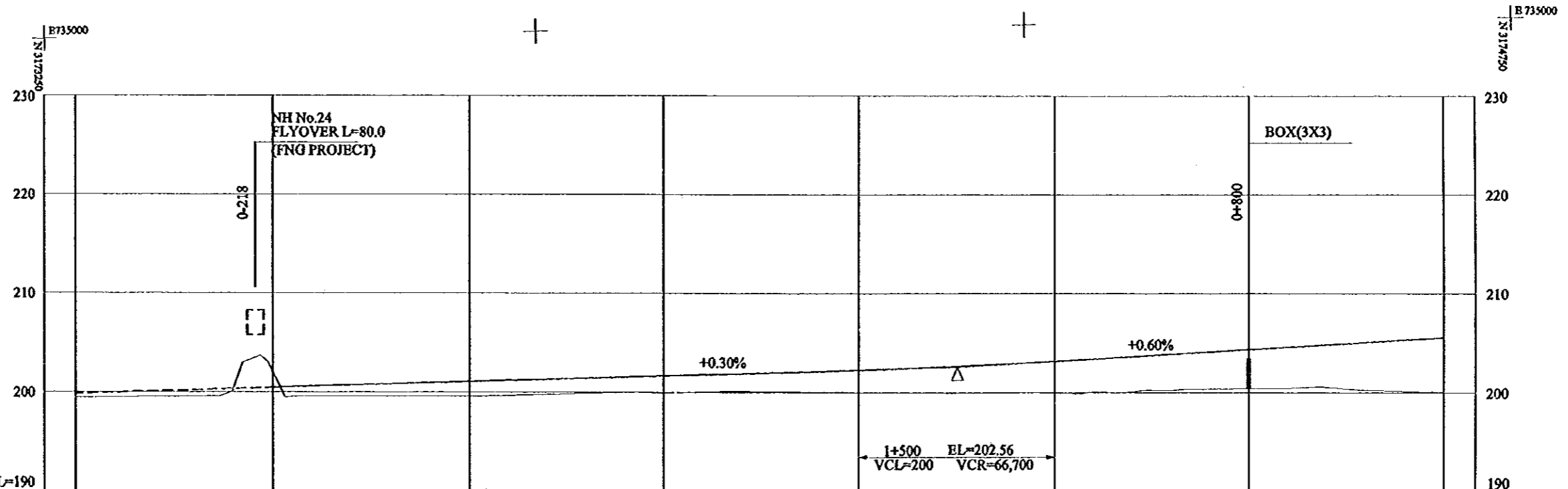
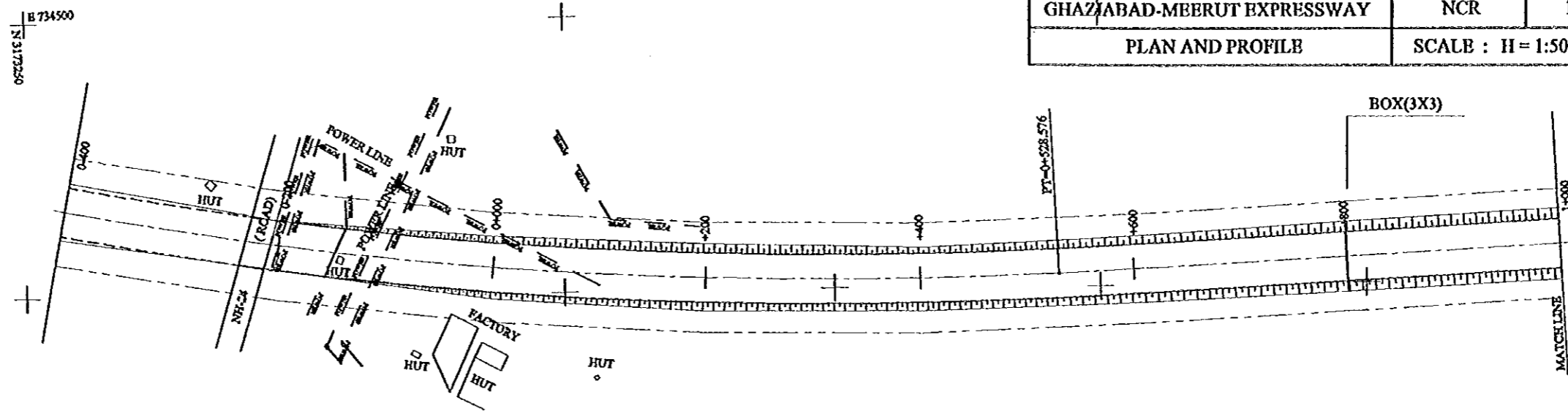


PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD-MEERUT EXPRESSWAY	NCR	1/26	035
PLAN AND PROFILE		SCALE : H = 1:5000, V = 1:500	

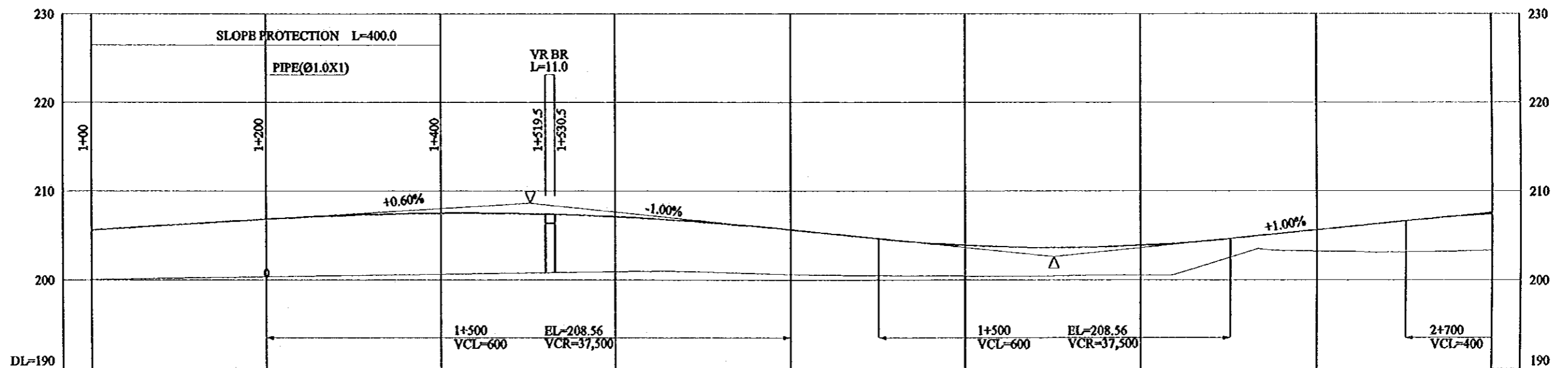
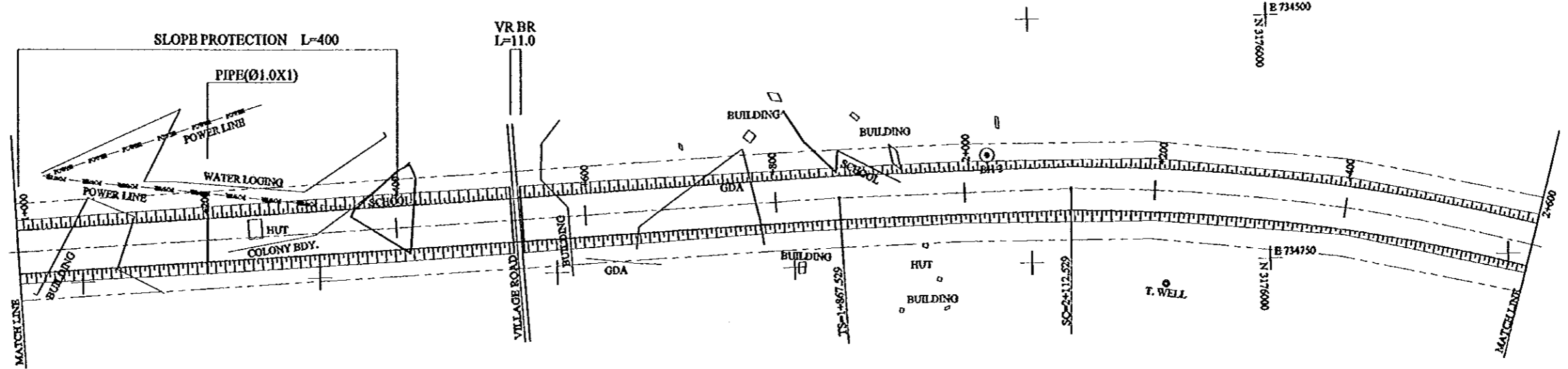


FINISHED GRADE	199.86	200.46	201.06	201.66	202.26	203.16	204.36	205.56
GROUND LEVEL	199.48	201.99	199.55	199.88	200.04	200.18	200.36	200.02
STATION No.(KM)	0+400	0+200	0+000	+200	+400	+600	+800	1+000
HORIZONTAL ALIGNMENT	LT CURVE R=4000 L=1326.449				TANGENT L=1338.953			
SUPER ELEVATION	i=2.0%				i=2.0%			

GH/2/ABAD-MEERUT EXPRESSWAY/1:5000/1/26/035/1/26/035/035



PROJECT	STATE / REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD-MBRUT EXPRESSWAY	NCR	2/26	036
PLAN AND PROFILE	SCALE : H = 1:5000, V = 1:500		

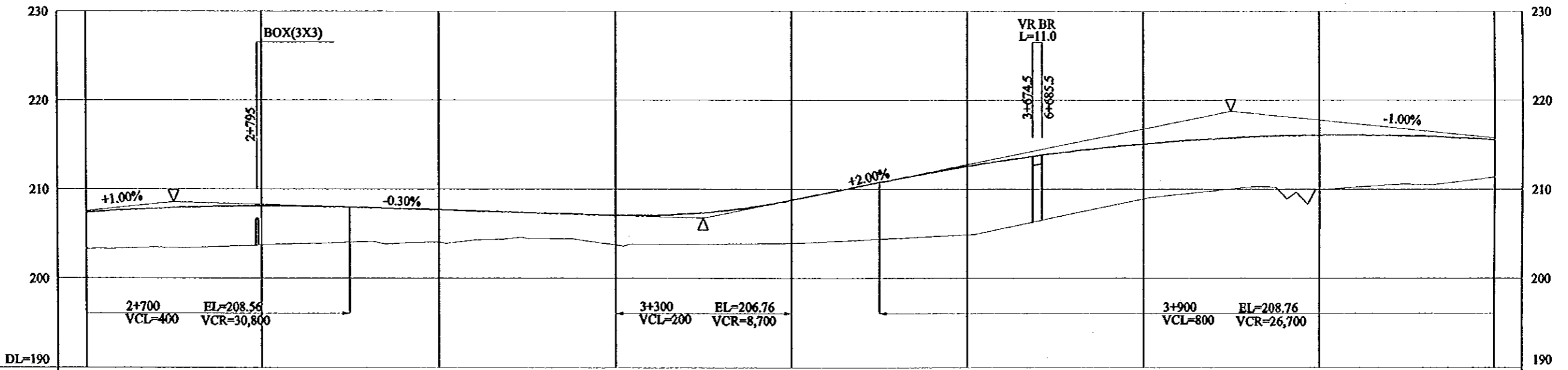
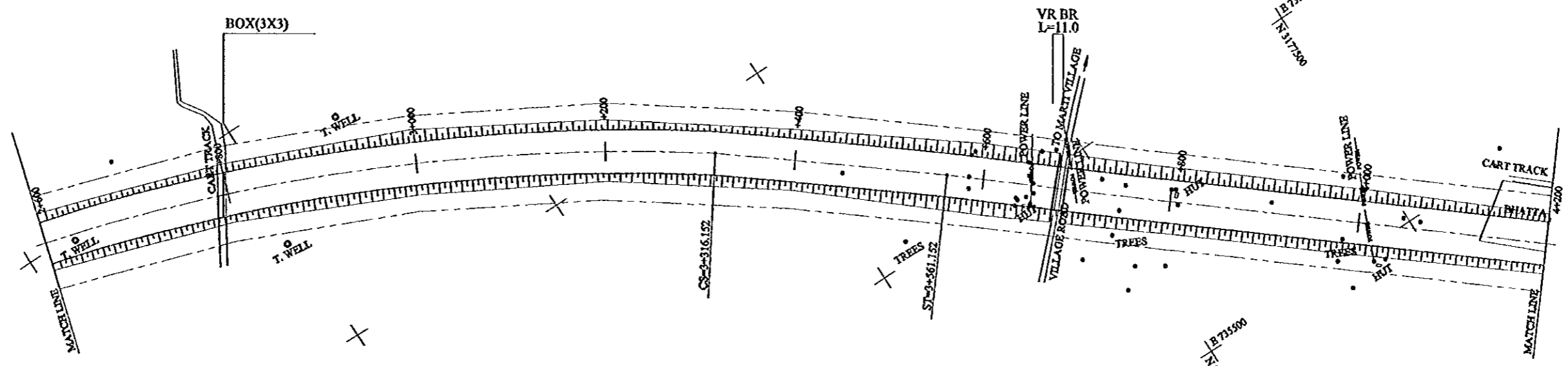


FINISHED GRADE	205.56	206.76	207.43	207.03	205.56	203.81	203.81	205.56	207.40
GROUND LEVEL	200.02	200.32	200.61	201.08	200.60	200.33	200.37	203.16	203.17
STATION No.(KM)	1+000	1+200	1+400	1+600	1+800	2+000	2+200	2+400	2+600
HORIZONTAL ALIGNMENT	TANGENT L=1338.953				SPIRAL A=700 L=245			RT CURVE R=2000 L=1,203.628	
SUPER ELEVATION					i=2.0%		i=3.0%		

GHAZIABAD-MBRUT EXPRESSWAY L=Ø1.0X1 L=Ø1.0X1 L=Ø1.0X1 L=Ø1.0X1 L=Ø1.0X1 L=Ø1.0X1 L=Ø1.0X1 L=Ø1.0X1 L=Ø1.0X1 L=Ø1.0X1



PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD-MEERUT EXPRESSWAY	NCR	3/26	037
PLAN AND PROFILE		SCALE : H = 1:5000, V = 1:500	

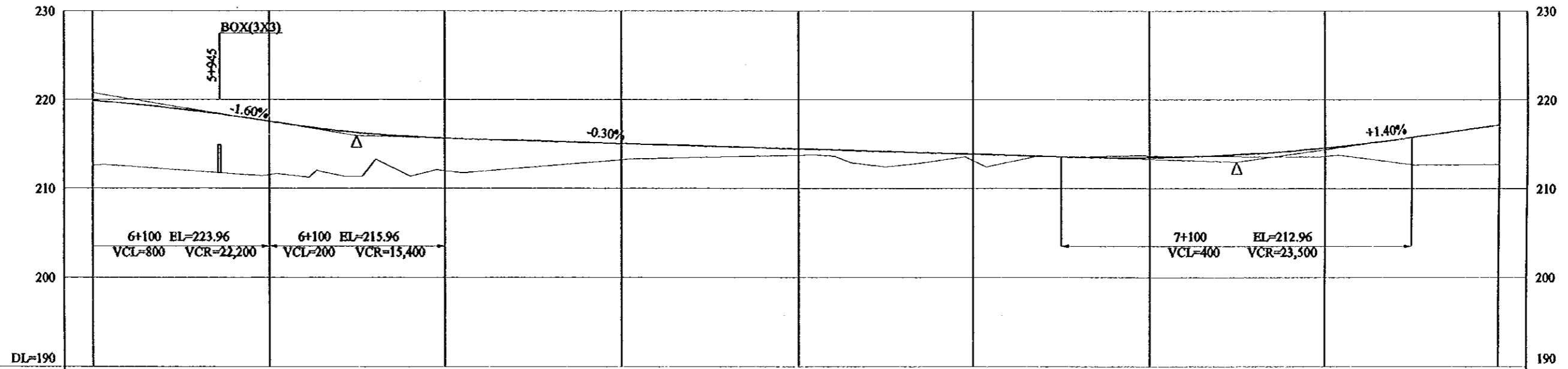
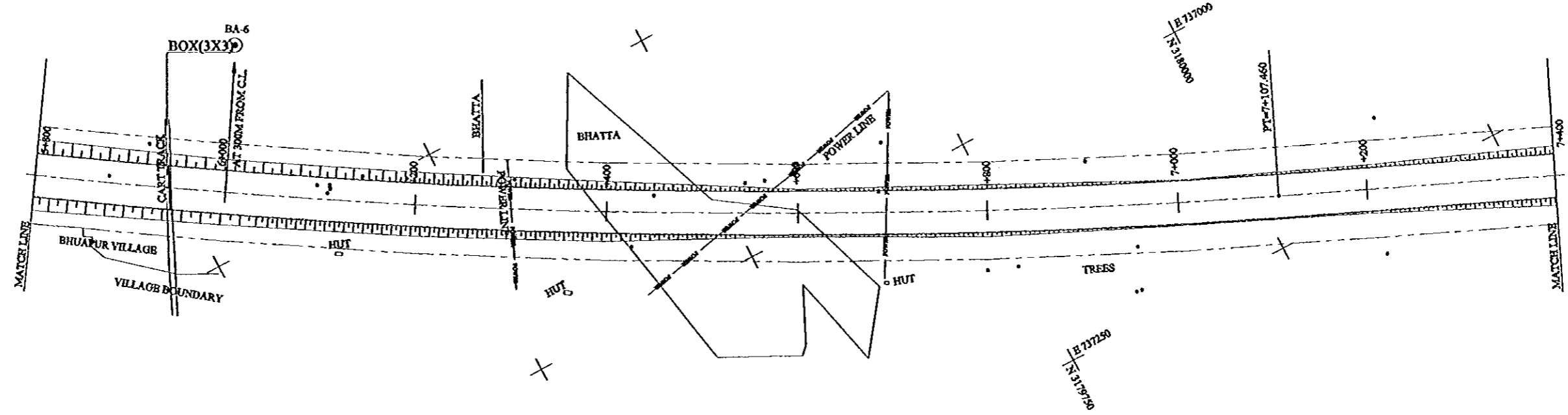


FINISHED GRADE	2+600	2+800	3+000	3+200	3+400	3+600	3+800	4+000	4+200
GROUND LEVEL	203.17	203.92	204.09	203.65	203.85	204.85	209.02	209.87	211.43
STATION No.(KM)	2+600	+800	3+000	+200	+400	+600	+800	4+000	4+200
HORIZONTAL ALIGNMENT				RT CURVE R=2000 L=1203.623		SPIRAL A=700 L=245		TANGENT L=1518.858	
SUPER ELEVATION	i=3.0%			i=3.0%		i=2.0%		i=2.0%	

GHAZIABAD-MEERUT EXPRESSWAY L=11.00 10 41202004_P=0000.DWG



PROJECT	STATB/REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD-MBRUT EXPRESSWAY	NCR	5/26	039
PLAN AND PROFILE		SCALE : H = 1:5000, V = 1:500	

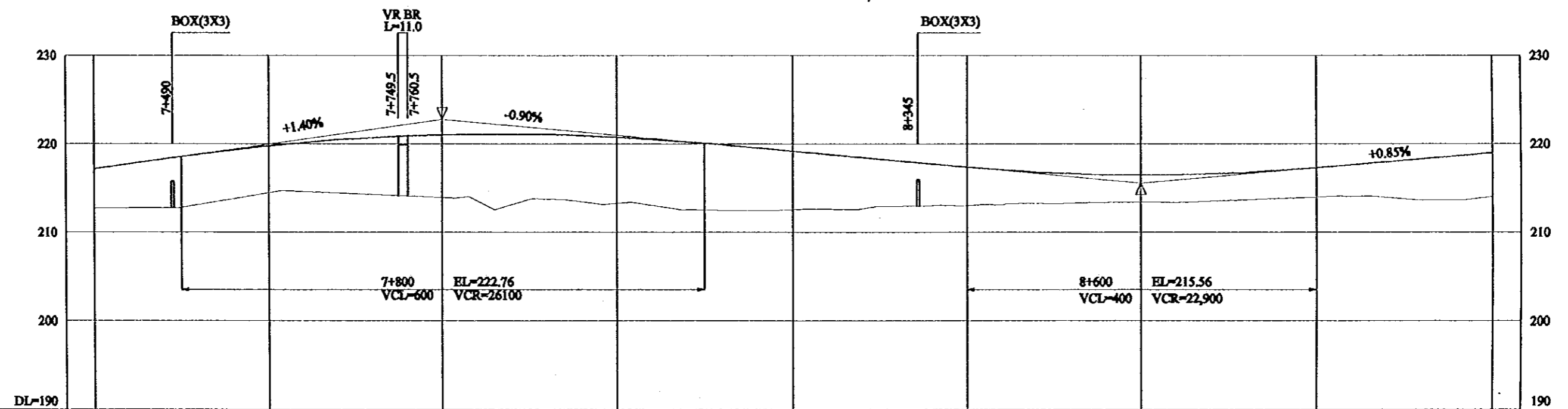
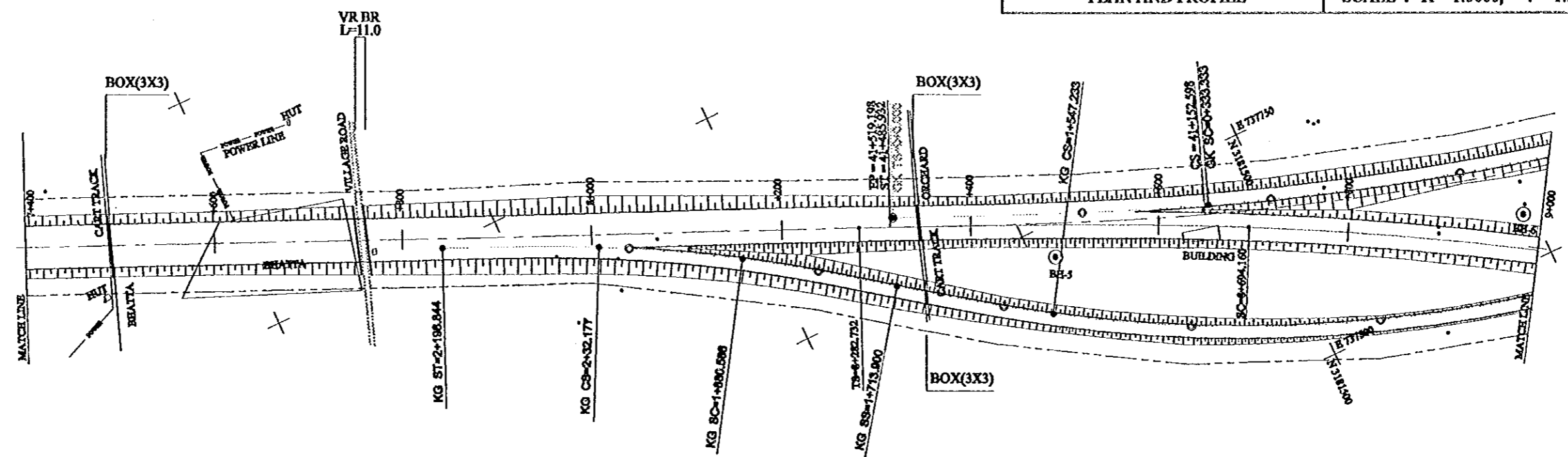


FINISHED GRADE	5+800	6+000	6+200	6+400	6+600	6+800	7+000	7+200	7+400
	219.86	217.56	215.66	215.06	214.46	213.86	213.47	214.57	217.16
GROUND LEVEL	211.10	211.49	211.71	212.25	213.64	212.40	213.56	213.72	212.68
STATION No.(KM)	5+800	6+000	6+200	6+400	6+600	6+800	7+000	7+200	7+400
HORIZONTAL ALIGNMENT	LT CURVE R=7500 L=2027.45						TANGENT L=1175.272		
SUPER ELEVATION	f=2.0%								

GHAZIABAD-MBRUT EXPRESSWAY L=800 to 7+4000 C:\pib\dwg



PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD-MEERUT EXPRESSWAY	NCR	6/26	040
PLAN AND PROFILE	SCALE : H = 1:5000, V = 1:500		

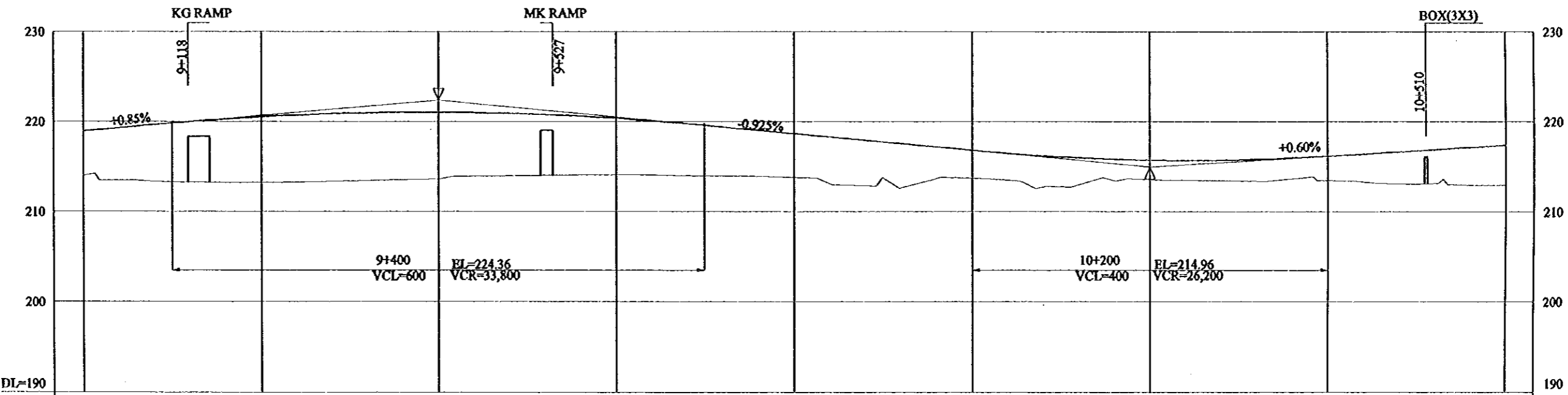
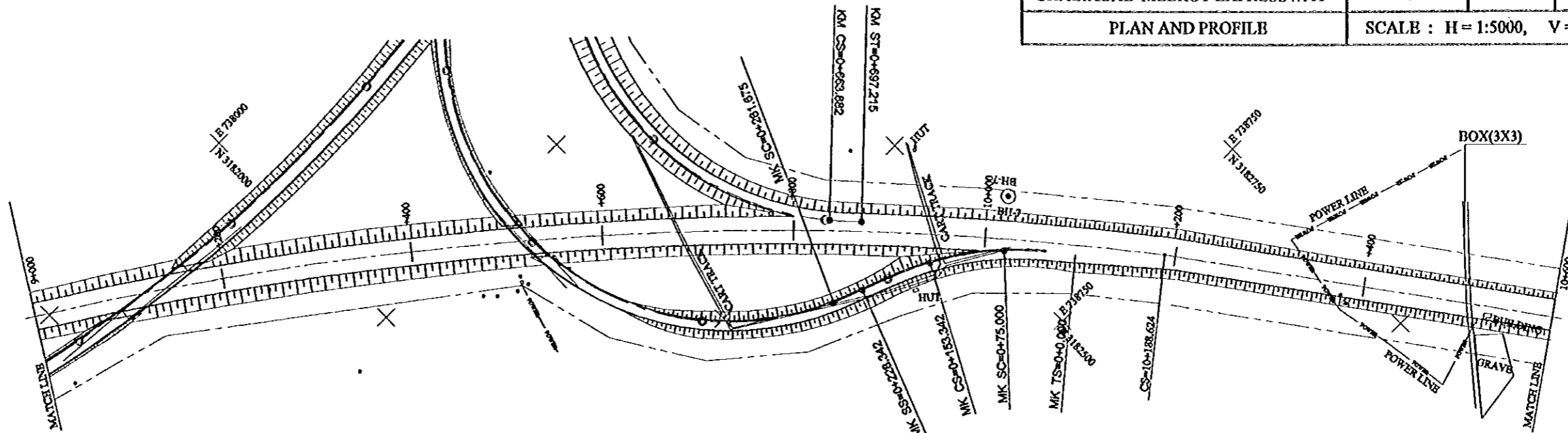


FINISHED GRADE	7+400	7+600	7+800	8+000	8+200	8+400	8+600	8+800	9+000
GROUND LEVEL	212.68	214.65	213.80	212.80	212.59	213.07	213.32	214.11	213.44
STATION No.(KM)	7+400	7+600	7+800	8+000	8+200	8+400	8+600	8+800	9+000
HORIZONTAL ALIGNMENT	TANGENT L=1175.272				SPIRAL A=1200 L=411.428			RT CURVE R=3500 L=1494.964	
SUPER ELEVATION					-2.0%		-2.0%		

GHAZIABAD-MEERUT EXPRESSWAY (1:5000) SHEET NO. 6/26 OF 40



PROJECT	STATE / REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD-MEERUT EXPRESSWAY	NCR	7/26	041
PLAN AND PROFILE		SCALE : H = 1:5000, V = 1:500	

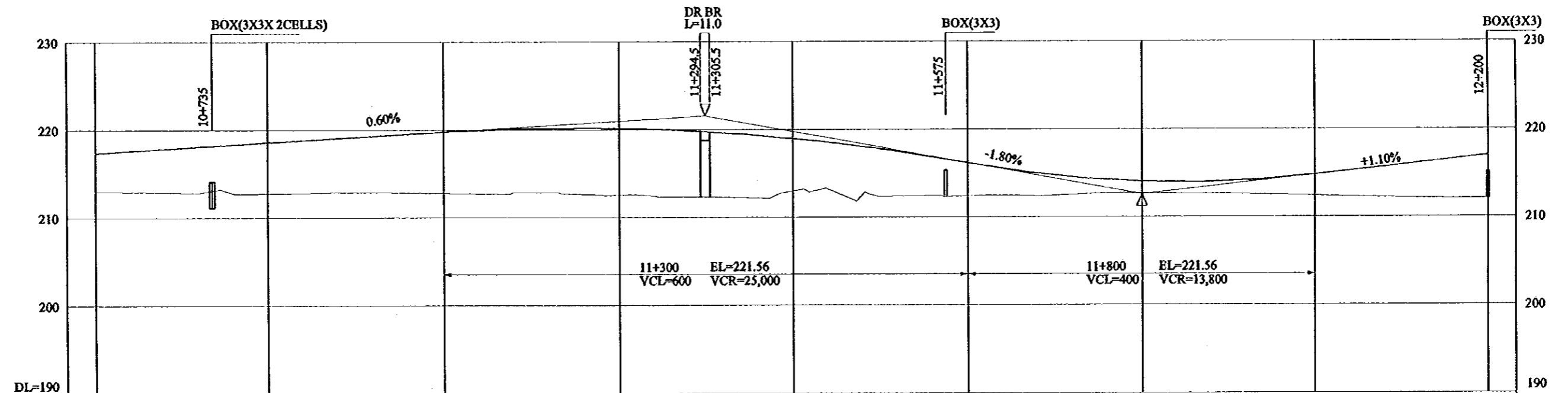
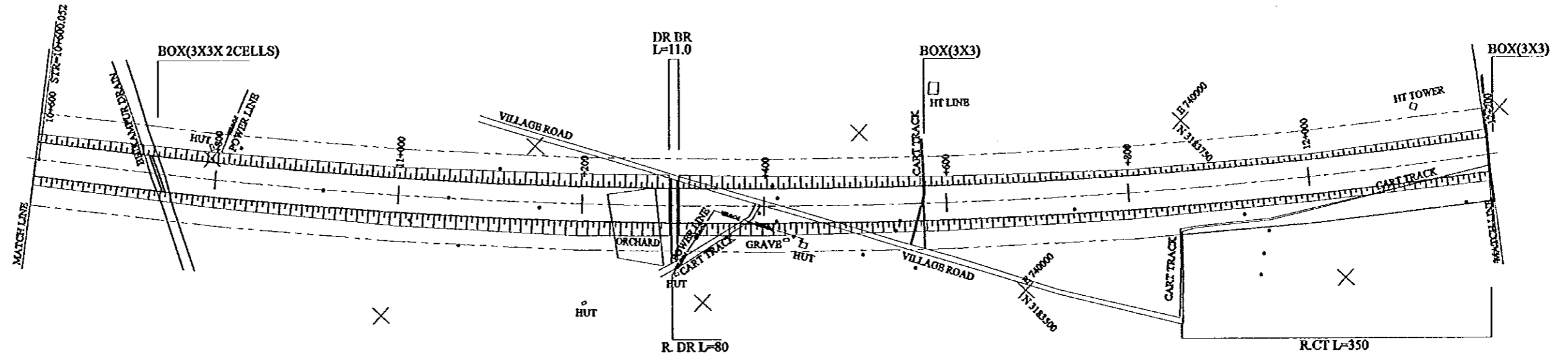


FINISHED GRADE	9+000	9+200	9+400	9+600	9+800	10+000	10+200	10+400	10+600
	218.96	220.51	221.03	220.36	218.66	216.81	215.72	216.16	217.36
GROUND LEVEL	213.44	213.17	213.84	214.7	213.72	213.60	213.41	213.33	212.92
STATION No.(KM)	9+000	9+200	9+400	9+600	9+800	10+000	10+200	10+400	10+600
HORIZONTAL ALIGNMENT	RT CURVE R=3500 L=1,494.464				SPIRAL A=1200 L=411.428				
SUPER ELEVATION	i=-2.0%				i=-2.0%				

GHAZIABAD-MEERUT EXPRESSWAY L=0801 19/000 to 10+000000 7/26/2010



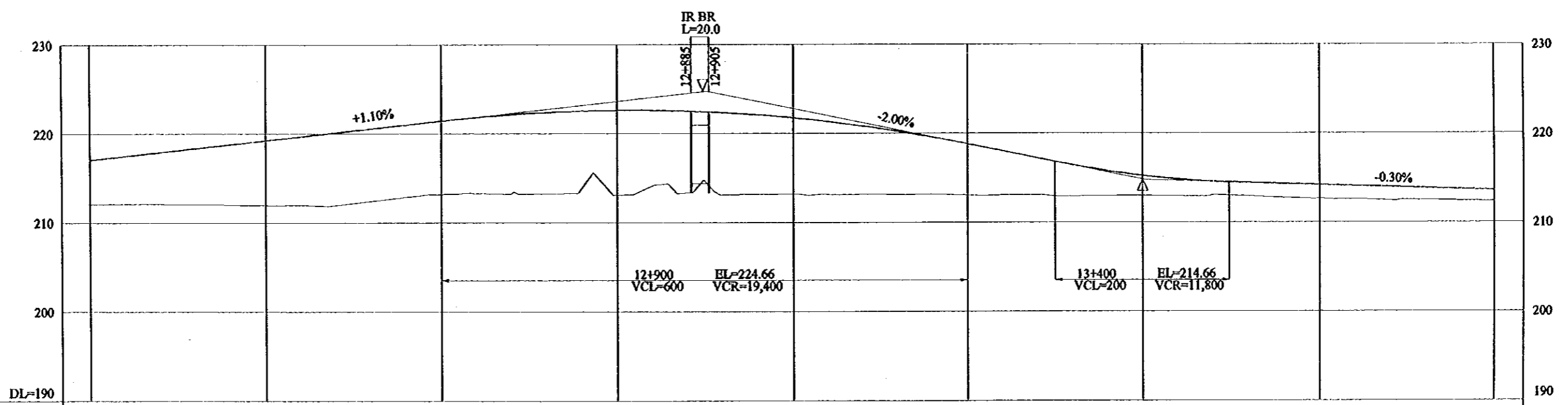
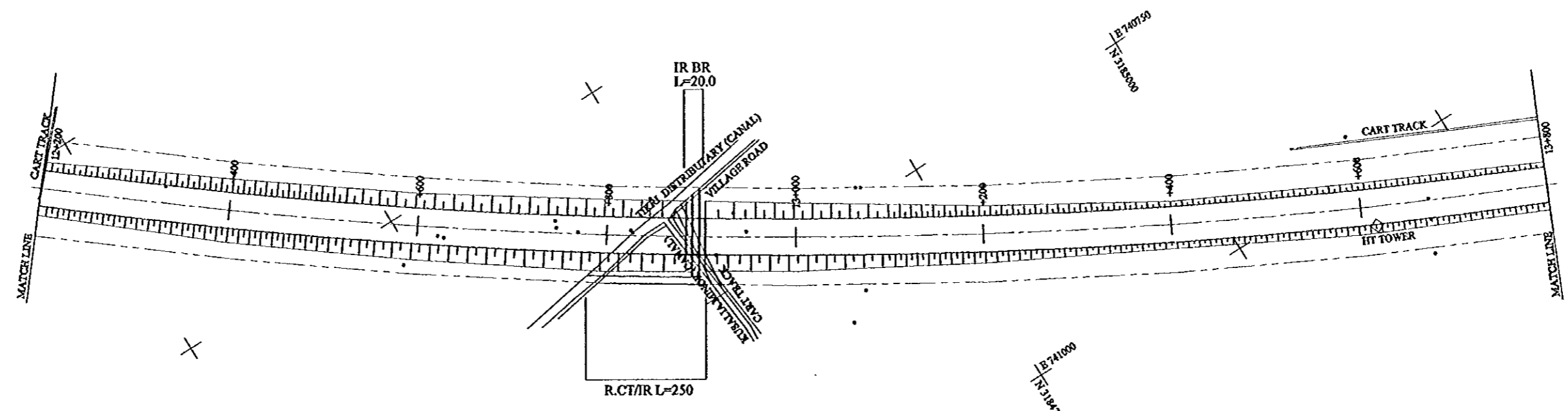
PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD-MEERUT EXPRESSWAY	NCR	8/26	042
PLAN AND PROFILE	SCALE : H = 1:5000, V = 1:500		



FINISHED GRADE	10+600	10+800	11+000	11+200	11+400	11+600	11+800	12+000	12+200
	217.36	218.56	219.76	220.16	218.96	216.16	214.01	214.76	216.96
GROUND LEVEL	212.92	212.86	213.03	212.51	212.84	212.42	212.52	212.28	212.38
STATION No.(KM)	10+600	10+800	11+000	11+200	11+400	11+600	11+800	12+000	12+200
HORIZONTAL ALIGNMENT	LT CURVE R=6000 L=3,417.053								
SUPER ELEVATION	i=-2.0%								

GHAZIABAD-MEERUT EXPRESSWAY L=3417.053 R=6000

PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD-MBERUT EXPRESSWAY	NCR	9/26	043
PLAN AND PROFILE	SCALE : H = 1:5000, V = 1:500		

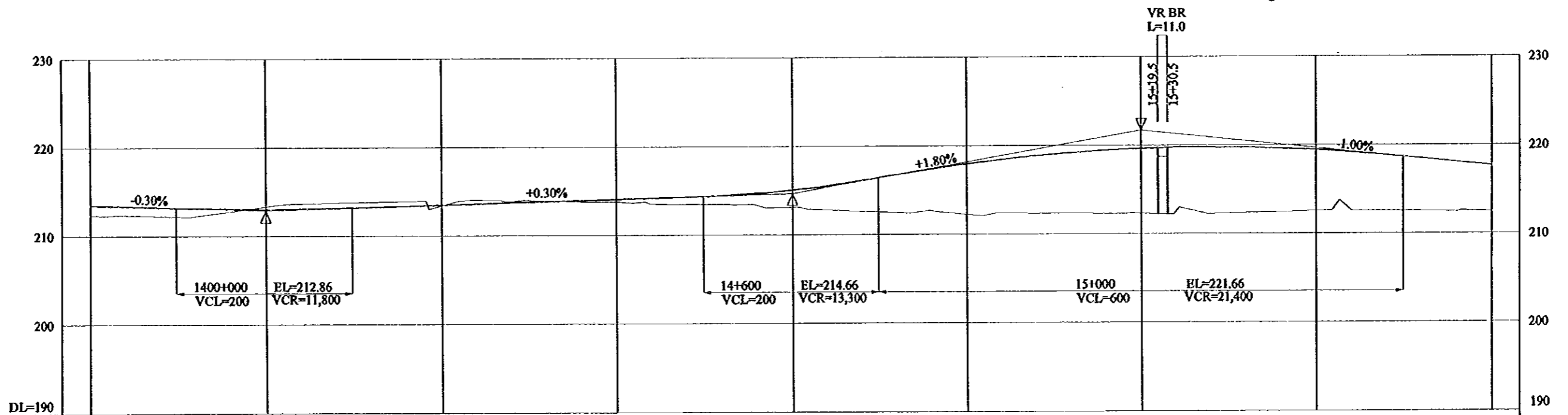
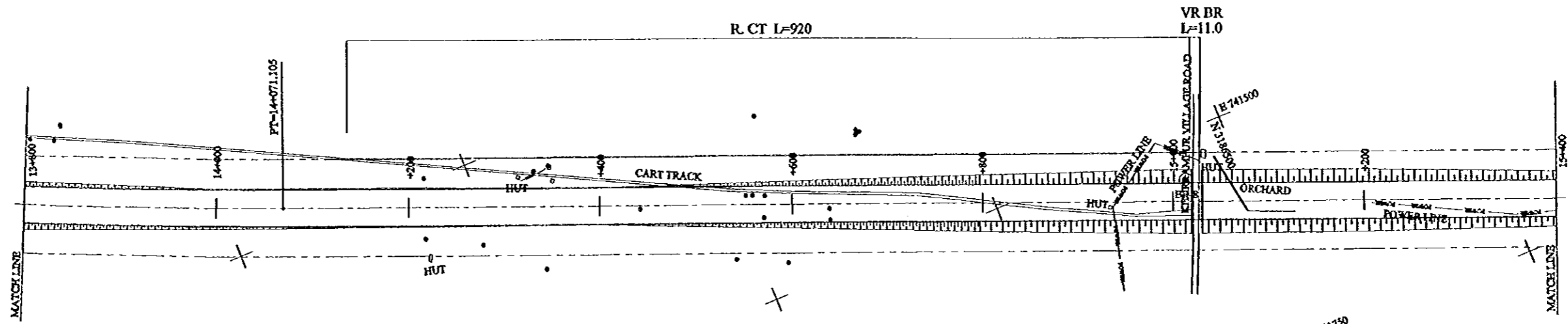


FINISHED GRADE	12+200	12+400	12+600	12+800	13+000	13+200	13+400	13+600	13+800
	216.96	219.16	221.36	222.53	221.63	218.66	215.09	214.06	213.45
GROUND LEVEL	212.38	211.88	213.27	213.06	213.00	213.00	212.89	212.53	212.24
STATION No.(KM)	12+200	12+400	12+600	12+800	13+000	13+200	13+400	13+600	13+800
HORIZONTAL ALIGNMENT	LT CURVE R=6000				L=3,471.053				
SUPER ELEVATION					±2.0%				

GHAZIABAD-MBERUT EXPRESSWAY, L=SEC 12+200 to 13+800, L=2000, P=0.0000



PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD-MBRUT EXPRESSWAY	NCR	10/26	044
PLAN AND PROFILE		SCALE : H = 1:5000, V = 1:500	

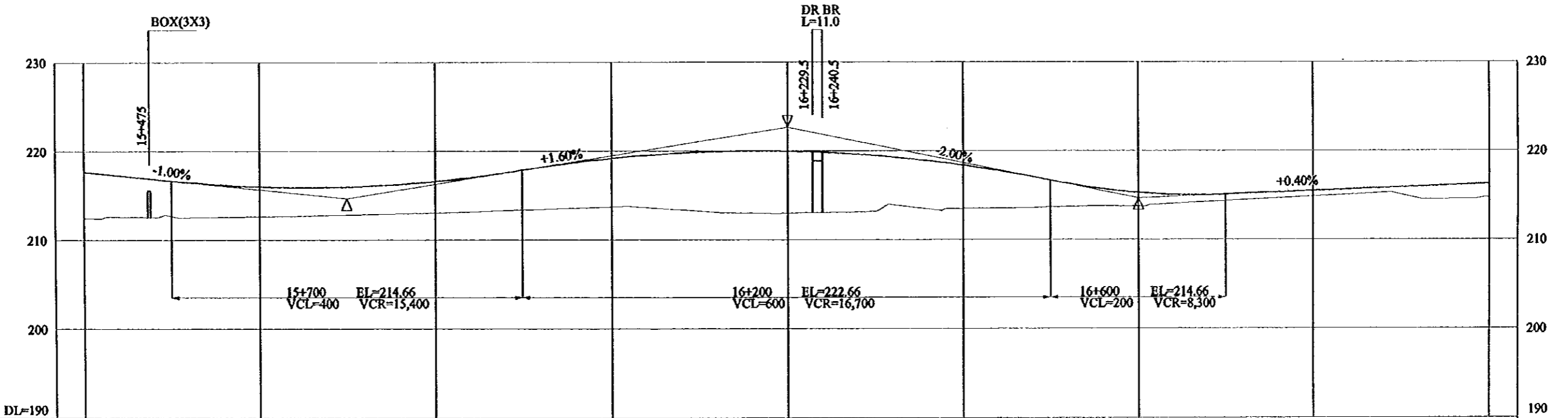
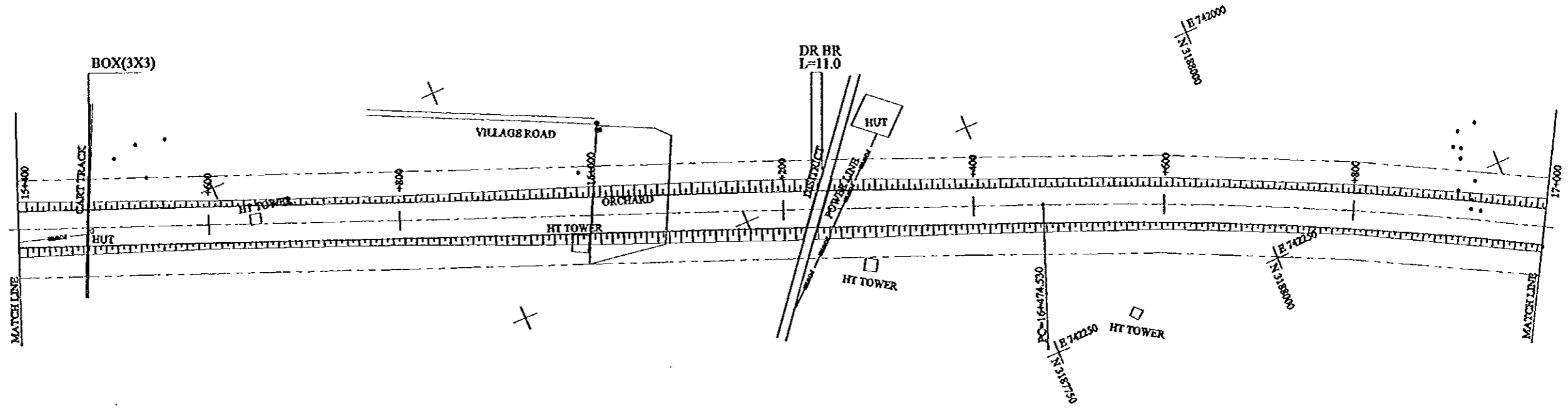


FINISHED GRADE	13+800	14+000	14+200	14+400	14+600	14+800	15+000	15+200	15+400
	213.46	213.01	213.46	214.06	215.04	217.83	219.56	219.43	217.66
GROUND LEVEL	212.24	213.51	213.84	213.57	212.80	212.02	212.19	212.49	212.36
STATION No.(KM)	13+800	14+000	14+200	14+400	14+600	14+800	15+000	15+200	15+400
HORIZONTAL ALIGNMENT	LT CURVE R=6000 L=3,471.053				TANGENT L=2,403.425				
SUPER ELEVATION	f=-2.0%		f=-2.0%		f=-2.0%				

GHAZIABAD-MBRUT EXPRESSWAY 10/26 10/26 10/26 10/26 10/26 10/26 10/26 10/26 10/26 10/26



PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD-MBERUT EXPRESSWAY	NCR	11/26	045
PLAN AND PROFILE	SCALE : H = 1:5000, V = 1:500		

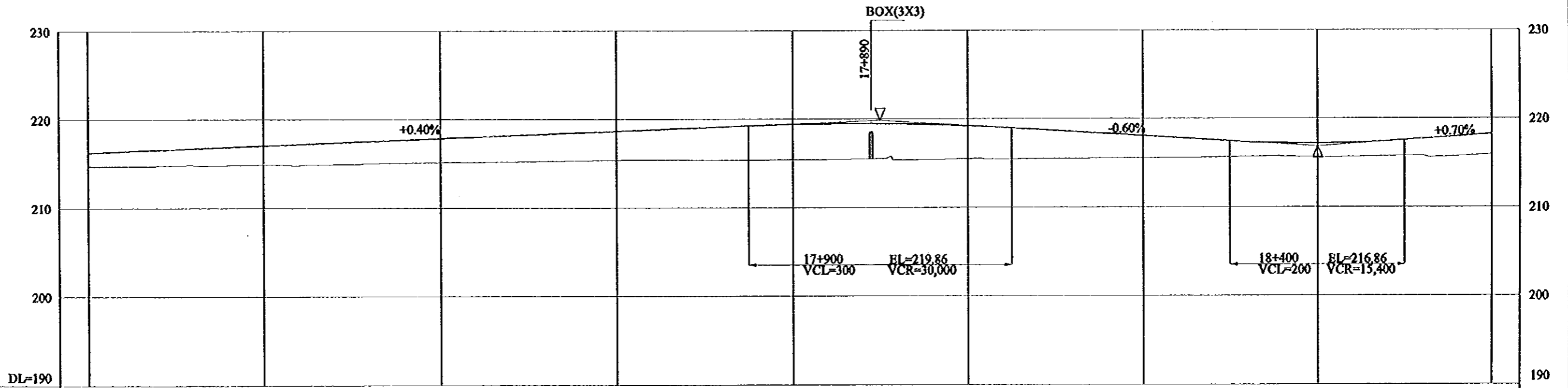
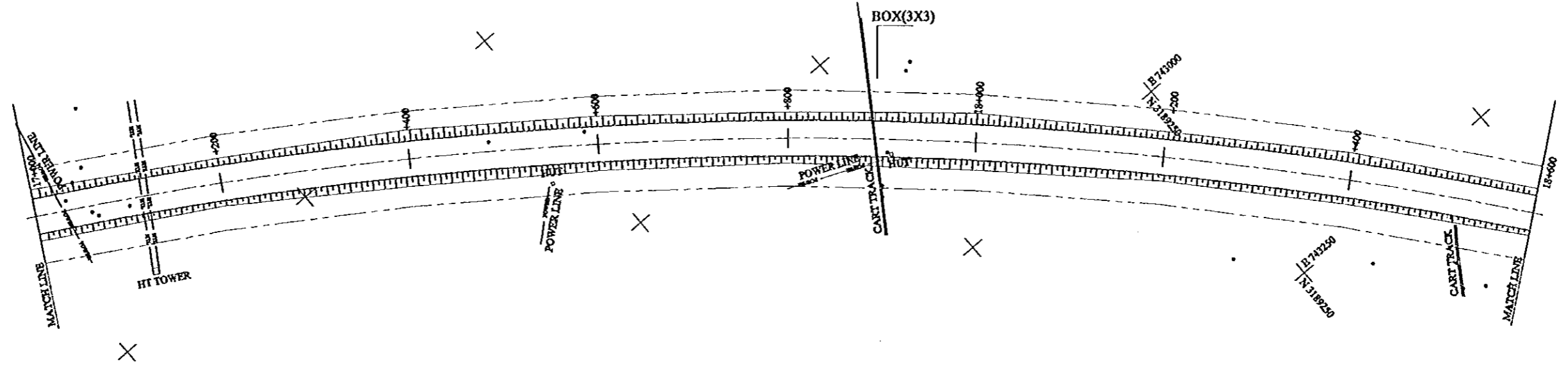


FINISHED GRADE	217.66	215.99	216.59	219.16	219.96	218.36	215.26	215.46	216.26	
GROUND LEVEL	212.36	212.61	213.05	213.45	213.45	213.45	213.90	214.27	214.66	
STATION No.(KM)	15+400	+600	+800	16+000	+200	+400	+600	+800	17+000	
HORIZONTAL ALIGNMENT	TANGENT L=2403.425						RT CURVB R=4000 L=3,513.295			
SUPER ELEVATION	i=2.0%					f=2.0%				

GHAZIABAD-MBERUT EXPRESSWAY L=SEC 10-000 to 0+00000 L=plan.dwg



PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD-MEERUT EXPRESSWAY	NCR	12/26	046
PLAN AND PROFILE		SCALE : H = 1:5000, V = 1:500	

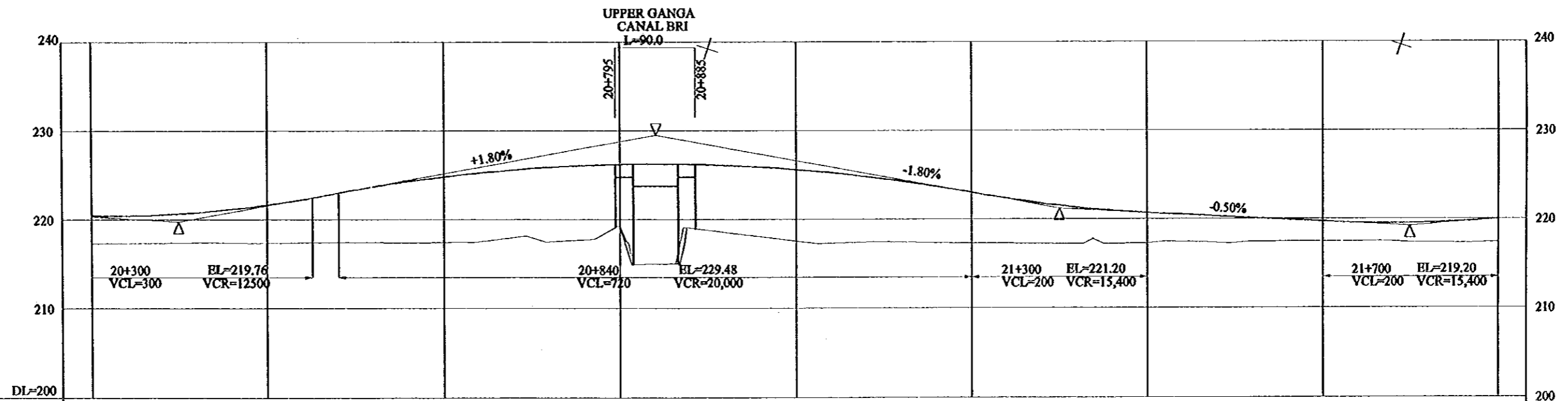
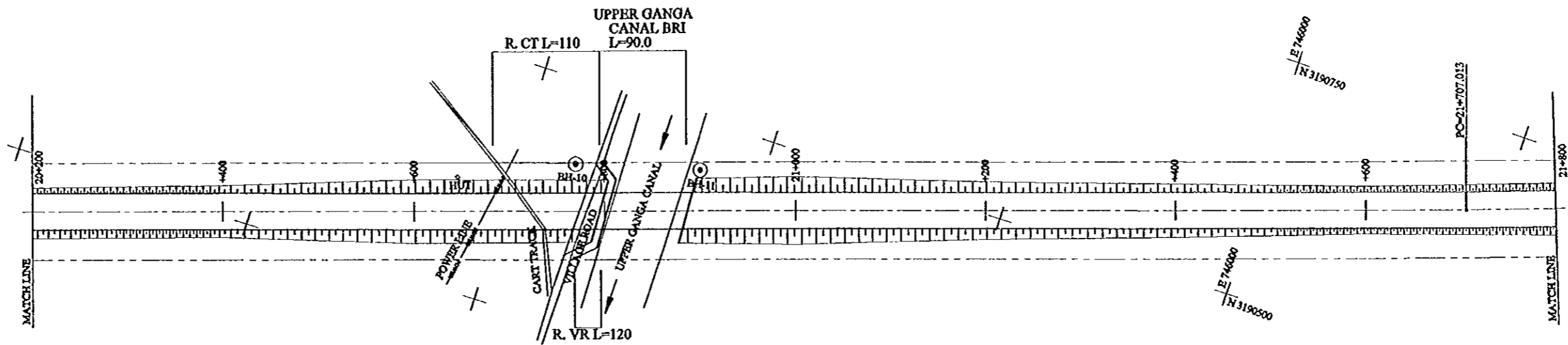


FINISHED GRADE	17+000	17+200	17+400	17+600	17+800	18+000	18+200	18+400	18+600
	216.26	217.06	217.86	218.66	219.42	219.22	218.06	217.19	218.26
GROUND LEVEL	214.66	214.84	215.10	215.37	215.38	215.39	215.47	215.58	215.93
STATION No.(KM)	17+000	17+200	17+400	17+600	17+800	18+000	18+200	18+400	18+600
HORIZONTAL ALIGNMENT	RT CURVE R=4000 L=3,513.295								
SUPER ELEVATION	i=-2.0%								
	i=2.0%								

GHAZIABAD-MEERUT EXPRESSWAY L-SEC 17+000 to 18+60000_046.dwg



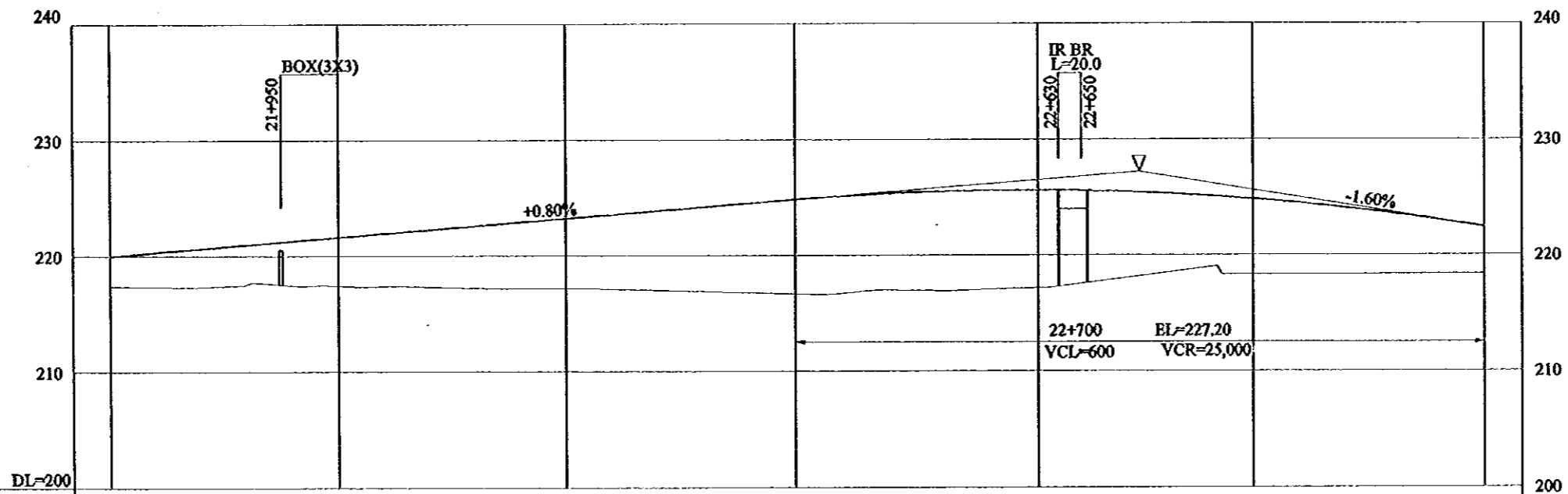
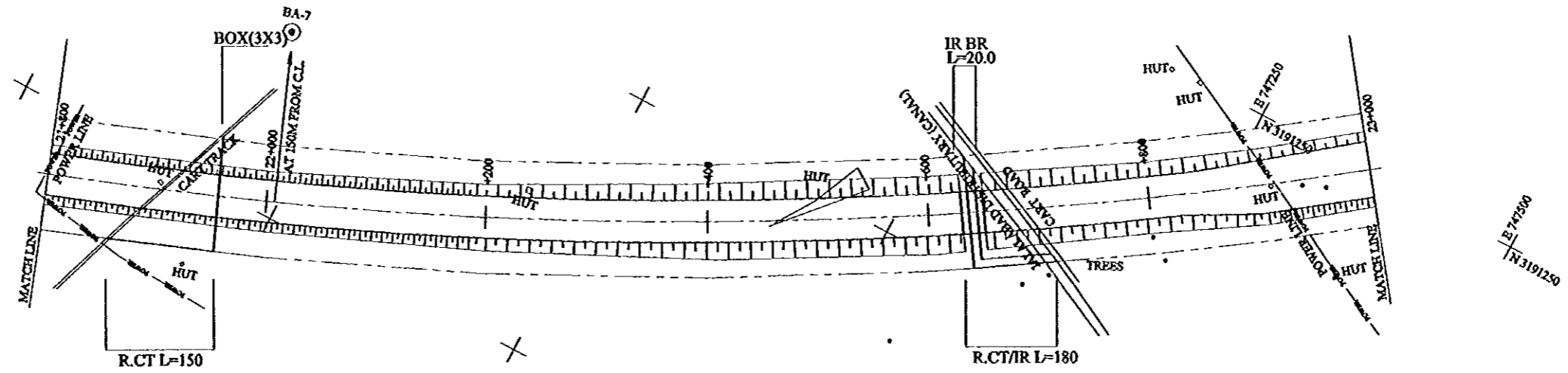
PROJECT	STATB/REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD-MERUT EXPRESSWAY	NCR	14/26	048
PLAN AND PROFILE	SCALE : H = 1:5000, V = 1:500		



FINISHED GRADE	20+200	20+400	20+600	20+800	21+000	21+200	21+400	21+600	21+800
GROUND LEVEL	217.28	217.32	217.48	219.10	217.21	217.25	217.42	217.43	217.29
STATION No.(KM)	20+200	20+400	20+600	20+800	21+000	21+200	21+400	21+600	21+800
HORIZONTAL ALIGNMENT	TANGENT L=1,719.188								
SUPER ELEVATION	i=2.0%								



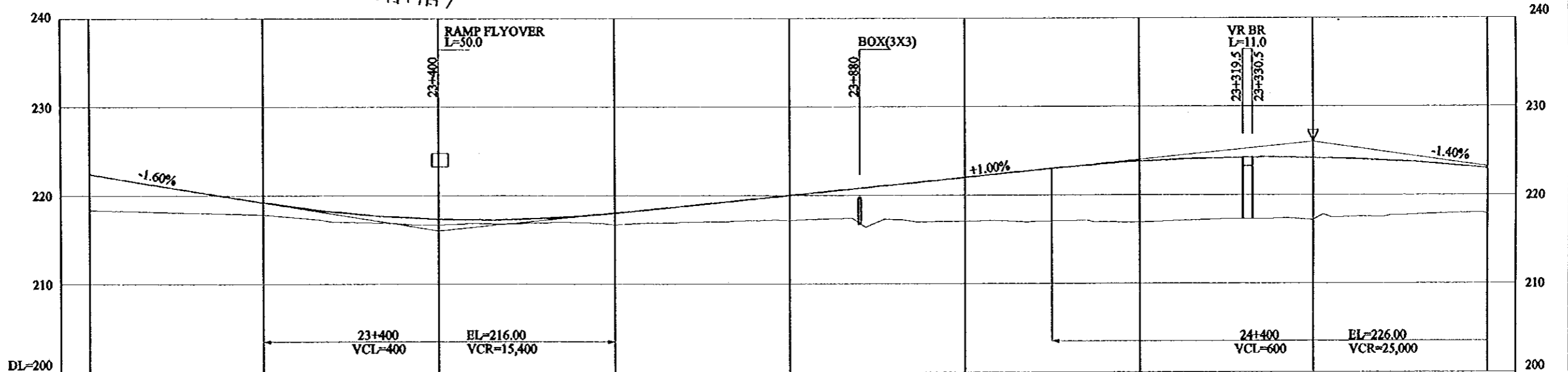
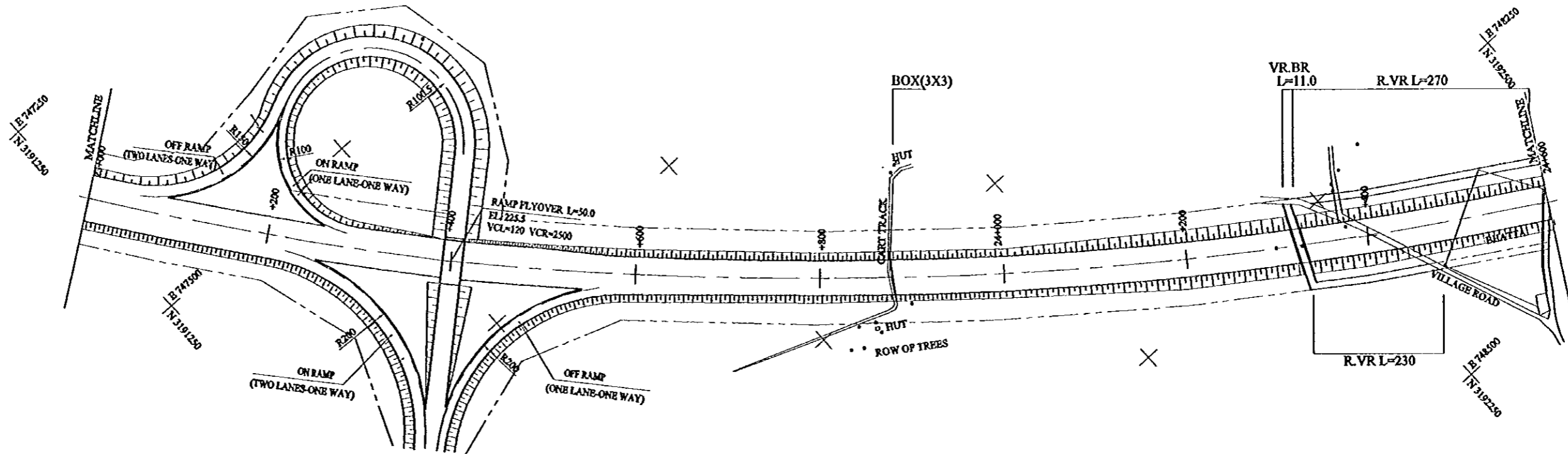
PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD-MBHERUT EXPRESSWAY	NCR	15/26	049
PLAN AND PROFILE		SCALE : H = 1:5000, V = 1:500	



FINISHED GRADE	220.00	221.60	223.20	224.80	225.60	224.80	222.40
GROUND LEVEL	217.29	217.28	217.10	216.54	217.13	218.23	218.33
STATION No.(KM)	+800	22+000	+200	+400	+600	+800	23+000
HORIZONTAL ALIGNMENT	LT CURVE R=4000 L=3200						
SUPER ELEVATION	i=-2.0%						



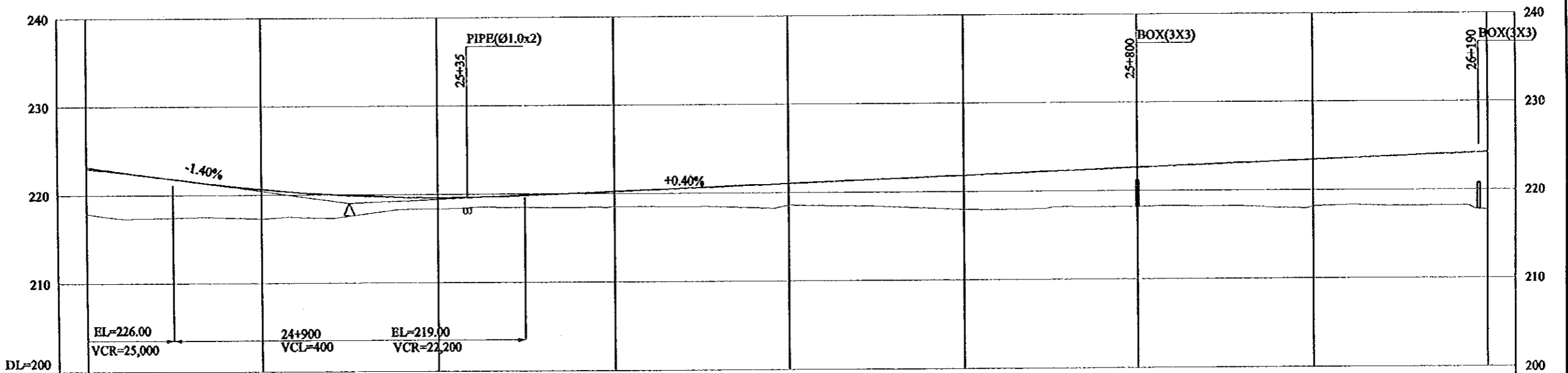
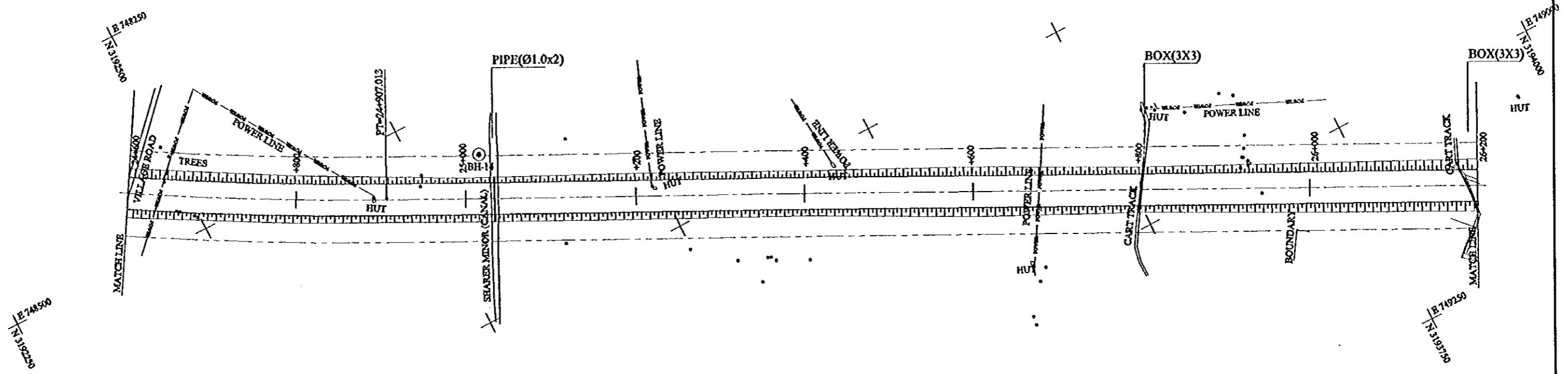
PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD - MEERUT EXPRESSWAY	NCR	16/26	050
PLAN AND PROFILE	SCALE : H = 1:5000, V = 1:500		



FINISHED GRADE	222.40	219.20	217.30	218.00	220.00	222.00	223.80	224.20	223.00
GROUND LEVEL	218.33	217.83	216.65	216.64	217.14	217.03	216.86	217.13	217.87
STATION No.(KM)	23+000	23+200	23+400	23+600	23+800	24+000	24+200	24+400	24+600
HORIZONTAL ALIGNMENT			LT CURVE R=4000		L=3200				
SUPER ELEVATION			i=-2.0%		i=2.0%				



PROJECT	STATB/REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD-MBERRUT EXPRESSWAY	NCR	17/26	051
PLAN AND PROFILE	SCALE : H = 1:5000, V = 1:500		

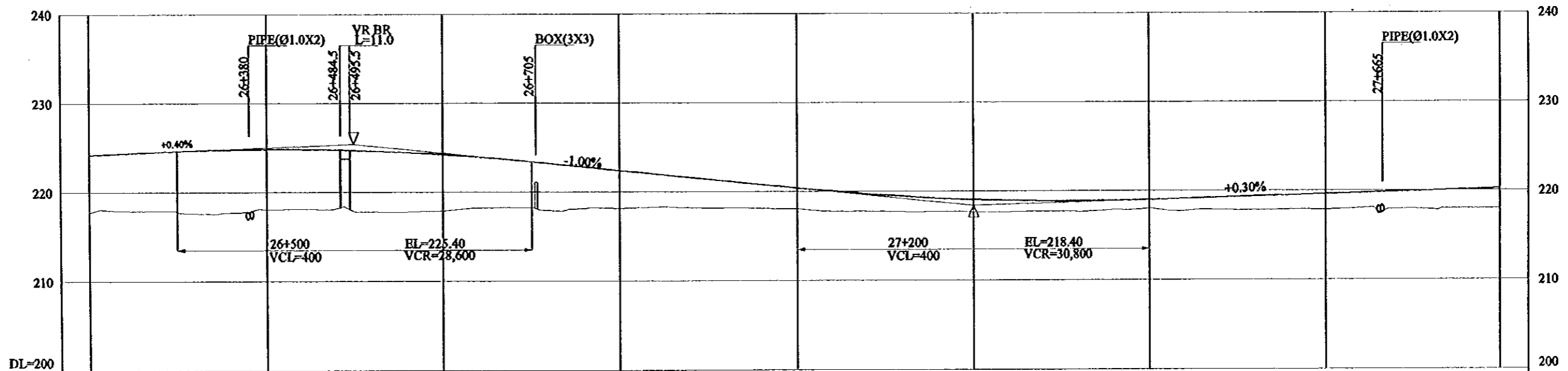
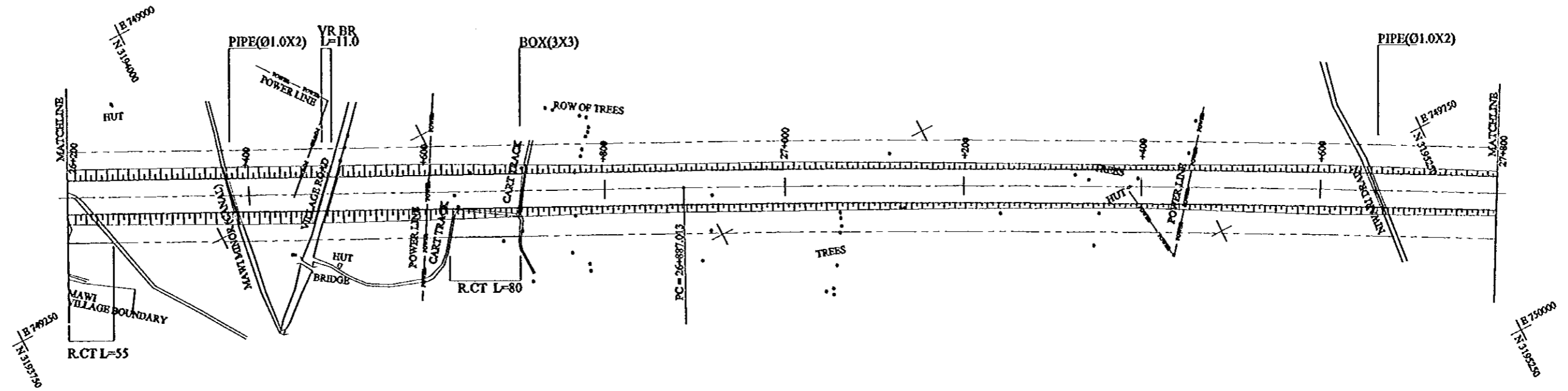


FINISHED GRADE	24+600	24+800	25+000	25+200	25+400	25+600	25+800	26+000	26+200
GROUND LEVEL	217.87	217.26	218.30	218.47	218.55	217.94	218.15	218.11	217.71
STATION No.(KM)	24+600	24+800	25+000	25+200	25+400	25+600	25+800	26+000	26+200
HORIZONTAL ALIGNMENT	TANGENT L=1980								
SUPER ELEVATION	i=-2.0%								

GHAZIABAD-MBERRUT EXPRESSWAY L.S. NO. 17/26 FROM STA. 24+600 TO 26+200 (PLAN & PROFILE)

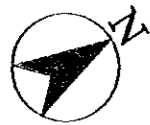


PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD - MEERUT EXPRESSWAY	NCR	18/26	052
PLAN AND PROFILE	SCALE : H = 1:5000, V = 1:500		

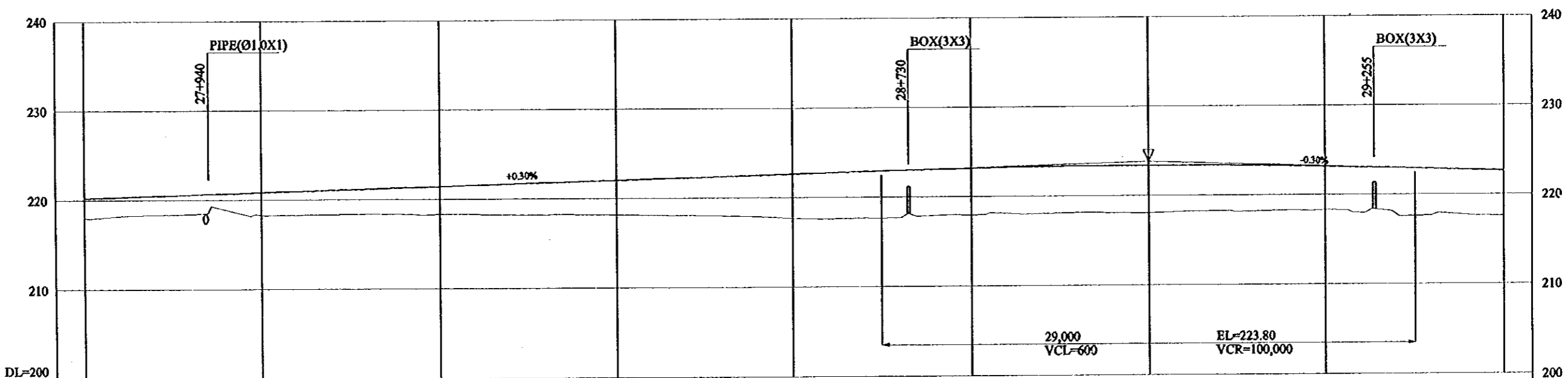
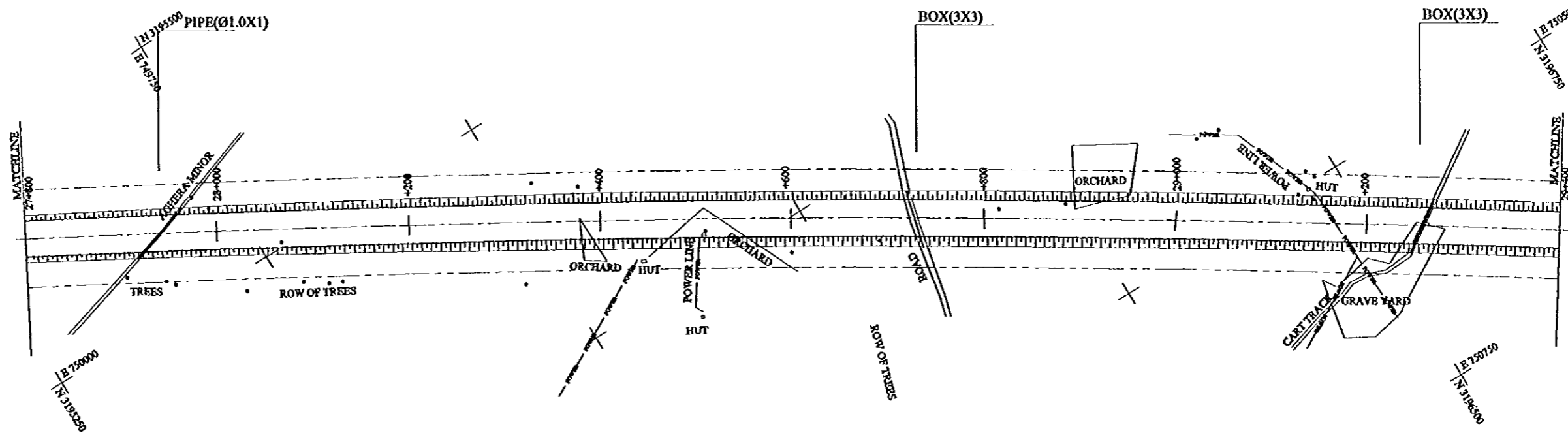


FINISHED GRADE	26+200	26+400	26+600	26+800	27+000	27+200	27+400	27+600	27+800
GROUND LEVEL	217.71	218.06	217.86	218.14	218.03	217.62	218.02	217.85	217.96
STATION No.(KM)	26+200	26+400	26+600	26+800	27+000	27+200	27+400	27+600	27+800
HORIZONTAL ALIGNMENT	TANGENT L=1980				RT CURVE R=20,000 L=6,300				
SUPER ELEVATION	i=2.0%								

GHAZIABAD - MEERUT EXPRESSWAY 1:5000 PLAN AND PROFILE

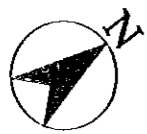


PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD - MEERUT EXPRESSWAY	NCR	19/26	053
PLAN AND PROFILE		SCALE : H = 1:5000, V = 1:500	

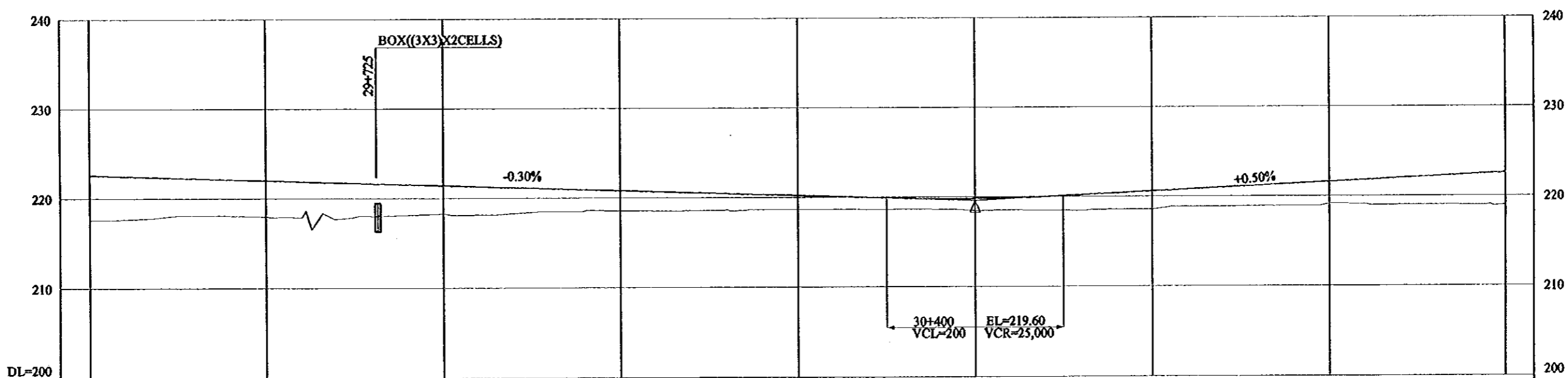
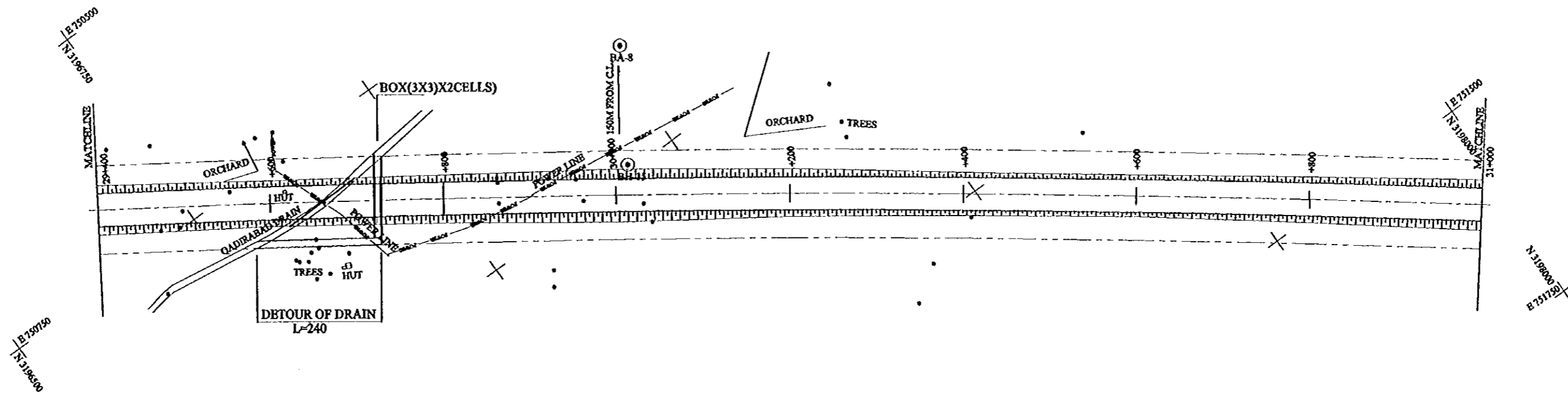


FINISHED GRADE	27+800	28+000	28+200	28+400	28+600	28+800	29+000	29+200	29+400
GROUND LEVEL	217.96	218.20	218.29	218.14	217.65	217.92	218.05	218.27	217.59
STATION No.(KM)	27+800	28+000	28+200	28+400	28+600	28+800	29+000	29+200	29+400
HORIZONTAL ALIGNMENT	RT CURVE R=20,000 L=6300								
SUPER ELEVATION	i=2.0%								

GHAZIABAD - MEERUT EXPRESSWAY (1:5000) 27+800 TO 29+400 (1:500) 19/26



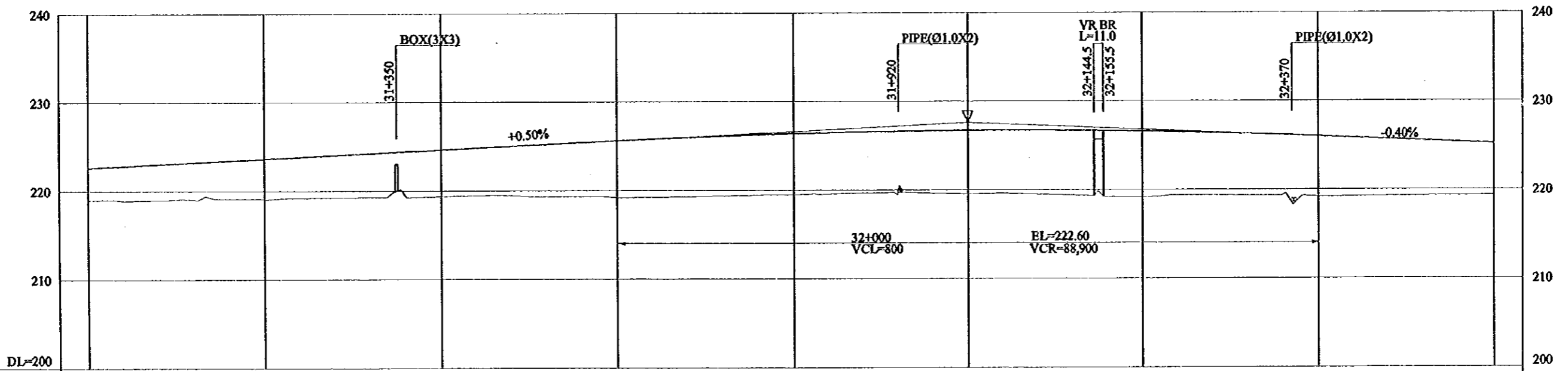
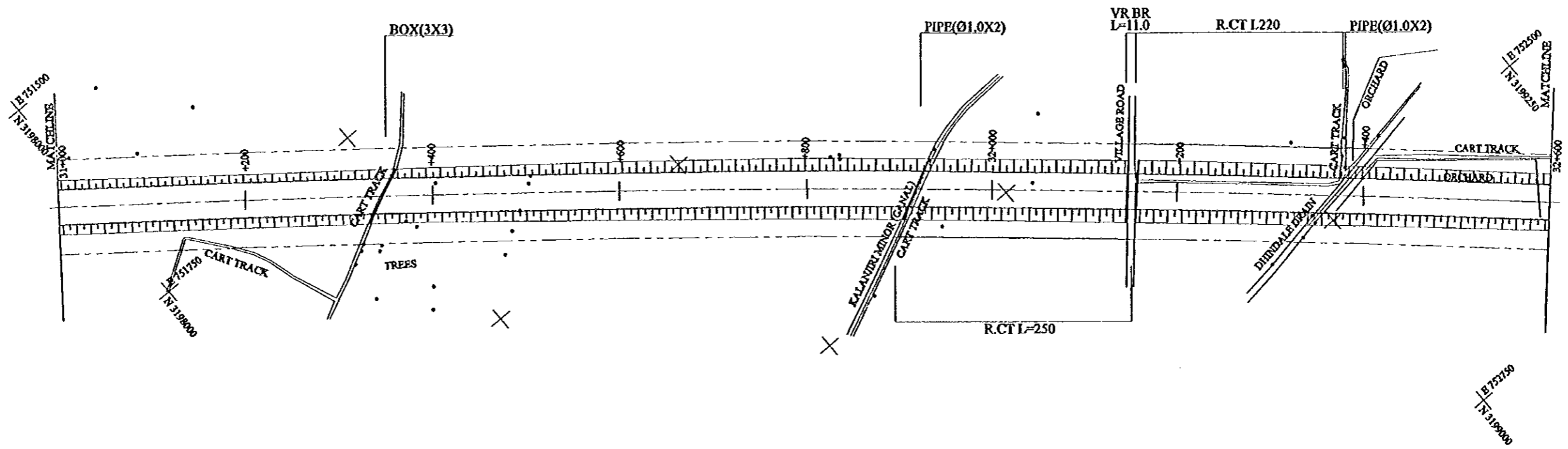
PROJECT	STATE / REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD - MBERUT EXPRESSWAY	NCR	20/26	054
PLAN AND PROFILE	SCALE : H = 1:5000, V = 1:500		



FINISHED GRADE	29+400	30+000	30+600	31+000
GROUND LEVEL	217.59	217.98	218.25	218.97
STATION No.(KM)	29+400	30+000	30+600	31+000
HORIZONTAL ALIGNMENT	RT CURVE R=20,000 L=6,300			
SUPER ELEVATION	i=2.0%			



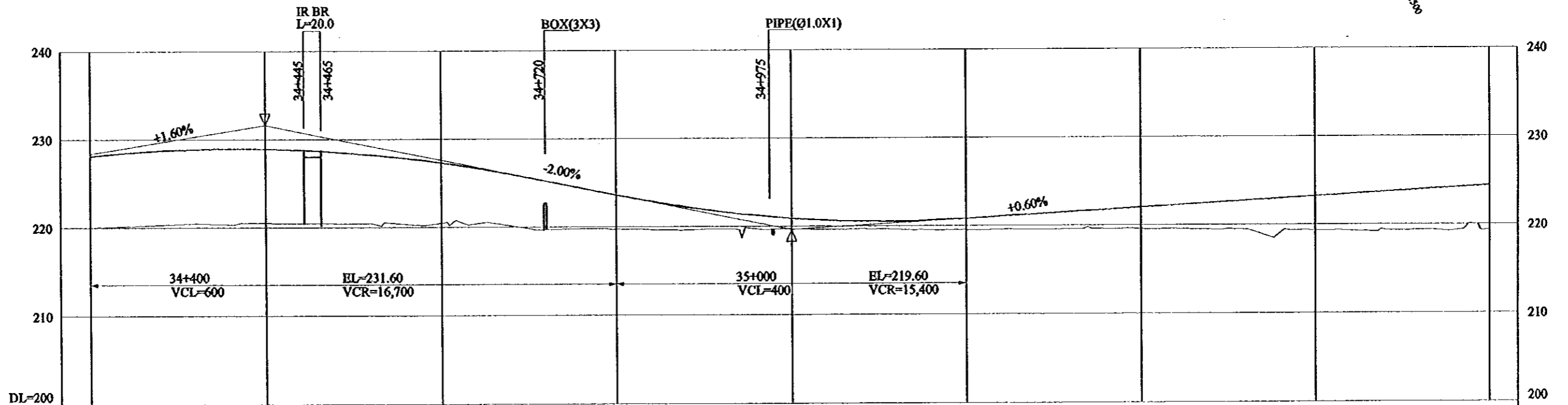
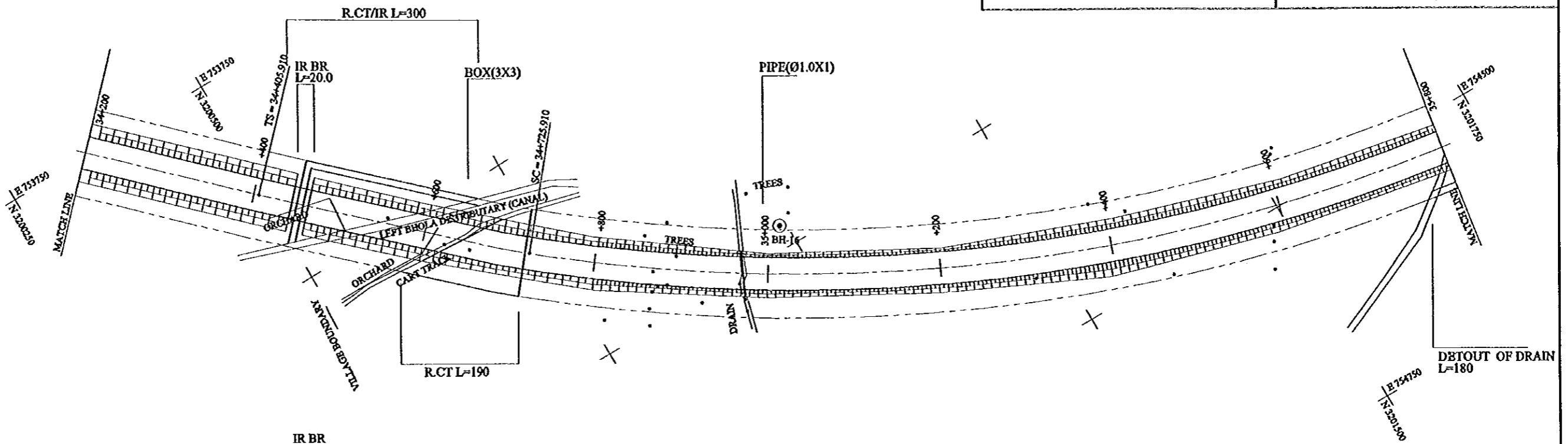
PROJECT	STATE / REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD - MBERUT EXPRESSWAY	NCR	21/26	055
PLAN AND PROFILE	SCALE : H = 1:5000, V = 1:500		



FINISHED GRADE	31+000	31+200	31+400	31+600	31+800	32+000	32+200	32+400	32+600
	222.60	223.60	224.60	225.60	226.38	226.70	226.58	226.00	225.20
GROUND LEVEL	218.97	219.01	219.33	219.19	219.45	219.52	219.11	219.21	219.33
STATION No.(KM)	31+000	31+200	31+400	31+600	31+800	32+000	32+200	32+400	32+600
HORIZONTAL ALIGNMENT	RT CURVE R=20,000 L=6,300								
SUPER ELEVATION	±2.0%								

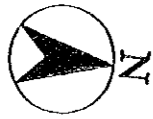


PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD-MEERUT EXPRESSWAY	NCR	23/26	057
PLAN AND PROFILE	SCALE : H = 1:5000, V = 1:500		

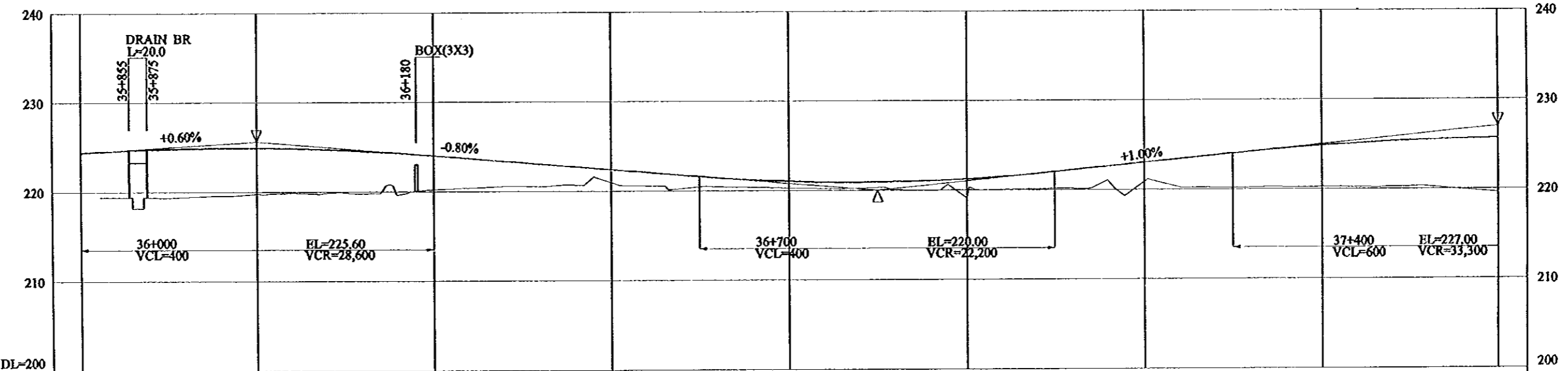
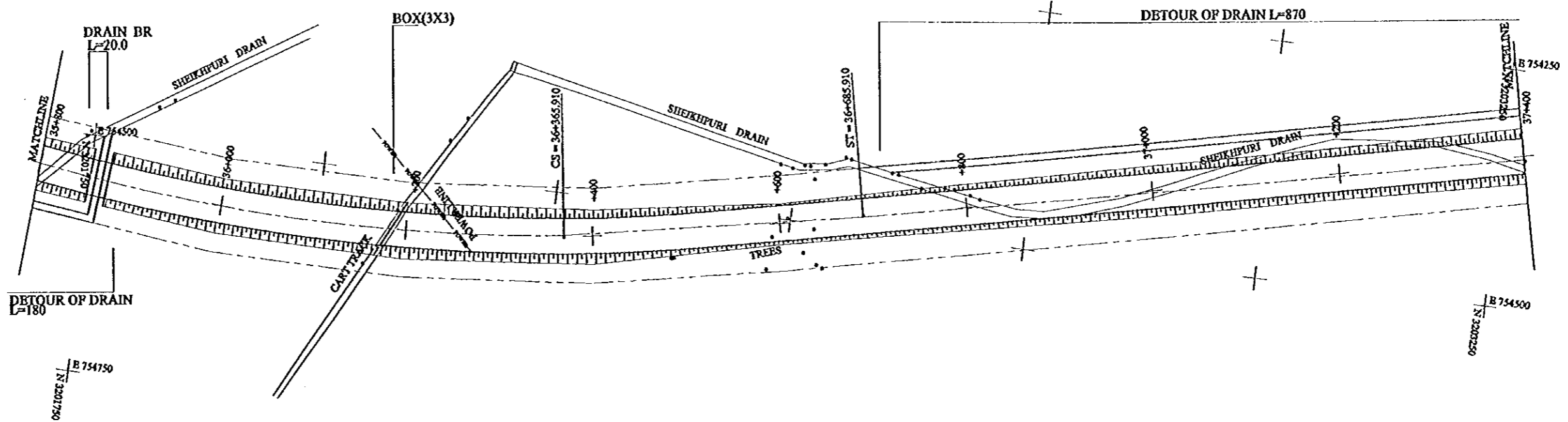


FINISHED GRADE	228.10	228.90	227.90	223.60	220.90	220.80	222.00	223.20	224.40
GROUND LEVEL	219.99	220.53	220.47	219.68	219.60	219.47	219.56	219.35	219.42
STATION No.(KM)	34+200	34+400	34+600	34+800	35+000	35+200	35+400	35+600	35+800
HORIZONTAL ALIGNMENT	SPIRAL A=800 L=320				LT CURVE R=2000			L=1640	
SUPER ELEVATION					T=3.0%			I=3.0%	

GHAZIABAD-MEERUT EXPRESSWAY, L=SEC 10-000 to 10-000, PLAN.DWG

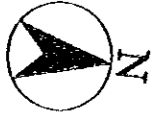


PROJECT	STATB/REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD - MBERUT EXPRESSWAY	NCR	24/26	058
PLAN AND PROFILE	SCALE : H = 1:5000, V = 1:500		

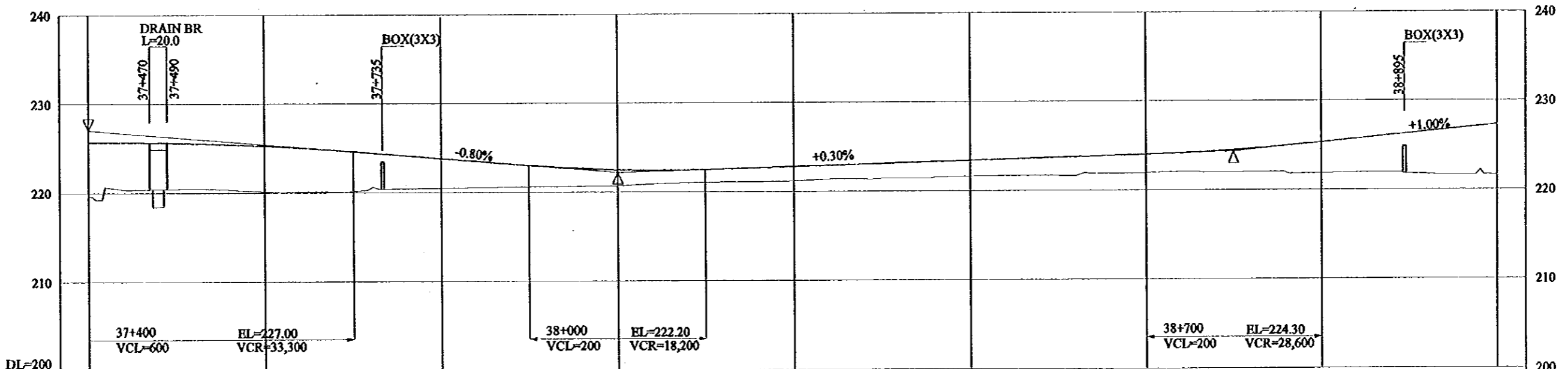
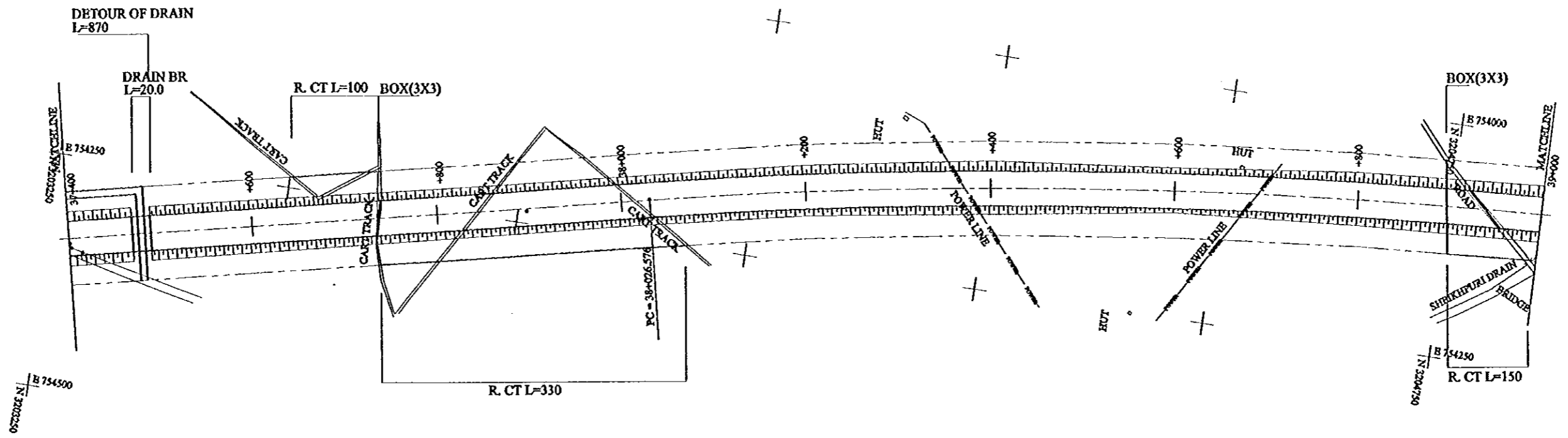


FINISHED GRADE	35+800	36+000	36+200	36+400	36+600	36+800	37+000	37+200	37+400
	224.40	224.90	224.00	222.40	221.03	221.23	223.00	224.85	225.65
GROUND LEVEL	219.42	219.74	220.21	220.96	220.27	219.23	220.21	220.20	219.59
STATION No.(KM)	35+800	36+000	36+200	36+400	36+600	36+800	37+000	37+200	37+400
HORIZONTAL ALIGNMENT	LT CURVE R=2000 L=1640		SPIRAL A=800 L=320		TANGENT L=1340.666				
SUPER ELEVATION	i=3.0%		i=3.0%		i=2.0%				

GHAZIABAD - MBERUT EXPRESSWAY - L-5601-13400 to 37+400.204_27mmx1100

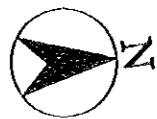


PROJECT	STATB/REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD - MBERUT EXPRESSWAY	NCR	25/26	059
PLAN AND PROFILE	SCALE : H = 1:5000, V = 1:500		

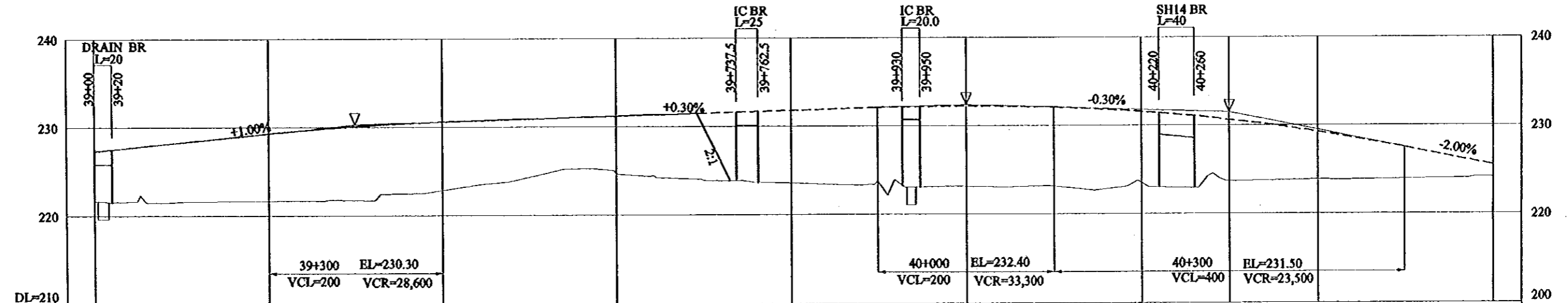
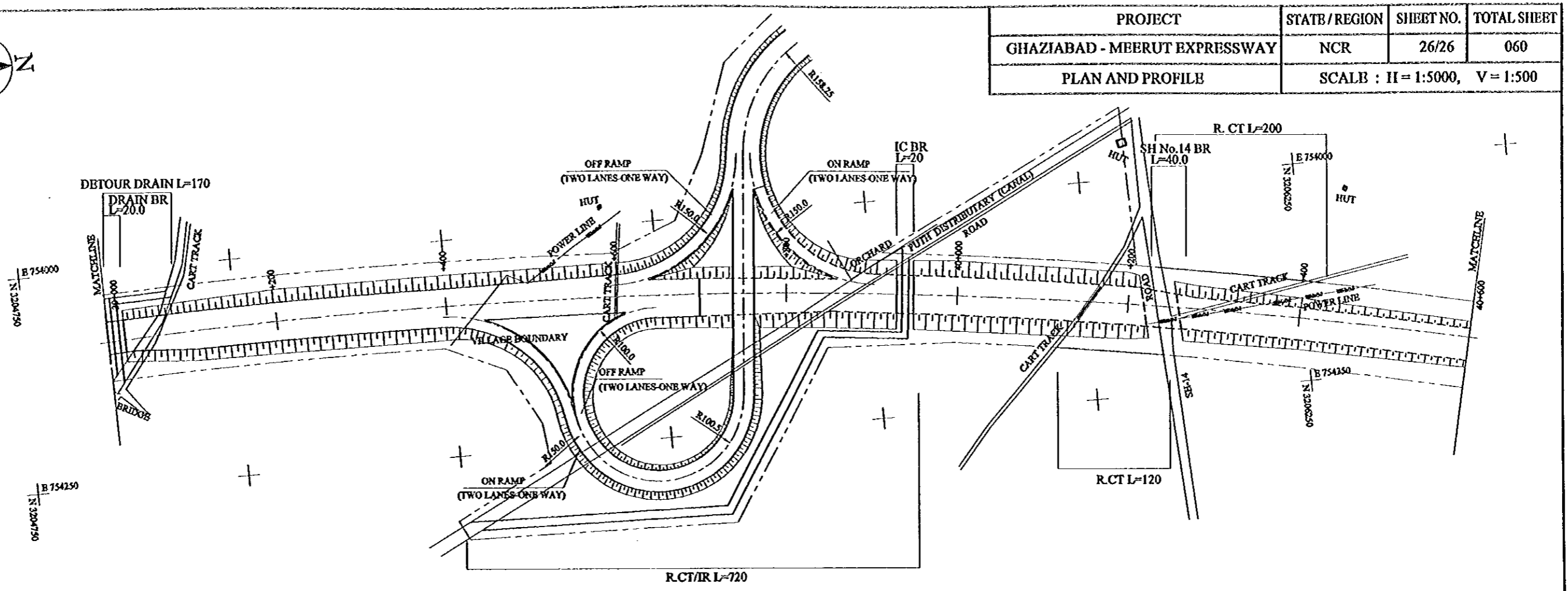


FINISHED GRADE	225.65	225.25	223.80	222.48	222.80	223.40	224.00	225.30	227.30
GROUND LEVEL	219.59	220.13	220.55	220.66	221.17	221.69	221.88	221.95	221.62
STATION No.(KM)	37+400	+600	+800	38+000	+200	+400	+600	+800	39+000
HORIZONTAL ALIGNMENT	TANGENT L=1340.666				RT CURVE R=6000 L=3994.485				
SUPER ELEVATION						i=-2.0%			
						i=-2.0%			

GHAZIABAD - MBERUT EXPRESSWAY L-88C 1:75000 IN 25/26 SHEET NO. 25/26

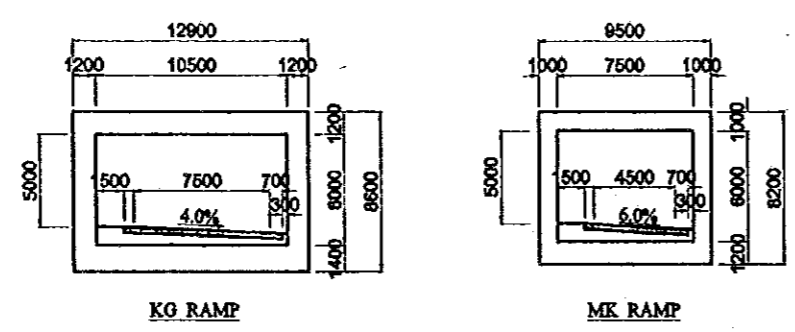
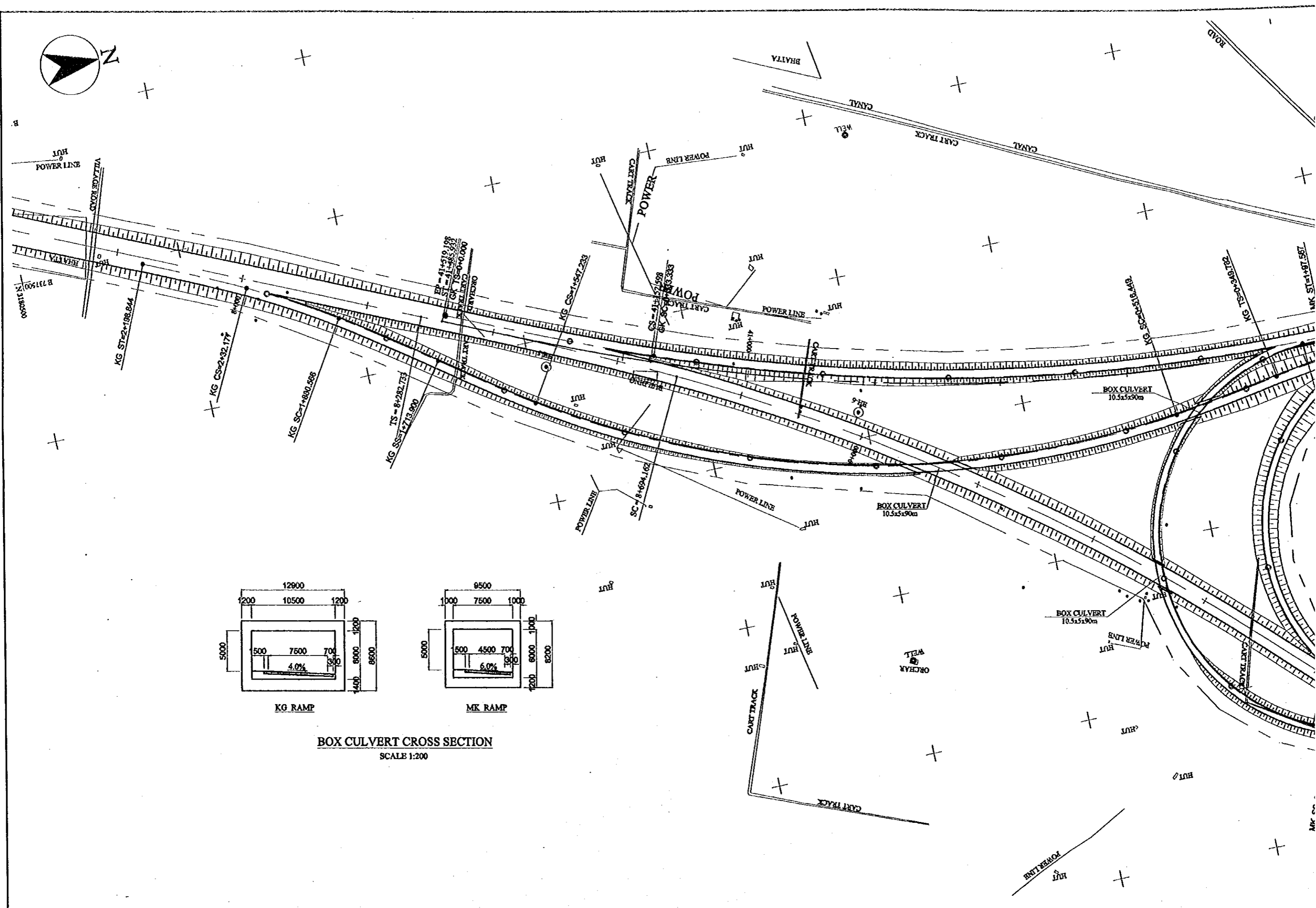
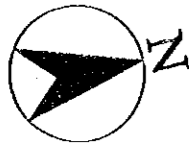


PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD - MBRUT EXPRESSWAY	NCR	26/26	060
PLAN AND PROFILE	SCALB : H = 1:5000, V = 1:500		



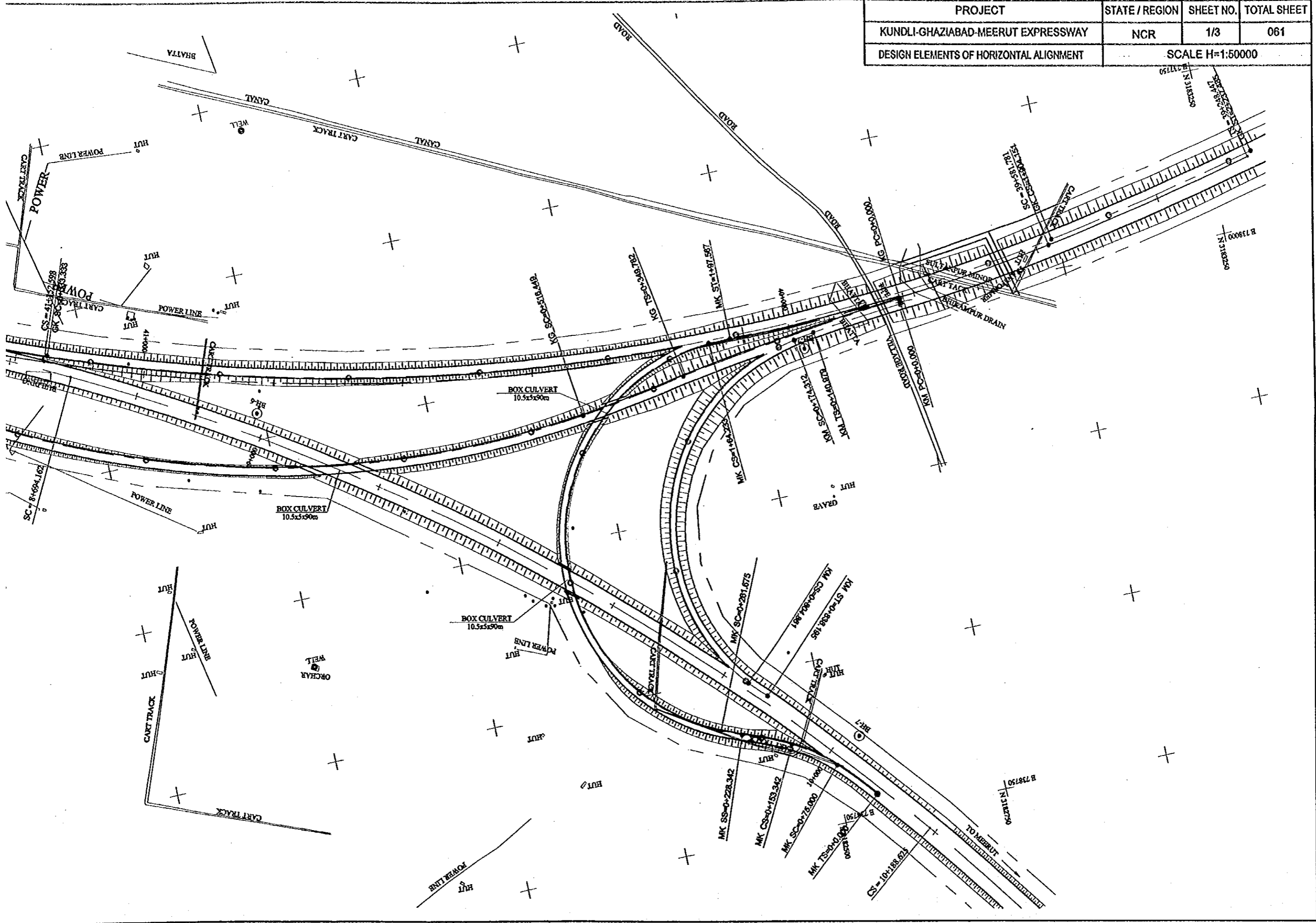
FINISHED GRADE	227.30	229.30	230.60	231.20	231.80	232.25	231.59	229.29	225.50
GROUND LEVEL	221.62	221.71	222.85	224.76	223.59	223.06	223.53	223.84	224.15
STATION No.(KM)	39+000	+200	+400	+600	+800	+40+000	+200	+400	+40+600
HORIZONTAL ALIGNMENT	RT CURVE R=6000 L=3994.485								
SUPER ELEVATION	-2.0%								

GHAZIABAD - MBRUT EXPRESSWAY L=3994.485 R=6000

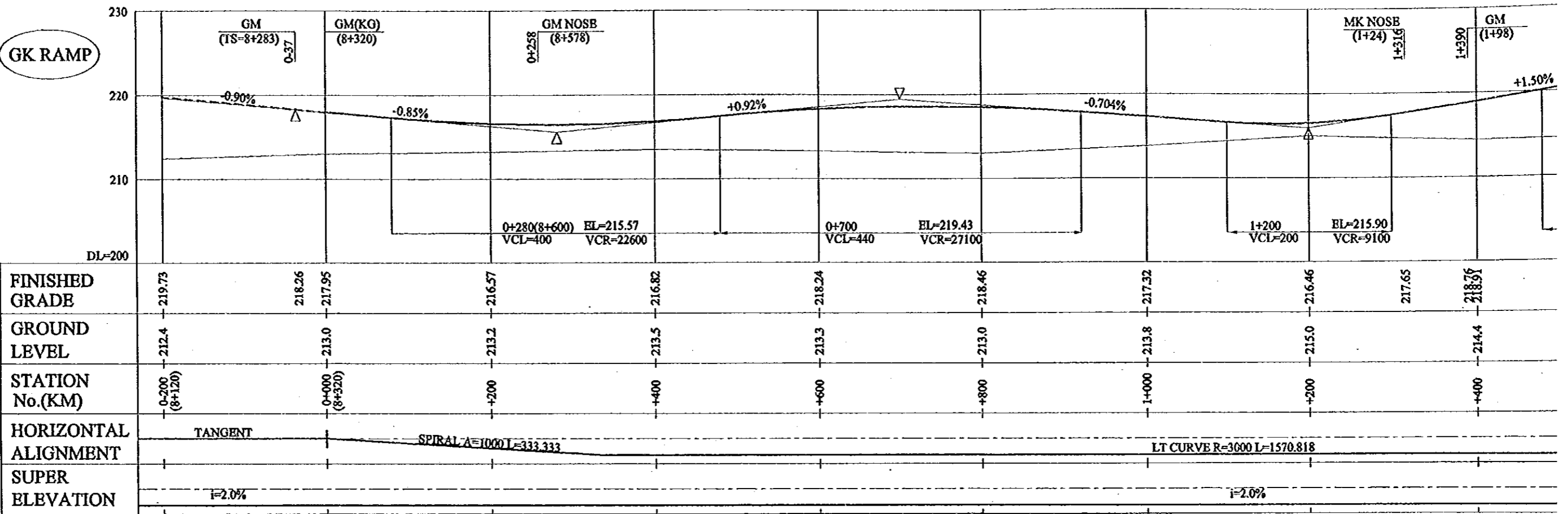


BOX CULVERT CROSS SECTION
SCALE 1:200

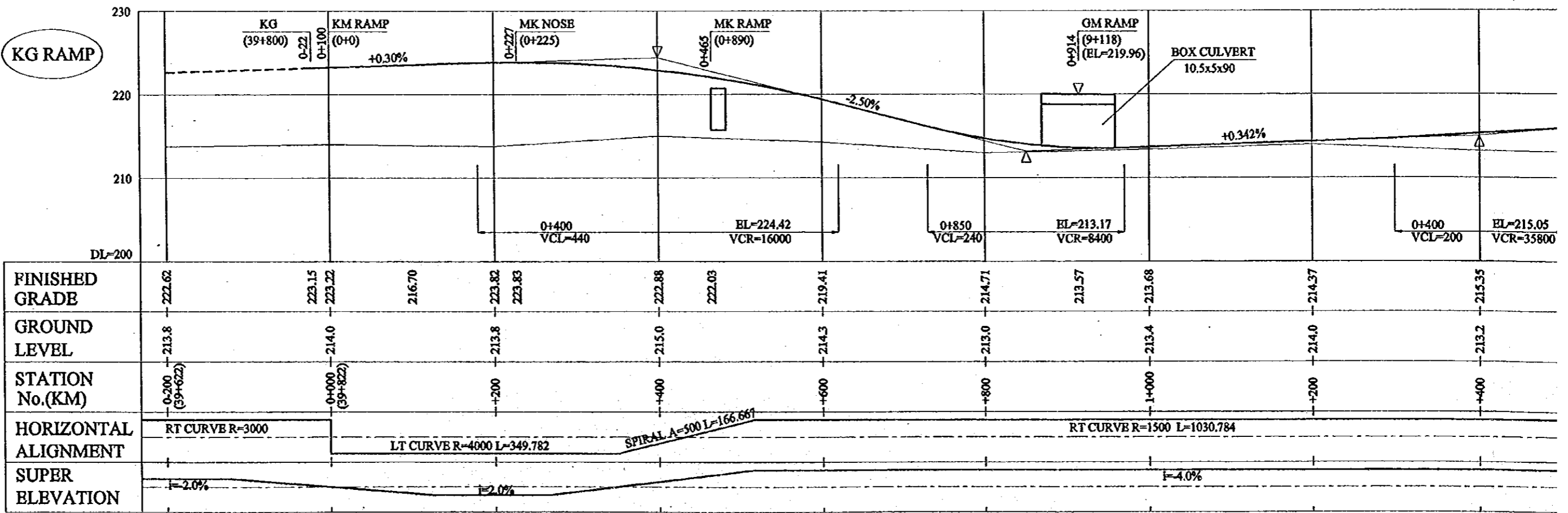
PROJECT	STATE / REGION	SHEET NO.	TOTAL SHEET
KUNDLI-GHAZIABAD-MEERUT EXPRESSWAY	NCR	1/3	061
DESIGN ELEMENTS OF HORIZONTAL ALIGNMENT		SCALE H=1:50000	



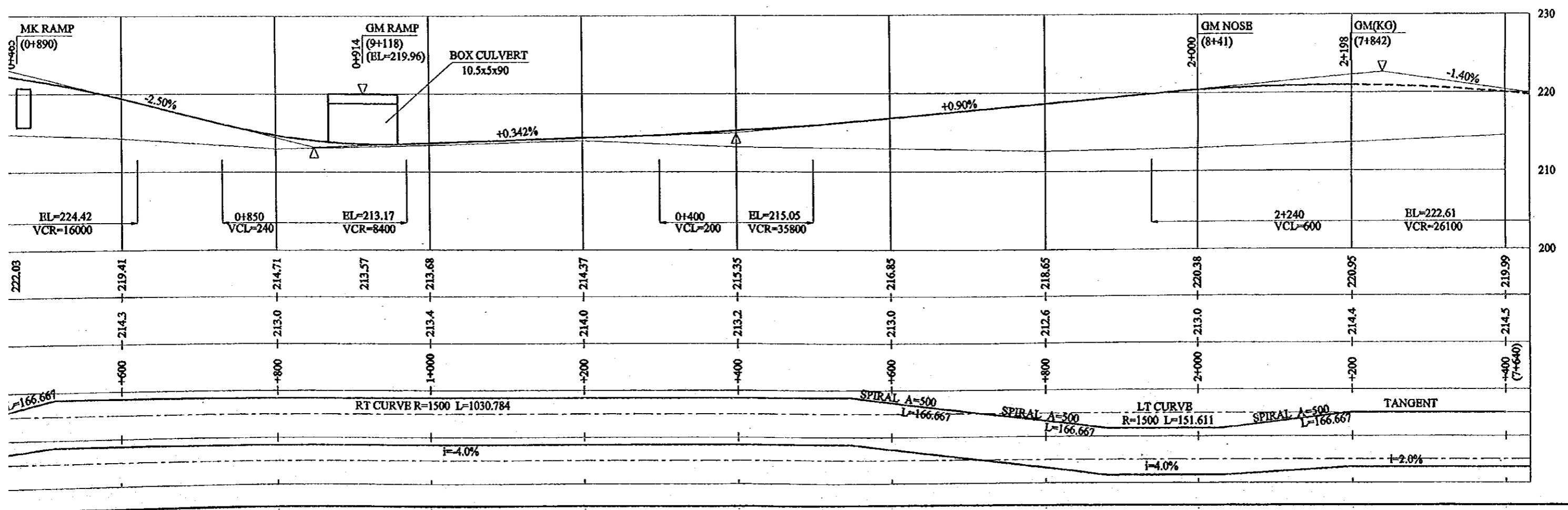
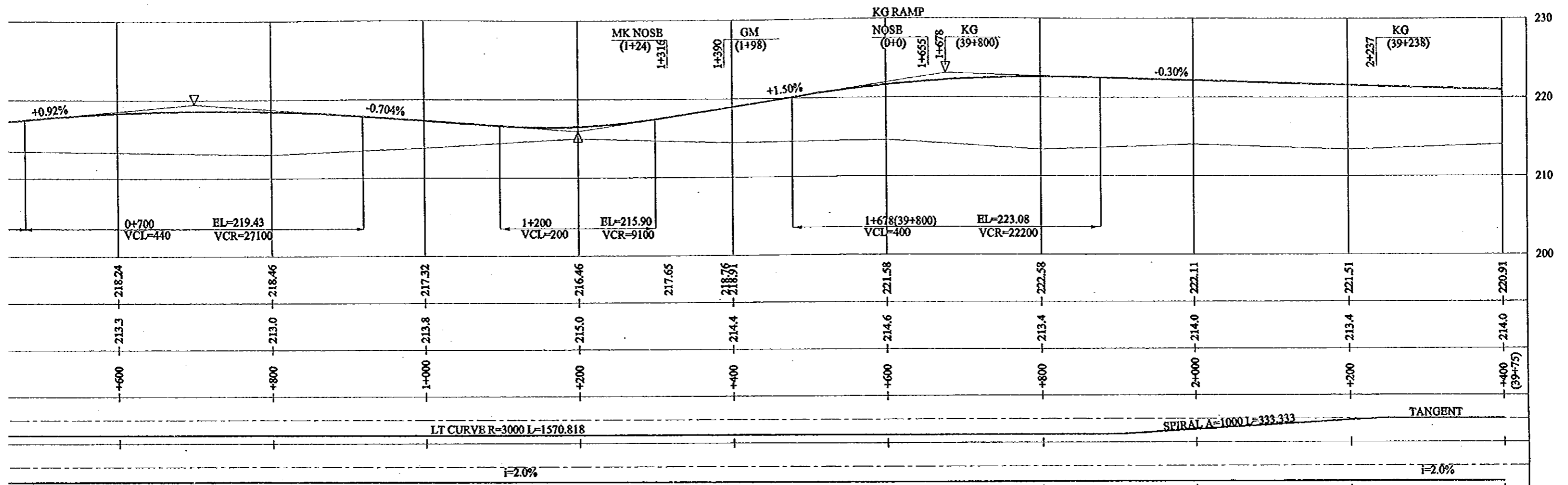
GK RAMP



KG RAMP

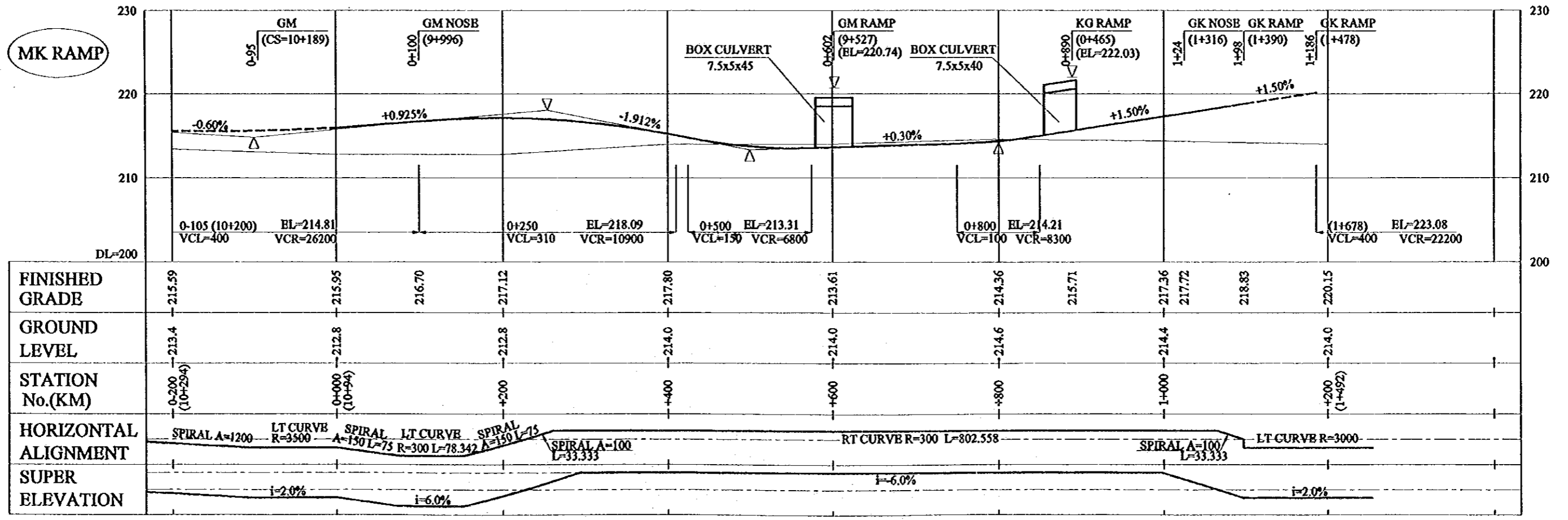
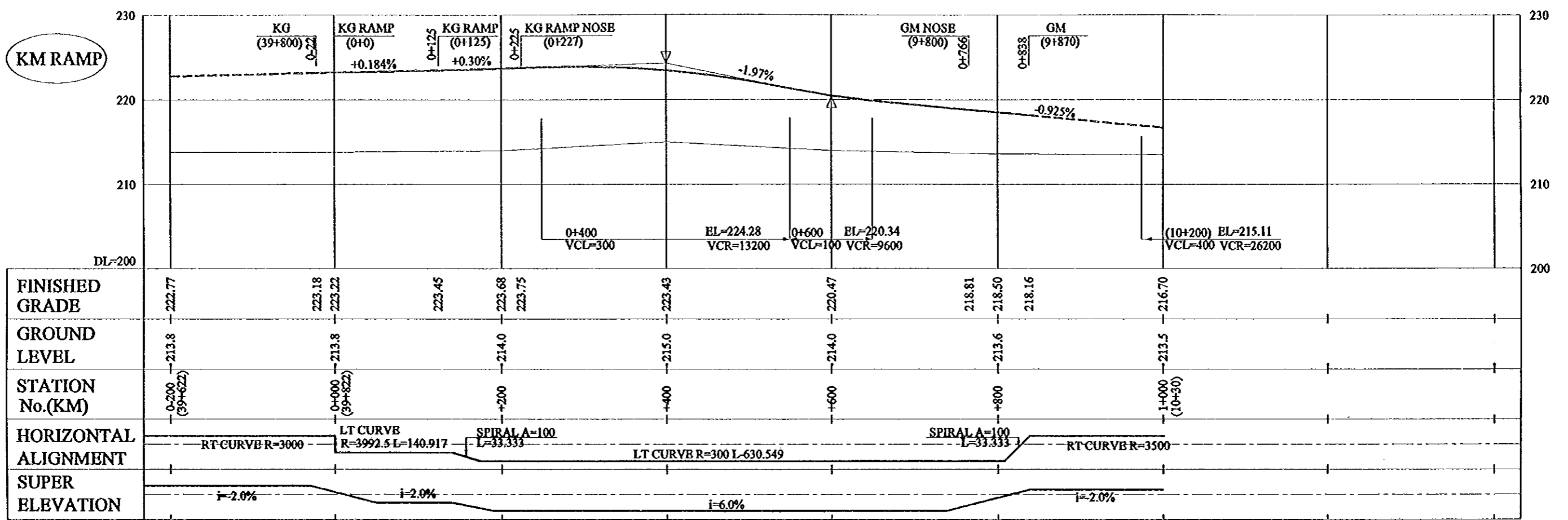


PROJECT	STATE / REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD-MBRUT EXPRESSWAY	NCR	2/3	062
RAMP(KG,GK) PROFILE		SCALE : H = 1:5000, V = 1:500	



GHAZIABAD-MBRUT EXPRESSWAY STRUCTURE PROFILE DRAWING

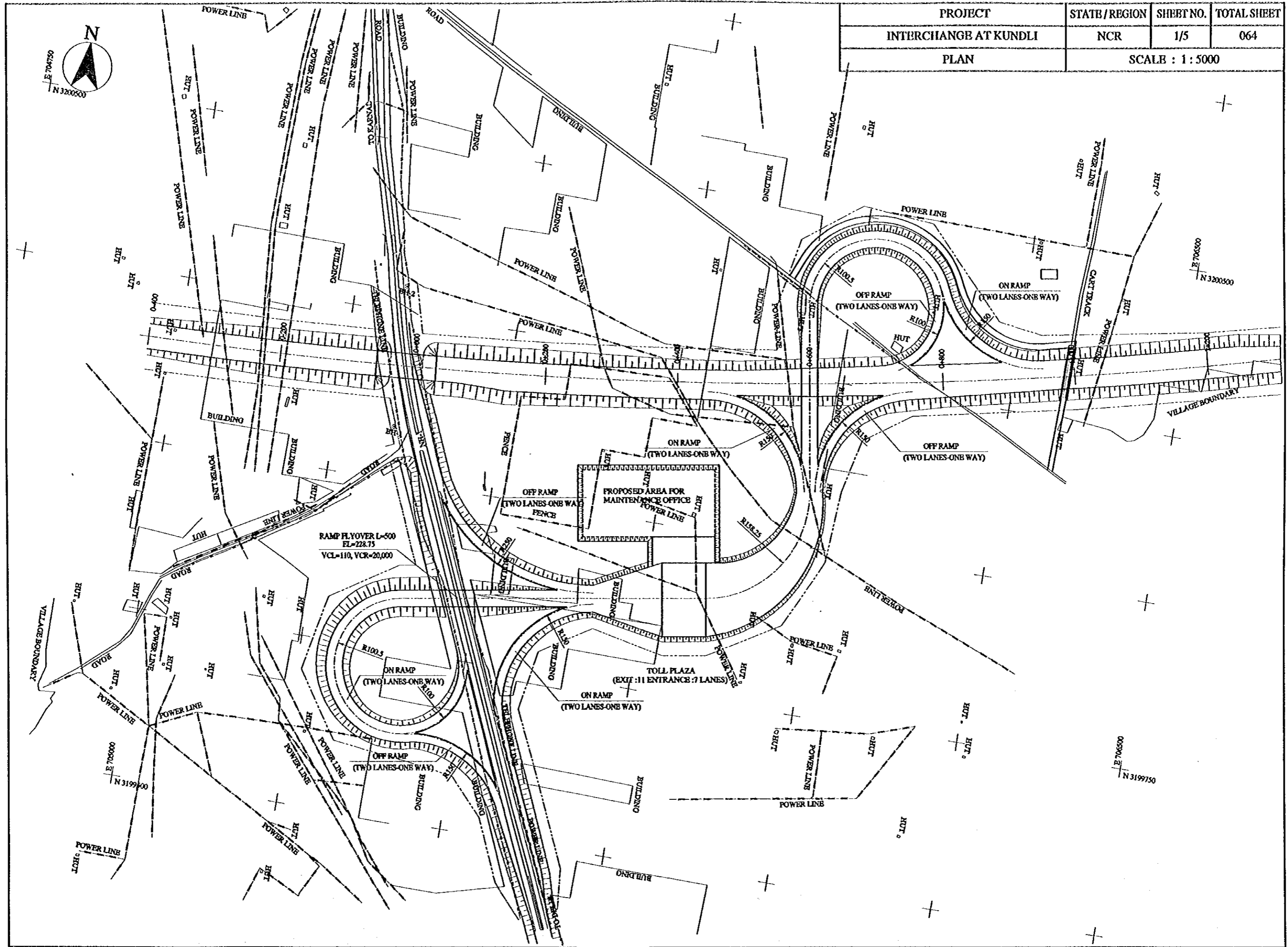
PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
GHAZIABAD-MBERUT EXPRESSWAY	NCR	3/3	063
RAMP(KM,MK) PROFILE		SCALE : H= 1:5000, V= 1:500	



GHAZIABAD-MBERUT EXPRESSWAY PROJECT PROFILE

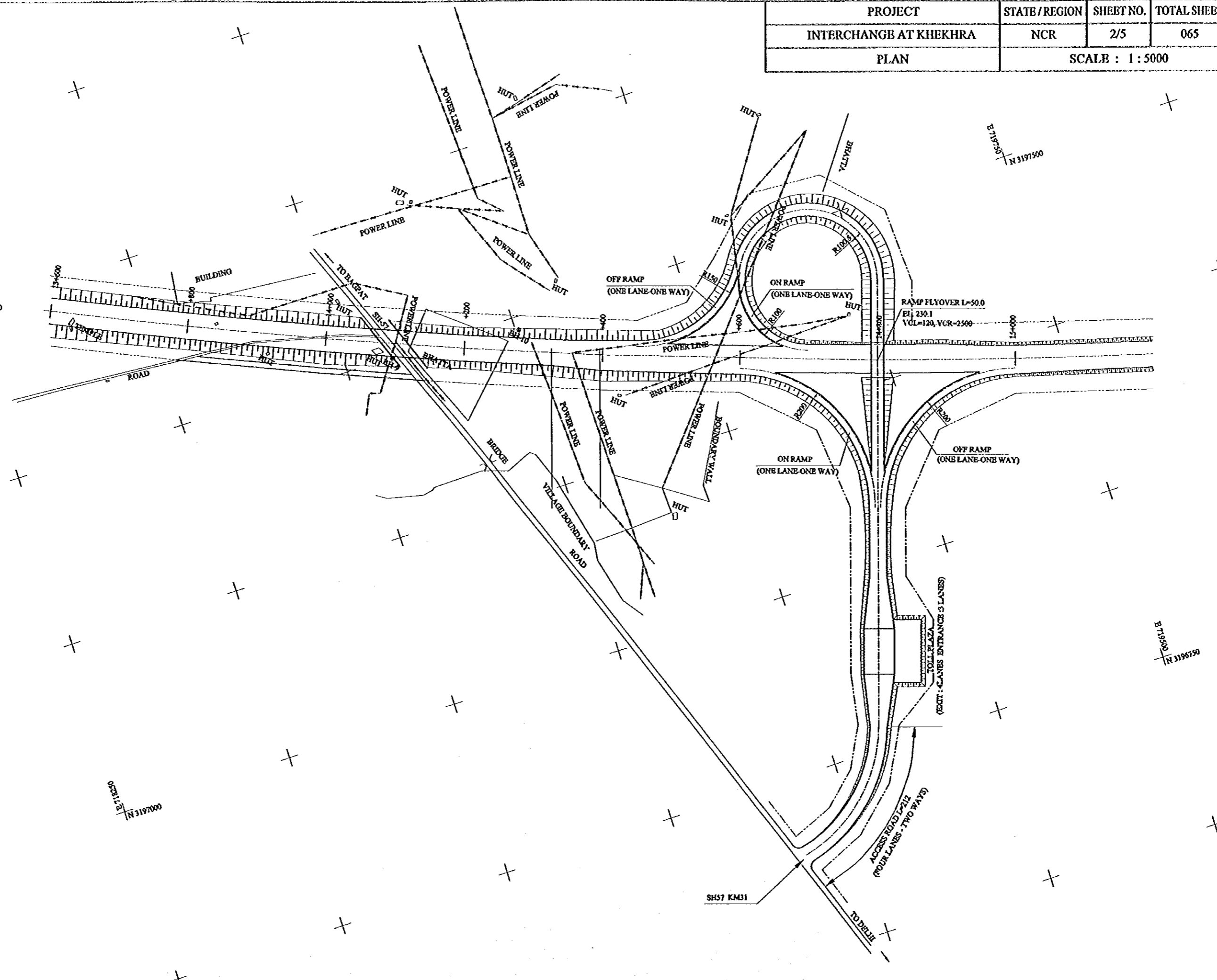


PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
INTERCHANGE AT KUNDLI	NCR	1/5	064
PLAN	SCALE : 1 : 5000		



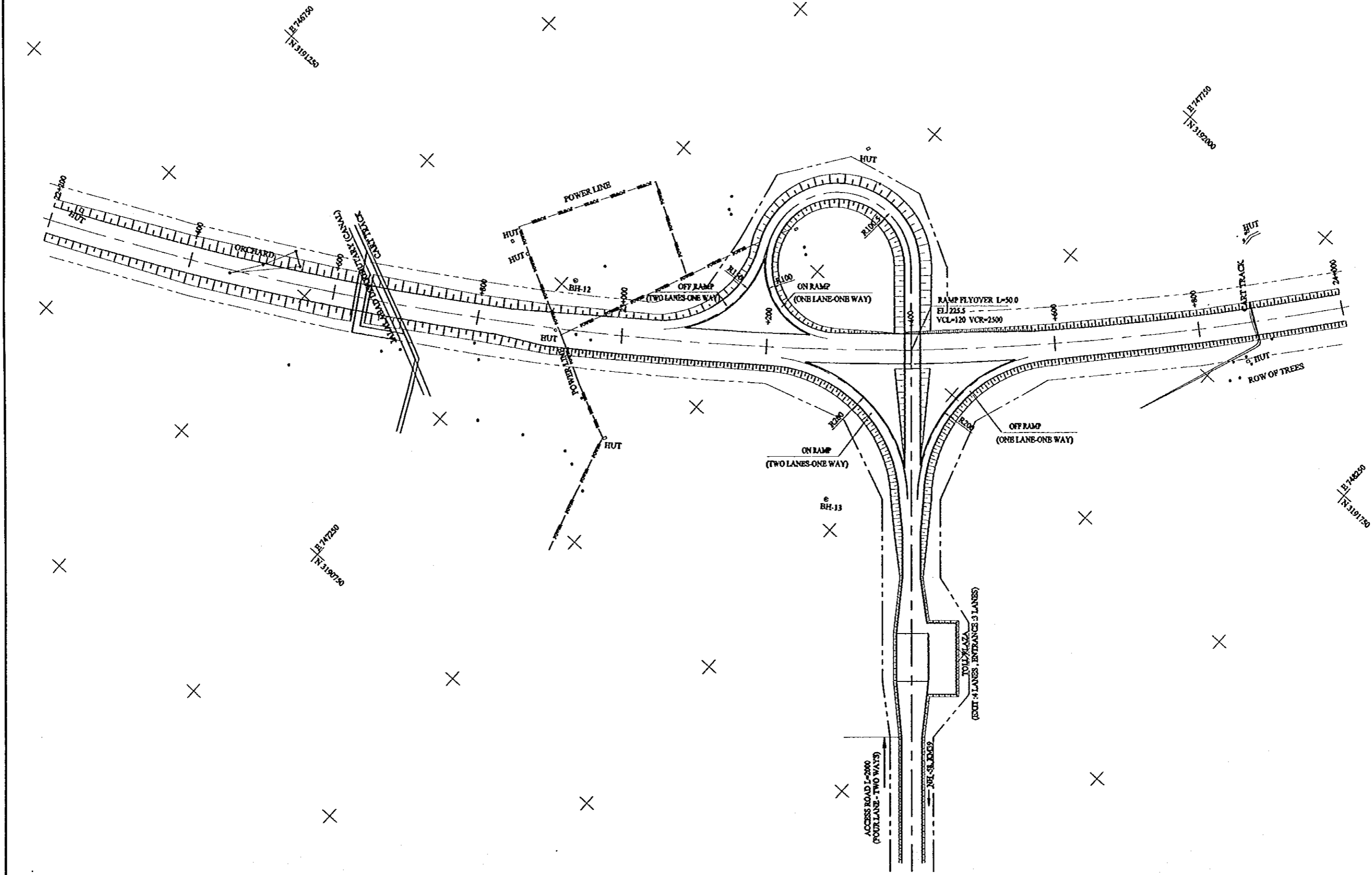


PROJECT	STATE / REGION	SHEET NO.	TOTAL SHEET
INTERCHANGE AT KHEKHRA	NCR	2/5	065
PLAN	SCALE : 1 : 5000		



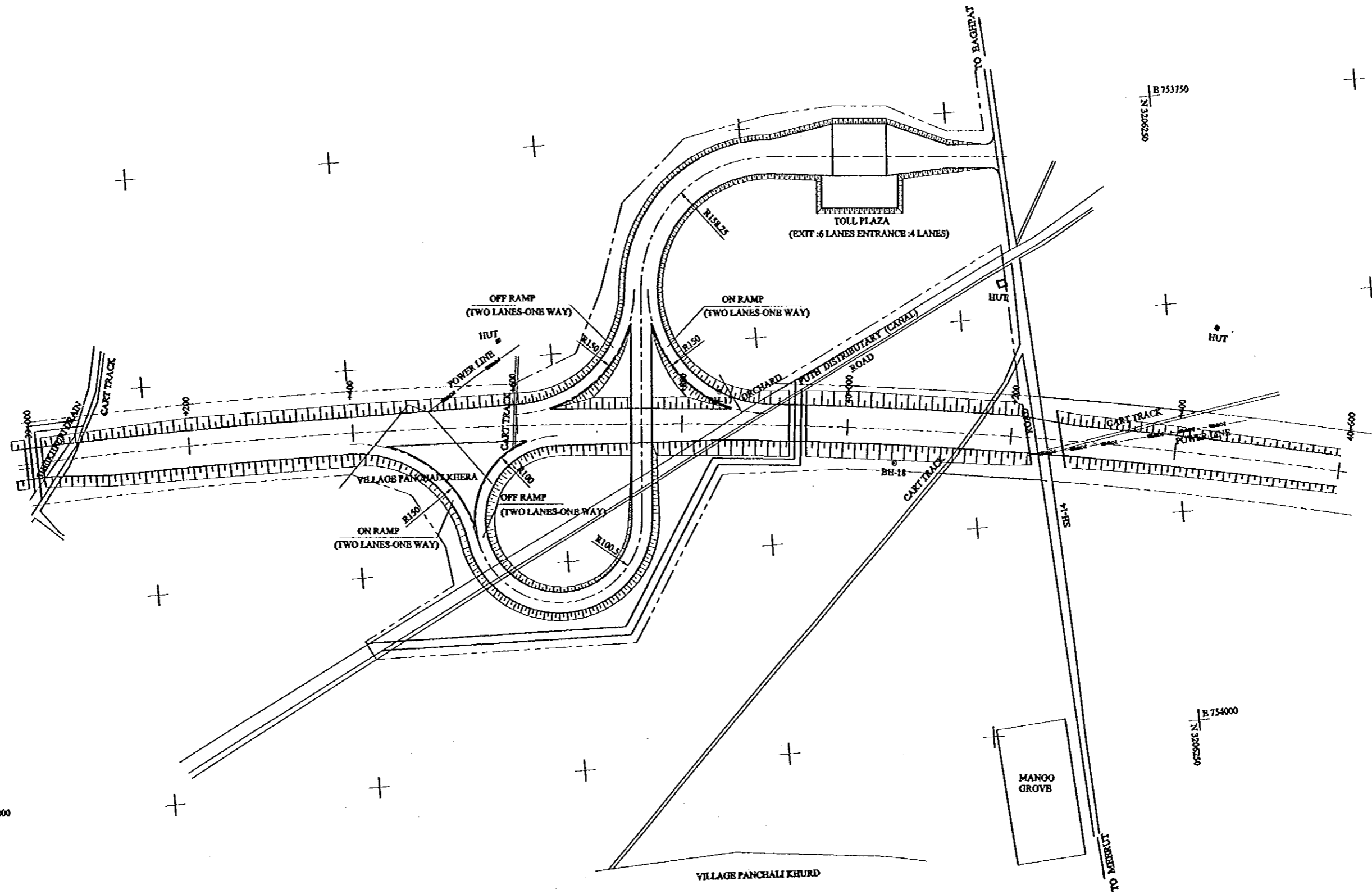


PROJECT	STATB/REGION	SHEET NO.	TOTAL SHEET
INTERCHANGE AT MODINAGAR	NCR	3/5	066
PLAN	SCALE : 1 : 5000		



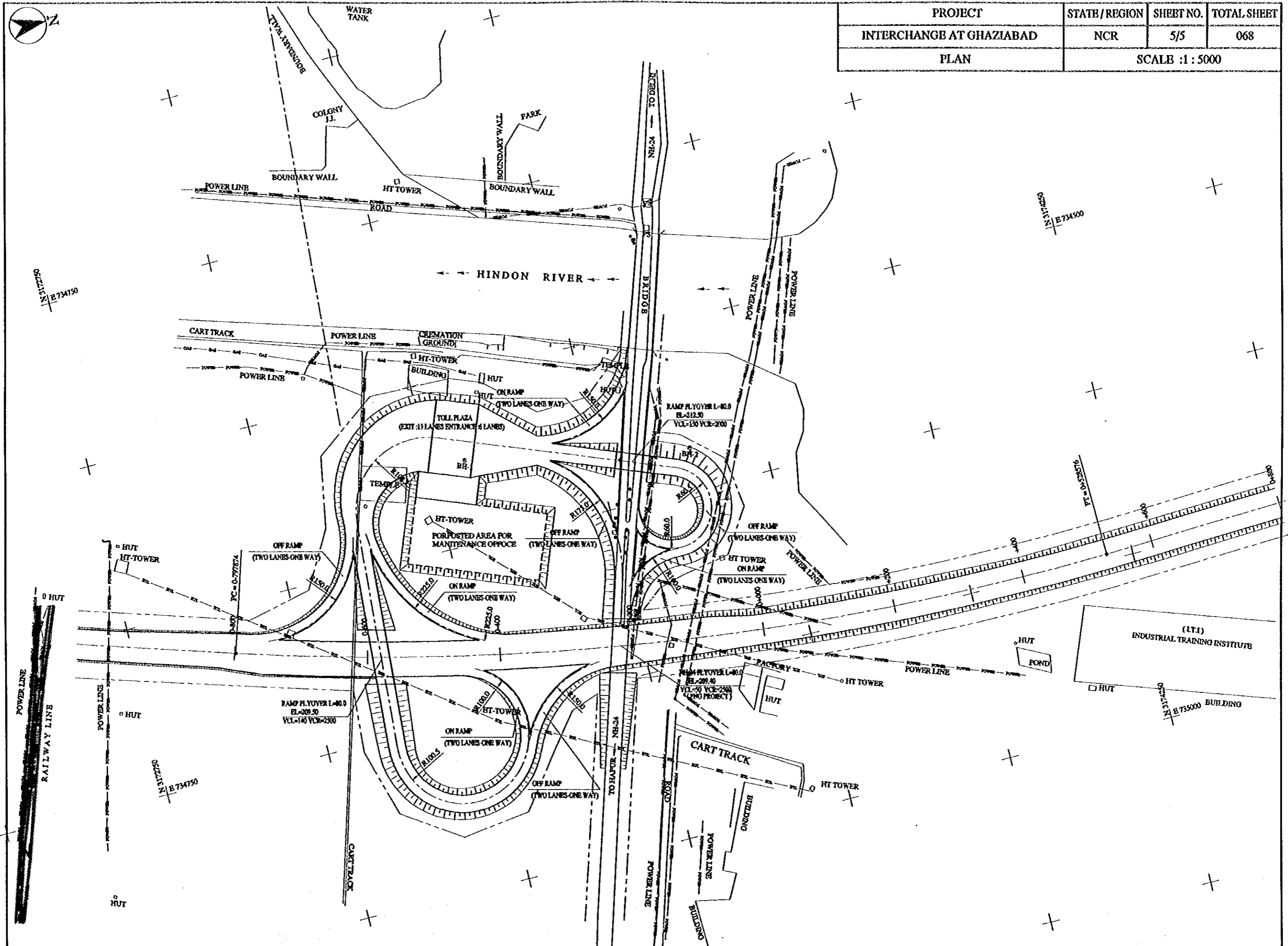


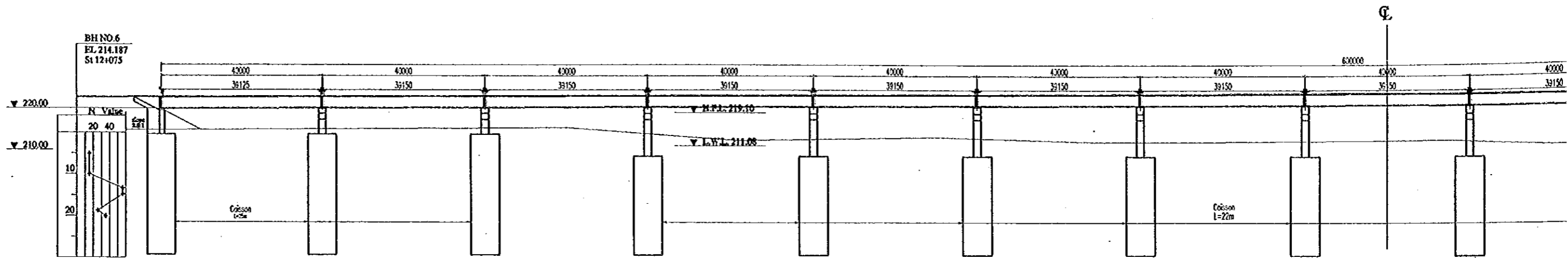
PROJECT	STATE / REGION	SHEET NO.	TOTAL SHEET
INTERCHANGE AT MBBRUT	NCR	4/5	067
PLAN	SCALE : 1 : 5000		





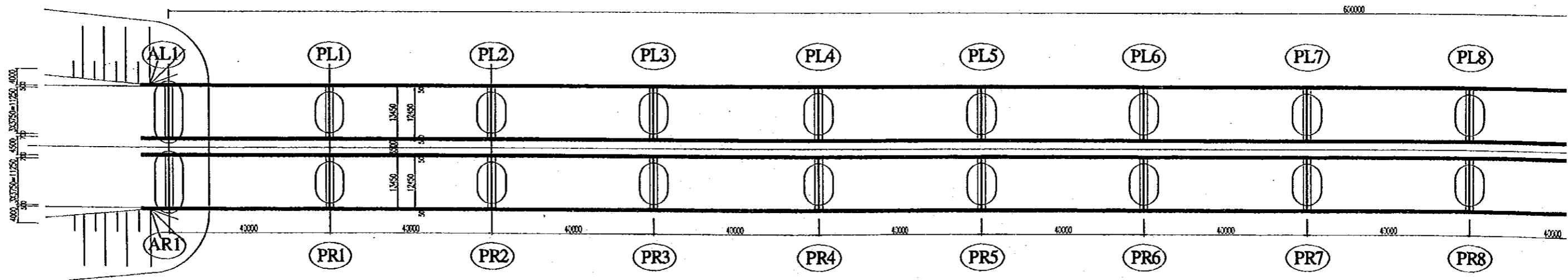
PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
INTERCHANGE AT GHAZIABAD	NCR	5/5	068
PLAN	SCALE : 1 : 5000		





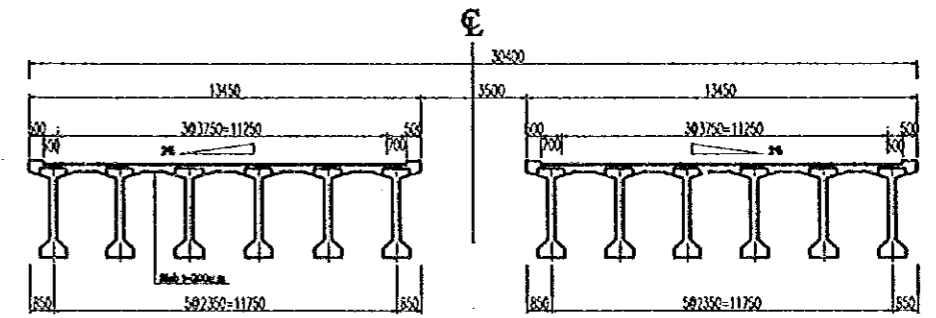
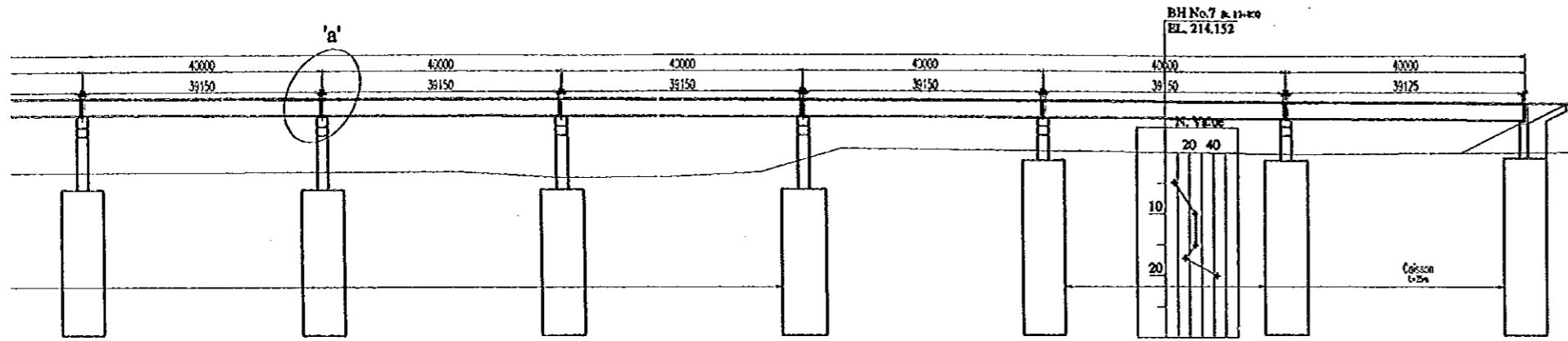
VERTICAL ALIGNMENT	VERTICAL CURVE LENGTH	FINISHED GRADE	GROUND LEVEL	STATION NUMBER
	0.000	222.69	214.85	12+300
	-0.008	222.90		12+340
	-0.0125			12+350
	-0.0125	222.90		12+380
	-0.080		215.59	12+400
	-0.072	223.04		12+420
	0.1125		212.326	12+442
	-0.120	223.05		12+460
0.300%		223.09	213.167	12+490
	-0.200			12+500
	-0.3125		212.00	12+523.5
	-0.3920	223.13	212.056	12+550
				12+560
		223.13		12+580
		223.14		12+600
	0.3920	223.13	212.403	12+615
				12+620
			211.372	12+640

PROFILE SCALE: 1:500

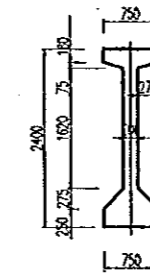
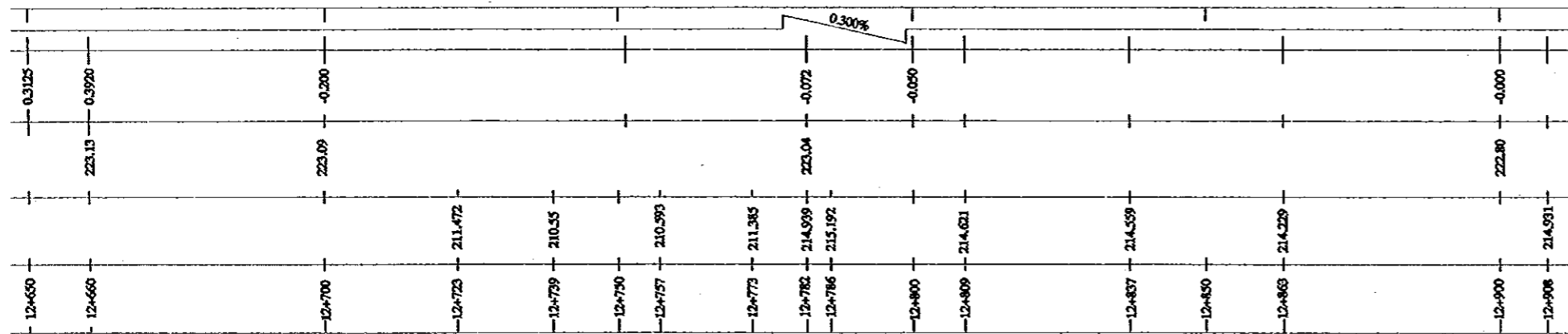


PLAN SCALE: 1:500

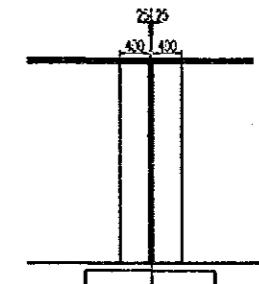
PROJECT	STATE / REGION	SHEET NO.	TOTAL SHEET
KUNDLI-GHAZIABAD EXPRESSWAY	NCR	1/11	069
YAMUNA RIVER BRIDGE		SCALE : INDICATED	



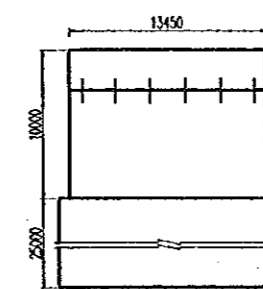
SECTION OF PC GIRDER L=40m
SCALE 1:1:250



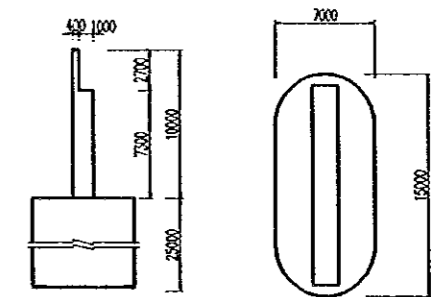
DETAIL SCALE: 1:100



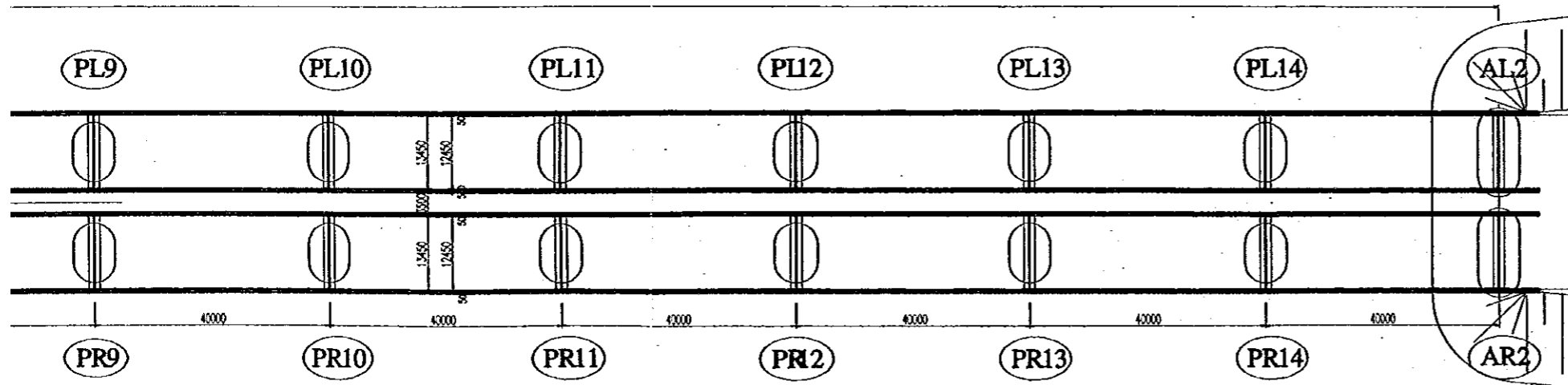
'a' DETAIL SCALE: 1:100



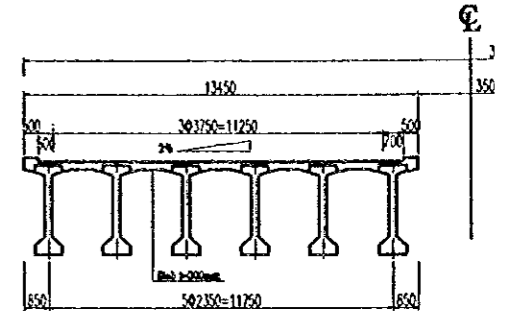
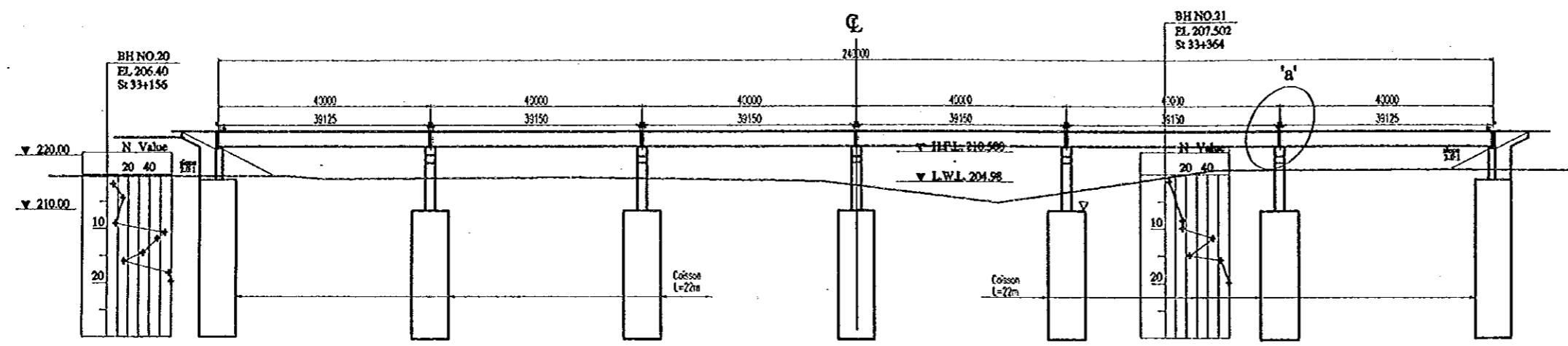
ABUTMENT SCALE: 1:500



PIERS SCALE: 1:500



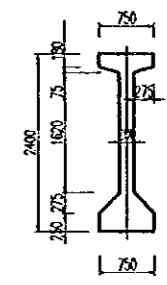
PROJECT	STAT
KUNDI-GHAZIABAD EXPRESSWAY	
HINDAN RIVER BRIDGE	



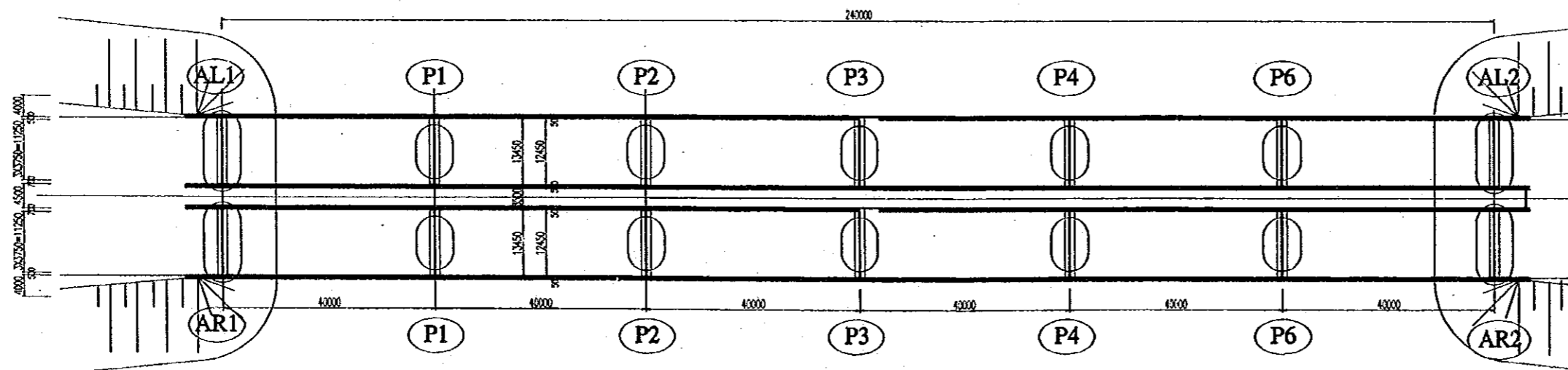
SECTION OF PC G
SCALE 1:100

VERTICAL ALIGNMENT	1.000%																	
VERTICAL CURVE LENGTH	0.54		0.306	-1.127	-1.127	V.C.L=600m	-1.200	V.C.R=30,000M	-1.127		0.306		0.54					
FINISHED GRADE	214.310		214.444		214.323		214.35		214.323		214.444		214.310					
GROUND LEVEL	205.37	206.15	205.500	205.86	205.86	205.25	201.19	207.24	207.24	214.444	207.310	207.310	207.310					
STATION NUMBER	33+116	33+180	33+193	33+200	33+220	33+246	33+250	33+260	33+293	33+300	33+327	33+340	33+350	33+368	33+380	34+400	34+420	34+423

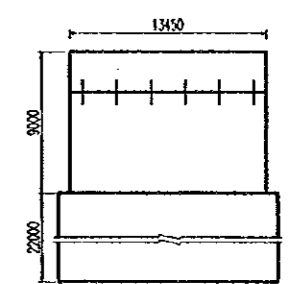
PROFILE
SCALE 1:1000



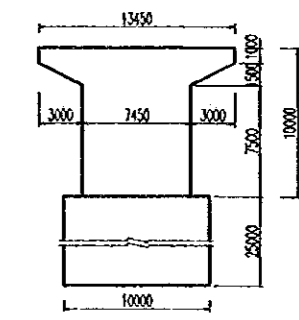
DETAIL SCALE 1:100



PLAN
SCALE 1:1000

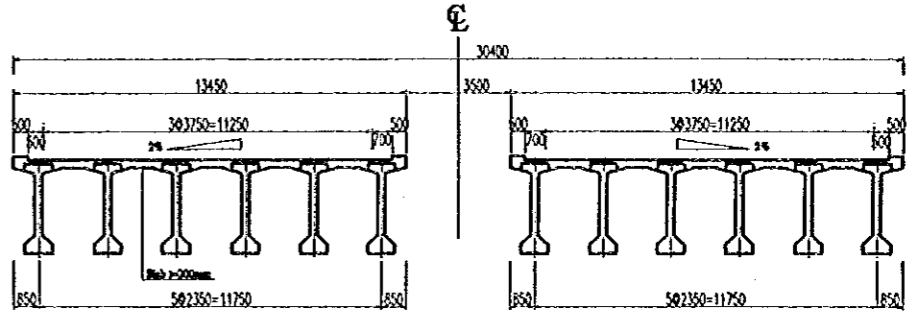
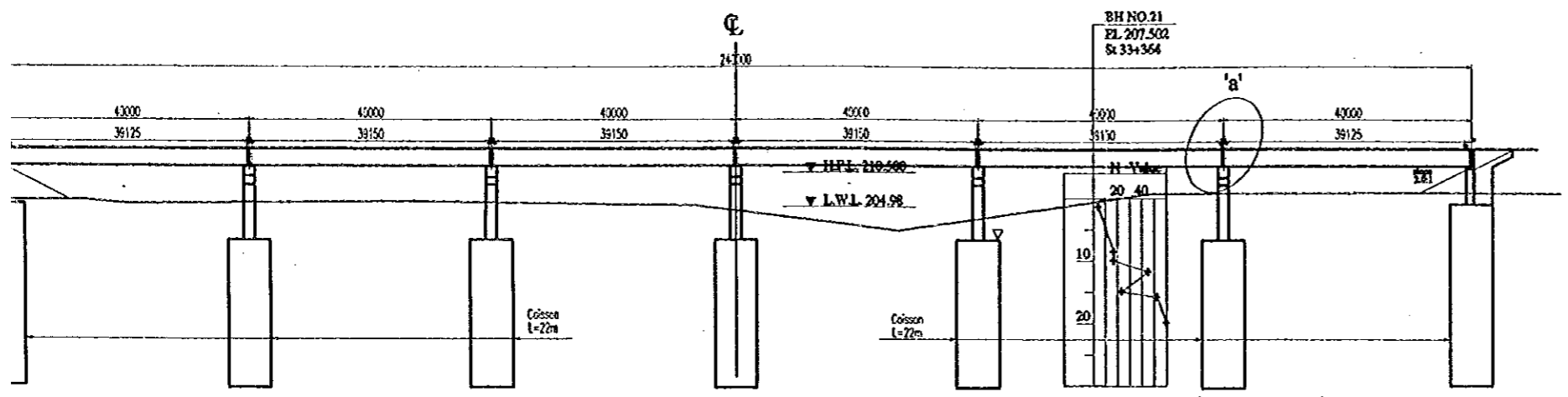


ABUTM

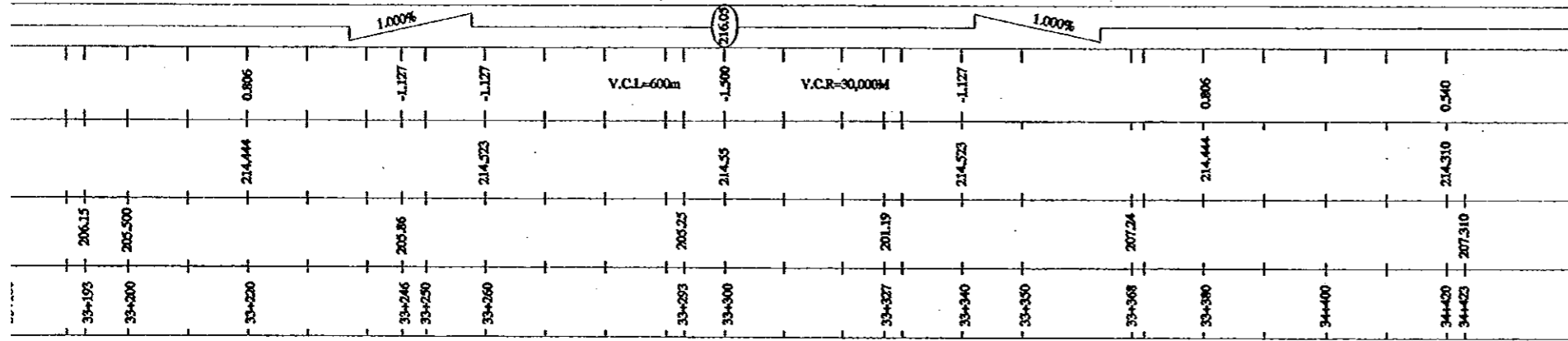


PIER

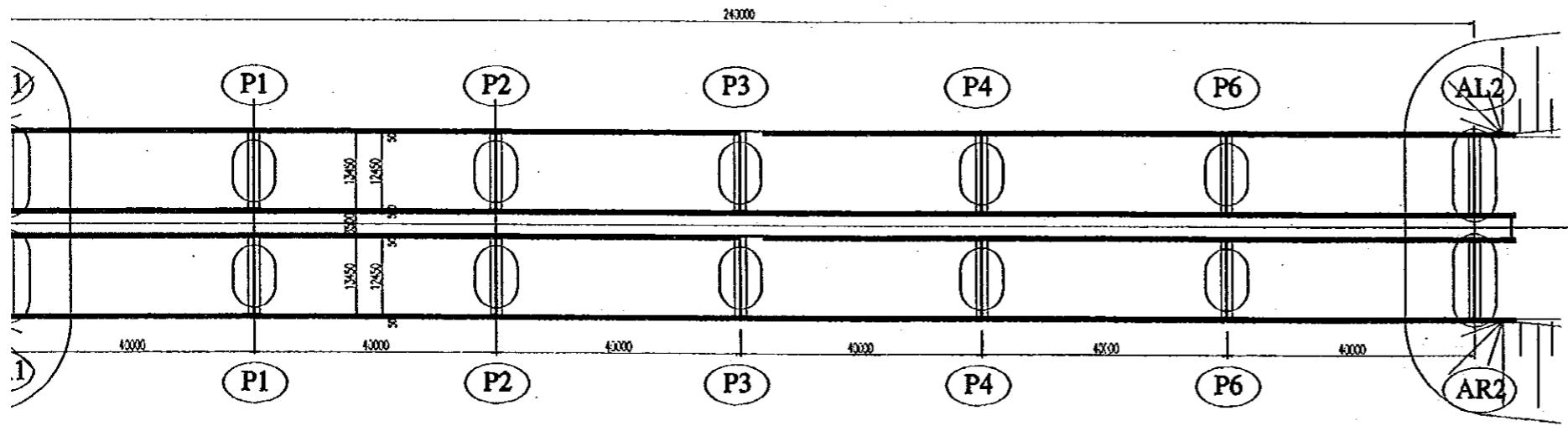
PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
KUNDI-GHAZIABAD EXPRESSWAY	NCR	2/11	070
HINDAN RIVER BRIDGE		SCALE AS INDICATED	



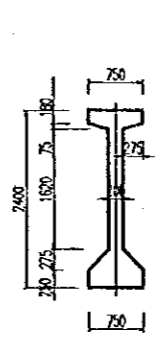
SECTION OF PC GIRDBL L=40m
SCALE 1=1:250



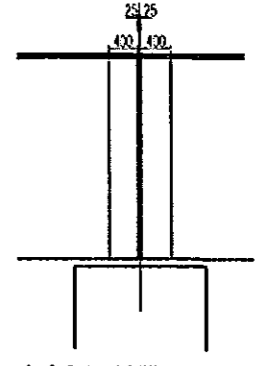
PROFILE
SCALE 1:1000



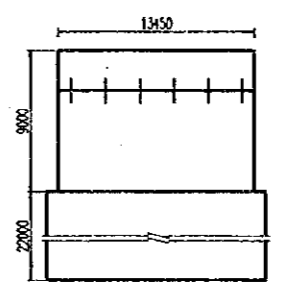
PLAN
SCALE 1:1000



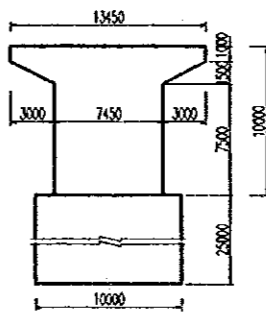
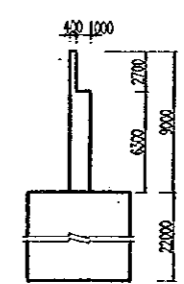
DETAIL SCALE 1:100



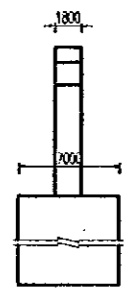
'a' DETAIL SCALE 1:100



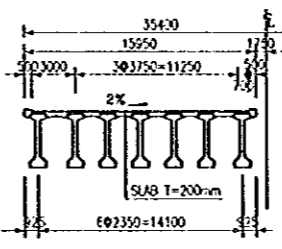
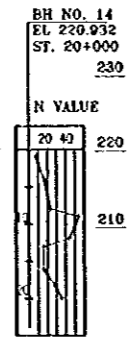
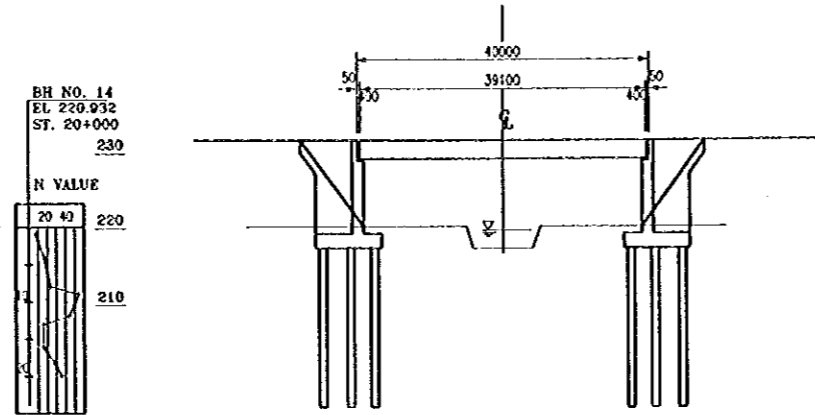
ABUTMENT SCALE 1:500



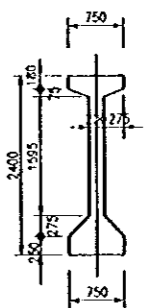
PIERS SCALE 1:500



PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
KUNDLI-GHAZIABAD EXPRESSWAY	NCR	3/11	071
EASTERN YAMUNA CANAL BRIDGE		SCALE : INDICATED	



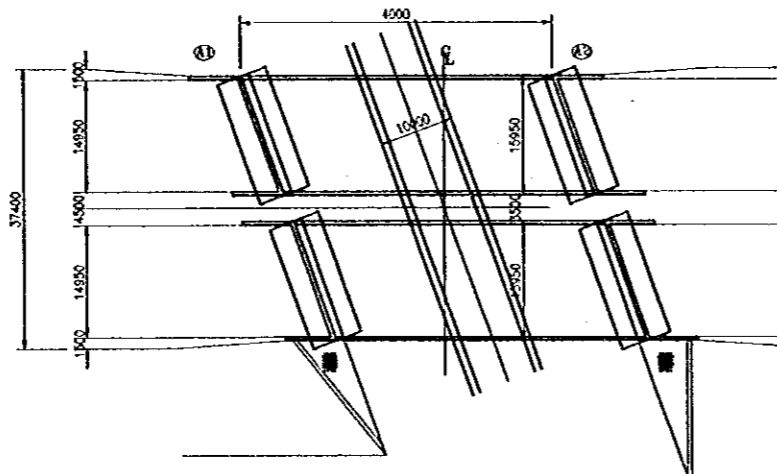
SECTION OF PC GIRDER L=40
SCALE 1:500



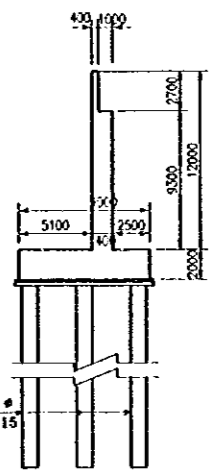
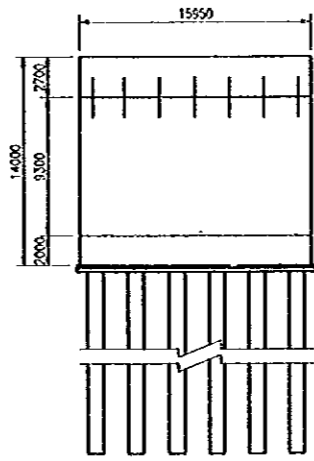
DETAIL
SCALE 1:100

VERTICAL ALIGNMENT	1.600%		22+00	22+40	22+80	23+20
VERTICAL CURVE LENGTH	1000		22+00	22+40	22+80	23+20
FINISHED LEVEL	220.00		220.00	220.00	220.00	220.00
GROUND LEVEL	210.00		210.00	210.00	210.00	210.00
STATION NUMBER	22+00		22+40	22+80	23+20	23+60

PROFILE
SCALE 1:1000



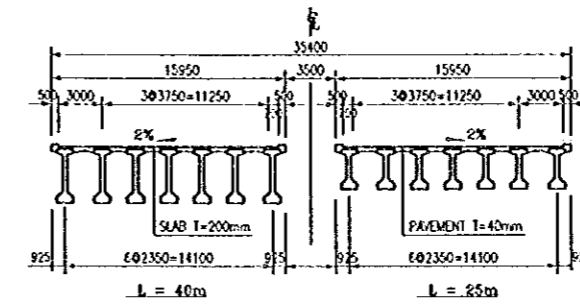
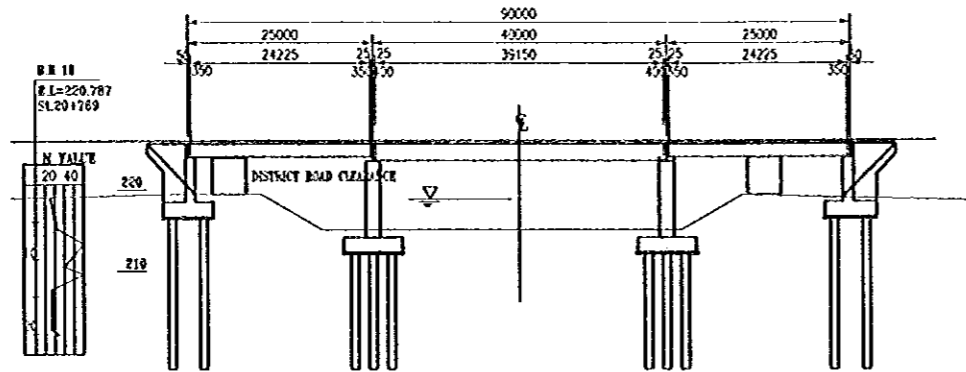
PLAN
SCALE 1:1000



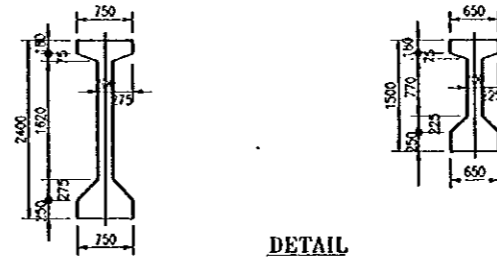
ABUTMENT
SCALE 1:500

FILE 1000 #
L=22m n=15

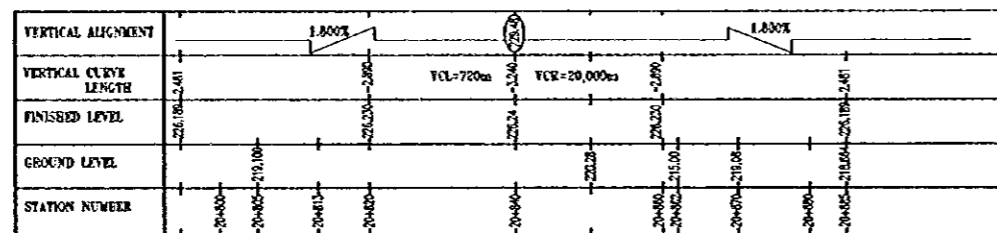
PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
KUNDLI-GHAZIABAD EXPRESSWAY	NCR	4/11	072
UPPER GANGA CANAL BRIDGE	SCALE : INDICATED		



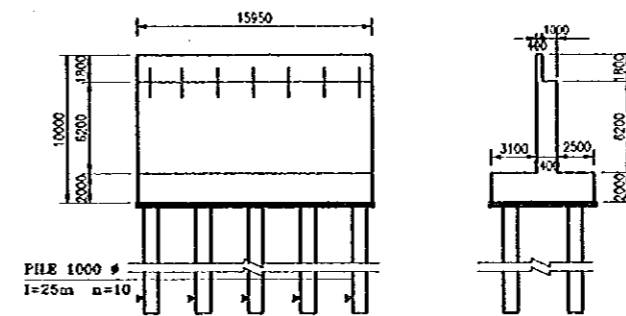
SECTION OF PC GIRDER
SCALE 1:500



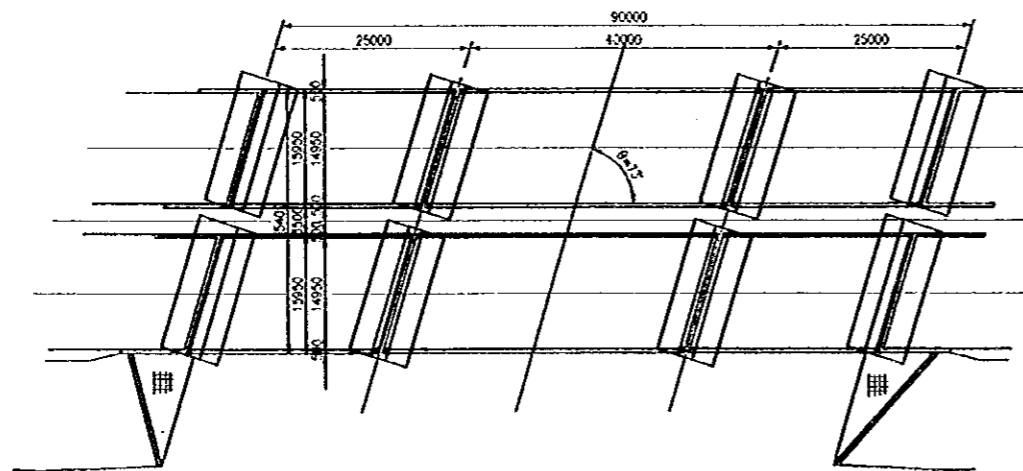
DETAIL
SCALE 1:100



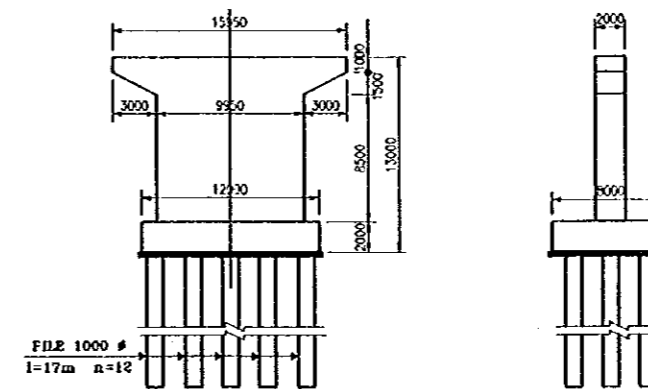
PROFILE
SCALE 1:1000



ABUTMENT
SCALE 1:500

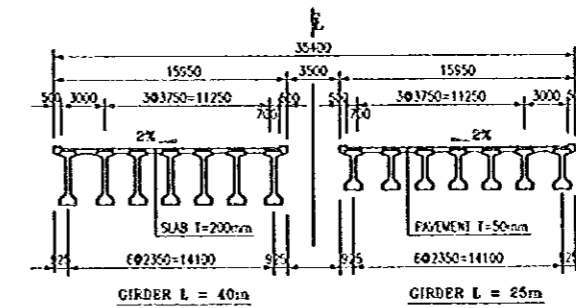
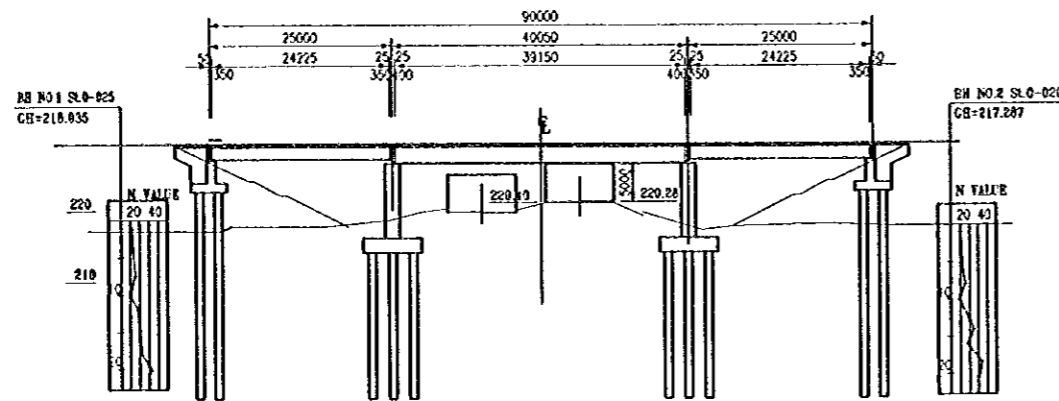


PLAN
SCALE 1:1000



PIER
SCALE 1:500

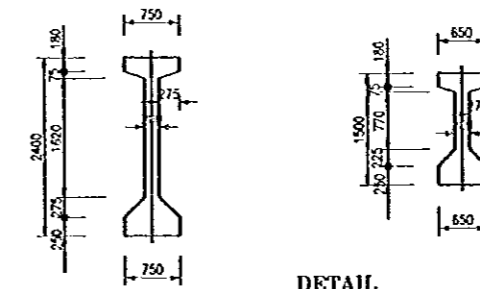
PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
KUNDLI-GHAZIABAD EXPRESSWAY	NCR	5/11	073
NATIONAL HIGHWAY NO.1 FLY-OVER		SCALE : INDICATED	



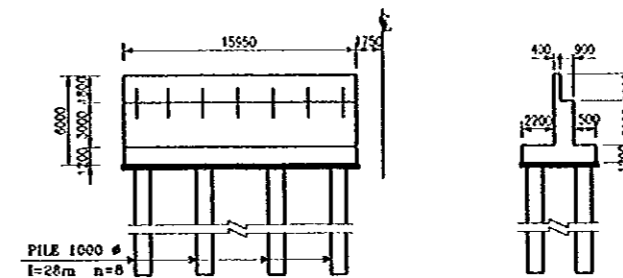
SECTION OF PC
SCALE 1:500

VERTICAL ALIGNMENT	1.500%					1.500%					
VERTICAL CURVE LENGTH	VCL=620m					VCR=23,800m					
FINISHED LEVEL	220.16	220.17	220.18	220.19	220.20	220.21	220.22	220.23	220.24	220.25	
GROUND LEVEL	220.00										
STATION NUMBER	0+480	0+490	0+500	0+510	0+520	0+530	0+540	0+550	0+560	0+570	

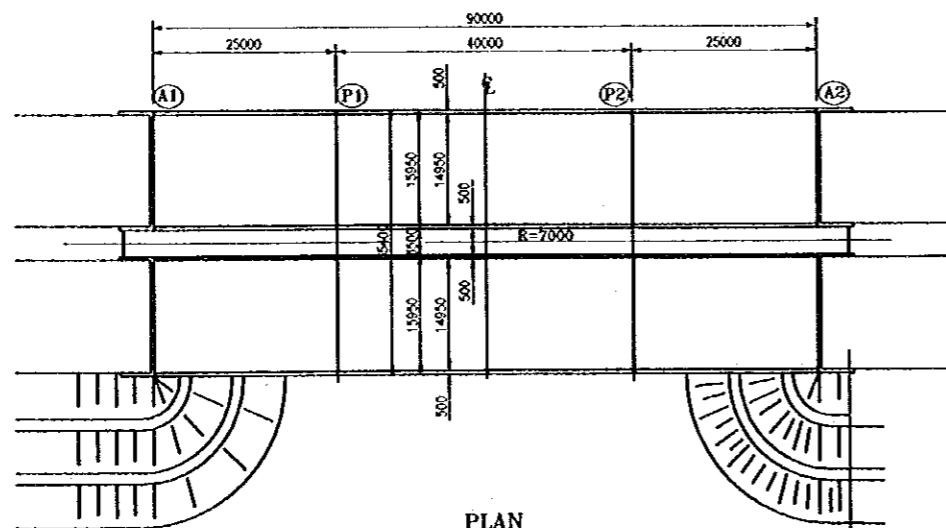
PROFILE
SCALE 1:1000



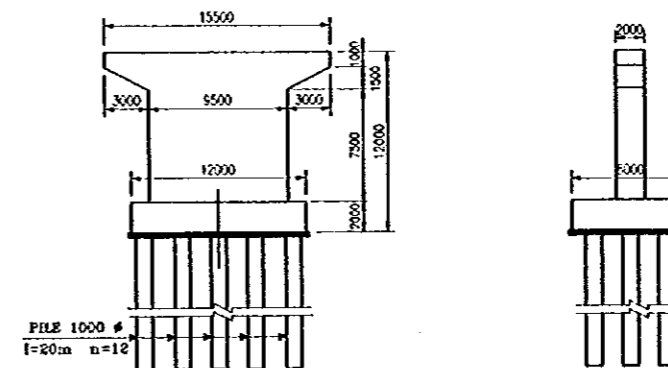
DETAIL
SCALE 1:100



ABUTMENT
SCALE 1:500

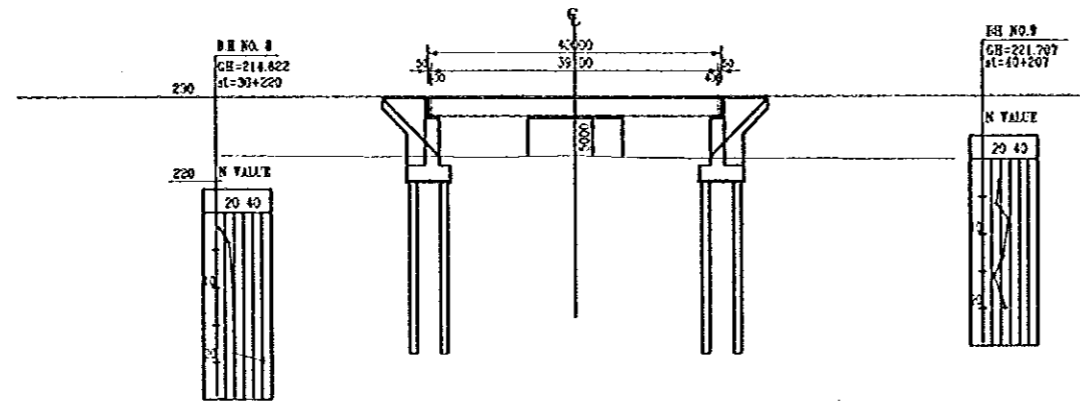


PLAN
SCALE 1:1000



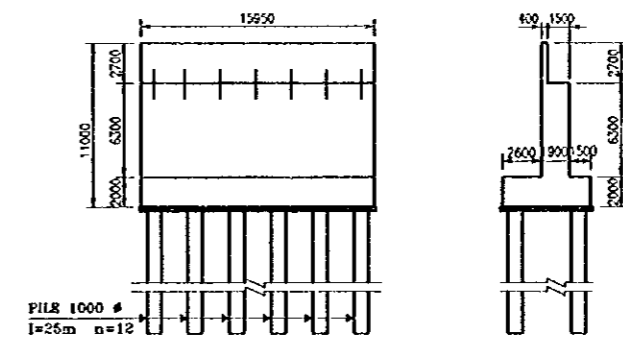
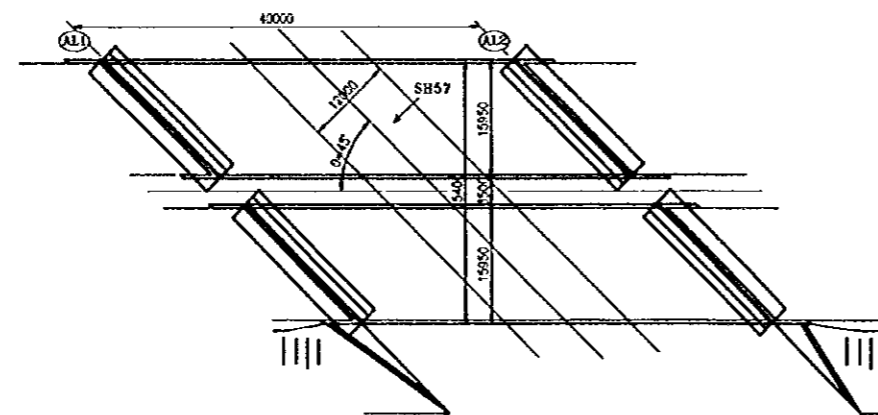
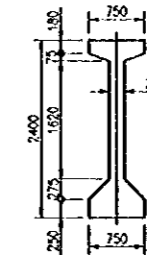
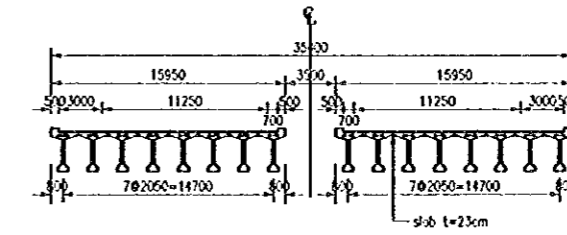
PIER
SCALE 1:500

PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
KUNDLI-GHAZIABAD EXPRESSWAY	NCR	6/11	074
STATE HIGHWAY NO.57 FLYOVER		SCALE : INDICATED	

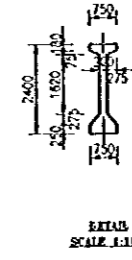
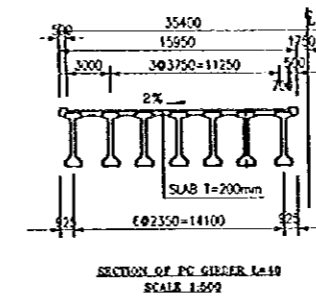
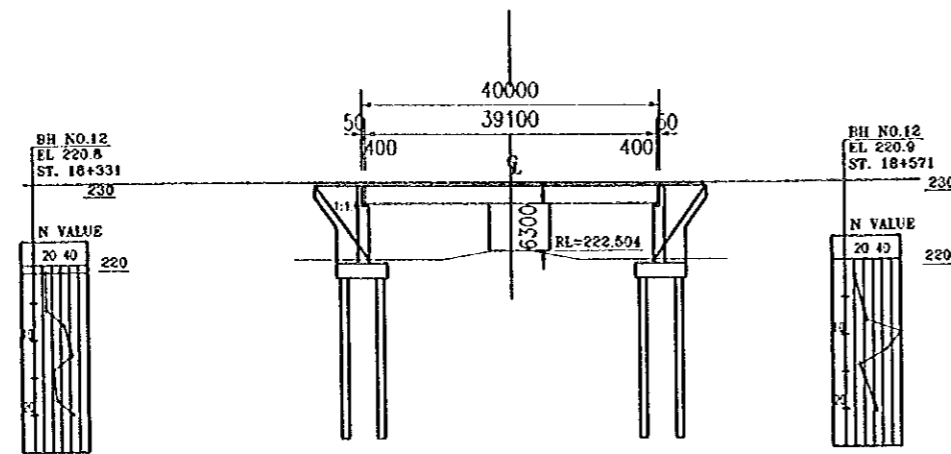


VERTICAL ALIGNMENT	2.00%									
VERTICAL CURVE LENGTH	4.25	4.11	4.88	4.85	31.72m	4.85	4.88	4.11	4.25	4.55
FINISHED LEVEL	220.134	220.173	220.182	220.182	220.182	220.182	220.182	220.173	220.134	220.114
GROUND LEVEL	221.78	221.14	221.182	221.182	221.182	221.182	221.182	221.182	221.182	221.182
STATION NUMBER	14+654	14+670	14+684	14+698	14+710	14+726	14+738	14+750	14+762	14+776

PROFILE
SCALE 1:1000

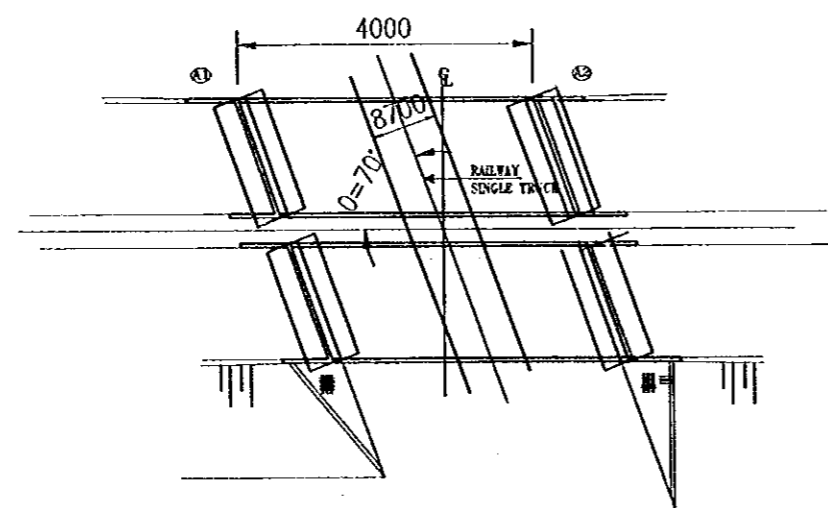


PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
KUNDLI-GHAZIABAD EXPRESSWAY	NCR	7/11	075
KHEKRA RAILWAY FLYOVER		SCALE : INDICATED	

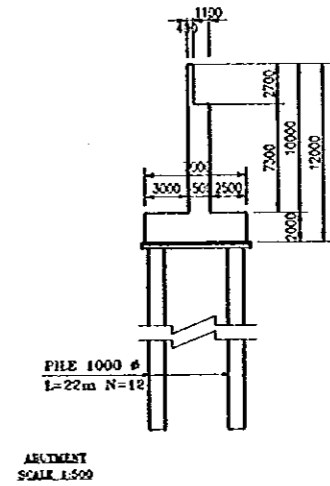
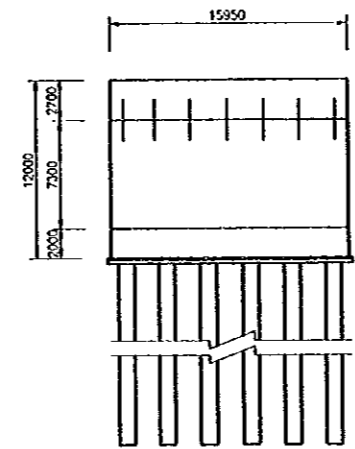


VERTICAL ALIGNMENT						
VERTICAL CURVE LENGTH	YCL=800m YCR=22900m					
FINISHED LEVEL	230.02	230.02	230.02	230.02	230.02	230.02
GROUND LEVEL	220.00	220.00	220.00	220.00	220.00	220.00
STATION NUMBER	18+400	18+400	18+400	18+400	18+400	18+400

PROFILE
SCALE 1:1000

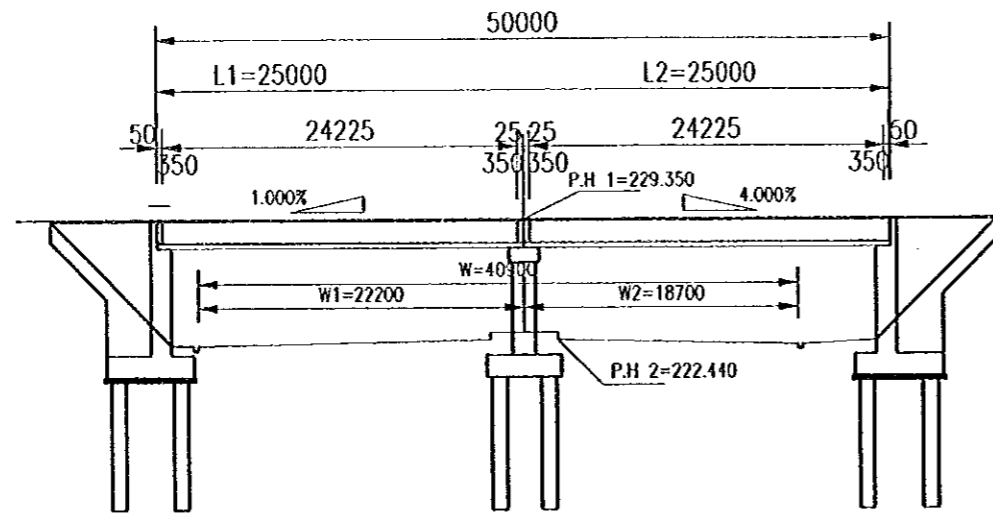


PLAN
SCALE 1:1000



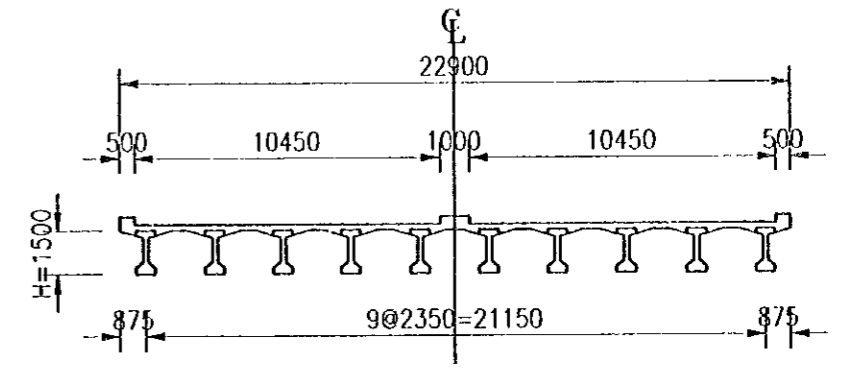
DETAIL
SCALE 1:500

PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
KUNDLI-GHAZIABAD EXPRESSWAY	NCR	8/11	076
INTERCHANGE FLYOVER		SCALE : INDICATED	

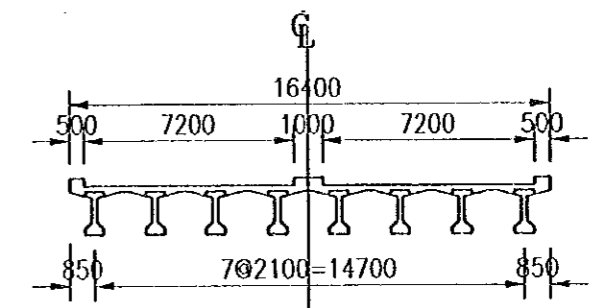


NOTE:-THIS PROFILE IS KUNDLI FOR A SAMPLE

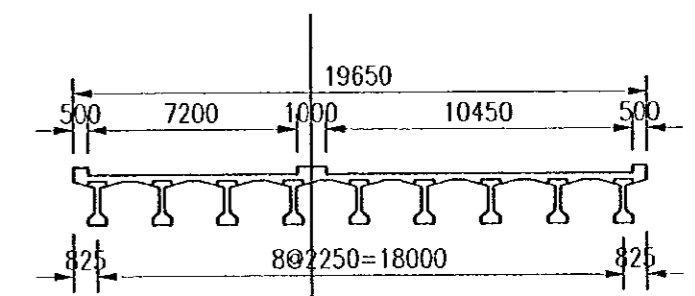
BRIDGE SECTION
SCALE 1:250



KUNDLI, GHAZIABAD(1) AND (2)



KHEKHRA

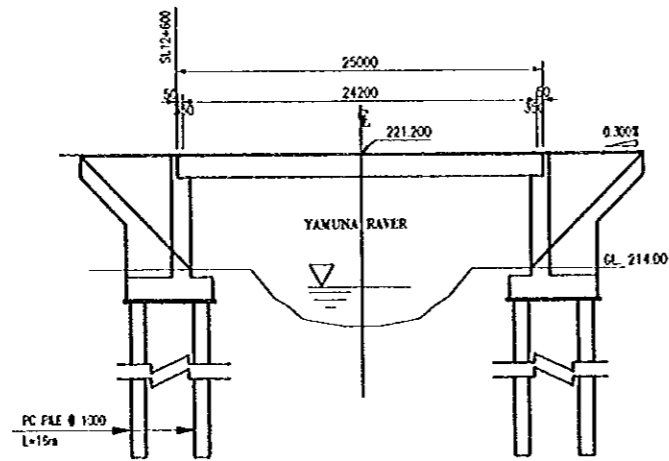


MODINAGAR

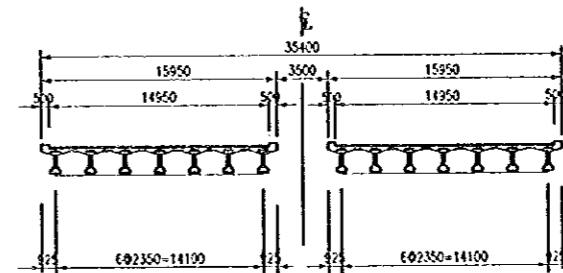
BRIDGE SECTION
SCALE 1:250

STATION	BRIDGE FOR RAMP						ANGLE (0°)	NAME	FLYOVERED ROAD			REMARKS
	LENGTH(m)			WIDTH(m)					WIDTH(m)			
	L	L1	L2	B	B1	B2			W	W1	W2	
KUNDLI	50	25	25	22.90	11.45	11.45	72	EXPRESS	40.90	22.20	18.70	
KHEKHRA	50	25	25	16.40	8.20	8.20	90	EXPRESS	40.90	22.20	18.70	
MODI NAGAR	50	25	25	19.65	8.20	11.45	90	EXPRESS	40.90	22.20	18.70	
GHAZIDABAD(1)	50	25	25	22.90	11.45	11.45	90	N.H No.24	32.00	16.00	16.00	
GHAZIDABAD(2)	80	40	40	22.90	11.45	11.45	90	EXPRESS	51.65	29.20	22.45	

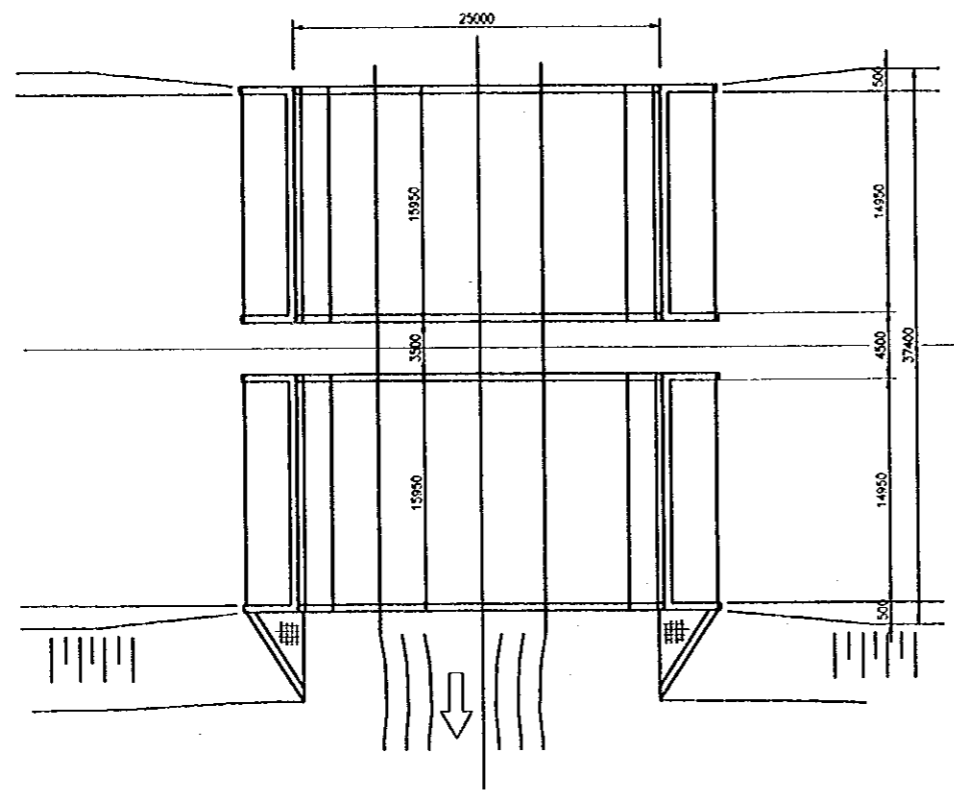
PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
KUNDLI-GHAZIABAD EXPRESSWAY	NCR	9/11	077
YAMUNA TRIBUTARY BRIDGE		SCALE : INDICATED	



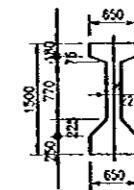
PROFILE
SCALE 1:500



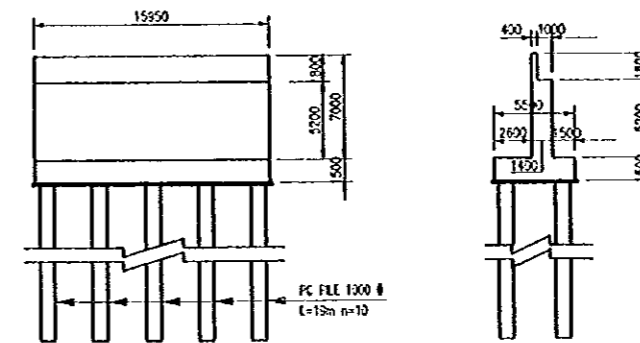
SECTION OF PC GIRDER L=25m
SCALE 1:500



PLAN
SCALE 1:500

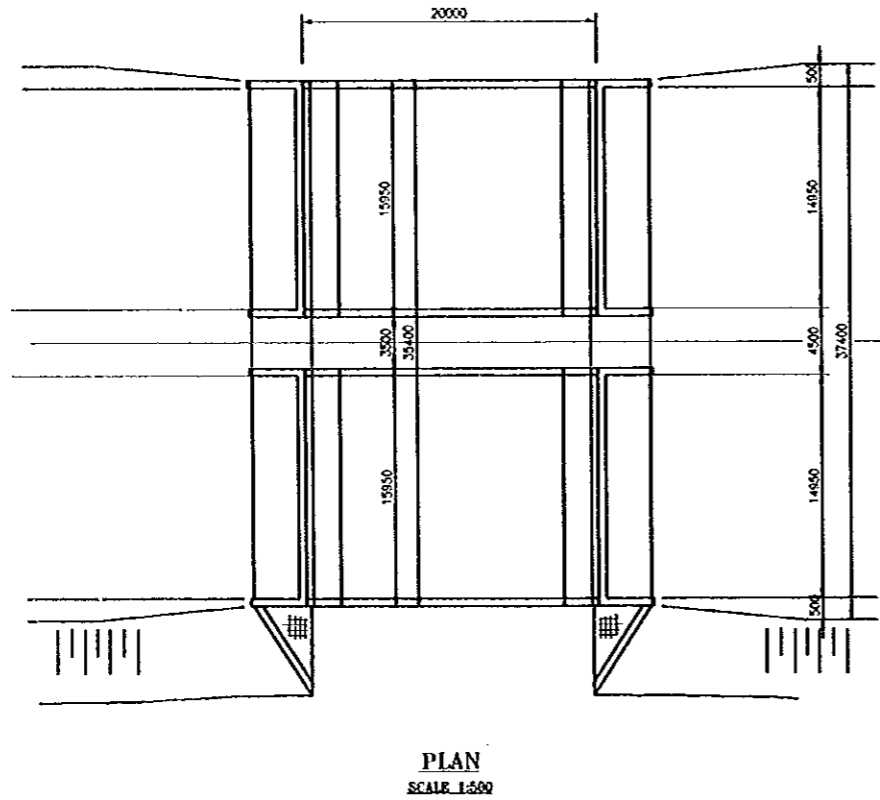
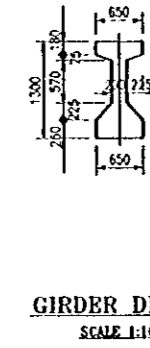
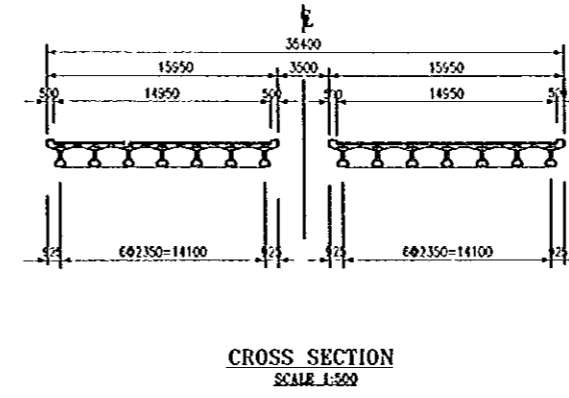
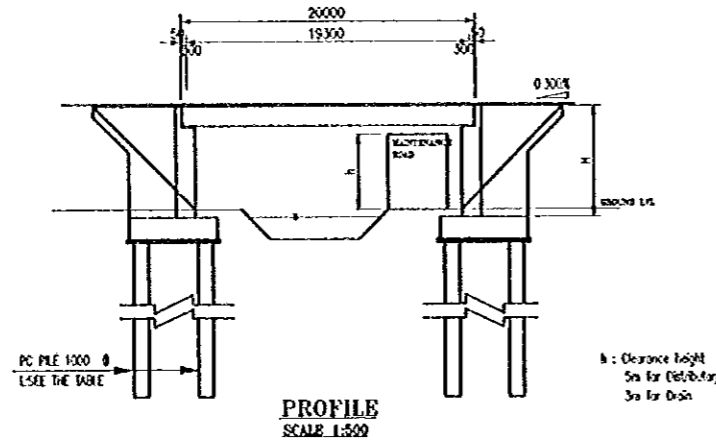


DETAIL
SCALE 1:100



ABUTMENT
SCALE 1:500

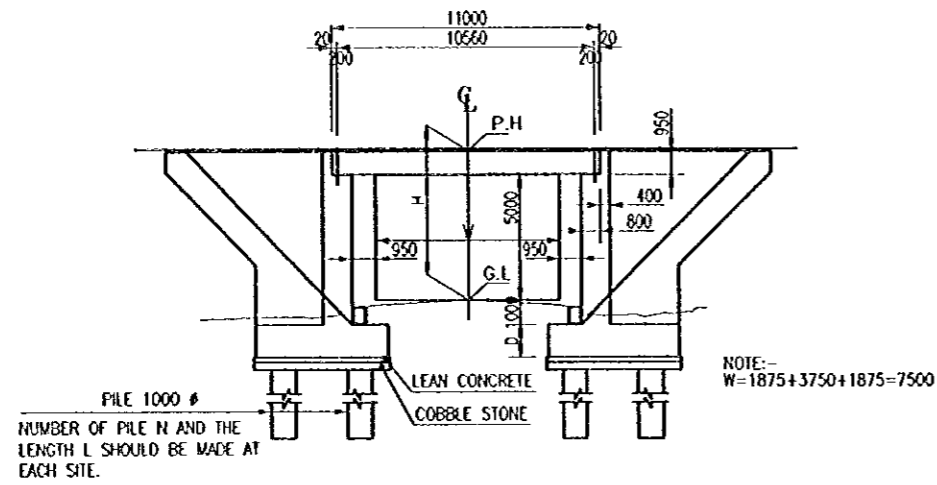
PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
KUNDLI-GHAZIABAD EXPRESSWAY	NCR	10/11	078
DRAIN / DISTRIBUTARY BRIDGES		SCALE : INDICATED	



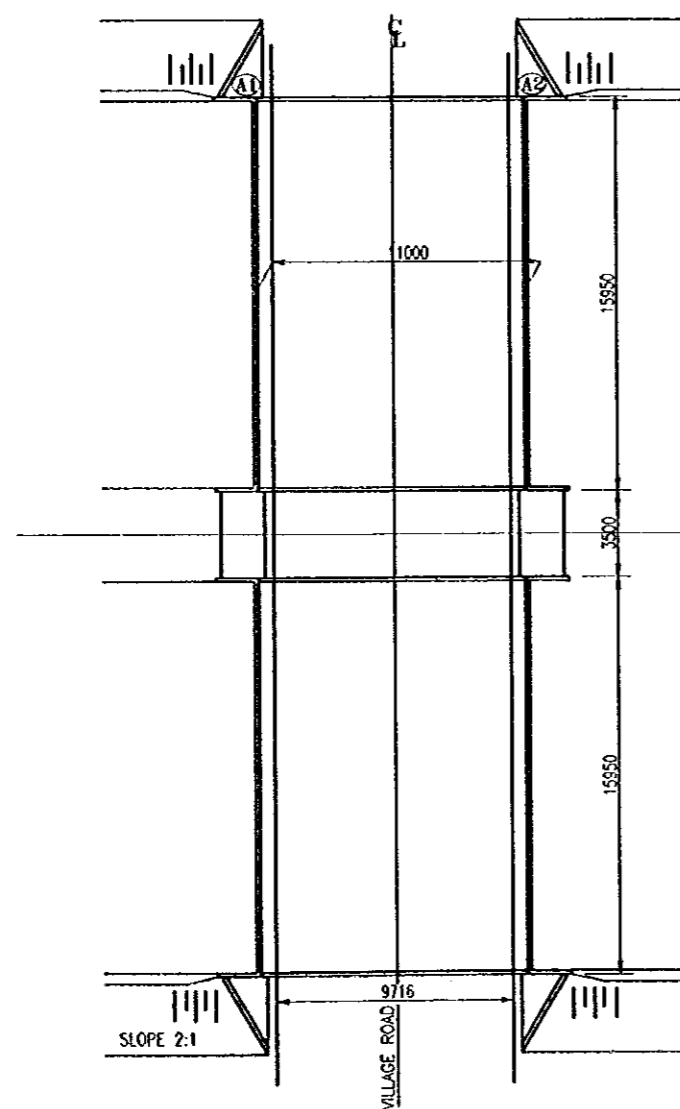
NO.	STATION	P.R(m)	C.L(m)	B(m)	L(m)	n
1.	01+975	224.58	218.00	6.6	18	8
2.	19+230	227.37	220.40	7.0	17	8
3.	19+810	227.85	220.50	7.4	17	8
4.	22+440	228.05	217.80	8.2	10	10
5.	39+660	222.65	213.50	9.1	20	10

NO.	STATION	P.R(m)	C.L(m)	B(m)	L(m)	n
1.	12+895	222.38	213.40	9.0	10	10
2.	19+160	223.86	218.90	7.0	11	8
3.	22+649	225.37	217.40	8.0	11	10
4.	34+455	228.70	220.40	8.3	15	10
5.	35+855	224.72	219.40	5.3	15	8
6.	37+480	225.63	220.50	5.1	15	8
7.	39+010	227.40	221.60	5.8	16	8

PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
KUNDLI-GHAZIABAD EXPRESSWAY	NCR	11/11	079
VILLAGE ROAD FLYOVERS	SCALE: H=1:300		

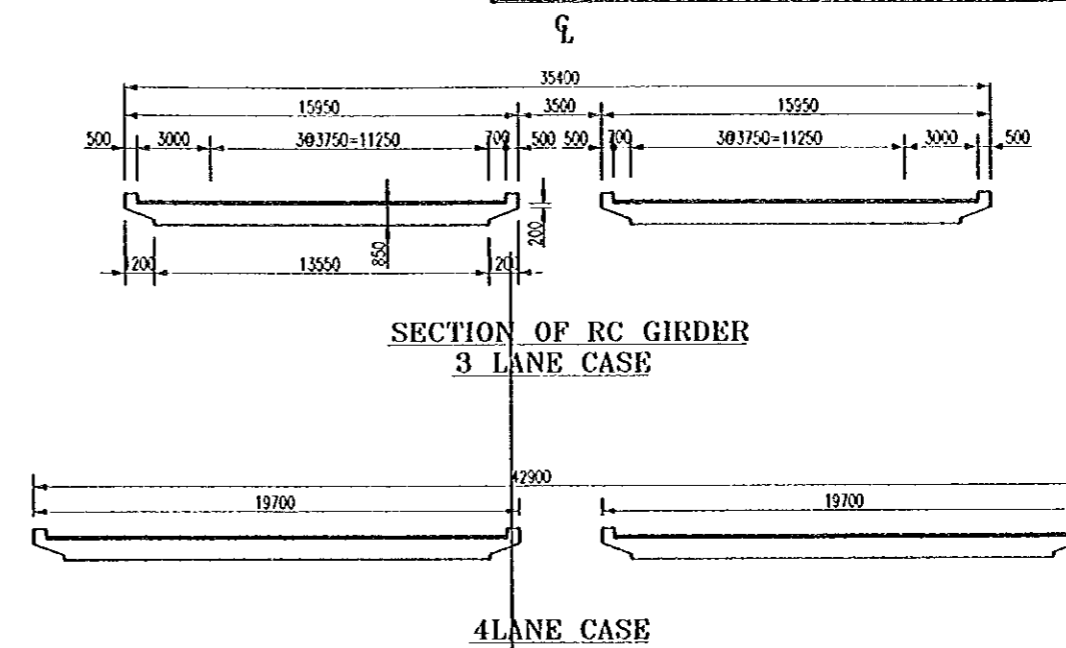


PROFILE



PLAN

THE STRETCH 50m IN EACH SIDE FROM THE EXPRESSWAY CENTER SHOULD BE DESIGNED FOR THE PROJECT.



STATION	K-G ROUTE						
	P.L	G.L	H(m)	D(m)	L(m)	W(m)	n
00+990	226.66	218.50	8.16	1.80	23	7.0	10
03+400	223.69	217.60	6.09	1.50	23	6.0	8
07+120	222.72	215.20	7.52	1.50	23	6.5	8
18+555	231.35	220.50	10.85	1.80	19	8.5	10
22+230	230.42	219.40	11.02	1.80	12	8.5	10
25+195	225.79	217.00	8.79	1.80	10	7.0	10
29+540	217.35	210.00	7.35	1.50	17	6.5	8
31+300	214.35	207.30	7.05	1.50	15	6.5	8
36+880	214.36	207.50	6.86	1.50	12	6.0	8
38+490	218.66	211.50	7.36	1.50	18	6.5	8
39+855	221.93	215.00	6.93	1.50	20	6.0	8

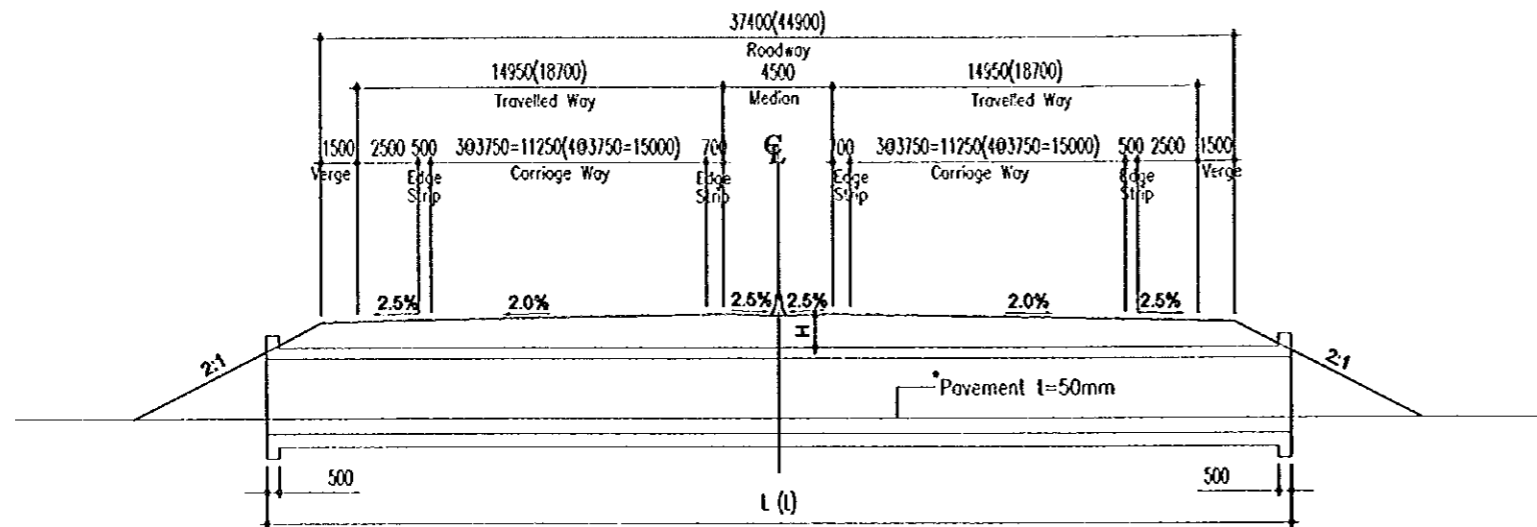
STATION	G-M ROUTE						
	P.L	G.L	H(m)	D(m)	L(m)	W(m)	n
01+525#	207.30	200.80	6.50	1.50	12	6.0	10
03+680#	213.62	206.20	7.55	1.50	18	6.5	10
05+460#	219.64	213.00	6.64	1.50	15	6.0	10
07+765#	220.88	214.00	6.88	1.50	16	6.0	10
11+300	219.76	212.20	7.56	1.50	17	6.5	8
15+025	219.65	212.20	7.45	1.50	17	6.5	8
16+235	219.05	213.50	6.35	1.50	15	6.0	8
23+325	224.28	217.50	6.78	1.50	20	6.0	8
26+490	224.73	218.50	6.23	1.50	21	6.0	8
32+150	226.65	220.00	6.65	1.50	15	6.0	8

MARK MEANS THE ROAD WITH 4 LANES.

NOTES :

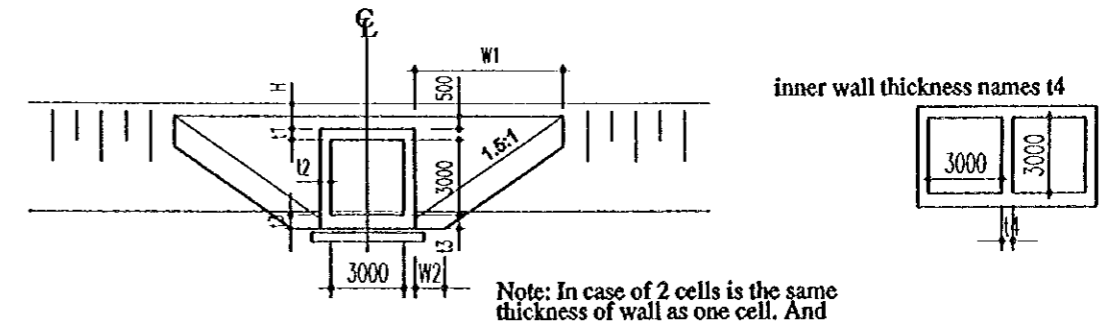
- 1) P.H MEANS PLAN HEIGHT
- 2) G.L MEANS GROUND LEVEL
- 3) H MEANS DISTANCE BETWEEN P.H AND G.L
- 4) D MEANS FOOTING THICKNESS
- 5) L MEANS LENGHT OF PILE
- 6) N MEANS NUMBER OF PILE

PROJECT	STATE / REGION	SHEET NO.	TOTAL SHEET
GM AND KG EXPRESSWAY	NCR	1/2	080
BOX CULVERT	SCALE:H=1:300		



PROFILE SCALE : 1:300

Notes: * Pavement shall be provided for Cort Track
Values in brackets indicate 4 lanes road

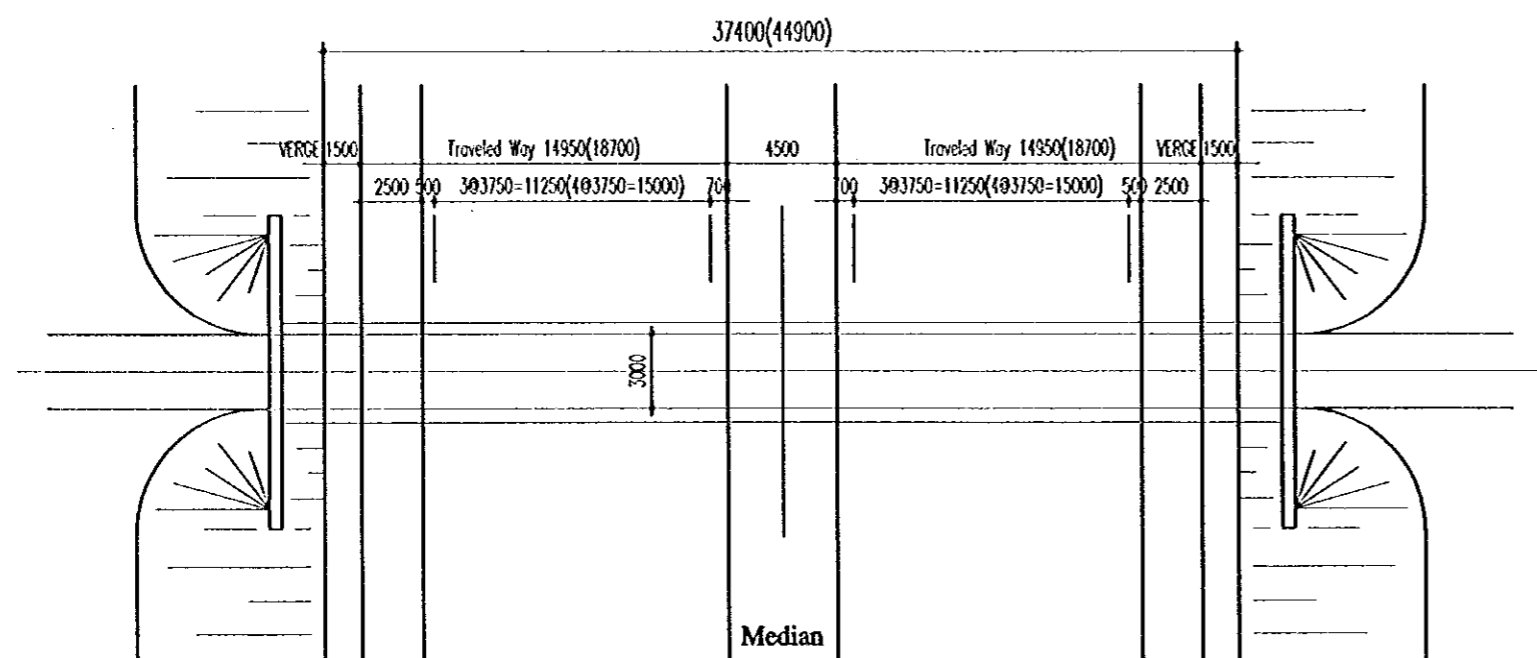


SECTION SCALE : 1:300

(Unit: mm)

H(m)	t1	t2	t3	t4	W1(m)	W2	L(m)	TYPE	
								1cell	2cell
1	450	450	550	250	6.0	700	42(49)	A1	B1
2	450	450	550	250	6.0	700	46(53)	A2	B2
3	500	500	600	250	6.0	600	50(57)	A3	B3
4	550	550	650	250	6.0	550	54(61)	A4	B4
5	550	550	650	250	6.0	550	58(65)	A5	B5

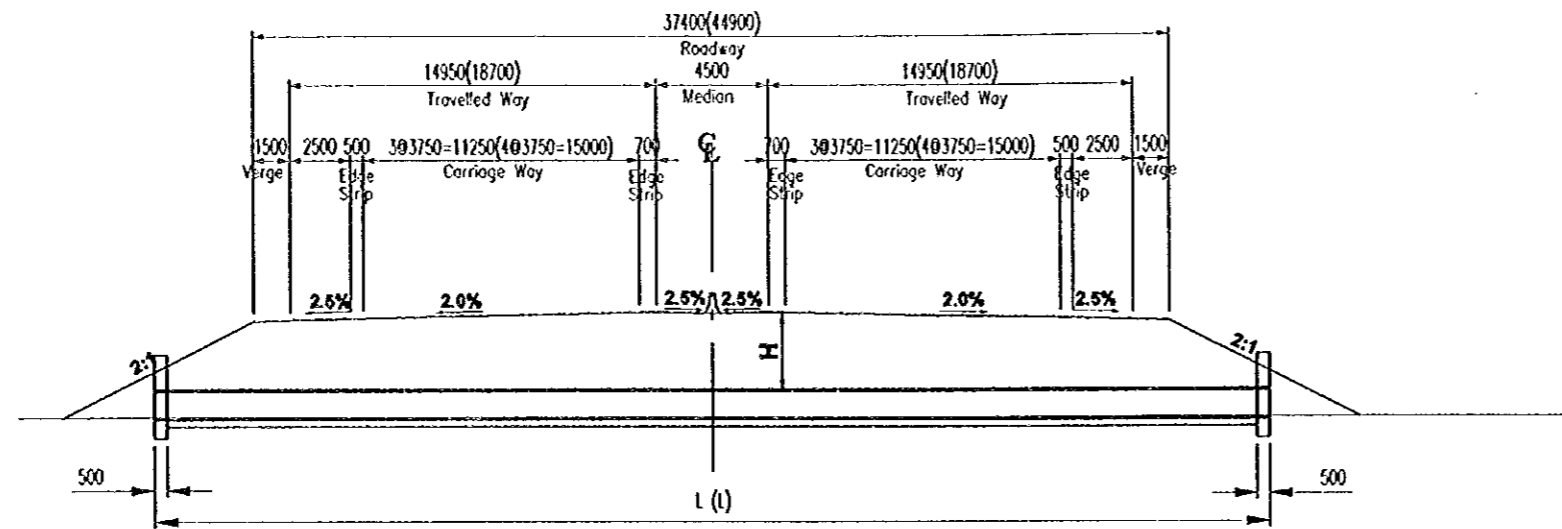
Note: Values in brackets () are for 4 lanes



PLAN SCALE : 1:300

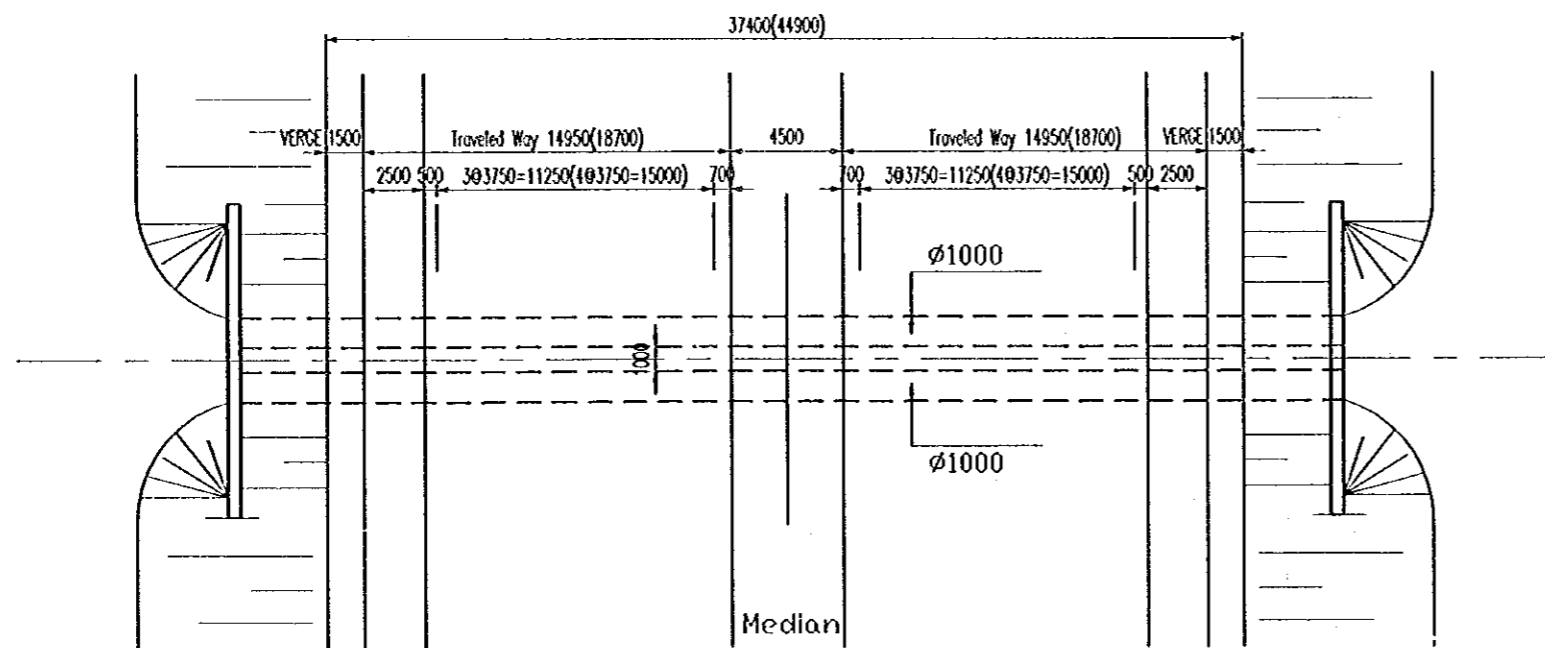
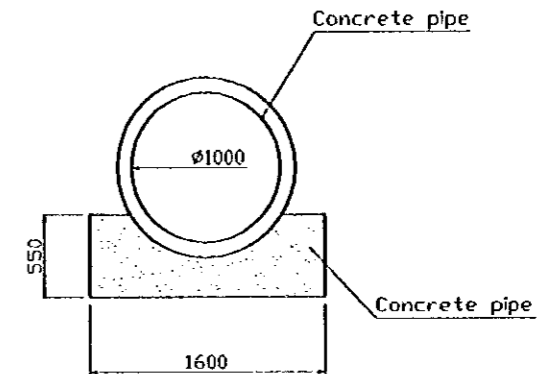
K - G ROUTE				M - G ROUTE			
STATION	TYPE	STATION	TYPE	STATION	TYPE	STATION	TYPE
1+360	A5	18+155	A5	00+800	A1	29+255	A2
02+360	A2	19+430	A5	02+795	A1	29+725	B2
02+710	A1	21+605	A2	04+270	A2	31+350	A1
02+975	A1	23+900	A1	05+945	A4	32+630	A3
03+740	A2	24+900	A2	07+490	A3	33+035	A1
04+150	A2	26+475	A1	08+345	A2	33+300	A1
04+865	A1	26+720	B3	10+510	A1	33+830	A2
05+395	A2	27+675	A1	10+735	B4	34+175	A5
06+150	A1	29+300	A1	11+575	A1	34+720	A2
07+470	A3	31+000	A1	12+200	A2	36+180	A1
07+980	A1	31+600	A1	15+475	A1	37+735	A1
08+465	A3	33+470	A3	17+890	A1	38+890	A1
09+570	A1	34+635	A2	19+000	A1		
10+525	A2	34+850	A2	20+060	A1		
13+205	A4	35+190	A1	21+950	A1		
15+400	A1	36+555	A4	23+880	A1		
16+430	A1	37+300	A1	25+800	A1		
16+660	A3	39+190	A3	26+190	A3		
17+110	A3	39+660	B5	26+705	A2		
17+425	A1			28+730	A2		

PROJECT	STATE/REGION	SHEET NO.	TOTAL SHEET
GM AND KG EXPRESSWAY	NCR	2/2	081
PIPE CULVERT	SCALE: INDICATED		

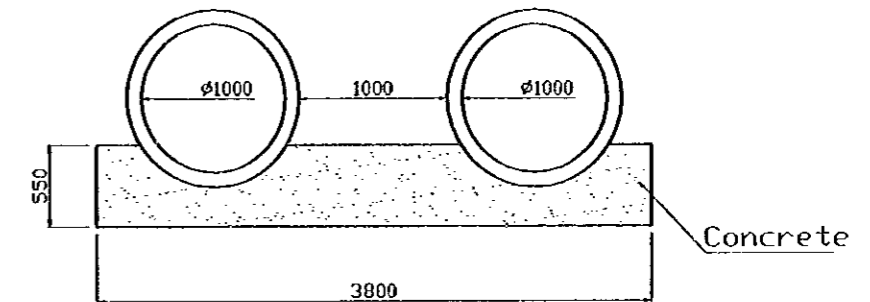


PROFILE SCALE : 1:300

Notes: Values in brackets indicate 4 lanes road



PLAN SCALE : 1:300



K - G ROUTE				G - M ROUTE			
STATION	H(m)	PIPE No	LENGTH(m)	STATION	H(m)	PIPE No	LENGTH(m)
24+650	3	1	50	1+200	5	1	65
24+700	5	1	58	25+035	1	2	42
				26+380	5	2	58
				A1	27+665	2	46
				A2	27+940	2	46
				A1	31+920	5	58
				B3	32+370	5	58
				A1	34+975	2	46