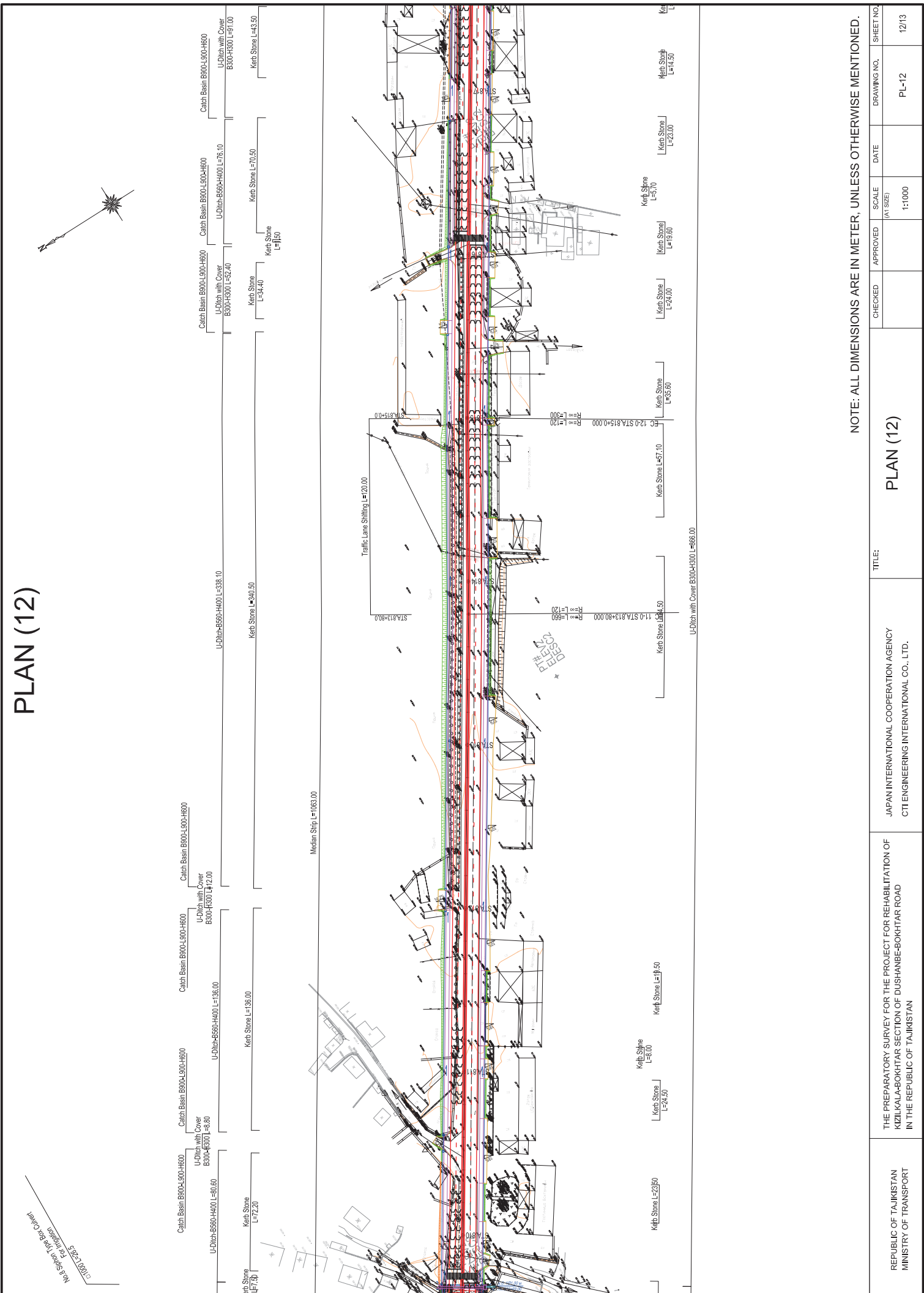


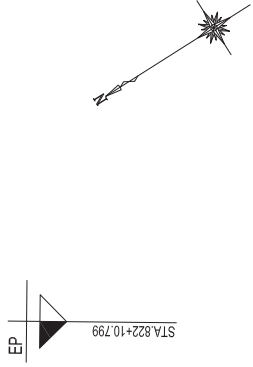
# PLAN (12)



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

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



N7 Core Drainage Run Channel  
 C1000x1000 L=129.6

M8 Core Drainage Run Channel  
 C1000x1000 L=29.6

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

200-L-900-H600

U-Ditch with Cover  
 B300xH300 L=49.00

U-Ditch-5560-H400 L=127.10

Kerb Stone L=43.50

Kerb Stone L=129.50

Kerb Stone L=222.00

Kerb Stone L=73.50

Kerb Stone L=29.90

Kerb Stone L=45.30

U-Ditch with Cover  
 B300xH300 L=96.10

U-Ditch-5560-H400 L=81.90

U-Ditch-5560-H400 L=88.40

U-Ditch-5560-H400 L=41.30

U-Ditch-5560-H400 L=81.90

U-Ditch-5560-H400 L=88.40

U-Ditch-5560-H400 L=81.90

U-Ditch-5560-H400 L=88.40

U-Ditch-5560-H400 L=81.90

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U-Ditch-5560-H400 L=88.40

U-Ditch-5560-H400 L=81.90

U-Ditch-5560-H400 L=88.40

U-Ditch-5560-H400 L=81.90

U-Ditch-5560-H400 L=88.40

Catch Basin B1800-L1800-H1600

U-Ditch-B1000xH1000 L=41.30

Catch Basin B900-L900-H600

U-Ditch-5560-H400 L=81.90

U-Ditch-5560-H400 L=88.40

U-Ditch-5560-H400 L=81.90

U-Ditch-5560-H400 L=88.40

U-Ditch-5560-H400 L=81.90

U-Ditch-5560-H400 L=88.40

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U-Ditch-5560-H400 L=81.90

U-Ditch-5560-H400 L=88.40

U-Ditch-5560-H400 L=81.90

U-Ditch-5560-H400 L=88.40

U-Ditch-5560-H400 L=81.90

U-Ditch-5560-H400 L=88.40

U-Ditch-5560-H400 L=81.90

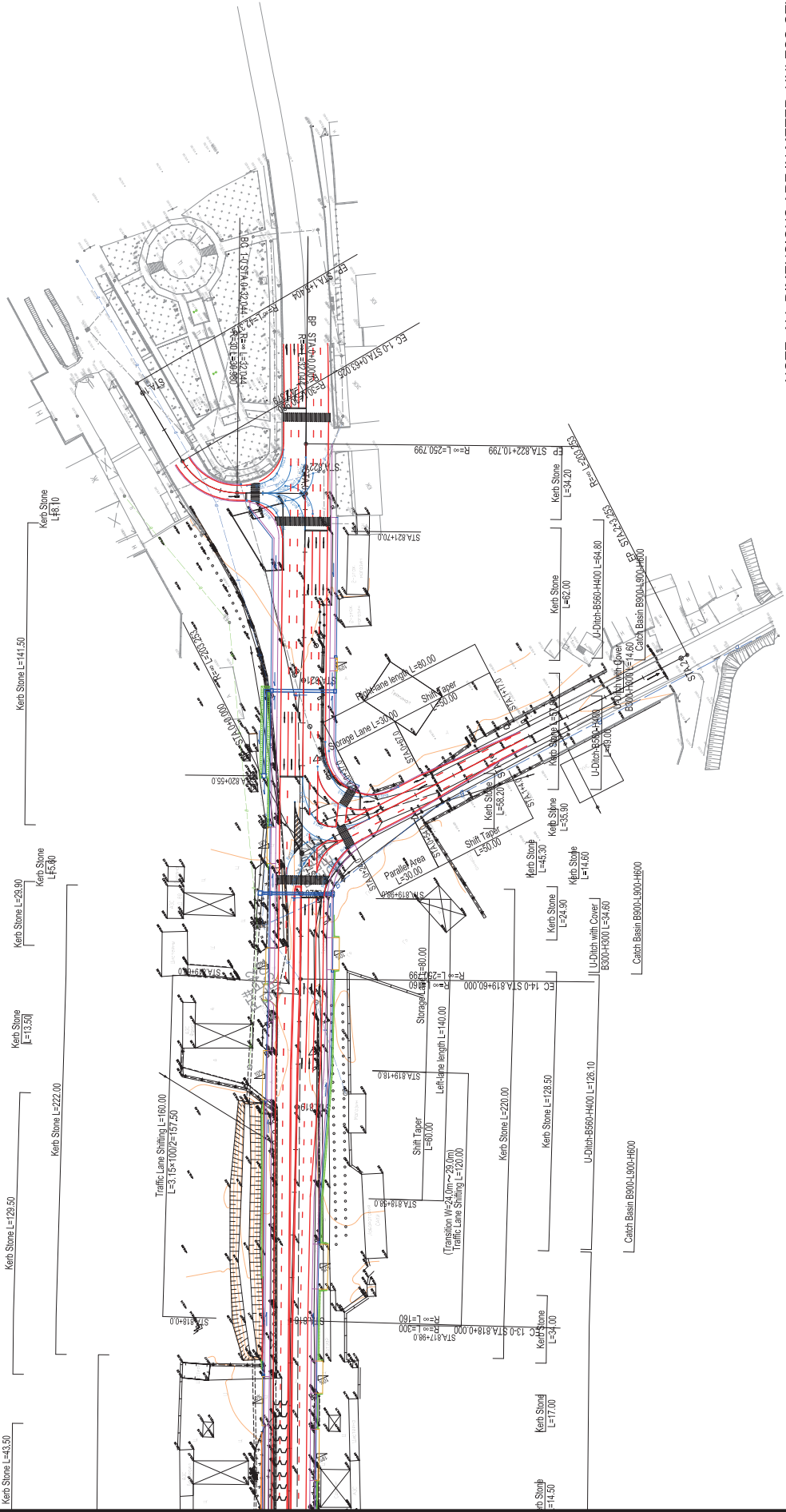
U-Ditch-5560-H400 L=88.40

U-Ditch-5560-H400 L=81.90

U-Ditch-5560-H400 L=88.40

U-Ditch-5560-H400 L=81.90

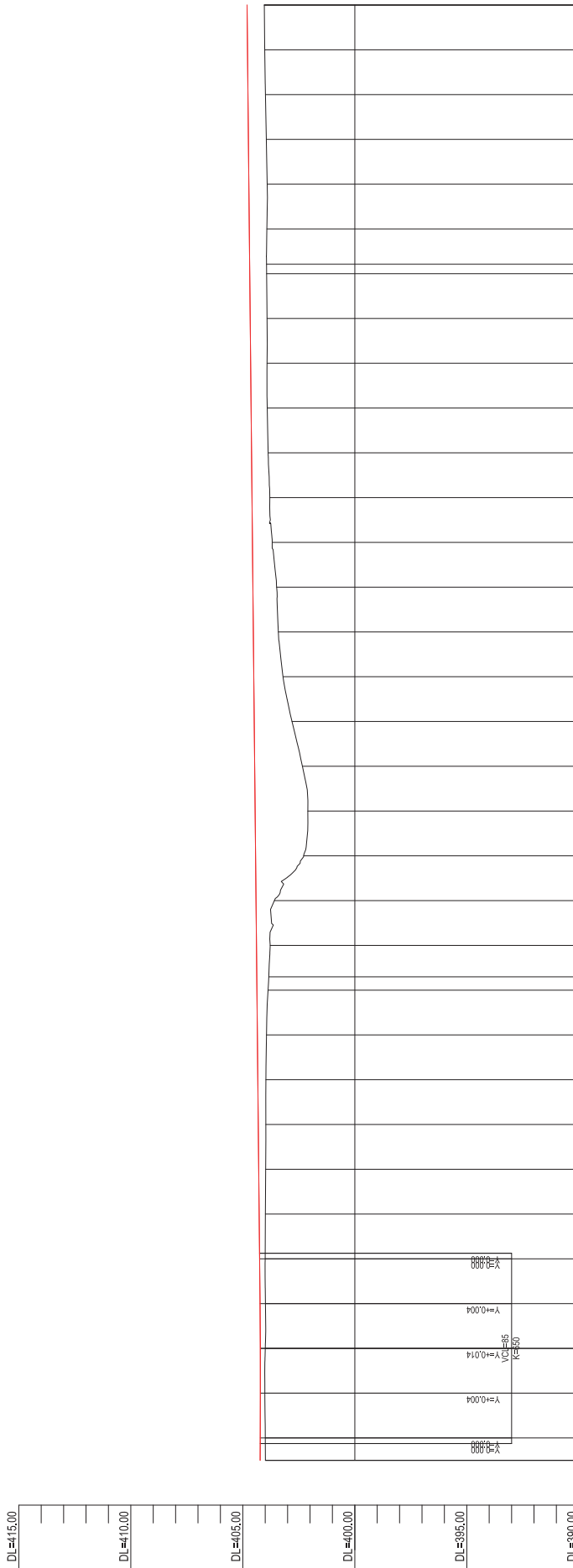
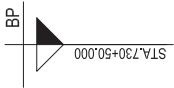
U-Ditch-5560-H400 L=88.40



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	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: <b>PLAN (13)</b>	CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO. PL-L-13	SHEET NO. 13/13
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# PROFILE (1)



VERTICAL ALIGNMENT	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	STATION	HORIZONTAL CURVATURE	SUPER ELEVATION
EC 1-0	+50.000	404.225	10.000	404.222		
	+80.000	404.220	20.000	404.220		
STA.731	+20.000	404.224	20.000	404.224		
	+40.000	404.234	20.000	404.234		
	+20.000	404.250	20.000	404.250		
	+60.000	404.270	20.000	404.270		
	+80.000	404.290	20.000	404.290		
STA.732	+20.000	404.310	20.000	404.310		
	+40.000	404.330	20.000	404.330		
	+60.000	404.350	20.000	404.350		
BC 2-0	+20.000	404.370	20.000	404.370		
	+40.000	404.376	20.000	404.376		
	+60.000	404.384	20.000	404.384		
	+80.000	404.390	20.000	404.390		
STA.733	+20.000	404.410	20.000	404.410		
	+40.000	404.430	20.000	404.430		
	+60.000	404.450	20.000	404.450		
	+80.000	404.470	20.000	404.470		
	+20.000	404.480	20.000	404.480		
STA.734	+20.000	404.510	20.000	404.510		
	+40.000	404.530	20.000	404.530		
	+60.000	404.549	20.000	404.549		
	+80.000	404.570	20.000	404.570		
	+20.000	404.590	20.000	404.590		
STA.735	+20.000	404.610	20.000	404.610		
	+40.000	404.630	20.000	404.630		
	+60.000	404.650	20.000	404.650		
	+80.000	404.670	20.000	404.670		
	+20.000	404.690	20.000	404.690		
EC 2-0	+20.000	404.694	20.000	404.694		
	+40.000	404.710	20.000	404.710		
STA.736	+20.000	404.730	20.000	404.730		
	+40.000	404.750	20.000	404.750		
	+60.000	404.770	20.000	404.770		
	+80.000	404.790	20.000	404.790		
	+20.000	404.810	20.000	404.810		

# PROFILE (2)

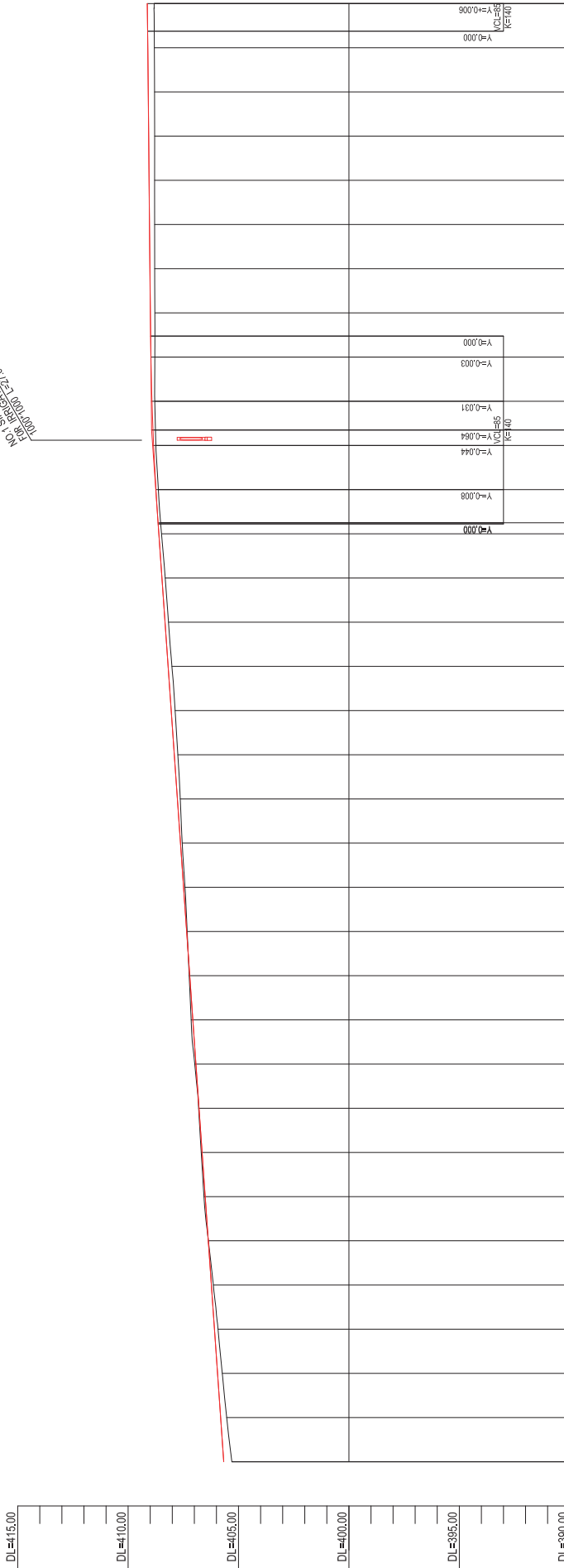
0:12.100/0.000  
1:00 CROSS RAMPAGE BOX CURBENT



VERTICAL ALIGNMENT	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	STATION	HORIZONTAL CURVATURE	SUPER ELEVATION
DL=390.00	404.910	404.889	20.000	404.889	0.0000	0.0000
	403.94	404.884	20.000	403.94	0.0000	0.0000
	403.98	404.870	20.000	403.98	0.0000	0.0000
	404.00	404.850	20.000	404.00	0.0000	0.0000
	404.02	404.830	20.000	404.02	0.0000	0.0000
	404.04	404.810	20.000	404.04	0.0000	0.0000
	404.06	404.790	20.000	404.06	0.0000	0.0000
	404.08	404.770	20.000	404.08	0.0000	0.0000
	404.10	404.750	20.000	404.10	0.0000	0.0000
	404.12	404.730	20.000	404.12	0.0000	0.0000
	404.14	404.710	20.000	404.14	0.0000	0.0000
	404.16	404.690	20.000	404.16	0.0000	0.0000
	404.18	404.670	20.000	404.18	0.0000	0.0000
	404.20	404.650	20.000	404.20	0.0000	0.0000
	404.22	404.630	20.000	404.22	0.0000	0.0000
	404.24	404.610	20.000	404.24	0.0000	0.0000
	404.26	404.590	20.000	404.26	0.0000	0.0000
	404.28	404.570	20.000	404.28	0.0000	0.0000
	404.30	404.550	20.000	404.30	0.0000	0.0000
	404.32	404.530	20.000	404.32	0.0000	0.0000
	404.34	404.510	20.000	404.34	0.0000	0.0000
	404.36	404.490	20.000	404.36	0.0000	0.0000
	404.38	404.470	20.000	404.38	0.0000	0.0000
	404.40	404.450	20.000	404.40	0.0000	0.0000
	404.42	404.430	20.000	404.42	0.0000	0.0000
	404.44	404.410	20.000	404.44	0.0000	0.0000
	404.46	404.390	20.000	404.46	0.0000	0.0000
	404.48	404.370	20.000	404.48	0.0000	0.0000
	404.50	404.350	20.000	404.50	0.0000	0.0000
	404.52	404.330	20.000	404.52	0.0000	0.0000
	404.54	404.310	20.000	404.54	0.0000	0.0000
	404.56	404.290	20.000	404.56	0.0000	0.0000
	404.58	404.270	20.000	404.58	0.0000	0.0000
	404.60	404.250	20.000	404.60	0.0000	0.0000
	404.62	404.230	20.000	404.62	0.0000	0.0000
	404.64	404.210	20.000	404.64	0.0000	0.0000
	404.66	404.190	20.000	404.66	0.0000	0.0000
	404.68	404.170	20.000	404.68	0.0000	0.0000
	404.70	404.150	20.000	404.70	0.0000	0.0000
	404.72	404.130	20.000	404.72	0.0000	0.0000
	404.74	404.110	20.000	404.74	0.0000	0.0000
	404.76	404.090	20.000	404.76	0.0000	0.0000
	404.78	404.070	20.000	404.78	0.0000	0.0000
	404.80	404.050	20.000	404.80	0.0000	0.0000
	404.82	404.030	20.000	404.82	0.0000	0.0000
	404.84	404.010	20.000	404.84	0.0000	0.0000
	404.86	403.990	20.000	404.86	0.0000	0.0000
	404.88	403.970	20.000	404.88	0.0000	0.0000
	404.90	403.950	20.000	404.90	0.0000	0.0000
	404.92	403.930	20.000	404.92	0.0000	0.0000
	404.94	403.910	20.000	404.94	0.0000	0.0000
	404.96	403.890	20.000	404.96	0.0000	0.0000
	404.98	403.870	20.000	404.98	0.0000	0.0000
	405.00	403.850	20.000	405.00	0.0000	0.0000
	405.02	403.830	20.000	405.02	0.0000	0.0000
	405.04	403.810	20.000	405.04	0.0000	0.0000
	405.06	403.790	20.000	405.06	0.0000	0.0000
	405.08	403.770	20.000	405.08	0.0000	0.0000
	405.10	403.750	20.000	405.10	0.0000	0.0000
	405.12	403.730	20.000	405.12	0.0000	0.0000
	405.14	403.710	20.000	405.14	0.0000	0.0000
	405.16	403.690	20.000	405.16	0.0000	0.0000
	405.18	403.670	20.000	405.18	0.0000	0.0000
	405.20	403.650	20.000	405.20	0.0000	0.0000
	405.22	403.630	20.000	405.22	0.0000	0.0000
	405.24	403.610	20.000	405.24	0.0000	0.0000
	405.26	403.590	20.000	405.26	0.0000	0.0000
	405.28	403.570	20.000	405.28	0.0000	0.0000
	405.30	403.550	20.000	405.30	0.0000	0.0000
	405.32	403.530	20.000	405.32	0.0000	0.0000
	405.34	403.510	20.000	405.34	0.0000	0.0000
	405.36	403.490	20.000	405.36	0.0000	0.0000
	405.38	403.470	20.000	405.38	0.0000	0.0000
	405.40	403.450	20.000	405.40	0.0000	0.0000
	405.42	403.430	20.000	405.42	0.0000	0.0000
	405.44	403.410	20.000	405.44	0.0000	0.0000
	405.46	403.390	20.000	405.46	0.0000	0.0000
	405.48	403.370	20.000	405.48	0.0000	0.0000
	405.50	403.350	20.000	405.50	0.0000	0.0000
	405.52	403.330	20.000	405.52	0.0000	0.0000
	405.54	403.310	20.000	405.54	0.0000	0.0000

# PROFILE (3)

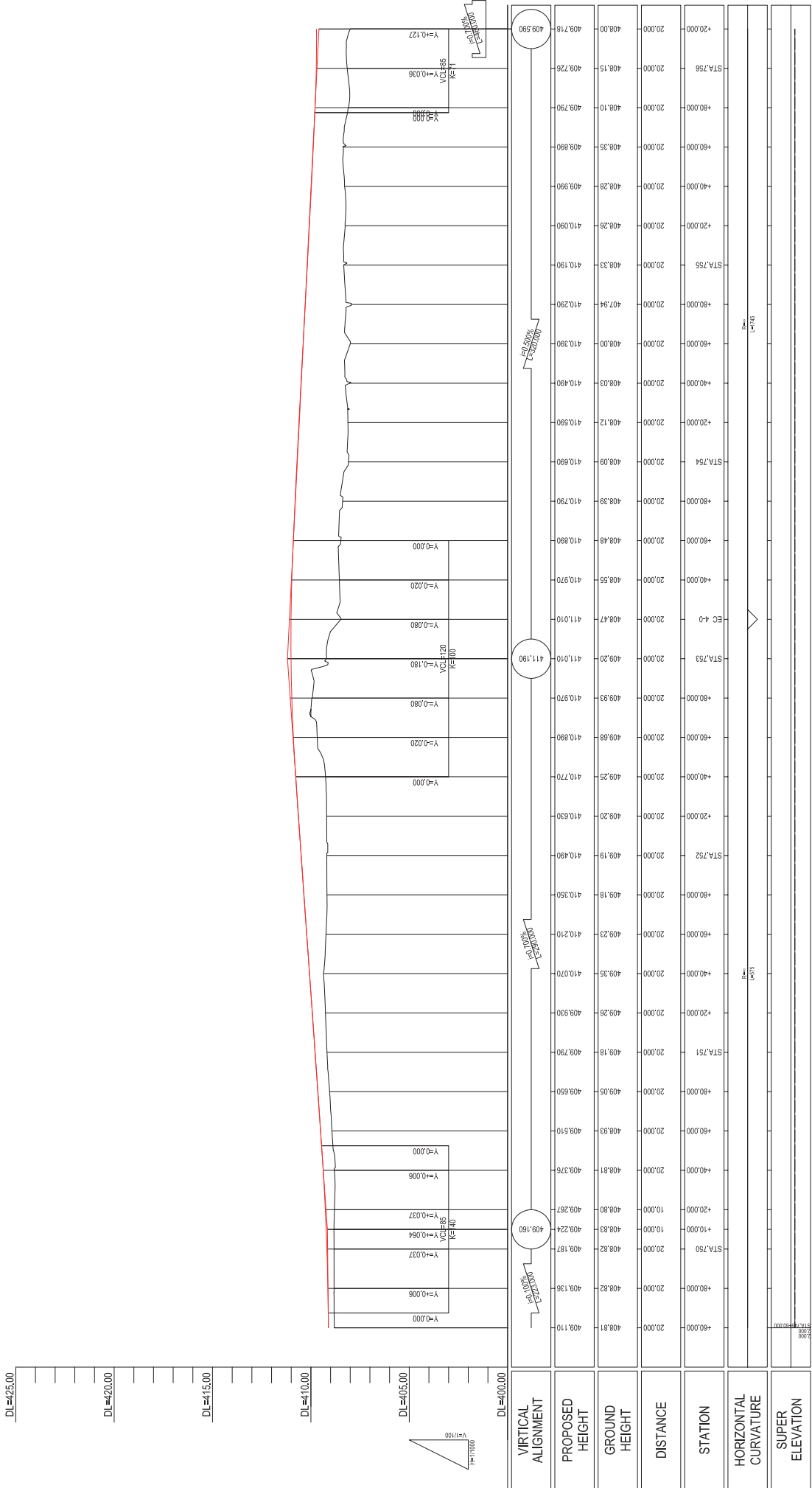
NO. 1 SIGN TOP BOX CLIENT  
 8.12.21.000.000  
 NOT FOR CONSTRUCTION



VERTICAL ALIGNMENT	PROPOSED HEIGHT	GROUND HEIGHT	SINGLE DISTANCE	STATION	HORIZONTAL CURVATURE	SUPER ELEVATION
DL=415.00				405.30		
DL=410.00				405.54		
DL=405.00				405.74		
DL=400.00				405.93		
DL=395.00				406.14		
DL=390.00				406.36		
				406.59		
				406.89		
				406.81		
				406.98		
				407.14		
				407.24		
				407.33		
				407.42		
				407.55		
				407.629		
				407.84		
				407.908		
				408.048		
				408.17		
				408.328		
				408.468		
				408.608		
				408.643		
				408.83		
				408.849		
				409.02		
				409.17		
				409.32		
				409.49		
				409.608		
				409.83		
				409.843		
				408.740		
				408.83		
				408.844		
				408.74		
				408.873		
				408.973		
				408.919		
				408.967		
				408.79		
				408.990		
				409.010		
				409.070		
				409.090		
				408.81		
				409.110		
				408.82		

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
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# PROFILE (4)



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: <b>PROFILE (4)</b>	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. 2 CROSS-RANGE BOX-CULVERT  
TOP ELEVATION  
1007.000 (L287.0)

NO. 3 CROSS-RANGE BOX-CULVERT  
TOP ELEVATION  
1007.000 (L287.0)

NO. 2 CROSS-RANGE BOX-CULVERT  
TOP ELEVATION  
1007.000 (L287.0)



VERTICAL ALIGNMENT	PROPOSED HEIGHT	GROUND HEIGHT	SINGLE DISTANCE	STATION	HORIZONTAL CURVATURE	SUPER ELEVATION
409.590	409.718	408.15	20.000	STA.756		
	407.74	408.85	20.000			
	409.79	410.10	20.000	STA.757		
	408.87	410.290	20.000			
	410.94	410.430	20.000			
	409.07	410.570	20.000			
	409.29	410.710	20.000			
	409.58	410.850	20.000	STA.758		
	410.81	410.990	20.000			
	410.71	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	412.19	20.000			
	412.08	412.725	20.000			
412.810	412.725	412.810	20.000	STA.761		
	412.76	412.76	20.000			
	411.81	412.76	20.000			
	411.81	412.770	20.000			
	411.80	412.750	20.000			
	411.62	412.730	20.000			
	411.51	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			

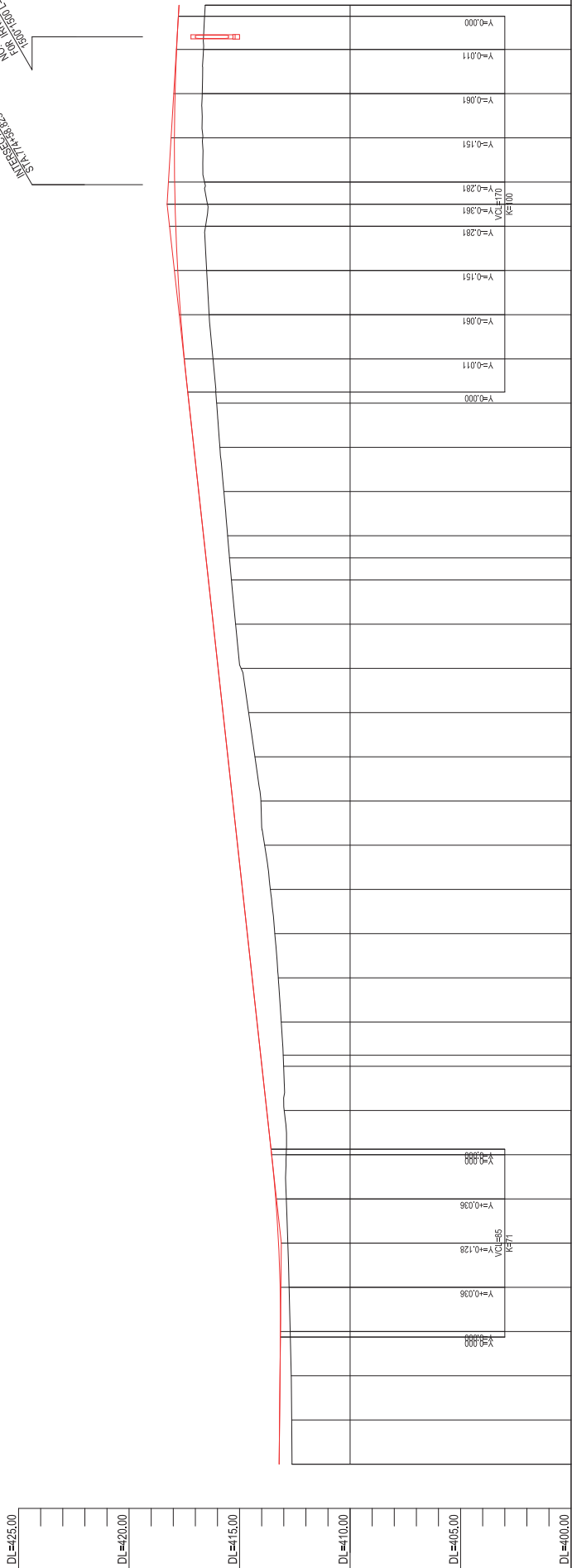
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	PROFILE (5)			CHECKED	APPROVED	SCALE (A1 SIZE) H=1/1000 V=1/100	DATE	DRAWING NO. PR-05	SHEET NO. 5/15
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# PROFILE (7)

NO. 4 SPAN TYPE BOX CUTTER  
 FOR REHABILITATION  
 SECTION  
 KZILKALA-BOKHTAR SECTION  
 FROM STATION 413.000  
 TO STATION 418.280



VERTICAL ALIGNMENT	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	STATION	HORIZONTAL CURVATURE	SUPER ELEVATION
413.110	413.150	412.710	20.000	412.80		
	413.166	412.760	20.000	413.00		
	413.226	412.820	20.000	413.20		
	413.286	412.880	20.000	413.40		
	413.346	412.940	20.000	413.60		
	413.396	413.000	20.000	413.80		
	413.436	413.060	20.000	414.00		
	413.476	413.120	20.000	414.20		
	413.516	413.180	20.000	414.40		
	413.556	413.240	20.000	414.60		
	413.596	413.300	20.000	414.80		
	413.636	413.360	20.000	415.00		
	413.676	413.420	20.000	415.20		
	413.716	413.480	20.000	415.40		
	413.756	413.540	20.000	415.60		
	413.796	413.600	20.000	415.80		
	413.836	413.660	20.000	416.00		
	413.876	413.720	20.000	416.20		
	413.916	413.780	20.000	416.40		
	413.956	413.840	20.000	416.60		
	413.996	413.900	20.000	416.80		
	414.036	413.960	20.000	417.00		
	414.076	414.020	20.000	417.20		
	414.116	414.080	20.000	417.40		
	414.156	414.140	20.000	417.60		
	414.196	414.200	20.000	417.80		
	414.236	414.260	20.000	418.00		
	414.276	414.320	20.000	418.20		
	414.316	414.380	20.000	418.280		

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  
 CTE ENGINEERING INTERNATIONAL CO., LTD.

**PROFILE (7)**

CHECKED: \_\_\_\_\_ DATE: \_\_\_\_\_

APPROVED: \_\_\_\_\_

SCALE (A1 SIZE):  
 H=1/1000  
 V=1/100

DRAWING NO. PR-07

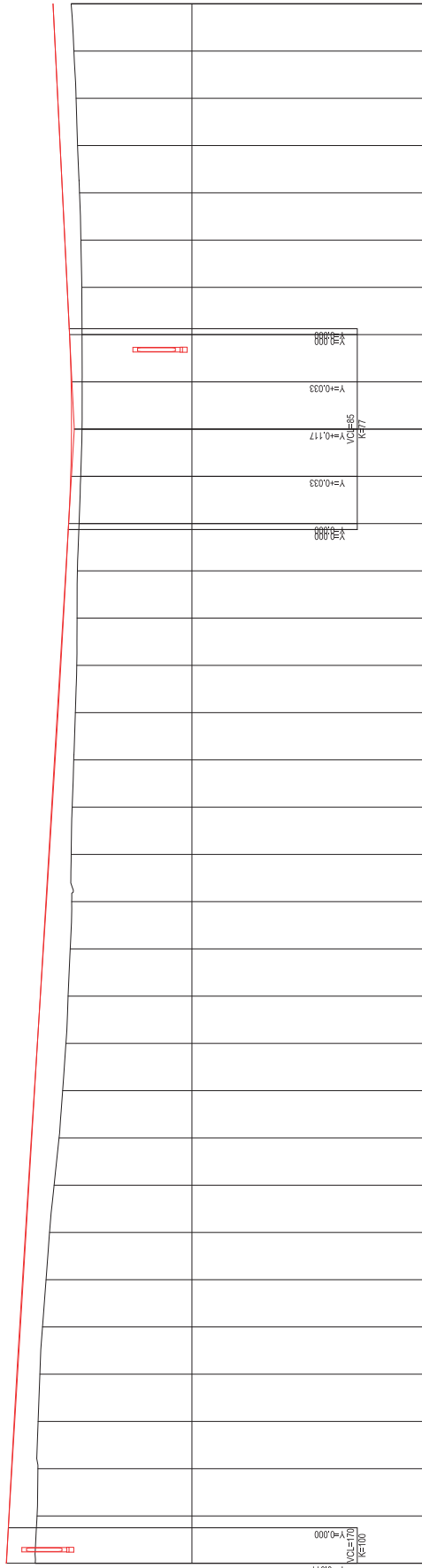
SHEET NO. 7/15

# PROFILE (8)

NO. 4 SIGN TOP BOX CLIENT  
 0.157 1081.0261  
 0.302 1081.0261  
 NO. 2 CROSS BRIDGE BOX CLIENT  
 0.302 1081.0261

NO. 4 SIGN TOP BOX CLIENT  
 0.157 1081.0261  
 0.302 1081.0261

- DL=+25.00
- DL=+20.00
- DL=+15.00
- DL=+10.00
- DL=+05.00
- DL=+00.00



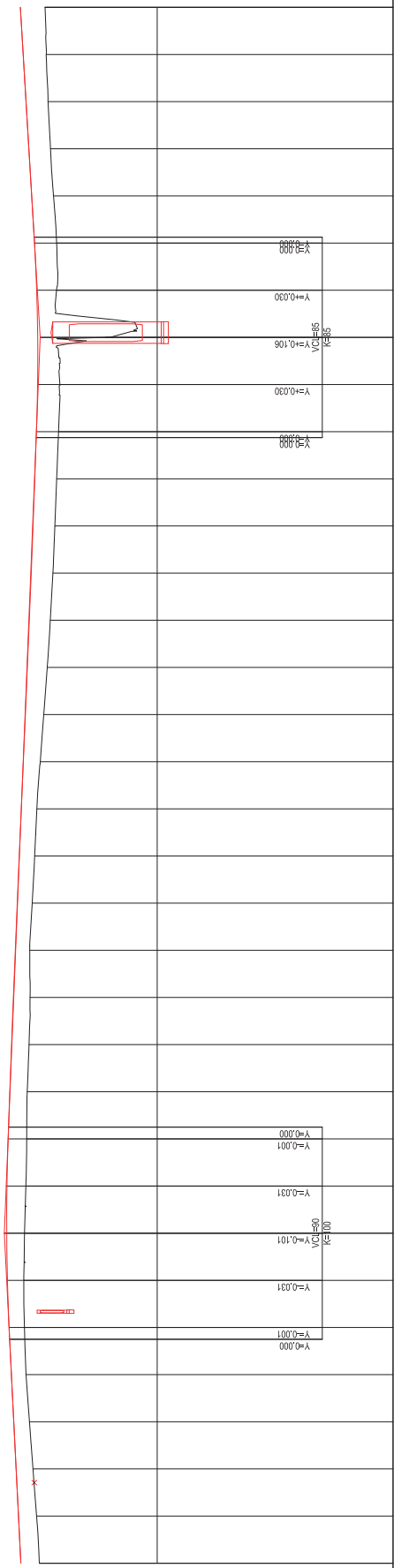
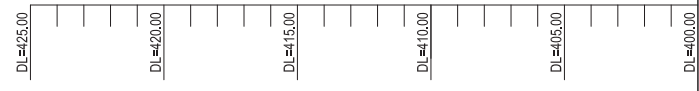
VERTICAL ALIGNMENT	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	STATION	HORIZONTAL CURVATURE	SUPER ELEVATION
	417.849	418.63	20.000	417.849		
	417.740	418.55	20.000	417.740		
	417.520	418.32	20.000	417.520		
	417.380	418.44	20.000	417.380		
	417.280	418.32	20.000	417.280		
	417.140	418.17	20.000	417.140		
	417.020	418.03	20.000	417.020		
	416.900	415.83	20.000	416.900		
	416.780	415.62	20.000	416.780		
	416.660	415.47	20.000	416.660		
	416.540	415.33	20.000	416.540		
	416.420	415.24	20.000	416.420		
	416.300	415.15	20.000	416.300		
	416.180	415.09	20.000	416.180		
	416.060	415.11	20.000	416.060		
	415.940	415.07	20.000	415.940		
	415.820	415.00	20.000	415.820		
	415.700	414.93	20.000	415.700		
	415.580	414.87	20.000	415.580		
	415.460	414.80	20.000	415.460		
	415.340	414.85	20.000	415.340		
	415.220	414.78	20.000	415.220		
	415.133	414.71	20.000	414.71		
	415.097	414.65	20.000	414.65		
	415.113	414.65	20.000	414.65		
	415.180	414.65	20.000	414.65		
	415.280	414.65	20.000	414.65		
	415.380	414.70	20.000	414.70		
	415.480	414.76	20.000	414.76		
	415.580	414.84	20.000	414.84		
	415.680	414.90	20.000	414.90		
	415.780	415.00	20.000	415.00		
	415.880	415.11	20.000	415.11		

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

NO. 5 SPURION TYPE BOX CULVERT  
 5.0x3.0x1.5m  
 1:100

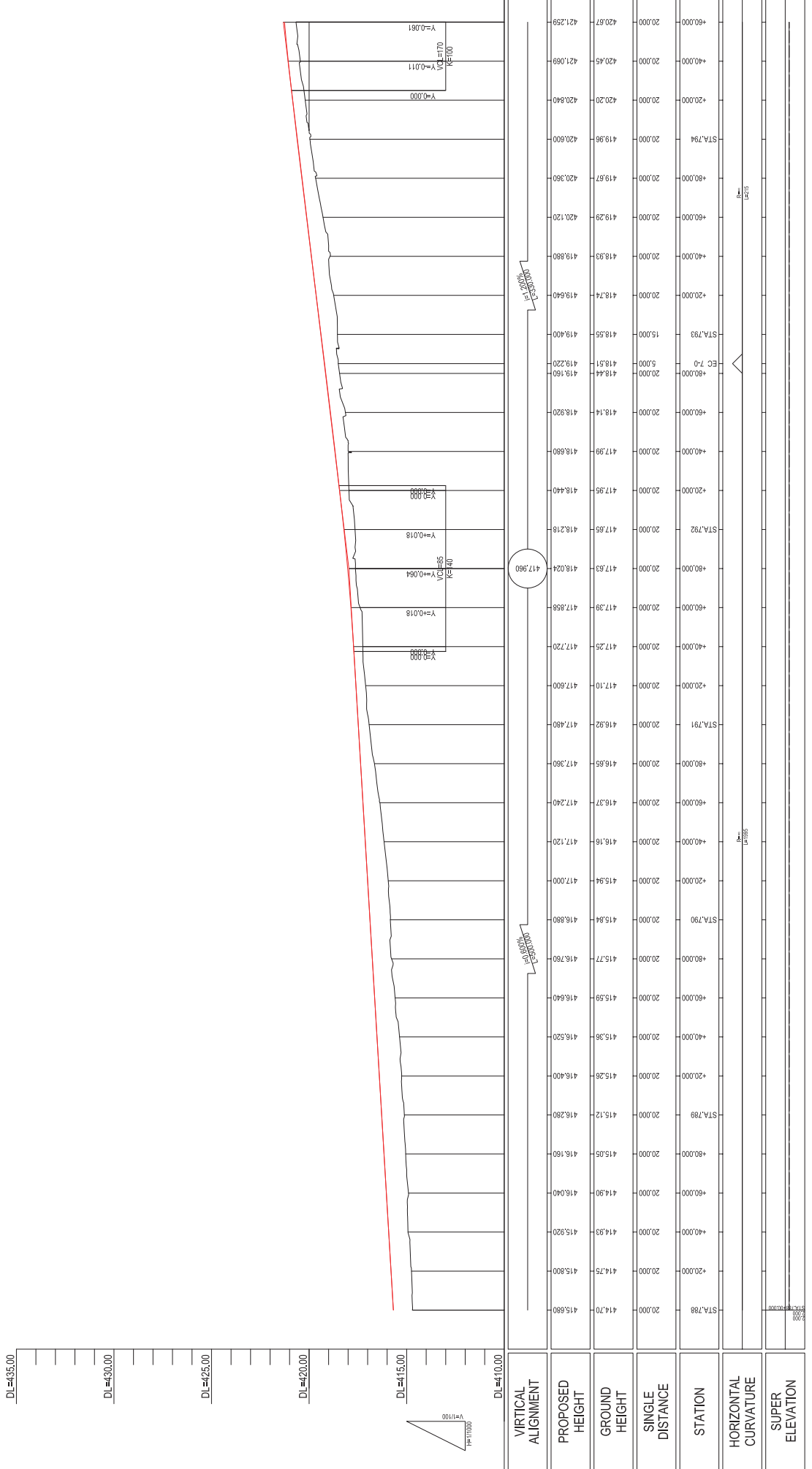
NO. 5 SPURION TYPE BOX CULVERT  
 5.0x3.0x1.5m  
 1:100



VERTICAL ALIGNMENT	PROPOSED HEIGHT	GROUND HEIGHT	SINGLE DISTANCE	STATION	HORIZONTAL CURVATURE	SUPER ELEVATION
	415.790	415.790	20.000	415.000		
	415.880	415.111	20.000	415.980		
	415.980	415.277	20.000	415.980		
	416.080	415.441	20.000	416.080		
	416.180	415.565	20.000	416.180		
	416.279	415.653	20.000	416.279		
	416.349	415.685	20.000	416.349		
	416.379	415.682	20.000	416.379		
	416.399	415.577	20.000	416.399		
	416.433	415.577	20.000	416.433		
	416.480	415.399	20.000	416.480		
	416.539	415.319	20.000	416.539		
	416.580	415.100	20.000	416.580		
	416.680	414.965	20.000	416.680		
	416.794	414.794	20.000	416.794		
	416.800	414.811	20.000	416.800		
	416.866	414.520	20.000	416.866		
	416.920	414.280	20.000	416.920		
	416.980	414.000	20.000	416.980		
	417.000	413.920	20.000	417.000		
	417.040	413.840	20.000	417.040		
	417.070	413.760	20.000	417.070		
	417.096	413.680	20.000	417.096		
	417.119	413.600	20.000	417.119		
	417.127	413.511	20.000	417.127		
	417.200	413.260	20.000	417.200		
	417.260	413.000	20.000	417.260		
	417.320	412.720	20.000	417.320		
	417.400	412.400	20.000	417.400		
	417.440	412.160	20.000	417.440		
	417.463	412.000	20.000	417.463		
	417.560	411.560	20.000	417.560		
	417.700	411.000	20.000	417.700		
	417.788	410.788	20.000	417.788		
	417.800	410.800	20.000	417.800		
	417.875	410.500	20.000	417.875		
	417.920	410.200	20.000	417.920		
	417.980	410.000	20.000	417.980		
	418.000	410.000	20.000	418.000		
	418.040	410.000	20.000	418.040		
	418.120	410.000	20.000	418.120		
	418.175	410.000	20.000	418.175		

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)



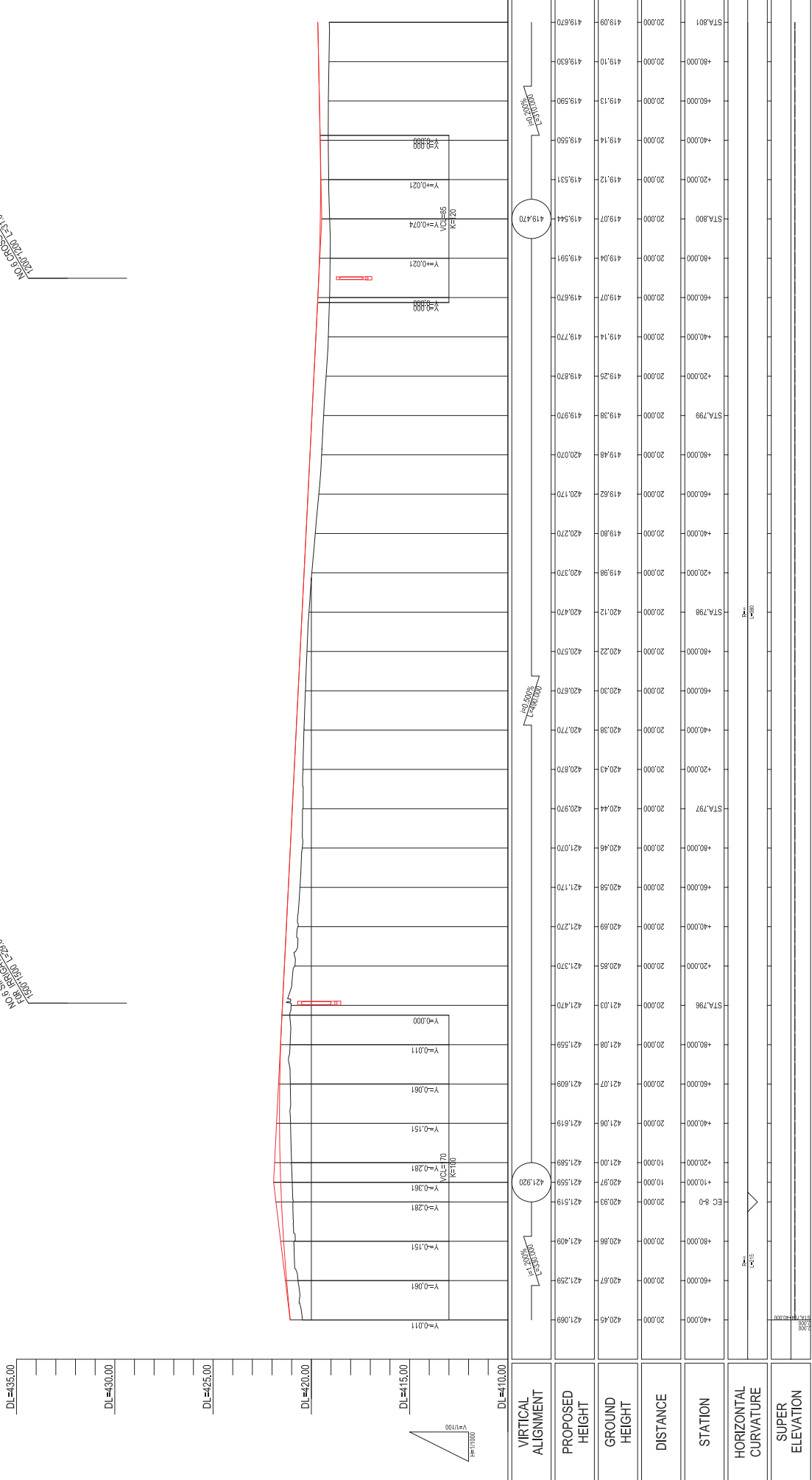
VERTICAL ALIGNMENT	PROPOSED HEIGHT	GROUND HEIGHT	SINGLE DISTANCE	STATION	HORIZONTAL CURVATURE	SUPER ELEVATION
415.680	415.680	414.70	20.000	STA.788		
415.800	415.800	414.75	20.000	+40.000		
415.920	415.920	414.93	20.000	+40.000		
416.040	416.040	414.90	20.000	+60.000		
416.160	416.160	415.05	20.000	+80.000		
416.280	416.280	415.12	20.000	STA.789		
416.400	416.400	415.26	20.000	+20.000		
416.520	416.520	415.36	20.000	+40.000		
416.640	416.640	415.59	20.000	+60.000		
416.760	416.760	415.77	20.000	+80.000		
416.880	416.880	415.84	20.000	STA.790		
417.000	417.000	415.94	20.000	+20.000		
417.120	417.120	416.16	20.000	+40.000		
417.240	417.240	416.37	20.000	+60.000		
417.360	417.360	416.65	20.000	+80.000		
417.480	417.480	416.92	20.000	STA.791		
417.600	417.600	417.10	20.000	+20.000		
417.720	417.720	417.25	20.000	+40.000		
417.840	417.840	417.39	20.000	+60.000		
417.960	417.960	417.58	20.000	+80.000		
418.080	418.080	417.83	20.000	STA.792		
418.200	418.200	418.218	20.000	+20.000		
418.320	418.320	418.440	20.000	+40.000		
418.440	418.440	417.95	20.000	+20.000		
418.560	418.560	417.99	20.000	+40.000		
418.680	418.680	418.14	20.000	+60.000		
418.800	418.800	418.920	20.000	+80.000		
418.920	418.920	419.150	20.000	STA.793		
419.040	419.040	419.220	5.000	EC 7.0		
419.160	419.160	418.57	20.000	+20.000		
419.280	419.280	418.93	20.000	+40.000		
419.400	419.400	418.74	20.000	+20.000		
419.520	419.520	419.640	20.000	+40.000		
419.640	419.640	419.880	20.000	+60.000		
419.760	419.760	419.29	20.000	+80.000		
419.880	419.880	420.120	20.000	STA.794		
419.960	419.960	420.360	20.000	+20.000		
420.040	420.040	420.45	20.000	+40.000		
420.120	420.120	421.259	20.000	+60.000		

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	TITLE: <b>PROFILE (10)</b>	DRAWING NO. <b>PR-10</b>	DATE	SCALE (A1 SIZE) H=1/1000 V=1/1000	SHEET NO. <b>10/15</b>
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# PROFILE (11)

NO.6 SIGNON TPE BOX CULVERT  
 01.25.17.004.004  
 NOT TO SCALE  
 1:1000 (A1 SIZE)  
 NO.6 SIGNON TPE BOX CULVERT

NO.6 SIGNON TPE BOX CULVERT  
 01.25.17.004.004  
 NOT TO SCALE  
 1:1000 (A1 SIZE)  
 NO.6 SIGNON TPE BOX CULVERT



DL=+35.00	DL=+20.00	DL=+15.00	DL=+10.00
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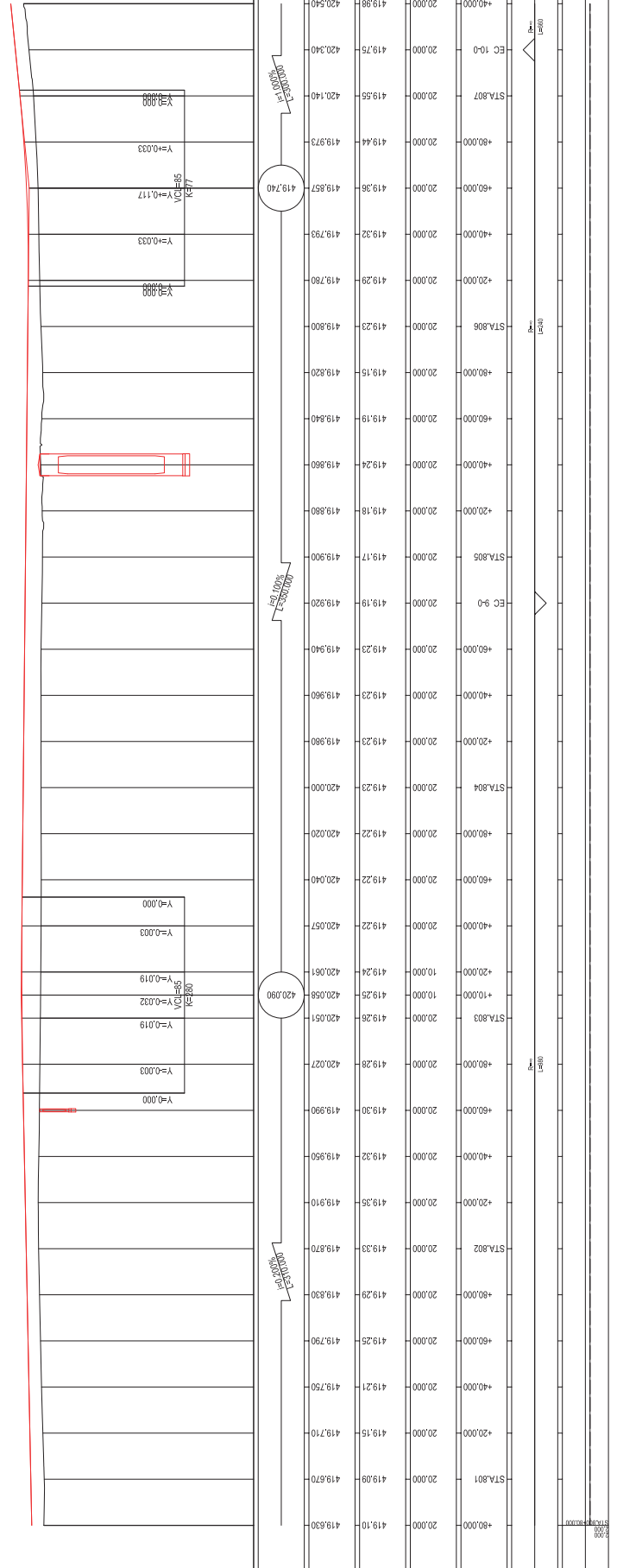
VERTICAL ALIGNMENT	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	STATION	HORIZONTAL CURVATURE	SUPER ELEVATION
	421.089	421.089	20.000	420.45		
	421.259	421.259	20.000	420.87		
	421.409	421.409	20.000	420.86		
	421.519	421.519	20.000	420.93		
	421.559	421.559	10.000	420.97		
	421.589	421.589	10.000	421.00		
	421.609	421.609	20.000	421.07		
	421.699	421.699	20.000	421.07		
	421.809	421.809	20.000	421.07		
	421.920	421.920	20.000	421.03		
	421.970	421.970	20.000	420.44		
	420.43	420.43	20.000	420.87		
	420.38	420.38	20.000	420.77		
	420.30	420.30	20.000	420.67		
	420.22	420.22	20.000	420.57		
	420.12	420.12	20.000	420.47		
	419.98	419.98	20.000	420.37		
	419.80	419.80	20.000	420.27		
	419.62	419.62	20.000	420.17		
	419.48	419.48	20.000	420.07		
	419.38	419.38	20.000	419.97		
	419.25	419.25	20.000	419.87		
	419.14	419.14	20.000	419.77		
	419.07	419.07	20.000	419.67		
	419.04	419.04	20.000	419.59		
	419.544	419.544	20.000	419.07		
	419.531	419.531	20.000	419.12		
	419.14	419.14	20.000	419.14		
	419.590	419.590	20.000	419.13		
	419.10	419.10	20.000	419.10		
	419.630	419.630	20.000	419.10		
	419.670	419.670	20.000	419.09		
	419.801	419.801	20.000	419.081		

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: <b>PROFILE (11)</b>	CHECKED	APPROVED	SCALE (A1 SIZE) H=1/1000 V=1/100	DATE	DRAWING NO. <b>PR-11</b>	SHEET NO. 11/15

# PROFILE (12)

NO.7 SIGN THREE BOX CULVERT  
 1:500  
 1:500  
 1:500

NO.10 BOX CULVERT  
 1:500  
 1:500  
 1:500

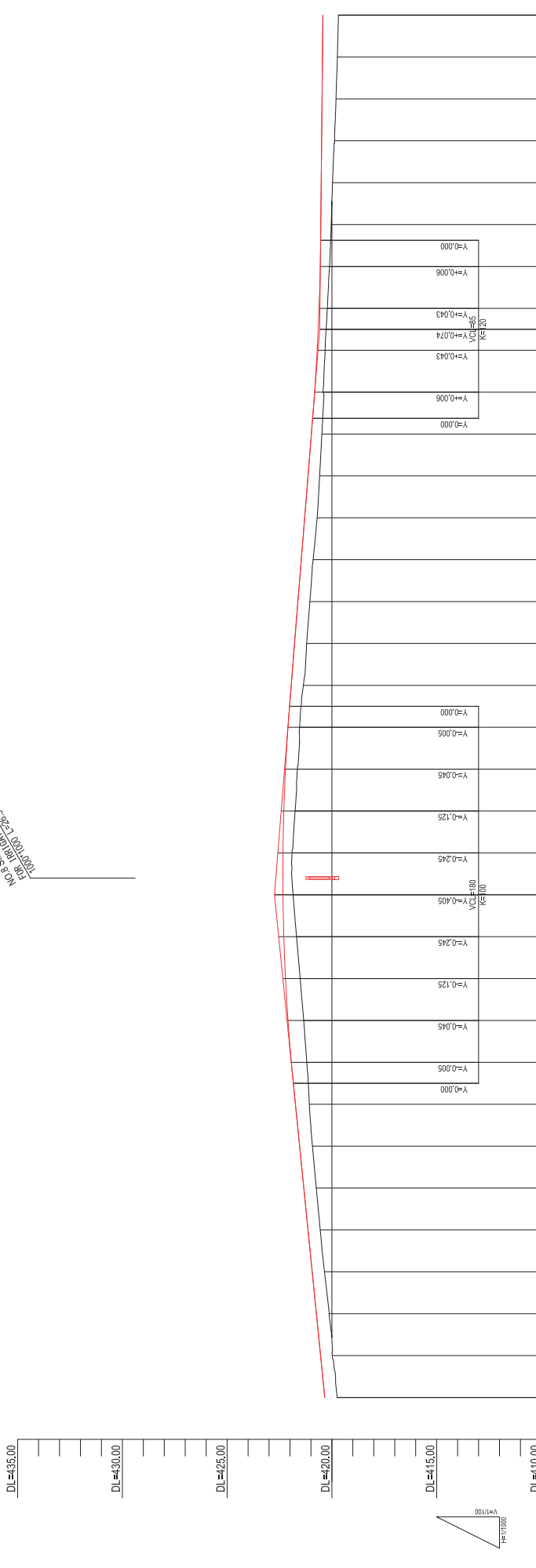


VERTICAL ALIGNMENT	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	STATION	HORIZONTAL CURVATURE	SUPER ELEVATION
	419.630	419.10	20.00	80.000	STA.801	
	419.670	419.08	20.00	20.000		
	419.710	419.15	20.00	20.000		
	419.750	419.21	20.00	40.000		
	419.790	419.25	20.00	60.000		
	419.830	419.29	20.00	80.000	STA.802	
	419.870	419.33	20.00	20.000		
	419.910	419.38	20.00	20.000		
	419.950	419.32	20.00	40.000		
	419.990	419.30	20.00	60.000		
	420.027	419.28	20.00	80.000	STA.803	
	420.051	419.26	20.00	20.000		
	420.058	419.25	10.00	10.000		
	420.061	419.24	10.00	20.000		
	420.057	419.22	20.00	40.000		
	420.040	419.22	20.00	60.000	STA.804	
	420.020	419.22	20.00	80.000		
	420.000	419.23	20.00	20.000		
	419.980	419.23	20.00	40.000		
	419.960	419.23	20.00	60.000		
	419.940	419.23	20.00	80.000	EC 9-0	
	419.920	419.19	20.00	20.000		
	419.900	419.17	20.00	40.000	STA.805	
	419.880	419.18	20.00	60.000		
	419.860	419.18	20.00	80.000		
	419.840	419.19	20.00	20.000		
	419.820	419.15	20.00	40.000		
	419.800	419.23	20.00	60.000	STA.806	
	419.790	419.29	20.00	80.000		
	419.793	419.32	20.00	20.000		
	419.793	419.32	20.00	40.000		
	419.857	419.36	20.00	60.000		
	419.873	419.44	20.00	80.000		
	420.140	419.55	20.00	20.000	STA.807	
	420.340	419.75	20.00	40.000		
	420.540	419.98	20.00	60.000	EC 10-0	

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

# PROFILE (13)

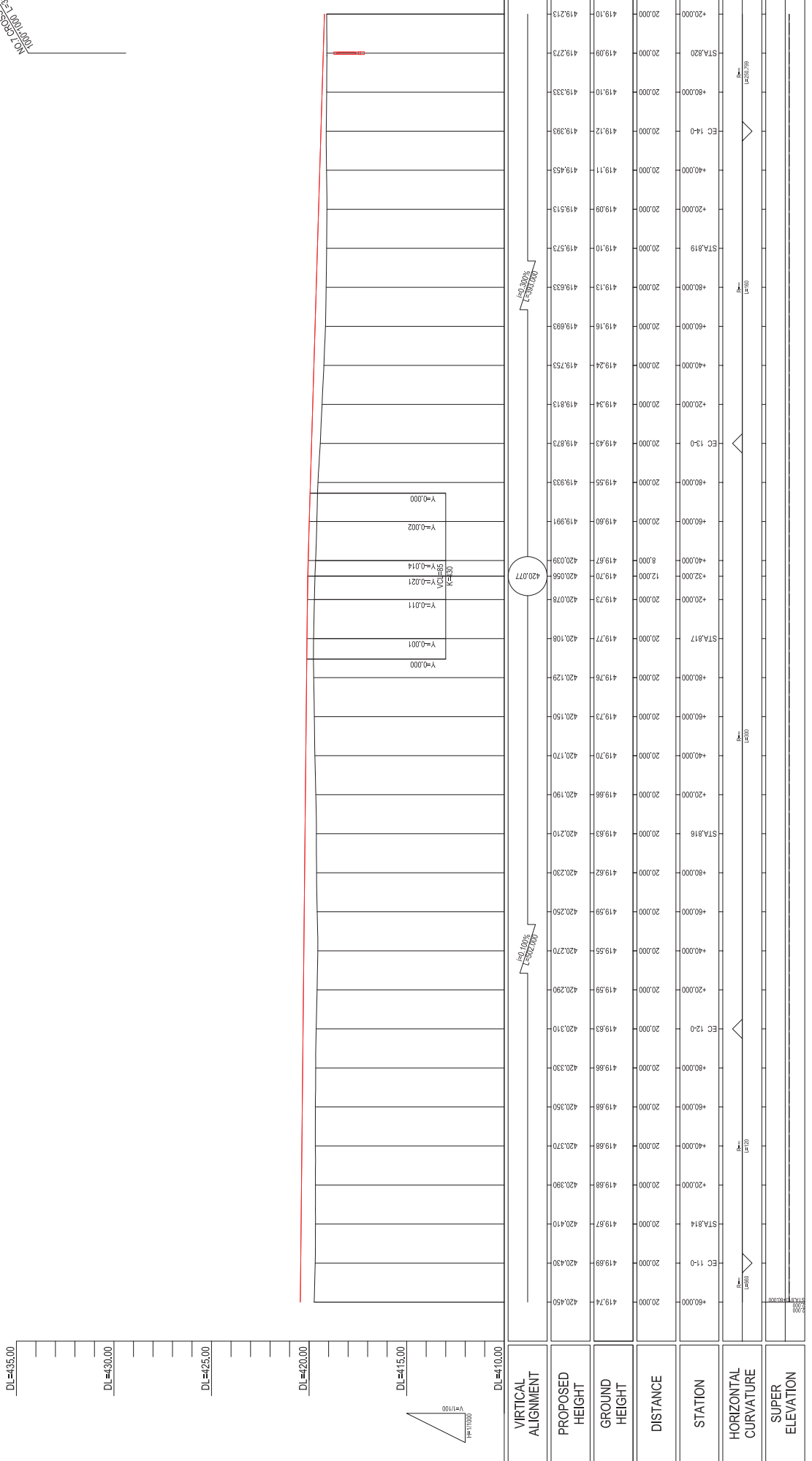
NO. 8 SPAN TYPICAL LEFT  
 THE ABUTMENT  
 300.000.000.000  
 100.000.000.000.000



VERTICAL ALIGNMENT	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	STATION	HORIZONTAL CURVATURE	SUPER ELEVATION
420.340	420.340	419.75	20.000	EC 10-0		
421.140	421.140	420.540	20.000	STA.808		
421.340	421.340	420.74	20.000			
421.540	421.540	420.93	20.000			
421.740	421.740	421.08	20.000			
421.935	421.935	421.20	20.000	STA.809		
422.095	422.095	421.35	20.000			
422.215	422.215	421.51	20.000			
422.295	422.295	421.69	20.000			
422.335	422.335	421.85	20.000			
422.335	422.335	421.85	20.000	STA.810		
422.295	422.295	421.75	20.000			
422.215	422.215	421.85	20.000			
421.900	421.900	421.90	20.000			
421.850	421.850	422.295	20.000	STA.811		
421.850	421.850	421.620	20.000			
421.780	421.780	421.20	20.000			
421.940	421.940	421.38	20.000			
422.095	422.095	421.54	20.000			
422.215	422.215	421.85	20.000	STA.812		
422.295	422.295	420.42	20.000			
422.335	422.335	420.826	20.000			
422.335	422.335	420.703	20.000			
422.295	422.295	420.654	10.000			
422.215	422.215	420.813	10.000			
422.095	422.095	420.556	20.000			
421.935	421.935	420.12	20.000			
421.850	421.850	420.490	20.000	STA.813		
421.740	421.740	420.03	20.000			
421.620	421.620	420.00	20.000			
421.540	421.540	419.97	20.000			
421.400	421.400	419.74	20.000	EC 11-0		

# PROFILE (14)

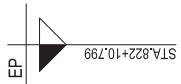
NO.7 CROSS-BRIDGE BOX CULVERT  
 100Mx100Mx13.16



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: <b>PROFILE (14)</b>			CHECKED	APPROVED	SCALE (A1 SIZE) H=1/1000 V=1/100	DATE	DRAWING NO. PR-14	SHEET NO. 14/15
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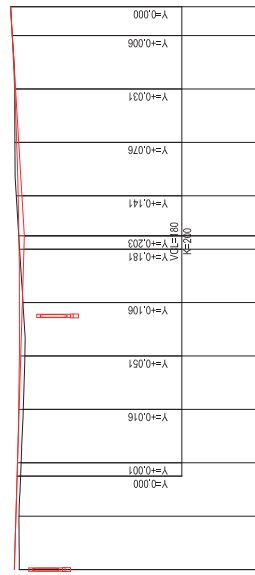


# PROFILE (15)



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

NO. 1 CROSS RAMPAGE BOX CULVERT  
 STA. 822+10.799

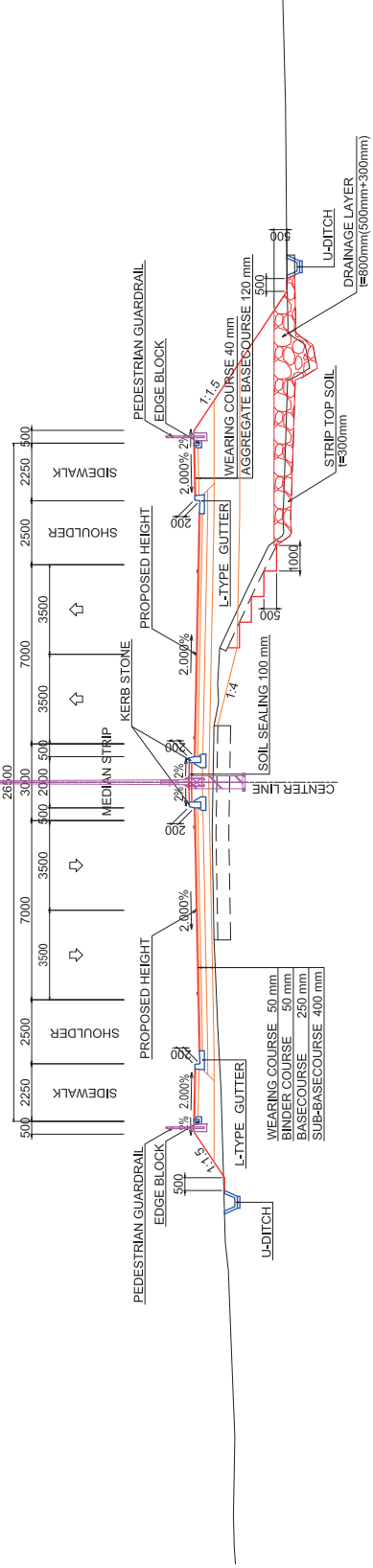


VERTICAL ALIGNMENT	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	STATION	HORIZONTAL CURVATURE	SUPER ELEVATION
419.273	419.273	419.273	20.000	STA.820		
419.213	419.213	419.213	20.000	+20.000		
419.154	419.154	419.154	20.000	+40.000		
419.109	419.109	419.109	20.000	+60.000		
419.084	419.084	419.084	20.000	+80.000		
419.079	419.079	419.079	20.000	STA.821		
419.094	419.094	419.094	20.000	+20.000		
419.111	419.111	419.111	5.000	+25.000		
419.101	419.101	419.101	15.000	+40.000		
419.129	419.129	419.129	20.000	+60.000		
419.184	419.184	419.184	20.000	+80.000		
419.259	419.259	419.259	20.000	+100.000		
419.354	419.354	419.354	20.000	STA.822		
419.413	419.413	419.413	10.799	EP		

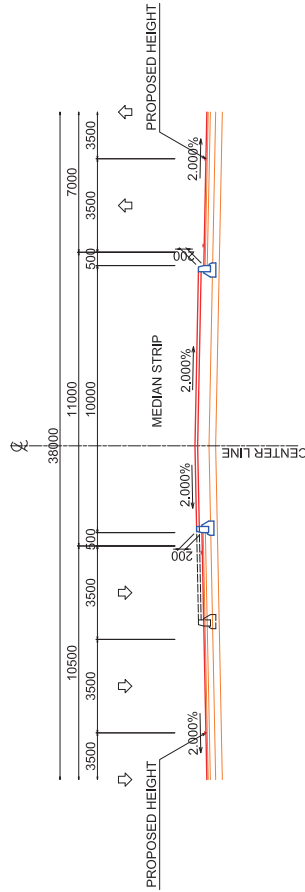
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: <b>PROFILE (15)</b>			
			CHECKED	APPROVED	SCALE (A1 SIZE) H=1/1000 V=1/100	DATE

# TYPICAL CROSS SECTION, TYPE-1 (STA. 730+50 TO STA. 807+20)

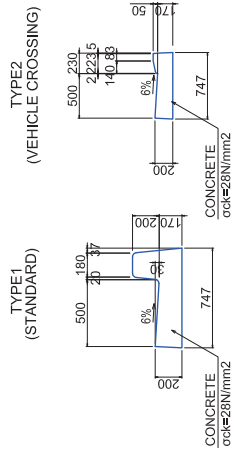
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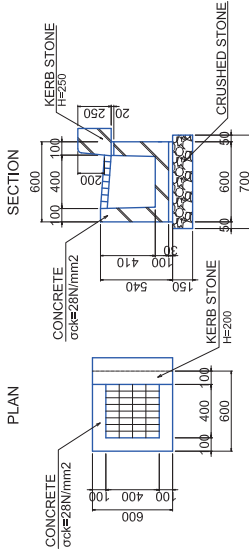
TYPICAL CROSS SECTION AT U-TURN ZONE  
S=1:100



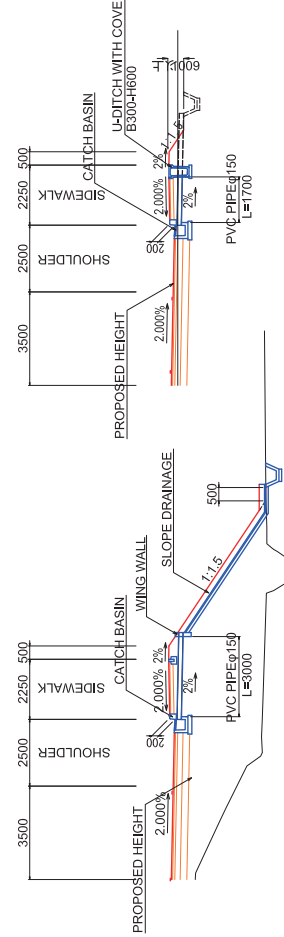
L-TYPE GUTTER  
S=1:20



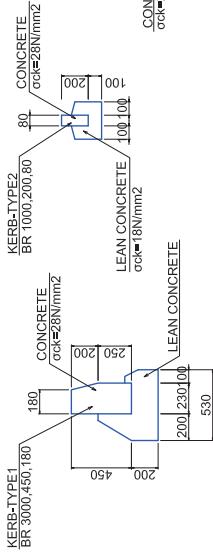
CATCH BASIN  
S=1:20



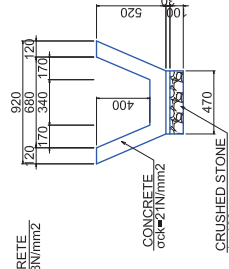
TYPICAL CROSS SECTION AT SLOPE DRAINAGE  
S=1:100



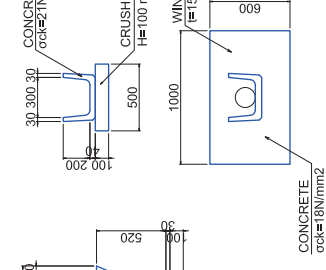
KERB STONE  
S=1:20



EDGE BLOCK  
S=1:20



U-DITCH  
S=1:20



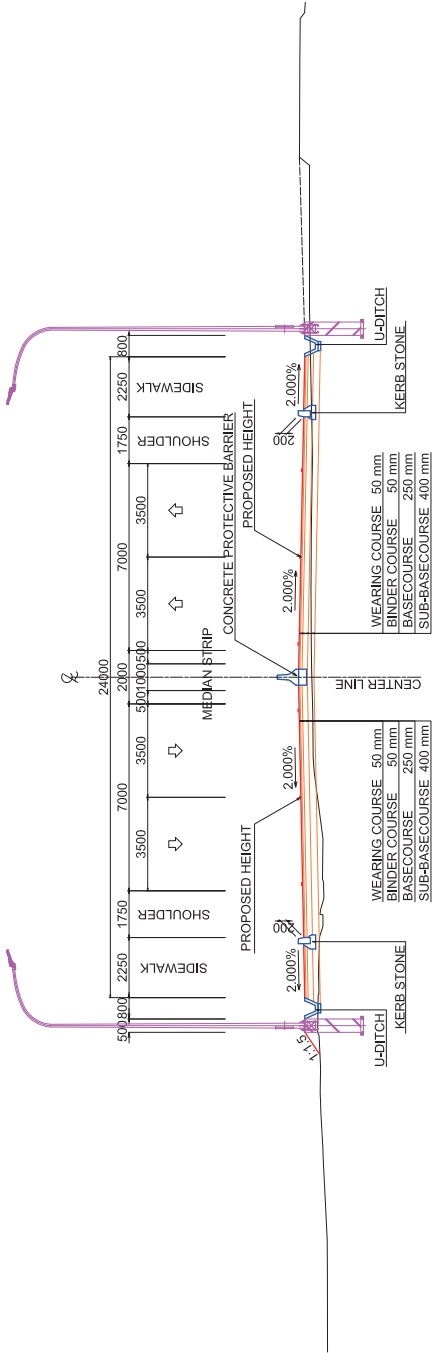
SLOPE DRAINAGE  
S=1:20

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

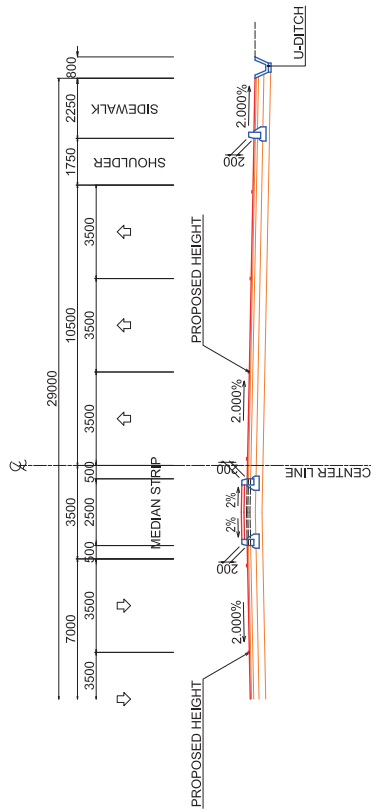
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	TITLE: <b>TYPICAL CROSS SECTION TYPE-1</b>	CHECKED	APPROVED	SCALE (A1 SIZE) 1:20 1:100	DATE	DRAWING NO. TP-01	SHEET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

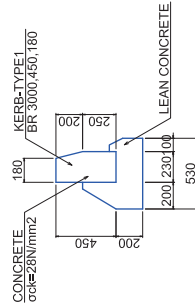
SCALE=1:100



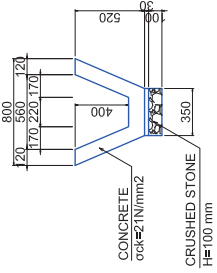
## TYPICAL CROSS SECTION AT INTERSECTION S=1:100



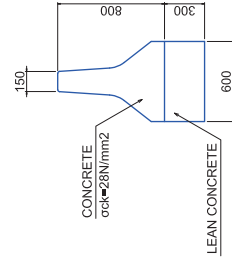
## KERB STONE S=1:20



## U-DITCH S=1:20



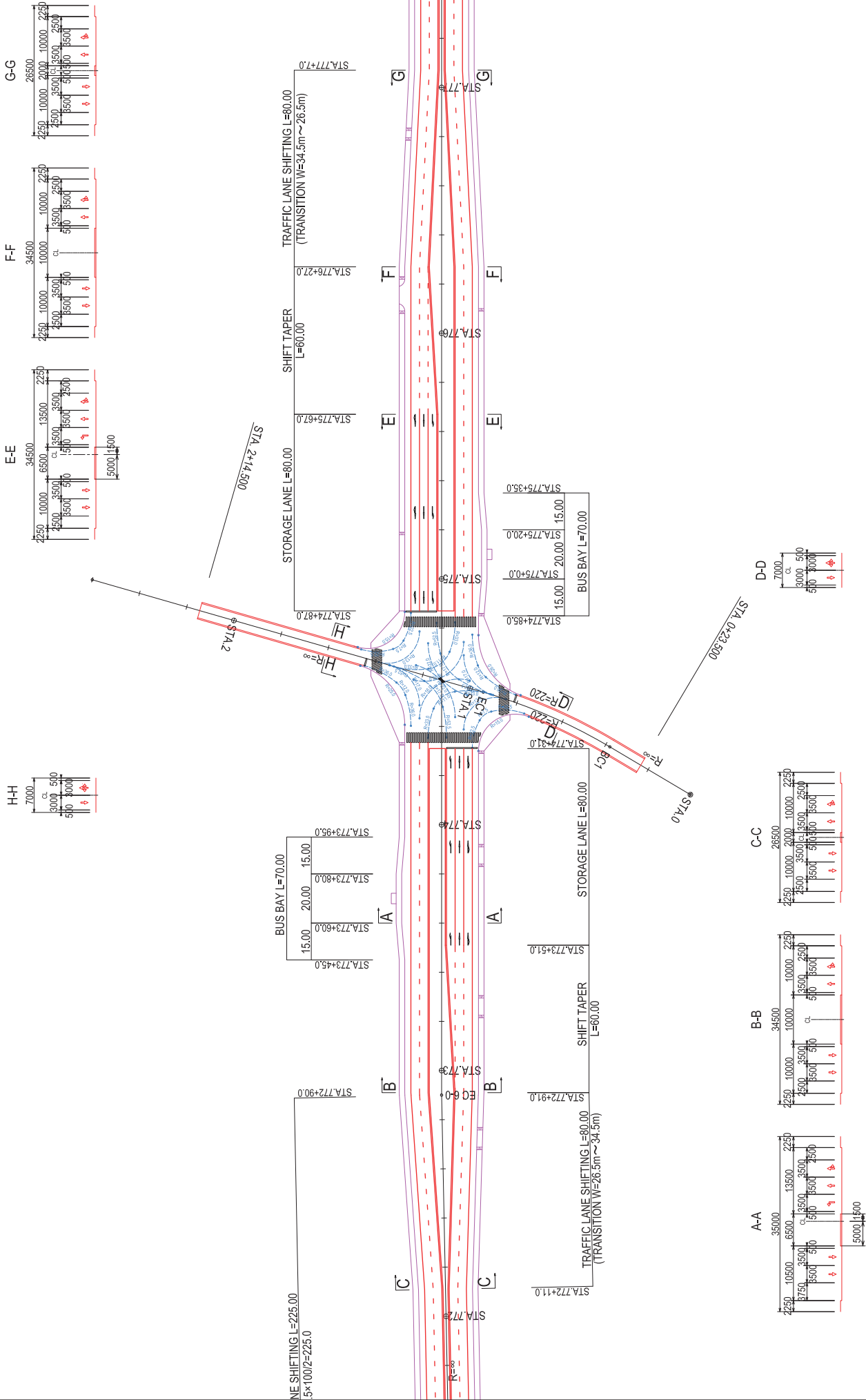
## CONCRETE PROTECTIVE BARRIER S=1:20



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

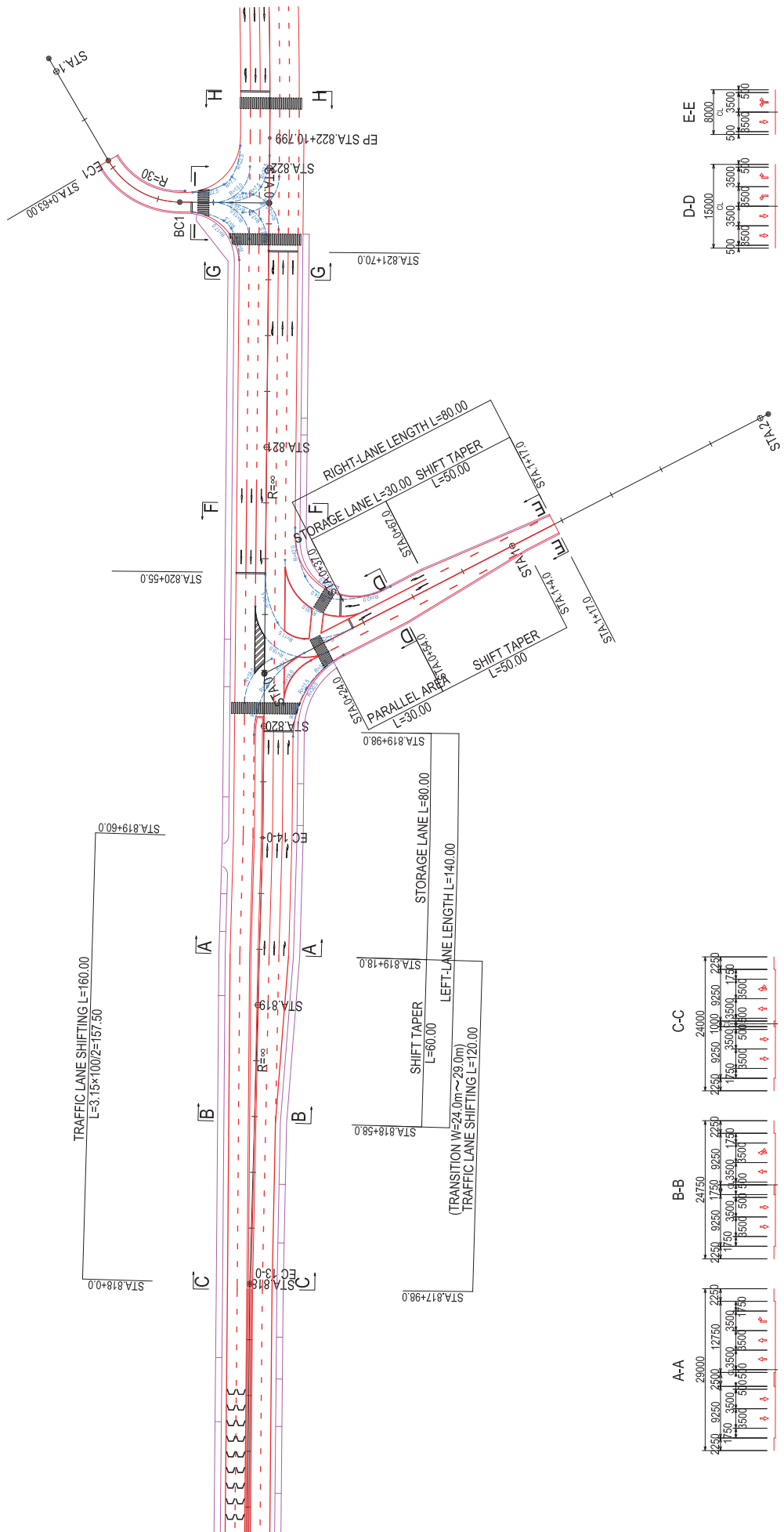
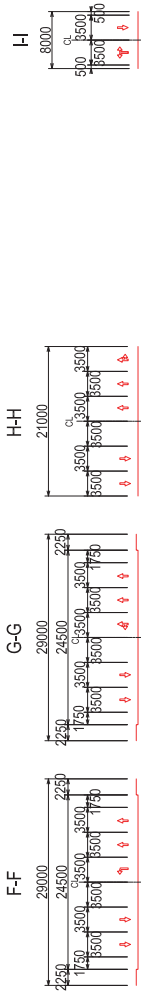
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	TITLE: <b>TYPICAL CROSS SECTION TYPE-2</b>	CHECKED	APPROVED	SCALE (A1 SIZE) 1:20 1:100	DATE	DRAWING NO. TP-02	SHEET 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.
<b>INTERSECTION PLAN(1)</b>		
TITLE:	DRAWING NO.	SHEET NO.
CHECKED	DATE	1/2
APPROVED	SCALE	IP-01
(A1 SIZE)	1:1000	

# INTERSECTION PLAN(2)

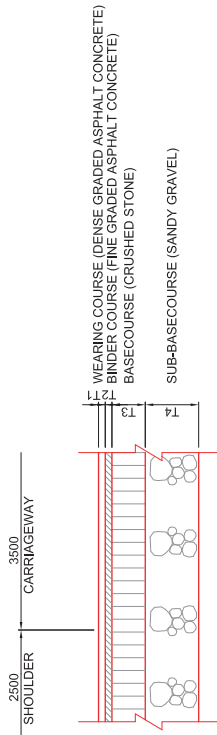


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: <b>INTERSECTION PLAN(2)</b>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

# PAVEMENT GENERAL DRAWINGS

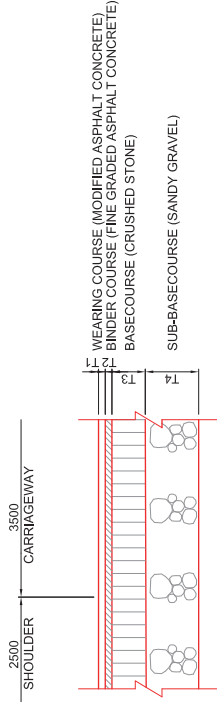
## MAIN ROAD PAVEMENT STRUCTURE

TYPE-1



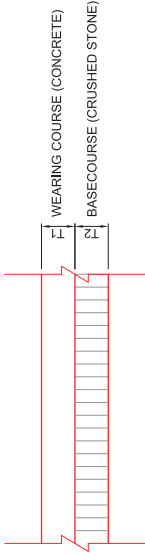
T1 WEARING COURSE (mm)	T2 BINDER COURSE (mm)	T3 BASE COURSE (mm)	T4 SUB-BASE COURSE (mm)
50	50	250	400

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

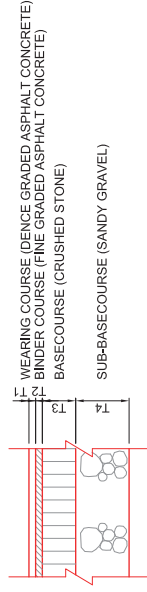
## SIDEWALK PAVEMENT STRUCTURE

TYPICAL SECTION



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

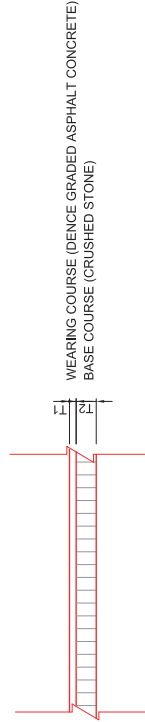
BOKHTAR SECTION  
(STA.807+20 TO END POINT)



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

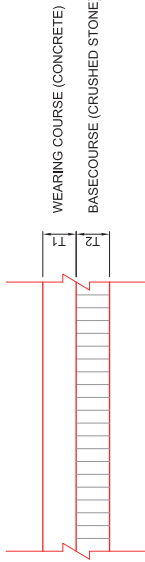
## ACCESS ROAD PAVEMENT STRUCTURE BAS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE

TYPE-1



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

TYPE-2



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

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IN THE REPUBLIC OF TAJIKISTAN

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

TITLE:  
PAVEMENT GENERAL DRAWINGS

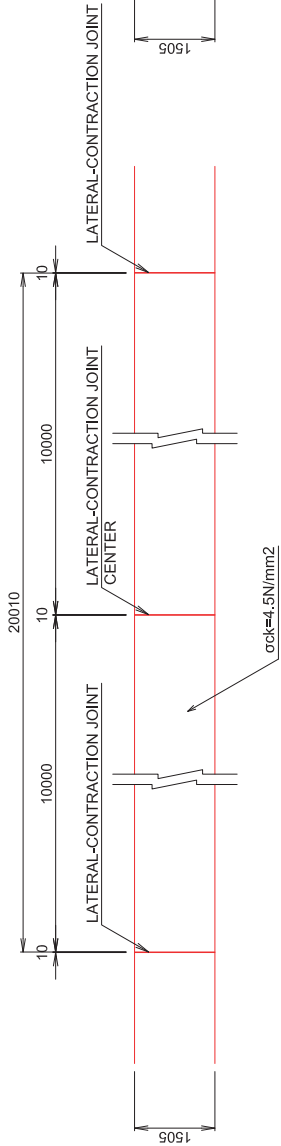
CHECKED  
APPROVED  
SCALE  
(A1 SIZE)  
1:20

DATE  
DRAWING NO.  
PV-01

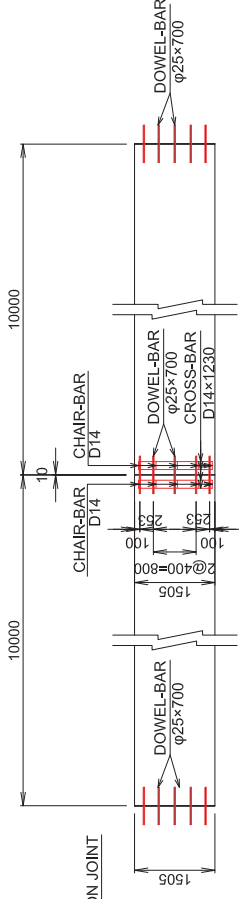
SHEET NO.  
1/15

# CONCRETE PAVEMENT GENERAL DRAWINGS

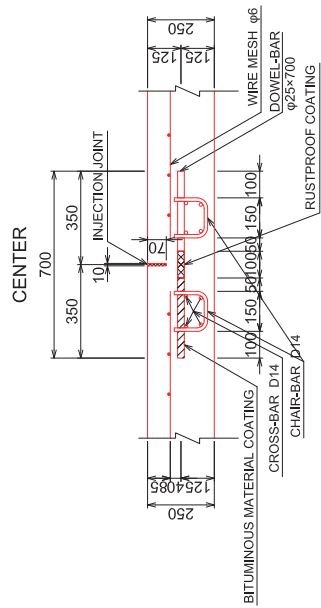
JOINT LAYOUT S=1:100



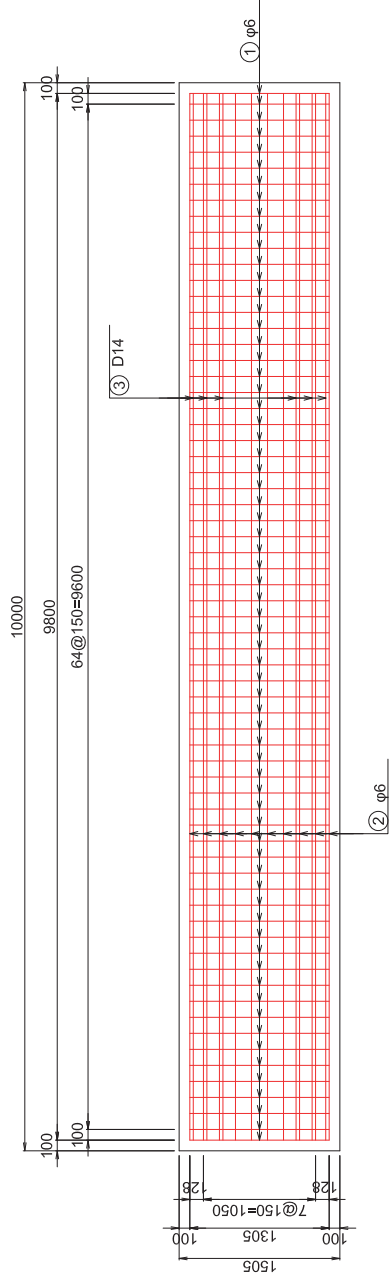
DOWEL-BAR LAYOUT S=1:100



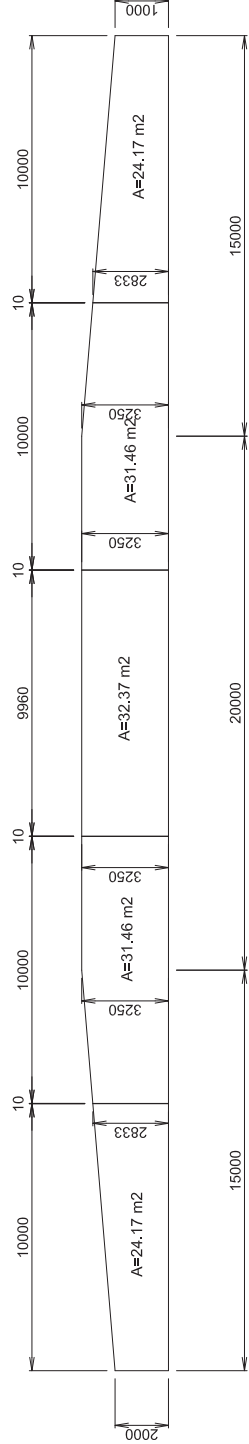
LATERAL-CONTRACTION JOINT S=1:20



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

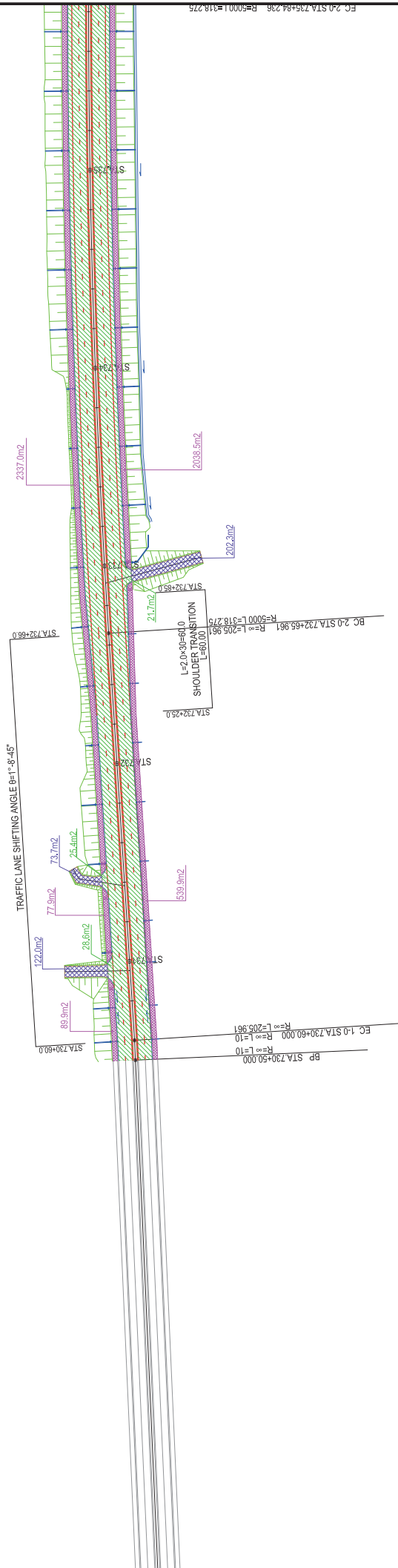
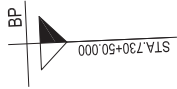


LAYOUT S=1:200



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# 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

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

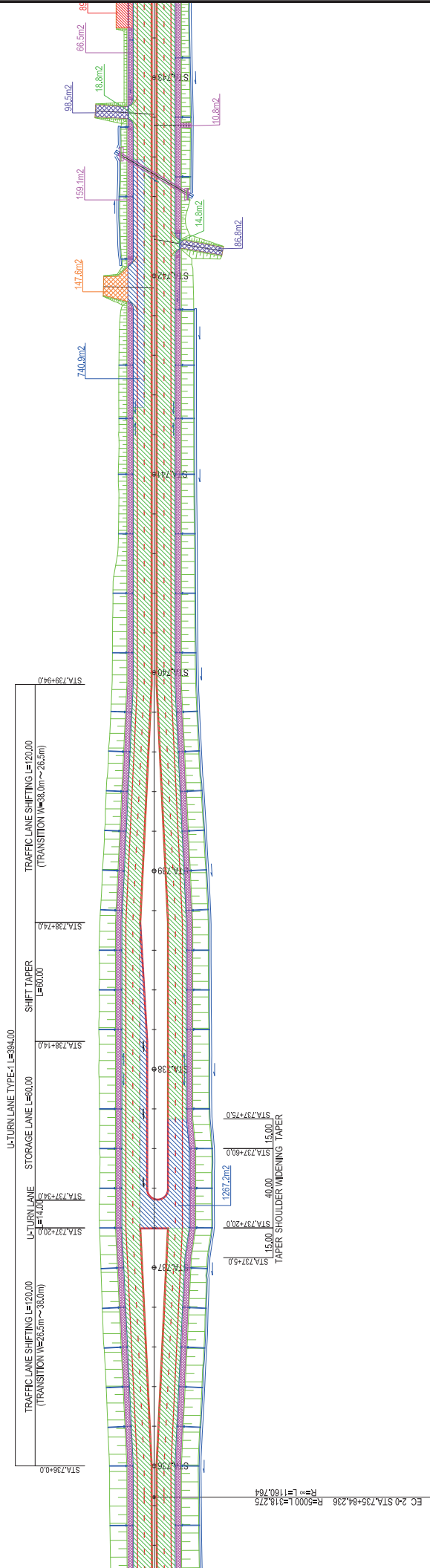
TITLE:  
LAYOUT PLAN OF  
PAVEMENT STRUCTURE(1)

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

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

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

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

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

## ACCESS ROAD PAVEMENT STRUCTURE

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

## BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE

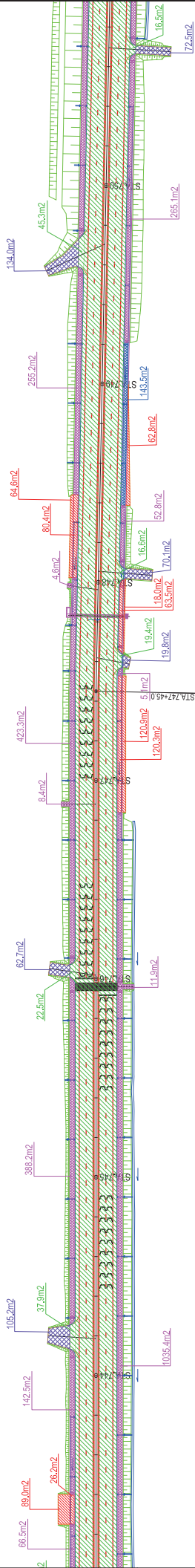
WEARING COURSE : DENSE GRADED ASPHALT CONCRETE | 5 cm  
 BASE COURSE : CRUSHED STONE | 15 cm

## BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE

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

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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

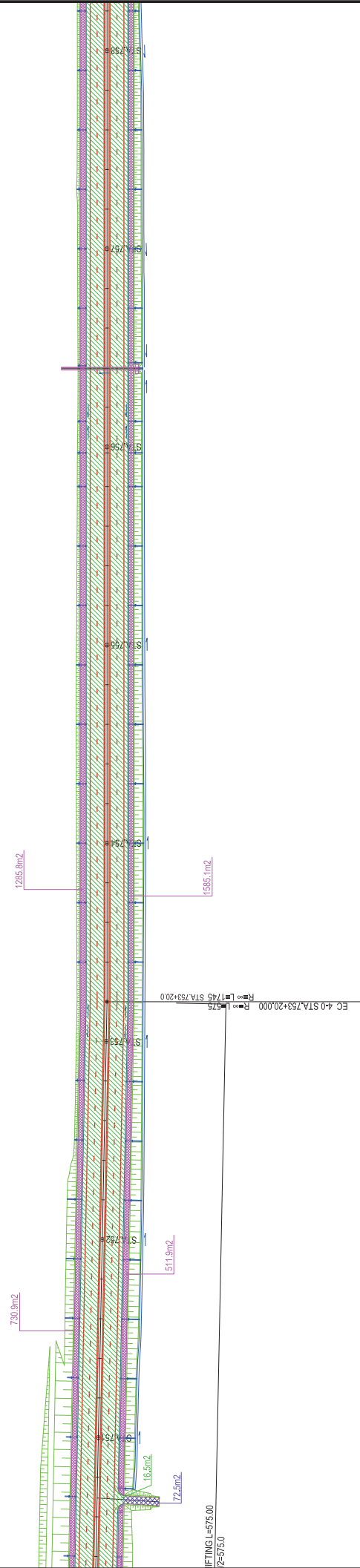
- MAIN ROAD PAVEMENT STRUCTURE TYPE-1**
  - WEARING COURSE : GRADED ASPHALT CONCRETE | 5 cm
  - BINDER COURSE : FINE GRADED ASPHALT CONCRETE | 5 cm
  - BASE COURSE : CRUSHED STONE | 25 cm
  - SUB-BASE COURSE : SANDY GRAVEL | 40 cm
- MAIN ROAD PAVEMENT STRUCTURE TYPE-2**
  - WEARING COURSE : MODIFIED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

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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 20 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

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

TITLE:  
LAYOUT PLAN OF  
PAVEMENT STRUCTURE(4)

CHECKED

APPROVED

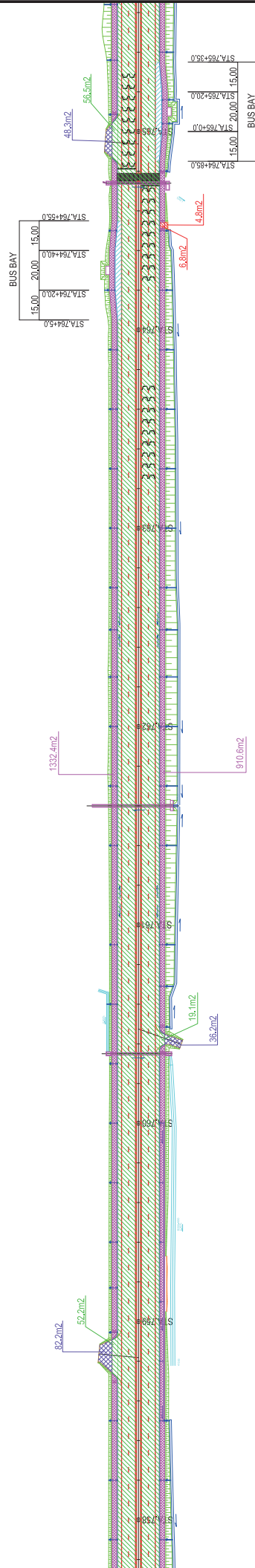
SCALE  
(A1 SIZE)  
1:1000

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

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CTI ENGINEERING INTERNATIONAL CO., LTD.

TITLE:  
LAYOUT PLAN OF  
PAVEMENT STRUCTURE(5)

CHECKED

APPROVED

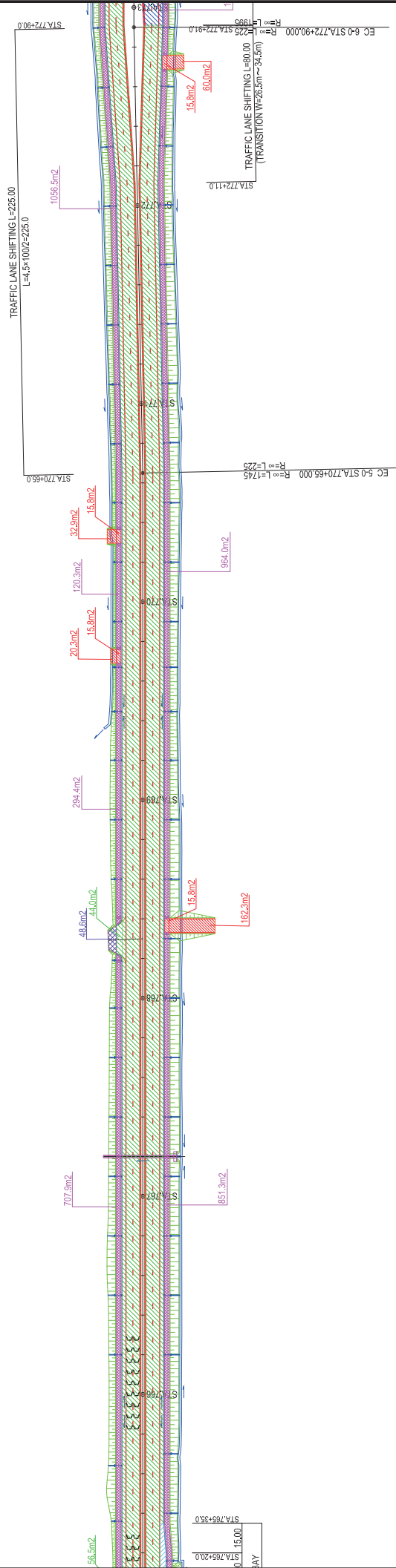
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1:1000

DATE

DRAWING NO.  
PV-07

SHEET NO.  
7/15

# LAYOUT PLAN OF PAVEMENT STRUCTURE(6)



## MAIN ROAD PAVEMENT STRUCTURE

TYPE-1  
WEARING COURSE : GRADED ASPHALT CONCRETE 15 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 15 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  
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THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF  
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IN THE REPUBLIC OF TAJIKISTAN

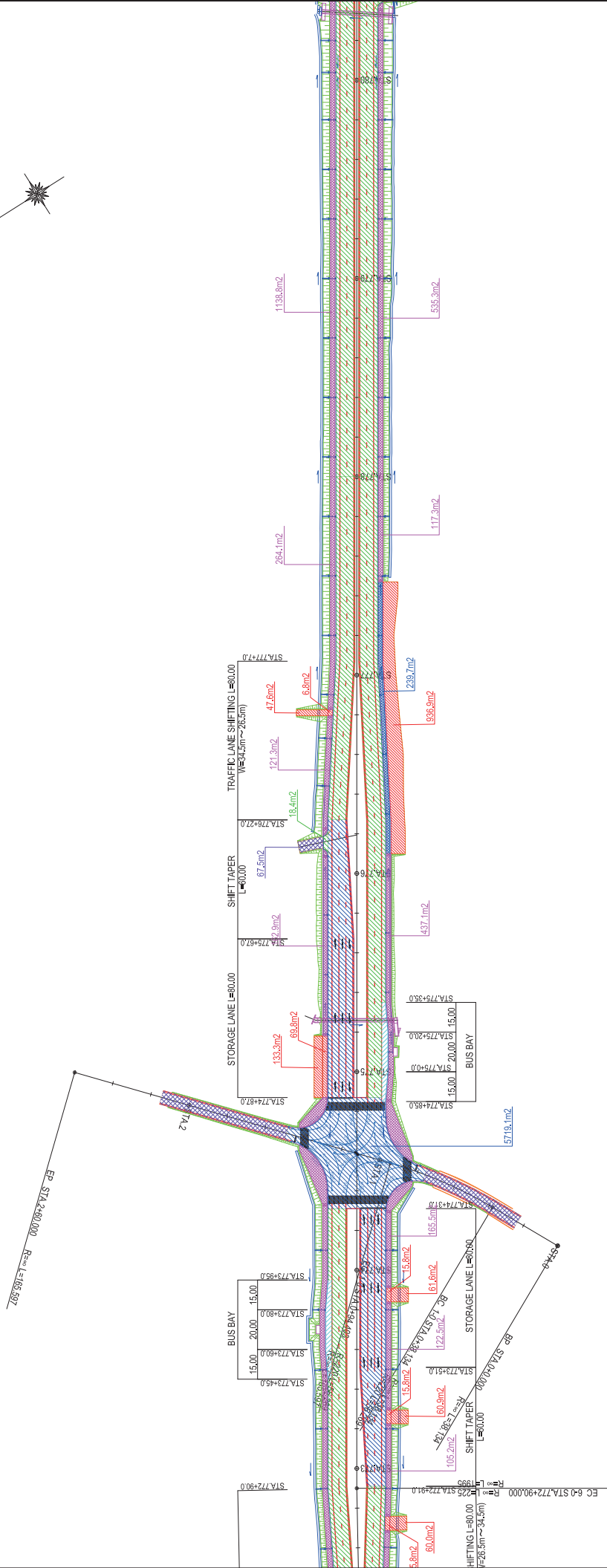
JAPAN INTERNATIONAL COOPERATION AGENCY  
CTI ENGINEERING INTERNATIONAL CO., LTD.

TITLE:  
LAYOUT PLAN OF  
PAVEMENT STRUCTURE(6)

CHECKED  
APPROVED  
SCALE (A1 SIZE)  
1:1000  
DATE

DRAWING NO.  
PV-15  
SHEET NO.  
8/15

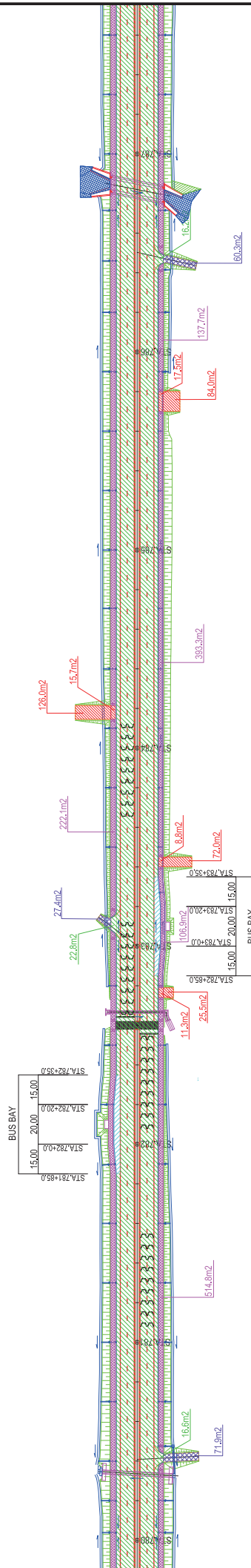
# LAYOUT PLAN OF PAVEMENT STRUCTURE(7)



- 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 PAVEMENT STRUCTURE TYPE-1**
  - WEARING COURSE : DENSE GRADED ASPHALT CONCRETE (5 cm)
  - BASE COURSE : CRUSHED STONE (15 cm)
- BUS BAY PAVEMENT STRUCTURE TYPE-2**
  - WEARING COURSE : CONCRETE (25 cm)
  - BASE COURSE : CRUSHED STONE (25 cm)

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# LAYOUT PLAN OF PAVEMENT STRUCTURE(8)



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

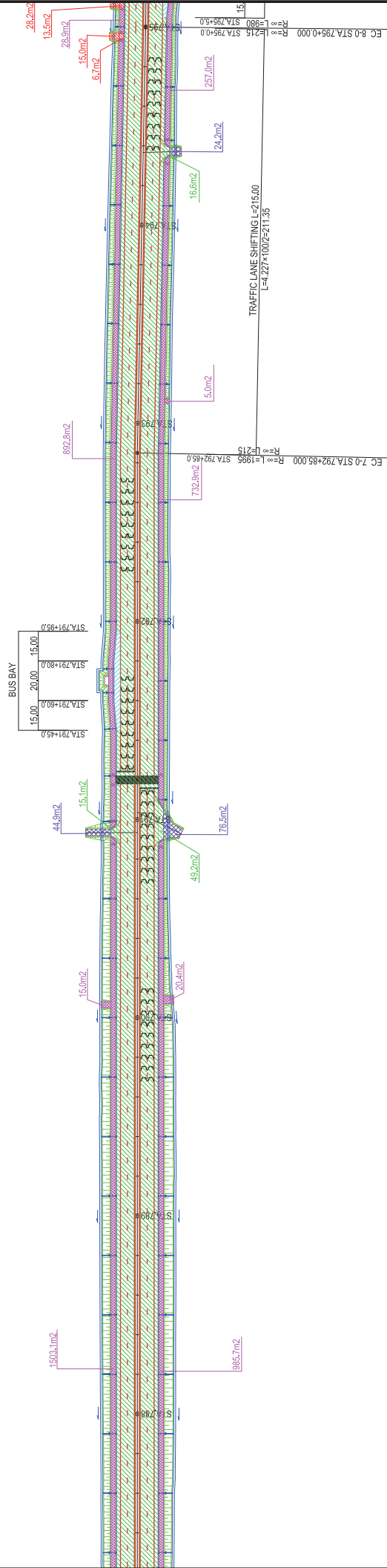
WEARING COURSE : DENSE GRADED ASPHALT CONCRETE | 5 cm  
BASE COURSE : CRUSHED STONE | 15 cm

BUS BAY/VEHICLE CROSSING PAVEMENT STRUCTURE  
TYPE-2

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

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# 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

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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

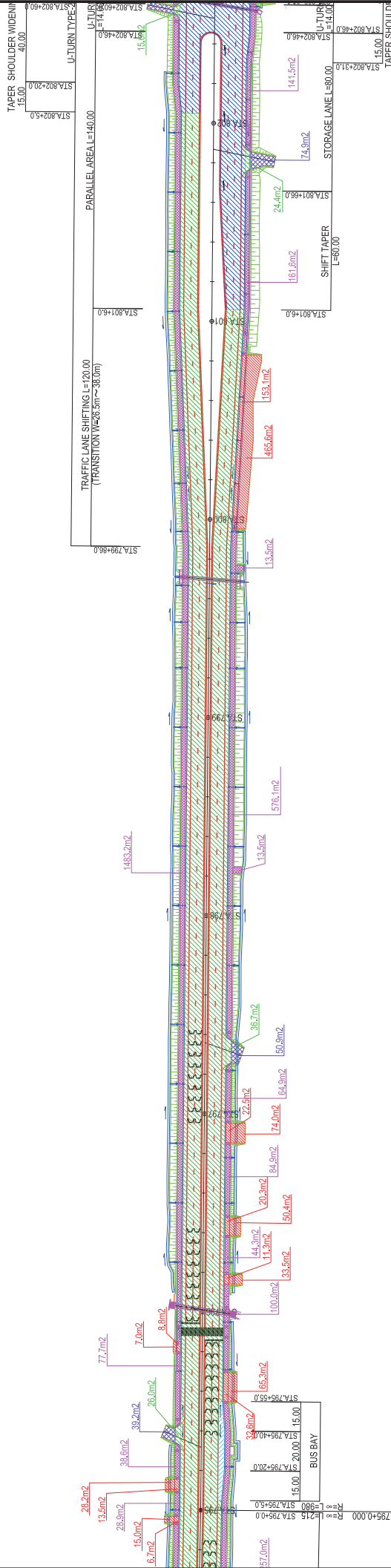
DATE

DRAWING NO.  
PV-11

SHEET NO.  
11/15



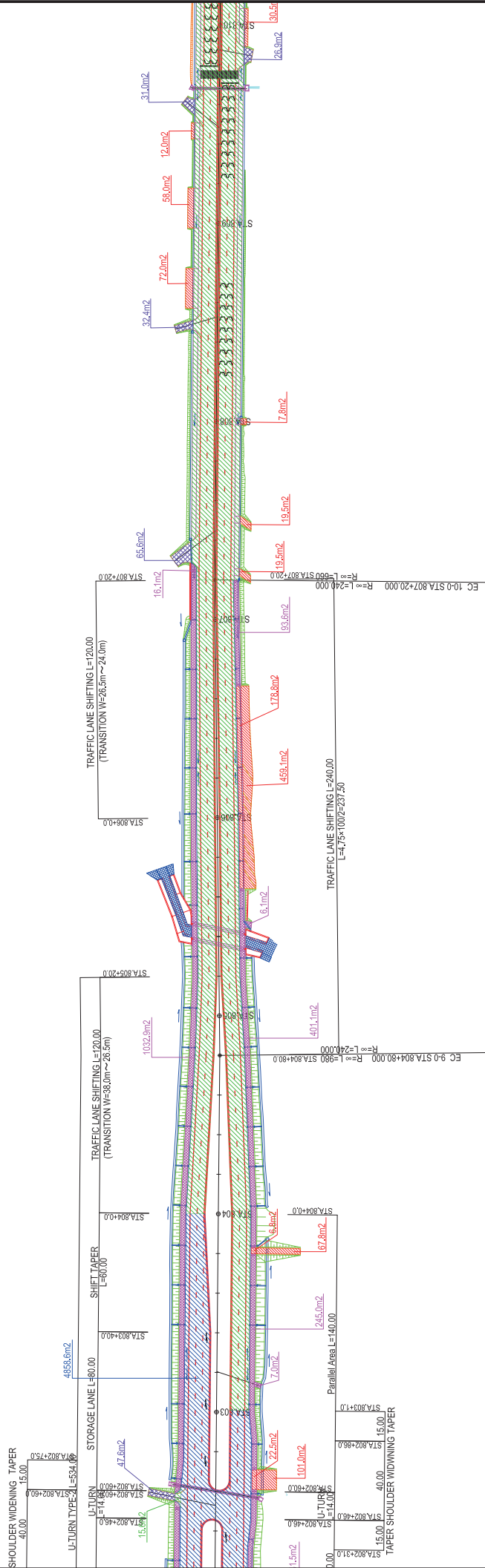
# LAYOUT PLAN OF PAVEMENT STRUCTURE(10)



- 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: <b>LAYOUT PLAN OF PAVEMENT STRUCTURE(10)</b>			CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO. PV-12	SHEET NO. 12/15

# 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

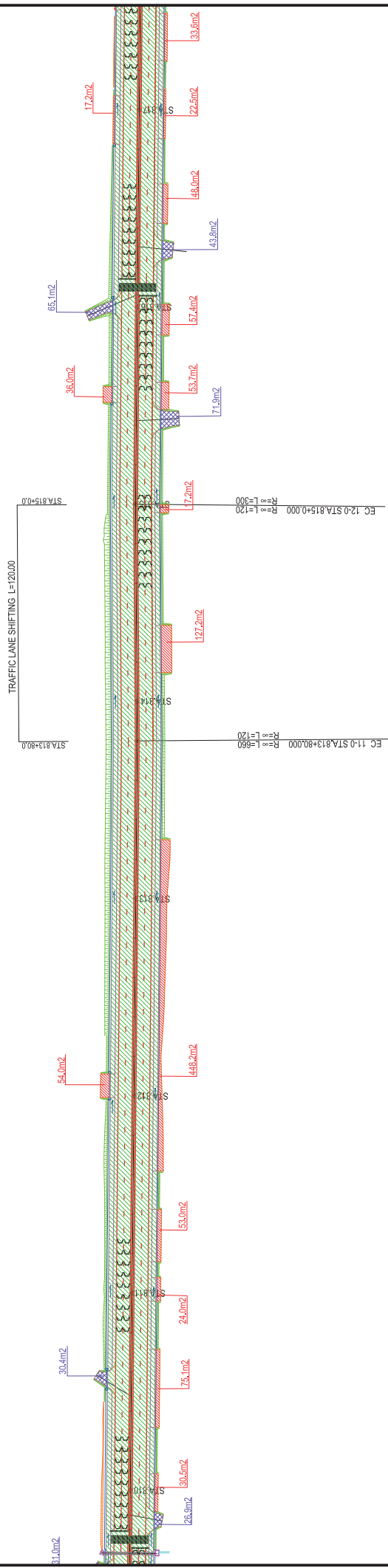
- WEARING COURSE : DENSE GRADED ASPHALT CONCRETE (5 cm)
- BASE COURSE : CRUSHED STONE (15 cm)

**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			TITLE: LAYOUT PLAN OF PAVEMENT STRUCTURE(11)			CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO. PV-13	SHEET NO. 13/15
	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.											

# LAYOUT PLAN OF PAVEMENT STRUCTURE(12)

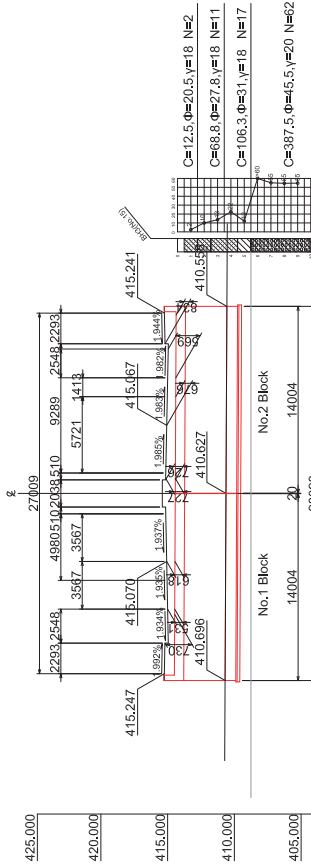


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: LAYOUT PLAN OF PAVEMENT STRUCTURE(12)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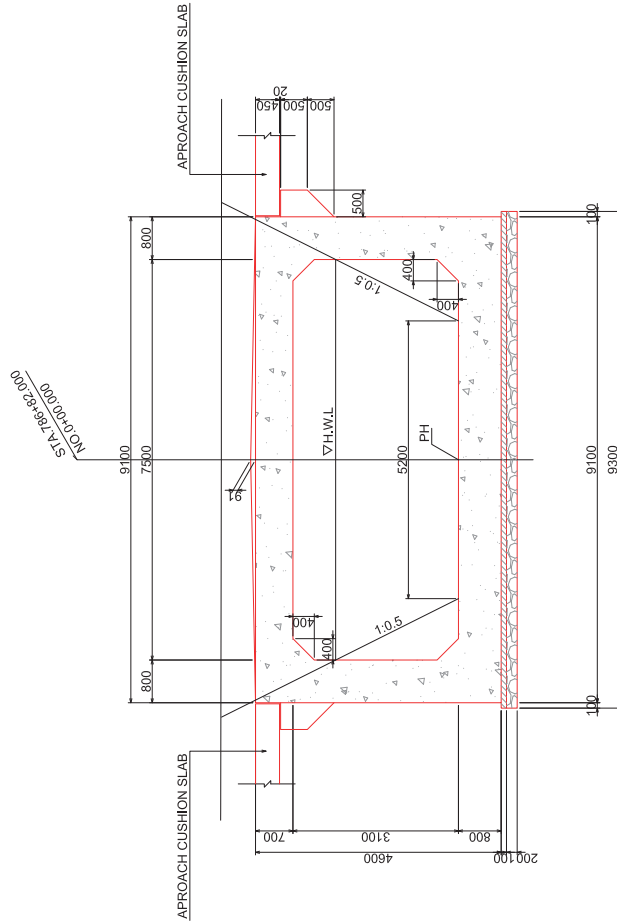
# NO.15 BOX CULVERT GENERAL DRAWINGS (1)

SIDE VIEW S=1:200

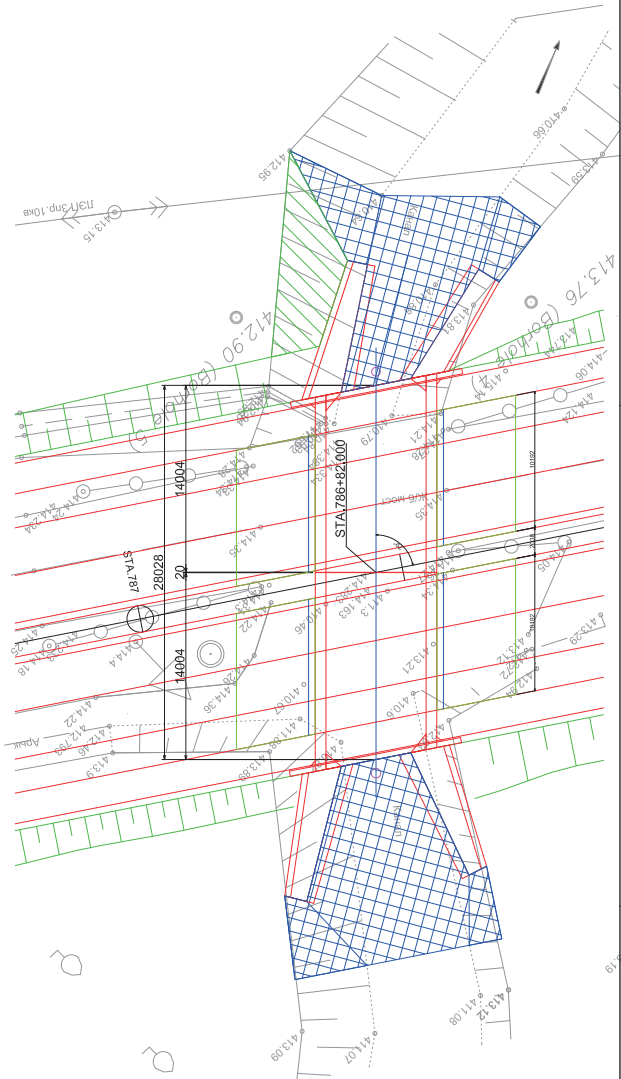


GRADIENT	PROPOSED HEIGHT	DISTANCE	STATION
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410.528	6.186	14.014	1+00.200
410.528	410.528	0.000	NO.0
410.528	410.528	14.014	14.014
410.528	410.528	28008	28008

CROSS SECTION S=1:50



PLAN S=1:200

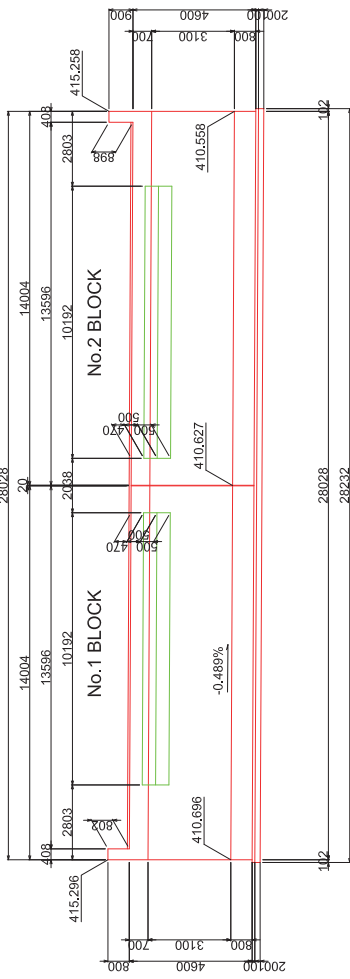


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-ROKHTAR SECTION OF DUSHANBE-ROKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.15 BOX CULVERT GENERAL DRAWINGS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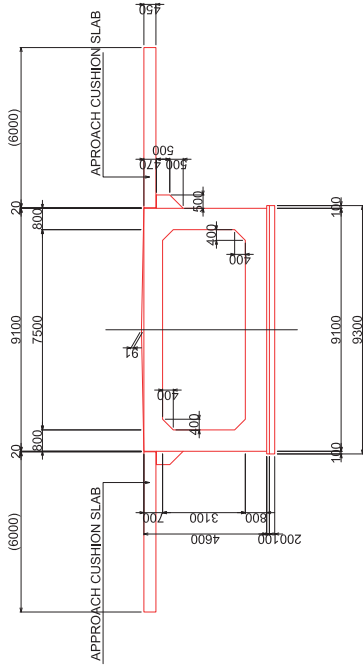
# NO.15 BOX CULVERT GENERAL DRAWINGS (2)

S=1:100

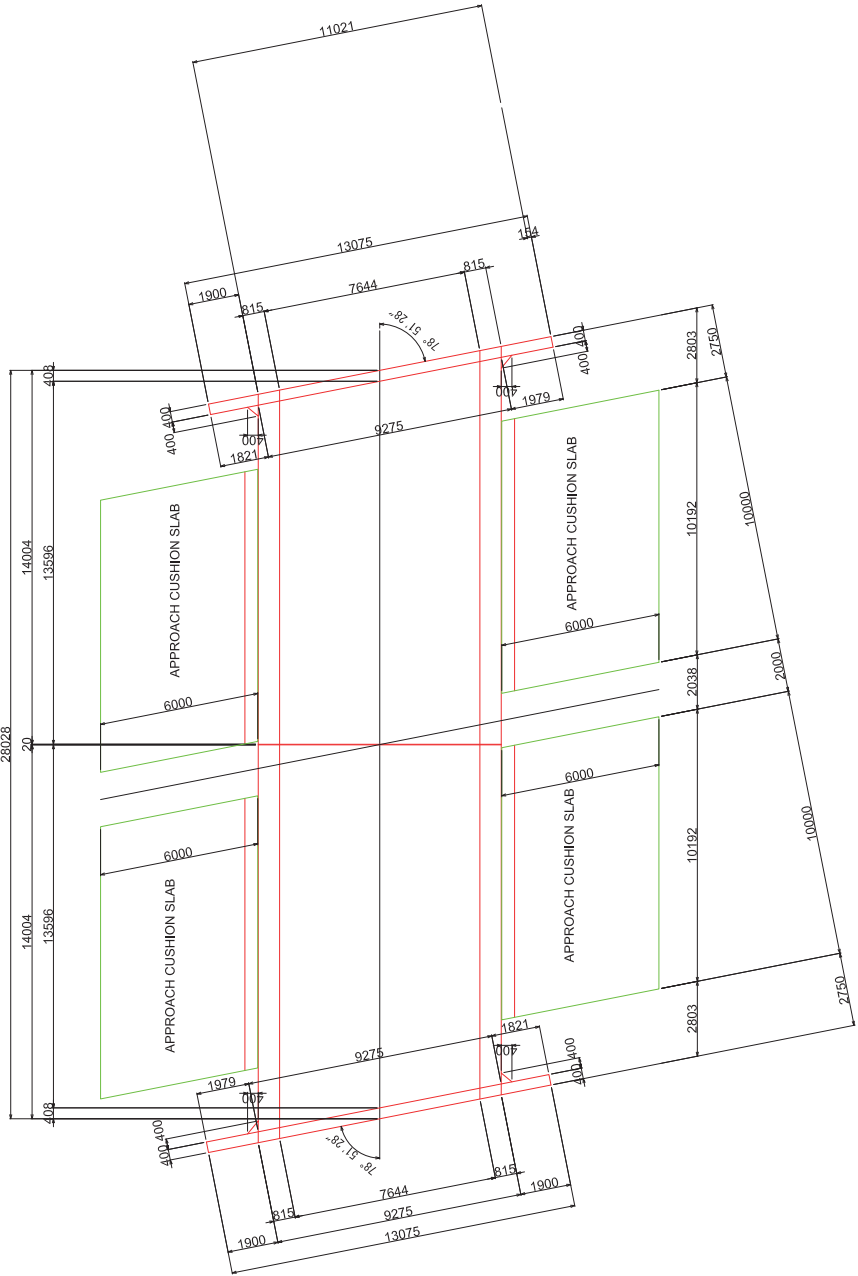
SIDE VIEW



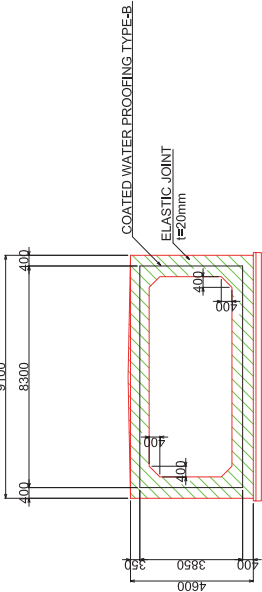
CROSS SECTION



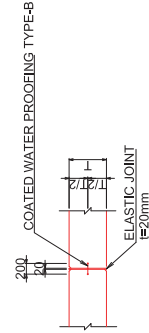
PLAN



JOINT CROSS SECTION



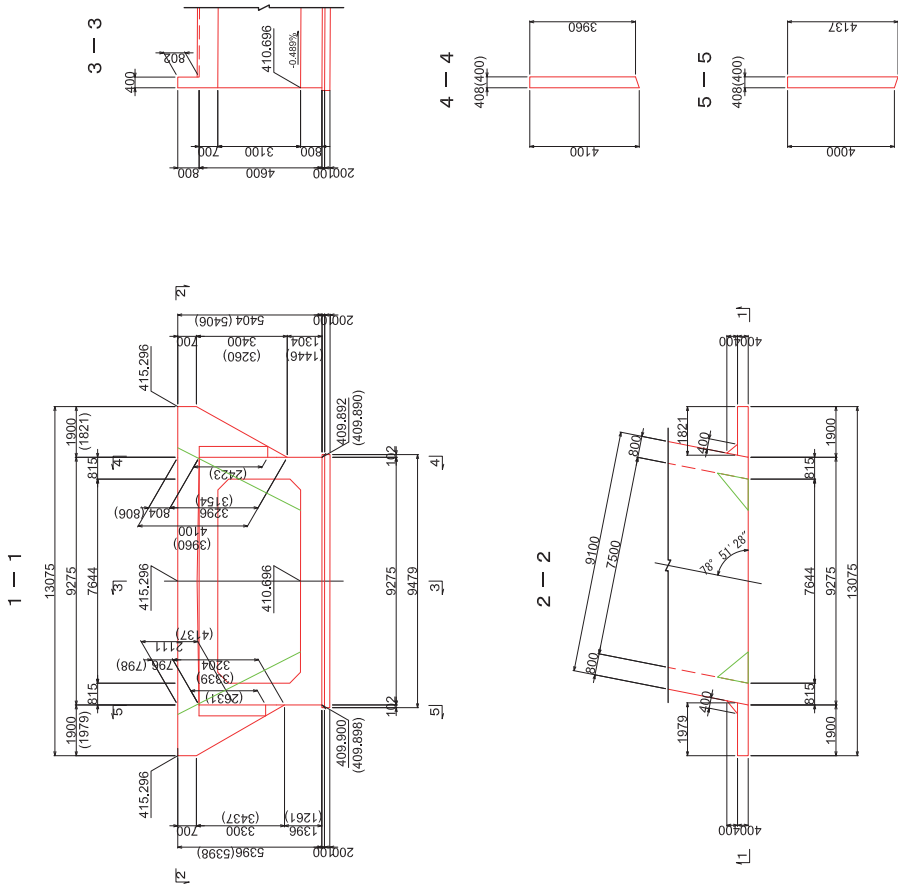
DETAILS OF ELASTIC JOINT  
AND WATER PROOFING S=1:50



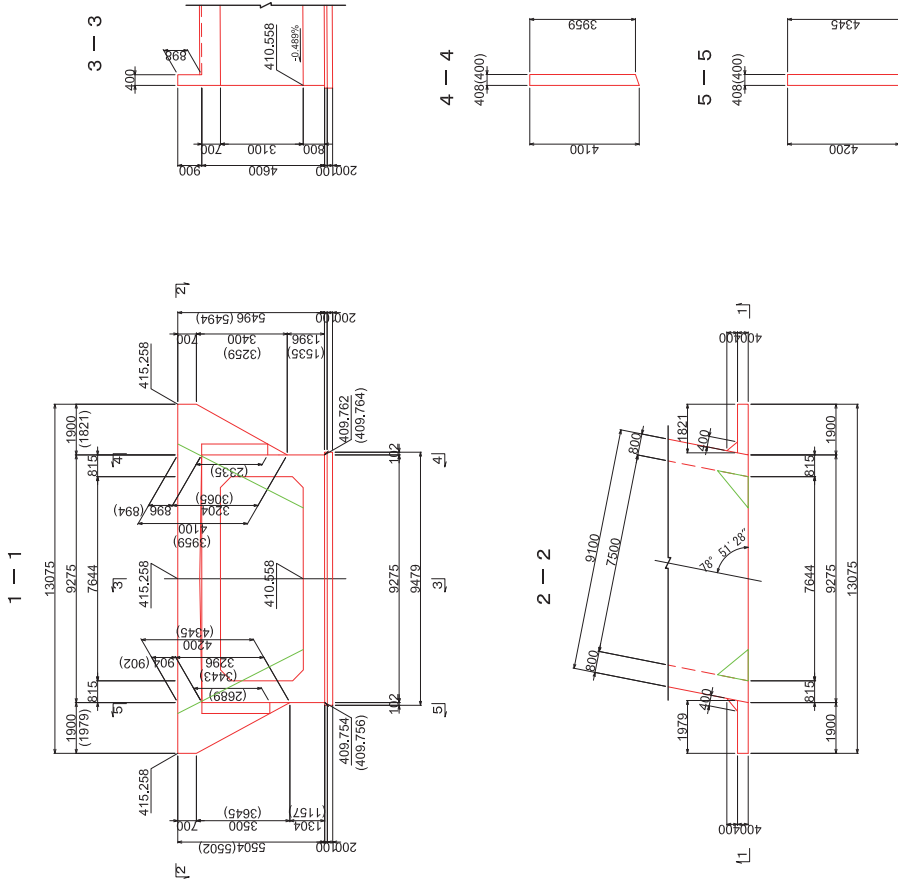
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: <b>NO.15 BOX CULVERT GENERAL DRAWINGS (2)</b>	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.

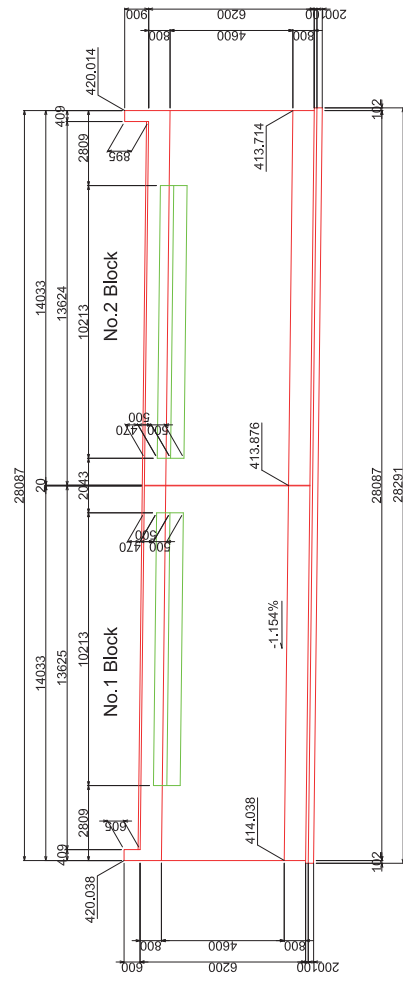
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: <b>NO.15 BOX CULVERT GENERAL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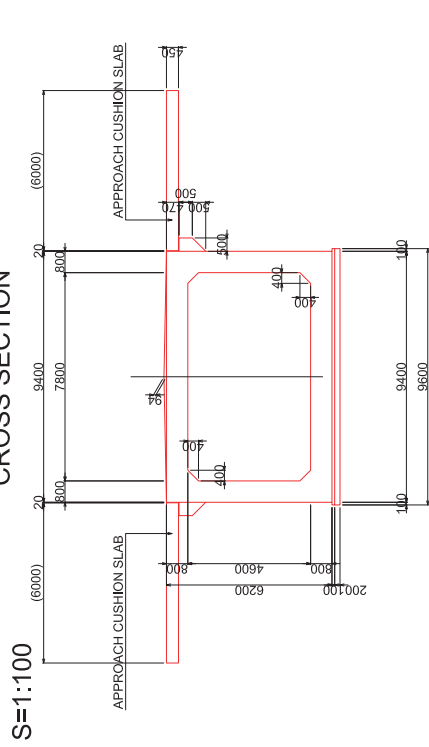


# NO.16 BOX CULVERT GENERAL DRAWINGS (2)

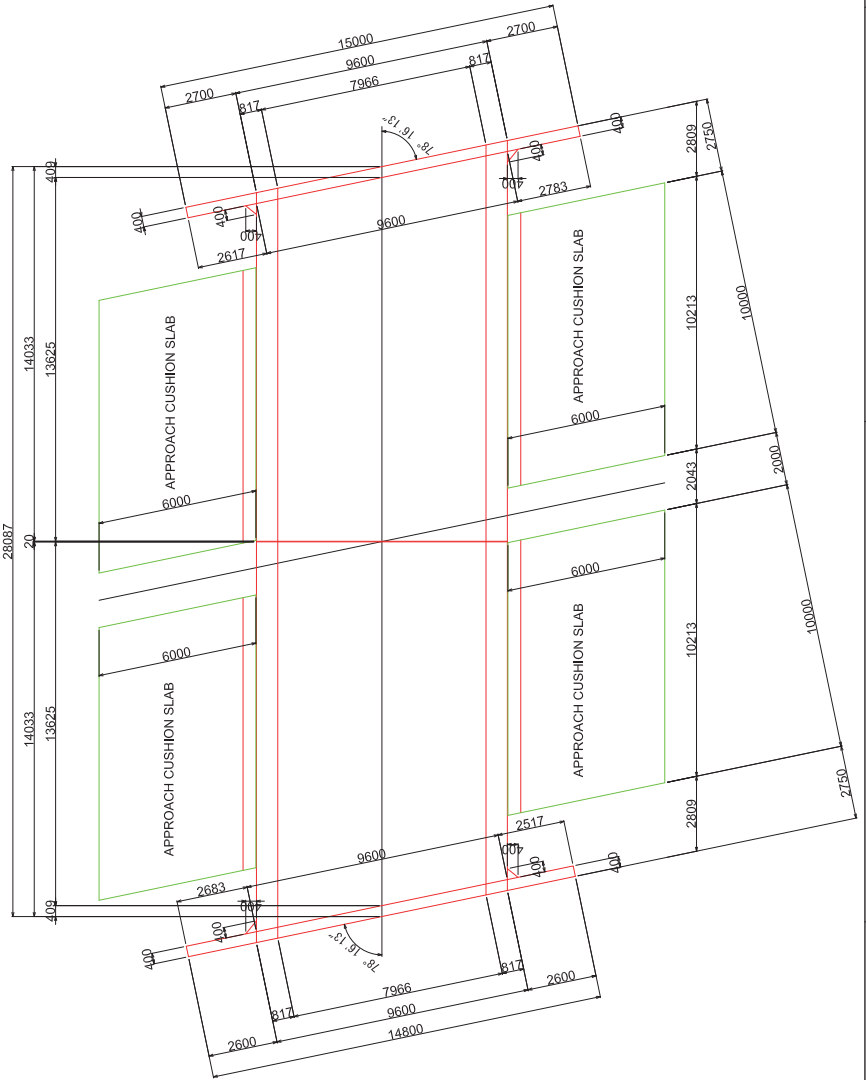
## SIDE VIEW



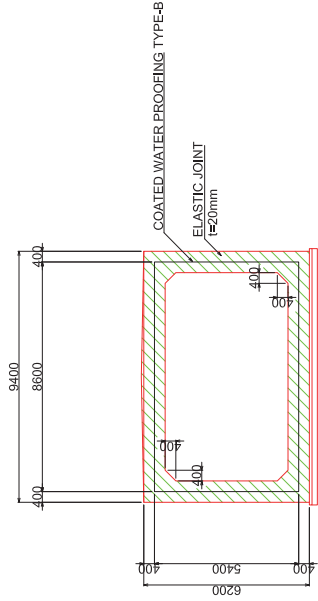
## CROSS SECTION



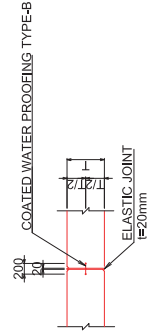
## PLAN



## JOINT CROSS SECTION



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

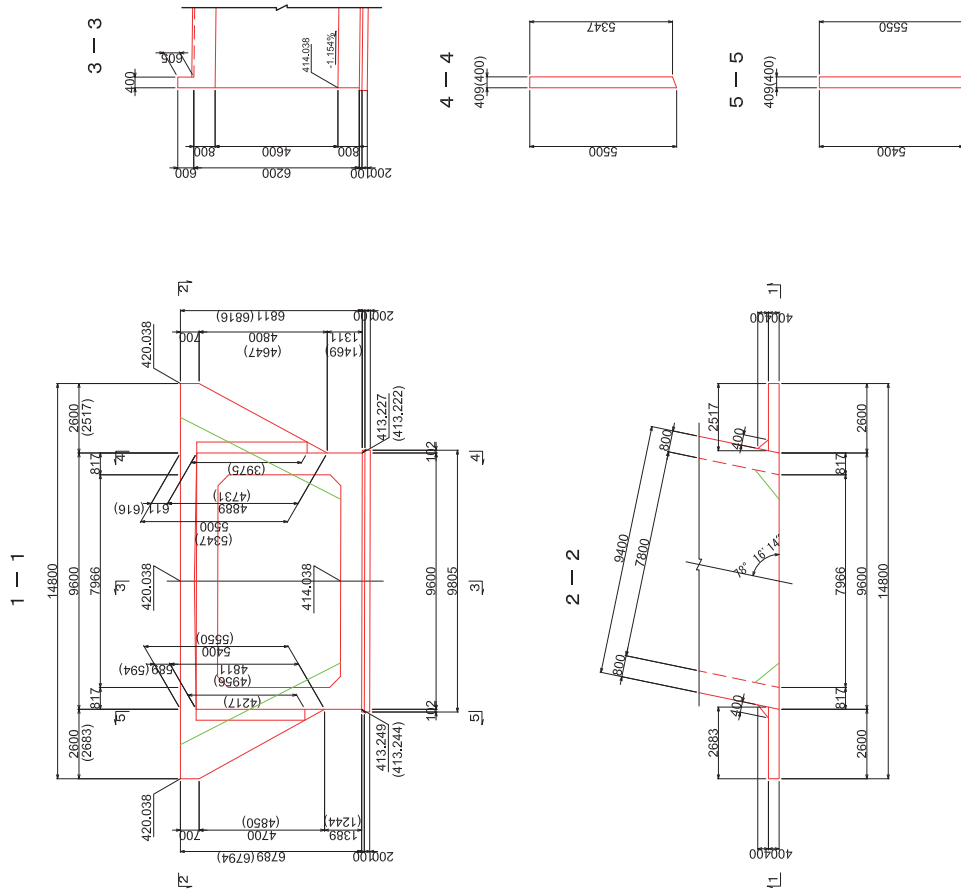


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: <b>NO.16 BOX CULVERT GENERAL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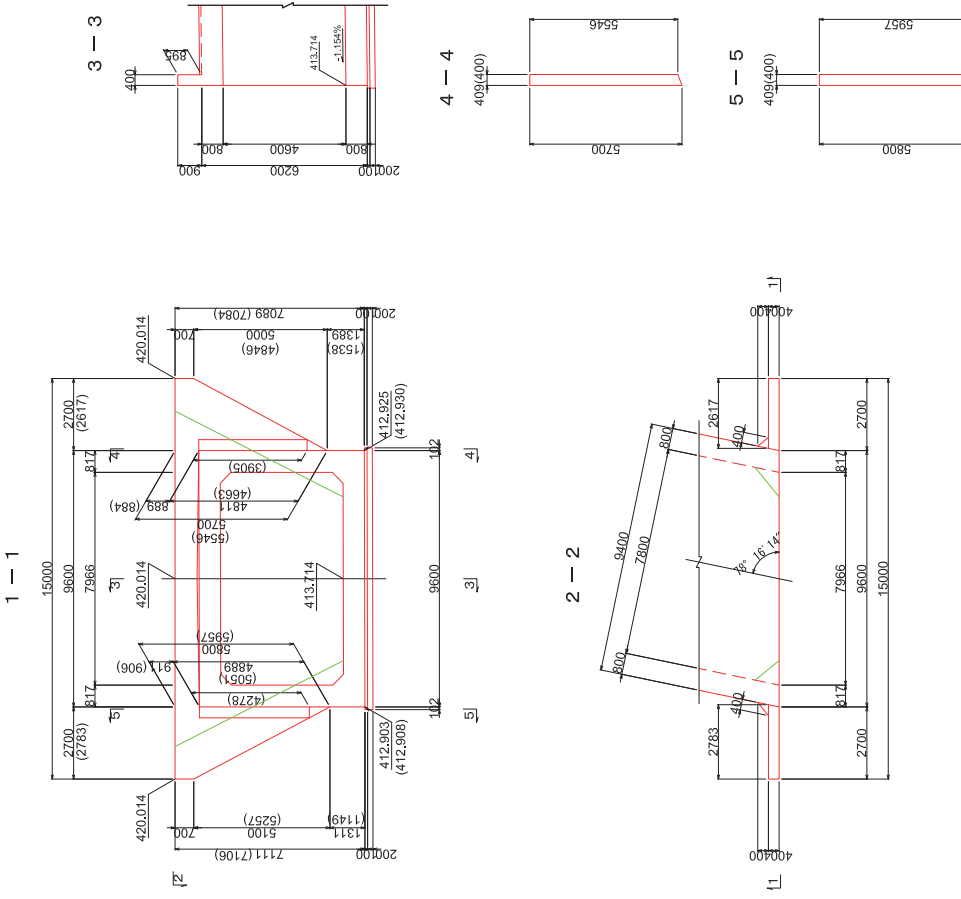
# NO.16 BOX CULVERT GENERAL DRAWINGS (3)

S=1:100

WING WALL ON FRONT (UPSTREAM) SIDE



WING WALL ON BACK (DOWNSTREAM) SIDE

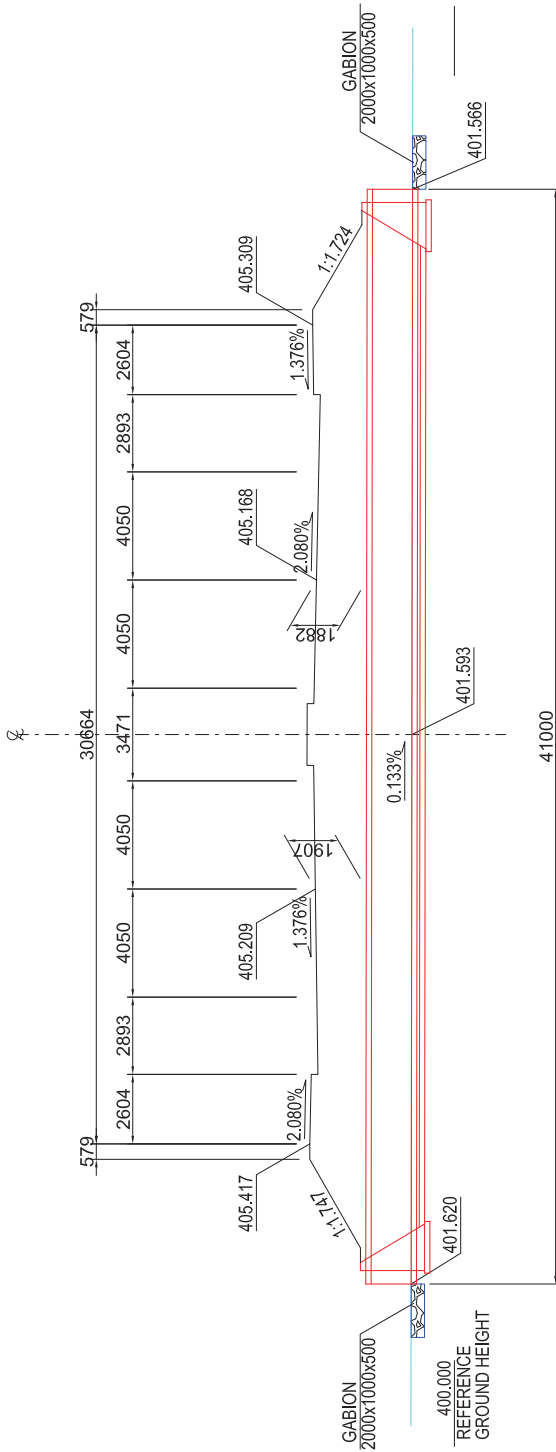


NOTE: THE FIGURES IN PARENTHESES ( ). SHOW DIMENSIONS ON BACKSIDE OF THE WING WALL.

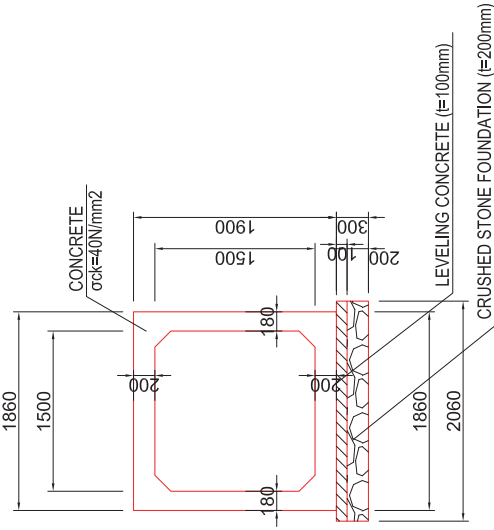
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: <b>NO.16 BOX CULVERT GENERAL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

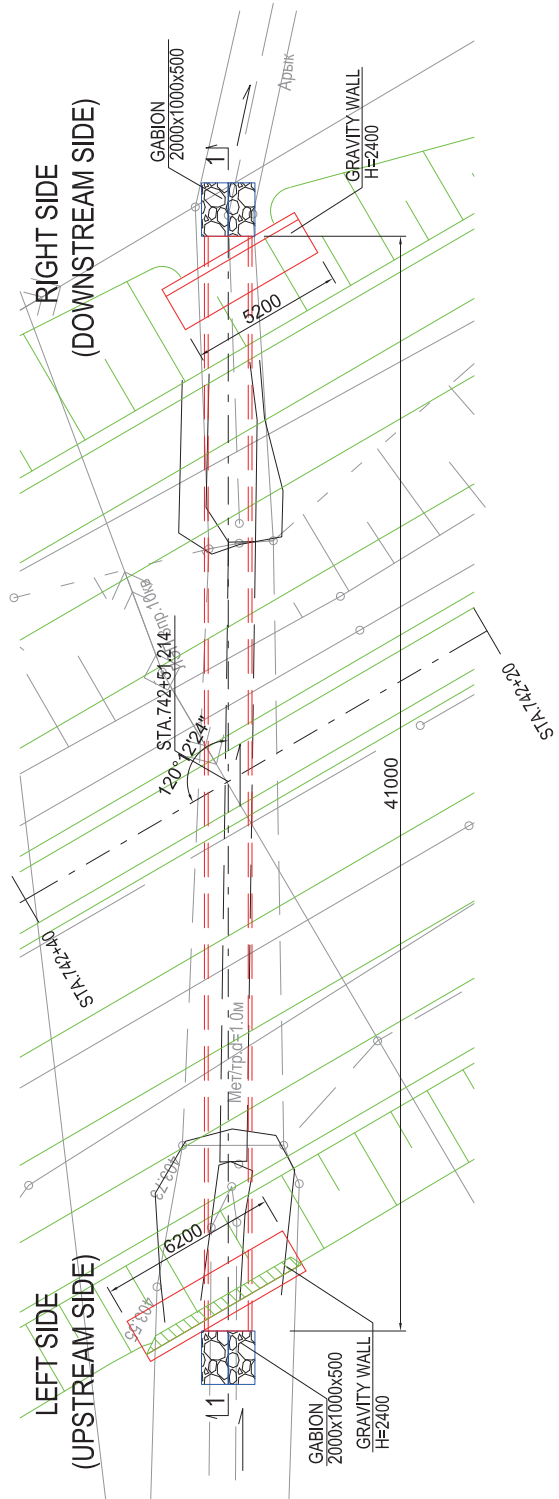
1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



PLAN S=1:100

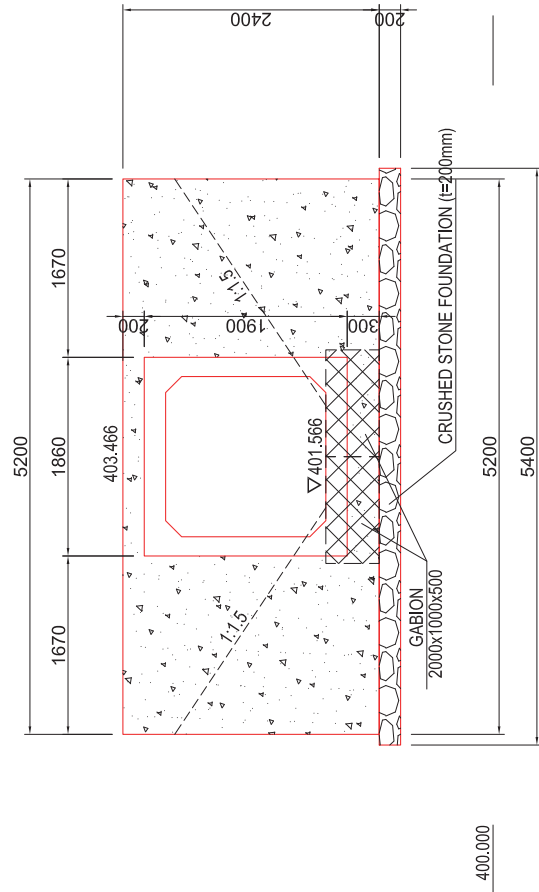


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: <b>NO.1 CROSS DRAINAGE BOX CULVERT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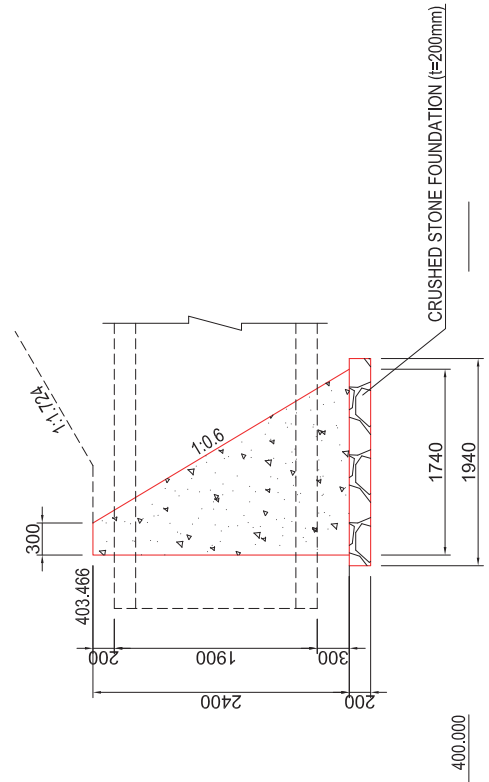
# NO.1 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2)

S=1:25

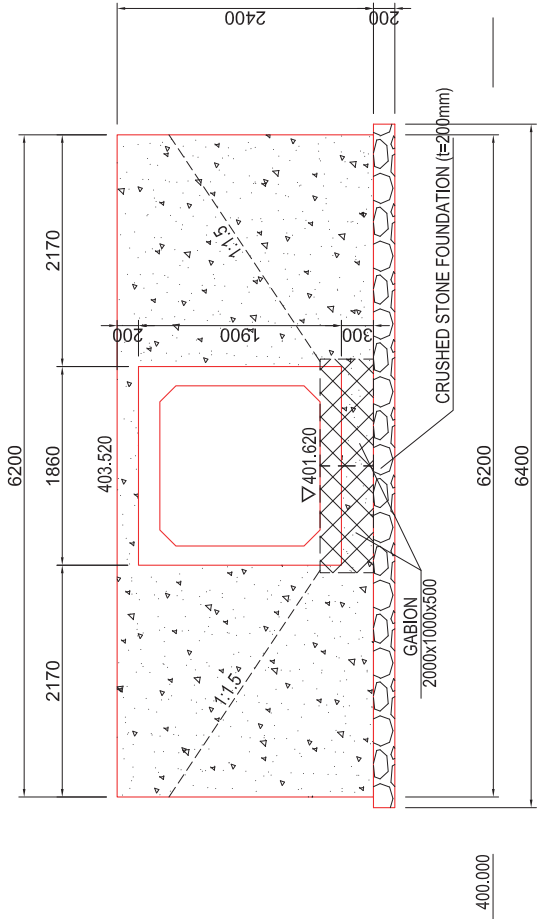
RIGHT SIDE  
(DOWNSTREAM SIDE)  
FRONT VIEW



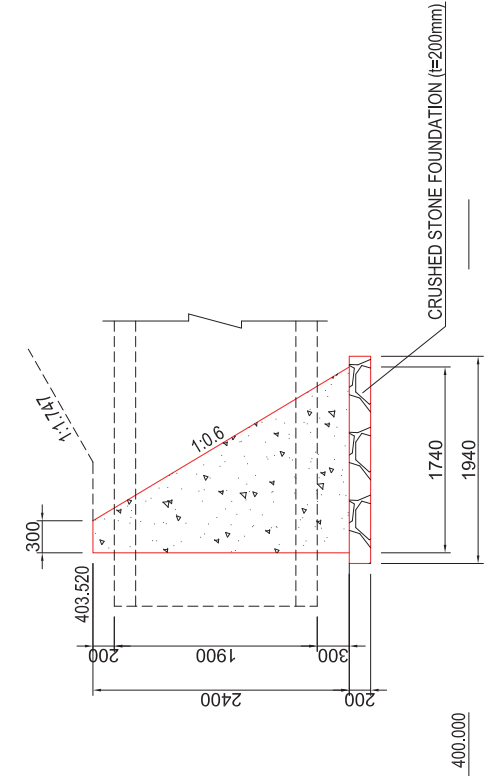
CROSS SECTION



LEFT SIDE  
(UPSTREAM SIDE)  
FRONT VIEW



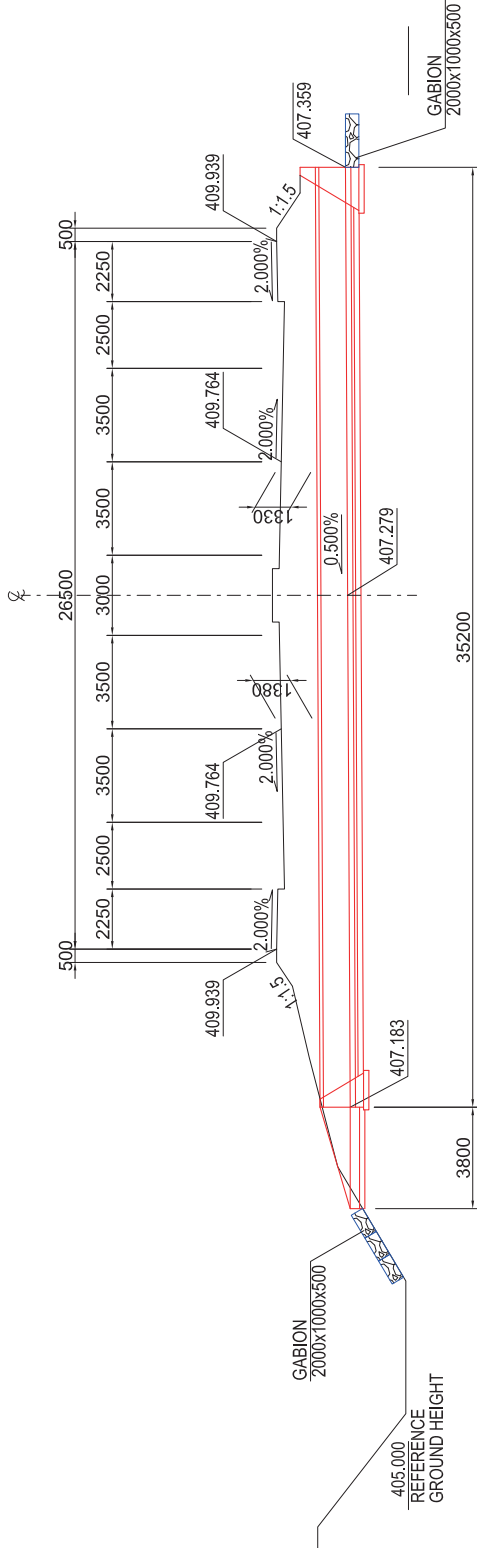
CROSS SECTION



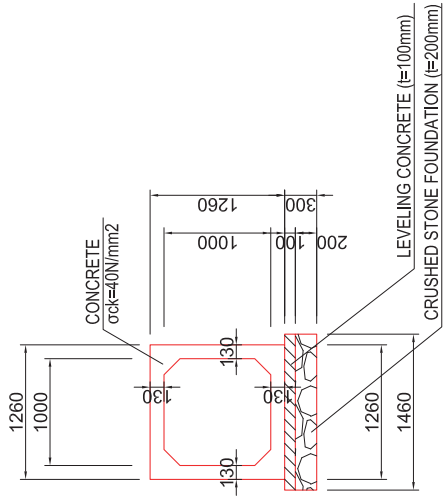
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: <b>NO.1 CROSS DRAINAGE BOX CULVERT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

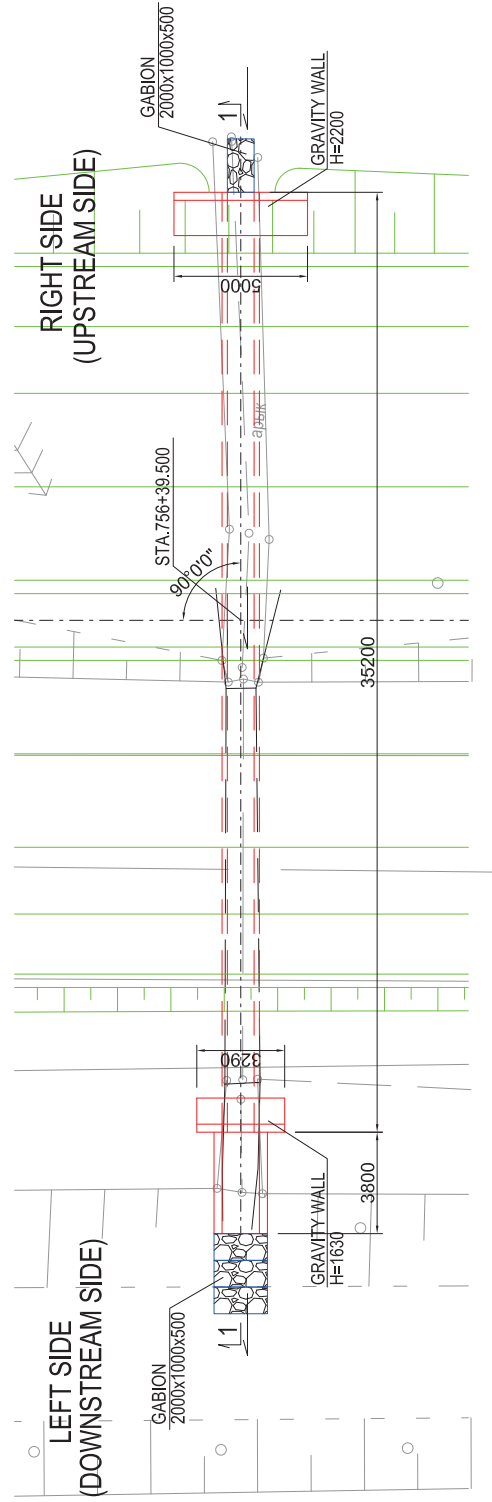
1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



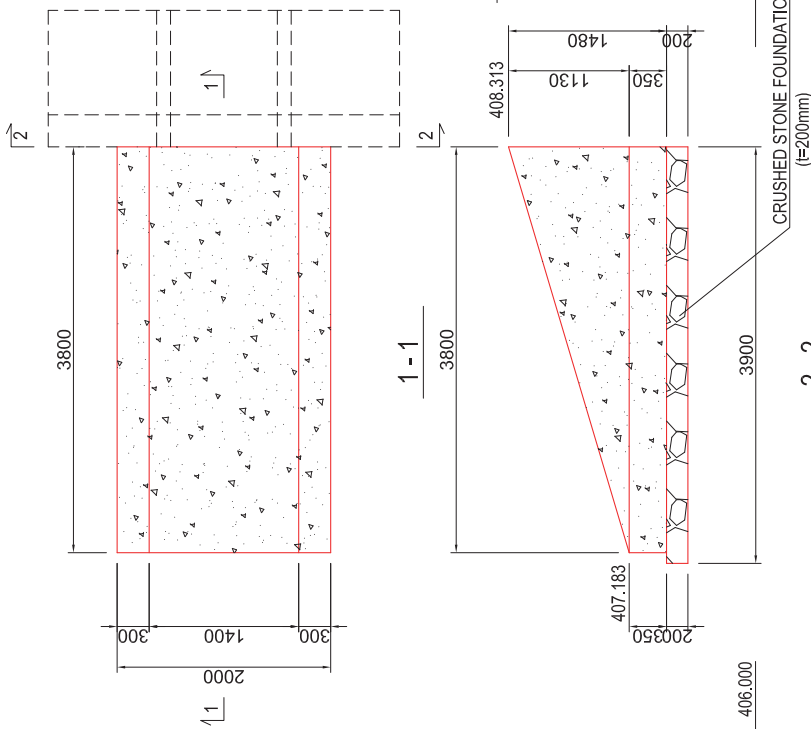
PLAN S=1:100



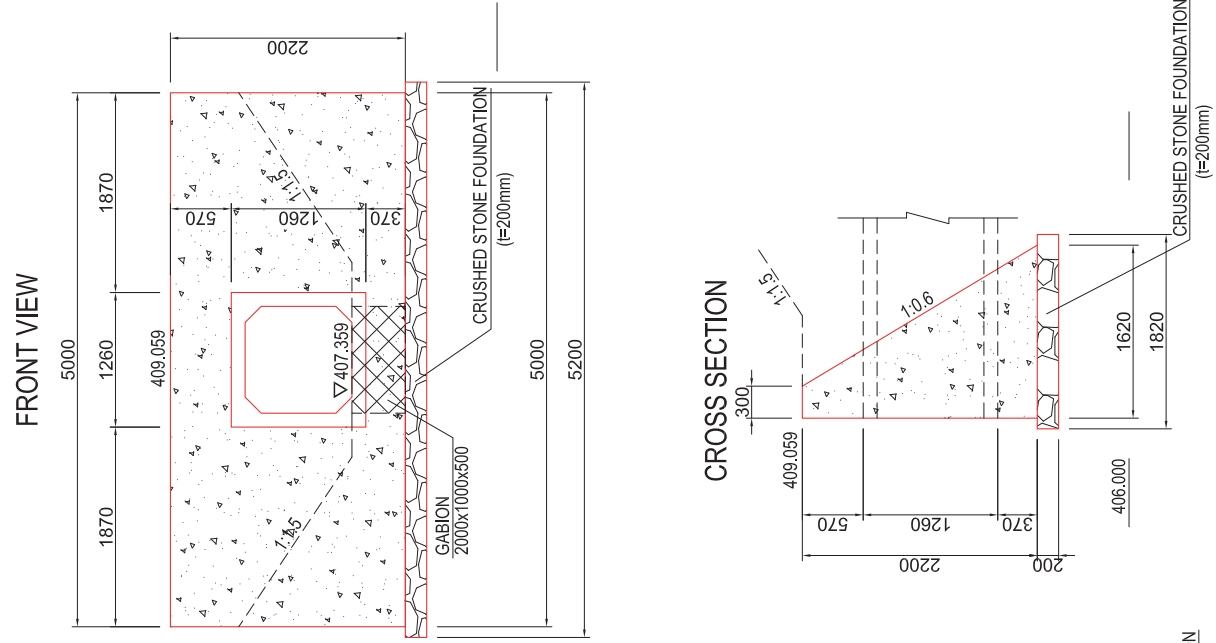
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: <b>NO.2 CROSS DRAINAGE BOX CULVERT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

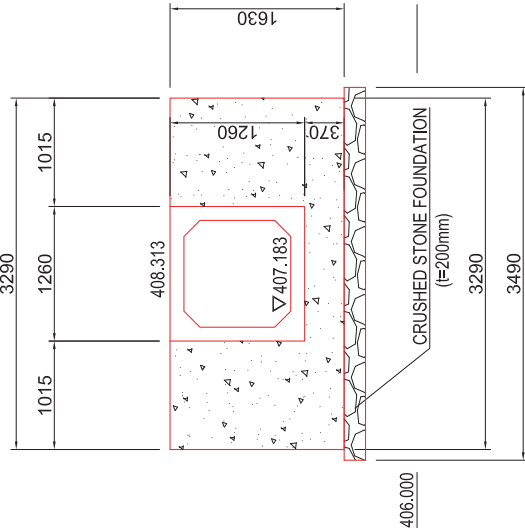
## LEFT SIDE (DOWNSTREAM SIDE)



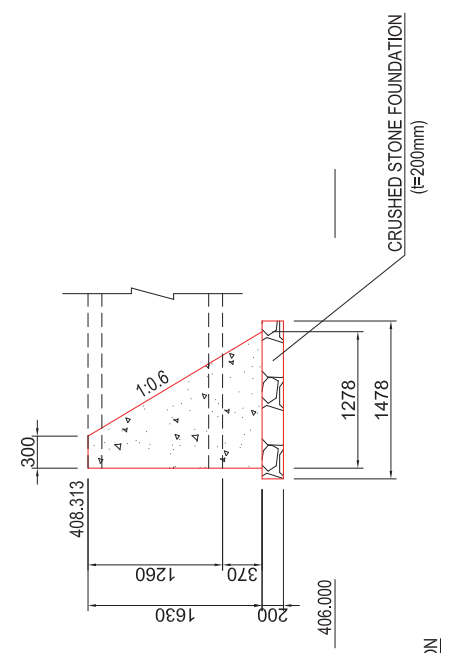
## RIGHT SIDE (UPSTREAM SIDE)



## FRONT VIEW

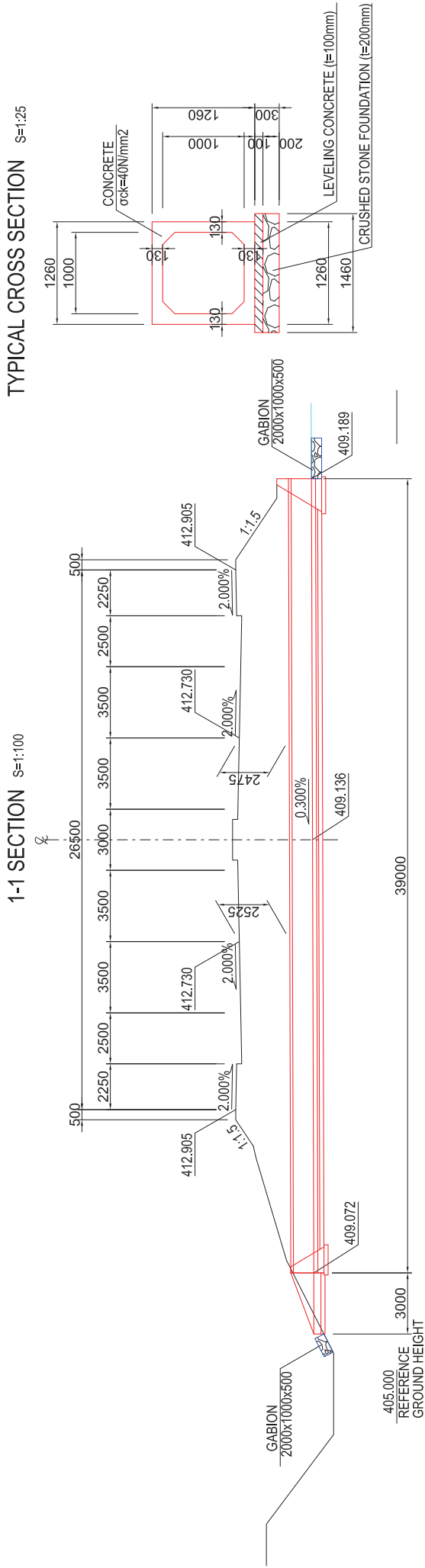


## CROSS SECTION

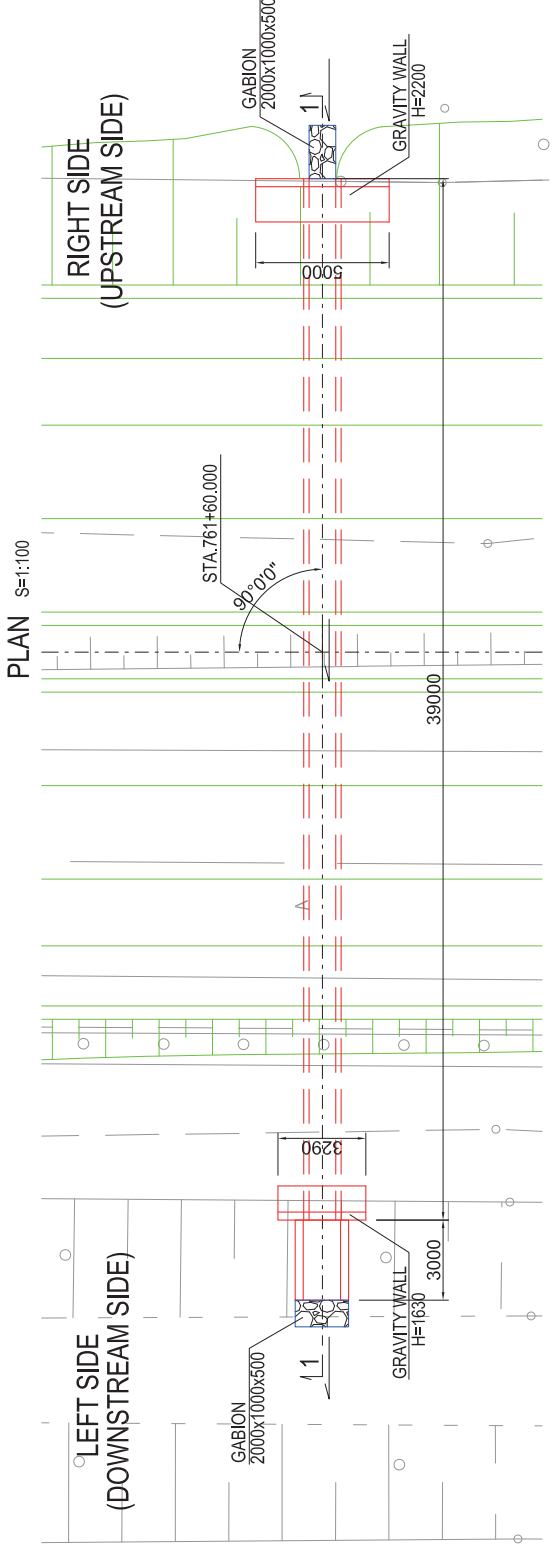
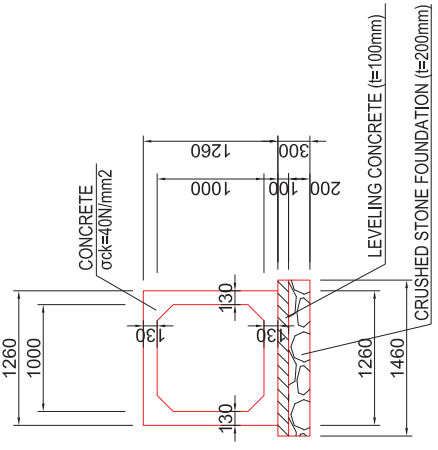


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.2 CROSS DRAINAGE BOX CULVERT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

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



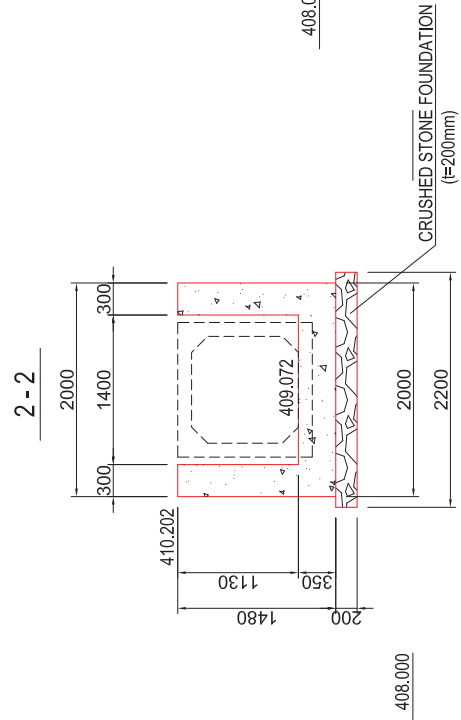
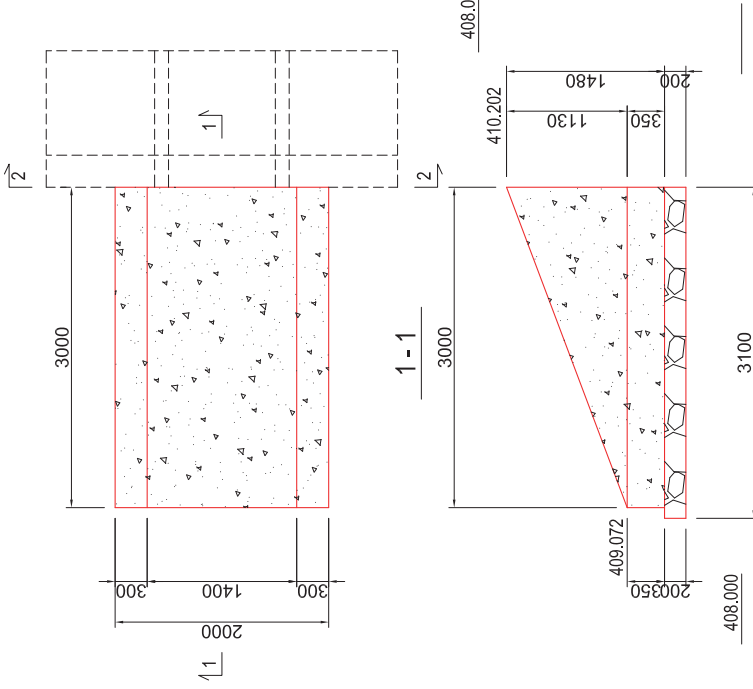
TYPICAL CROSS SECTION S=1:25



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: <b>NO.3 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)</b>	CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE	DRAWING NO. DC-05	SHEET NO. 5/16
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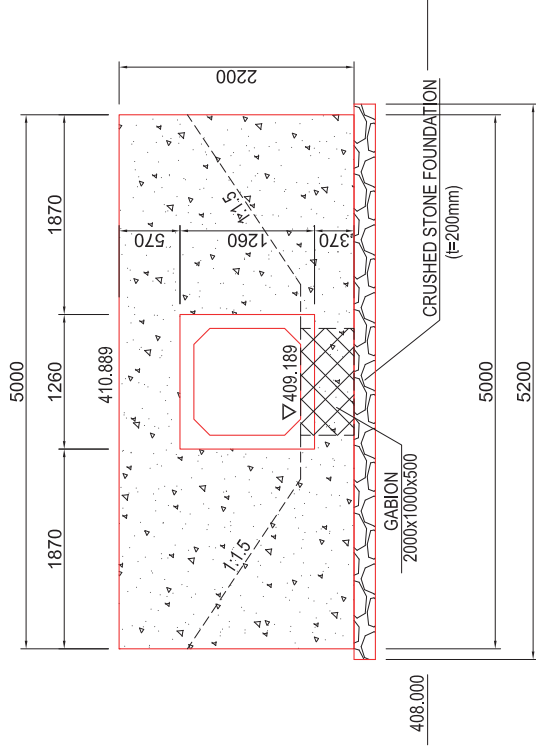
# NO.3 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2) S=1:25

## LEFT SIDE (DOWNSTREAM SIDE)

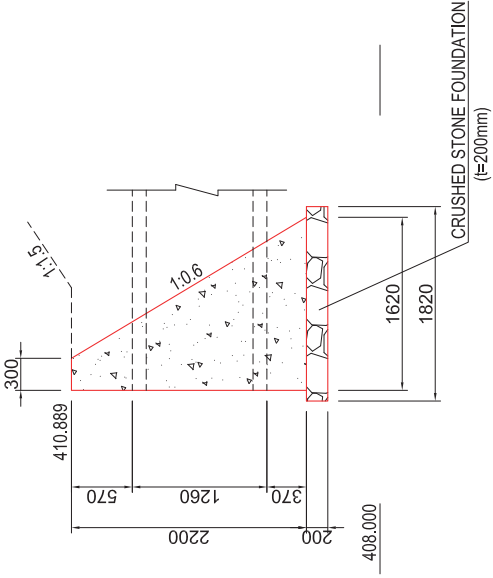


## RIGHT SIDE (UPSTREAM SIDE)

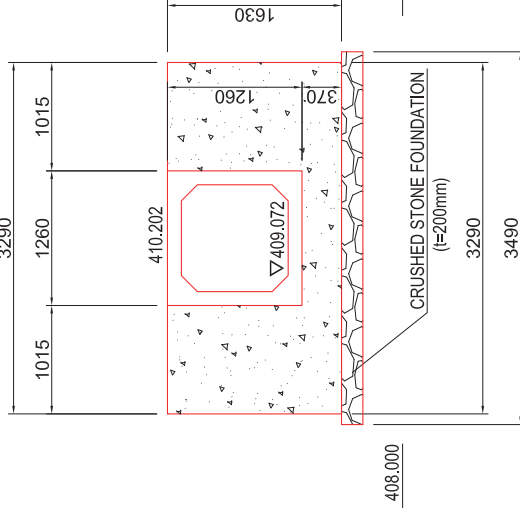
### FRONT VIEW



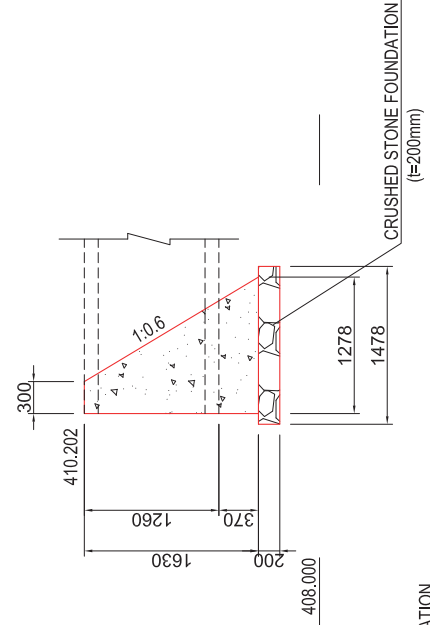
### CROSS SECTION



### FRONT VIEW



### CROSS SECTION

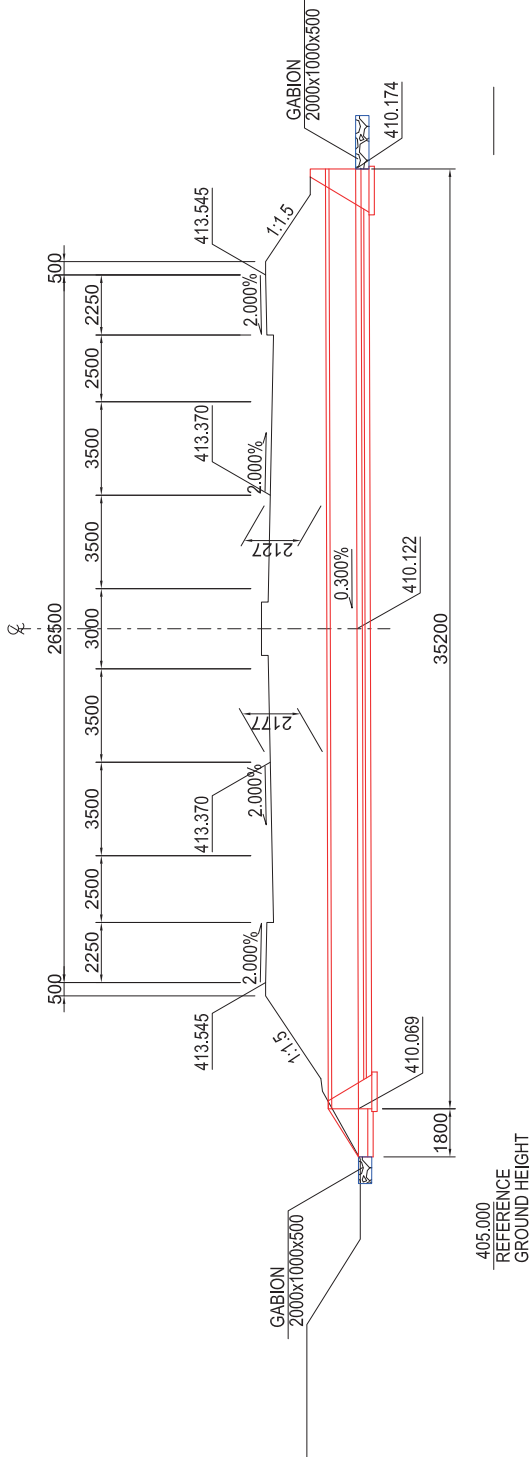


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: <b>NO.3 CROSS DRAINAGE BOX CULVERT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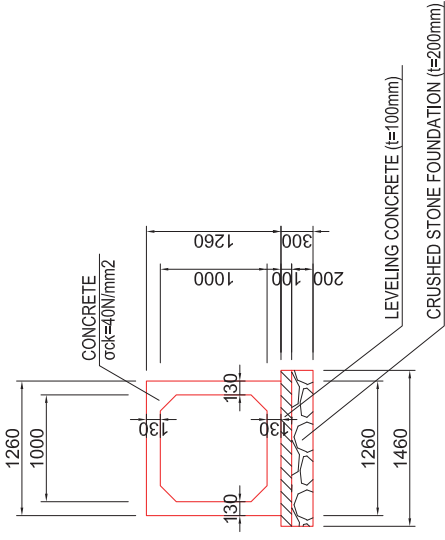


# NO.4 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)

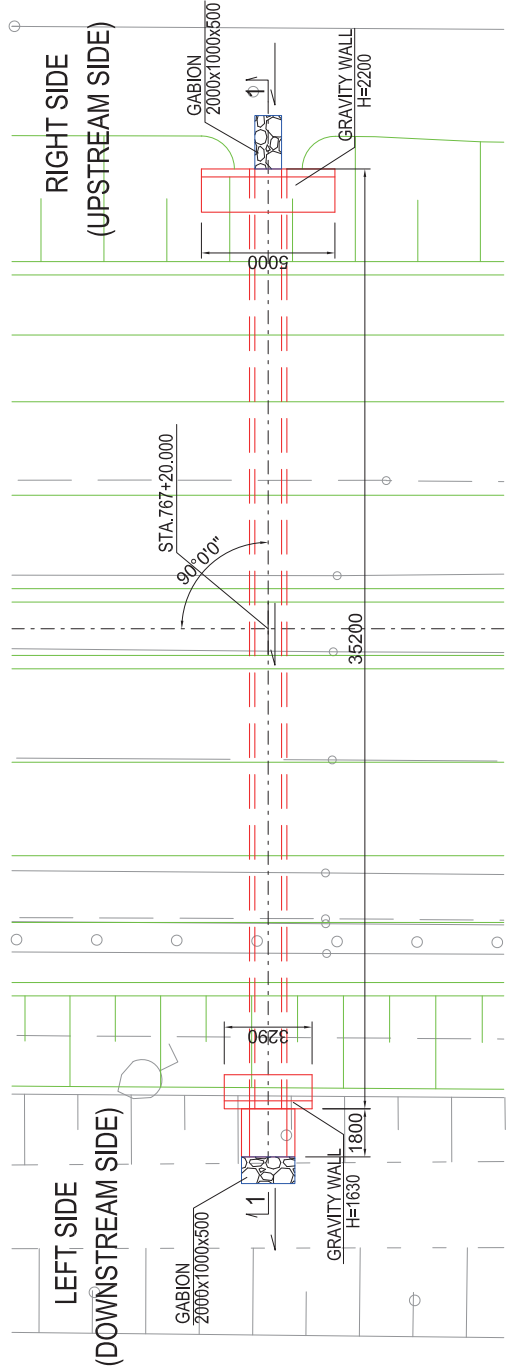
1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



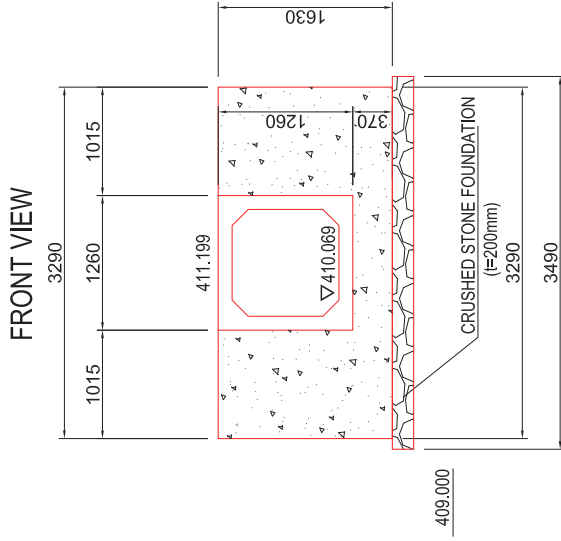
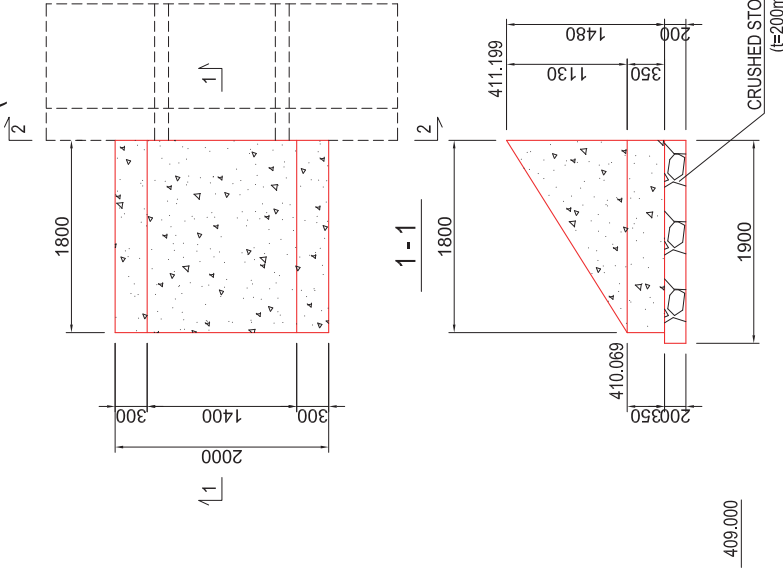
PLAN S=1:100



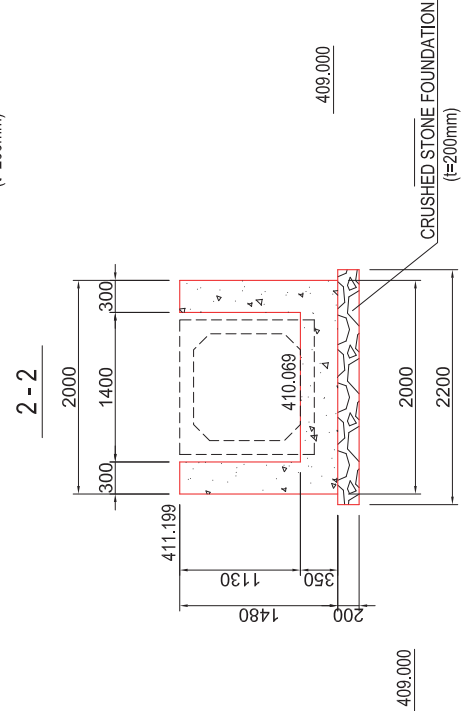
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	TITLE: <b>NO.4 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)</b>	CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE	DRAWING NO. DC-07	SHEET NO. 7/16
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# NO.4 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2) S=1:25

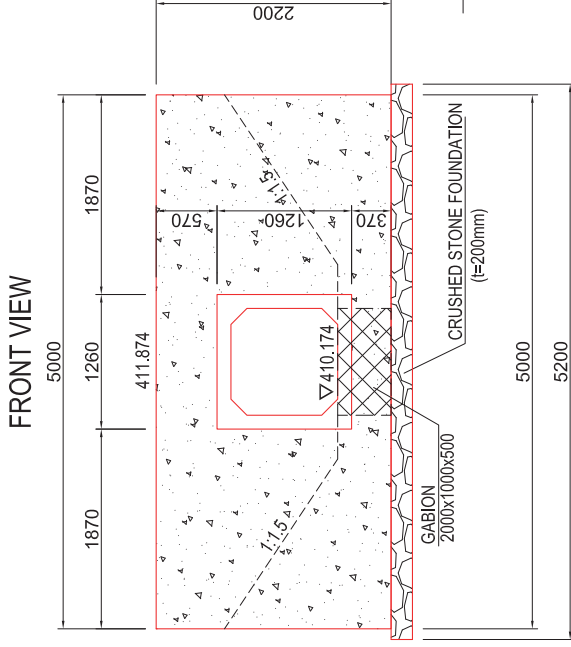
## LEFT SIDE (DOWNSTREAM SIDE)



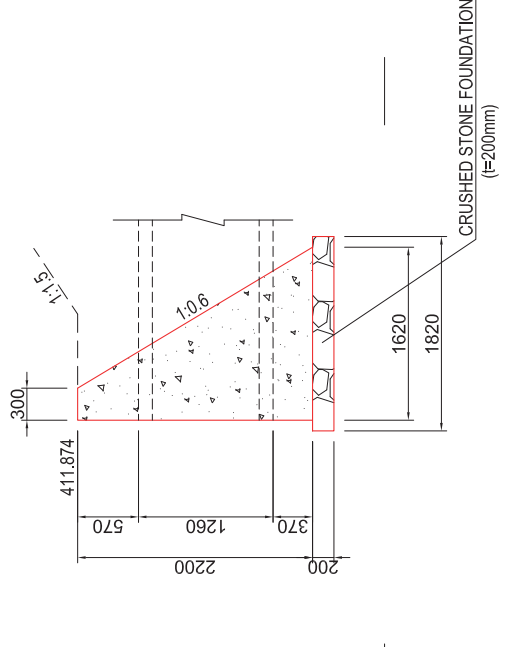
## CROSS SECTION



## RIGHT SIDE (UPSTREAM SIDE)



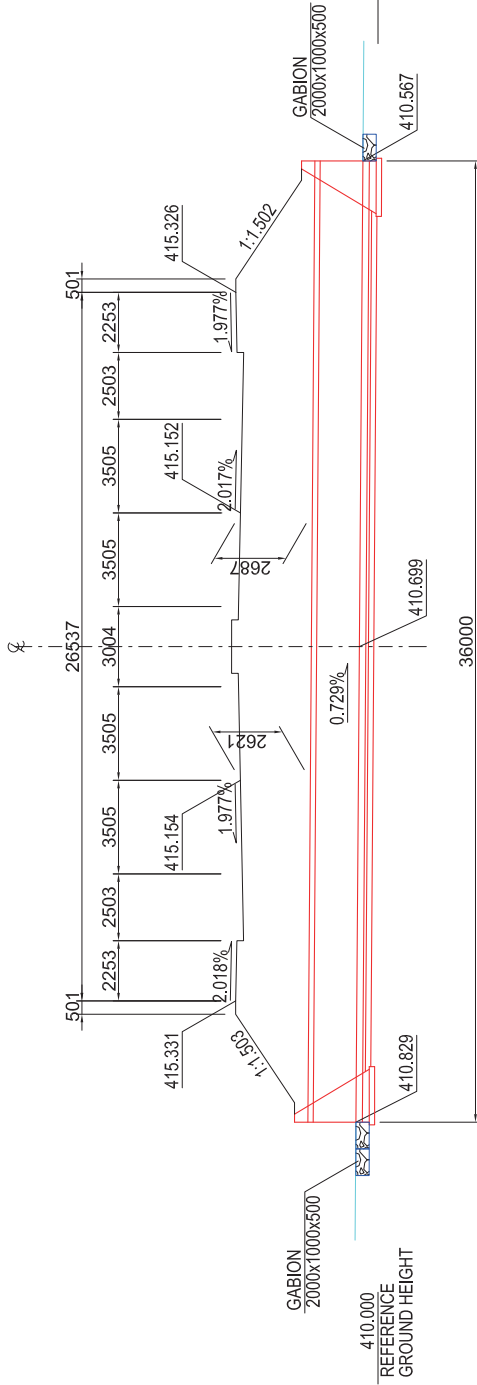
## CROSS SECTION



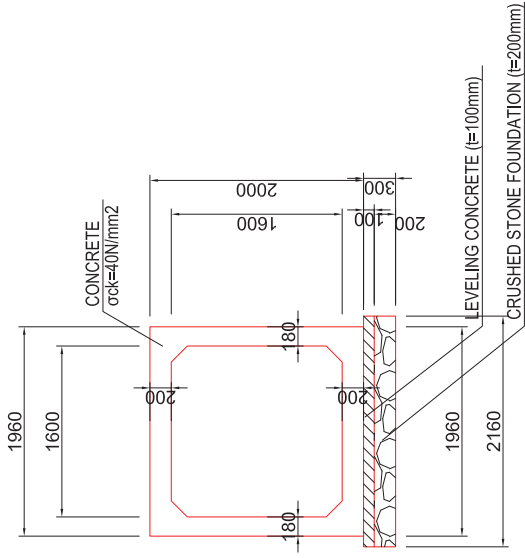
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.4 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:25	DATE	DRAWING NO. DC-08	SHEET NO. 8/16
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# NO.5 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)

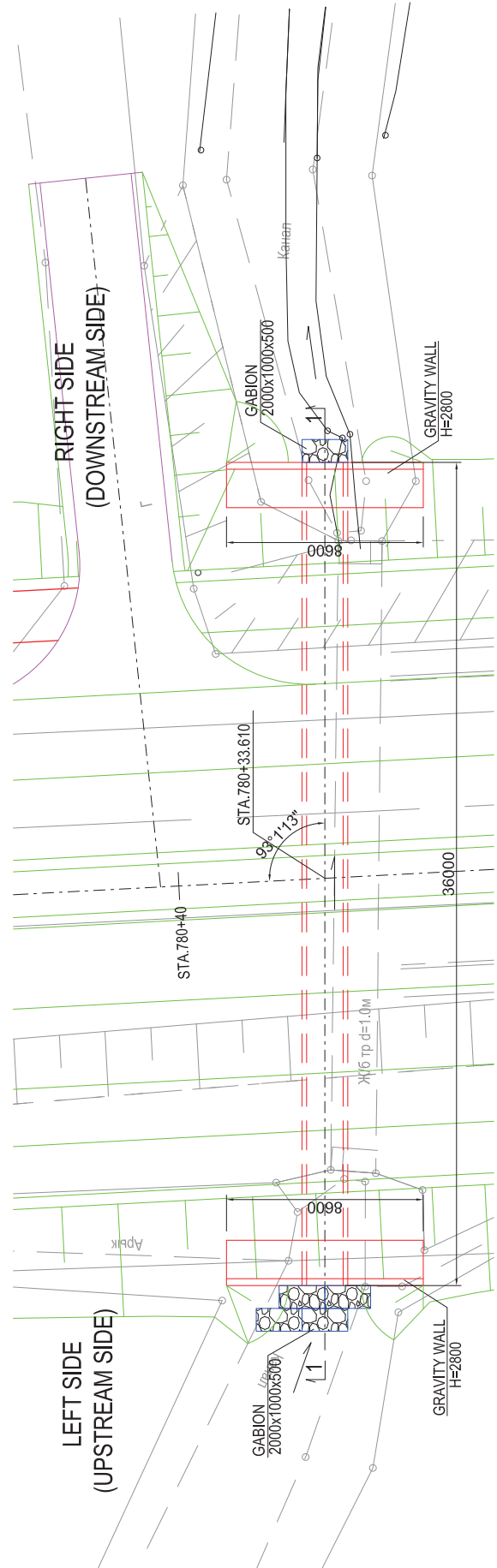
1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



PLAN S=1:100

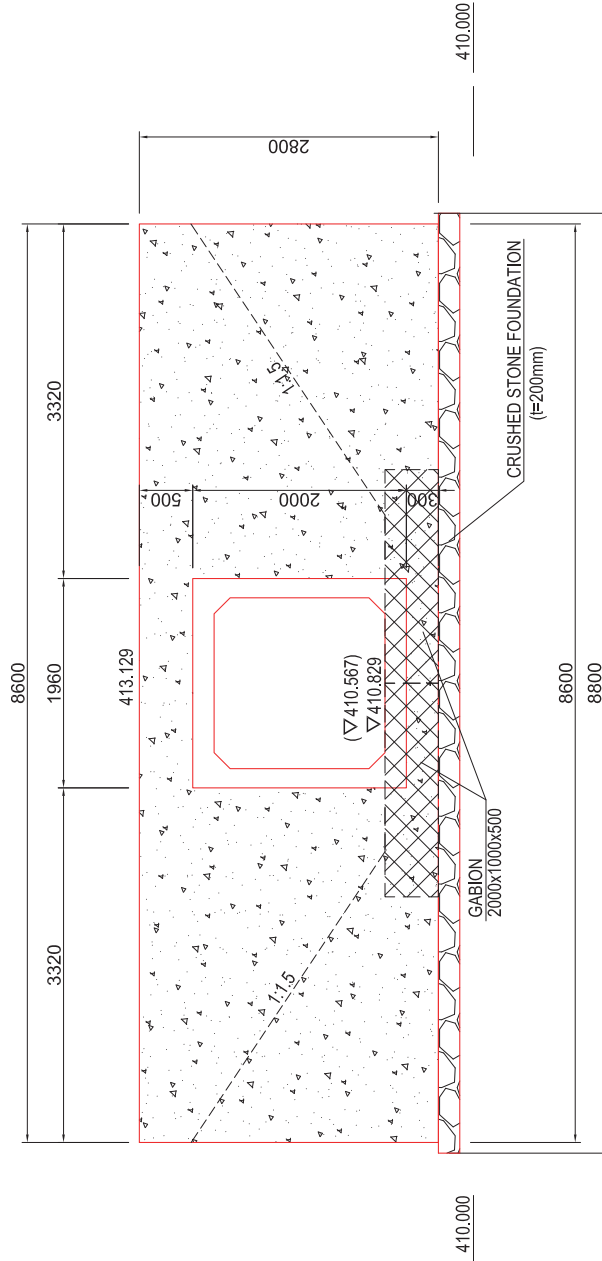


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: <b>NO.5 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)</b>	CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE	DRAWING NO. DC-09	SHEET NO. 9/16
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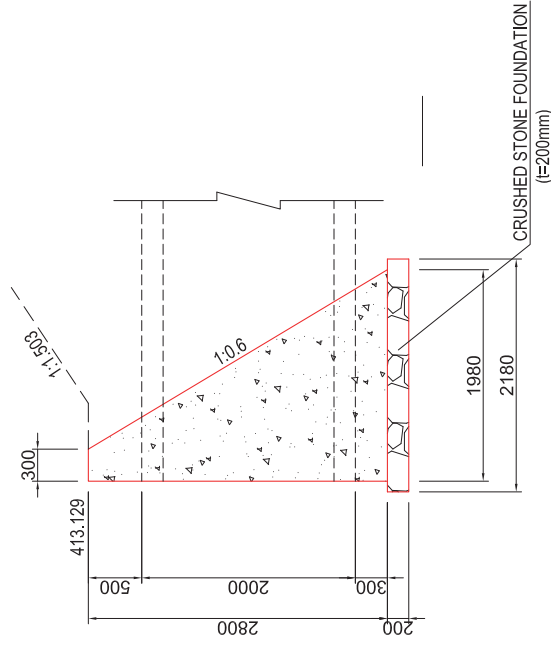
# NO.5 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2) S=1:25

LEFT(RIGHT) SIDE

FRONT VIEW



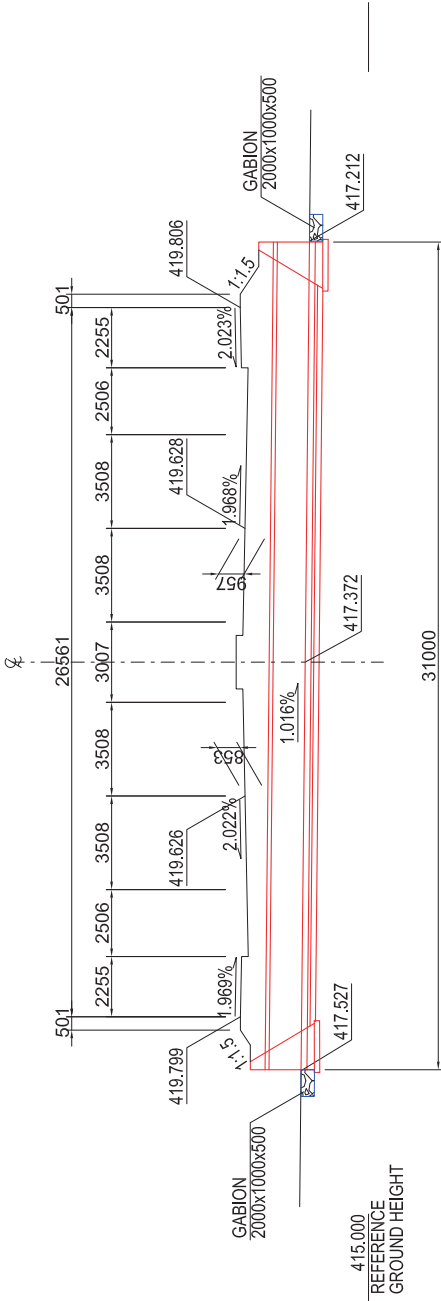
CROSS SECTION



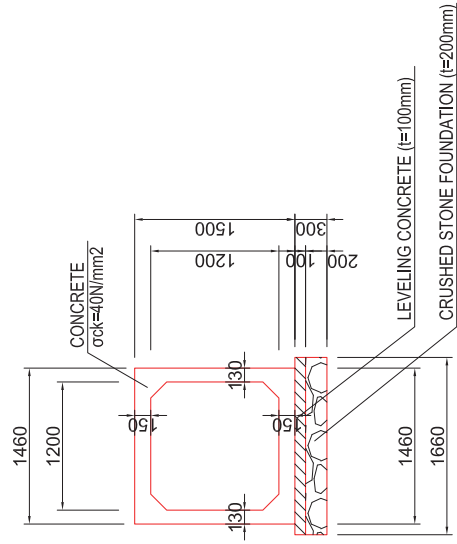
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.5 CROSS DRAINAGE BOX CULVERT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

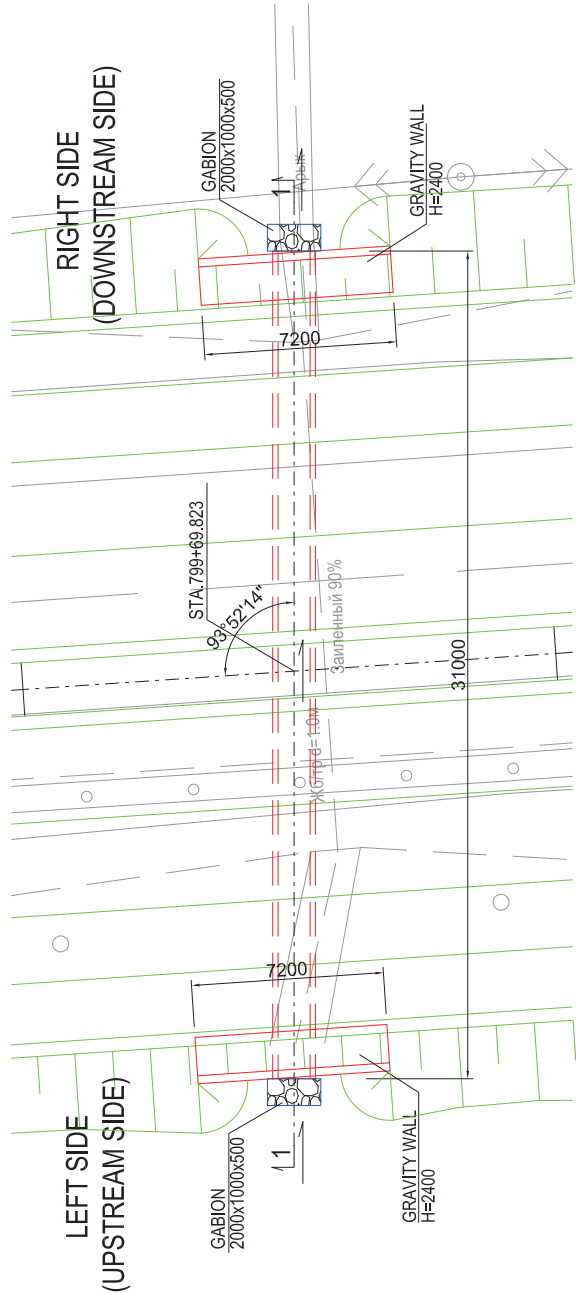
1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



PLAN S=1:100

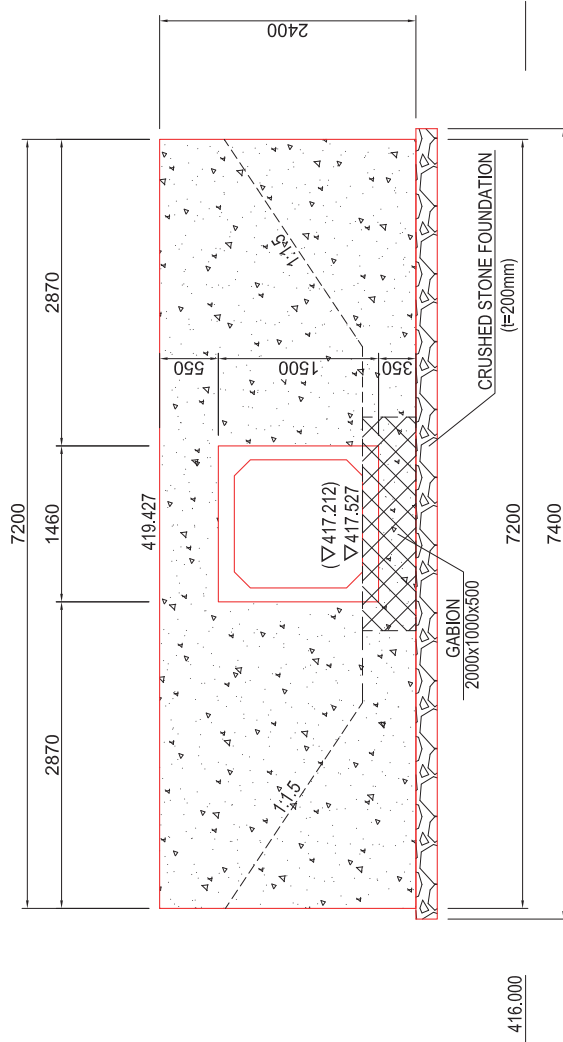


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.6 CROSS DRAINAGE BOX CULVERT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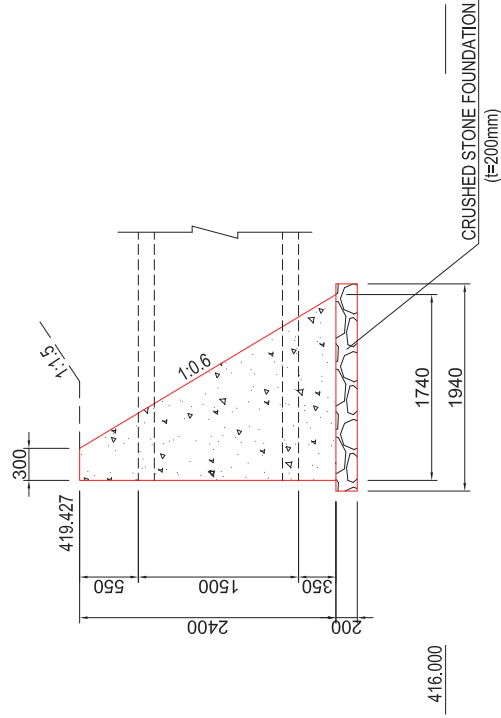
# NO.6 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2) S=1:25

LEFT(RIGHT) SIDE

FRONT VIEW



CROSS SECTION

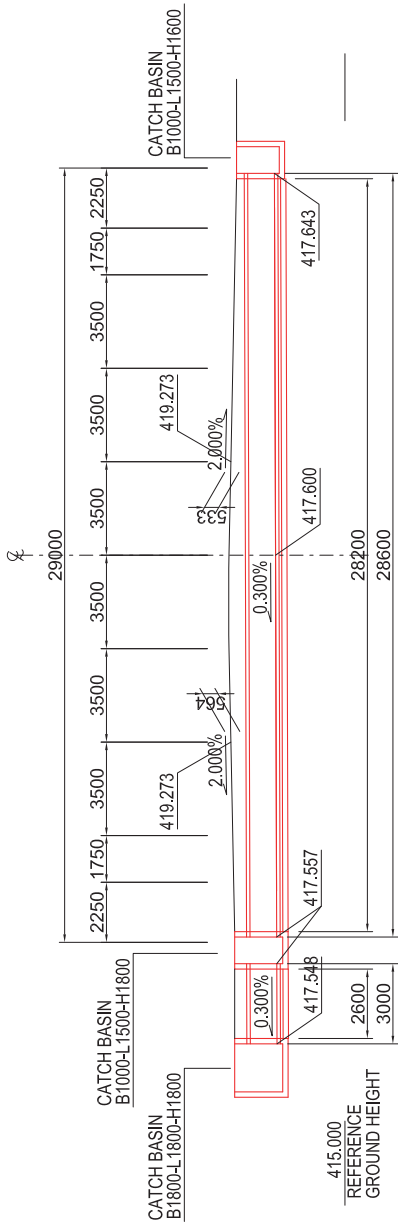


NOTE: A VALUE IS IN PARENTHESIS, ( ), SHOWS DATUM LINE OF RIGHT SIDE.

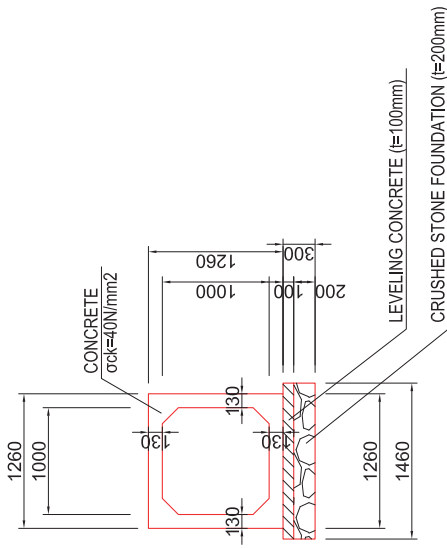
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.6 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (2)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:25	DATE	DRAWING NO. DC-12	SHEET NO. 12/16
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# NO.7 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)

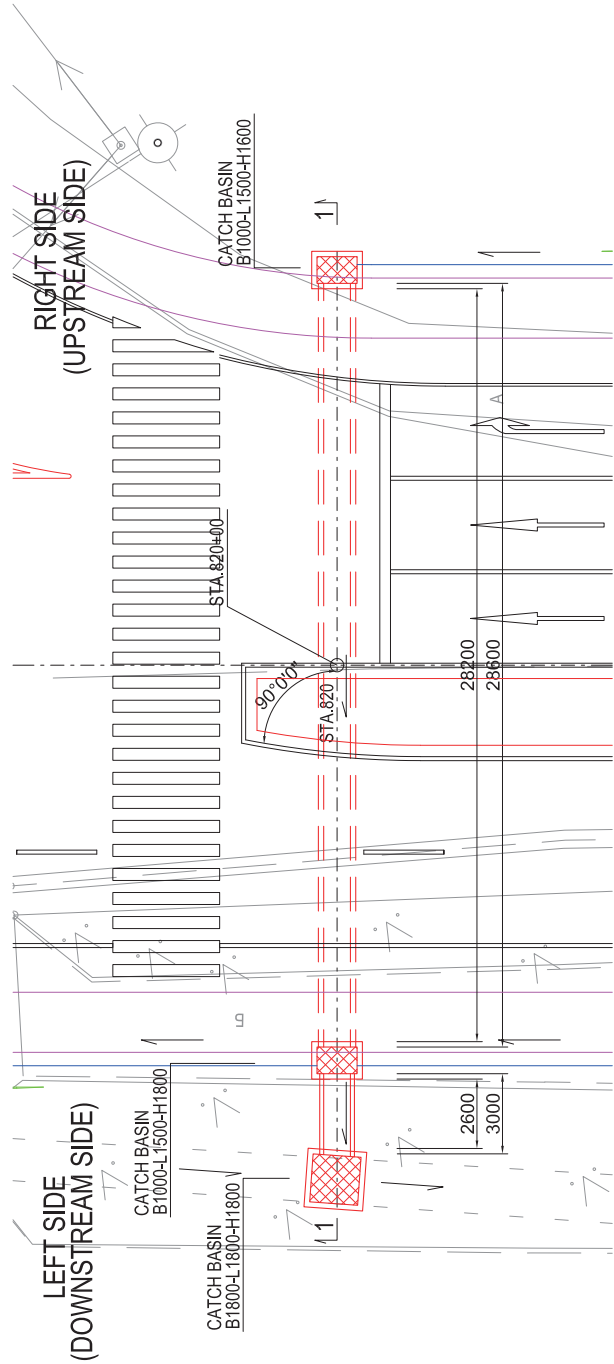
1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



PLAN S=1:100



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: <b>NO.7 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)</b>	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

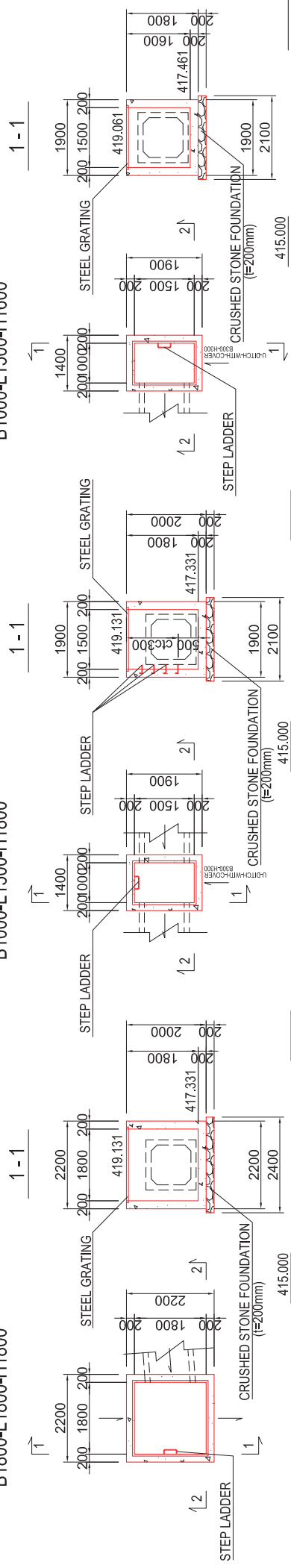
## LEFT SIDE (DOWNSTREAM SIDE)

## RIGHT SIDE (UPSTREAM SIDE)

**PLAN**  
B1800-L1800-H1800

**PLAN**  
B1000-L1500-H1800

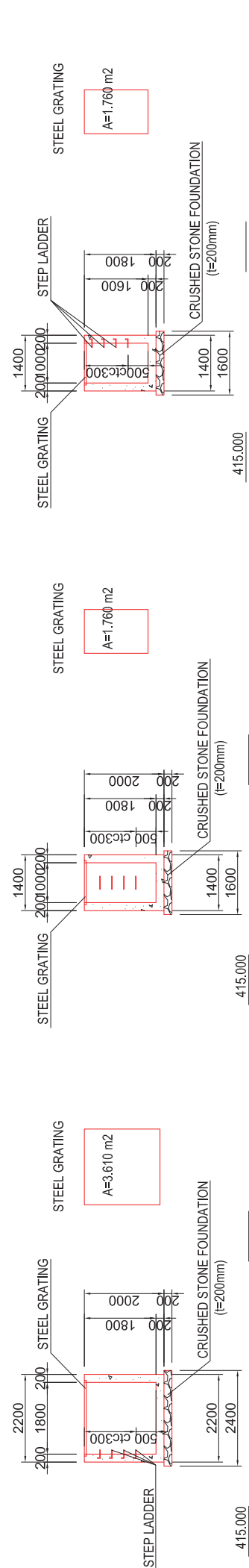
**PLAN**  
B1000-L1500-H1600



**2 - 2**

**2 - 2**

**2 - 2**

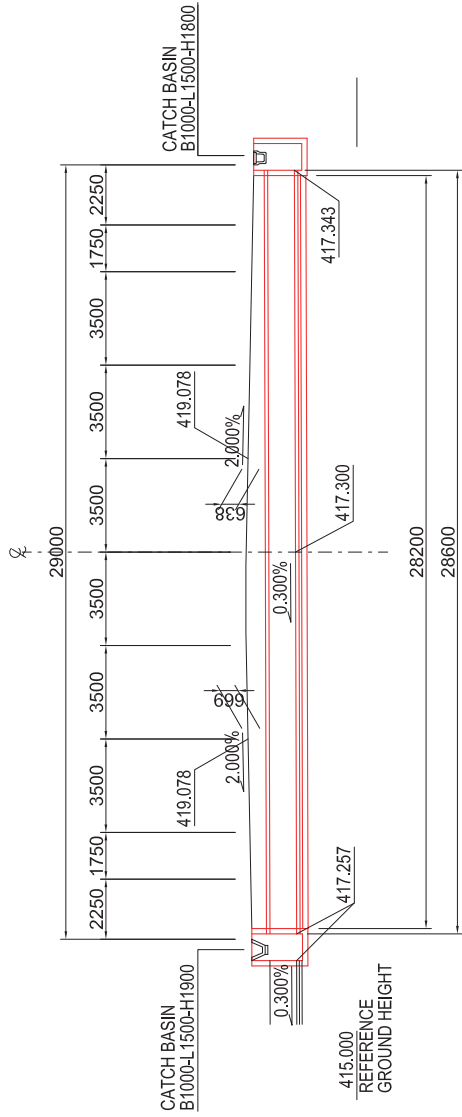


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: <b>NO.7 CROSS DRAINAGE BOX CULVERT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

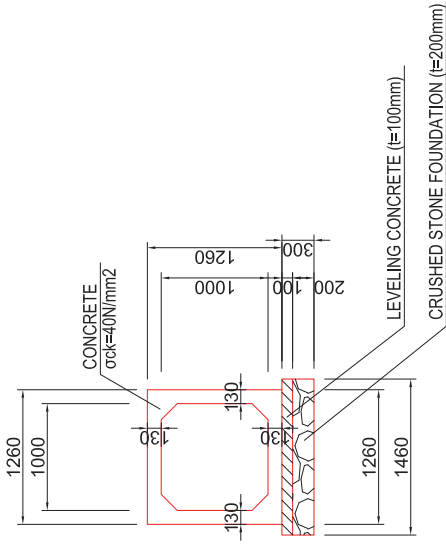


# NO.8 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)

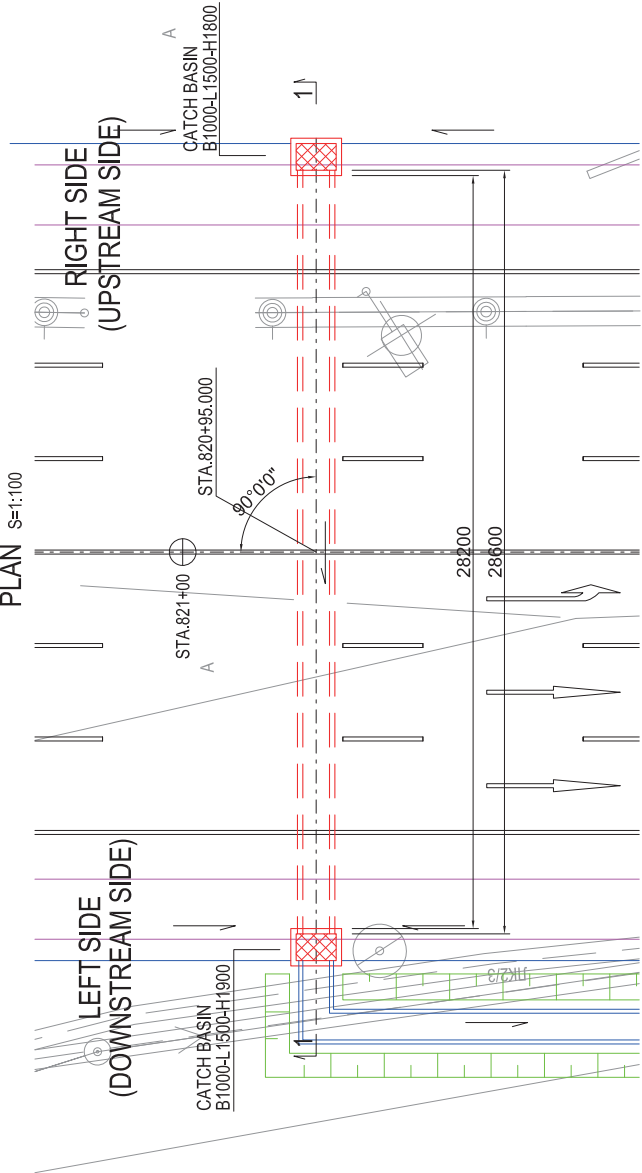
1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



PLAN S=1:100



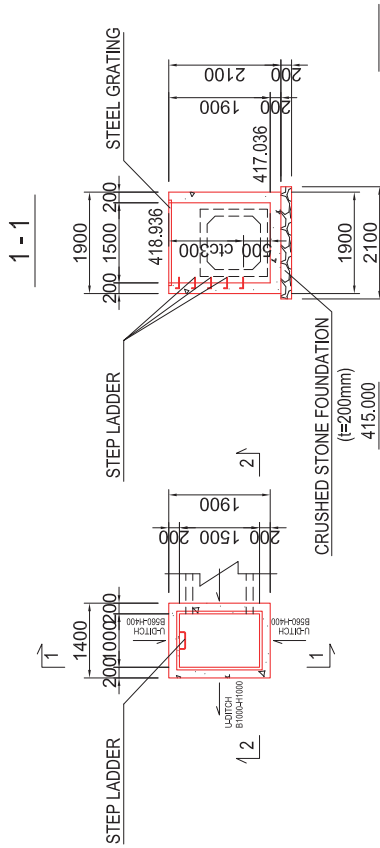
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: <b>NO.8 CROSS DRAINAGE BOX CULVERT GENERAL DRAWINGS (1)</b>	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

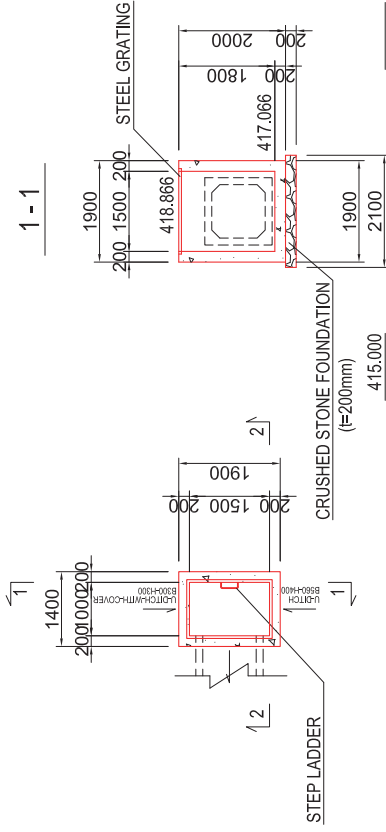
B1000-L1500-H1900



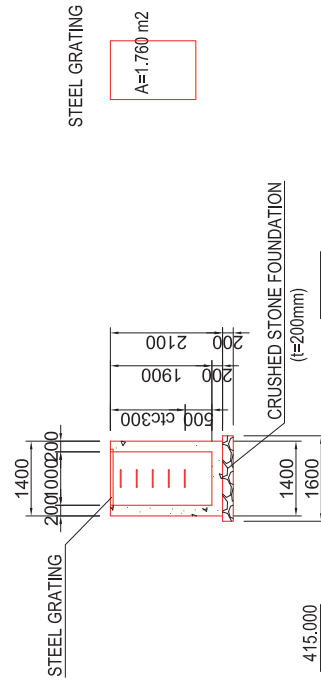
RIGHT SIDE  
(UPSTREAM SIDE)

PLAN

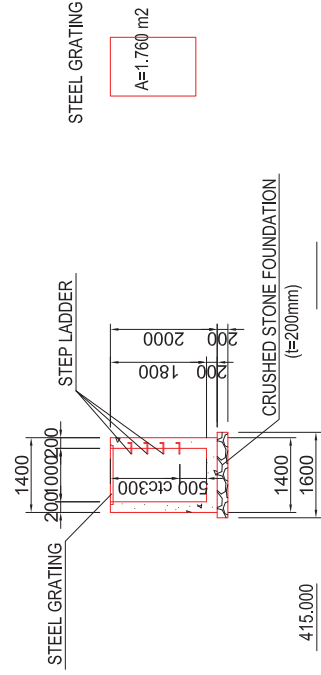
B1000-L1500-H1800



2 - 2



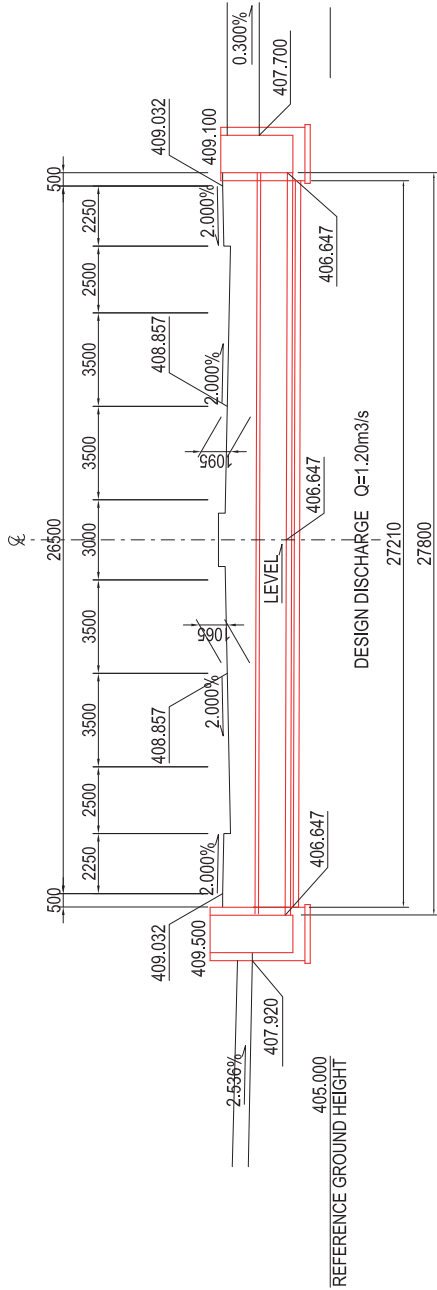
2 - 2



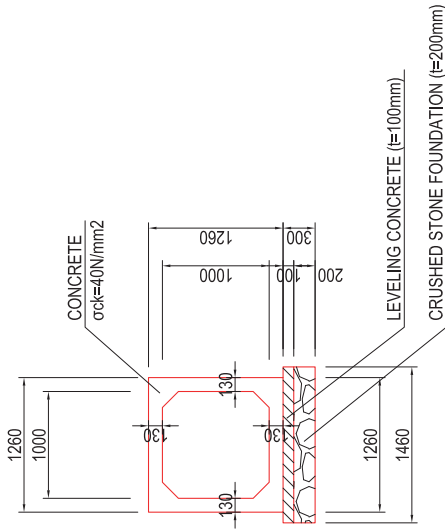
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.8 CROSS DRAINAGE BOX CULVERT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

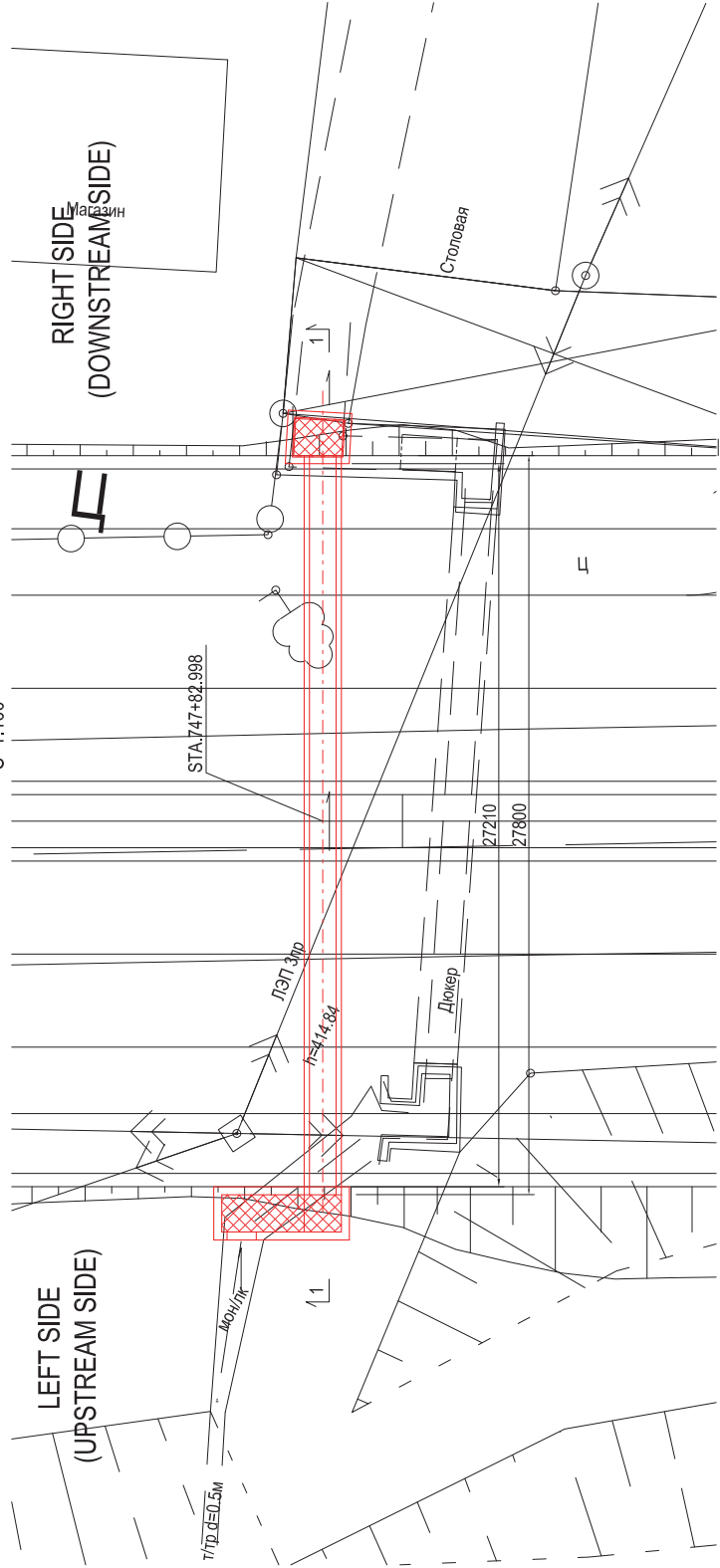
1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



PLAN S=1:100



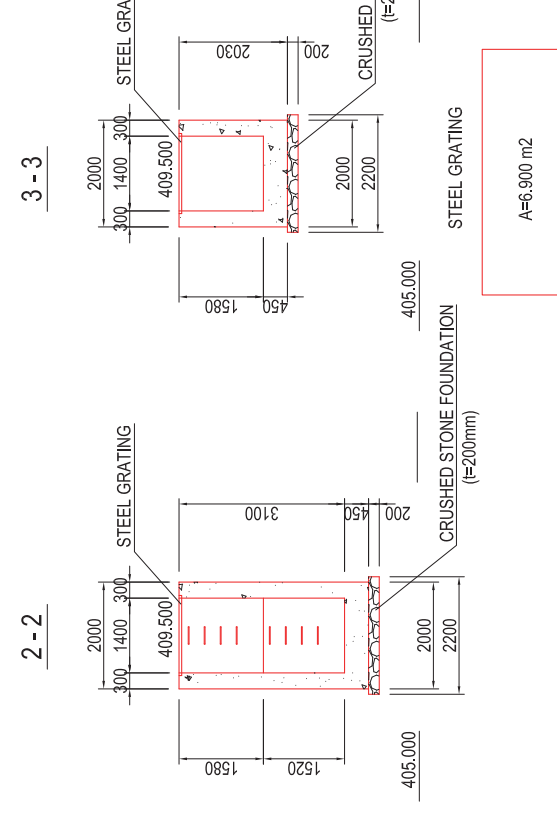
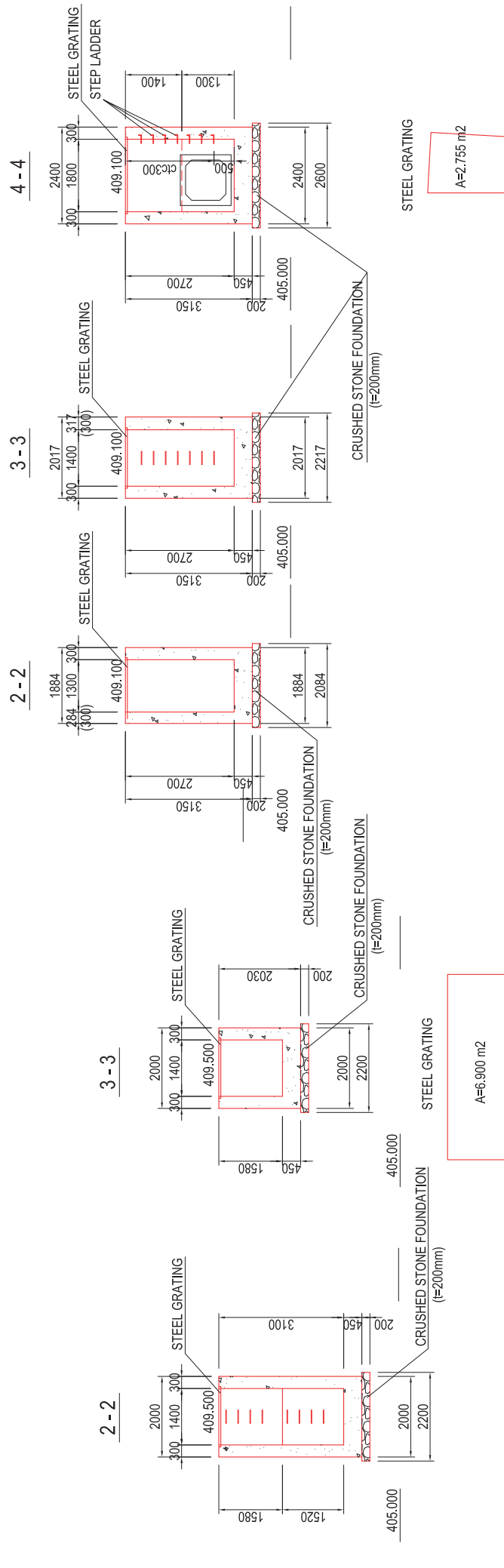
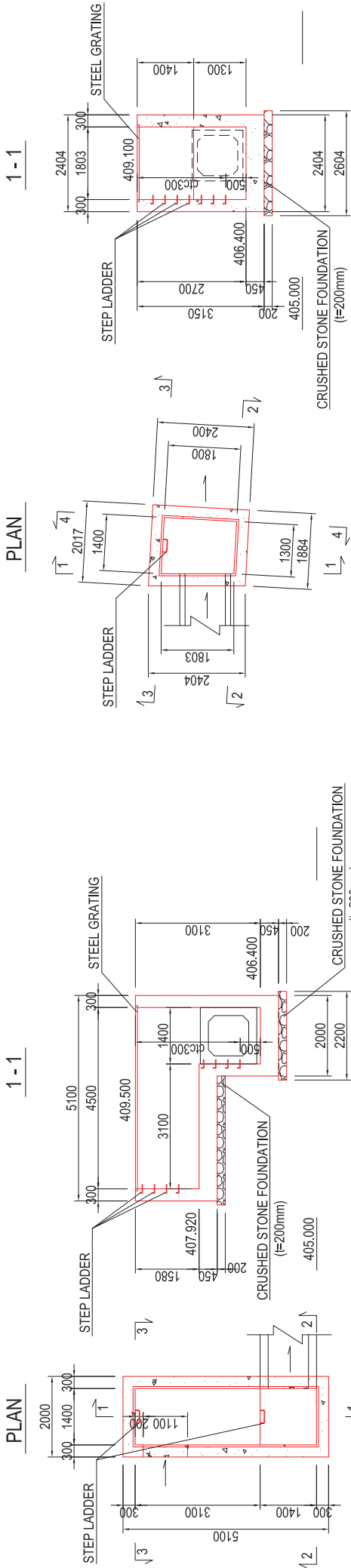
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: <b>NO.1 SIPHON TYPE BOX CULVERT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

S=1:50

RIGHT SIDE  
(UPSTREAM SIDE)

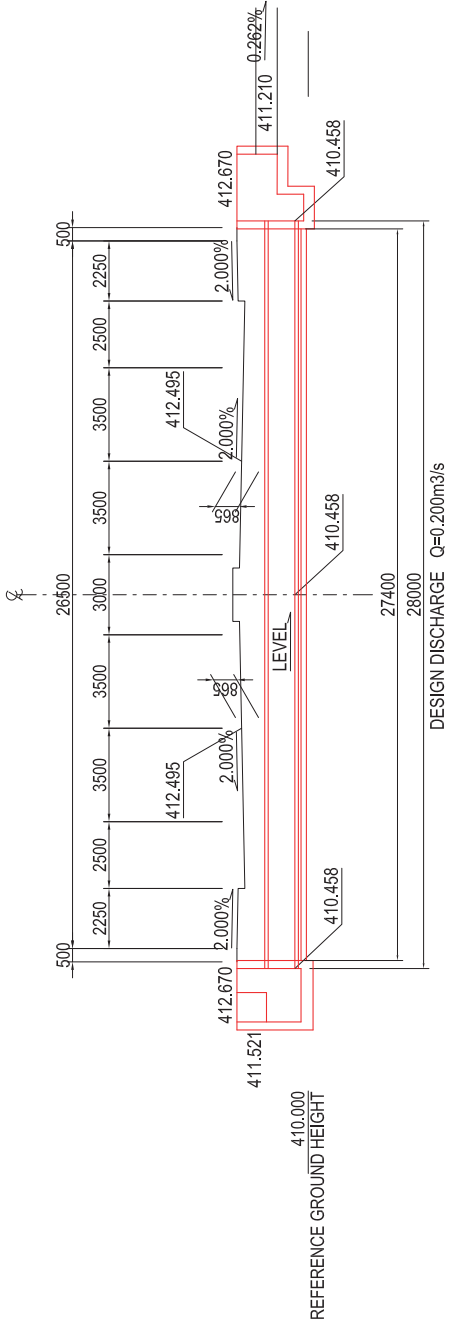
LEFT SIDE  
(UPSTREAM SIDE)



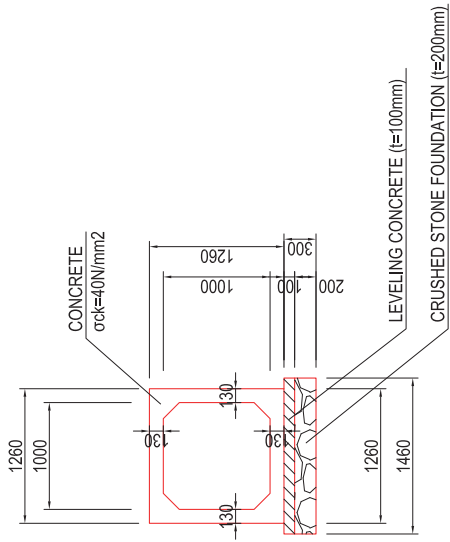
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: <b>NO.1 SIPHON TYPE BOX CULVERT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

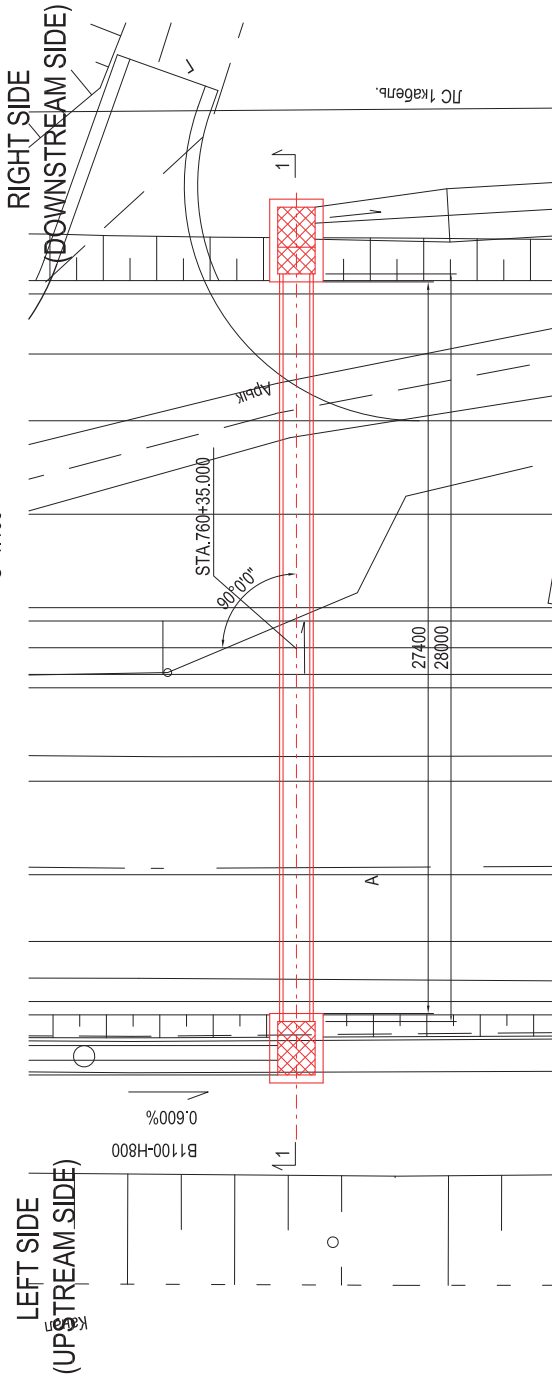
1-1 SECTION S=1:100



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)**

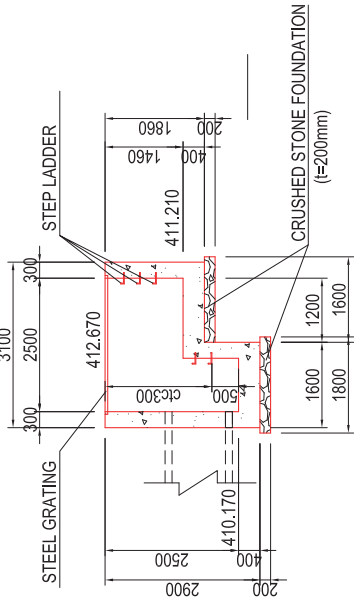
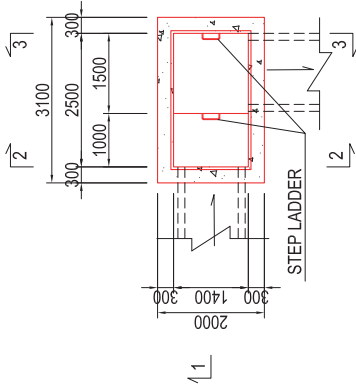
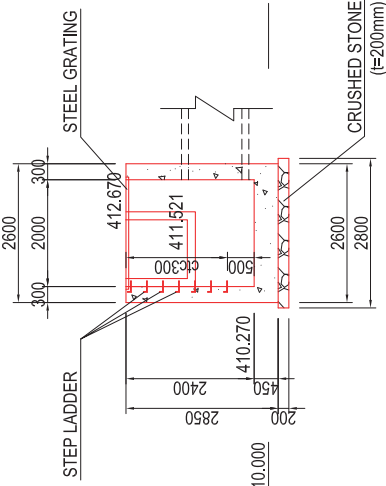
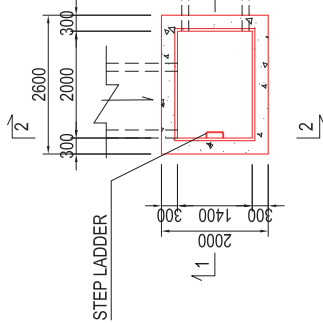
**RIGHT SIDE  
(DOWNSTREAM SIDE)**

PLAN

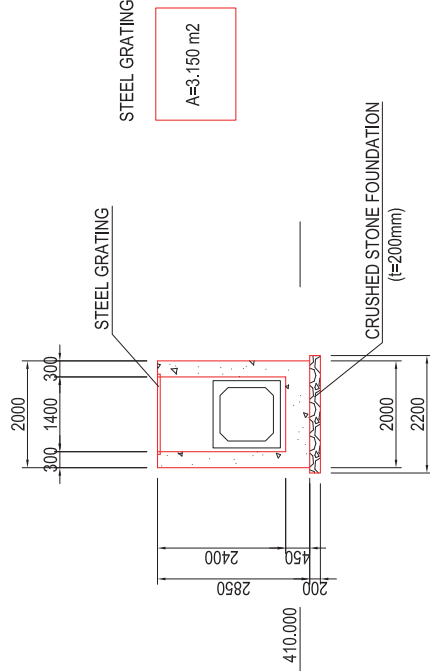
1-1

PLAN

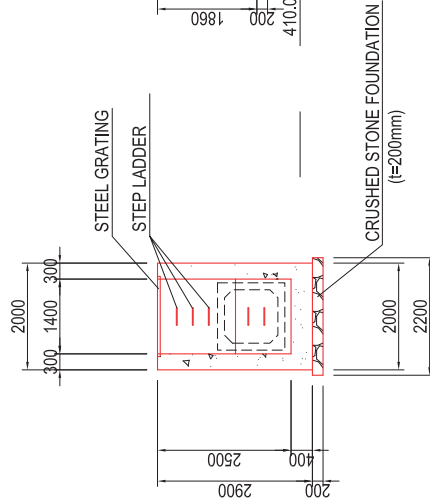
1-1



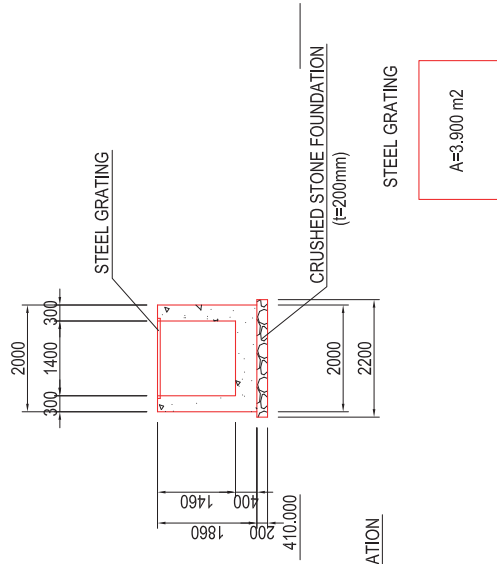
2-2



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)

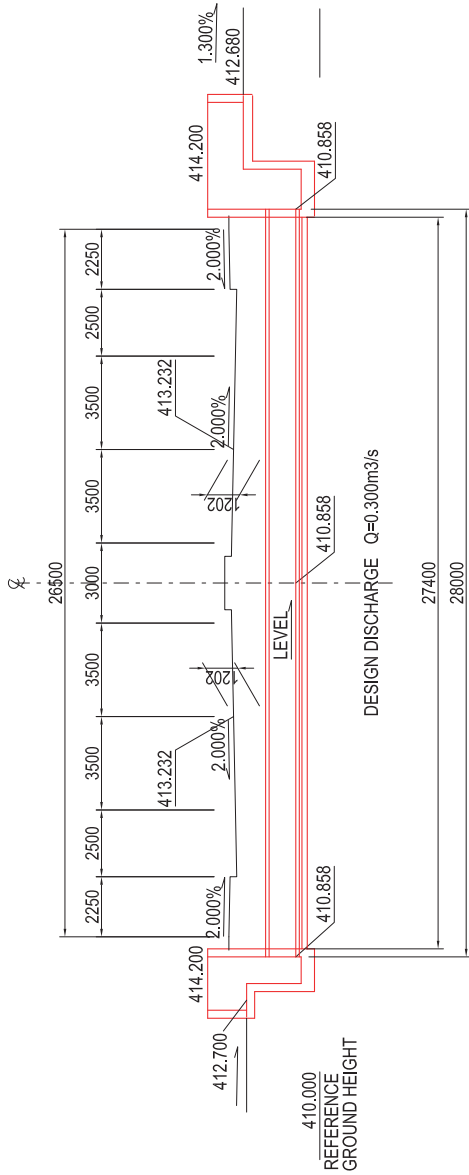
CHECKED  
APPROVED  
SCALE (A1 SIZE)  
1:50  
DATE

DRAWING NO.  
SB-04

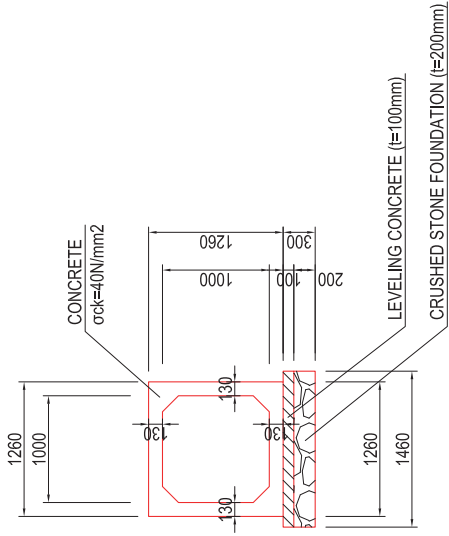
SHEET NO.  
4/16

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

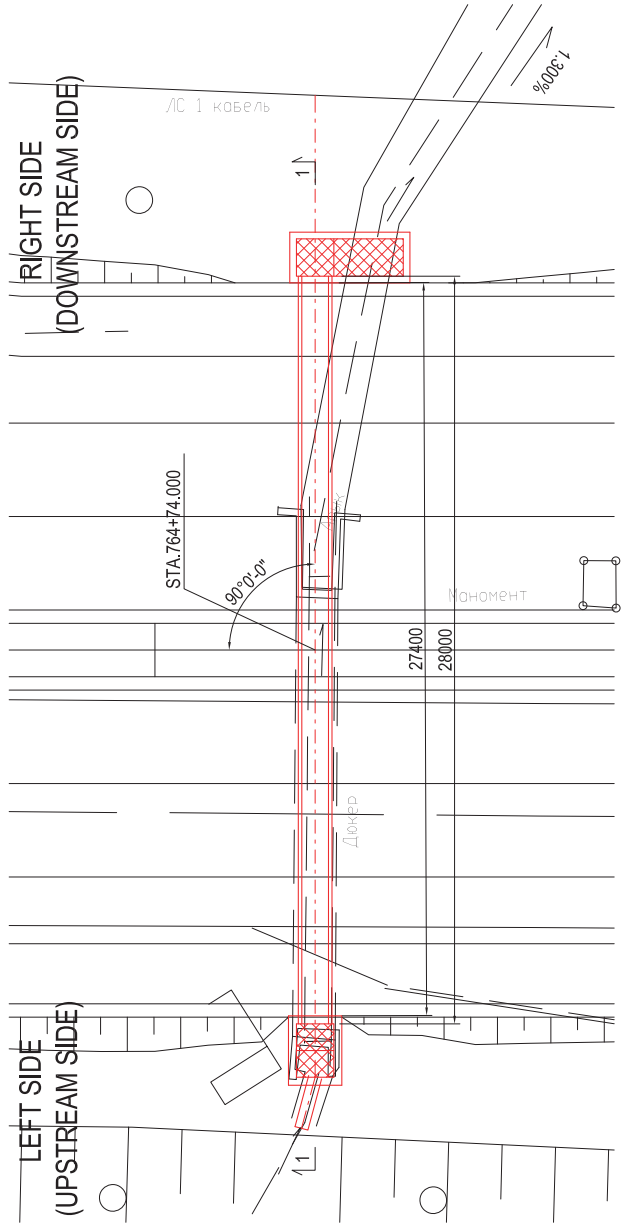
1-1 SECTION S=1:100



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

LEFT SIDE  
(UPSTREAM SIDE)

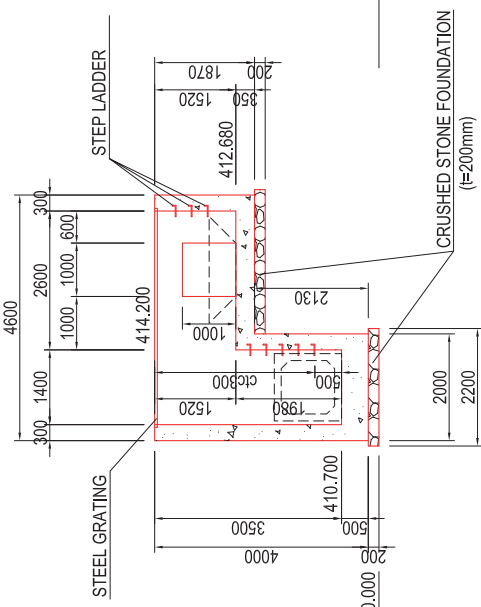
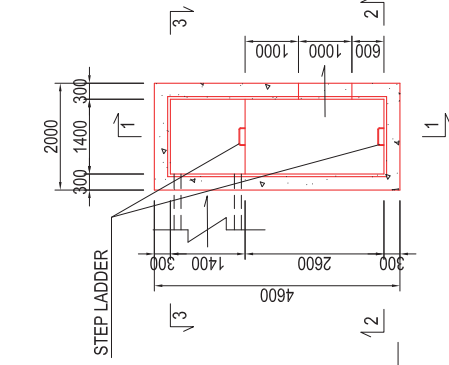
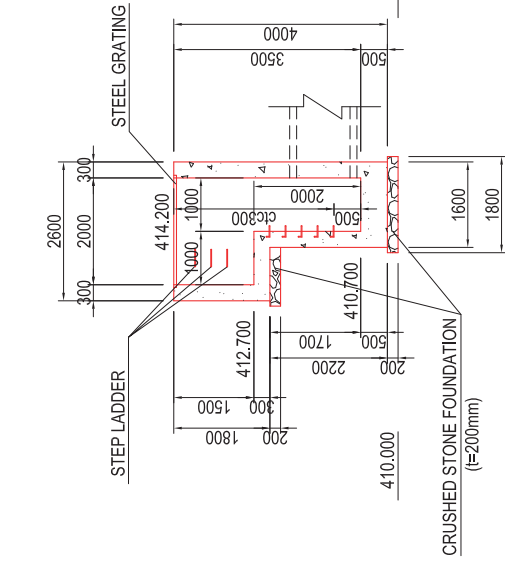
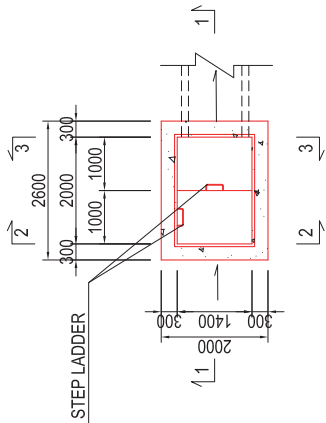
RIGHT SIDE  
(DOWNSTREAM SIDE)

PLAN

1 - 1

PLAN

1 - 1

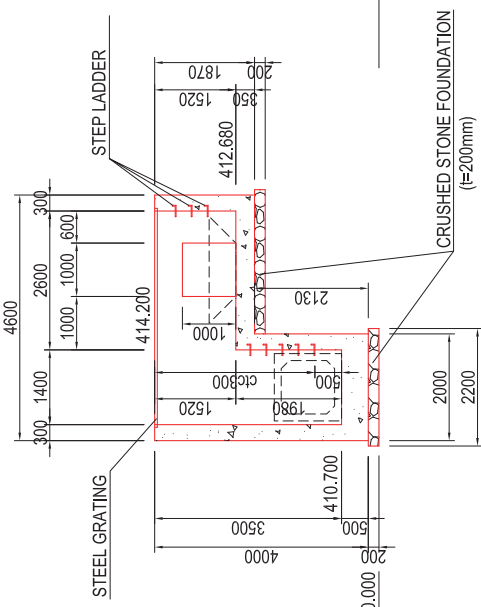
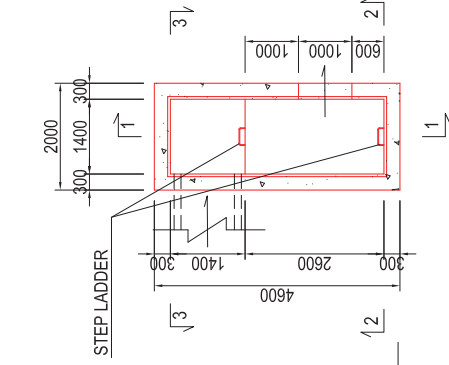
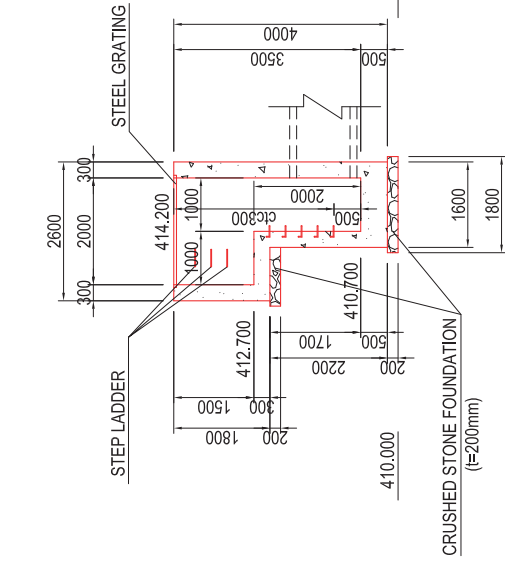
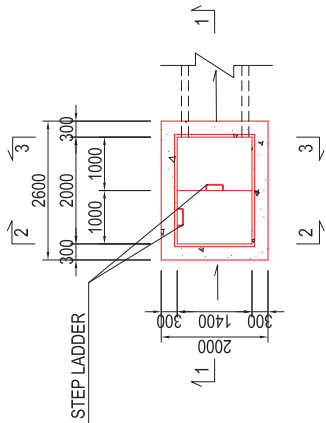


PLAN

1 - 1

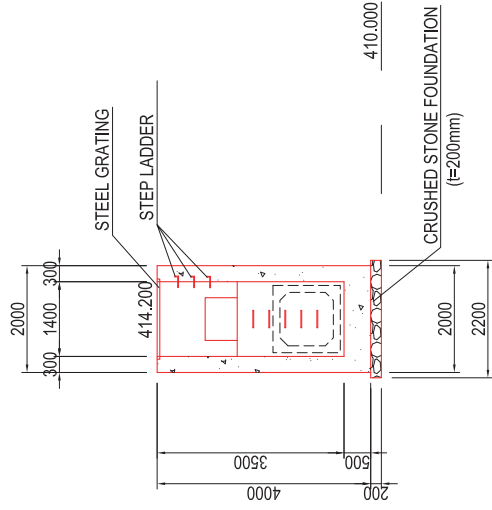
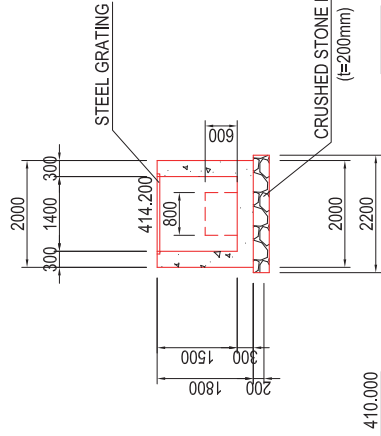
PLAN

1 - 1



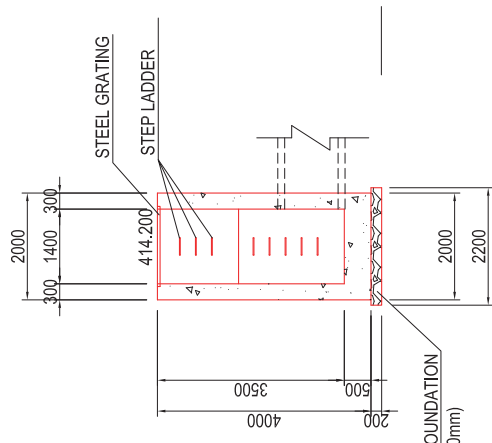
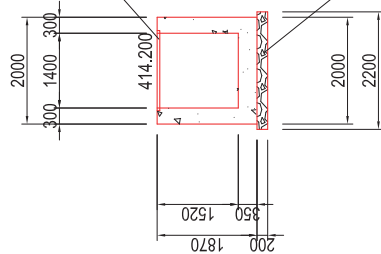
2 - 2

3 - 3



2 - 2

3 - 3



STEEL GRATING

A=3.150 m<sup>2</sup>

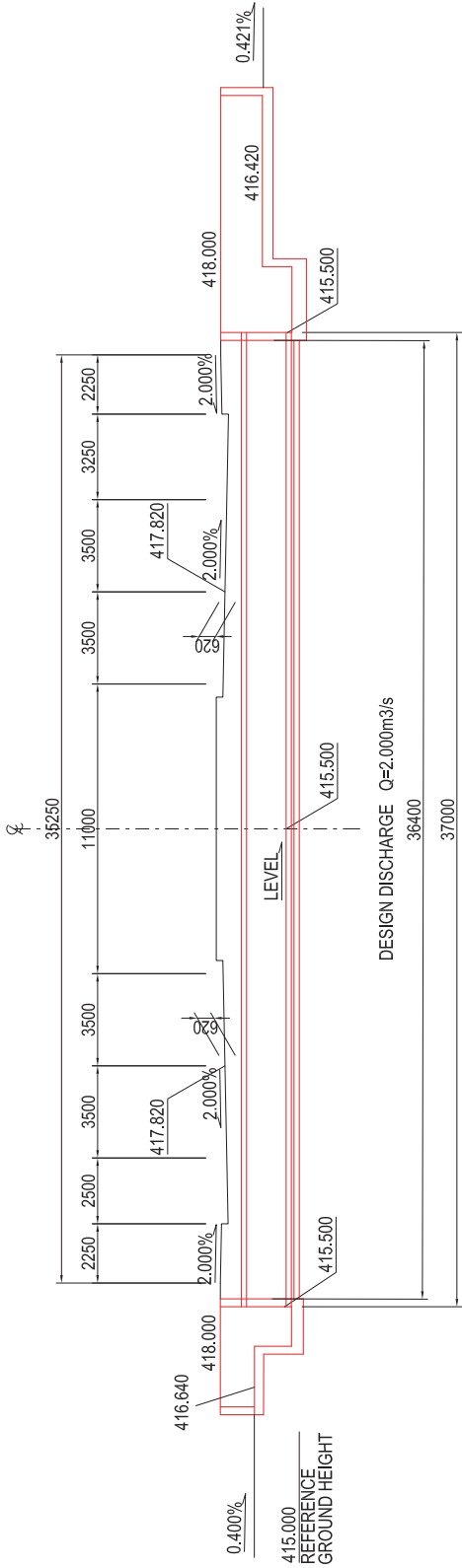
STEEL GRATING

A=6.150 m<sup>2</sup>

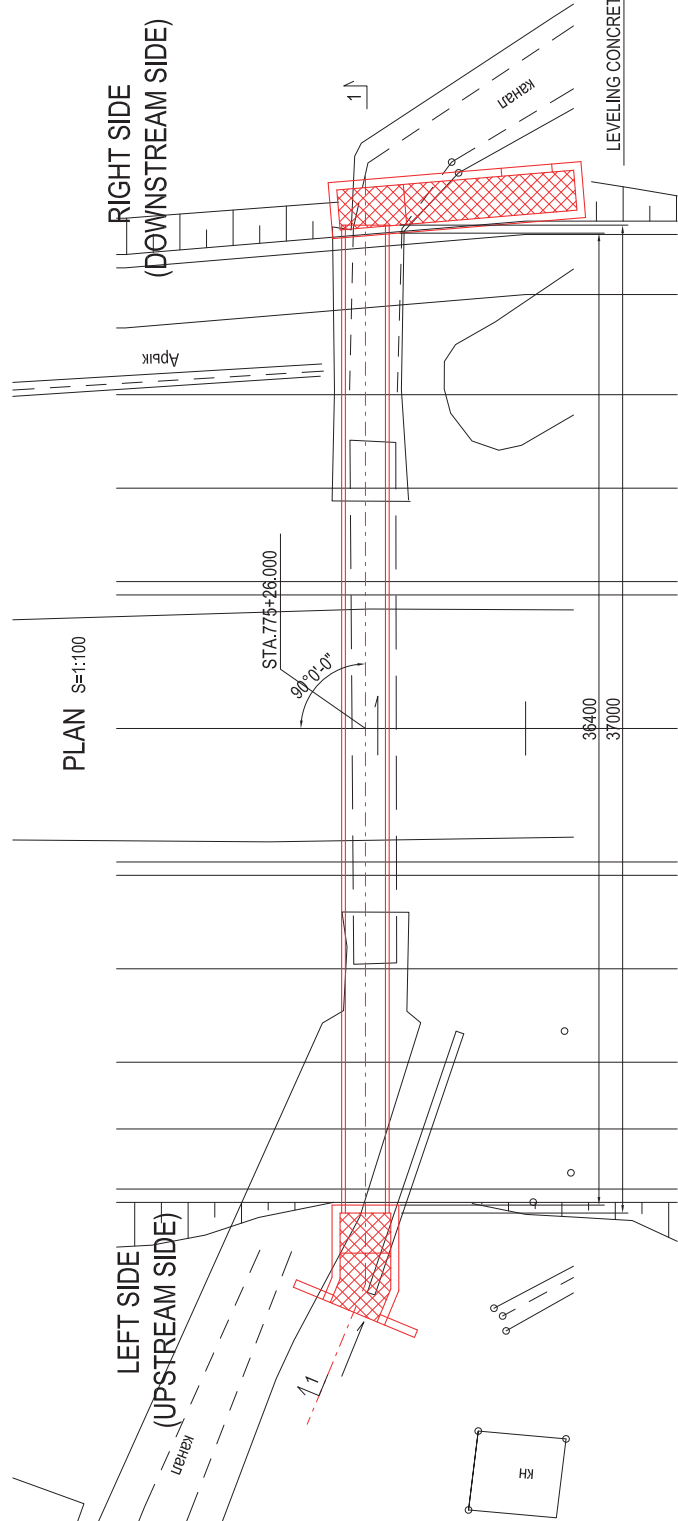


# NO.4 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (1)

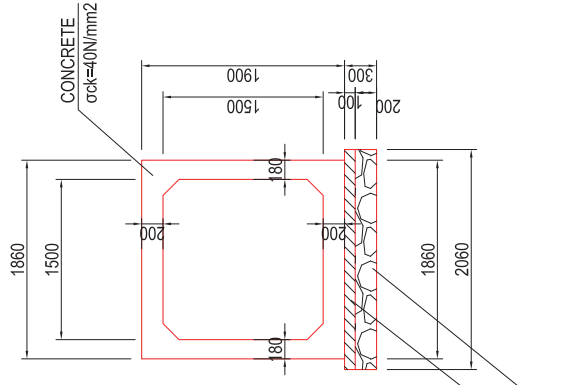
1-1 SECTION S=1:100



PLAN S=1:100

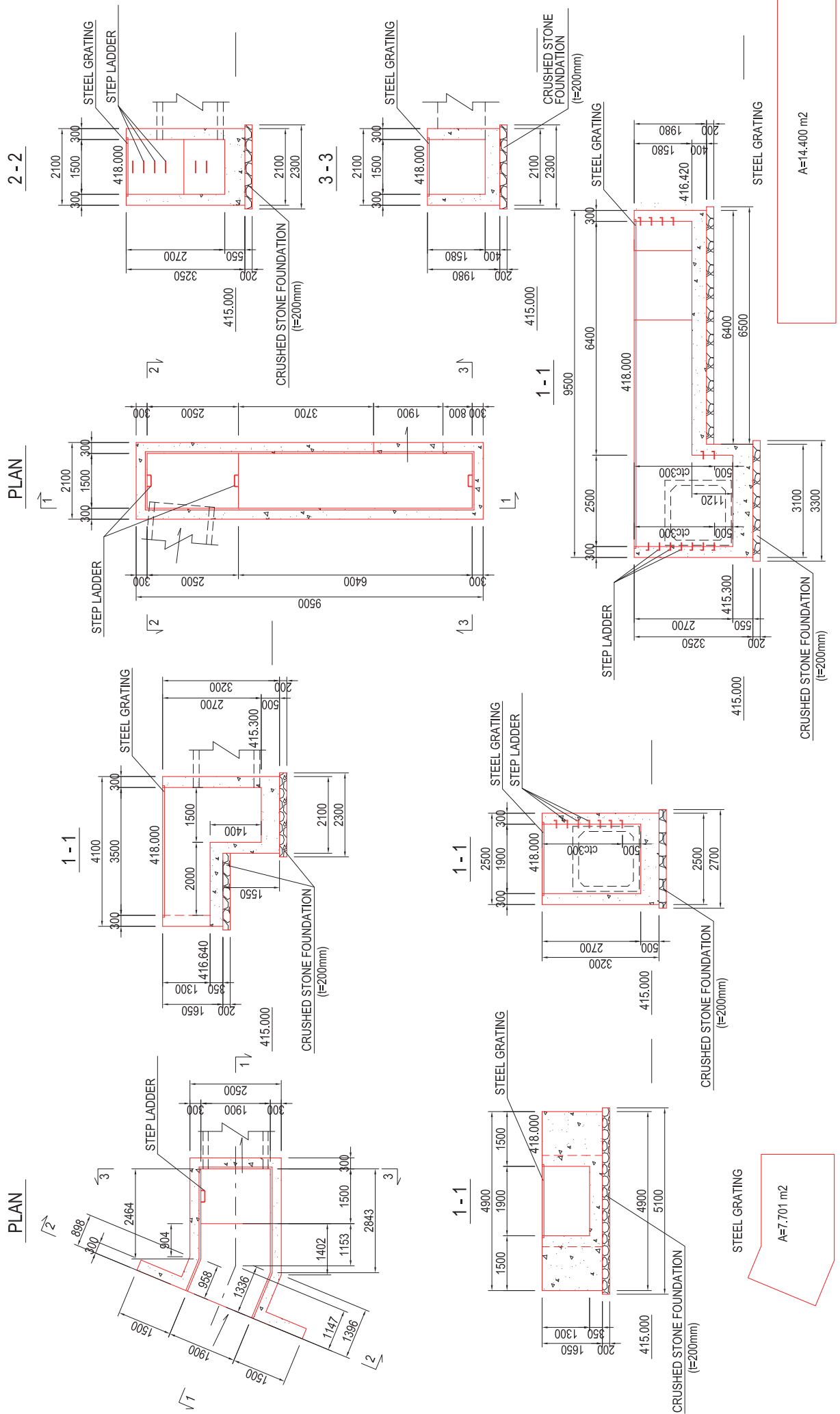


TYPICAL CROSS SECTION S=1:25



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: <b>NO.4 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (1)</b>	CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE	DRAWING NO. <b>SB-07</b>	SHEET NO. 7/16
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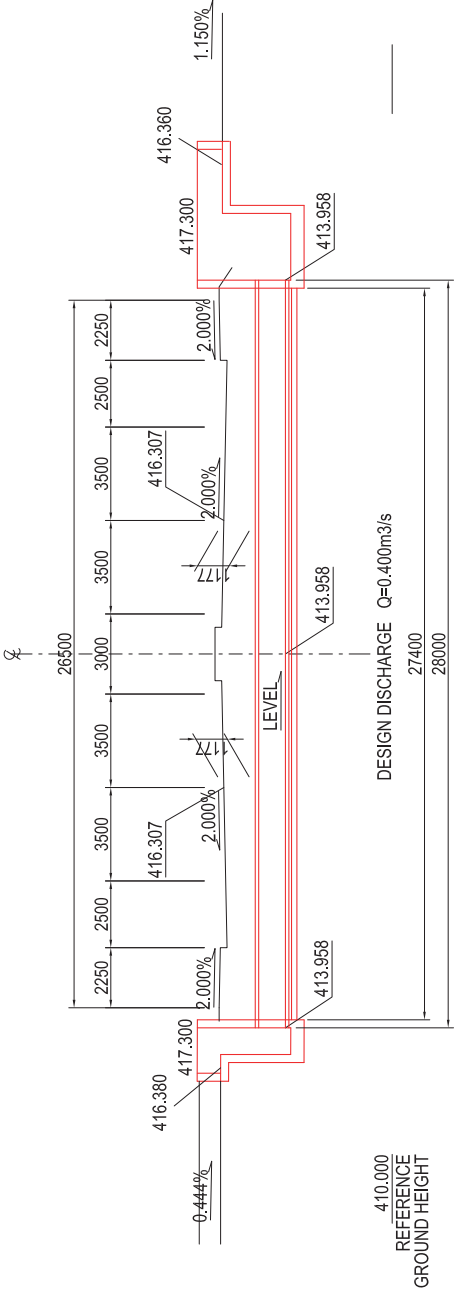
**NO.4 SIPHON TYPE BOX CULVERT FOR IRRIGATION**  
**GENERAL DRAWINGS (2) S=1:50**  
**LEFT SIDE (UPSTREAM SIDE)**      **RIGHT SIDE (DOWNSTREAM SIDE)**



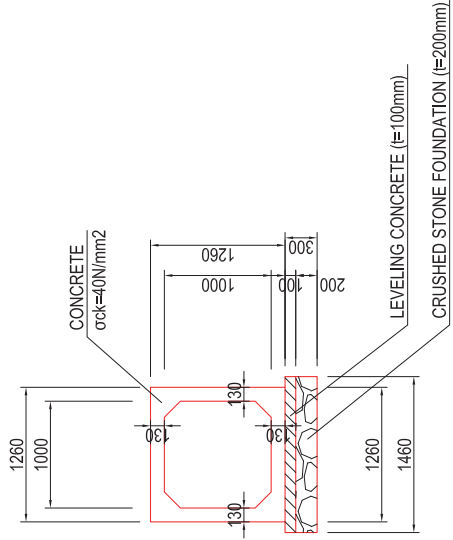
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.4 SIPHON TYPE BOX CULVERT 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)

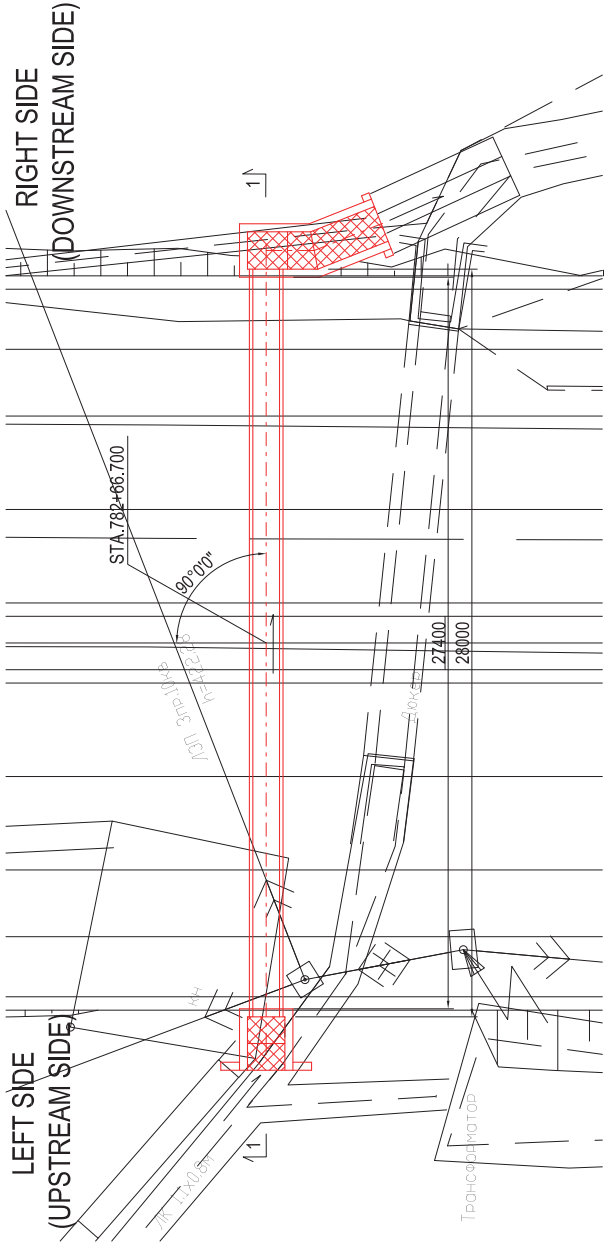
1-1 SECTION S=1:100



TYPICAL CROSS SECTION S=1:25



PLAN S=1:100

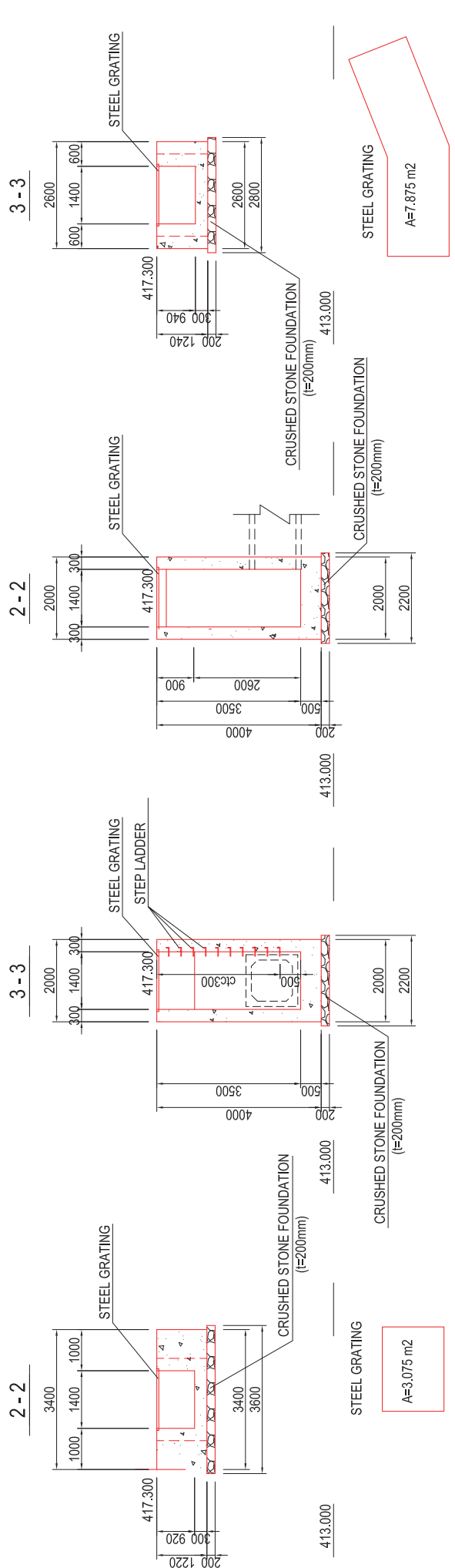
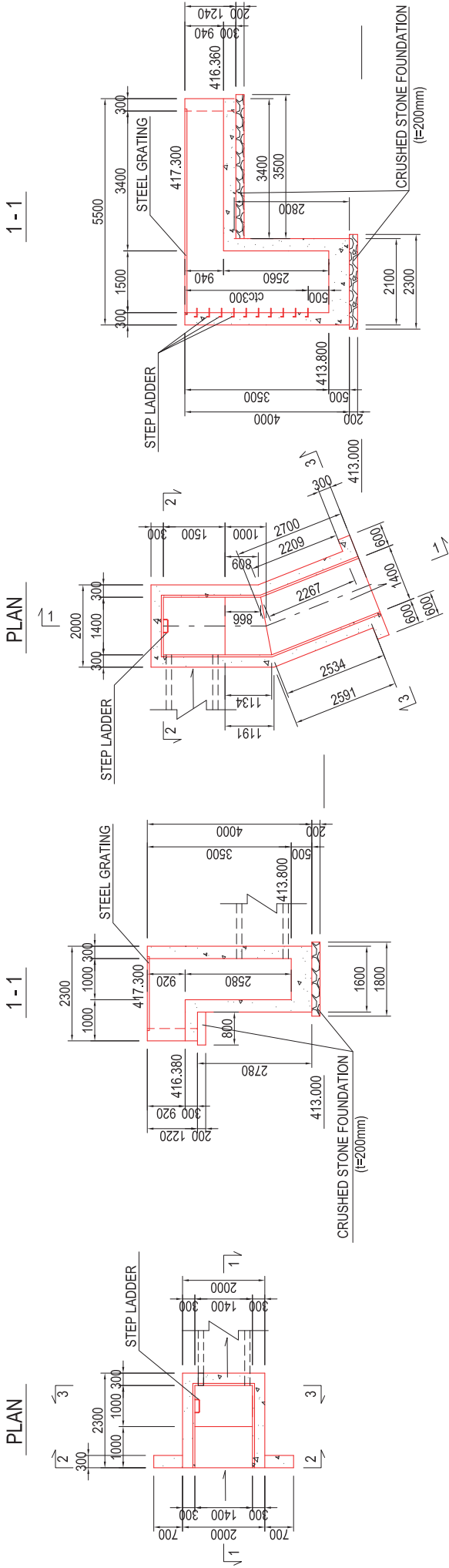


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.5 SIPHON TYPE BOX CULVERT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

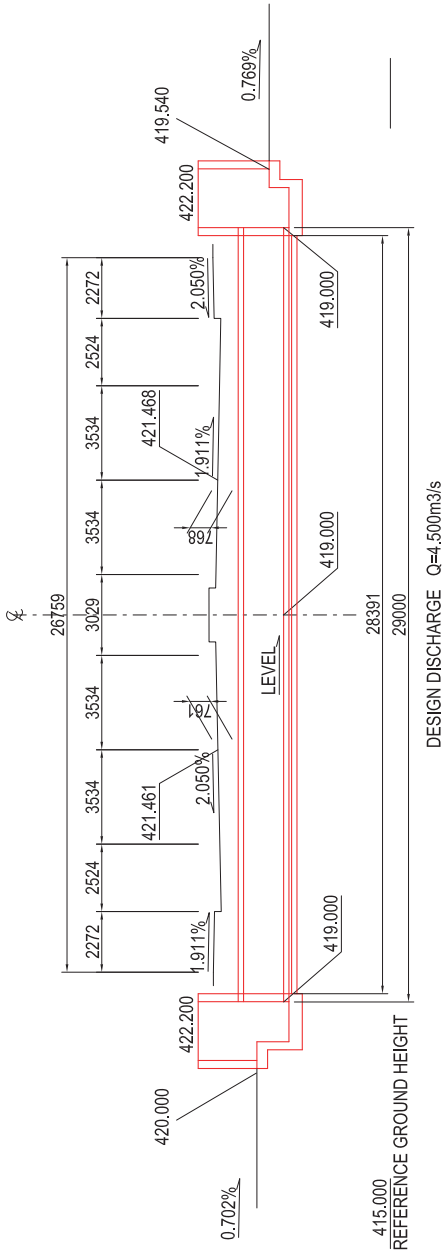
RIGHT SIDE  
(DOWNSTREAM SIDE)



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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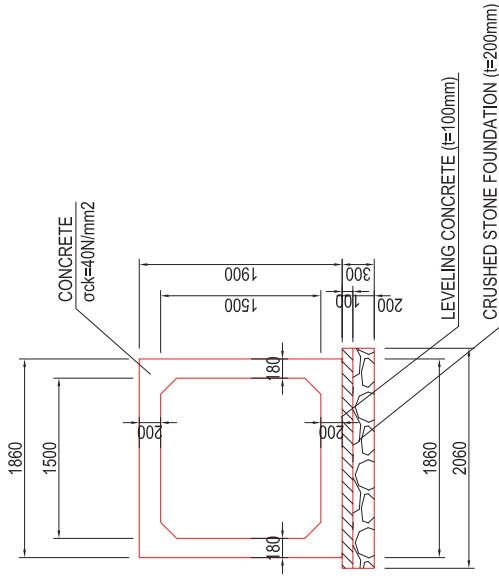
# NO.6 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (1)

1-1 SECTION S=1:100

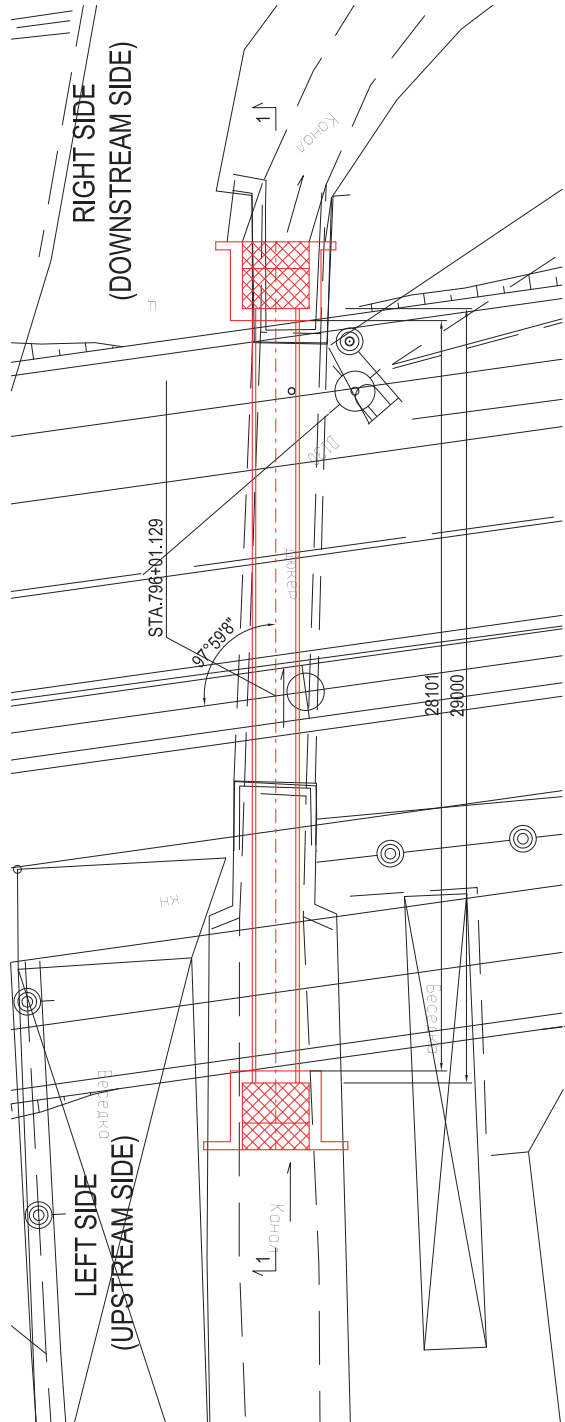


DESIGN DISCHARGE  $Q=4.500\text{m}^3/\text{s}$

TYPICAL CROSS SECTION S=1:25



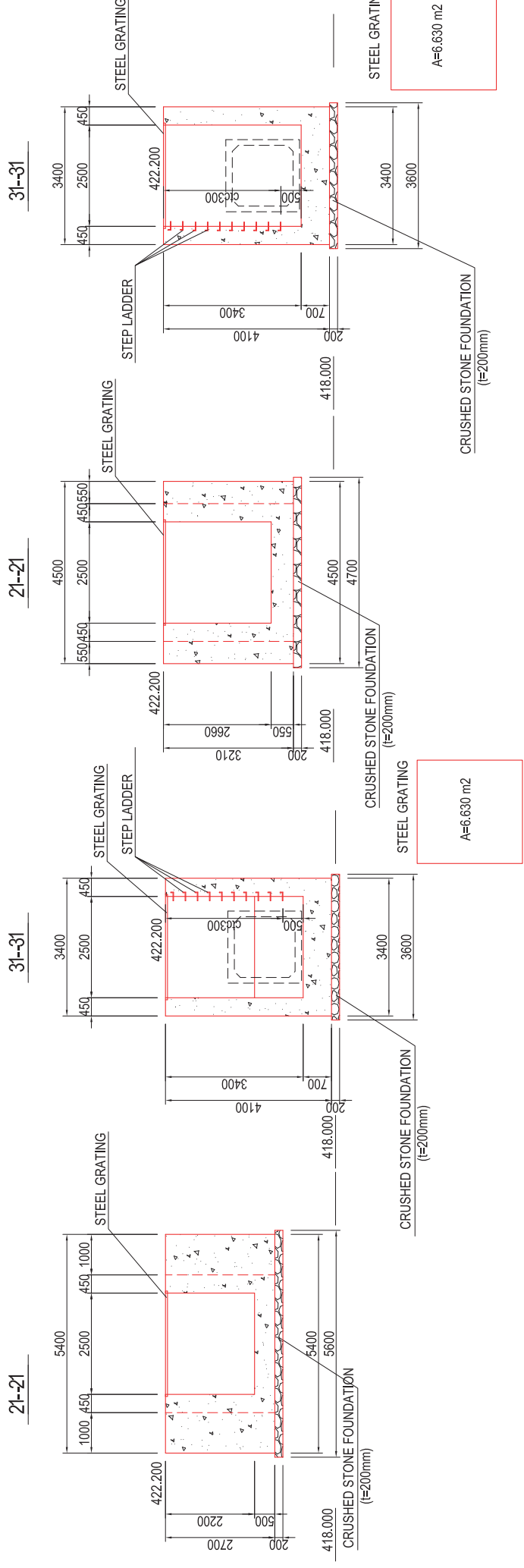
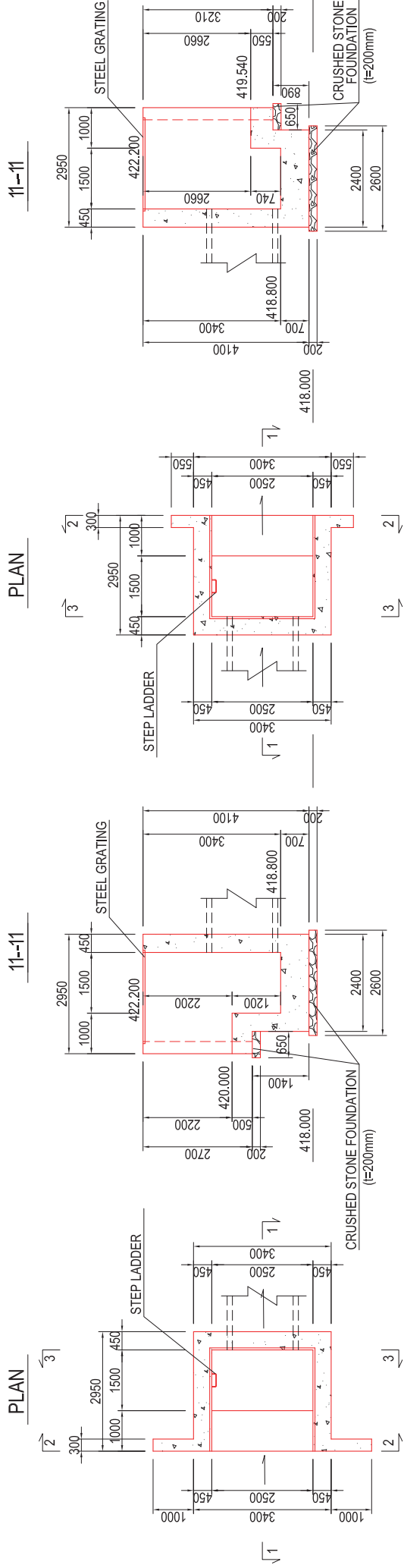
PLAN S=1:100



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)



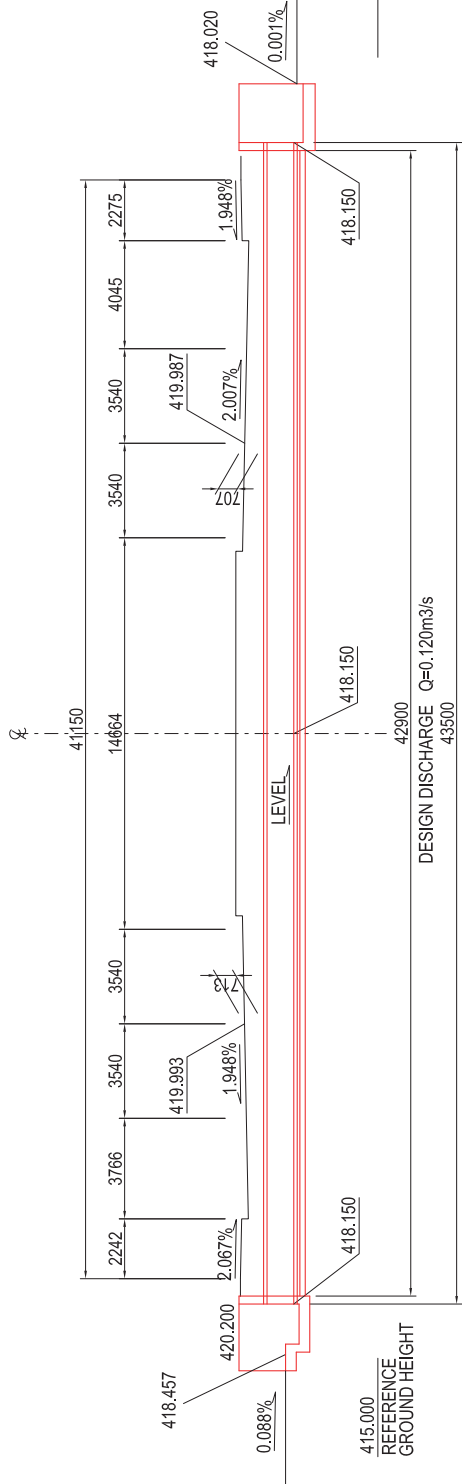
A=6.630 m<sup>2</sup>

A=6.630 m<sup>2</sup>

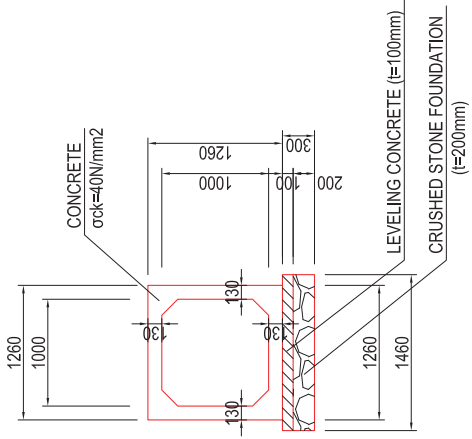
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.6 SIPHON TYPE BOX CULVERT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

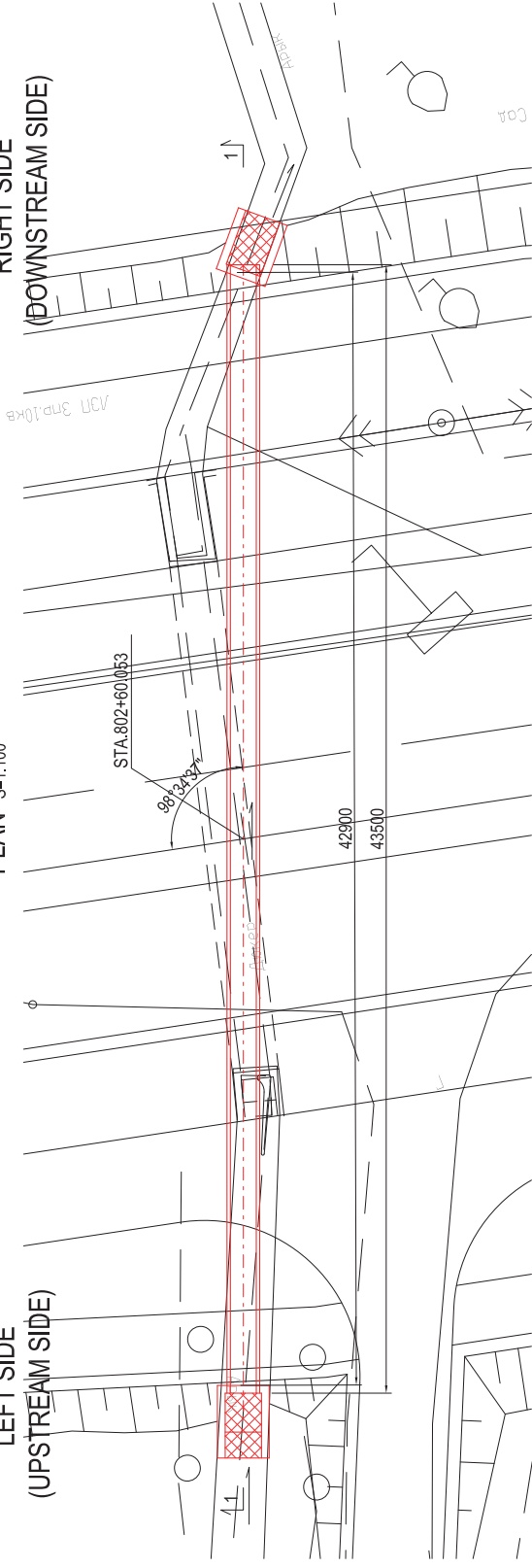


TYPICAL CROSS SECTION S=1:25



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

PLAN S=1:100

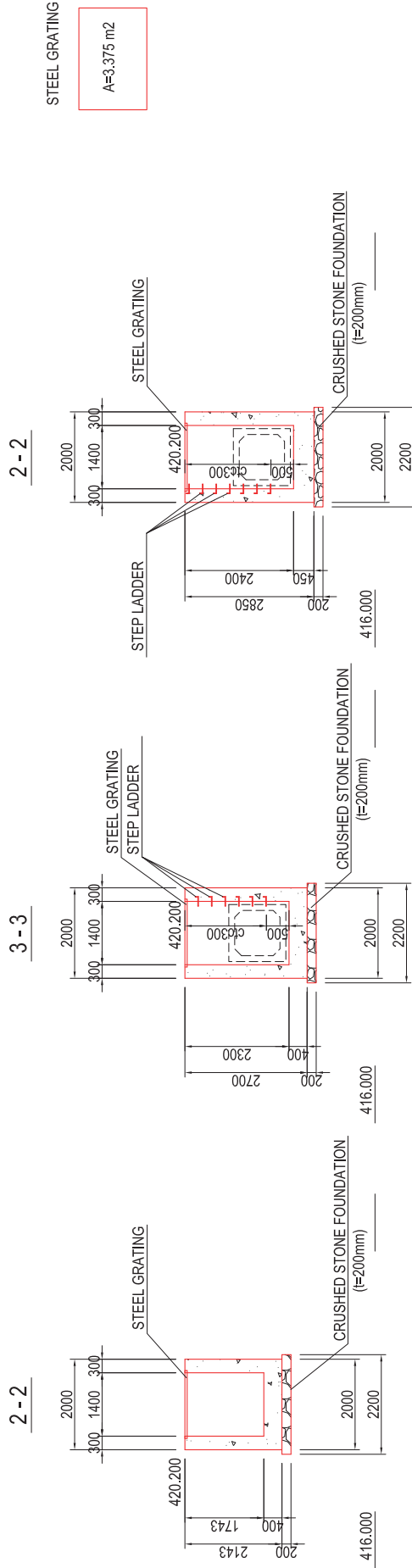
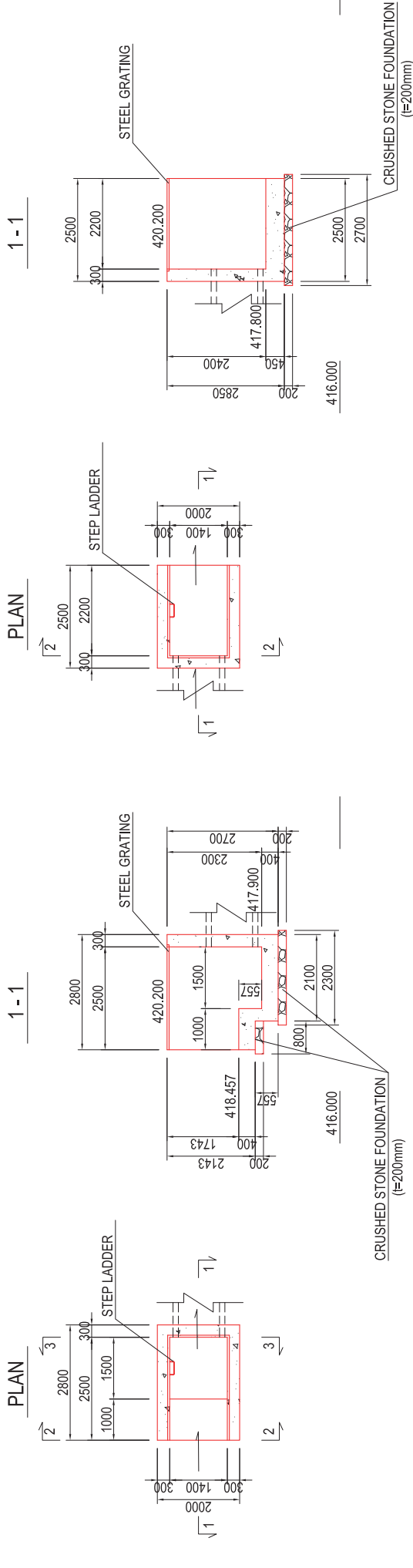


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: <b>NO.7 SIPHON TYPE BOX CULVERT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

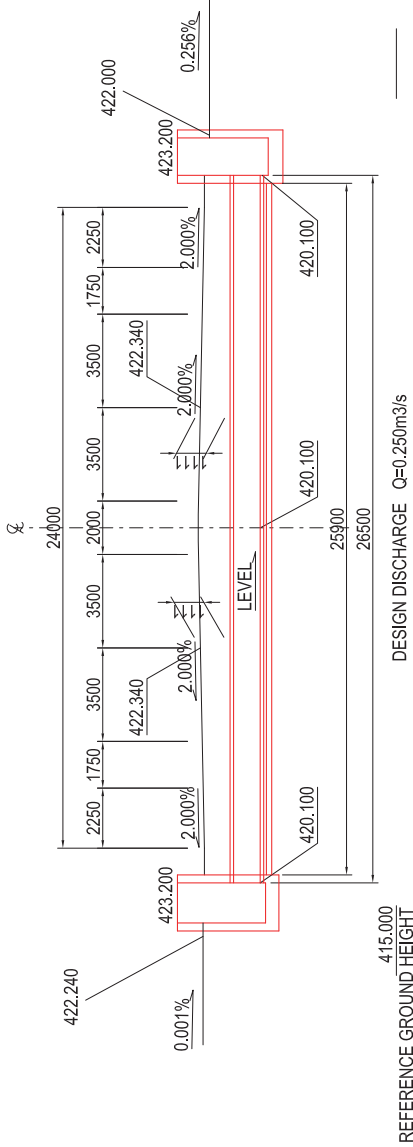


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CITI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: NO.7 SIPHON TYPE BOX CULVERT 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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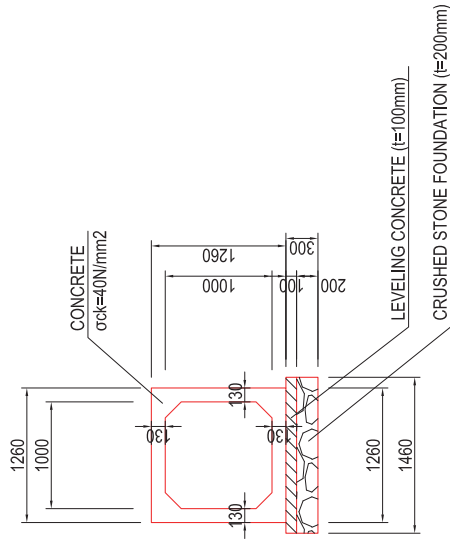


# NO.8 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (1)

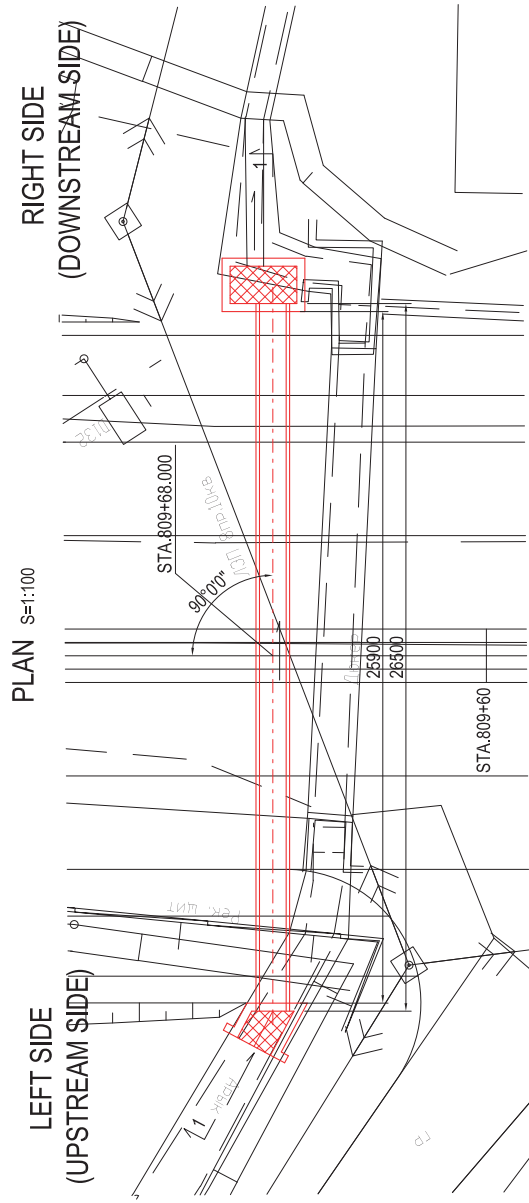
1-1 SECTION S=1:100



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: <b>NO.8 SIPHON TYPE BOX CULVERT FOR IRRIGATION GENERAL DRAWINGS (1)</b>	CHECKED	APPROVED	SCALE (A1 SIZE) 1:100 1:25	DATE	DRAWING NO. <b>SB-16</b>	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)

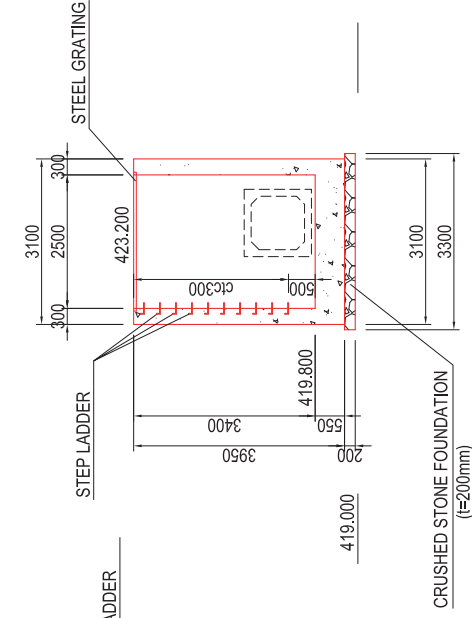
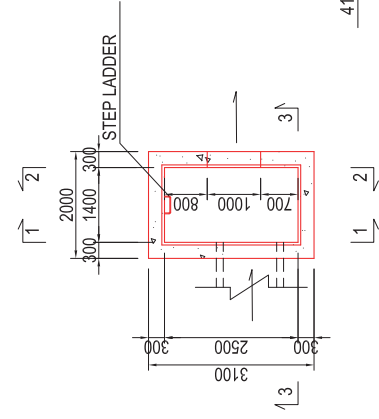
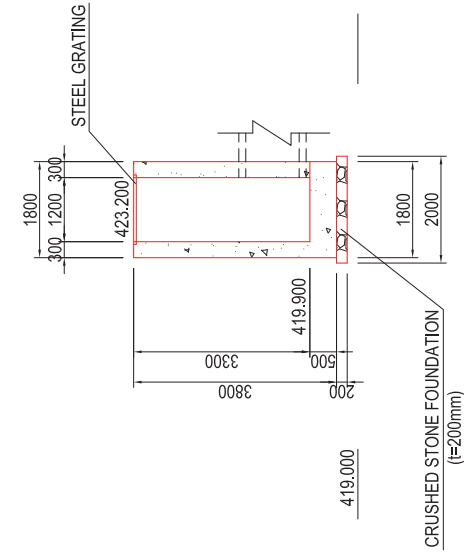
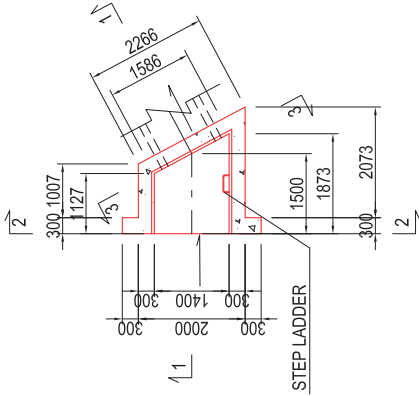
RIGHT SIDE  
(DOWNSTREAM SIDE)

PLAN

1 - 1

PLAN

1 - 1

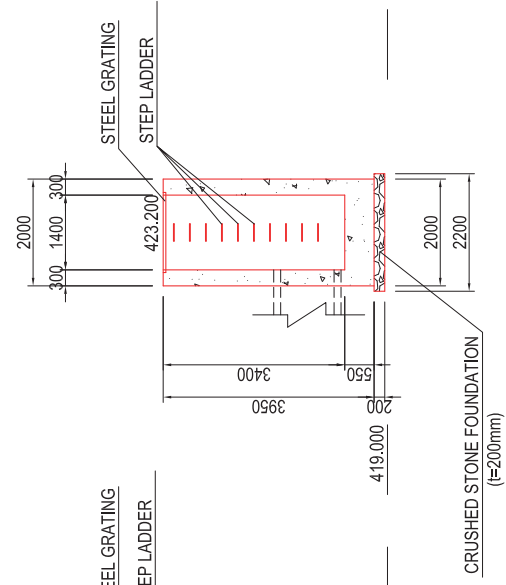
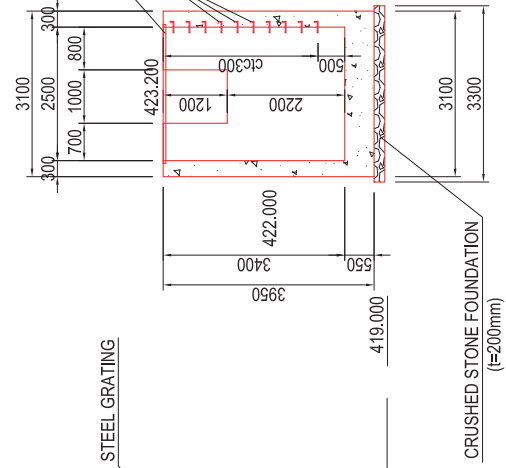
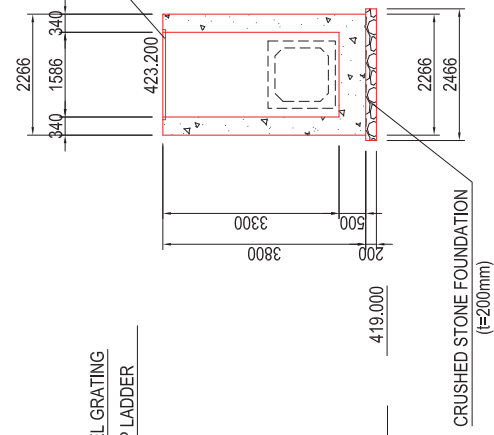
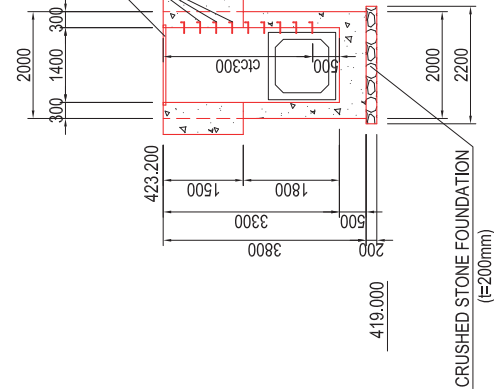


2 - 2

3 - 3

2 - 2

3 - 3



STEEL GRATING

A=2,335 m<sup>2</sup>

STEEL GRATING

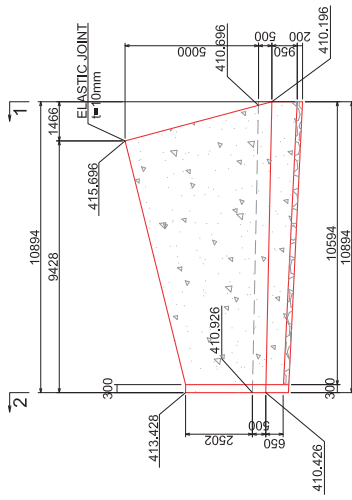
A=3,900 m<sup>2</sup>



# REVETMENT (NO.15 BOX CULVERT) GENERAL DRAWINGS (2)

REVETMENT(NO.1)

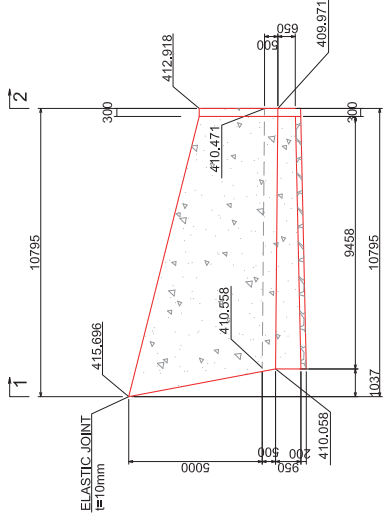
FRONT VIEW S=1:100



DL=+0.05.000

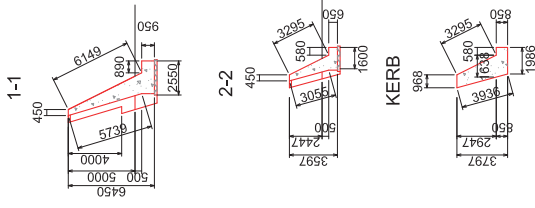
REVETMENT(NO.3)

ELEVATION S=1:100



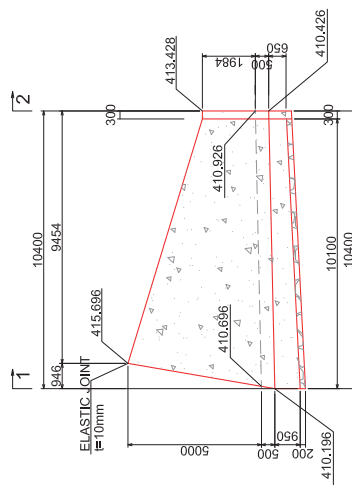
DL=+0.05.000

SECTION S=1:200



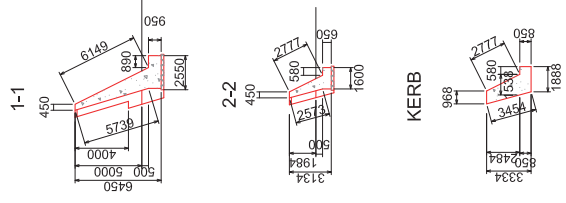
REVETMENT(NO.2)

FRONT VIEW S=1:100



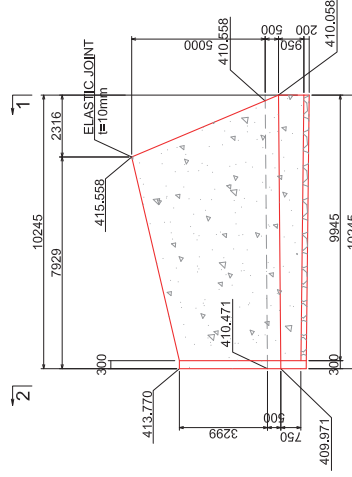
DL=+0.05.000

SECTION S=1:200



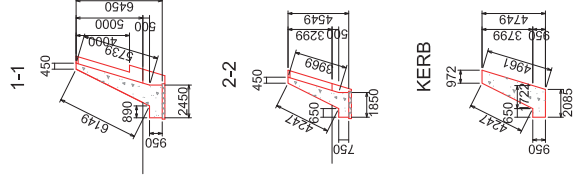
REVETMENT(NO.4)

ELEVATION S=1:100



DL=+0.05.000

SECTION S=1:200

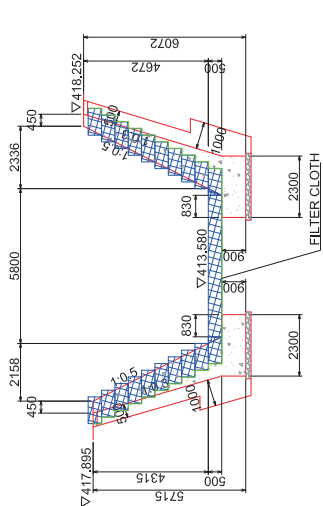


TITLE:	CHECKED	APPROVED	SCALE (A1 SIZE)	DATE	DRAWING NO.	SHEET NO.
REVETMENT (NO.15 BOX CULVERT) GENERAL DRAWINGS (2)			S=1:200 S=1:100		RV-02	2/5
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.			THE PREPARATORY SURVEY FOR THE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

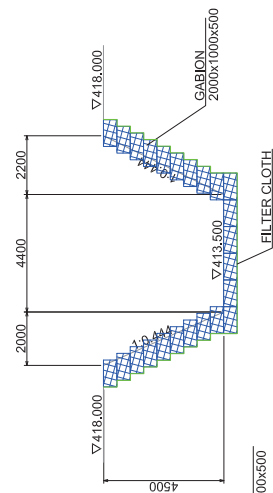
REVTMENT (NO.16 BOX CULVERT)  
GENERAL DRAWINGS (1)

CROSS SECTION S=1:100

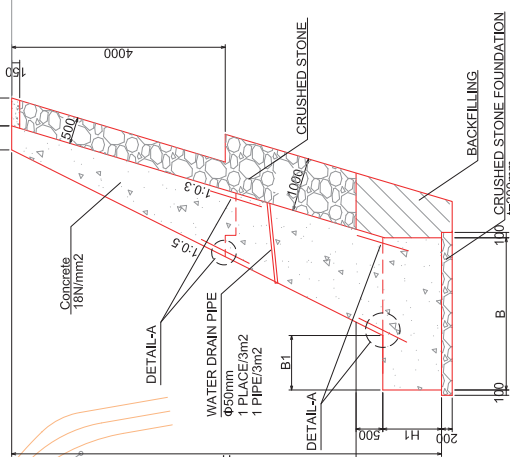
3 - 3



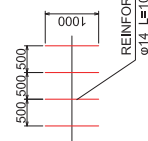
4 - 4



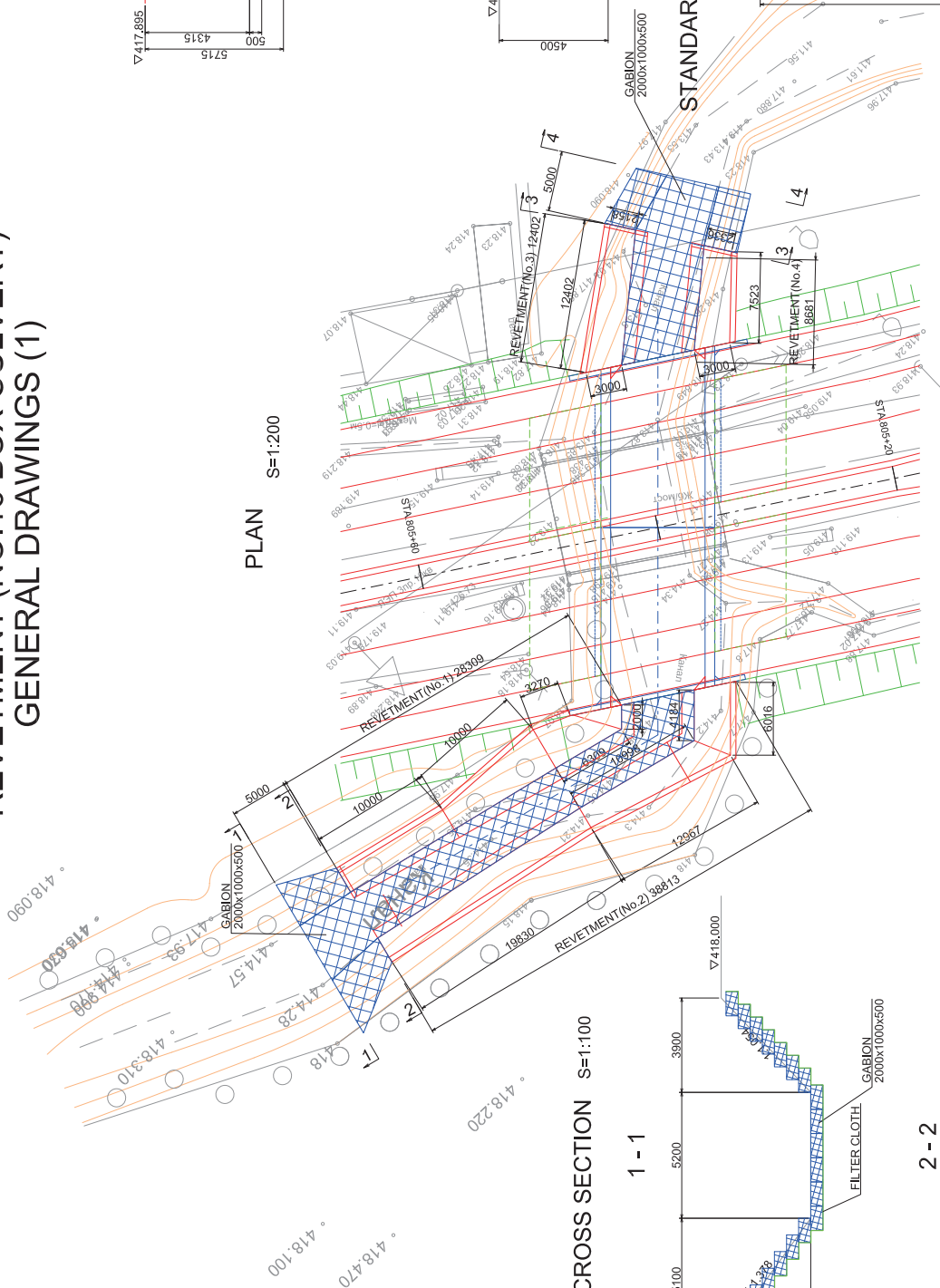
STANDARD CROSS SECTION OF REVETMENT  
S=1:50



DETAIL-A  
S=1:50

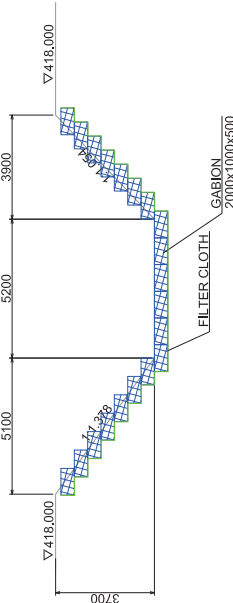


PLAN  
S=1:200

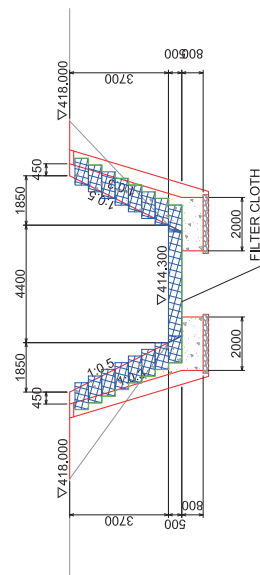


CROSS SECTION S=1:100

1 - 1



2 - 2

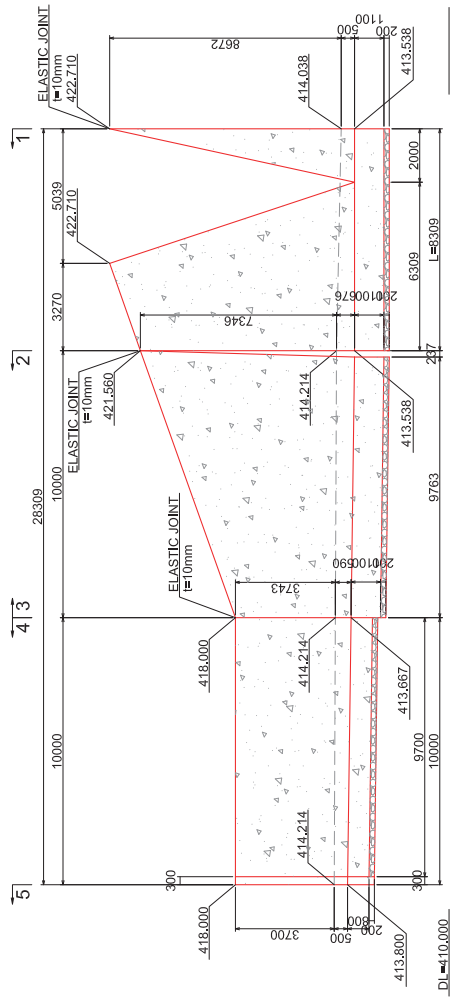


CHECKED	APPROVED	SCALE (A1 SIZE)	DATE	DRAWING NO.	SHEET NO.
		S=1:200 S=1:100 S=1:50		RV-03	3/5
TITLE: REVTMENT (NO.16 BOX CULVERT) GENERAL DRAWINGS (1)					
JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.					
THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF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

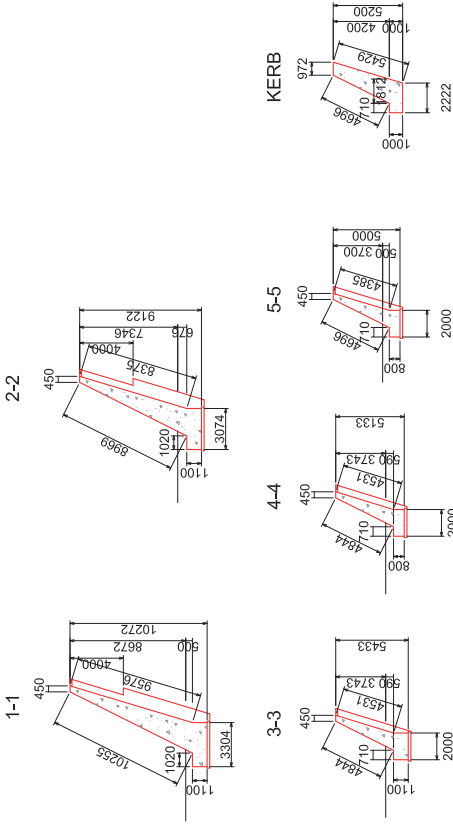
# REVETMENT (NO.16 BOX CULVERT) GENERAL DRAWINGS (2)

## REVETMENT(NO.1)

FRONT VIEW S=1:100

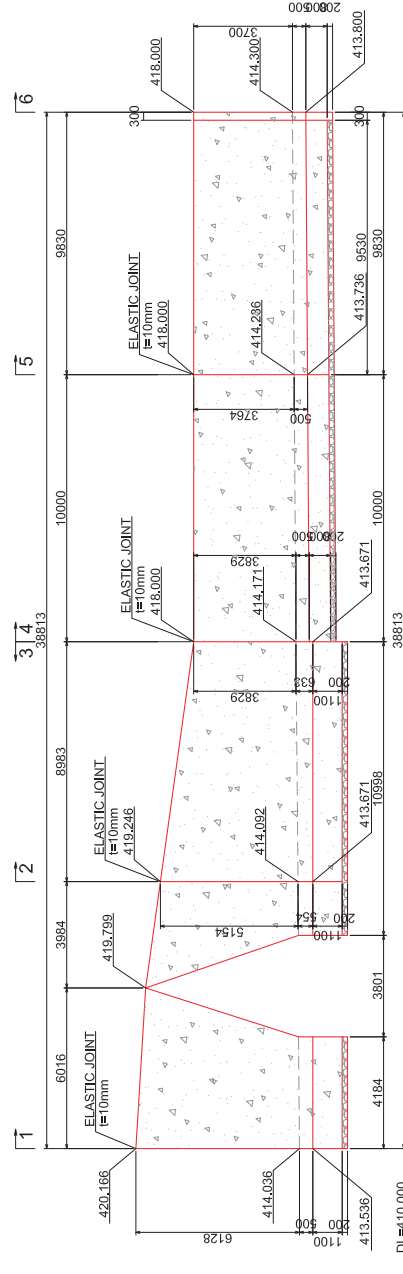


SECTION S=1:200

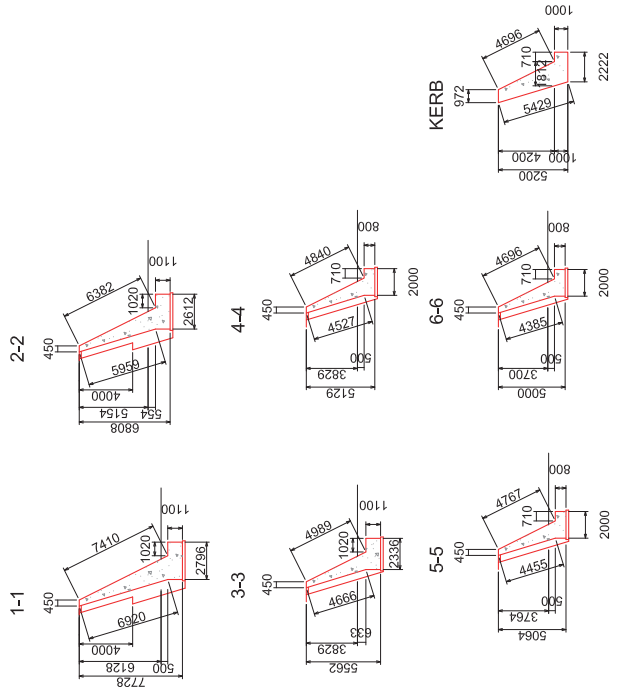


## REVETMENT(NO.2)

FRONT VIEW S=1:100



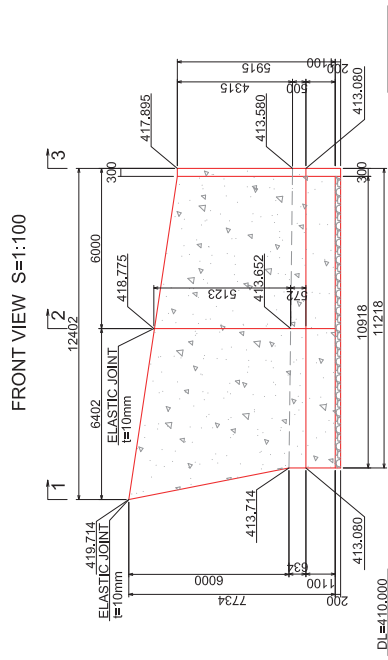
SECTION S=1:200



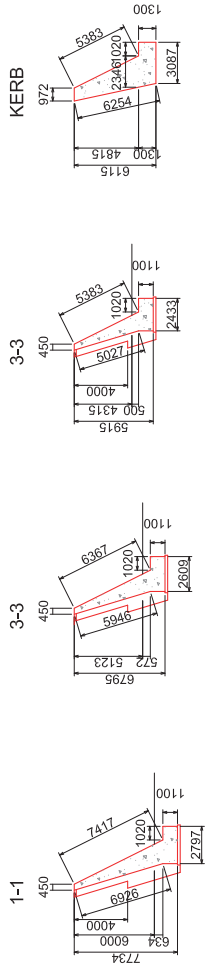
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: REVETMENT (NO.16 BOX CULVERT)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

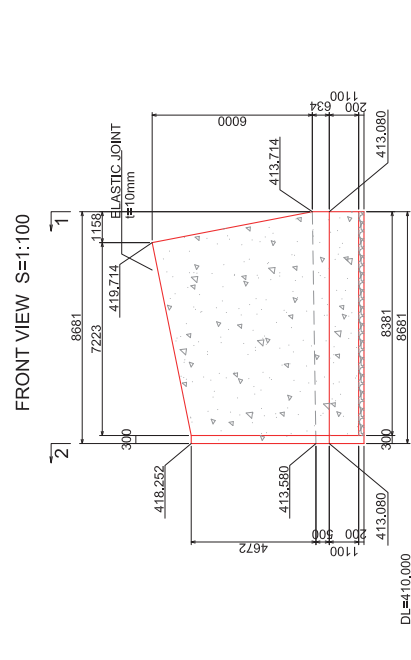
## REVTMENT(NO.3)



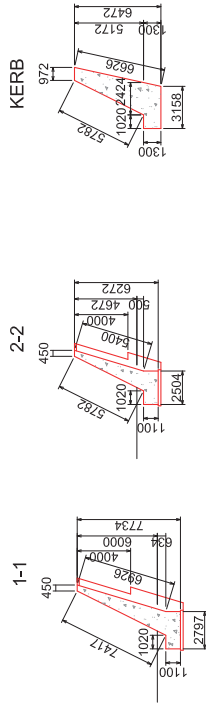
SECTION S=1:200



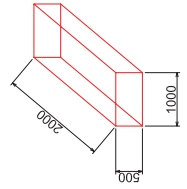
## REVTMENT(NO.4)



SECTION S=1:200



GABION S=1:50  
2000x1000x500

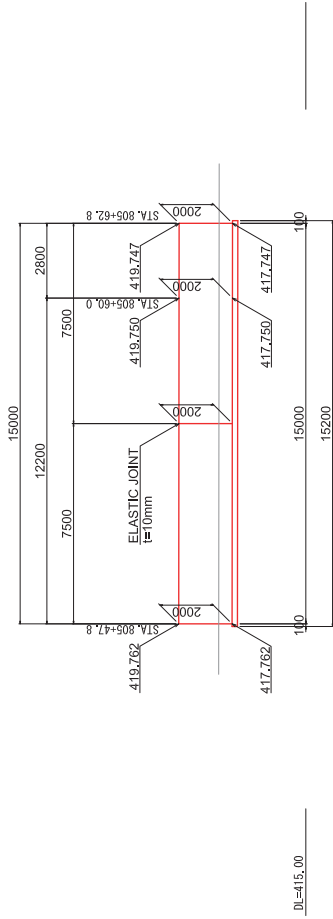


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: REVTMENT (NO.16 BOX CULVERT)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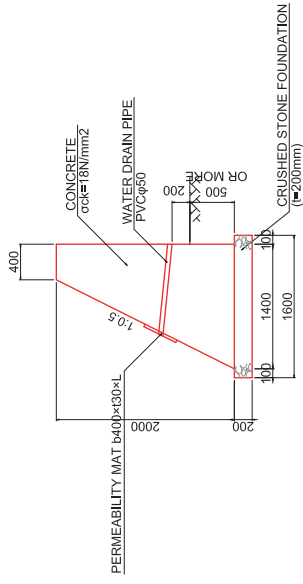
# GRAVITY WALL(1)

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

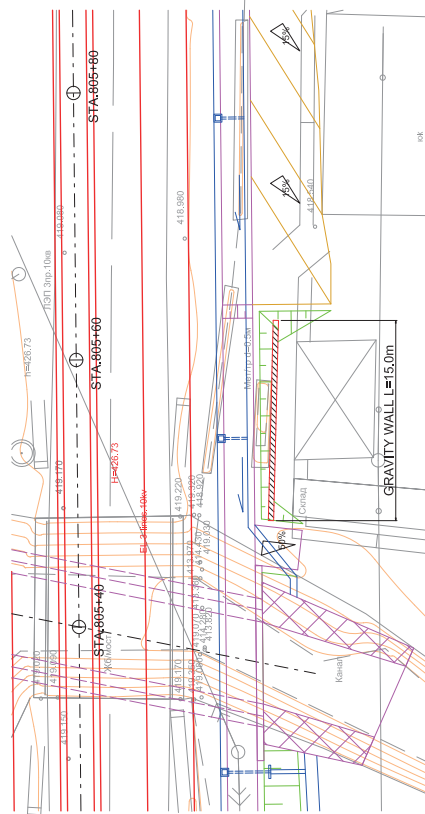
FRONT VIEW S=1:100



CROSS SECTION S=1:30



PLAN S=1:200



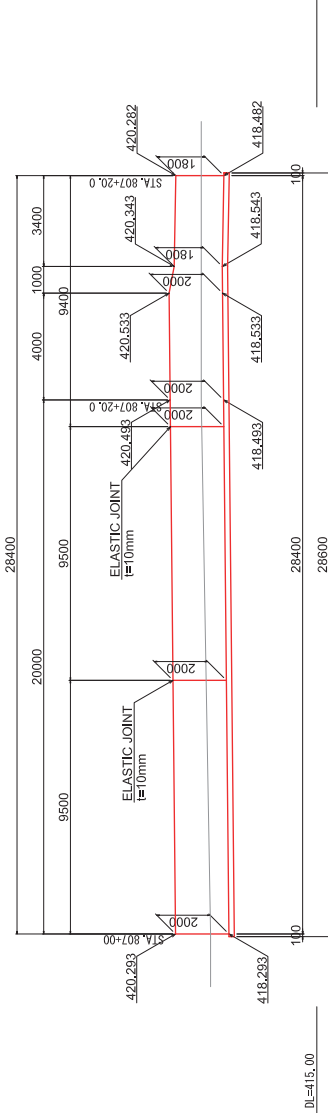
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	TITLE: <b>GRAVITY WALL(1)</b>	CHECKED APPROVED SCALE (A1 SIZE) 1:30 1:100 1:200	DATE DRAWING NO. GW-01	SHEET NO. 1/3
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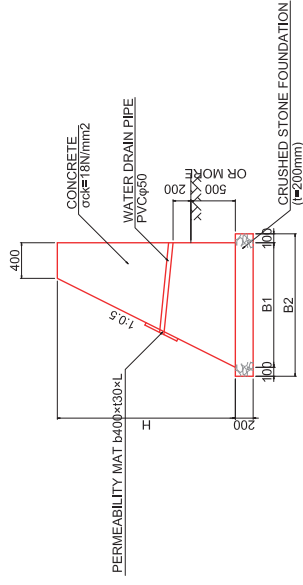
# GRAVITY WALL(2)

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

FRONT VIEW S=1:100



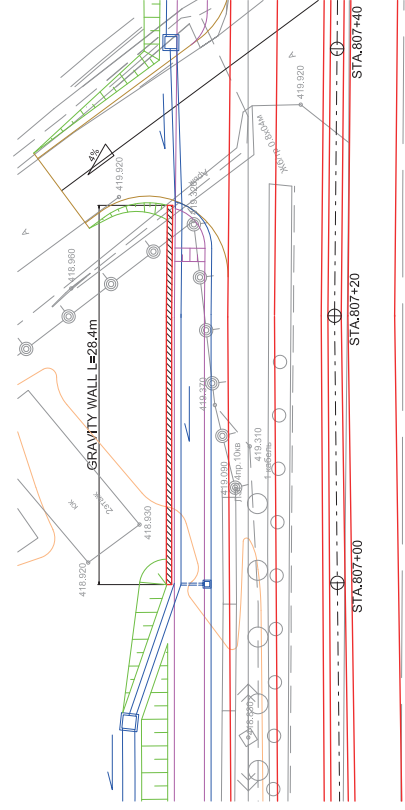
CROSS SECTION S=1:30



DIMENSION TABLE

B1	B2	H
1300	1500	1800
1400	1600	2000

PLAN S=1:200

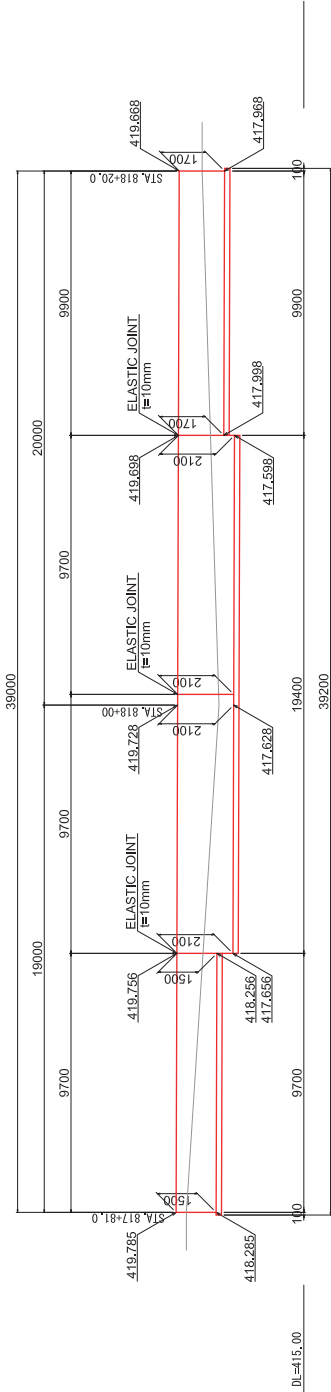


REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: <b>GRAVITY WALL(2)</b>	CHECKED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

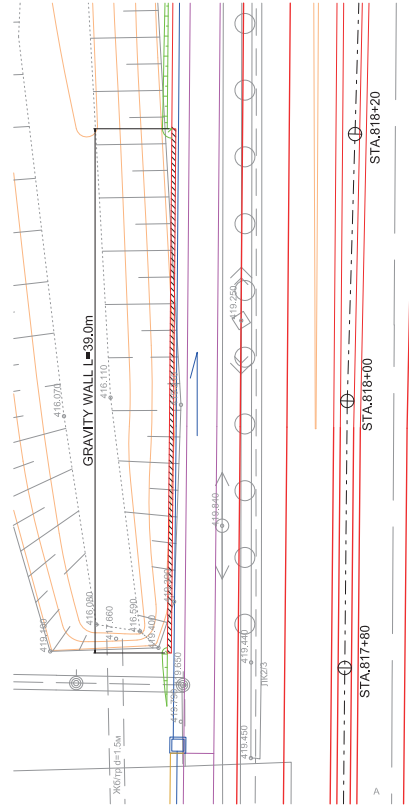
# GRAVITY WALL(3)

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

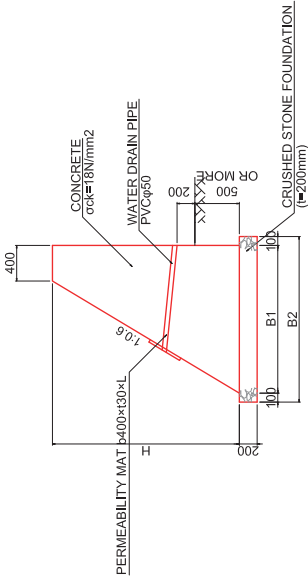
FRONT VIEW S=1:100



PLAN S=1:200



CROSS SECTION S=1:30

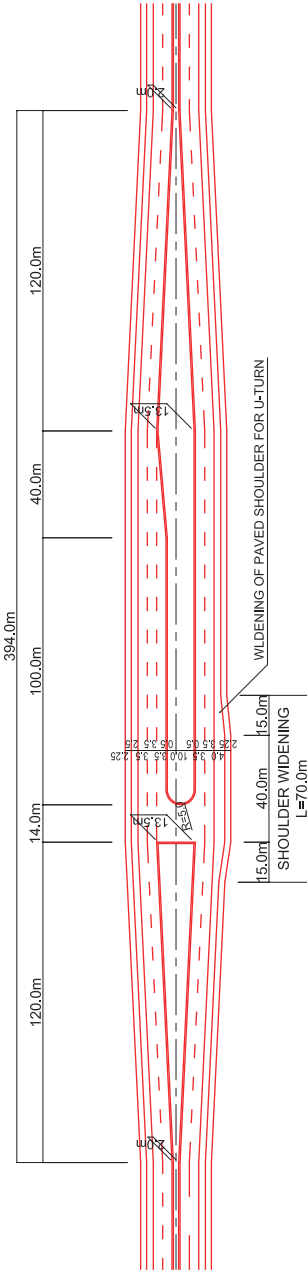


DIMENSION TABLE

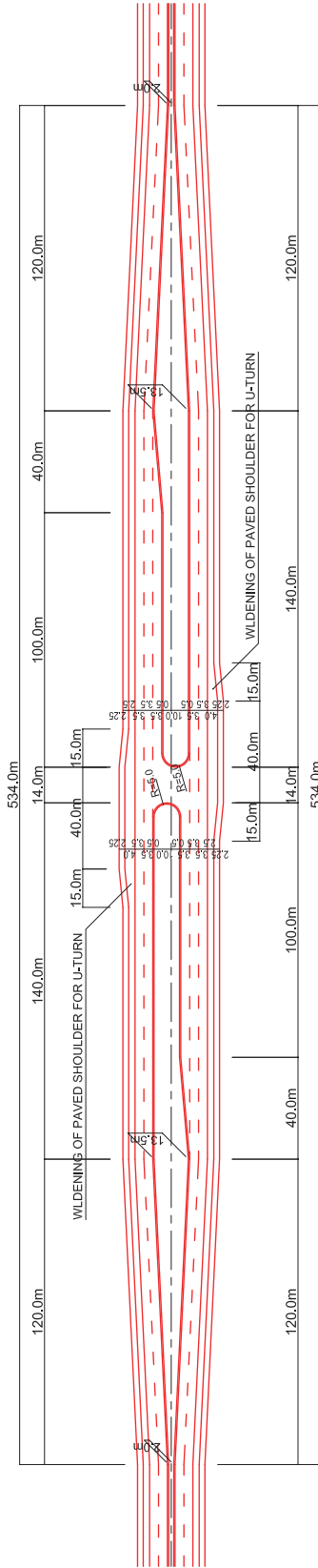
	B1	B2	H
	1300	1500	1500
	1420	1620	1700
	1660	1860	2100

# U-TURN LANE GENERAL DRAWINGS S=1:1000

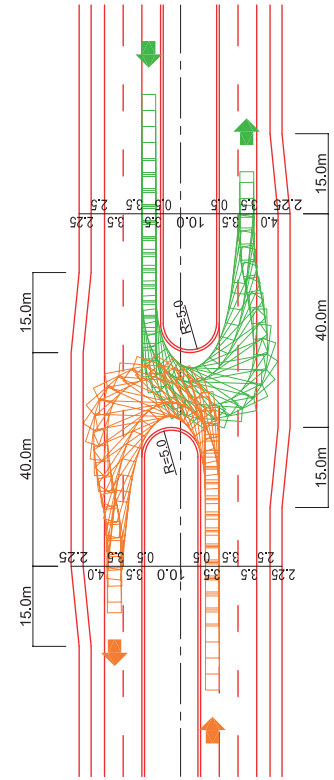
**TYPE-1**



**TYPE-2**



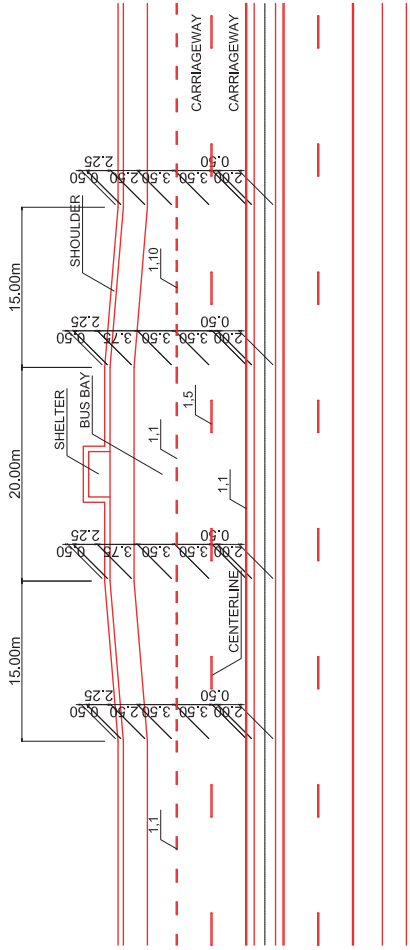
**DETAIL S=1:500**



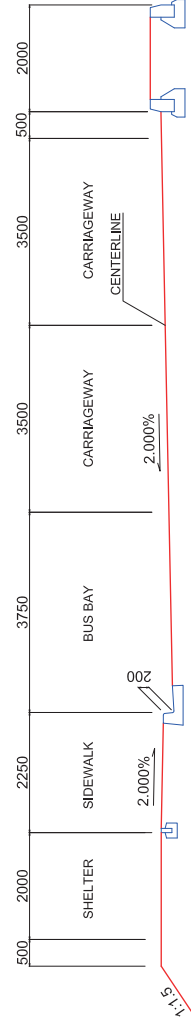
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CIT ENGINEERING INTERNATIONAL CO., LTD.	TITLE: U-TURN LANE GENERAL DRAWINGS			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

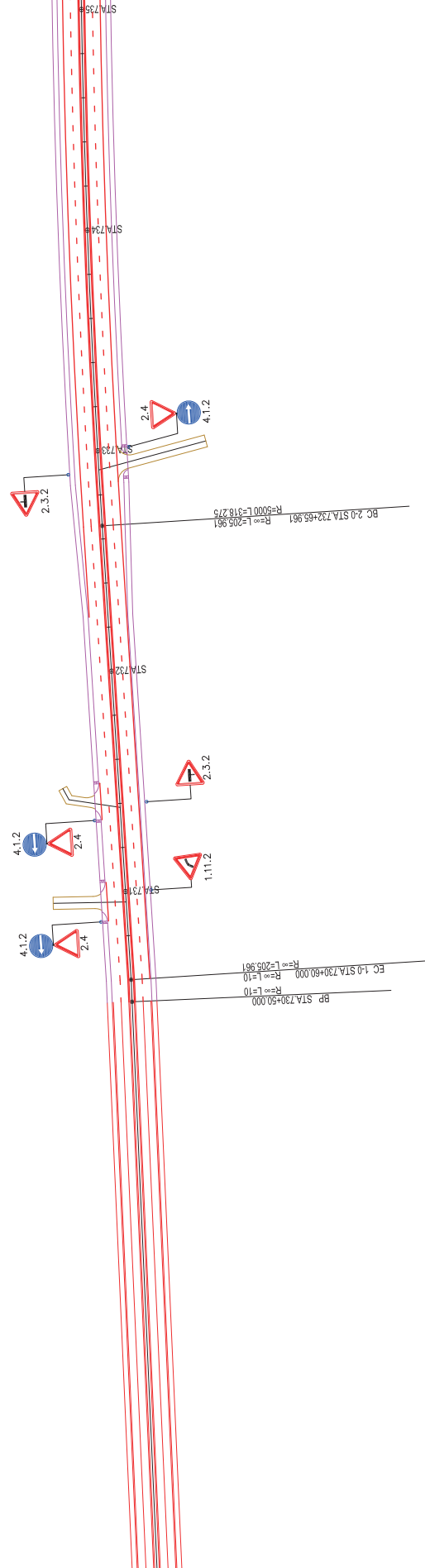
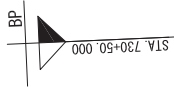


CROSS SECTION S=1:50



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: <b>BUS BAY GENERAL DRAWINGS</b>		CHECKED	APPROVED	SCALE (A1 SIZE) 1:50 1:250	DATE	DRAWING NO. RA-02	SHEET NO. 2/33

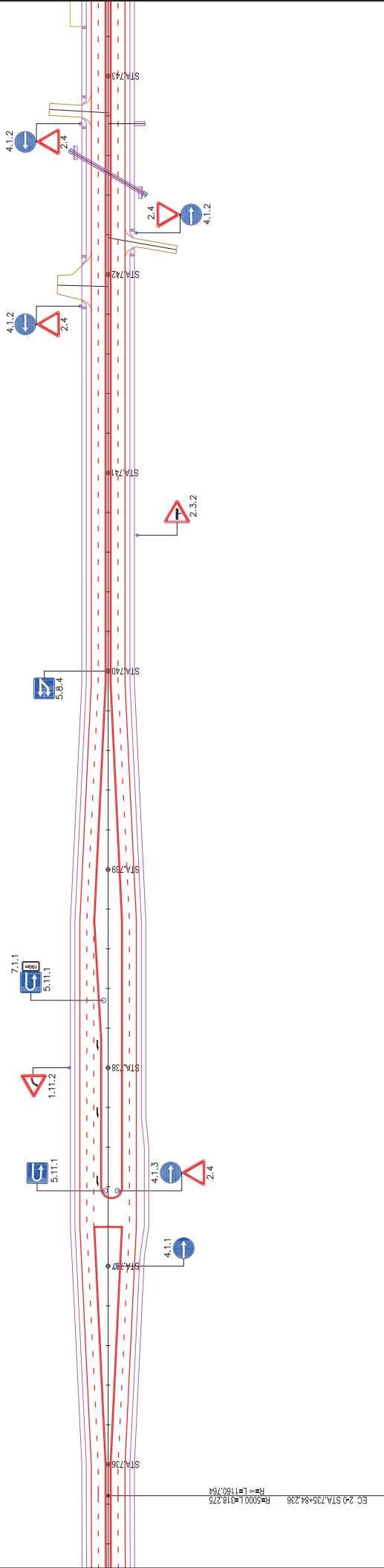
# LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS(1)



EC 2.0 STA 732+65.961 R=5000 L=318.275 R=∞ L=205.961

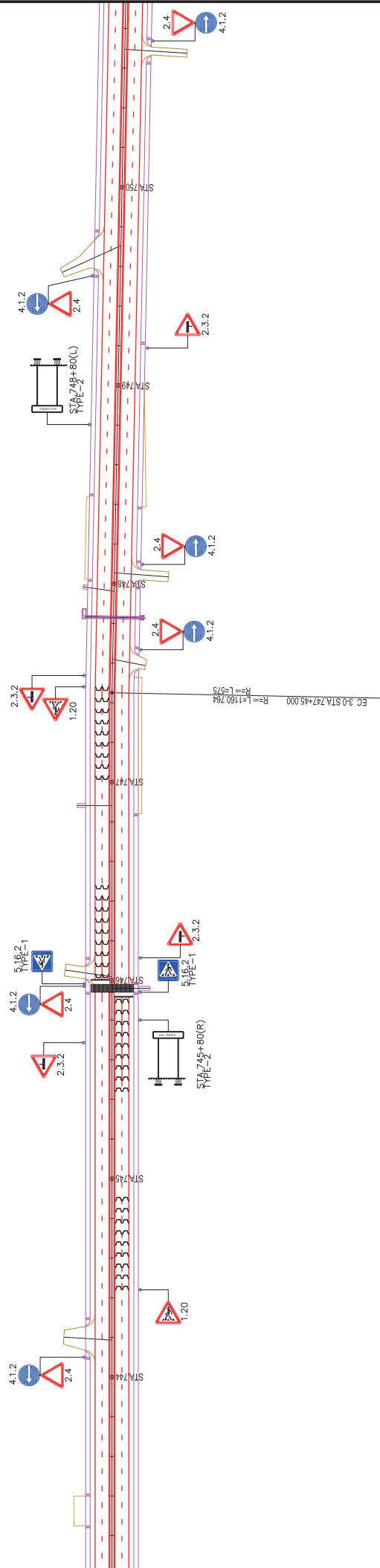
REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: <b>LAYOUT PLAN OF TYPICAL TRAFFIC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

# LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS(2)



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: <b>LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS (2)</b>	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: <b>LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS (3)</b>	DRAWING NO. RA-05	DATE	SCALE (A1 SIZE) 1:1000	APPROVED	CHECKED	SHEET NO. 5/33
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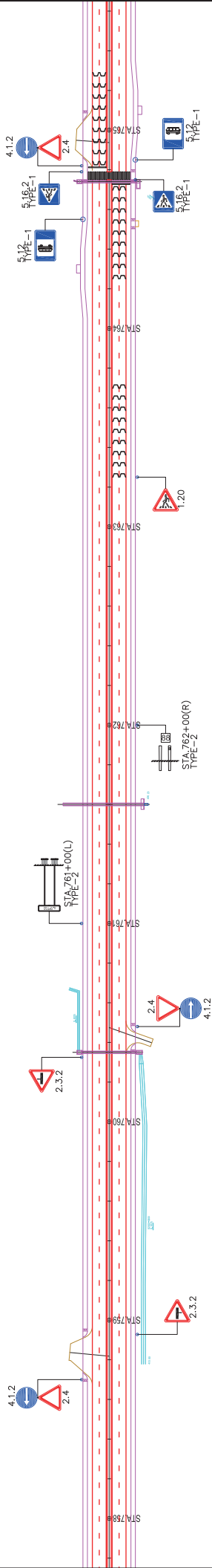
# LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS(14)



SHEET NO.	DRAWING NO.	DATE	SCALE (A1 SIZE)	APPROVED	CHECKED	TITLE:	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
6/33	RA-06		1:1000			LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS (4)			

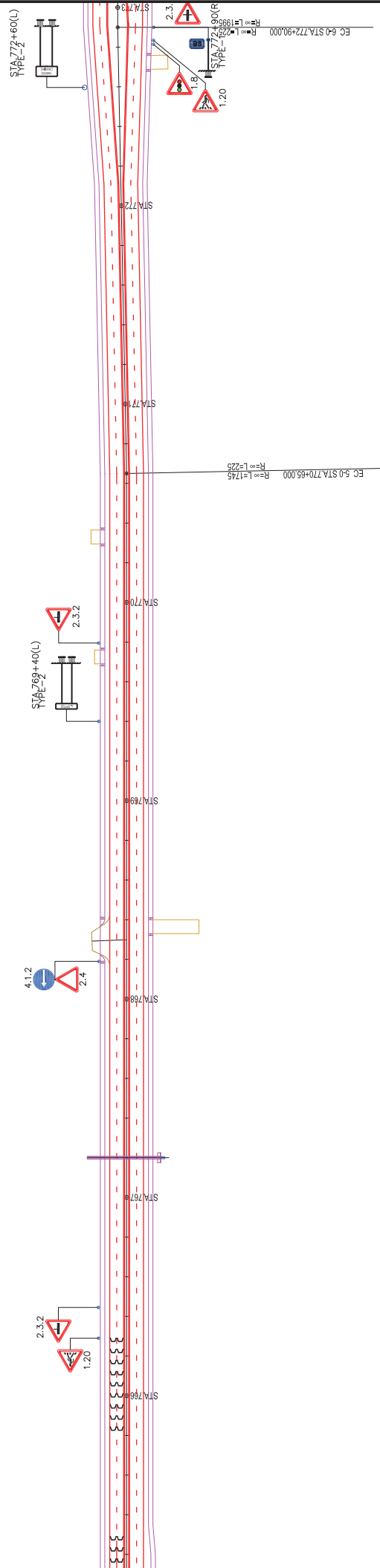


# LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS(13)



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: <b>LAYOUT PLAN OF TYPICAL TRAFFIC SIGNS (5)</b>	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: <b>LAYOUT PLAN OF          TYPICAL TRAFFIC SIGNS (6)</b>	CHECKED APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO. <b>RA-08</b> SHEET NO. <b>8/33</b>
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