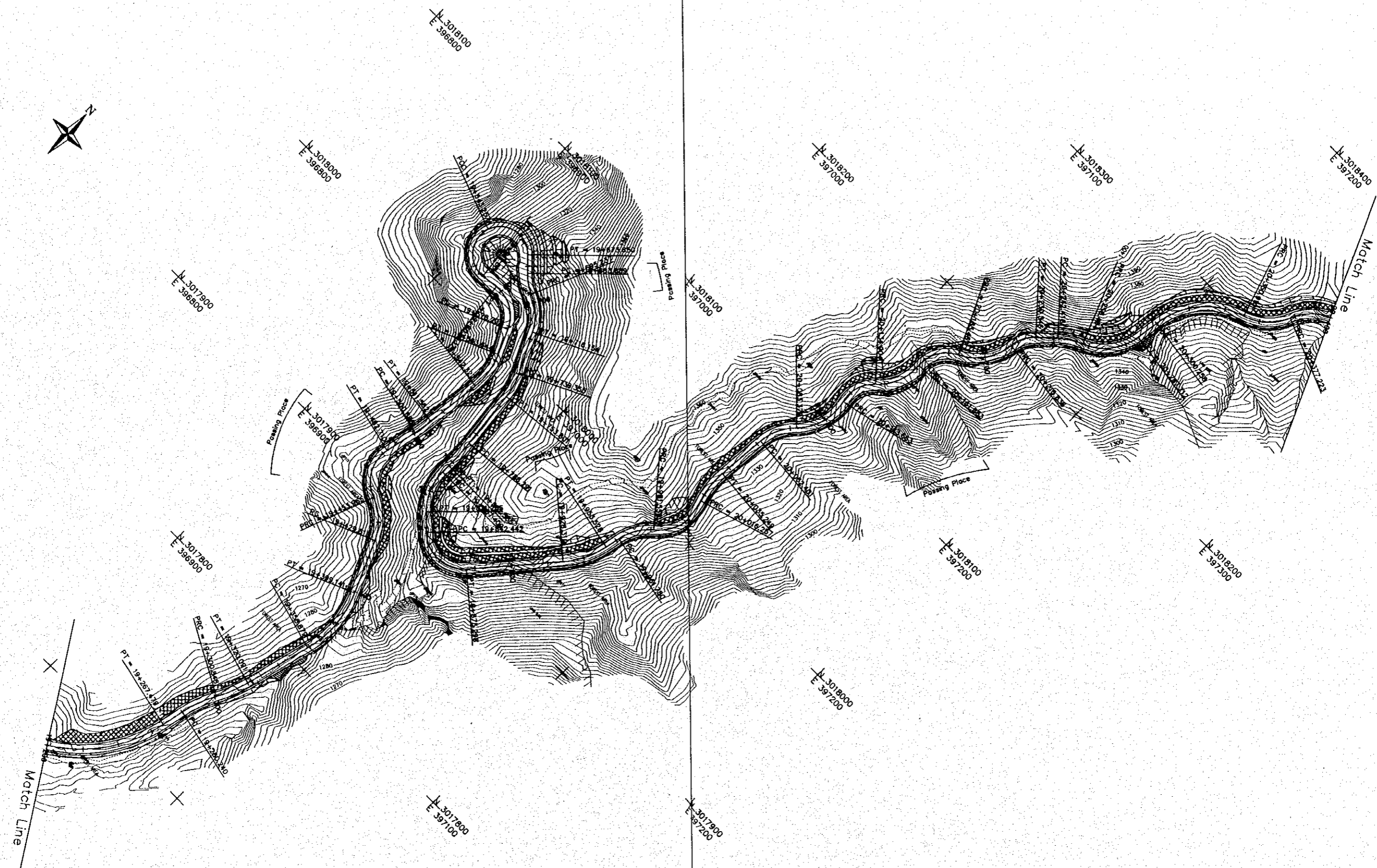


A-2-33 : PLAN AND PROFILE  
STA.19+200 - STA.20+400



SCALE : 1 : 2000

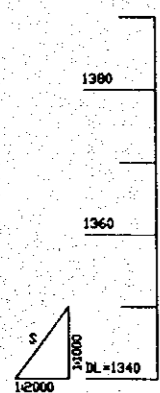
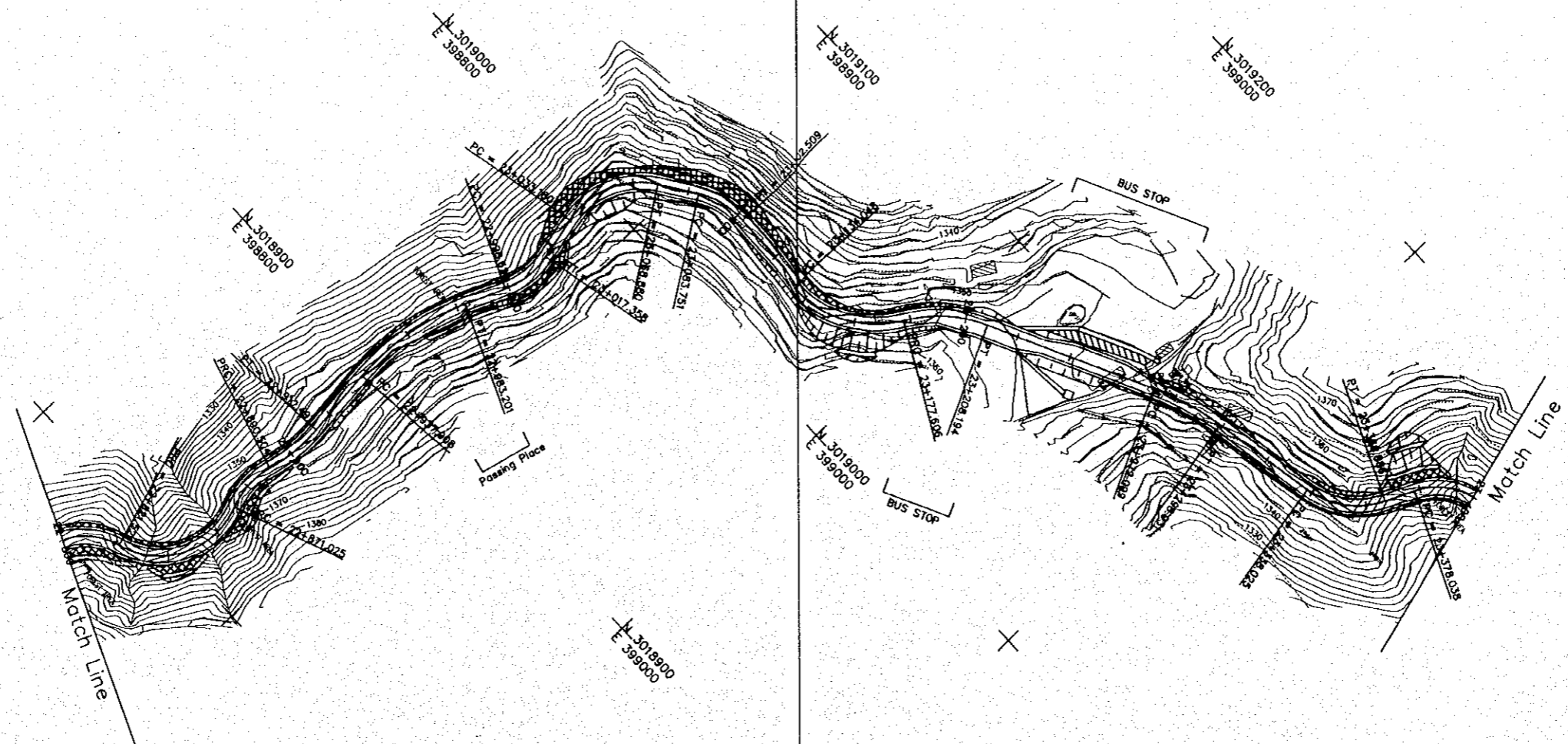






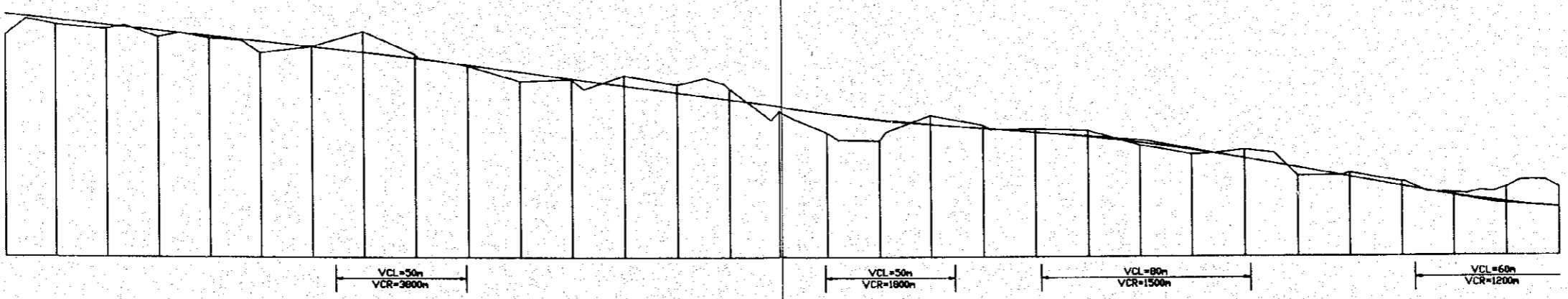
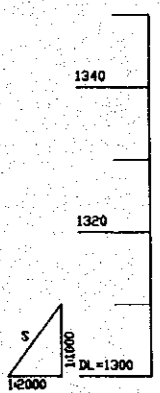
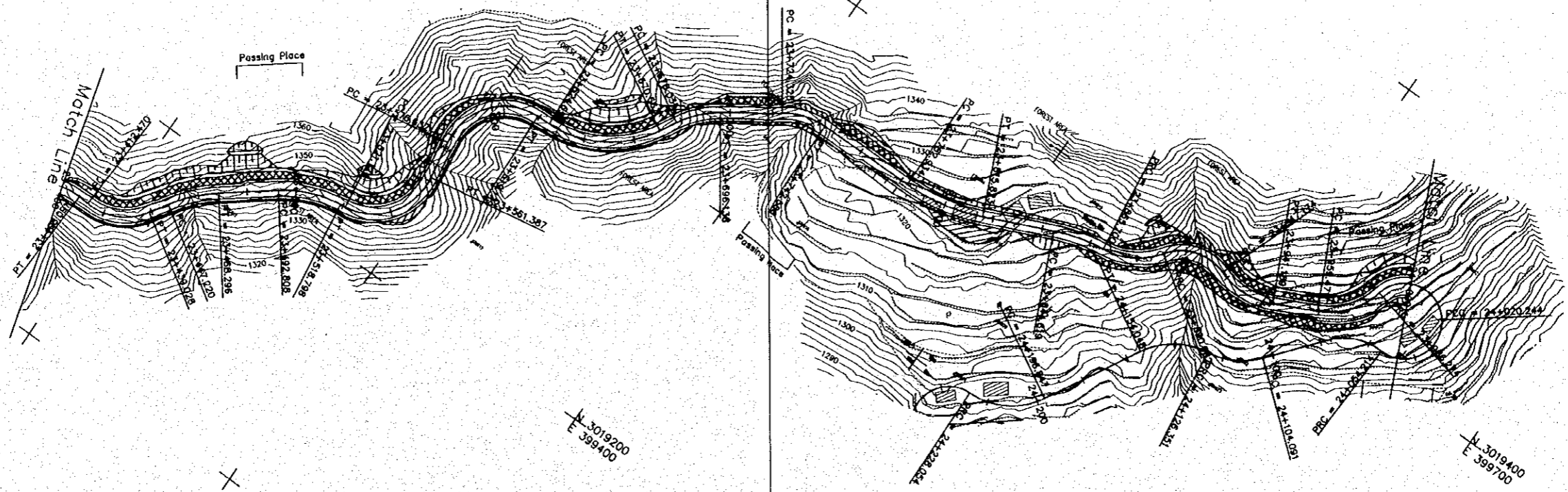


A-2-38 : PLAN AND PROFILE  
 STA.22+800 - STA.23+400



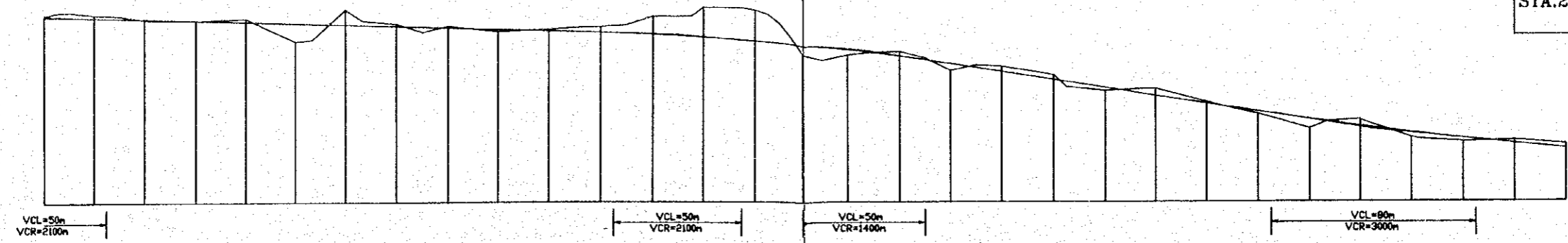
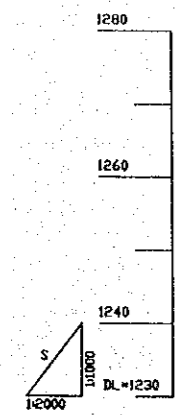
GRADE	-4.00% 609.00m										1355.56	-1.00% 250.00m										1353.06	-5.30% 278.00m									
PROPOSED HEIGHT	1364.60	1363.80	1363.00	1362.20	1361.40	1360.60	1359.80	1359.00	1358.20	1357.40	1356.62	1355.96	1355.31	1354.62	1354.42	1354.22	1354.02	1353.82	1353.62	1353.42	1353.11	1352.55	1351.75	1350.73	1349.67	1348.61	1347.55	1346.49				
GROUND HEIGHT	1363.29	1361.01	1360.04	1356.70	1360.19	1358.41	1358.27	1357.25	1354.78	1353.96	1354.43	1356.63	1353.34	1354.94	1352.26	1354.82	1353.42	1354.39	1353.61	1352.12	1351.76	1352.34	1350.00	1349.32	1348.36	1348.38	1349.43	1346.52				
STATION	+800	+820	+840	+860	+880	+900	+920	+940	+960	+980	STA.23	+020	+040	+060	+080	+100	+120	+140	+160	+180	+200	+220	+240	+260	+280	+300	+320	+340	+360	+400		
CURVE ELEMENT	R=25.00		R=30.00		R=30.00		L=25.42		R=90.00		R=30.00		R=30.00		L=31.54		R=50.00		L=63.91		R=100.00		L=39.10		R=25.00							
SUPER ELEVATION	4.0%										0%										0%										Left	Right

A-2-39 : PLAN AND PROFILE  
 STA.23+400 - STA.24+000

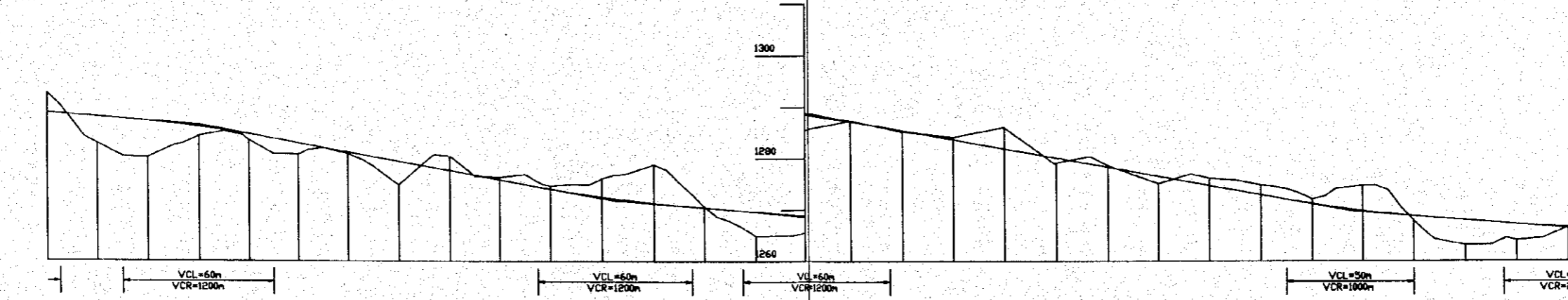
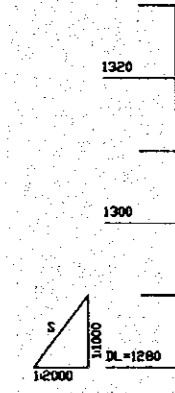


GRADE																																
PROPOSED HEIGHT	1346.49	1345.43	1344.37	1343.31	1342.25	1341.19	1340.13	1339.05	1337.98	1336.61	1335.29	1333.97	1332.65	1331.33	1330.01	1328.69	1327.37	1326.17	1325.20	1324.42	1323.66	1322.79	1321.67	1320.29	1318.65	1316.85	1315.05	1313.25	1311.54	1310.16	1309.11	
GROUND HEIGHT	1342.52	1344.46	1343.69	1342.09	1341.85	1339.83	1340.13	1339.05	1338.68	1336.44	1333.83	1333.74	1334.59	1332.84	1330.04	1327.78	1323.71	1322.09	1326.87	1325.02	1324.42	1323.66	1322.79	1321.14	1319.46	1320.27	1315.31	1315.80	1314.08	1311.95	1312.92	1312.92
STATION	+400	+420	+440	+460	+480	+500	+520	+540	+560	+580	+600	+620	+640	+660	+680	+700	+720	+740	+760	+780	+800	+820	+840	+860	+880	+900	+920	+940	+960	+980	STA.24	
CURVE ELEMENT	R=25.00		R=60.00		L=24.51		R=50.00		R=25.00				R=40.00		L=28.19		R=30.00		L=40.37		L=28.79		R=70.00		R=20.00		L=18.28		R=15.00			
SUPER ELEVATION	4.00%						R=25.00						R=45.00						R=80.00				R=30.00		R=30.00		R=30.00		R=30.00			
																	Left		Right													

A-2-40 : PLAN AND PROFILE  
 STA.24+000 - STA.26+400



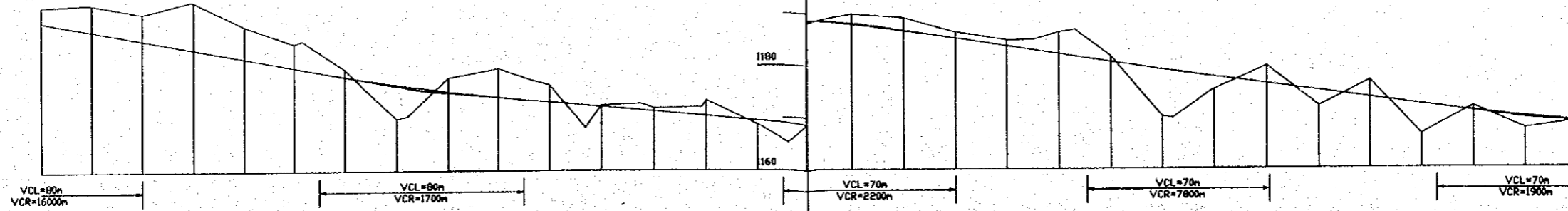
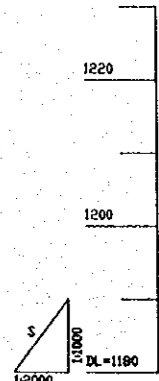
GRADE																																
PROPOSED HEIGHT	1266.30	1266.04	1265.71	1265.39	1265.07	1264.75	1264.43	1264.11	1263.79	1263.47	1263.15	1262.83	1262.46	1261.90	1261.15	1259.35	1259.40	1259.15	1258.65	1258.11	1257.57	1257.03	1256.49	1248.95	1247.41	1245.91	1244.54	1243.31	1242.20	1241.20	1240.20	
GROUND HEIGHT	1266.56	1266.61	1265.95	1265.38	1265.70	1266.14	1267.37	1264.57	1264.12	1263.05	1263.43	1263.92	1263.98	1267.63	1267.17	1258.72	1258.35	1259.01	1255.32	1256.08	1255.11	1254.49	1254.42	1253.87	1249.25	1246.96	1244.07	1243.82	1242.36	1241.52	1241.80	1241.01
STATION	+600	+620	+640	+660	+680	+700	+720	+740	+760	+780	+800	+820	+840	+860	+880	+900	+920	+940	+960	+980	STA.25	+020	+040	+060	+080	+100	+120	+140	+160	+180	+200	
CURVE ELEMENT	R=30.00		R=30.00		L=46.03		R=20.00		L=23.31		R=40.00		L=35.94		R=30.00		R=15.00		R=5.00		L=85.01		R=35.00		L=34.04		R=50.00		L=16.91		R=60.00	
SUPER ELEVATION																																



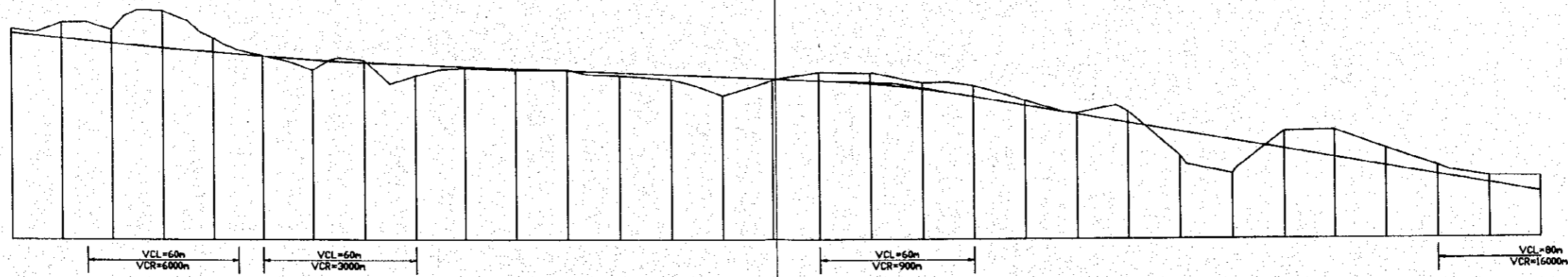
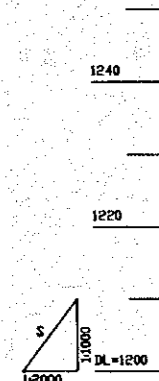
GRADE																															
PROPOSED HEIGHT	1309.11	1308.30	1307.46	1306.32	1304.86	1303.10	1301.30	1299.50	1297.70	1295.90	1294.11	1292.56	1291.34	1290.45	1289.64	1288.59	1287.21	1285.50	1283.70	1281.90	1280.10	1278.30	1276.50	1274.70	1272.90	1271.15	1269.75	1268.75	1267.95	1267.16	1266.50
GROUND HEIGHT	1312.92	1303.08	1300.31	1304.52	1303.67	1300.87	1301.01	1294.89	1300.51	1296.36	1294.75	1296.13	1298.85	1290.63	1284.96	1283.53	1287.34	1283.24	1284.16	1286.03	1279.13	1278.61	1273.07	1276.10	1274.77	1272.05	1274.68	1267.88	1263.07	1263.98	1266.56
STATION	STA.24	+020	+040	+060	+080	+100	+120	+140	+160	+180	+200	+220	+240	+260	+280	+300	+320	+340	+360	+380	+400	+420	+440	+460	+480	+500	+520	+540	+560	+580	+600
CURVE ELEMENT	R=15.00		R=15.00		L=26.79		R=30.00		L=42.80		R=30.00		R=15.00		R=15.00		R=25.00		L=38.29		R=30.00		L=28.18		R=15.00		R=15.00		L=28.36		
SUPER ELEVATION																															



A-2-41 : PLAN AND PROFILE  
 STA.24+000 - STA.26+400

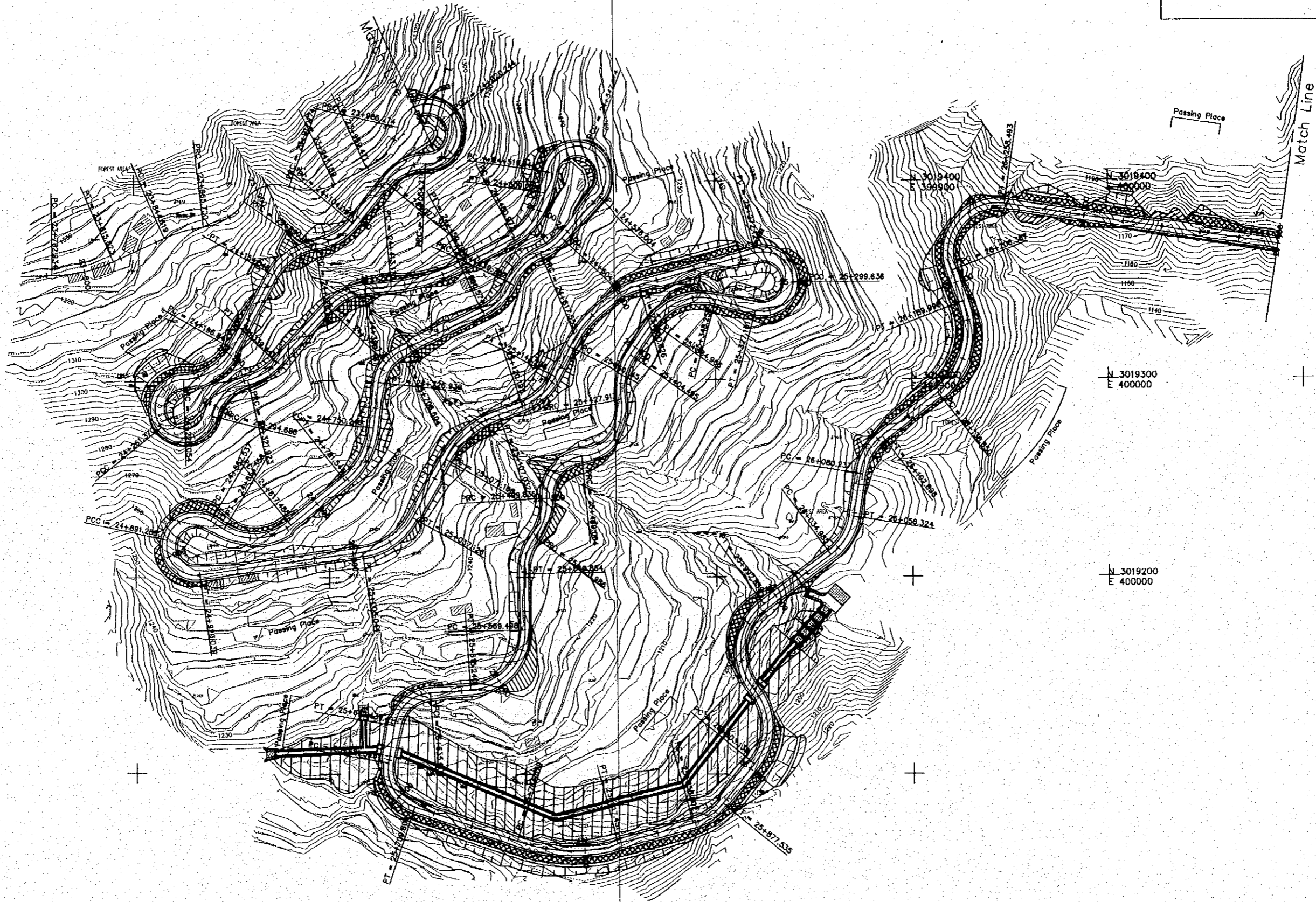


GRADE																															
PROPOSED HEIGHT	1208.70	1206.54	1203.15	1203.35	1201.55	1199.75	1197.96	1196.41	1195.07	1193.96	1193.05	1192.17	1191.29	1190.41	1189.53	1188.63	1187.55	1186.32	1184.99	1183.37	1181.85	1180.34	1178.86	1177.44	1176.07	1174.73	1173.39	1172.05	1170.76	1169.31	1167.81
GROUND HEIGHT	1211.71	1212.07	1212.25	1212.47	1212.72	1204.32	1199.42	1189.95	1197.70	1199.43	1196.29	1192.39	1191.87	1193.37	1188.76	1188.47	1189.55	1188.80	1186.84	1184.49	1186.00	1181.36	1169.90	1175.00	1179.44	1171.79	1176.62	1166.40	1171.61	1167.39	1168.75
STATION	+800	+820	+840	+860	+880	+900	+920	+940	+960	+980	STA.26	+020	+040	+060	+080	+100	+120	+140	+160	+180	+200	+220	+240	+260	+280	+300	+320	+340	+360	+380	+400
CURVE ELEMENT																															
SUPER ELEVATION																															



GRADE																															
PROPOSED HEIGHT	1240.20	1239.20	1238.21	1237.28	1236.41	1235.60	1234.87	1234.27	1233.80	1233.40	1233.00	1232.60	1232.20	1231.80	1231.40	1231.00	1230.60	1229.99	1228.93	1227.45	1225.75	1224.05	1222.35	1220.65	1218.95	1217.25	1215.55	1213.85	1212.15	1210.44	1208.70
GROUND HEIGHT	1241.01	1242.23	1240.76	1244.40	1239.12	1235.66	1232.85	1234.71	1231.64	1233.11	1233.40	1232.74	1232.77	1231.59	1230.85	1230.80	1229.74	1229.01	1228.33	1226.58	1225.69	1224.27	1224.52	1216.04	1212.50	1220.64	1220.81	1217.23	1213.87	1211.79	1211.71
STATION	+200	+220	+240	+260	+280	+300	+320	+340	+360	+380	+400	+420	+440	+460	+480	+500	+520	+540	+560	+580	+600	+620	+640	+660	+680	+700	+720	+740	+760	+780	+800
CURVE ELEMENT																															
SUPER ELEVATION																															

A-2-42 : PLAN AND PROFILE  
STA.24+000 - STA.26+400



SCALE : 1 : 2000

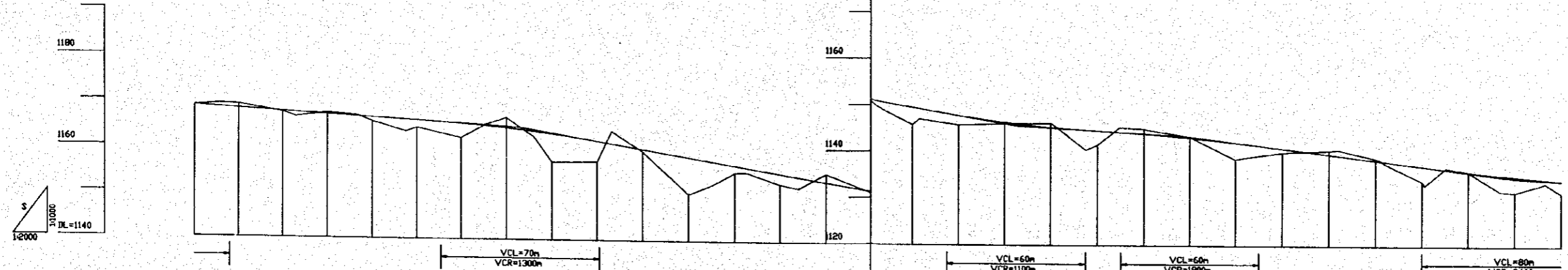
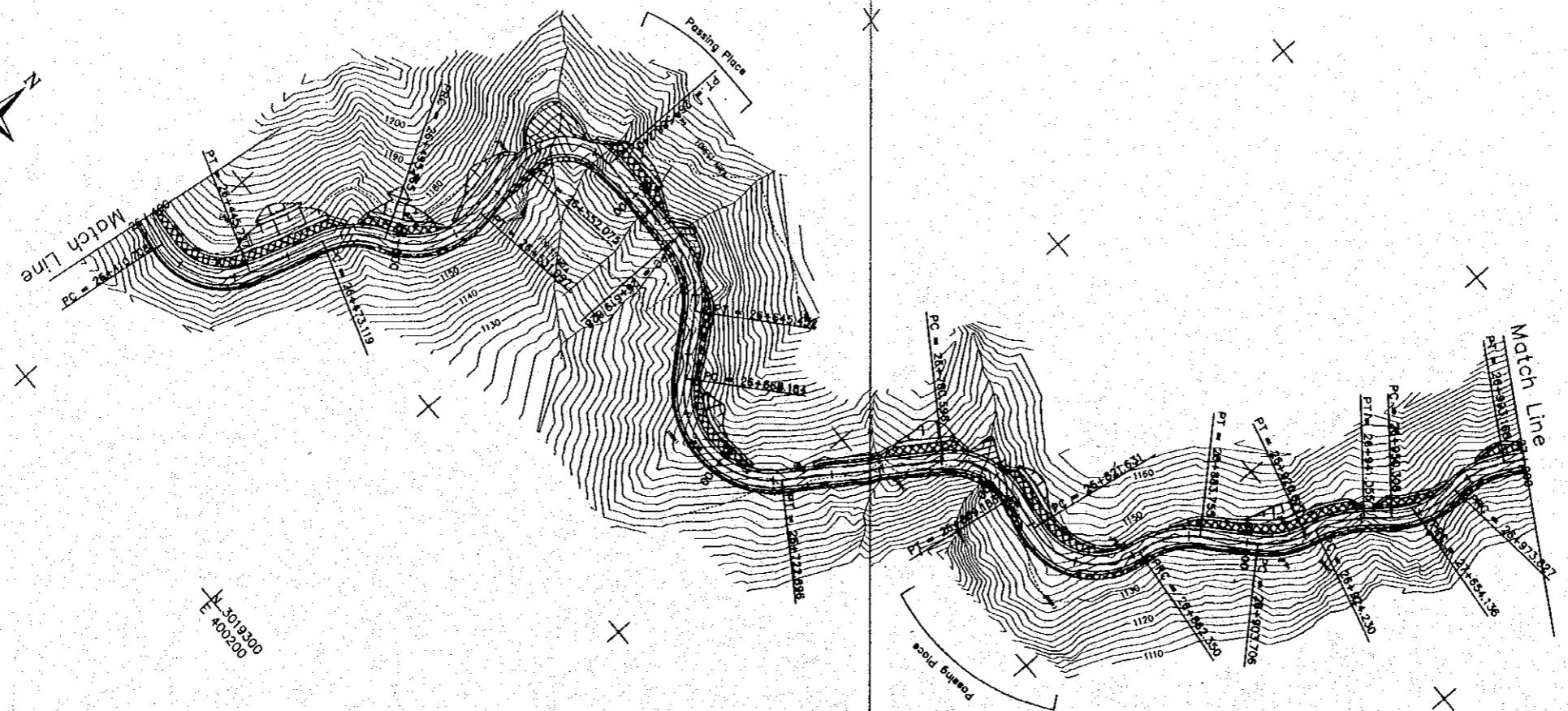
N 3019000  
E 399600

N 3019000  
E 399700

N 3019000  
E 399800

A-2-43 : PLAN AND PROFILE  
 STA.26+400 - STA.27+000

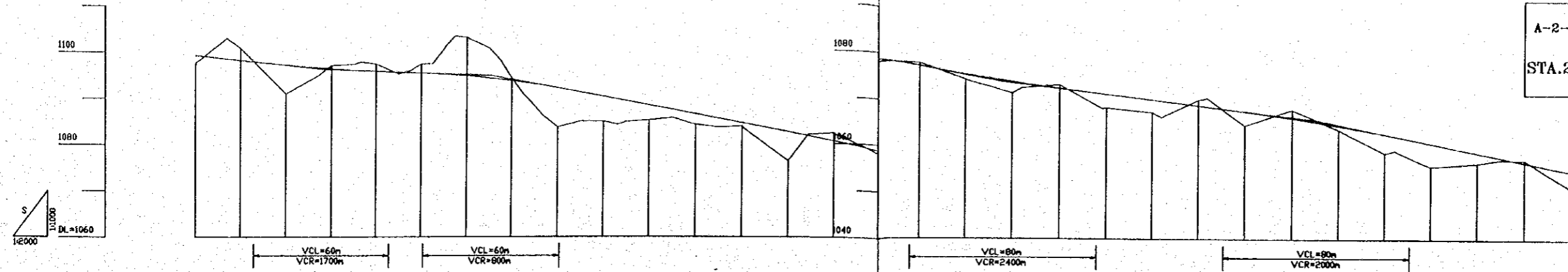
3019800  
 E 400400



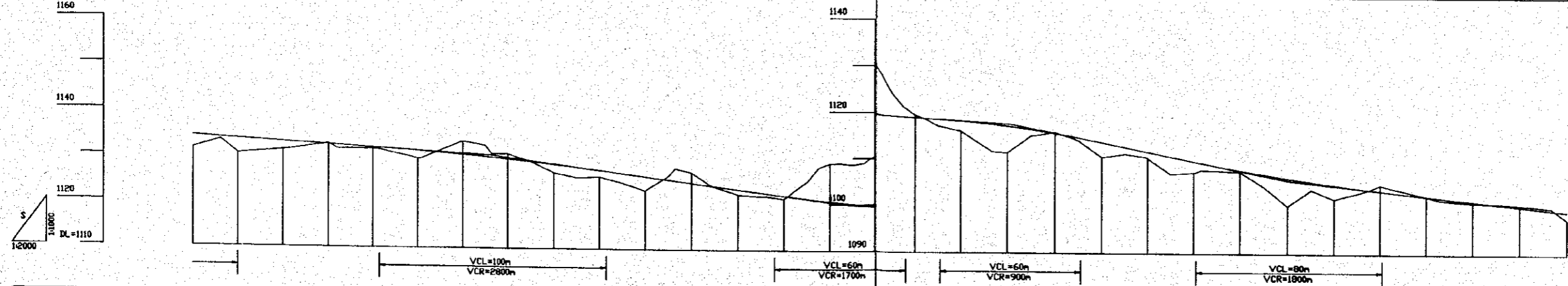
GRADE	-3.00% 165.00m																-6.50% 219.00m		-3.00% 75.00m		-6.30% 140.00m		-3.00% 153.00m									
PROPOSED HEIGHT	1168.81	1168.14	1167.54	1166.94	1166.34	1165.74	1165.11	1164.21	1163.00	1161.47	1159.77	1158.07	1156.37	1154.67	1152.97	1149.57	1147.88	1146.46	1145.39	1144.69	1144.06	1143.24	1142.20	1140.97	1139.71	1138.45	1137.19	1136.01	1135.00	1134.15		
GROUND HEIGHT	1168.75	1169.00	1167.37	1167.23	1165.43	1164.12	1161.96	1166.41	1156.86	1156.97	1159.30	1159.00	1154.84	1152.40	1154.81	1145.83	1145.85	1146.12	1146.25	1141.61	1143.13	1143.48	1138.63	1140.15	1140.51	1138.86	1133.94	1136.03	1131.61	1134.43		
STATION	+400	+420	+440	+460	+480	+500	+520	+540	+560	+580	+600	+620	+640	+660	+680	+720	+740	+760	+780	+800	+820	+840	+860	+880	+900	+920	+940	+960	+980	STA.27		
CURVE ELEMENT	R=25.00		L=27.39		R=30.00		L=20.98		R=20.00		L=33.59		R=30.00		L=22.73		R=30.00		L=57.70		R=25.00		R=30.00		L=19.95		R=40.00		R=30.00			
SUPER ELEVATION	4.00%																0.00%															

Left  
 Right

A-2-44 : PLAN AND PROFILE  
 STA.27+000 - STA.28+200



GRADE																															
PROPOSED HEIGHT	1099.19	1098.09	1097.05	1096.23	1095.54	1095.23	1094.61	1093.49	1091.88	1090.00	1088.12	1086.24	1084.36	1082.48	1080.60	1078.72	1076.84	1075.08	1073.50	1072.07	1070.82	1069.62	1068.42	1067.20	1065.81	1064.22	1062.43	1060.46	1058.46	1056.46	1054.46
GROUND HEIGHT	1097.59	1100.72	1096.83	1096.91	1097.20	1097.18	1102.81	1094.09	1083.45	1084.69	1084.89	1083.96	1083.66	1076.28	1082.11	1078.08	1077.44	1073.90	1071.05	1072.78	1067.93	1066.90	1069.66	1064.23	1067.59	1063.38	1058.40	1053.54	1056.28	1056.98	1050.56
STATION	+600	+620	+640	+660	+680	+700	+720	+740	+760	+780	+800	+820	+840	+860	+880	+900	+920	+940	+960	+980	STA.28	+000	+040	+060	+080	+100	+120	+140	+160	+180	+200
CURVE ELEMENT																															
SUPER ELEVATION																															



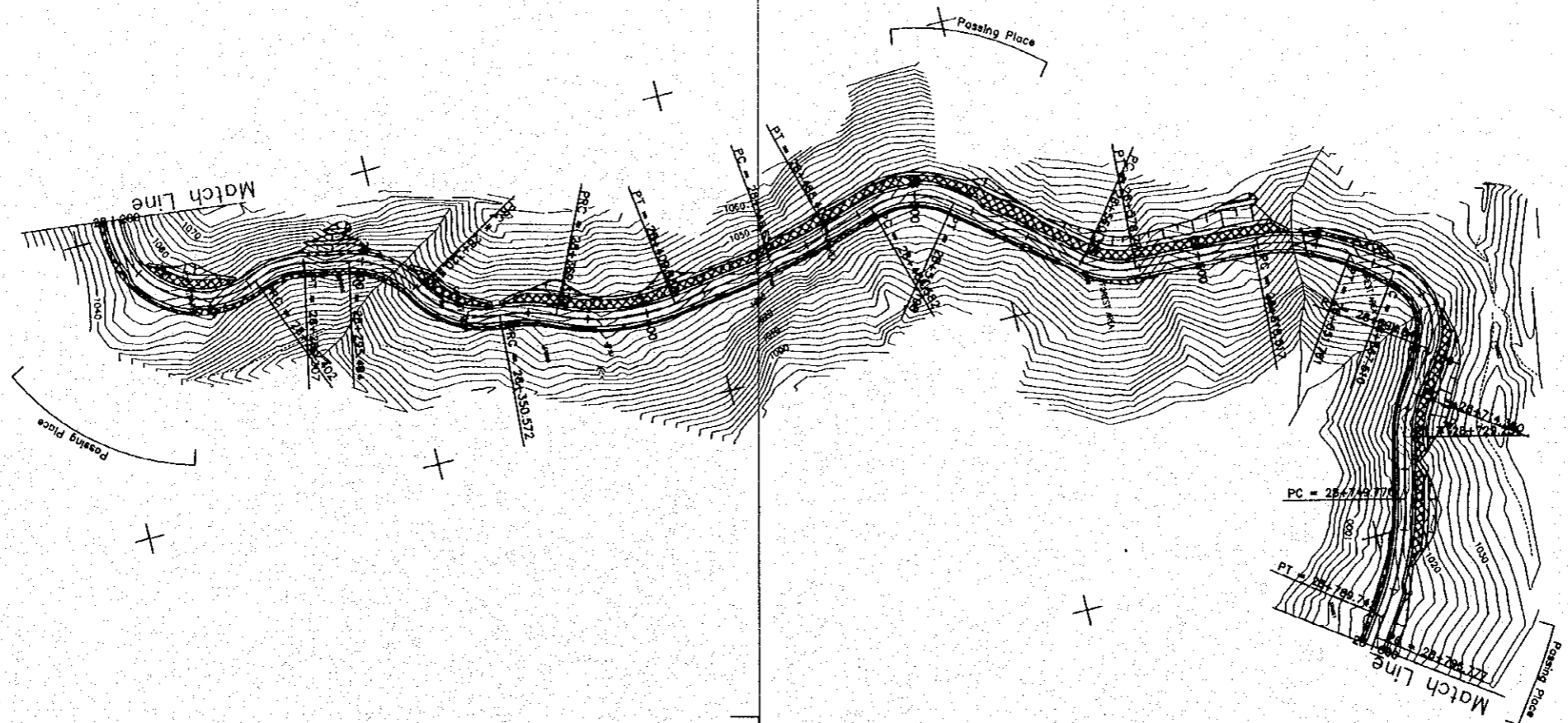
GRADE																															
PROPOSED HEIGHT	1134.15	1133.47	1132.87	1132.27	1131.67	1131.02	1130.22	1129.29	1128.20	1126.98	1125.66	1124.34	1123.02	1121.70	1120.55	1119.64	1118.96	1118.31	1117.27	1115.76	1113.83	1111.83	1109.83	1107.93	1106.26	1104.81	1103.59	1102.49	1101.39	1100.29	1099.19
GROUND HEIGHT	1131.43	1130.28	1131.07	1132.46	1131.35	1129.34	1133.86	1130.41	1126.43	1125.57	1125.67	1126.61	1121.93	1121.05	1128.74	1130.44	1119.50	1116.17	1111.98	1116.00	1110.65	1110.47	1107.41	1107.63	1100.32	1101.83	1104.82	1102.46	1101.09	1100.69	1097.53
STATION	STA.27	+020	+040	+060	+080	+100	+120	+140	+160	+180	+200	+220	+240	+260	+280	+300	+320	+340	+360	+380	+400	+420	+440	+450	+480	+500	+520	+540	+560	+580	+600
CURVE ELEMENT																															
SUPER ELEVATION																															

A-2-45 : PLAN AND PROFILE  
STA.27+000 - STA.28+200



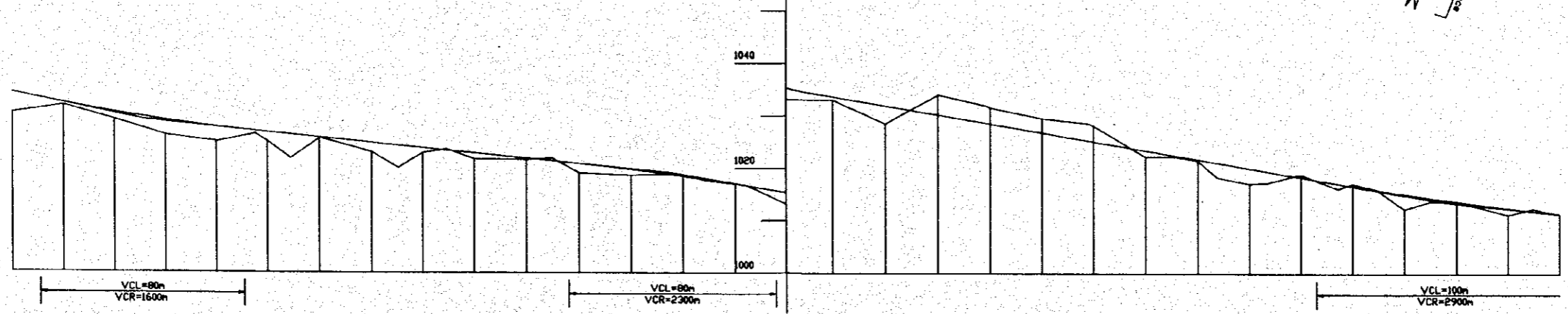
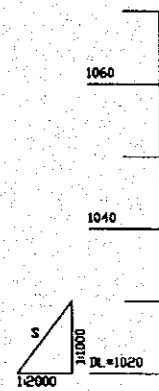
SCALE : 1 : 2000

A-2-46 : PLAN AND PROFILE  
 STA.28+200 - STA.28+800



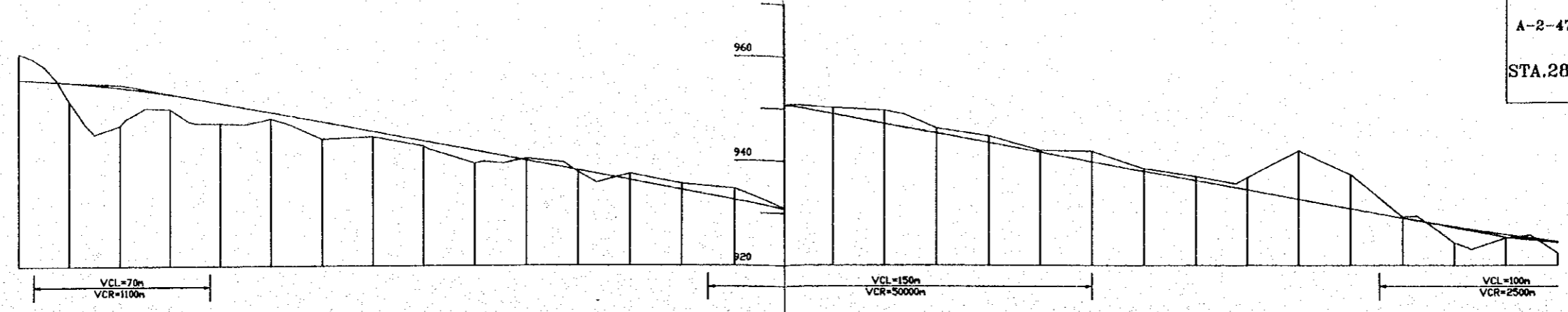
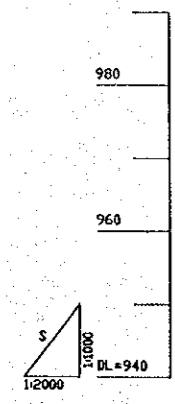
A 3019600  
E 400900

A 3000200  
E 401100

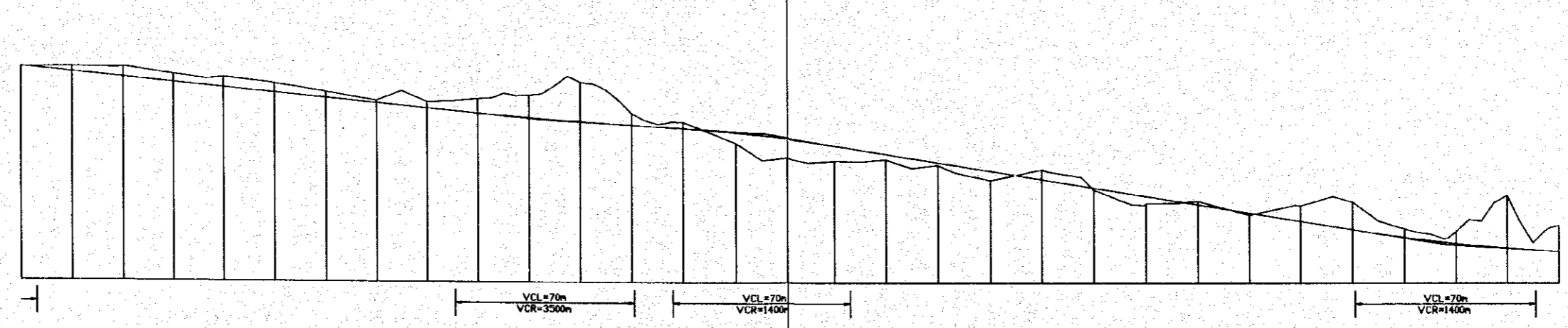
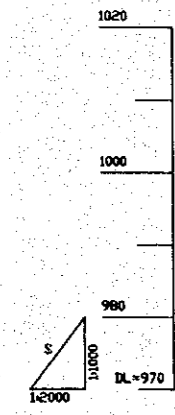


GRADE																																
PROPOSED HEIGHT	1054.46	1052.49	1050.72	1049.21	1047.95	1046.91	1045.91	1044.91	1043.91	1042.91	1041.91	1040.91	1039.78	1038.49	1037.01	1035.17	1033.67	1031.97	1030.27	1028.57	1026.87	1025.17	1023.47	1021.77	1020.07	1018.37	1016.70	1015.17	1013.78	1012.53	1011.42	
GROUND HEIGHT	1050.56	1052.01	1049.32	1046.34	1045.16	1045.16	1045.67	1043.11	1044.91	1042.95	1041.78	1041.62	1039.08	1038.66	1038.76	1037.02	1035.17	1033.11	1028.56	1034.02	1031.63	1029.58	1028.20	1022.30	1021.53	1017.14	1018.87	1017.16	1012.34	1013.82	1011.26	1011.34
STATION	+200	+220	+240	+260	+280	+300	+320	+340	+360	+380	+400	+420	+440	+460	+480	+500	+520	+540	+560	+580	+600	+620	+640	+660	+680	+700	+720	+740	+760	+780	+800	
CURVE ELEMENT	R=30.00		R=30.00		R=30.00		R=50.00		R=70.00		L=36.80		R=150.00		R=30.00		L=47.12		R=30.00		L=39.75		R=60.00		R=20.00		L=20.54		R=100.00			
SUPER ELEVATION	-4.00%																												-3.00%			
	<div style="display: flex; justify-content: space-between;"> <span>Left</span> <span>Right</span> </div>																															

A-2-47 : PLAN AND PROFILE  
 STA.28+800 - STA.30+000

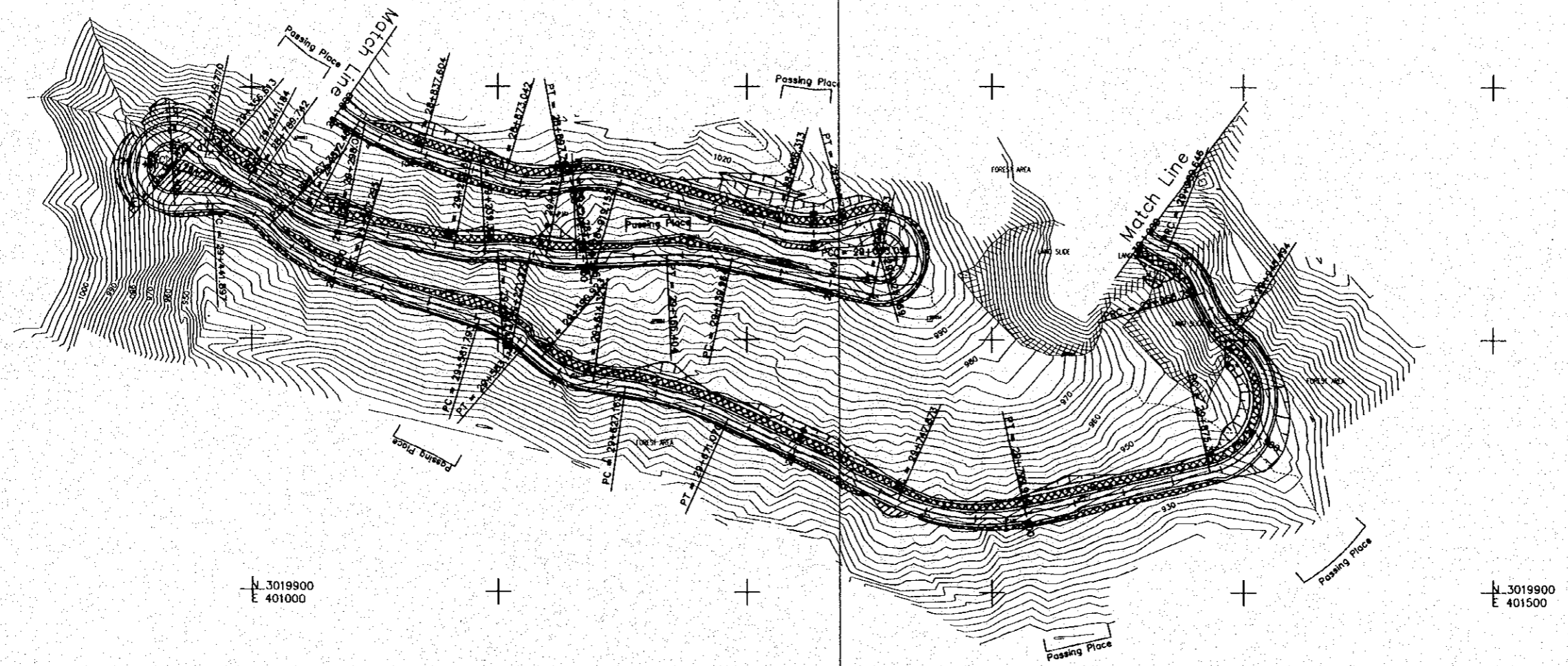


GRADE																														
PROPOSED HEIGHT	976.04	975.35	974.32	972.92	971.18	968.32	967.46	965.60	963.74	961.88	960.02	958.16	956.30	954.44	952.58	948.89	947.05	945.23	943.41	941.59	939.79	937.99	936.19	934.39	932.59	930.79	929.01	927.36	925.87	924.54
GROUND HEIGHT	981.00	971.74	967.01	970.09	967.26	968.07	964.15	964.58	962.75	959.44	960.38	957.78	957.48	955.58	954.72	956.07	949.57	946.15	944.61	941.59	941.79	938.50	936.94	936.75	941.80	937.30	929.17	924.30	925.21	922.32
STATION	+400	+420	+440	+460	+480	+500	+520	+540	+560	+580	+600	+620	+640	+660	+680	+720	+740	+760	+780	+800	+820	+840	+860	+880	+900	+920	+940	+960	+980	STA.30
CURVE ELEMENT	R=15.00		R=30.00		R=80.00		L=54.50		R=50.00		R=40.00		R=150.00		L=76.80		R=80.00		L=75.44		R=30.00		R=25.00		R=30.00		R=40.00			
SUPER ELEVATION	5.00%		5.00%		1.00%																						1.00%			



GRADE																																						
PROPOSED HEIGHT	1011.42	1010.41	1009.41	1008.41	1007.41	1006.41	1005.41	1004.41	1003.41	1002.42	1001.33	1000.75	1000.09	999.48	998.68	996.23	994.64	993.04	991.44	989.84	988.24	986.64	985.04	983.44	981.84	980.24	978.77	977.58	976.68	976.04								
GROUND HEIGHT	1011.34	1011.43	1011.41	1009.93	1009.41	1008.16	1006.52	1004.85	1003.41	1002.18	1000.85	1000.24	1000.21	1000.69	996.65	993.33	993.59	992.52	989.65	991.71	989.84	987.82	985.24	985.68	983.01	981.77	980.56	980.39	979.91	986.78	981.00							
STATION	+800	+820	+840	+860	+880	+900	+920	+940	+960	+980	STA.29	+020	+040	+060	+080	+120	+140	+160	+180	+200	+220	+240	+260	+280	+300	+320	+340	+360	+380	+400								
CURVE ELEMENT	R=120.00		L=35.44		R=50.00		R=40.00		L=67.16		R=50.00		R=15.00		R=15.00		L=59.63		R=100.00		L=36.33		R=50.00		R=50.00		L=45.65		R=50.00		L=28.72		R=70.00		R=15.00		R=15.00	
SUPER ELEVATION	1.00%										3.00%		1.00%		6.00%		5.00%										1.00%		6.00%		6.00%							

A-2-48 : PLAN AND PROFILE  
STA.28+800 - STA.30+000



N 3019900  
E 401000

N 3019900  
E 401500

N 3019800  
E 401000

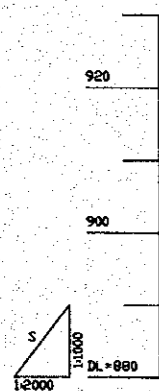
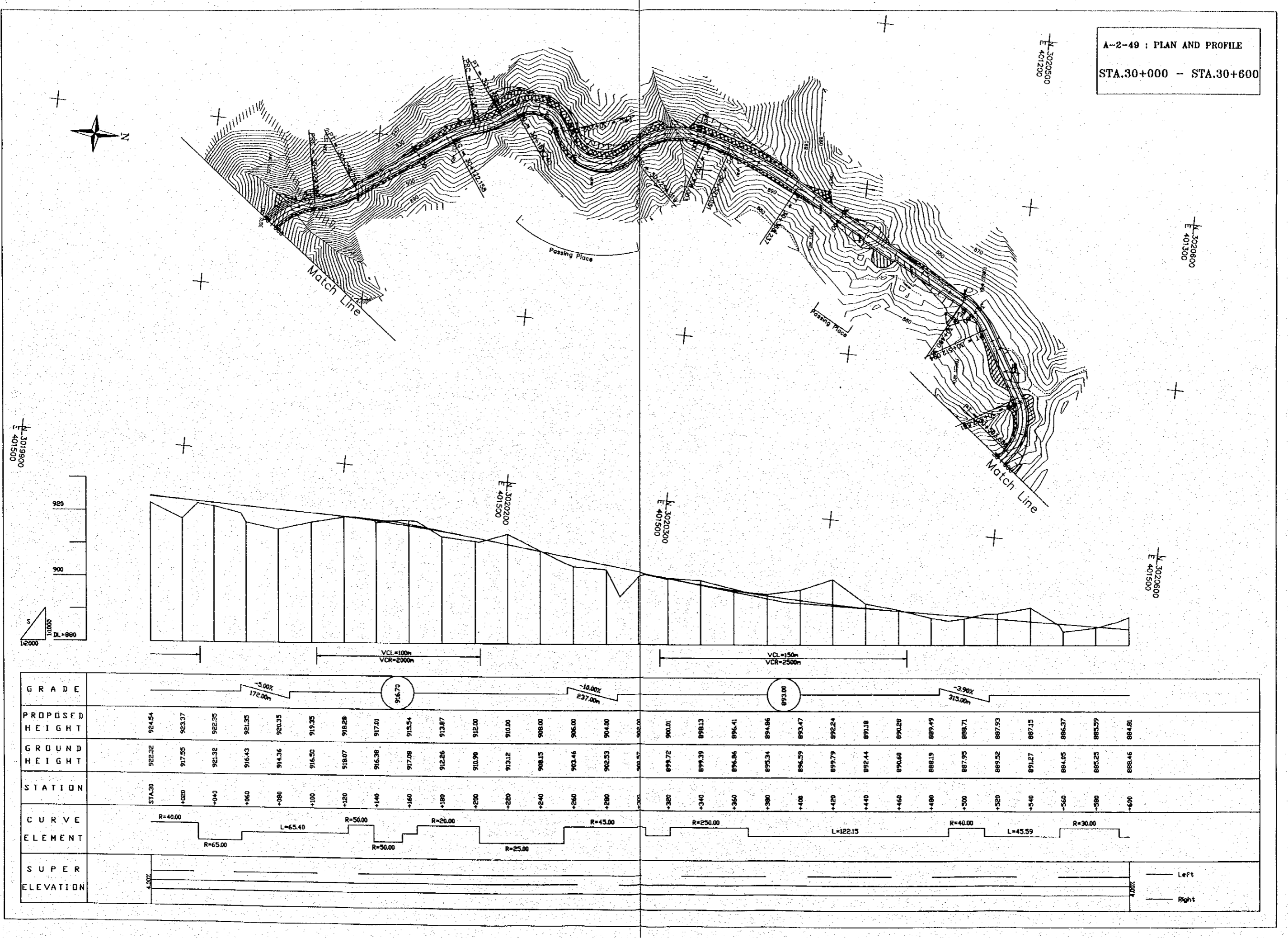
N 3019800  
E 401300

N 3019800  
E 401400

SCALE : 1 : 2000



A-2-49 : PLAN AND PROFILE  
 STA.30+000 - STA.30+600



GRADE																															
PROPOSED HEIGHT	924.54	923.37	922.35	921.35	920.35	919.35	918.28	917.21	915.53	913.87	912.00	910.00	908.00	906.00	904.00	902.00	900.01	898.13	896.41	894.86	893.47	892.24	891.18	890.28	889.49	888.71	887.93	887.15	886.37	885.59	884.81
GROUND HEIGHT	922.32	917.35	921.32	916.43	914.36	916.50	918.07	916.38	917.08	912.26	910.15	913.12	908.15	903.46	902.53	902.00	899.72	899.39	896.86	895.34	896.59	895.79	892.44	890.60	888.19	887.95	889.52	887.15	884.05	885.25	888.46
STATION	STA.30	+020	+040	+060	+080	+100	+120	+140	+160	+180	+200	+220	+240	+260	+280	+300	+320	+340	+360	+380	+400	+420	+440	+460	+480	+500	+520	+540	+560	+580	+600
CURVE ELEMENT																															
SUPER ELEVATION																															