

List of Inlet Pit

Area	Sewer Line	Dia D (mm)	Type of Inlet	Type of Cover	Inlet No.	GL (m)	Invert Level I (m)	H (m)	h _i (m)
BM2	N1	400	1	D	I1	1.230	0.048	2,062	1,582
BM2	N1	400	1	D	I'1	1.230	-0.304	2,414	1,934
BM2	N1	400	1	D	I2	1.210	0.048	2,042	1,562
BM2	N1	400	1	D	I'2	1.210	-0.304	2,394	1,914
BM2	N1	400	1	D	I3	1.190	-0.052	2,122	1,642
BM2	N1	400	1	D	I'3	1.190	-0.304	2,374	1,894
BM2	N1	400	1	D	I5	1.200	-0.002	2,082	1,602
BM2	N1	400	1	D	I'5	1.200	-0.304	2,384	1,904
BM2	N1	400	1	D	I6	1.200	-0.002	2,082	1,602
BM2	N1	400	1	D	I'6	1.200	-0.304	2,384	1,904
BM2	N1	400	1	D	I7	1.200	-0.002	2,082	1,602
BM2	N1	400	1	D	I'7	1.200	-0.304	2,384	1,904
BM2	N1	400	1	D	I8	1.230	0.048	2,062	1,582
BM2	N1	400	1	D	I'8	1.230	-0.304	2,414	1,934
BM2	N1	400	1	D	I9	1.250	0.048	2,082	1,602
BM2	N1	400	1	D	I'9	1.250	-0.254	2,384	1,904
BM2	N1	400	1	D	I10	1.260	0.048	2,092	1,612
BM2	N1	400	1	D	I'11	1.260	0.048	2,092	1,612
BM2	N1	400	1	D	I'11	1.260	-0.254	2,394	1,914
BM2	N1	400	1	D	I'12	1.260	-0.254	2,394	1,914
BM2	N1	400	1	D	I13	1.240	0.048	2,072	1,592
BM2	N1	400	1	D	I'13	1.240	-0.254	2,374	1,894
BM2	N1	400	1	D	I14	1.160	-0.052	2,092	1,612
BM2	N1	400	1	D	I'14	1.160	-0.354	2,394	1,914
BM2	N1	400	1	D	I16	1.080	-0.102	2,062	1,582
BM2	N1	400	1	D	I'16	1.080	-0.404	2,364	1,884
BM2	N1	400	1	D	I17	1.120	-0.082	2,082	1,602
BM2	N1	400	1	D	I'17	1.120	-0.404	2,404	1,924
BM2	N1	400	1	D	I18	1.090	-0.102	2,072	1,592
BM2	N1	400	1	D	I'18	1.090	-0.404	2,374	1,894
BM2	N1	400	1	D	I20	1.150	-0.052	2,082	1,602
BM2	N1	400	1	D	I21	1.140	-0.052	2,072	1,592
BM2	N1	400	1	D	I'21	1.140	-0.354	2,374	1,894
BM2	N1	400	1	D	I22	1.100	-0.102	2,082	1,602
BM2	N1	400	1	D	I'22	1.100	-0.404	2,384	1,904
BM2	N1	400	1	D	I23	1.100	-0.102	2,082	1,602
BM2	N1	400	1	D	I'23	1.100	-0.404	2,384	1,904
BM2	N1	400	1	D	I24	1.100	-0.102	2,082	1,602
BM2	N1	400	1	D	I'24	1.100	-0.404	2,384	1,904
BM2	N1	400	1	D	I25	1.050	-0.502	2,432	1,952
BM2	N1	400	1	D	I'25	1.050	-0.152	2,072	1,592
BM2	N1	400	1	D	I'26	1.040	-0.104	2,024	1,544
BM2	N1	400	1	D	I27	1.070	-0.152	2,102	1,622
BM2	N1	400	1	D	I'28	1.100	-0.102	2,082	1,602
BM2	N1	400	1	D	I'29	1.100	-0.404	2,384	1,904
BM2	N1	600	1	D	I'10	1.260	-0.454	2,594	2,114
BM2	N1	600	1	D	I'15	1.110	-0.604	2,594	2,114
BM2	N1	600	1	D	I'24	1.100	-0.604	2,584	2,104
BM2	N1	600	1	D	I'28	1.100	-0.604	2,584	2,104
BM2	S1	400	1	D	I1	1.230	-0.328	2,438	1,958
BM2	S1	400	1	D	I2	1.310	-0.228	2,418	1,938
BM2	S1	400	1	D	I3	1.360	-0.178	2,418	1,938
BM2	S1	400	1	D	I4	1.320	-0.228	2,428	1,948
BM2	S1	400	1	D	I5	1.290	-0.228	2,398	1,918
BM2	S1	400	1	D	I7	1.270	-0.228	2,378	1,898
BM2	S1	400	1	D	I8	1.280	-0.228	2,388	1,908
BM2	S1	400	1	D	I9	1.290	-0.228	2,398	1,918
BM2	S1	400	1	D	I11	1.310	-0.228	2,418	1,938
BM2	S1	400	1	D	I14	1.290	-0.228	2,398	1,918
BM2	S1	400	1	D	I15	1.270	-0.278	2,428	1,948
BM2	S1	400	1	D	I16	1.300	-0.228	2,408	1,928
BM2	S1	400	1	D	I17	1.320	-0.228	2,428	1,948
BM2	S1	400	1	D	I20	1.330	-0.228	2,438	1,958

Area	Sewer Line	Dia D (mm)	Type of Inlet	Type of Cover	Inlet No.	GL (m)	Invert Level I (m)	H (m)	h _i (m)
BM2	S1	400	1	D	I21	1.350	-0.178	2,408	1,928
BM2	S1	400	1	D	I25	1.280	-0.228	2,388	1,908
BM2	S1	400	1	D	I27	1.290	-0.228	2,398	1,918
BM2	S1	400	1	D	I29	1.350	-0.178	2,408	1,928
BM2	S1	400	1	D	I30	1.360	-0.178	2,418	1,938
BM2	S1	600	1	D	I6	1.280	-0.428	2,588	2,108
BM2	S1	600	1	D	I10	1.330	-0.428	2,638	2,158
BM2	S1	600	1	D	I12	1.240	-0.528	2,648	2,168
BM2	S1	600	1	D	I13	1.270	-0.478	2,628	2,148
BM2	S1	600	1	D	I19	1.310	-0.428	2,618	2,138
BM2	S1	600	1	D	I22	1.380	-0.378	2,638	2,158
BM2	S1	600	1	D	I23	1.380	-0.378	2,638	2,158
BM2	S1	600	1	D	I24	1.320	-0.428	2,628	2,148
BM2	S1	600	1	D	I28	1.340	-0.378	2,598	2,118
BM2	S2	400	1	D	I'1	1.740	0.222	2,398	1,918
BM2	S2	400	1	D	I'2	1.590	0.072	2,398	1,918
BM2	S2	400	1	D	I'3	1.570	0.072	2,378	1,898
BM2	S2	400	1	D	I'5	1.520	-0.028	2,428	1,948
BM2	S2	400	1	D	I'6	1.510	-0.028	2,418	1,938
BM2	S2	400	1	D	I'7	1.500	-0.028	2,408	1,928
BM2	S2	400	1	D	I'8	1.500	-0.028	2,408	1,928
BM2	S2	400	1	D	I'9	1.490	-0.028	2,398	1,918
BM2	S2	400	1	D	I'10	1.470	-0.078	2,428	1,948
BM2	S2	400	1	D	I'11	1.440	-0.078	2,398	1,918
BM2	S2	400	1	D	I'12	1.400	-0.128	2,408	1,928
BM2	S2	400	1	D	I'13	1.390	-0.128	2,398	1,918
BM2	S2	400	1	D	I'14	1.380	-0.178	2,438	1,958
BM2	S2	400	1	D	I'15	1.360	-0.178	2,418	1,938
BM2	S2	400	1	D	I'16	1.360	-0.178	2,418	1,938
BM2	S2	600	1	D	I'4	1.550	0.072	2,358	1,878
BM2	N2	400	1	D	I1	1.780	0.242	2,418	1,938
BM2	N2	400	1	D	I2	1.530	-0.008	2,418	1,938
BM2	N2	400	1	D	I3	1.460	-0.058	2,398	1,918
BM2	N2	400	1	D	I5	1.430	-0.058	2,368	1,888
BM2	N2	400	1	D	I6	1.410	-0.108	2,398	1,918
BM2	N2	400	1	D	I8	1.410	-0.108	2,398	1,918
BM2	N2	400	1	D	I9	1.420	-0.108	2,408	1,928
BM2	N2	400	1	D	I10	1.440	-0.108	2,428	1,948
BM2	N2	400	1	D	I11	1.560	-0.108	2,548	2,068
BM2	N2	400	1	D	I12	1.510	-0.052	2,442	1,962
BM2	N2	400	1	D	I12	1.510	0.052	2,338	1,858
BM2	N2	400	1	D	I13	1.480	-0.072	2,432	1,952
BM2	N2	400	1	D	I13	1.480	-0.224	2,584	2,104
BM2	N2	400	1	D	I14	1.360	-0.202	2,442	1,962
BM2	N2	400	1	D	I14	1.360	-0.098	2,338	1,858
BM2	N2	400	1	D	I15	1.380	-0.202	2,462	1,982
BM2	N2	400	1	D	I'15	1.380	-0.098	2,358	1,878
BM2	N2	400	1	D	I16	1.370	-0.202	2,452	1,972
BM2	N2	400	1	D	I16	1.370	-0.098	2,348	1,868
BM2	N2	400	1	D	I17	1.350	-0.098	2,328	1,952
BM2	N2	400	1	D	I18	1.300	-0.252	2,432	1,952
BM2	N2	400	1	D	I19	1.260	-0.302	2,442	1,962
BM2	N2	400	1	D	I'19	1.260	-0.198	2,338	1,858
BM2	N2	400	1	D	I20	1.310	-0.252	2,442	1,962
BM2	N2	400	1	D	I'20	1.310	-0.148	2,338	1,858
BM2	N2	400	1	D	I21	1.320	-0.252	2,452	1,972
BM2	N2	400	1	D	I'21	1.320	-0.148	2,348	1,868
BM2	N2	400	1	D	I22	1.180	-0.402	2,462	1,982
BM2	N2	400	1	D	I'22	1.180	-0.298	2,358	1,878

Area	Sewer Line	Dia D (mm)	Type of Inlet	Type of Cover	Inlet No.	GL (m)	Invert Level I (m)	H (m)	h _i (m)
BM2	N2	400	1	D	I23	1.180	-0.402	2,462	1,982
BM2	N2	400	1	D	I24	1.100	-0.452	2,432	1,952
BM2	N2	400	1	D	I'24	1.100	-0.074	2,054	1,574
BM2	N2	400	1	D	I25	1.090	-0.452	2,422	1,942
BM2	N2	400	1	D	I'25	1.090	-0.074	2,044	1,564
BM2	N2	400	1	D	I26	1.110	-0.452	2,442	1,962
BM2	N2	400	1	D	I'26	1.110	-0.074	2,064	1,584
BM2	N2	400	1	D	I27	1.140	-0.402	2,422	1,942
BM2	N2	400	1	D	I'27	1.140	-0.024	2,044	1,564
BM2	N2	400	1	D	I28	1.120	-0.452	2,452	1,972
BM2	N2	600	1	D	I4	1.450	-0.258	2,588	2,108
BM2	N2	600	1	D	I7	1.400	-0.308	2,588	2,108
BM2	N1-2	400	1	D	I1	1.210	-0.328	2,418	1,938
BM2	N1-2	400	1	D	I'1	1.210	0.042	2,048	1,568
BM2	N1-2	400	1	D	I2	1.190	-0.328	2,398	1,918
BM2	N1-2	400	1	D	I'2	1.190	0.042	2,028	1,548
BM2	N1-2	400	1	D	I3	1.220	-0.328	2,428	1,948
BM2	N1-2	400	1	D	I4	1.230	-0.328	2,438	1,958
BM2	N1-2	400	1	D	I5	1.160	-0.378	2,418	1,938
BM2	N1-2	4							

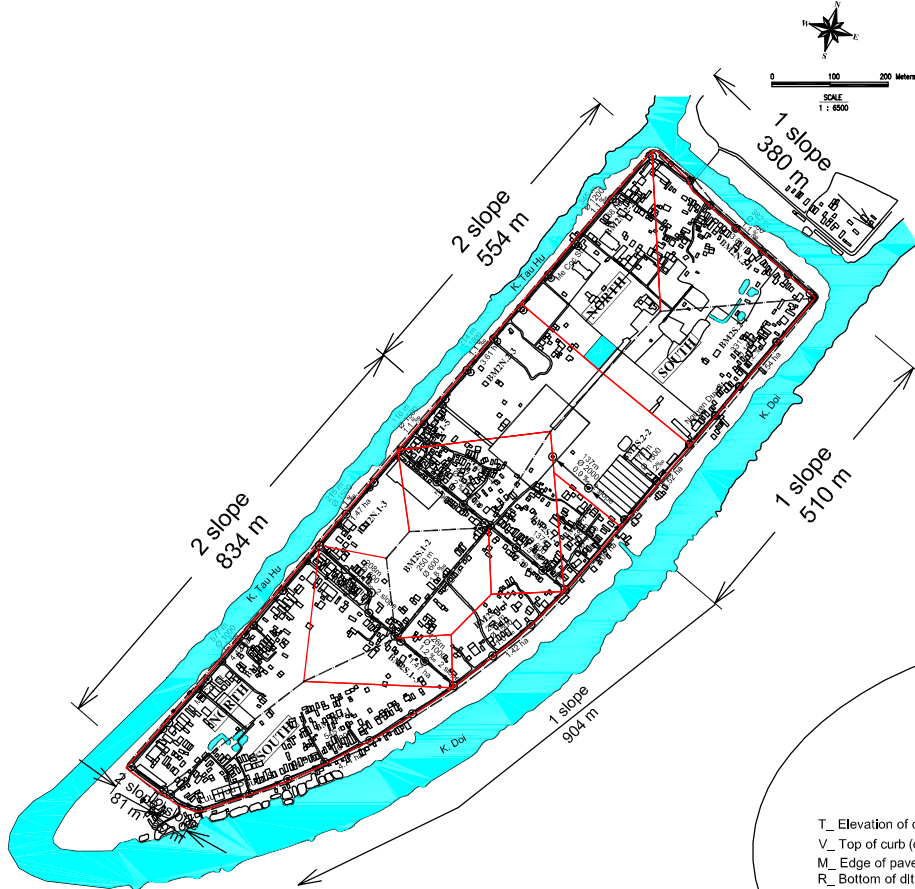
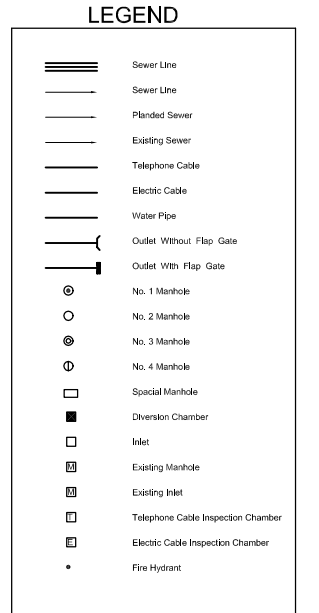
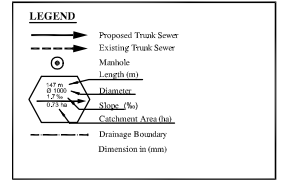
PAVEMENT STRUCTURE OF ME COC 2

GENERAL PLAN

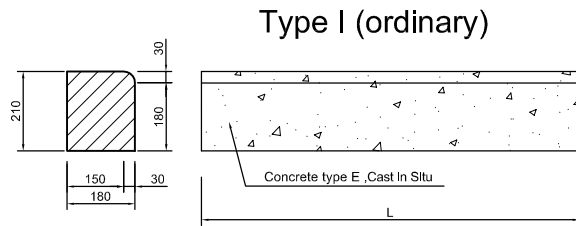
ME COC (2) AREA
Scale: 1:3500

No	Name of road	Existing wide (m)			Length of curb (m)	Detail Quantity of Pavement with 6m of wide in ME COC (2)					Pavement area (m2)	RECONSTRUCTION PAVEMENT (LOCAL STREET)	
		Road bed	Pavement (Existing)	Side walk		A.C Wearing (m3/ton)	A.C Binder (m3/ton)	Agg. 2-4 Base (m3)	Agg. 4-6 Subbase (m3)	Tack Coat (Litres)			Prime Coat (Litres)
BEN ME COC 2													
1	Me Coc 2-N1	20.0-25.0	4.5-5.5	10.0-15.0	2x4197.0	1259.0/2770.0	1259.0/2770.0	4785.0	5036.0	12591.0	37773.0	25182.0	Type P3: demand elastic modulus Eyc = 1600kg/cm² 5cm wearing course, asphalt concrete (small size) Emulsi-fies asphalt tack coat (0.2-0.7 %) 5cm binder course asphalt concrete (gross size) Emulsi-fies asphalt prime coat 1.0-2.0 (m) 19cm base course, crushed aggregate (size 2-4 cm) 20cm subbase course, aggregate 4-6cm (or red gravel grading) Eo = 350 Kg/cm ² 49 cm IS TOTAL THICKNESS OF PAVEMENT
2	Me Coc 2-N2	15.0-25.0	4.5-5.5	5.0-15.0	2x1057.0	317.0/697.0	317.0/697.0	1388.0	1460.0	3651.0	10953.0	7302.0	
3	Nguyen Duy-S1	35.0-45.0	4.5-5.5	25.0-35.0	2x1099.0	330.0/726.0	330.0/726.0	1205.0	1268.0	3171.0	9513.0	6342.0	
4	Nguyen Duy-S2	25.0-35.0	5.0-6.0	15.0-35.0	2x824.0	247.0/543.0	247.0/543.0	1253.0	1319.0	3297.0	9891.0	6594.0	

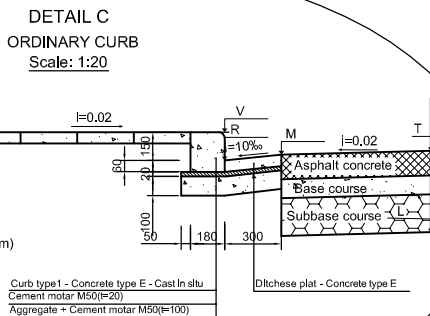
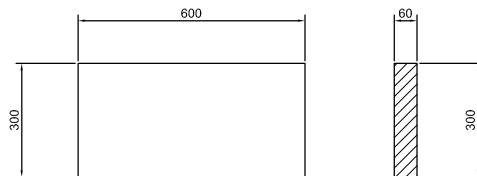
NOTE : Nguyen Duy Street is old name, New name is LUU HUU PHUOC Street



a) CURB Scale: 1:10



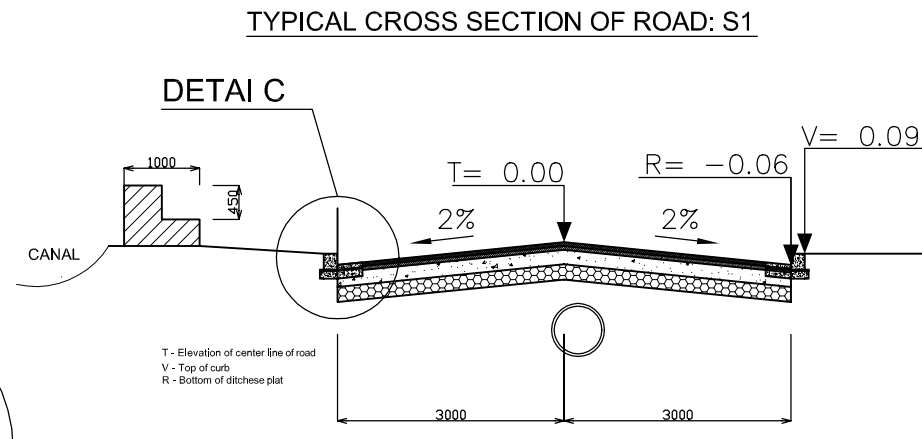
b) DITCHESE PLATE (L DITCHESE)



T_ Elevation of center line of road
V_ Top of curb (cm)
M_ Edge of pavement (cm)
R_ Bottom of ditch plate (cm)
L_ Bottom of subbase (=subgrade level) (cm)

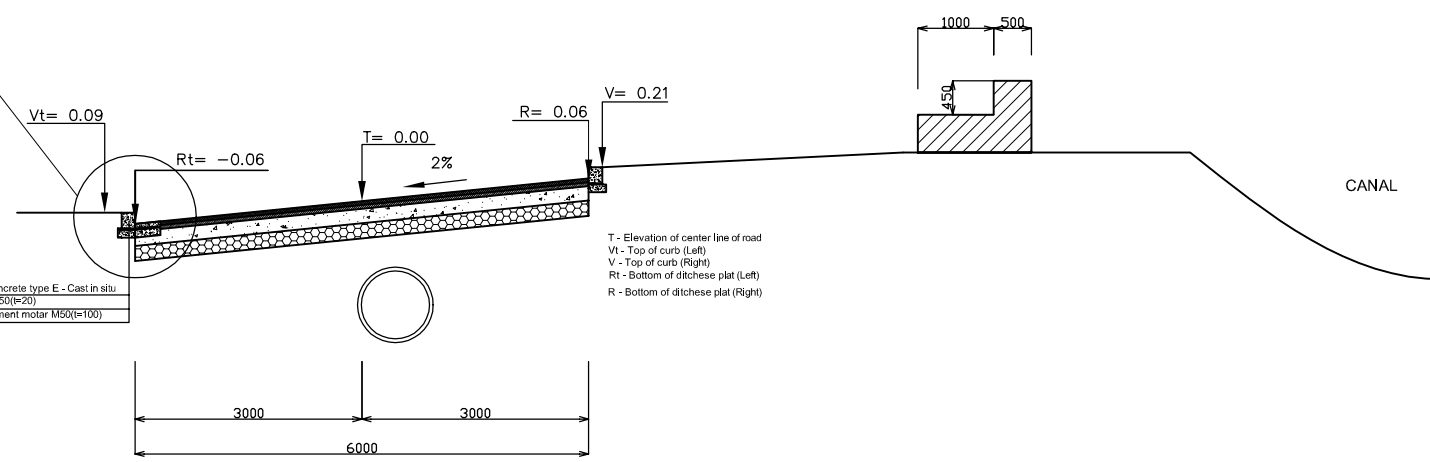
Curb type1 - Concrete type E - Cast In Situ
Cement motar M50(=20)
Aggregate + Cement motar M50(=100)
Ditchese plate - Concrete type E

TYPICAL CROSS SECTION OF ROAD. Scale: 1:50



TYPICAL CROSS SECTION OF ROAD: S1

TYPICAL CROSS SECTION OF ROAD: S2



Curb type1 - Concrete type E - Cast In Situ
Cement motar M50(=20)
Aggregate + Cement motar M50(=100)

T - Elevation of center line of road
Vt - Top of curb (Left)
V - Top of curb (Right)
Rt - Bottom of ditchese plat (Left)
R - Bottom of ditchese plat (Right)

NO.	DATE	DESCRIPTIONS	BY	APRO.
REVISIONS				
PROJECT MANAGEMENT UNIT FOR HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT				
THE DETAILED DESIGN STUDY ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT IN THE SOCIALIST REPUBLIC OF VIET NAM				
PACKAGE B PUMP DRAINAGE IMPROVEMENT BEN ME COC (2) AREA				
ROAD WORKS IN BEN ME COC (2) AREA				
SCALE : AS SHOWN				
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)				
PACIFIC CONSULTANTS INTERNATIONAL				
DESIGNED		CHECKED		
DATE :		DWG. No. PB - PDI - BMC2 - 246		