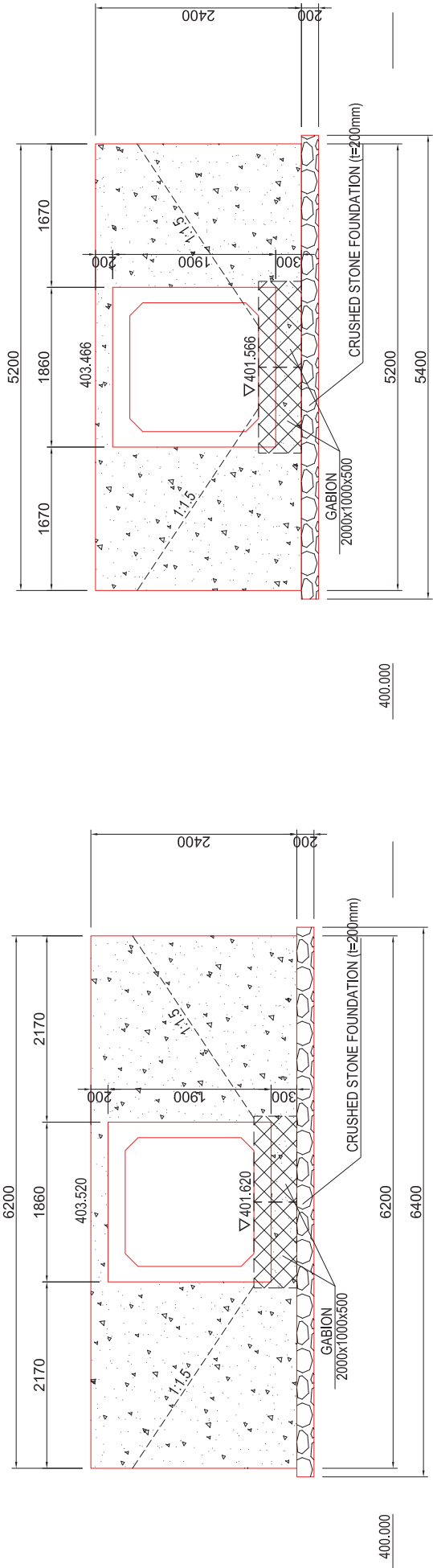


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.1 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE	DRAWING NO. DC-01	SHEET NO. 1/16
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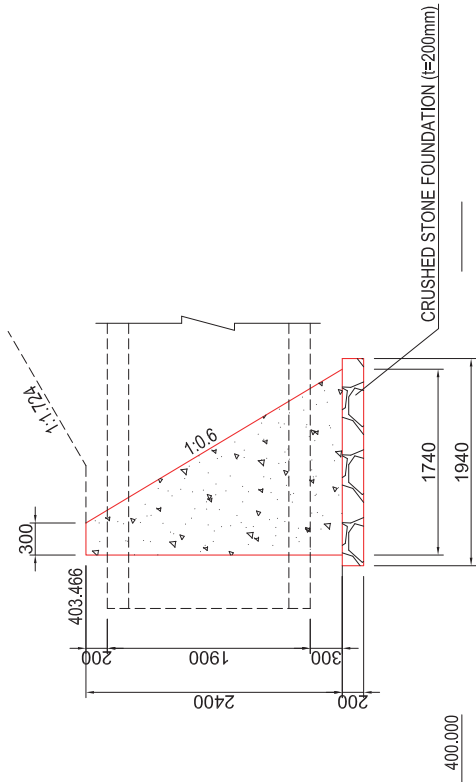
NO.1 CROSS DRAINAGE BOX CULVERT
GENERAL DRAWINGS (2)

S=1:25

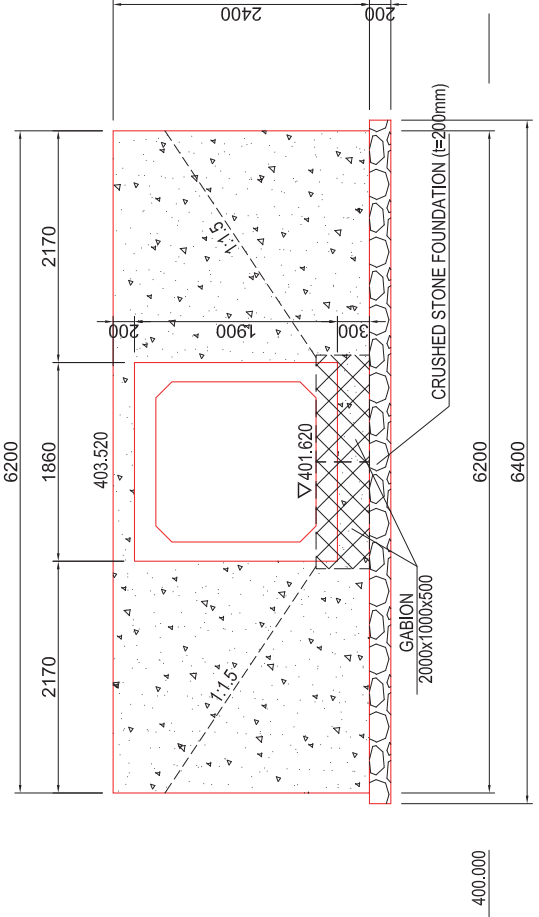
RIGHT SIDE
(DOWNSTREAM SIDE)
FRONT VIEW



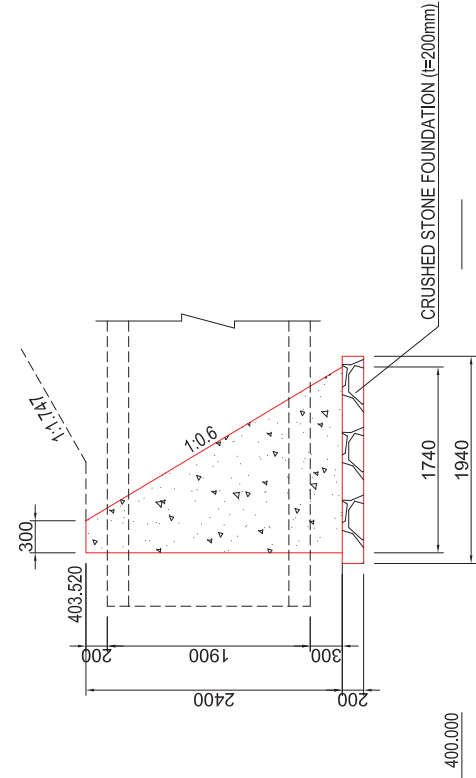
CROSS SECTION



LEFT SIDE
(UPSTREAM SIDE)
FRONT VIEW



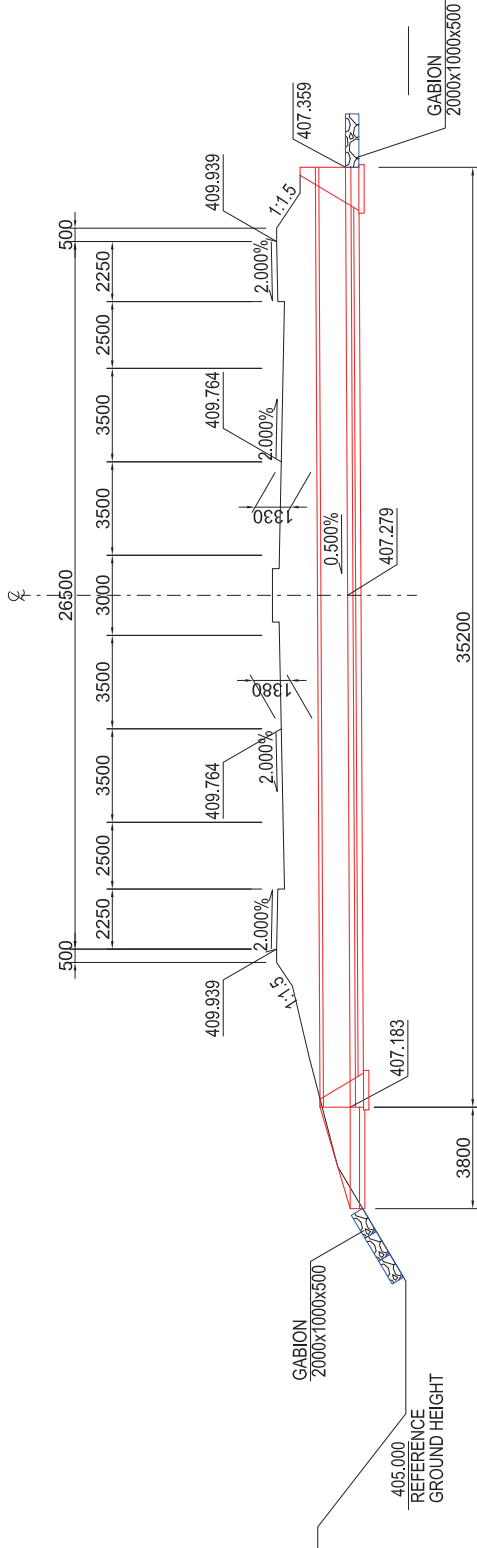
CROSS SECTION



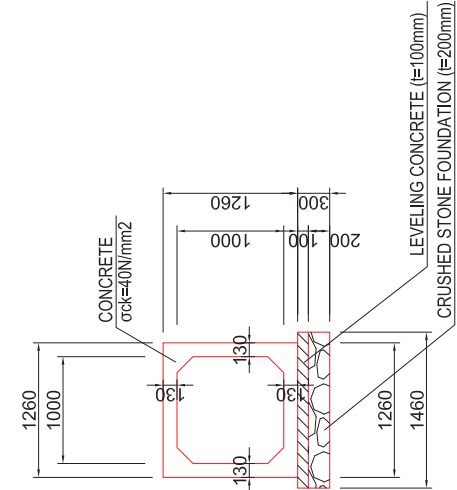
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.1 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2)			CHECKED	APPROVED	SCALE (A1 SIZE)	DATE	DRAWING NO.	SHEET NO.
								1:25		DC-02	2/16

NO.2 CROSS DRAINAGE BOX CULVERT
GENERAL DRAWINGS (1)

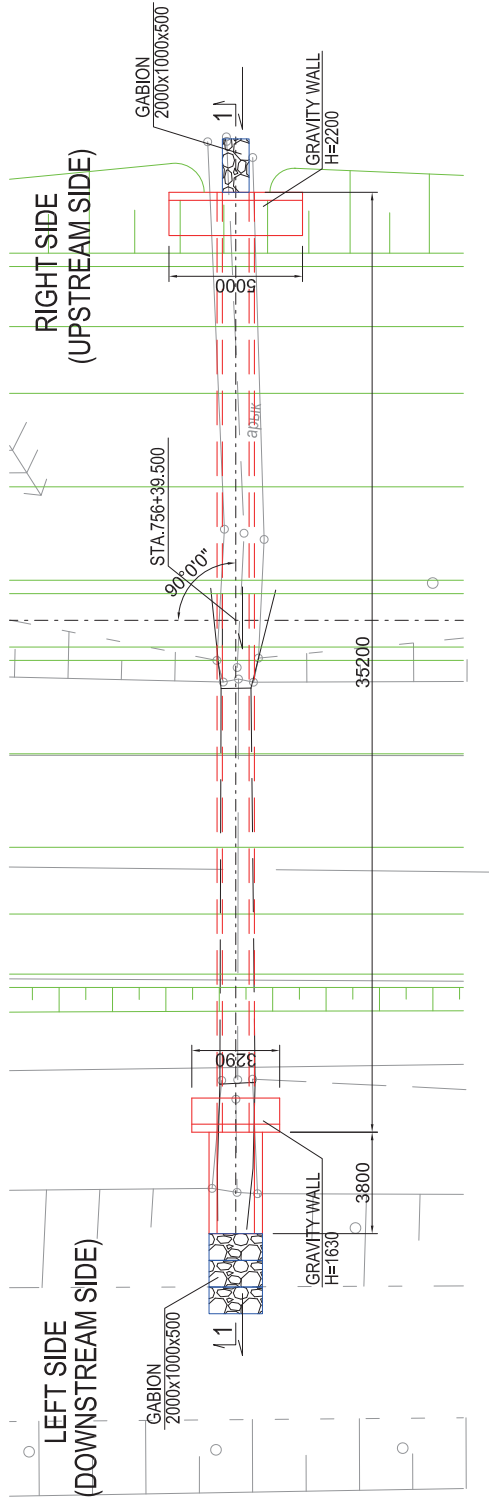
1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



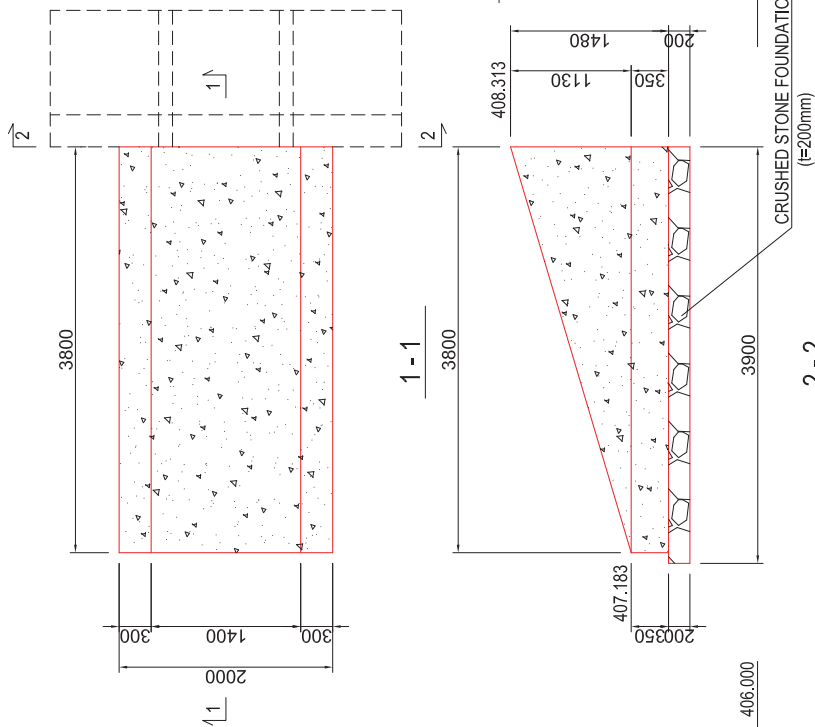
PLAN S=1:100



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.2 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE	DRAWING NO. DC-03	SHEET NO. 3/16
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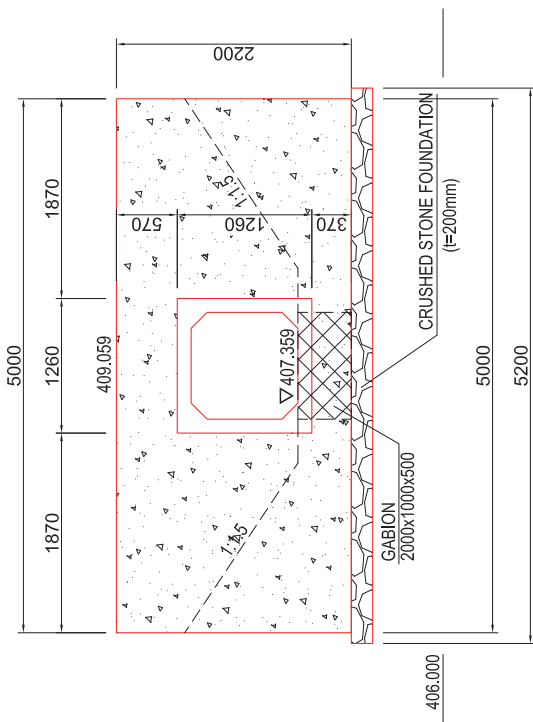
NO.2 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2) S=1:25

LEFT SIDE
(DOWNSTREAM SIDE)

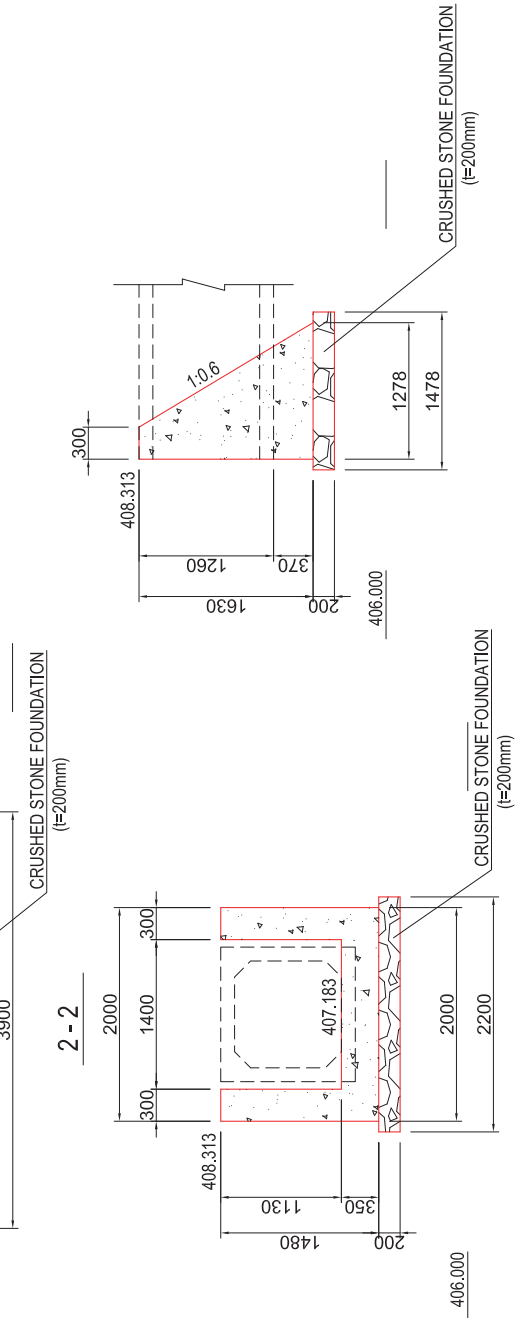


RIGHT SIDE
(UPSTREAM SIDE)

FRONT VIEW

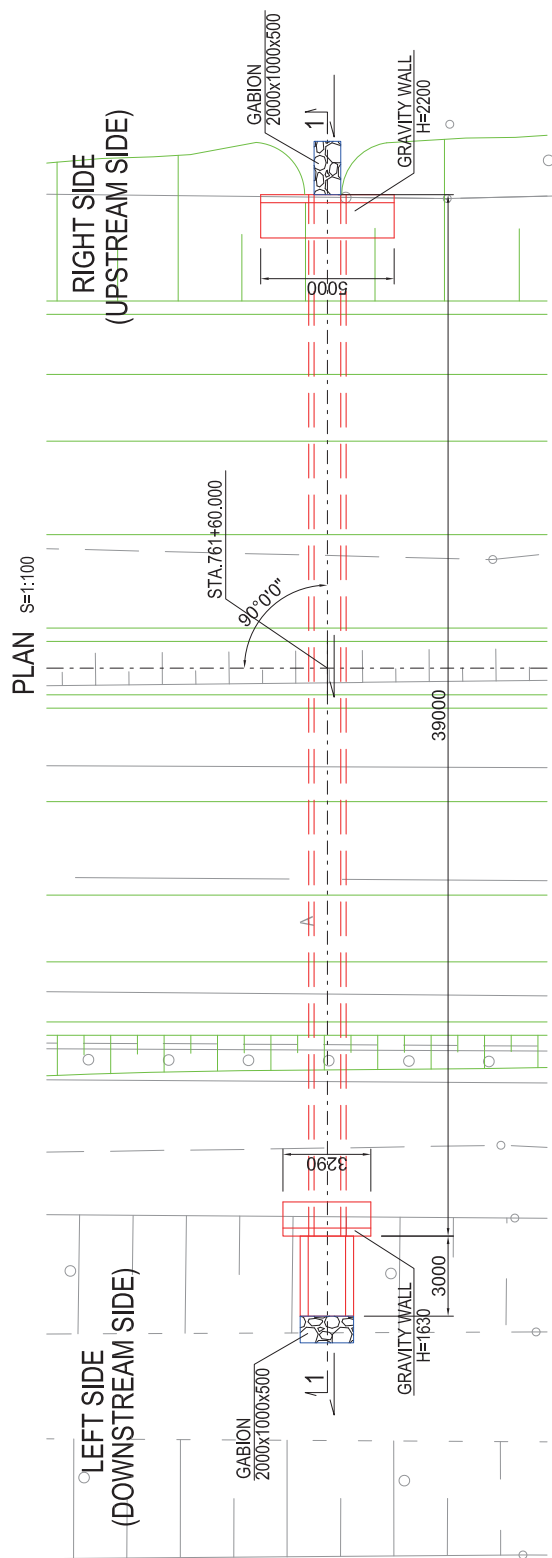


CROSS SECTION



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.2 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2)				CHECKED	APPROVED	SCALE (A1 SIZE)	DATE	DRAWING NO. DC-04	SHEET NO. 4/16

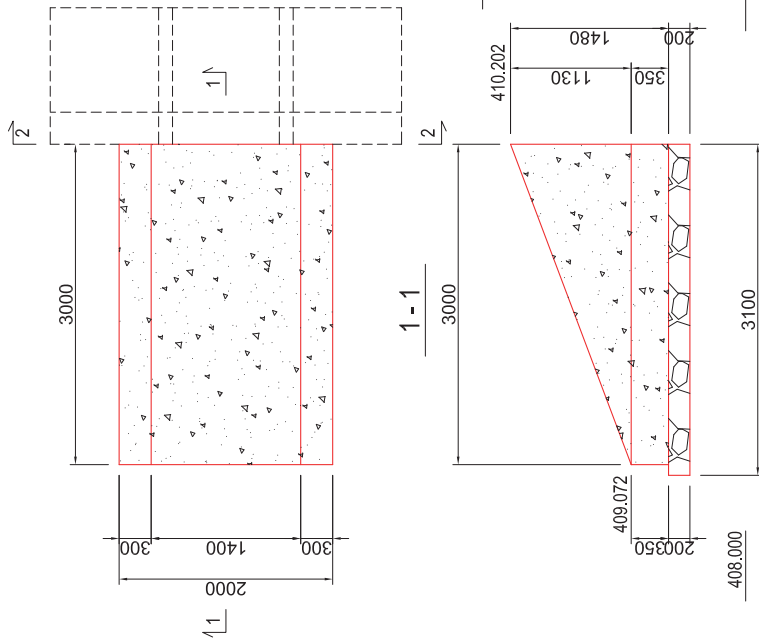
TYPICAL CROSS SECTION



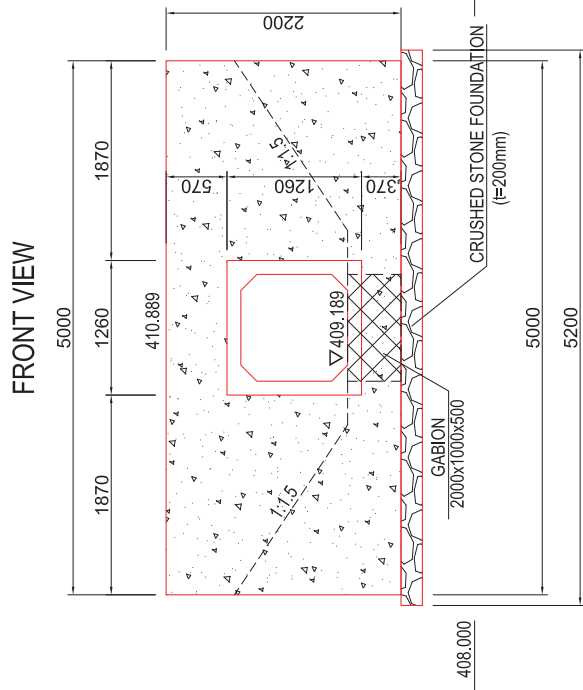
Appendix 9 - 60

NO.3 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2) S=1:25

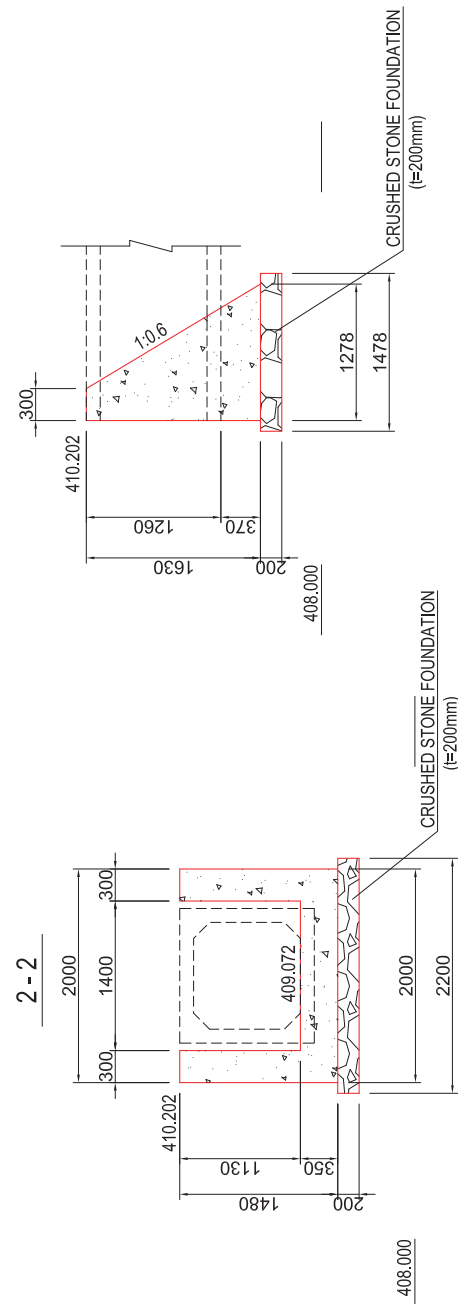
LEFT SIDE
(DOWNSTREAM SIDE)



RIGHT SIDE
(UPSTREAM SIDE)

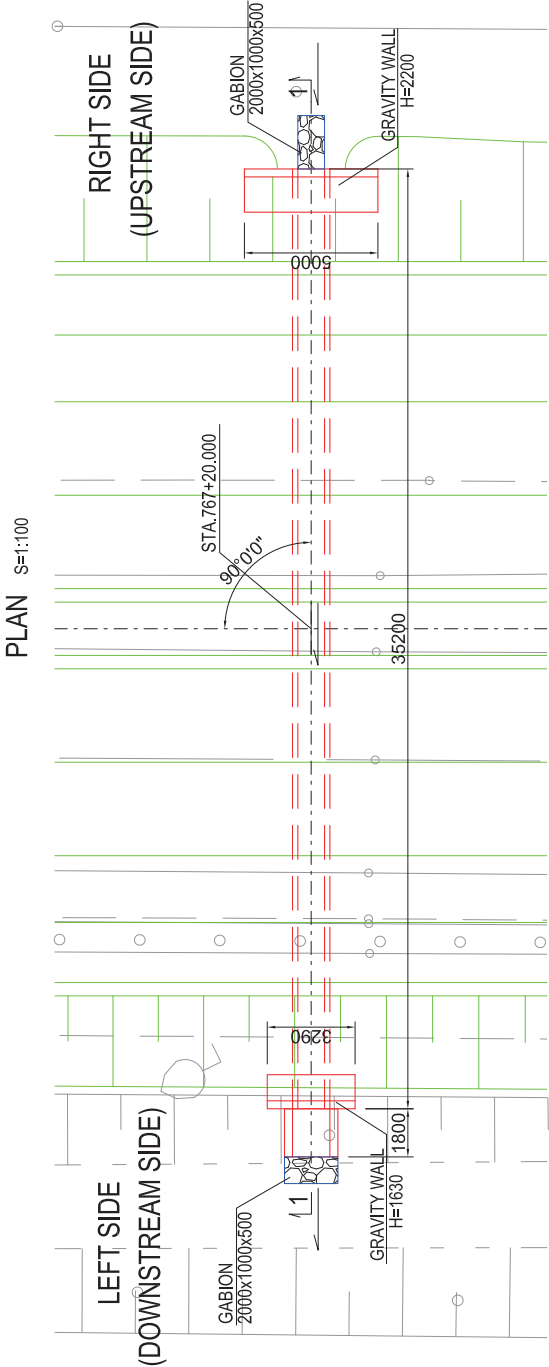
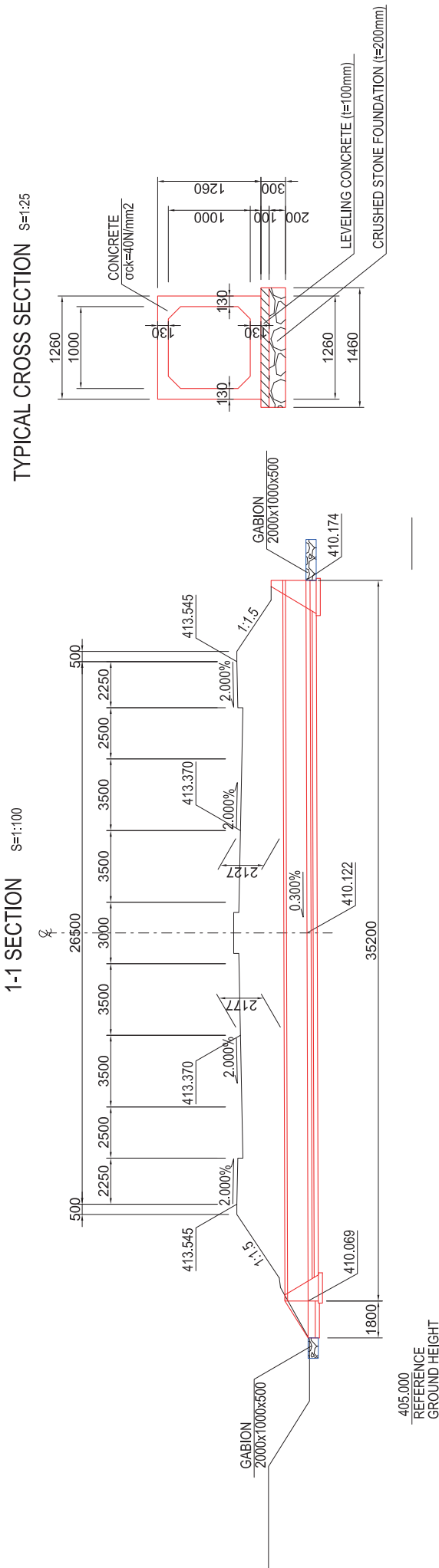


CROSS SECTION



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.3 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2)			CHECKED	APPROVED	SCALE (A1 SIZE)	DATE	DRAWING NO. DC-06	SHEET NO. 6/16
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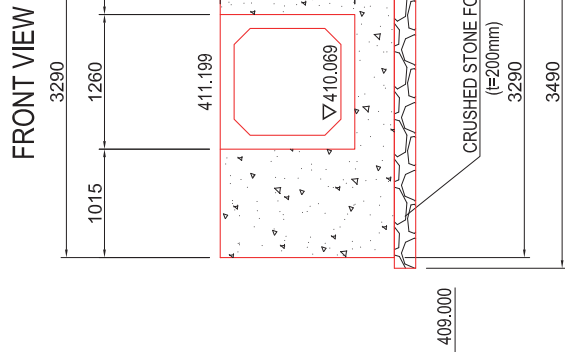
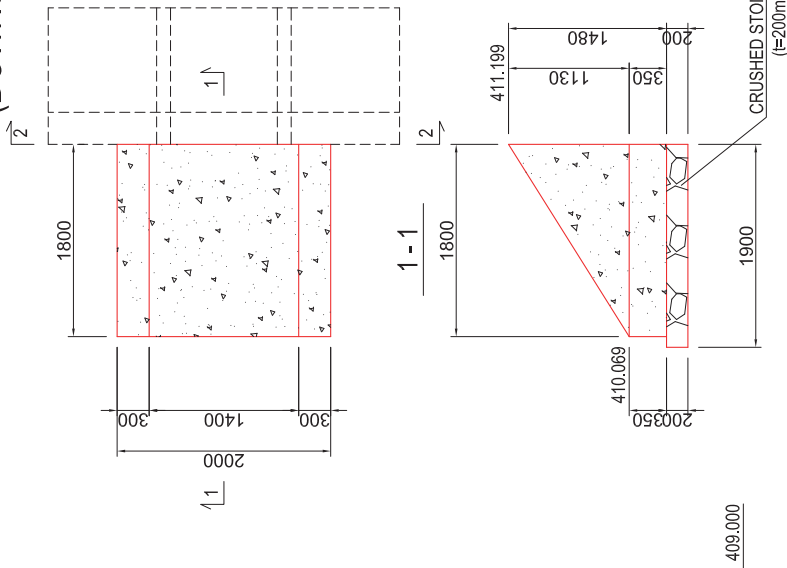
NO.4 CROSS DRAINAGE BOX CULVERT
GENERAL DRAWINGS (1)



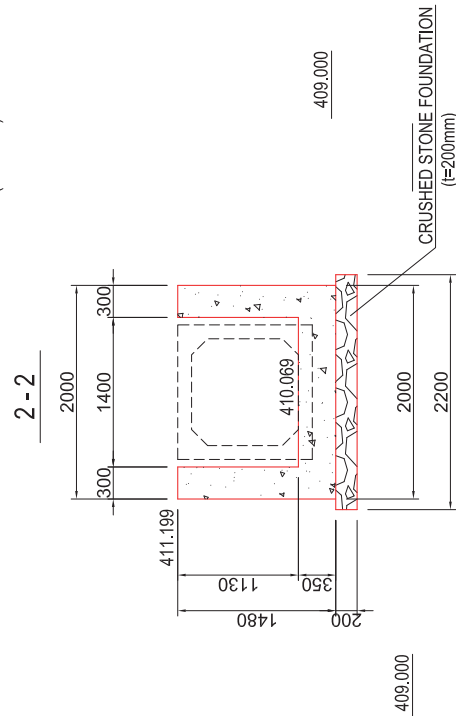
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.4 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)			CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE	DRAWING NO. DC-07	SHEET NO. 7/16
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NO.4 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2) S=1:25

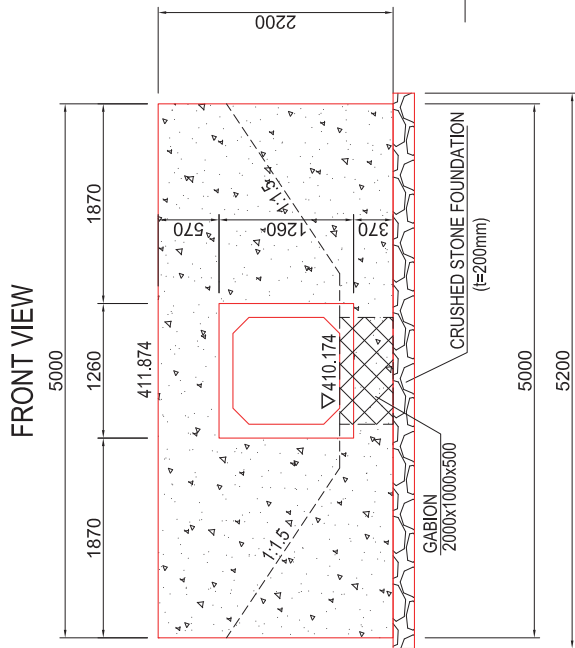
LEFT SIDE
(DOWNSTREAM SIDE)



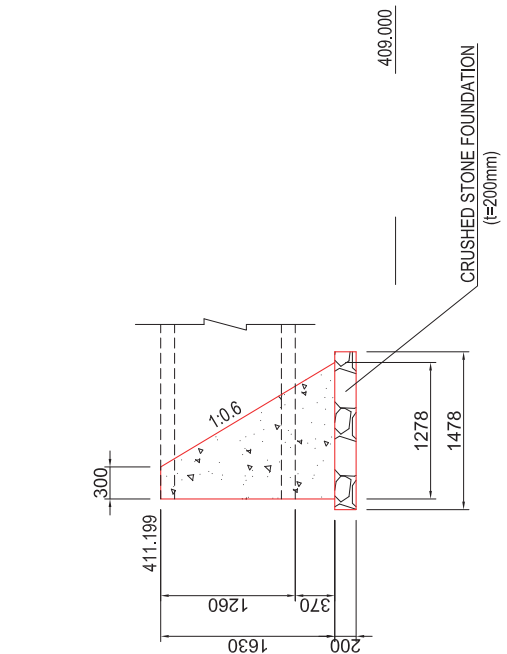
CROSS SECTION



RIGHT SIDE
(UPSTREAM SIDE)

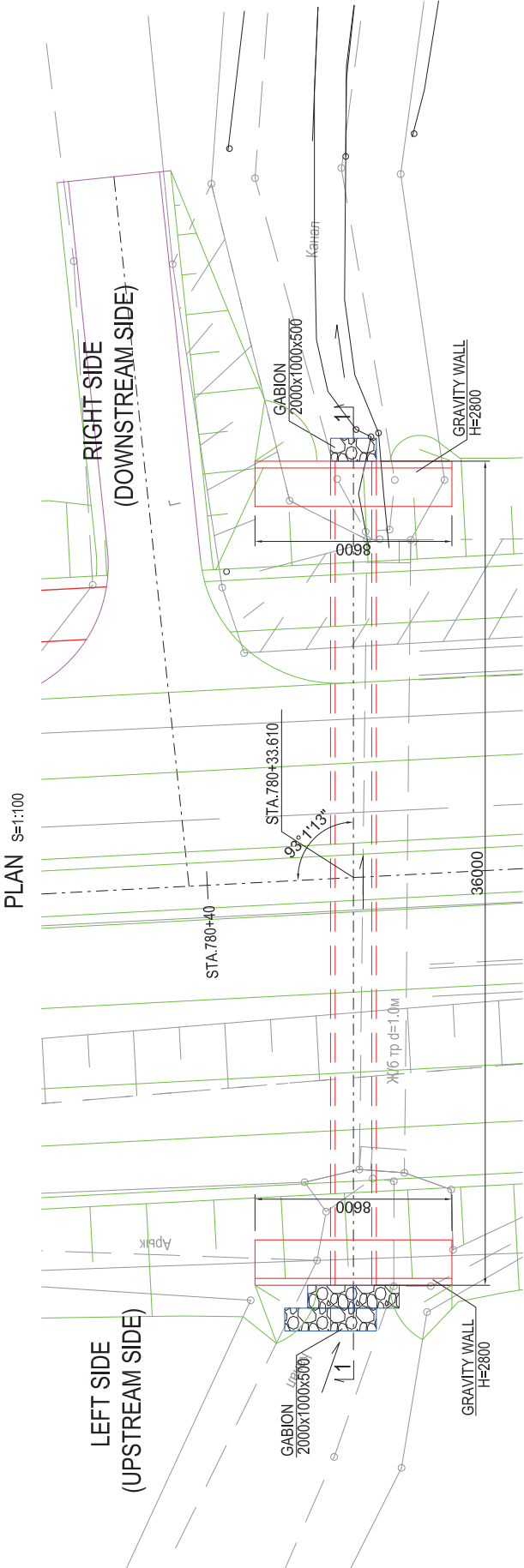
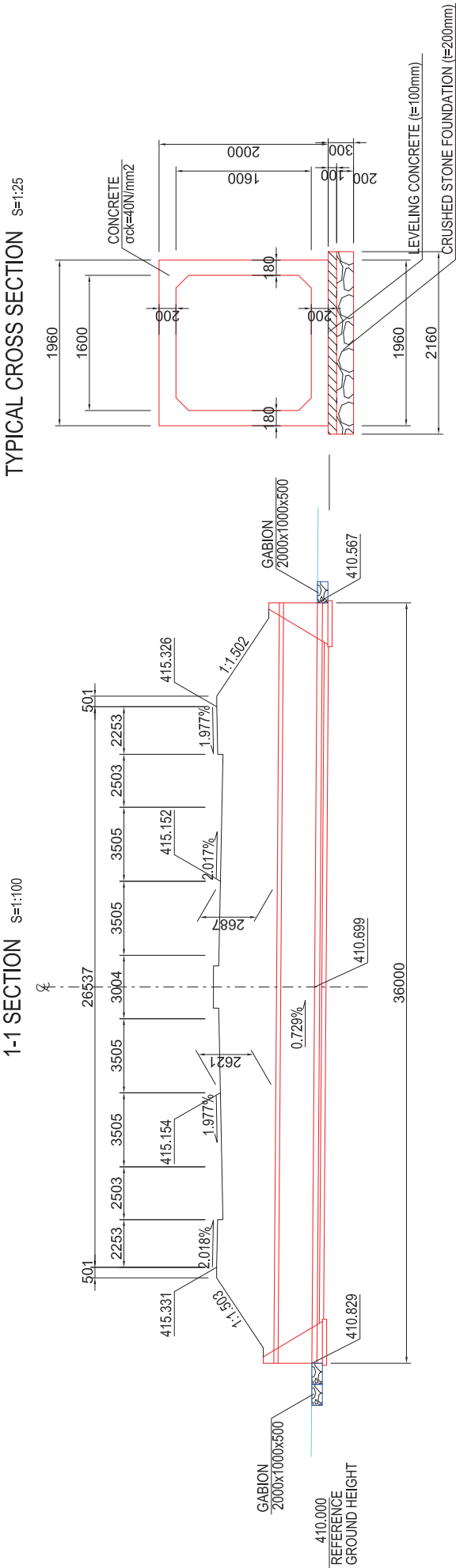


CROSS SECTION



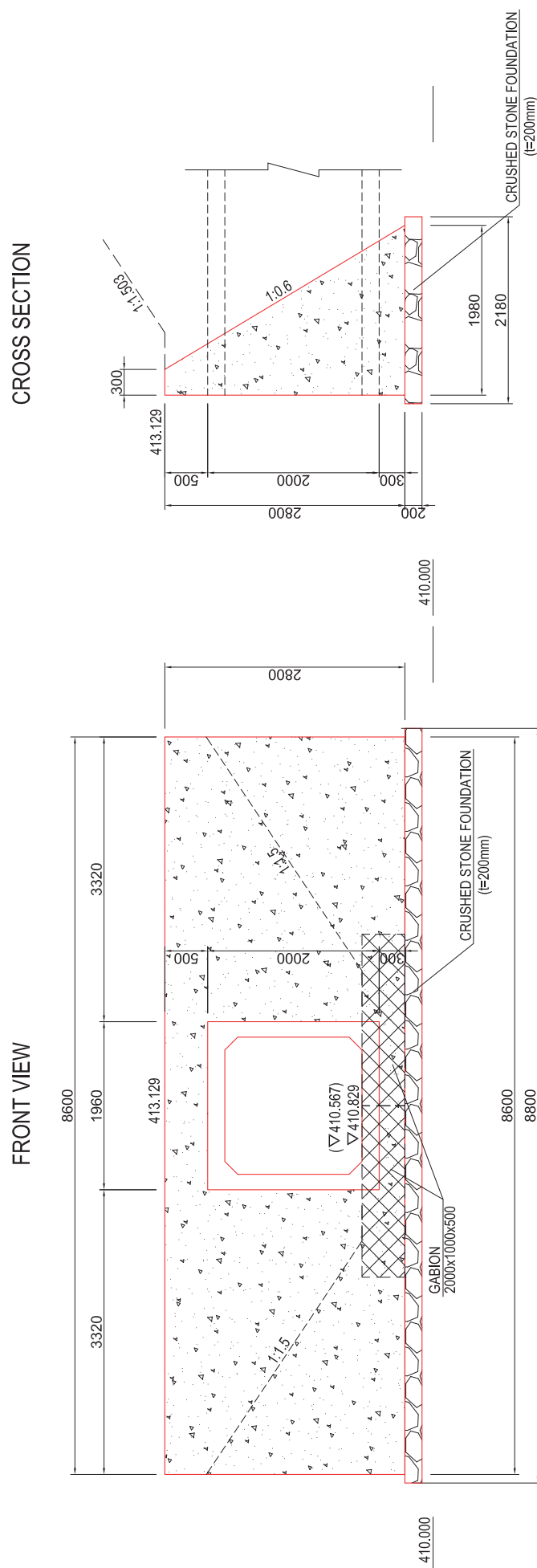
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.4 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2)				CHECKED	APPROVED	SCALE (A1 SIZE)	DATE	DRAWING NO. DC-08	SHEET NO. 8/16

NO.5 CROSS DRAINAGE BOX CULVERT
GENERAL DRAWINGS (1)



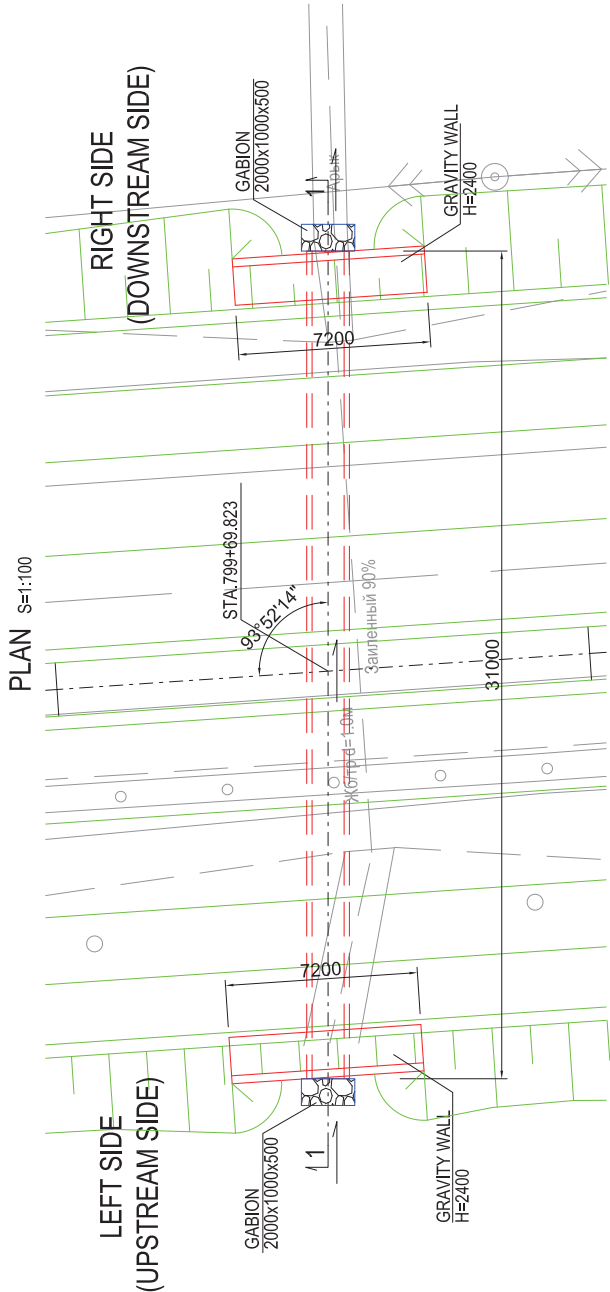
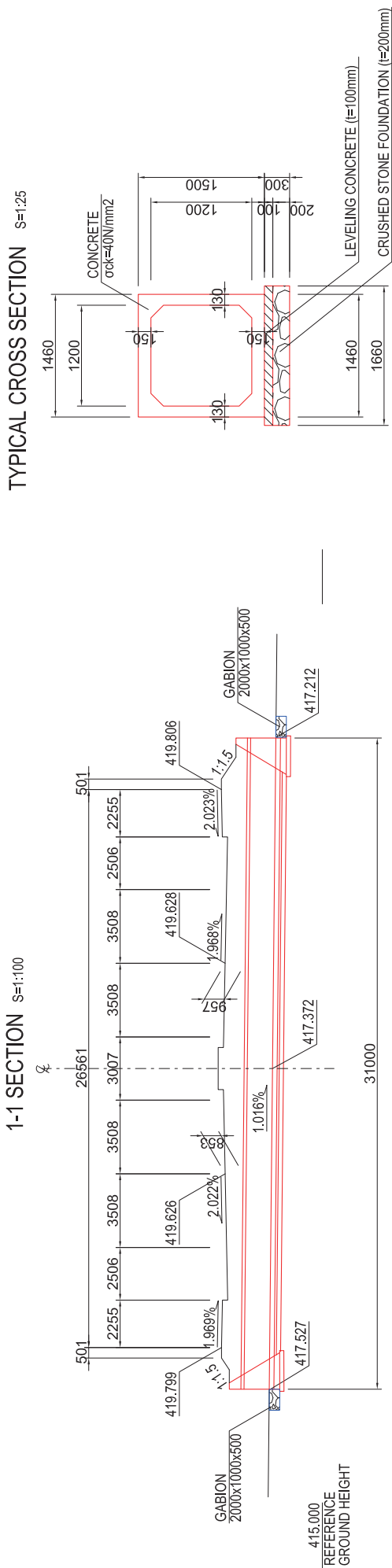
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.5 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)			CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE	DRAWING NO. DC-09	SHEET NO. 9/16
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LEFT(RIGHT) SIDE



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CITI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.5 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2)				CHECKED	APPROVED	SCALE (A1 SIZE)	DATE	DRAWING NO.	SHEET NO.
									1:25		DC-10	10/16

NO.6 CROSS DRAINAGE BOX CULVERT
GENERAL DRAWINGS (1)



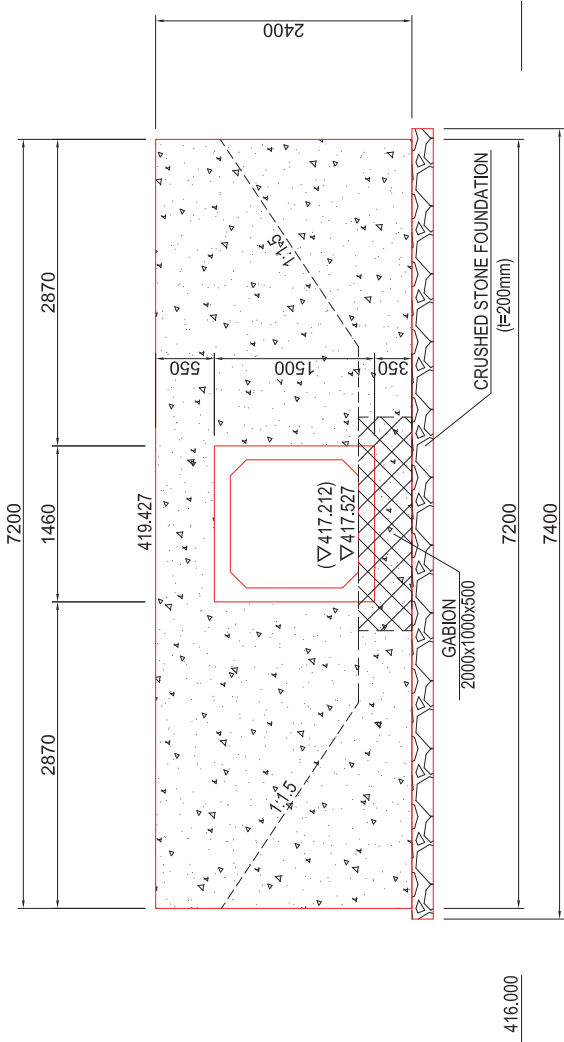
TYPICAL CROSS SECTION S=1:25

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.6 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE	DRAWING NO. DC-11	SHEET NO. 11/16
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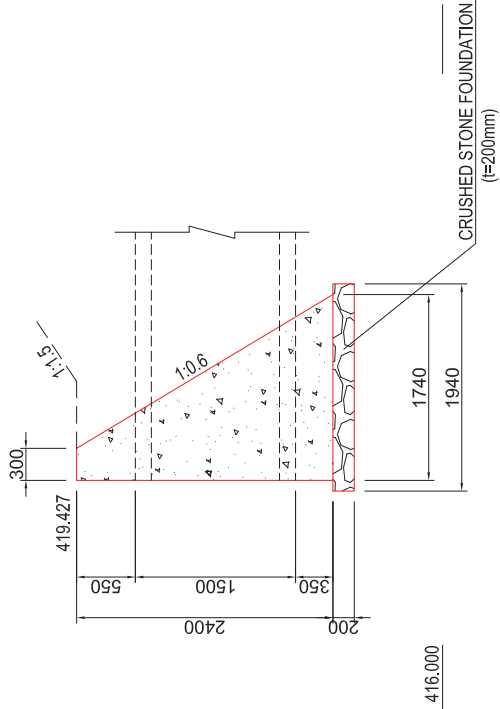
NO.6 CROSS DRAINAGE BOX CULVERT
GENERAL DRAWINGS (2) S=1:25

LEFT(RIGHT) SIDE

FRONT VIEW



CROSS SECTION

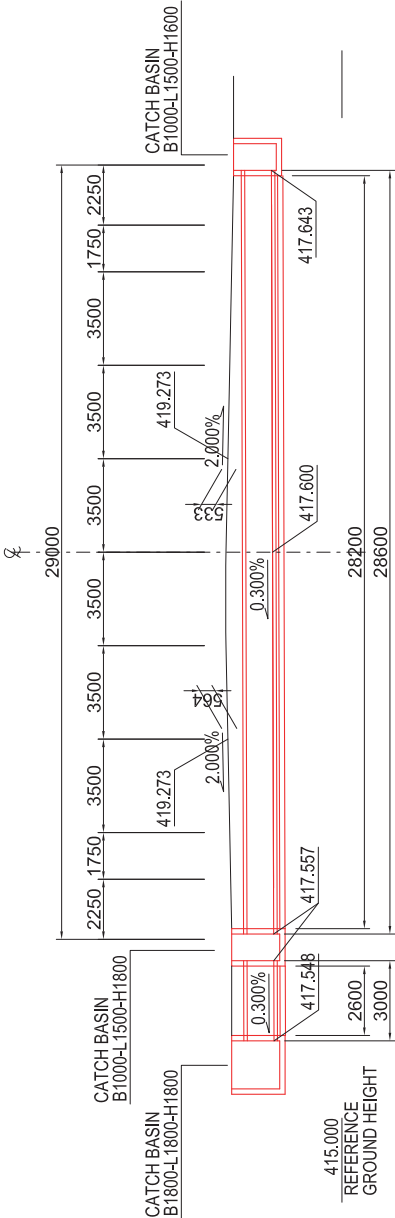


NOTE: A VALUE IS IN PARENTHESIS, (), SHOWS DATUM LINE OF RIGHT SIDE.

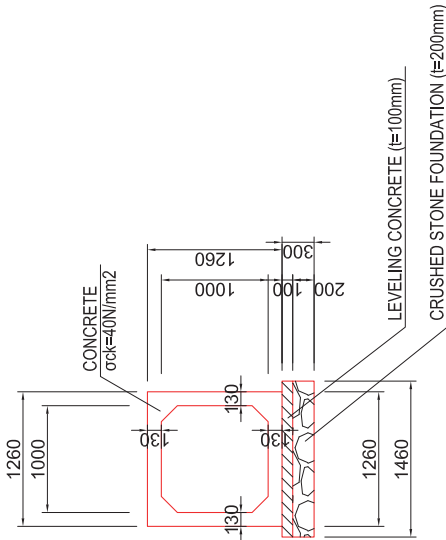
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.6 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2)			CHECKED	APPROVED	SCALE (A1 SIZE)	DATE	DRAWING NO. DC-12	SHEET NO. 12/16
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NO.7 CROSS DRAINAGE BOX CULVERT
GENERAL DRAWINGS (1)

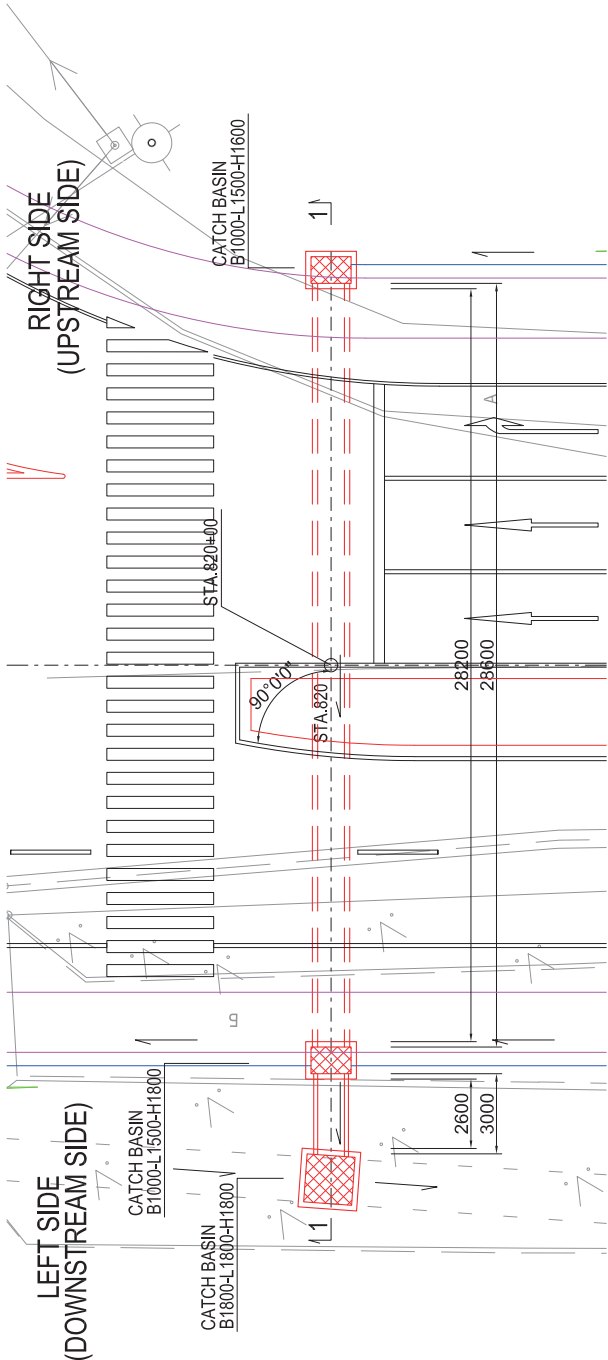
1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



PLAN S=1:100



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.7 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)				CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE	DRAWING NO. DC-13	SHEET NO. 13/16

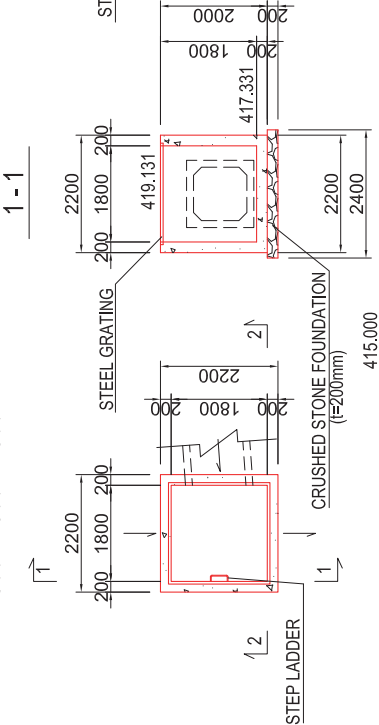
NO.7 CROSS DRAINAGE BOX CULVERT
GENERAL DRAWINGS (2) S=1:50

LEFT SIDE
(DOWNSTREAM SIDE)

RIGHT SIDE
(UPSTREAM SIDE)

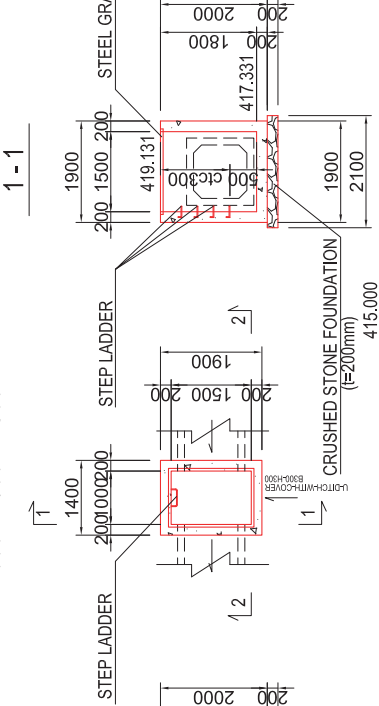
PLAN

B1800-L1800-H1800



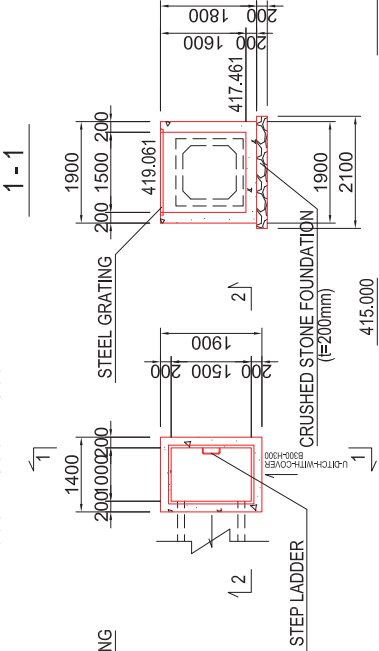
PLAN

B1000-L1500-H1800

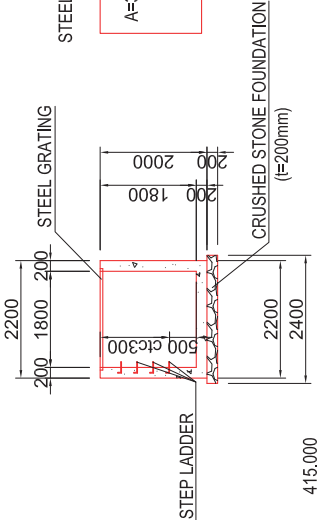


PLAN

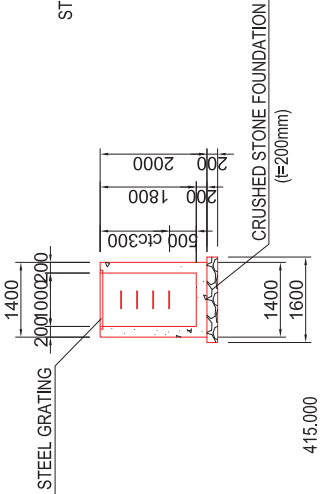
B1000-L1500-H1600



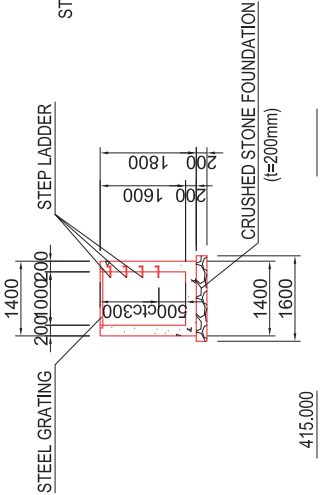
2 - 2



2 - 2

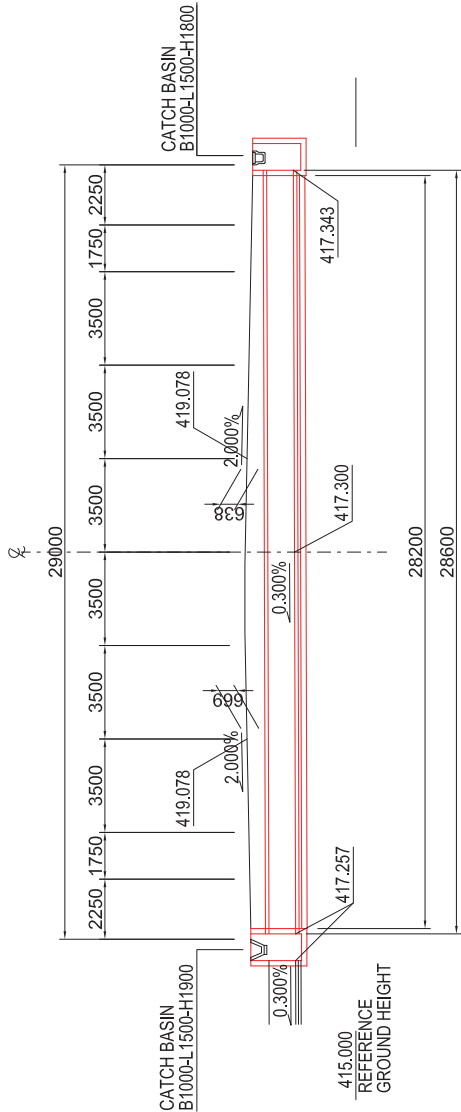


2 - 2

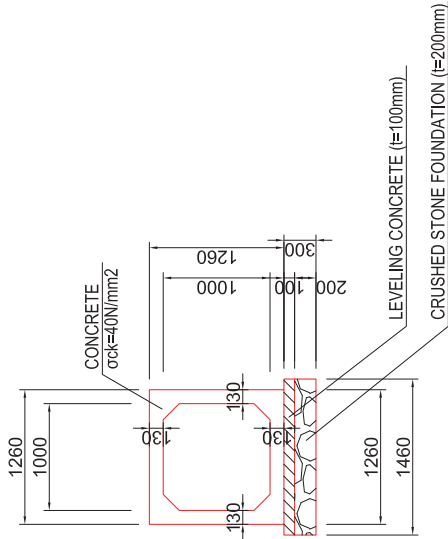


NO.8 CROSS DRAINAGE BOX CULVERT
GENERAL DRAWINGS (1)

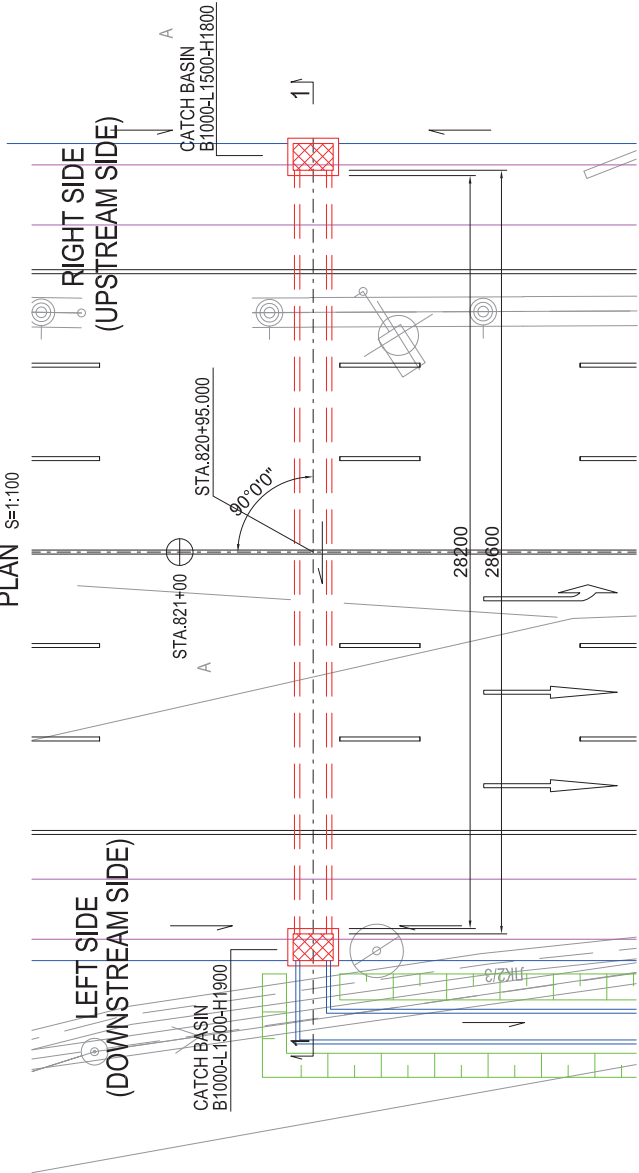
1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



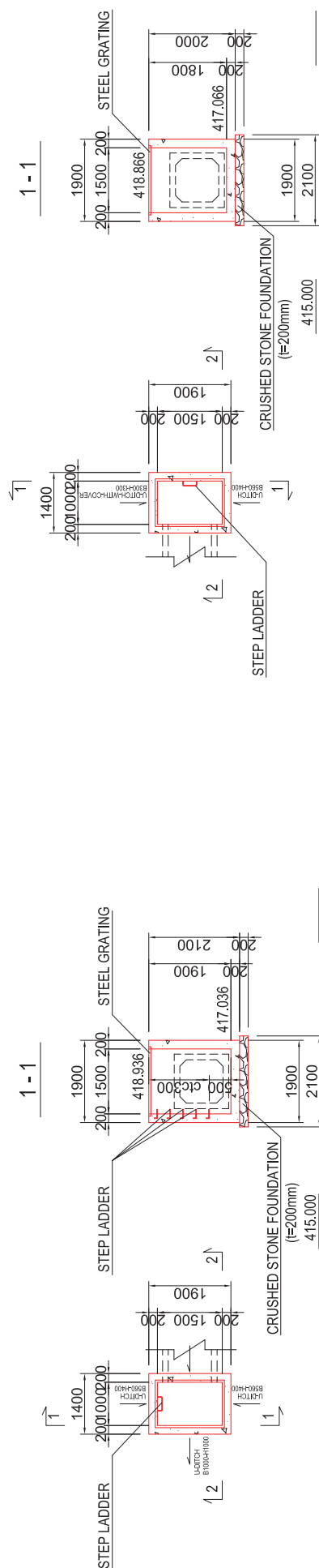
PLAN S=1:100



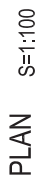
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.8 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)			CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE	DRAWING NO. DC-15	SHEET NO. 15/16

B1000-L1500-H1900

B1000-L1500-H1800



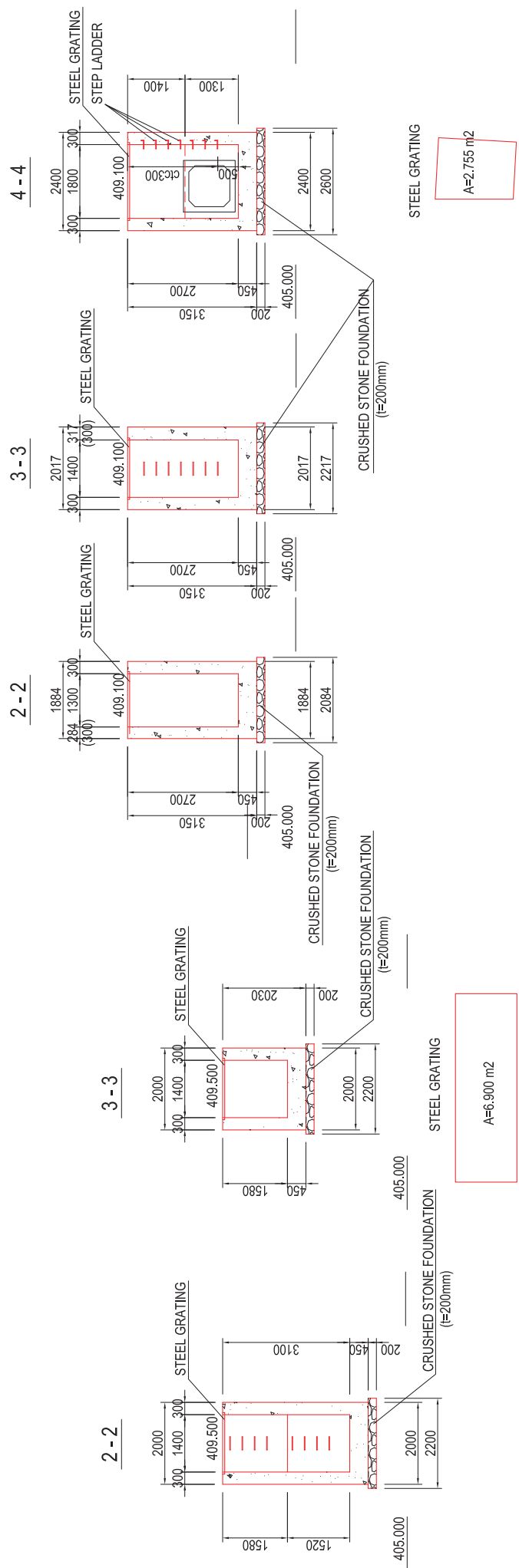
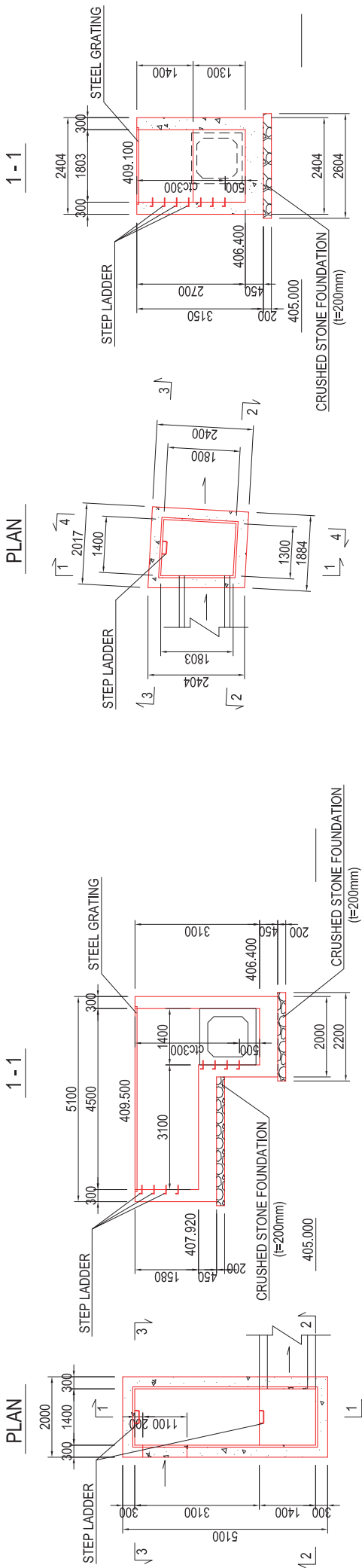
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.8 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2)	CHECKED	APPROVED	SCALE (A1 SIZE)	DATE	DRAWING NO.	SHEET NO.
						1:50		DC-16	16/16

TYPICAL CROSS SECTION
S=1:25

NO.1 SIPHON TYPE BOX CULVERT FOR IRRIGATION
GENERAL DRAWINGS (2) S=1:50

LEFT SIDE
(UPSTREAM SIDE)

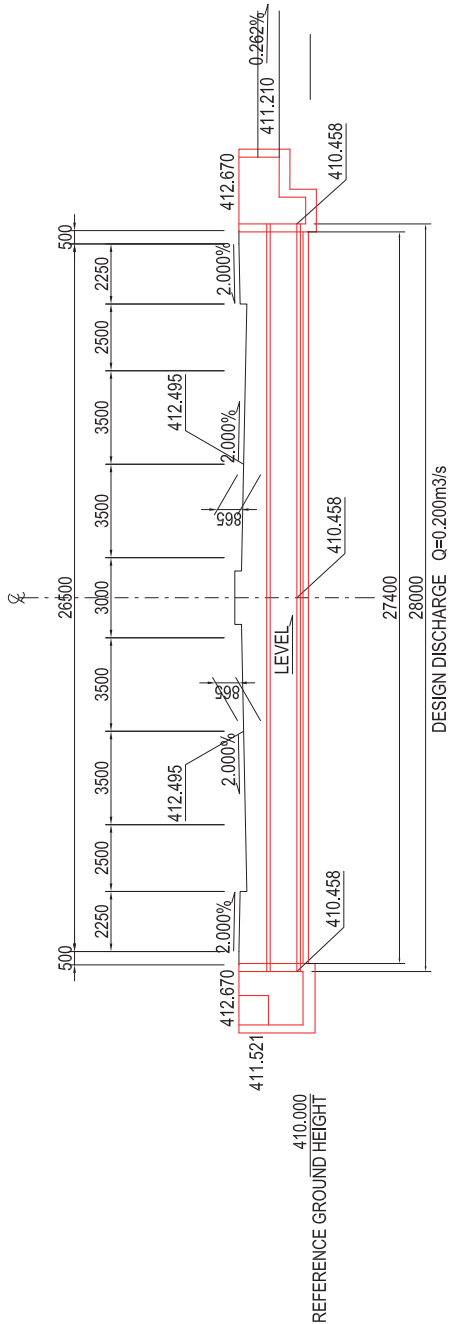
RIGHT SIDE
(UPSTREAM SIDE)



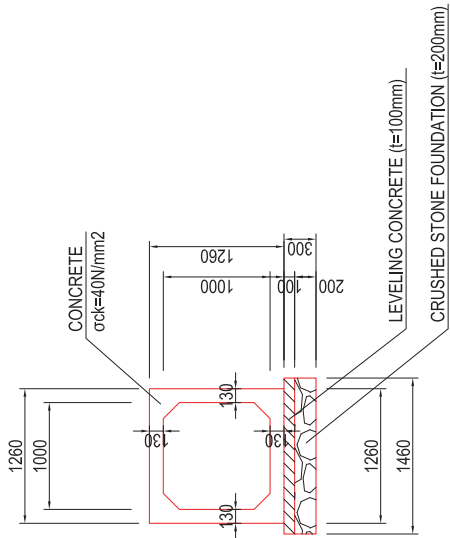
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.1 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (2)			CHECKED	APPROVED	SCALE (A1 SIZE) 1:50	DATE	DRAWING NO. SB-02	SHEET NO. 2/16

NO.2 SIPHON TYPE BOX CULVERT FOR IRRIGATION
GENERAL DRAWINGS (1)

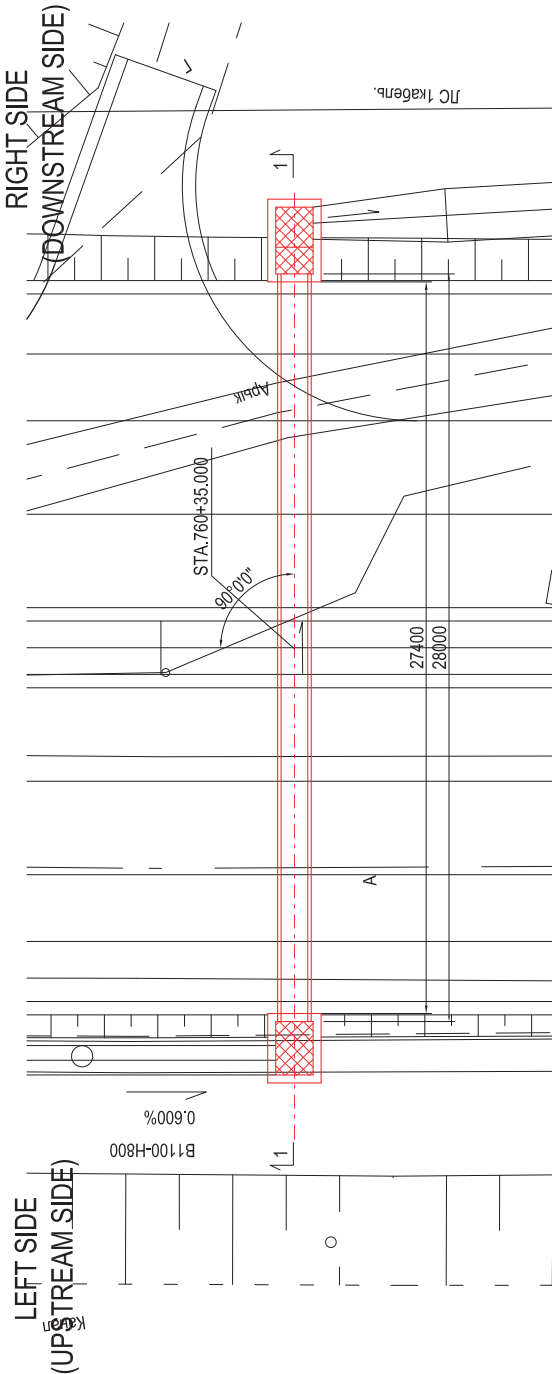
1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



PLAN S=1:100



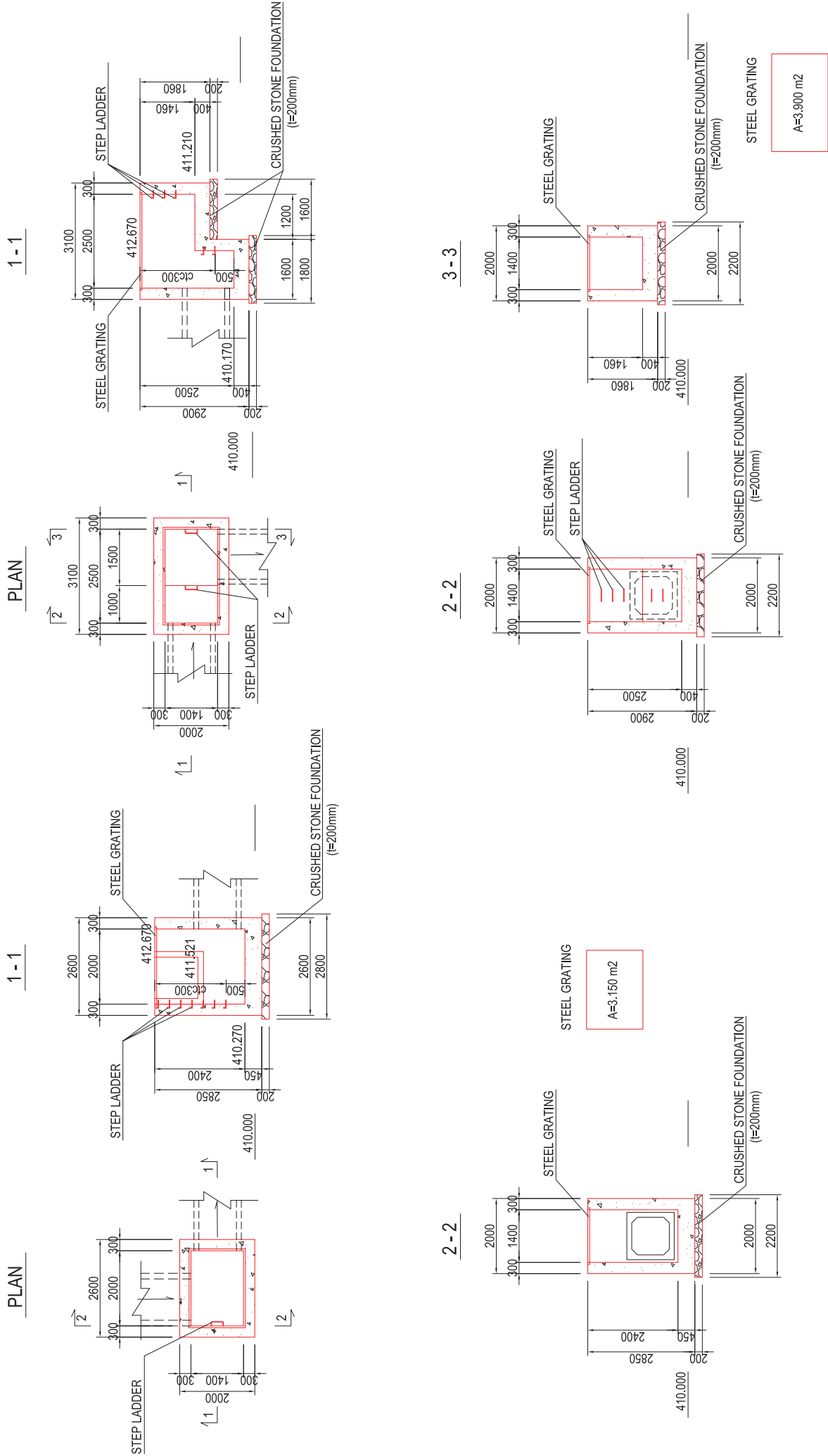
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.2 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (1)				DRAWING NO. SB-03	SHEET NO. 3/16
			CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE		

NO.2 SIPHON TYPE BOX CULVERT FOR IRRIGATION

GENERAL DRAWINGS (2) S=1:50

LEFT SIDE
(UPSTREAM SIDE)

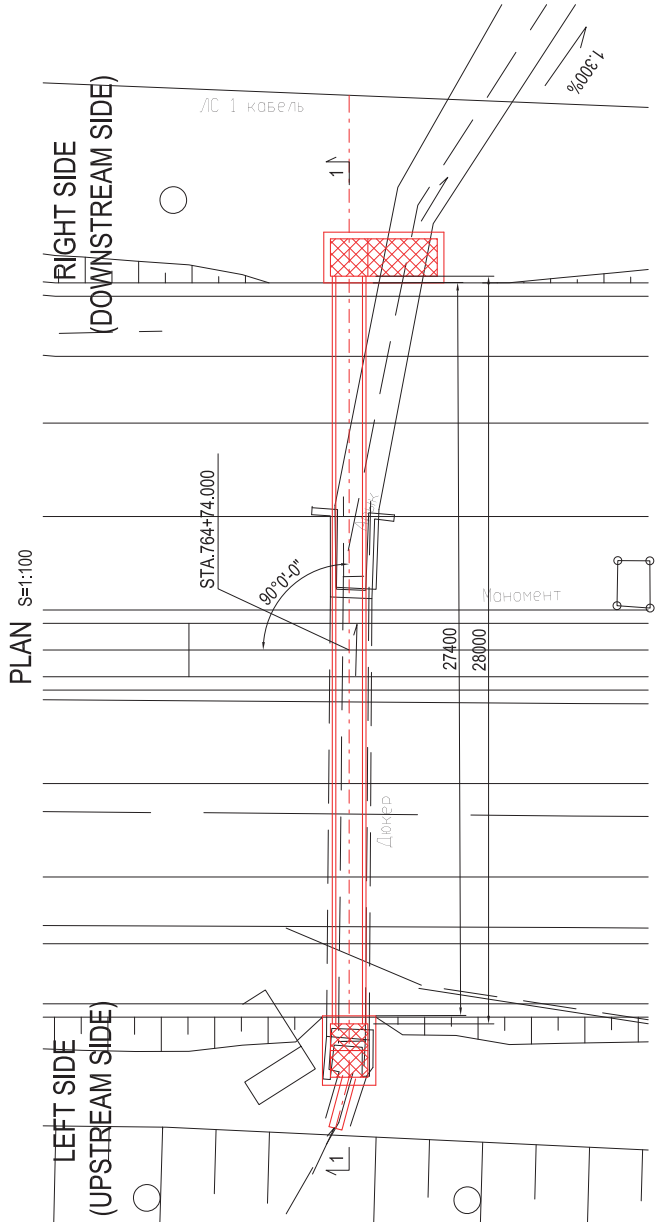
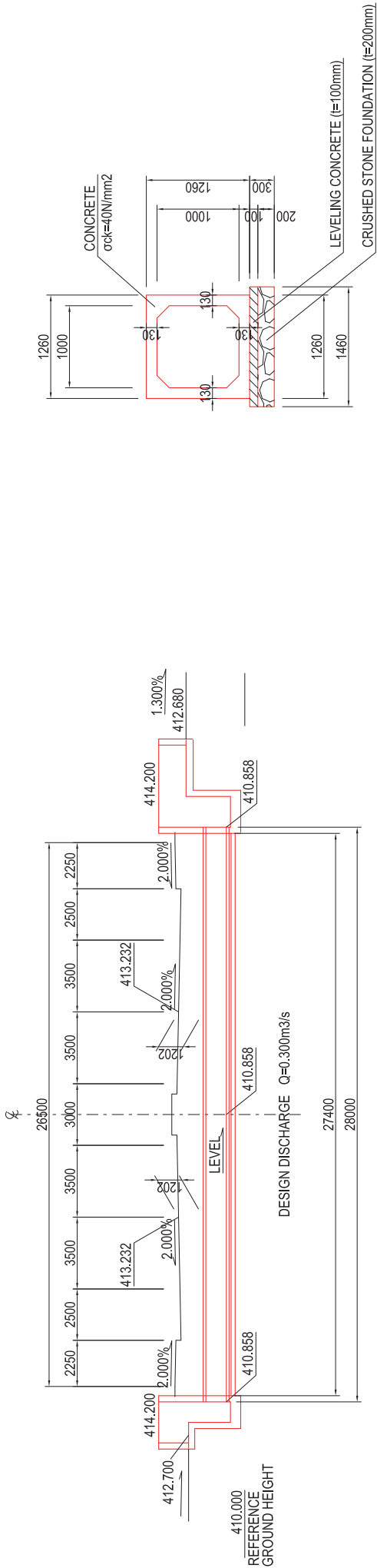
RIGHT SIDE
(DOWNSTREAM SIDE)



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.2 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (2)				DRAWING NO. SB-04		SHEET NO. 4/16	
			CHECKED	APPROVED	SCALE (A1 SIZE) 1:50	DATE				

NO.3 SIPHON TYPE BOX CULVERT FOR IRRIGATION
GENERAL DRAWINGS (1)

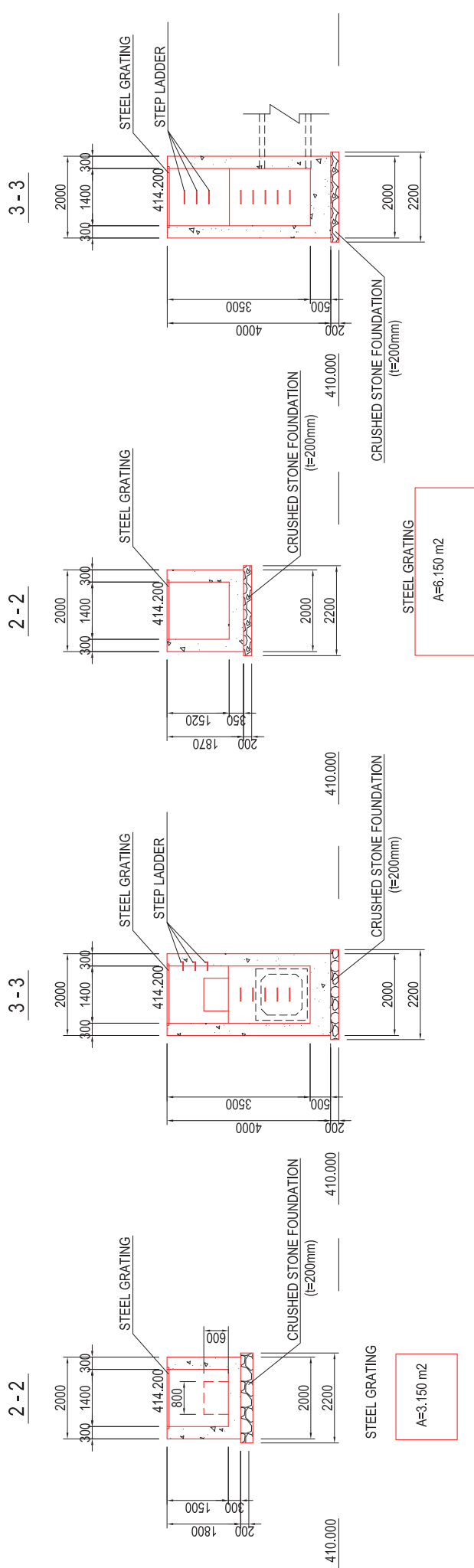
1-1 SECTION S=1:100 TYPICAL CROSS SECTION S=1:25



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.3 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (1)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE	DRAWING NO. SB-05	SHEET NO. 5/16
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RIGHT SIDE
(DOWNSTREAM SIDE)

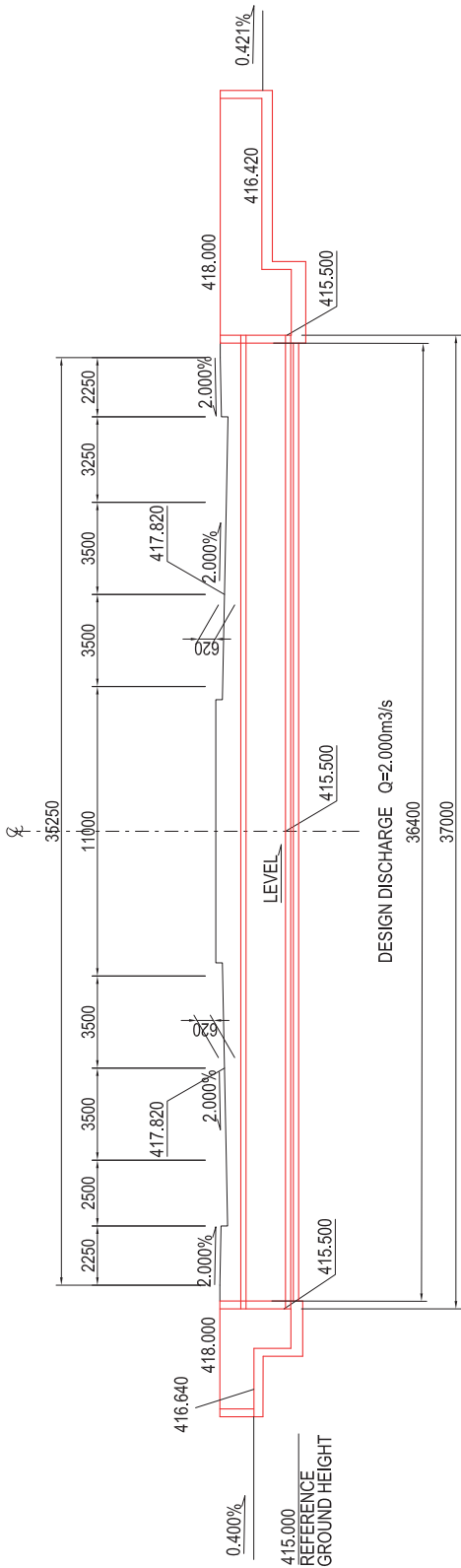
$S=1:50$



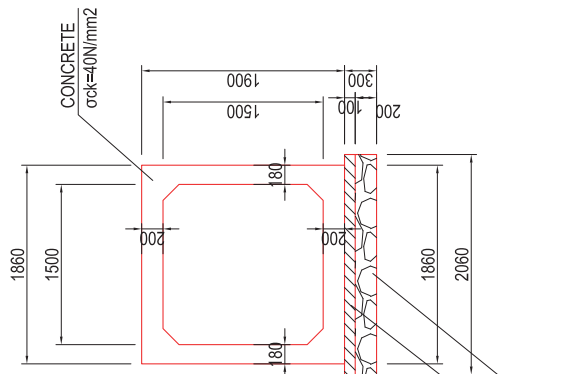
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CITI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.3 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (2)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:50	DATE	DRAWING NO.	SHEET NO.
								SB-06	6/16

NO.4 SIPHON TYPE BOX CULVERT FOR IRRIGATION
GENERAL DRAWINGS (1)

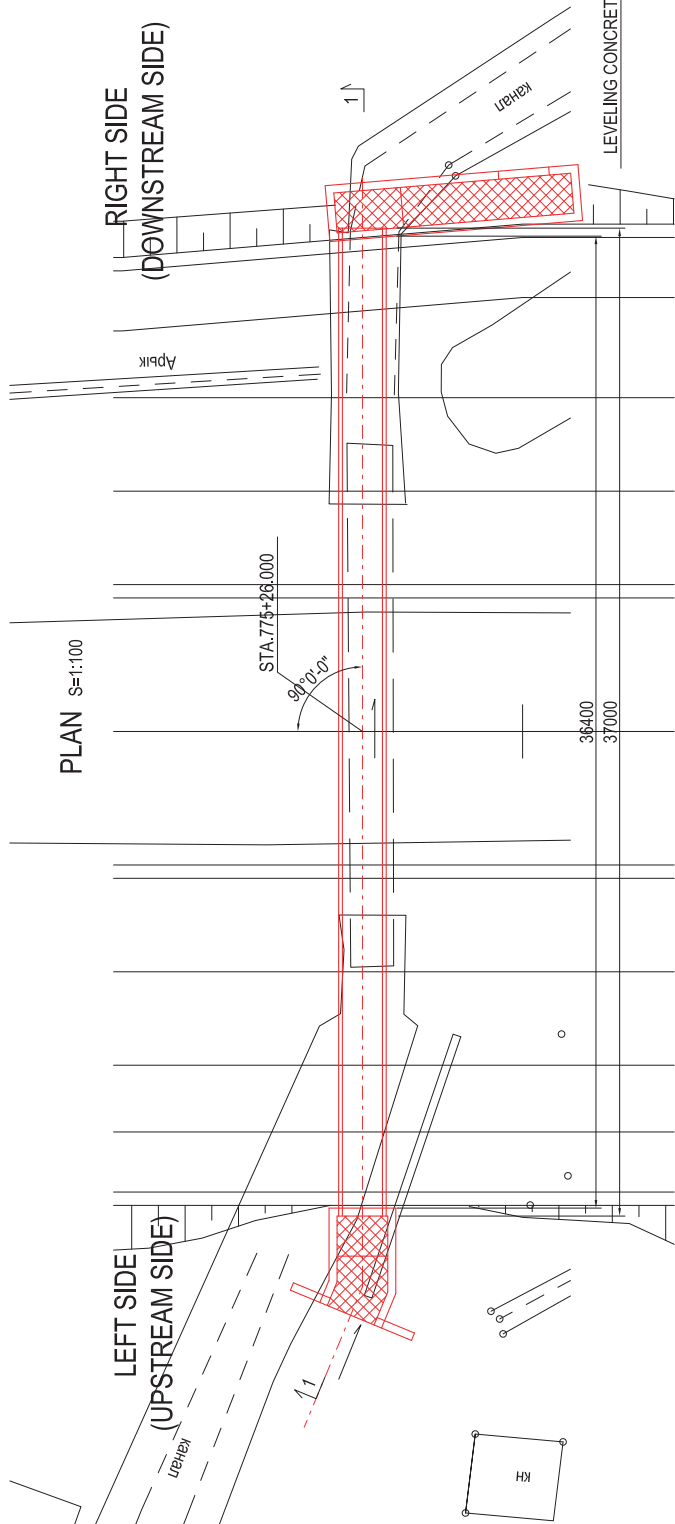
1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



PLAN S=1:100

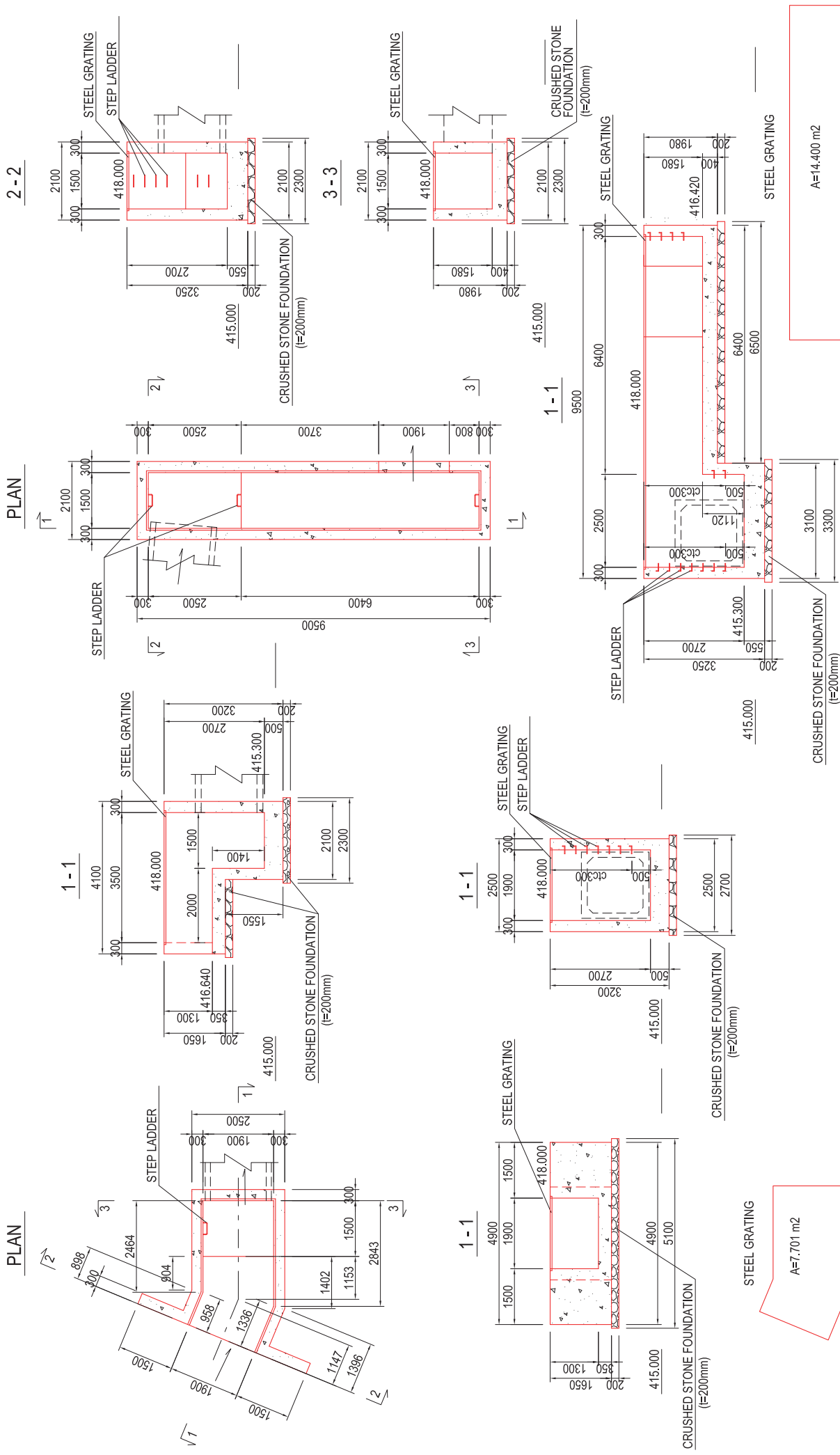


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.4 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (1)			CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE	DRAWING NO. SB-07	SHEET NO. 7/16
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NO.4 SIPHON TYPE BOX CULVERT FOR IRRIGATION

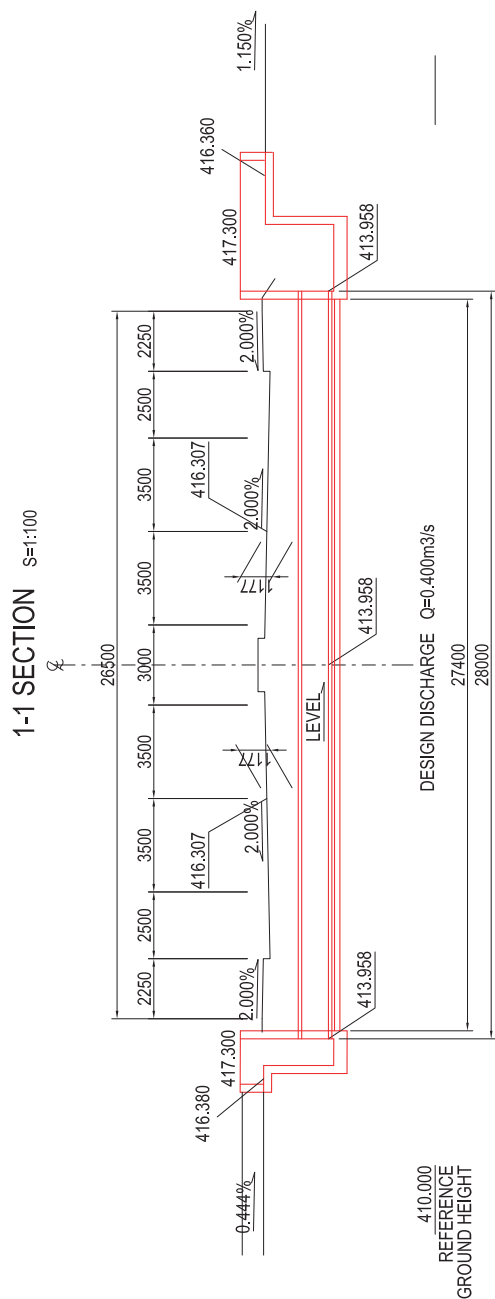
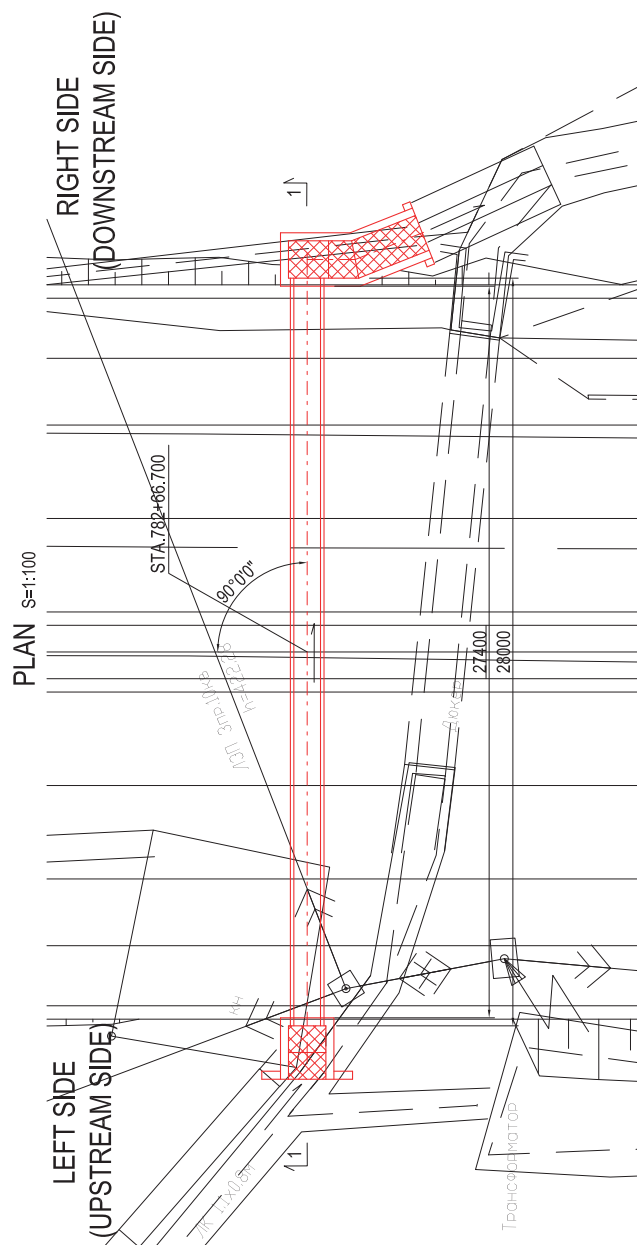
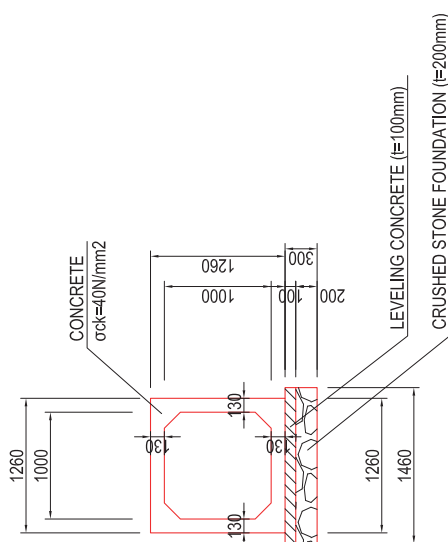
GENERAL DRAWINGS (2) S=1:50

LEFT SIDE (UPSTREAM SIDE) RIGHT SIDE (DOWNSTREAM SIDE)



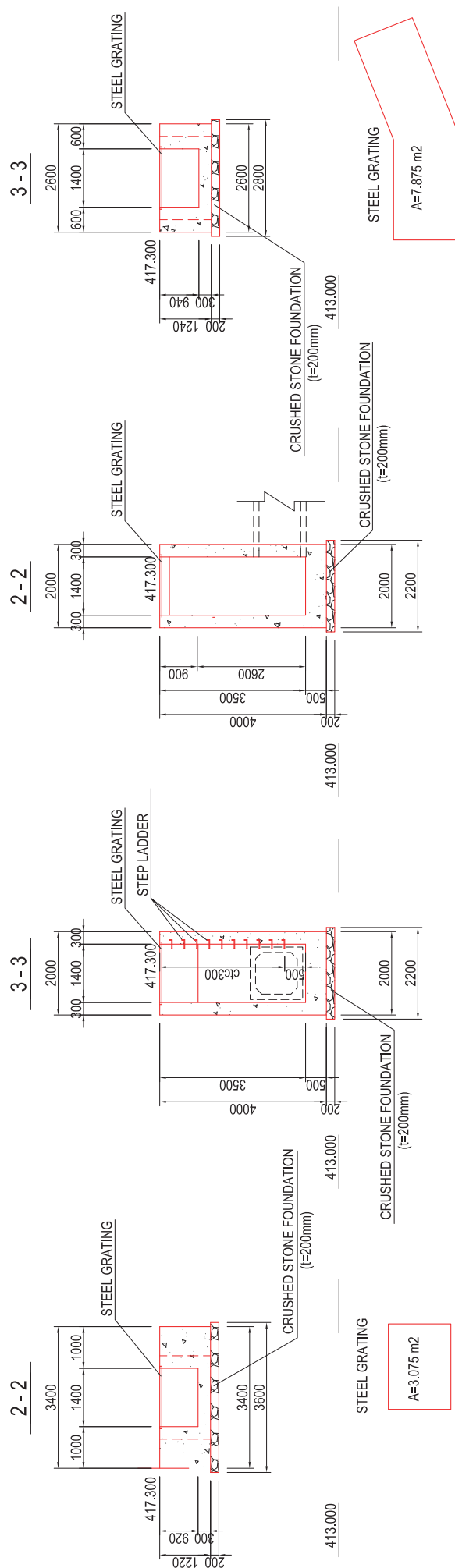
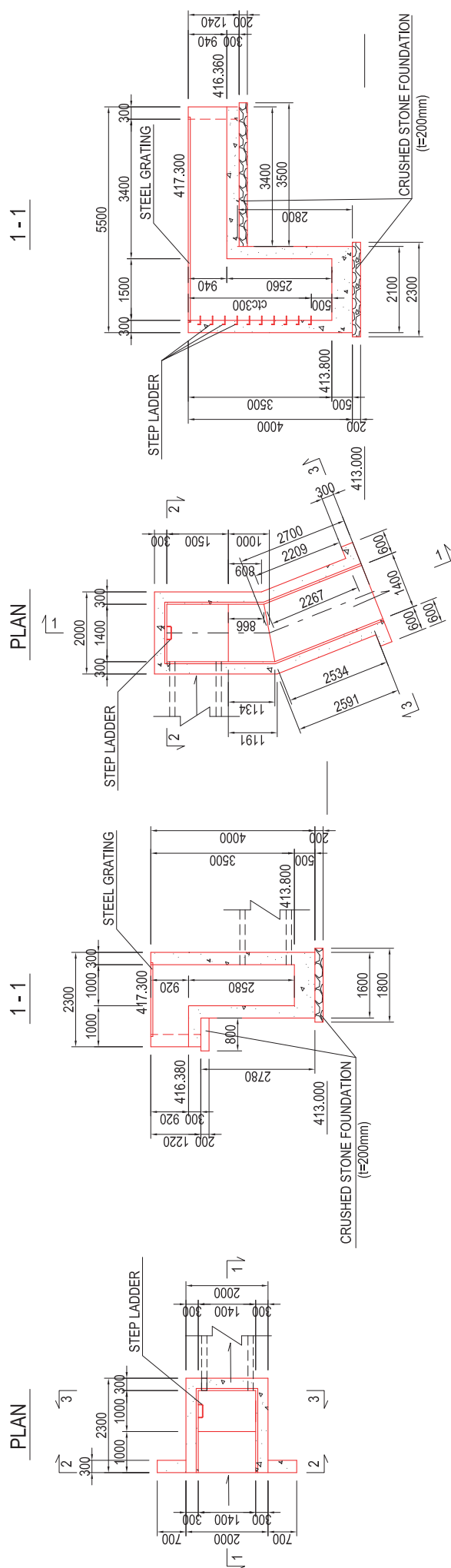
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.4 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (2)				DRAWING NO. SB-08	SHEET NO. 8/16
			CHECKED	APPROVED	SCALE (A1 SIZE) 1:50	DATE		

NO.5 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (1)

TYPICAL CROSS SECTION
S=1:25

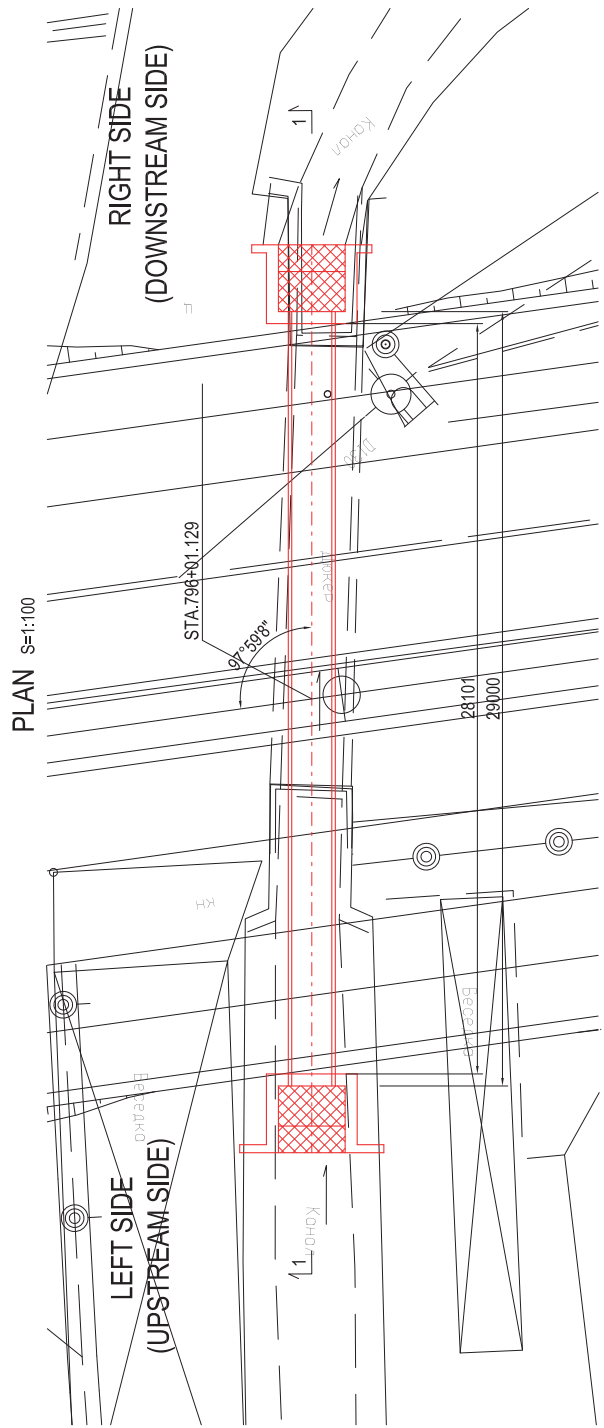
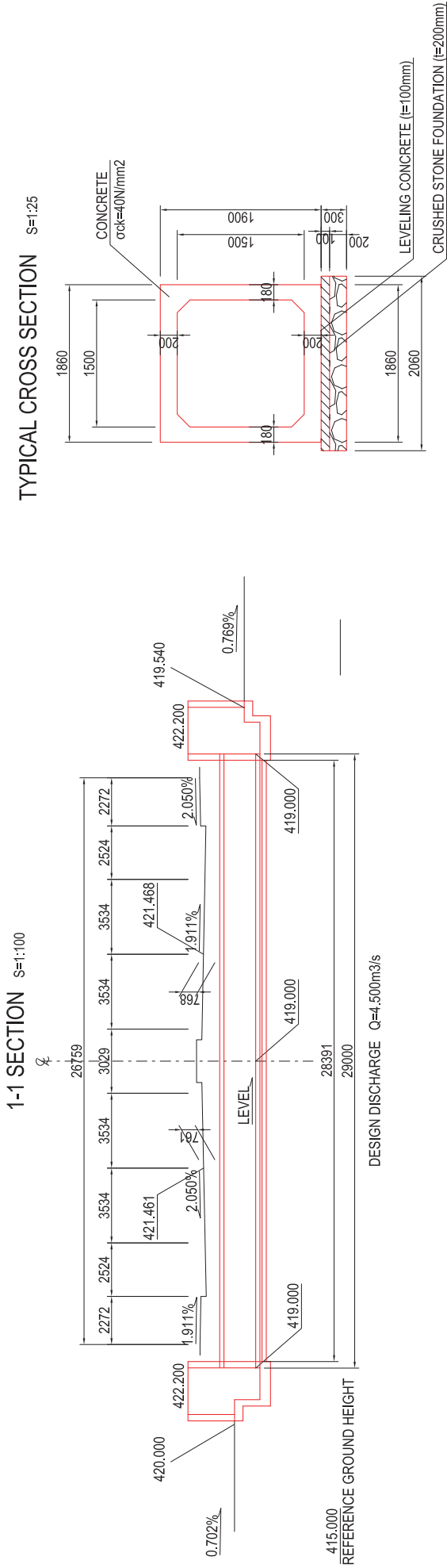
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHтар SECTION OF DUSHANBE-BOKHтар ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CITI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.5 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (1)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE	DRAWING NO.	SHEET NO. 9/16
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RIGHT SIDE
(DOWNSTREAM SIDE)



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CITI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.5 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (2)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:50	DATE	DRAWING NO. SB-01	SHEET NO. 10/16
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NO.6 SIPHON TYPE BOX CULVERT FOR IRRIGATION
GENERAL DRAWINGS (1)



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.6 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (1)				DRAWING NO. SB-11	SHEET NO. 11/16
			CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE		

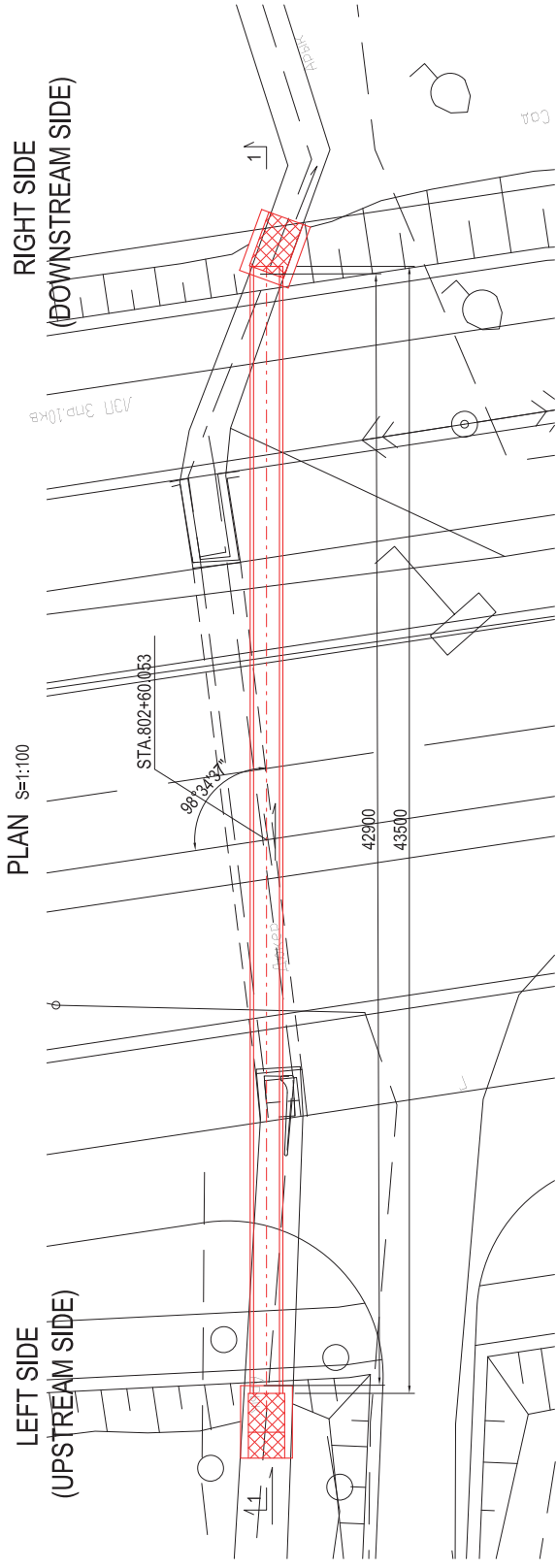
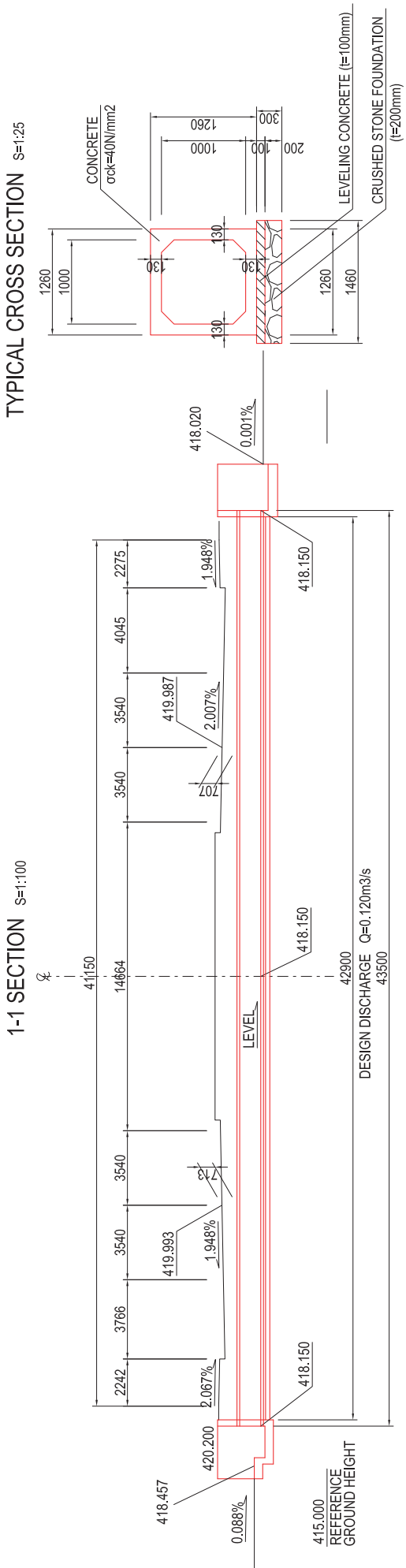
RIGHT SIDE
(DOWNSTREAM SIDE)

RIGHT SIDE

 $A = 6.630 \text{ m}^2$

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.6 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (2)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:50	DATE	DRAWING NO. SB-12	SHEET NO. 12/16
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NO.7 SIPHON TYPE BOX CULVERT FOR IRRIGATION
GENERAL DRAWINGS (1)



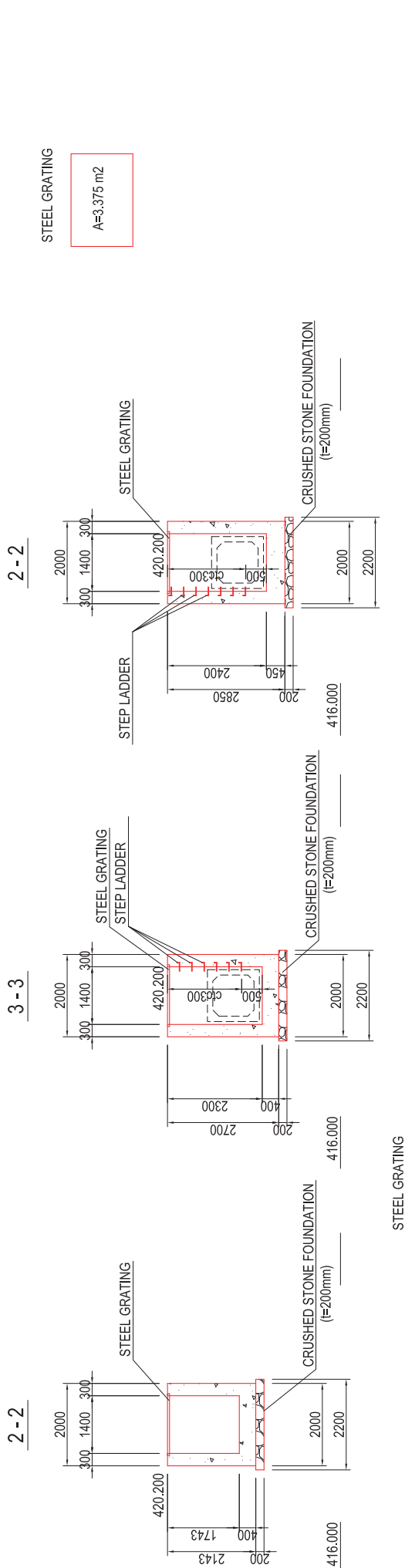
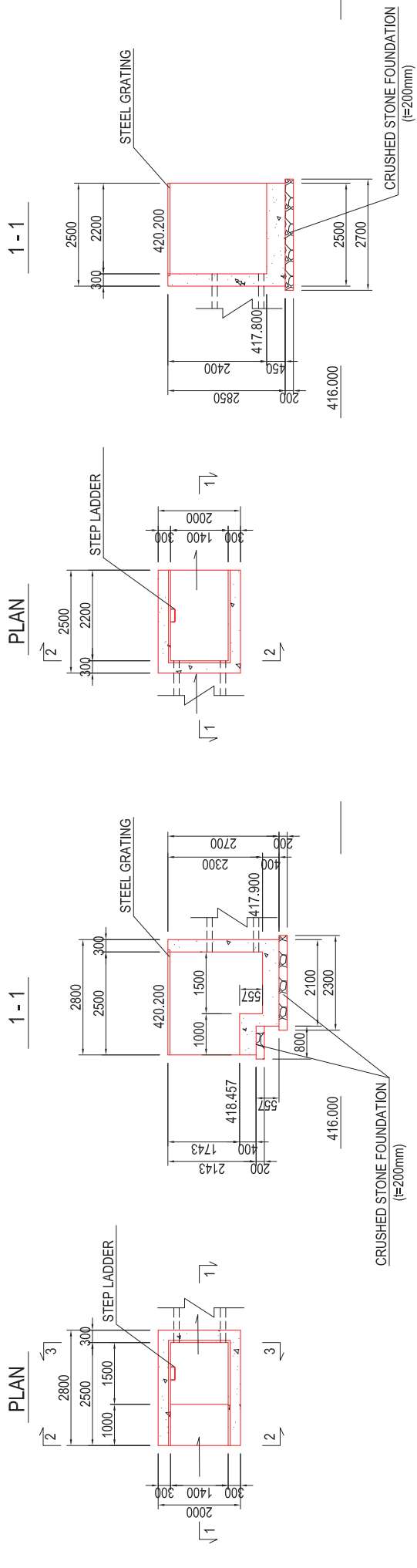
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.7 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (1)				DRAWING NO. SB-13	SHEET NO. 13/16
			CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE		

NO.7 SIPHON TYPE BOX CULVERT FOR IRRIGATION

GENERAL DRAWINGS (2) S=1:50

LEFT SIDE
(UPSTREAM SIDE)

RIGHT SIDE
(DOWNSTREAM SIDE)



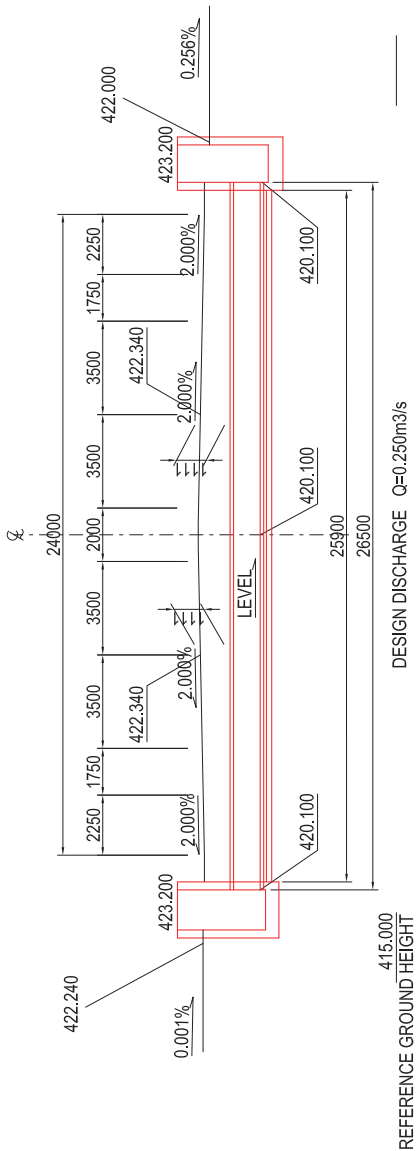
A=3.825 m2

A=3.375 m2

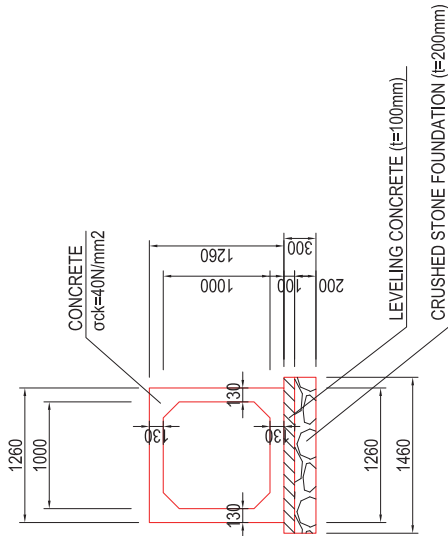
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.7 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (2)				DRAWING NO. SB-14	SHEET NO. 14/16
			CHECKED	APPROVED	SCALE (A1 SIZE) 1:50	DATE		

NO.8 SIPHON TYPE BOX CULVERT FOR IRRIGATION
GENERAL DRAWINGS (1)

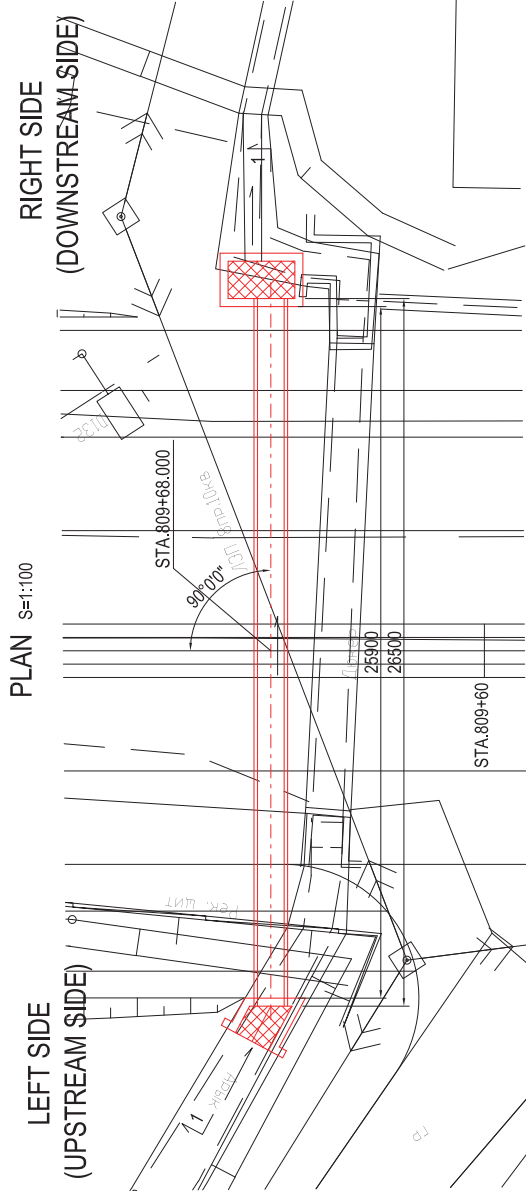
1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



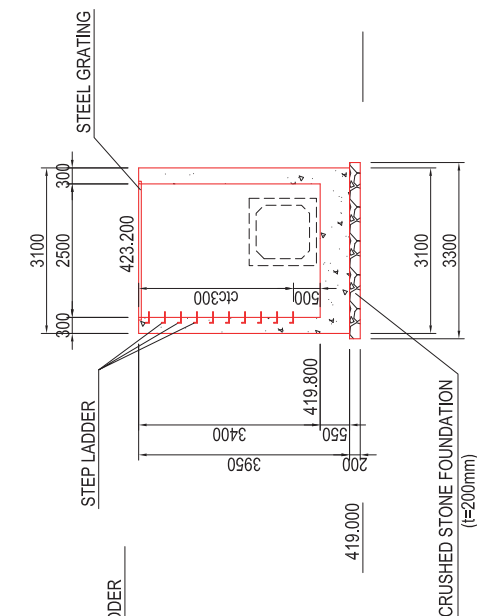
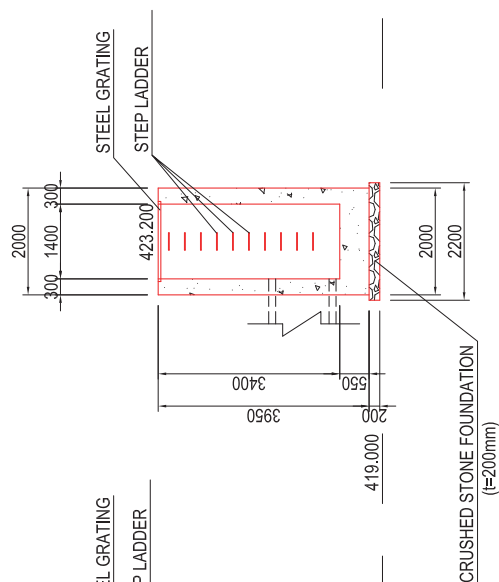
PLAN S=1:100



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.8 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (1)				CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE	DRAWING NO. SB-16	SHEET NO. 15/16
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RIGHT SIDE
(DOWNSTREAM SIDE)

11

3
-
3

STEEL GRATING

$$A=3.900 \text{ m}^2$$

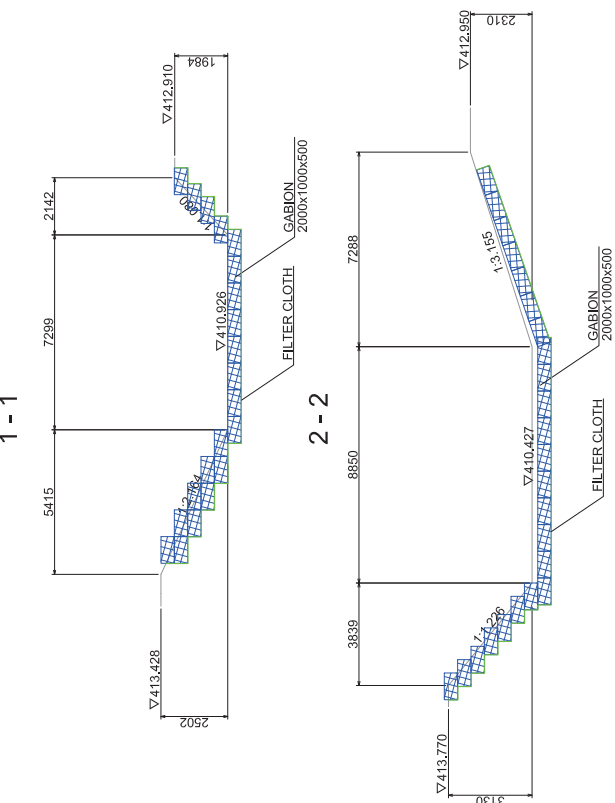
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.8 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (2)				DRAWING NO. SB-16	SHEET NO. 16/16
			CHECKED	APPROVED	SCALE (A1 SIZE) 1:50	DATE		

REVETMENT (NO.15 BOX CULVERT)
GENERAL DRAWINGS (1)

PLAN
S=1:200

CROSS SECTION $S=1:100$

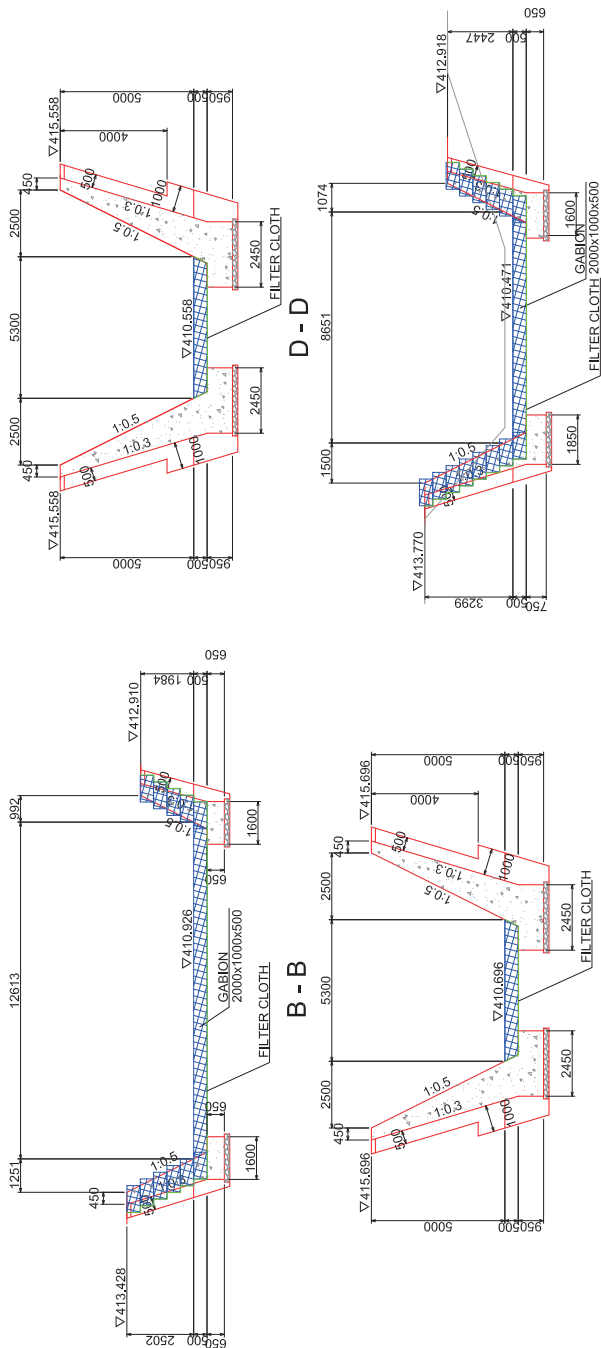
1-1



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A - A

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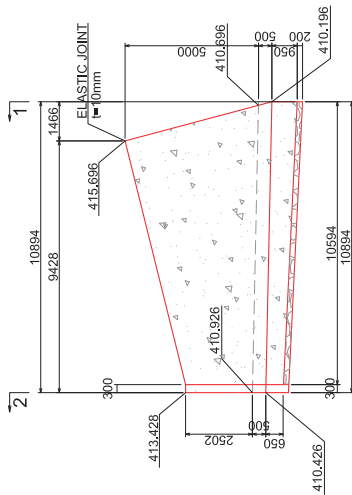
STANDARD CROSS SECTION OF REVETMENT $s=1.50$ 

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: REVETMENT (NO.15 BOX CULVERT) GENERAL DRAWINGS (1)	CHECKED	APPROVED	SCALE (A1 SIZE) S=1:200 S=1:100 S=1:50	DATE	DRAWING NO. RV-01	SHEET NO. 1/5
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REVETMENT (NO.15 BOX CULVERT)
GENERAL DRAWINGS (2)

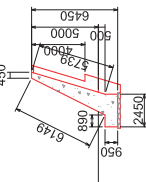
REVETMENT(NO.1)

FRONT VIEW S=1:100

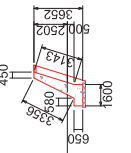


SECTION S=1:200

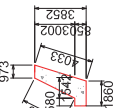
1-1



2-2



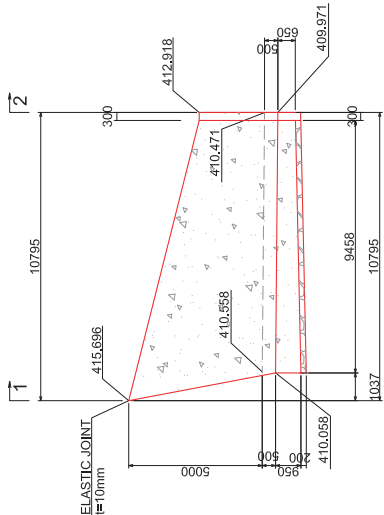
KERB



DL=+005.000

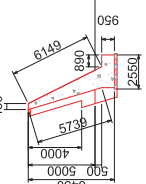
REVETMENT(NO.3)

ELEVATION S=1:100

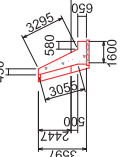


SECTION S=1:200

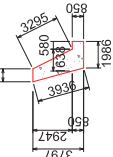
1-1



2-2



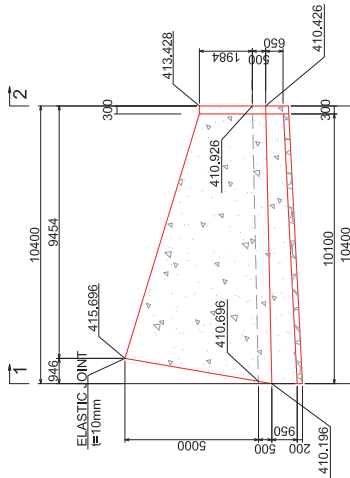
KERB



DL=+005.000

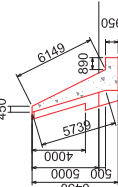
REVETMENT(NO.2)

FRONT VIEW S=1:100

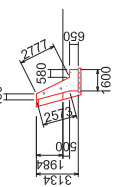


SECTION S=1:200

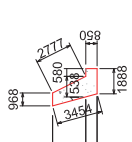
1-1



2-2



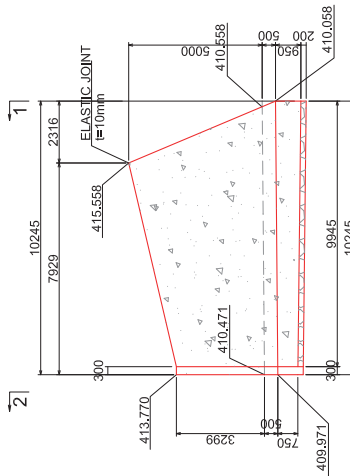
KERB



DL=+005.000

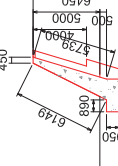
REVETMENT(NO.4)

ELEVATION S=1:100

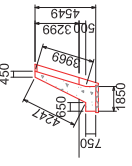


SECTION S=1:200

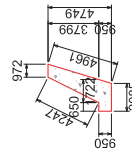
1-1



2-2



KERB



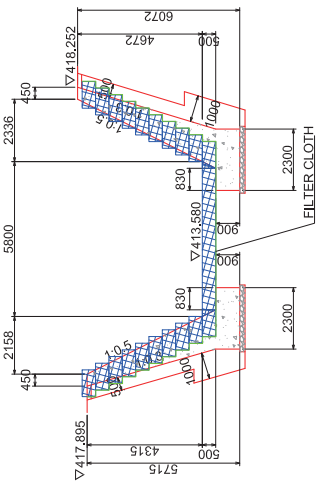
DL=+005.000

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: REVETMENT (NO.15 BOX CULVERT) GENERAL DRAWINGS (2)				DRAWING NO. RV-02	SHEET NO. 2/5
			CHECKED	APPROVED	SCALE (A1 SIZE) S=1:200 S=1:100	DATE		

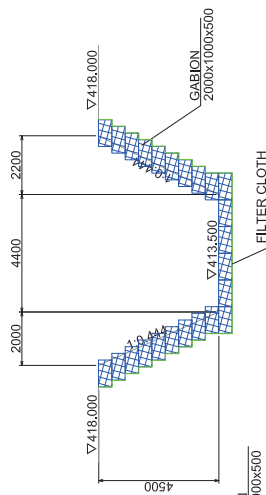
REVETMENT (NO.16 BOX CULVERT)
GENERAL DRAWINGS (1)

CROSS SECTION S=1:100

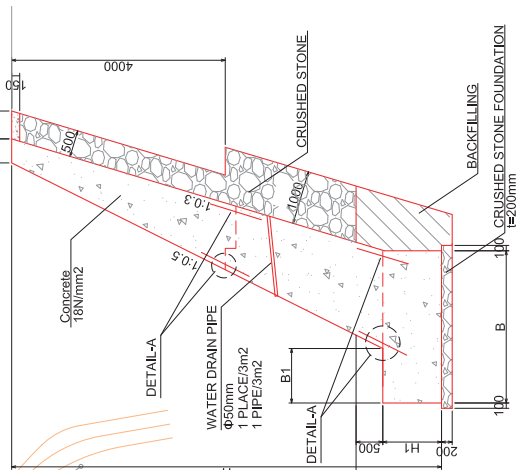
3 - 3



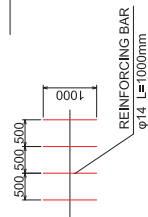
4 - 4



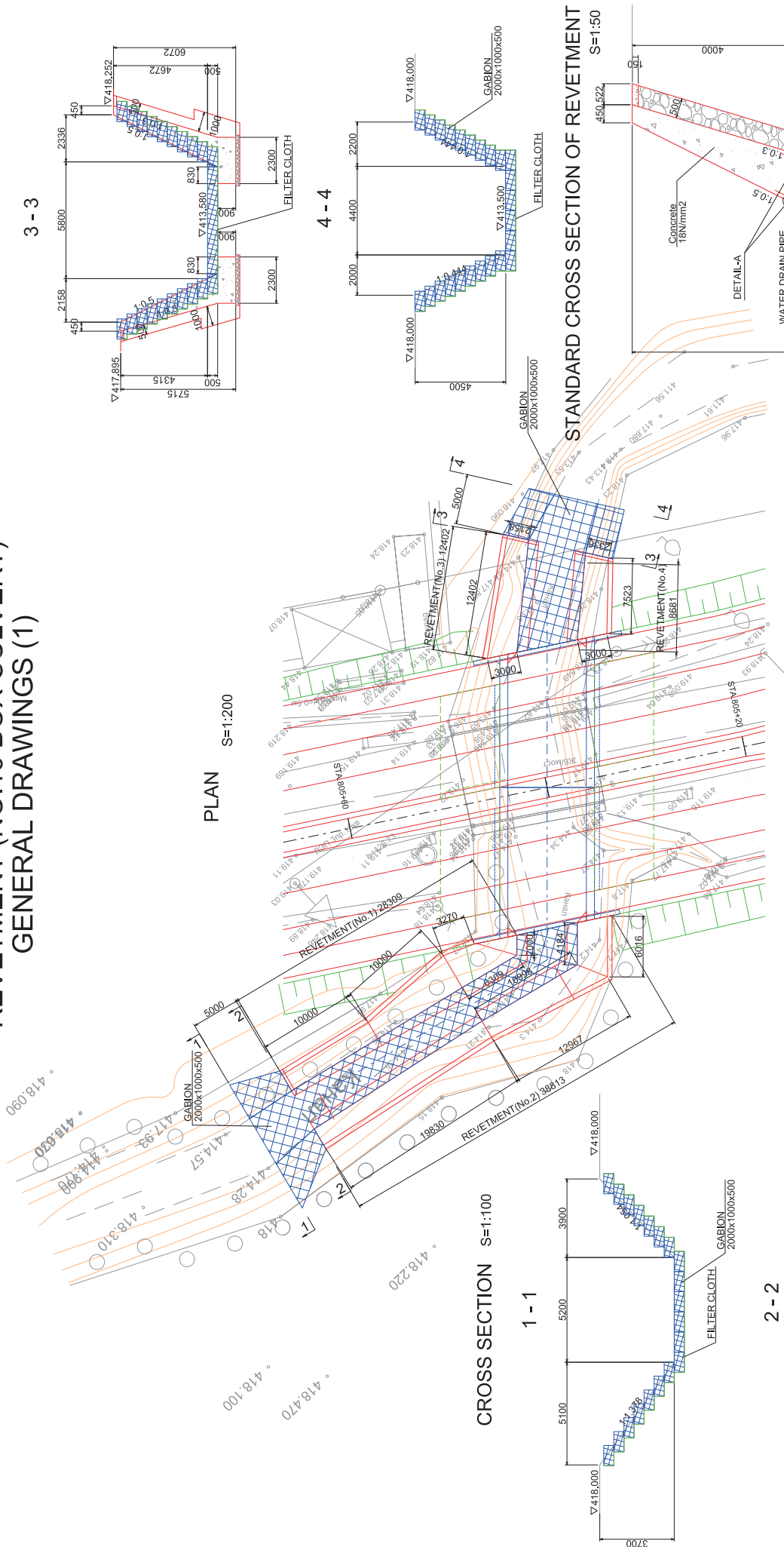
STANDARD CROSS SECTION OF REVETMENT
S=1:50



DETAIL-A
S=1:50

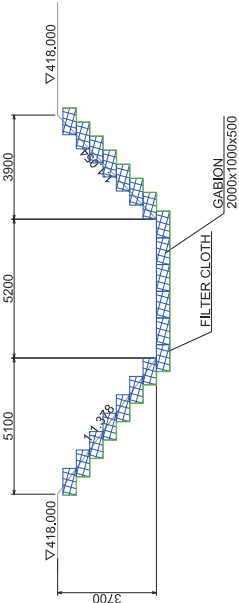


PLAN
S=1:200

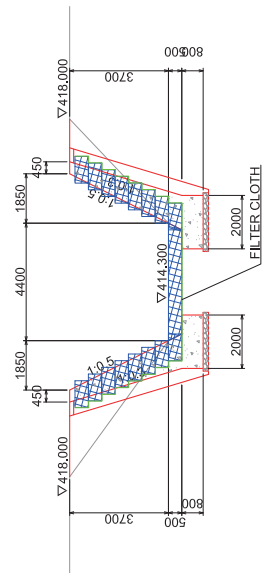


CROSS SECTION S=1:100

1 - 1



2 - 2

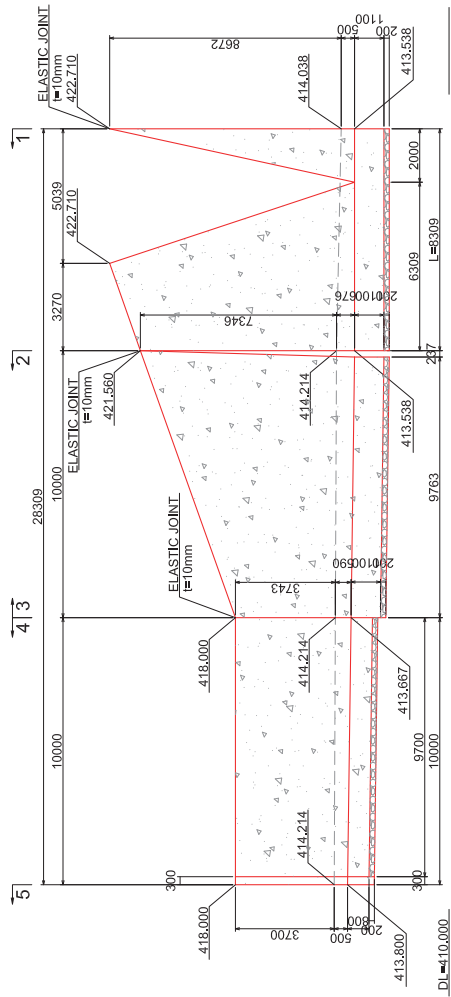


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: REVETMENT (NO.16 BOX CULVERT) GENERAL DRAWINGS (1)		CHECKED	APPROVED	SCALE (A1 SIZE) S=1:200 S=1:100 S=1:50	DATE	DRAWING NO. RV-03	SHEET NO. 3/5

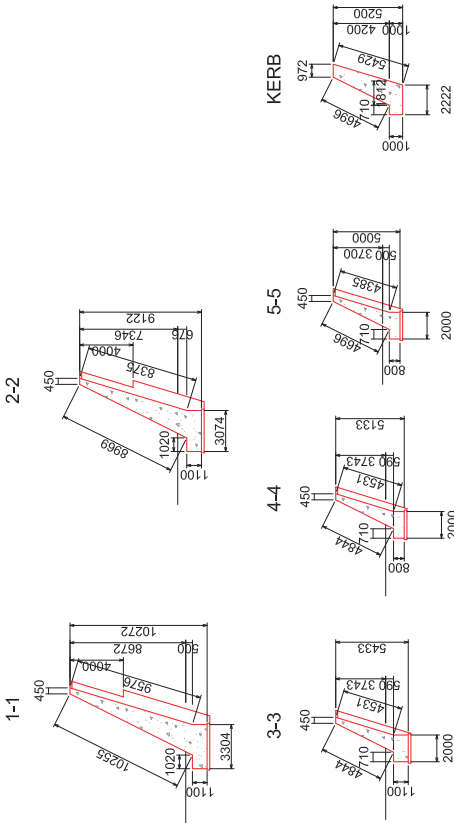
REVETMENT (NO.16 BOX CULVERT)
GENERAL DRAWINGS (2)

REVETMENT(NO.1)

FRONT VIEW S=1:100

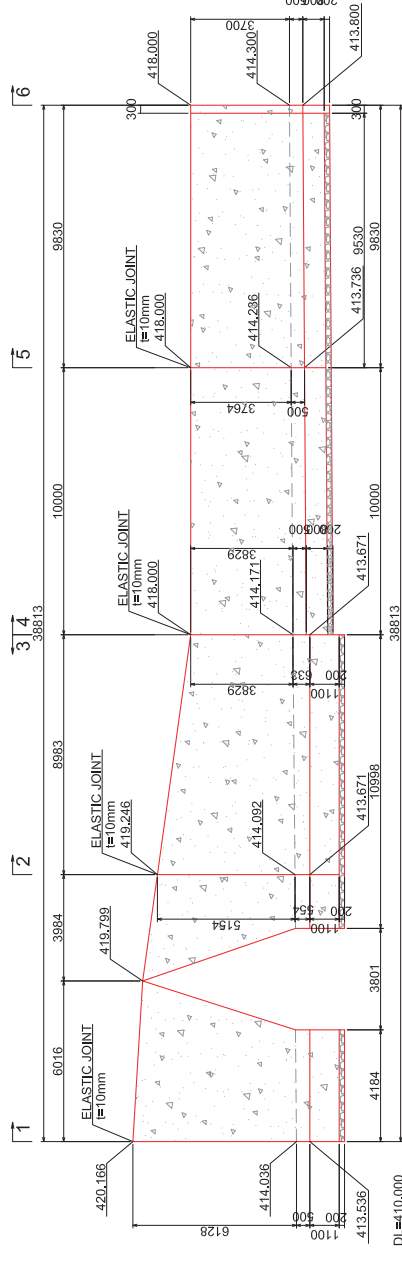


SECTION S=1:200

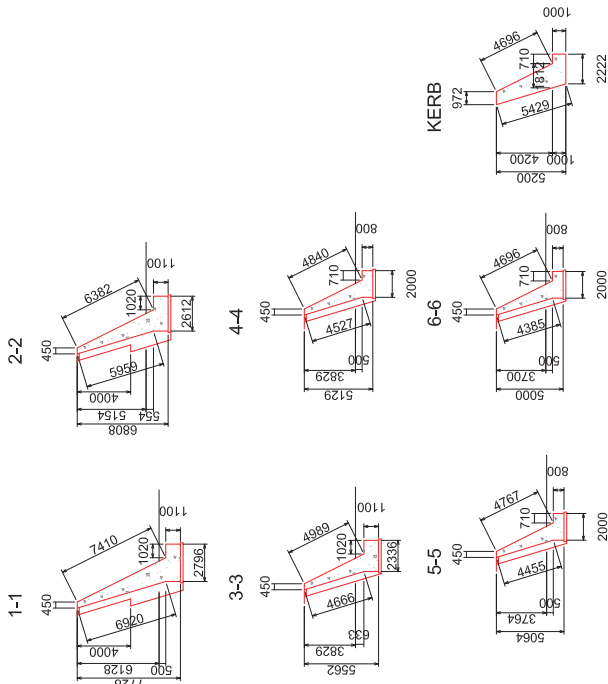


REVETMENT(NO.2)

FRONT VIEW S=1:100



SECTION S=1:200

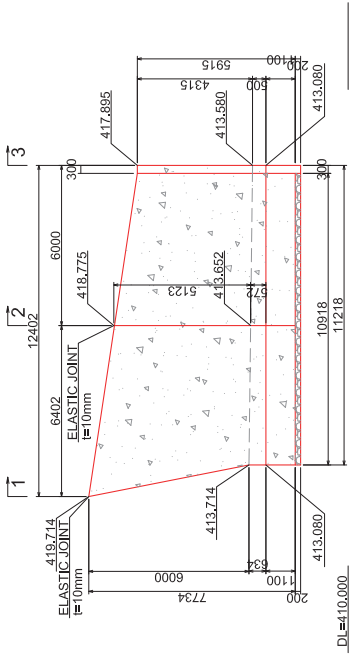


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CITI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: REVETMENT (NO.16 BOX CULVERT) GENERAL DRAWINGS (2)		CHECKED	APPROVED	SCALE (A1 SIZE) S=1:200 S=1:100	DATE	DRAWING NO.	SHEET NO.
									RV-04	4/5

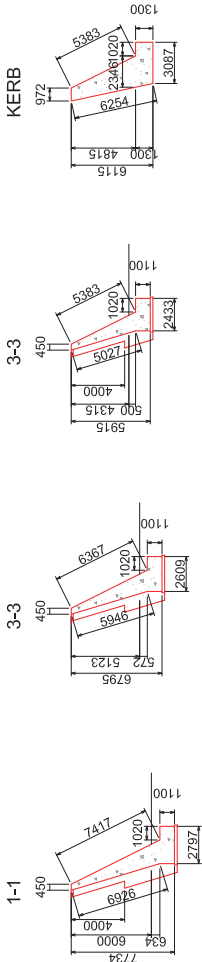
REVETMENT (NO.16 BOX CULVERT)
GENERAL DRAWINGS (3)

REVETMENT(No.3)

FRONT VIEW S=1:100

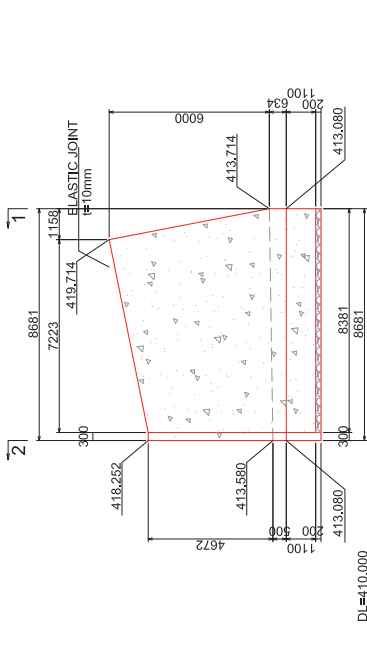


SECTION S=1:200

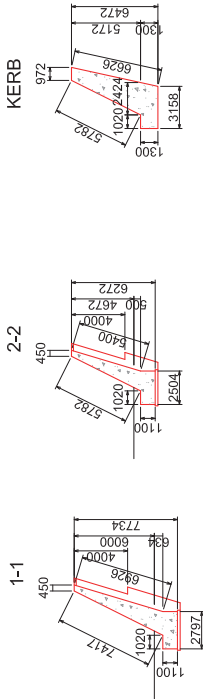


REVETMENT(No.4)

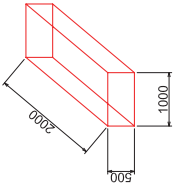
FRONT VIEW S=1:100



SECTION S=1:200



GABION S=1:50
2000x1000x500

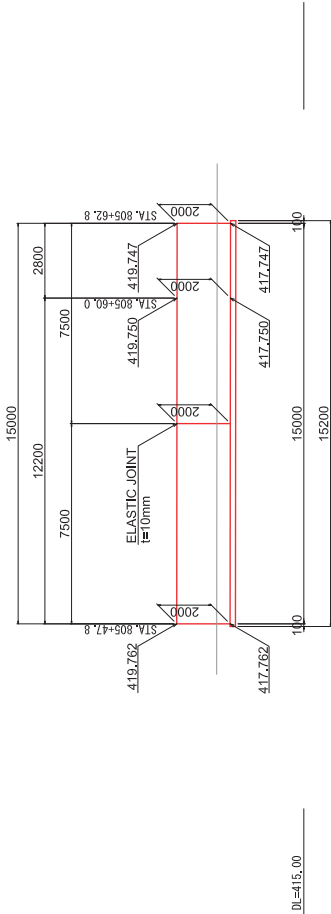


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: REVETMENT (NO.16 BOX CULVERT) GENERAL DRAWINGS (3)			CHECKED	APPROVED	SCALE (A1 SIZE) S=1:200 S=1:100	DATE	DRAWING NO. RV-05	SHEET NO. 5/5
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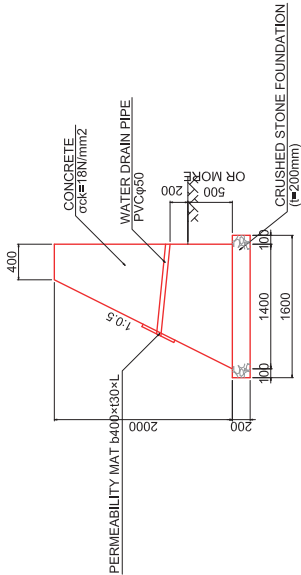
GRAVITY WALL(1)

STA.805+47.8~STA.805+62.8 (RIGHT SIDE)

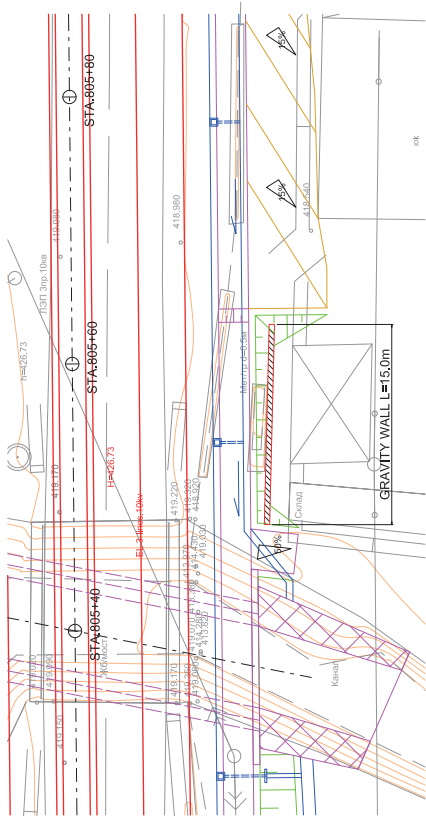
FRONT VIEW S=1:100



CROSS SECTION S=1:30

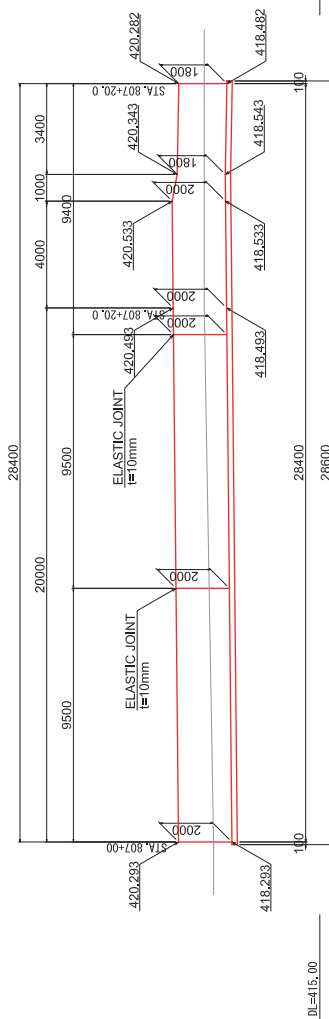


PLAN S=1:200

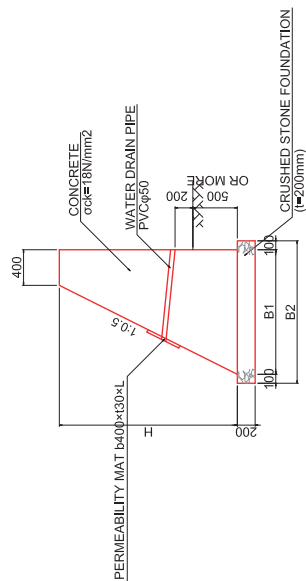


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: GRAVITY WALL(1)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:30 1:100 1:200	DATE	DRAWING NO. GW-01	SHEET NO. 1/3

STA.807+00~STA.807+28.20 (Left Side)

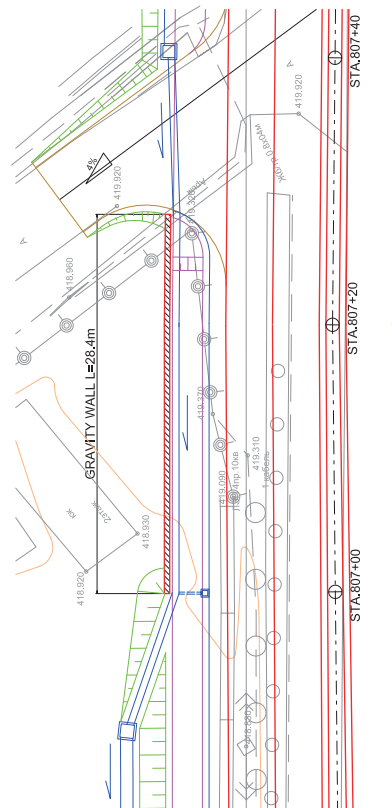


CROSS SECTION S=1:30



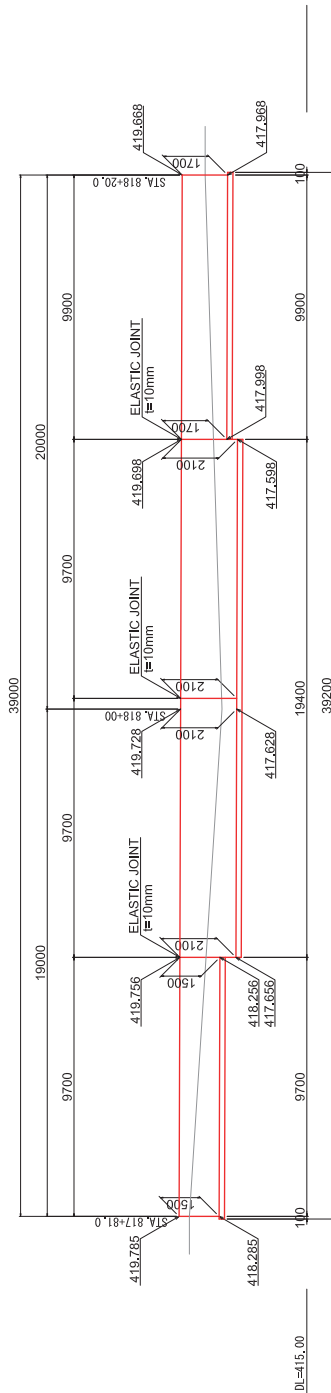
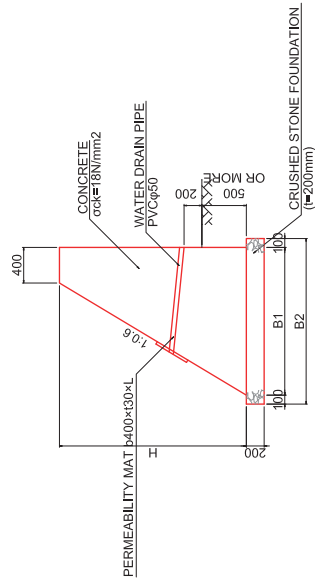
DIMENSION TABLE		
B1	B2	H
1300	1500	1800
1400	1600	2000

PLAN S=1:200



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: GRAVITY WALL(2)	CHECKED	APPROVED	SCALE	DATE	DRAWING NO.	SHEET NO.
						(A1 SIZE) 1:30 1:100 1:200		GW-02	2/3

STA.817+81.0~STA.818+20.0 (Left Side)

[illegible]

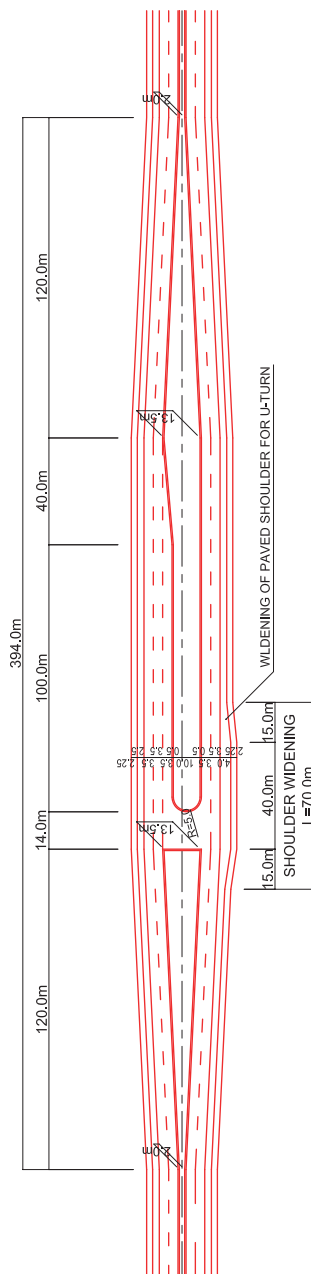
DIMENSION TABLE		
B1	B2	H
1300	1500	1500
1420	1620	1700
1660	1860	2100

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KEZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: GRAVITY WALL(3)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:30 1:100 1:200	DATE	DRAWING NO. GW-03	SHEET NO. 3/3
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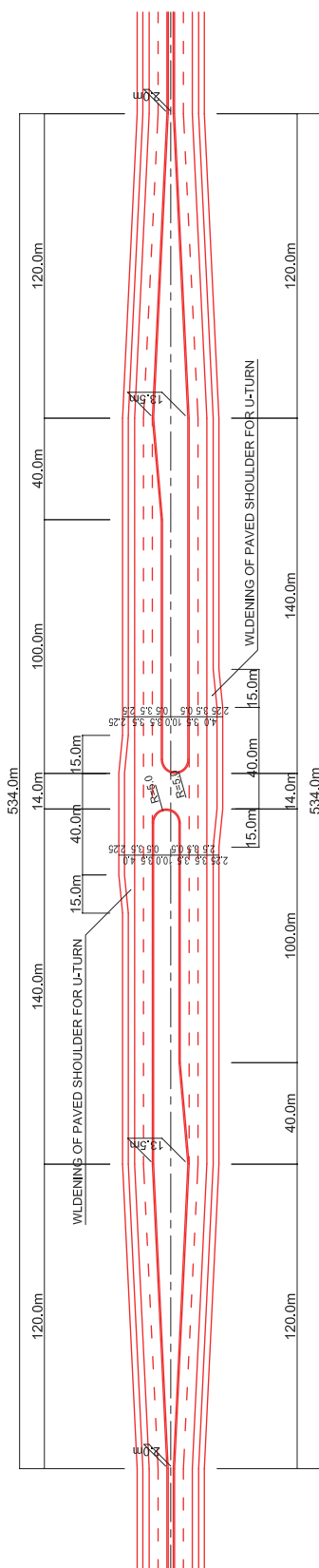
U-TURN LANE

 $S=1:1000$

TYPE-1



TYPE-2



DETAIL
S=1:500



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: U-TURN LANE GENERAL DRAWINGS		CHECKED APPROVED SCALE (A1 SIZE) 1:500 1:1000	DATE	DRAWING NO. RA-01	SHEET NO. 1/33
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BUS BAY

PLAN

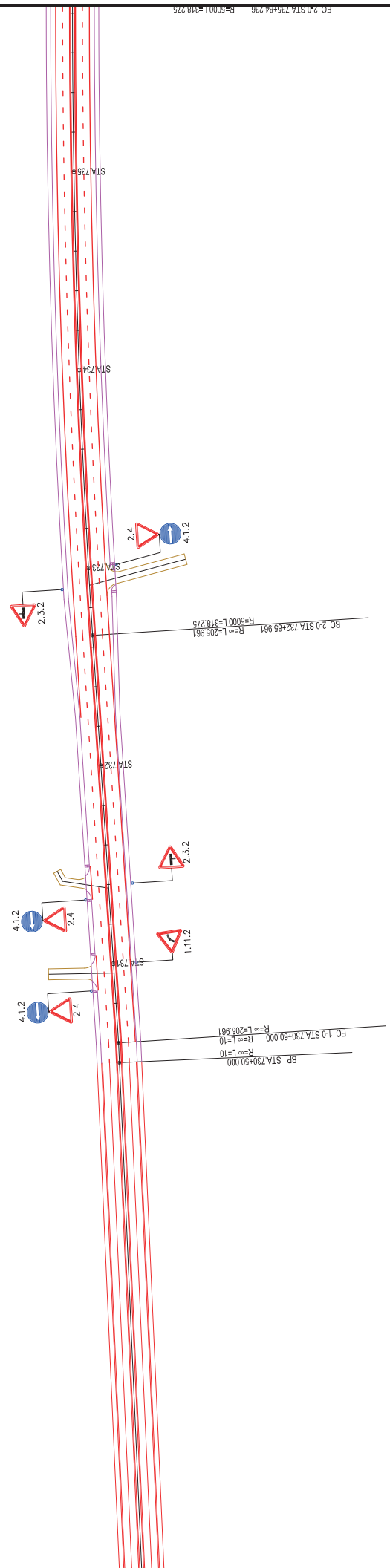


CROSS SECTION



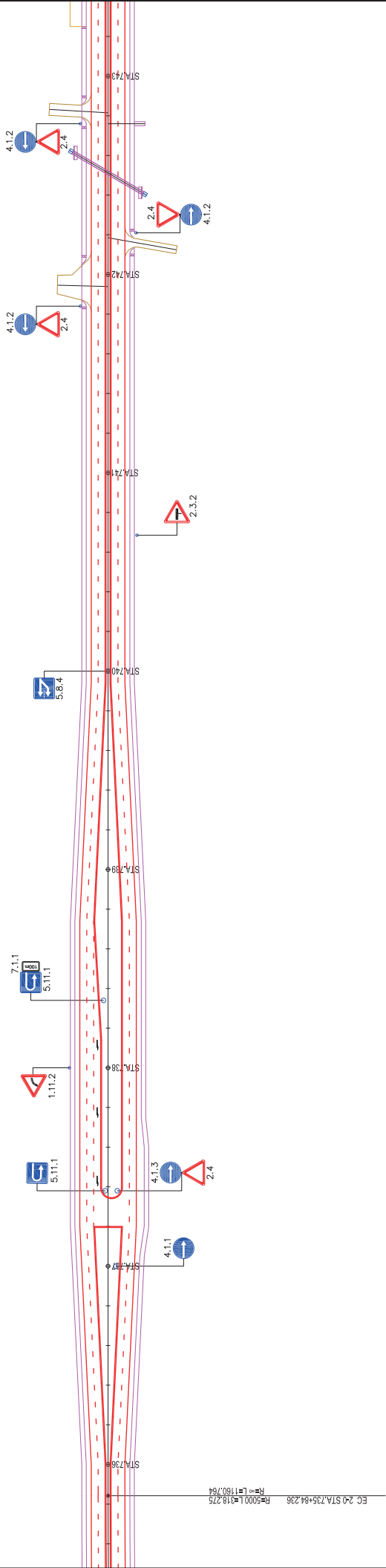
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CITI ENGINEERING INTERNATIONAL CO., LTD.	BUS BAY GENERAL DRAWINGS				CHECKED	APPROVED	SCALE (A1 SIZE)	DATE	DRAWING NO.	SHEET NO.
								1:50 1:250		RA-02	2/33	

LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS(1)



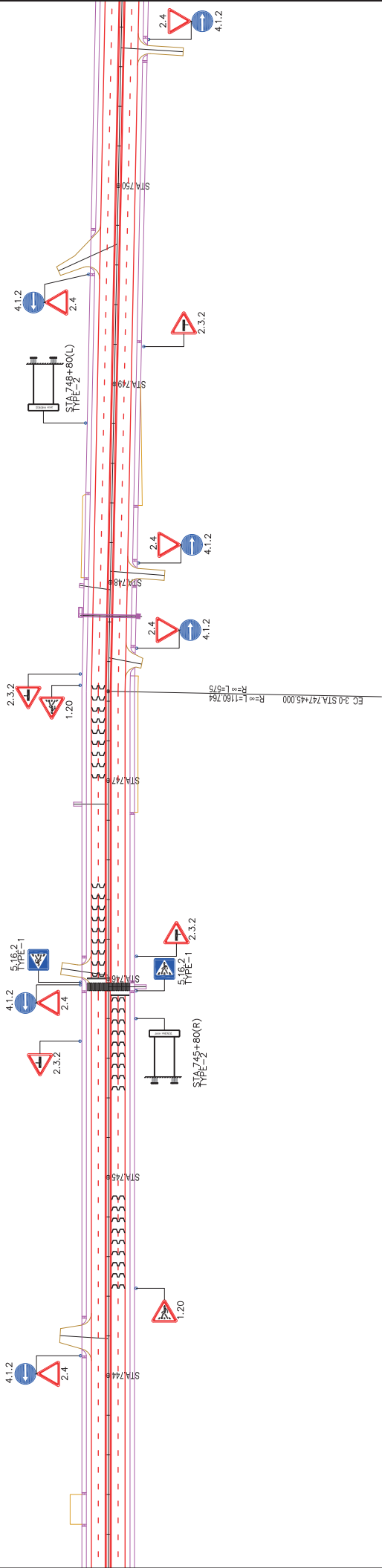
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS (1)				CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO. RA-03	SHEET NO. 3/33

LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS(2)



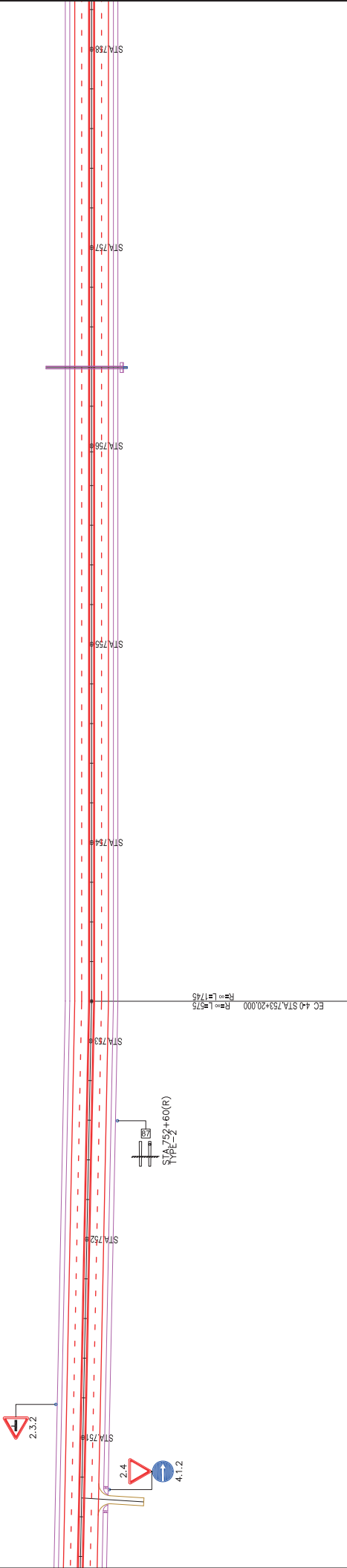
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS (2)				DRAWING NO. RA-04	SHEET NO. 4/33
			CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE		

LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS(3)



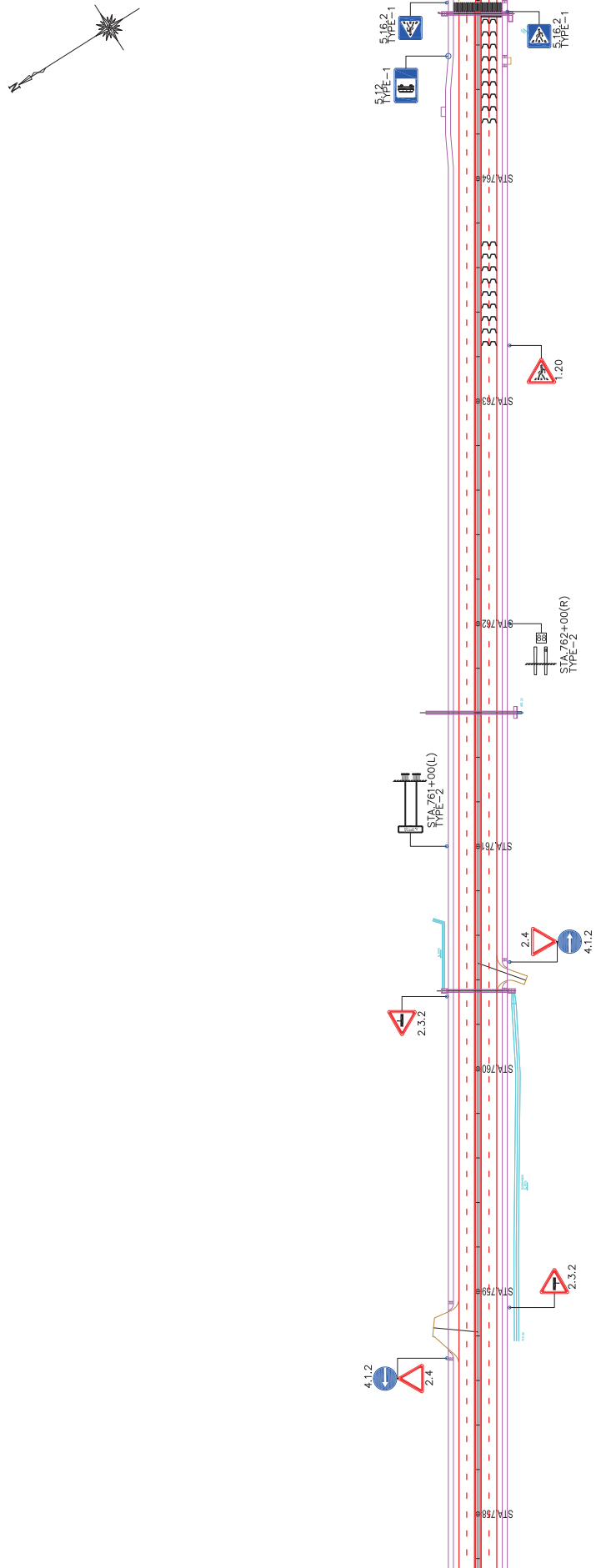
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS (3)			CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO. RA-05	SHEET NO. 5/33

LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS(14)



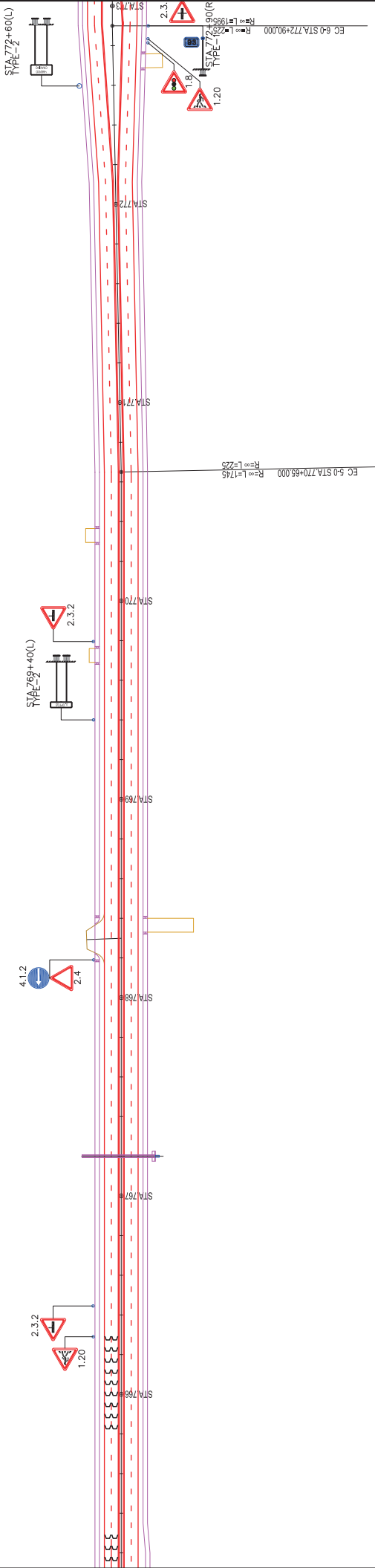
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS (4)				CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO. RA-06	SHEET NO. 6/33

LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS(13)



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS (5)				DRAWING NO. RA-07	SHEET NO. 7/33
			CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE		

LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS(6)



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS (6)				DRAWING NO. RA-08	SHEET NO. 8/33
			CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE		