

PLAN (13)



EP
STA 822+10.799

M 8 Core Drainage Box Channel
C100x120x5

M 7 Core Drainage Box Channel
C100x120x5

Gravity Well
[H=1.50 ~ 2.10 L=38.00]

200-L-900-H600
U-Ditch with Cover
B300-H300 L=94.00
Kerb Stone L=43.50

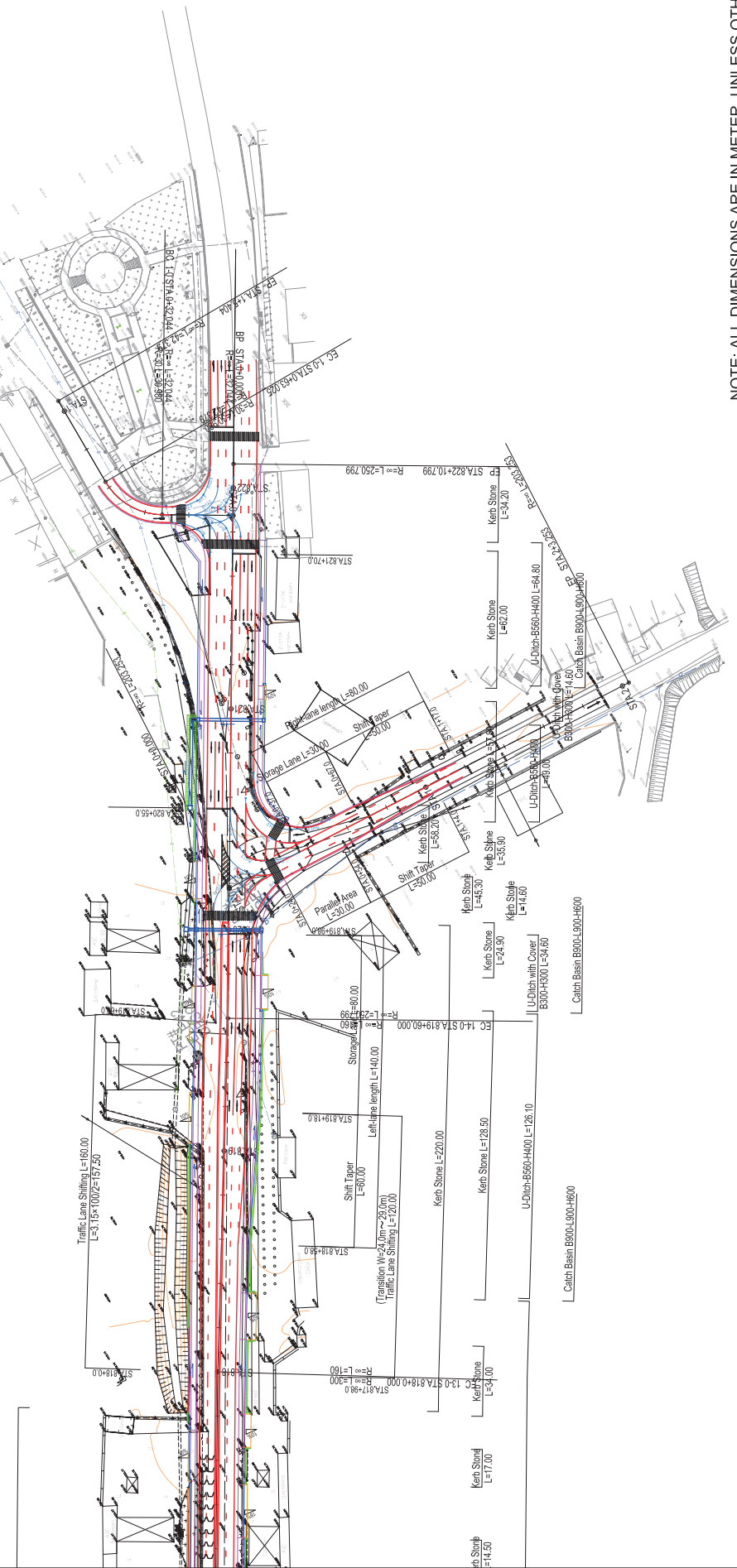
Catch Basin B900-L900-H600
U-Ditch-B560-H400 L=127.10
Kerb Stone L=129.50

Catch Basin B900-L900-H600
U-Ditch with Cover
B300-H300 L=96.10
Kerb Stone L=73.50

U-Ditch with Cover
B300-H300 L=93.00
Kerb Stone L=29.90

Catch Basin B900-L900-H600
U-Ditch-B560-H400 L=81.80
Kerb Stone L=41.50

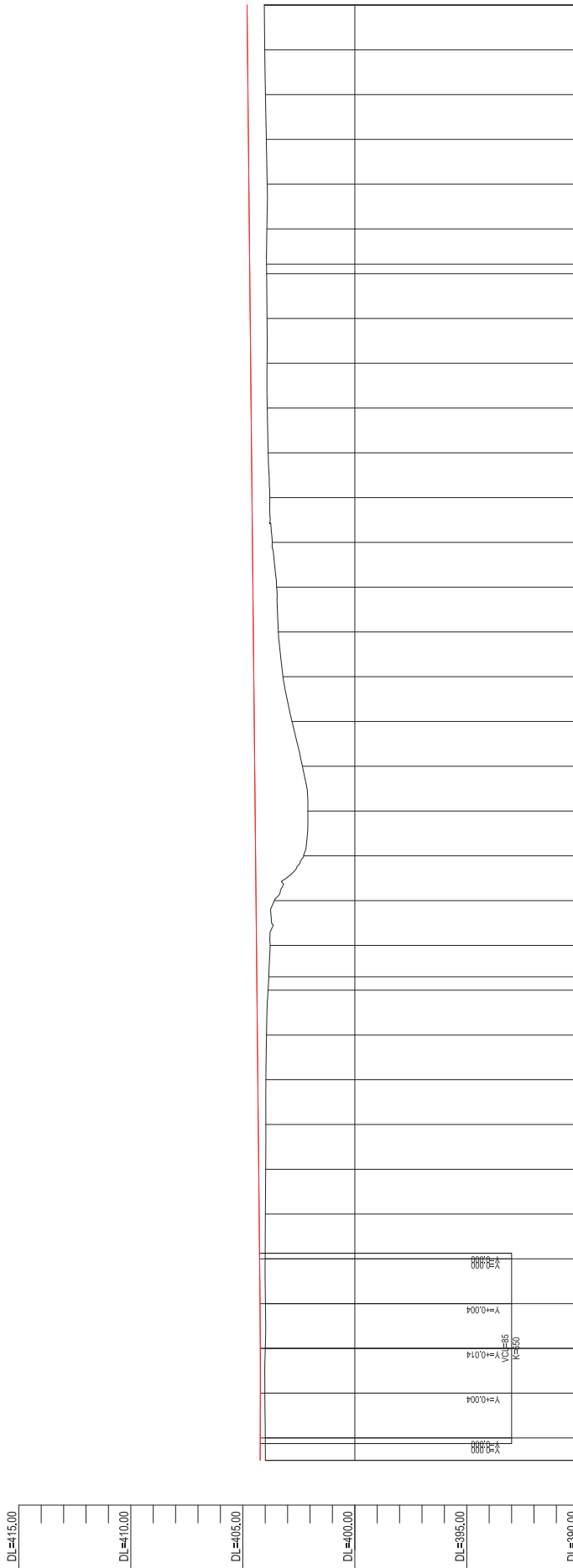
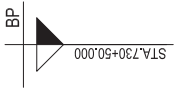
Catch Basin B1800-L1800-H1500
U-Ditch-B1000-H1000 L=41.30
U-Ditch-B560-H400 L=89.40
Kerb Stone L=48.10



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

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

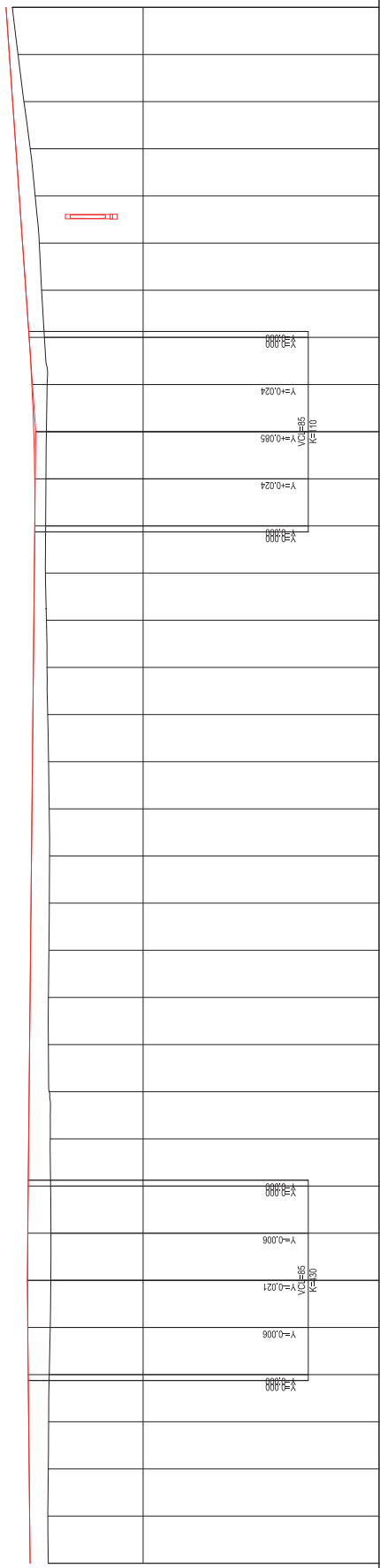
PROFILE (1)



VERTICAL ALIGNMENT	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	STATION	HORIZONTAL CURVATURE	SUPER ELEVATION
	404.225	404.225	10.000	404.222	EC 1-0	STA.730 +50.000
	404.220	404.220	20.000	404.220		
	404.224	404.234	20.000	404.224		
	404.250	404.250	20.000	404.250		
	404.270	404.270	20.000	404.270		
	404.290	404.290	20.000	404.290		
	404.310	404.310	20.000	404.310		
	404.330	404.330	20.000	404.330		
	404.350	404.350	20.000	404.350		
	404.370	404.370	20.000	404.370	BC 2-0	
	404.387	404.376	5.961	404.376		
	404.394	404.384	14.039	404.390		
	404.398	404.398	20.000	404.398		
	404.410	404.410	20.000	404.410		
	404.430	404.430	20.000	404.430		
	404.450	404.450	20.000	404.450		
	404.470	404.470	20.000	404.470		
	404.480	404.480	20.000	404.480		
	404.510	404.510	20.000	404.510		
	404.520	404.530	20.000	404.530		
	404.549	404.530	20.000	404.549		
	404.570	404.570	20.000	404.570		
	404.580	404.590	20.000	404.590		
	404.610	404.610	20.000	404.610		
	404.630	404.630	20.000	404.630		
	404.650	404.650	20.000	404.650		
	404.670	404.670	20.000	404.670		
	404.694	404.694	4.236	404.694	EC 2-0	
	404.690	404.690	20.000	404.690		
	404.736	404.736	15.764	404.710		
	404.730	404.730	20.000	404.730		
	404.750	404.750	20.000	404.750		
	404.770	404.770	20.000	404.770		
	404.790	404.790	20.000	404.790		
	404.810	404.810	20.000	404.810		

PROFILE (2)

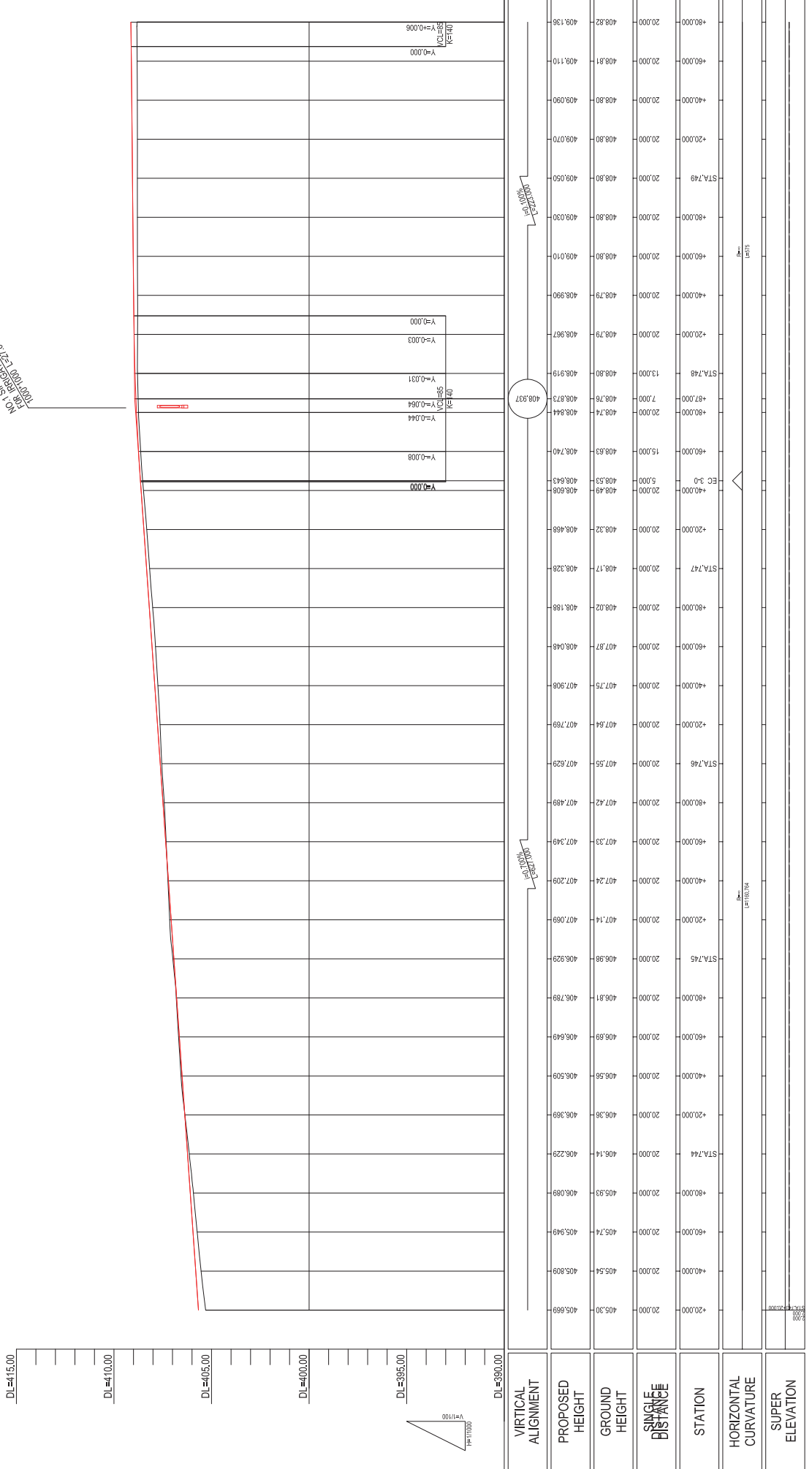
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 1:1000
 1:1000
 1:1000



VERTICAL ALIGNMENT	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	STATION	HORIZONTAL CURVATURE	SUPER ELEVATION
DL=390.00	404.910	404.889	20.000	STA.738		
	403.94	404.884	20.000	403.94		
	403.98	404.870	20.000	403.98		
	404.00	404.850	20.000	404.00		
	404.02	404.830	20.000	404.02		
	404.04	404.810	20.000	404.04		
	404.06	404.790	20.000	404.06		
	404.08	404.770	20.000	404.08		
	404.10	404.750	20.000	404.10		
	404.12	404.730	20.000	404.12		
	404.14	404.710	20.000	404.14		
	404.16	404.690	20.000	404.16		
	404.18	404.670	20.000	404.18		
	404.20	404.650	20.000	404.20		
	404.22	404.630	20.000	404.22		
	404.24	404.610	20.000	404.24		
	404.26	404.590	20.000	404.26		
	404.28	404.570	20.000	404.28		
	404.30	404.550	20.000	404.30		
	404.32	404.530	20.000	404.32		
	404.34	404.510	20.000	404.34		
	404.36	404.490	20.000	404.36		
	404.38	404.470	20.000	404.38		
	404.40	404.450	20.000	404.40		
	404.42	404.430	20.000	404.42		
	404.44	404.410	20.000	404.44		
	404.46	404.390	20.000	404.46		
	404.48	404.370	20.000	404.48		
	404.50	404.350	20.000	404.50		
	404.52	404.330	20.000	404.52		
	404.54	404.310	20.000	404.54		
	404.56	404.290	20.000	404.56		
	404.58	404.270	20.000	404.58		
	404.60	404.250	20.000	404.60		
	404.62	404.230	20.000	404.62		
	404.64	404.210	20.000	404.64		
	404.66	404.190	20.000	404.66		
	404.68	404.170	20.000	404.68		
	404.70	404.150	20.000	404.70		
	404.72	404.130	20.000	404.72		
	404.74	404.110	20.000	404.74		
	404.76	404.090	20.000	404.76		
	404.78	404.070	20.000	404.78		
	404.80	404.050	20.000	404.80		
	404.82	404.030	20.000	404.82		
	404.84	404.010	20.000	404.84		
	404.86	403.990	20.000	404.86		
	404.88	403.970	20.000	404.88		
	404.90	403.950	20.000	404.90		
	404.92	403.930	20.000	404.92		
	404.94	403.910	20.000	404.94		
	404.96	403.890	20.000	404.96		
	404.98	403.870	20.000	404.98		
	405.00	403.850	20.000	405.00		
	405.02	403.830	20.000	405.02		
	405.04	403.810	20.000	405.04		
	405.06	403.790	20.000	405.06		
	405.08	403.770	20.000	405.08		
	405.10	403.750	20.000	405.10		
	405.12	403.730	20.000	405.12		
	405.14	403.710	20.000	405.14		
	405.16	403.690	20.000	405.16		
	405.18	403.670	20.000	405.18		
	405.20	403.650	20.000	405.20		
	405.22	403.630	20.000	405.22		
	405.24	403.610	20.000	405.24		
	405.26	403.590	20.000	405.26		
	405.28	403.570	20.000	405.28		
	405.30	403.550	20.000	405.30		
	405.32	403.530	20.000	405.32		
	405.34	403.510	20.000	405.34		
	405.36	403.490	20.000	405.36		
	405.38	403.470	20.000	405.38		
	405.40	403.450	20.000	405.40		
	405.42	403.430	20.000	405.42		
	405.44	403.410	20.000	405.44		
	405.46	403.390	20.000	405.46		
	405.48	403.370	20.000	405.48		
	405.50	403.350	20.000	405.50		
	405.52	403.330	20.000	405.52		
	405.54	403.310	20.000	405.54		

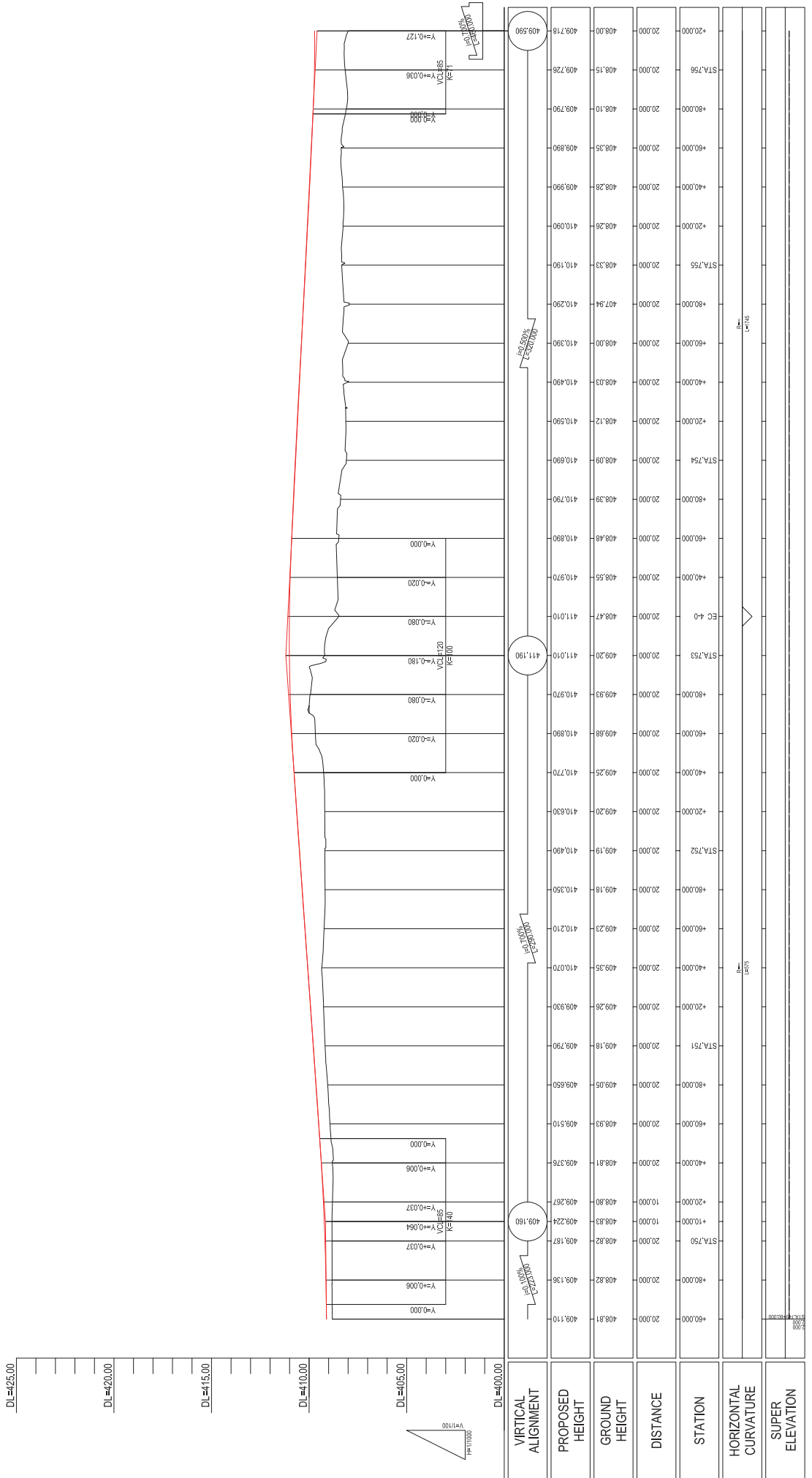
PROFILE (3)

NO. 1 SIGN TOP BOX CLIENT
 8.12.21.000.000
 NOT FOR CONSTRUCTION



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 (3)		CHECKED	APPROVED	SCALE (A1 SIZE) H=1/1000 V=1/100	DATE	DRAWING NO. PR-03	SHEET NO. 3/15
	<p>DL=415.00</p> <p>DL=410.00</p> <p>DL=405.00</p> <p>DL=400.00</p> <p>DL=395.00</p> <p>DL=390.00</p>											

PROFILE (4)



VERTICAL ALIGNMENT	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	STATION	HORIZONTAL CURVATURE	SUPER ELEVATION
409.110	409.136	408.82	20.000	408.81		
409.180	409.187	408.83	20.000	408.82		
409.224	409.224	408.83	10.000	408.83		
409.267	409.267	408.80	10.000	408.80		
409.376	409.376	408.81	20.000	408.81		
409.510	409.510	408.93	20.000	408.93		
409.650	409.650	409.05	20.000	409.05		
409.790	409.790	409.18	20.000	409.18		
409.930	409.930	409.26	20.000	409.26		
410.070	410.070	409.35	20.000	409.35		
410.210	410.210	409.23	20.000	409.23		
410.350	410.350	409.18	20.000	409.18		
410.490	410.490	409.19	20.000	409.19		
410.630	410.630	409.20	20.000	409.20		
410.770	410.770	409.25	20.000	409.25		
410.890	410.890	409.88	20.000	409.88		
410.970	410.970	409.93	20.000	409.93		
411.010	411.010	409.20	20.000	409.20		
411.010	411.010	409.47	20.000	409.47	EC 4-0	
410.970	410.970	408.55	20.000	408.55		
410.890	410.890	408.48	20.000	408.48		
410.790	410.790	408.39	20.000	408.39		
410.690	410.690	408.09	20.000	408.09		
410.590	410.590	408.12	20.000	408.12		
410.490	410.490	408.03	20.000	408.03		
410.390	410.390	408.00	20.000	408.00		
410.290	410.290	407.94	20.000	410.290		
410.190	410.190	408.33	20.000	410.190		
410.090	410.090	408.28	20.000	410.090		
409.990	409.990	408.28	20.000	409.990		
409.890	409.890	408.35	20.000	409.890		
408.10	408.10	408.10	20.000	408.10		
408.726	408.726	408.15	20.000	408.726		
408.00	408.00	409.718	20.000	408.00		

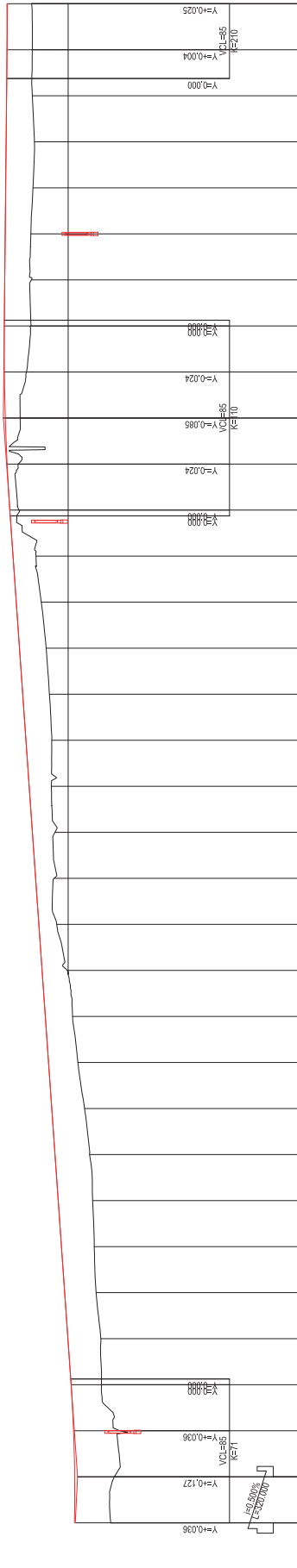
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: PROFILE (4)			CHECKED	APPROVED	SCALE (A1 SIZE) H=1/1000 V=1/100	DATE	DRAWING NO. PR-04	SHEET NO. 4/15
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PROFILE (5)

NO. 3 CROSS-RANGE BOX-CULVERT
TOP ELEVATION
1007.000 (2.870)

NO. 3 SHOWN TYPE BOX-CULVERT
TOP ELEVATION
1007.000 (2.870)

NO. 2 CROSS-RANGE BOX-CULVERT
TOP ELEVATION
1007.000 (2.870)



VERTICAL ALIGNMENT	PROPOSED HEIGHT	GROUND HEIGHT	SINGLE DISTANCE	STATION	HORIZONTAL CURVATURE	SUPER ELEVATION
409.590	409.718	408.00	20.000	STA.756		
	408.15	408.726	20.000			
	407.74	408.766	20.000			
	408.65	408.870	20.000			
	408.79	410.150	20.000	STA.757		
	410.04	410.290	20.000			
	410.81	410.710	20.000			
	410.94	410.710	20.000			
	410.850	410.850	20.000	STA.758		
	410.990	410.990	20.000			
	410.71	410.990	20.000			
	410.830	411.830	20.000			
	410.81	411.970	20.000			
	410.95	412.110	20.000			
	411.10	412.250	20.000	STA.760		
	411.40	412.390	20.000			
	412.13	412.530	20.000			
	412.846	412.846	20.000			
	412.08	412.725	20.000			
412.810	412.725	412.725	20.000	STA.761		
	411.81	412.766	20.000			
	411.63	412.770	20.000			
	411.80	412.750	20.000			
	411.62	412.730	20.000			
	411.53	412.710	20.000			
	411.48	412.690	20.000	STA.762		
	411.55	412.670	20.000			
	411.55	412.654	20.000			
	411.59	412.655	20.000			

PROFILE (6)

NO. 3 SIGN TYP. BOX-CUSTOMER
01.23.1001.000
FOR BRIDGE

NO. 3 SIGN TYP. BOX-CUSTOMER
01.23.1001.000
FOR BRIDGE

DL=+25.00

DL=+20.00

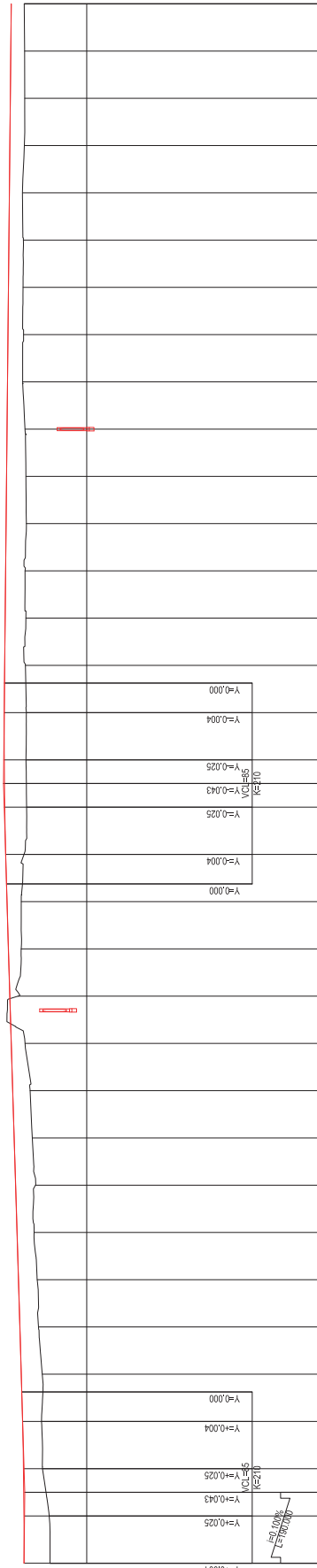
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DL=+10.00

DL=+05.00



DL=+00.00



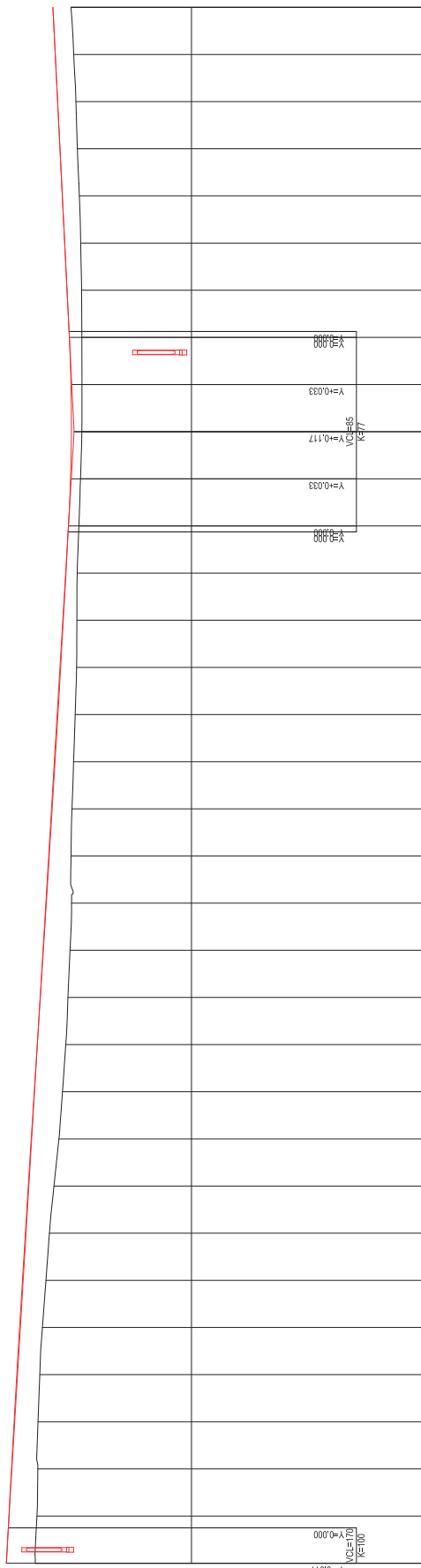
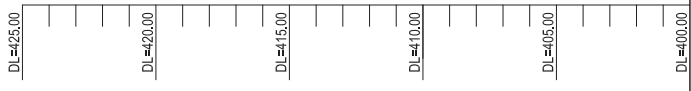
VERTICAL ALIGNMENT	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	STATION	HORIZONTAL CURVATURE	SUPER ELEVATION
	412.854	412.854	20.000	412.854		
	412.855	412.855	20.000	412.855		
	412.863	412.863	10.000	412.863		
	411.87	411.87	10.000	411.87		
	412.714	412.714	20.000	412.714		
	411.88	411.88	20.000	411.88		
	412.770	412.770	20.000	412.770		
	412.830	412.830	20.000	412.830		
	412.04	412.04	20.000	412.04		
	412.890	412.890	20.000	412.890		
	412.23	412.23	20.000	412.23		
	412.950	412.950	20.000	412.950		
	413.010	413.010	20.000	413.010		
	412.30	412.30	20.000	412.30		
	413.070	413.070	20.000	413.070		
	412.40	412.40	20.000	412.40		
	413.130	413.130	20.000	413.130		
	412.81	412.81	20.000	412.81		
	413.190	413.190	20.000	413.190		
	412.91	412.91	20.000	412.91		
	413.250	413.250	20.000	413.250		
	412.77	412.77	20.000	412.77		
	413.370	413.370	20.000	413.370		
	413.426	413.426	20.000	413.426		
	412.85	412.85	20.000	412.85		
	413.485	413.485	10.000	413.485		
	412.57	412.57	10.000	412.57		
	413.477	413.477	10.000	413.477		
	412.55	412.55	20.000	412.55		
	413.465	413.465	20.000	413.465		
	412.54	412.54	20.000	412.54		
	413.485	413.485	20.000	413.485		
	412.55	412.55	20.000	412.55		
	413.486	413.486	20.000	413.486		
	412.59	412.59	20.000	412.59		
	413.470	413.470	20.000	413.470		
	412.57	412.57	20.000	412.57		
	413.450	413.450	20.000	413.450		
	412.81	412.81	20.000	412.81		
	413.370	413.370	20.000	413.370		
	412.71	412.71	20.000	412.71		
	413.350	413.350	20.000	413.350		
	412.67	412.67	20.000	412.67		
	413.330	413.330	20.000	413.330		
	412.89	412.89	20.000	412.89		
	413.310	413.310	20.000	413.310		
	412.88	412.88	20.000	412.88		
	413.290	413.290	20.000	413.290		
	412.72	412.72	20.000	412.72		
	413.250	413.250	20.000	413.250		
	412.84	412.84	20.000	412.84		
	413.230	413.230	20.000	413.230		
	412.82	412.82	20.000	412.82		
	413.210	413.210	20.000	413.210		
	412.83	412.83	20.000	412.83		
	413.190	413.190	20.000	413.190		
	412.84	412.84	20.000	412.84		

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 (6)			CHECKED	APPROVED	SCALE (A1 SIZE) H=1/1000 V=1/100	DATE	DRAWING NO. PR-06	SHEET NO. 6/15
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PROFILE (8)

NO. 2 CROSS DRAINAGE FOR CLIENT

NO. 4 SIGN TRAP FOR CLIENT



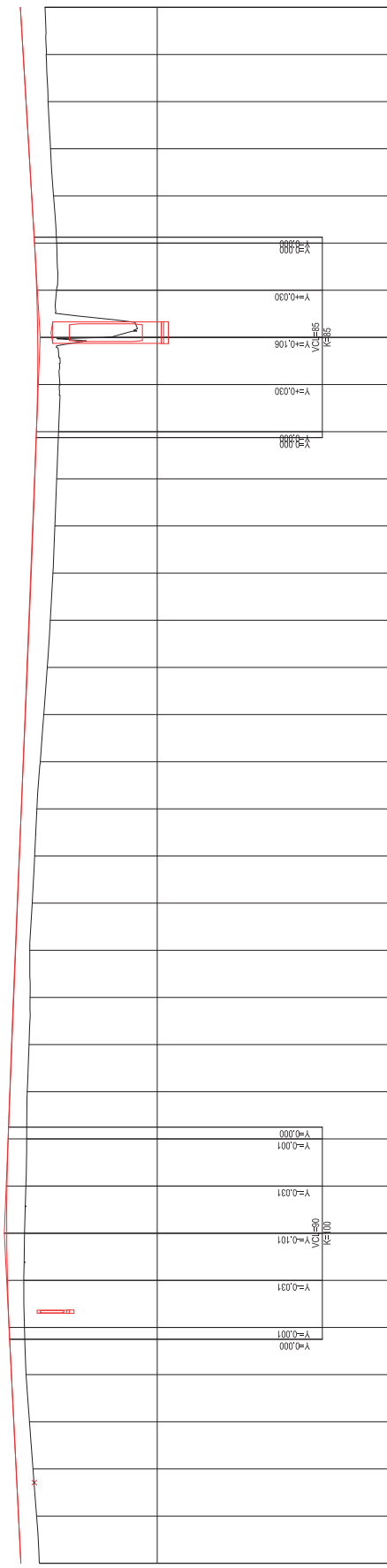
VERTICAL ALIGNMENT	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	STATION	HORIZONTAL CURVATURE	SUPER ELEVATION
417.849	417.740	416.83	20.000	STA.778		
417.849	416.52	416.32	20.000	STA.778		
417.849	417.280	416.17	20.000	STA.778		
417.849	417.380	416.44	20.000	STA.778		
417.849	417.500	416.51	20.000	STA.778		
417.849	417.620	416.52	20.000	STA.778		
417.849	417.740	416.52	20.000	STA.778		
417.849	417.860	416.44	20.000	STA.778		
417.849	417.980	416.32	20.000	STA.778		
417.849	418.100	416.17	20.000	STA.778		
417.849	418.220	416.03	20.000	STA.778		
417.849	418.340	415.83	20.000	STA.778		
417.849	418.460	415.62	20.000	STA.777		
417.849	418.580	415.47	20.000	STA.777		
417.849	418.700	415.33	20.000	STA.777		
417.849	418.820	415.24	20.000	STA.777		
417.849	418.940	415.15	20.000	STA.777		
417.849	419.060	415.09	20.000	STA.777		
417.849	419.180	415.11	20.000	STA.778		
417.849	419.300	415.11	20.000	STA.778		
417.849	419.420	415.24	20.000	STA.778		
417.849	419.540	415.33	20.000	STA.778		
417.849	419.660	415.47	20.000	STA.778		
417.849	419.780	415.62	20.000	STA.778		
417.849	419.900	415.700	20.000	STA.779		
417.849	420.020	414.87	20.000	STA.779		
417.849	420.140	414.80	20.000	STA.779		
417.849	420.260	414.85	20.000	STA.779		
417.849	420.380	414.85	20.000	STA.779		
417.849	420.500	414.85	20.000	STA.779		
417.849	420.620	414.85	20.000	STA.779		
417.849	420.740	414.85	20.000	STA.779		
417.849	420.860	414.85	20.000	STA.779		
417.849	420.980	414.85	20.000	STA.779		
417.849	421.100	414.85	20.000	STA.779		
417.849	421.220	414.70	20.000	STA.780		
417.849	421.340	414.71	20.000	STA.780		
417.849	421.460	414.70	20.000	STA.780		
417.849	421.580	414.76	20.000	STA.781		
417.849	421.700	414.84	20.000	STA.781		
417.849	421.820	414.90	20.000	STA.781		
417.849	421.940	415.00	20.000	STA.781		
417.849	422.060	415.00	20.000	STA.781		
417.849	422.180	415.00	20.000	STA.781		
417.849	422.300	415.00	20.000	STA.781		
417.849	422.420	415.00	20.000	STA.781		
417.849	422.540	415.00	20.000	STA.781		
417.849	422.660	415.00	20.000	STA.781		
417.849	422.780	415.00	20.000	STA.781		
417.849	422.900	415.00	20.000	STA.781		
417.849	423.020	415.00	20.000	STA.781		
417.849	423.140	415.00	20.000	STA.781		
417.849	423.260	415.00	20.000	STA.781		
417.849	423.380	415.00	20.000	STA.781		
417.849	423.500	415.00	20.000	STA.781		
417.849	423.620	415.00	20.000	STA.781		
417.849	423.740	415.00	20.000	STA.781		
417.849	423.860	415.00	20.000	STA.781		
417.849	423.980	415.00	20.000	STA.781		
417.849	424.100	415.00	20.000	STA.781		
417.849	424.220	415.00	20.000	STA.781		
417.849	424.340	415.00	20.000	STA.781		
417.849	424.460	415.00	20.000	STA.781		
417.849	424.580	415.00	20.000	STA.781		
417.849	424.700	415.00	20.000	STA.781		
417.849	424.820	415.00	20.000	STA.781		
417.849	424.940	415.00	20.000	STA.781		
417.849	425.060	415.00	20.000	STA.781		

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 (8)	DRAWING NO. PR-08	SHEET NO. 8/15
			DATE	
		APPROVED	SCALE (A1 SIZE) H=1/1000 V=1/100	
		CHECKED		

PROFILE (9)

NO. 5 SPREAD TYPE BOX CULVERT
 0.8x1.2x10.0 (0.8x1.2x10.0)
 FOR REINFORCEMENT

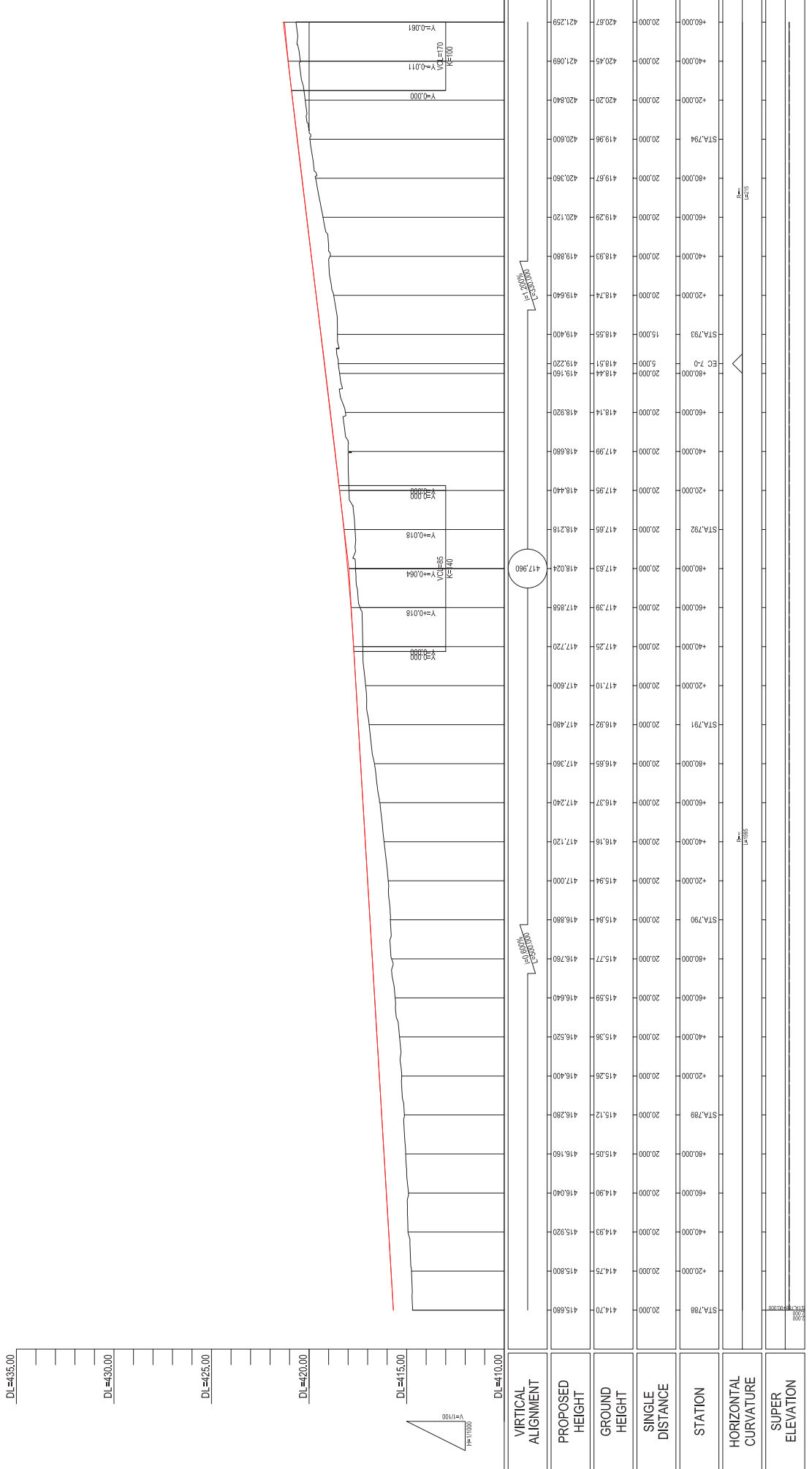
NO. 5 BOX CULVERT
 0.8x1.2x10.0 (0.8x1.2x10.0)
 FOR REINFORCEMENT



VERTICAL ALIGNMENT	PROPOSED HEIGHT	GROUND HEIGHT	SINGLE DISTANCE	STATION	HORIZONTAL CURVATURE	SUPER ELEVATION
DL=+40.00	415.800	415.790	20.000	STA.782		
	415.880	415.880	20.000			
	415.980	415.980	20.000			
	416.080	416.080	20.000			
	416.180	416.180	20.000			
	416.279	416.279	20.000			
	416.349	416.349	20.000			
	416.379	416.379	20.000	STA.783		
	416.399	416.399	20.000			
	416.433	416.433	20.000			
	416.480	416.480	20.000			
	416.539	416.539	20.000			
	416.582	416.582	20.000			
	416.600	416.600	20.000			
	416.681	416.681	20.000			
	416.750	416.750	20.000	STA.785		
	416.780	416.780	20.000			
	416.840	416.840	20.000			
	416.880	416.880	20.000			
	416.920	416.920	20.000			
	416.940	416.940	20.000			
	416.980	416.980	20.000			
	417.000	417.000	20.000			
	417.080	417.080	20.000			
	417.120	417.120	20.000			
	417.170	417.170	20.000			
	417.200	417.200	20.000			
	417.260	417.260	20.000			
	417.320	417.320	20.000			
	417.370	417.370	20.000			
	417.420	417.420	20.000			
	417.440	417.440	20.000			
	417.463	417.463	20.000			
	417.470	417.470	20.000	STA.788		
	417.480	417.480	20.000			
	417.490	417.490	20.000			
	417.500	417.500	20.000			
	417.520	417.520	20.000			
	417.530	417.530	20.000			
	417.540	417.540	20.000			
	417.560	417.560	20.000			
	417.580	417.580	20.000			
	417.590	417.590	20.000			
	417.600	417.600	20.000			
	417.620	417.620	20.000			
	417.630	417.630	20.000			
	417.640	417.640	20.000			
	417.650	417.650	20.000			
	417.660	417.660	20.000			
	417.670	417.670	20.000			
	417.680	417.680	20.000			
	417.690	417.690	20.000			
	417.700	417.700	20.000			
	417.710	417.710	20.000			
	417.720	417.720	20.000			
	417.730	417.730	20.000			
	417.740	417.740	20.000			
	417.750	417.750	20.000			
	417.760	417.760	20.000			
	417.770	417.770	20.000			
	417.780	417.780	20.000			
	417.790	417.790	20.000			
	417.800	417.800	20.000			

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: 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)



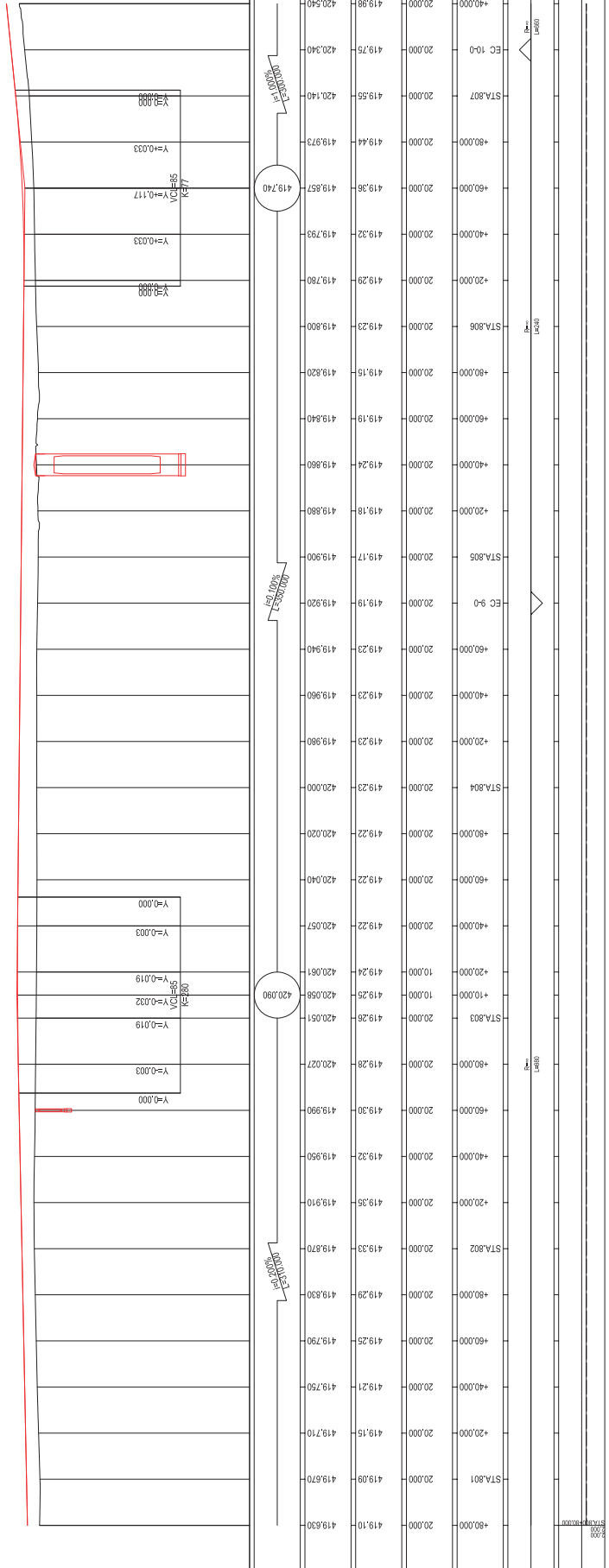
VERTICAL ALIGNMENT	PROPOSED HEIGHT	GROUND HEIGHT	SINGLE DISTANCE	STATION	HORIZONTAL CURVATURE	SUPER ELEVATION
414.70	415.680	414.70	20.000	STA.788		
414.75	415.800	414.75	20.000			
414.93	415.920	414.93	20.000			
414.90	416.040	414.90	20.000			
415.05	416.160	415.05	20.000	STA.789		
415.12	416.280	415.12	20.000			
415.26	416.400	415.26	20.000			
415.36	416.520	415.36	20.000			
415.59	416.640	415.59	20.000			
415.77	416.760	415.77	20.000	STA.790		
415.84	416.880	415.84	20.000			
415.94	417.000	415.94	20.000			
416.16	417.120	416.16	20.000			
416.37	417.240	416.37	20.000			
416.65	417.360	416.65	20.000	STA.791		
416.85	417.480	416.85	20.000			
417.10	417.600	417.10	20.000			
417.25	417.720	417.25	20.000			
417.39	417.840	417.39	20.000			
417.63	417.960	417.63	20.000	STA.792		
418.218	418.080	418.218	20.000			
418.440	418.200	418.440	20.000			
417.95	418.320	417.95	20.000			
418.440	418.440	418.440	20.000			
417.99	418.560	417.99	20.000			
418.890	418.680	418.890	20.000			
418.920	418.800	418.920	20.000			
418.14	418.920	418.14	20.000			
418.44	419.040	418.44	20.000	STA.793		
419.150	419.160	419.150	20.000			
418.57	419.280	418.57	20.000			
418.55	419.400	418.55	20.000			
418.74	419.520	418.74	20.000			
419.880	419.640	419.880	20.000			
419.93	419.760	419.93	20.000			
420.120	419.880	420.120	20.000			
419.67	420.000	419.67	20.000			
420.800	420.120	420.800	20.000			
420.20	420.240	420.20	20.000			
420.45	420.360	420.45	20.000			
420.87	420.480	420.87	20.000			

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: PROFILE (10)			CHECKED	APPROVED	SCALE (A1 SIZE) H=1/1000 V=1/100	DATE	DRAWING NO. PR-10	SHEET NO. 10/15
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PROFILE (12)

NO.7 SIGN THREE BOX CULVERT
 1:500
 SHEET NO.000-000
 1:500
 NOT TO SCALE

NO.10 BOX CULVERT
 1:500
 SHEET NO.000-000
 1:500
 NOT TO SCALE



VERTICAL ALIGNMENT	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	STATION	HORIZONTAL CURVATURE	SUPER ELEVATION
DL=410.00	419.630	419.10	20.00	STA.801		
	419.670	419.08	20.00			
	419.710	419.15	20.00			
	419.750	419.21	20.00			
	419.790	419.25	20.00			
	419.830	419.29	20.00			
	419.870	419.33	20.00	STA.802		
	419.910	419.36	20.00			
	419.950	419.32	20.00			
	419.990	419.30	20.00			
	420.027	419.28	20.00			
	420.051	419.26	20.00	STA.803		
	420.058	419.25	10.00			
	420.061	419.24	10.00			
	420.057	419.22	20.00			
	420.040	419.22	20.00			
	420.020	419.22	20.00			
	420.000	419.23	20.00	STA.804		
	419.980	419.23	20.00			
	419.960	419.23	20.00			
	419.940	419.23	20.00			
	419.920	419.19	20.00	EC 9-0		
	419.900	419.17	20.00	STA.805		
	419.880	419.18	20.00			
	419.860	419.24	20.00			
	419.840	419.19	20.00			
	419.820	419.15	20.00			
	419.800	419.23	20.00	STA.806		
	419.790	419.29	20.00			
	419.793	419.32	20.00			
	419.793	419.32	20.00			
	419.857	419.36	20.00			
	419.973	419.44	20.00			
	420.140	419.55	20.00	STA.807		
	420.340	419.75	20.00			
	420.540	419.98	20.00			

PROFILE (13)

NO. 5 STATION TYPICAL LEFT
 THE INFORMATION
 3.00 1.00 0.00 0.00 0.00
 2.00 1.00 0.00 0.00 0.00

DL=435.00

DL=430.00

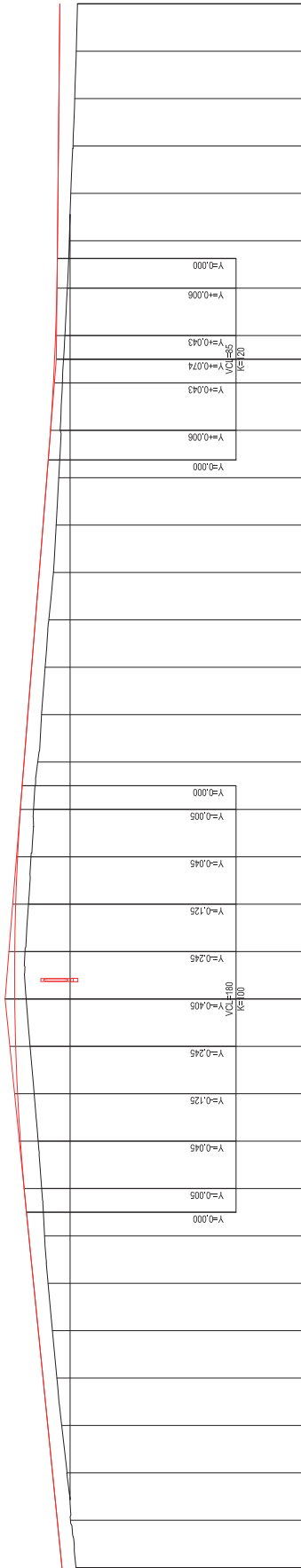
DL=425.00

DL=420.00

DL=415.00



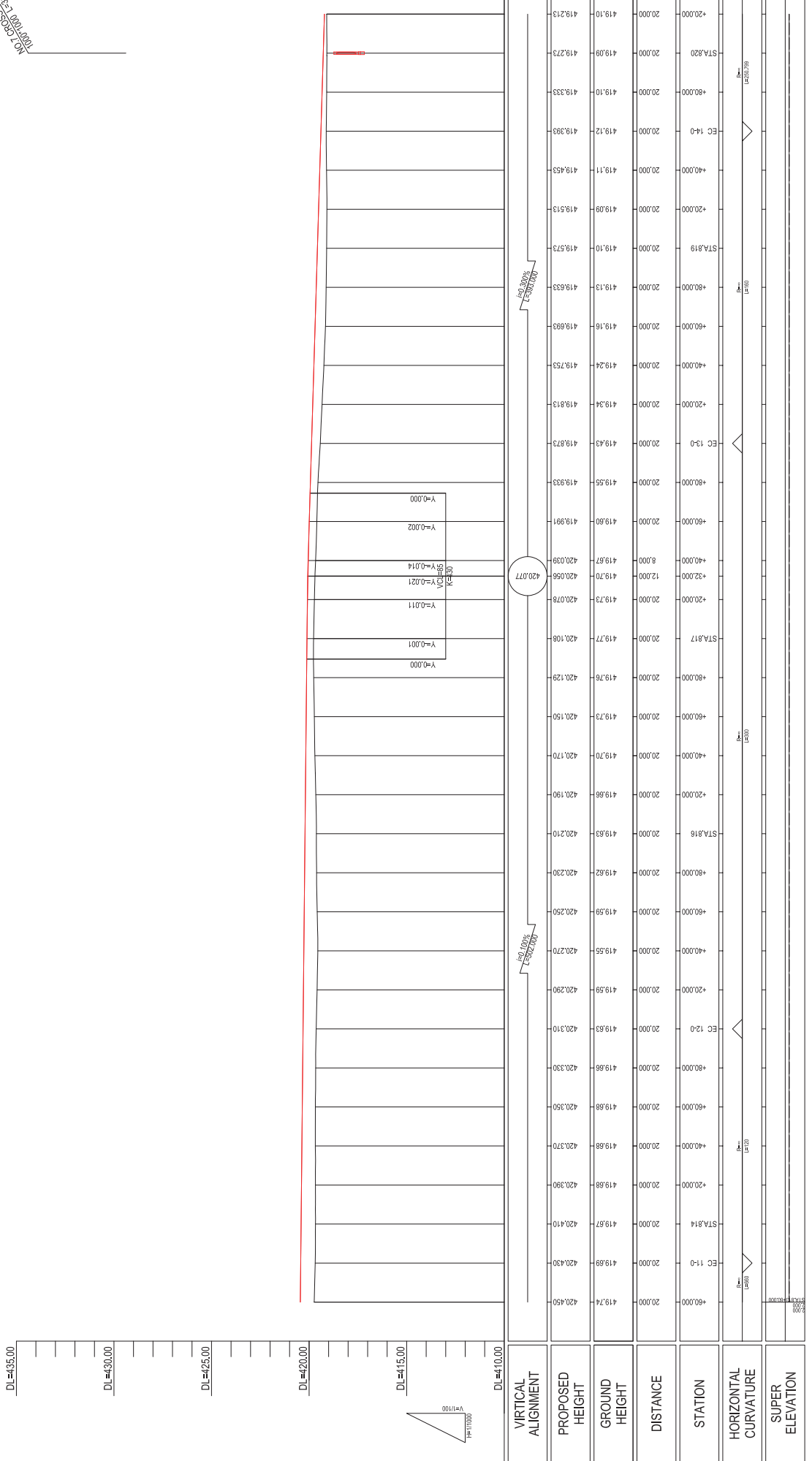
DL=410.00



VERTICAL ALIGNMENT	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	STATION	HORIZONTAL CURVATURE	SUPER ELEVATION
EC 10-0	420.340	419.75	0.000	420.340		
EC 10-0	420.540	419.98	20.000	420.540		
EC 10-0	420.740	420.13	20.000	420.740		
EC 10-0	420.940	420.38	20.000	420.940		
EC 10-0	421.140	420.56	20.000	421.140		
EC 10-0	421.340	420.74	20.000	421.340		
EC 10-0	421.540	420.93	20.000	421.540		
EC 10-0	421.740	421.10	20.000	421.740		
EC 10-0	421.935	421.20	20.000	421.935		
EC 10-0	422.095	421.35	20.000	422.095		
EC 10-0	422.215	421.51	20.000	422.215		
EC 10-0	422.295	421.69	20.000	422.295		
EC 10-0	422.335	421.85	20.000	422.335		
EC 10-0	422.355	421.85	20.000	422.355		
EC 10-0	422.355	421.85	20.000	422.355		
EC 10-0	422.295	421.69	20.000	422.295		
EC 10-0	422.215	421.85	20.000	422.215		
EC 10-0	422.095	421.54	20.000	422.095		
EC 10-0	421.940	421.36	20.000	421.940		
EC 10-0	421.780	421.20	20.000	421.780		
EC 10-0	421.620	421.05	20.000	421.620		
EC 10-0	421.480	420.90	20.000	421.480		
EC 10-0	421.300	420.70	20.000	421.300		
EC 10-0	421.140	420.59	20.000	421.140		
EC 10-0	420.980	420.48	20.000	420.980		
EC 10-0	420.826	420.42	20.000	420.826		
EC 10-0	420.703	420.32	20.000	420.703		
EC 10-0	420.654	420.28	10.000	420.654		
EC 10-0	420.613	420.22	10.000	420.613		
EC 10-0	420.556	420.12	20.000	420.556		
EC 10-0	420.530	420.03	20.000	420.530		
EC 10-0	420.510	419.97	20.000	420.510		
EC 10-0	420.490	419.88	20.000	420.490		
EC 10-0	420.470	419.80	20.000	420.470		
EC 10-0	420.450	419.74	20.000	420.450		
EC 10-0	420.430	419.69	20.000	420.430		

PROFILE (14)

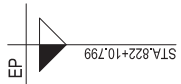
NO.7 CROSS-BRIDGE BOX CULVERT
100M X 10M L31.6



VERTICAL ALIGNMENT	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	STATION	HORIZONTAL CURVATURE	SUPER ELEVATION
DL=410.00	419.10	419.273	20.000	419.10	EC 14-0	0.000
	419.10	419.333	20.000	419.10		
	419.10	419.393	20.000	419.12		
	419.10	419.453	20.000	419.11		
	419.09	419.513	20.000	419.09		
	419.10	419.573	20.000	419.10		
	419.13	419.633	20.000	419.13		
	419.16	419.693	20.000	419.16		
	419.24	419.753	20.000	419.24		
	419.34	419.813	20.000	419.34		
	419.43	419.873	20.000	419.43		
	419.53	419.933	20.000	419.53		
	419.60	419.991	20.000	419.60		
	420.039	419.87	8.000	419.70		
	420.056	419.70	12.000	419.70		
	420.078	419.73	20.000	419.73		
	420.108	419.77	20.000	419.77		
	420.129	419.76	20.000	419.76		
	420.150	419.73	20.000	419.73		
	420.170	419.70	20.000	419.70		
	420.190	419.66	20.000	419.66		
	420.210	419.63	20.000	419.63		
	420.230	419.62	20.000	419.62		
	420.250	419.59	20.000	419.59		
	420.270	419.55	20.000	419.55		
	420.290	419.59	20.000	419.59		
	420.310	419.63	20.000	419.63		
	420.330	419.66	20.000	419.66		
	420.350	419.68	20.000	419.68		
	420.370	419.68	20.000	419.68		
	420.390	419.68	20.000	419.68		
	420.410	419.67	20.000	419.67		
	420.430	419.68	20.000	419.68		
	420.450	419.74	20.000	419.74		

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	TITLE: PROFILE (14)				DRAWING NO. PR-14	SHEET NO. 14/15
	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.		DATE	SCALE (A1 SIZE) H=1/1000 V=1/100	CHECKED	APPROVED	

PROFILE (15)



NO. 7 CROSS RAMPAGE BOX CULVERT
 STA. 822+10.799 TO STA. 822+100.000

NO. 1 CROSS RAMPAGE BOX CULVERT
 STA. 822+100.000 TO STA. 822+100.000

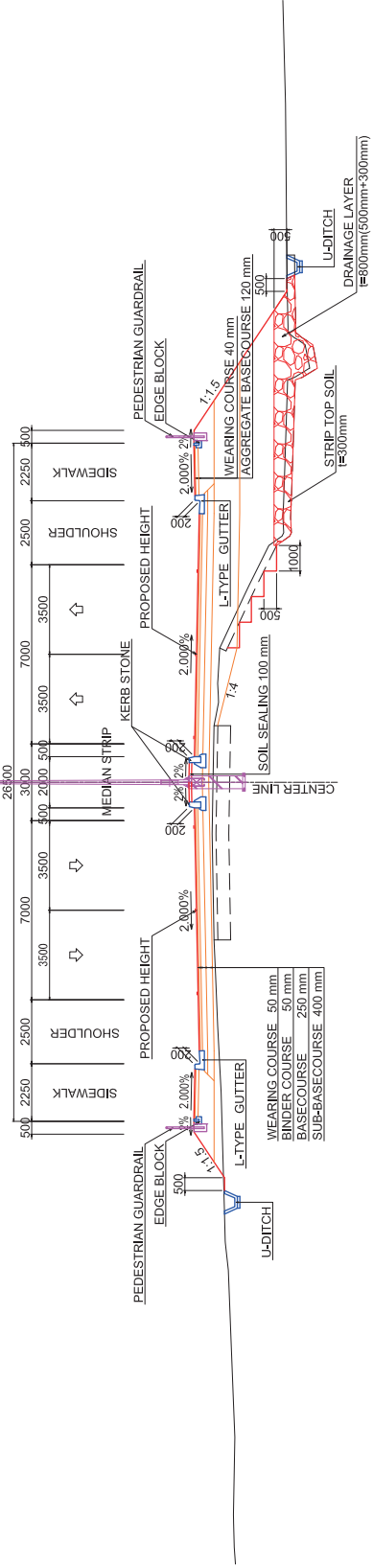


Y=+0.000	Y=+0.006	Y=+0.021	Y=+0.076	Y=+0.141	Y=+0.203	Y=+0.181	Y=+0.106	Y=+0.051	Y=+0.016	Y=+0.001	Y=+0.000
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VERTICAL ALIGNMENT	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	STATION	HORIZONTAL CURVATURE	SUPER ELEVATION
419.273	419.273	419.213	20.000	STA.820		
419.094	419.094	419.154	20.000	+40.000		
419.109	419.109	419.084	20.000	+60.000		
419.101	419.101	419.087	20.000	+80.000		
419.129	419.129	419.094	20.000	+100.000		
419.184	419.184	419.079	20.000	+120.000		
419.259	419.259	419.088	20.000	+140.000		
419.354	419.354	419.098	20.000	+160.000		
419.413	419.413	419.109	20.000	+180.000		
419.413	419.413	419.129	20.000	+200.000		
419.413	419.413	419.141	20.000	+220.000		
419.413	419.413	419.141	20.000	+240.000		
419.413	419.413	419.141	20.000	+260.000		
419.413	419.413	419.141	20.000	+280.000		
419.413	419.413	419.141	20.000	+300.000		
419.413	419.413	419.141	20.000	+320.000		
419.413	419.413	419.141	20.000	+340.000		
419.413	419.413	419.141	20.000	+360.000		
419.413	419.413	419.141	20.000	+380.000		
419.413	419.413	419.141	20.000	+400.000		
419.413	419.413	419.141	20.000	+420.000		
419.413	419.413	419.141	20.000	+440.000		
419.413	419.413	419.141	20.000	+460.000		
419.413	419.413	419.141	20.000	+480.000		
419.413	419.413	419.141	20.000	+500.000		
419.413	419.413	419.141	20.000	+520.000		
419.413	419.413	419.141	20.000	+540.000		
419.413	419.413	419.141	20.000	+560.000		
419.413	419.413	419.141	20.000	+580.000		
419.413	419.413	419.141	20.000	+600.000		
419.413	419.413	419.141	20.000	+620.000		
419.413	419.413	419.141	20.000	+640.000		
419.413	419.413	419.141	20.000	+660.000		
419.413	419.413	419.141	20.000	+680.000		
419.413	419.413	419.141	20.000	+700.000		
419.413	419.413	419.141	20.000	+720.000		
419.413	419.413	419.141	20.000	+740.000		
419.413	419.413	419.141	20.000	+760.000		
419.413	419.413	419.141	20.000	+780.000		
419.413	419.413	419.141	20.000	+800.000		
419.413	419.413	419.141	20.000	+820.000		
419.413	419.413	419.141	20.000	+840.000		
419.413	419.413	419.141	20.000	+860.000		
419.413	419.413	419.141	20.000	+880.000		
419.413	419.413	419.141	20.000	+900.000		
419.413	419.413	419.141	20.000	+920.000		
419.413	419.413	419.141	20.000	+940.000		
419.413	419.413	419.141	20.000	+960.000		
419.413	419.413	419.141	20.000	+980.000		
419.413	419.413	419.141	20.000	+1000.000		

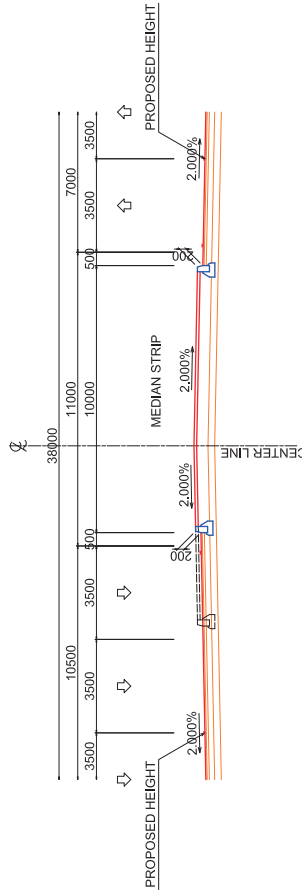
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S=1:100



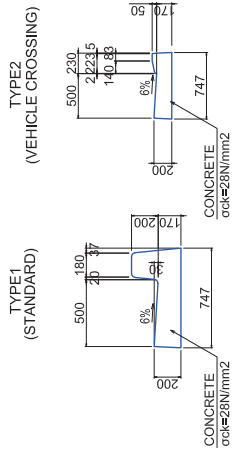
TYPICAL CROSS SECTION AT U-TURN ZONE

S=1:100



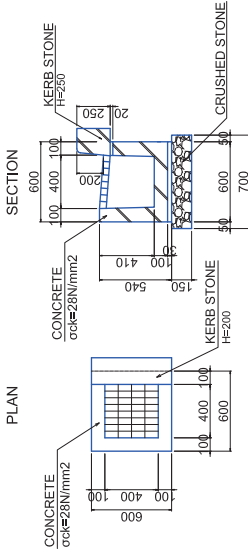
L-TYPE GUTTER

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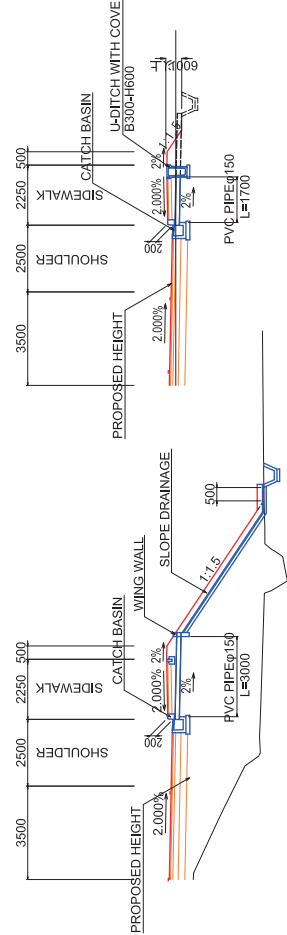
CATCH BASIN

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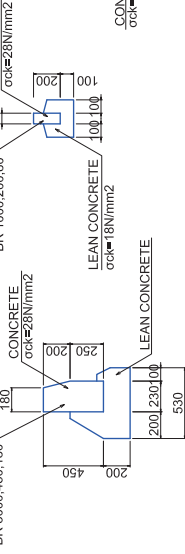
TYPICAL CROSS SECTION AT SLOPE DRAINAGE

S=1:100



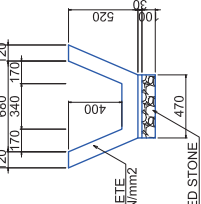
KERB STONE

S=1:20



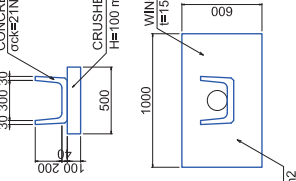
EDGE BLOCK

S=1:20



U-DITCH

S=1:20



SLOPE DRAINAGE

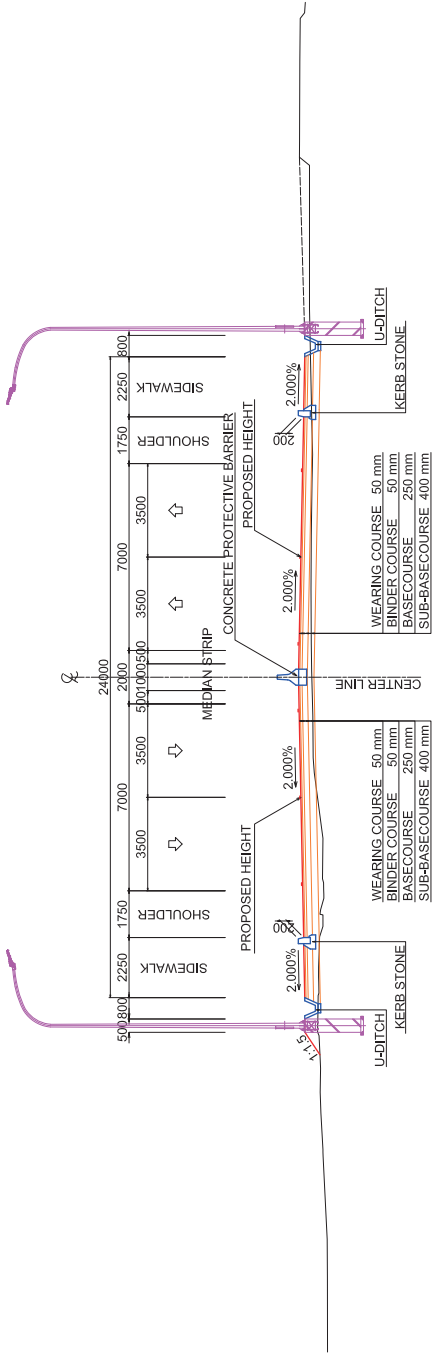
S=1:20

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

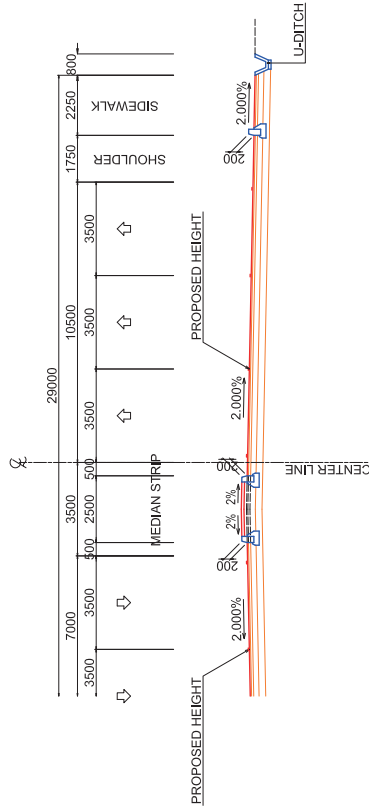
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	TITLE: TYPICAL CROSS SECTION TYPE-1	CHECKED	APPROVED	SCALE (A1 SIZE) 1:20 1:100	DATE	DRAWING NO. TP-01	SHEET NO. 1/2
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TYPICAL CROSS SECTION, TYPE-2 (STA. 807+20 TO END POINT)

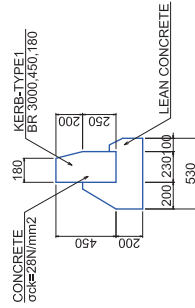
SCALE=1:100



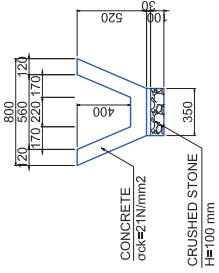
TYPICAL CROSS SECTION AT INTERSECTION
S=1:100



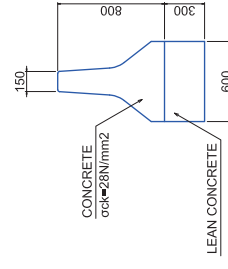
KERB STONE
S=1:20



U-DITCH
S=1:20



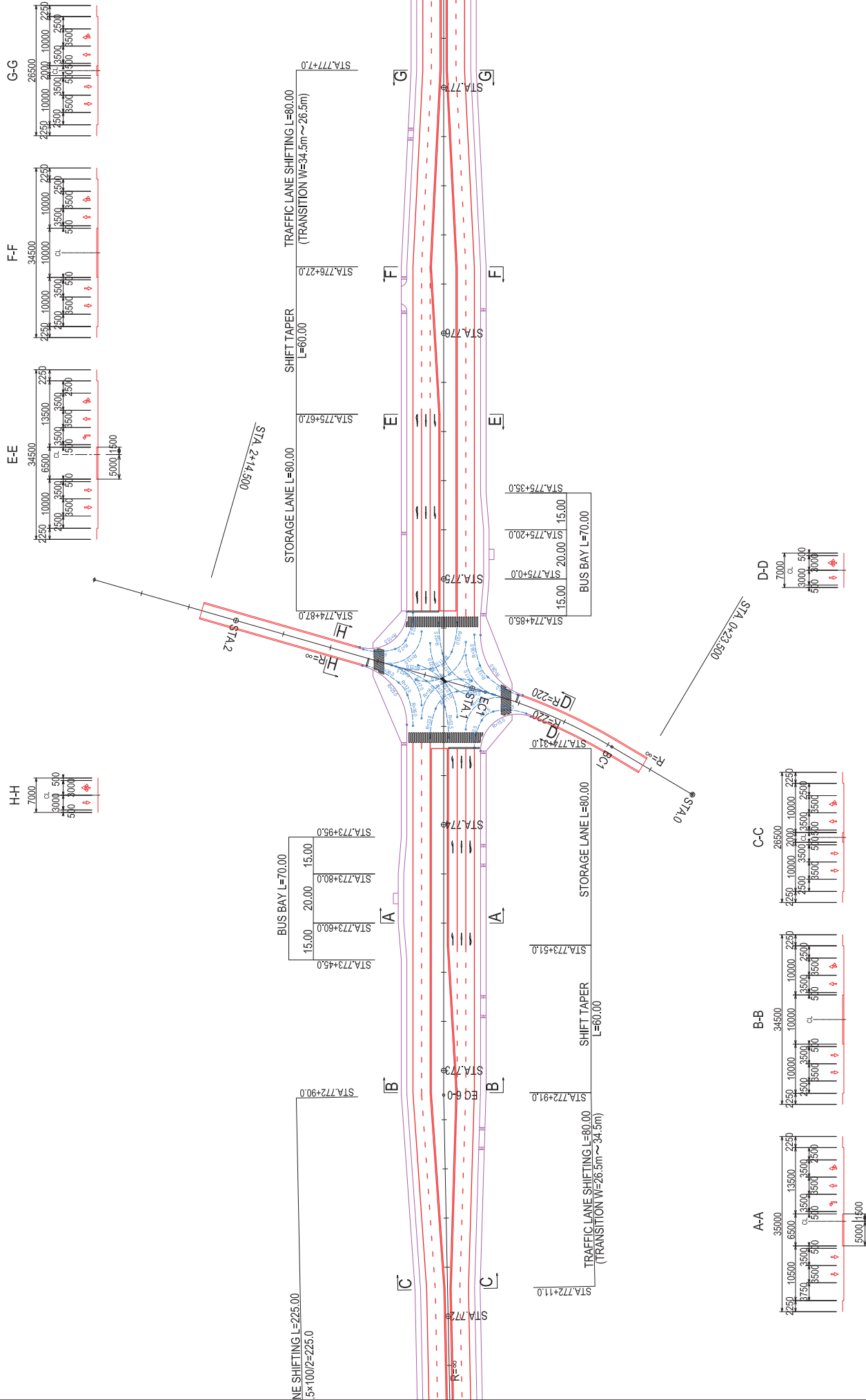
CONCRETE PROTECTIVE BARRIER
S=1:20



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

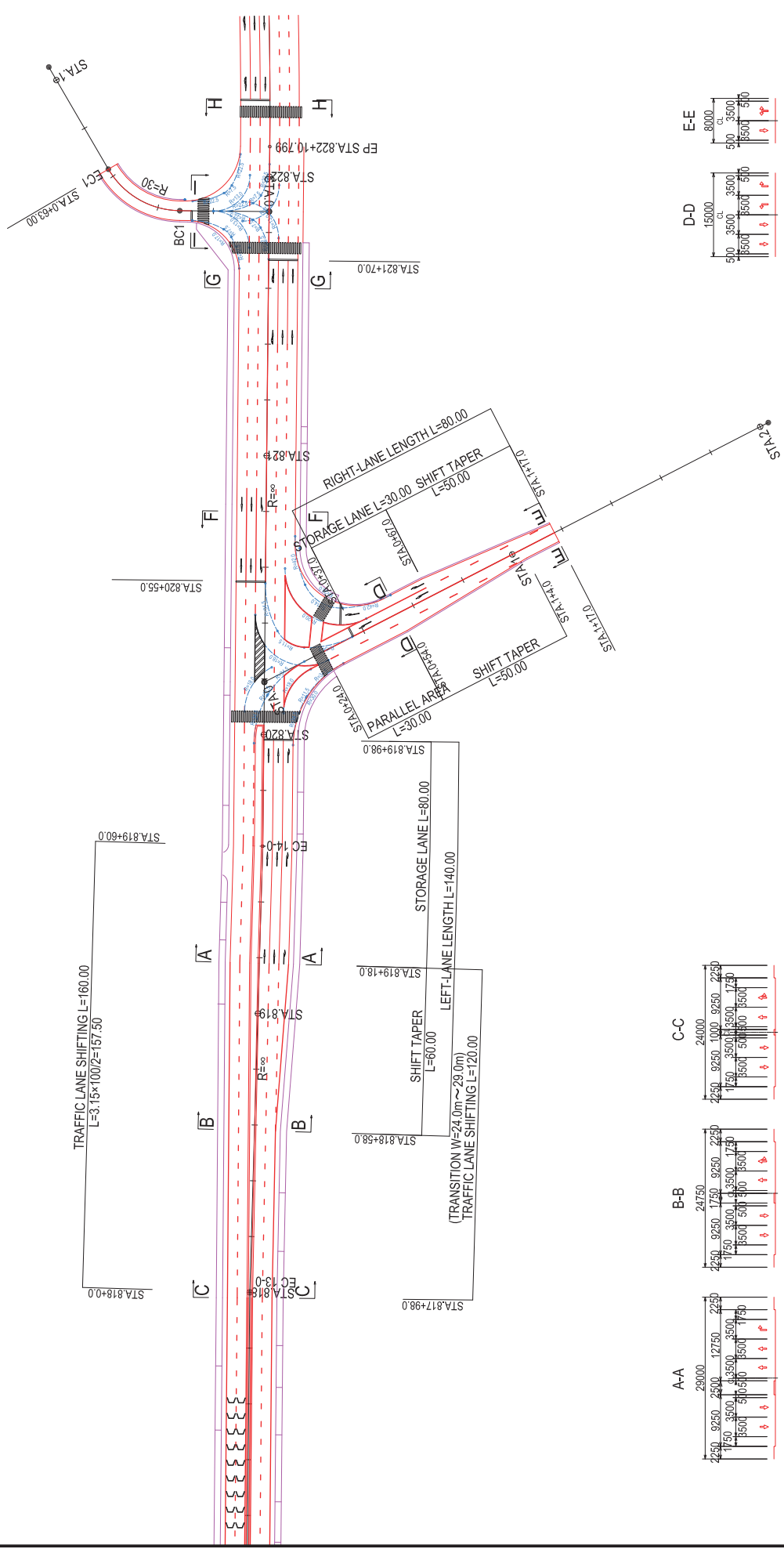
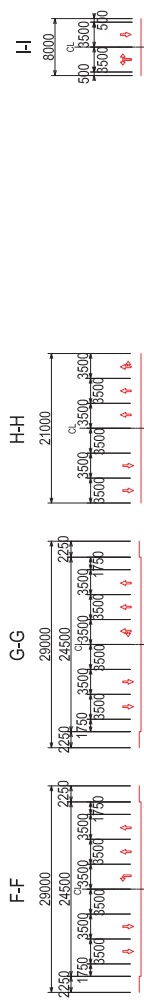
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: TYPICAL CROSS SECTION TYPE-2	CHECKED	APPROVED	SCALE (A1 SIZE) 1:20 1:100	DATE	DRAWING NO. TP-02	SHEET NO. 2/2
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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)				DRAWING NO. IP-01	SHEET NO. 1/2
			CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE		

INTERSECTION PLAN(2)

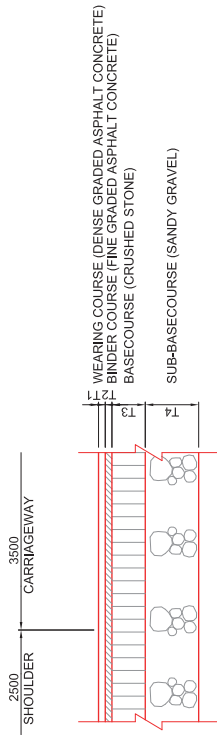


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	INTERSECTION PLAN(2)		CHECKED	APPROVED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

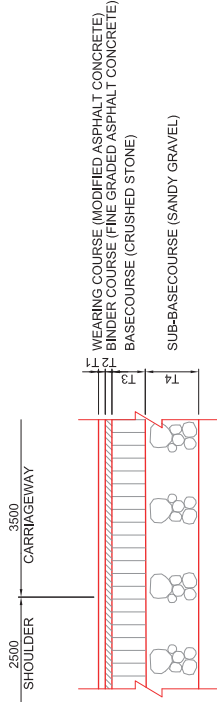
MAIN ROAD PAVEMENT STRUCTURE

TYPE-1



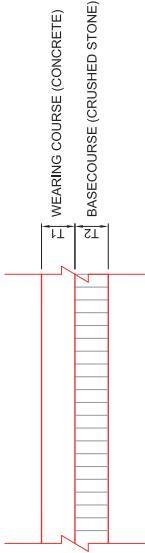
T1 WEARING COURSE (mm)	T2 BINDER COURSE (mm)	T3 BASE COURSE (mm)	T4 SUB-BASE COURSE (mm)
50	50	250	400

TYPE-2



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

TYPE-3



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

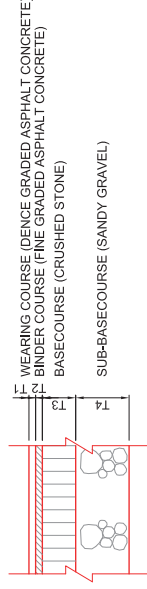
SIDEWALK PAVEMENT STRUCTURE

TYPICAL SECTION



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

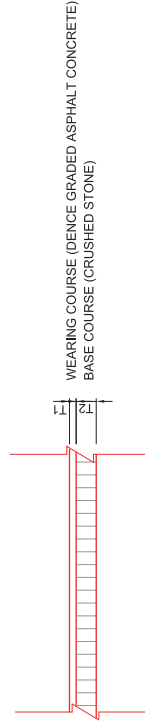
BOKHTAR SECTION
(STA.807+20 TO END POINT)



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

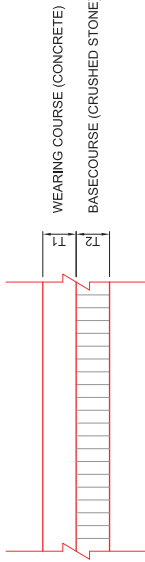
ACCESS ROAD PAVEMENT STRUCTURE BAS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE

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
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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

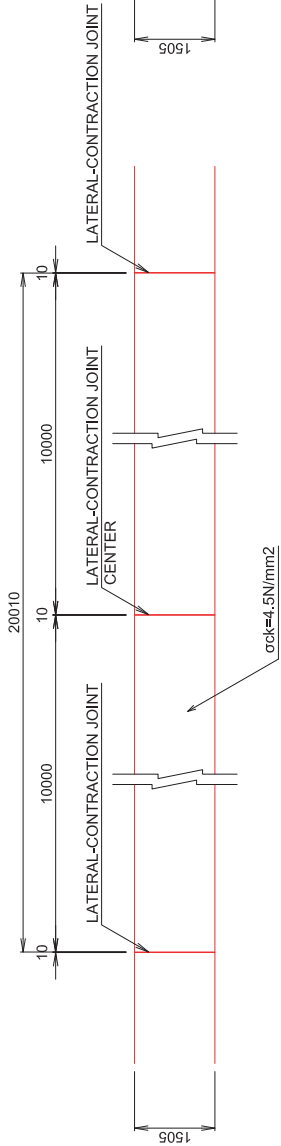
CHECKED
APPROVED
SCALE
(A1 SIZE)
1:20

DATE
DRAWING NO.
PV-01

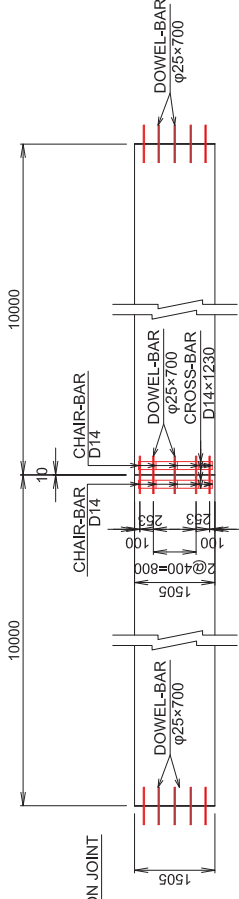
SHEET NO.
1/15

CONCRETE PAVEMENT GENERAL DRAWINGS

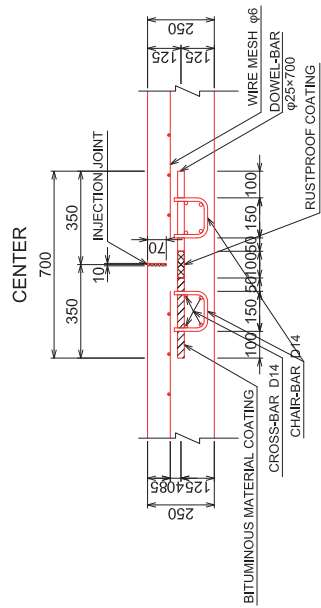
JOINT LAYOUT S=1:100



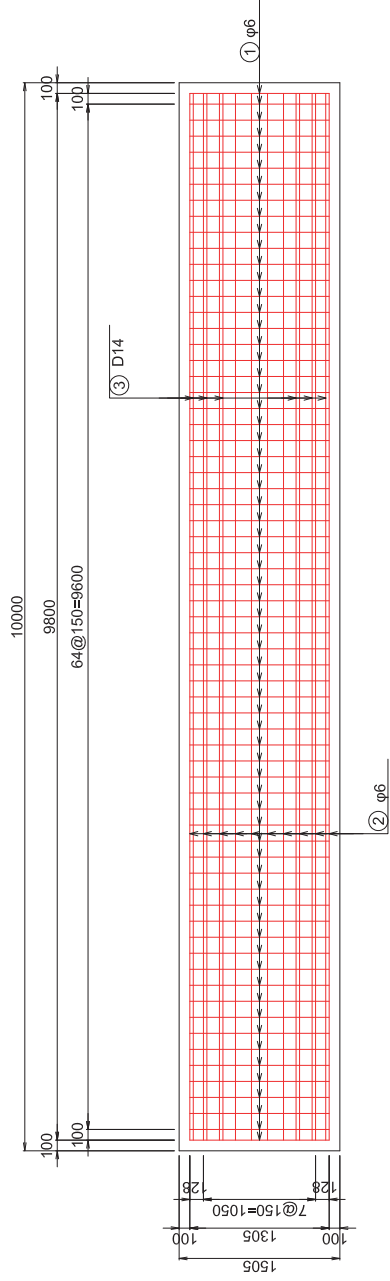
DOWEL-BAR LAYOUT S=1:100



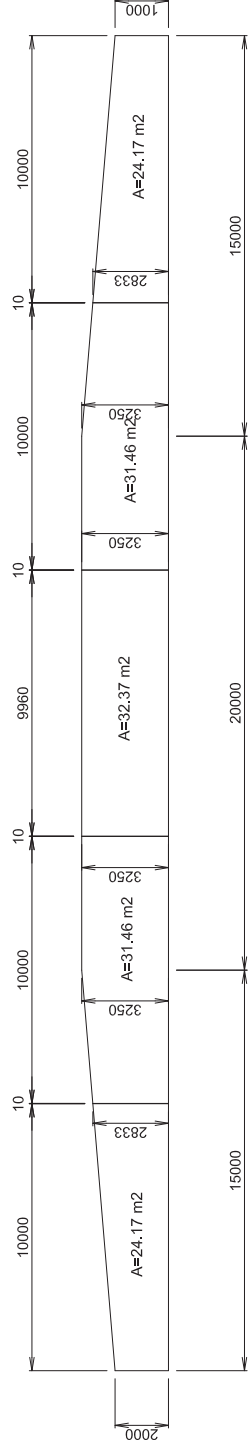
LATERAL-CONTRACTION JOINT S=1:20



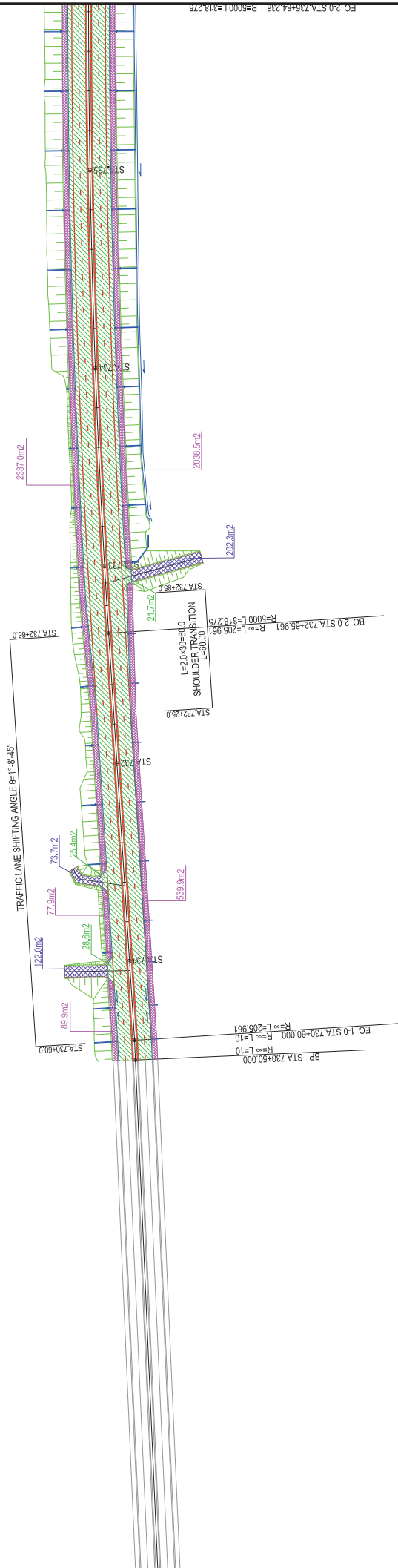
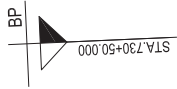
GENERAL LAYOUT OF WIRE MESH AND REINFORCING BAR S=1:50



LAYOUT S=1:200



LAYOUT PLAN OF PAVEMENT STRUCTURE(1)



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 5 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

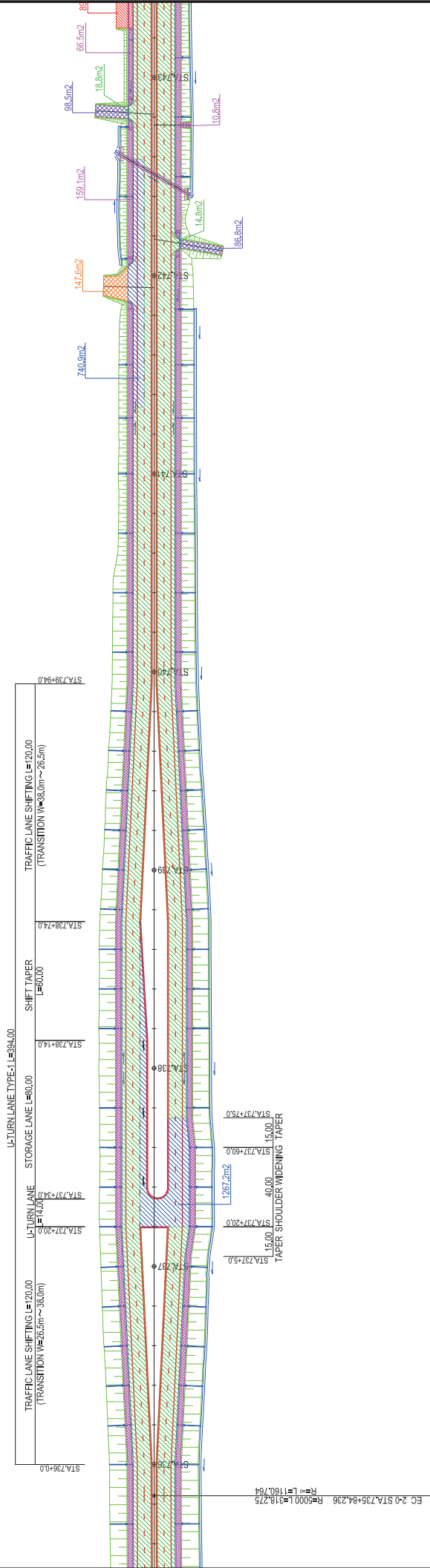
WEARING COURSE : DENSE GRADED ASPHALT CONCRETE 5 cm
 BASE COURSE : CRUSHED STONE 15 cm

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(1)			CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO. PV-03	SHEET NO. 3/16

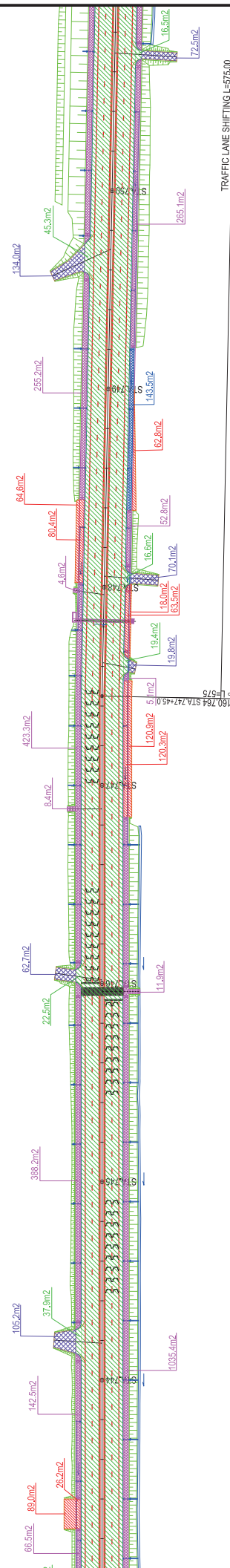
LAYOUT PLAN OF PAVEMENT STRUCTURE(2)



- 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 (5 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(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)



TRAFFIC LANE SHIFTING L=575.00
L=1131.00/2=575.0

EC-3-0 STA 747+45.000 R=∞ L=160.764 STA 747+45.0
R=∞ L=575

	MAIN ROAD PAVEMENT STRUCTURE TYPE-1	WEARING COURSE : GRADED ASPHALT CONCRETE BINDER COURSE : FINE GRADED ASPHALT CONCRETE BASE COURSE : CRUSHED STONE SUB-BASE COURSE : SANDY GRAVEL	≧ 5 cm ≧ 5 cm ≧ 25 cm ≧ 40 cm
	MAIN ROAD PAVEMENT STRUCTURE TYPE-2	WEARING COURSE : MODIFIED ASPHALT CONCRETE BINDER COURSE : FINE GRADED ASPHALT CONCRETE BASE COURSE : CRUSHED STONE SUB-BASE COURSE : SANDY GRAVEL	≧ 5 cm ≧ 5 cm ≧ 25 cm ≧ 40 cm
	MAIN ROAD PAVEMENT STRUCTURE TYPE-3	WEARING COURSE : CONCRETE BASE COURSE : CRUSHED STONE	≧ 25 cm ≧ 25 cm

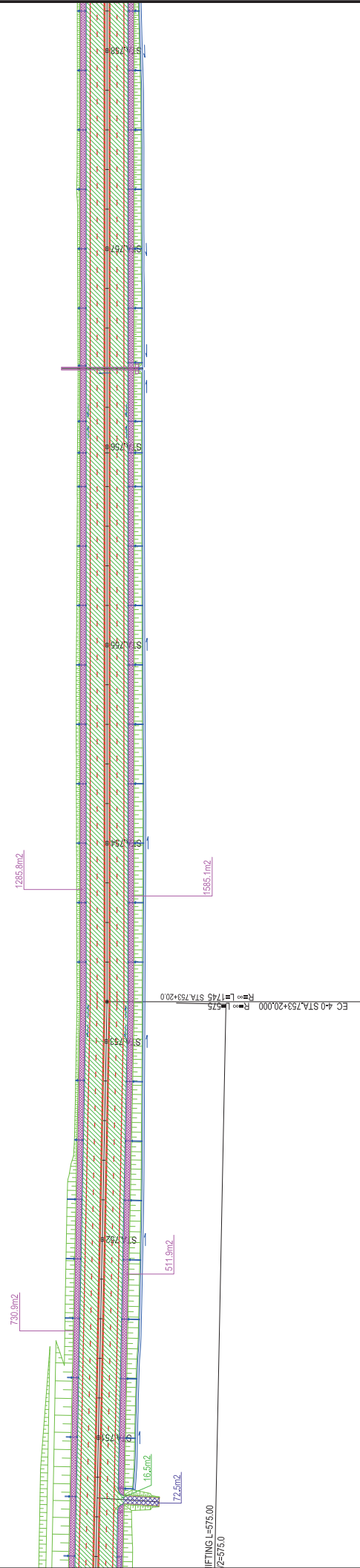
	SIDEWALK PAVEMENT STRUCTURE	WEARING COURSE : FINE GRADED ASPHALT CONCRETE BASE COURSE : CRUSHED STONE	≧ 4 cm ≧ 12 cm
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	ACCESS ROAD PAVEMENT STRUCTURE TYPE-1	WEARING COURSE : DENSE GRADED ASPHALT CONCRETE BASE COURSE : CRUSHED STONE	≧ 25 cm ≧ 15 cm
	ACCESS ROAD PAVEMENT STRUCTURE TYPE-2	WEARING COURSE : CONCRETE BASE COURSE : CRUSHED STONE	≧ 25 cm ≧ 25 cm

	BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE TYPE-1	WEARING COURSE : DENSE GRADED ASPHALT CONCRETE BASE COURSE : CRUSHED STONE	≧ 5 cm ≧ 15 cm
	BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE TYPE-2	WEARING COURSE : CONCRETE BASE COURSE : CRUSHED STONE	≧ 25 cm ≧ 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)			CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO. PV-05	SHEET NO. 5/15
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LAYOUT PLAN OF PAVEMENT STRUCTURE(4)



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 15 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
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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(4)

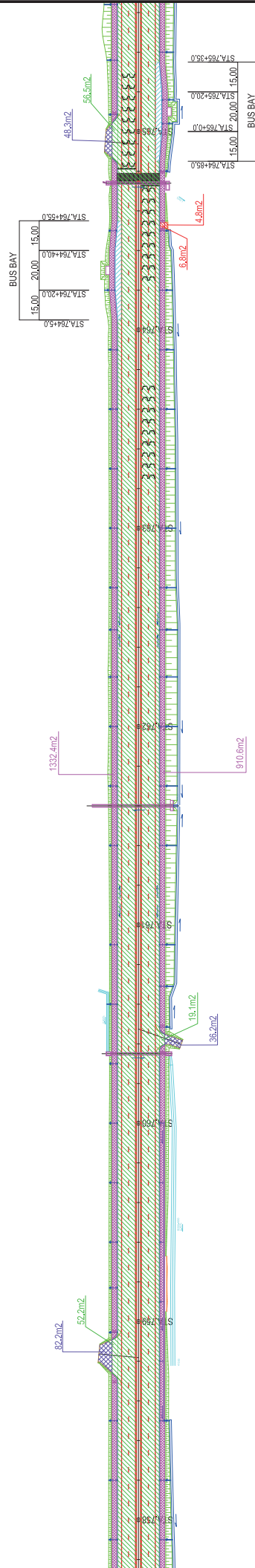
CHECKED
APPROVED
SCALE (A1 SIZE)
1:1000

DATE

DRAWING NO.
PV-06

SHEET NO.
6/15

LAYOUT PLAN OF PAVEMENT STRUCTURE(5)



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

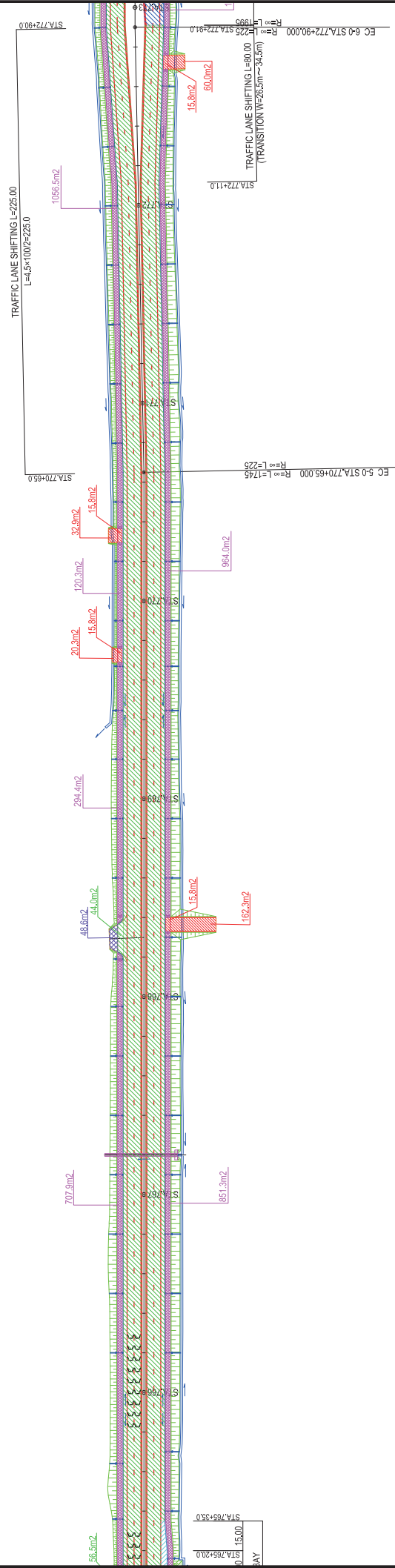
JAPAN INTERNATIONAL COOPERATION AGENCY
 CTI ENGINEERING INTERNATIONAL CO., LTD.

TITLE:
LAYOUT PLAN OF PAVEMENT STRUCTURE(5)

CHECKED
 APPROVED
 SCALE (A1 SIZE)
 1:1000

DATE
 DRAWING NO.
 PV-07
 SHEET NO.
 7/15

LAYOUT PLAN OF PAVEMENT STRUCTURE(6)



- 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
- 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
- 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

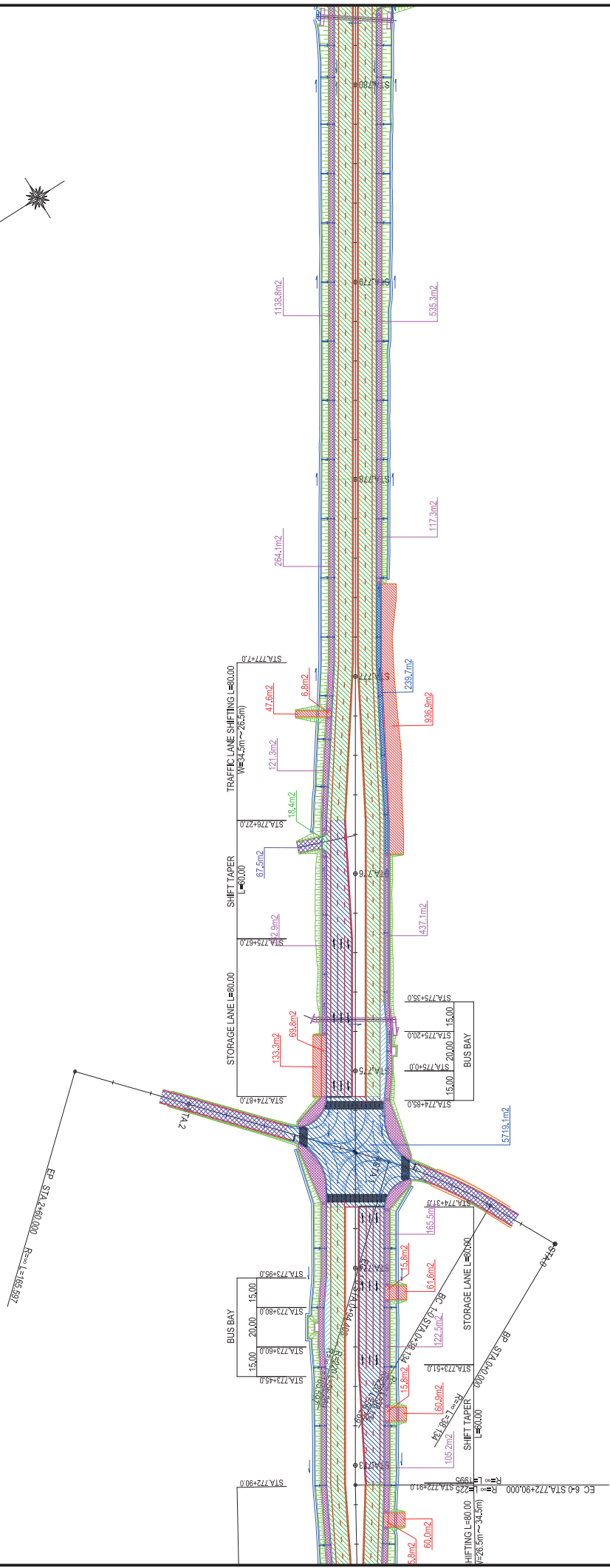
- TYPE-1
 WEARING COURSE : DENSE GRADED ASPHALT CONCRETE | 25 cm
 BASE COURSE : CRUSHED STONE | 15 cm
- TYPE-2
 WEARING COURSE : CONCRETE | 25 cm
 BASE COURSE : CRUSHED STONE | 25 cm

BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE

- TYPE-1
 WEARING COURSE : DENSE GRADED ASPHALT CONCRETE | 5 cm
 BASE COURSE : CRUSHED STONE | 15 cm
- 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(6)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO. PV-15	SHEET NO. 8/15
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LAYOUT PLAN OF PAVEMENT STRUCTURE(7)



CHECKED	APPROVED	SCALE (A1 SIZE)	DATE	DRAWING NO.	SHEET NO.
		1:1000		PV-9	9/15

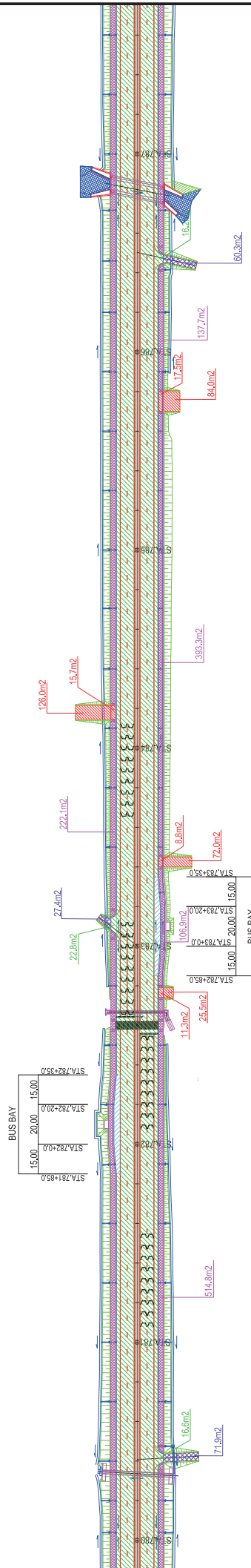
TITLE: LAYOUT PLAN OF PAVEMENT STRUCTURE(7)

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

LAYOUT PLAN OF PAVEMENT STRUCTURE(8)



MAIN ROAD PAVEMENT STRUCTURE
TYPE-1

WEARING COURSE : GRADED ASPHALT CONCRETE
BINDER COURSE : FINE GRADED ASPHALT CONCRETE
BASE COURSE : CRUSHED STONE
SUB-BASE COURSE : SANDY GRAVEL

15 cm
15 cm
25 cm
40 cm

MAIN ROAD PAVEMENT STRUCTURE
TYPE-2

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

15 cm
15 cm
25 cm
40 cm

MAIN ROAD PAVEMENT STRUCTURE
TYPE-3

WEARING COURSE : CONCRETE
BASE COURSE : CRUSHED STONE

25 cm
25 cm

SIDEWALK PAVEMENT STRUCTURE

WEARING COURSE : FINE GRADED ASPHALT CONCRETE
BASE COURSE : CRUSHED STONE

4 cm
12 cm

ACCESS ROAD PAVEMENT STRUCTURE
TYPE-1

WEARING COURSE : DENSE GRADED ASPHALT CONCRETE
BASE COURSE : CRUSHED STONE

25 cm
15 cm

ACCESS ROAD PAVEMENT STRUCTURE
TYPE-2

WEARING COURSE : CONCRETE
BASE COURSE : CRUSHED STONE

25 cm
25 cm

BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE
TYPE-1

WEARING COURSE : DENSE GRADED ASPHALT CONCRETE
BASE COURSE : CRUSHED STONE

5 cm
15 cm

BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE
TYPE-2

WEARING COURSE : CONCRETE
BASE COURSE : CRUSHED STONE

25 cm
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(8)

CHECKED

DATE

SCALE
(A1 SIZE)

1:1000

APPROVED

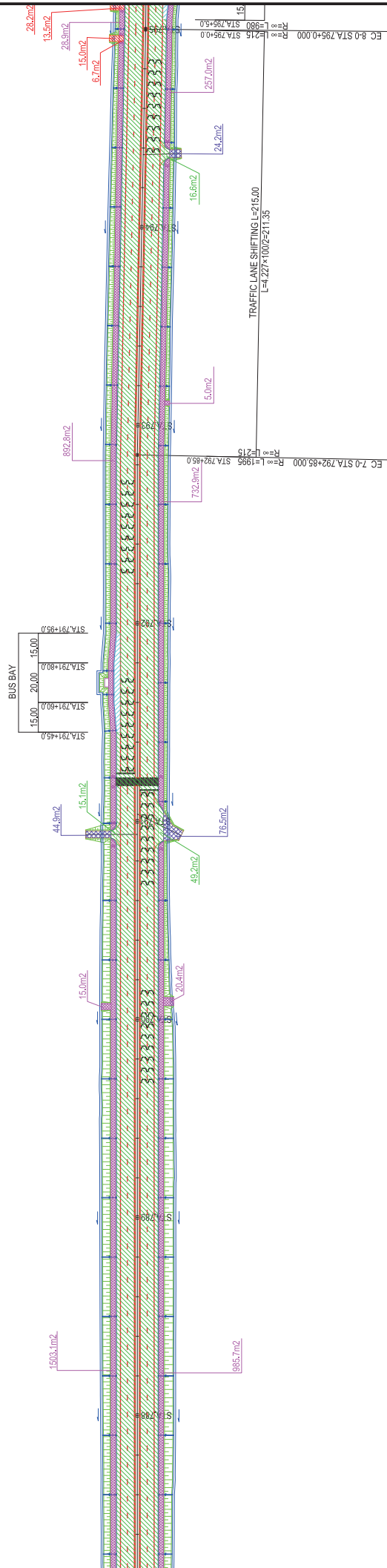
DRAWING NO.

PV-10

SHEET NO.

10/15

LAYOUT PLAN OF PAVEMENT STRUCTURE(9)



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

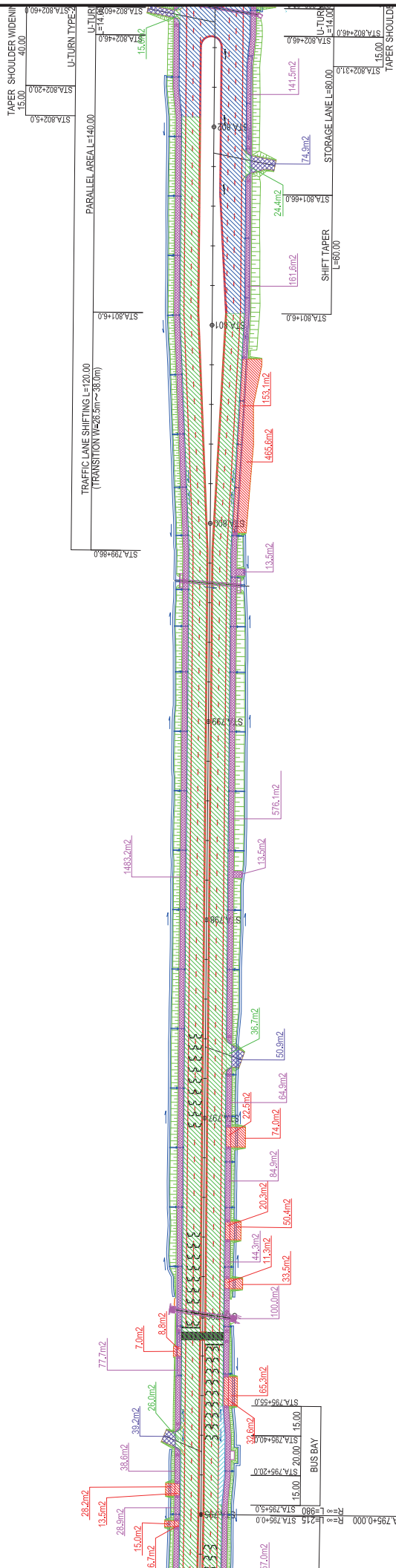
TYPE-1
WEARING COURSE : DENSE GRADED ASPHALT CONCRETE | 5 cm
BASE COURSE : CRUSHED STONE | 15 cm

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(9)			CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO. PV-11	SHEET NO. 11/15
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LAYOUT PLAN OF PAVEMENT STRUCTURE(10)



CHECKED	APPROVED	SCALE (A1 SIZE)	DATE	DRAWING NO.	SHEET NO.
		1:1000		PV-12	12/15

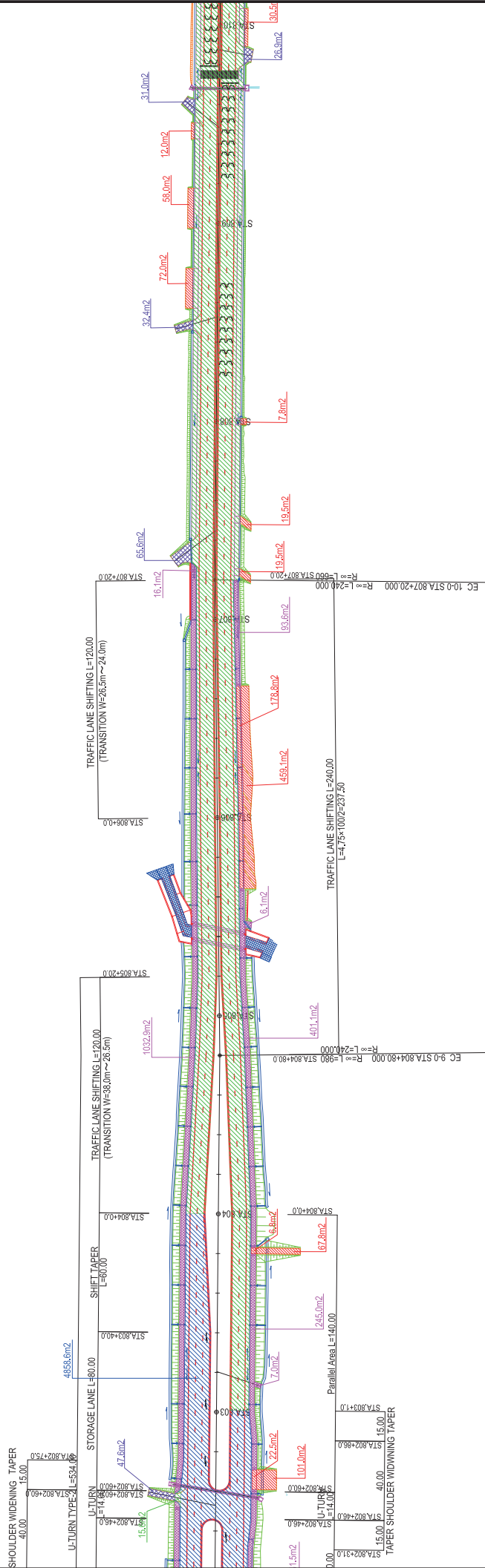
TITLE: LAYOUT PLAN OF PAVEMENT STRUCTURE(10)

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

LAYOUT PLAN OF PAVEMENT STRUCTURE(11)



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

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

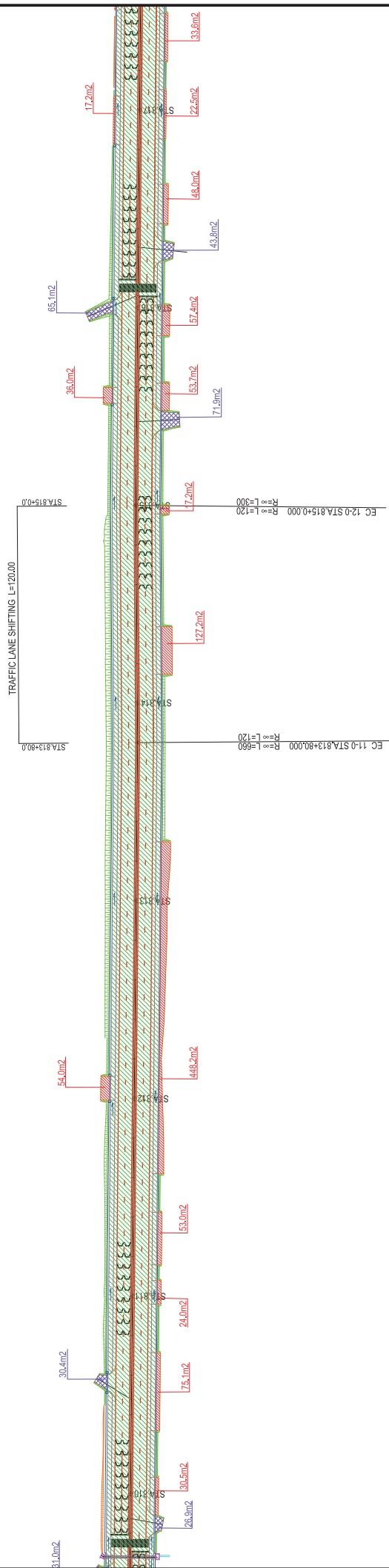
- WEARING COURSE : DENSE GRADED ASPHALT CONCRETE | 5 cm
- BASE COURSE : CRUSHED STONE | 15 cm

BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE
TYPE-2

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

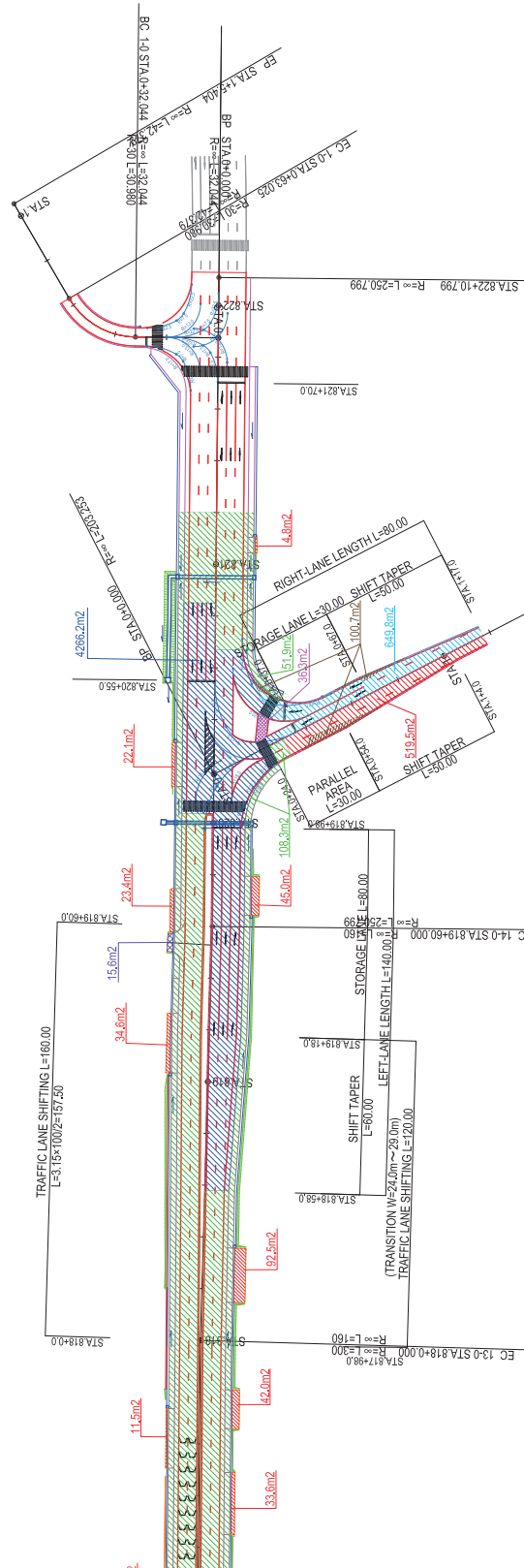
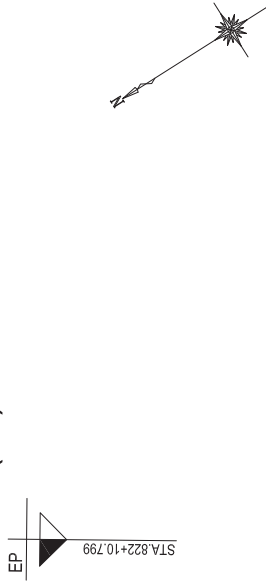
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN			JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.			TITLE: LAYOUT PLAN OF PAVEMENT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

LAYOUT PLAN OF PAVEMENT STRUCTURE(12)



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
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LAYOUT PLAN OF PAVEMENT STRUCTURE(13)

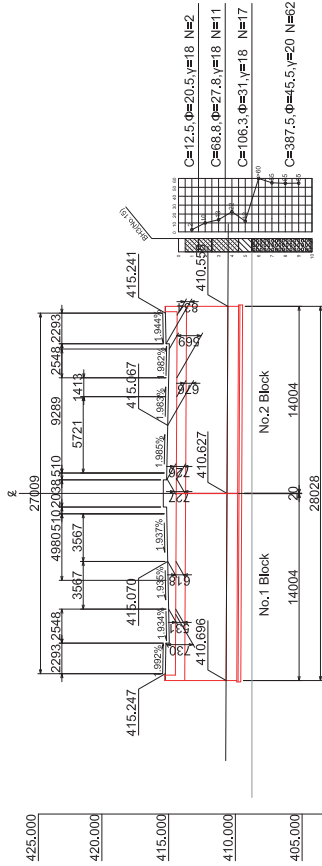


- | | | |
|--|---|--------------------------------|
| MAIN ROAD PAVEMENT STRUCTURE
TYPE-1 | WEARING COURSE : GRADED ASPHALT CONCRETE
BINDER COURSE : FINE GRADED ASPHALT CONCRETE
BASE COURSE : CRUSHED STONE
SUB-BASE COURSE : SANDY GRAVEL | 5 cm
5 cm
25 cm
10 cm |
| MAIN ROAD PAVEMENT STRUCTURE
TYPE-2 | WEARING COURSE : MODIFIED ASPHALT CONCRETE
BINDER COURSE : FINE GRADED ASPHALT CONCRETE
BASE COURSE : CRUSHED STONE
SUB-BASE COURSE : SANDY GRAVEL | 5 cm
5 cm
25 cm
40 cm |
| ACCESS ROAD PAVEMENT STRUCTURE
TYPE-1 | WEARING COURSE : DENSE GRADED ASPHALT CONCRETE
BASE COURSE : CRUSHED STONE | 5 cm
5 cm
25 cm |
| ACCESS ROAD PAVEMENT STRUCTURE
TYPE-2 | WEARING COURSE : CONCRETE
BASE COURSE : CRUSHED STONE | 25 cm
25 cm |
| BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE
TYPE-1 | WEARING COURSE : DENSE GRADED ASPHALT CONCRETE
BASE COURSE : CRUSHED STONE | 5 cm
15 cm |
| BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE
TYPE-2 | WEARING COURSE : CONCRETE
BASE COURSE : CRUSHED STONE | 25 cm
25 cm |
| TRAFFIC LANE SHIFTING | WEARING COURSE : FINE GRADED ASPHALT CONCRETE
BASE COURSE : CRUSHED STONE | 4 cm
12 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 CITI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: LAYOUT PLAN OF PAVEMENT STRUCTURE(13)			CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO.	SHEET NO.

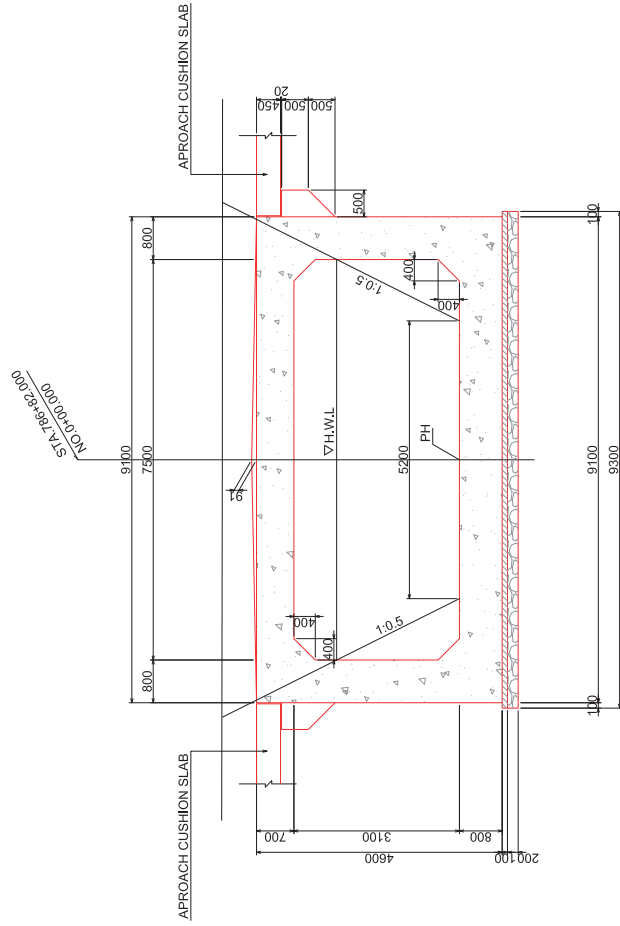
NO.15 BOX CULVERT GENERAL DRAWINGS (1)

SIDE VIEW S=1:200

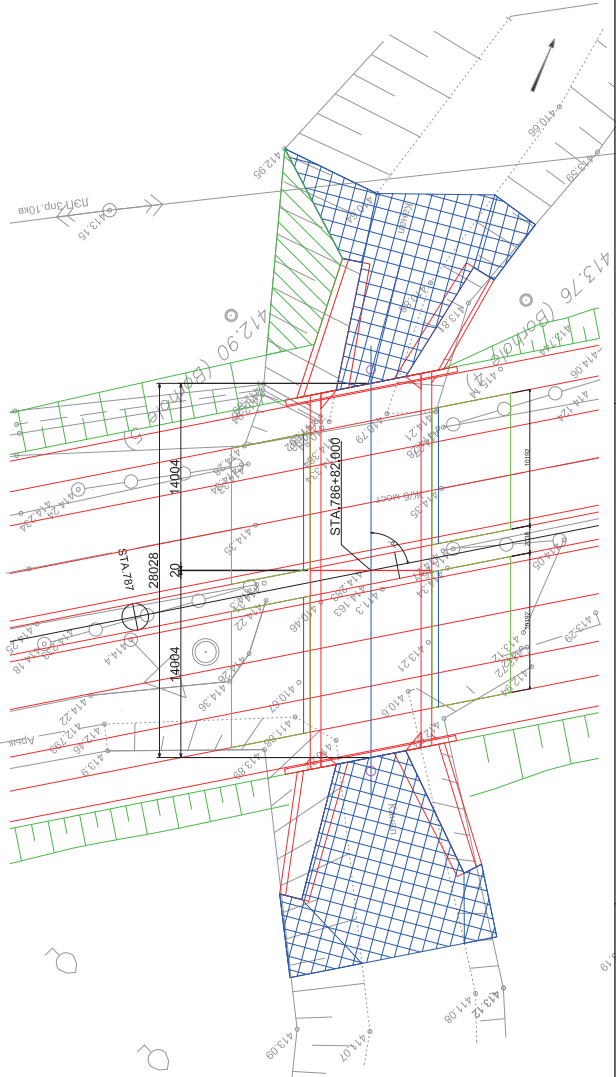


GRADIENT	PROPOSED HEIGHT	DISTANCE	STATION
410.725	6.000	5.000	1+00.014
410.528	6.166	14.014	EP
410.528	6.166	14.014	NO.0
410.528	6.166	14.014	FP

CROSS SECTION S=1:50



PLAN S=1:200

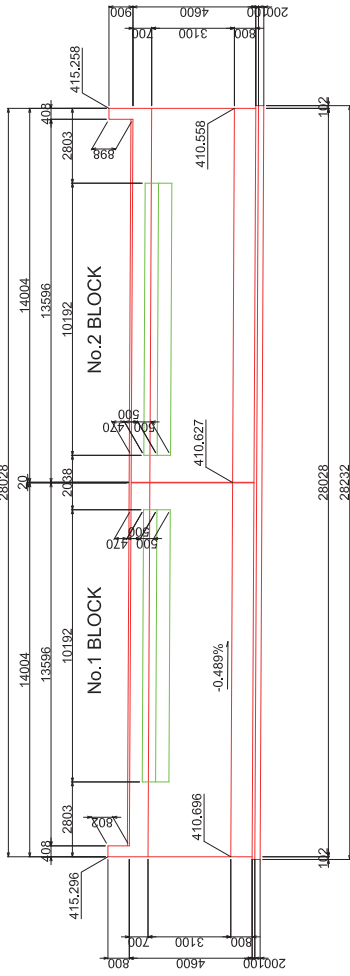


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-ROKHTAR SECTION OF DUSHANBE-ROKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.15 BOX CULVERT GENERAL DRAWINGS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

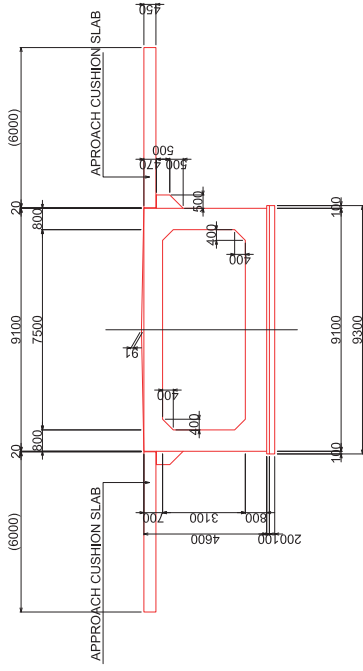
NO.15 BOX CULVERT GENERAL DRAWINGS (2)

S=1:100

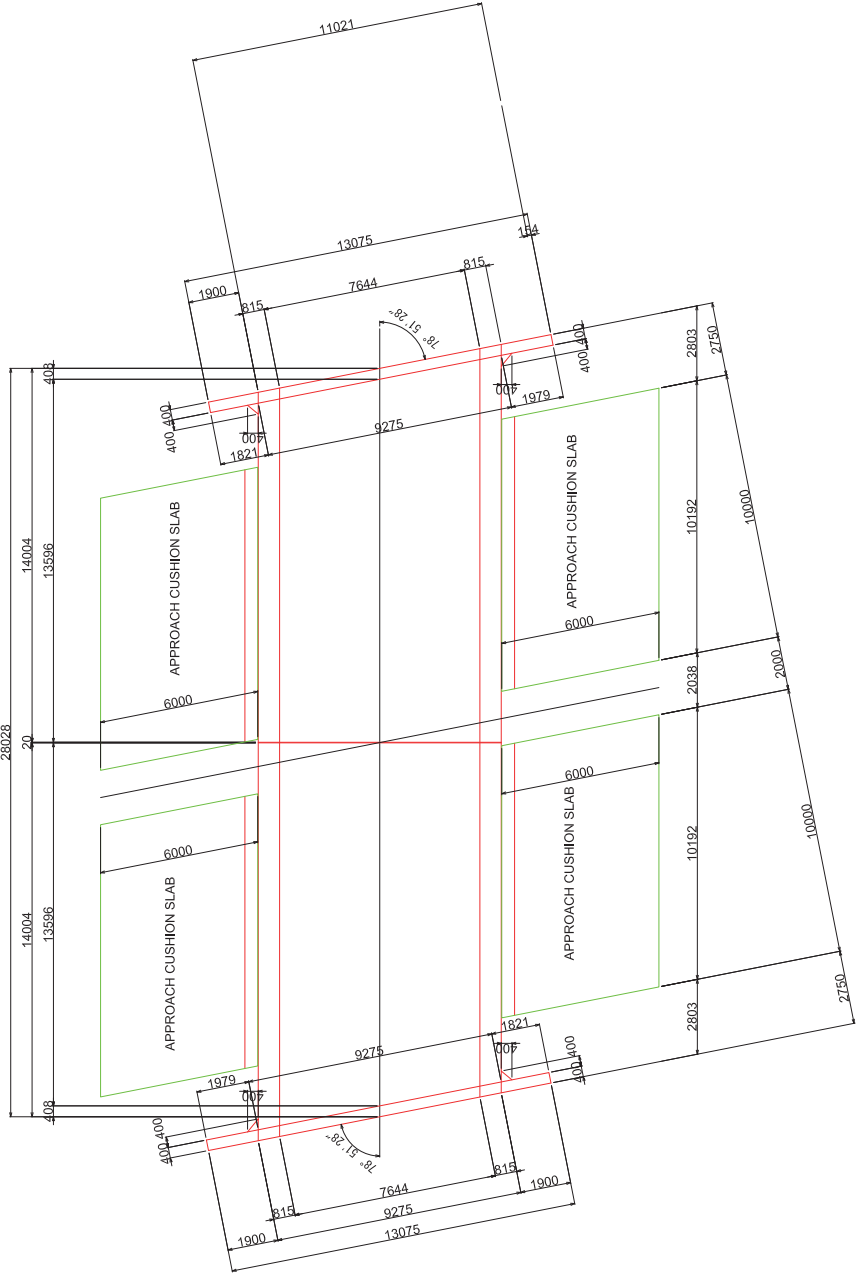
SIDE VIEW



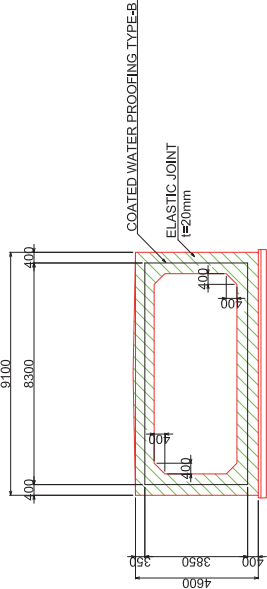
CROSS SECTION



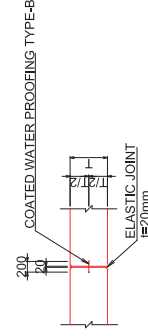
PLAN



JOINT CROSS SECTION



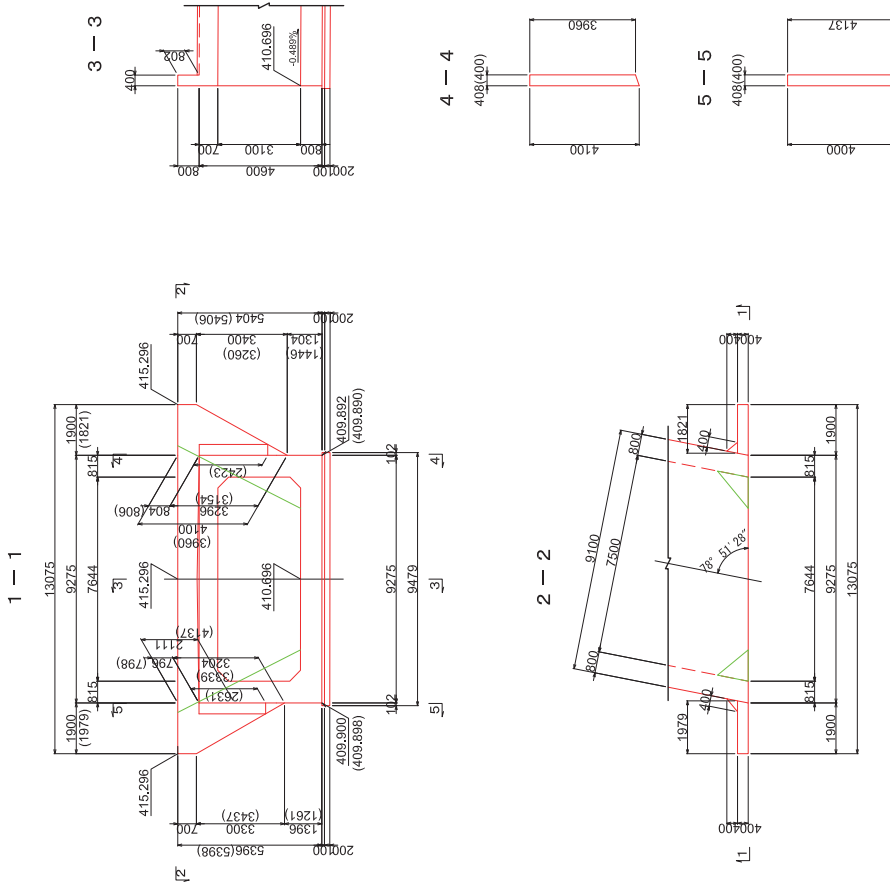
**DETAILS OF ELASTIC JOINT
AND WATER PROOFING S=1:50**



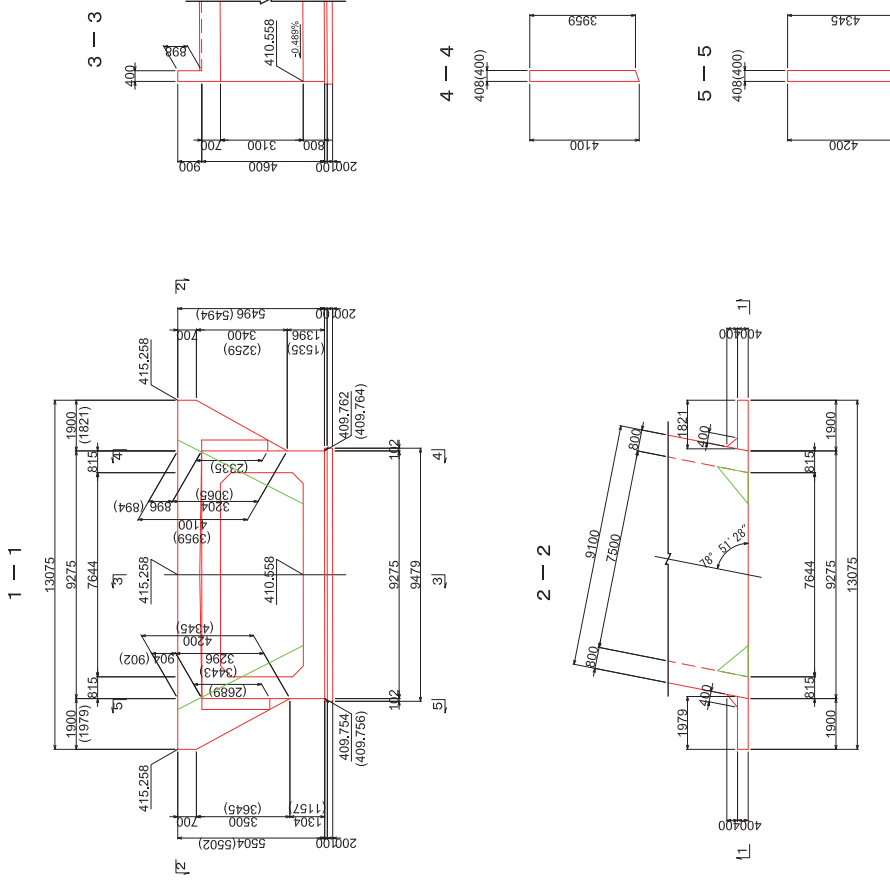
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.15 BOX CULVERT GENERAL DRAWINGS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

WING WALL ON FRONT (UPSTREAM) SIDE



WING WALL ON BACK (DOWNSTREAM) SIDE

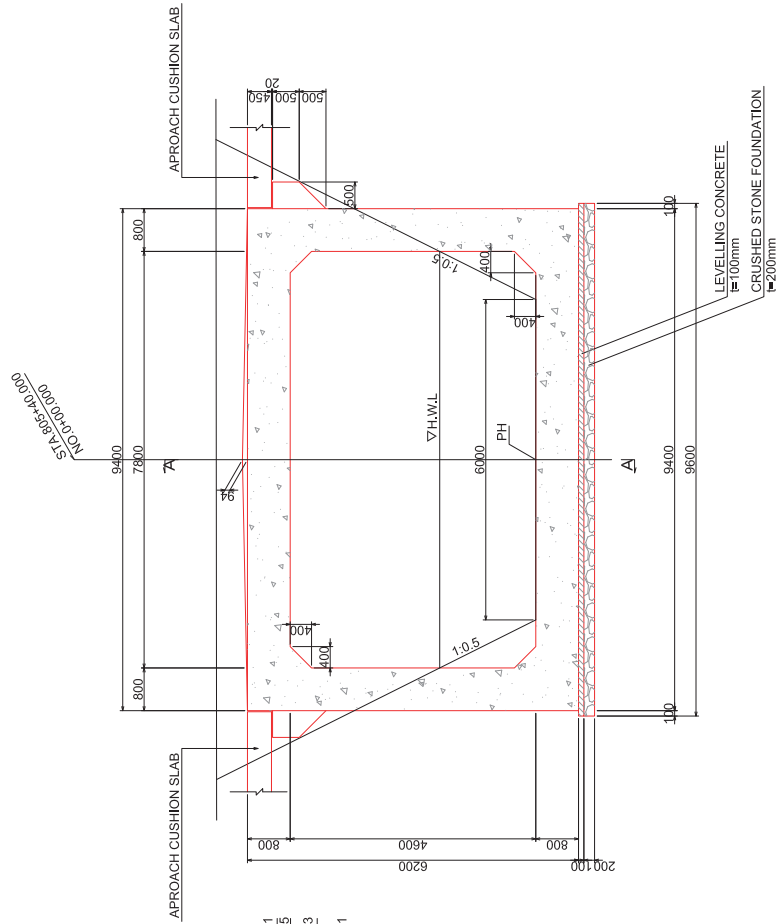


NOTE: THE FIGURES IN PARENTHESES (). SHOW DIMENSIONS ON BACKSIDE OF THE WING WALL.

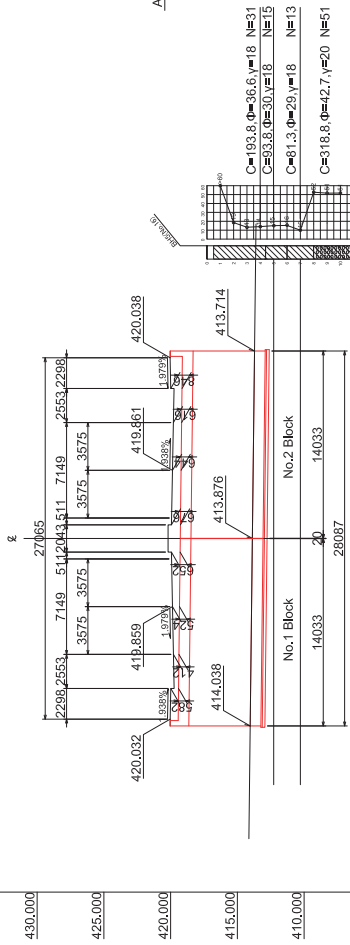
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.15 BOX CULVERT GENERAL DRAWINGS (3)	CHECKED	APPROVED	SCALE (AT SIZE) 1:100	DATE	DRAWING NO. BC1-03	SHEET NO. 3/3
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NO.16 BOX CULVERT GENERAL DRAWINGS (1)

CROSS SECTION S=1:50

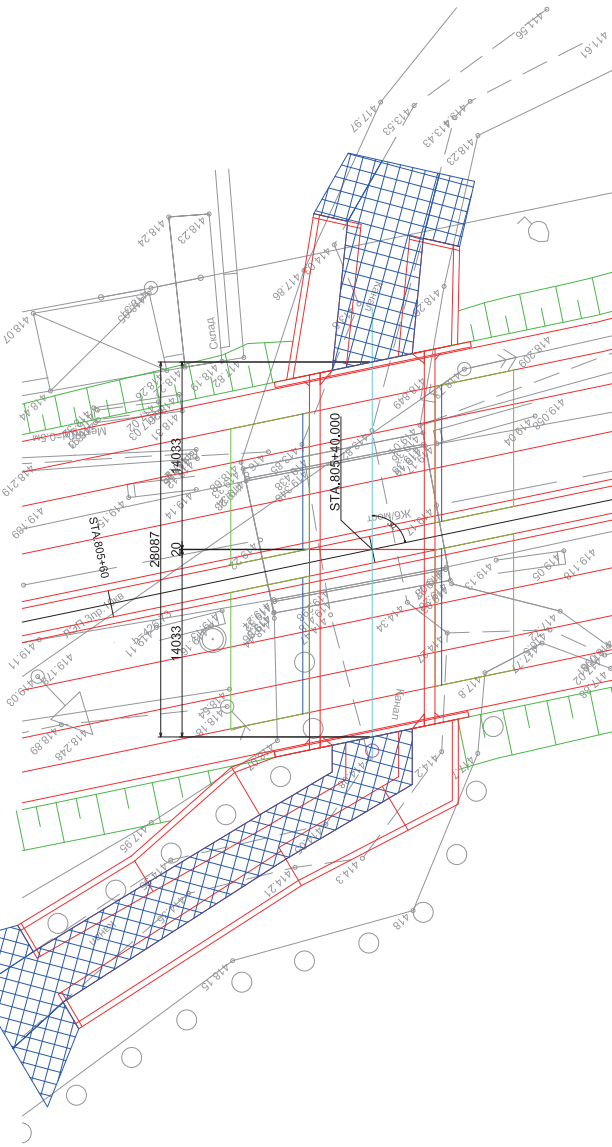


SIDE VIEW S=1:200



Station	Distance	Proposed Height	Gradient
1+02.487	8.444	414.135	414.136
BP	14.043	414.038	
	413.876		
NO.0	0.000	413.876	
EP	14.043	413.714	413.604
1+03.553	9.510	413.604	

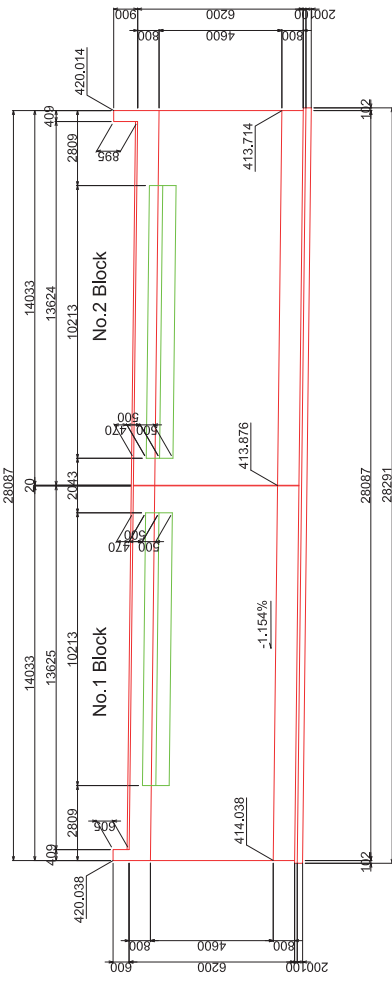
PLAN S=1:200



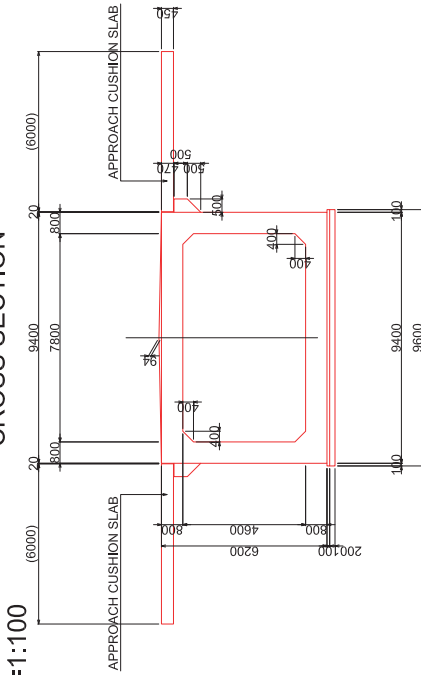
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-ROKHOTAR SECTION OF DUSHANBE-ROKHOTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO. 16 BOX CULVERT GENERAL 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)

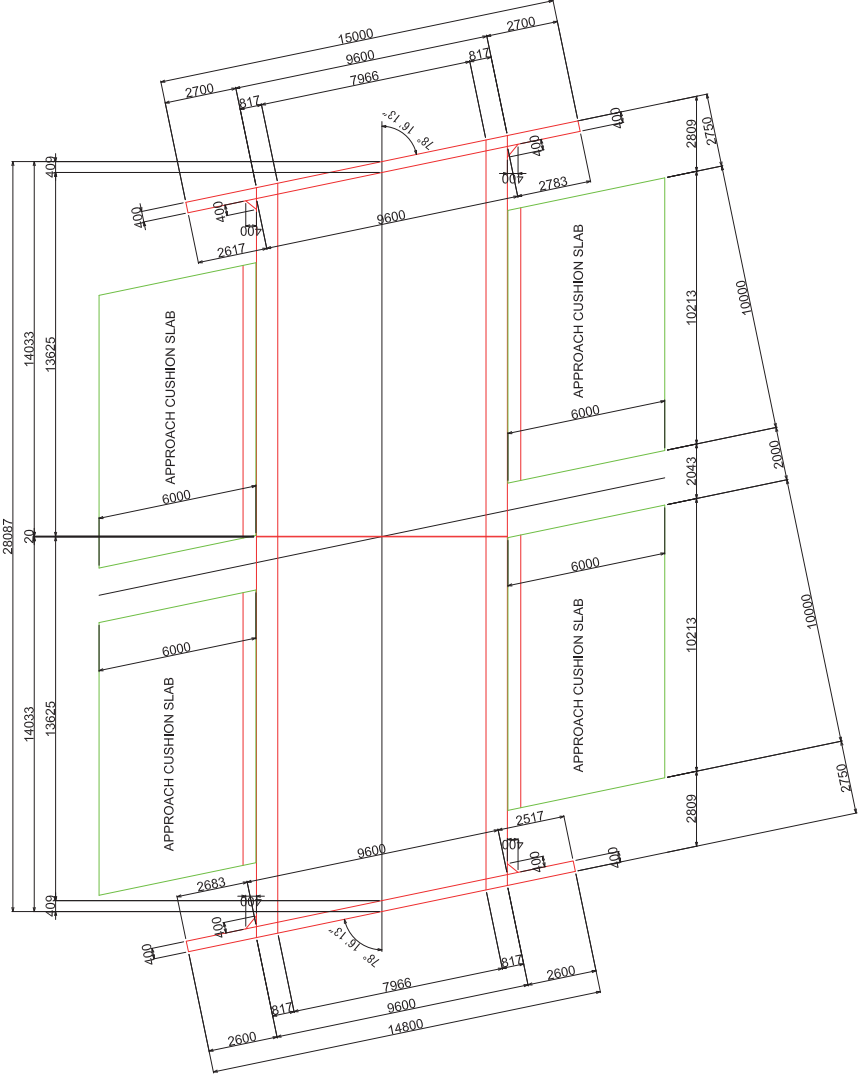
SIDE VIEW



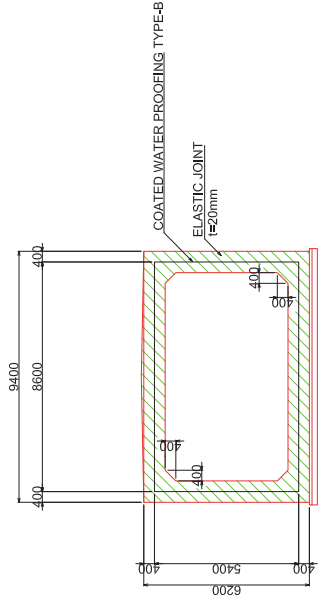
CROSS SECTION



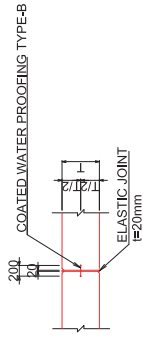
PLAN



JOINT CROSS SECTION



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

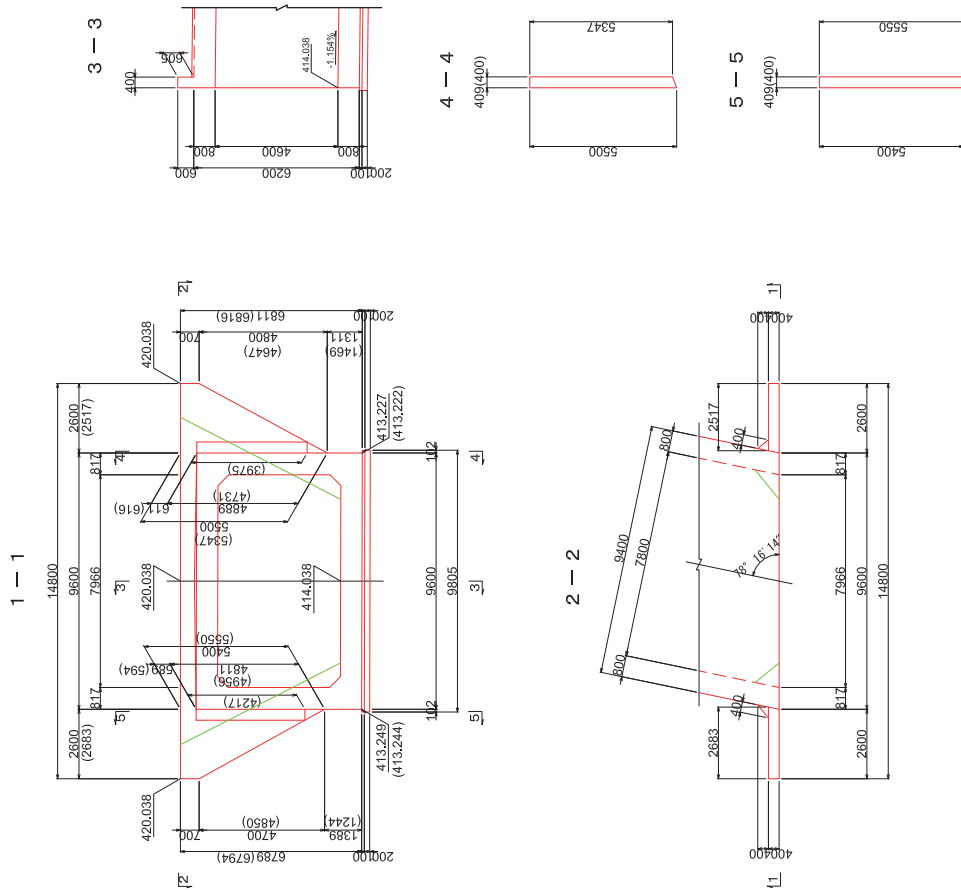


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.16 BOX CULVERT GENERAL DRAWINGS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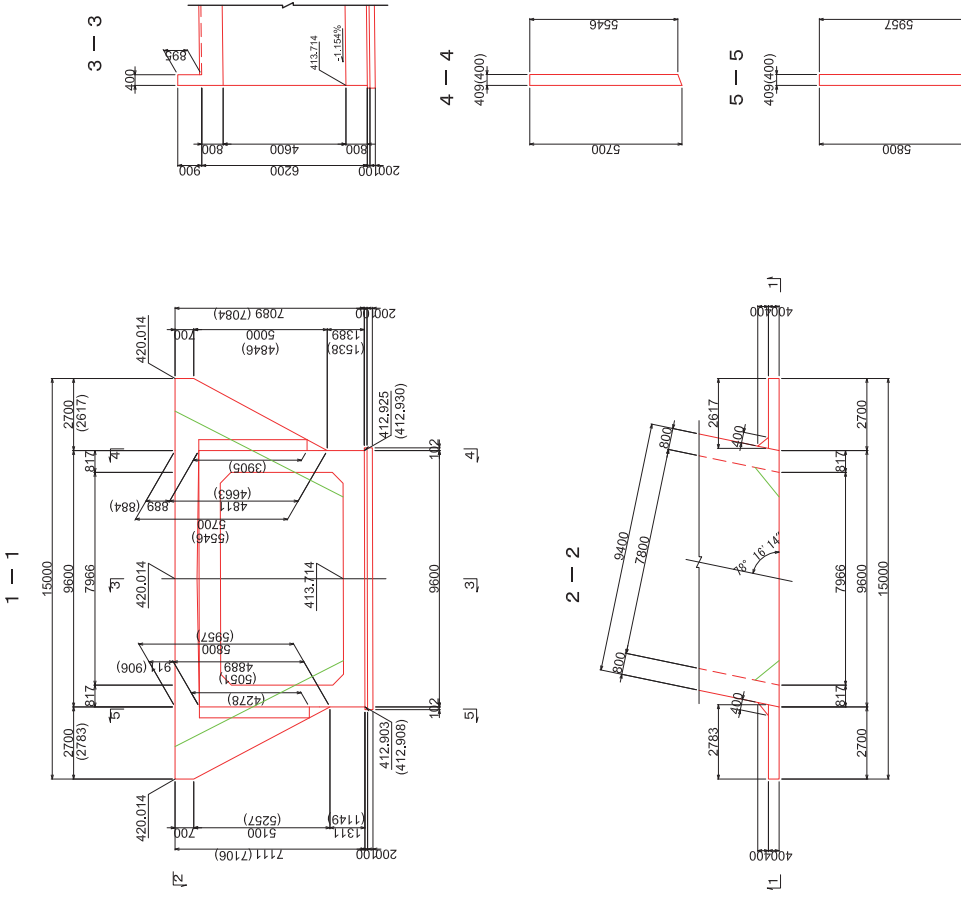
NO.16 BOX CULVERT GENERAL DRAWINGS (3)

S=1:100

WING WALL ON FRONT (UPSTREAM) SIDE



WING WALL ON BACK (DOWNSTREAM) SIDE



NOTE: THE FIGURES IN PARENTHESSES, (), 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)**

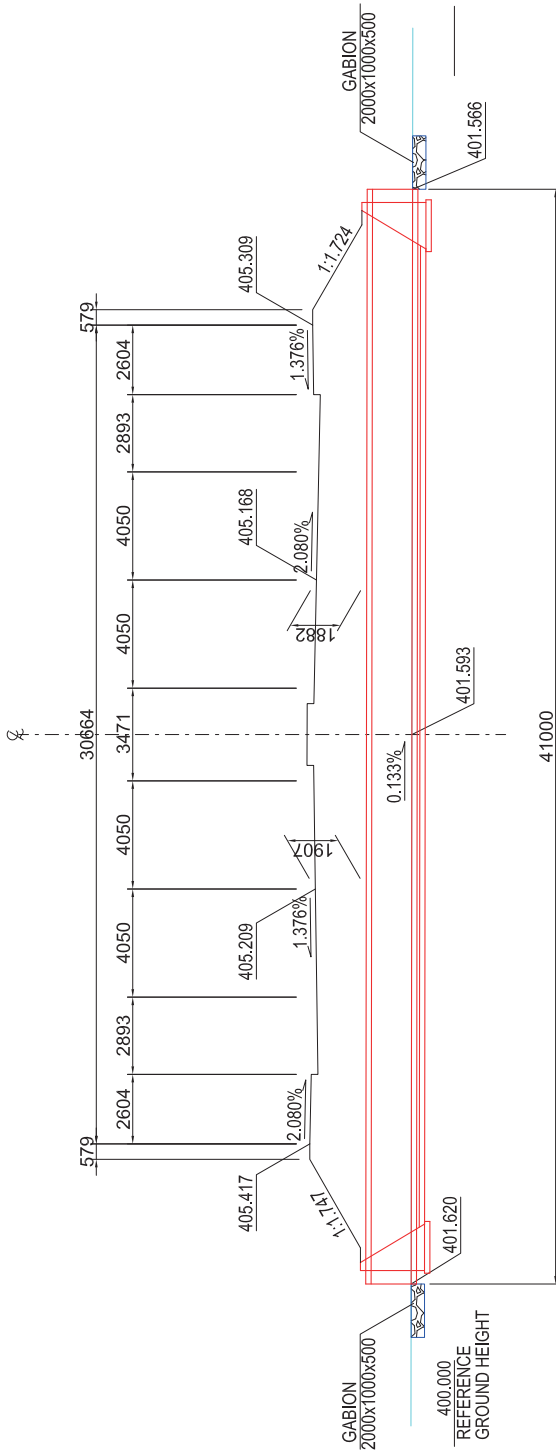
CHECKED: _____
APPROVED: _____
SCALE (AT SIZE): 1:100

DATE: _____
DRAWING NO.: BC2-03

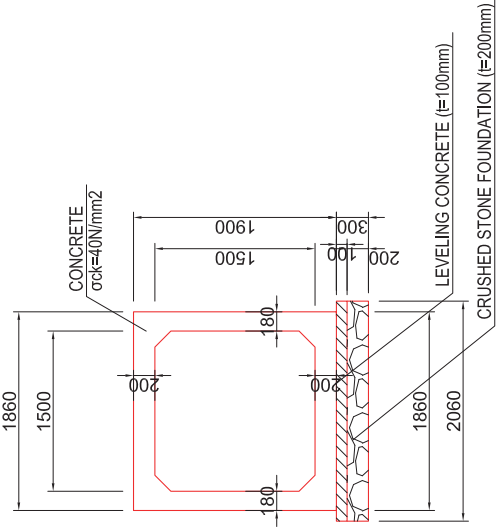
SHEET NO.: 3/3

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

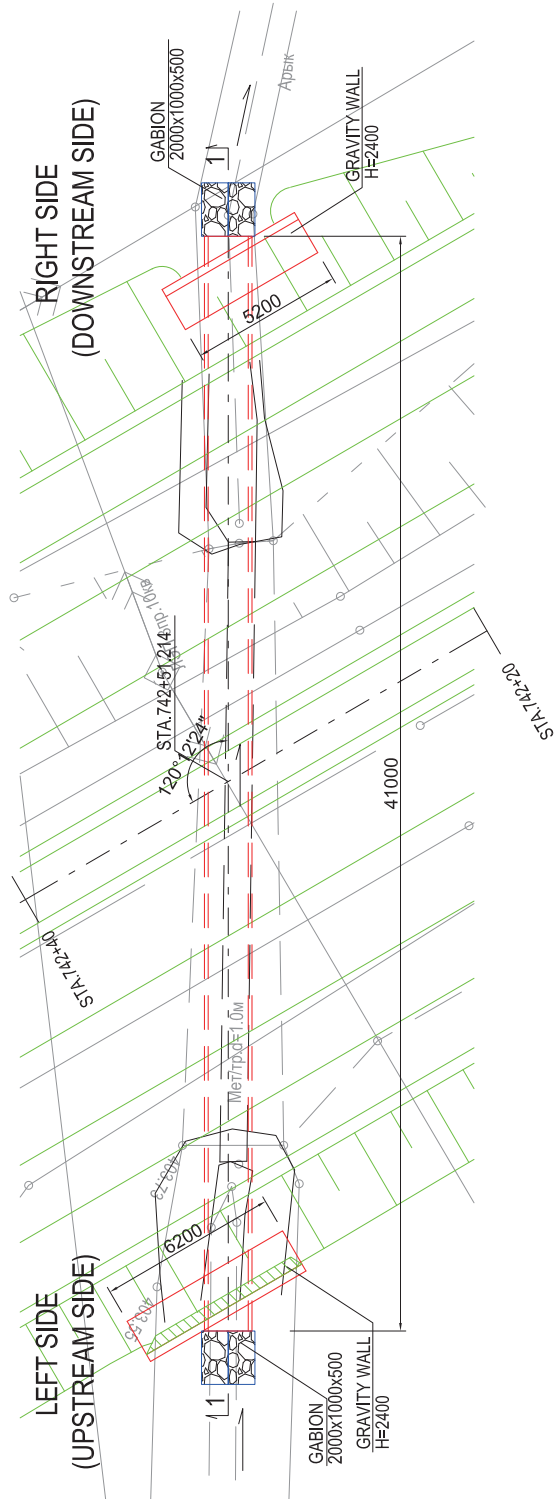
1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



PLAN S=1:100

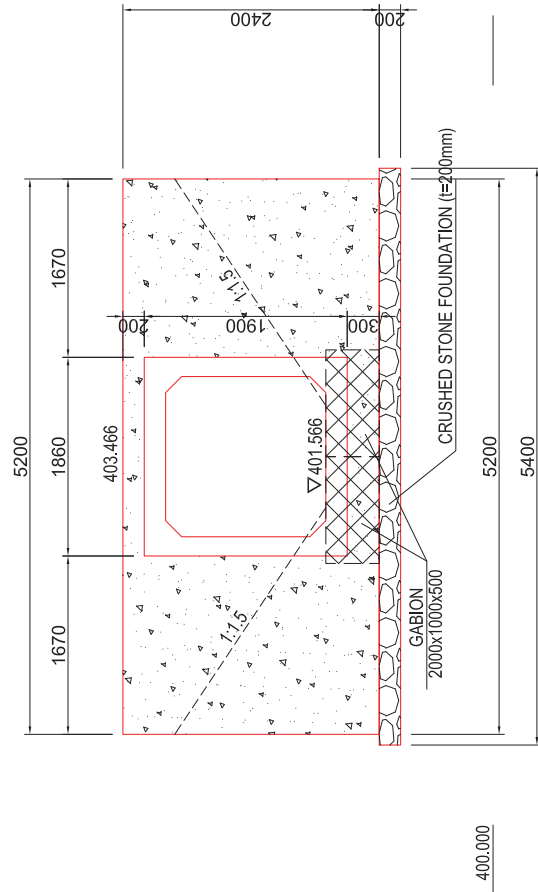


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.1 CROSS DRAINAGE BOX CULVERT 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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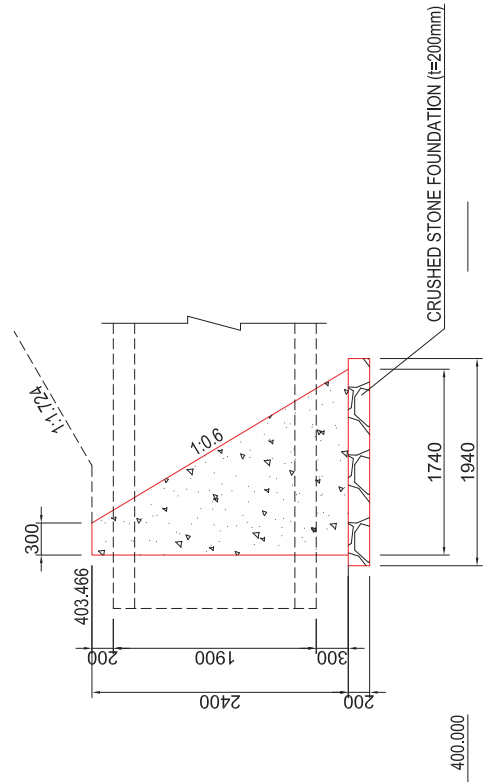
NO.1 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2)

S=1:25

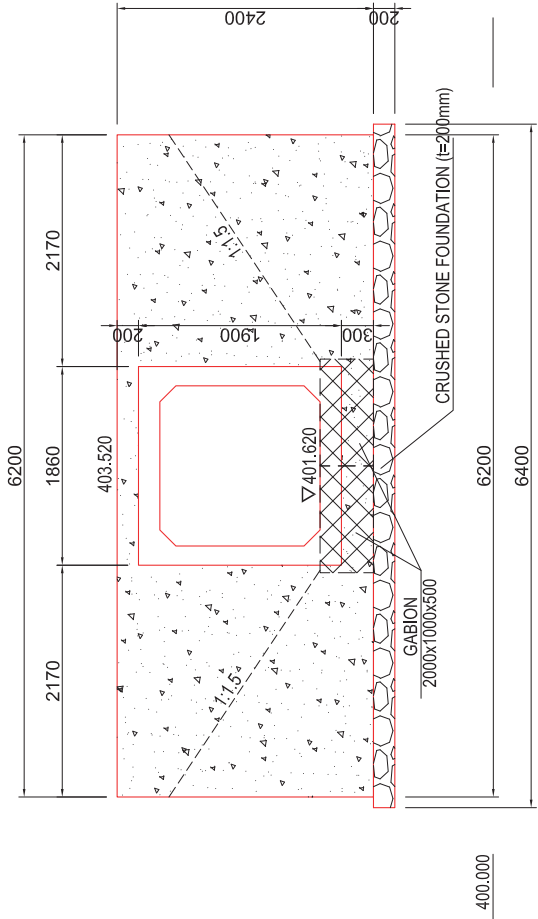
RIGHT SIDE
(DOWNSTREAM SIDE)
FRONT VIEW



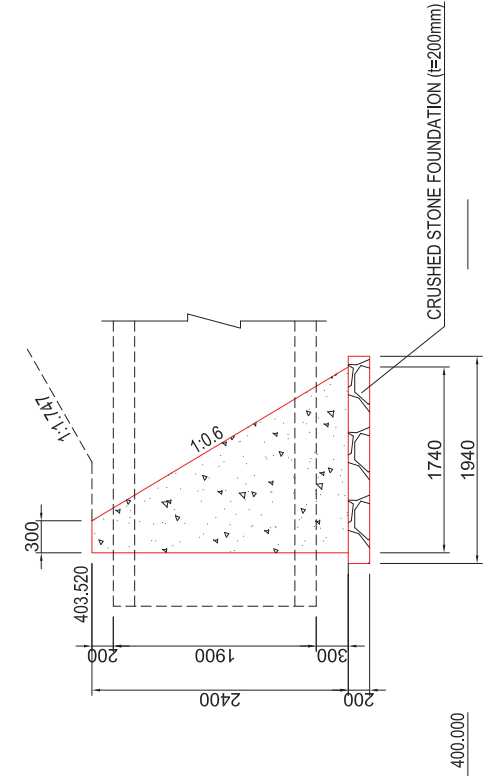
CROSS SECTION



LEFT SIDE
(UPSTREAM SIDE)
FRONT VIEW



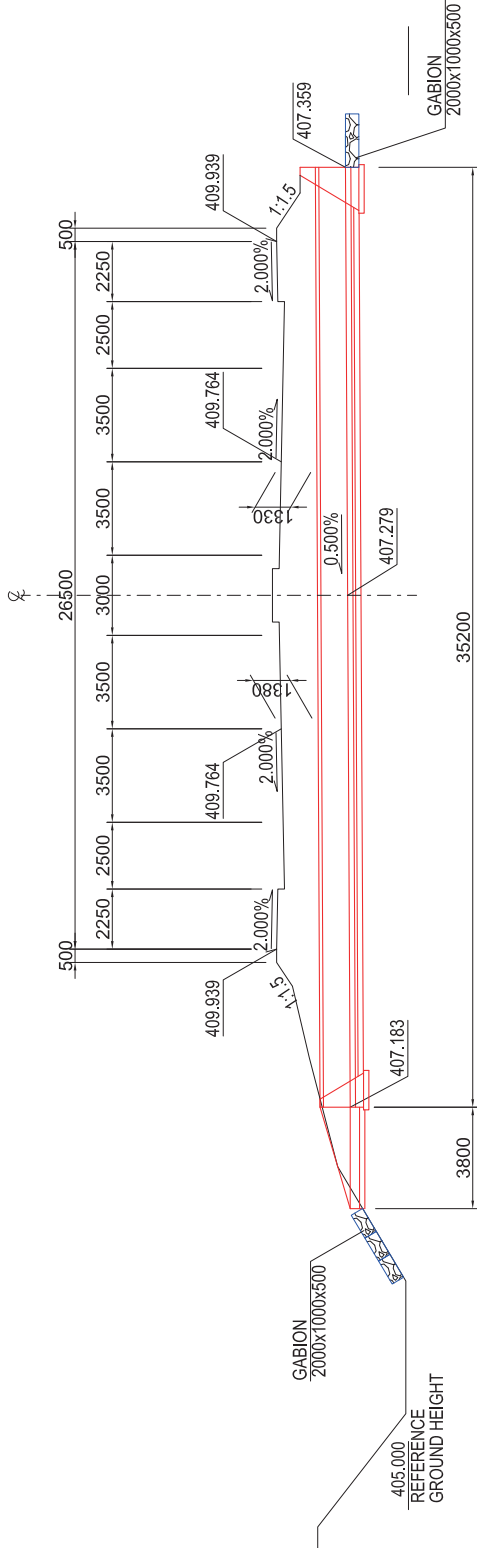
CROSS SECTION



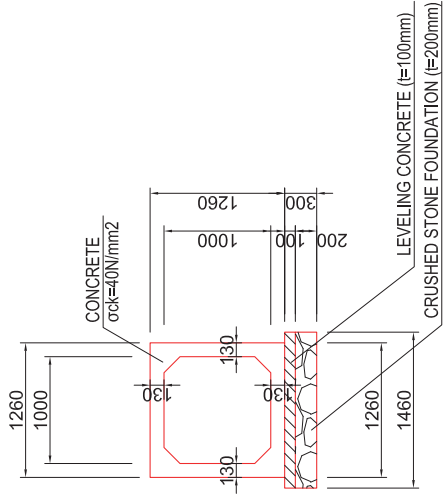
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.1 CROSS DRAINAGE BOX CULVERT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

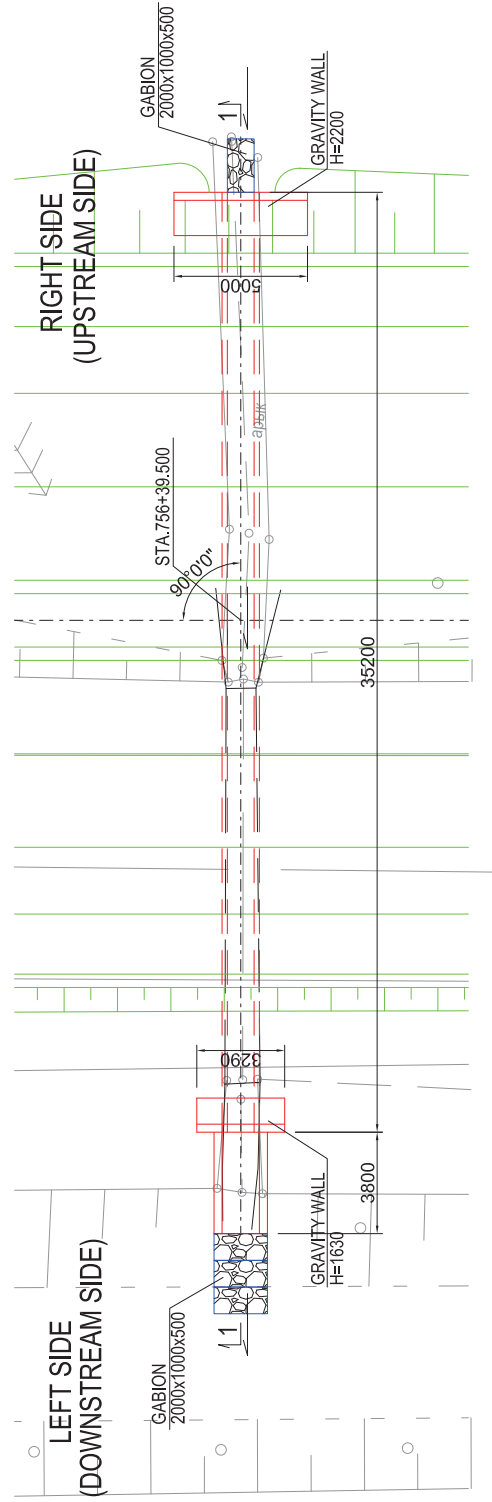
1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



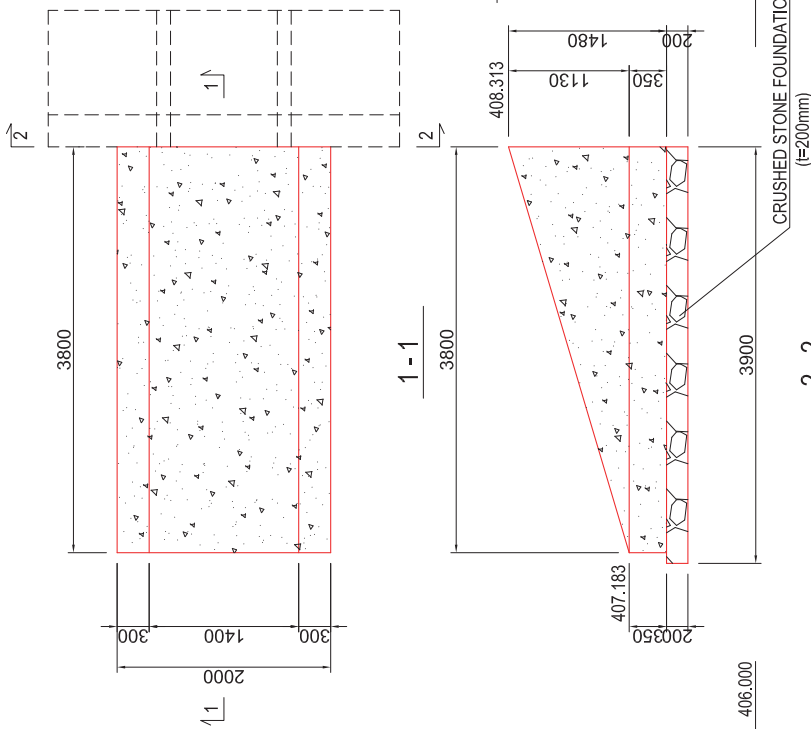
PLAN S=1:100



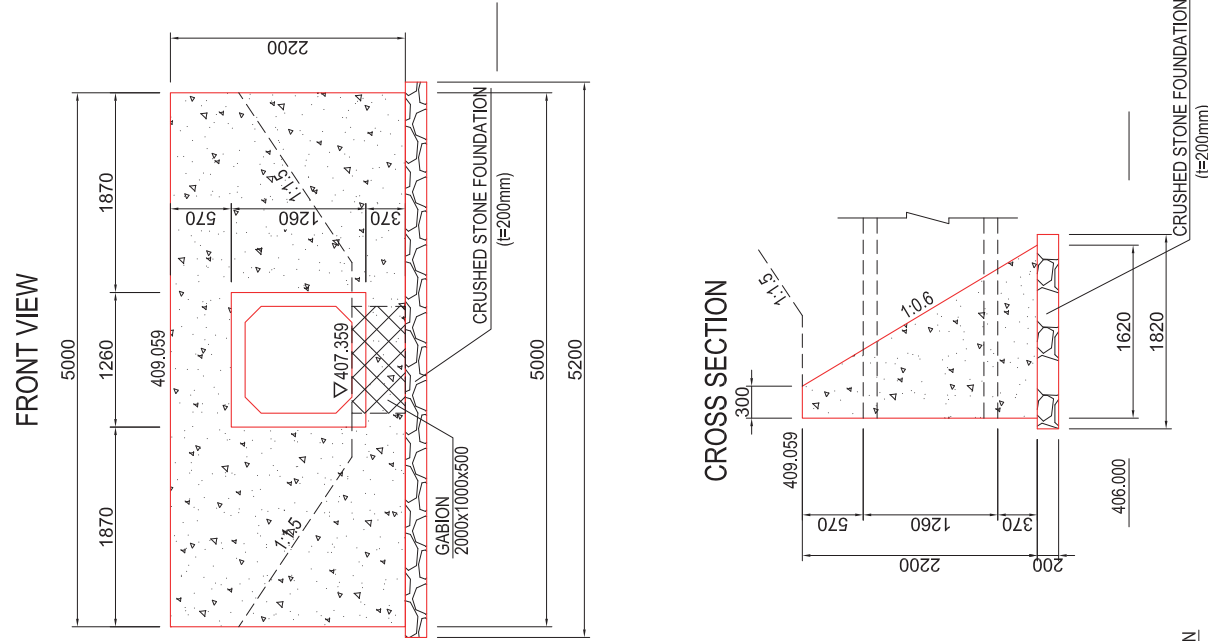
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.2 CROSS DRAINAGE BOX CULVERT 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

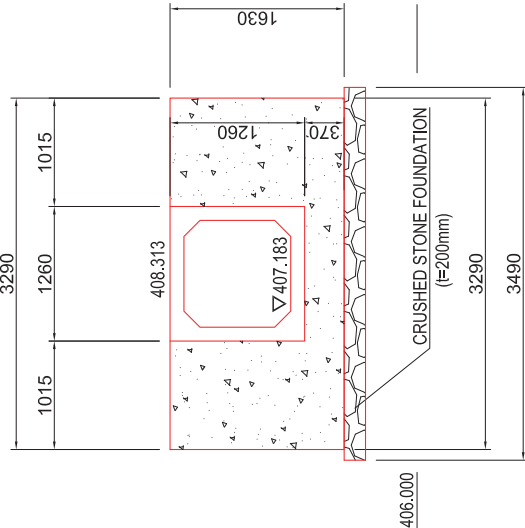
LEFT SIDE (DOWNSTREAM SIDE)



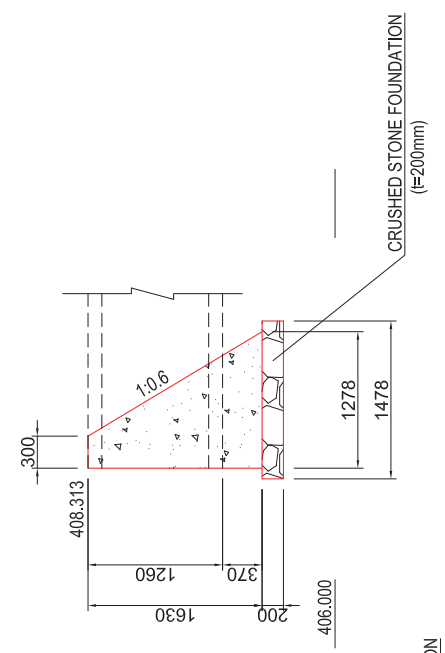
RIGHT SIDE (UPSTREAM SIDE)



FRONT VIEW



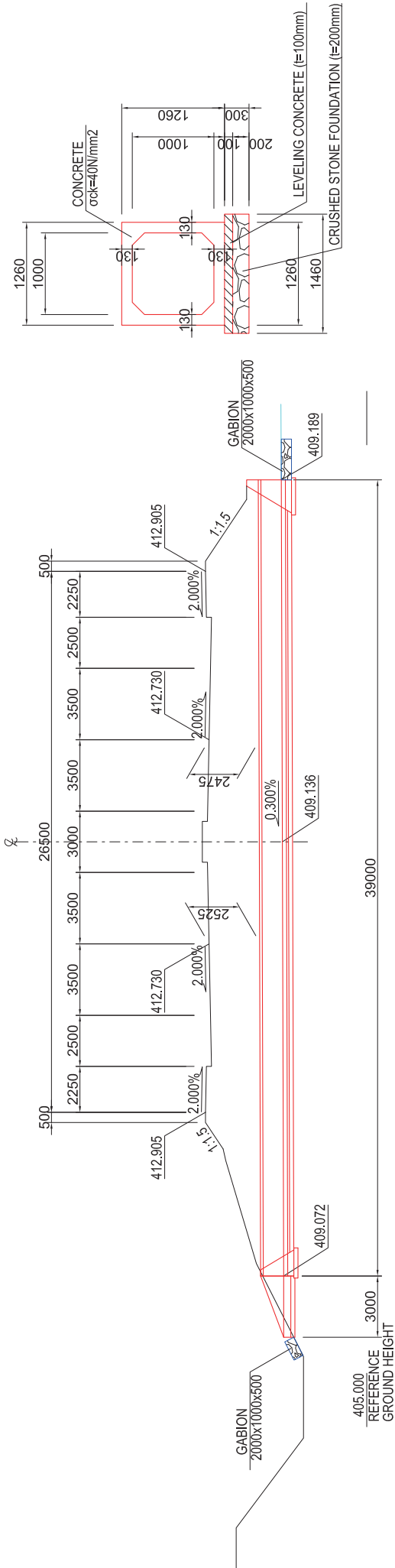
CROSS SECTION



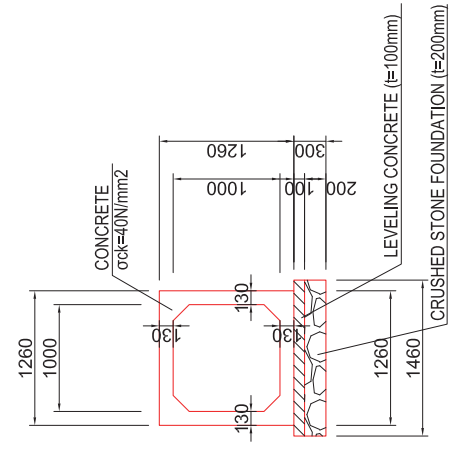
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.2 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2)
			DRAWING NO. DC-04
			DATE
			SCALE (A1 SIZE) 1:25
			APPROVED
			CHECKED
			SHEET NO. 4/16

NO.3 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)

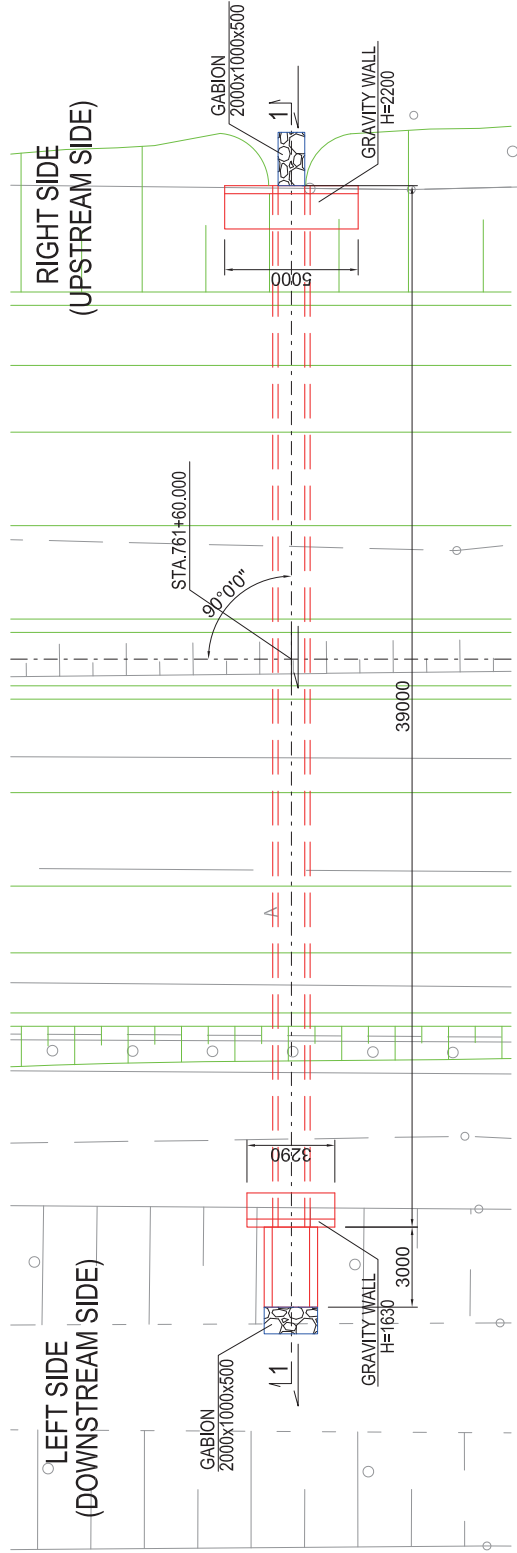
1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



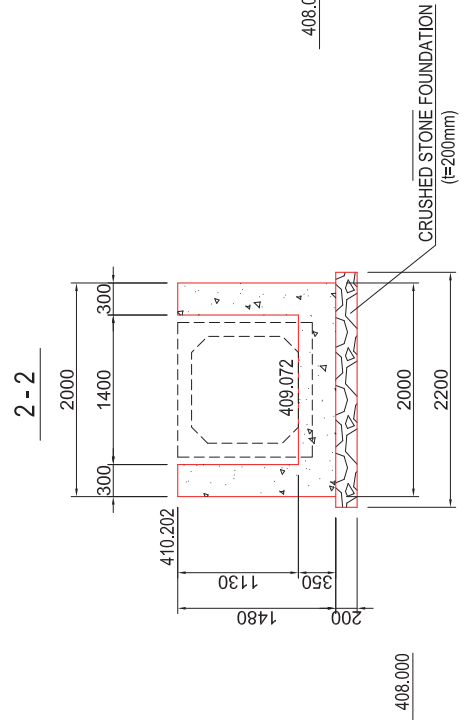
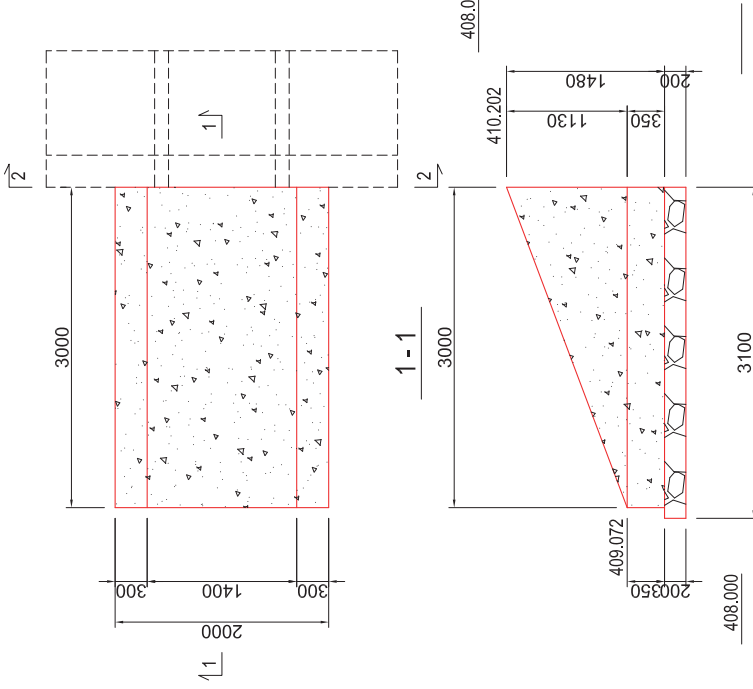
PLAN S=1:100



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.3 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE	DRAWING NO. DC-05	SHEET NO. 5/16
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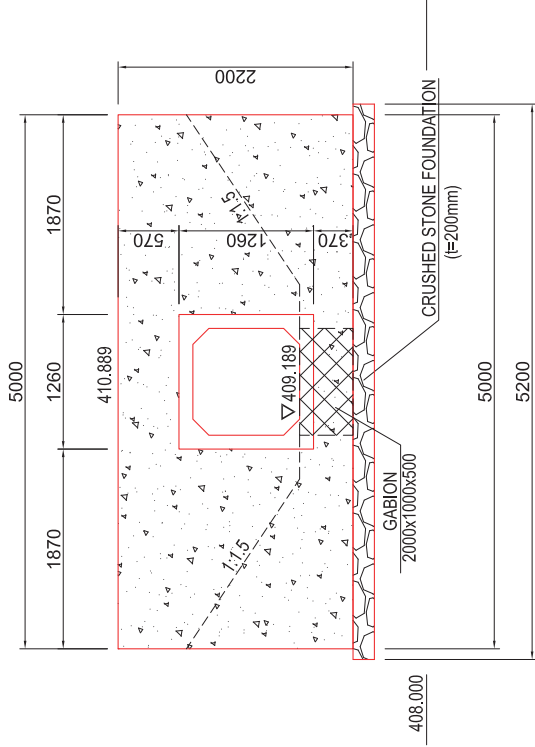
NO.3 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2) S=1:25

LEFT SIDE (DOWNSTREAM SIDE)

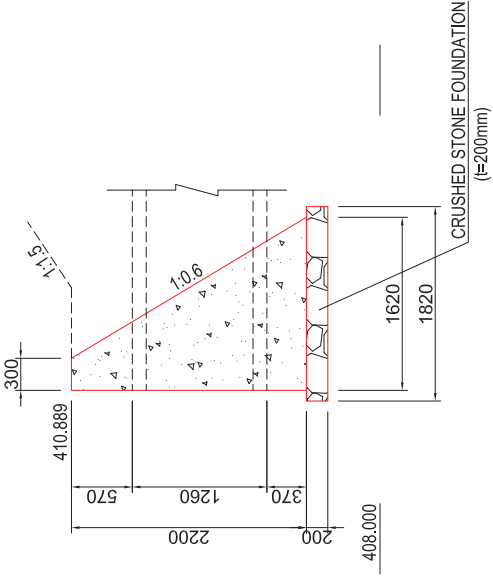


RIGHT SIDE (UPSTREAM SIDE)

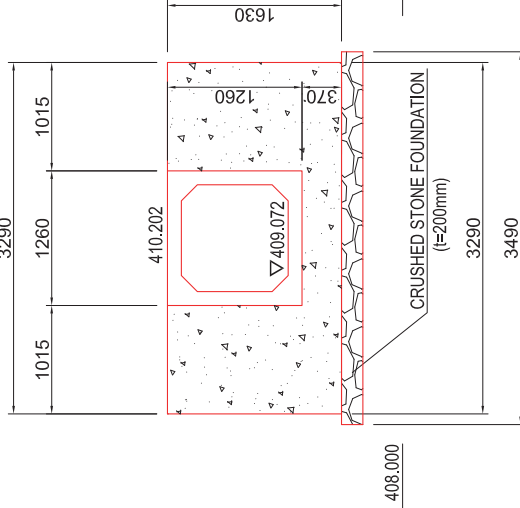
FRONT VIEW



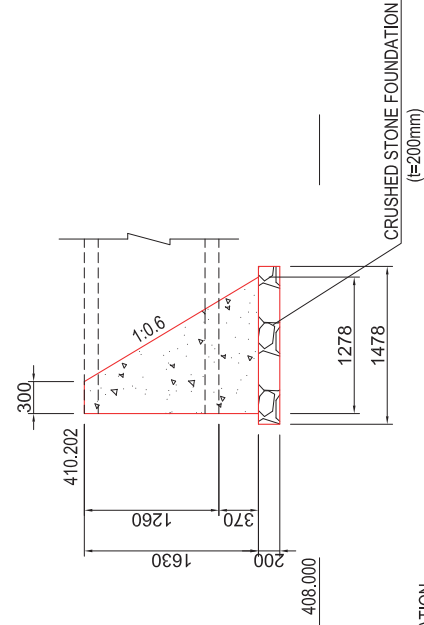
CROSS SECTION



FRONT VIEW



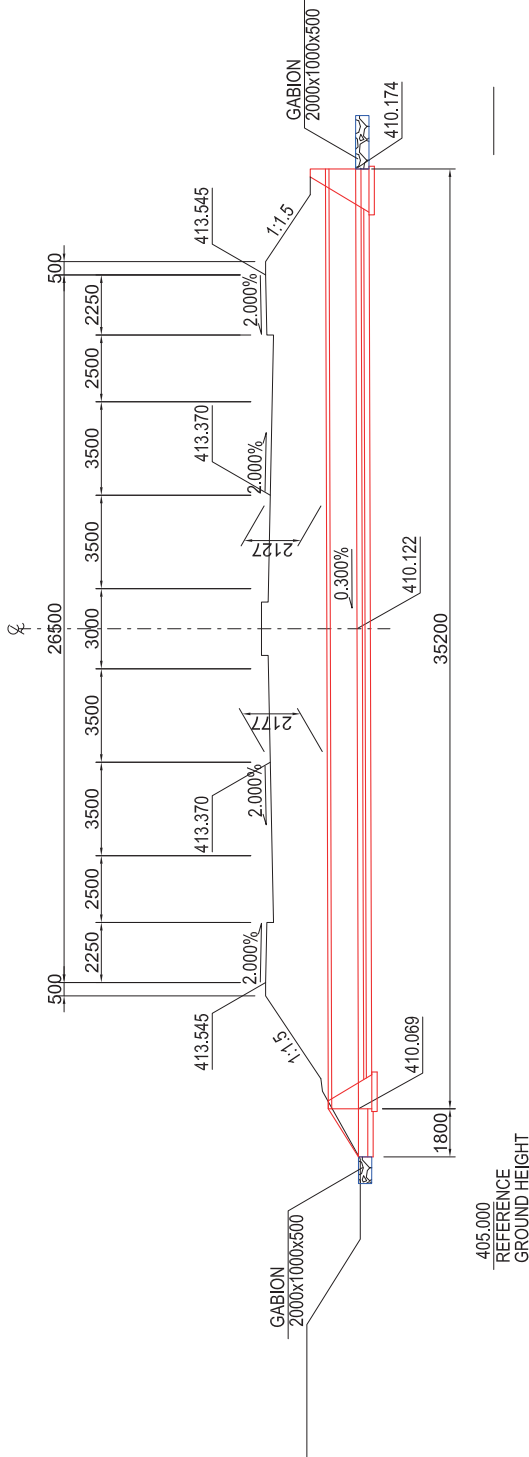
CROSS SECTION



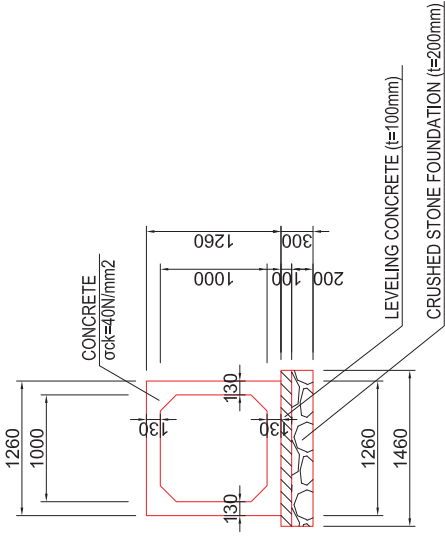
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.3 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:25	DATE	DRAWING NO. DC-06	SHEET NO. 6/16
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NO.4 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)

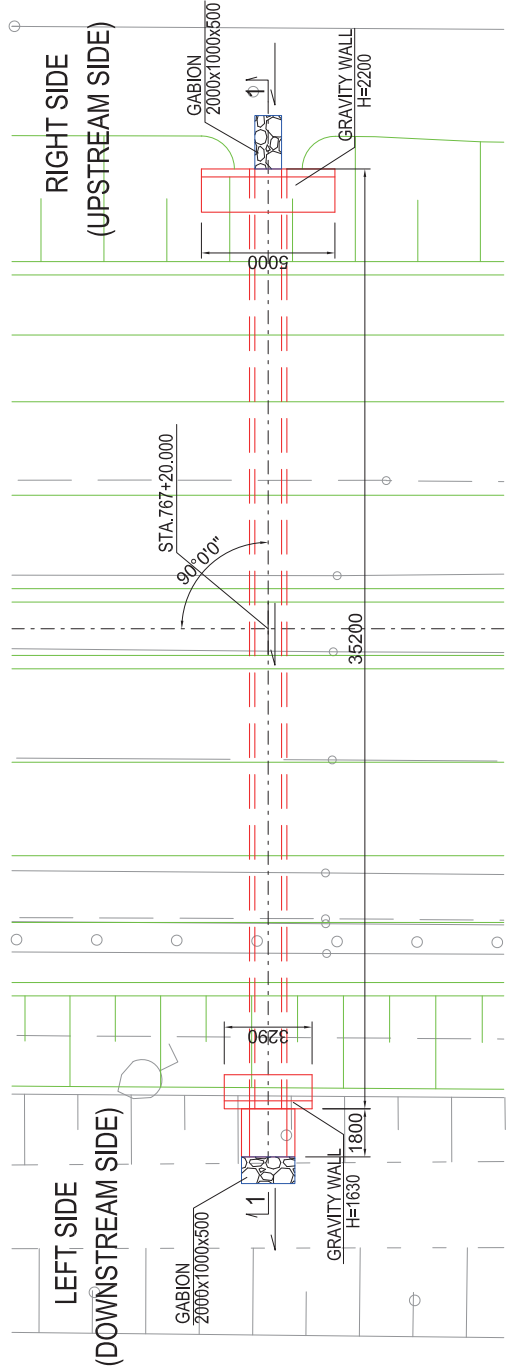
1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



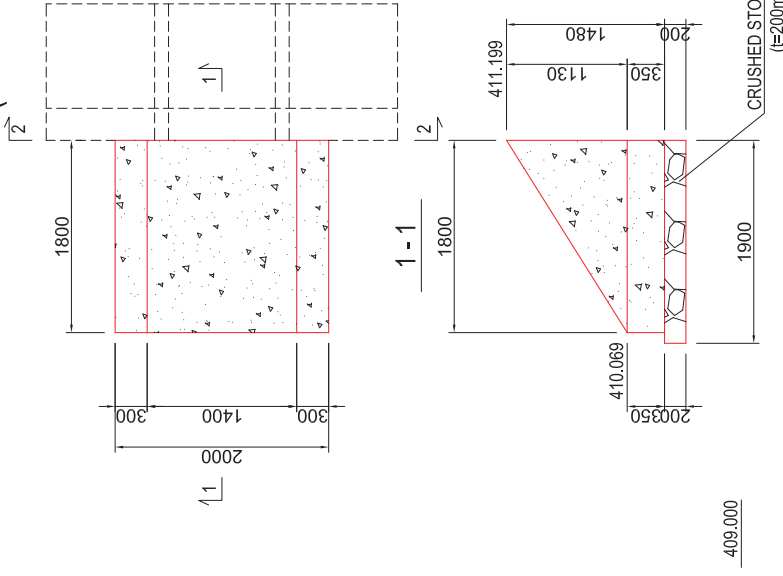
PLAN S=1:100



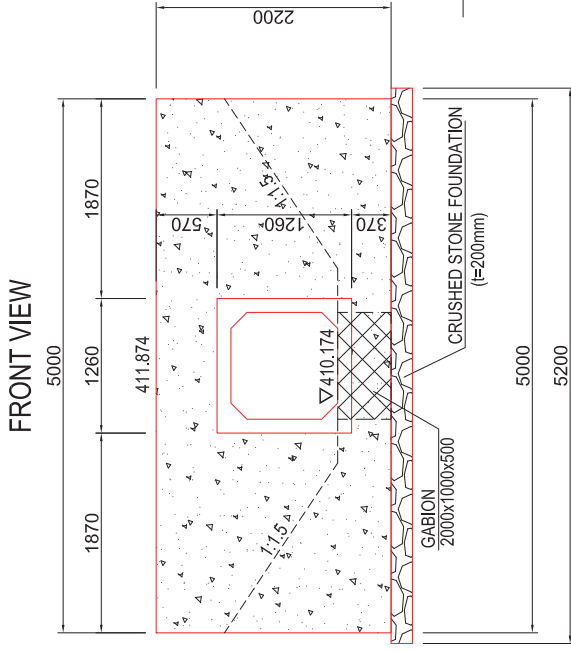
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	TITLE: NO.4 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING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

NO.4 CROSS DRAINAGE BOX CULVERT
GENERAL DRAWINGS (2) S=1:25

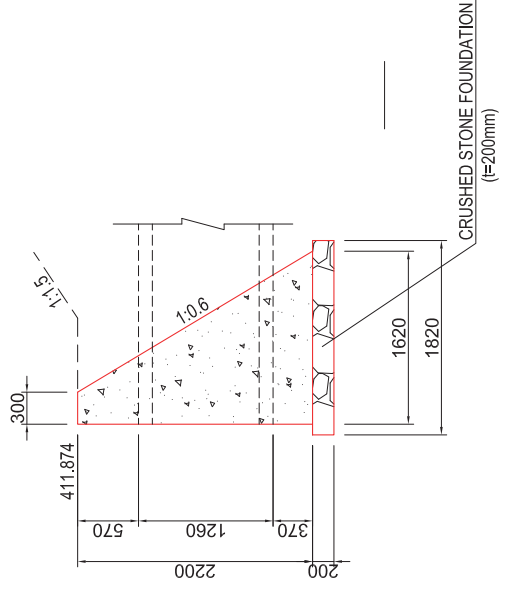
LEFT SIDE
(DOWNSTREAM SIDE)



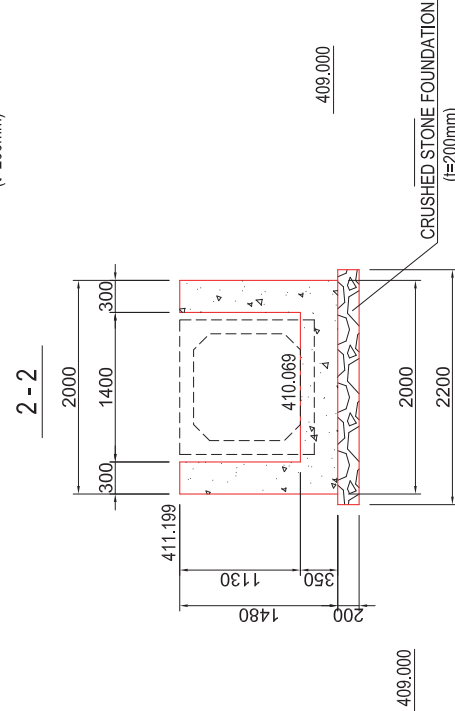
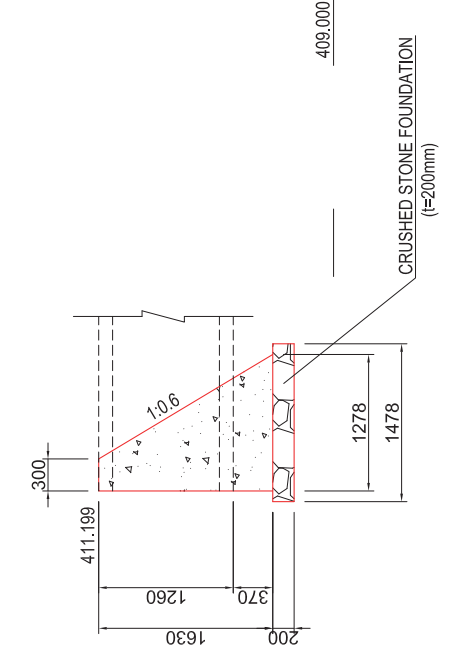
RIGHT SIDE
(UPSTREAM SIDE)



CROSS SECTION



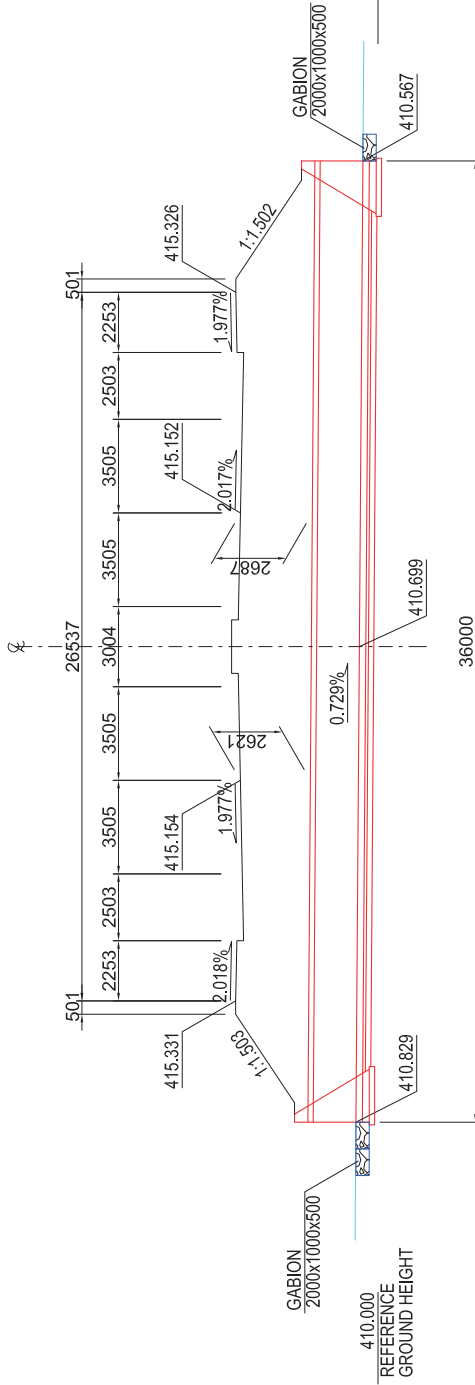
CROSS SECTION



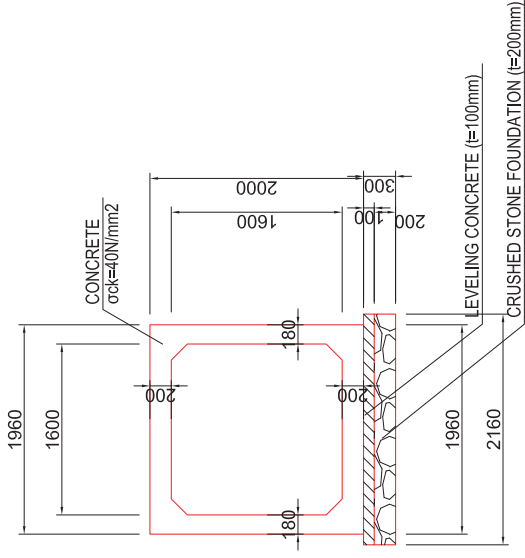
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.4 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2)	CHECKED	APPROVED	SCALE (A1 SIZE)	DATE	DRAWING NO. DC-08	SHEET NO. 8/16
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NO.5 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)

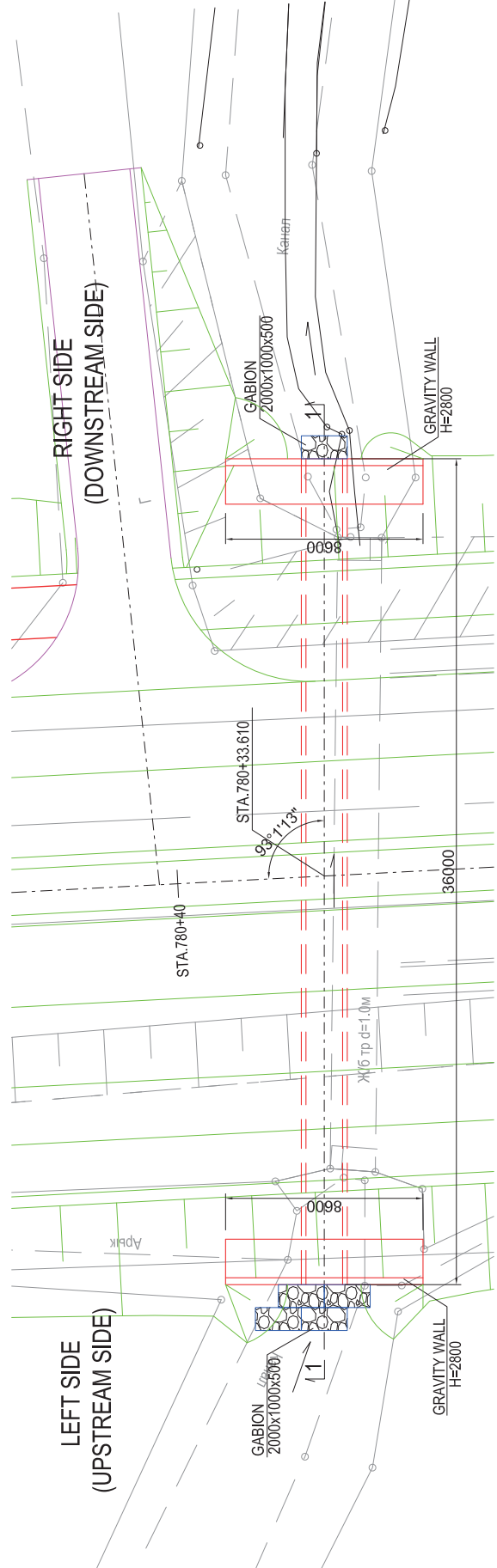
1-1 SECTION S=1:100



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.5 CROSS DRAINAGE BOX CULVERT
GENERAL DRAWINGS (1)

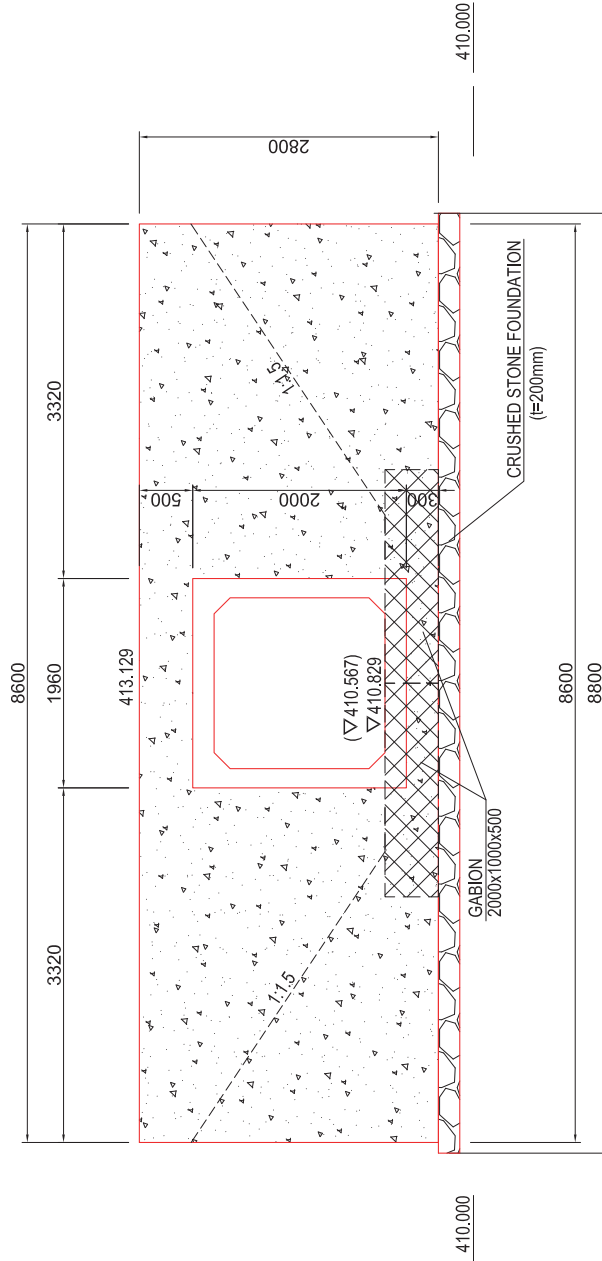
CHECKED
APPROVED
SCALE (A1 SIZE)
1:100
1:25
DATE
DRAWING NO.
DC-09

SHEET NO.
9/16

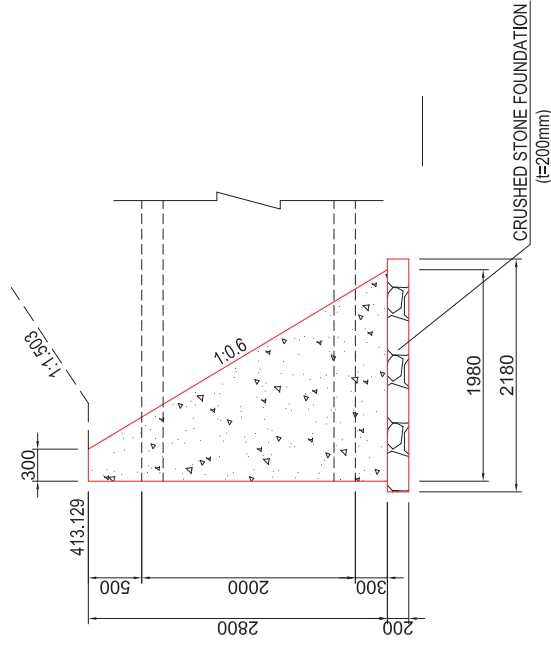
NO.5 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2) S=1:25

LEFT(RIGHT) SIDE

FRONT VIEW



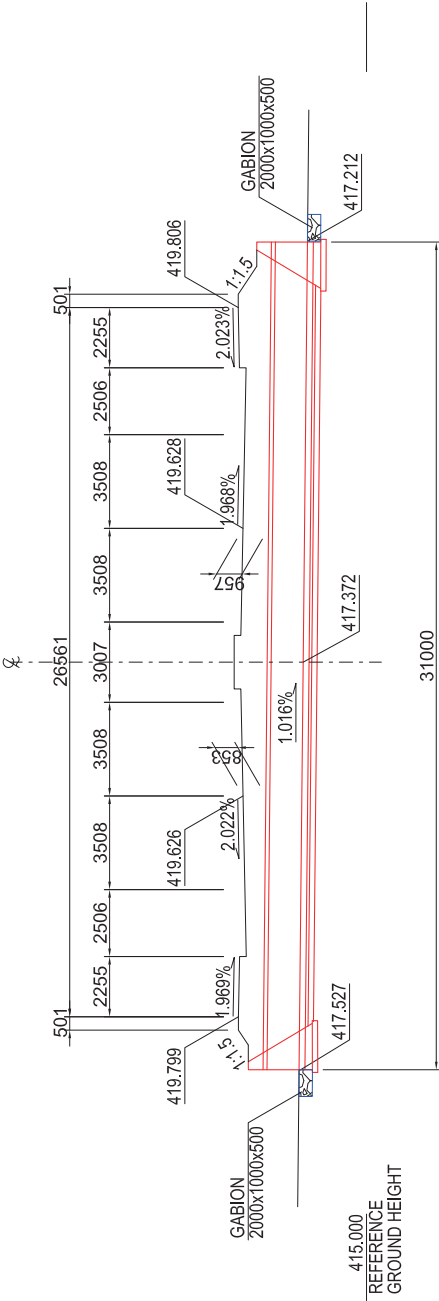
CROSS SECTION



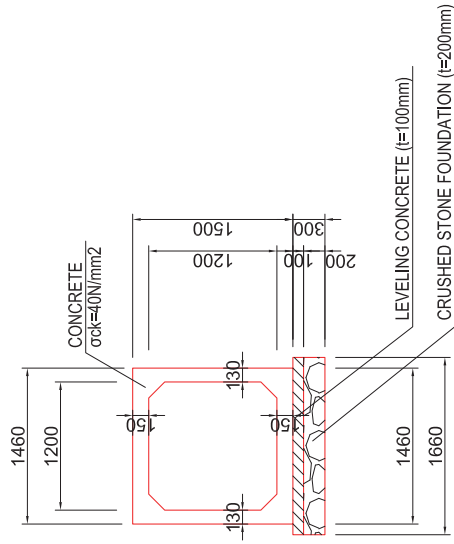
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.5 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:25	DATE	DRAWING NO. DC-10	SHEET NO. 10/16
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NO.6 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)

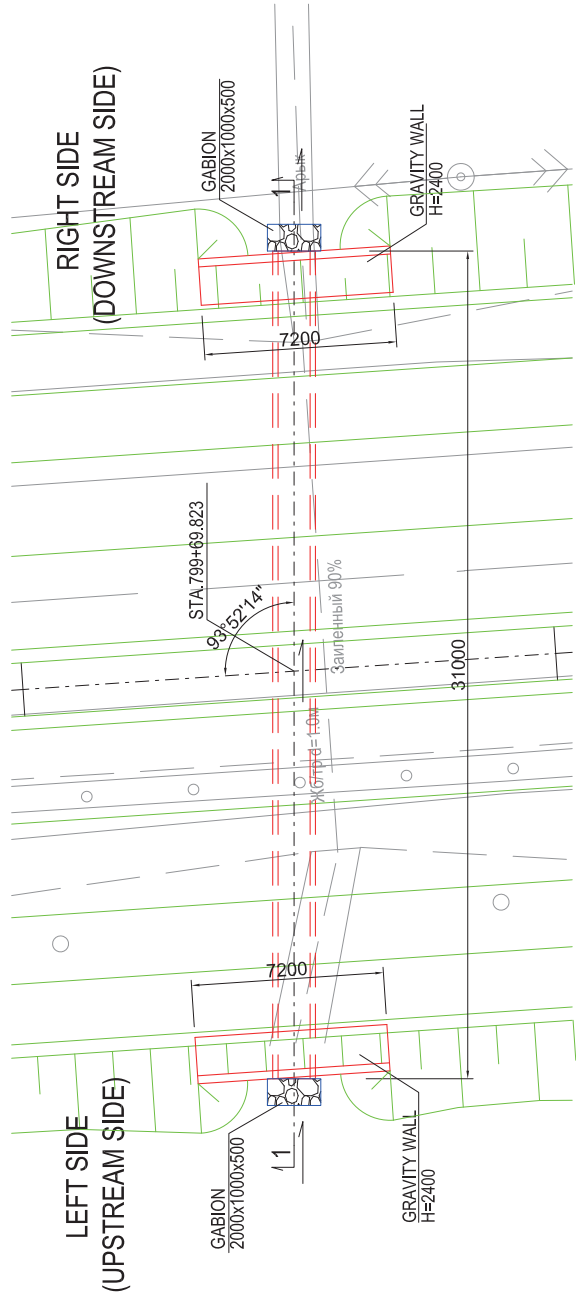
1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



PLAN S=1:100

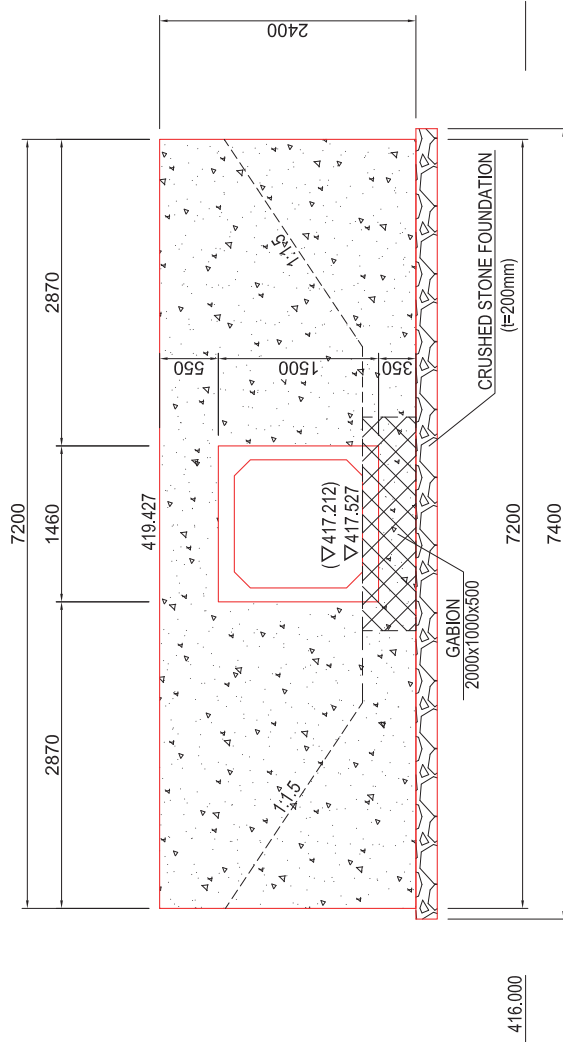


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.6 CROSS DRAINAGE BOX CULVERT 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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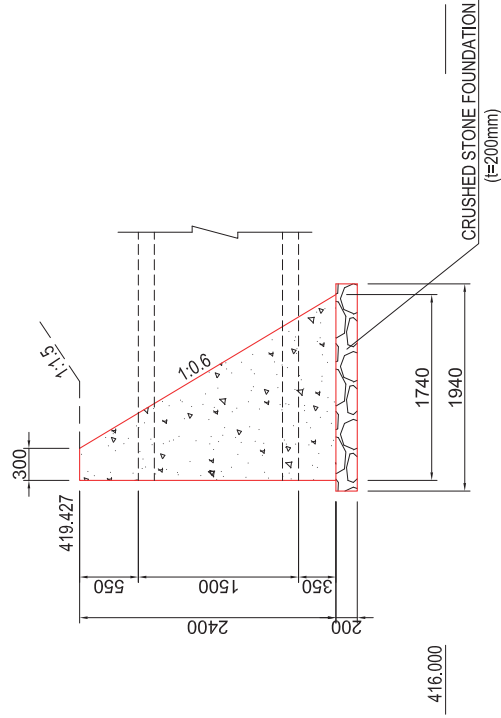
NO.6 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2) S=1:25

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
KZILKALA-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)
1:25

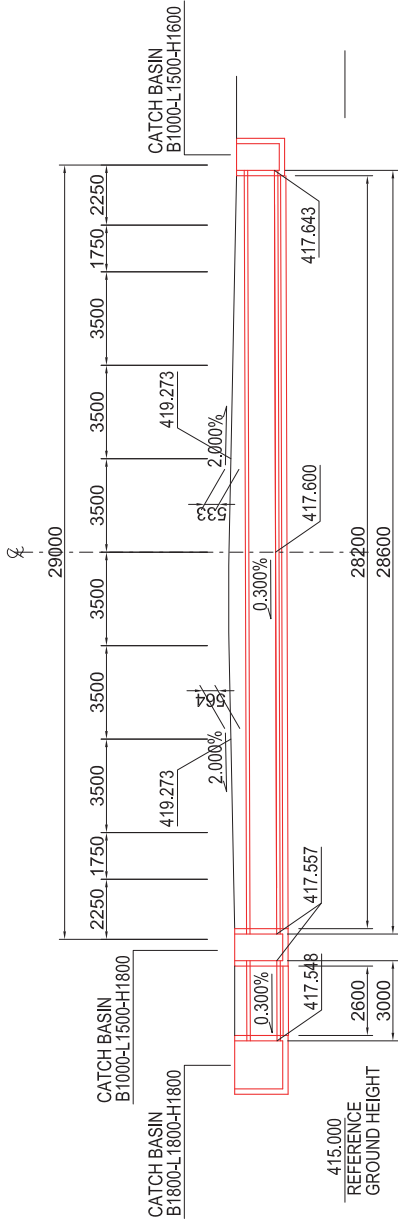
DATE

DRAWING NO.
DC-12

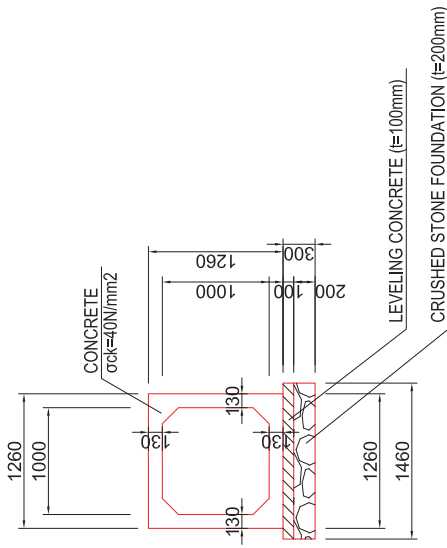
SHEET NO.
12/16

NO.7 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)

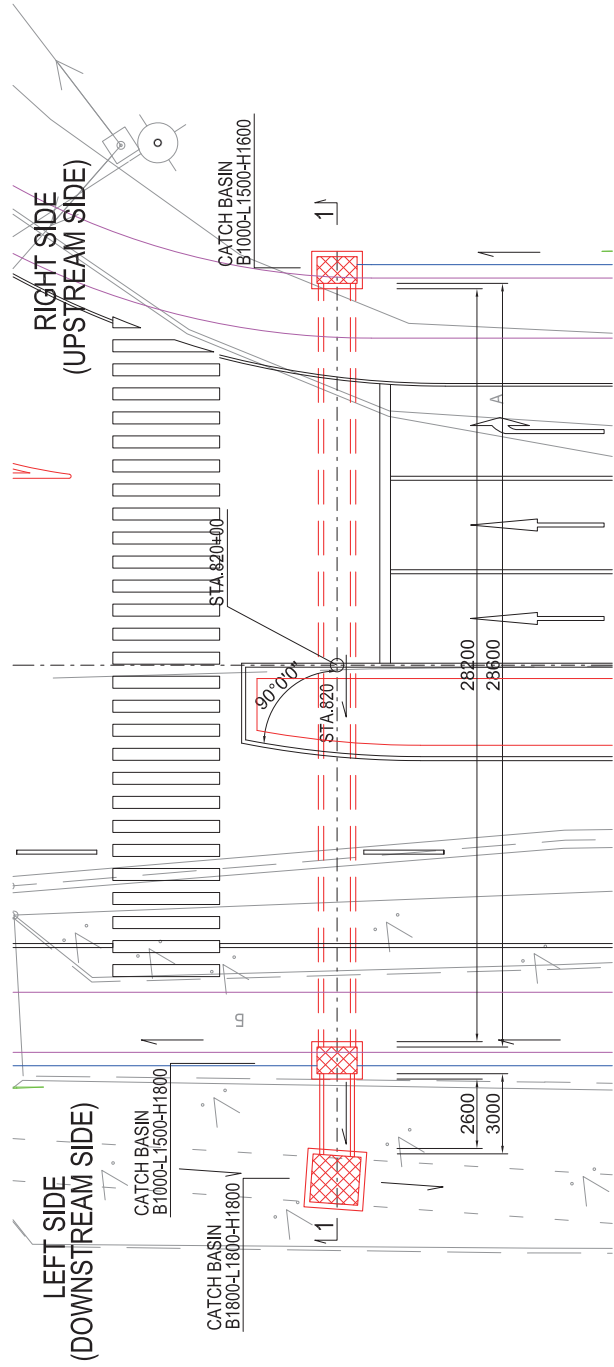
1-1 SECTION S=1:100



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

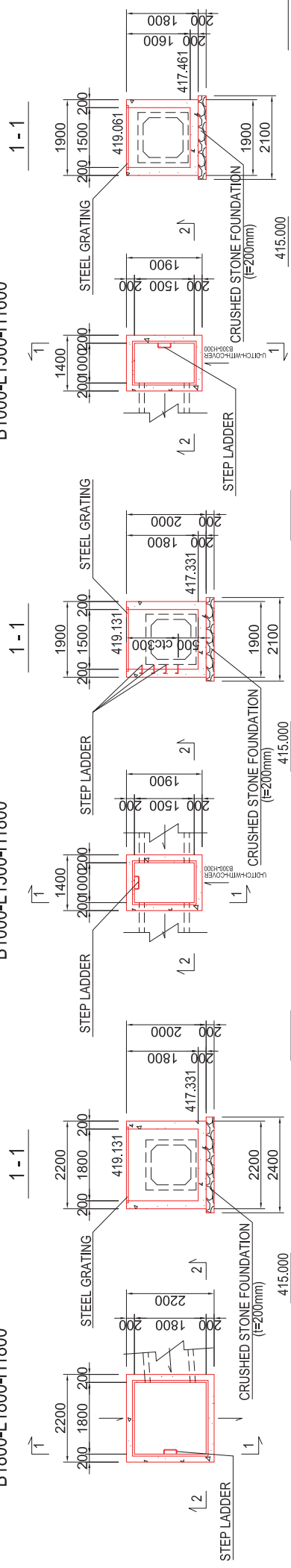
LEFT SIDE (DOWNSTREAM SIDE)

RIGHT SIDE (UPSTREAM SIDE)

PLAN
B1800-L1800-H1800

PLAN
B1000-L1500-H1800

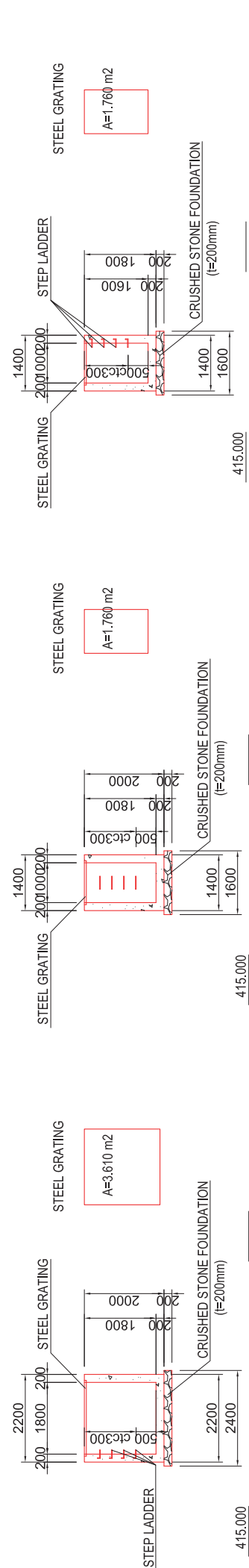
PLAN
B1000-L1500-H1600



2 - 2

2 - 2

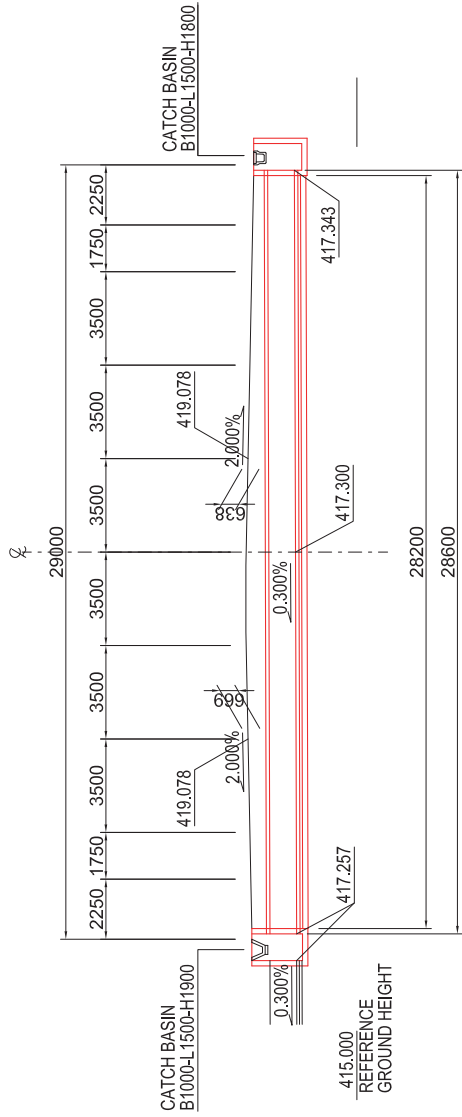
2 - 2



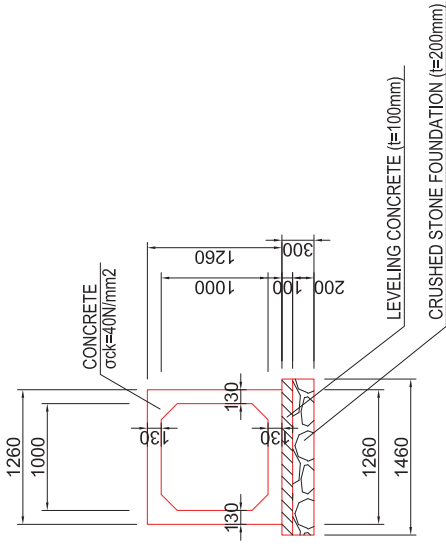
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.7 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:50	DATE	DRAWING NO. DC-09	SHEET NO. 9/16
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NO.8 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)

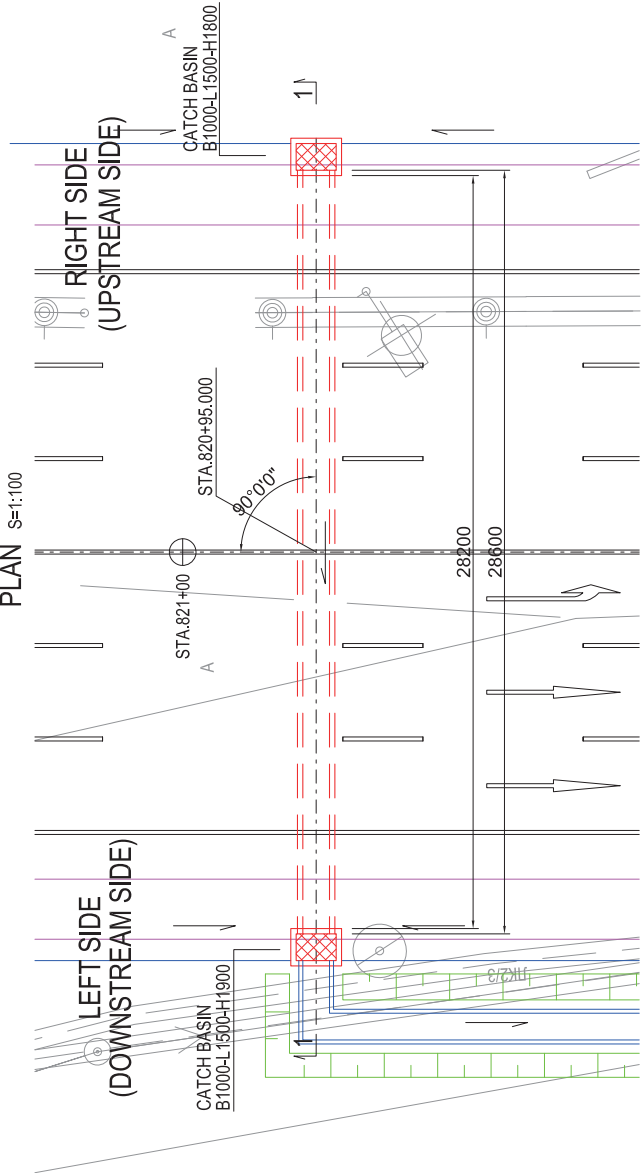
1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



PLAN S=1:100



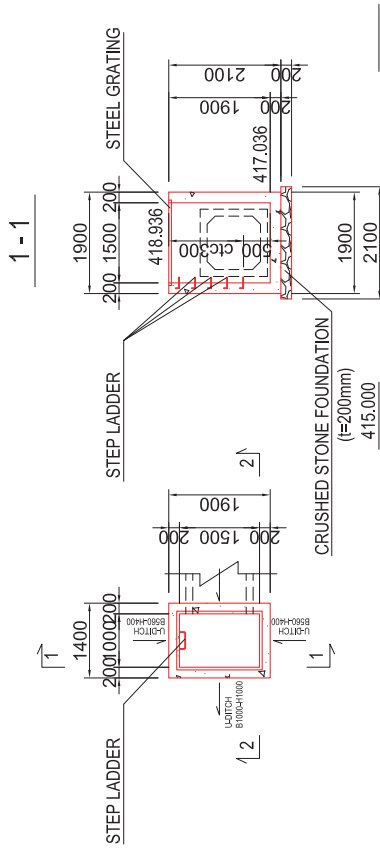
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.8 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE	DRAWING NO. DC-15	SHEET NO. 15/16
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NO.8 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2) S=1:50

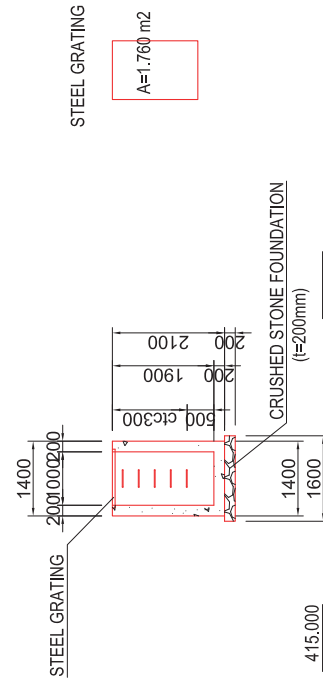
LEFT SIDE
(DOWNSTREAM SIDE)

PLAN

B1000-L1500-H1900



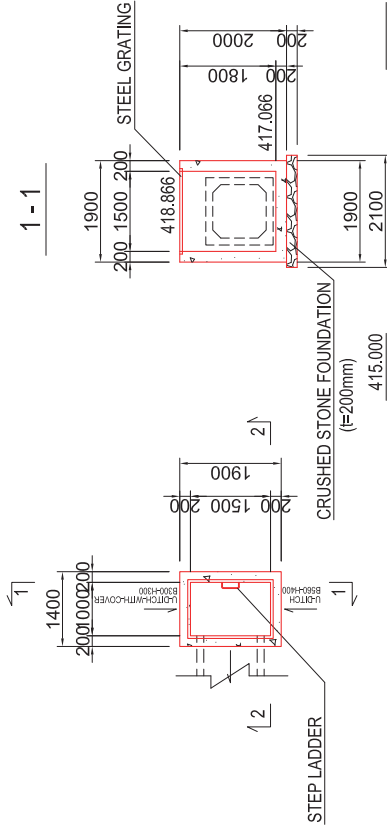
2 - 2



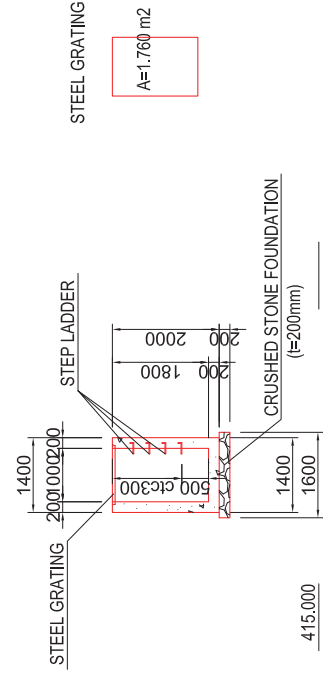
RIGHT SIDE
(UPSTREAM SIDE)

PLAN

B1000-L1500-H1800



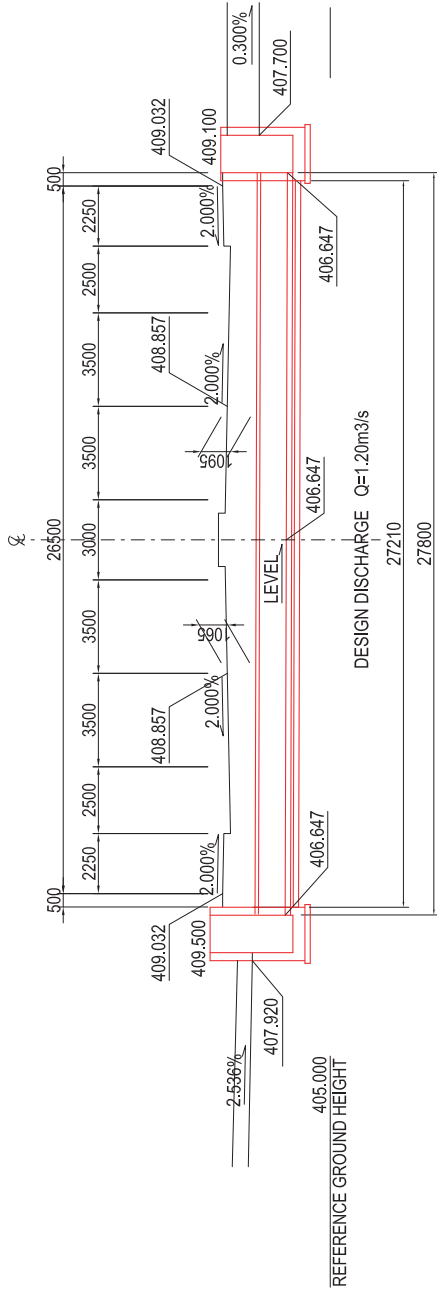
2 - 2



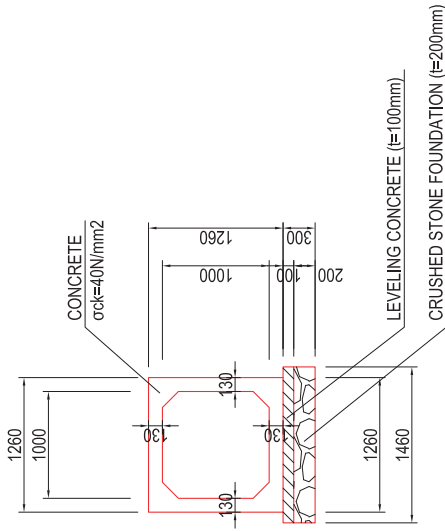
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.8 CROSS DRAINAGE BOX CULVERT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

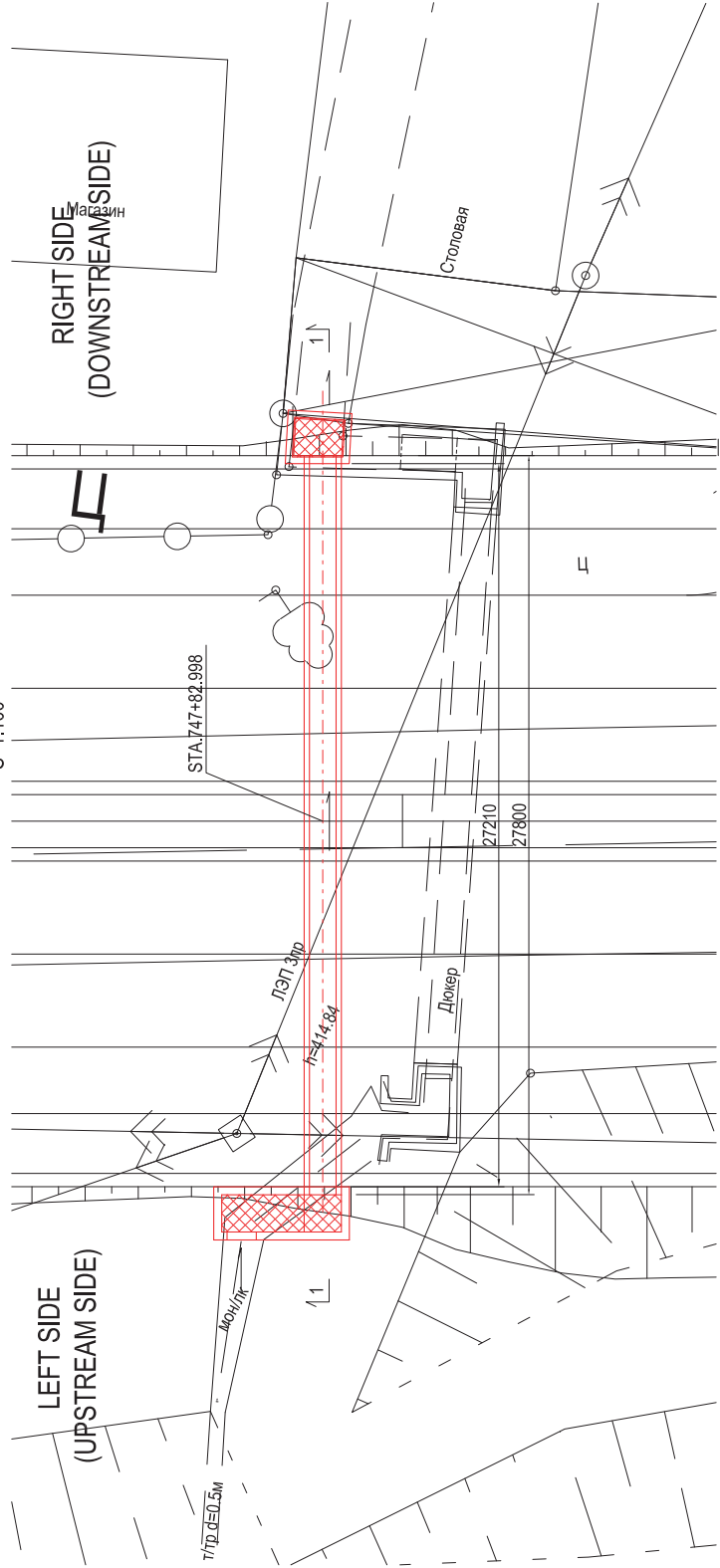
1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



PLAN S=1:100



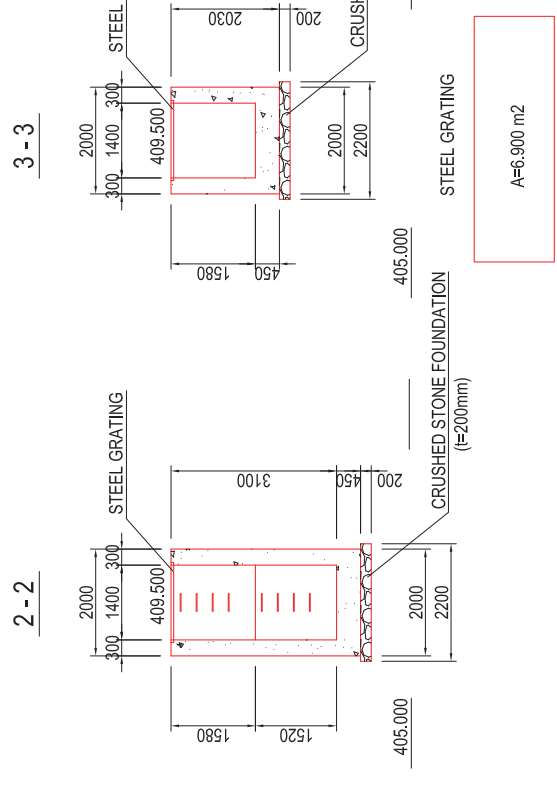
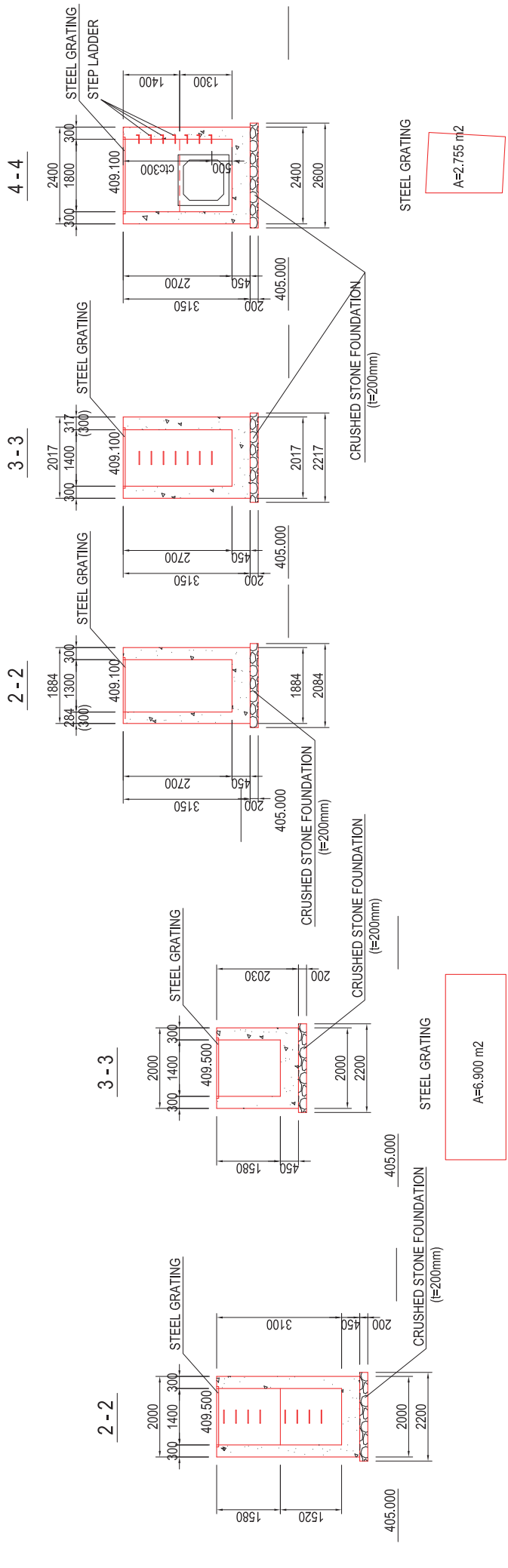
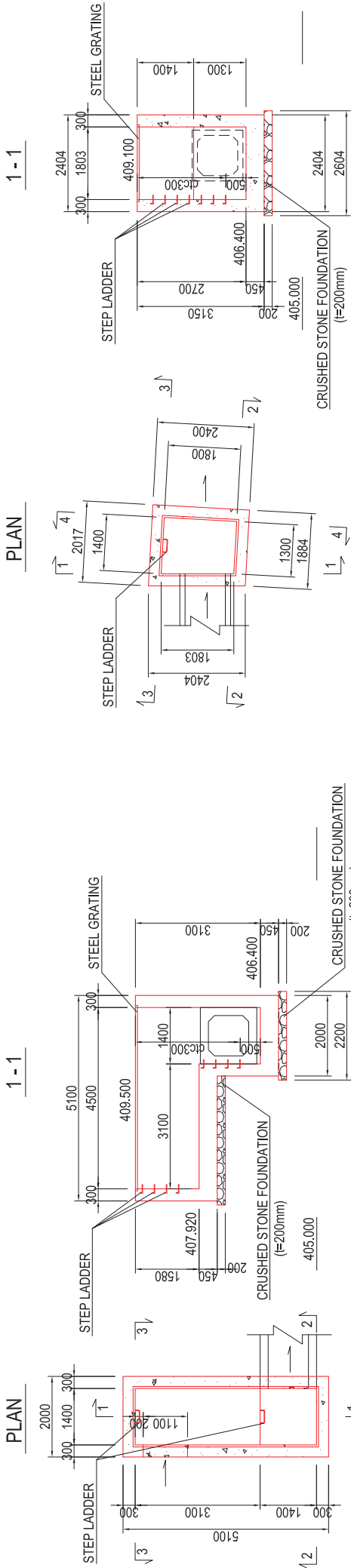
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.1 SIPHON TYPE BOX CULVERT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

S=1:50

RIGHT SIDE
(UPSTREAM SIDE)

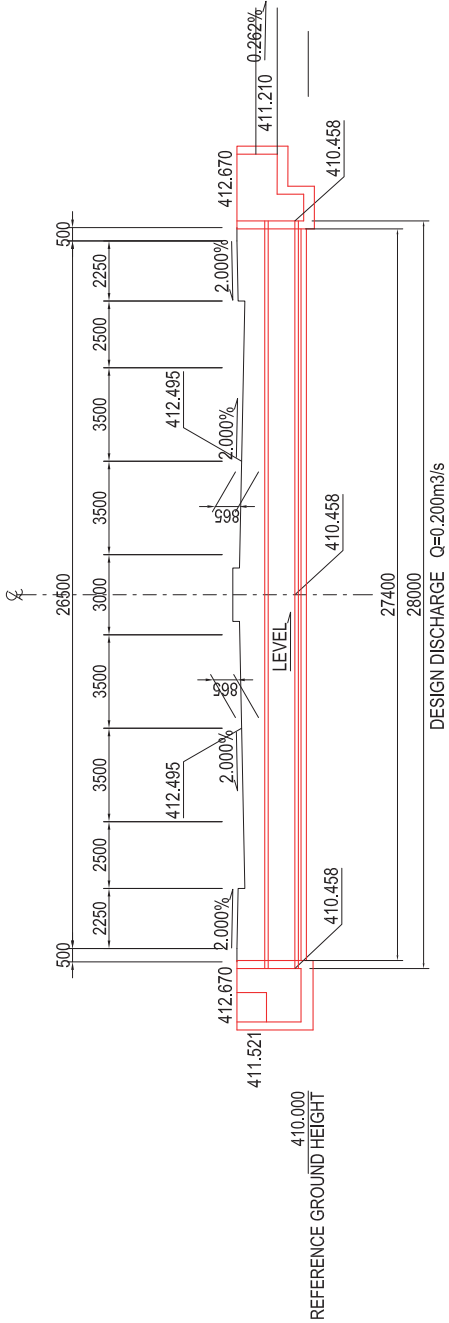
LEFT SIDE
(UPSTREAM SIDE)



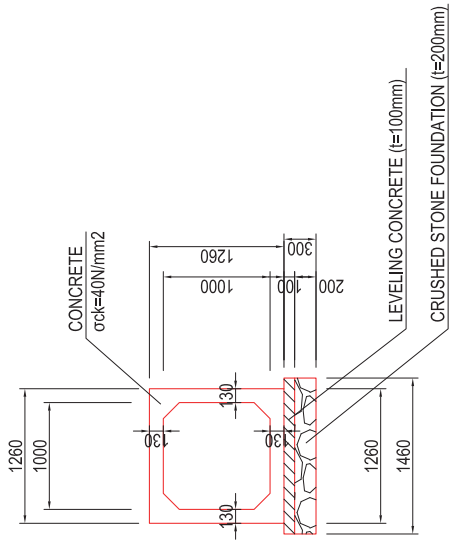
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.1 SIPHON TYPE BOX CULVERT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

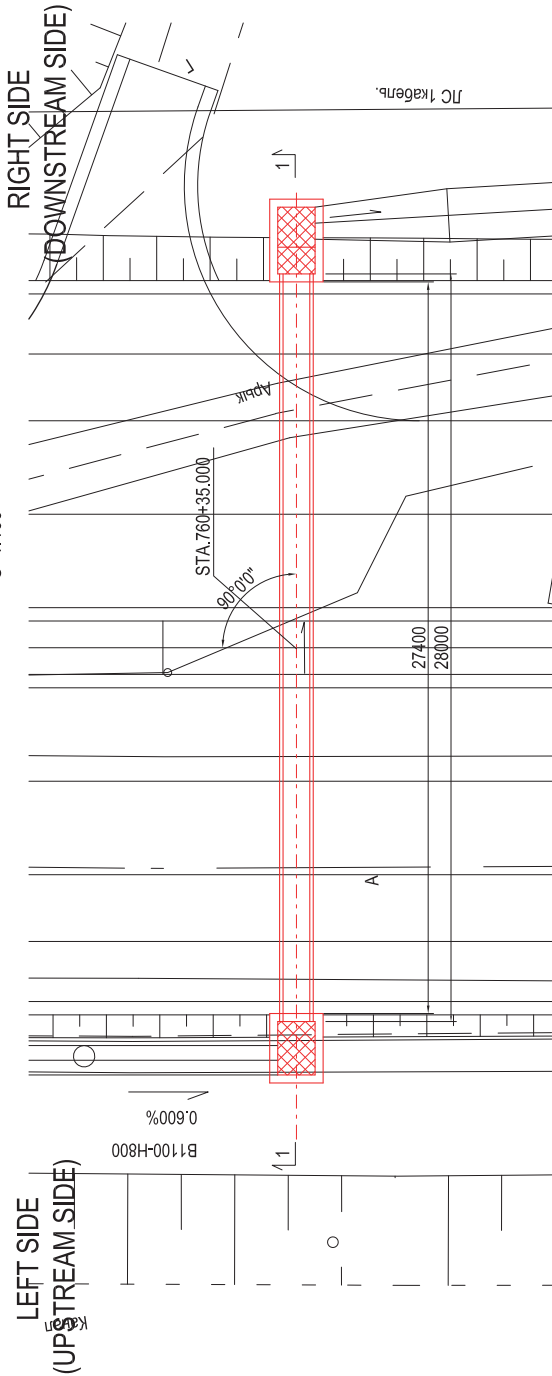
1-1 SECTION S=1:100



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 KZILKALA-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)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE	DRAWING NO. SB-03	SHEET NO. 3/16
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NO.2 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (2) S=1:50

LEFT SIDE
(UPSTREAM SIDE)

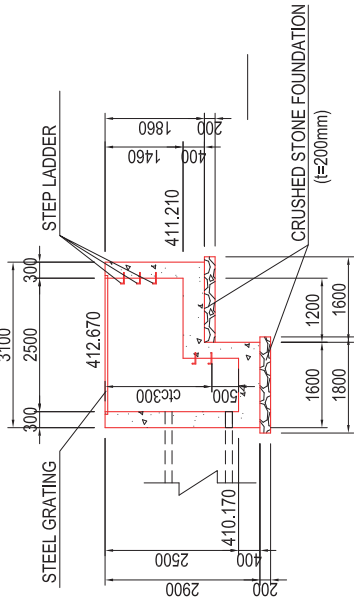
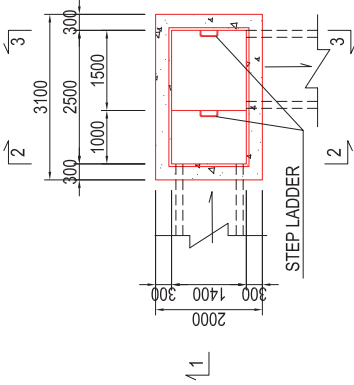
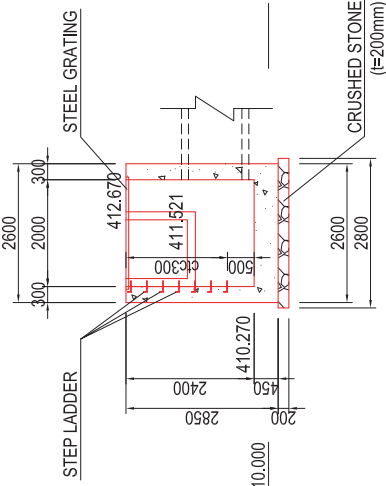
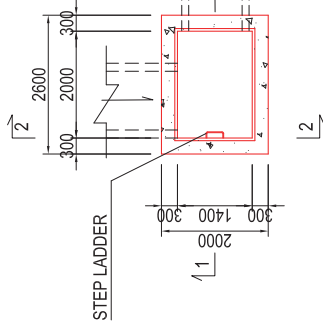
RIGHT SIDE
(DOWNSTREAM SIDE)

PLAN

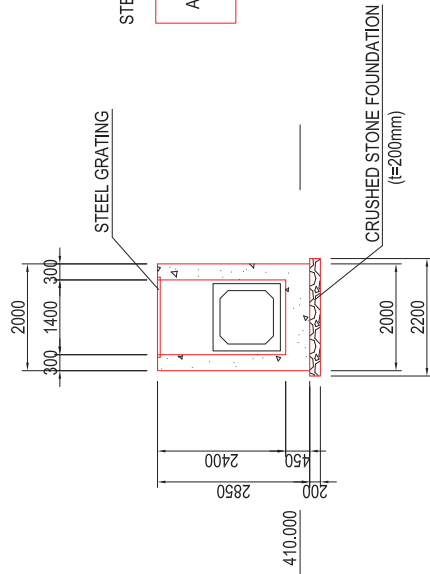
1-1

PLAN

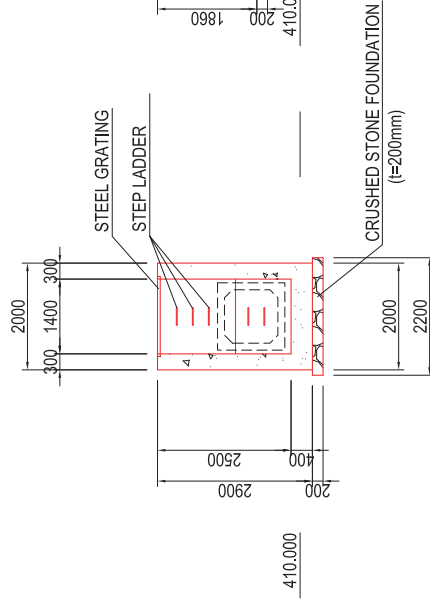
1-1



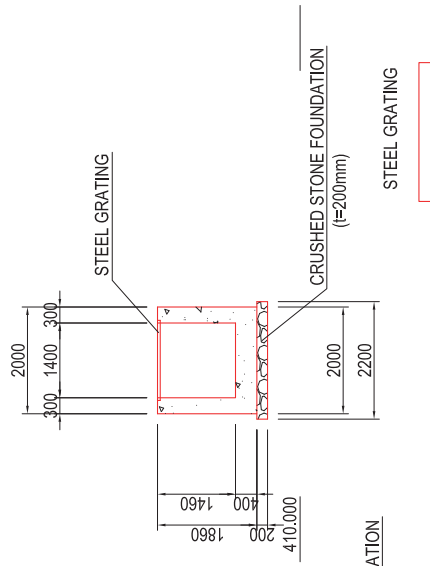
2-2



2-2



3-3



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

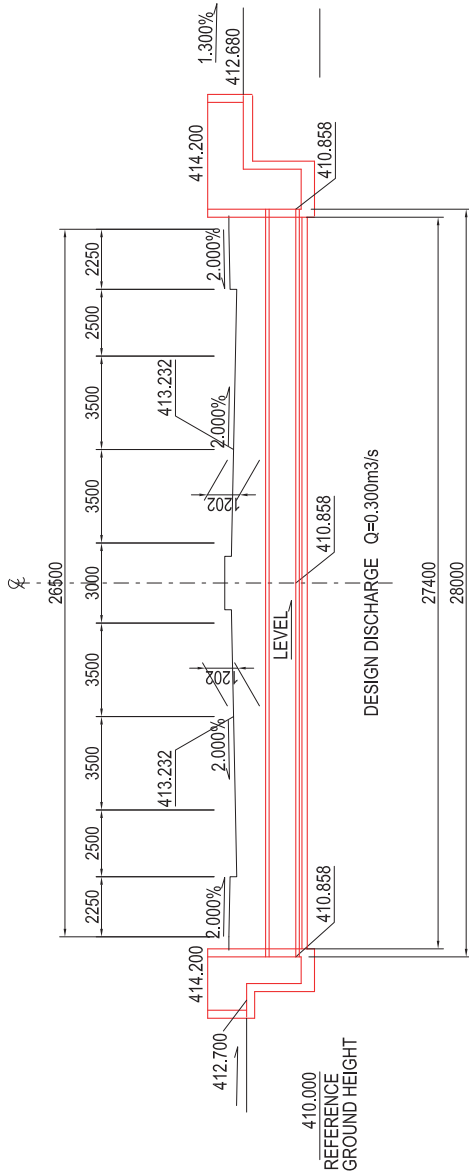
CHECKED
APPROVED
SCALE (A1 SIZE)
1:50
DATE

DRAWING NO.
SB-04

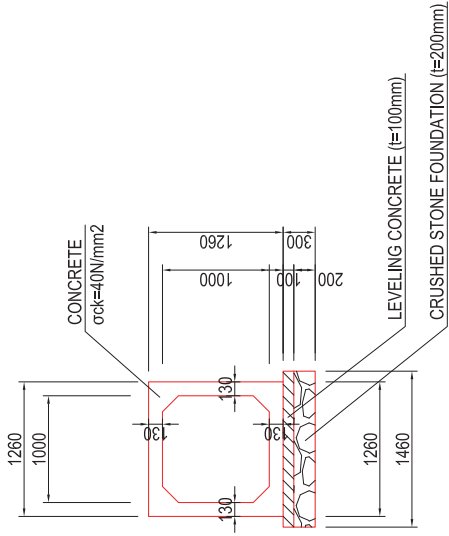
SHEET NO.
4/16

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

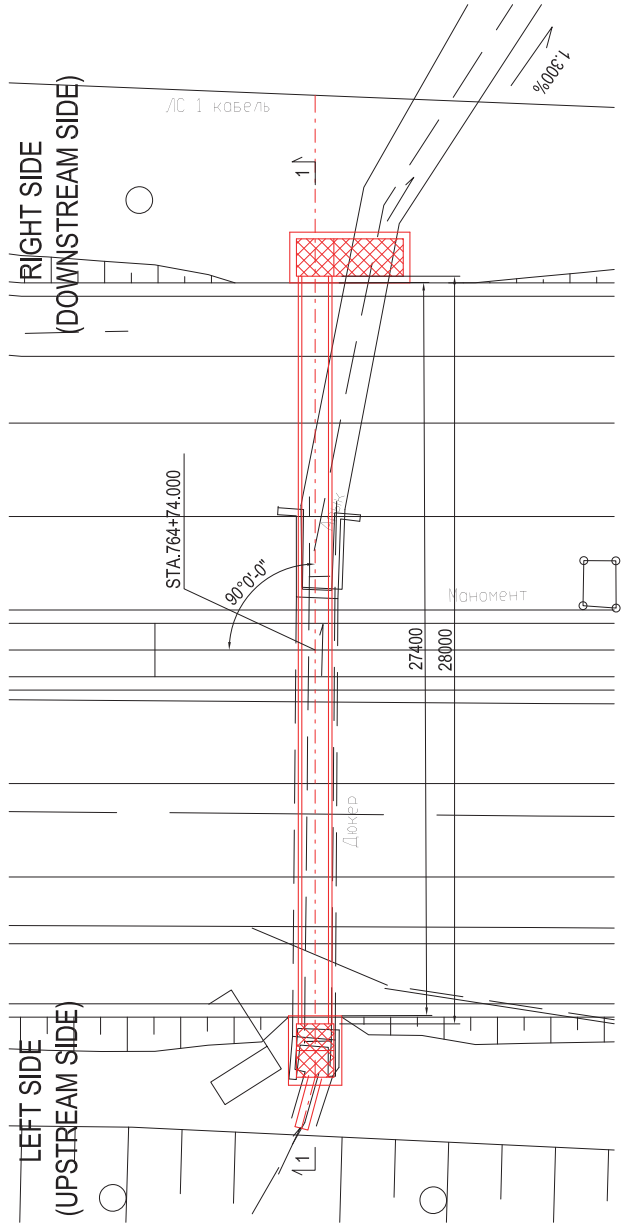
1-1 SECTION S=1:100



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
KZILKALA-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

NO.3 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (2) S=1:50

LEFT SIDE
(UPSTREAM SIDE)

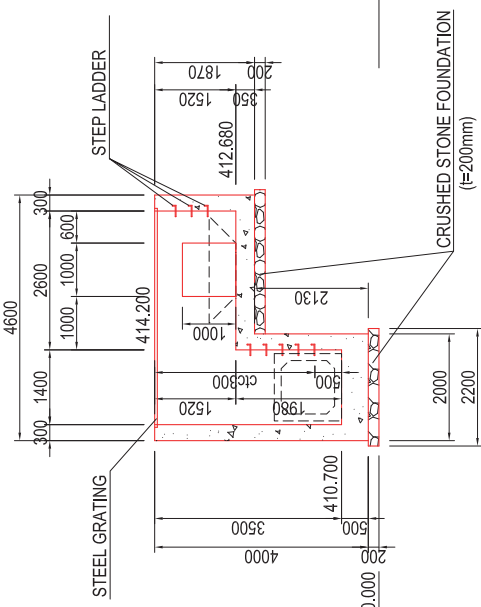
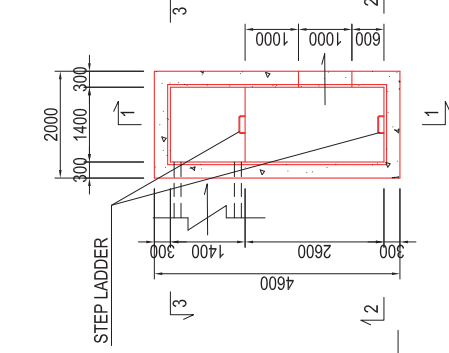
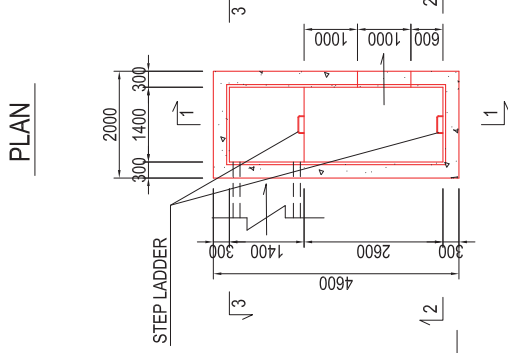
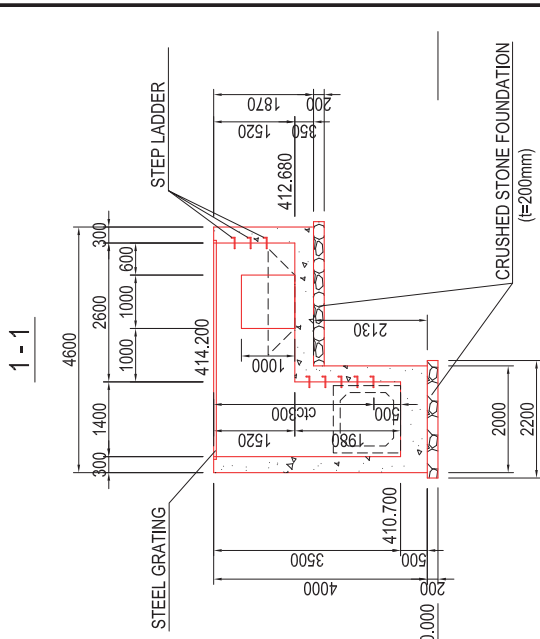
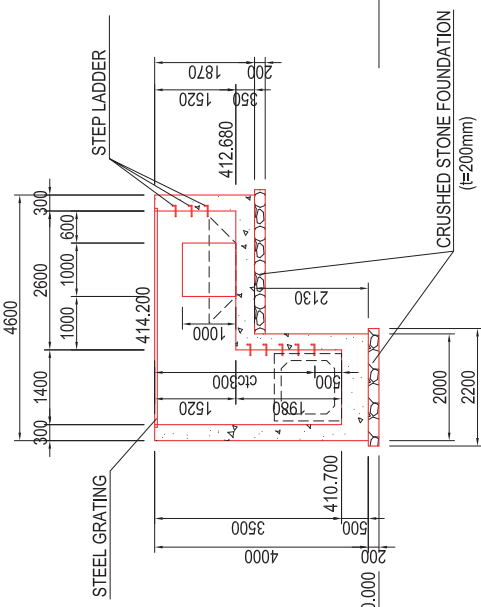
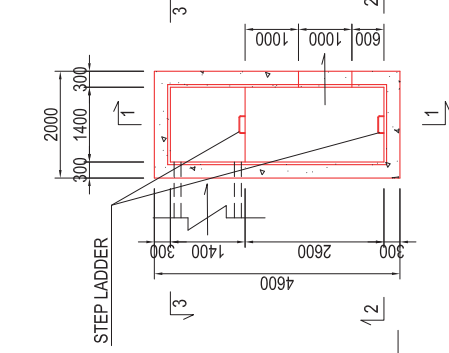
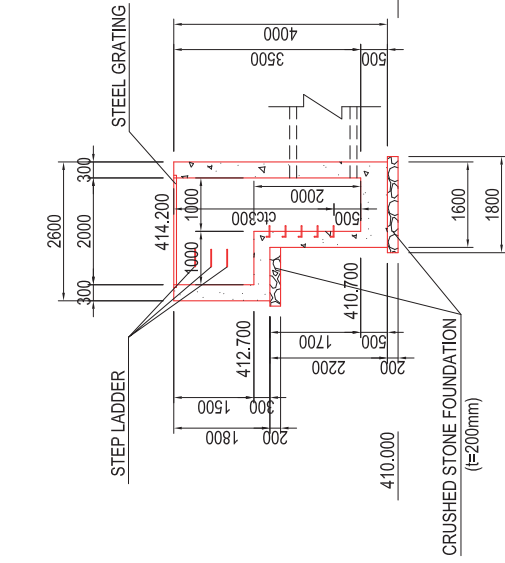
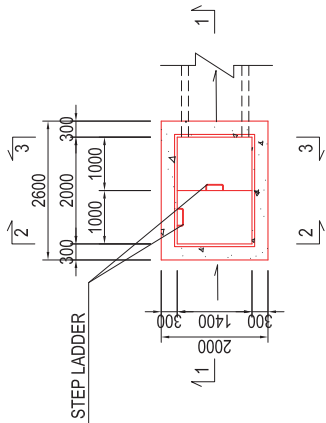
RIGHT SIDE
(DOWNSTREAM SIDE)

PLAN

1 - 1

PLAN

1 - 1

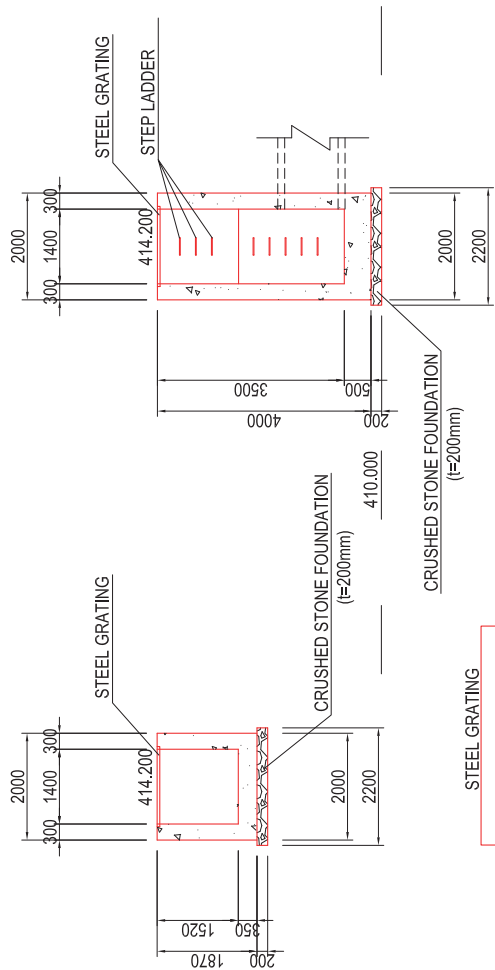
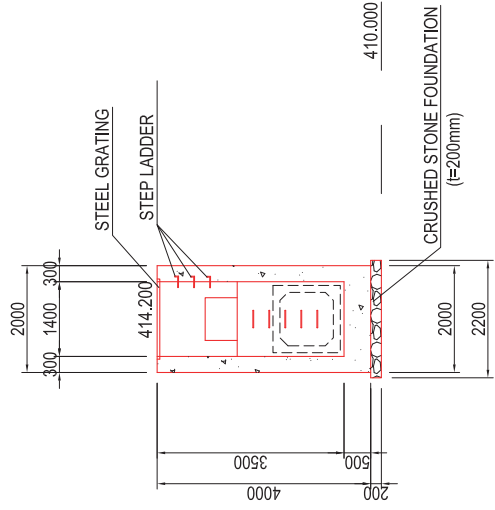
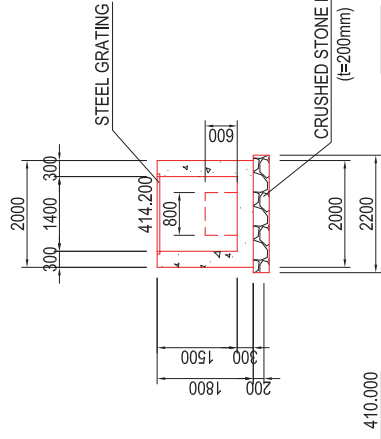


2 - 2

3 - 3

2 - 2

3 - 3



STEEL GRATING

A=3.150 m²

STEEL GRATING

A=6.150 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.3 SIPHON TYPE BOX CULVERT
FOR IRRIGATION
GENERAL DRAWINGS (2)

CHECKED

APPROVED

SCALE
(A1 SIZE)
1:50

DATE

DRAWING NO.

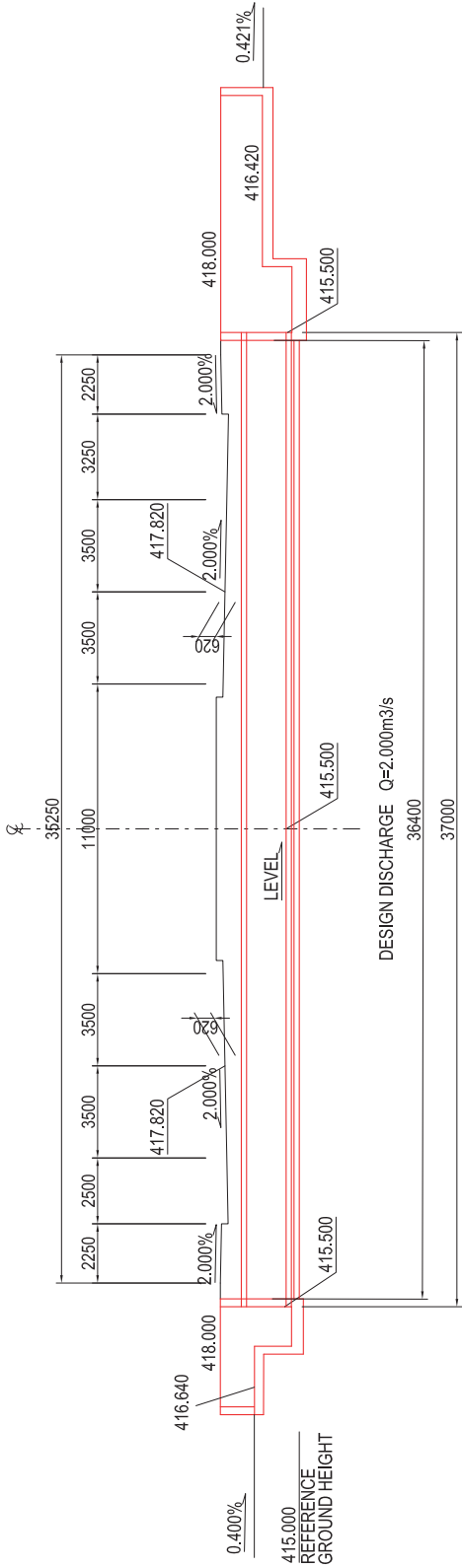
SB-06

SHEET NO.

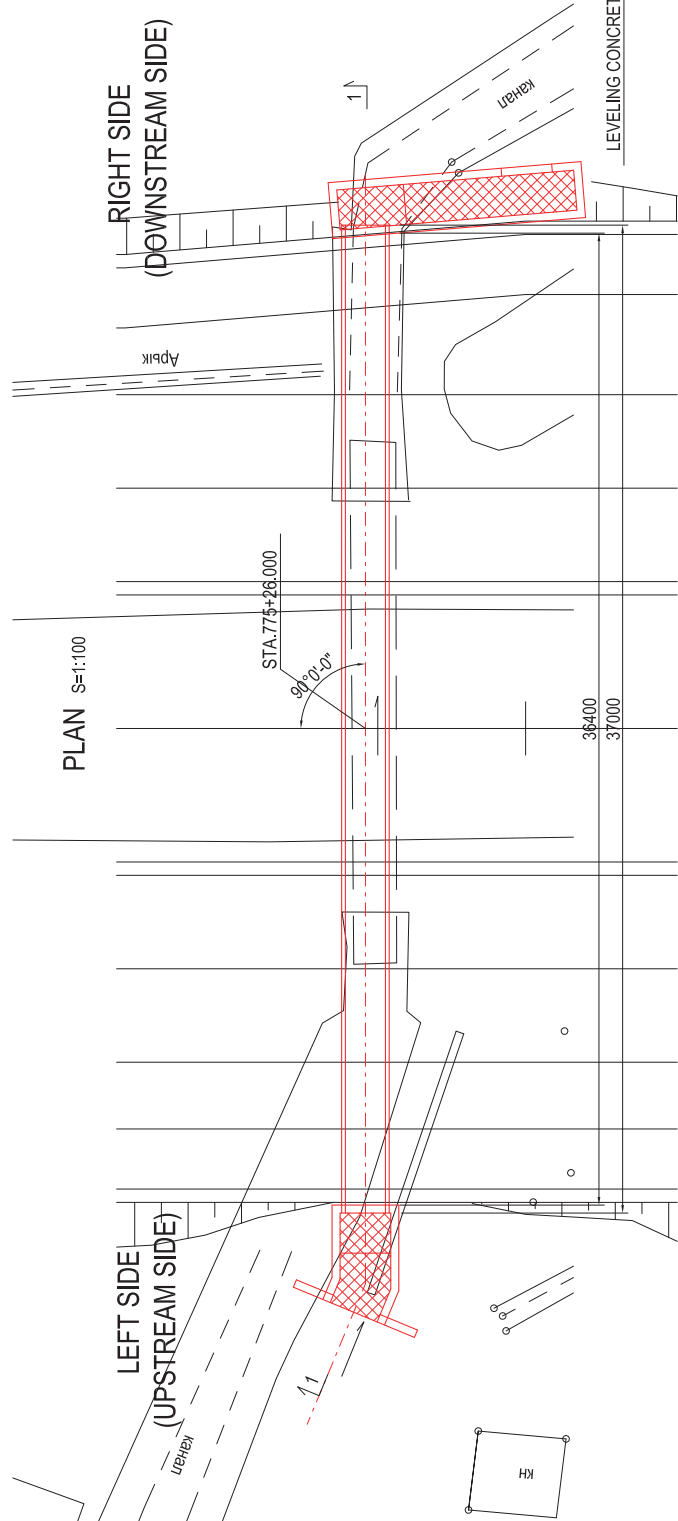
6/16

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

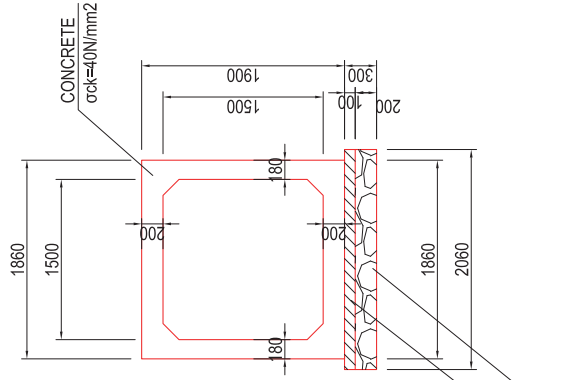
1-1 SECTION S=1:100



PLAN S=1:100

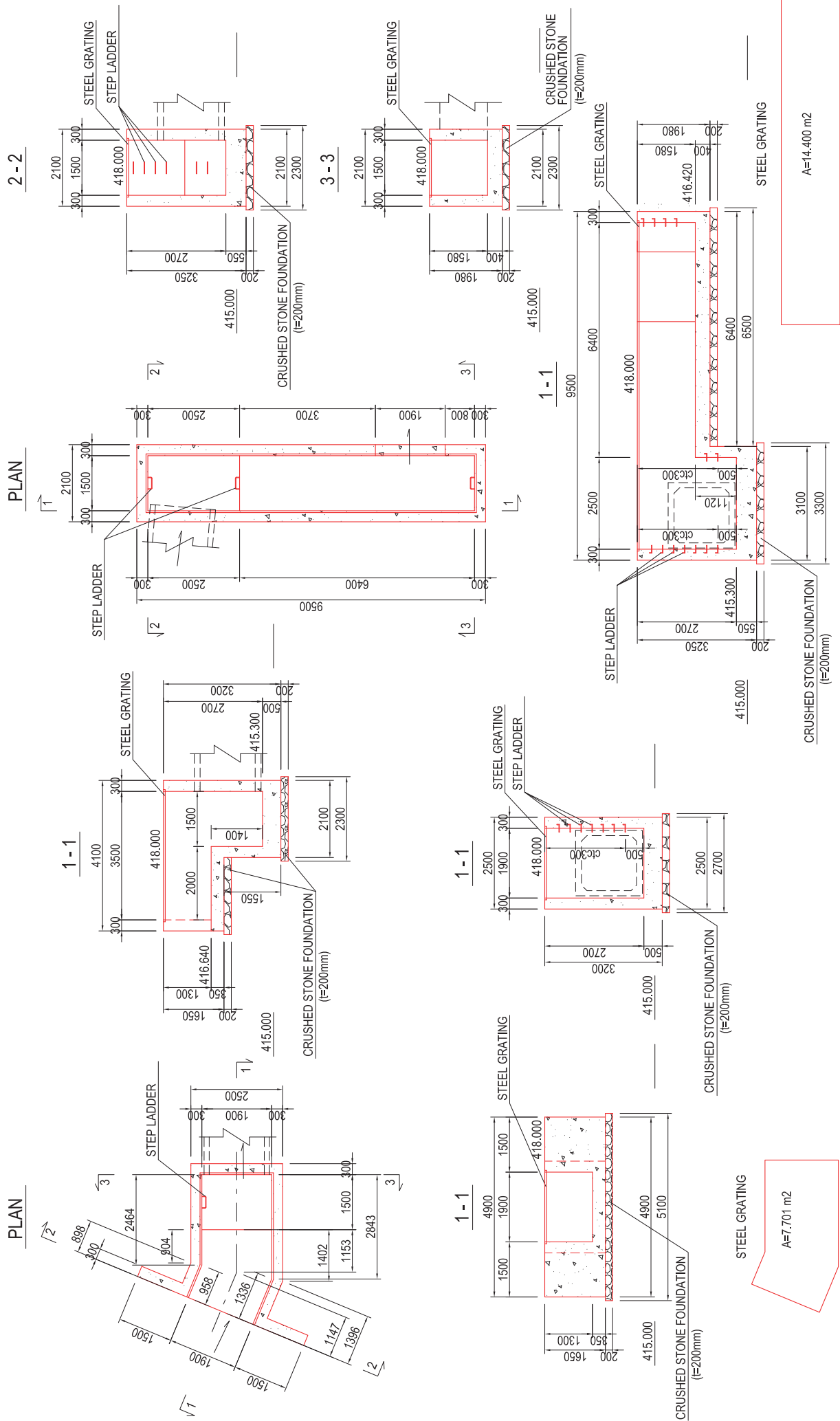


TYPICAL CROSS SECTION S=1:25



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.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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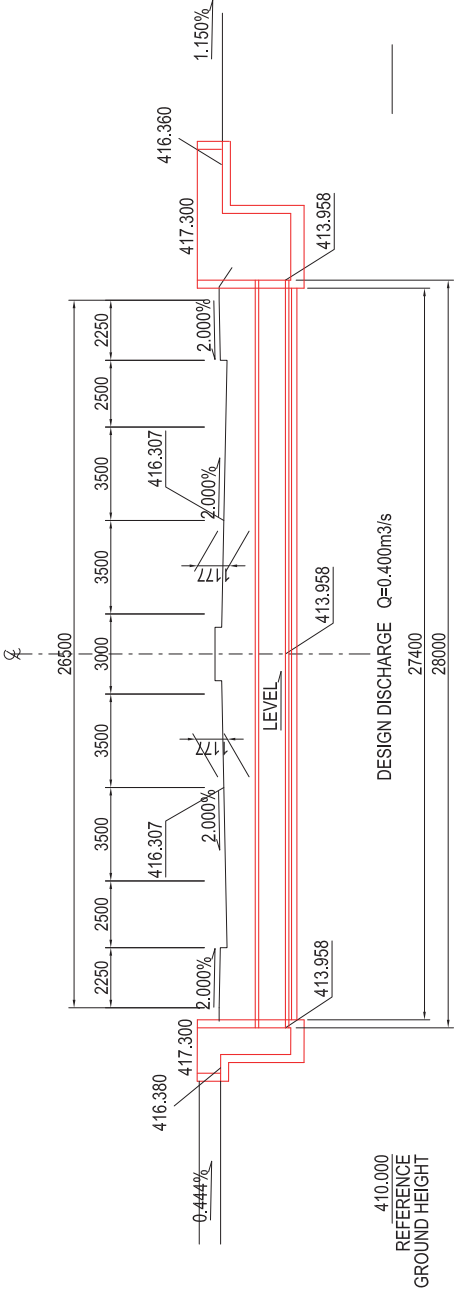
NO.4 SIPHON TYPE BOX CULVERT FOR IRRIGATION
GENERAL DRAWINGS (2) S=1:50
LEFT SIDE (UPSTREAM SIDE) **RIGHT SIDE (DOWNSTREAM SIDE)**



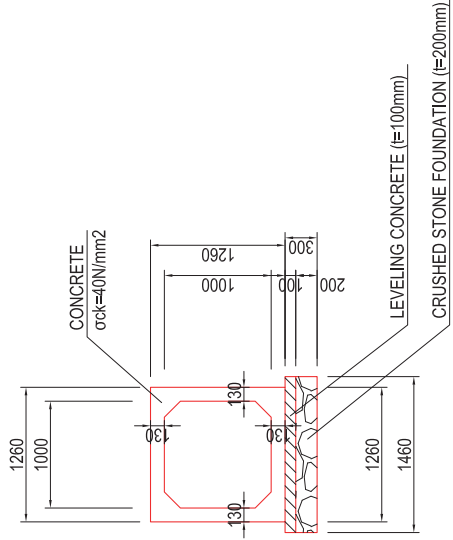
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.4 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (2)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:50	DATE	DRAWING NO. SB-08	SHEET NO. 8/16
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NO.5 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (1)

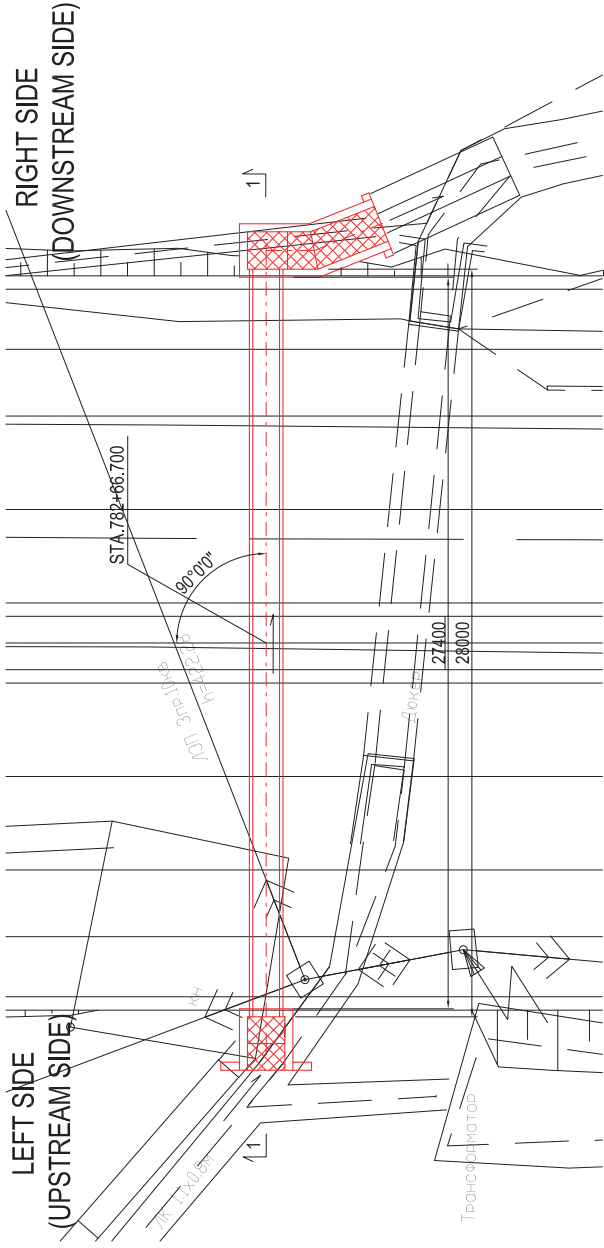
1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



PLAN S=1:100

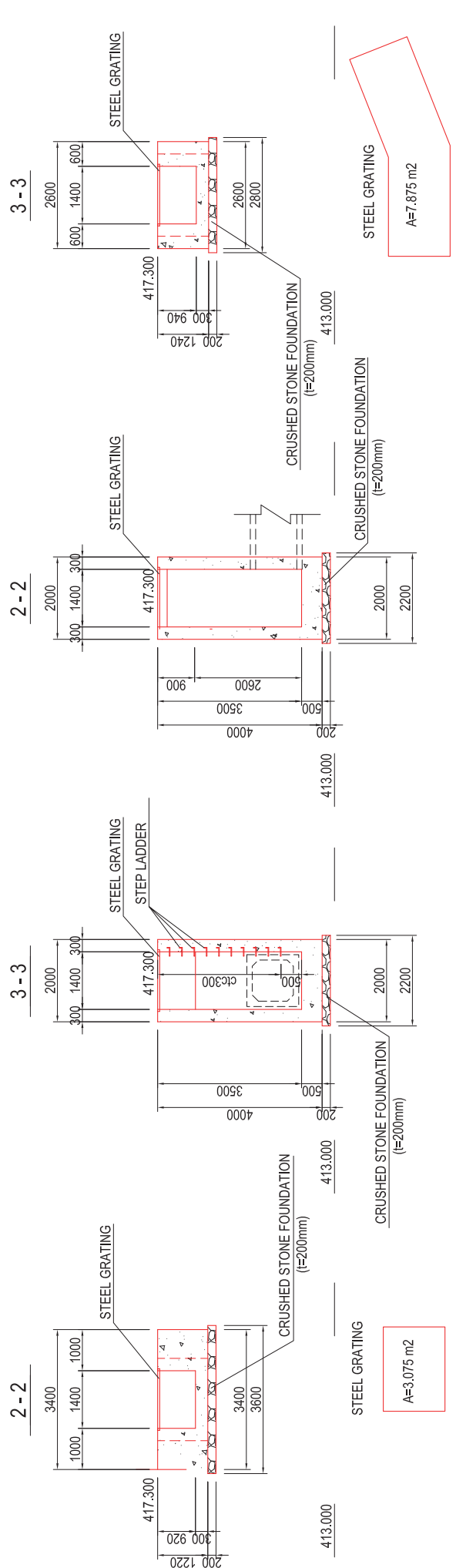
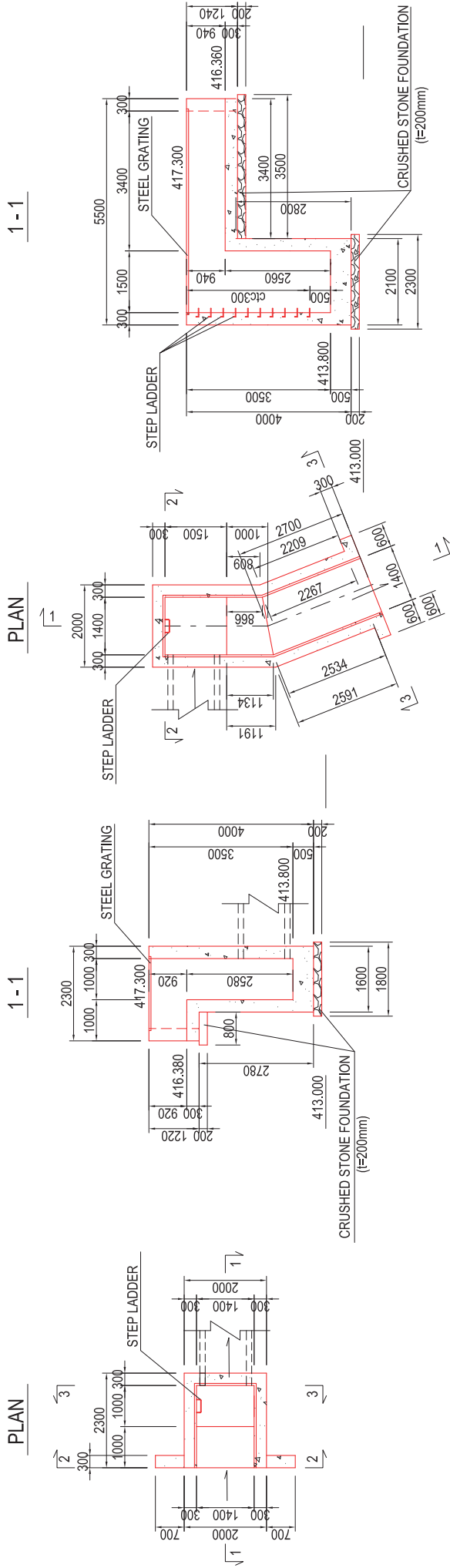


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.5 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (1)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE	DRAWING NO. SB-06	SHEET NO. 9/16
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NO.5 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (1) S=1:50

LEFT SIDE
(UPSTREAM SIDE)

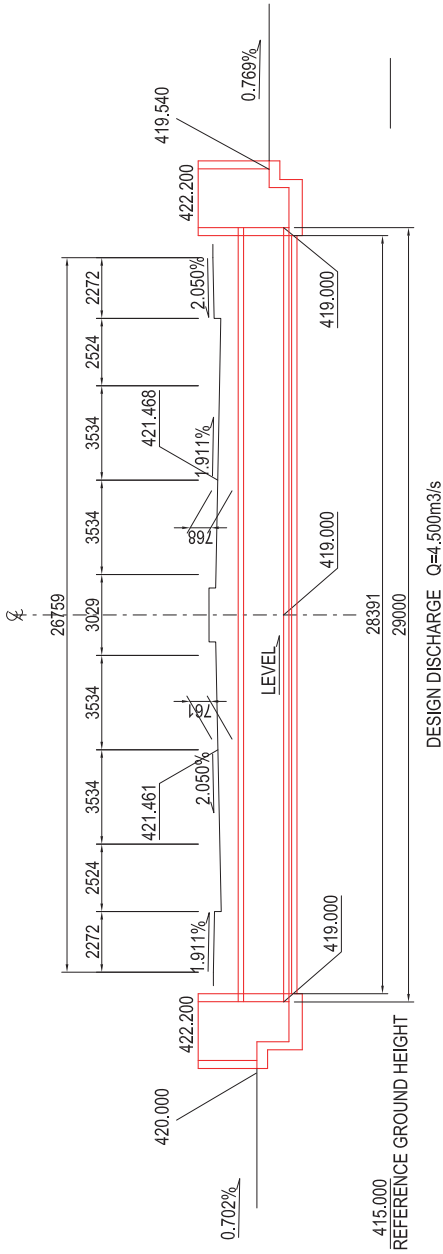
RIGHT SIDE
(DOWNSTREAM SIDE)



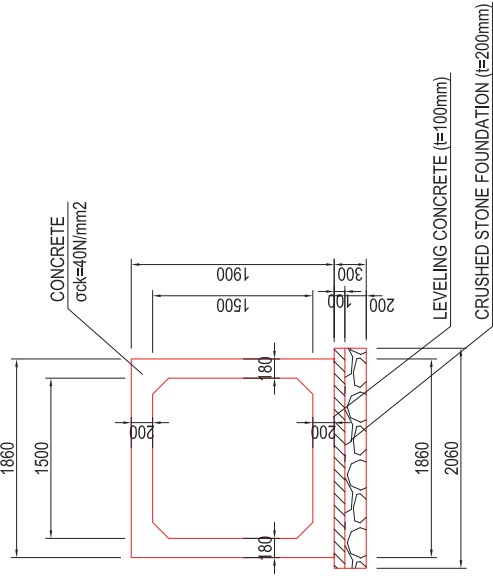
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.5 SIPHON TYPE BOX CULVERT 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)

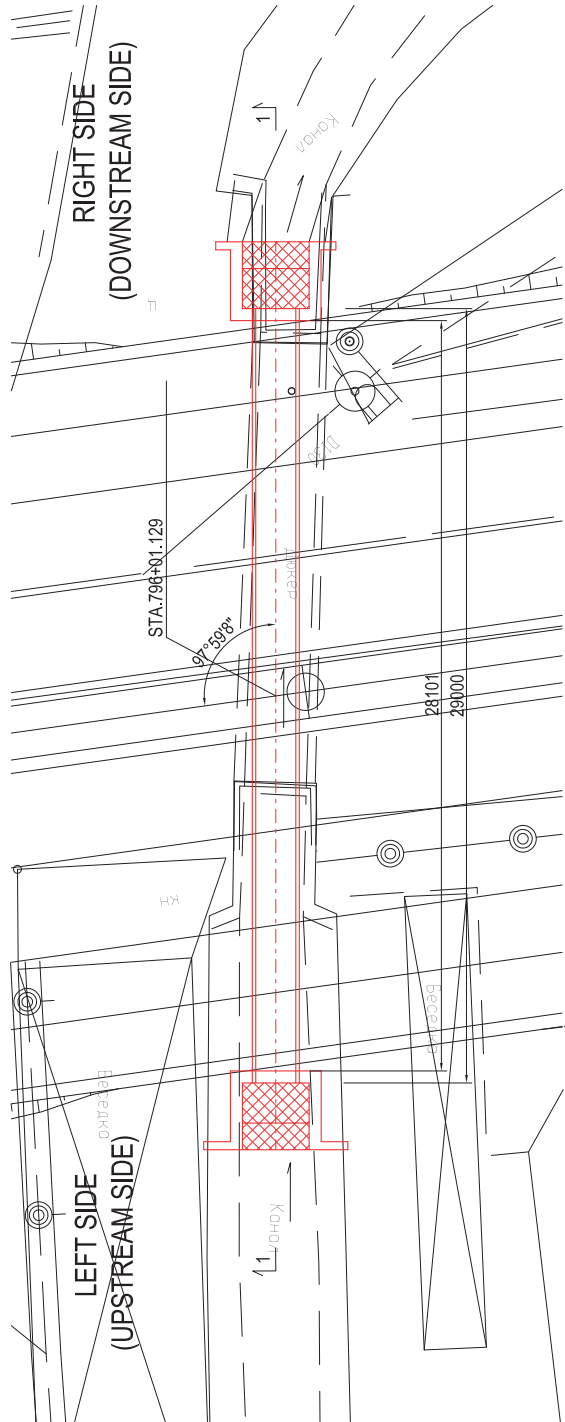
1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



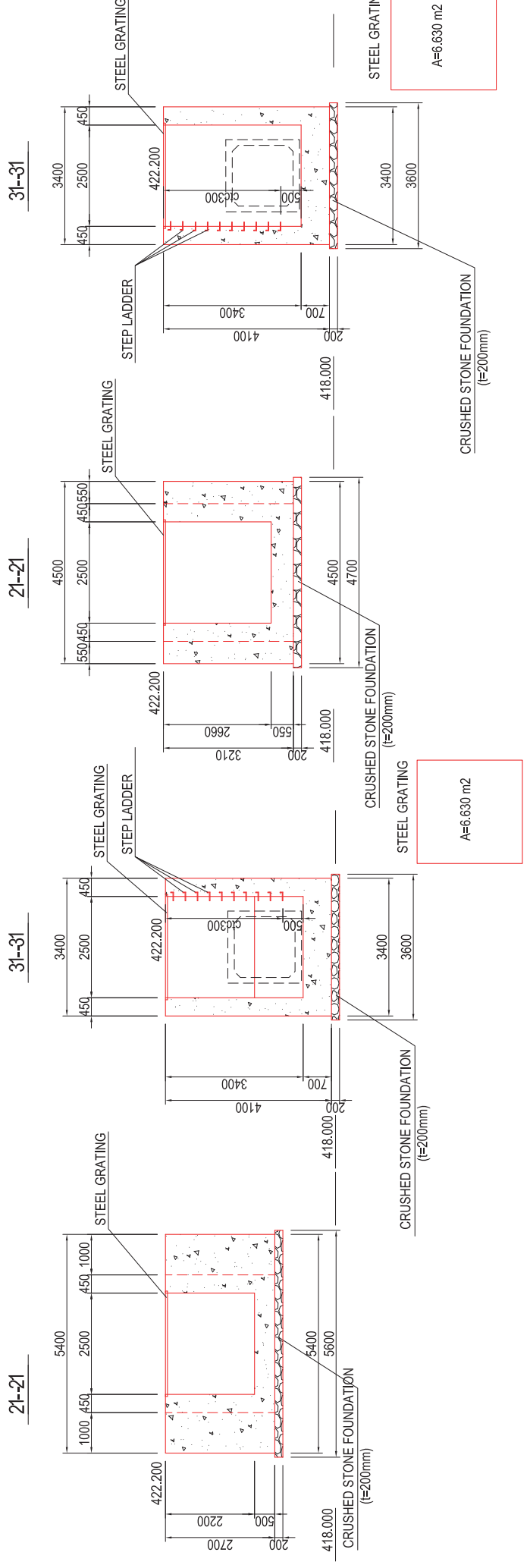
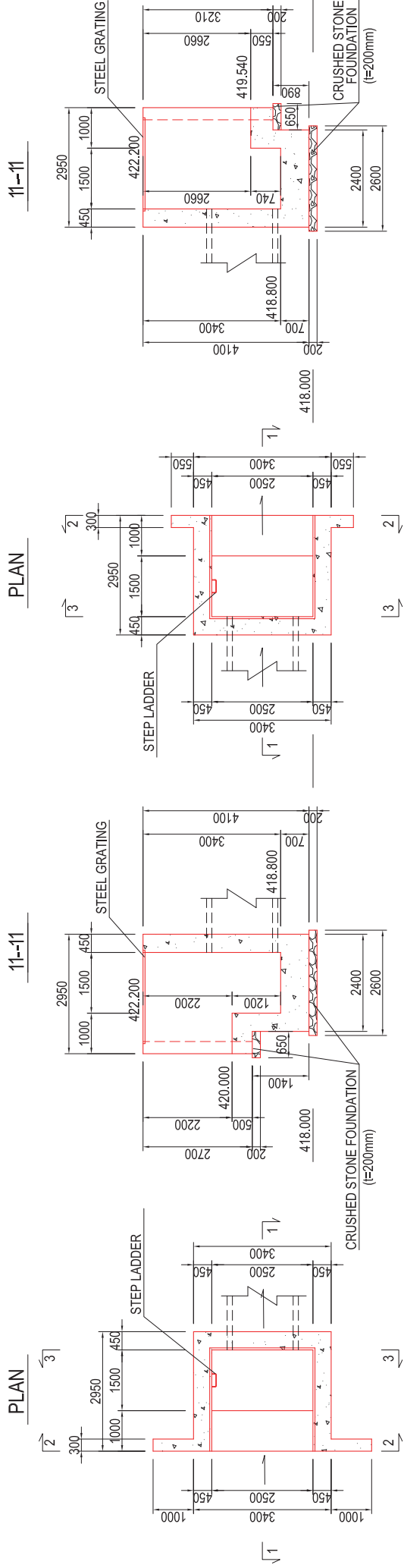
PLAN S=1:100



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.6 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (1)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE	DRAWING NO. SB-11	SHEET NO. 11/16
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NO.6 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (2) S=1:50

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



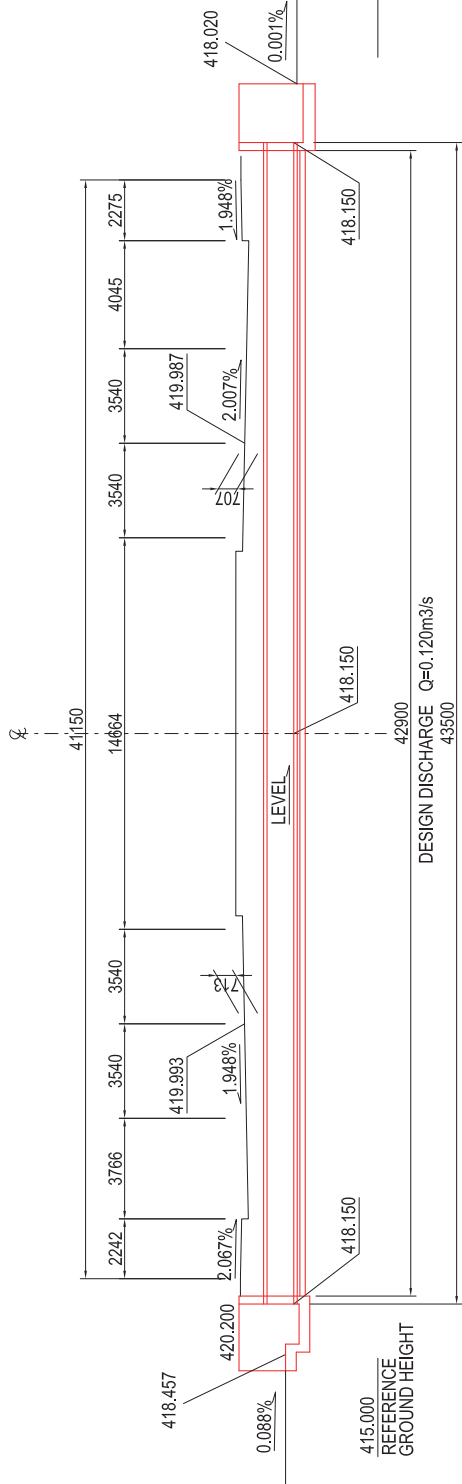
A=6.630 m²

A=6.630 m²

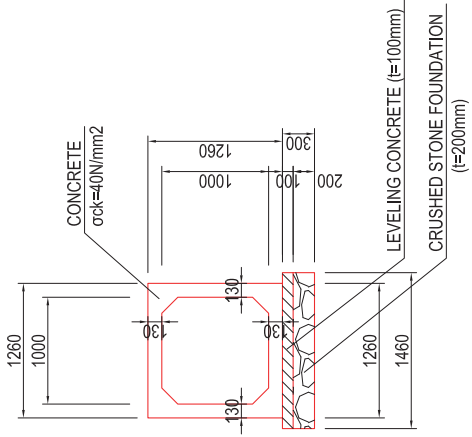
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.6 SIPHON TYPE BOX CULVERT 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)

1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



RIGHT SIDE
(DOWNSTREAM SIDE)

PLAN S=1:100

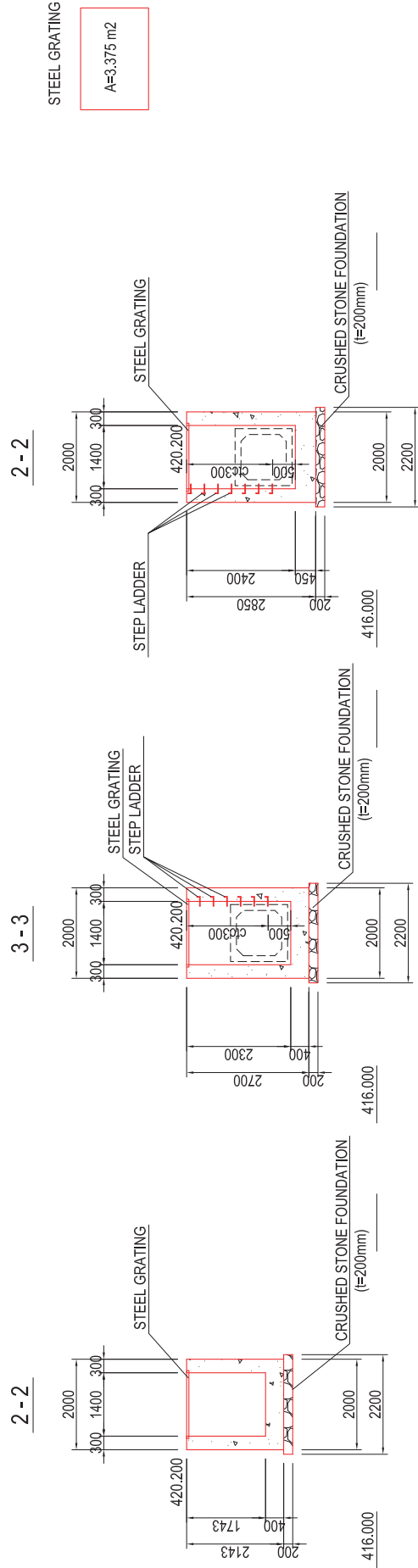
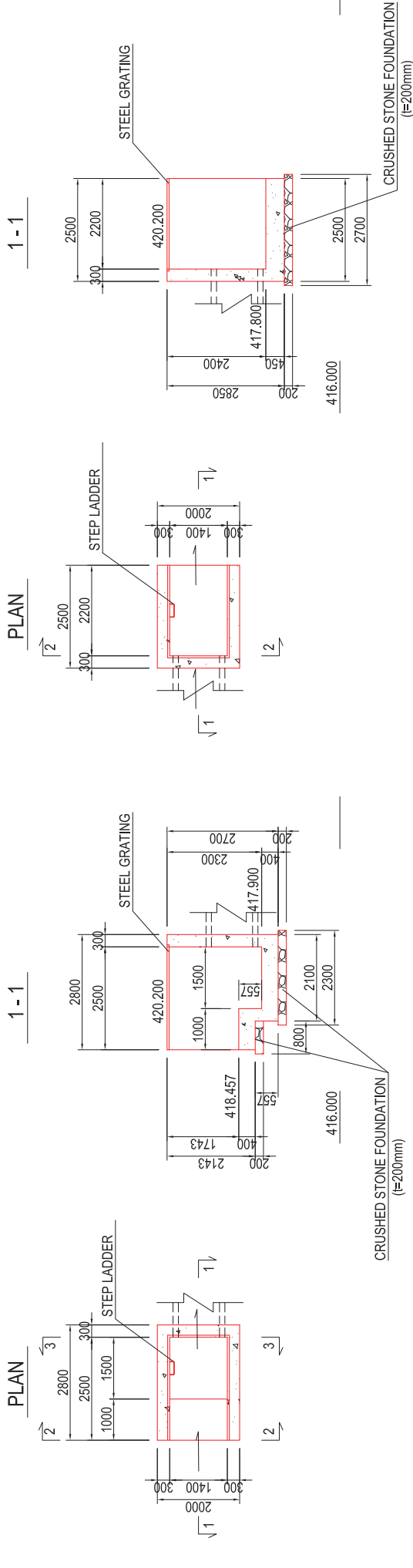


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.7 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (1)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE	DRAWING NO. SB-13	SHEET NO. 13/16
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NO.7 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (2) S=1:50

LEFT SIDE
(UPSTREAM SIDE)

RIGHT SIDE
(DOWNSTREAM SIDE)



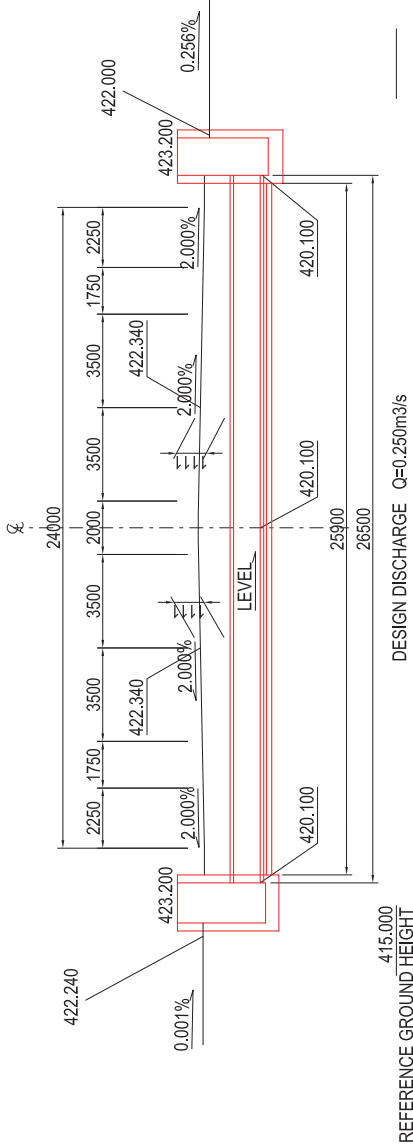
STEEL GRATING
A=3.825 m²

STEEL GRATING
A=3.375 m²

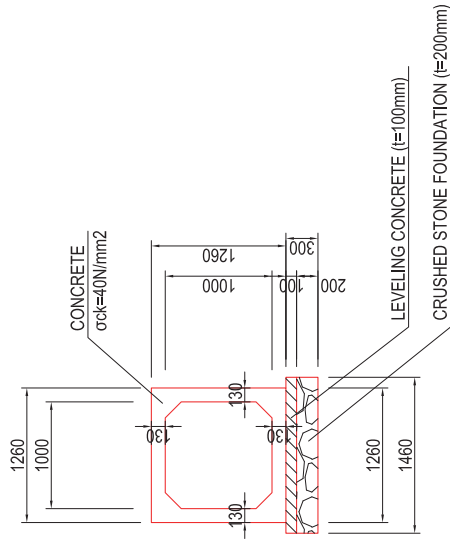
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.7 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (2)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:50	DATE	DRAWING NO. SB-14	SHEET NO. 14/16
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NO.8 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (1)

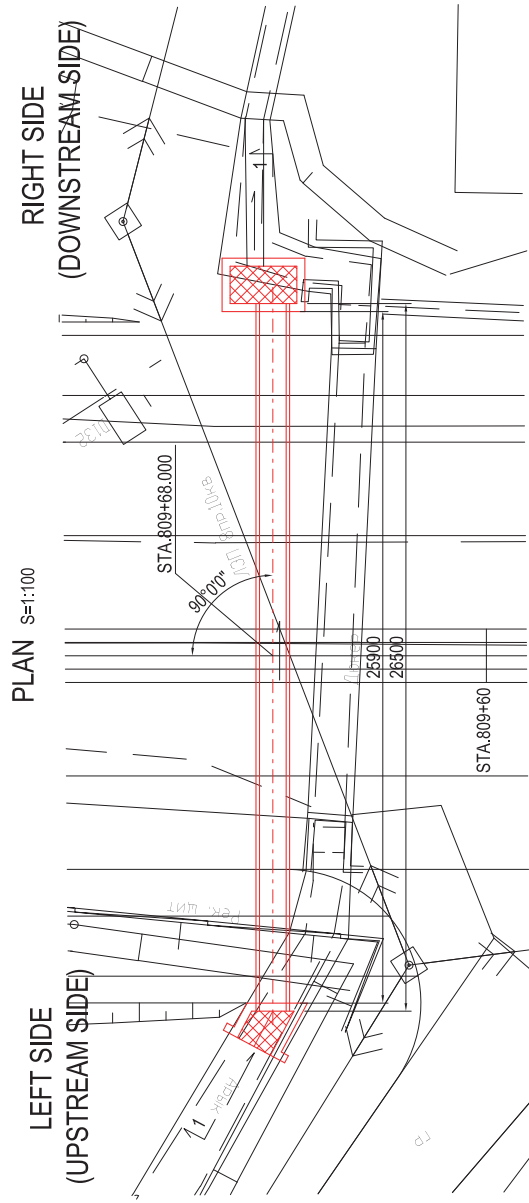
1-1 SECTION S=1:100



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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NO.8 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (2) S=1:50

LEFT SIDE
(UPSTREAM SIDE)

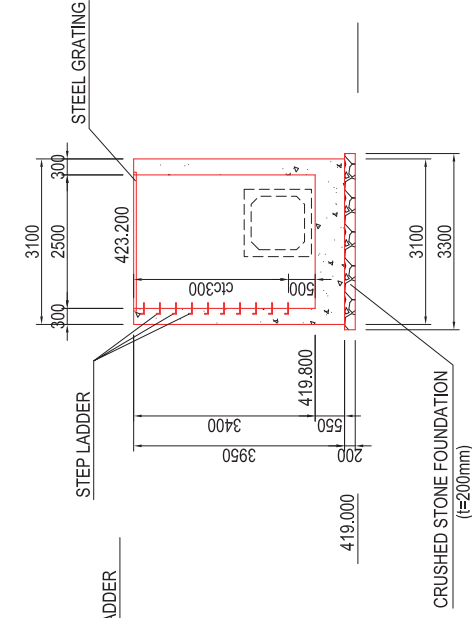
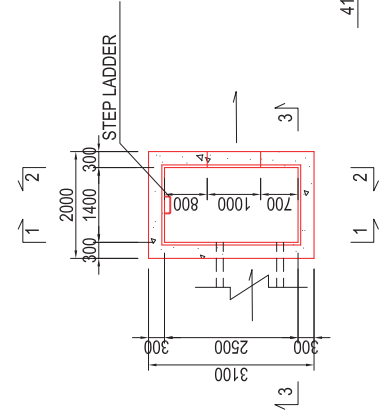
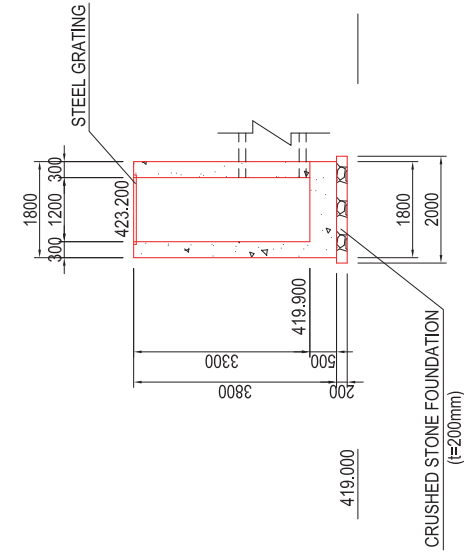
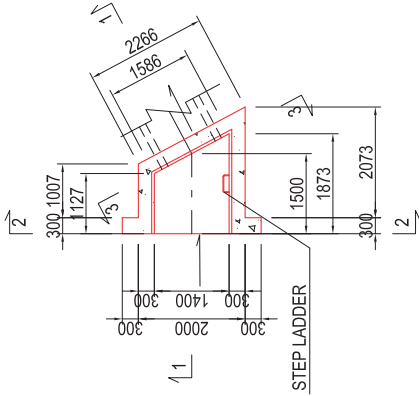
RIGHT SIDE
(DOWNSTREAM SIDE)

PLAN

1 - 1

PLAN

1 - 1

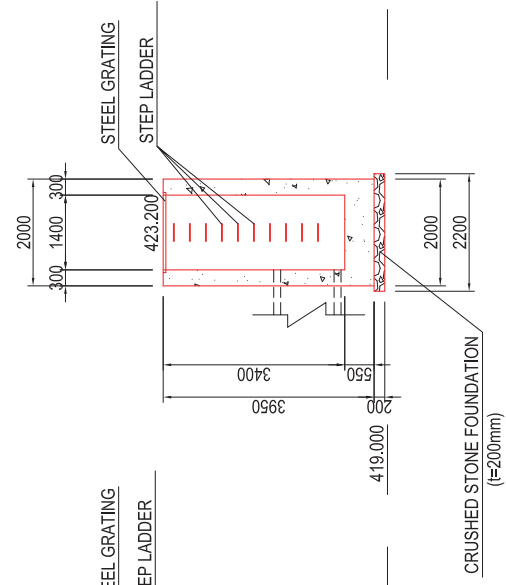
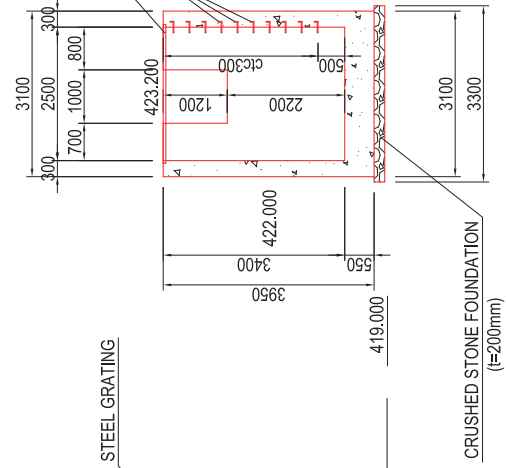
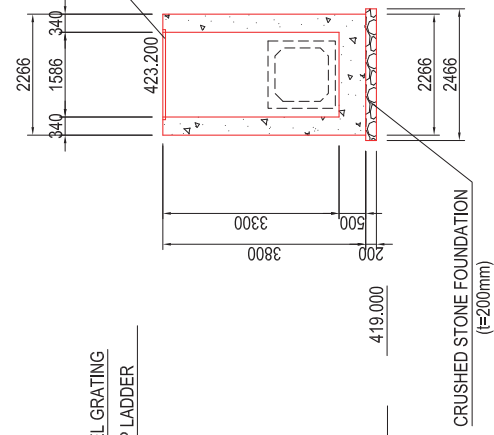
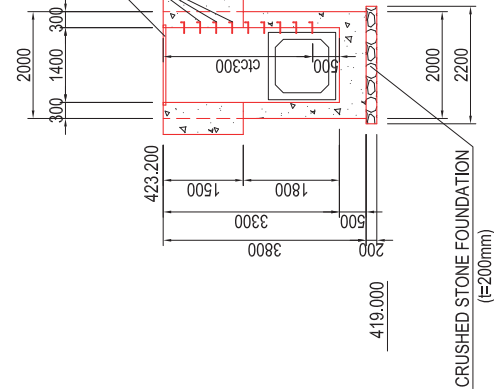


2 - 2

3 - 3

2 - 2

3 - 3



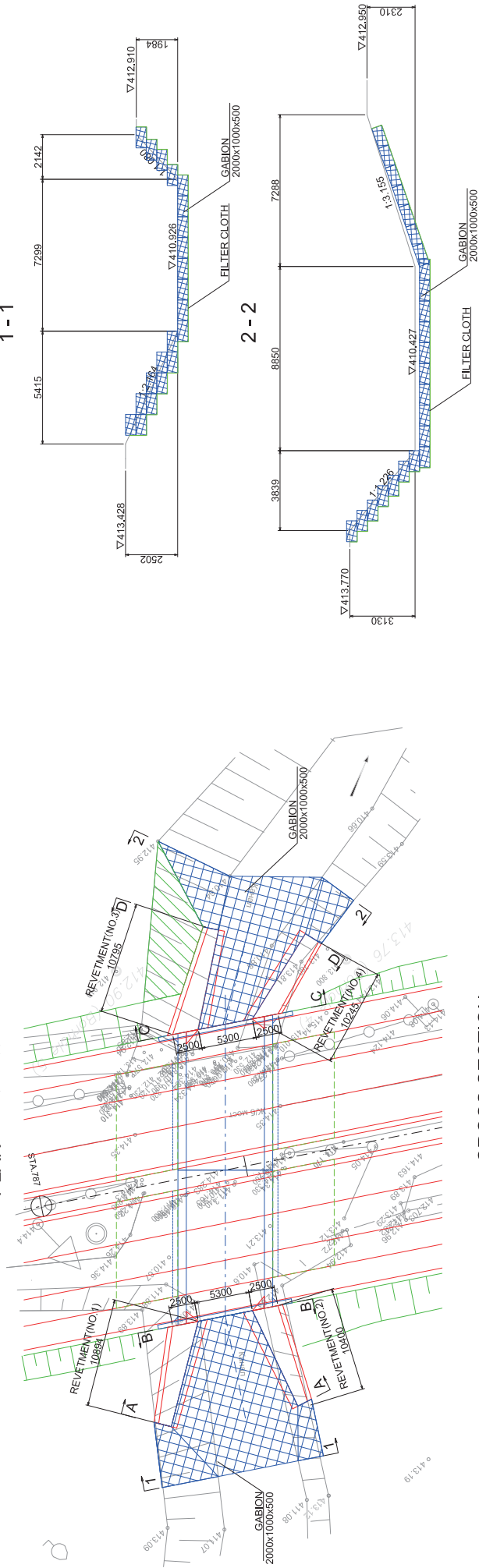
STEEL GRATING
A=2.335 m²

STEEL GRATING
A=3.900 m²

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

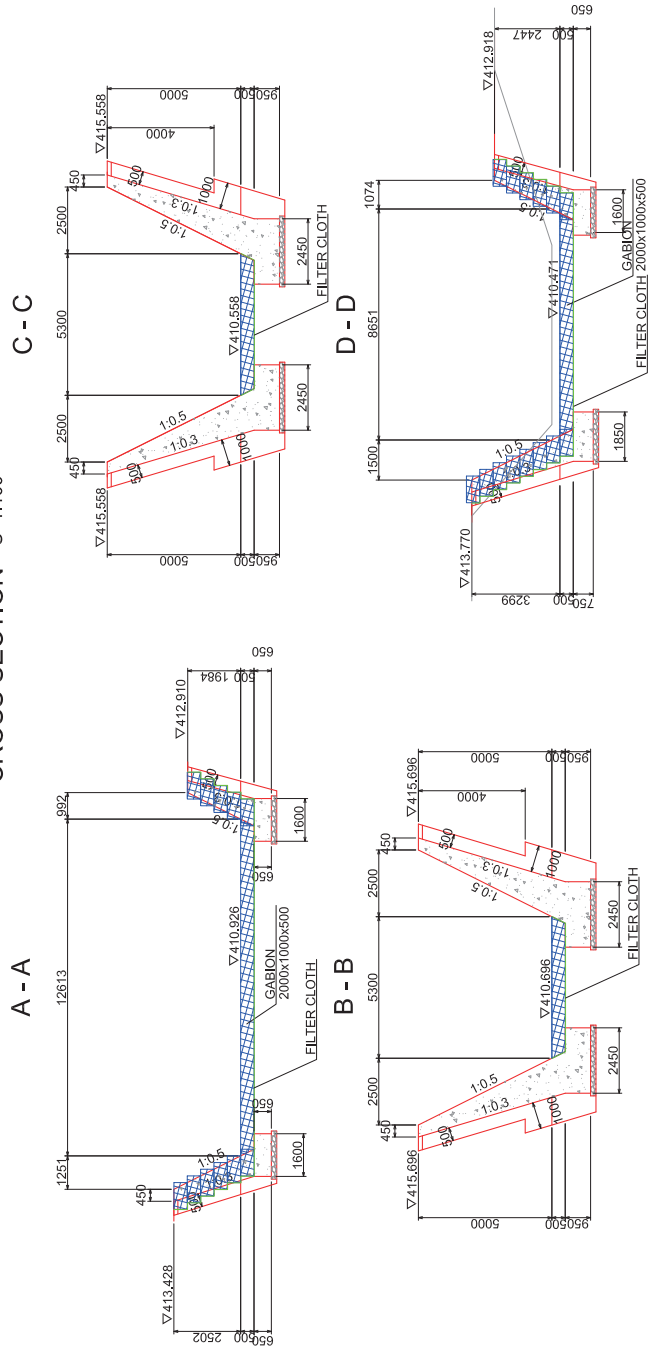
CROSS SECTION S=1:100

PLAN S=1:200



CROSS SECTION S=1:100

STANDARD CROSS SECTION OF REVETMENT S=1:50

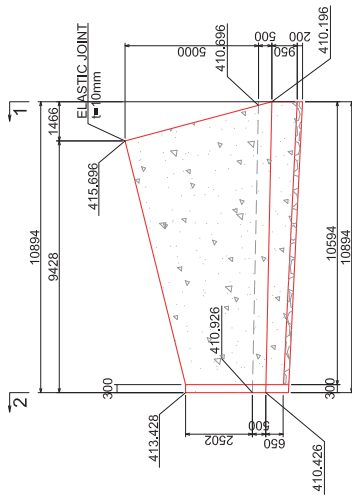


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: REVTMENT (NO.15 BOX CULVERT) 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)

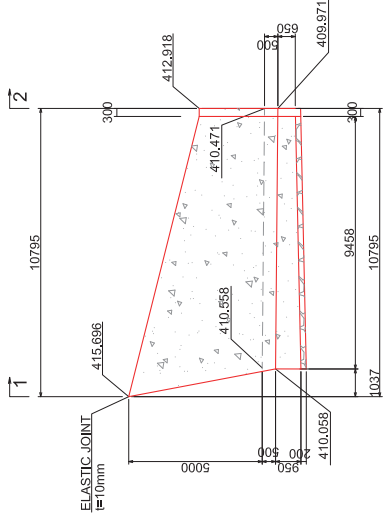
FRONT VIEW S=1:100



DL=+0.05.000

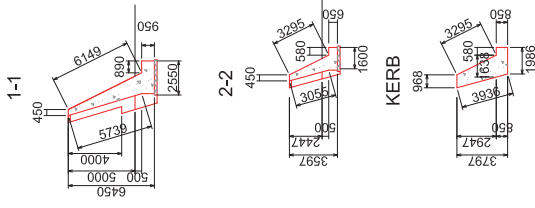
REVETMENT(NO.3)

ELEVATION S=1:100



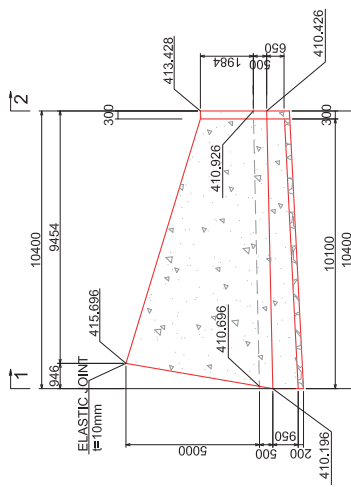
DL=+0.05.000

SECTION S=1:200



REVETMENT(NO.2)

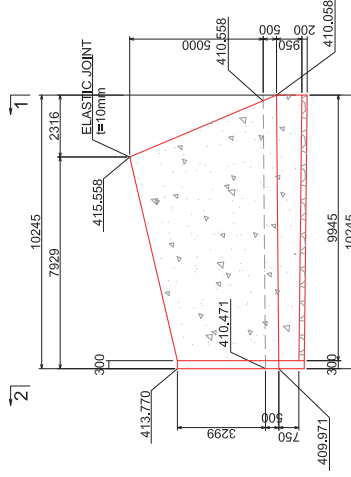
FRONT VIEW S=1:100



DL=+0.05.000

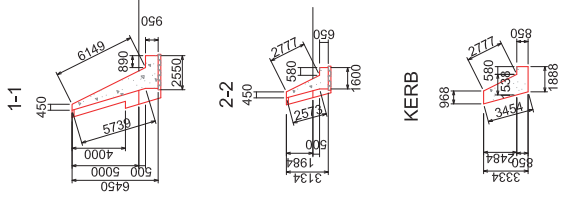
REVETMENT(NO.4)

ELEVATION S=1:100



DL=+0.05.000

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
CTI ENGINEERING INTERNATIONAL CO., LTD.

TITLE:
REVETMENT (NO.15 BOX CULVERT)
GENERAL DRAWINGS (2)

CHECKED APPROVED SCALE (A1 SIZE) S=1:200 S=1:100

DATE

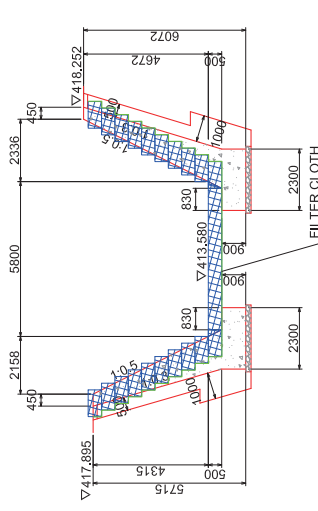
DRAWING NO. RV-02

SHEET NO. 2/5

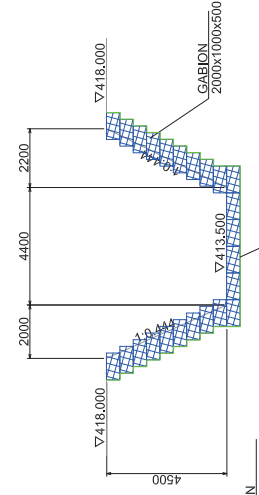
REVETMENT (NO.16 BOX CULVERT) GENERAL DRAWINGS (1)

CROSS SECTION S=1:100

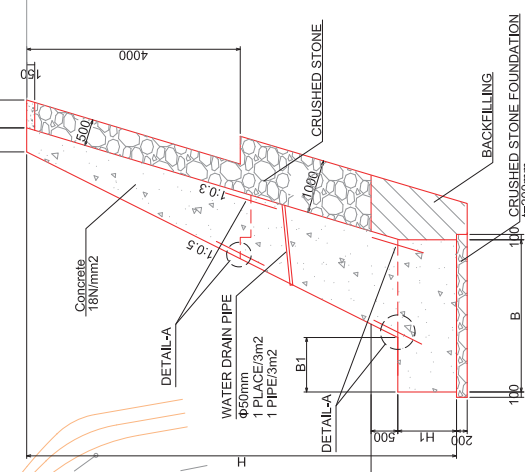
3 - 3



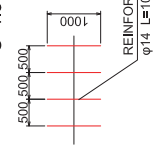
4 - 4



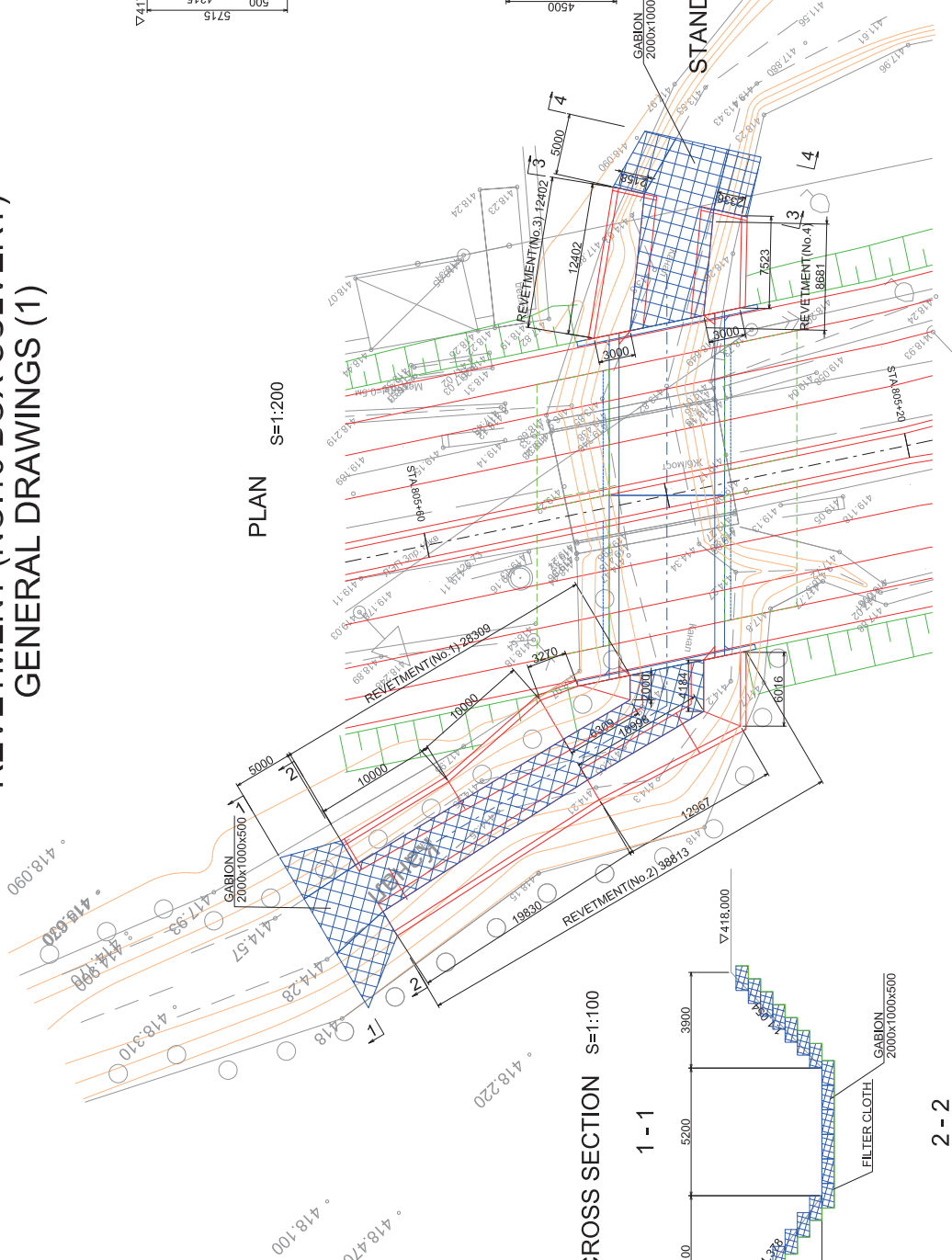
STANDARD CROSS SECTION OF REVETMENT S=1:50



DETAIL-A S=1:50

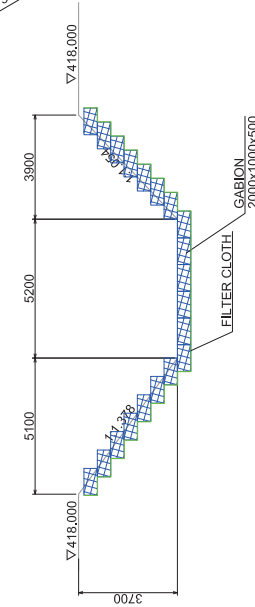


PLAN S=1:200

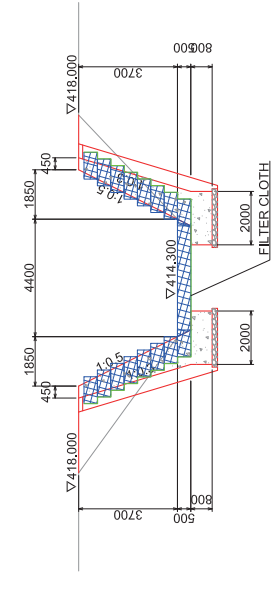


CROSS SECTION S=1:100

1 - 1



2 - 2

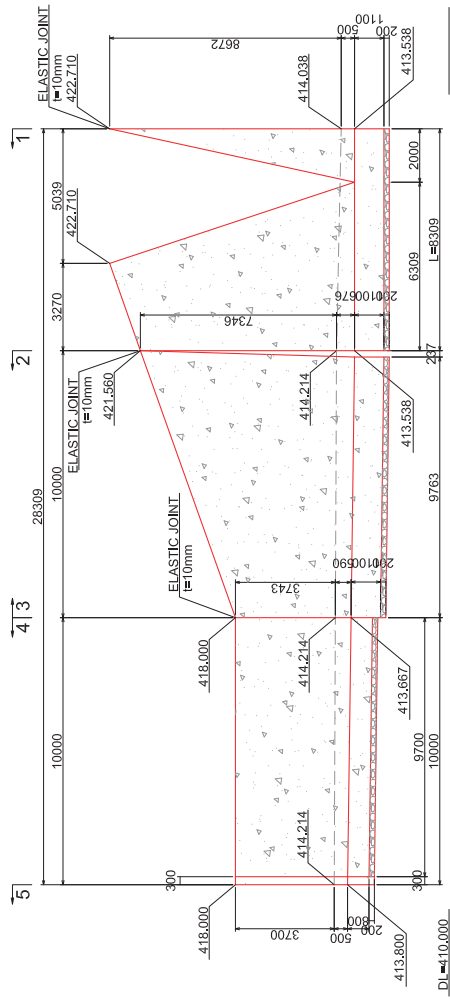


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: REVETMENT (NO.16 BOX CULVERT) 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
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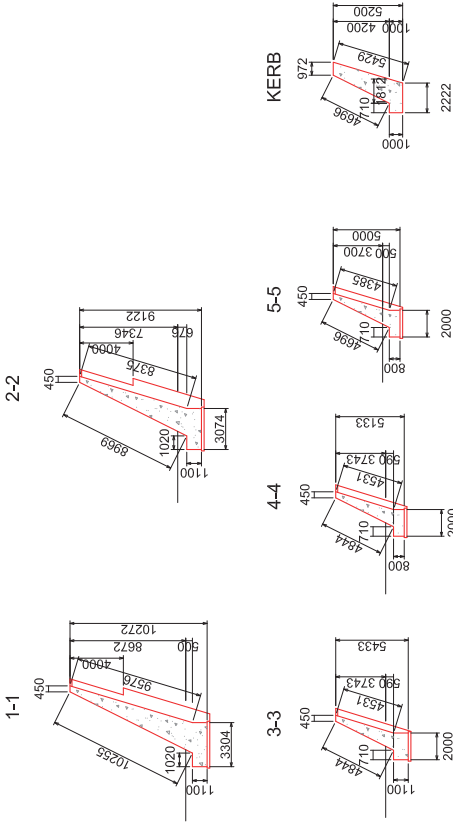
REVETMENT (NO.16 BOX CULVERT) GENERAL DRAWINGS (2)

REVETMENT (NO.1)

FRONT VIEW S=1:100

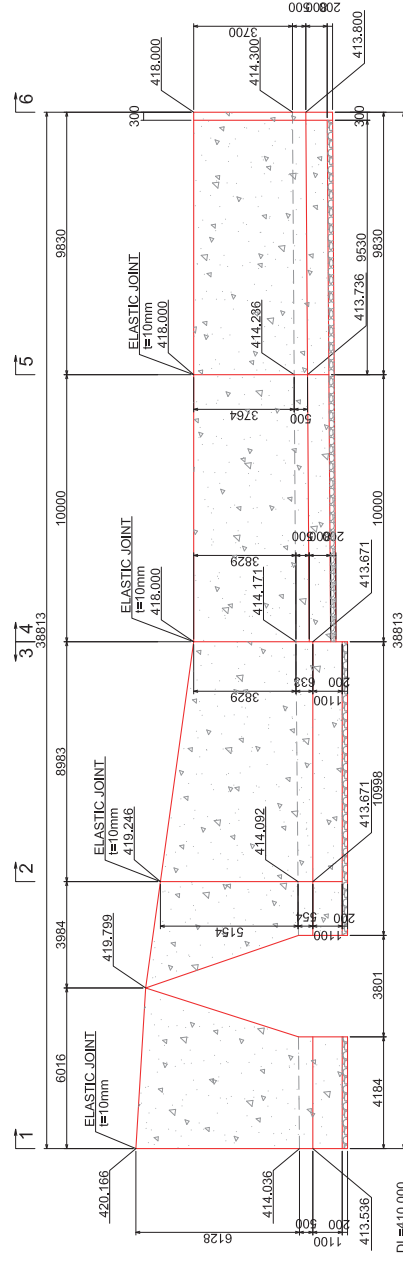


SECTION S=1:200

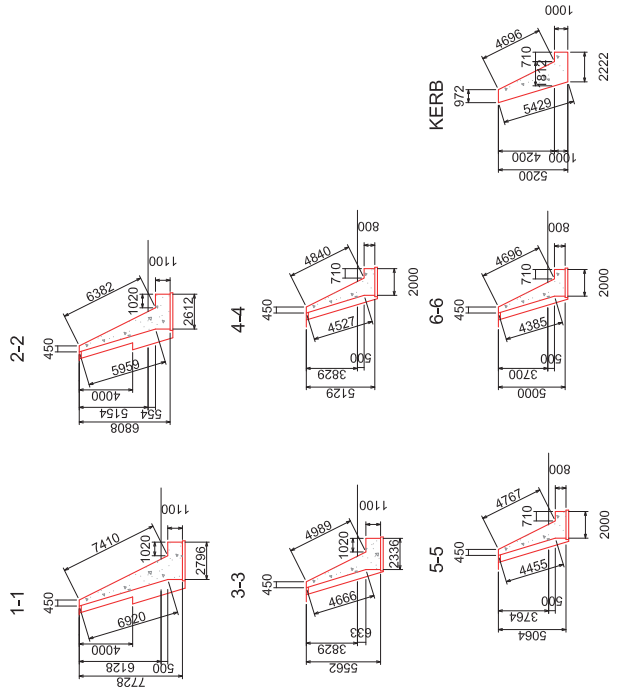


REVETMENT (NO.2)

FRONT VIEW S=1:100



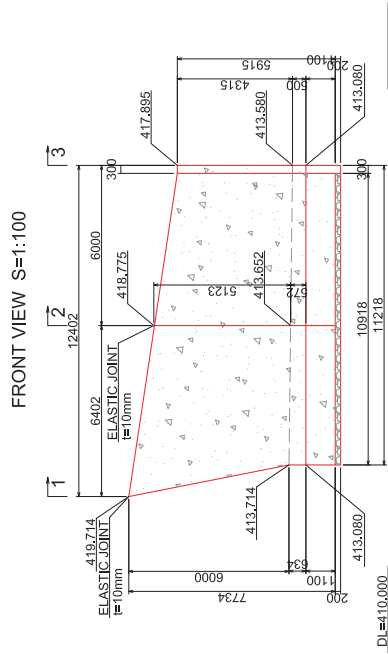
SECTION S=1:200



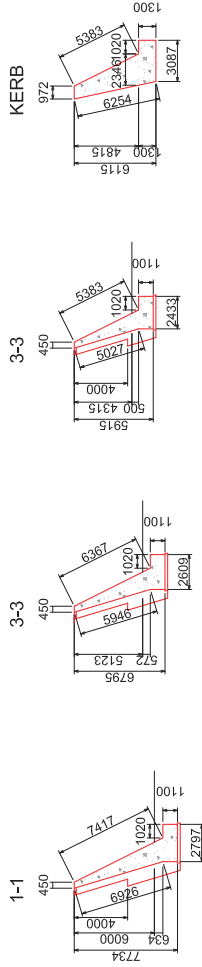
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: REVETMENT (NO.16 BOX CULVERT) GENERAL DRAWINGS (2)	CHECKED	APPROVED	SCALE (A1 SIZE) S=1:200 S=1:100	DATE	DRAWING NO. RV-04	SHEET NO. 4/5
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REVTMENT (NO.16 BOX CULVERT) GENERAL DRAWINGS (3)

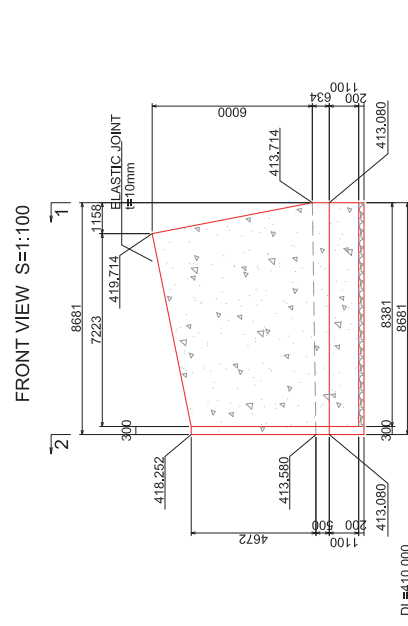
REVTMENT(NO.3)



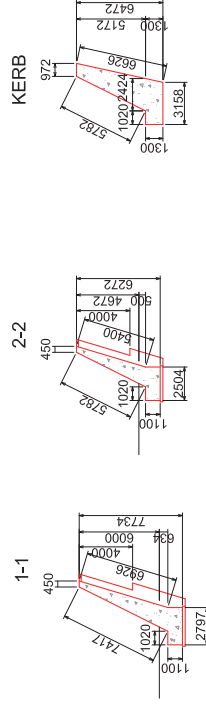
SECTION S=1:200



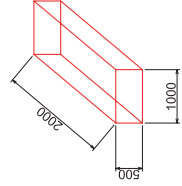
REVTMENT(NO.4)



SECTION S=1:200



GABION S=1:50
2000x1000x500

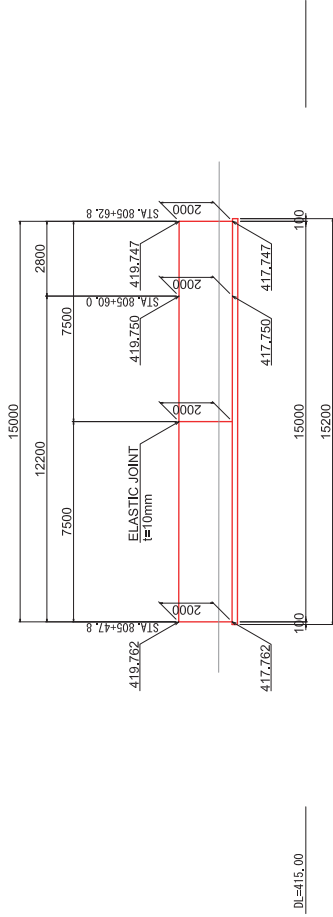


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: REVTMENT (NO.16 BOX CULVERT) 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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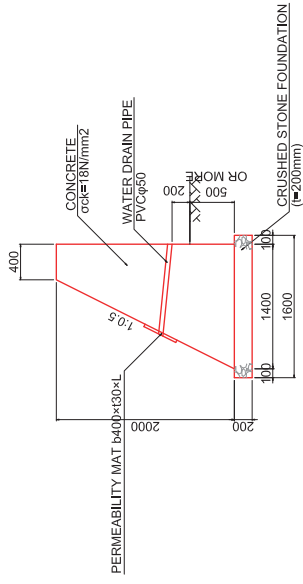
GRAVITY WALL(1)

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

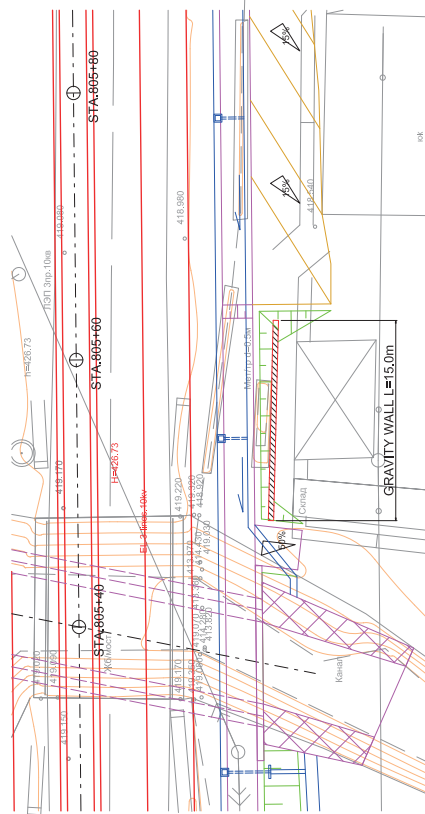
FRONT VIEW S=1:100



CROSS SECTION S=1:30



PLAN S=1:200

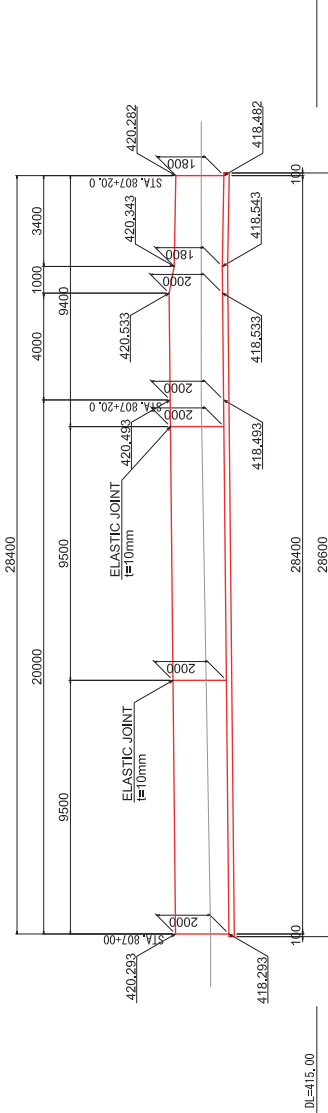


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTE ENGINEERING INTERNATIONAL CO., LTD.	TITLE: GRAVITY WALL(1)	CHECKED APPROVED SCALE (A1 SIZE) 1:30 1:100 1:200	DRAWING NO. GW-01 DATE SHEET NO. 1/3
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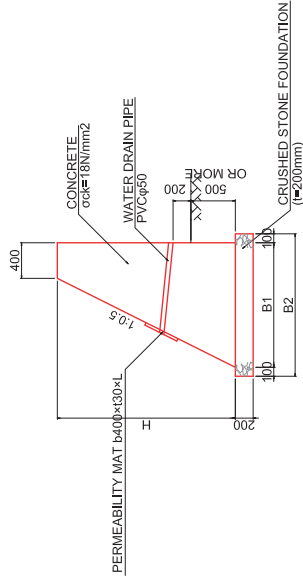
GRAVITY WALL(2)

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

FRONT VIEW S=1:100



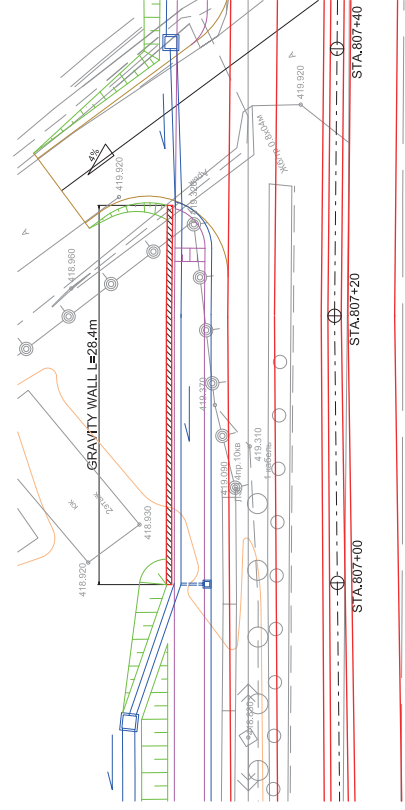
CROSS SECTION S=1:30



DIMENSION TABLE

B1	B2	H
1300	1500	1800
1400	1600	2000

PLAN S=1:200

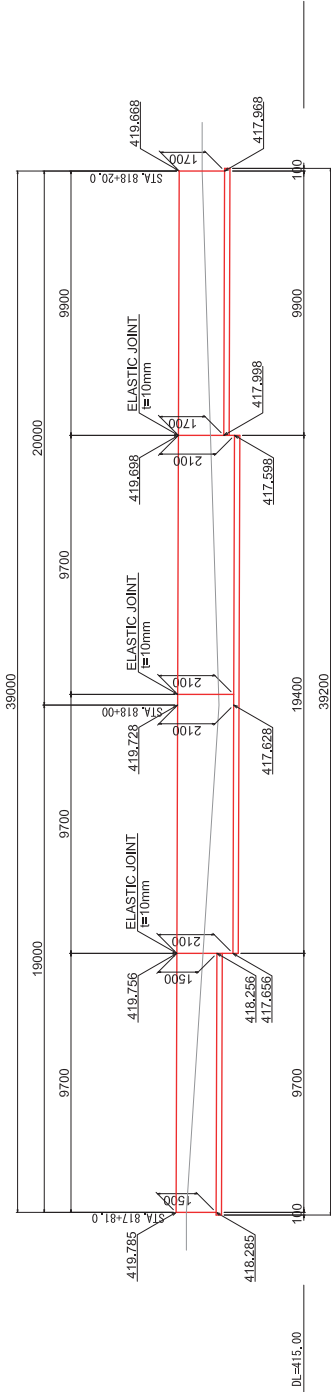


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	TITLE: GRAVITY WALL(2)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:30 1:100 1:200	DATE	DRAWING NO. GW-02	SHEET NO. 2/3
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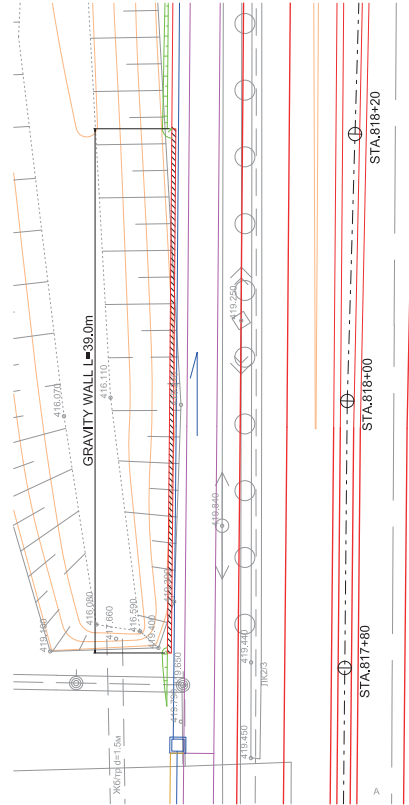
GRAVITY WALL(3)

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

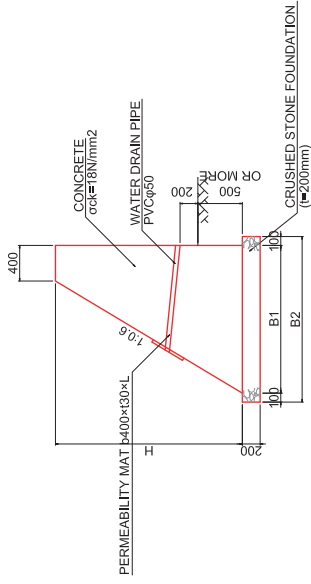
FRONT VIEW S=1:100



PLAN S=1:200



CROSS SECTION S=1:30

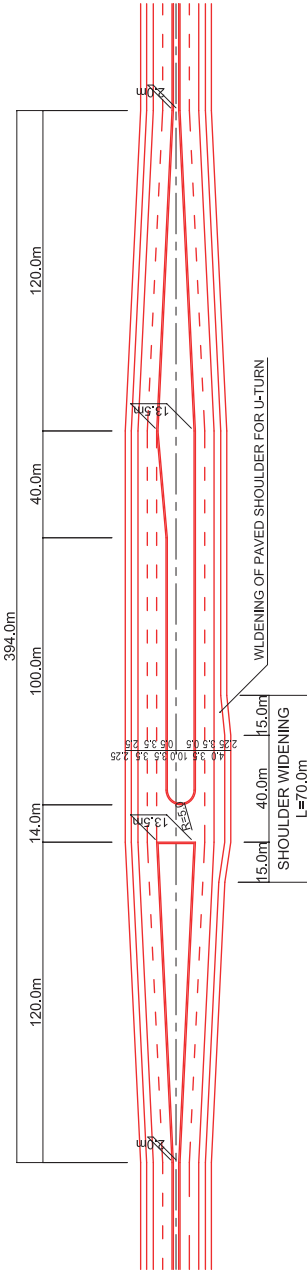


DIMENSION TABLE

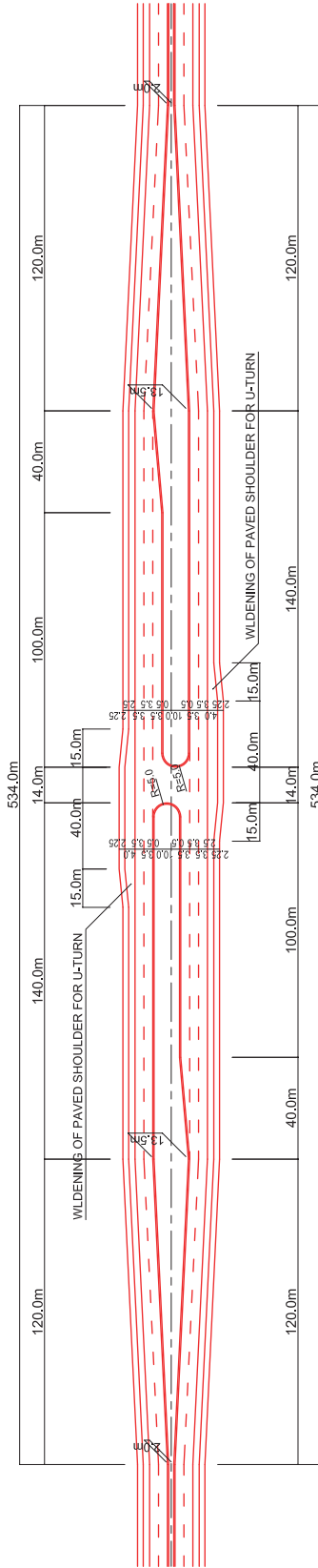
	B1	B2	H
	1300	1500	1500
	1420	1620	1700
	1660	1860	2100

U-TURN LANE GENERAL DRAWINGS S=1:1000

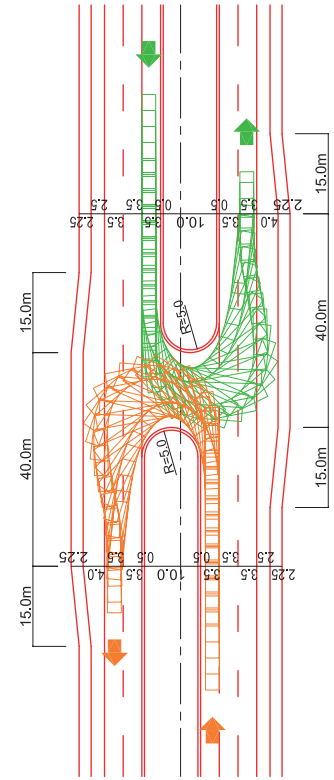
TYPE-1



TYPE-2



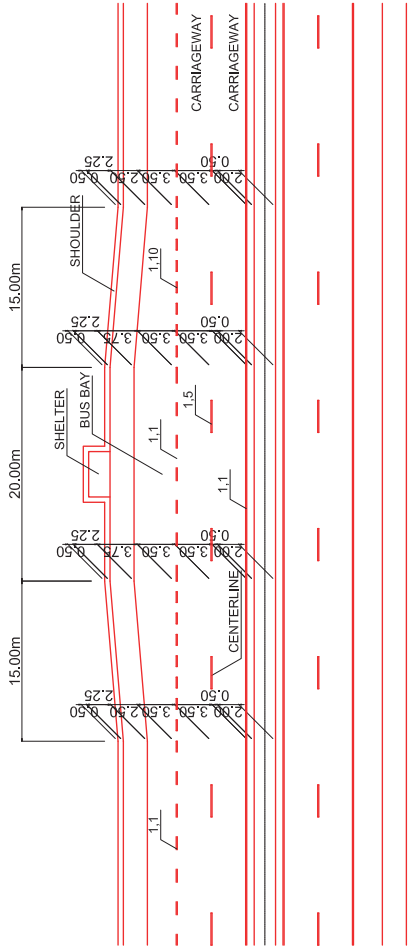
DETAIL S=1:500



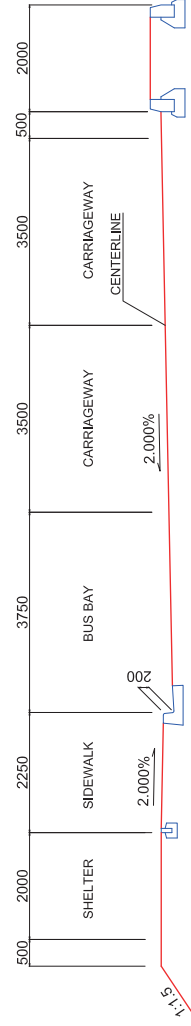
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CIT ENGINEERING INTERNATIONAL CO., LTD.	TITLE: U-TURN LANE GENERAL DRAWINGS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

BUS BAY GENERAL DRAWINGS

PLAN S=1:250

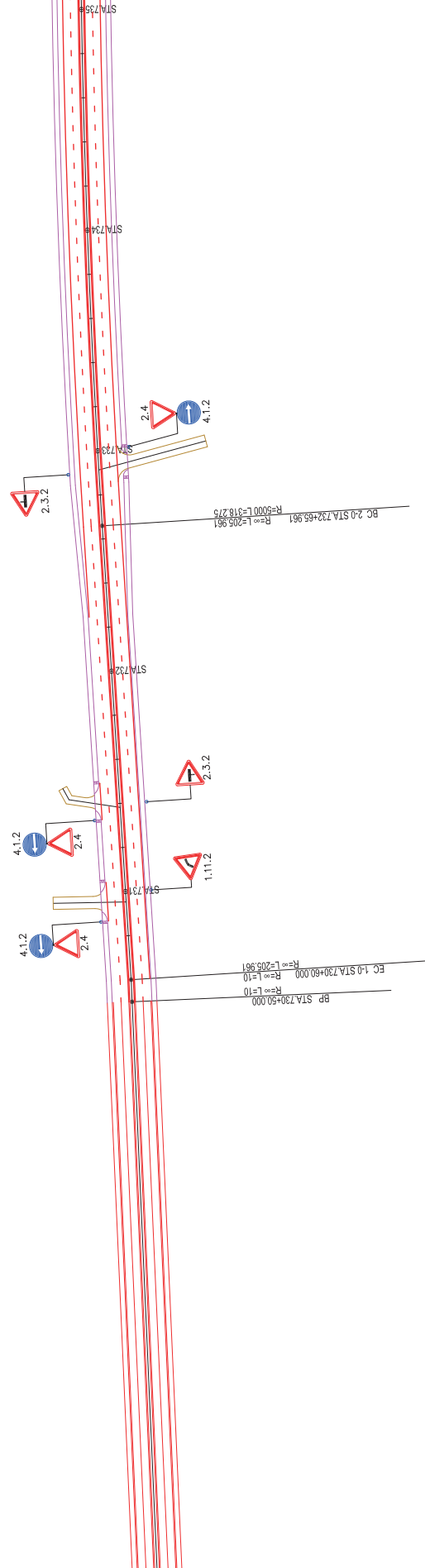
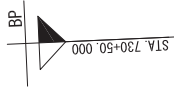


CROSS SECTION S=1:50



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 CIT ENGINEERING INTERNATIONAL CO., LTD.	TITLE: BUS BAY GENERAL DRAWINGS		CHECKED	APPROVED	SCALE (A1 SIZE) 1:50 1:250	DATE	DRAWING NO. RA-02	SHEET NO. 2/33

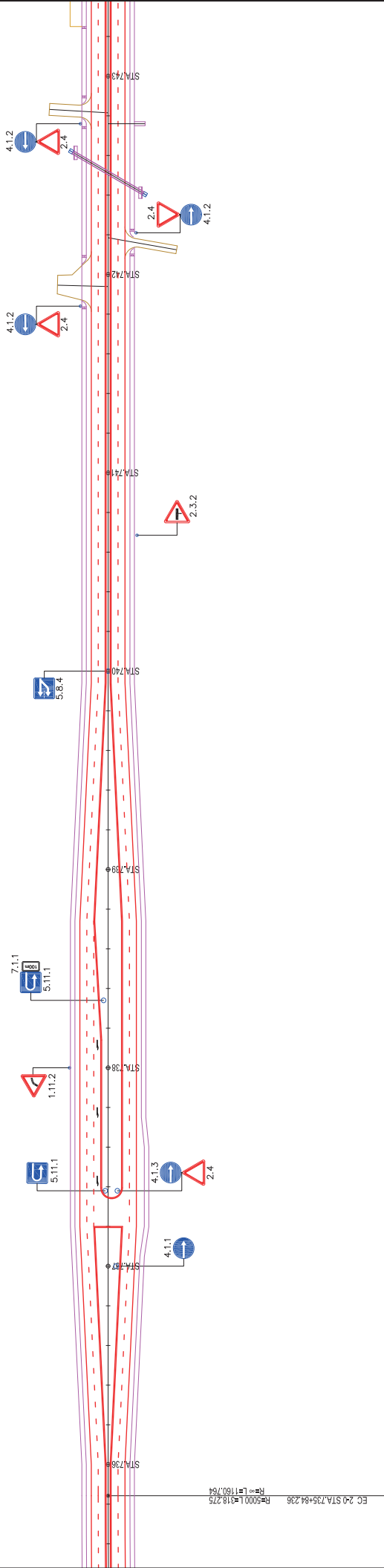
LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS(1)



EC 2-0 STA 732+65.961 R=6000 L=318.275
BP STA 730+50.000 R=∞ L=10

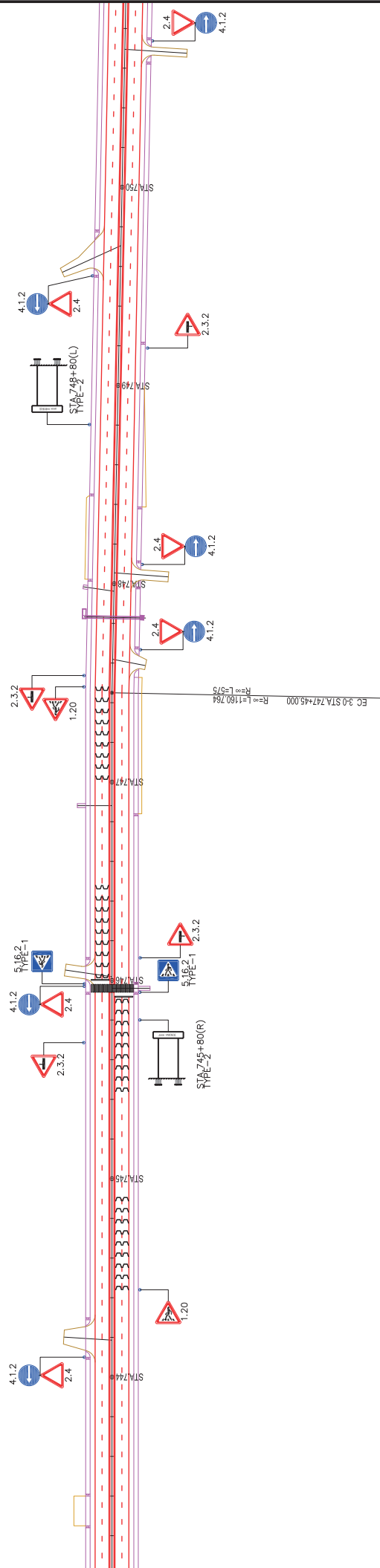
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: LAYOUT PLAN OF TYPICAL TRAFFIC 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)



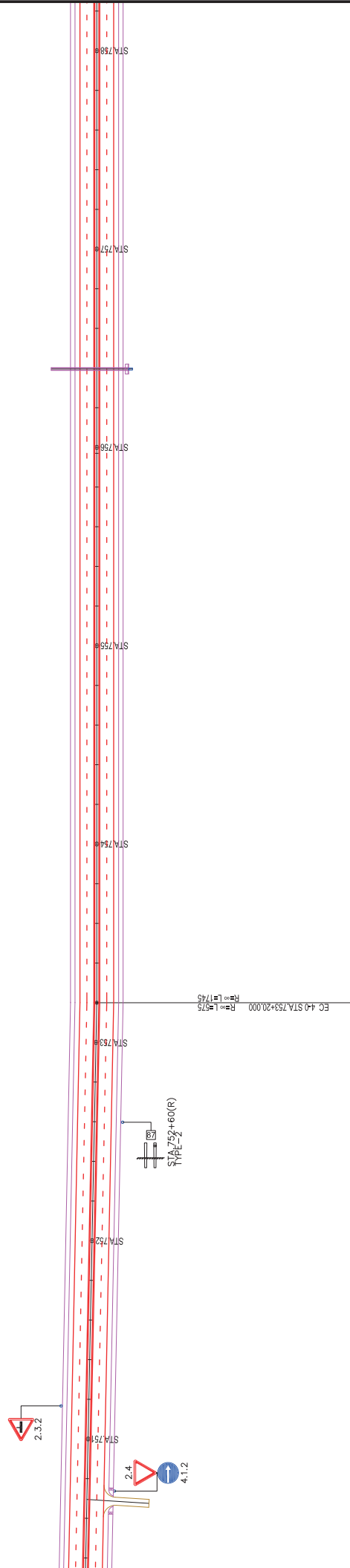
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS (2)	DRAWING NO. RA-04	DATE	SCALE (A1 SIZE) 1:1000	CHECKED	APPROVED	SHEET NO. 4/33
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LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS(3)



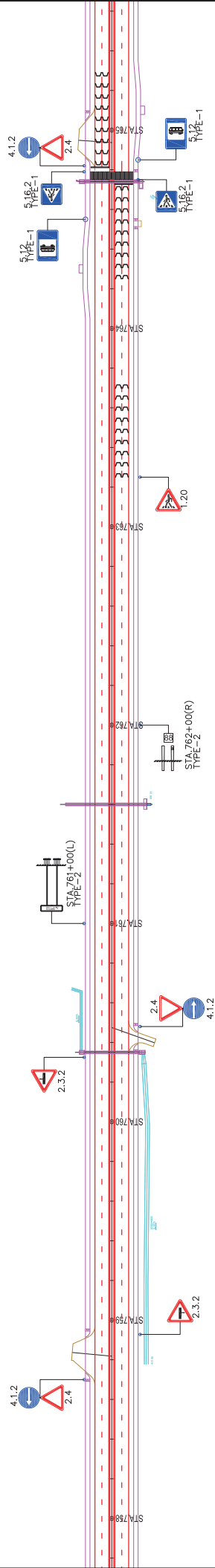
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS (3)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO. RA-05	SHEET NO. 5/33
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LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS(14)



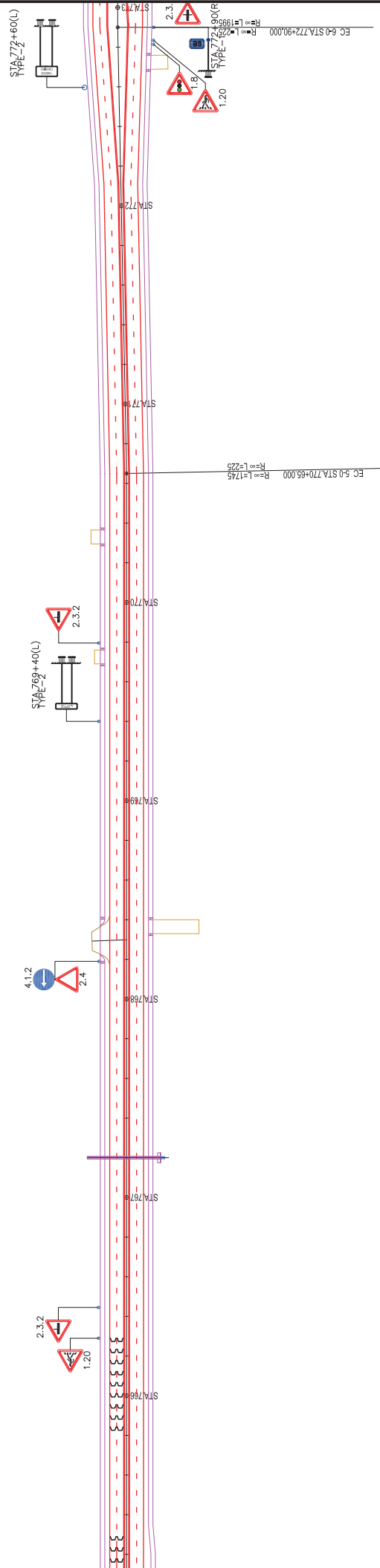
CHECKED APPROVED SCALE (A1 SIZE) 1:1000 DATE DRAWING NO. RA-06 SHEET NO. 6/33	TITLE: LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS (4)	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT
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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)	CHECKED APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO. RA-07	SHEET NO. 7/33
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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)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO. RA-08	SHEET NO. 8/33
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