

BC 01-0 / EC 01-0 L= 80.0090

R1= - 200.0000
 A = 0.0000
 R2= - 200.0000

S T A.	X	Y	T	D	A
-	0+10.0761	+247,374.9651	290 33 21.76	10.0750	289 06 45.92
	0+00.0000	+247,365.4454	287 40 10.08	19.9917	284 48 16.84
	0+20.0000	+247,346.1174	281 56 23.60	19.9917	279 04 30.36
	0+40.0000	+247,326.3760	276 12 37.12	19.9917	273 20 43.88
	0+60.0000	+247,306.4184	270 28 50.64	9.9319	269 03 28.58
	0+69.9330	+247,296.4878	267 38 06.53		

EC 01-0 / BC 02-0 L= 71.5960

R1= 0.0000
 A = 0.0000
 R2= 0.0000

S T A.	X	Y	T	D	A
	0+69.9330	+247,296.4878	267 38 06.53	10.0670	267 38 06.53
	0+80.0000	+247,286.4294	267 38 06.53	20.0000	267 38 06.53
	1+00.0000	+247,266.4464	267 38 06.53	20.0000	267 38 06.53
	1+20.0000	+247,246.4634	267 38 06.53	20.0000	267 38 06.53
	1+40.0000	+247,226.4805	267 38 06.53	1.5290	267 38 06.53
	1+41.5290	+247,224.9528	267 38 06.53		

BC 02-0 / EC 02-0 L= 109.8201

R1= 150.0000
A = 0.0000
R2= 150.0000

S T A. X Y T D A

1+41.5290	+55,616.3727	+247,224.9528	267 38 06.53	18.4594	264 06 26.77
1+60.0000	+55,614.4776	+247,206.5910	260 34 47.01	19.9852	256 45 36.02
1+80.0000	+55,609.9004	+247,187.1370	252 56 25.04	19.9852	249 07 14.05
2+00.0000	+55,602.7776	+247,168.4642	245 18 03.06	19.9852	241 28 52.08
2+20.0000	+55,593.2357	+247,150.9040	237 39 41.09	19.9852	233 50 30.10
2+40.0000	+55,581.4441	+247,134.7682	230 01 19.12	11.3463	227 51 16.10
2+51.3490	+55,573.8305	+247,126.3555	225 41 13.08		

EC 02-0 / BC 03-0 L= 174.2311

R1= 0.0000
A = 0.0000
R2= 0.0000

S T A. X Y T D A

2+51.3490	+55,573.8305	+247,126.3555	225 41 13.08	8.6510	225 41 13.08
2+60.0000	+55,567.7871	+247,120.1655	225 41 13.08	20.0000	225 41 13.08
2+80.0000	+55,553.8156	+247,105.8548	225 41 13.08	20.0000	225 41 13.08
3+00.0000	+55,539.8440	+247,091.5441	225 41 13.08	20.0000	225 41 13.08
3+20.0000	+55,525.8724	+247,077.2334	225 41 13.08	20.0000	225 41 13.08
3+40.0000	+55,511.9009	+247,062.9228	225 41 13.08	20.0000	225 41 13.08
3+60.0000	+55,497.9293	+247,048.6121	225 41 13.08	20.0000	225 41 13.08
3+80.0000	+55,483.9578	+247,034.3014	225 41 13.08	20.0000	225 41 13.08
4+00.0000	+55,469.9862	+247,019.9907	225 41 13.08	20.0000	225 41 13.08
4+20.0000	+55,456.0146	+247,005.6800	225 41 13.08	5.5802	225 41 13.08
4+25.5802	+55,452.1165	+247,001.6872	225 41 13.08		

8C 03-0 / EC 03-0 L= 124.4861

R1= + 300.0000
A = 0.0000
R2= + 300.0000

S T A.	X	Y	T	D	A
4+25.5802	+55,452.1165	+247,001.6872	225 41 13.08	14.4184	227 03 50.25
4+40.0000	+55,442.2949	+246,991.1313	228 26 27.43	19.9963	230 21 02.92
4+60.0000	+55,429.5355	+246,975.7348	232 15 38.42	19.9963	234 10 13.91
4+80.0000	+55,417.8302	+246,959.5226	236 04 49.40	19.9963	237 59 24.90
5+00.0000	+55,407.2309	+246,942.5666	239 54 00.39	19.9963	241 48 35.88
5+20.0000	+55,397.7847	+246,924.9421	243 43 11.38	19.9963	245 37 46.87
5+40.0000	+55,389.5336	+246,906.7275	247 32 22.36	10.0657	248 30 02.88
5+50.0662	+55,385.8446	+246,897.3621	249 27 43.39		

EC 03-0 / 8C 04-0 L= 92.5442

R1= 0.0000
A = 0.0000
R2= 0.0000

S T A.	X	Y	T	D	A
5+50.0662	+55,385.8446	+246,897.3621	249 27 43.39	9.9338	249 27 43.39
5+60.0000	+55,382.3596	+246,888.0597	249 27 43.39	20.0000	249 27 43.39
5+80.0000	+55,375.3430	+246,869.3309	249 27 43.39	20.0000	249 27 43.39
6+00.0000	+55,368.3265	+246,850.6021	249 27 43.39	20.0000	249 27 43.39
6+20.0000	+55,361.3099	+246,831.8733	249 27 43.39	20.0000	249 27 43.39
6+40.0000	+55,354.2933	+246,813.1445	249 27 43.39	2.6104	249 27 43.39
6+42.6104	+55,353.3775	+246,810.7000	249 27 43.39		

***** NGONG ROAD FOREST JUNCTION NGONG ROAD C60 ***** S-11261-I (FORM 9)

BC 04-0 / EC 04-0 L= 103.9859

R1= - 300.0000
A = 0.0000
R2= - 300.0000

S T A.	X	Y	T	D	A
6+42.6104	+55,353.3775	+246,810.7000	249 27 43.39	17.3871	247 48 05.30
6+60.0000	+55,346.8084	+246,794.6016	246 08 27.21	19.9963	244 13 51.71
6+80.0000	+55,338.1151	+246,776.5939	242 19 16.22	19.9963	240 24 40.73
7+00.0000	+55,328.2415	+246,759.2052	238 30 05.23	19.9963	236 35 29.74
7+20.0000	+55,317.2315	+246,742.5130	234 40 54.25	19.9963	232 46 18.75
7+40.0000	+55,305.1340	+246,726.5913	230 51 43.26	6.5962	230 13 55.62
7+46.5963	+55,300.9145	+246,721.5212	229 36 07.98		

EC 04-0 / EP 00-0 L= 53.4037

R1= 0.0000
A = 0.0000
R2= 0.0000

S T A.	X	Y	T	D	A
7+46.5963	+55,300.9145	+246,721.5212	229 36 07.98	13.4037	229 36 07.98
7+60.0000	+55,292.2277	+246,711.3134	229 36 07.98	20.0000	229 36 07.98
7+80.0000	+55,279.2659	+246,696.0822	229 36 07.98	20.0000	229 36 07.98
8+00.0000	+55,266.3041	+246,680.8509	229 36 07.98		

NGONG ROAD FOREST JUNCTION NGONG ROAD C60

I.P NO. ()

IP	+55,621.0000	+247,337.0000
AP1	+55,613.8099	+247,356.1737
AP2	+55,620.1550	+247,316.5399
S1	+55,612.8389	+247,355.9167
S	+55,616.9825	+247,336.3568
S2	+55,619.1524	+247,316.4810
C	+55,613.0450	+247,335.7264
O	+55,419.4973	+247,304.7404

R	- 200.0000
TL	40.5467
D	79.4766
M	3.9876
SL	4.0687
TL1,2	20.0692
SL1,2	1.0044
CL	80.0090

IA	22 55 15.24
T1	290 33 21.76
T2	267 38 06.53

NAME	S	T	A	X	Y	R1	A	R2	L	T
BC 01-0	-	0+10.0761		+55,606.7631	+247,374.9651	- 200.0000	0.0	- 200.0000	80.0090	290 33 21.76
EC 01-0		0+69.9330		+55,619.3269	+247,296.4878					267 38 06.53

I.P. NO. ()

IP +55,614.0000 +247,167.5000
 AP1 +55,615.2270 +247,197.2107
 AP2 +55,593.2271 +247,146.2229
 S1 +55,612.7427 +247,197.7775
 S +55,604.2270 +247,171.7168
 S2 +55,591.1102 +247,147.6414
 C +55,595.1016 +247,175.6542
 O +55,466.5004 +247,231.1422

R - 150.0000
 TL 57.5018
 D 107.3837
 M 9.9386
 SL 10.6439
 TL1,2 27.7658
 SL1,2 2.5482
 CL 109.8201

IA 41 56 53.45
 T1 267 38 06.53
 T2 225 41 13.08

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC 02-0	1+41.5290	+55,616.3727	+247,224.9528	- 150.0000	109.8201	0.0	- 150.0000	267 38 06.53		
EC 02-0	2+51.3490	+55,573.8305	+247,126.3555					225 41 13.08		

I.P NO. ()

IP	+55,408.0000	+246,956.5000
AP1	+55,430.2973	+246,979.3385
AP2	+55,396.8022	+246,926.6106
S1	+55,431.5686	+246,978.3320
S	+55,413.5498	+246,952.9745
S2	+55,398.2536	+246,925.8875
C	+55,418.9805	+246,949.5247
O	+55,666.7766	+246,792.1138

R	+ 300.0000
TL	63.1518
D	123.5949
M	6.4339
SL	6.5749
TL1,2	31.2336
SL1,2	1.6215
CL	124.4861

IA	23 46 30.31
T1	225 41 13.08
T2	249 27 43.39

NAME	S T A.	X	Y	R1	A	R2	L
BC 03-0	4+25.5802	+55,452.1165	+247,001.6872	+ 300.0000	0.0	+ 300.0000	124.4861 225 41 13.08
EC 03-0	5+50.0662	+55,385.8446	+246,897.3621				249 27 43.39

I.P NO. ()

IP	.....	+55,334.9521	+246,761.5184
AP1	.....	+55,344.2344	+246,786.2948
AP2	.....	+55,317.8049	+246,741.3688
S1	.....	+55,343.2145	+246,786.7813
S	.....	+55,331.0196	+246,763.8318
S2	.....	+55,316.8845	+246,742.0239
C	.....	+55,327.1460	+246,766.1106
0	.....	+55,072.4455	+246,915.9483

R	.....	- 300.0000	
TL	.....	52.5198	
D	.....	103.4661	
M	.....	4.4942	
SL	.....	4.5625	
TL1/2	.....	26.0617	
SL1/2	.....	1.1299	
CL	.....	103.9859	

IA	.....	19 51 35.41	
T1	.....	249 27 43.39	
T2	.....	229 36 07.96	

NAME	S.T.A.	X	Y	R1	A	R2	L	T
BC 04-0	6+42.6104	+55,353.3775	+246,810.7000	- 300.0000	0.0	- 300.0000	103.9859	249 27 43.39
EC 04-0	7+46.5963	+55,300.9145	+246,721.5212					229 36 07.98

S T A.	X0	Y0	TO	S T A.	X	Y	T	D
155+16.3774	+55,469.9862	+247,019.9907	305 52 09.44	4+00.0000	+55,469.9862	+247,019.9907	225 41 13.08	0.0000

6 DAGORETTI FOREST JUNCTION

1 - 35

***** DAGORETTI JUNCTION *****

NAME	S	T	A.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BP 00-0	0	00	00000	+57,321.01037	+242,383.56233	0.00000	0.00000	0.00000	38.38668	0	00	00.00
BC 01-0	0	38	38668	+57,297.28792	+242,353.38317	+50.00000	0.00000	+50.00000	120.19183	0	00	00.00
EC 01-0	1	58	57850	+57,344.90174	+242,273.17828	0.00000	0.00000	0.00000	42.01648	0	00	00.00
BC 02-0	2	00	59398	+57,386.33465	+242,280.15671	-50.00000	0.00000	-50.00000	76.34408	0	00	00.00
EC 02-0	2	76	93907	+57,443.53248	+242,241.31208	0.00000	0.00000	0.00000	42.14890	0	00	00.00
EP 00-0	3	19	08796	+57,452.35021	+242,200.09599							

BP 00-0 / BC 01-0 L= 38.3867

R1= 0.0000
A = 0.0000
R2= 0.0000

S	T	A	X	Y	T	D	A
0+00.0000	+57,321.0104	+242,383.5623	231 49 50.67	20.0000	231 49 50.67	20.0000	231 49 50.67
0+20.0000	+57,308.6506	+242,367.8386	231 49 50.67	18.3867	231 49 50.67	18.3867	231 49 50.67
0+38.3867	+57,297.2879	+242,353.3832	231 49 50.67				

BC 01-0 / EC 01-0 L= 120.1918

R1= + 50.0000
A = 0.0000
R2= + 50.0000

S	T	A	X	Y	T	D	A
0+38.3867	+57,297.2879	+242,353.3832	231 49 50.67	1.6133	232 45 18.39		
0+60.0000	+57,296.3115	+242,352.0989	233 40 46.10	19.8669	245 08 19.07		
0+80.0000	+57,287.9590	+242,334.0731	256 35 52.03	19.8669	268 03 24.99		
0+80.0000	+57,287.2854	+242,314.2176	279 30 57.95	19.8669	290 58 30.91		
1+00.0000	+57,294.3970	+242,295.6671	302 26 03.87	19.8669	313 53 36.83		
1+20.0000	+57,308.1712	+242,281.3505	325 21 09.79	19.8669	336 48 42.76		
1+40.0000	+57,326.4332	+242,273.5278	348 16 15.72	18.4718	358 54 56.63		
1+58.5785	+57,344.9017	+242,273.1783	9 33 37.55				

A-LINE

DAGORETTI JUNCTION

EC 01-0 / BC 02-0 L= 42.0165

R1= 0.0000
 A= 0.0000
 R2= 0.0000

S T A.	X	Y	T	D	A
1+58.5785	+57,344.9017	+242,273.1783	9 33 37.55	1.4215	9 33 37.55
1+60.0000	+57,346.3035	+242,273.4144	9 33 37.55	20.0000	9 33 37.55
1+80.0000	+57,366.0257	+242,276.7361	9 33 37.55	20.0000	9 33 37.55
2+00.0000	+57,385.7479	+242,280.0579	9 33 37.55	0.5950	9 33 37.55
2+00.5950	+57,386.3346	+242,280.1567	9 33 37.55		

BC 02-0 / EC 02-0 L= 76.3441

R1= - 50.0000
 A= 0.0000
 R2= - 50.0000

S T A.	X	Y	T	D	A
2+00.5950	+57,386.3346	+242,280.1567	9 33 37.55	19.2835	358 26 31.83
2+20.0000	+57,405.6110	+242,279.6325	347 19 26.11	19.8669	335 51 53.15
2+40.0000	+57,423.7412	+242,271.5090	324 24 20.18	19.8669	312 56 47.22
2+60.0000	+57,437.2768	+242,256.9666	301 29 14.26	16.8582	291 46 54.93
2+76.9391	+57,443.5325	+242,241.3121	282 04 35.60		

A-LINE

DAGORETTI JUNCTION

EC 02-0 / EP 00-0 L= 42.1489

R1= 0.0000
A = 0.0000
R2= 0.0000

S	T	A.	X	Y	T	D	A
2	76.9391		+57,443.5325	+242,241.3121	282 04 35.60	3.0609	282 04 35.60
2	80.0000		+57,444.1729	+242,238.3189	282 04 35.60	20.0000	282 04 35.60
3	00.0000		+57,448.3573	+242,218.7615	282 04 35.60	19.0880	282 04 35.60
3	19.0880		+57,452.3508	+242,200.0960	282 04 35.60		

I.P. NO. ()

IP	+57,217.3565	+242,251.6962
AP1	+57,276.1050	+242,326.6348
AP2	+57,311.1005	+242,267.4852
S1	+57,286.7037	+242,325.7425
S	+57,293.6028	+242,296.9600
S2	+57,315.5677	+242,277.1213
C	+57,321.0948	+242,313.2807
O	+57,336.5973	+242,322.4838

R	+ 50.0000
TL	129.3417
D	93.2732
M	31.9715
SL	88.6696
TL1,2	34.2773
SL1,2	10.6212
CL	120.1918

IA	137 43 46.88
T1	231 49 50.67
T2	9 33 37.55

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 01-0	0+38.3867	+57,297.2879	+242,353.3832	+ 50.0000	0.0	+ 50.0000	120.1918	231 49 50.67
EC 01-0	1+58.5785	+57,344.9017	+242,273.1783					9 33 37.55

I.P. NO. ()

IP +57,433.5211 +242,288.1042
 AP1 +57,408.1263 +242,283.4902
 AP2 +57,439.3334 +242,260.9383
 S1 +57,405.2995 +242,279.7015
 S +57,422.7299 +242,272.2143
 S2 +57,436.1165 +242,258.7728
 C +57,414.9336 +242,260.7344
 O +57,394.6390 +242,230.8512

R - 50.0000
 TL 47.8511
 D 69.1411
 M 13.8769
 SL 19.2079
 TL1,2 20.0704
 SL1,2 3.8779
 CL 76.3441

IA 87 29 01.95
 T1 9 33 37.55
 T2 282 04 35.60

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC 02-0	2+00.5950			+57,386.3366	+242,280.1567	- 50.0000	0.0	- 50.0000	76.3441	9 33 37.55
EC 02-0	2+76.9391			+57,443.5325	+242,241.3121					282 04 35.60

***** SUISEN *****

A-LINE * CENTER

DAGORETTI JUNCTION

S T A. X0 Y0 TO S T A. X Y T D

0+00.0000 +57,321.0104 +242,383.5623 231 49 50-67 206+40.0000 +57,321.0104 +242,383.5623 321 49 50-67 0.0000

S T A.	X0	Y0	TO	S T A.	X	Y	T	D
3+19.0880	+57,452.3508	+242,200.0960	282 04 35.60	3+13.2149	+57,452.3508	+242,200.0960	192 04 35.60	0.0000

NAME	M.	X	Y	R1	A	R2	L	ERROR ANG.	TYPE
BC	-	0.00000	+57,292.80762	+242,395.05251	- 30.00000	0.00000	- 30.00000	46.39728	0 00 00.00 100

EC	-	+ 46.39728	+57,297.28792	+242,353.38317					
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I.P. NO. ()

IP	+57,315.3838	+242,376.4044
AP1	+57,302.2246	+242,387.2740
AP2	+57,304.8361	+242,362.9858
S1	+57,300.1191	+242,386.1408
S	+57,303.5303	+242,375.1299
S2	+57,302.5378	+242,363.8455
C	+57,295.0478	+242,374.2178
O	+57,273.7023	+242,371.9228

R	- 30.0000
TL	29.2820
D	41.9095
M	8.5315
SL	11.9218
TL1,2	12.2141
SL1,2	2.3911
CL	46.3973

IA	88 36 44.20
TI	320 26 34.87
T2	231 49 50.67

NAME	S	T	A.	X	Y	RT	A	RZ	L	T
BC	-	0.0000	+57,292.8076	+242,395.0525	- 30.0000	0.0	- 30.0000	46.3973	320 26 34.87	
EC	-	+ 46.3975	+57,297.2879	+242,353.3832					231 49 50.67	

M.	X0	Y0	TO	S T A.	X	Y	T	D
0.0000	+57,292.8076	+242,395.0525	320 26 34.87	206+10.9356	+57,298.3800	+242,401.7987	320 26 34.87	-8.7500
+ 46.3973	+57,297.2879	+242,353.3832	231 49 50.67	208+40.0000	+57,321.0104	+242,383.5623	321 49 50.67	-38.3867

M.	X0	Y0	TO	S T A.	X	Y	T	D
0.0000	+57,292.8076	+242,395.0525	320 26 34.87	0+08.3955	+57,315.8221	+242,376.9619	231 49 50.67	-29.2735
+ 46.3973	+57,297.2879	+242,353.3832	231 49 50.67	0+38.3867	+57,297.2879	+242,353.3832	231 49 50.67	0.0000

NAME	M.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BC	-		+57,338.83654	+30.00000	0.00000	+30.00000	46.39728	0.00	00.00	100
EC	-		+57,297.28792	+30.00000	0.00000	+30.00000	46.39728	0.00	00.00	100

+242,358.87130

+242,353.38317

I.P. NO. ()

IP	+57,315.3838	+242,376.4044
AP1	+57,329.0540	+242,366.1847
AP2	+57,304.8361	+242,362.9858
S1	+57,328.4501	+242,363.8711
S	+57,316.9450	+242,364.5852
S2	+57,306.0200	+242,360.9083
C	+57,318.0622	+242,356.1272
O	+57,320.8736	+242,334.8436

R	+ 30.0000	
TL	29.2820	
D	41.9095	
M	8.5315	
SL	11.9218	
TL1/2	12.2141	
SL1/2	2.3911	
CL	46.3973	

IA	88 36 44.20
TI	143 13 06.47
T2	231 49 50.67

NAME	S T A.	X	Y	R1	A	R2	L	T
BC	-	0.0000	+57,338.8365	+242,358.8713	+ 30.0000	0.0	+ 30.0000	46.3973 143 13 06.47
EC	-	+ 46.3973	+57,297.2879	+242,353.3832				231 49 50.67

M.	X0	Y0	TO	S T A.	X	Y	T	D
0.0000	+57,338.9365	+242,358.9713	143 13 06.47	206+69.0644	+57,344.0757	+242,365.8794	323 13 06.47	-8.7500
+ 46.3973	+57,297.2879	+242,353.3832	231 49 50.67	206+40.0000	+57,321.0104	+242,383.5623	321 49 50.67	-38.3867

M.	X0	Y0	TO	S T A.	X	Y	T	D
0.0000	+57,358.8365	+242,353.8713	143 13 06.47	0+08.3955	+57,315.8221	+242,376.9619	231 49 50.67	29.2735
+ 46.3973	+57,297.2879	+242,353.3832	231 49 50.67	0+38.3867	+57,297.2879	+242,353.3832	231 49 50.67	0.0000

NAME	S T A.	X	Y	R1	A	R2	L	ERROR ANG.	TYPE
BP 00-0	0+00.00000	+57,418.68337	+242,313.91460	0.00000	0.00000	0.00000	38.99780	0 00 00.00	0
BC 01-0	0+38.99780	+57,440.06206	+242,346.53024	- 60.00000	0.00000	- 60.00000	83.40446	0 00 00.00	100
EC 01-0	1+22.40226	+57,513.57979	+242,368.91362	0.00000	0.00000	0.00000	159.60627	0 00 00.00	0
EP 00-0	2+82.00853	+57,660.61850	+242,306.83477						

BP 00-0 / BC 01-0 L= 58.9978

R1= 0.0000
A = 0.0000
R2= 0.0000

S	T	A.	X	Y	T	D	A
0+00.0000		+57,418.6834	+242,313.9146	56 45 22.37	20.0000	56 45 22.37	
0+20.0000		+57,429.6474	+242,330.6415	56 45 22.37	18.9978	56 45 22.37	
0+38.9978		+57,440.0621	+242,346.5302	56 45 22.37			

BC 01-0 / EC 01-0 L= 83.4045

R1= - 60.0000
A = 0.0000
R2= - 60.0000

S	T	A.	X	Y	T	D	A
0+38.9978		+57,440.0621	+242,346.5302	56 45 22.37	1.0022	56 16 39.72	
0+40.0000		+57,440.6184	+242,347.3638	55 47 57.07	19.9075	46 14 59.60	
0+60.0000		+57,454.3848	+242,361.7443	36 42 02.13	19.9075	27 09 04.66	
0+80.0000		+57,472.0936	+242,370.8289	17 36 07.20	19.9075	8 03 09.73	
1+00.0000		+57,491.8099	+242,373.6176	358 30 12.26	19.9075	348 57 14.79	
1+20.0000		+57,511.3486	+242,369.8034	339 24 17.32	2.4021	338 15 28.15	
1+22.4023		+57,513.5798	+242,368.9136	337 06 38.97			

EC 01-0 / EP 00-0 L= 159.6063

R1= 0.0000
 A = 0.0000
 R2= 0.0000

S T A.	X	Y	T	0	A
1+22.4023	+57,513.5798	+242,368.9136	337 06 38.97	17.5977	337 06 38.97
1+40.0000	+57,529.7919	+242,362.0690	337 06 38.97	20.0000	337 06 38.97
1+60.0000	+57,548.2170	+242,354.2900	337 06 38.97	20.0000	337 06 38.97
1+80.0000	+57,566.6422	+242,346.5110	337 06 38.97	20.0000	337 06 38.97
2+00.0000	+57,585.0674	+242,338.7320	337 06 38.97	20.0000	337 06 38.97
2+20.0000	+57,603.4926	+242,330.9530	337 06 38.97	20.0000	337 06 38.97
2+40.0000	+57,621.9178	+242,323.1740	337 06 38.97	20.0000	337 06 38.97
2+60.0000	+57,640.3429	+242,315.3950	337 06 38.97	20.0000	337 06 38.97
2+80.0000	+57,658.7681	+242,307.6160	337 06 38.97	2.0085	337 06 38.97
2+82.0085	+57,660.6185	+242,306.8348	337 06 38.97		

I.P. NO. ()

IP	+57,467.4889	+242,388.3729
AP1	+57,451.9762	+242,364.7067
AP2	+57,493.5579	+242,377.3667
S1	+57,454.2638	+242,361.6538
S	+57,472.7671	+242,371.0367
S2	+57,493.5598	+242,373.5571
C	+57,476.8209	+242,357.7219
O	+57,490.2428	+242,313.6381

R	- 60.0000
TL	50.0304
D	76.8497
M	13.9182
SL	18.1220
TL1,2	21.7331
SL1,2	3.8149
CL	83.4045

IA	79 38 43.40
T1	56 45 22.37
T2	337 06 38.97

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC 01-0	0+38.9978			+57,440.0621	+242,346.5302	- 60.0000	0.0	- 60.0000	83.4045	56 45 22.37
EC 01-0	1+22.4023			+57,513.5798	+242,368.9136					337 06 38.97

ST A.	X0	Y0	TO	ST A.	X	Y	T	D
0+00.0000	+57,418.6834	+242,313.9146	56 45 22.37	207+60.0000	+57,418.6834	+242,313.9146	526 45 22.37	-0.0000

S T A.	X0	Y0	TO	S T A.	X	Y	T	D
2+82.0085	+57,660.6185	+242,306.8348	337 06 38.97	0+67.9081	+57,660.6185	+242,306.8348	241 32 39.00	0.0000

NAME	M.	X	Y	R1	A	R2	L	ERROR ANG.	TYPE
BC	0.00000	+57,398.09750	+242,338.17185	+30.00000	0.00000	+30.00000	47.63871	0 00 00.00	100
EC	+ 47.63871	+57,440.06206	+242,346.53024						

I.P. NO. ()

IP +57,423.3313 +242,321.0056
 AP1 +57,408.4967 +242,331.0974
 AP2 +57,433.1671 +242,336.0111
 S1 +57,409.0003 +242,333.5766
 S +57,420.8319 +242,333.5542
 S2 +57,431.7520 +242,338.1082
 C +57,419.0798 +242,342.3510
 O +57,414.9717 +242,362.9763

R + 30.0000
 TL 30.5193
 D 42.7889
 M 8.9696
 SL 12.7952
 TL1,2 12.5775
 SL1,2 2.5299
 CL 47.6387

IA 90 58 59.62
 T1 325 46 22.75
 T2 56 45 22.37

NAME	S T A.	X	Y	R1	A	R2	L	T
BC	-	0.0000	+57,398.0975	+242,338.1719	+ 30.0000	+ 30.0000	47.6387	325 46 22.75
EC	-	+ 47.6387	+57,440.0621	+242,346.5302				56 45 22.37

M.	XO	YO	TO	S I A.	X	Y	T	D
0.0000	+57,398.0975	+242,338.1719	325 46 22.75	207+29.3336	+57,393.1759	+242,330.9372	325 46 22.73	8.7500
+	47.6387	+57,440.0621	56 45 22.37	207+60.0000	+57,418.6834	+242,313.9146	326 45 22.37	38.9978

M.	X0	Y0	TO	S T A.	X	Y	T	D
0.0000	+57,398.0975	+242,338.1719	325 46 22.75	0+09.0022	+57,423.6184	+242,321.4436	56 45 22.37	30.5148
+ 47.6387	+57,440.0621	+242,346.5302	56 45 22.37	0+38.9978	+57,440.0621	+242,346.5302	56 45 22.37	-0.0000

NAME	M.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BC	0.00000	+57,449.02166	+242,304.74466	- 30.00000	0.00000	- 30.00000	47.52418	0.00	00.00	100
EC	+ 47.52418	+57,440.04113	+242,346.49831							

I.P. NO. ()

IP	+57,423,3741	+242,321,0709
AP1	+57,438,4399	+242,311,4806
AP2	+57,433,1646	+242,336,0073
S1	+57,440,5059	+242,312,9181
S	+57,435,8022	+242,323,7440
S2	+57,435,6389	+242,335,5464
C	+57,444,5314	+242,325,6215
O	+57,465,1315	+242,330,0522

R	- 30,0000	
TL	30,4030	
D	42,7085	
M	8,9288	
SL	12,7123	
TL1,2	12,5438	
SL1,2	2,5169	
CL	47,5242	

IA	90 45 52.22	
TL	147 31 14.59	
TL	56 45 22.37	

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC	-	0.0000		+57,449,0217	+242,304,7447	- 30.0000	0.0	- 30.0000	47,5242	147 31 14.59
EC	-	+ 47.5242		+57,440,0411	+242,346,4983					56 45 22.37

M.	X0	Y0	TO	S T A.	X	Y	T	D
0.0000	+57,449.0217	+242,306.7447	147 31 14.59	207+90.5180	+57,444.3230	+242,297.3633	327 31 14.60	8.7500
+ 47.5242	+57,440.0411	+242,346.4983	56 45 22.37	207+60.0000	+57,418.6834	+242,313.9146	326 45 22.37	38.9596

M-	X0	Y0	TO	ST A.	X	Y	D
0.0000	+57,449.0217	+242,304.7447	147 31 14.59	0+08.9623	+57,423.5965	+242,321.4102	56 45 22.37 -30.4003
+	47.5242	+57,440.0411	56 45 22.37	0+38.9596	+57,440.0411	+242,346.4983	56 45 22.37 -0.0000

NAME	S T A.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BP 00-0	0+00.00000	+57,692.97545	+242,366.53857	0.00000	0.00000	0.00000	78.80859	0 00	00.00	0
BC 01-0	0+78.80859	+57,655.42463	+242,297.25126	- 150.00000	0.00000	- 150.00000	129.50590	0 00	00.00	100
EC 01-0	2+08.31449	+57,554.92970	+242,222.04310	0.00000	0.00000	0.00000	271.68551	0 00	00.00	0
EP 00-0	4+80.00000	+57,289.25689	+242,165.20147							

BP 00-0 / BC 01-0 L= 79.8086

R1= 0.0000
 A = 0.0000
 R2= 0.0000

S T A.	X	Y	T	D	A
0+00.0000	+57,692.9754	+242,366.5386	241 32 39.00	20.0000	241 32 39.00
0+20.0000	+57,683.4458	+242,348.9549	241 32 39.00	20.0000	241 32 39.00
0+40.0000	+57,673.9162	+242,331.3712	241 32 39.00	20.0000	241 32 39.00
0+60.0000	+57,664.3966	+242,313.7875	241 32 39.00	18.8086	241 32 39.00
0+78.8086	+57,655.4246	+242,297.2513	241 32 39.00		

BC 01-0 / EC 01-0 L= 129.5059

R1= - 150.0000
 A = 0.0000
 R2= - 150.0000

S T A.	X	Y	T	D	A
0+78.8086	+57,655.4246	+242,297.2513	241 32 39.00	1.1914	241 18 59.85
0+80.0000	+57,654.8528	+242,296.2061	241 05 20.70	19.9852	237 16 09.71
1+00.0000	+57,644.0470	+242,279.3941	233 26 58.72	19.9852	229 37 47.73
1+20.0000	+57,631.1022	+242,264.1678	225 48 36.75	19.9852	221 59 25.76
1+40.0000	+57,616.2480	+242,250.7976	218 10 14.77	19.9852	214 21 03.79
1+60.0000	+57,599.7484	+242,239.5207	210 31 52.80	19.9852	206 42 41.81
1+80.0000	+57,581.8960	+242,230.5374	202 53 30.82	19.9852	199 04 19.84
2+00.0000	+57,563.0078	+242,224.0070	195 15 08.85	8.3134	193 39 52.23
2+08.3145	+57,554.9297	+242,222.0431	192 04 35.60		

EC 01-0 / EP 00-0 L= 271.6855

R1= 0.0000
A = 0.0000
R2= 0.0000

S T A.	X	Y	T	D	A
2+08.3145	+57,554.9297	+242,222.0431	192 04 35.60	11.6855	192 04 35.60
2+20.0000	+57,543.5028	+242,219.5983	192 04 35.60	20.0000	192 04 35.60
2+40.0000	+57,523.9454	+242,215.4139	192 04 35.60	20.0000	192 04 35.60
2+60.0000	+57,504.3881	+242,211.2295	192 04 35.60	20.0000	192 04 35.60
2+80.0000	+57,484.8307	+242,207.0452	192 04 35.60	20.0000	192 04 35.60
3+00.0000	+57,465.2733	+242,202.8608	192 04 35.60	20.0000	192 04 35.60
3+20.0000	+57,445.7159	+242,198.6764	192 04 35.60	20.0000	192 04 35.60
3+40.0000	+57,426.1585	+242,194.4921	192 04 35.60	20.0000	192 04 35.60
3+60.0000	+57,406.6012	+242,190.3077	192 04 35.60	20.0000	192 04 35.60
3+80.0000	+57,387.0438	+242,186.1233	192 04 35.60	20.0000	192 04 35.60
4+00.0000	+57,367.4864	+242,181.9390	192 04 35.60	20.0000	192 04 35.60
4+20.0000	+57,347.9290	+242,177.7546	192 04 35.60	20.0000	192 04 35.60
4+40.0000	+57,328.3716	+242,173.5702	192 04 35.60	20.0000	192 04 35.60
4+60.0000	+57,308.8143	+242,169.3858	192 04 35.60	20.0000	192 04 35.60
4+80.0000	+57,289.2569	+242,165.2015	192 04 35.60		

I.P. NO. (

IP	+57,622.5000	+242,236.5000
AP1	+57,639.7537	+242,268.3359
AP2	+57,587.0907	+242,228.9240
S1	+57,637.0573	+242,270.6653
S	+57,613.4222	+242,248.6300
S2	+57,583.6162	+242,232.1679
C	+57,605.1772	+242,259.6472
O	+57,523.5469	+242,368.7234

R	- 150.0000
TL	69.0995
D	125.5209
M	13.7608
SL	15.1507
TL1,2	32.8888
SL1,2	3.5633
CL	129.5059

IA	49 28 03.39
T1	241 32 39.00
T2	192 04 35.60

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC 01-0	0+78.8086			+57,655.4246	+242,297.2513	- 150.0000	0.0	- 150.0000	129.5059	241 32 39.00
EC 01-0	2+08.3145			+57,554.9297	+242,222.0431					192 04 35.60

DAGORETTI JUNCTION

CENTER * APPROACH ROAD ***** SUISEN *****

S T A.	X0	Y0	TO	S T A.	X	Y	T	D
209+30.0447	+57,563.0078	+242,224.0070	328 17 50.06	2+00.0000	+57,563.0078	+242,224.0070	195 15 08.85	0.0000

7 THOGOTO JUNCTION

1 - 35

NAME	S T A.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BP 00-0	0+00.00000	+59,207.35217	+240,384.23693	0.00000	0.00000	0.00000	38.86360	0.00	00.00	0
BC 01-0	0+39.86360	+59,178.01081	+240,358.75235	- 50.00000	0.00000	- 50.00000	56.71565	0.00	00.00	100
EC 01-0	0+95.57925	+59,124.87462	+240,350.82964	0.00000	0.00000	0.00000	187.67203	0.00	00.00	0
EP 00-0	2+83.25128	+58,953.44799	+240,427.20831							

8P 00-0 / 8C 01-0 L= 38.8636

R1= 0.0000
 A = 0.0000
 R2= 0.0000

S	T	A.	X	Y	T	D	A
0+00.0000			+59,207.3522	+240,384.2369	220 58 34.00	20.0000	220 58 34.00
0+20.0000			+59,192.2525	+240,371.1220	220 58 34.00	18.8636	220 58 34.00
0+38.8636			+59,178.0108	+240,358.7523	220 58 34.00		

9C 01-0 / EC 01-0 L= 56.7156

R1= 50.0000
 A = 0.0000
 R2= 50.0000

S	T	A.	X	Y	T	D	A
0+38.8636			+59,178.0108	+240,358.7523	220 58 34.00	1.1364	220 19 30.01
0+40.0000			+59,177.1445	+240,352.0170	219 40 26.02	19.8669	208 12 53.06
0+60.0000			+59,159.6381	+240,348.6243	196 45 20.10	19.8669	185 17 47.14
0+80.0000			+59,139.8560	+240,346.7904	173 50 14.18	15.5163	164 54 39.67
0+95.5793			+59,124.8746	+240,350.8296	155 59 05.15		

EC 01-0 / EP 00-0 L= 187.6720

R1= 0.0000
 A = 0.0000
 R2= 0.0000

S	T	A.	X	Y	T	D	A
0+95.5793		+59,124.8746	+240,350.8296	155 59 05.15	4.4207	155 59 05.15	
1+00.0000		+59,120.8365	+240,352.6288	155 59 05.15	20.0000	155 59 05.15	
1+20.0000		+59,102.5678	+240,360.7684	155 59 05.15	20.0000	155 59 05.15	
1+40.0000		+59,084.2991	+240,368.9080	155 59 05.15	20.0000	155 59 05.15	
1+60.0000		+59,066.0303	+240,377.0476	155 59 05.15	20.0000	155 59 05.15	
1+80.0000		+59,047.7616	+240,385.1872	155 59 05.15	20.0000	155 59 05.15	
2+00.0000		+59,029.4928	+240,393.3267	155 59 05.15	20.0000	155 59 05.15	
2+20.0000		+59,011.2241	+240,401.4663	155 59 05.15	20.0000	155 59 05.15	
2+40.0000		+58,992.9553	+240,409.6059	155 59 05.15	20.0000	155 59 05.15	
2+60.0000		+58,974.6866	+240,417.7455	155 59 05.15	20.0000	155 59 05.15	
2+80.0000		+58,956.4178	+240,425.8851	155 59 05.15	3.2513	155 59 05.15	
2+83.2513		+58,953.4480	+240,427.2083	155 59 05.15			

I.P. NO. ()

IP	+59,153.9660	+240,337.8681
AP1	+59,167.0095	+240,349.1971
AP2	+59,138.1849	+240,344.8993
S1	+59,166.1394	+240,351.0864
S	+59,152.5972	+240,347.0482
S2	+59,138.4660	+240,346.9603
C	+59,151.4427	+240,354.7910
O	+59,145.2236	+240,396.5015

R	- 50.0000
TL	31.8432
D	53.7236
M	7.8294
SL	9.2816
TL1,2	14.5716
SL1,2	2.0801
CL	56.7156

IA	64 59 28.85
T1	220 58 34.00
T2	155 59 05.15

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC 01-0	0+38.8636			+59,178.0108	+240,358.7523	- 50.0000	0.0	- 50.0000	56.7156	220 58 34.00
EC 01-0	0+95.5793			+59,124.8746	+240,350.8296					155 59 05.15

***** THOGOTO JUNCTION *****

A-LINE * CENTER

***** SUISEN *****

S-11264-I (FORM 13) PAGES

S T A.	XO	YO	TO	S T A.	X	Y	T	D
0+00.0000	+59,207.3522	+240,384.2369	220 58 34.00	234+20.0000	+59,207.3522	+240,384.2369	310 58 34.00	-0.0000

***** THOGOTO JUNCTION

A-LINE * APPROACH ROAD ***** SUISEN ***** S-11264-1 (FORM 13) PAGE 6

S T A.	XO	YO	TO	S T A.	X	Y	T	D
2+83.2513	+58,953.4480	+240,427.2083	155 59 05.15	4+25.0000	+58,953.4480	+240,427.2083	248 59 35.56	0-0000

NAME	M.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BC	-	0.00000	+59,180.83834	+240,401.24514	- 30.00000	0.00000	47.35109	- 30.00000	0 00 00.00	100
EC	-	+ 47.35109	+59,178.01081	+240,358.75235						

I.P. NO. (
IP	+59,200.8325	+240,378.5742	
AP1	+59,189.1018	+240,391.8754	
AP2	+59,187.4428	+240,366.9446	
S1	+59,186.7377	+240,391.0706	
S	+59,198.2723	+240,379.4100	
S2	+59,185.2062	+240,368.0556	
C	+59,179.4246	+240,379.9987	
O	+59,158.3385	+240,381.4018	

R	- 30.0000		
TL	30.2281		
D	42.5868		
M	8.8673		
SL	12.5880		
TL1,2	12.4930		
SL1,2	2.4973		
CL	47.3511		

IA	90 26 02.13		
T1	311 24 36.13		
T2	220 58 34.00		

NAME	S T A.	X	Y	R1	A	R2	L	T
8C	-	0.0000	+59,180.8383	+240,401.2451	- 30.0000	47.3511	311 24 36.13	
EC	-	+ 47.3511	+59,178.0108	+240,358.7523			220 58 34.00	

M.	X0	Y0	TO	S T A.	X	Y	T	0
0.0000	+59,180.8383	+240,401.2451	311 24 36.13	233+89.7062	+59,187.4008	+240,407.0328	311 24 36.13	-8.7500
+ 47.3511	+59,178.0108	+240,358.7323	220 58 34.00	234+20.0000	+59,207.3522	+240,384.2369	310 58 34.00	-38.8636

THOGOTO JUNCTION

M.	X0	Y0	TO	S T A.	X	Y	T	0
0.0000	+59,180.8383	+240,401.2451	311 24 36.13	0+08.8645	+59,200.6597	+240,378.4241	220 58 34.00	-30.2272
+ 47.3511	+59,178.0108	+240,358.7523	220 58 34.00	0+38.6636	+59,178.0108	+240,358.7523	220 58 34.00	0.0000

NAME	M.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE	
8C	-	0.00000	+59,220.48097	+240,355.60309	+30.00000	0.00000	47.35109	+30.00000	0.00	00.00	100
EC	-	+ 47.35109	+59,178.01081	+240,358.75235							

I.P NO. ()

IP	+59,200.8325	+240,378.5742
AP1	+59,212.3604	+240,365.0969
AP2	+59,197.4428	+240,366.9446
S1	+59,211.2325	+240,362.8688
S	+59,199.9016	+240,366.0207
S2	+59,188.2298	+240,366.5745
C	+59,199.2459	+240,357.1777
O	+59,197.0831	+240,336.1029

R	+ 30.0000
TL	30.2281
D	42.5868
M	8.8673
SL	12.5880
TL1,2	12.4930
SL1,2	2.4973
CL	47.3511

IA	90 26 02-13
T1	130 32 31-87
T2	220 58 34-00

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC	-	0.0000	+59,220.4810	+240,355.6031	+ 30.0000	+ 30.0000	0.0	+ 30.0000	47.3511	130 32 31.87
EC	-	+ 47.3511	+59,178.0108	+240,358.7523						220 58 34.00

THOGOTO JUNCTION

R=30 (A-2) TO CENTER

***** SUISEN *****

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M.	X0	Y0	TU	S T A.	X	Y	T	D
0.0000	+59,220.4610	+240,355.6031	130 32 31.57	234+50.2938	+59,227.1303	+240,361.2907	310 32 31.87	-8.7500
+ 47.3511	+59,178.0108	+240,358.7523	220 58 34.00	234+20.0000	+59,207.3522	+240,384.2369	310 58 34.00	-38.8636

M.	X0	Y0	TO	S T A.	X	Y	T	D
0.0000	+59,220.4810	+240,355.6031	130 32 31.87	0+08.8645	+59,200.6597	+240,378.4241	220 58 34.00	30.2272
*	47.3511	+59,178.0108	220 58 34.00	0+58.8636	+59,178.0108	+240,358.7523	220 58 34.00	0.0000

THOGOTO JUNCTION

NAME	S T A.	X	Y	R1	A	R2	L	ERROR ANG.	TYPE
BP 00-0	0+00.00000	+59,207.35217	+240,384.23693	0.00000	0.00000	0.00000	38.63858	0 00 00.00	0
BC 01-0	0+38.63858	+59,236.52364	+240,409.57396	+ 50.00000	0.00000	+ 50.00000	79.16682	0 00 00.00	100
EC 01-0	1+17.80540	+59,241.07147	+240,480.58112	0.00000	0.00000	0.00000	214.95179	0 00 00.00	0
EP 00-0	3+32.75719	+59,098.09411	+240,641.08579						

B-LINE

THOGOTO JUNCTION

SP 00-0 / BC 01-0 L= 38.6386

R1= 0.0000
 A = 0.0000
 R2= 0.0000

S T A.	X	Y	T	D	A
0+00.0000	+59,207.3522	+240,384.2369	40 58 34.00	20.0000	40 58 34.00
0+20.0000	+59,222.4518	+240,397.3518	40 58 34.00	18.6386	40 58 34.00
0+38.6386	+59,236.5236	+240,409.5740	40 58 34.00		

BC 01-0 / EC 01-0 L= 79.1668

R1+ 50.0000
 A = 0.0000
 R2+ 50.0000

S T A.	X	Y	T	D	A
0+38.6386	+59,236.5236	+240,409.5740	40 58 34.00	1.3614	41 45 22.13
0+40.0000	+59,237.5392	+240,410.4806	42 32 10.27	19.8669	53 59 43.23
0+60.0000	+59,249.2160	+240,426.5523	65 27 16.19	19.8669	76 54 49.15
0+80.0000	+59,253.7163	+240,445.9033	88 22 22.11	19.8669	99 49 55.08
1+00.0000	+59,250.3238	+240,465.4785	111 17 28.04	17.7115	121 29 34.31
1+17.3054	+59,241.0715	+240,480.5811	131 41 40.59		

L= 214.9513

RT= 0.0000
A = 0.0000
RZ= 0.0000

S T A.	X	Y	T	D	A
1+17.8054	+59,241.0715	+240,430.5811	131 41 40.59	2.1946	131 41 40.59
1+20.0000	+59,239.6117	+240,482.2198	131 41 40.59	20.0000	131 41 40.59
1+40.0000	+59,226.3085	+240,497.1538	131 41 40.59	20.0000	131 41 40.59
1+60.0000	+59,213.0053	+240,512.0879	131 41 40.59	20.0000	131 41 40.59
1+80.0000	+59,199.7021	+240,527.0219	131 41 40.59	20.0000	131 41 40.59
2+00.0000	+59,186.3989	+240,541.9559	131 41 40.59	20.0000	131 41 40.59
2+20.0000	+59,173.0957	+240,556.8899	131 41 40.59	20.0000	131 41 40.59
2+40.0000	+59,159.7925	+240,571.8239	131 41 40.59	20.0000	131 41 40.59
2+60.0000	+59,146.4893	+240,586.7579	131 41 40.59	20.0000	131 41 40.59
2+80.0000	+59,133.1861	+240,601.6919	131 41 40.59	20.0000	131 41 40.59
3+00.0000	+59,119.8829	+240,616.6260	131 41 40.59	20.0000	131 41 40.59
3+20.0000	+59,106.5797	+240,631.5600	131 41 40.59	12.7572	131 41 40.59
3+32.7572	+59,098.0941	+240,641.0858	131 41 40.59		

I.P NO. ()

IP +59,274.7492 +240,442.7749
 AP1 +59,252.2937 +240,423.2755
 AP2 +59,254.9697 +240,464.9791
 S1 +59,248.5436 +240,425.1349
 S2 +59,253.6342 +240,444.1273
 C +59,251.0081 +240,463.6159
 O +59,238.7976 +240,445.0775
 +59,203.7364 +240,447.3231

R + 50.0000
 TL 50.6310
 D 71.1526
 M 14.8670
 SL 21.1582
 TL1,2 20.8946
 SL1,2 4.1902
 CL 79.1668

IA 90 43 06.59
 TI 40 58 34.00
 T2 131 41 40.59

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 01-0	0+38.6386	+59,236.5236	+240,409.5740	+ 50.0000	0.0	+ 50.0000	79.1668	40 58 34.00
EC 01-0	1+17.8054	+59,241.0715	+240,480.5811					131 41 40.59

8-LINE * CENTER

S T A.	XO	YO	TO	S T A.	X	Y	T	D
0+00.0000	+59,207.3522	+240,384.2369	40 58 34.00	234+20.0000	+59,207.3522	+240,384.2369	310 58 34.00	-0.0000

S T A.	X0	Y0	TO	S T A.	X	Y	T	D
3+32.7572	+59,098.0941	+240,641.0858	131 41 40.59	1+65.0000	+59,098.0941	+240,641.0858	229 40 38.98	0.0000

NAME	M.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BC	0.00000	+59,194.34857	+240,412.38342	+30.00000	0.00000	+30.00000	46.90105	0.00	00.00	100
EC	+46.90105	+59,236.52364	+240,409.57396							

I.P NO. ()

IP +240,390.0472
 AP1 +240,403.1114
 AP2 +240,401.4682
 S1 +240,405.3068
 S +240,402.2898
 S2 +240,403.7875
 C +240,410.9787
 O +240,432.2235

R + 30.0000
 TL 29.7780
 O 42.2685
 M 8.7082
 SL 12.2697
 TL1,2 12.3612
 SL1,2 2.4469
 CL 46.9010

IA 89 34 27.84
 T1 311 24 06.16
 T2 40 58 34.00

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC	-	0.0000		+59,194.3486	+240,412.3834	+ 30.0000	0.0	+ 30.0000	46.9010	311 24 06.16
EC	-	+ 46.9010		+59,236.5236	+240,409.5740					40 58 34.00

M.	X0	Y0	TO	S T A.	X	Y	T	D
0.0000	+59,194.3486	+240,412.3834	311 24 06.16	233+90.2876	+59,187.7853	+240,406.5967	311 24 06.16	8.7500
+ 46.9010	+59,236.5236	+240,409.5740	40 58 34.00	234+20.0000	+59,207.3522	+240,384.2369	310 58 34.00	38.6386

M.	XO	YO	TO	S T A.	X	Y	T	D
0.0000	+59,194.3486	+240,412.3834	311.24 06.16	0+08.6394	+59,213.8748	+240,389.9022	40 58 34.00	29.7772
+ 46.9010	+59,236.5236	+240,409.5740	40 58 34.00	0+38.6386	+59,236.5236	+240,409.5740	40 58 34.00	-0.0000

NAME	M.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BC	-	0.00000	+59,233.40098	+240,367.42092	- 30.00000	0.00000	46.90105	0.00	00.00	100
EC	-	+ 46.90105	+59,236.52364	+240,409.57396	- 30.00000	0.00000	46.90105	0.00	00.00	100

I.P NO. ()

IP	+59,214.0418	+240,390.0472
AP1	+59,225.5647	+240,376.8134
AP2	+59,227.1912	+240,401.4682
S1	+59,227.6898	+240,377.5759
S	+59,226.2780	+240,389.1408
S2	+59,229.3735	+240,400.3714
C	+59,234.9623	+240,388.4974
O	+59,256.1960	+240,386.9245

R	- 30.0000
TL	29.7780
D	42.2635
M	8.7032
SL	12.2697
TL1,2	12.3612
SL1,2	2.4469
CL	46.9010

IA	89 34 27.84
T1	130 33 01.84
T2	40 58 34.00

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC	-	0.0000		+59,233.4010	+240,367.4209	- 30.0000	0.0	- 30.0000	46.9010	130 33 01.84
EC	-	46.9010		+59,236.5236	+240,409.5760					40 58 34.00

***** THOGOTO JUNCTION

R=30 (B-2) TO CENTER ***** SUISEN ***** S-11264-I (FORM 13) PAGE 27

M.	X0	Y0	TO	S T A.	X	Y	T	D
0.0000	+59,233.4010	+240,367.4209	130 33 01.84	234+49.7124	+59,226.7524	+240,361.7324	310 33 01.84	8.7500
+ 46.9010	+59,236.5236	+240,409.5740	40 58 34.00	234+20.0000	+59,207.3522	+240,384.2369	310 58 34.00	58.6386

THOGOTO JUNCTION ***** SUISEN *****

M.	X0	Y0	TO	S T A.	X	Y	T	D
0.0000	+59,233.4010	+240,367.4209	130.33 01.84	0+08.6394	+59,213.8748	+240,389,9022	40 58 34.00	-29.7772
+ 66.9010	+59,236.5236	+240,409.5740	40 58 34.00	0+38.6386	+59,236.5236	+240,409.5740	40 58 34.00	0.0000

NAME	S T A.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BP 00-0	0+00.00000	+59,207.89614	+240,764.23773	0.00000	0.00000	0.00000	105.47804	0.00	00.00	0
BC 01-0	1+05.47804	+59,137.27968	+240,685.88638	+2,000.00000	0.00000	+2,000.00000	77.56641	0.00	00.00	100
EC 01-0	1+83.04445	+59,086.47996	+240,627.27595	0.00000	0.00000	0.00000	96.61227	0.00	00.00	0
EP 00-0	2+79.65672	+59,024.63029	+240,553.05635	+400.00000	0.00000	+400.00000	131.24025	0.00	00.00	100
-	4+10.89697	+58,958.50363	+240,440.37402	0.00000	0.00000	0.00000	89.10303	0.00	00.00	0
-	5+00.00000	+58,926.56210	+240,357.19297							

BP 00-0 / BC 01-0 L= 105.4780

R1= 0.0000
 A = 0.0000
 R2= 0.0000

S T A.	X	Y	T	D	A
0+00.0000	+59,207.8961	+240,764.2377	227 58 20.33	20.0000	227 58 20.33
0+20.0000	+59,194.5063	+240,749.3813	227 58 20.33	20.0000	227 58 20.33
0+40.0000	+59,181.1165	+240,734.5249	227 58 20.33	20.0000	227 58 20.33
0+60.0000	+59,167.7268	+240,719.6684	227 58 20.33	20.0000	227 58 20.33
0+80.0000	+59,154.3370	+240,704.8120	227 58 20.33	20.0000	227 58 20.33
1+00.0000	+59,140.9472	+240,689.9556	227 58 20.33	5.4780	227 58 20.33
1+05.4780	+59,137.2797	+240,685.8864	227 58 20.33		

BC 01-0 / EC 01-0 L= 77.5664

R1= + 2,000.0000
 A = 0.0000
 R2= + 2,000.0000

S T A.	X	Y	T	D	A
1+05.4780	+59,137.2797	+240,685.8864	227 58 20.33	14.5219	228 10 49.18
1+20.0000	+59,127.5966	+240,675.0640	228 23 18.02	19.9999	228 40 29.34
1+40.0000	+59,114.3901	+240,660.0445	228 57 40.67	19.9999	229 14 51.99
1+60.0000	+59,101.3343	+240,644.8938	229 32 03.31	19.9999	229 49 14.64
1+80.0000	+59,088.4308	+240,629.6133	230 06 25.96	3.0445	230 09 02.95
1+83.0445	+59,086.4300	+240,627.2760	230 11 39.94		

EC 01-0 / EP 00-0 L= 96.6123

R1= 0.0000
 A = 0.0000
 R2= 0.0000

S T A.	X	Y	T	D	A
1+83.0445	+59,086.4800	+240,627.2760	230 11 39.94	16.9555	230 11 39.94
2+00.0000	+59,075.6253	+240,614.2503	230 11 39.94	20.0000	230 11 39.94
2+20.0000	+59,062.8216	+240,598.8859	230 11 39.94	20.0000	230 11 39.94
2+40.0000	+59,050.0179	+240,583.5215	230 11 39.94	20.0000	230 11 39.94
2+60.0000	+59,037.2142	+240,568.1571	230 11 39.94	19.6567	230 11 39.94
2+79.6567	+59,024.6303	+240,553.0564	230 11 39.94		

EP 00-0 / - L= 131.2403

R1= + 400.0000
 A = 0.0000
 R2= + 400.0000

S T A.	X	Y	T	D	A
2+79.6567	+59,024.6303	+240,553.0564	230 11 39.94	0.3433	230 13 08.45
2+80.0000	+59,024.4106	+240,552.7925	230 14 36.96	19.9979	231 40 33.58
3+00.0000	+59,012.0098	+240,537.1038	233 06 30.20	19.9979	234 32 26.82
3+20.0000	+59,000.4085	+240,520.8150	235 58 23.44	19.9979	237 24 20.06
3+40.0000	+58,989.6359	+240,503.9666	238 50 16.68	19.9979	240 16 13.30
3+60.0000	+58,979.7187	+240,486.6009	241 42 09.92	19.9979	243 08 06.54
3+80.0000	+58,970.6819	+240,468.7613	244 34 03.16	19.9979	245 59 59.78
4+00.0000	+58,962.5480	+240,450.4923	247 25 56.40	10.8966	248 12 45.98
4+10.3970	+58,958.5036	+240,440.3740	248 59 35.56		

L= 89.1030

R1= 0.0000
A = 0.0000
R2= 0.0000

S T A.	X	Y	T	D	A
4+10.3970	+58,958.5036	+240,440.3740	248 59 35.56	9.1030	248 59 35.56
4+20.0000	+58,955.2404	+240,431.8760	248 59 35.56	20.0000	248 59 35.56
4+40.0000	+58,948.0708	+240,413.2052	248 59 35.56	20.0000	248 59 35.56
4+60.0000	+58,940.9012	+240,394.5345	248 59 35.56	20.0000	248 59 35.56
4+80.0000	+58,933.7317	+240,375.8637	248 59 35.56	20.0000	248 59 35.56
5+00.0000	+58,926.5621	+240,357.1930	248 59 35.56		

I.P NO. (

IP	+59,111.3115	+240,657.0738
AP1	+59,124.2968	+240,671.4814
AP2	+59,098.8946	+240,642.1735
S1	+59,124.3672	+240,671.4192
S2	+59,111.5957	+240,656.8274
C	+59,098.9662	+240,642.1126
O	+59,111.8798	+240,656.5812
	+60,622.9225	+239,346.9072

R	+2,000.0000
TL	38.7881
D	77.5615
M	0.3760
SL	0.3761
TL1,2	19.3922
SL1,2	0.0940
CL	77.5664

IA	2 13 19.61
T1	227 58 20.33
T2	230 11 39.94

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 01-0	1+05.4780	+59,137.2797	+240,685.8864	+2,000.0000	0.0	+2,000.0000	77.5664	227 58 20.33
EC 01-0	1+83.0445	+59,086.4800	+240,627.2760					230 11 39.94

I.P NO. ()

IP	+58,982.2404	+240,502.1884
AP1	+59,003.5736	+240,527.7943
AP2	+58,970.2918	+240,471.0723
S1	+59,004.6825	+240,527.0183
S	+58,986.9352	+240,499.4333
S2	+58,971.5076	+240,470.4870
C	+58,991.5670	+240,496.7152
O	+59,331.9138	+240,296.9826

R	+ 400.0000
TL	66.2152
D	130.6524
M	5.3704
SL	5.4435
TL1,2	32.8838
SL1,2	1.3494
CL	131.2403

IA	18 47 55.61
T1	230 11 39.94
T2	248 59 35.56

NAME	S	T	A.	X	Y	R1	A	R2	L	T
EP 00-0	2+79.6567			+59,024.6303	+240,553.0564	+ 400.0000	0.0	+ 400.0000	131.2403	230 11 39.94
	4+10.8970			+58,958.5036	+240,440.3740					248 59 35.56

***** THOGOTO JUNCTION

CENTER * APPROACH ROAD ***** S-11264-1 (FORM 13) PAGE 35

S T A.	XO	YO	TO	S T A.	X	Y	T	D
231+69.4125	+59,037.2142	+240,568.1571	314 33.55.84	2+60.0000	+59,037.2142	+240,568.1571	230 11 39.94	0.0000

8 KIKUYU TOWN JUNCTION

1 - 58

KIKUYU TOWN JUNCTION A-LINE

(CENTER)

(A-LINE)

(TAPER BP) STA. 281+89.1042 IA= 0 00 00.00 STA. 15+88.8514

X + 63,474.8026 1/***** X + 63,470.2794

Y +240,277.7962 Y +240,285.2497

T 31 35 20.54 T 31 35 20.54

L= 69.1042 DL= 8.7500 L= 68.5382

(NOSE) STA. 281+20.0000 STA. 15+20.3131

X + 63,414.7946 X + 63,409.1136

Y +240,243.6597 Y +240,254.5128

DL= 12.2500

(NOSE POINT) X + 63,409.1136 DL1= 12.2500

Y +240,254.5128 DL2= 0.0000

TOTAL L= 69.1042

TOTAL L= 68.5382

KIKUYU TOWN JUNCTION

A-LINE

***** S-11265-I (FORM 1)

PAGE 2

NAME	S T A.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
SP 00-0	0+00.00000	+61,909.91106	+240,054.03316	0.00000	0.00000	0.00000	6.58585	0 00	00.00	0
BC 01-0	0+06.58585	+61,916.42595	+240,053.06896	+ 800.00000	0.00000	+ 800.00000	207.16988	0 00	00.00	100
EC 01-0	2+13.75573	+62,122.98597	+240,049.46366	0.00000	0.00000	0.00000	622.08946	0 00	00.00	0
BC 02-0	8+35.84519	+62,741.17575	+240,119.01001	+ 500.00000	0.00000	+ 500.00000	63.60789	0 00	00.00	100
EC 02-0	8+99.25307	+62,803.56852	+240,130.06970	0.00000	0.00000	0.00000	31.87004	0 00	00.00	0
BC 03-0	9+31.12311	+62,834.53383	+240,137.60953	- 500.00000	0.00000	- 500.00000	74.24925	0 00	00.00	100
EC 03-0	10+05.37236	+62,907.71229	+240,149.76434	0.00000	0.00000	0.00000	195.13544	0 00	00.00	0
BC 04-0	12+00.50780	+63,102.05189	+240,167.37012	+ 250.00000	0.00000	+ 250.00000	70.71378	0 00	00.00	100
EC 04-0	12+71.22158	+63,170.64562	+240,183.55928	0.00000	0.00000	0.00000	27.95123	0 00	00.00	0
BC 05-0	12+99.17282	+63,196.67282	+240,193.75025	- 400.00000	0.00000	- 400.00000	49.58687	0 00	00.00	100
EC 05-0	13+48.75969	+63,243.84739	+240,208.92493	0.00000	0.00000	0.00000	119.25225	0 00	00.00	0
BC 06-0	14+68.01194	+63,359.41493	+240,238.33991	+ 400.00000	0.00000	+ 400.00000	120.83942	0 00	00.00	100
EC 06-0	15+88.85136	+63,470.27936	+240,285.24969							

BP 00-U / BC 01-0 L= 6.5859

R1= 0.0000
 A = 0.0000
 R2= 0.0000

S T A.	X	Y	T	D	A
0+00.0000	+61,909.9111	+240,054.0332	351 34 52.81	6.5859	351 34 52.81
0+06.5859	+61,916.4260	+240,053.0690	351 34 52.81		

BC 01-0 / EC 01-0 L= 207.1699

R1= + 800.0000
 A = 0.0000
 R2= + 800.0000

S T A.	X	Y	T	D	A
0+06.5859	+61,916.4260	+240,053.0690	351 34 52.81	13.4140	352 03 42.11
0+20.0000	+61,923.7114	+240,051.2164	352 32 31.40	19.9995	353 15 29.71
0+40.0000	+61,949.5726	+240,048.8686	353 58 28.02	19.9995	354 41 26.33
0+60.0000	+61,969.4363	+240,047.0180	355 24 24.64	19.9995	356 07 22.95
0+80.0000	+61,989.4400	+240,045.6657	356 50 21.26	19.9995	357 33 19.57
1+00.0000	+62,009.4213	+240,044.8127	358 16 17.88	19.9995	358 59 16.19
1+20.0000	+62,029.4176	+240,044.4594	359 42 14.50	19.9995	0 25 12.81
1+40.0000	+62,049.4166	+240,044.6061	1 08 11.12	19.9995	1 51 09.43
1+60.0000	+62,069.4056	+240,045.2526	2 34 07.74	19.9995	3 17 06.05
1+80.0000	+62,089.3722	+240,046.3987	4 00 04.36	19.9995	4 43 02.67
2+00.0000	+62,109.3039	+240,048.0434	5 26 00.98	13.7556	5 55 34.31
2+13.7557	+62,122.9860	+240,049.4637	6 25 07.63		

EC 01-U / BC 02-0 L= 622.0895

R1= 0.0000
 A = 0.0000
 R2= 0.0000

S T A.	X	Y	T	D	A
2+13.7557	+62,122.9860	+240,049.4637	6 25 07.63	6.2443	6 25 07.63
2+20.0000	+62,129.1911	+240,050.1617	6 25 07.63	20.0000	6 25 07.63
2+40.0000	+62,149.0657	+240,052.3976	6 25 07.63	20.0000	6 25 07.63
2+60.0000	+62,168.9404	+240,054.6335	6 25 07.63	20.0000	6 25 07.63
2+80.0000	+62,188.8150	+240,056.3694	6 25 07.63	20.0000	6 25 07.63
3+00.0000	+62,208.6896	+240,059.1053	6 25 07.63	20.0000	6 25 07.63
3+20.0000	+62,228.5642	+240,061.3412	6 25 07.63	20.0000	6 25 07.63
3+40.0000	+62,248.4389	+240,063.5771	6 25 07.63	20.0000	6 25 07.63
3+60.0000	+62,268.3135	+240,065.8130	6 25 07.63	20.0000	6 25 07.63
3+80.0000	+62,288.1881	+240,068.0489	6 25 07.63	20.0000	6 25 07.63
4+00.0000	+62,308.0627	+240,070.2848	6 25 07.63	20.0000	6 25 07.63
4+20.0000	+62,327.9374	+240,072.5207	6 25 07.63	20.0000	6 25 07.63
4+40.0000	+62,347.8120	+240,074.7566	6 25 07.63	20.0000	6 25 07.63
4+60.0000	+62,367.6866	+240,076.9925	6 25 07.63	20.0000	6 25 07.63
4+80.0000	+62,387.5612	+240,079.2284	6 25 07.63	20.0000	6 25 07.63
5+00.0000	+62,407.4359	+240,081.4643	6 25 07.63	20.0000	6 25 07.63
5+20.0000	+62,427.3105	+240,083.7002	6 25 07.63	20.0000	6 25 07.63
5+40.0000	+62,447.1851	+240,085.9361	6 25 07.63	20.0000	6 25 07.63
5+60.0000	+62,467.0597	+240,088.1720	6 25 07.63	20.0000	6 25 07.63
5+80.0000	+62,486.9344	+240,090.4079	6 25 07.63	20.0000	6 25 07.63
6+00.0000	+62,506.8090	+240,092.6438	6 25 07.63	20.0000	6 25 07.63
6+20.0000	+62,526.6836	+240,094.8796	6 25 07.63	20.0000	6 25 07.63
6+40.0000	+62,546.5583	+240,097.1155	6 25 07.63	20.0000	6 25 07.63

EC	01-U / PC	02-0											
6+80.0000	+62,595.3075	+240,101.5873	6 25 07.63	20.0000	6 25 07.63	6 25 07.63							
7+00.0000	+62,606.1821	+240,103.8232	6 25 07.63	20.0000	6 25 07.63	6 25 07.63							
7+20.0000	+62,626.0568	+240,106.0591	6 25 07.63	20.0000	6 25 07.63	6 25 07.63							
7+40.0000	+62,645.9314	+240,108.2950	6 25 07.63	20.0000	6 25 07.63	6 25 07.63							
7+60.0000	+62,665.8060	+240,110.5309	6 25 07.63	20.0000	6 25 07.63	6 25 07.63							
7+80.0000	+62,695.6806	+240,112.7668	6 25 07.63	20.0000	6 25 07.63	6 25 07.63							
8+00.0000	+62,705.5553	+240,115.0027	6 25 07.63	20.0000	6 25 07.63	6 25 07.63							
8+20.0000	+62,725.4299	+240,117.2386	6 25 07.63	15.8452	6 25 07.63	6 25 07.63							
8+35.8452	+62,741.1757	+240,119.0100	6 25 07.63										

BC 02-0 / EC 02-0 L= 63.4079

R1= + 500.0000
 A = 0.0000
 R2= + 500.0000

S	T	A.	X	Y	T	D	A
8+35.8452			+62,741.1757	+240,119.0100	6 25 07.63	4.1548	6 39 24.62
8+40.0000			+62,745.3025	+240,119.4916	6 53 41.62	19.9987	8 02 26.91
8+60.0000			+62,765.1046	+240,122.2890	9 11 12.21	19.9987	10 19 57.50
8+60.0000			+62,784.7739	+240,125.8760	11 28 42.80	19.2519	12 34 54.03
8+99.2531			+62,803.5685	+240,130.0697	13 41 05.26		

EC 02-0 / EC 03-0 L= 31.8700

R1= 0.0000
 A = 0.0000
 R2= 0.0000

S T A.	X	Y	T	D	A
8+99.2531	+62,803.5635	+240,130.0697	13 41 05.26	0.7469	13 41 05.26
9+00.0000	+62,804.2942	+240,130.2464	13 41 05.26	20.0000	13 41 05.26
9+20.0000	+62,823.7265	+240,134.9780	13 41 05.26	11.1231	13 41 05.26
9+31.1231	+62,834.5338	+240,137.6095	13 41 05.26		

BC 03-0 / EC 03-0 L= 74.2492

R1= 500.0000
 A = 0.0000
 R2= 500.0000

S T A.	X	Y	T	D	A
9+31.1231	+62,834.5338	+240,137.6095	13 41 05.26	8.8768	13 10 34.27
9+40.0000	+62,843.1769	+240,139.6330	12 40 03.28	19.9987	11 31 17.99
9+60.0000	+62,862.7726	+240,143.6275	10 22 32.69	19.9987	9 13 47.39
9+80.0000	+62,882.5123	+240,146.8351	8 05 02.10	19.9987	6 56 16.80
10+00.0000	+62,902.3646	+240,149.2509	5 47 31.51	5.3723	5 29 03.38
10+05.3724	+62,907.7123	+240,149.7643	5 10 35.25		

EC 03-0 / EC 04-0 L= 195.1354
 R1= 0.0000
 A = 0.0000
 R2= 0.0000

S T A.	X	Y	T	D	A
10+05.3724	+62,907.7123	+240,149.7643	5 10 35.25	14.6276	5 10 35.25
10+20.0000	+62,922.2503	+240,151.0841	5 10 35.25	20.0000	5 10 35.25
10+40.0000	+62,942.1987	+240,152.8886	5 10 35.25	20.0000	5 10 35.25
10+60.0000	+62,962.1171	+240,154.6930	5 10 35.25	20.0000	5 10 35.25
10+80.0000	+62,982.0356	+240,156.4975	5 10 35.25	20.0000	5 10 35.25
11+00.0000	+63,001.9540	+240,158.3020	5 10 35.25	20.0000	5 10 35.25
11+20.0000	+63,021.8724	+240,160.1064	5 10 35.25	20.0000	5 10 35.25
11+40.0000	+63,041.7909	+240,161.9109	5 10 35.25	20.0000	5 10 35.25
11+60.0000	+63,061.7093	+240,163.7154	5 10 35.25	20.0000	5 10 35.25
11+80.0000	+63,081.6277	+240,165.5198	5 10 35.25	20.0000	5 10 35.25
12+00.0000	+63,101.5462	+240,167.3243	5 10 35.25	0.5078	5 10 35.25
12+00.5078	+63,102.0519	+240,167.3701	5 10 35.25		

BC 04-U / EC 04-0 L= 70.7138
 R1= + 250.0000
 A = 0.0000
 R2= + 250.0000

S T A.	X	Y	T	D	A
12+00.5078	+63,102.0519	+240,167.3701	5 10 35.25	19.4873	7 24 36.36
12+20.0000	+63,121.3764	+240,169.8834	9 38 37.47	19.9947	11 56 08.06
12+40.0000	+63,140.9338	+240,174.0185	14 13 38.65	19.9947	16 31 09.25
12+60.0000	+63,160.1052	+240,179.7038	18 48 39.84	11.2206	20 05 49.07
12+71.2216	+63,170.6456	+240,183.5593	21 22 58.31		

EC 04-0 / BC 05-0 L= 27.9512

R1= 0.0000
 A = 0.0000
 R2= 0.0000

S	T	A.	X	Y	T	D	A
12+71.2216			+63,170.6456	+240,183.5593	21 22 58.31	8.7784	21 22 58.31
12+80.0000			+63,178.3198	+240,186.7599	21 22 58.31	19.1728	21 22 58.31
12+99.1728			+63,196.6728	+240,193.7502	21 22 58.31		

BC 05-0 / EC 05-0 L= 49.5869

R1= - 400.0000
 A = 0.0000
 R2= - 400.0000

S	T	A.	X	Y	T	D	A
12+99.1728			+63,196.6728	+240,193.7502	21 22 58.31	0.8272	21 19 25.04
13+00.0000			+63,197.4434	+240,194.0510	21 15 51.76	19.9979	19 49 55.14
13+20.0000			+63,216.2553	+240,200.8356	18 23 58.52	19.9979	16 58 01.90
13+40.0000			+63,235.5927	+240,206.6715	15 32 05.28	8.7595	14 54 26.76
13+48.7597			+63,243.8474	+240,208.9249	14 16 48.24		

EC 05-0 / EC 06-0 L= 119.2522

R1= 0.0000
 A = 0.0000
 R2= 0.0000

S T A.	X	Y	T	D	A
13+48.7597	+63,243.8474	+240,209.9249	14 16 48.24	11.2403	14 16 48.24
13+60.0000	+63,254.7404	+240,211.6975	14 16 48.24	20.0000	14 16 48.24
13+80.0000	+63,274.1224	+240,216.6307	14 16 48.24	20.0000	14 16 48.24
14+00.0000	+63,293.5045	+240,221.5640	14 16 48.24	20.0000	14 16 48.24
14+20.0000	+63,312.8865	+240,226.4972	14 16 48.24	20.0000	14 16 48.24
14+40.0000	+63,332.2685	+240,231.4304	14 16 48.24	20.0000	14 16 48.24
14+60.0000	+63,351.6506	+240,236.3637	14 16 48.24	8.0119	14 16 48.24
14+68.0119	+63,359.4149	+240,238.3399	14 16 48.24		

BC 06-0 / EC 06-0 L= 120.8394

R1= + 400.0000
 A = 0.0000
 R2= + 400.0000

S T A.	X	Y	T	D	A
14+68.0119	+63,359.4149	+240,238.3399	14 16 48.24	11.9876	15 08 19.14
14+80.0000	+63,370.9865	+240,241.4705	15 59 50.03	19.9979	17 25 46.65
15+00.0000	+63,390.0663	+240,247.4606	18 51 43.27	19.9979	20 17 39.89
15+20.0000	+63,408.8228	+240,254.3968	21 43 36.51	19.9979	23 09 33.13
15+40.0000	+63,427.2092	+240,262.2617	24 35 29.75	19.9979	26 01 26.37
15+60.0000	+63,445.1795	+240,271.0357	27 27 22.99	19.9979	28 53 19.61
15+80.0000	+63,462.6889	+240,280.6969	30 19 16.23	8.8512	30 57 18.39
15+88.8514	+63,470.2794	+240,285.2497	31 35 20.54		

I.P. NO. ()

IP +62,019.4712 +240,037.8183
 AP1 +61,967.7320 +240,045.4757
 AP2 +62,071.4461 +240,043.6654
 S1 +61,967.8699 +240,047.1495
 S +62,019.5891 +240,044.5705
 S2 +62,071.3668 +240,045.3430
 C +62,019.7060 +240,051.2663
 O +62,033.5502 +240,244.4487

R + 800.0000
 TL 104.1677
 D 206.5915
 M 6.6908
 SL 6.7533
 TL1,2 51.8650
 SL1,2 1.6795
 CL 207.1699

IA 14 50 14.82
 T1 351 34 52.81
 T2 6 25 07.63

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC 01-0	0+06.5859			+61,916.4260	+240,053.0690	+ 800.0000	0.0	+ 800.0000	207.1699	351 34 52.81
EC 01-0	2+13.7557			+62,122.9860	+240,049.4637					6 25 07.63

I.P. NO. (

IP +240,122.5591
 AP1 +240,120.7828
 AP2 +240,126.3182
 S1 +240,121.0316
 S +240,123.5505
 S2 +240,126.5642
 C +240,124.5399
 O +240,615.8757

R + 500.0000
 TL 31.7465
 D 63.3654
 M 1.0048
 SL 1.0068
 TL1,2 15.8573
 SL1,2 0.2514
 CL 63.4079

IA 7 15 57.63
 T1 6 25 07.63
 T2 13 41 05.26

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC 02-0	8+35.8452			+62,741.1757	+240,119.0100	+ 500.0000	0.0	+ 500.0000	63.4079	6 25 07.63
EC 02-0	8+99.2531			+62,803.5685	+240,130.0697					13 41 05.26

I.P. NO. C

IP +62,870.8710 +240,146.4087
 AP1 +62,852.5775 +240,142.0030
 AP2 +62,889.2172 +240,148.0888
 S1 +62,852.8466 +240,141.6653
 S +62,870.8973 +240,145.0459
 S2 +62,889.2610 +240,147.7469
 C +62,871.1231 +240,143.6869
 O +62,952.8240 +239,651.8036

R - 500.0000
 TL 37.1930
 D 74.1810
 M 1.3776
 SL 1.3814
 TL1,2 18.5708
 SL1,2 0.3448
 CL 74.2492

IA 8 30 30.01
 T1 13 41 05.26
 T2 5 10 35.25

NAME	S	T	A.	X	Y	R1	A	R2	L	T
SC 03-0	9+31.1231			+62,834.5338	+240,137.6095	- 500.0000	0.0	- 500.0000	74.2492	13 41 05.26
EC 03-0	10+05.3724			+62,907.7123	+240,149.7643					5 10 35.25

A-LINE

KIKUYU TOWN JUNCTION

I.P NO. ()

IP +63,137.5012 +240,170.5816
 AP1 +63,119.6876 +240,168.9678
 AP2 +63,154.1566 +240,177.1030
 S1 +63,119.5872 +240,169.5860
 S +63,136.9221 +240,173.0354
 S2 +63,153.9700 +240,177.7009
 C +63,136.3688 +240,175.4647
 O +63,079.4960 +240,416.3505

R + 250.0000
 TL 35.5945
 D 70.4783
 M 2.4961
 SL 2.5212
 TL1,2 17.7080
 SL1,2 0.6264
 CL 70.7138

IA 16 12 23.06
 T1 5 10 35.25
 T2 21 22 58.31

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC 04-0	12+00.5078			+03,102.0519	+240,167.3701	+ 250.0000	0.0	+ 250.0000	70.7138	5 10 35.25
EC 04-0	12+71.2216			+03,170.6456	+240,183.5593					21 22 58.31

A-LINE

KIKUYU TOWN JUNCTION

I.P NO. ()

IP	+63,219.7892	+240,202.8015
AP1	+63,209.2199	+240,198.2715
AP2	+63,231.8299	+240,205.8662
S1	+63,208.2844	+240,198.0905
S	+63,220.0249	+240,202.0688
S2	+63,231.8830	+240,205.6815
C	+63,220.2601	+240,201.3376
O	+63,342.5121	+239,821.2843

R	- 400.0000
TL	24.8252
D	49.5551
M	0.7681
SL	0.7696
TL1,2	12.4007
SL1,2	0.1922
CL	49.5869

IA	7 09 10.07
TI	21 22 58.31
IT	14 16 48.24

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC 05-0	12+99.1728			+63,196.6728	+240,193.7502	- 400.0000	0.0	- 400.0000	49.5869	21 22 58.31
EC 05-0	13+48.7507			+63,243.8474	+240,208.9249					14 16 48.24

I.P. NO. ()

IP +65,413.4172 +240,253.3575
 AP1 +63,383.7471 +240,245.8057
 AP2 +63,444.4967 +240,269.3949
 S1 +63,383.3823 +240,248.8895
 S +65,416.6219 +240,257.6003
 S2 +63,443.9730 +240,270.4114
 C +63,414.8471 +240,261.7948
 O +63,260.7502 +240,625.9806

R + 400.0000
 TL 60.8855
 D 120.3804
 M 4.5545
 SL 4.6070
 TL1,2 30.2674
 SL1,2 1.1435
 CL 120.8394

IA 17 18 32.30
 T1 14 16 48.24
 T2 31 35 20.54

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC 06-0	14+68.011Y			+63,356.4149	+240,238.3399	+ 400.0000	0.0	+ 400.0000	120.8394	14 16 48.24
EC 06-0	15+68.3514			+63,470.2794	+240,285.2497					31 35 20.54

S T A.	X0	Y0	T0	S T A.	X	Y	T	D
266+00.0000	+61,922.4674	+239,991.5512	11 21 46.09	0+00.0000	+61,909.9111	+240,054.0332	351 34 52.81	-63.7311
266+20.0000	+61,942.0852	+239,995.4426	11 04 34.76	0+21.5059	+61,931.2047	+240,051.0223	352 38 59.66	-56.6347
266+40.0000	+61,961.7221	+239,999.2359	10 47 23.44	0+42.7598	+61,952.3176	+240,048.5836	354 10 19.58	-50.2359
266+60.0000	+61,981.3778	+240,002.9309	10 30 12.12	0+63.7838	+61,973.2586	+240,046.7239	355 40 40.22	-44.5393
266+80.0000	+62,001.0517	+240,006.5276	10 13 00.79	0+84.6075	+61,994.0412	+240,045.4249	357 10 09.21	-39.5241
267+00.0000	+62,020.7434	+240,010.0258	9 55 49.47	1+05.2585	+62,014.6778	+240,044.6714	358 38 53.68	-35.1725
267+20.0000	+62,040.4523	+240,013.4256	9 38 38.74	1+25.7628	+62,035.1804	+240,044.4504	0 07 00.32	-31.4695
267+40.0000	+62,060.1780	+240,016.7268	9 21 26.82	1+46.1451	+62,055.5599	+240,044.7515	1 34 35.50	-28.4027
267+60.0000	+62,079.9199	+240,019.9293	9 04 15.50	1+66.4289	+62,075.8268	+240,045.5666	3 01 45.30	-25.9619
267+80.0000	+62,099.6775	+240,023.0331	8 47 04.17	1+86.6370	+62,095.9910	+240,046.8892	4 28 35.58	-24.1393
268+00.0000	+62,119.4505	+240,026.0380	8 29 52.85	2+06.7916	+62,116.0622	+240,048.7152	5 55 12.05	-22.9290
268+20.0000	+62,139.2382	+240,028.9441	8 12 41.52	2+26.9170	+62,136.0648	+240,050.9350	6 25 07.63	-22.2188
268+40.0000	+62,159.0402	+240,031.7511	7 55 30.20	2+47.0350	+62,156.0566	+240,053.1841	6 25 07.63	-21.6397
268+60.0000	+62,178.8560	+240,034.4591	7 38 18.88	2+67.1476	+62,176.0432	+240,055.4326	6 25 07.63	-21.1612
268+80.0000	+62,198.6851	+240,037.0681	7 21 07.55	2+87.2560	+62,196.0255	+240,057.6806	6 25 07.63	-20.7834
269+00.0000	+62,218.5270	+240,039.5778	7 03 56.23	3+07.3611	+62,216.0046	+240,059.9283	6 25 07.63	-20.5062
269+20.0000	+62,238.3812	+240,041.9883	6 46 44.90	3+27.4640	+62,235.9814	+240,062.1757	6 25 07.63	-20.3295
269+40.0000	+62,258.2472	+240,044.2995	6 29 33.58	3+47.5656	+62,255.9570	+240,064.4229	6 25 07.63	-20.2533
269+45.1574	+62,263.3719	+240,044.8793	6 25 07.63	3+52.7491	+62,261.1080	+240,065.0024	6 25 07.63	-20.2500
269+60.0000	+62,278.1214	+240,046.5387	6 25 07.63	3+67.5917	+62,275.8576	+240,066.6617	6 25 07.63	-20.2500
269+80.0000	+62,297.9961	+240,048.7746	6 25 07.63	3+87.5917	+62,295.7322	+240,068.8976	6 25 07.63	-20.2500
270+00.0000	+62,317.8707	+240,051.0105	6 25 07.63	4+07.5917	+62,315.6068	+240,071.1335	6 25 07.63	-20.2500
270+20.0000	+62,337.7453	+240,053.2463	6 25 07.63	4+27.5917	+62,335.4815	+240,073.3694	6 25 07.63	-20.2500
270+40.0000	+62,357.6199	+240,055.4822	6 25 07.63	4+47.5917	+62,355.3561	+240,075.6053	6 25 07.63	-20.2500
270+60.0000	+62,377.4946	+240,057.7161	6 25 07.63	4+67.5917	+62,375.2307	+240,077.8412	6 25 07.63	-20.2500

S T A.	XO	YO	TO	S T A.	X	Y	T	D
270+80.0000	+62,397.3692	+240,059.9560	6 25 07.63	4+87.5917	+62,395.1053	+240,080.0771	6 25 07.63	-20.2500
271+00.0000	+62,417.2434	+240,062.1899	6 25 07.63	5+07.5917	+62,414.9800	+240,082.3130	6 25 07.63	-20.2500
271+20.0000	+62,437.1184	+240,064.4258	6 25 07.63	5+27.5917	+62,434.8546	+240,084.5489	6 25 07.63	-20.2500
271+40.0000	+62,456.9931	+240,066.6617	6 25 07.63	5+47.5917	+62,454.7292	+240,086.7848	6 25 07.63	-20.2500
271+60.0000	+62,476.8677	+240,068.8976	6 25 07.63	5+67.5917	+62,474.6038	+240,089.0207	6 25 07.63	-20.2500
271+80.0000	+62,496.7423	+240,071.1335	6 25 07.63	5+87.5917	+62,494.4785	+240,091.2566	6 25 07.63	-20.2500
272+00.0000	+62,516.6169	+240,073.3694	6 25 07.63	6+07.5917	+62,514.3531	+240,093.4925	6 25 07.63	-20.2500
272+20.0000	+62,536.4916	+240,075.6053	6 25 07.63	6+27.5917	+62,534.2277	+240,095.7284	6 25 07.63	-20.2500
272+40.0000	+62,556.3662	+240,077.8412	6 25 07.63	6+47.5917	+62,554.1024	+240,097.9643	6 25 07.63	-20.2500
272+60.0000	+62,576.2408	+240,080.0771	6 25 07.63	6+67.5917	+62,573.9770	+240,100.2002	6 25 07.63	-20.2500
272+80.0000	+62,596.1154	+240,082.3130	6 25 07.63	6+87.5917	+62,593.8516	+240,102.4360	6 25 07.63	-20.2500
273+00.0000	+62,615.9901	+240,084.5489	6 25 07.63	7+07.5917	+62,613.7262	+240,104.6719	6 25 07.63	-20.2500
273+20.0000	+62,635.8647	+240,086.7848	6 25 07.63	7+27.5917	+62,633.6009	+240,106.9078	6 25 07.63	-20.2500
273+40.0000	+62,655.7393	+240,089.0207	6 25 07.63	7+47.5917	+62,653.4755	+240,109.1437	6 25 07.63	-20.2500
273+60.0000	+62,675.6140	+240,091.2566	6 25 07.63	7+67.5917	+62,673.3501	+240,111.3796	6 25 07.63	-20.2500
273+80.0000	+62,695.4886	+240,093.4925	6 25 07.63	7+87.5917	+62,693.2247	+240,113.6155	6 25 07.63	-20.2500
274+00.0000	+62,715.3632	+240,095.7284	6 25 07.63	8+07.5917	+62,713.0994	+240,115.8514	6 25 07.63	-20.2500
274+20.0000	+62,735.2378	+240,097.9643	6 25 07.63	8+27.5917	+62,732.9740	+240,118.0873	6 25 07.63	-20.2500
274+40.0000	+62,755.1125	+240,100.2002	6 25 07.63	8+47.5928	+62,752.8332	+240,120.4603	7 45 53.86	-20.3880
274+60.0000	+62,774.9871	+240,102.4360	6 25 07.63	8+67.6131	+62,772.6105	+240,123.5616	10 03 32.82	-21.2589
274+80.0000	+62,794.8617	+240,104.6719	6 25 07.63	8+87.6845	+62,792.2977	+240,127.4631	12 21 32.89	-22.9349
275+00.0000	+62,814.7363	+240,106.9078	6 25 07.63	9+07.8304	+62,811.9023	+240,132.0989	13 41 05.26	-25.3500
275+20.0000	+62,834.6110	+240,109.1437	6 25 07.63	9+27.9923	+62,831.4919	+240,136.8688	13 41 05.26	-27.9000
275+40.0000	+62,854.4856	+240,111.3796	6 25 07.63	9+48.1206	+62,851.1140	+240,141.3493	11 44 13.28	-30.1588
275+60.0000	+62,874.3602	+240,113.6155	6 25 07.63	9+68.1751	+62,870.8256	+240,145.0340	9 26 20.24	-31.6167

S T A.	XO	YO	TO	S T A.	X	Y	T	D
275+80.0000	+62,894.2348	+240,115.8514	6 25 07.63	9+88.1871	+62,890.6271	+240,147.9200	7 08 44.68	-32.2709
276+00.0000	+62,914.1095	+240,118.0873	6 25 07.63	10+08.1888	+62,910.5172	+240,150.0184	5 10 35.25	-32.1326
276+20.0000	+62,933.9841	+240,120.3232	6 25 07.63	10+28.1935	+62,930.4403	+240,151.8233	5 10 35.25	-31.6988
276+40.0000	+62,953.9587	+240,122.5591	6 25 07.63	10+48.1982	+62,950.3634	+240,153.6282	5 10 35.25	-31.2651
276+60.0000	+62,973.7333	+240,124.7950	6 25 07.63	10+68.2029	+62,970.2866	+240,155.4331	5 10 35.25	-30.8314
276+69.8004	+62,983.4723	+240,125.9906	6 25 07.63	10+78.0056	+62,980.0493	+240,156.3175	5 10 35.25	-30.6189
276+80.0000	+62,993.6078	+240,127.0320	6 26 14.69	10+88.1977	+62,990.1998	+240,157.2371	5 10 35.25	-30.3968
277+00.0000	+63,013.4794	+240,129.2953	6 34 55.50	11+08.1269	+63,010.0478	+240,159.0352	5 10 35.25	-29.9372
277+20.0000	+63,033.3422	+240,131.6336	6 52 11.97	11+27.9851	+63,029.8249	+240,160.8269	5 10 35.25	-29.4044
277+40.0000	+63,053.1899	+240,134.0965	7 18 04.10	11+47.7772	+63,049.5363	+240,162.6126	5 10 35.25	-28.7492
277+60.0000	+63,073.0152	+240,136.7334	7 52 31.90	11+67.5105	+63,069.1892	+240,164.3930	5 10 35.25	-27.9229
277+80.0000	+63,092.8095	+240,139.5937	8 35 35.35	11+87.1952	+63,088.7936	+240,166.1690	5 10 35.25	-26.8770
278+00.0000	+63,112.5625	+240,142.7264	9 27 14.47	12+06.8401	+63,108.3504	+240,168.0212	6 37 39.74	-25.6431
278+20.0000	+63,132.2617	+240,146.1801	10 27 29.25	12+26.4021	+63,127.6736	+240,171.0366	11 06 39.61	-25.2764
278+29.8004	+63,141.8908	+240,148.0043	11 00 08.82	12+35.9649	+63,137.0197	+240,173.0584	13 18 09.50	-25.5232
278+40.0000	+63,151.8928	+240,150.0020	11 35 12.64	12+45.9171	+63,146.6566	+240,175.5405	15 35 00.59	-26.0698
278+60.0000	+63,171.4438	+240,154.2147	12 43 57.93	12+65.4765	+63,165.2724	+240,181.5263	20 03 58.31	-28.0002
278+80.0000	+63,190.9066	+240,158.8175	13 52 43.23	12+85.0730	+63,183.5454	+240,188.6102	21 22 58.31	-30.6886
279+00.0000	+63,210.2734	+240,163.8087	15 01 28.53	13+04.5760	+63,201.7172	+240,195.6862	20 36 32.10	-33.0058
279+20.0000	+63,229.5366	+240,169.1862	16 10 13.82	13+23.9439	+63,220.0036	+240,202.0620	17 50 04.78	-34.2301
279+40.0000	+63,248.6884	+240,174.9478	17 18 59.12	13+43.2621	+63,238.5292	+240,207.5323	15 04 03.13	-34.1315
279+60.0000	+63,267.7211	+240,181.0913	18 27 44.41	13+62.6272	+63,257.2864	+240,212.3455	14 16 48.24	-32.9501
279+80.0000	+63,286.6271	+240,187.6142	19 36 29.71	13+82.0508	+63,276.1099	+240,217.1366	14 16 48.24	-31.3398
280+00.0000	+63,305.3989	+240,194.5139	20 45 15.01	14+01.5471	+63,295.0037	+240,221.9456	14 16 48.24	-29.3352
280+20.0000	+63,324.0290	+240,201.7877	21 54 00.30	14+21.1330	+63,313.9835	+240,226.7764	14 16 48.24	-26.9323

S T A.	X0	Y0	TO	S T A.	X	Y	T	D
280+40.0000	+63,342.5099	+240,209.4325	23 02 45.60	14+40.8221	+63,333.0652	+240,231.6332	14 16 48.24	-24.1262
280+60.0000	+63,360.8342	+240,217.4454	24 11 30.89	14+60.6340	+63,352.2649	+240,236.5200	14 16 48.24	-20.9111
280+80.0000	+63,378.9846	+240,225.8232	25 20 16.19	14+80.5485	+63,371.5137	+240,241.6221	16 04 32.87	-17.4805
281+00.0000	+63,396.9834	+240,234.5625	26 29 01.49	15+00.4436	+63,390.4860	+240,247.6043	18 55 32.04	-14.5709
281+20.0000	+63,414.7946	+240,243.6597	27 37 46.78	15+20.3131	+63,409.1136	+240,254.5128	21 46 17.99	-12.2500
281+40.0000	+63,432.4200	+240,253.1114	28 46 32.08	15+40.1630	+63,427.3574	+240,262.3296	24 36 53.80	-10.5168
281+60.0000	+63,449.8523	+240,262.9137	29 55 17.37	15+59.9990	+63,445.1786	+240,271.0353	27 27 22.46	-9.3706
281+80.0000	+63,467.0860	+240,273.0626	31 04 02.67	15+79.8268	+63,462.5393	+240,280.6095	30 17 46.90	-8.8107
281+89.1042	+63,474.8628	+240,277.7962	31 35 20.54	15+88.8514	+63,470.2794	+240,285.2497	31 35 20.54	-8.7500

KIKUYU TOWN JUNCTION

B-LINE

***** S-11265-I (FORM 1)

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NAME	S T A.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BP 00-0	0+00.00000	+61,922.46742	+239,991.55124	0.00000	0.00000	0.00000	63.73110	0.00	00.00	0
EP 00-0	0+03.73110	+61,909.91106	+240,054.03316							

BP 00-0 / EP 00-0 L= 63.7311

R1= 0.0000
 A = 0.0000
 R2= 0.0000

S T A.	X	Y	T	D	A
0+00.0000	+61,922.4674	+239,991.5512	101 21 46.09	20.0000	101 21 46.09
0+20.0000	+61,918.5270	+240,011.1592	101 21 46.09	20.0000	101 21 46.09
0+40.0000	+61,914.5866	+240,030.7672	101 21 46.09	20.0000	101 21 46.09
0+60.0000	+61,910.6462	+240,050.3752	101 21 46.09	3.7311	101 21 46.09
0+63.7311	+61,909.9111	+240,054.0332	101 21 46.09		

***** KIKUYU TOWN JUNCTION

B-LINE * CENTER

***** SUISEN *****

S-11265-I (FORM 13) PAGE 22

S T A.	X0	Y0	TO	S T A.	X	Y	T	D
0+00.0000	+61,925.4674	+239,991.5512	101 21 46.09	266+00.0000	+61,922.4674	+239,991.5512	11 21 46.09	0.0000

KIKUYU TOWN JUNCTION

B-LINE * A-LINE

***** SUISEN *****

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S T A.

AO

YO

TO

S T A.

X

Y

T

D

0+63.7311	+61,909.9111	+240,054.0332	101 21 46.09	0+00.0000	+61,909.9111	+240,054.0332	351 34 52.81	-0.0000
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NAME	M.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BC	0.00000	+61,891.57177	+239,994.15458	+30.00000	0.00000	+30.00000	46.90105	0.00	00.00	100
EC	46.90105	+61,914.85482	+240,029.43247							

I.P. NO. ()

IP	+61,920.7217	+240,000.2382
AP1	+61,903.6722	+239,996.6799
AP2	+61,917.8902	+240,017.3135
S1	+61,902.2975	+239,998.7041
S	+61,910.4812	+240,006.9968
S2	+61,914.8866	+240,017.7817
C	+61,903.2133	+240,011.7935
O	+61,885.4428	+240,023.5218

R	+ 30.0000
TL	29.7730
D	42.2685
M	8.7082
SL	12.2697
TL1,2	12.3612
SL1,2	2.4469
CL	46.9010

IA	89 34 27.84
T1	11 47 19.25
T2	101 21 46.09

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC	-	0.0000	+61,891.5718	+239,996.1546	+ 30.0000	0.0	+ 30.0000	46.9010	11 47 18.25	
EC	-	+ 46.9010	+61,914.8548	+240,029.4325					101 21 46.09	

M.	X0	Y0	TO	S T A.	X	Y	T	D
0.0000	+61,891.5718	+239,994.1546	11 47 18.25	265+70.2876	+61,893.3596	+239,985.5891	11 47 18.25	8.7500
+ 46.9010	+61,914.8548	+240,029.4325	101 21 46.09	266+00.0000	+61,922.4674	+239,991.5512	11 21 46.09	38.6386

M.	X0	Y0	TO	S T A.	X	Y	T	D
0.0000	+61,891.5718	+239,994.1546	11 47 18.25	0+08.6394	+61,920.7653	+240,000.0213	101 21 46.09	29.7772
+ 46.9010	+61,914.8548	+240,029.4325	101 21 46.09	0+38.6386	+61,914.8548	+240,029.4325	101 21 46.09	0.0000

NAME	M.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BC	0.00000	+61,949.95878	+240,005.88803	- 30.00000	0.00000	- 30.00000	46.90105	0 00	00.00	100
EC	+ 46.90105	+61,914.95432	+240,029.43247							

I.P NO. ()

IP +61,920.7217 +240,000.2382
AP1 +61,937.3221 +240,003.5427
AP2 +61,917.2902 +240,017.3136
S1 +61,928.3031 +240,005.9408
S +61,927.5562 +240,010.4281
S2 +61,919.5246 +240,018.6732
C +61,932.4068 +240,017.6602
O +61,944.2663 +240,035.5431

R - 30.0000
TL 29.7780
D 42.2685
M 8.7082
SL 12.2697
TL1,2 12.3612
SL1,2 2.4469
CL 46.9010

IA 39 34 27.84
T1 190 56 13.93
T2 101 21 46.09

NAME	S	T	A	X	Y	R1	A	R2	L	T
BC	-	0.0000		+61,949.9583	+240,005.8880	- 30.0000	0.0	- 30.0000	46.9010	190 56 13.93
EC	-	+ 46.9010		+61,914.8548	+240,029.4325					101 21 46.09

M.	X0	Y0	TO	S T A.	X	Y	T	D
0.0000	+61,949.9588	+240,005.8880	190 56 13.93	266+29.7124	+61,951.6189	+239,997.2970	10 56 13.93	8.7500
* 46.9010	+61,914.8548	+240,029.4325	101 21 46.09	266+00.0000	+61,922.4674	+239,991.5512	11 21 46.09	38.6386

KIKUYU TOWN JUNCTION

R=30 (B-2) TO B-LINE ***** SUISEN ***** S-11265-I (FORM 13) PAGE 31

M.	XO	YU	TO	S T A.	X	Y	T	D
0.0000	+61,949.9388	+240,005.8880	190 56 13.93	0+08.6394	+61,920.7653	+240,000.0213	101 21 46.09	-29.7772
+ 60.9010	+61,914.8548	+240,029.4325	101 21 46.09	0+38.6386	+61,914.8548	+240,029.4325	101 21 46.09	0.0000

NAME	S T A.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BP 00-0	0+00.00000	+62,586.17813	+240,081.19504	0.00000	0.00000	0.00000	44.87068	0 00	00.00	0
BC 01-0	0+44.87068	+62,591.19444	+240,036.60564	+ 90.00000	0.00000	+ 90.00000	63.48794	0 00	00.00	100
EC 01-0	1+08.35862	+62,619.06279	+239,981.02079	0.00000	0.00000	0.00000	64.35007	0 00	00.00	0
EP 00-0	1+72.70870	+62,666.00000	+239,937.00000							

44.9707

BP 00-0 / EC 01-0 L=

R1= 0.0000
A = 0.0000
R2= 0.0000

S T A.	X	Y	T	D	A
0+00.0000	+62,586.1781	+240,031.1950	276 25 07.63	20.0000	276 25 07.63
0+20.0000	+62,588.4160	+240,061.3204	276 25 07.63	20.0000	276 25 07.63
0+40.0000	+62,590.6499	+240,041.4458	276 25 07.63	4.8707	276 25 07.63
0+44.3707	+62,591.1944	+240,036.6056	276 25 07.63		

63.4879

BC 01-0 / EC 01-0 L=

R1= + 90.0000
A = 0.0000
R2= + 90.0000

S T A.	X	Y	T	D	A
0+44.3707	+62,591.1944	+240,036.6056	276 25 07.63	15.1115	281 14 04.55
0+60.0000	+62,594.1386	+240,021.7837	286 03 01.47	19.9589	292 24 59.79
0+80.0000	+62,601.7497	+240,003.3330	298 46 52.10	19.9589	305 08 56.41
1+00.0000	+62,613.2401	+239,987.0135	311 30 54.72	8.3556	314 10 33.00
1+08.3586	+62,619.0628	+239,981.0208	316 50 11.28		

EC 01-0 / EP 00-0 L= 04.3501

R1= 0.0000
A = 0.0000
R2= 0.0000

S T A.	X	Y	T	D	A
1+08.3586	+62,619.0628	+239,981.0208	316 50 11.28	11.6414	316 50 11.28
1+20.0000	+62,627.5541	+239,973.0571	316 50 11.28	20.0000	316 50 11.28
1+40.0000	+62,642.1421	+239,959.3755	316 50 11.28	20.0000	316 50 11.28
1+60.0000	+62,656.7302	+239,945.6938	316 50 11.28	12.7087	316 50 11.28
1+72.7087	+62,666.0000	+239,937.0000	316 50 11.28		

I.P NO. (

IP	+62,594.8931	+240,003.6840
AP1	+62,592.9875	+240,020.6676
AP2	+62,607.5642	+239,991.9925
S1	+62,594.3468	+240,021.0708
S	+62,600.1758	+240,006.3301
S2	+62,608.5005	+239,992.8406
C	+62,603.1286	+240,008.8132
O	+62,680.6303	+240,046.6672

R	+ 90.0000	
TL	33.1293	
D	62.1797	
M	5.5404	
SL	5.9039	
TL1,2	16.0336	
SL1,2	1.4179	
CL	63.4879	

IA	40 25 03.64
T1	276 25 07.63
T2	316 50 11.28

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 01-0	0+44.8707	+62,591.1944	+240,036.6056	+ 90.0000	0.0	+ 90.0000	63.4879	276 25 07.63
EC 01-0	1+08.3586	+62,619.0628	+239,981.0208					316 50 11.28

***** KIKUYU TOWN JUNCTION

C-LINE + CENTER

***** SUISEN ***** S-11265-I (FORM 13) PAGE 36

S T A.	X0	Y0	TO	S T A.	X	Y	T	D
0+00.0000	+62,586.1781	+240,081.1950	276 25 07.63	272+70.0000	+62,586.1781	+240,081.1950	6 25 07.63	-0.0000

NAME	M.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BC	0.00000	+62,557.34460	+240,069.14605	- 30.00000	0.00000	- 30.00000	47.12389	0 00	00.00	100
EC	+ 47.12389	+62,590.51018	+240,042.69795							

I.P NO. ()

IP	+62,597,1563	+240,072,4999
AP1	+62,569,6929	+240,070,5353
AP2	+62,589,1210	+240,055,0365
S1	+62,569,0082	+240,068,1602
S	+62,579,4069	+240,062,7859
S2	+62,586,9574	+240,053,8412
C	+62,573,9273	+240,055,9170
O	+62,560,6982	+240,039,3341

R	- 30.0000
TL	30.0000
D	42.4264
M	8.7868
SL	12.4264
TL,2	12.4264
SL,2	2.4718
CL	47.1239

IA	90 00 00.00
T1	6 25 07.63
T2	276 25 07.63

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC -	0.0000			+62,557,3444	+240,069,1460	- 30.0000	0.0	- 30.0000	47.1239	6 25 07.63
EC -	+ 47.1239			+62,590,5102	+240,042,6880					276 25 07.63

M.	X0	Y0	TO	S T A.	X	Y	T	D
0.0000	+62,557.3444	+240,069.1460	6 25 07.63	272+40.0000	+62,556.3662	+240,077.8412	6 25 07.63	-8.7500
+ 47.1239	+62,590.5102	+240,042.6880	276 25 07.63	272+70.0000	+62,586.1781	+240,081.1950	6 25 07.63	-38.7500

KIKUYU TOWN JUNCTION

M.	X0	Y0	TO	S T A.	X	Y	T	b
0.0000	+62,557.3444	+240,069.1460	6 25 07.63	0+08.7500	+62,587.1563	+240,072.4999	276 25 07.63	-30.0000
+ 47.1239	+62,590.5102	+240,042.6880	276 25 07.63	0+38.7500	+62,590.5102	+240,042.6880	276 25 07.63	-0.0000

NAME	M.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BC	-	0.00000	+62,616.96828	+240,075.85373	+30.00000	0.00000	47.12389	0	00 00.00	100
EC	-	+ 47.12389	+62,590.51013	+240,042.68795						

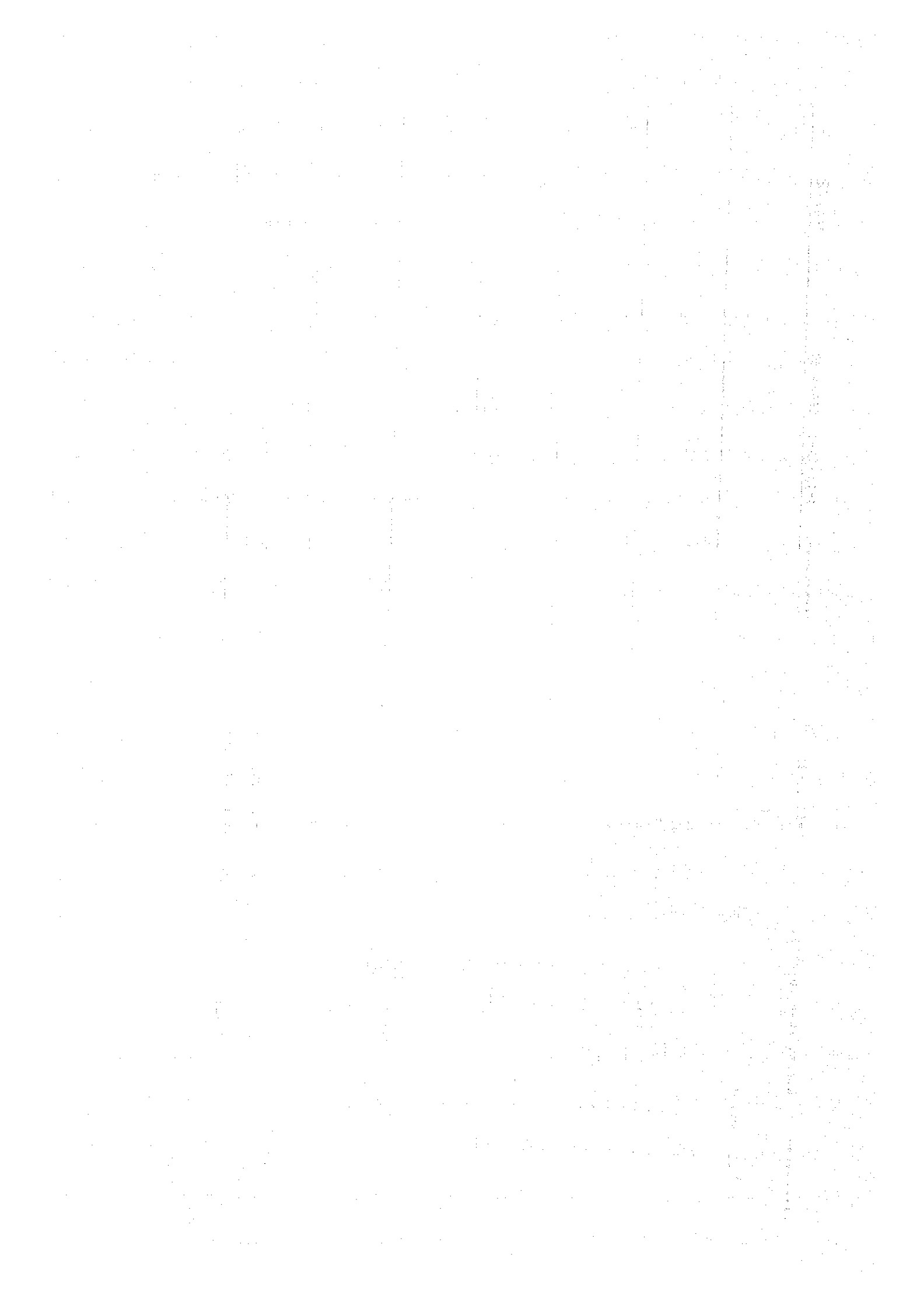
I.P. NO. ()

IP +62,587.1503 +240,072.4099
 AP1 +62,604.6198 +240,074.4645
 AP2 +62,589.1210 +240,055.0365
 S1 +62,605.8150 +240,072.3010
 S +62,596.8704 +240,064.7505
 S2 +62,591.4960 +240,054.3518
 C +62,603.7392 +240,059.2708
 O +62,620.5221 +240,046.0418

R + 30.0000
 TL 30.0000
 D 42.4264
 M 3.7868
 SL 12.4264
 TL1,2 12.4264
 SL1,2 2.4718
 CL 47.1239

IA 90 00 00.00
 T1 186 25 07.63
 T2 276 25 07.63

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC	-	0.0000		+62,616.9683	+240,075.8537	+ 30.0000	0.0	+ 30.0000	47.1239	186 25 07.63
EC	-	+ 47.1239		+62,590.5102	+240,042.6880					276 25 07.63



M.	X0	Y0	TO	S T A.	X	Y	T	D
0.0000	+62,616.9683	+240,075.8537	186 25 07.63	273+00.0000	+62,615.9901	+240,084.5489	6 25 07.63	-8.7500
+ 47.1239	+62,590.5102	+240,042.6880	276 25 07.63	272+70.0000	+62,586.1781	+240,081.1950	6 25 07.63	-38.7500

M.	X0	YO	TO	S T A.	X	Y	T	D
0.0000	+62,616.9683	+240,075.8537	196 25 07.63	0+08.7500	+62,587.1563	+240,072.4999	276 25 07.63	30.0000
+ 67.1239	+62,590.5102	+240,042.6830	276 25 07.63	0+38.7500	+62,590.5102	+240,042.6880	276 25 07.63	-0.0000

KIKUYU TOWN JUNCTION

D-LINE

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NAME	S T A.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
SP 00-0	0+00.00000	+62,656.00000	+239,937.00000	0.00000	0.00000	0.00000	182.30981	0.00	00.00	0
BC 01-0	1+82.30981	+62,804.34702	+240,055.73065	- 160.00000	0.00000	- 160.00000	95.55385	0.00	00.00	100
EC 01-0	2+77.86366	+62,890.66108	+240,093.31059	0.00000	0.00000	0.00000	305.70244	0.00	00.00	0
BC 02-0	5+83.56610	+63,194.44717	+240,127.48652	+ 250.00000	0.00000	+ 250.00000	90.94126	0.00	00.00	100
EC 02-0	6+74.50736	+63,281.00958	+240,153.68703	0.00000	0.00000	0.00000	94.02124	0.00	00.00	0
EP 00-0	7+68.52860	+63,364.58781	+240,196.75293							

BP 00-0 / EC 01-0 L= 182.3098

R1= 0.0000
 A = 0.0000
 R2= 0.0000

S T A.	X	Y	T	D	A
0+00.0000	+62,666.0000	+239,937.0000	40 38 11.36	20.0000	40 38 11.36
0+20.0000	+62,681.1771	+239,950.0252	40 38 11.36	20.0000	40 38 11.36
0+40.0000	+62,696.5543	+239,963.0503	40 38 11.36	20.0000	40 38 11.36
0+60.0000	+62,711.5314	+239,976.0755	40 38 11.36	20.0000	40 38 11.36
0+80.0000	+62,726.7085	+239,989.1006	40 38 11.36	20.0000	40 38 11.36
1+00.0000	+62,741.8857	+240,002.1258	40 38 11.36	20.0000	40 38 11.36
1+20.0000	+62,757.0628	+240,015.1509	40 38 11.36	20.0000	40 38 11.36
1+40.0000	+62,772.2399	+240,028.1761	40 38 11.36	20.0000	40 38 11.36
1+60.0000	+62,787.4171	+240,041.2012	40 38 11.36	20.0000	40 38 11.36
1+80.0000	+62,802.5942	+240,054.2264	40 38 11.36	2.3098	40 38 11.36
1+82.3098	+62,804.3470	+240,055.7307	40 38 11.36		

BC 01-0 / EC 01-0 L= 95.5538

R1= 160.0000
 A = 0.0000
 R2= 160.0000

S T A.	X	Y	T	D	A
1+82.3098	+62,804.3470	+240,055.7307	40 38 11.36	17.6812	37 28 08.66
2+00.0000	+62,818.3803	+240,066.4867	34 18 05.96	19.9870	30 43 14.41
2+20.0000	+62,835.5624	+240,076.6971	27 08 22.86	19.9870	23 33 31.31
2+40.0000	+62,853.8835	+240,084.6657	19 58 59.76	19.9870	16 23 48.21
2+60.0000	+62,873.0576	+240,090.3277	12 48 56.66	17.8544	9 37 02.15
2+77.9637	+62,890.6611	+240,093.3106	6 25 07.63		