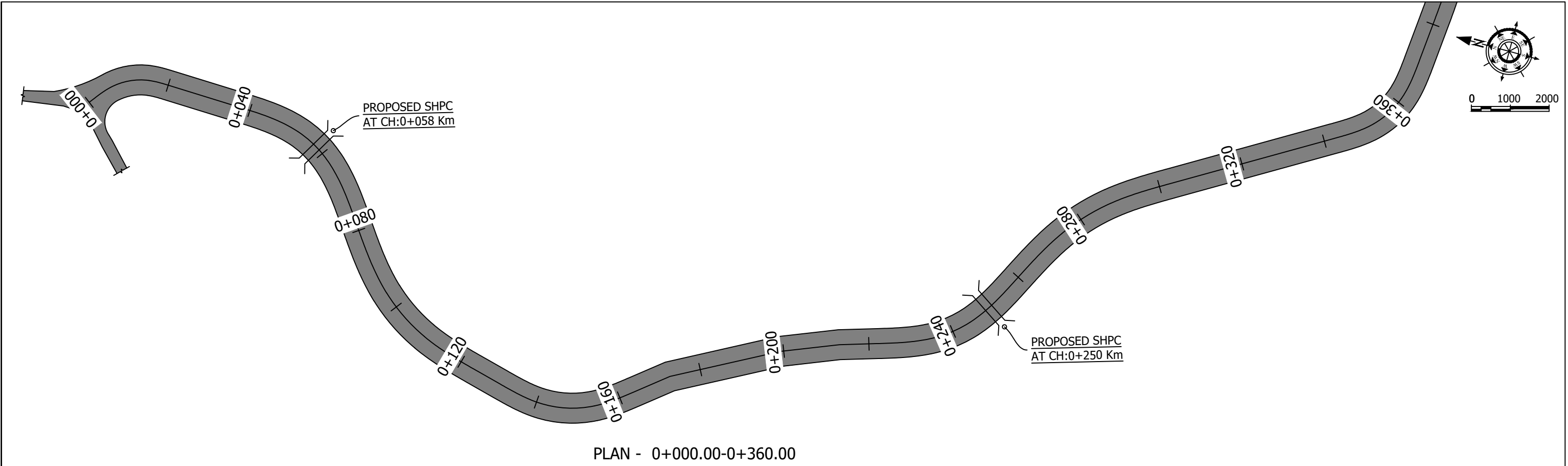
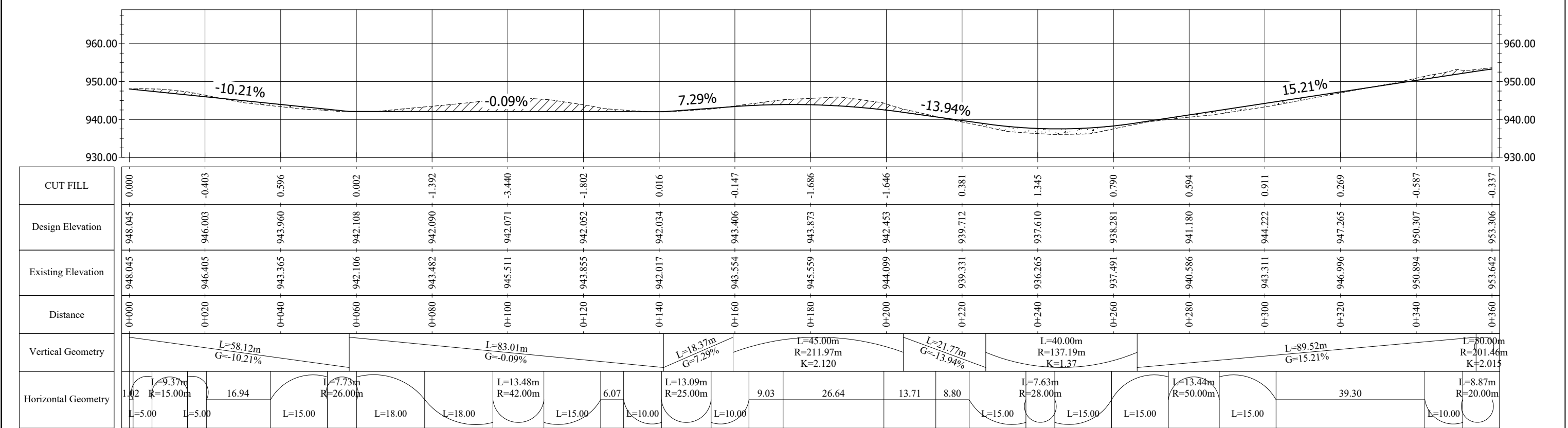


	GOVERNMENT OF MEGHALAYA  TOURISM DEDEPARTMENT, MEGHALAYA	PROJECT NAME:	CONSTRUCTION OF APPROACH ROAD TO MANDALGRE (LENGTH = 3.550 KM)	
		DRAWING TITLE : PLAN		



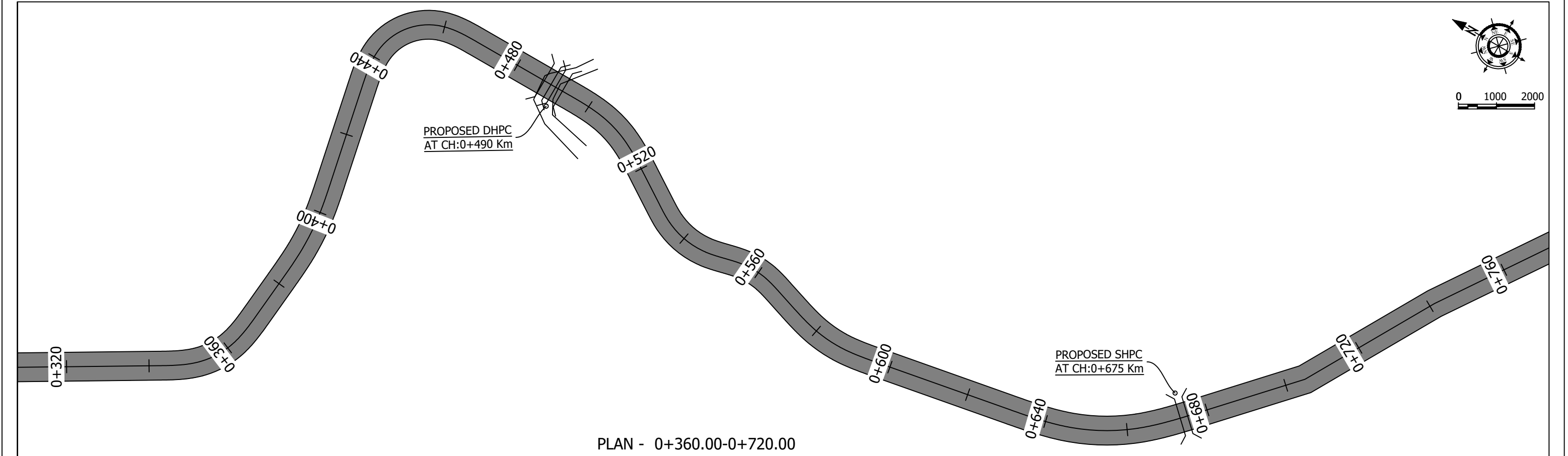
PLAN - 0+000.00-0+360.00



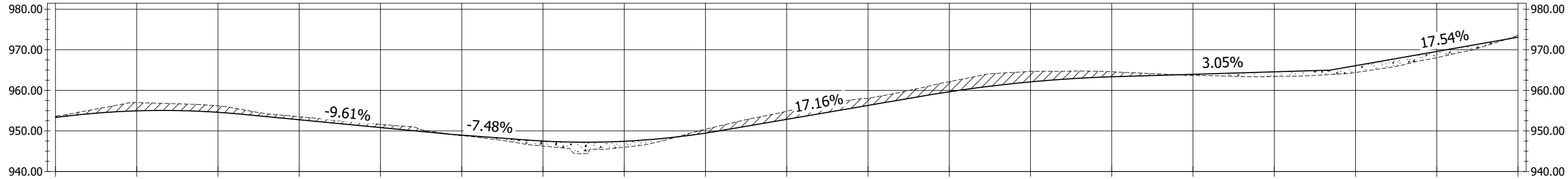
L - SECTION - 0+000.00-0+360.00

SCALE 1H:1V

	GOVERNMENT OF MEGHALAYA  TOURISM DEPARTMENT, MEGHALAYA	PROJECT NAME:	CONSTRUCTION OF APPROACH ROAD TO MANDALGRE (LENGTH = 3.550 KM)	
SHEET NO: 1				DRAWING TITLE : PLAN & PROFILE - (CH 0+000.00 M - CH 0+360.00 M)



PLAN - 0+360.00-0+720.00



CUT FILL	-0.337																				-2.058																				-1.580																				-0.755																				-0.805																				0.150																				1.232																				1.472																				-0.947																				-2.002																				-1.718																				-2.489																				-2.609																				-1.239																				0.280																				1.139																				1.690																				1.525																				-0.457																			
Design Elevation	953.306																				954.938																				954.585																				952.747																				950.825																				948.955																				947.503																				947.454																				949.459																				952.851																				956.282																				959.643																				962.079																				963.341																				963.953																				964.563																				966.079																				969.587																				973.096																			
Existing Elevation	953.642																				956.995																				956.165																				953.502																				951.630																				948.806																				946.271																				945.982																				950.406																				954.853																				958.000																				962.132																				964.688																				964.580																				963.672																				963.424																				964.389																				968.063																				973.552																			
Distance	0+360																				0+380																				0+400																				0+420																				0+440																				0+460																				0+480																				0+500																				0+520																				0+540																				0+560																				0+580																				0+600																				0+620																				0+640																				0+660																				0+680																				0+700																				0+720																			
Vertical Geometry																																																																																																																																																																																																																																																																																																																																																																																												
Horizontal Geometry																					9.30																																								23.87																																								L=10.00																				25.35																																								8.25																																																												3.52																																								L=10.00																				33.66																																																												27.19																				36.39																			

L - SECTION - 0+360.00-0+720.00

SCALE 1H:1V

SHEET NO: 2

GOVERNMENT OF MEGHALAYA

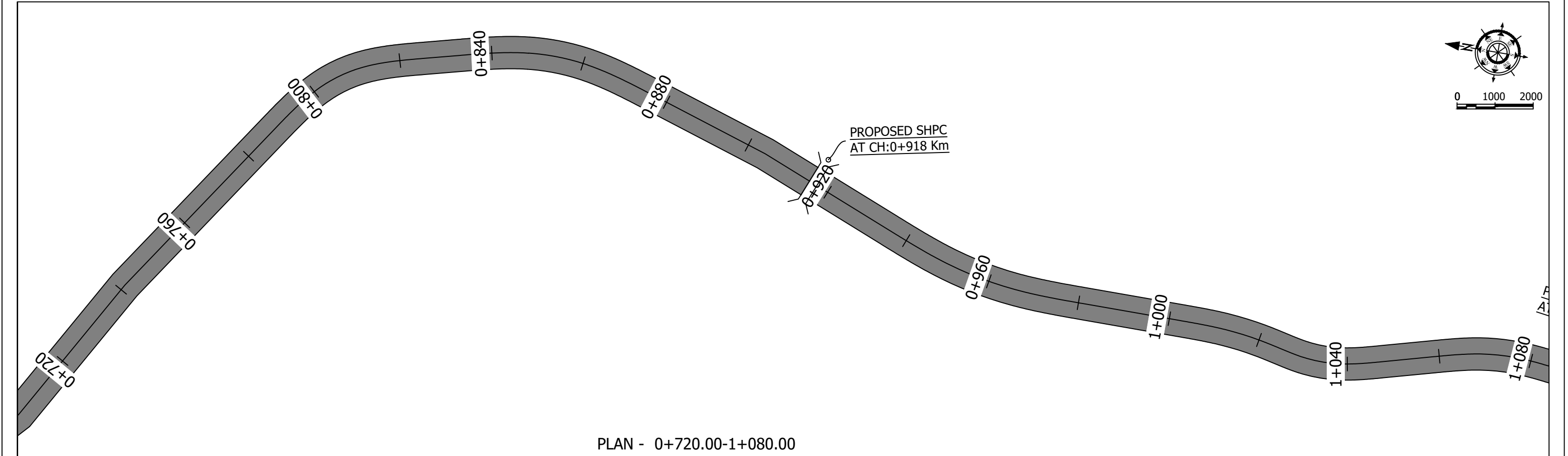


TOURISM DEPARTMENT, MEGHALAYA

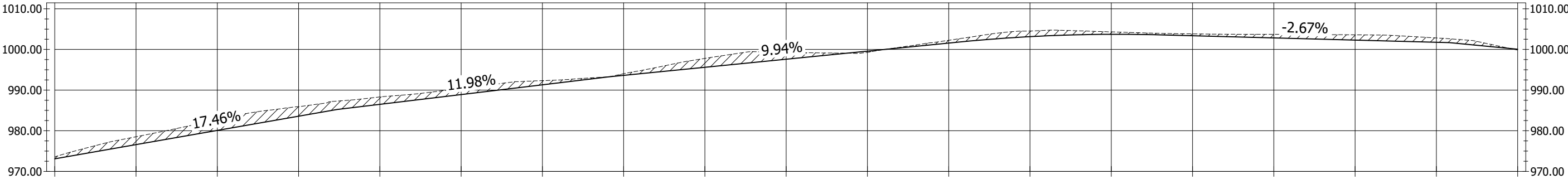
PROJECT NAME:

CONSTRUCTION OF APPROACH ROAD TO MANDALGRE (LENGTH = 3.550 KM)

DRAWING TITLE : PLAN & PROFILE - (CH 0+360.00 M - CH 0+720.00 M)



PLAN - 0+720.00-1+080.00

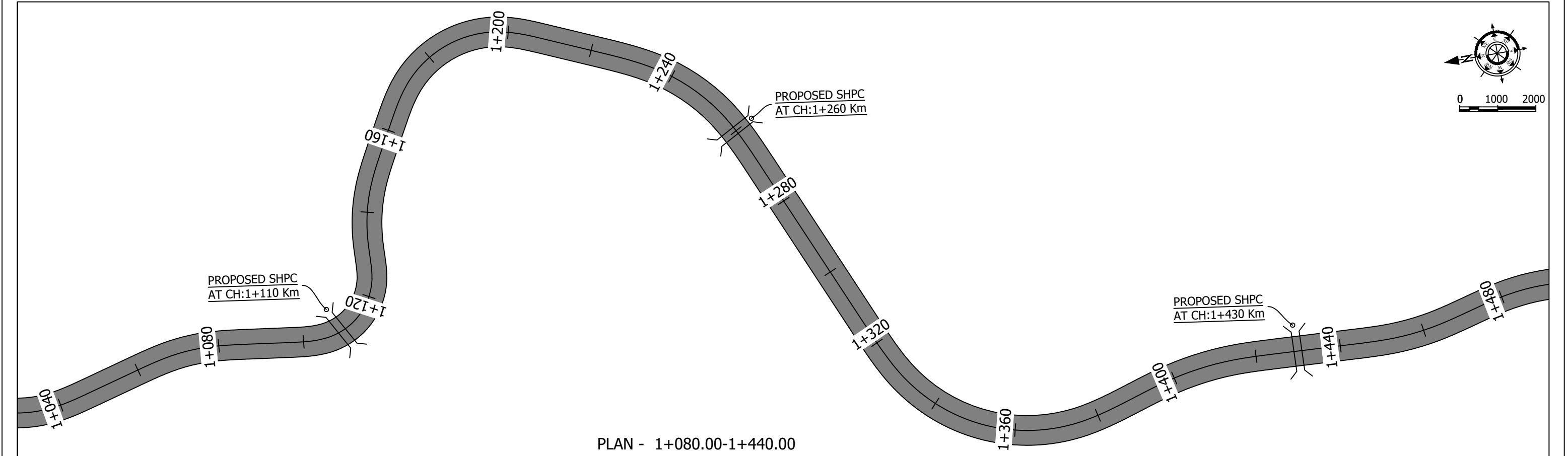


CUT FILL	-0.457																			-1.919																			-2.612																			-2.325																			-1.817																			-1.488																			-1.032																			-0.415																			-2.194																			-1.709																			0.291																			-0.683																			-1.388																			-0.604																			-0.467																			-0.875																			-1.293																			-1.062																			0.203																		
Design Elevation	973.096																			976.597																			980.090																			983.583																			986.499																			988.895																			991.290																			993.613																			995.601																			997.589																			999.577																			1001.566																			1003.145																			1003.720																			1003.367																			1002.832																			1002.298																			1001.764																			1000.051																		
Existing Elevation	973.552																			978.517																			982.702																			985.908																			988.316																			990.383																			992.322																			994.028																			997.795																			999.299																			999.286																			1002.248																			1004.533																			1004.323																			1003.834																			1003.707																			1003.591																			1002.826																			999.848																		
Distance	0+720																			0+740																			0+760																			0+780																			0+800																			0+820																			0+840																			0+860																			0+880																			0+900																			0+920																			0+940																			0+960																			0+980																			1+000																			1+020																			1+040																			1+060																			1+080																		
Vertical Geometry	L=57.53m G=17.54% L=58.20m G=17.46%																			L=66.93m G=11.98% L=85.57m G=9.94%																			L=50.00m R=396.43m K=3.964 L=71.24m G=-2.67%																			L=70.07m G=-9.70%																																																																																																																																																																																																																																																																																																															
Horizontal Geometry	36.39																			46.95																			L=6.71m R=30.00m L=15.00																			8.03																			L=13.20m R=50.00m L=15.00																			27.94																			31.47																			L=15.36m R=80.00m L=15.00																			21.40																			L=7.97m R=70.00m L=10.00																			L=7.22m R=30.00m L=5.00																			11.34																			L=7.96m R=45.00m L=10.00																			L=10.00																																																																																																																	
																																							L=15.00																																						L=15.00																																						L=15.00																																						L=10.00																			L=5.00																			L=10.00																																						L=10.00																			L=10.00																																																																																																																	

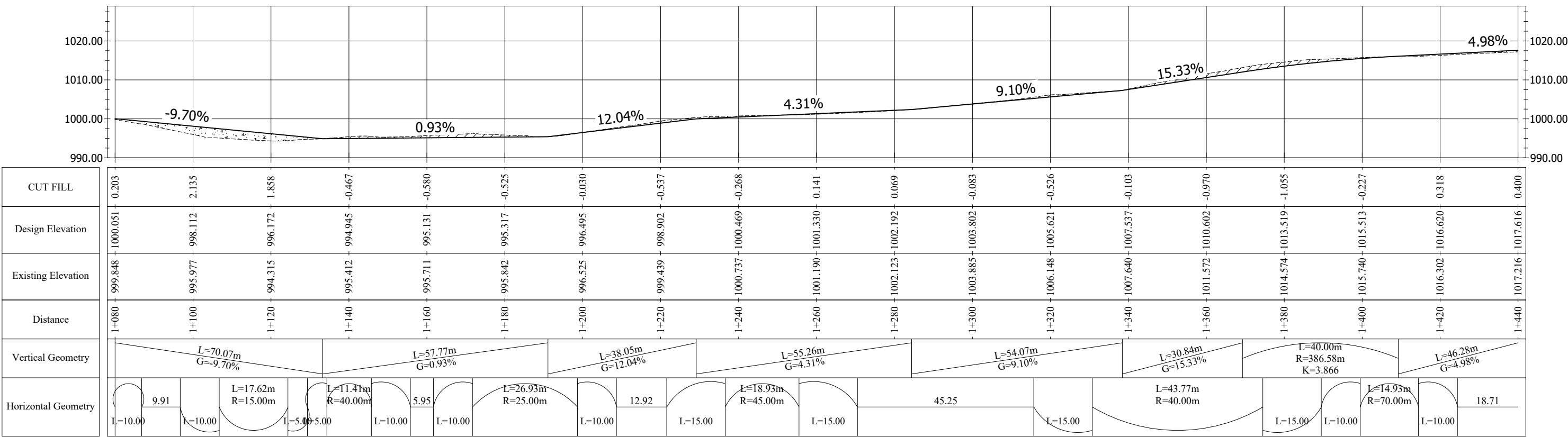
L - SECTION - 0+720.00-1+080.00

SCALE 1H:1V

SHEET NO: 3	GOVERNMENT OF MEGHALAYA	PROJECT NAME:	CONSTRUCTION OF APPROACH ROAD TO MANDALGRE (LENGTH = 3.550 KM)
			
	TOURISM DEPARTMENT, MEGHALAYA		
		DRAWING TITLE : PLAN & PROFILE - (CH 0+720.00 M - CH 1+080.00 M)	



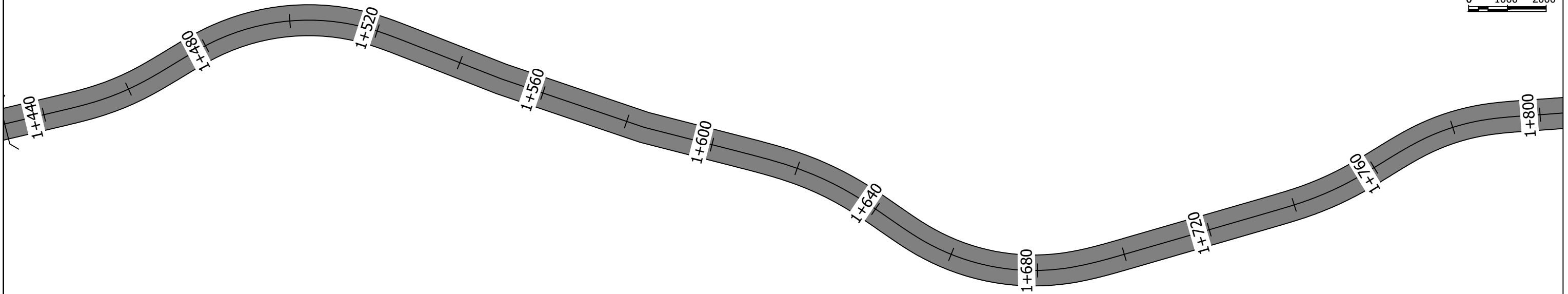
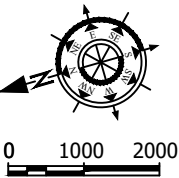
PLAN - 1+080.00-1+440.00



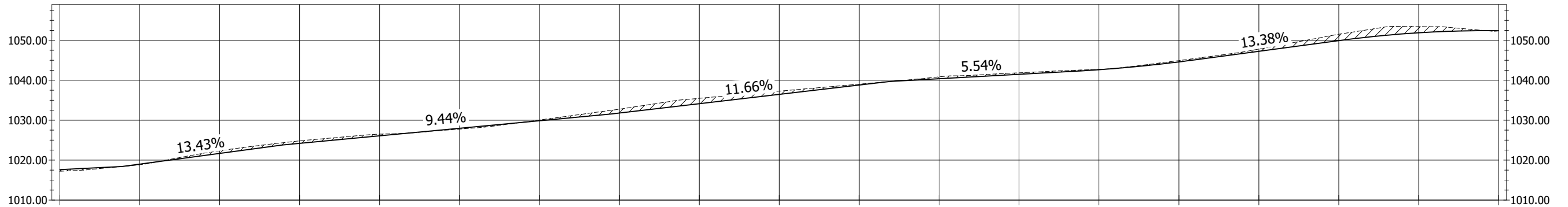
L - SECTION - 1+080.00-1+440.00

SCALE 1H:1V

	GOVERNMENT OF MEGHALAYA  TOURISM DEPARTMENT, MEGHALAYA	PROJECT NAME:	CONSTRUCTION OF APPROACH ROAD TO MANDALGRE (LENGTH = 3.550 KM)
SHEET NO: 4		DRAWING TITLE : PLAN & PROFILE - (CH 1+080.00 M - CH 1+440.00 M)	



PLAN - 1+440.00-1+800.00



CUT FILL	0.400 0.141 -0.684 -0.627 -0.416 0.209 -0.190 -0.959 -1.350 -0.813 -0.228 -0.469 -0.379 -0.086 -0.331 -0.569 -1.589 -1.552 0.055																			
Design Elevation	1017.616 1018.986 1021.673 1024.192 1026.081 1027.970 1029.858 1031.795 1034.128 1036.460 1038.793 1040.372 1041.480 1042.638 1044.594 1047.252 1049.928 1051.885 1052.406																			
Existing Elevation	1017.216 1018.845 1022.357 1024.819 1026.498 1027.761 1030.049 1032.754 1035.477 1037.274 1039.022 1040.841 1041.859 1042.724 1044.926 1047.821 1051.517 1053.437 1052.351																			
Distance	1+440 1+460 1+480 1+500 1+520 1+540 1+560 1+580 1+600 1+620 1+640 1+660 1+680 1+700 1+720 1+740 1+760 1+780 1+800																			
Vertical Geometry	L=46.28m G=4.98% L=40.23m G=13.43% L=82.06m G=9.44% L=69.84m G=11.66% L=46.06m G=5.54% L=30.00m R=382.48m K=3.82 L=36.22m G=13.38% L=45.00m R=278.63m K=2.786																			
Horizontal Geometry	L=18.71 R=60.00m L=10.00 L=8.82m R=60.00m L=10.00 L=35.91m R=50.00m L=10.00 22.24 34.11 22.11 L=12.49m R=70.00m L=15.00 L=10.00 L=10.00 L=31.94m R=50.00m L=15.00 33.16 L=8.86m R=70.00m L=10.00 L=10.00 L=10.00 L=13.98m R=50.00m L=10.00 6.19																			

L - SECTION - 1+440.00-1+800.00

SCALE 1H:1V

GOVERNMENT OF MEGHALAYA

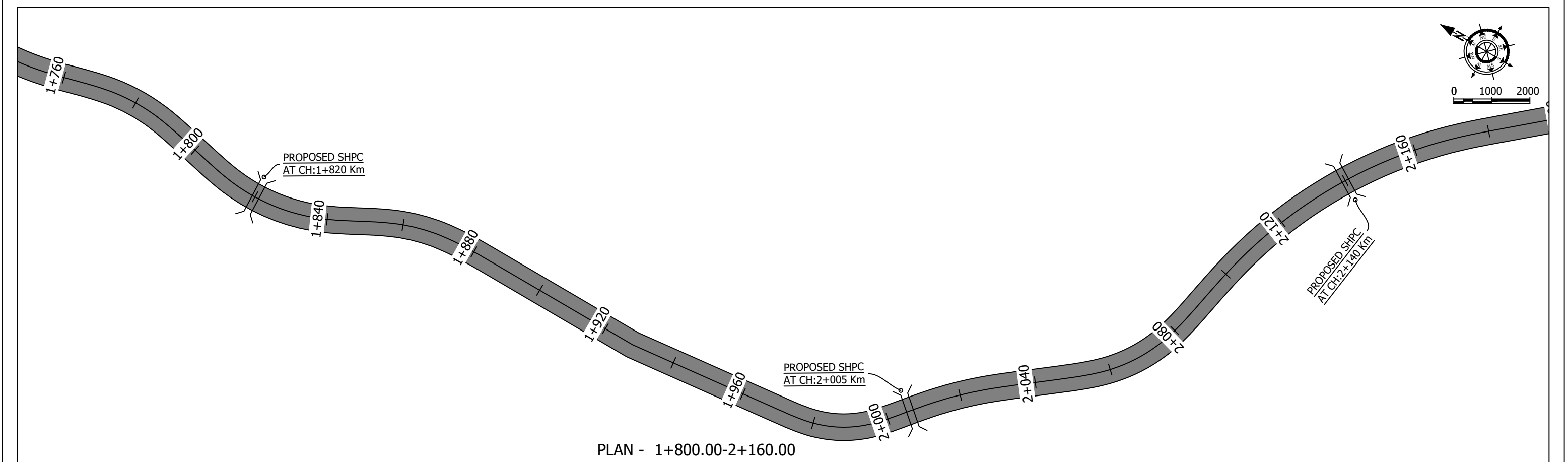


TOURISM DEPARTMENT, MEGHALAYA

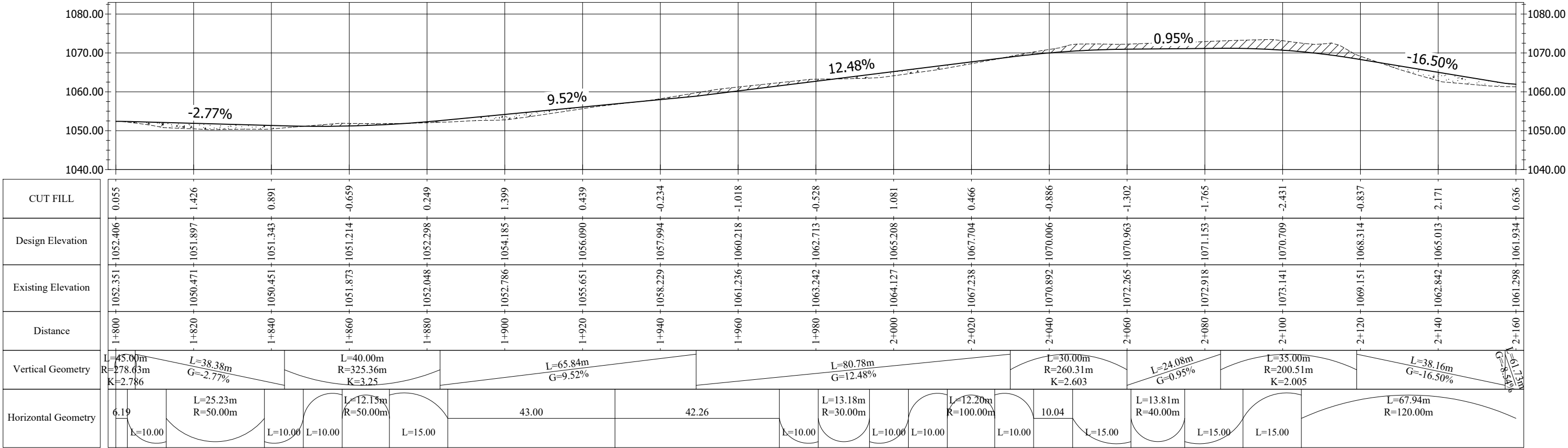
PROJECT NAME:

CONSTRUCTION OF APPROACH ROAD TO MANDALGRE (LENGTH = 3.550 KM)

DRAWING TITLE : PLAN & PROFILE - (CH 1+440.00 M - CH 1+800.00 M)



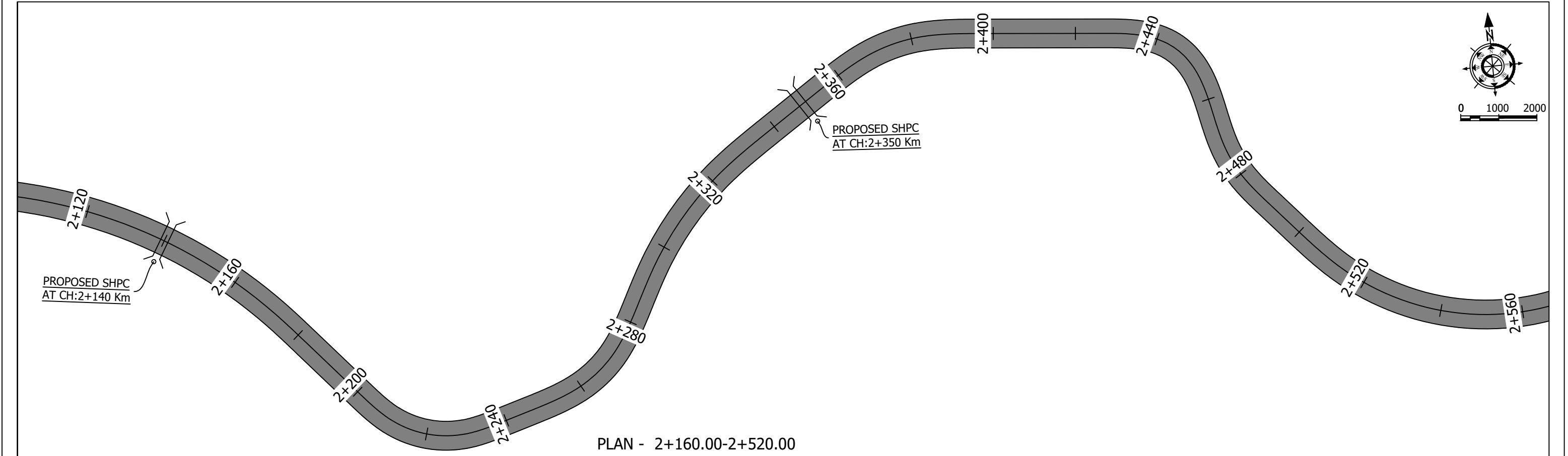
PLAN - 1+800.00-2+160.00



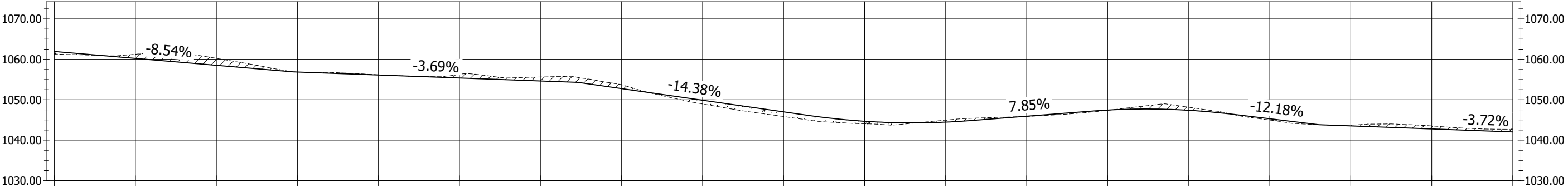
L - SECTION - 1+800.00-2+160.00

SCALE 1H:1V

	GOVERNMENT OF MEGHALAYA  TOURISM DEPARTMENT, MEGHALAYA	PROJECT NAME:	CONSTRUCTION OF APPROACH ROAD TO MANDALGRE (LENGTH = 3.550 KM)
		DRAWING TITLE : PLAN & PROFILE - (CH 1+800.00 M - CH 2+160.00 M)	
SHEET NO: 6			



PLAN - 2+160.00-2+520.00

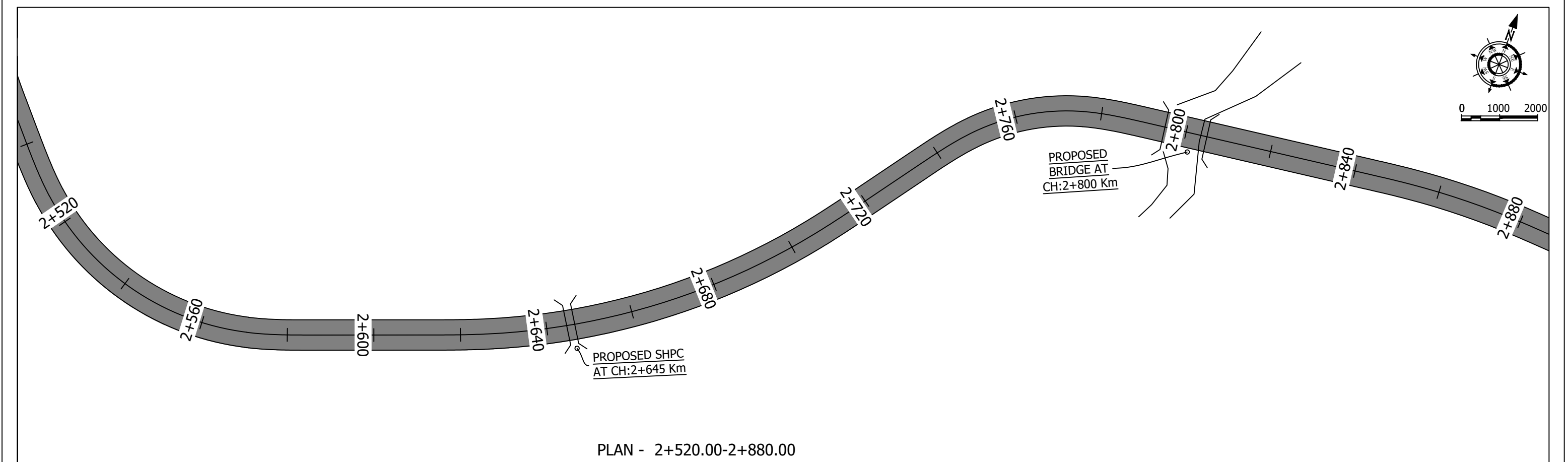


CUT FILL	0.636		-1.030		-1.736		-0.003		-0.058		-0.968		-0.976		-0.974		0.915		1.163		0.617		-0.496		0.060		0.064		-0.761		0.307		-0.220		-0.763		-0.715															
Design Elevation	1061.934		1060.226		1058.518		1056.861		1056.124		1055.387		1054.649		1052.764		1049.888		1047.011		1044.675		1044.460		1045.928		1047.447		1047.394		1045.292		1043.519		1042.775		1042.030															
Existing Elevation	1061.298		1061.256		1060.254		1056.864		1056.182		1056.355		1055.625		1053.738		1048.973		1045.848		1044.059		1044.956		1045.868		1047.383		1048.155		1044.986		1043.740		1043.538		1042.745															
Distance	2+160		2+180		2+200		2+220		2+240		2+260		2+280		2+300		2+320		2+340		2+360		2+380		2+400		2+420		2+440		2+460		2+480		2+500		2+520															
Vertical Geometry	L=61.73m G=-8.54%						L=70.33m G=-3.69%						L=56.79m G=-14.38%						L=40.00m R=179.95m K=1.80				L=29.76m G=7.85%		L=35.00m R=174.76m K=1.748				L=21.34m G=-12.18%		L=82.17m G=-3.72%																					
Horizontal Geometry	L=67.94m R=120.00m		L=10.00		17.93		L=10.00		L=18.60m R=25.00m		L=10.00		6.84		L=15.00		L=9.12m R=30.00m		L=15.00		L=10.00		L=28.10m R=80.00m		L=15.00		16.03		L=15.00		L=12.08m R=40.00m		L=15.00		30.52		L=15.00		L=6.62m R=17.00m		L=15.00		L=10.00		L=6.45m R=32.00m		8.03		L=15.00		L=57.52m R=60.00m	

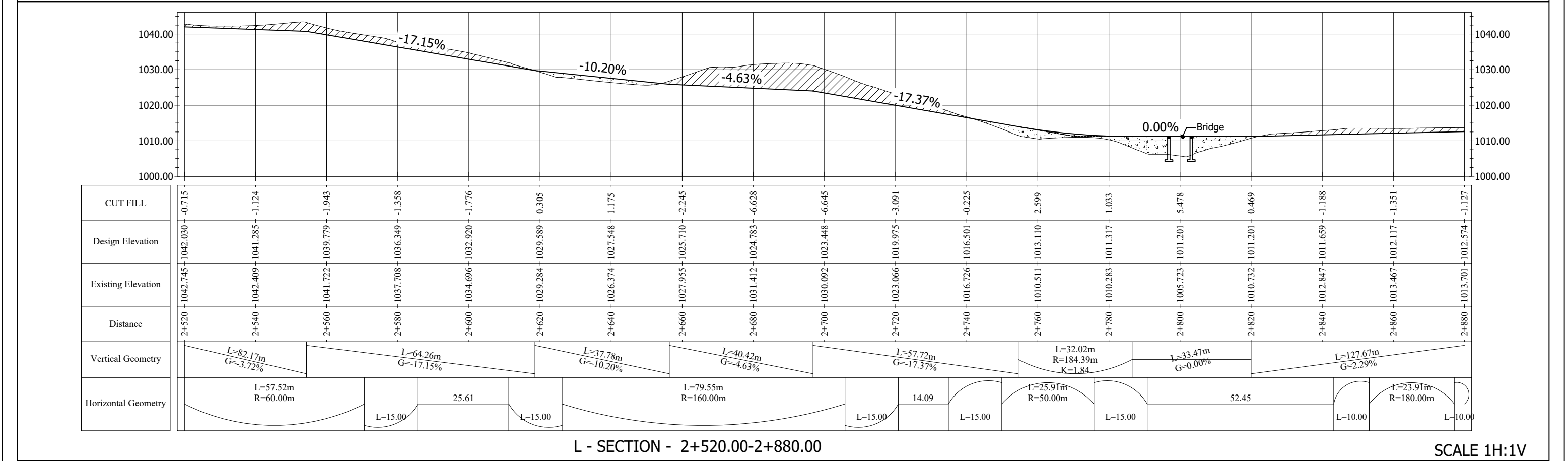
L - SECTION - 2+160.00-2+520.00

SCALE 1H:1V

	GOVERNMENT OF MEGHALAYA  TOURISM DEPARTMENT, MEGHALAYA	PROJECT NAME:	CONSTRUCTION OF APPROACH ROAD TO MANDALGRE (LENGTH = 3.550 KM)	
SHEET NO: 7				DRAWING TITLE : PLAN & PROFILE - (CH 2+160.00 M - CH 2+520.00 M)



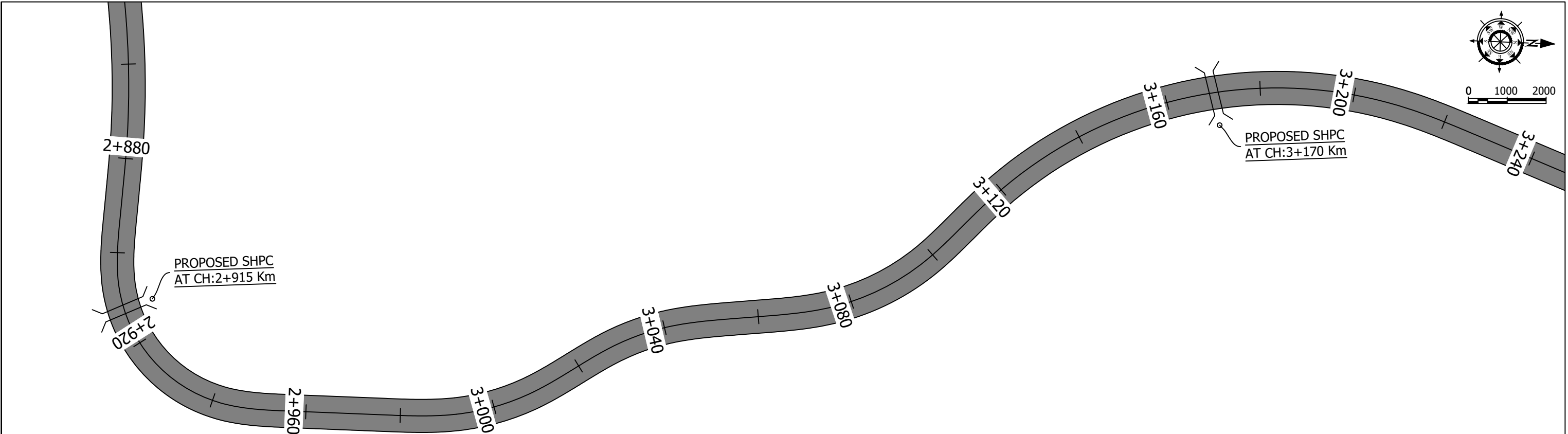
PLAN - 2+520.00-2+880.00



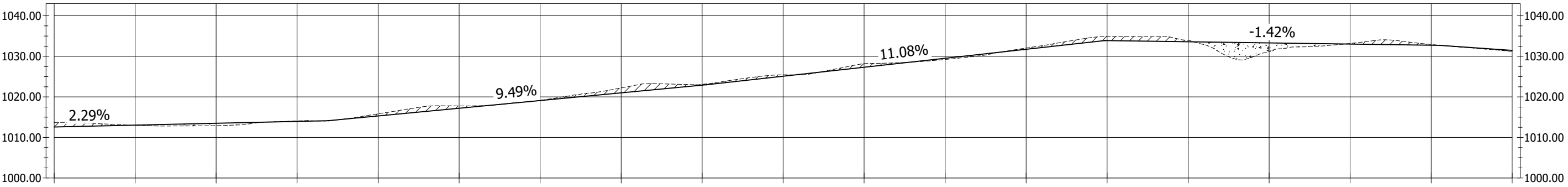
L - SECTION - 2+520.00-2+880.00

SCALE 1H:1V

	GOVERNMENT OF MEGHALAYA  TOURISM DEPARTMENT, MEGHALAYA	PROJECT NAME:	CONSTRUCTION OF APPROACH ROAD TO MANDALGRE (LENGTH = 3.550 KM)	
SHEET NO: 8				DRAWING TITLE : PLAN & PROFILE - (CH 2+520.00 M - CH 2+880.00 M)



PLAN - 2+880.00-3+240.00



CUT FILL																				
Design Elevation	1012.574	1013.032	1013.490	1013.948	1015.294	1017.193	1019.092	1020.991	1022.890	1025.089	1027.304	1029.520	1031.735	1033.879	1033.596	1033.312	1033.029	1032.746	1031.454	0.257
Existing Elevation	1013.701	1012.974	1012.929	1014.070	1015.824	1017.782	1019.152	1022.210	1023.092	1025.451	1028.200	1029.229	1032.042	1034.888	1033.935	1031.154	1033.172	1032.926	1031.197	
Distance	2+880	2+900	2+920	2+940	2+960	2+980	3+000	3+020	3+040	3+060	3+080	3+100	3+120	3+140	3+160	3+180	3+200	3+220	3+240	
Vertical Geometry	L=127.67m G=2.29% L=93.37m G=9.49% L=98.38m G=11.08% L=82.71m G=-1.42% L=61.30m G=-7.06%																			
Horizontal Geometry	L=10.00 5.42 L=15.00 L=33.83m R=30.00m L=15.00 20.47 L=15.00 L=17.09m R=50.00m L=10.00 L=10.00 L=11.19m R=50.00m L=15.00 5.21 L=15.00 L=22.76m R=50.00m L=10.00 L=10.00 L=93.95m R=90.00m L=15.00 56.62																			

L - SECTION - 2+880.00-3+240.00

SCALE 1H:1V

GOVERNMENT OF MEGHALAYA

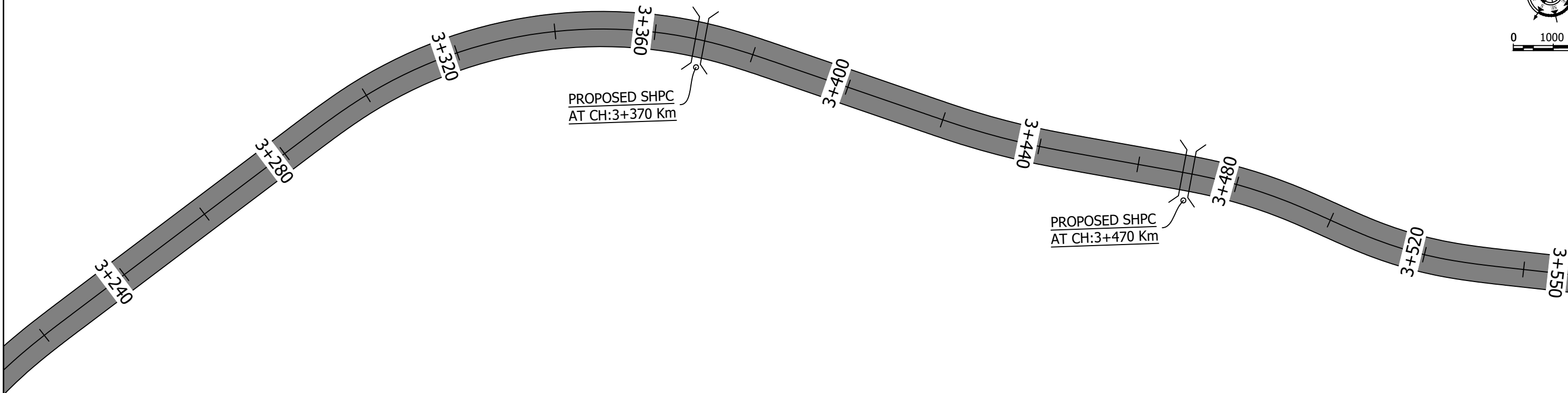
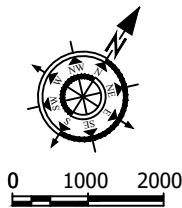


TOURISM DEPARTMENT, MEGHALAYA

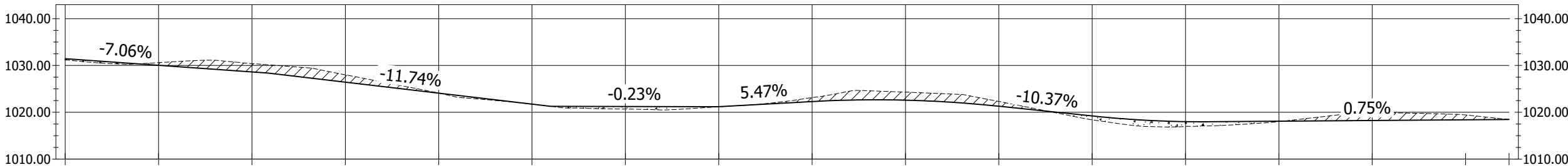
PROJECT NAME:

CONSTRUCTION OF APPROACH ROAD TO MANDALGRE (LENGTH = 3.550 KM)

DRAWING TITLE : PLAN & PROFILE - (CH 2+880.00 M - CH 3+240.00 M)



PLAN - 3+240.00-3+550.00



CUT FILL	0.257	-0.578	-1.765	-1.567	-0.010	0.009	0.550	0.036	-0.847	-1.714	-1.028	0.834	1.023	0.086	-1.727	-1.044	-0.024			
Design Elevation	1031.454	1030.041	1028.628	1026.440	1024.091	1021.743	1021.236	1021.200	1022.294	1022.585	1021.292	1019.217	1018.004	1018.090	1018.239	1018.388	1018.458			
Existing Elevation	1031.197	1030.619	1030.394	1028.007	1024.102	1021.734	1020.685	1021.165	1023.142	1024.299	1022.320	1018.384	1016.981	1018.004	1019.966	1019.432	1018.482			
Distance	3+240	3+260	3+280	3+300	3+320	3+340	3+360	3+380	3+400	3+420	3+440	3+460	3+480	3+500	3+520	3+540	3+550			
Vertical Geometry	L=61.30m G=-7.06%		L=60.57m G=-11.74%				L=35.81m G=-0.23%		L=20.05m G=5.47%		L=40.00m R=252.51m K=2.525		L=20.47m G=-10.37%		L=25.00m R=224.88m K=2.25		L=67.25m G=0.75%			
Horizontal Geometry	56.62		L=15.00	L=72.95m R=90.00m				L=15.00	29.05	L=10.00	L=13.28m R=150.00m	L=10.00	16.53	L=10.00	L=14.70m R=100.00m	L=10.00	L=10.00	L=12.56m R=80.00m	L=15.00	11.55

L - SECTION - 3+240.00-3+550.00

SCALE 1H:1V

GOVERNMENT OF MEGHALAYA

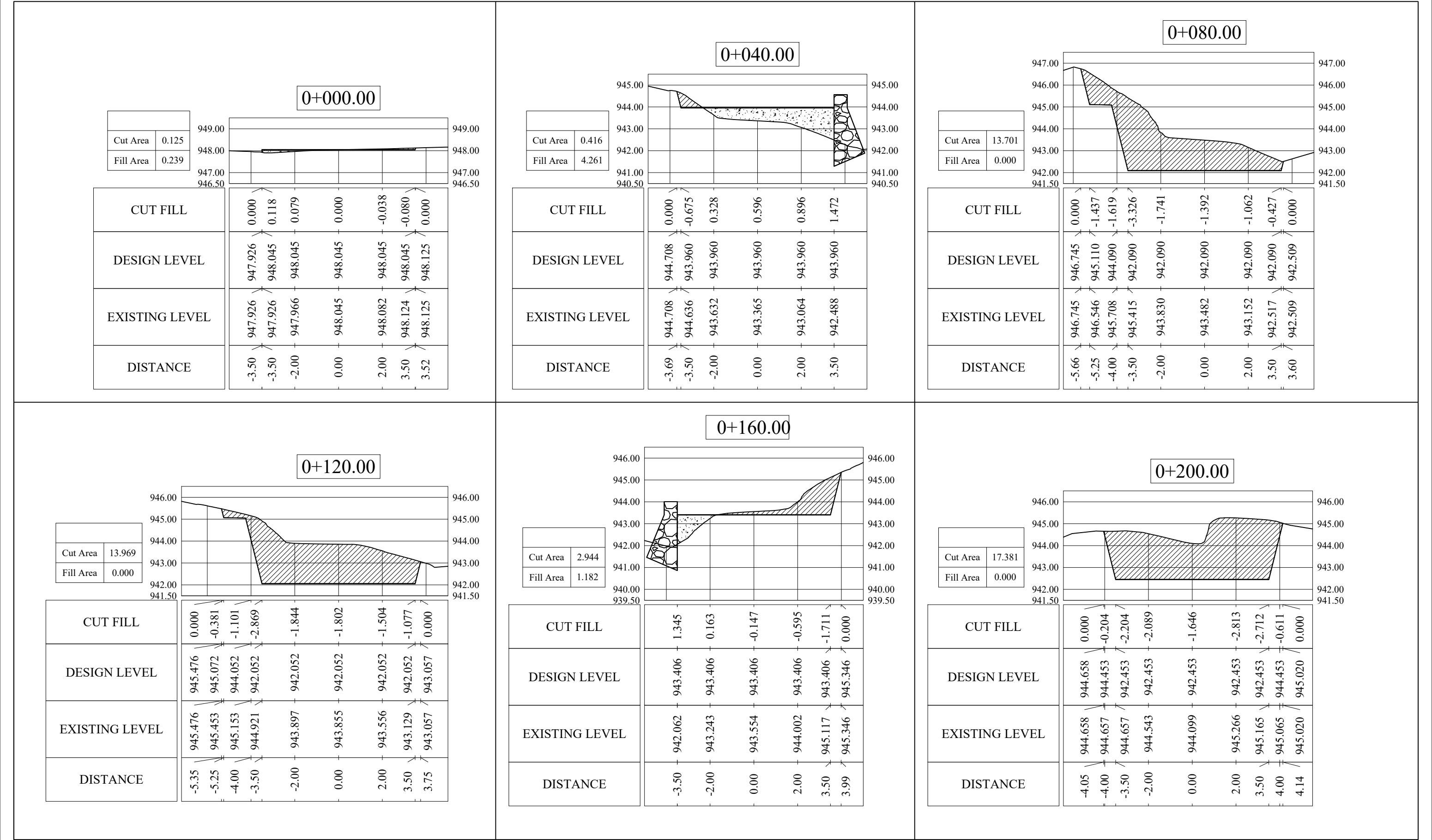


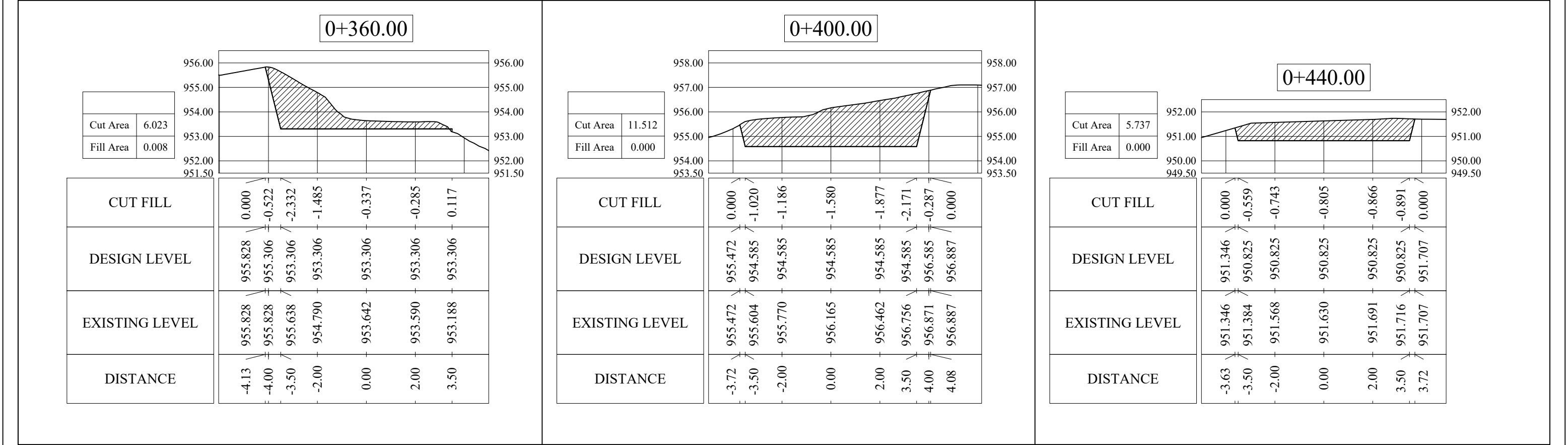
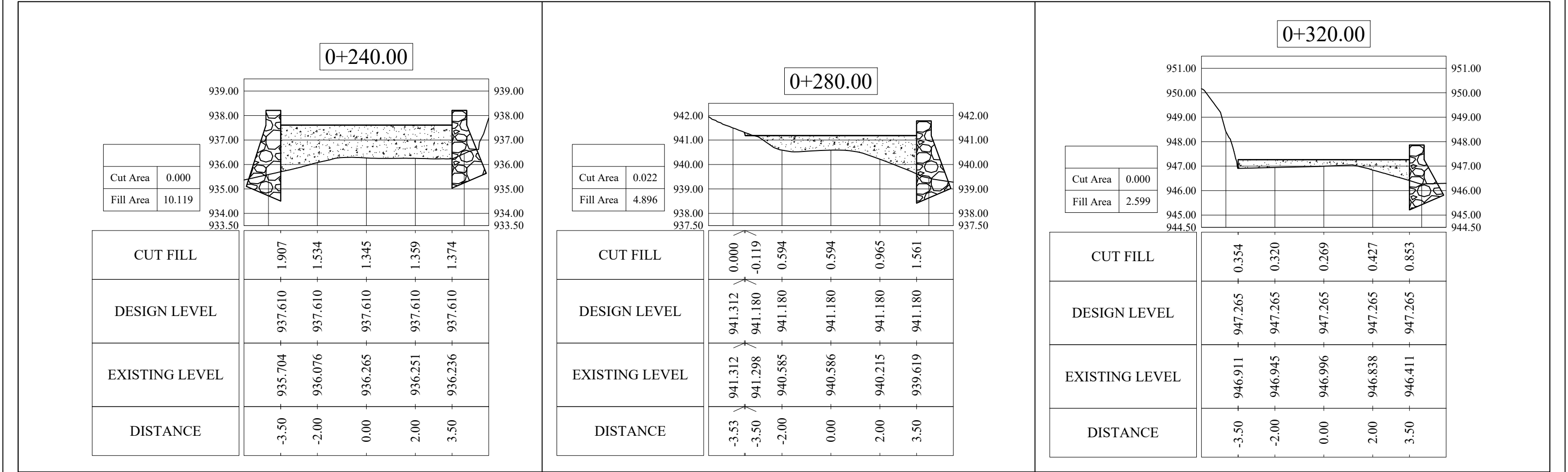
TOURISM DEPARTMENT, MEGHALAYA

PROJECT NAME:

CONSTRUCTION OF APPROACH ROAD TO MANDALGRE (LENGTH = 3.550 KM)

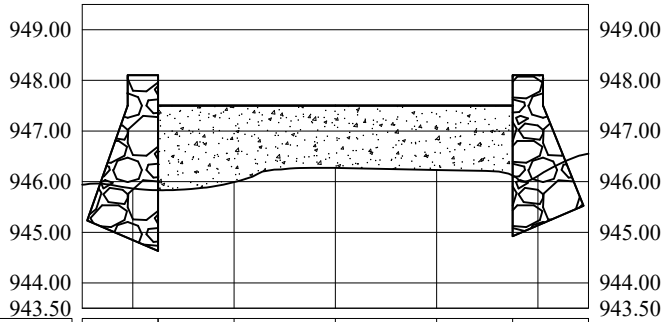
DRAWING TITLE : PLAN & PROFILE - (CH 3+240.00 M - CH 3+550.00 M)





0+480.00

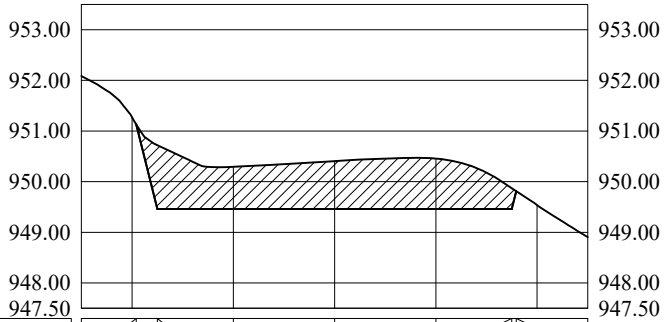
Cut Area	0.000
Fill Area	9.470



CUT FILL	1.670	1.512	1.232	1.272	1.380
DESIGN LEVEL	947.503	947.503	947.503	947.503	947.503
EXISTING LEVEL	945.833	945.991	946.271	946.231	946.123
DISTANCE	-3.50	-2.00	0.00	2.00	3.50

0+520.00

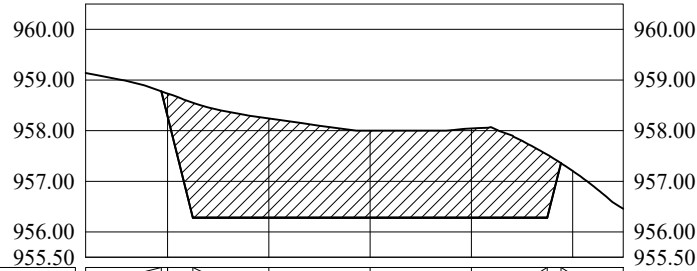
Cut Area	6.640
Fill Area	0.000



CUT FILL	0.000	-1.262	-0.834	-0.947	-0.996	-0.411	0.000
DESIGN LEVEL	951.129	949.459	949.459	949.459	949.459	949.459	949.812
EXISTING LEVEL	951.129	950.721	950.293	950.406	950.455	949.870	949.812
DISTANCE	-3.92	-3.50	-2.00	0.00	2.00	3.50	3.59

0+560.00

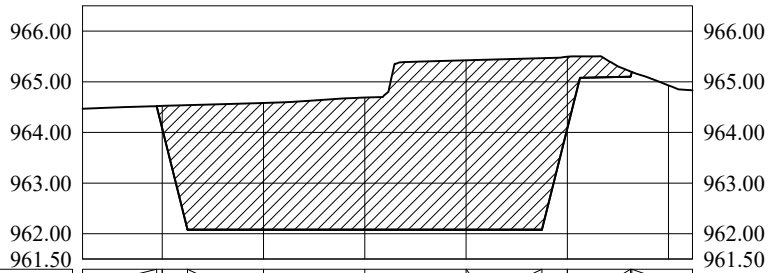
Cut Area	13.493
Fill Area	0.000



CUT FILL	0.000	-0.452	-2.268	-1.959	-1.718	-1.762	-1.244	0.000
DESIGN LEVEL	958.777	958.282	956.282	956.282	956.282	956.282	956.282	957.359
EXISTING LEVEL	958.777	958.734	958.551	958.241	958.000	958.044	957.526	957.359
DISTANCE	-4.12	-4.00	-3.50	-2.00	0.00	2.00	3.50	3.77

0+600.00

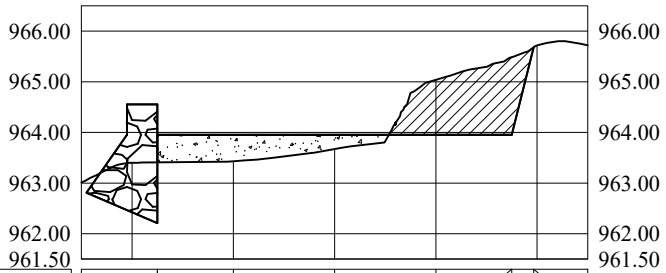
Cut Area	22.655
Fill Area	0.000



CUT FILL	0.000	-0.444	-2.460	-2.503	-2.609	-3.344	-3.386	-1.415	-0.103	0.000
DESIGN LEVEL	964.519	964.079	962.079	962.079	962.079	962.079	962.079	964.079	965.099	965.193
EXISTING LEVEL	964.519	964.523	964.539	964.582	964.688	965.424	965.465	965.494	965.202	965.193
DISTANCE	-4.11	-4.00	-3.50	-2.00	0.00	2.00	3.50	4.00	5.25	5.27

0+640.00

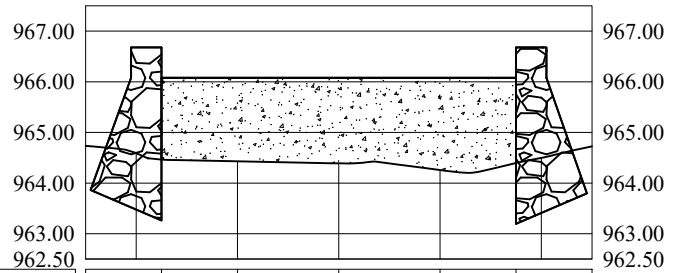
Cut Area	2.919
Fill Area	1.861



CUT FILL	0.543	0.524	0.280	-1.085	-1.533	0.000
DESIGN LEVEL	963.953	963.953	963.953	963.953	963.953	965.683
EXISTING LEVEL	963.410	963.429	963.672	965.038	965.486	965.683
DISTANCE	-3.50	-2.00	0.00	2.00	3.50	3.93

0+680.00

Cut Area	0.000
Fill Area	11.946



CUT FILL	1.616	1.649	1.690	1.821	1.683
DESIGN LEVEL	966.079	966.079	966.079	966.079	966.079
EXISTING LEVEL	964.463	964.430	964.389	964.258	964.396
DISTANCE	-3.50	-2.00	0.00	2.00	3.50

GOVERNMENT OF MEGHALAYA

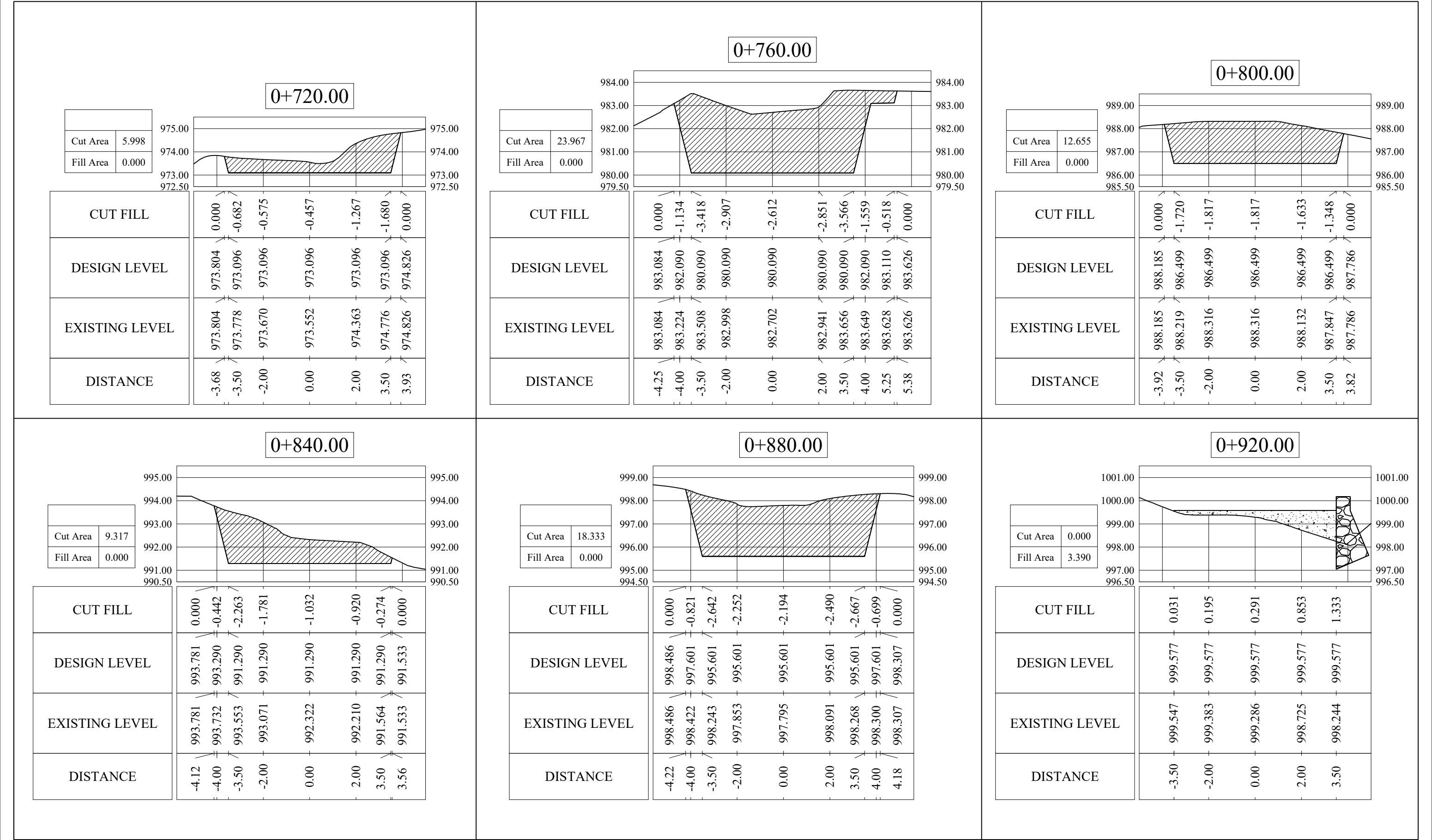


TOURISM DEPARTMENT, MEGHALAYA

PROJECT NAME:

CONSTRUCTION OF APPROACH ROAD TO MANDALGRE (LENGTH = 3.550 KM)

DRAWING TITLE : CROSS SECTION - (CH 480 M - CH 680 M)



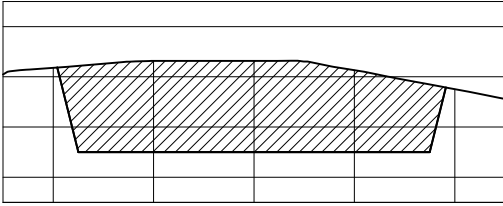
Cut Area

12.655

Fill Area

0.000

0+800.00



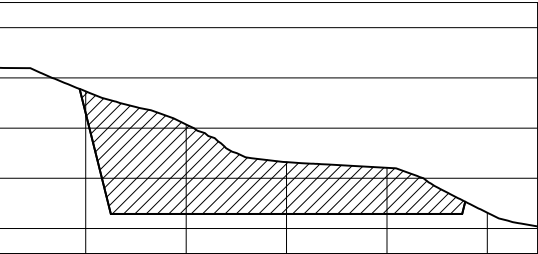
Cut Area

9.317

Fill Area

0.000

0+840.00



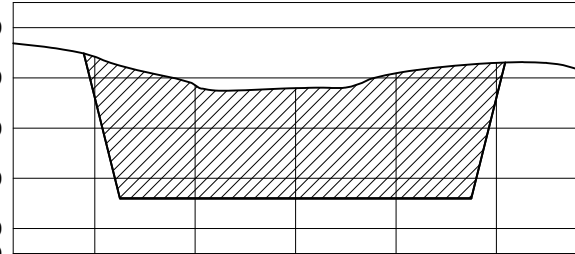
Cut Area

18.333

Fill Area

0.000

0+880.00



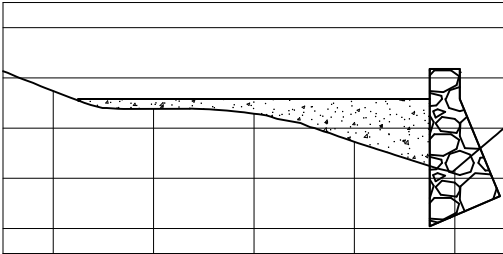
Cut Area

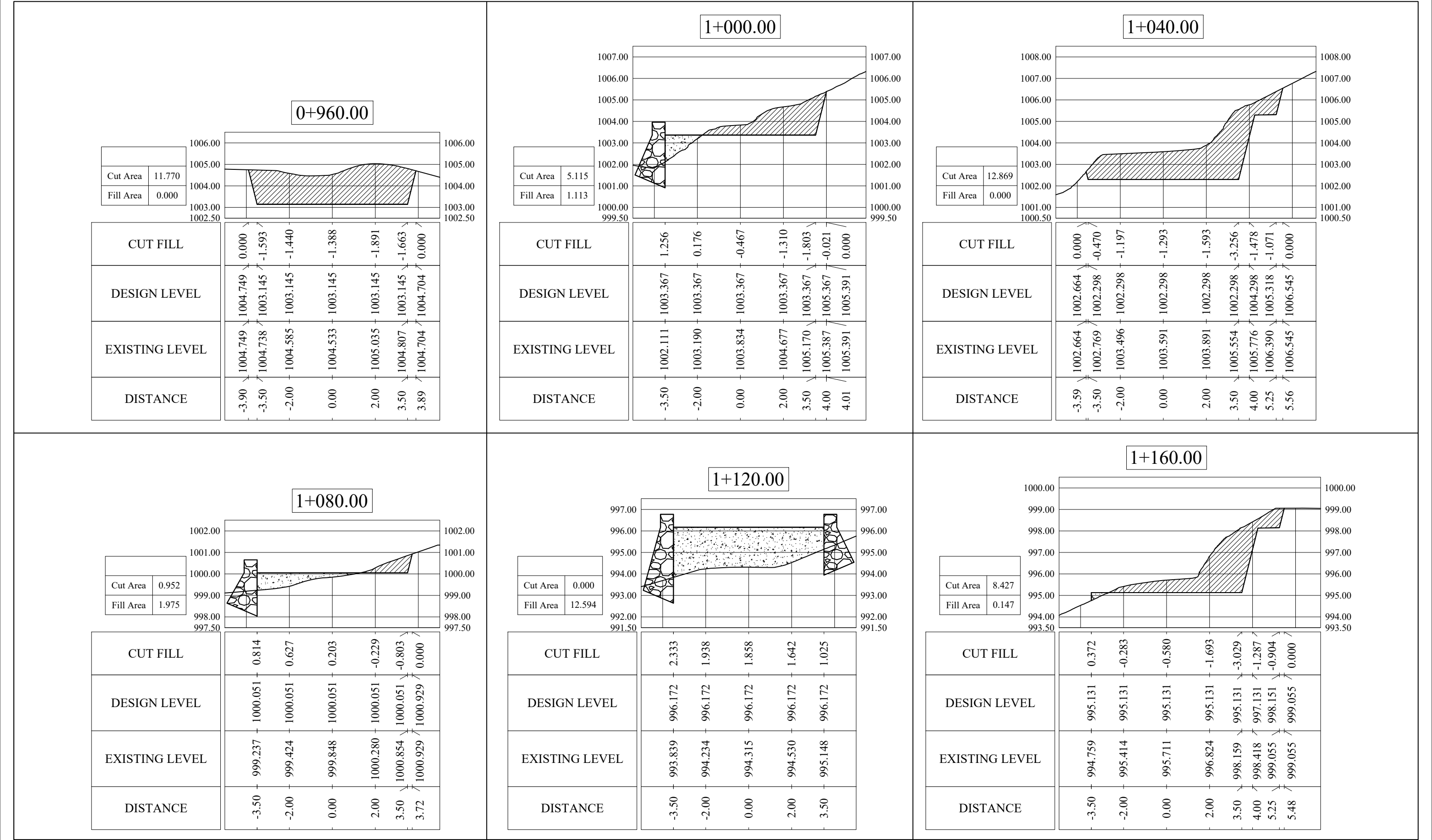
0.000

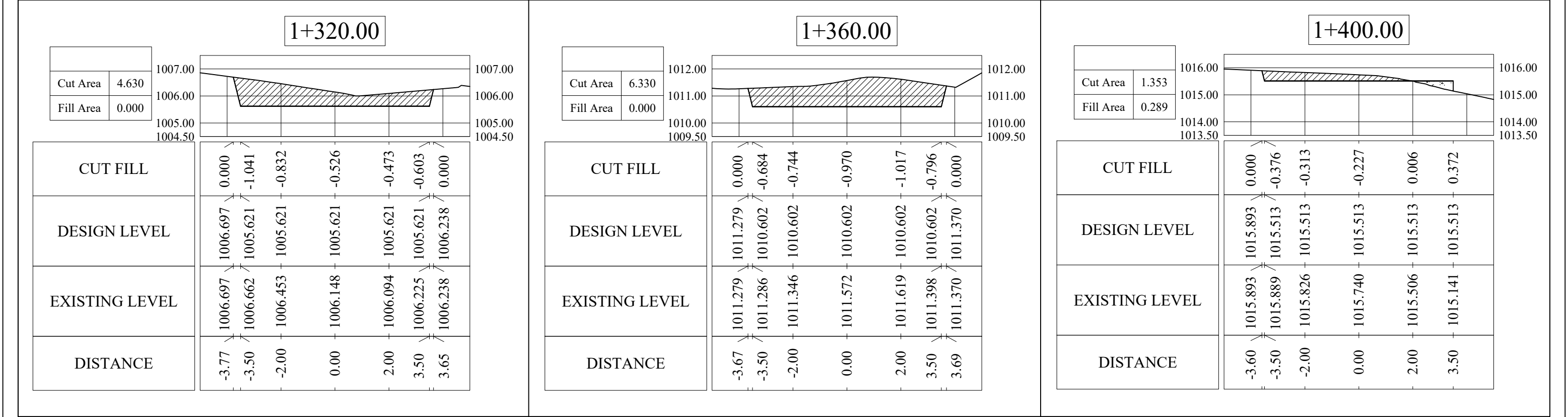
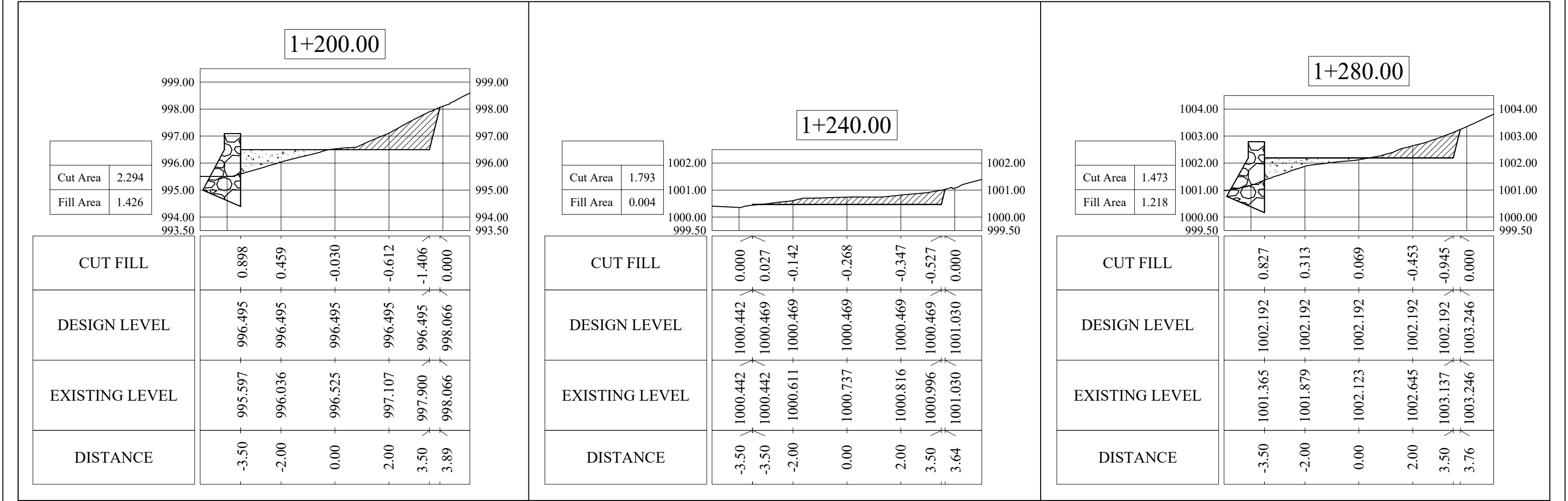
Fill Area

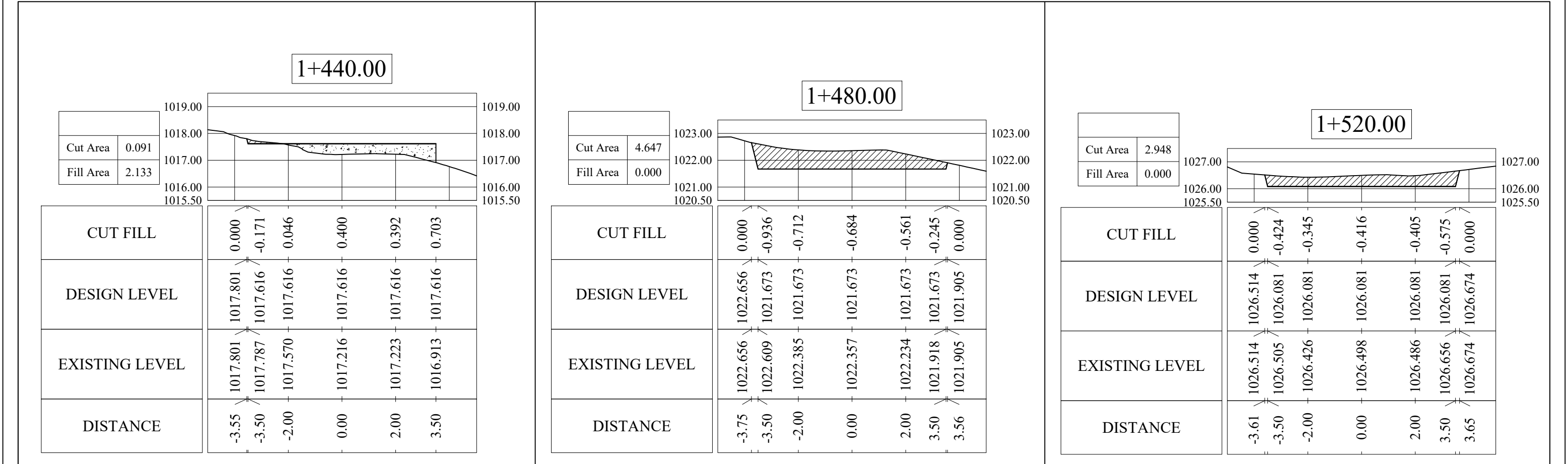
3.390

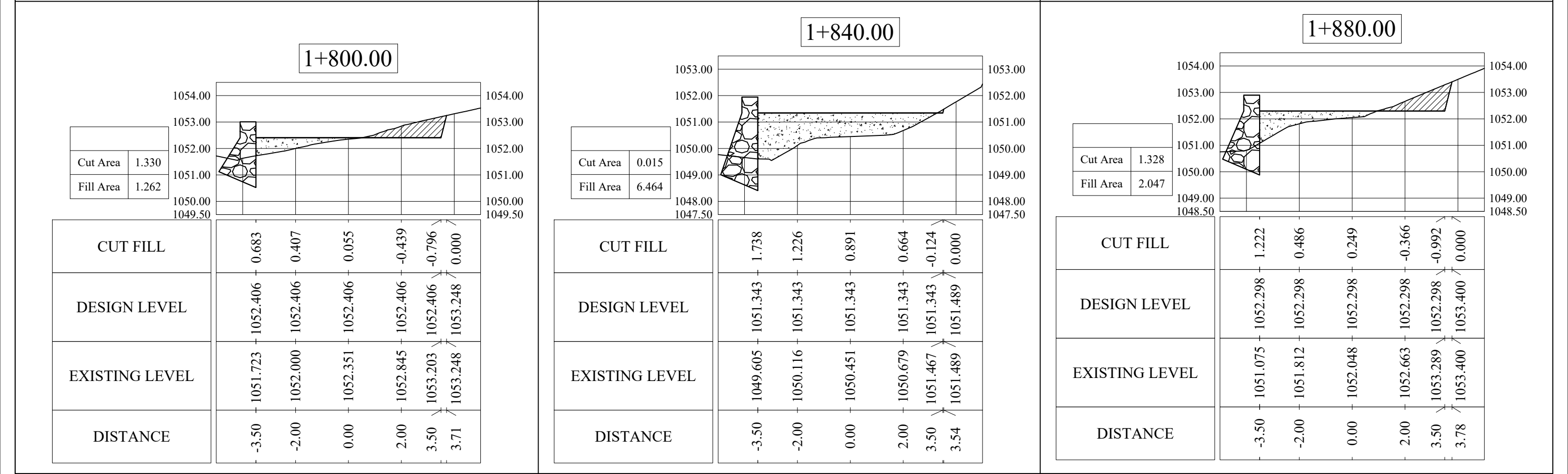
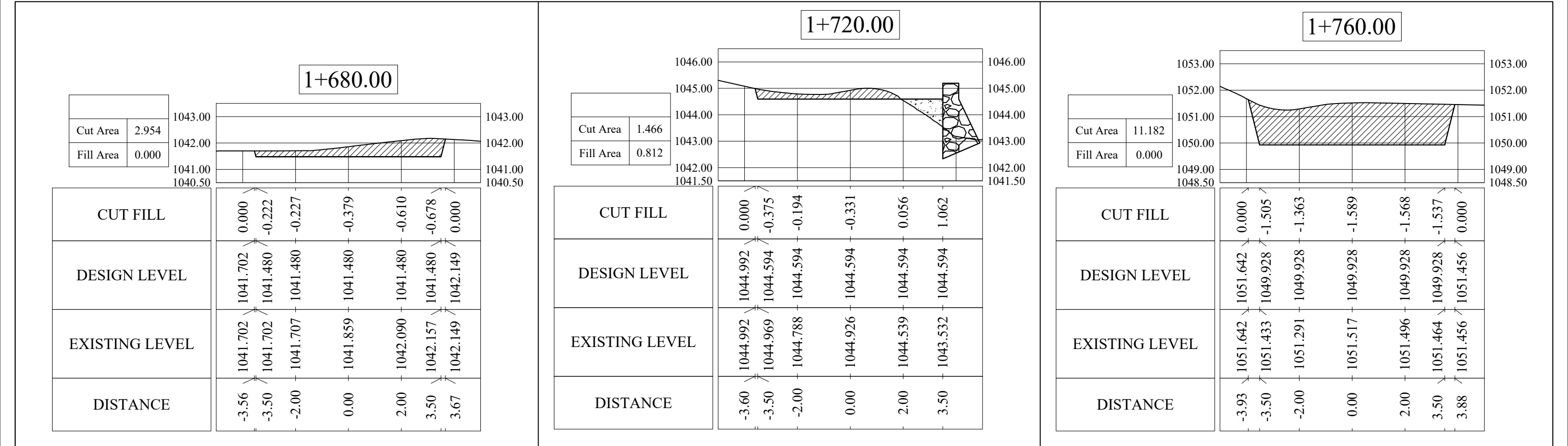
0+920.00





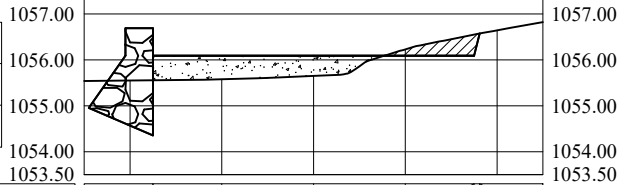






1+920.00

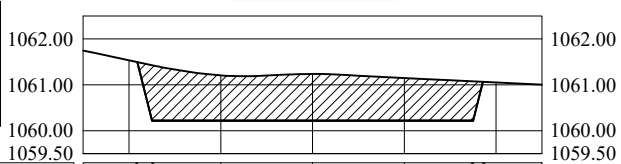
Cut Area	0.528
Fill Area	2.188



CUT FILL	-3.50	-2.00	0.00	2.00	3.50	3.62
DESIGN LEVEL	1055.556	1055.578	1055.651	1056.090	1056.090	1056.576
EXISTING LEVEL	1055.556	1055.578	1055.651	1056.228	1056.552	1056.576
DISTANCE	-3.50	-2.00	0.00	2.00	3.50	3.62

1+960.00

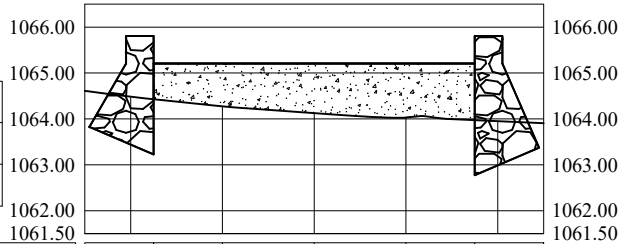
Cut Area	7.188
Fill Area	0.000



CUT FILL	-3.82	-3.50	-2.00	0.00	2.00	3.50	3.71
DESIGN LEVEL	1061.496	1061.496	1060.218	1060.218	1060.218	1060.218	1061.067
EXISTING LEVEL	1061.496	1061.428	1061.207	1061.236	1061.147	1061.076	1061.067
DISTANCE	-3.82	-3.50	-2.00	0.00	2.00	3.50	3.71

2+000.00

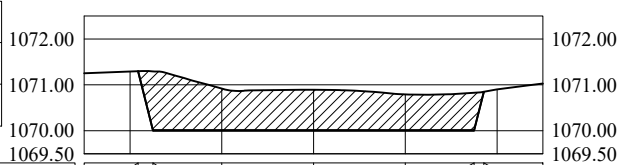
Cut Area	0.000
Fill Area	7.385



CUT FILL	-3.50	-2.00	0.00	2.00	3.50
DESIGN LEVEL	1065.208	1065.208	1065.208	1065.208	1065.208
EXISTING LEVEL	1064.427	1064.273	1064.127	1064.031	1063.973
DISTANCE	-3.50	-2.00	0.00	2.00	3.50

2+040.00

Cut Area	6.620
Fill Area	0.000



CUT FILL	-3.82	-3.50	-2.00	0.00	2.00	3.50	3.71
DESIGN LEVEL	1071.297	1070.006	1070.006	1070.006	1070.006	1070.006	1070.849
EXISTING LEVEL	1071.297	1071.294	1070.917	1070.892	1070.793	1070.828	1070.849
DISTANCE	-3.82	-3.50	-2.00	0.00	2.00	3.50	3.71

2+080.00

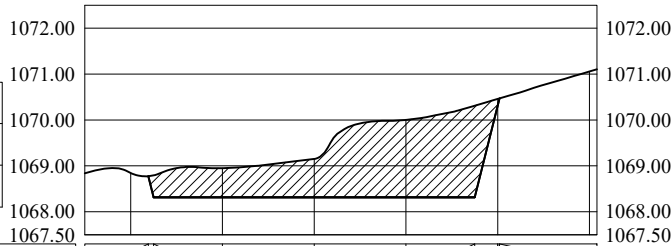
Cut Area	22.995
Fill Area	0.000



CUT FILL	-3.65	-3.50	-2.00	0.00	2.00	3.50	4.00	5.25	6.00	7.00	7.22
DESIGN LEVEL	1071.759	1071.153	1071.153	1071.153	1071.153	1071.153	1073.153	1074.173	1077.173	1077.193	1078.082
EXISTING LEVEL	1071.759	1071.923	1072.726	1072.918	1074.255	1076.114	1076.328	1076.932	1077.366	1077.945	1078.082
DISTANCE	-3.65	-3.50	-2.00	0.00	2.00	3.50	4.00	5.25	6.00	7.00	7.22

2+120.00

Cut Area	8.617
Fill Area	0.000



CUT FILL	-3.62	-3.50	-2.00	0.00	2.00	3.50	4.00	4.04
DESIGN LEVEL	1068.776	1068.314	1068.314	1068.314	1068.314	1068.314	1070.314	1070.469
EXISTING LEVEL	1068.776	1068.794	1068.950	1069.150	1070.002	1070.312	1070.458	1070.469
DISTANCE	-3.62	-3.50	-2.00	0.00	2.00	3.50	4.00	4.04

GOVERNMENT OF MEGHALAYA

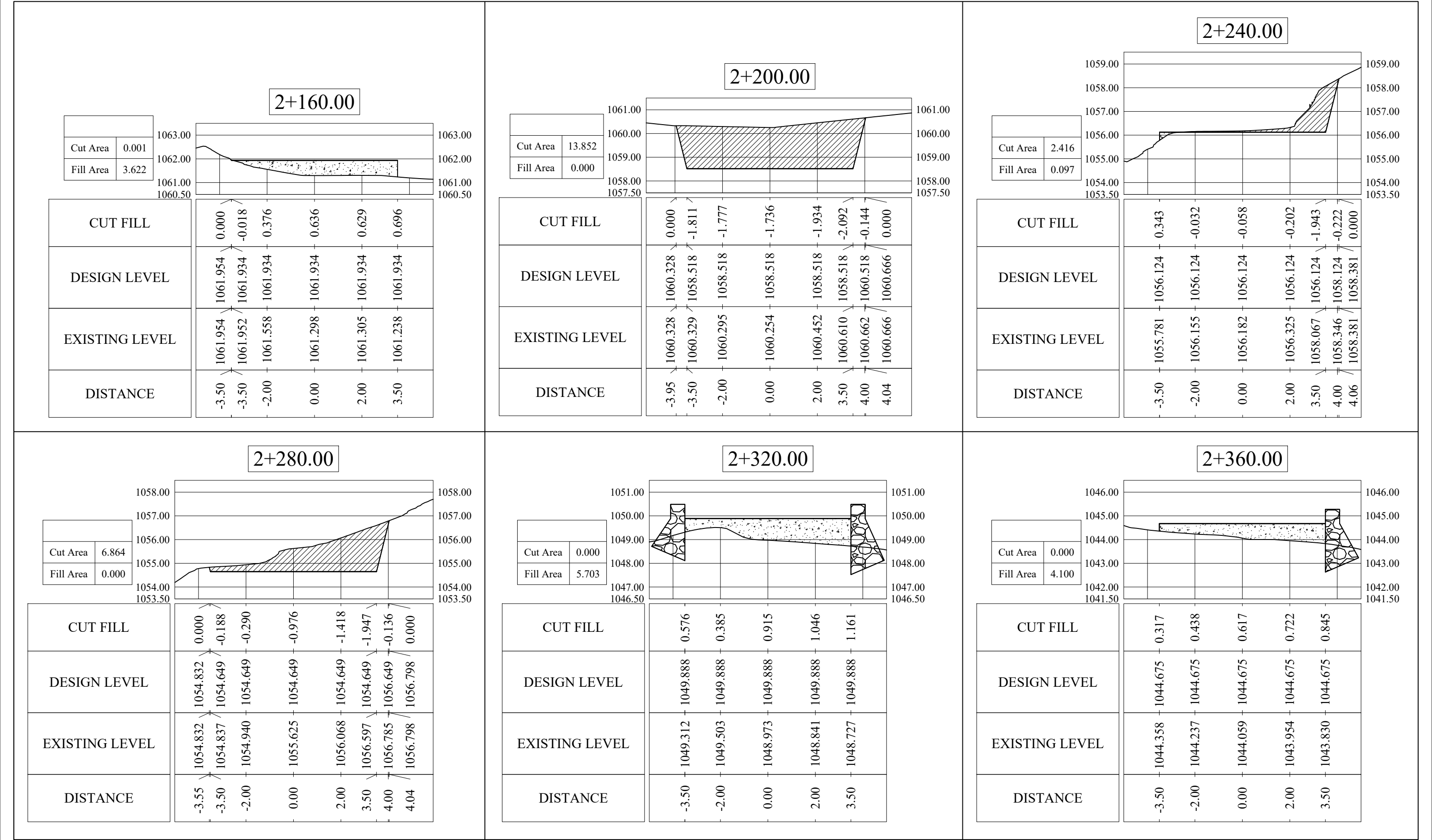


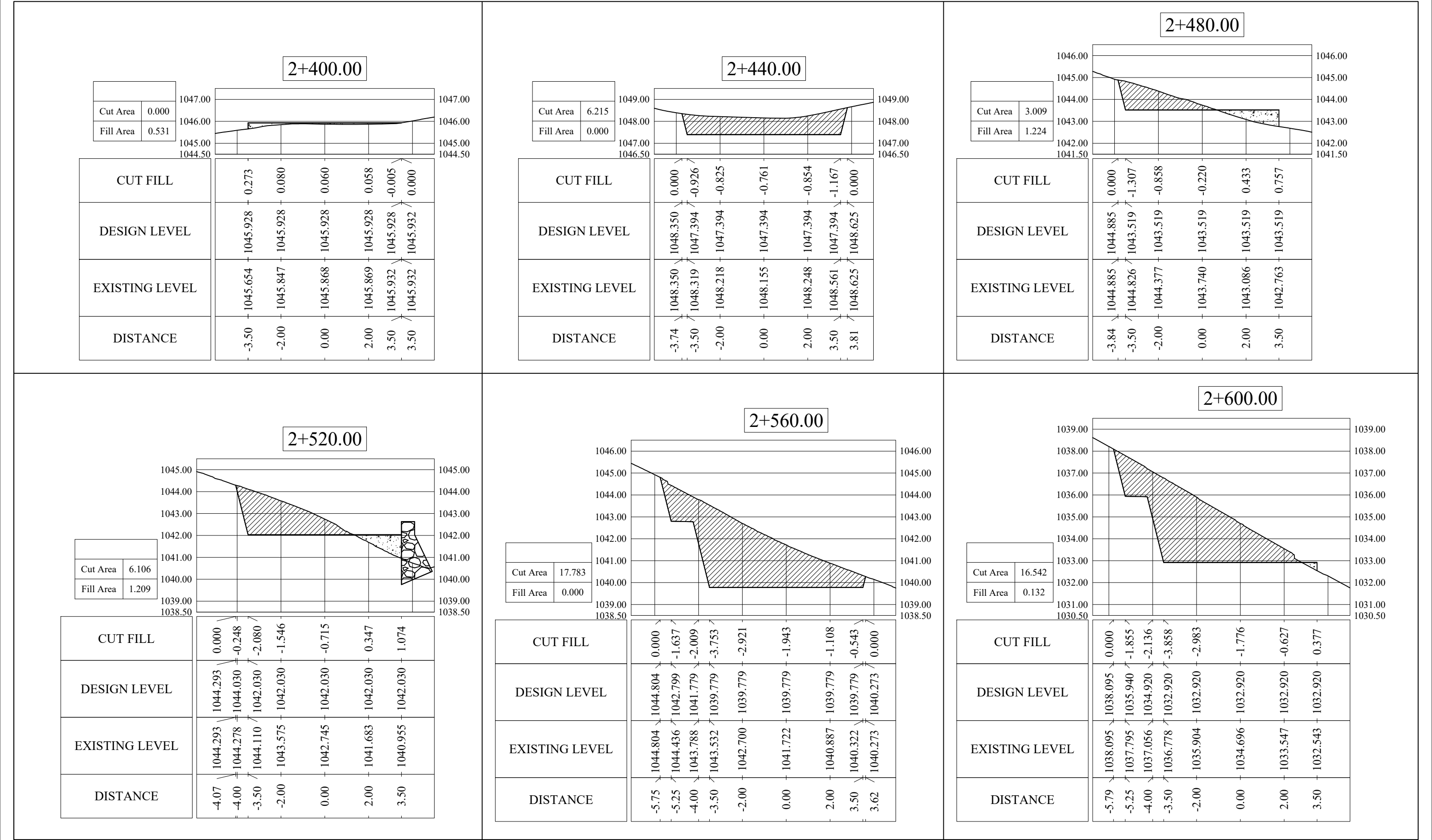
TOURISM DEPARTMENT, MEGHALAYA

PROJECT NAME:

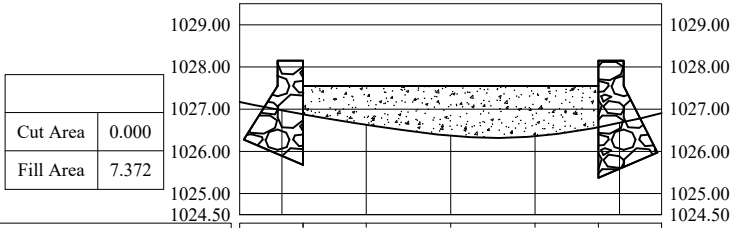
CONSTRUCTION OF APPROACH ROAD TO MANDALGRE (LENGTH = 3.550 KM)

DRAWING TITLE : CROSS SECTION - (CH 1920 M - CH 2120 M)



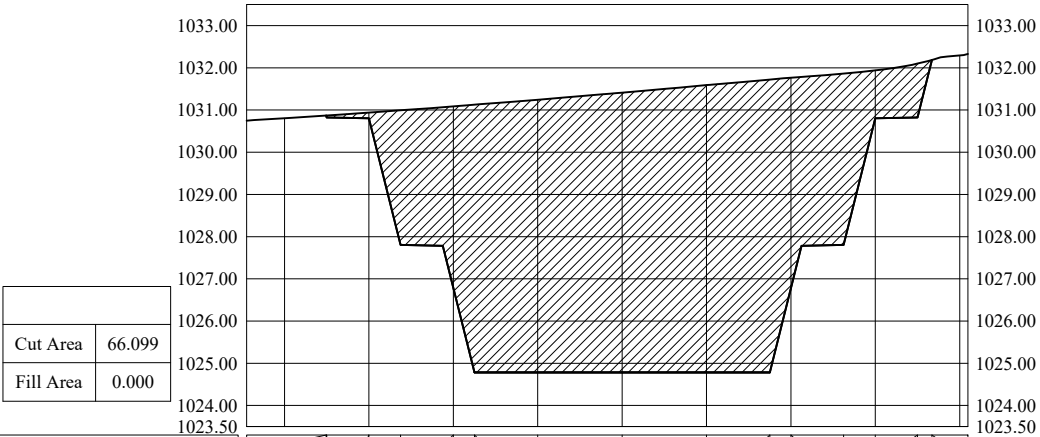


2+640.00



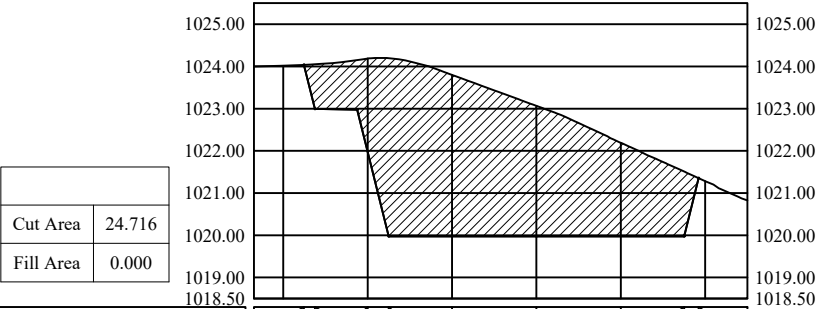
CUT FILL	-3.50	-2.00	0.00	2.00	3.50
DESIGN LEVEL	1027.548	1027.548	1027.548	1027.548	1027.548
EXISTING LEVEL	1026.879	1026.631	1026.374	1026.361	1026.574
DISTANCE					

2+680.00



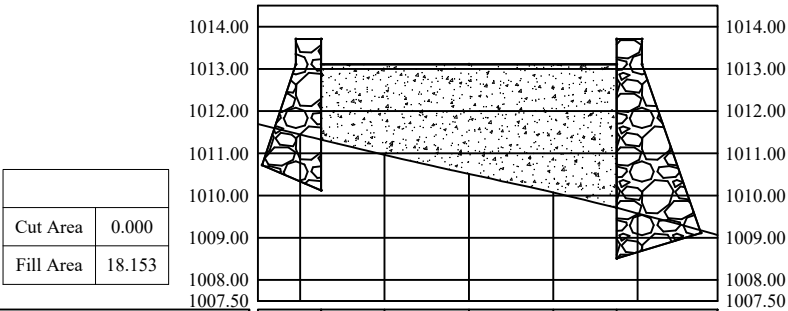
CUT FILL	-7.01	-7.00	-6.00	-5.25	-4.00	-3.50	-2.00	0.00	2.00	3.50	4.00	5.25	6.00	7.00	7.34
DESIGN LEVEL	1030.870	1030.823	1030.803	1027.803	1026.783	1024.783	1024.783	1024.783	1024.783	1024.783	1024.783	1027.803	1030.803	1030.823	1032.184
EXISTING LEVEL	1030.870	1030.871	1030.939	1030.993	1031.086	1031.126	1031.243	1031.412	1031.589	1031.722	1031.765	1031.862	1031.940	1032.101	1032.184
DISTANCE															

2+720.00



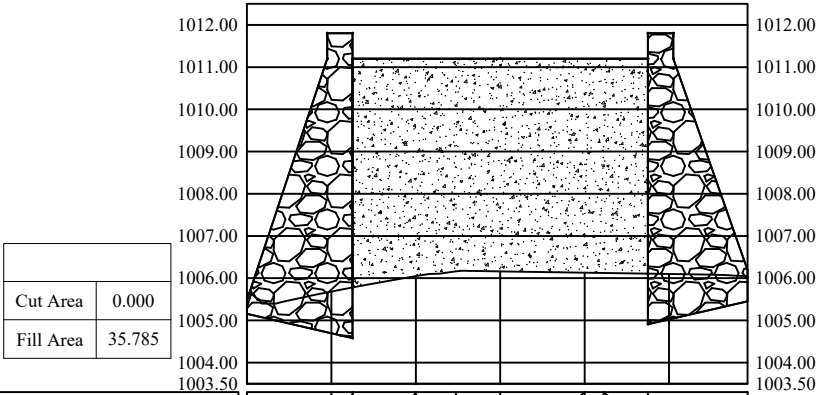
CUT FILL	-5.51	-5.25	-4.00	-3.50	-2.00	0.00	2.00	3.50	3.84
DESIGN LEVEL	1024.037	1022.995	1021.975	1019.975	1019.975	1019.975	1019.975	1019.975	1021.353
EXISTING LEVEL	1024.037	1024.050	1024.187	1024.195	1023.801	1023.066	1022.190	1021.511	1021.353
DISTANCE									

2+760.00



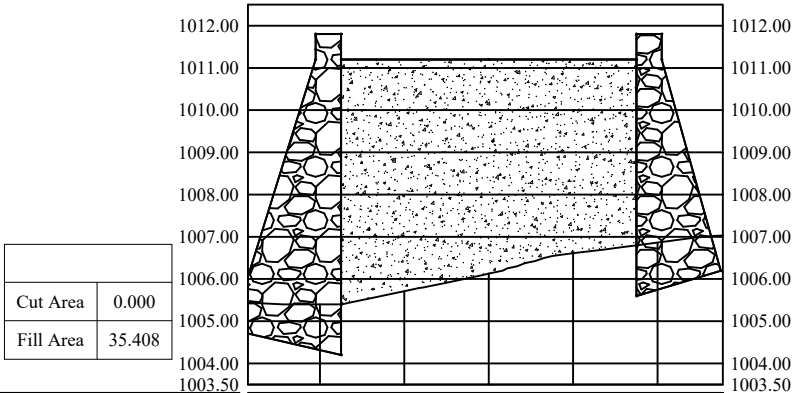
CUT FILL	-3.50	-2.00	0.00	2.00	3.50
DESIGN LEVEL	1013.110	1013.110	1013.110	1013.110	1013.110
EXISTING LEVEL	1011.323	1010.963	1010.511	1010.074	1009.712
DISTANCE					

2+796.50



CUT FILL	-3.50	-2.00	-1.05	0.00	2.00	2.45	3.50
DESIGN LEVEL	1011.201	1011.201	1011.201	1011.201	1011.201	1011.201	1011.201
EXISTING LEVEL	1005.780	1006.047	1006.163	1006.161	1006.130	1006.124	1006.108
DISTANCE							

2+803.50



CUT FILL	-3.50	-2.45	-2.00	0.00	2.00	2.45	3.50
DESIGN LEVEL	1011.201	1011.201	1011.201	1011.201	1011.201	1011.201	1011.201
EXISTING LEVEL	1005.400	1005.618	1005.712	1006.129	1006.610	1006.664	1006.796
DISTANCE							

GOVERNMENT OF MEGHALAYA

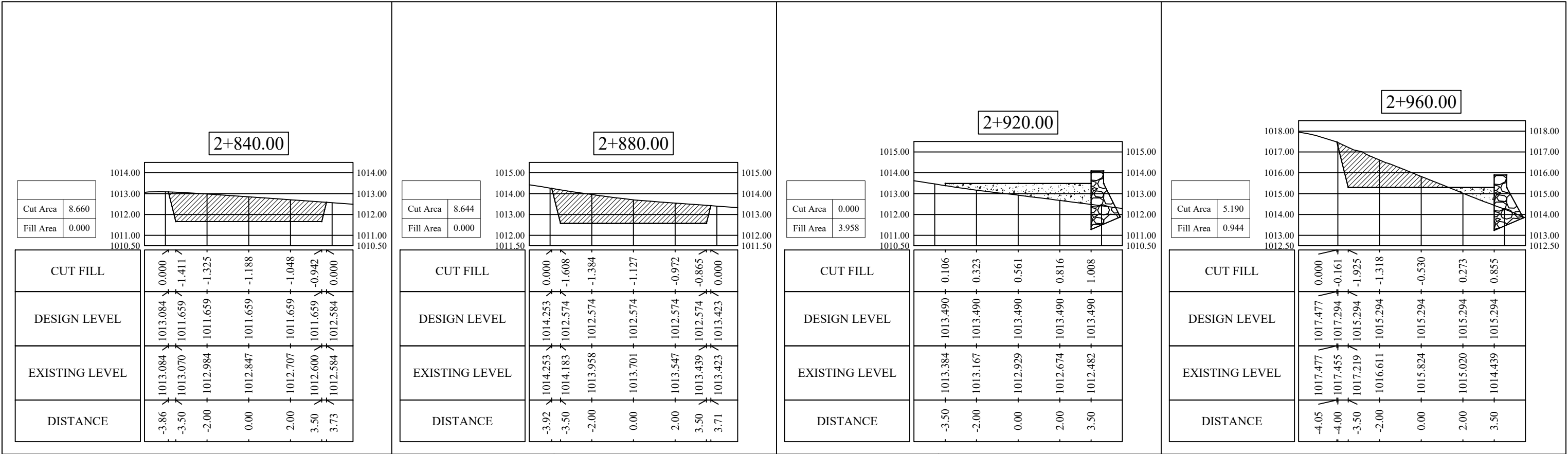


TOURISM DEPARTMENT, MEGHALAYA

PROJECT NAME:

CONSTRUCTION OF APPROACH ROAD TO MANDALGRE (LENGTH = 3.550 KM)

DRAWING TITLE : CROSS SECTION - (CH 2640 M - CH 2803.5 M)



Cut Area

0.000

Fill Area

3.958

1015.00

1014.00

1013.00

1012.00

1011.00

1010.50

1015.00

1014.00

1013.00

1012.00

1011.00

1010.50

2+920.00

0.106

1013.490

1013.490

-3.50

0.323

1013.490

1013.167

-2.00

0.561

1013.490

1012.929

0.00

0.816

1013.490

1012.674

2.00

1.008

1013.490

1012.482

3.50

Cut Area

5.190

Fill Area

0.944

1018.00

1017.00

1016.00

1015.00

1014.00

1013.00

1012.50

1018.00

1017.00

1016.00

1015.00

1014.00

1013.00

1012.50

2+960.00

0.000

1017.477

1017.477

-4.05

-0.161

1017.294

1017.477

-4.00

-1.925

1015.294

1017.294

-3.50

-1.318

1015.294

1016.611

-2.00

-0.530

1015.294

1015.824

0.00

0.273

1015.294

1015.020

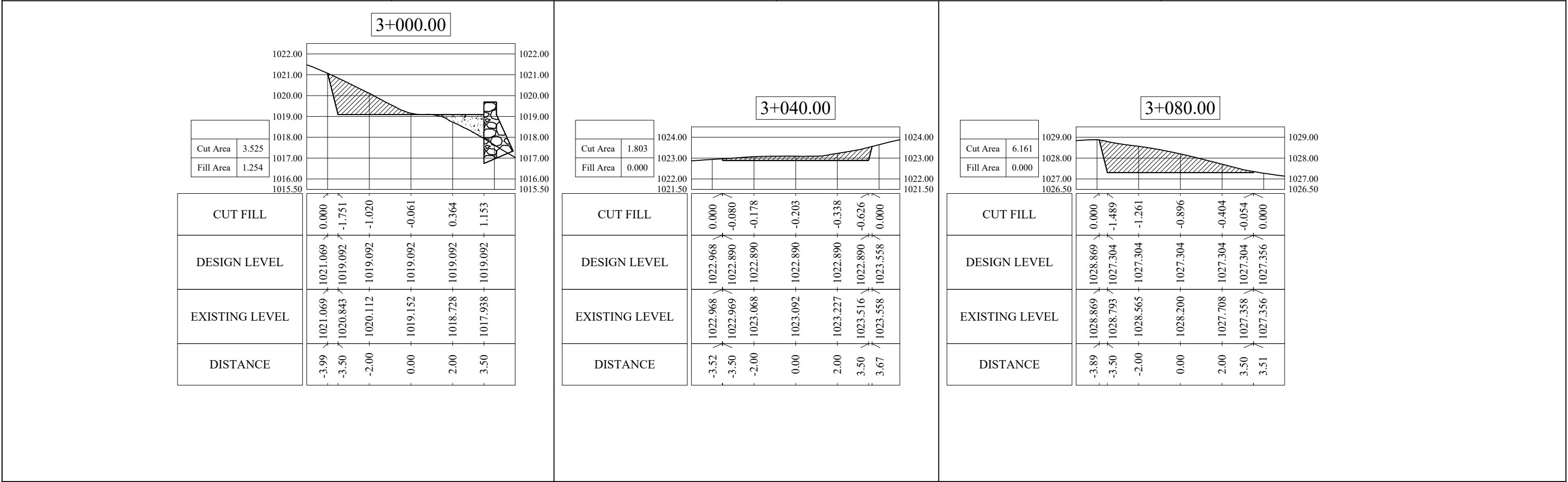
2.00

0.855

1015.294

1014.439

3.50



Cut Area

6.161

Fill Area

0.000

1029.00

1028.00

1027.00

1026.50

1029.00

1028.00

1027.00

1026.50

3+080.00

0.000

1028.869

1028.869

-3.89

-1.489

1027.304

1028.869

-3.50

-1.261

1027.304

1028.565

-2.00

-0.896

1027.304

1028.200

0.00

-0.404

1027.304

1027.708

2.00

-0.054

1027.304

1027.358

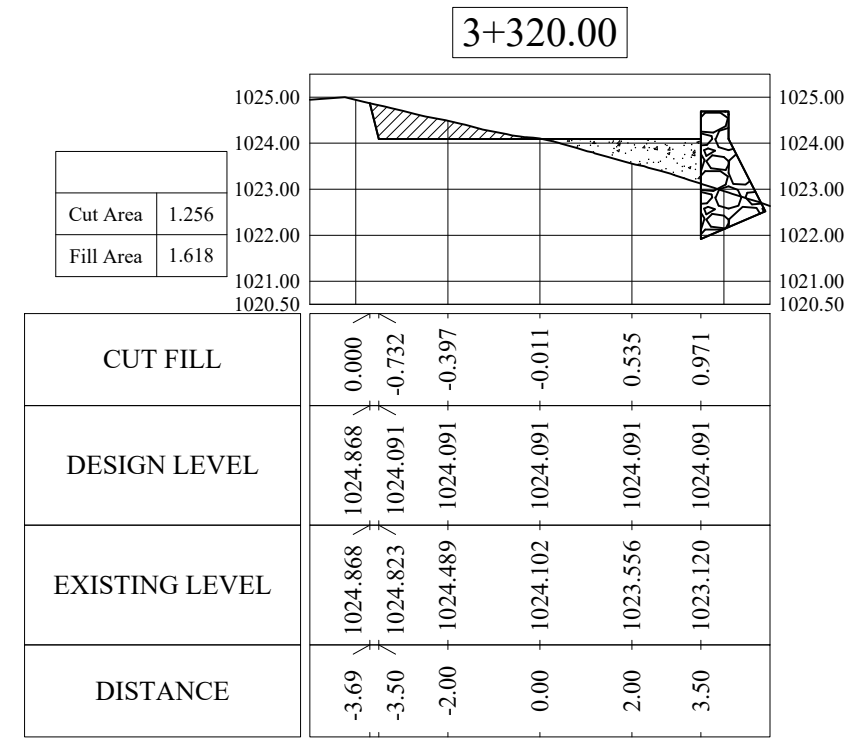
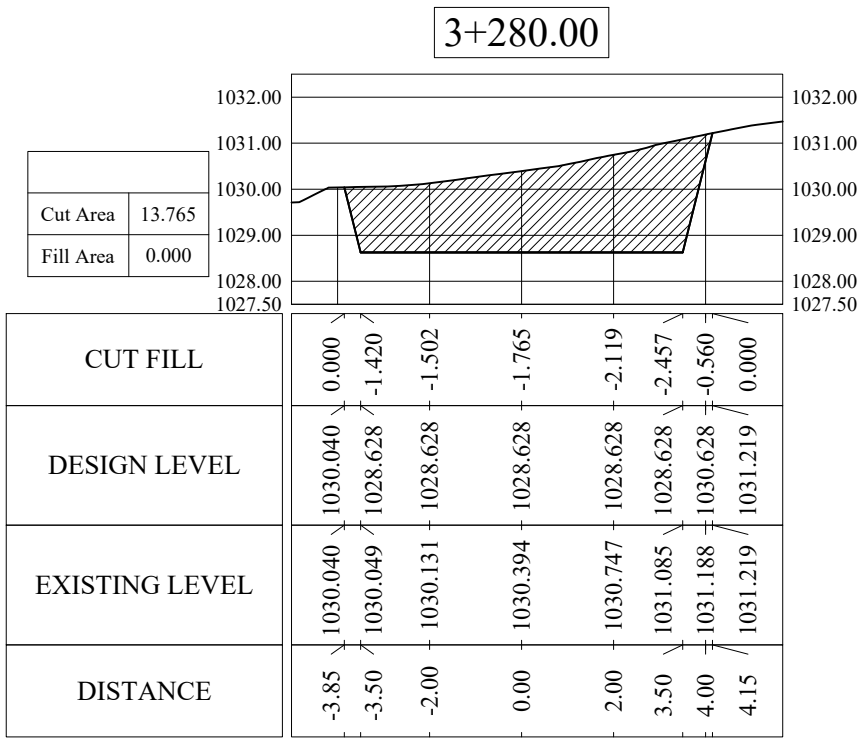
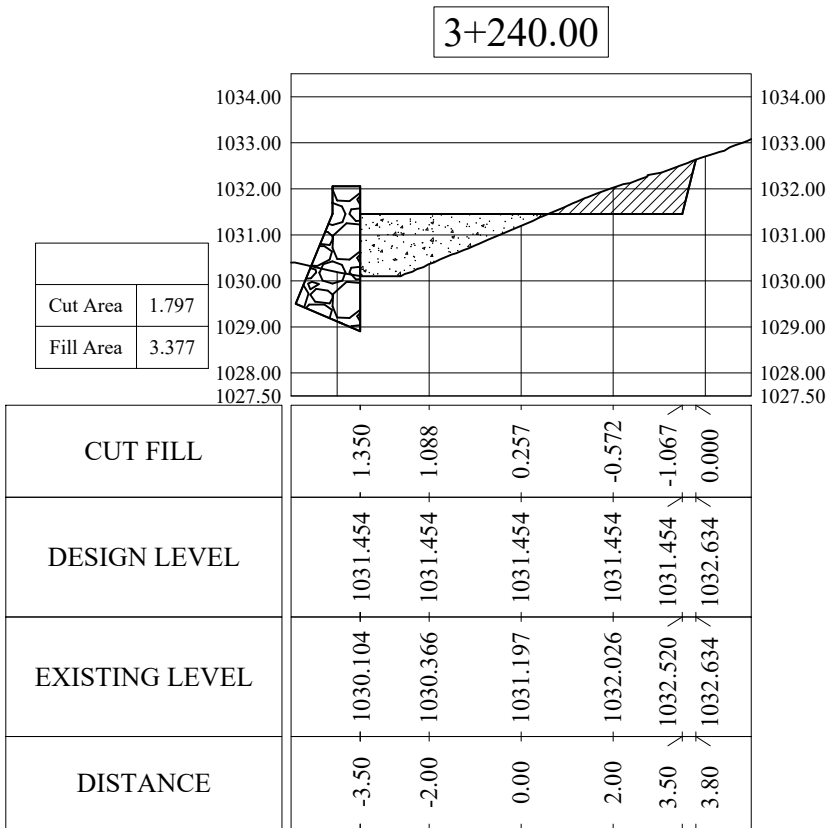
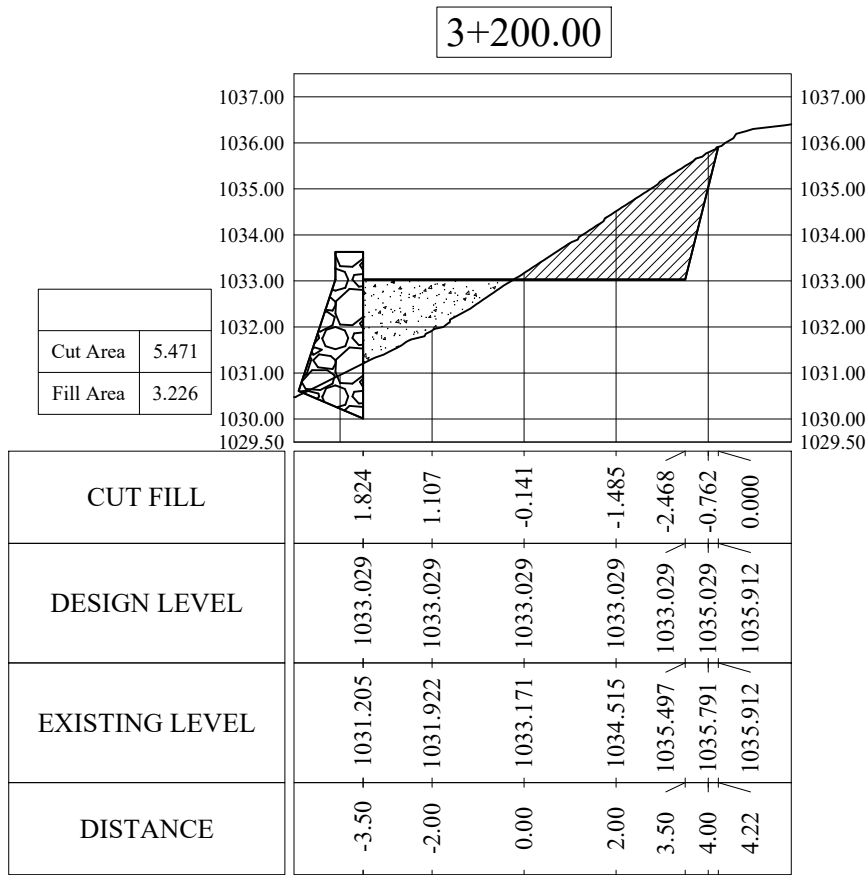
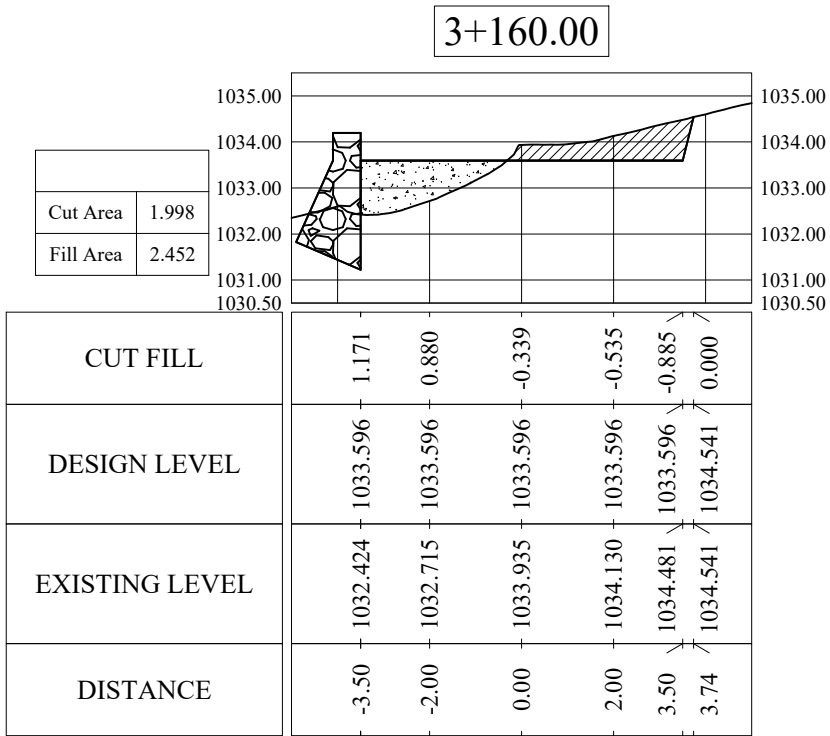
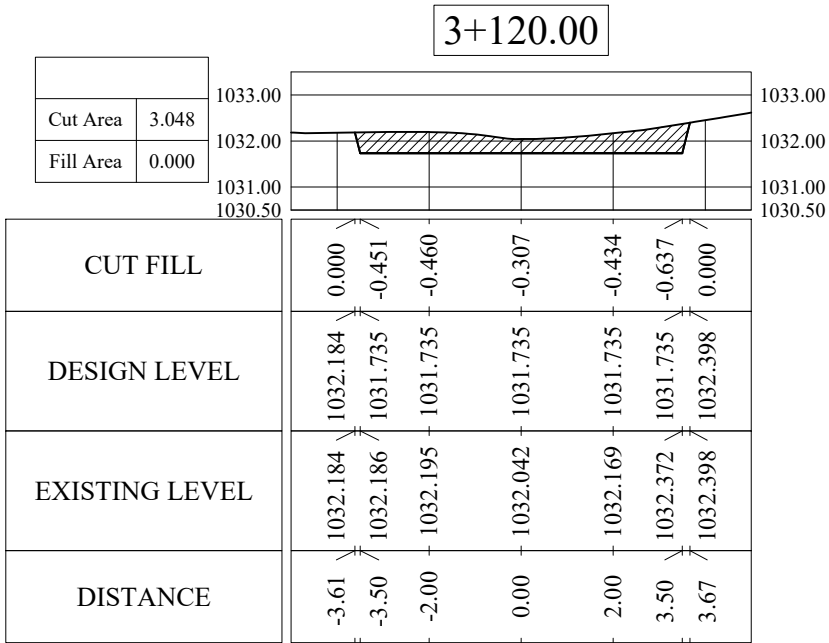
3.50

0.000

1027.356

1027.356

3.51



GOVERNMENT OF MEGHALAYA

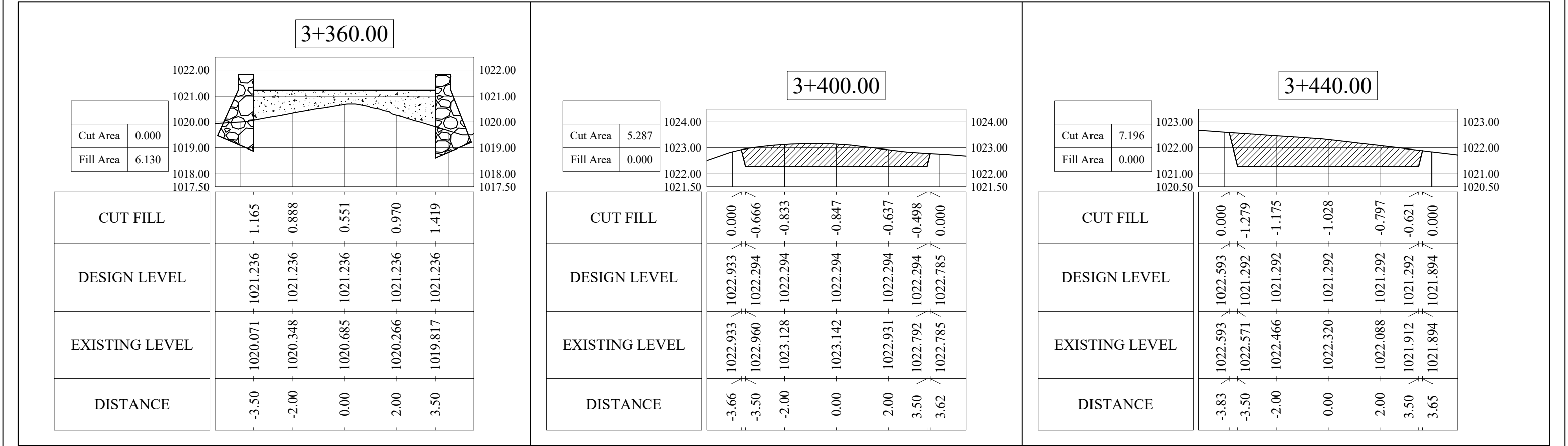


TOURISM DEPARTMENT, MEGHALAYA

PROJECT NAME:

CONSTRUCTION OF APPROACH ROAD TO MANDALGRE (LENGTH = 3.550 KM)

DRAWING TITLE : CROSS SECTION - (CH 3120 M - CH 3320 M)



Cut Area

7.196

Fill Area

0.000

CUT FILL

DESIGN LEVEL

EXISTING LEVEL

DISTANCE

3+440.00

1023.00

1022.00

1021.00

1020.50

1023.00

1022.00

1021.00

1020.50

0.000

-1.279

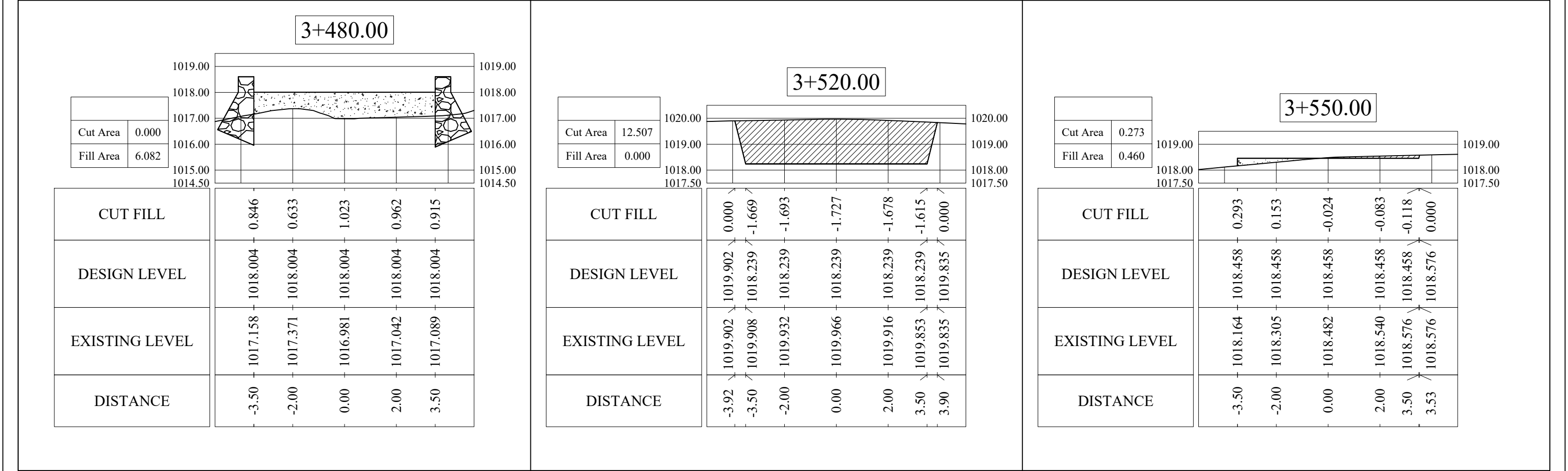
-1.175

-1.028

-0.797

-0.621

0.000



Cut Area

0.273

Fill Area

0.460

CUT FILL

DESIGN LEVEL

EXISTING LEVEL

DISTANCE

3+550.00

1019.00

1018.00

1017.50

1019.00

1018.00

1017.50

0.293

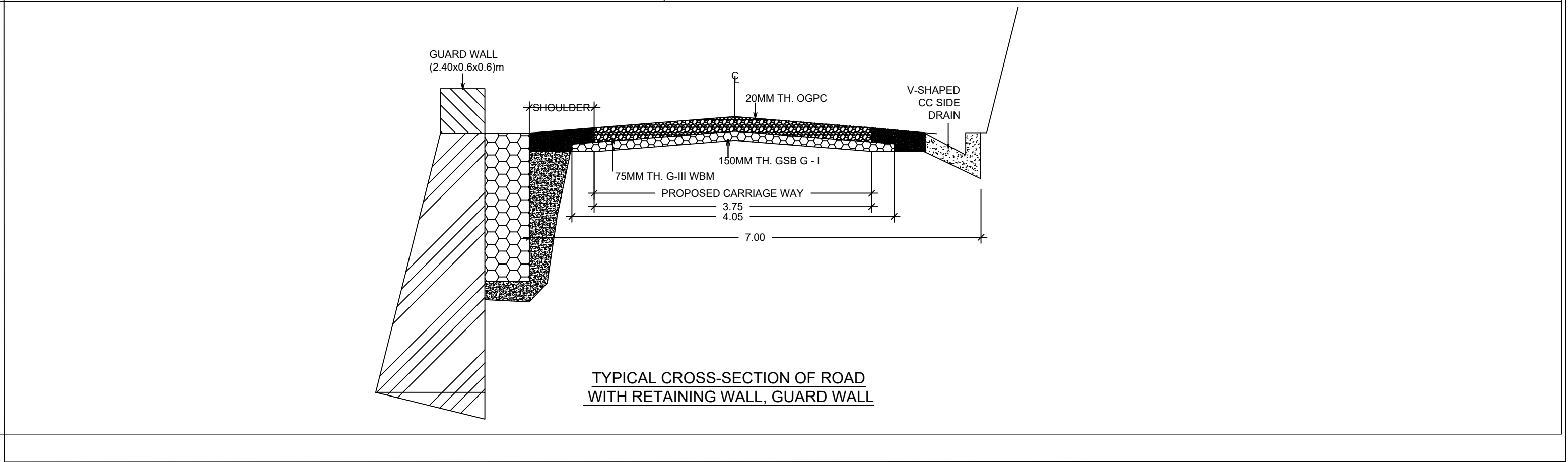
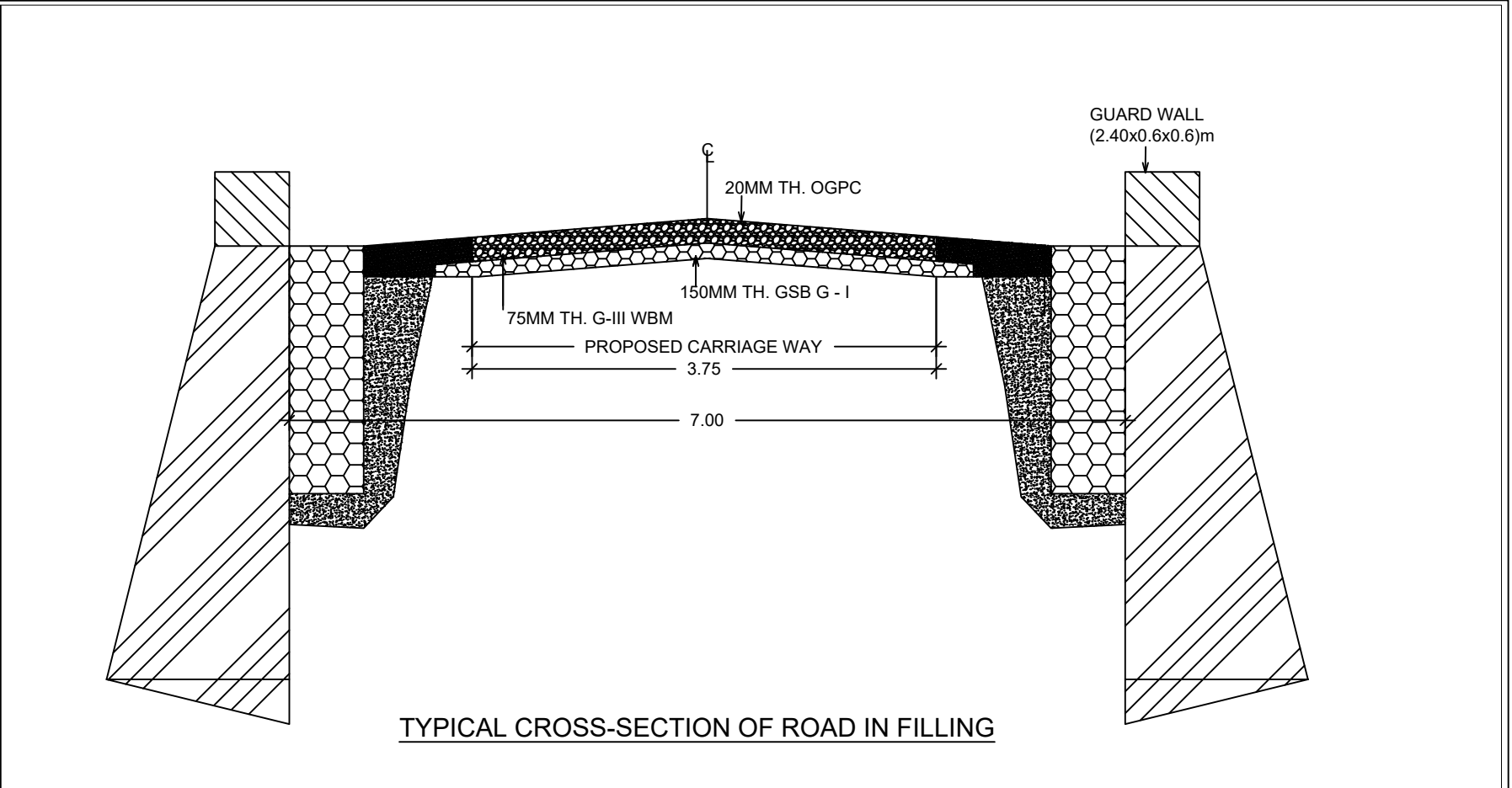
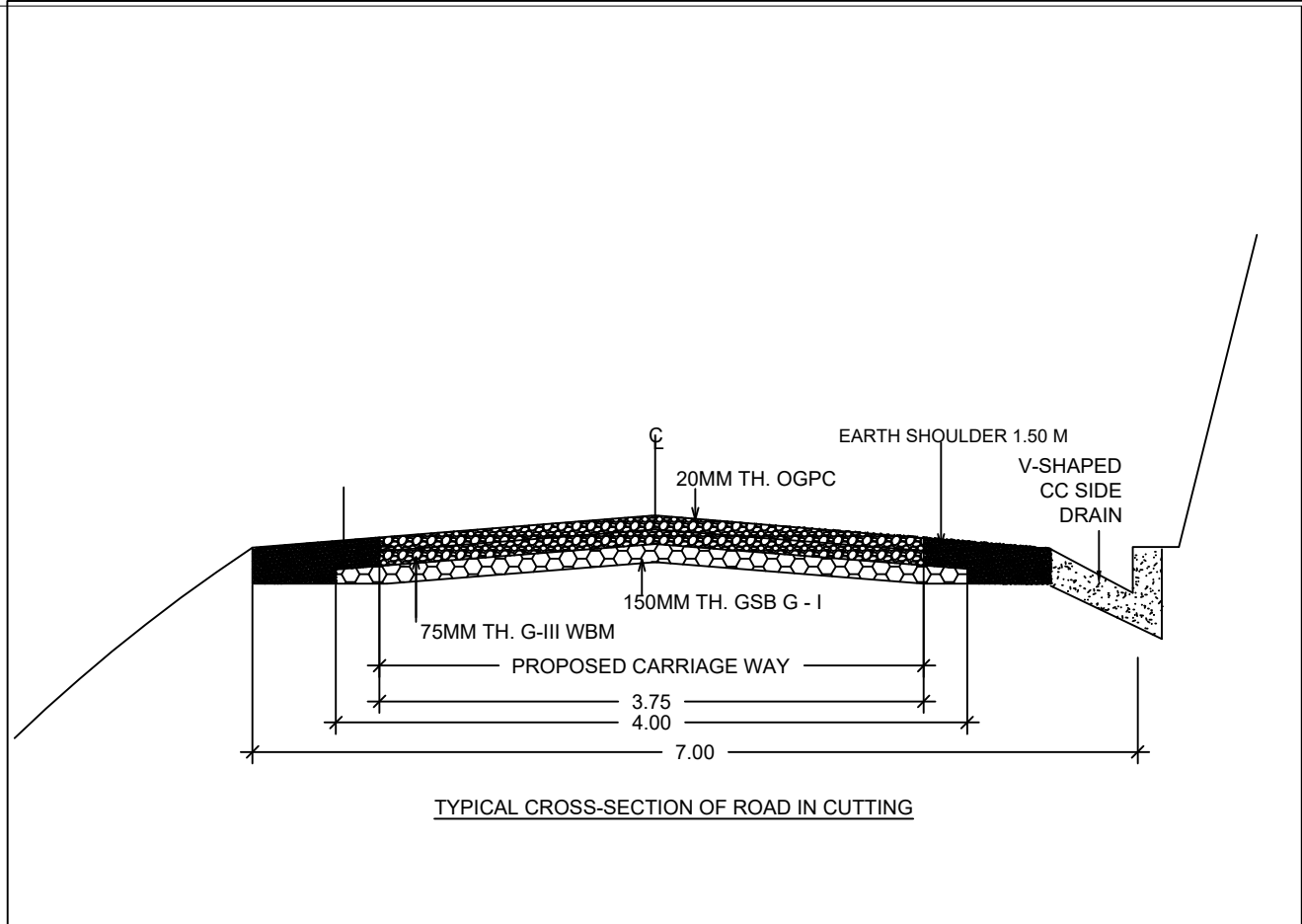
0.153

-0.024

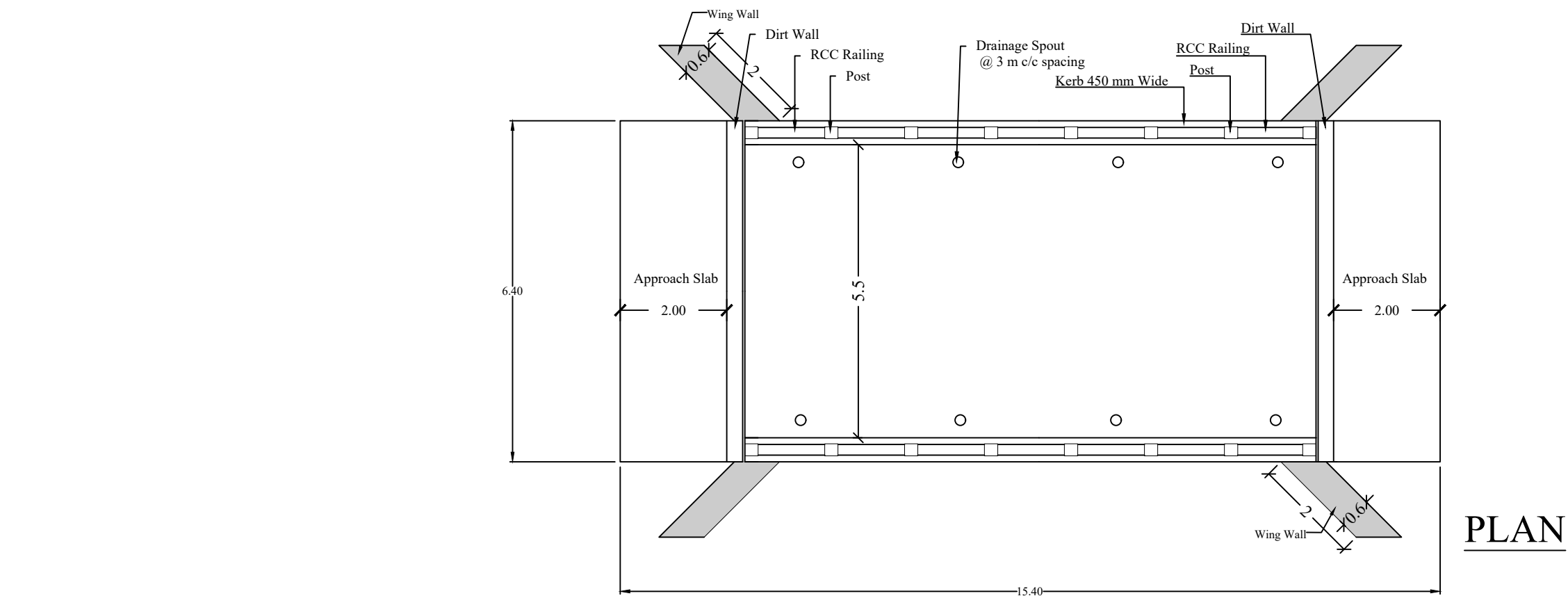
-0.083

-0.118

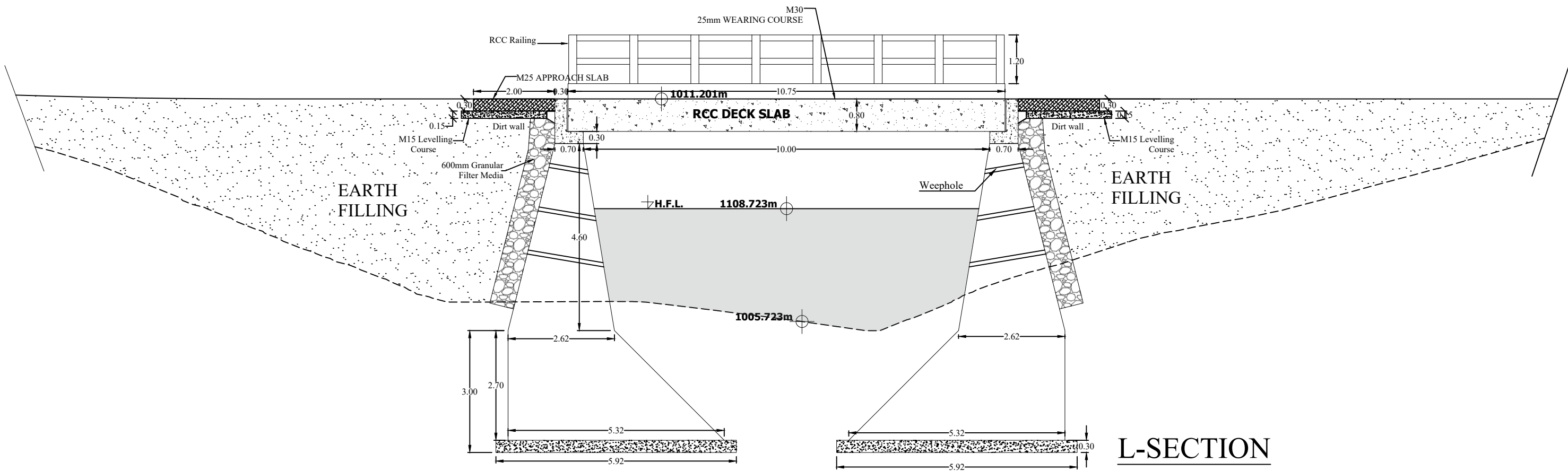
0.000



	GOVERNMENT OF MEGHALAYA	PROJECT NAME:	CONSTRUCTION OF APPROACH ROAD TO MANDALGRE (LENGTH = 3.550 KM)
			
	TOURISM DEPARTMENT, MEGHALAYA		
		DRAWING TITLE : <u>TYPICAL SECTION OF ROAD</u>	



PLAN



L-SECTION

	GOVERNMENT OF MEGHALAYA  TOURISM DEPARTMENT, MEGHALAYA	PROJECT NAME:	CONSTRUCTION OF APPROACH ROAD TO MANDALGRE (LENGTH = 3.550 KM)	
			DRAWING TITLE : <u>BRIDGE AT Ch. 2+800Km</u>	

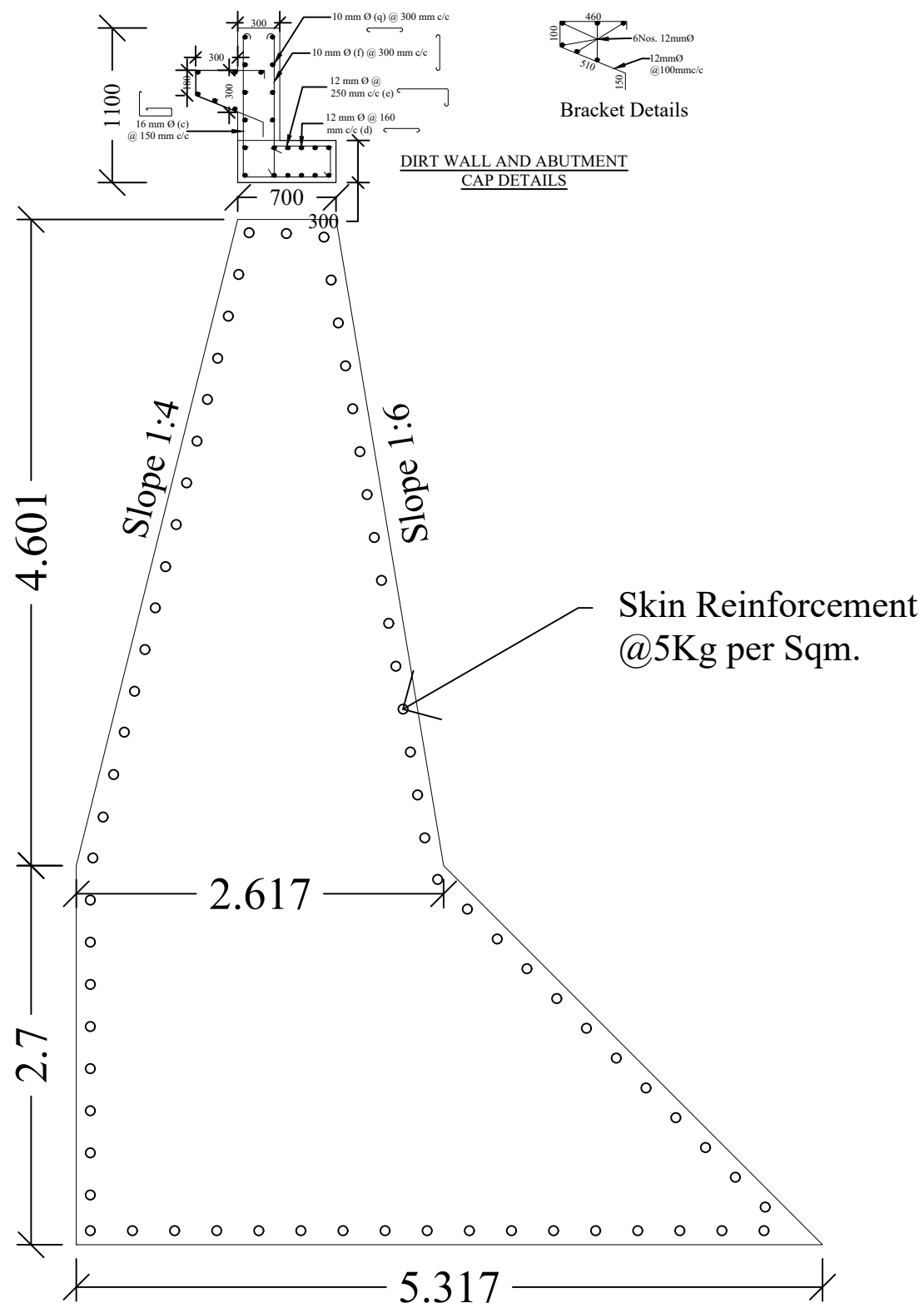


Fig Showing sectional details of Abutment, Abutment Cap, Dirt Wall With Bracket

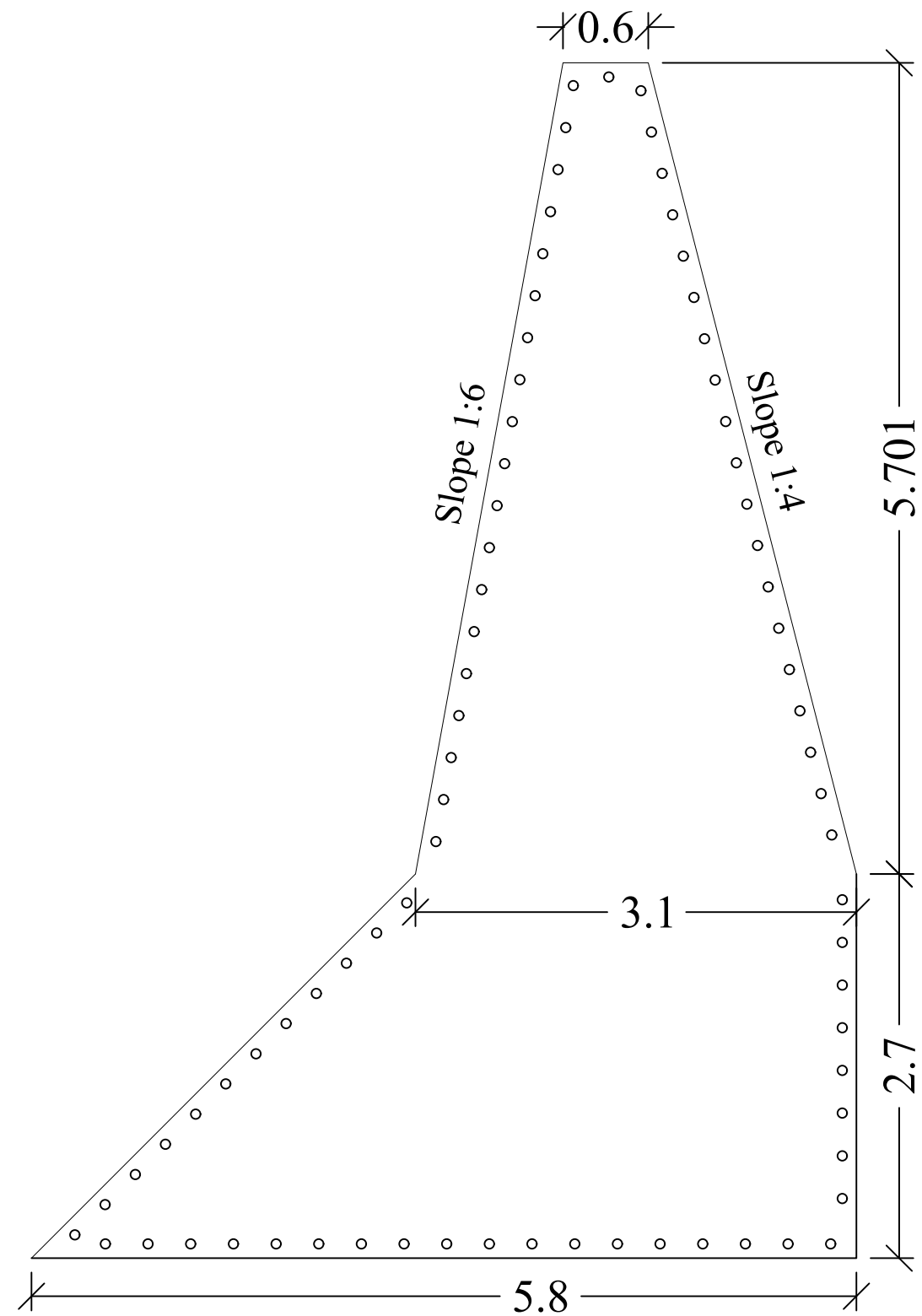


Fig Showing sectional details of Wingwall

	GOVERNMENT OF MEGHALAYA	PROJECT NAME:	CONSTRUCTION OF APPROACH ROAD TO MANDALGRE (LENGTH = 3.550 KM)	
				
	TOURISM DEPARTMENT, MEGHALAYA			
		DRAWING TITLE :	BRIDGE AT Ch. 2+800Km	

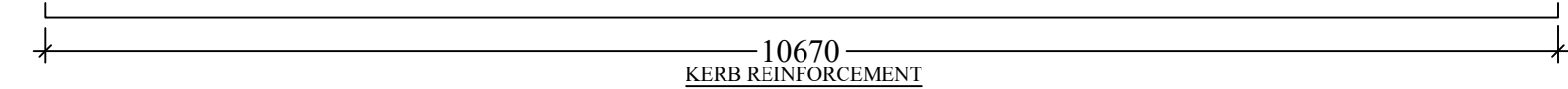
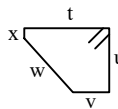
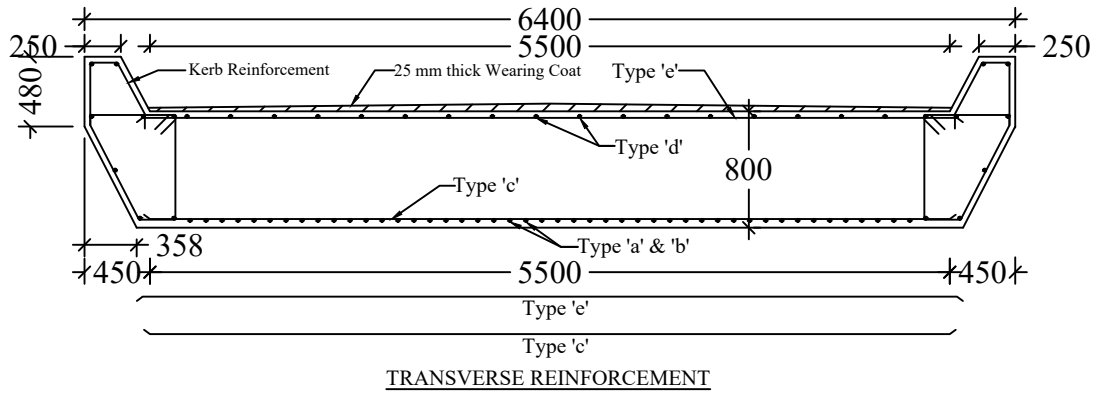
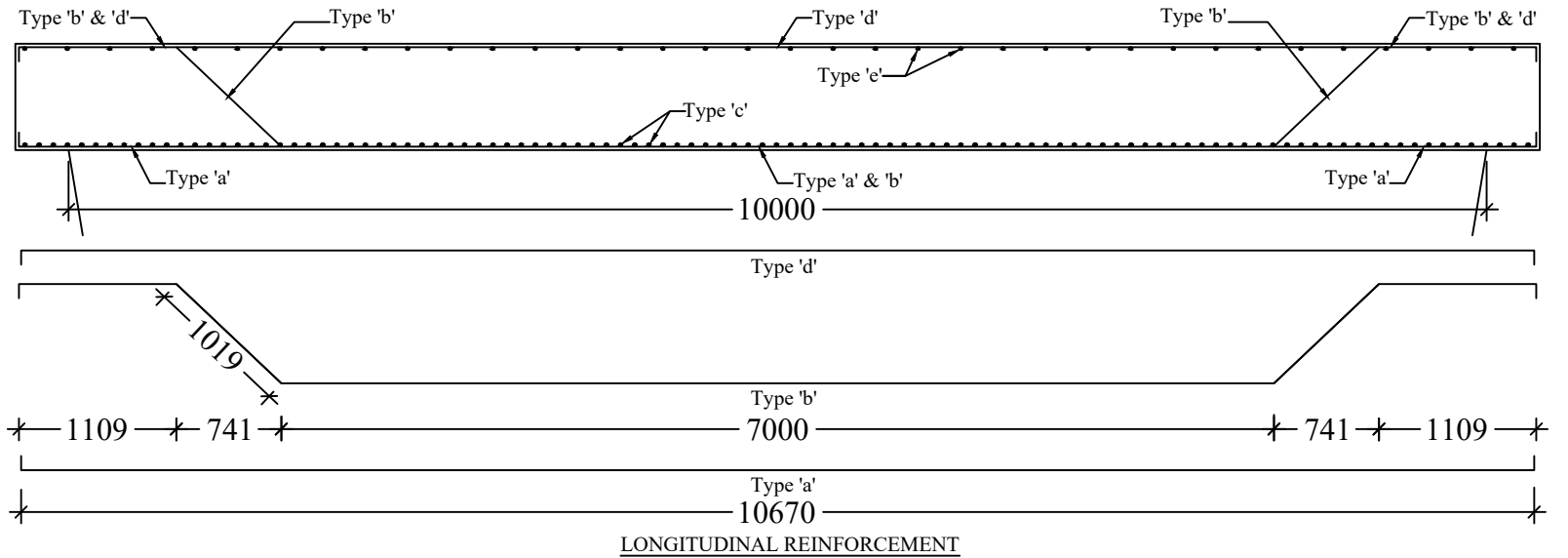
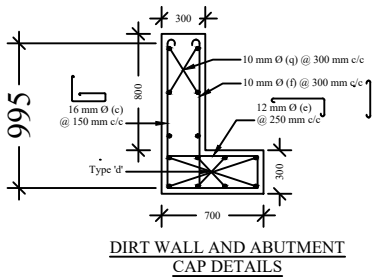
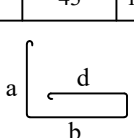
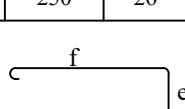
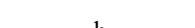
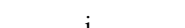


TABLE AS PER PLATE NO. - 7.08 (SP- 20)

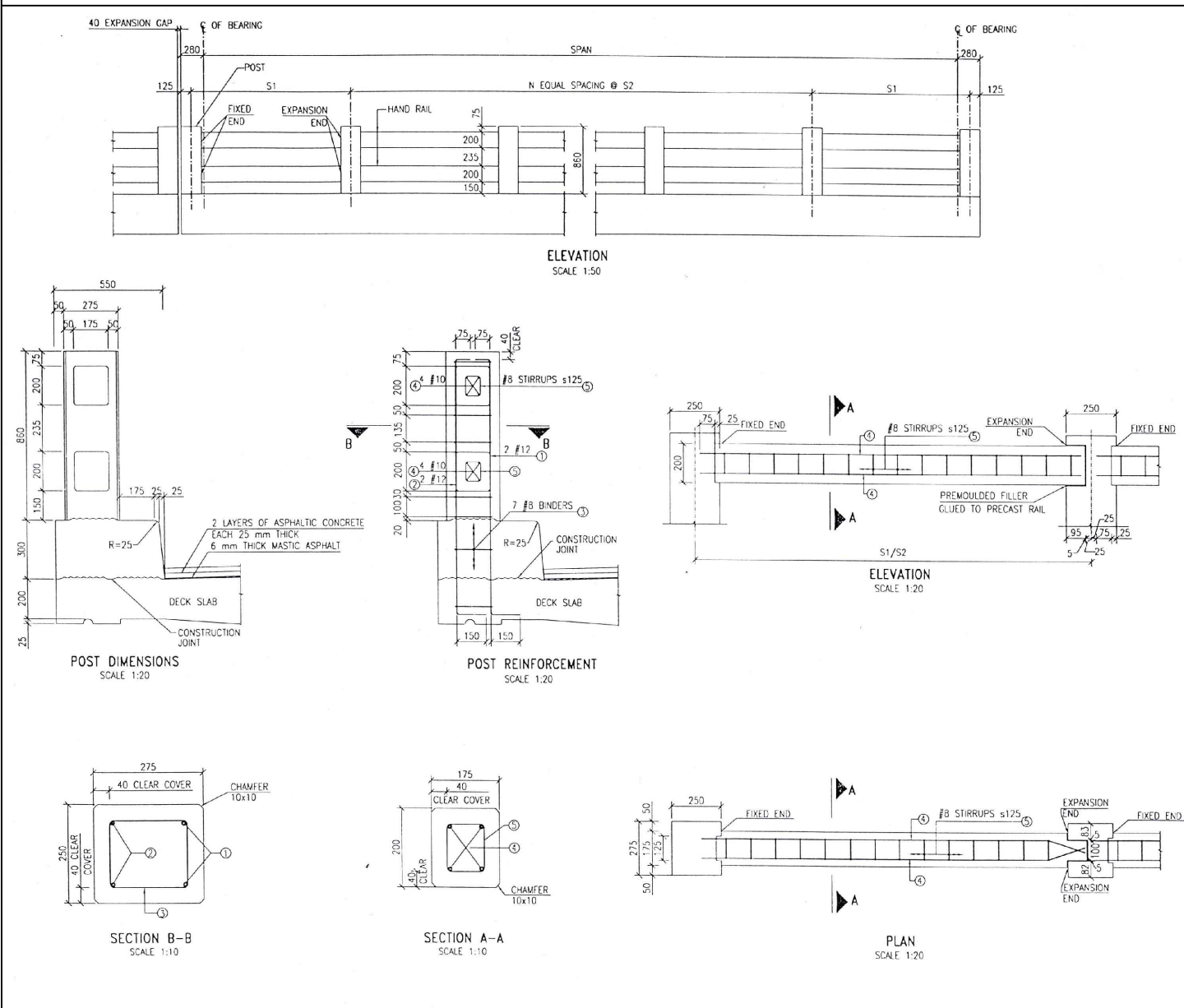
MAIN SLAB																							
Clear Span (m)	Overall Depth (mm)	LONGITUDINAL														TRANSVERSE							
		Type 'a'				Type 'b'						Type 'd'				Type 'c'				Type 'e'			
		Dia	Spacing	Nos of bars	l	Dia	Spacing	Nos of bars	m	n	p	Dia	Spacing	Nos of bars	r	Dia	Spacing	Nos of bars	q	Dia	Spacing	Nos of bars	s
10	800	25	200	29	10670	25	200	28	1115	1019	7000	10	300	20	10670	12	100	108	5500	10	300	37	5600
																							

KERBS													
LONGITUDINAL								TRANSVERSE					
Type 'f'								Type 'g'					
Dia	Spacing	Nos of bars	t	u	v	w	x	Dia	Spacing	Nos of bars	y		
10	300	74	585	720	250	732	70	16		14	10670		



REINFORCEMENT DETAILS ABUTMENT CAP (SOLID SLAB)																										
Width (mm)	LONGITUDINAL (H.Y.S.D)														TRANSVERSE (H.Y.S.D)											
	Type-'c'							Type-'e'					Type-'f'				Type-'d'				Type-'q'					
	Dia	Spacing	Nos of bars	a	b	c	d	Dia	Spacing	Nos of bars	e	f	Dia	Spacing	Nos of bars	g	Dia mm	Spacing	Nos of bars	h	Dia mm	Spacing	Nos of bars	i		
	700	16	150	43	1333	620	220	424	12	250	26	504	270	10	300	22	1653	12	150	8	6400	10	300	4	6400	
																										

	GOVERNMENT OF MEGHALAYA  TOURISM DEDEPARTMENT, MEGHALAYA	PROJECT NAME:	CONSTRUCTION OF APPROACH ROAD TO MANDALGRE (LENGTH = 3.550 KM)	
			DRAWING TITLE : <u>BRIDGE AT Ch. 2+800Km</u>	



Sl. No.	BAR MARK	BAR SHAPE (NOT TO SCALE) (DIMENSIONS ARE IN mm)	BAR DIA (mm)	LENGTH OF EACH BAR (mm)	NO. OF BARS	TOTAL LENGTH (m)	TOTAL WEIGHT (kg)	TOTAL WEIGHT PER POST/RAIL (kg)	S. No.	BAR MARK	BAR SHAPE (NOT TO SCALE) (DIMENSIONS ARE IN mm)	BAR DIA (mm)	LENGTH OF EACH BAR (mm)	NO. OF BARS	TOTAL LENGTH (m)	TOTAL WEIGHT (kg)	TOTAL WEIGHT PER POST/RAIL (kg)																																																												
1.	①		12	1423	2	2.85	2.5		11.	HAND RAIL (15m SPAN)	⑤		8	526	13	6.84	2.7	7.1																																																											
2.	②		12	1423	2	2.85	2.5		12.	HAND RAIL (12m SPAN)	④		10	1928*	4	7.71	4.75																																																												
3.	③		8	826	7	5.78	2.3	7.3	13.	HAND RAIL (12m SPAN)	⑤		8	526	14	7.36	2.9	7.7																																																											
4.	④		10	1848*	4	7.39	4.6		<table><tr><th>SPAN (m)</th><th colspan="2">POST SPACING S1 (mm) S2 (mm)</th><th>NO. OF POSTS</th><th>NO. OF RAILS</th><th>REINFORCEMENT WT./POST (kg)</th><th>TOTAL WT. OF ALL POSTS (kg)</th><th>REINFORCEMENT WT./RAIL (kg)</th><th>TOTAL WT. OF ALL RAILS (kg)</th><th>TOTAL WT. (kg)</th></tr><tr><td>25</td><td>1940</td><td>1920</td><td>28</td><td>52</td><td>7.3</td><td>204.4</td><td>7.5</td><td>390.0</td><td>595</td></tr><tr><td>21</td><td>1905</td><td>1910</td><td>24</td><td>44</td><td>7.3</td><td>175.2</td><td>7.4</td><td>325.6</td><td>501</td></tr><tr><td>18</td><td>2000</td><td>2000</td><td>20</td><td>36</td><td>7.3</td><td>146.0</td><td>7.7</td><td>277.2</td><td>424</td></tr><tr><td>15</td><td>1875</td><td>1875</td><td>18</td><td>32</td><td>7.3</td><td>131.4</td><td>7.1</td><td>227.2</td><td>359</td></tr><tr><td>12</td><td>2000</td><td>2000</td><td>14</td><td>24</td><td>7.3</td><td>102.2</td><td>7.7</td><td>184.8</td><td>287</td></tr></table>									SPAN (m)	POST SPACING S1 (mm) S2 (mm)		NO. OF POSTS	NO. OF RAILS	REINFORCEMENT WT./POST (kg)	TOTAL WT. OF ALL POSTS (kg)	REINFORCEMENT WT./RAIL (kg)	TOTAL WT. OF ALL RAILS (kg)	TOTAL WT. (kg)	25	1940	1920	28	52	7.3	204.4	7.5	390.0	595	21	1905	1910	24	44	7.3	175.2	7.4	325.6	501	18	2000	2000	20	36	7.3	146.0	7.7	277.2	424	15	1875	1875	18	32	7.3	131.4	7.1	227.2	359	12	2000	2000	14	24	7.3	102.2	7.7	184.8	287
SPAN (m)	POST SPACING S1 (mm) S2 (mm)		NO. OF POSTS	NO. OF RAILS	REINFORCEMENT WT./POST (kg)	TOTAL WT. OF ALL POSTS (kg)	REINFORCEMENT WT./RAIL (kg)	TOTAL WT. OF ALL RAILS (kg)	TOTAL WT. (kg)																																																																				
25	1940	1920	28	52	7.3	204.4	7.5	390.0	595																																																																				
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18	2000	2000	20	36	7.3	146.0	7.7	277.2	424																																																																				
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12	2000	2000	14	24	7.3	102.2	7.7	184.8	287																																																																				
5.	⑤		8	526	14	7.36	2.9	7.5																																																																					
6.	④		10	1838*	4	7.35	4.5																																																																						
7.	⑤		8	526	14	7.36	2.9	7.4																																																																					
8.	④		10	1928*	4	7.71	4.75																																																																						
9.	⑤		8	526	14	7.36	2.9	7.7																																																																					
10.	④		10	1803*	4	7.21	4.45																																																																						

** INCLUDES 5% EXTRA FOR LAPS AND WASTAGE

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GOVERNMENT OF MEGHALAYA



TOURISM DEPARTMENT, MEGHALAYA

PROJECT NAME:

CONSTRUCTION OF APPROACH ROAD TO MANDALGRE (LENGTH = 3.550 KM)

DRAWING TITLE : BRIDGE AT Ch. 2+800Km