

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SPOKOOLAHIM  BEAM - CEMECA - Jy SARPAJAHIM PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNRI ROAD MANANGPUR, NEPAL		CONSULTANT:		PROJECT:		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME	DESIGNATION	SIGNATURE	DATE	SCALE	Cross-Section	DATE: November, 2017 DRWG NO.: 3 SHEET No.: 1
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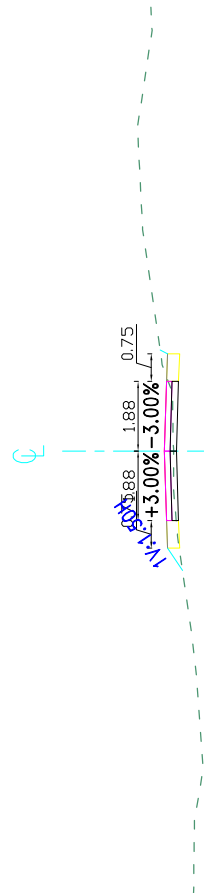
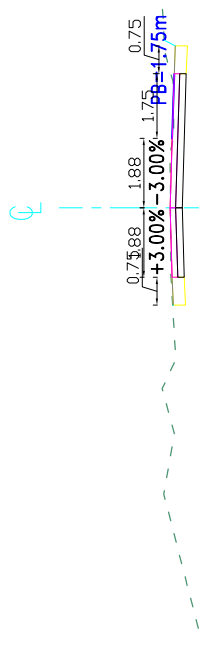
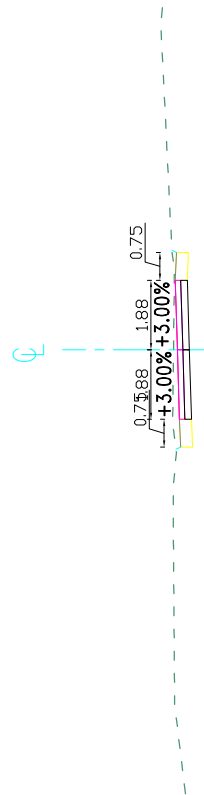
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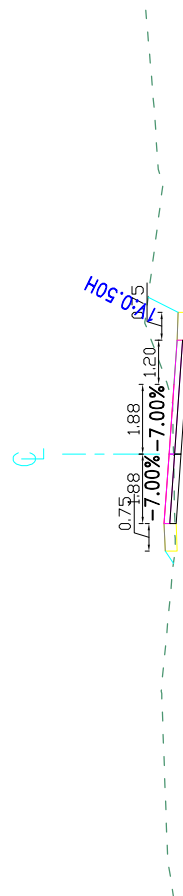
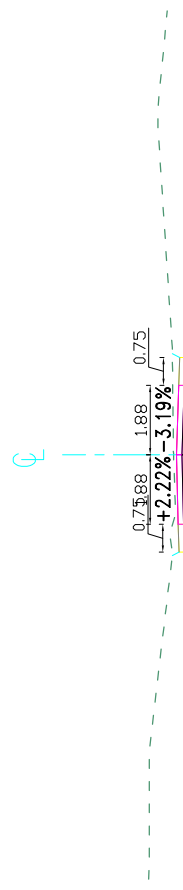
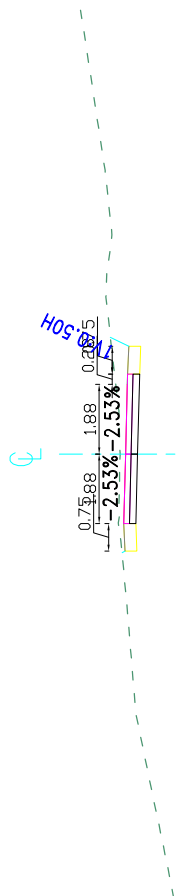
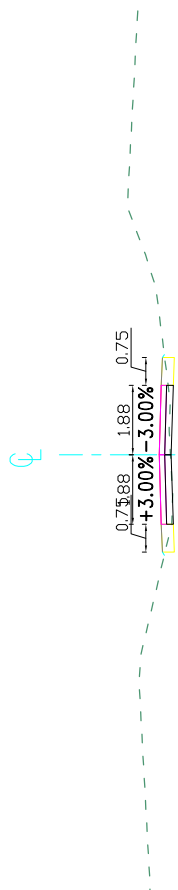
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT		CONSULTANT: BEAM - CEMECA - Jy SARDJAJITHIR		PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNERI ROAD MANANGPUL, NEPAL			<table><tr><td></td><td>NAME</td><td>DESIGNATION</td><td>SIGNATURE</td><td>DATE</td></tr><tr><td>DESIGNED BY :</td><td></td><td></td><td></td><td></td></tr><tr><td>CHECKED BY :</td><td></td><td></td><td></td><td></td></tr><tr><td>RECOMMENDED BY :</td><td></td><td></td><td></td><td></td></tr><tr><td>APPROVED BY :</td><td></td><td></td><td></td><td></td></tr></table>					NAME	DESIGNATION	SIGNATURE	DATE	DESIGNED BY :					CHECKED BY :					RECOMMENDED BY :					APPROVED BY :					SCALE 1:200		Cross-Section CH 0+160.00-0+220.00		DATE: November, 2017 DRWG NO.:	
	NAME	DESIGNATION	SIGNATURE	DATE																																					
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RECOMMENDED BY :																																									
APPROVED BY :																																									

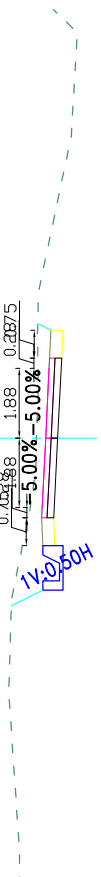
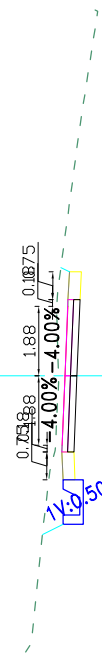
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LEGENDS : CENTER LEVEL GROUND LEVEL DESIGN LEVEL SIDE DRAIN GABION WALL MASONRY WALL		GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN MTR. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.	
		Cross-Section	
		CH 0+320.00-0+380.00	
		DATE: November, 2017	
		DRWG NO.: 3	
		SHEET No.: 5	
		SCALE	
		1:200	
		DESIGNATION	
		SIGNATURE	
		DATE	
		DESIGNED BY :	
		CHECKED BY :	
		RECOMMENDED BY :	
		APPROVED BY :	
		PROJECT:	
		DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNARI ROAD MANANGAPUR, NEPAL	
		CONSULTANT:	
		BEAM - CEMECA - Jy SANJIV KUMAR	
		GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU	
		CH 0+340.00 GL 1097.705 m DL 1097.770m	
		CH 0+360.00 GL 1099.303 m DL 1099.203m	
		CH 0+380.00 GL 1100.780 m DL 1100.635m	
		Cut - 1.985m2 Fill - 0.000m2 Shoulder Fill - 0.488m2 Base - 0.584m2 Sub Base - 0.681m2	
		Cut - 3.098m2 Fill - 0.000m2 Shoulder Fill - 0.488m2 Base - 0.623m2 Sub Base - 0.726m2	
		Cut - 3.388m2 Fill - 0.000m2 Shoulder Fill - 0.488m2 Base - 0.804m2 Sub Base - 0.938m2	
		Cut - 1.945m2 Fill - 0.050m2 Shoulder Fill - 0.487m2 Base - 0.564m2 Sub Base - 0.658m2	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT RESPONSIBLE UNIT		 BEAM - CEMECA - Jy SARWALATHI		PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCURSE BEE STUDY AND GSI PLAN OF BHIMPHEDI - BOGATE - IPA DURALI - SONERI ROAD MANANGPUR, NEPAL				CONSULTANT:  BEAM - CEMECA - Jy SARWALATHI				DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :				NAME		DESIGNATION		SIGNATURE		DATE		SCALE 1:200		Cross-Section CH 0+400.00-0+460.00		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 6	
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT RESPONSIBLE UNIT		 BEAM - CEMECA - Jy SARWALATHI		PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCURSE BEE STUDY AND GSI PLAN OF BHIMPHEDI - BOGATE - IPA DURALI - SONERI ROAD MANANGPUR, NEPAL				CONSULTANT:  BEAM - CEMECA - Jy SARWALATHI				DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :				NAME		DESIGNATION		SIGNATURE		DATE		SCALE 1:200		Cross-Section CH 0+400.00-0+460.00		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 6	
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT RESPONSIBLE UNIT		 BEAM - CEMECA - Jy SARWALATHI		PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCURSE BEE STUDY AND GSI PLAN OF BHIMPHEDI - BOGATE - IPA DURALI - SONERI ROAD MANANGPUR, NEPAL				CONSULTANT:  BEAM - CEMECA - Jy SARWALATHI				DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :				NAME		DESIGNATION		SIGNATURE		DATE		SCALE 1:200		Cross-Section CH 0+400.00-0+460.00		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 6	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SUDHODOLAHIMAR  BEAM - CEMCA - Jy SUDHODOLAHIMAR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNERI ROAD MADHAWAPUR, NEPAL		CONSULTANT: DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME DESIGNATION SIGNATURE DATE		SCALE 1:200		Cross-Section CH 0+560.00-0+620.00		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 8	
CH 0+580.00 GL 1116.714 m DL 1116.959m  Cut - 0.778m2 Fill - 0.093m2 Shoulder Fill - 0.488m2 Base - 0.564m2 Sub Base - 0.658m2		CH 0+600.00 GL 1118.684 m DL 1118.693m  Cut - 2.560m2 Fill - 0.000m2 Shoulder Fill - 0.488m2 Base - 0.827m2 Sub Base - 0.965m2		CH 0+620.00 GL 1120.183 m DL 1120.080m  Cut - 2.275m2 Fill - 0.000m2 Shoulder Fill - 0.488m2 Base - 0.564m2 Sub Base - 0.658m2							

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - Jy SARPAJALPITHE CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNERI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE		SCALE 1:200		Cross-Section CH 0+640.00-0+700.00		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 9	
CH 0+660.00 GL 1122.592 m DL 1122.713m  Cut - 2.758m2 Fill - 0.038m2 Shoulder Fill - 0.488m2 Base - 0.744m2 Sub Base - 0.868m2 CH 0+700.00 GL 1125.431 m DL 1125.350m  Cut - 2.433m2 Fill - 0.000m2 Shoulder Fill - 0.488m2 Base - 0.564m2 Sub Base - 0.658m2 CH 0+640.00 GL 1120.183 m DL 1121.396m  Cut - 2.980m2 Fill - 0.000m2 Shoulder Fill - 0.488m2 Base - 0.606m2 Sub Base - 0.707m2 CH 0+680.00 GL 1123.723 m DL 1124.029m  Cut - 0.420m2 Fill - 0.020m2 Shoulder Fill - 0.488m2 Base - 0.564m2 Sub Base - 0.658m2																	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - Jy SARDJALATHAR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE PRE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNARI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME	DESIGNATION	SIGNATURE	DATE	SCALE	Cross-Section	DATE: November, 2017 DRWG NO.: 3 SHEET No.: 10
CH 0+740.00 GL 1128.133 m DL 1128.237 m  Cut - 1.868m2 Fill - 0.000m2 Shoulder Fill - 0.488m2 Base - 0.564m2 Sub Base - 0.658m2		CH 0+720.00 GL 1127.041 m DL 1126.793m  Cut - 4.568m2 Fill - 0.000m2 Shoulder Fill - 0.488m2 Base - 0.648m2 Sub Base - 0.756m2		CH 0+780.00 GL 1131.292 m DL 1131.117m  Cut - 3.735m2 Fill - 0.000m2 Shoulder Fill - 0.487m2 Base - 0.618m2 Sub Base - 0.721m2		CH 0+760.00 GL 1129.711 m DL 1129.680m  Cut - 2.038m2 Fill - 0.000m2 Shoulder Fill - 0.488m2 Base - 0.564m2 Sub Base - 0.658m2		1:200		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 10		

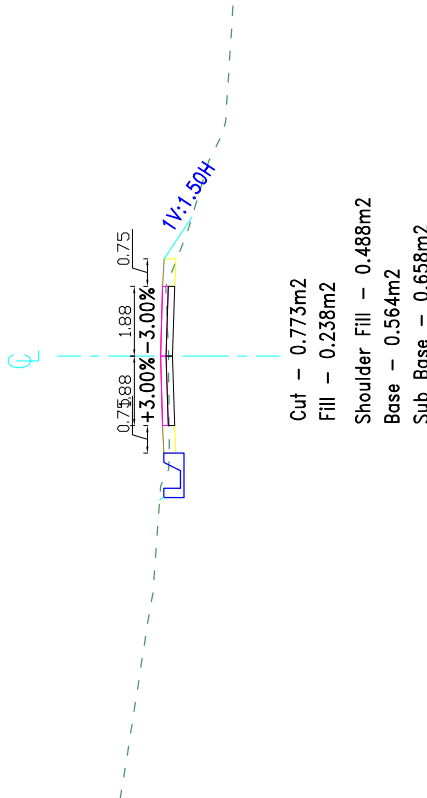
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - Jy SARDAJA/ATP/18 PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNERI ROAD MADANPURI, NEPAL	CONSULTANT:		PROJECT:		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME	DESIGNATION	SIGNATURE	DATE	SCALE	Cross-Section	DATE: November, 2017 DRWG NO.: 3 SHEET No.: 11	
														CH 0+800.00-0+860.00

LEGENDS :		GENERAL NOTES :	
CENTER LEVEL	CABION WALL	1. ALL THE DIMENSIONS ARE IN Mtr.	
GROUND LEVEL	MASONRY WALL	UNLESS OTHERWISE MENTIONED.	
DESIGN LEVEL		2. DO NOT SCALE THE DRAWING.	
SIDE DRAIN			

CH 0+820.00

GL 1133.019 m

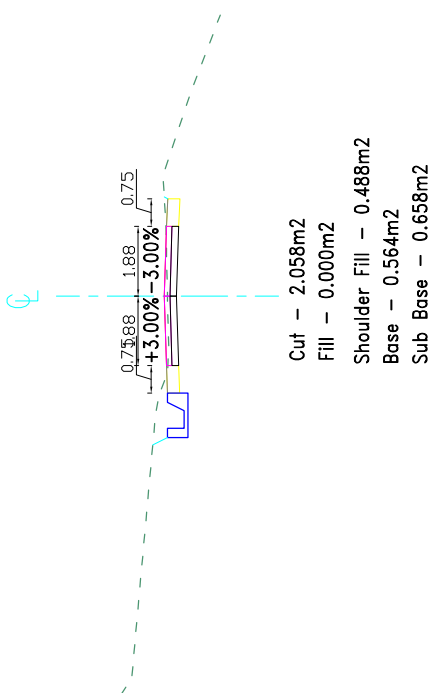
DL 1133.233m



CH 0+840.00

GL 1132.174 m

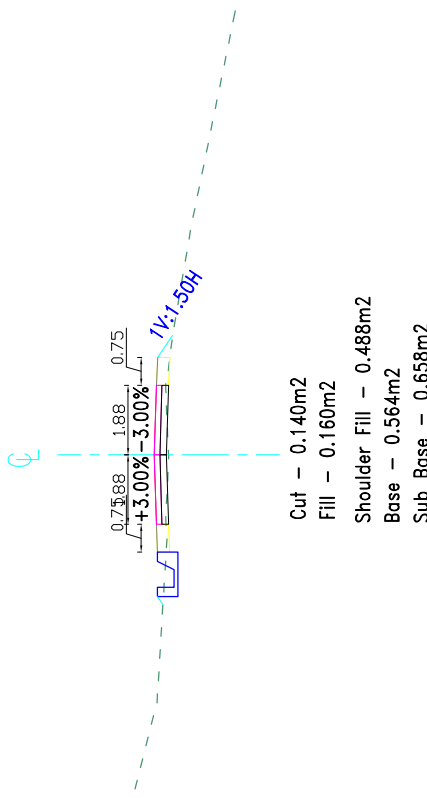
DL 1132.256m



CH 0+860.00

GL 1134.805 m

DL 1135.187m



Cut - 0.773m2

Fill - 0.238m2

Shoulder Fill - 0.488m2

Base - 0.564m2

Sub Base - 0.658m2

Cut - 1.648m2

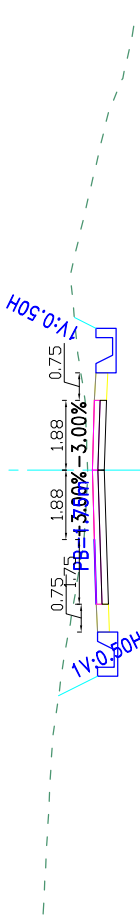
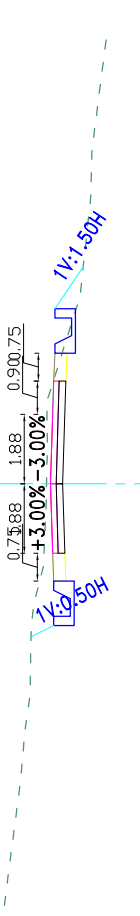
Fill - 0.030m2

Shoulder Fill - 0.488m2

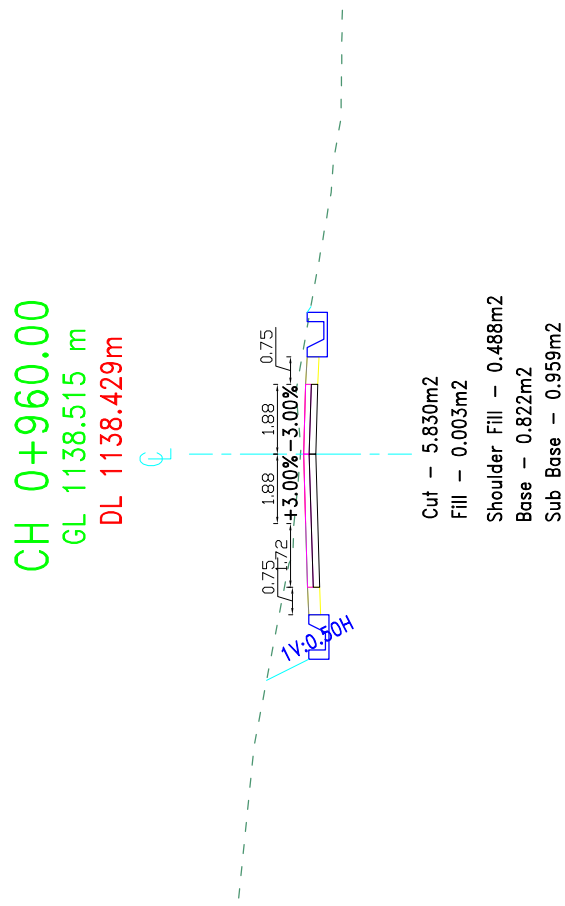
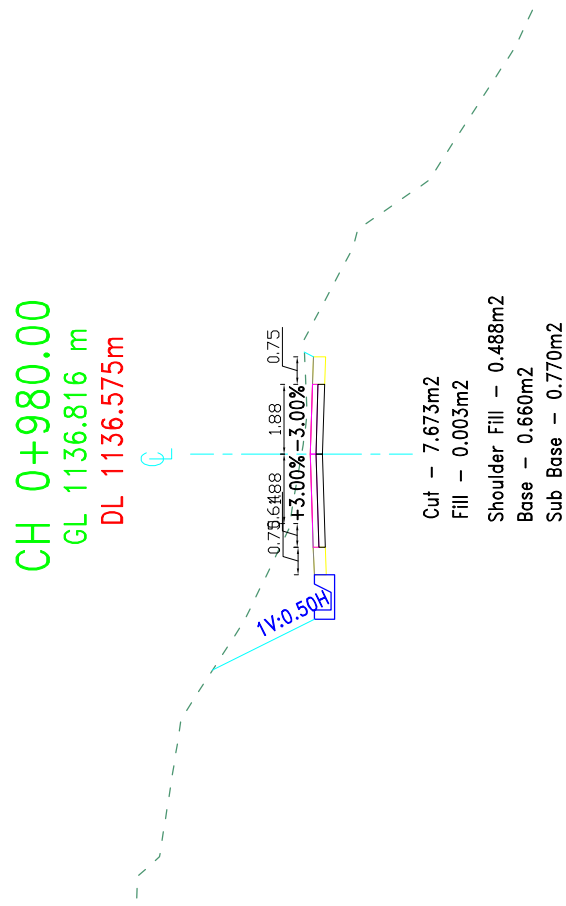
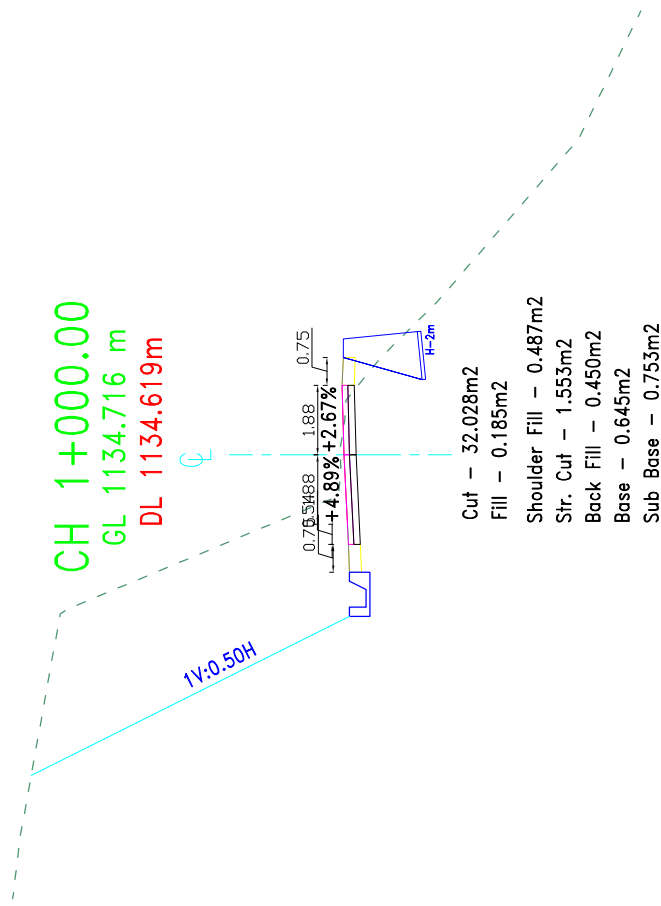
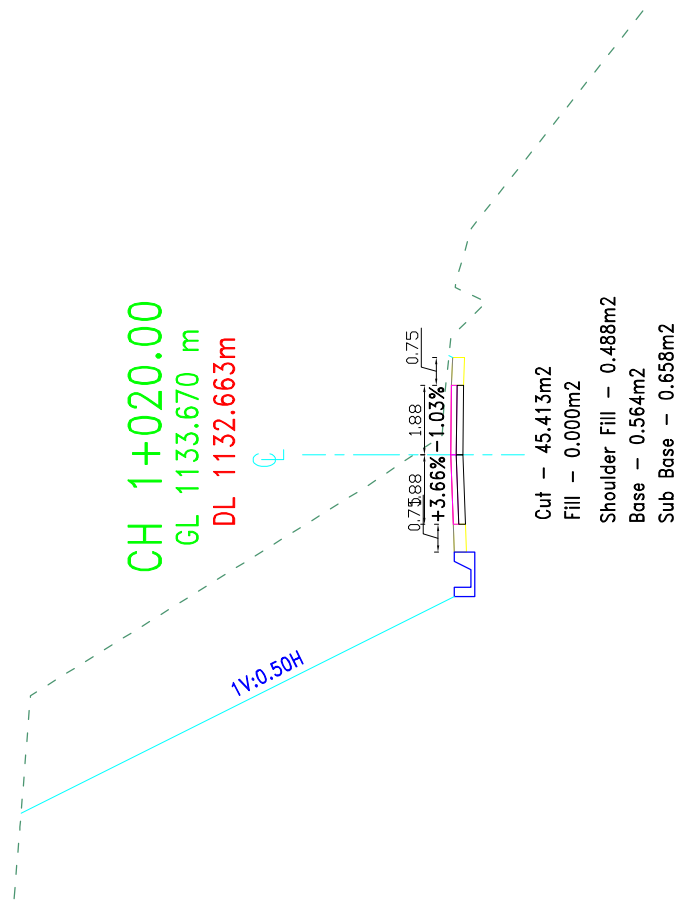
Base - 0.564m2

Sub Base - 0.658m2

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT CONSULTANT:  BEAM - CEMECA - Jy SARDESHAIKHA PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE BEE STUDY AND GSI PLAN OF BHIMPEDI - BOGATE - IPA DURALI - SONERI ROAD MANANGPUL, NEPAL	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section	DATE: November, 2017

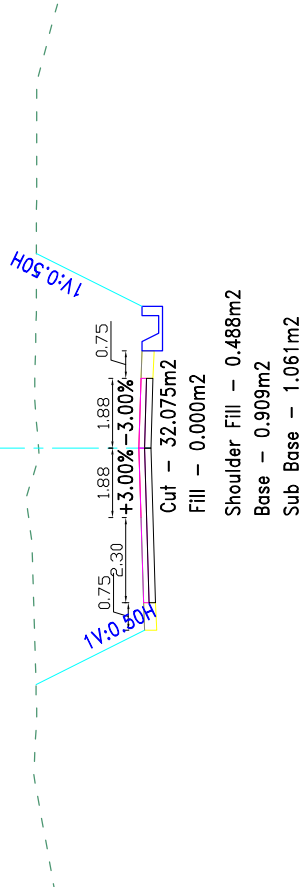
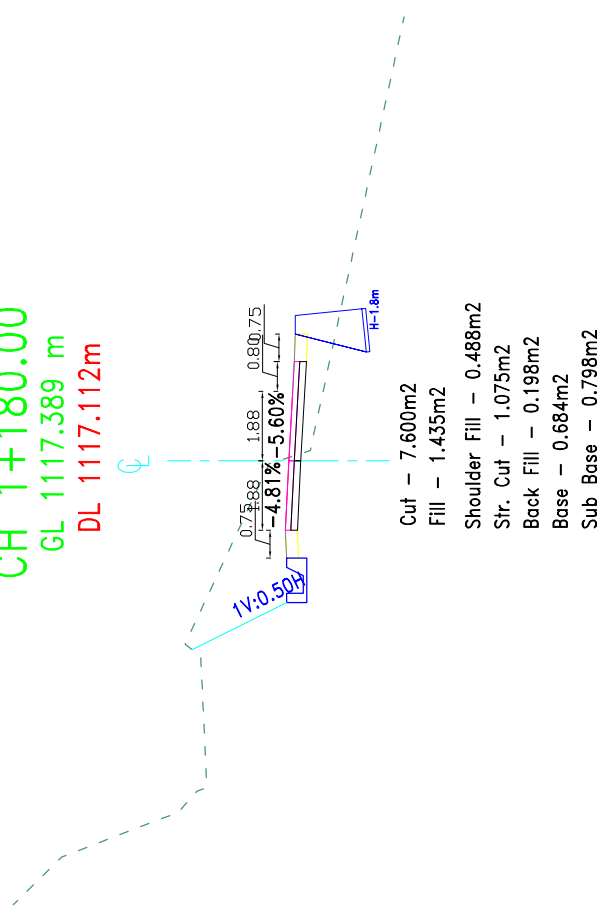
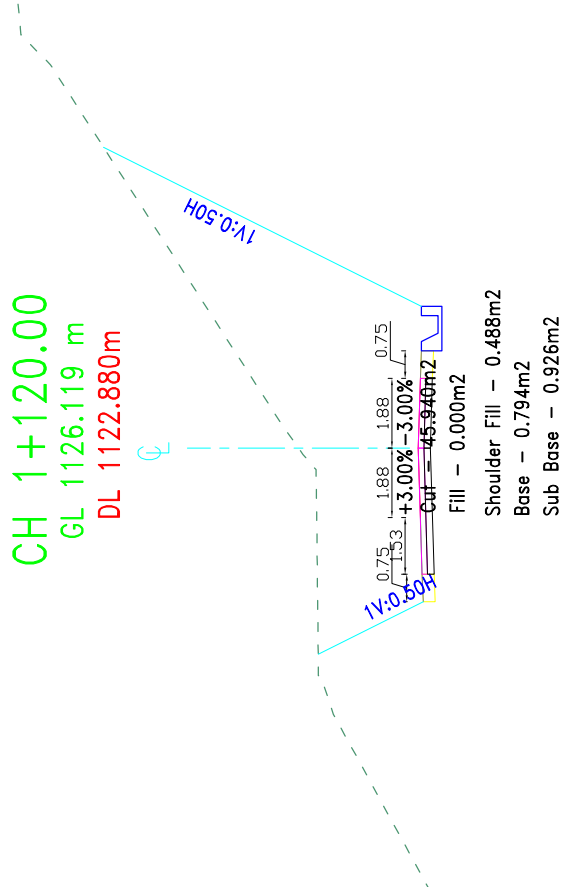
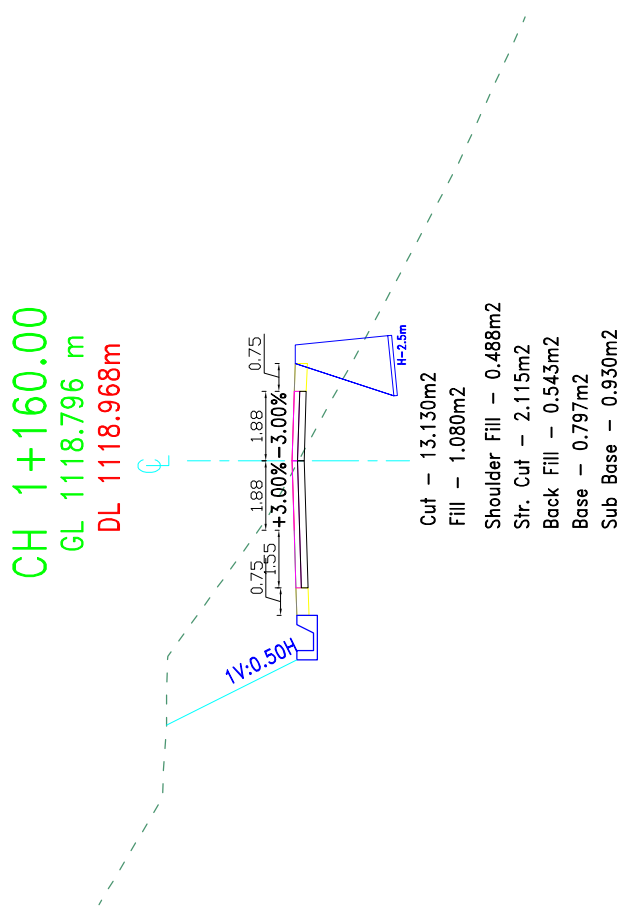
CH 0+900.00 GL 1137.271 m DL 1137.140m  Cut – 6.510m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.827m2 Sub Base – 0.965m2 CH 0+920.00 GL 1138.466 m DL 1138.163m  Cut – 1.035m2 Fill – 0.163m2 Shoulder Fill – 0.488m2 Base – 0.564m2 Sub Base – 0.658m2	CH 0+940.00 GL 1139.071 m DL 1138.960m  Cut – 3.545m2 Fill – 0.353m2 Shoulder Fill – 0.488m2 Base – 0.699m2 Sub Base – 0.816m2
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LEGENDS : CENTER LEVEL GROUND LEVEL DESIGN LEVEL SIDE DRAIN GABION WALL MASONRY WALL	GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN METERS, UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.
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 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SUSPENSE/CLAUSTRUM	CONSULTANT:  BEAM - CEMICA - Jy SARNECHALATHAR	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE EEE STUDY AND GSI PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SINNERI ROAD MANANGHUR, NEPAL							SCALE 1:200	Cross-Section	DATE: November, 2017
			DESIGNED BY :								DRWG NO.: 3
			CHECKED BY :								CH 0+960.00-1+020.00
			RECOMMENDED BY :								
			APPROVED BY :								SHEET No. : 13

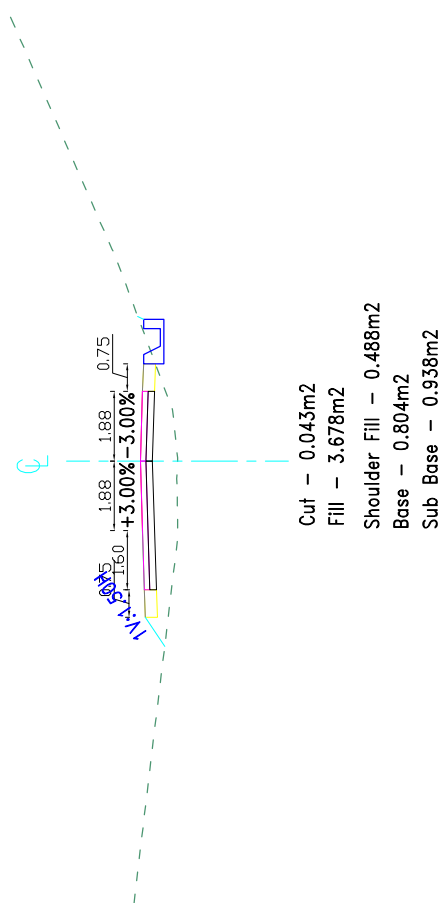
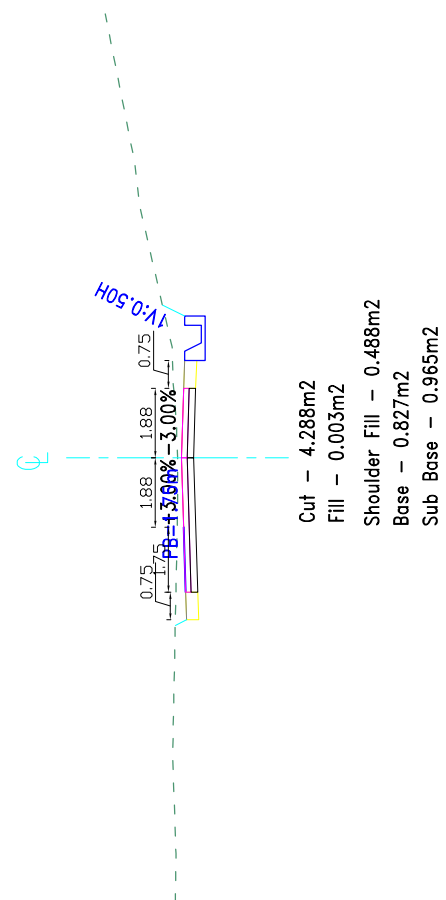
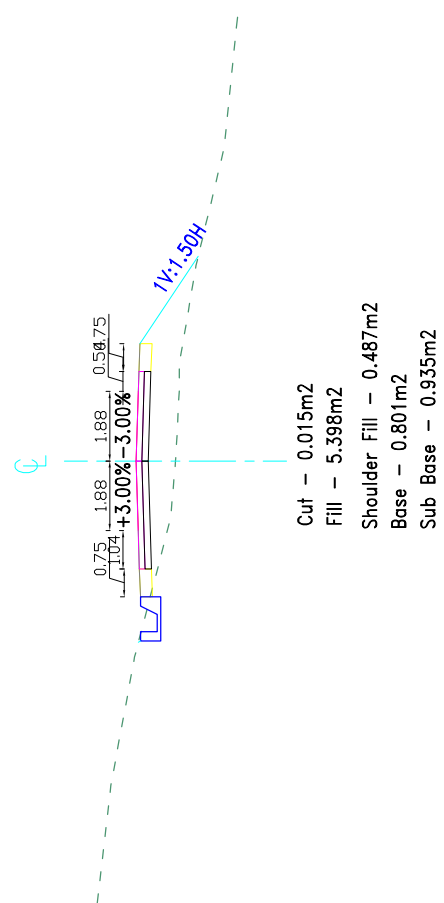
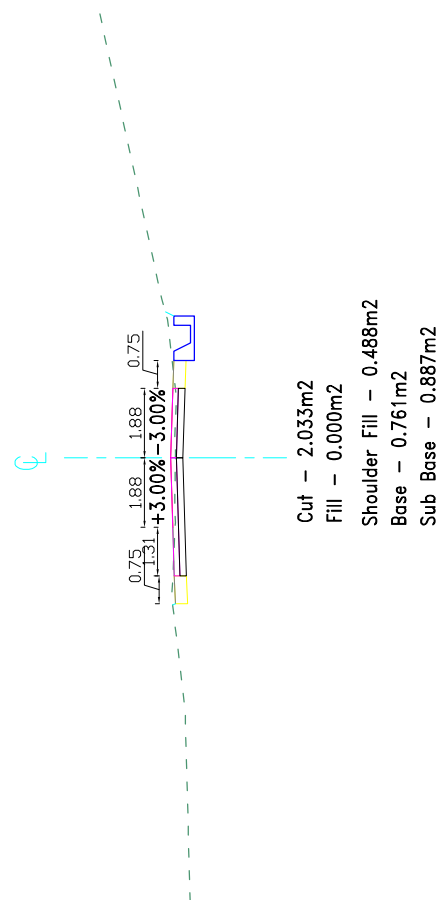
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 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU  BEAM - CEMCA - JV SARAJAHATHE PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBRALI - SUNNARI ROAD KATHMANDU, NEPAL		CONSULTANT: DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME DESIGNATION SIGNATURE DATE		SCALE 1:200		Cross-Section CH 1+120.00-1+180.00		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 15
CH 1+140.00 GL 1123.638 m DL 1120.924m  CH 1+180.00 GL 1117.389 m DL 1117.112m 		CH 1+120.00 GL 1126.119 m DL 1122.880m  CH 1+160.00 GL 1118.796 m DL 1118.968m 								

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SANGHVI PARTNER PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCERNING THE STUDY AND COST PLAN OF BHEMPHEDI - BOGATE - IPA DEDRAL - SUNNET ROAD MADHUPUR, NEPAL		CONSULTANT: DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME DESIGNATION SIGNATURE DATE		SCALE 1:200		Cross-Section CH 1+200.00-1+260.00		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 16
CH 1+220.00 GL 1112.243 m DL 1116.662m 1.88 +0.00% +0.00% Section at Bridge 1V:0.00H 1V:0.00H Cut - 0.000m2 Fill - 0.000m2 Shoulder Fill - 0.000m2 CH 1+260.00 GL 1114.168 m DL 1116.662m 1.88 +0.00% +0.00% Section at Bridge 1V:0.00H 1V:0.00H Cut - 0.000m2 Fill - 0.000m2 Shoulder Fill - 0.000m2 CH 1+200.00 GL 1113.847 m DL 1116.662m 0.75 1.88 1.75 -1.97% -1.97% Section at Bridge 1V:1.50H 1V:0.00H Cut - 0.003m2 Fill - 21.133m2 Shoulder Fill - 0.487m2 Sr. Cut - 2.348m2 Back Fill - 0.313m2 Base - 0.827m2 Sub Base - 0.965m2 CH 1+240.00 GL 1114.168 m DL 1116.662m 1.88 +0.00% +0.00% Section at Bridge 1V:0.00H 1V:0.00H Cut - 0.000m2 Fill - 0.000m2 Shoulder Fill - 0.000m2										

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 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT	CONSULTANT:  BEAM - CEMCA - Jy SARPAJALIMAR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNARI ROAD MANANGAPUR, NEPAL	<table><tr><th>NAME</th><th>DESIGNATION</th><th>SIGNATURE</th><th>DATE</th></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>	NAME	DESIGNATION	SIGNATURE	DATE																	SCALE 1:200	Cross-Section	DATE: November, 2017
			NAME	DESIGNATION	SIGNATURE	DATE																			
DRWG NO.: 3																									
					SHEET No.: 19																				

CH 1+460.00 GL 1129.073 m DL 1130.074m 		CH 1+500.00 GL 1133.147 m DL 1133.037m 
CH 1+440.00 GL 1127.531 m DL 1128.592m 	CH 1+480.00 GL 1131.429 m DL 1131.555m 	

LEGENDS :

CENTER LEVEL

GROUND LEVEL

DESIGN LEVEL

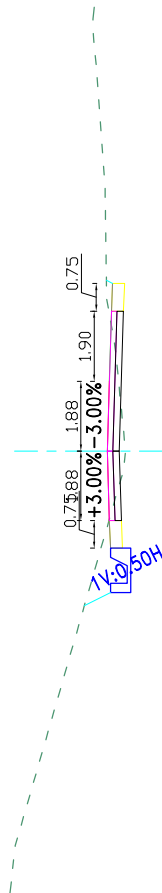
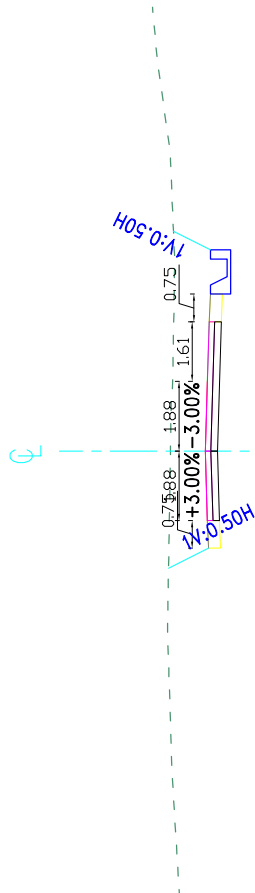
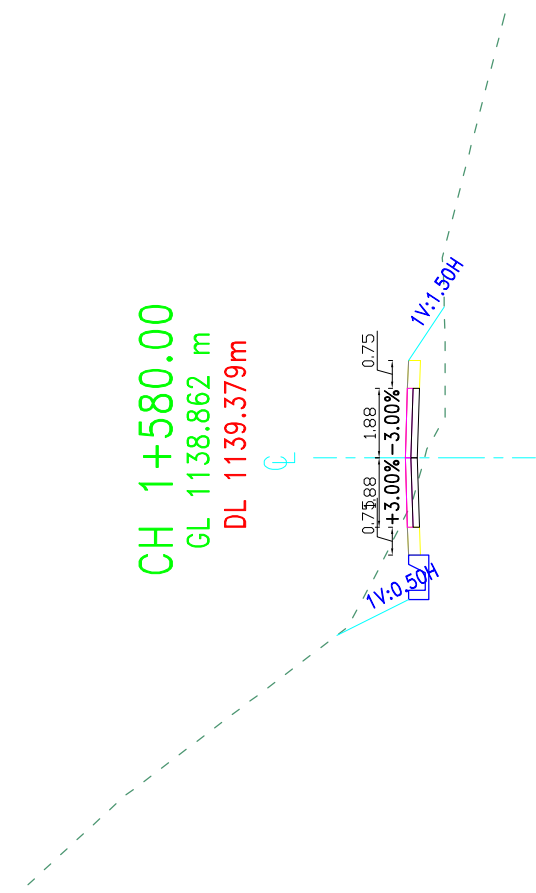
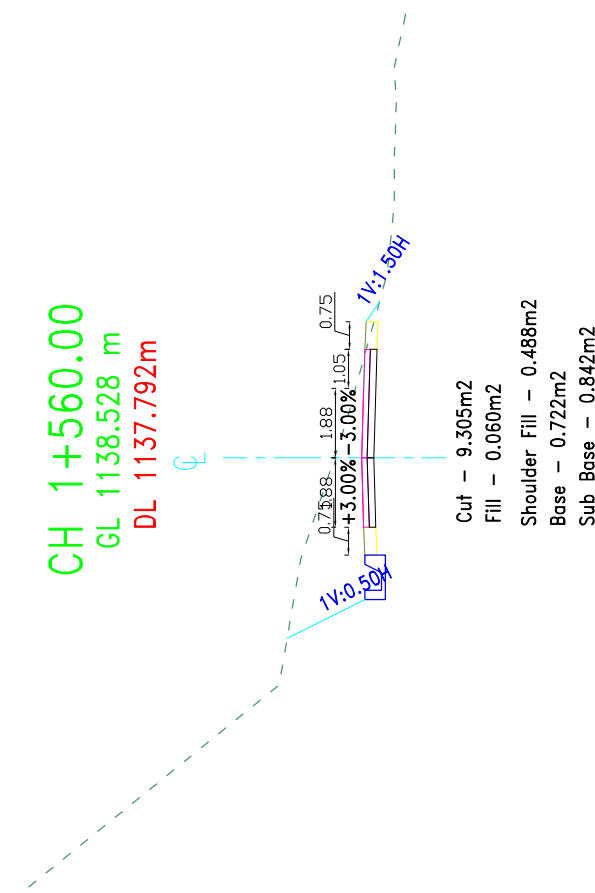
SIDE DRAIN

GABION WALL

MASONRY WALL

GENERAL NOTES :

1. ALL THE DIMENSIONS ARE IN Mtr.
UNLESS OTHERWISE MENTIONED.
2. DO NOT SCALE THE DRAWING.

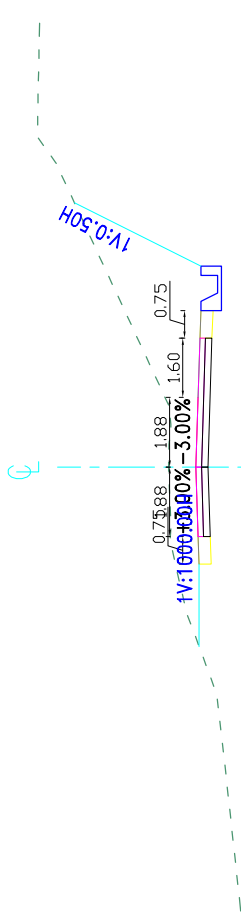
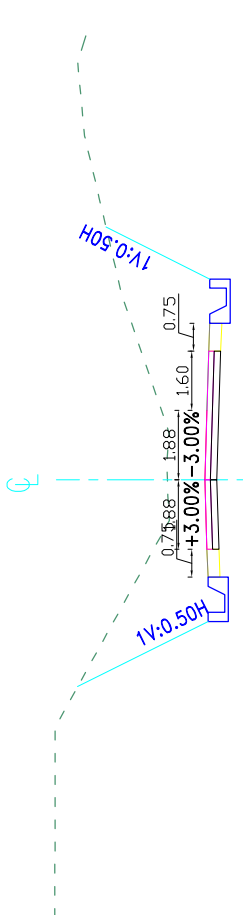
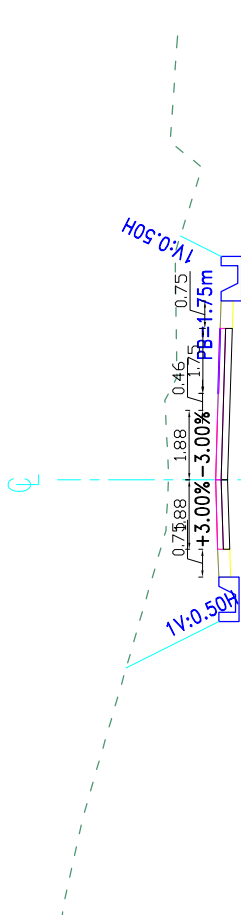
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARDJALIMAR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GDSI PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNERI ROAD MANANGPUR, NEPAL	CONSULTANT:		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 20																																								
	SCALE 1:200																																																						
	CH 1+540.00 GL 1135.712 m DL 1136.205m  Cut – 1.950m2 Fill – 0.180m2 Shoulder Fill – 0.488m2 Base – 0.849m2 Sub Base – 0.991m2														CH 1+520.00 GL 1135.562 m DL 1134.619m  Cut – 10.608m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.806m2 Sub Base – 0.940m2														CH 1+580.00 GL 1138.862 m DL 1139.379m  Cut – 2.493m2 Fill – 2.355m2 Shoulder Fill – 0.488m2 Base – 0.564m2 Sub Base – 0.658m2														CH 1+560.00 GL 1138.528 m DL 1137.792m  Cut – 9.305m2 Fill – 0.060m2 Shoulder Fill – 0.488m2 Base – 0.722m2 Sub Base – 0.842m2												

[illegible]

[illegible]

[illegible]

LEGENDS : CENTER LEVEL GROUND LEVEL DESIGN LEVEL SIDE DRAIN GABION WALL MASONRY WALL GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN MTR. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.						CH 1+860.00 GL 1164.355 m DL 1165.498m 1V:1.50H H=1.75m Cut – 0.000m2 Fill – 5.150m2 Shoulder Fill – 0.488m2 Sir. Cut – 0.995m2 Back Fill – 0.183m2 Base – 0.804m2 Sub Base – 0.938m2 CH 1+840.00 GL 1162.021 m DL 1163.258m 1V:100.00H H=2m Cut – 0.000m2 Fill – 5.095m2 Shoulder Fill – 0.488m2 Sir. Cut – 0.828m2 Back Fill – 0.110m2 Base – 0.699m2 Sub Base – 0.816m2 PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNERI ROAD MADANPURI, NEPAL CONSULTANT: BEAM - CEMICA - Jy SARPAJALPITEE GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT NAME DATE SIGNATURE DESIGNATION SCALE Cross-Section DATE: November, 2017 DRWG NO.: 3 SHEET No.: 24						
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 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARDJALATHAR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBRALI - SUNNERI ROAD MANANGPUL, NEPAL	CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
													1:200		CH 1+920.00-1+980.00		DRWG NO.: 3	
																	SHEET No.: 25	
CH 1+940.00 GL 1175.790 m DL 1175.047m  Cut - 14.958m2 Fill - 0.000m2 Shoulder Fill - 0.488m2 Base - 0.804m2 Sub Base - 0.938m2 CH 1+960.00 GL 1178.419 m DL 1177.409m  Cut - 20.963m2 Fill - 0.000m2 Shoulder Fill - 0.488m2 Base - 0.804m2 Sub Base - 0.938m2 CH 1+980.00 GL 1180.676 m DL 1179.403m  Cut - 17.905m2 Fill - 0.000m2 Shoulder Fill - 0.488m2 Base - 0.896m2 Sub Base - 1.045m2																		

LEGENDS :

CENTER LEVEL

GROUND LEVEL

DESIGN LEVEL

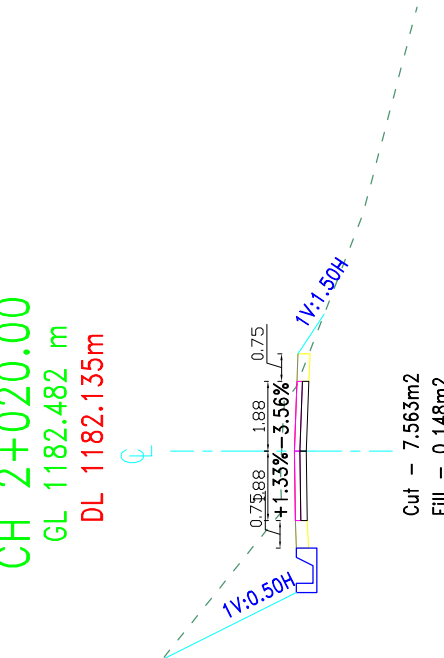
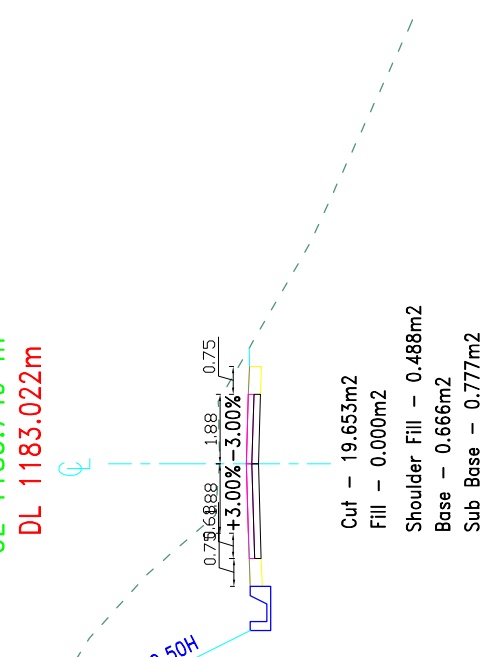
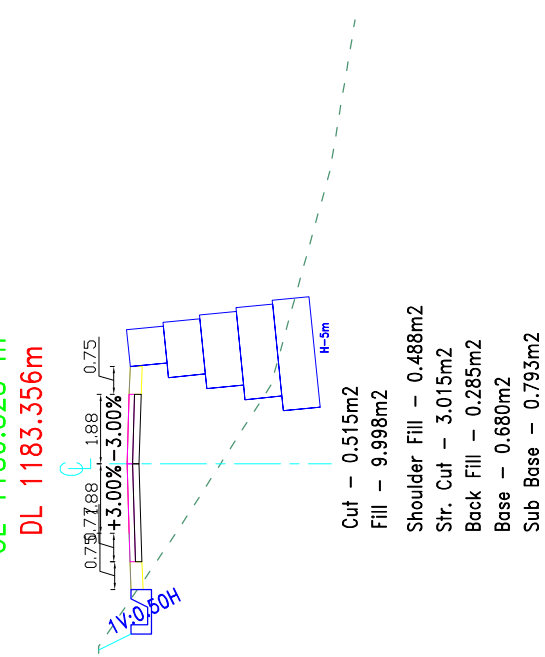
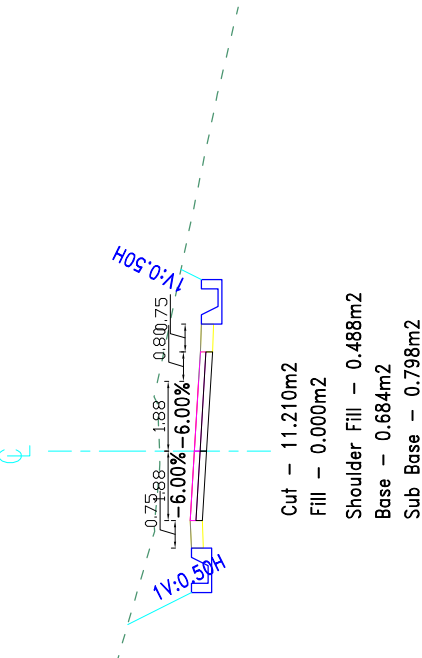
SIDE DRAIN

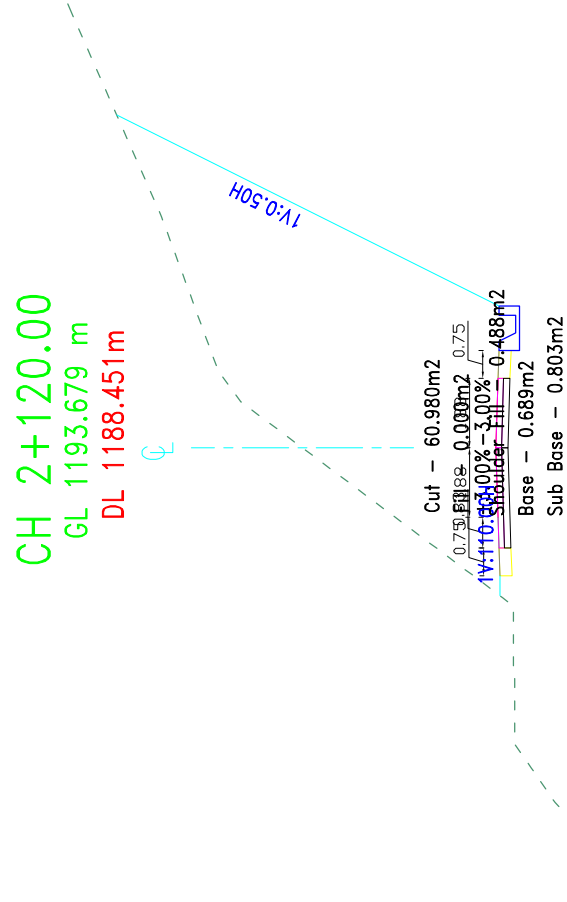
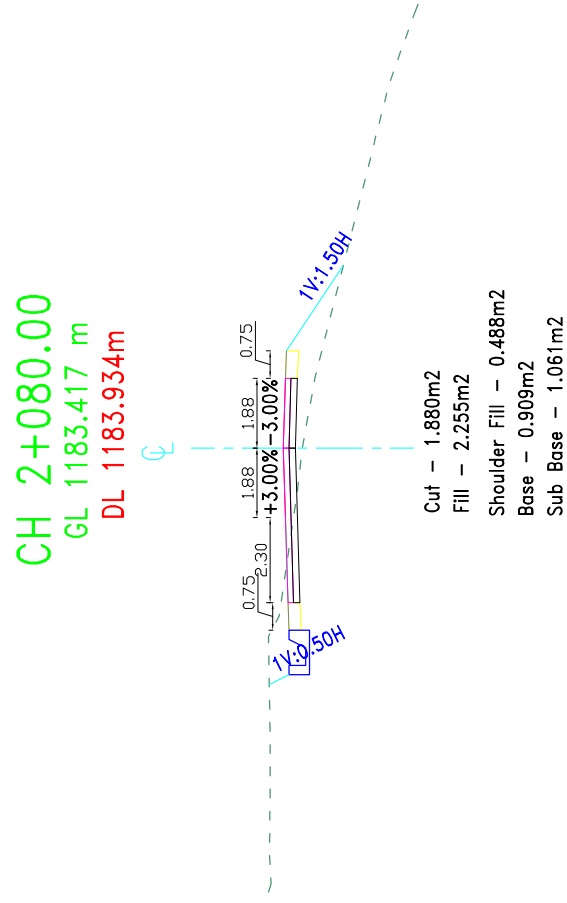
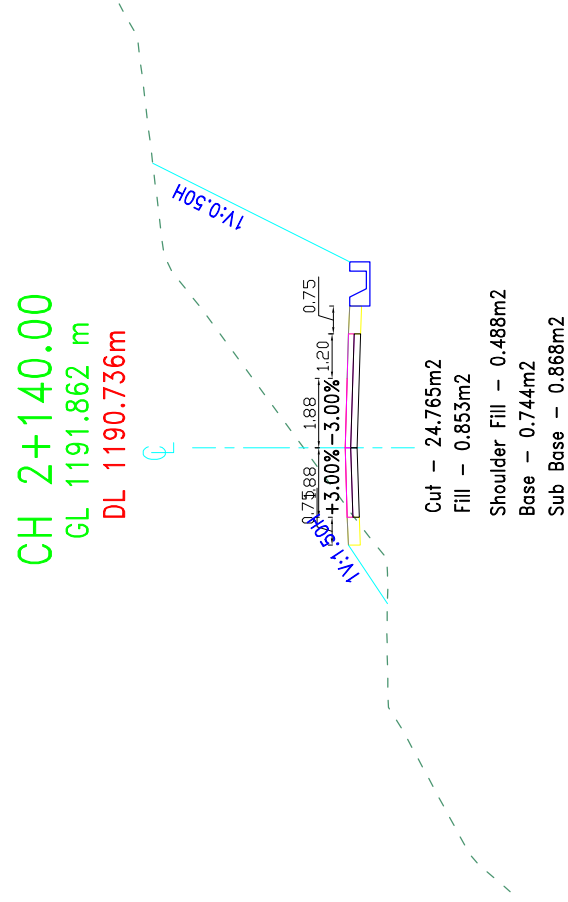
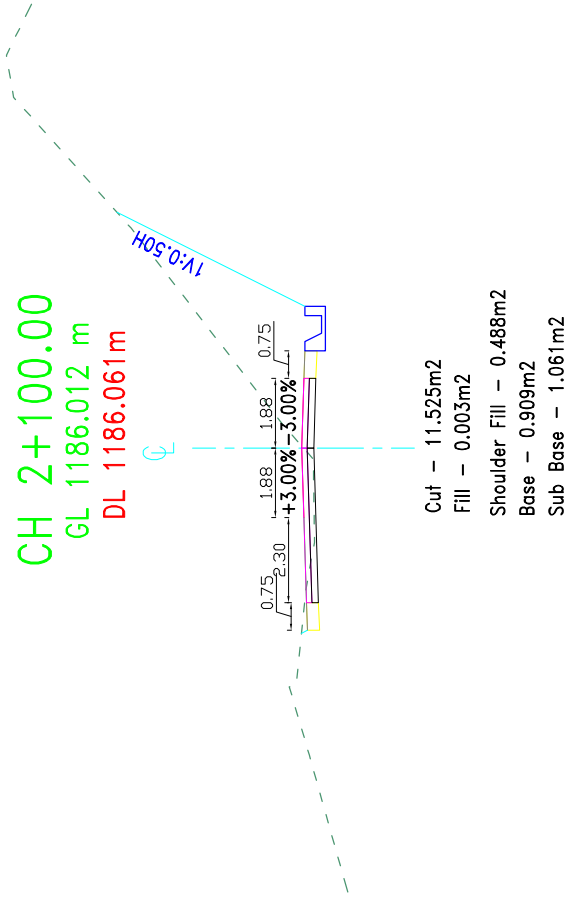
CABON WALL

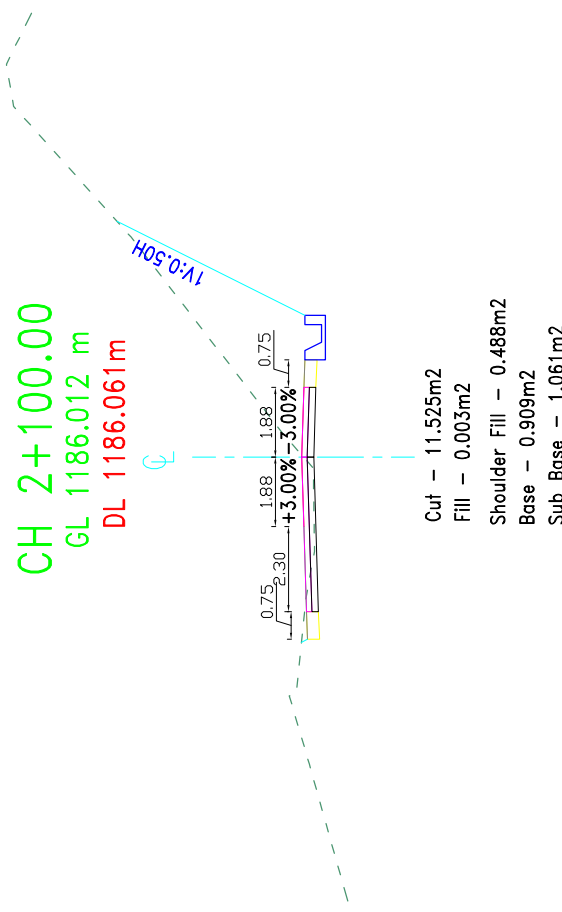
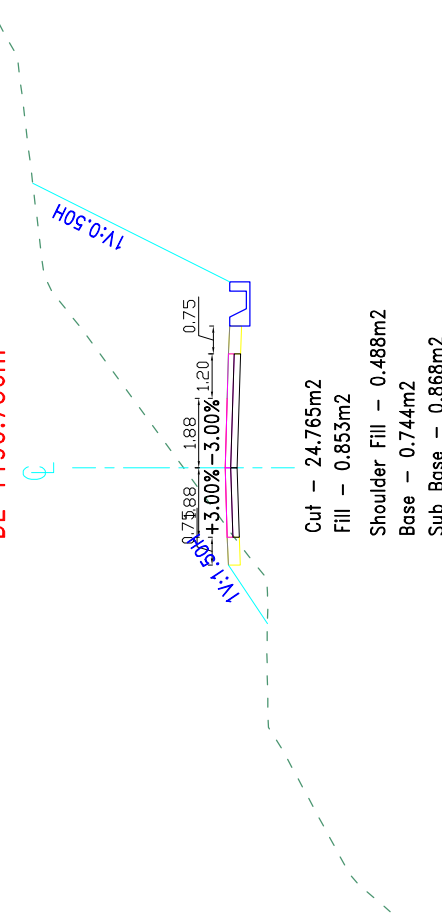
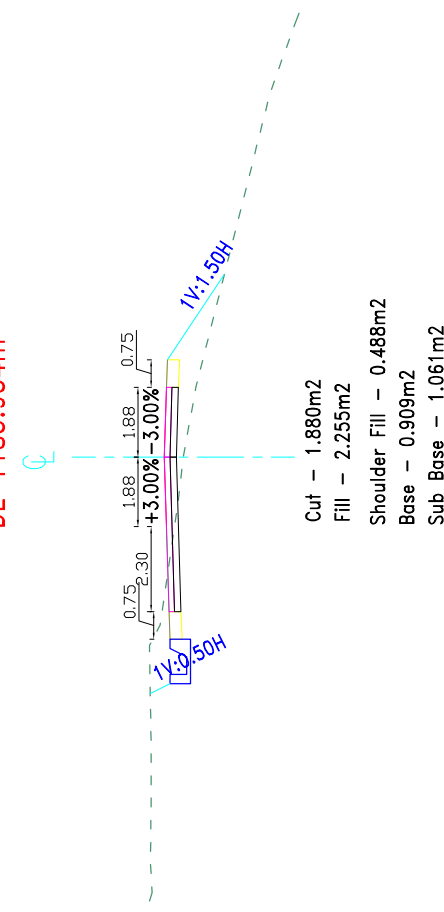
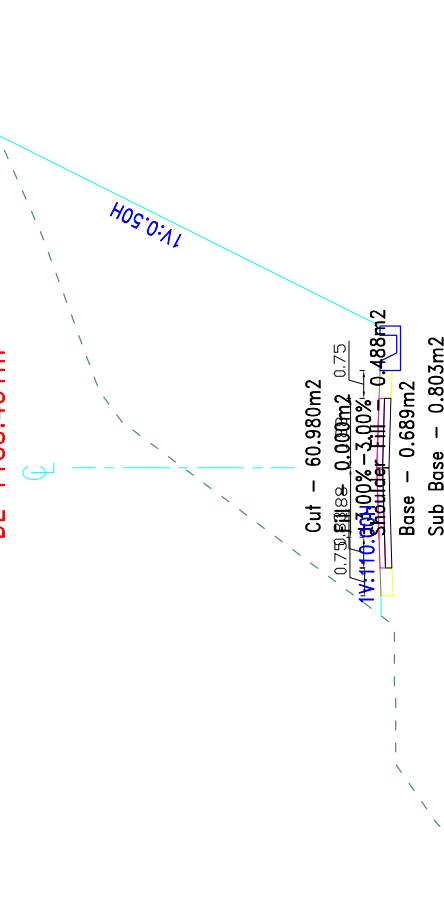
MASONRY WALL

GENERAL NOTES :

1. ALL THE DIMENSIONS ARE IN MTR.
UNLESS OTHERWISE MENTIONED.
2. DO NOT SCALE THE DRAWING.

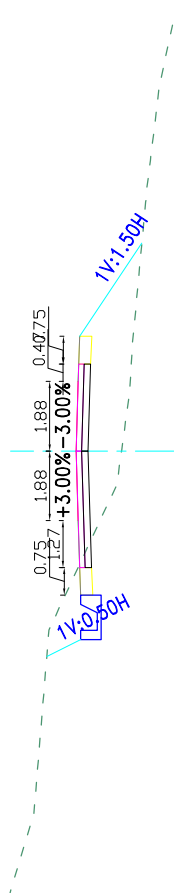
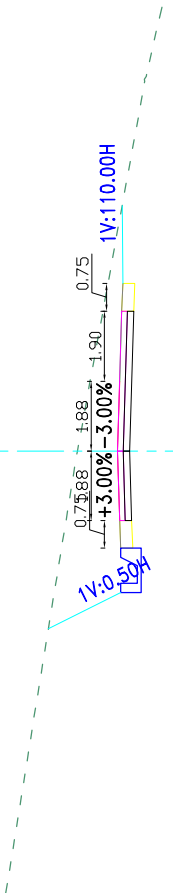
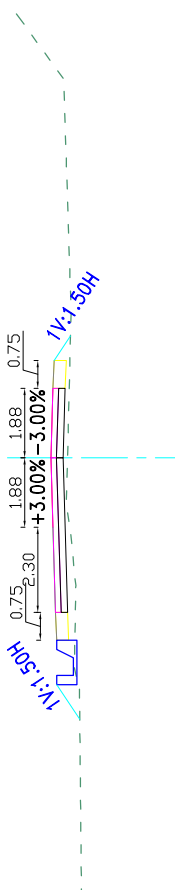
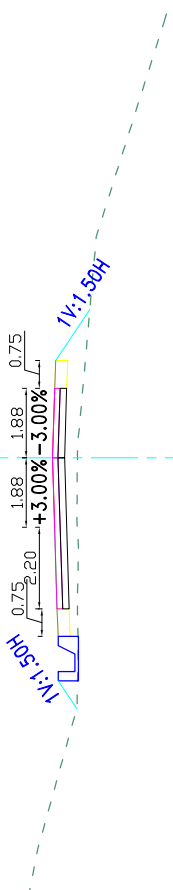
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARDAJA/AT/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GDSI PLAN OF BHIMPHEDI - BOGATE - IPA DUDRALI - SUNNERI ROAD MUNAWAPUR, NEPAL	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME	DESIGNATION	SIGNATURE	DATE	SCALE	Cross-Section	DATE: November, 2017			
	CH 2+020.00 GL 1182.482 m DL 1182.135m  Cut - 7.563m2 Fill - 0.148m2 Shoulder Fill - 0.488m2 Base - 0.564m2 Sub Base - 0.658m2		CH 2+040.00 GL 1183.749 m DL 1183.022m  Cut - 19.653m2 Fill - 0.000m2 Shoulder Fill - 0.488m2 Base - 0.666m2 Sub Base - 0.777m2		CH 2+060.00 GL 1180.828 m DL 1183.356m  Cut - 0.515m2 Fill - 9.998m2 Shoulder Fill - 0.488m2 Str. Cut - 3.015m2 Back Fill - 0.285m2 Base - 0.680m2 Sub Base - 0.793m2		CH 2+000.00 GL 1181.872 m DL 1180.925m  Cut - 11.210m2 Fill - 0.000m2 Shoulder Fill - 0.488m2 Base - 0.684m2 Sub Base - 0.798m2		1:200		CH 2+000.00-2+060.00	DRWG NO.: 3
									SHEET No.: 26			



 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - Jy SARPAJALATHAR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCORD THE STUDY AND GIST PLAN OF BHIMPEDI - BOGATE - IPA DUKALI - SISRNET ROAD MUNAWAPUR, NEPAL										DATE: November, 2017 DRWG NO.: 3 SHEET No.: 27	
LEGENDS : CENTER LEVEL GROUND LEVEL DESIGN LEVEL SIDE DRAIN GABION WALL MASONRY WALL										Cross-Section CH 2+080.00-2+140.00	
GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN MT. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.										SCALE 1:200	
CH 2+100.00 GL 1186.012 m DL 1186.061m  Cut – 11.525m2 Fill – 0.003m2 Shoulder Fill – 0.488m2 Base – 0.909m2 Sub Base – 1.061m2										DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	
CH 2+140.00 GL 1191.862 m DL 1190.736m  Cut – 24.765m2 Fill – 0.853m2 Shoulder Fill – 0.488m2 Base – 0.744m2 Sub Base – 0.868m2										DESIGNATION SIGNATURE DATE	
CH 2+080.00 GL 1183.417 m DL 1183.934m  Cut – 1.880m2 Fill – 2.255m2 Shoulder Fill – 0.488m2 Base – 0.909m2 Sub Base – 1.061m2										NAME SIGNATURE DATE	
CH 2+120.00 GL 1193.679 m DL 1188.451m  Cut – 60.980m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.689m2 Sub Base – 0.803m2										Cross-Section CH 2+080.00-2+140.00	

[illegible]

[illegible]

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  CEMCA - Jy SARWALATHI PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBRALI - SUNNERI ROAD MANANGPUL, NEPAL	CONSULTANT:		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME	DESIGNATION	SIGNATURE	DATE	SCALE	Cross-Section	DATE: November, 2017 DRWG NO.: 3 SHEET No.: 30
	CH 2+340.00 GL 1204.287 m DL 1205.515m										
	 Cut - 1.563m2 Fill - 6.373m2 Shoulder Fill - 0.488m2 Base - 0.825m2 Sub Base - 0.963m2										
CH 2+320.00 GL 1204.942 m DL 1203.857m											
 Cut - 12.615m2 Fill - 0.000m2 Shoulder Fill - 0.488m2 Base - 0.849m2 Sub Base - 0.991m2											
CH 2+380.00 GL 1208.379 m DL 1208.826m											
 Cut - 0.000m2 Fill - 1.500m2 Shoulder Fill - 0.488m2 Base - 0.909m2 Sub Base - 1.061m2											
CH 2+360.00 GL 1206.497 m DL 1207.171m											
 Cut - 0.000m2 Fill - 3.110m2 Shoulder Fill - 0.488m2 Base - 0.894m2 Sub Base - 1.043m2											

LEGENDS :

CENTER LEVEL

GROUND LEVEL

DESIGN LEVEL

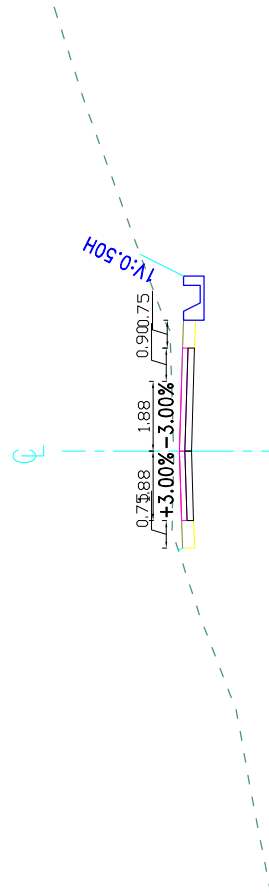
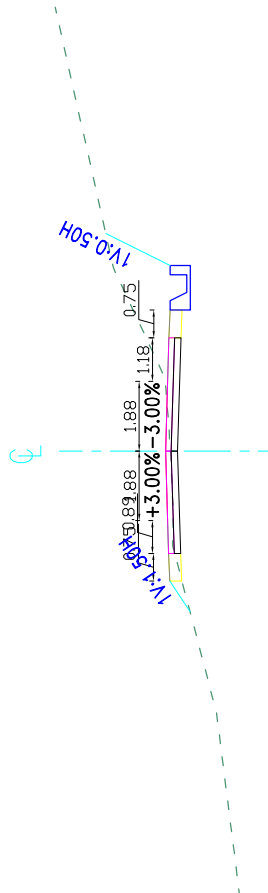
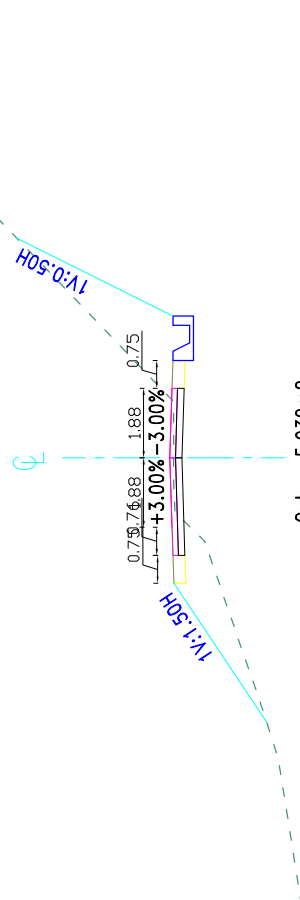
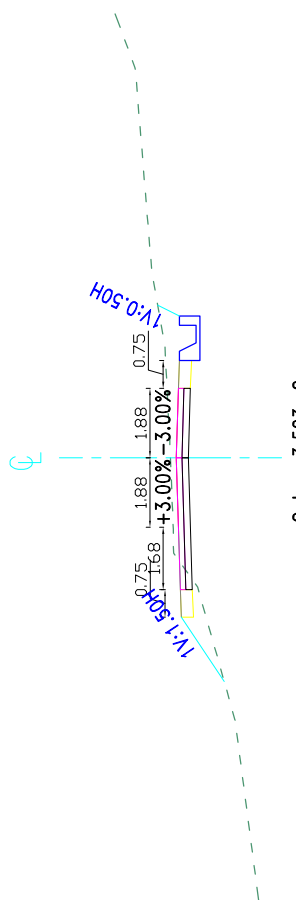
SIDE DRAIN

GABION WALL

MASONRY WALL

GENERAL NOTES :

1. ALL THE DIMENSIONS ARE IN MTR.
UNLESS OTHERWISE MENTIONED.
2. DO NOT SCALE THE DRAWING.

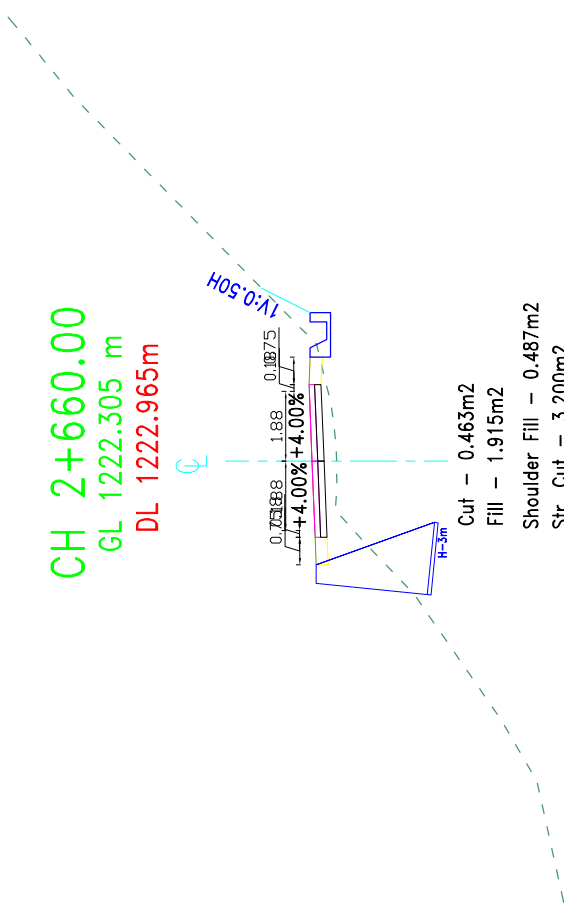
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - Jy SARDHAJAPUR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GDSI PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNERI ROAD MUNAWAPUR, NEPAL		CONSULTANT: BEAM - CEMECA - Jy SARDHAJAPUR		PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GDSI PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNERI ROAD MUNAWAPUR, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section	DATE: November, 2017 DRWG NO.: 3 SHEET No.: 31
CH 2+420.00 GL 1212.934 m DL 1212.774m  Cut - 4.678m2 Fill - 0.000m2 Shoulder Fill - 0.488m2 Base - 0.699m2 Sub Base - 0.816m2		CH 2+420.00 GL 1210.419 m DL 1210.551m  Cut - 4.923m2 Fill - 0.143m2 Shoulder Fill - 0.488m2 Base - 0.875m2 Sub Base - 1.021m2		CH 2+460.00 GL 1215.418 m DL 1215.514m  Cut - 5.930m2 Fill - 3.298m2 Shoulder Fill - 0.488m2 Base - 0.678m2 Sub Base - 0.791m2		CH 2+440.00 GL 1215.137 m DL 1214.978m  Cut - 3.523m2 Fill - 0.783m2 Shoulder Fill - 0.488m2 Base - 0.816m2 Sub Base - 0.952m2							

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SPROCKELMANN	CONSULTANT:  BEAM - CEMECA - Jy SARDAJALIMPA PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBRALI - SUNNARI ROAD MUNAWAPUR, NEPAL	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section	DATE: November, 2017
									DRWG NO.: 3
									SHEET No.: 33

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT		BEAM - CEMECA - Jy SAWADJALIMUR		PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GESI PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNERT ROAD MANANGPUL, NEPAL		CONSULTANT:		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :			NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200		Cross-Section	DATE: November, 2017 DRWG NO.: 3 SHEET No.: 34			
																		Cross-Section		CH 2+640.00 – 2+700.00	

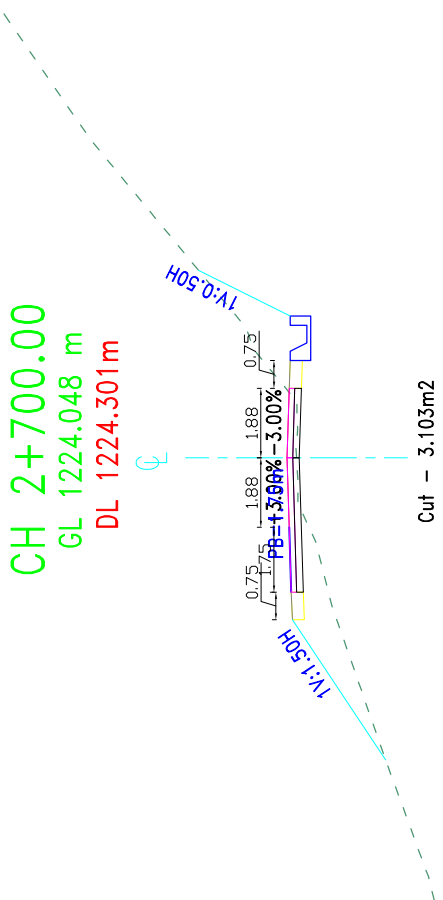
LEGENDS :		GENERAL NOTES :	
-----	CENTER LEVEL		GABION WALL
- - - -	GROUND LEVEL		MASONRY WALL
---	DESIGN LEVEL		
	SIDE DRAIN		

CH 2+660.00
GL 1222.305 m
DL 1222.965m



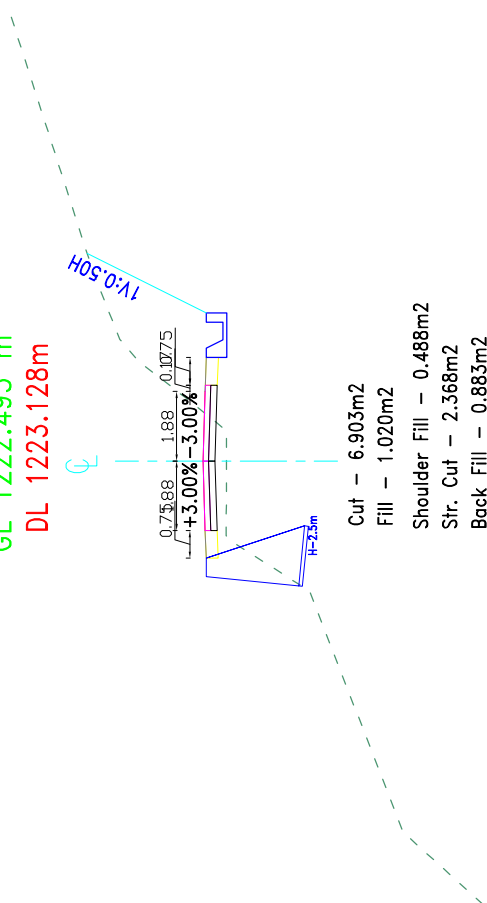
Cut – 0.463m2
Fill – 1.915m2
Shoulder Fill – 0.487m2
Sir. Cut – 3.200m2
Back Fill – 1.098m2
Base – 0.618m2
Sub Base – 0.721m2

CH 2+700.00
GL 1224.048 m
DL 1224.301m



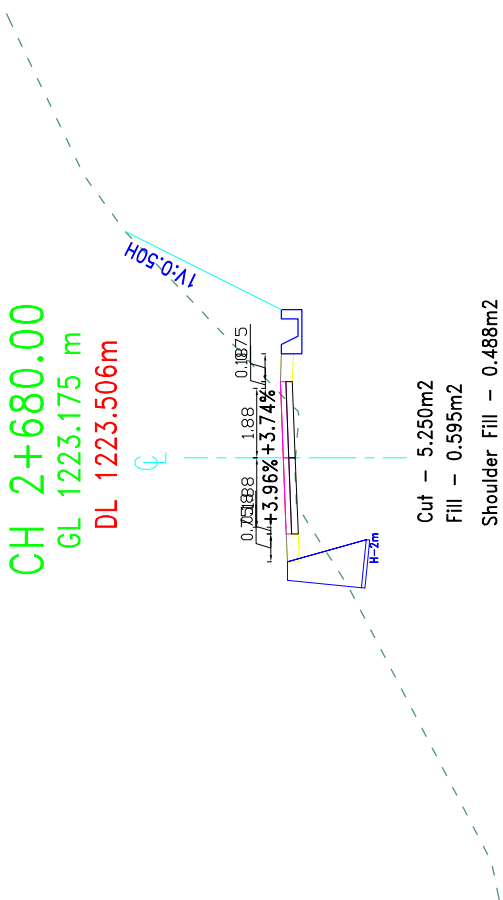
Cut – 3.103m2
Fill – 3.740m2
Shoulder Fill – 0.488m2
Base – 0.827m2
Sub Base – 0.965m2

CH 2+640.00
GL 1222.495 m
DL 1223.128m

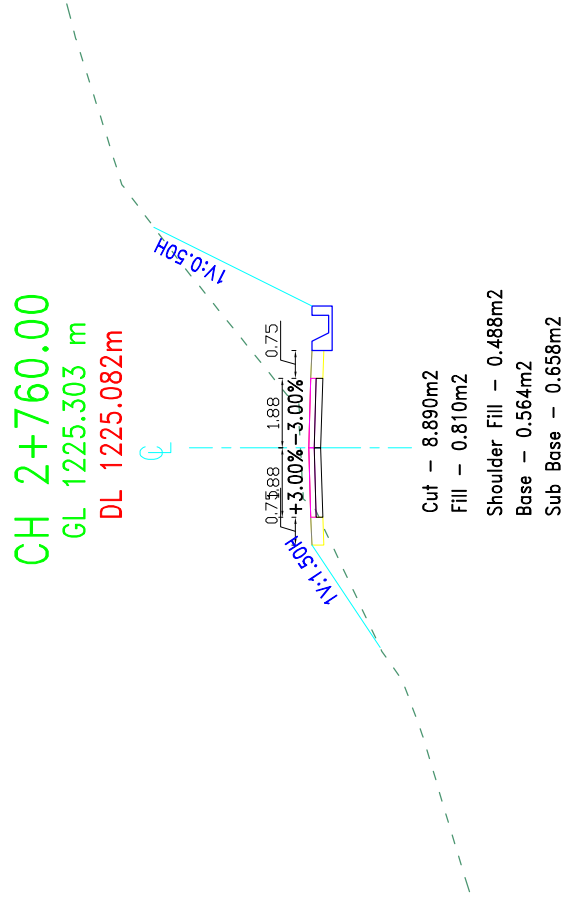
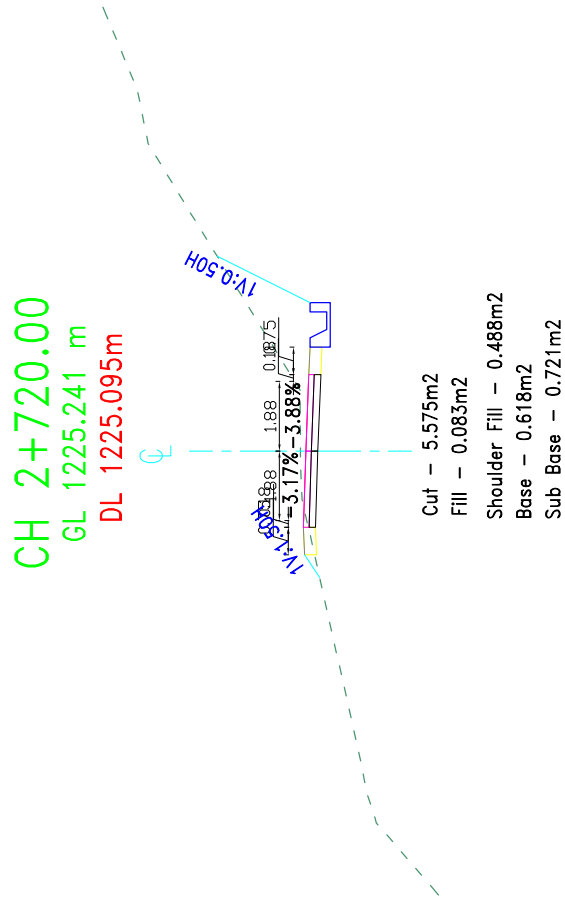
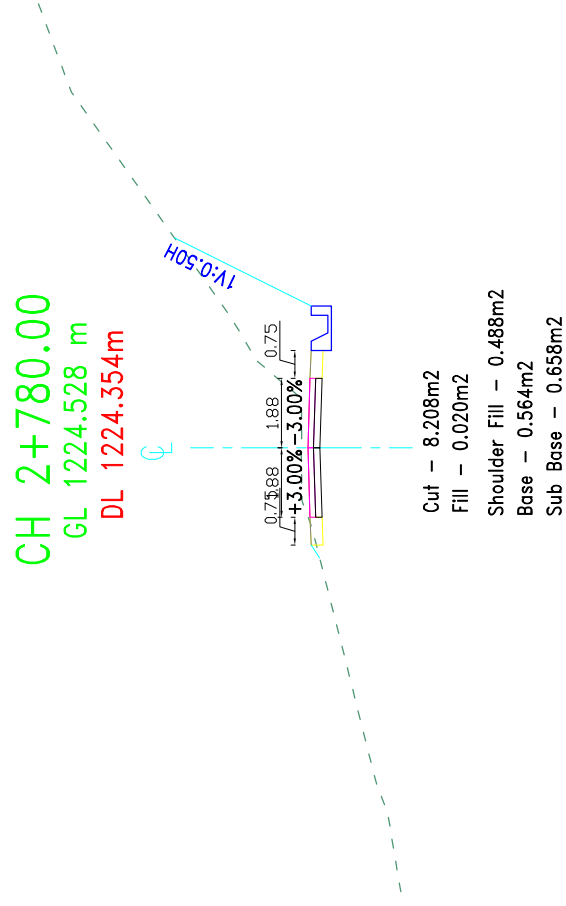
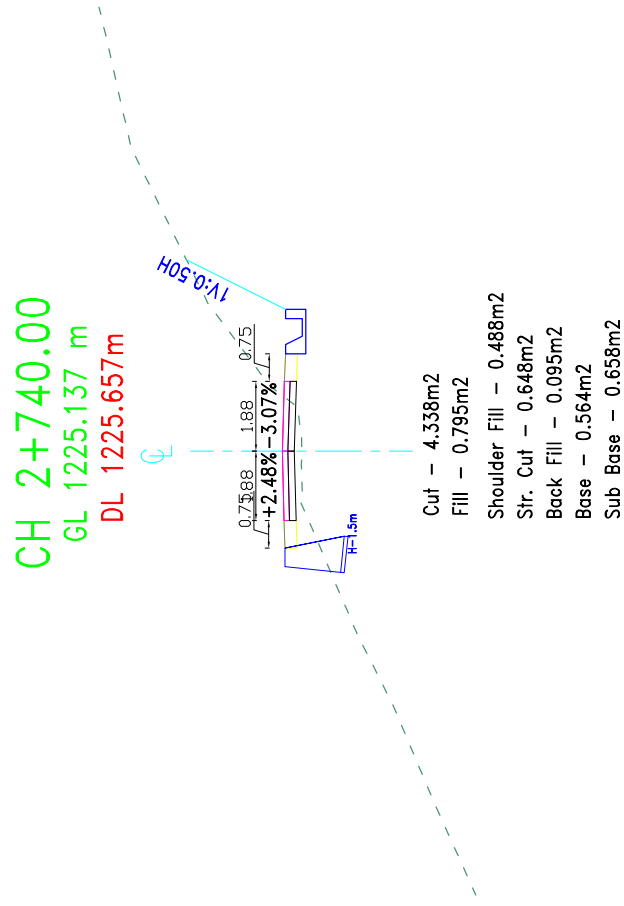


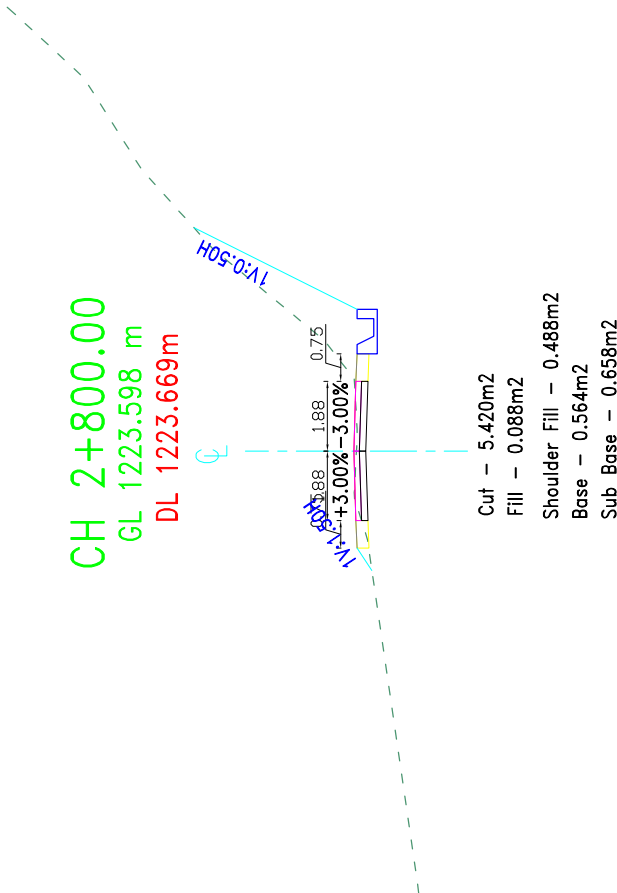
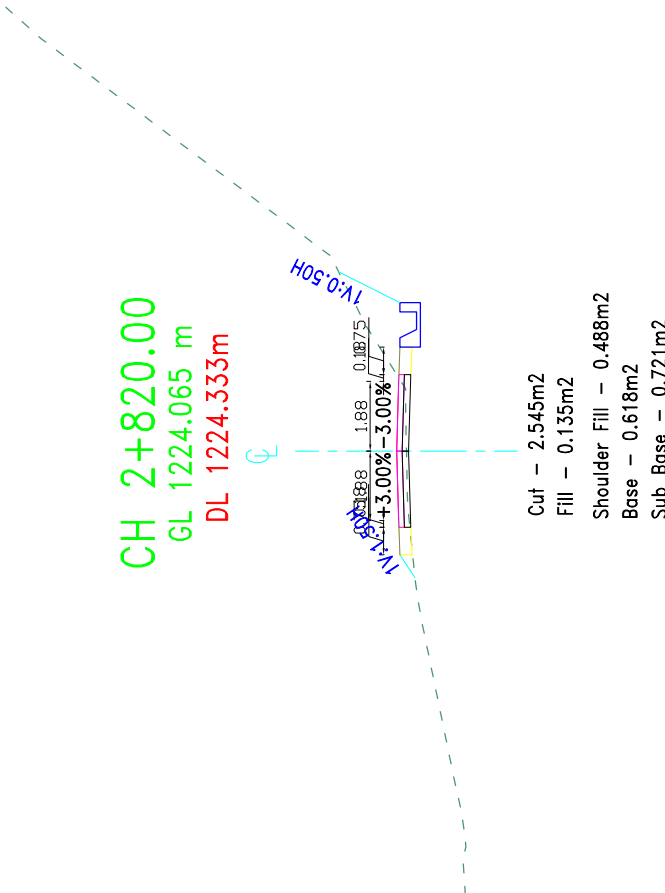
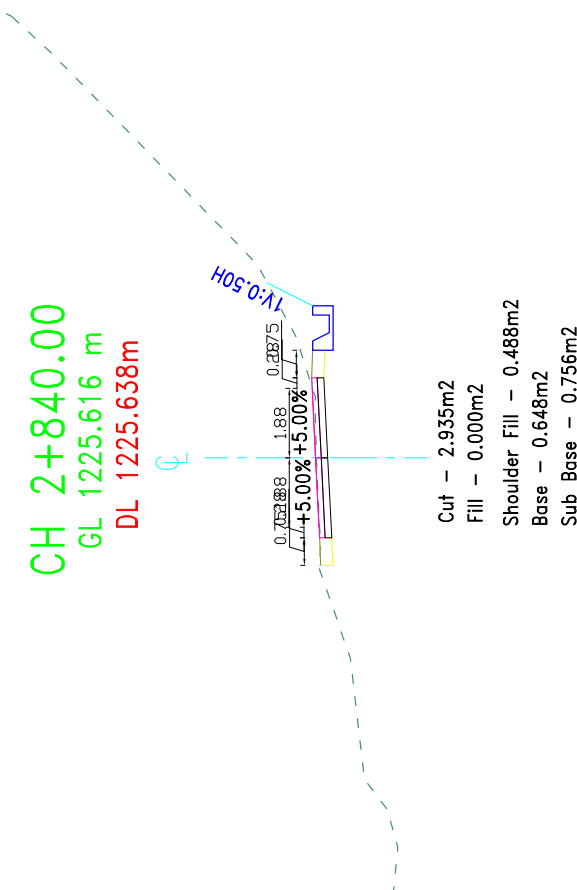
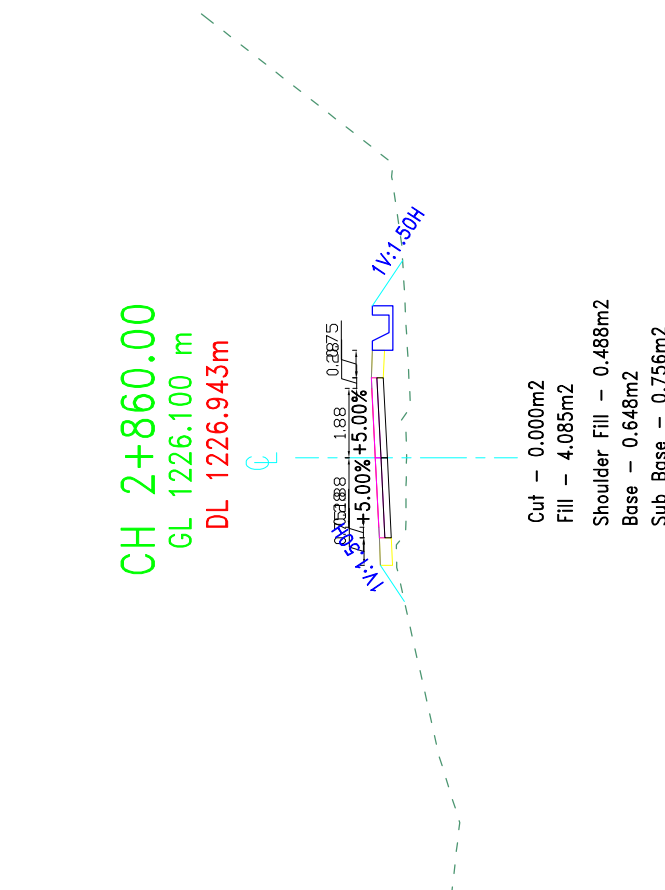
Cut – 6.903m2
Fill – 1.020m2
Shoulder Fill – 0.488m2
Sir. Cut – 2.368m2
Back Fill – 0.883m2
Base – 0.590m2
Sub Base – 0.688m2

CH 2+680.00
GL 1223.175 m
DL 1223.506m

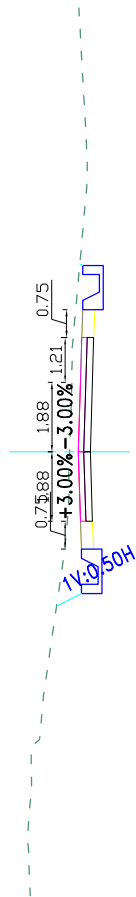
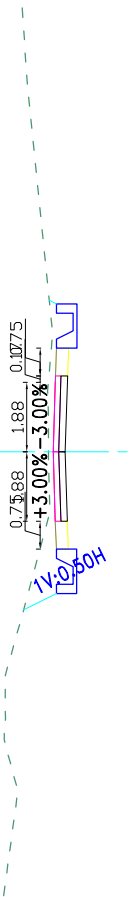


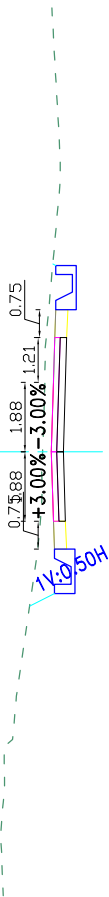
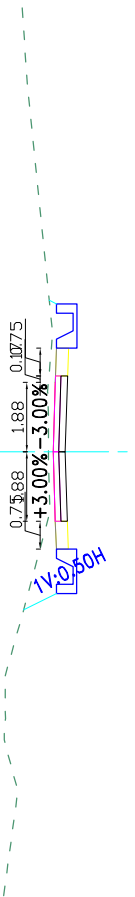
Cut – 5.250m2
Fill – 0.595m2
Shoulder Fill – 0.488m2
Sir. Cut – 1.288m2
Back Fill – 0.308m2
Base – 0.618m2
Sub Base – 0.721m2

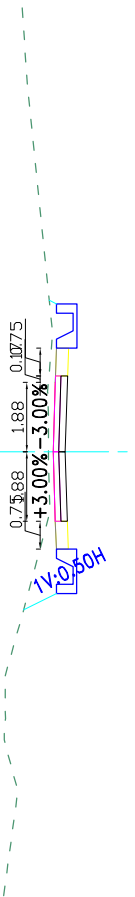
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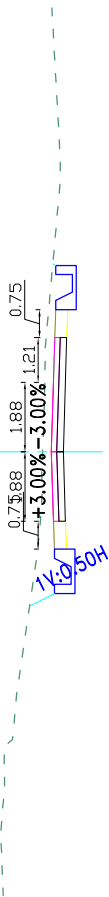
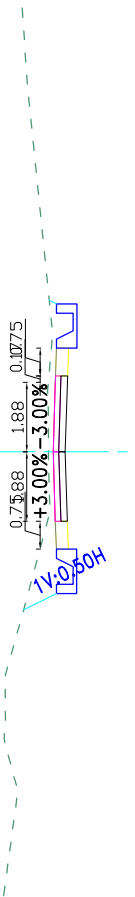
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - Jy SARDJALPITR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DUDRALI - SUNNERI ROAD MADANPURI, NEPAL	CONSULTANT:		PROJECT:		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE	Cross-Section	DATE: November, 2017 DRWG NO.: 3 SHEET No.: 36
	1:200											
	CH 2+800.00 GL 1223.598 m DL 1223.669m  Cut - 5.420m2 Fill - 0.088m2 Shoulder Fill - 0.488m2 Base - 0.564m2 Sub Base - 0.658m2											
CH 2+820.00 GL 1224.065 m DL 1224.333m  Cut - 2.545m2 Fill - 0.135m2 Shoulder Fill - 0.488m2 Base - 0.618m2 Sub Base - 0.721m2												
CH 2+840.00 GL 1225.616 m DL 1225.638m  Cut - 2.935m2 Fill - 0.000m2 Shoulder Fill - 0.488m2 Base - 0.648m2 Sub Base - 0.756m2												
CH 2+860.00 GL 1226.100 m DL 1226.943m  Cut - 0.000m2 Fill - 4.085m2 Shoulder Fill - 0.488m2 Base - 0.648m2 Sub Base - 0.756m2												
LEGENDS : CENTER LEVEL GROUND LEVEL DESIGN LEVEL SIDE DRAIN GABION WALL MASONRY WALL												
GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN Mtr. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.												

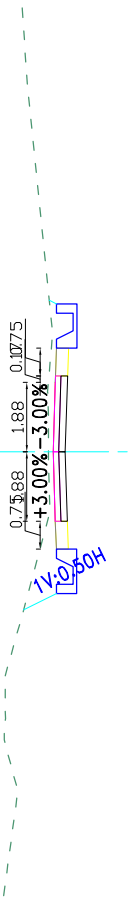
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT REPRODUCTION	 BEAM - CEMCA - Jy SARWAL, JATTHI	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNRI ROAD MUNAWAPUR, NEPAL	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section	DATE: November, 2017
									CH 2+880.00 – 2+940.00	DRWG NO.: 3
									SHEET No. : 37	

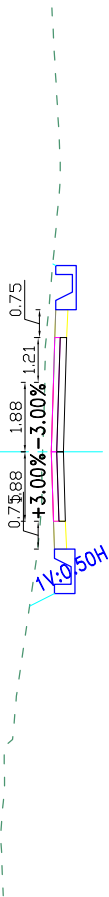
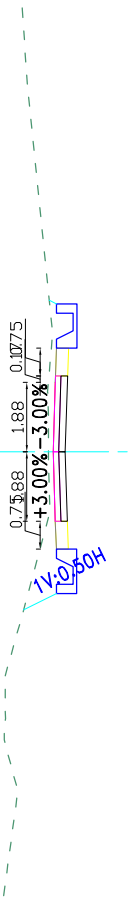
CH 2+900.00 GL 1229.645 m DL 1229.630m  Cut – 3.098m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.654m2 Sub Base – 0.763m2	CH 2+920.00 GL 1231.816 m DL 1231.687m  Cut – 3.805m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.590m2 Sub Base – 0.688m2
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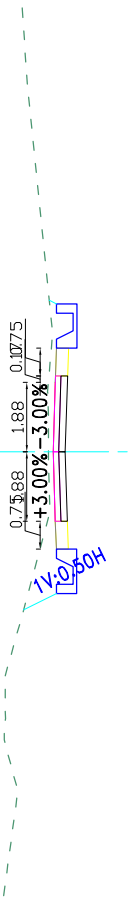
CH 2+940.00 GL 1234.139 m DL 1233.901m  Cut – 4.760m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.746m2 Sub Base – 0.870m2	CH 2+920.00 GL 1231.816 m DL 1231.687m  Cut – 3.805m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.590m2 Sub Base – 0.688m2
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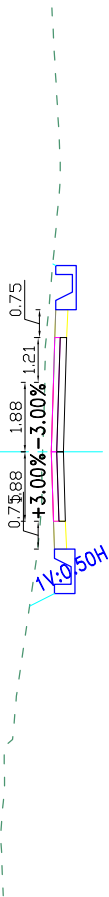
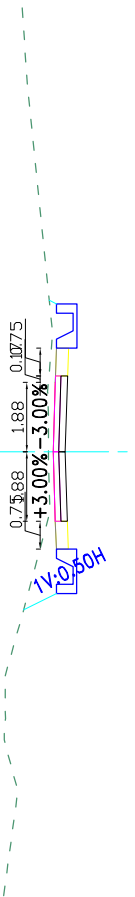
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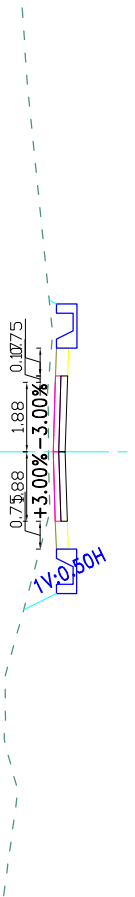
CH 2+940.00 GL 1234.139 m DL 1233.901m  Cut – 4.760m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.746m2 Sub Base – 0.870m2	CH 2+920.00 GL 1231.816 m DL 1231.687m  Cut – 3.805m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.590m2 Sub Base – 0.688m2
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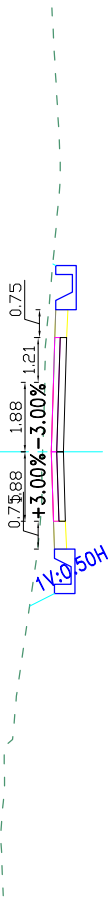
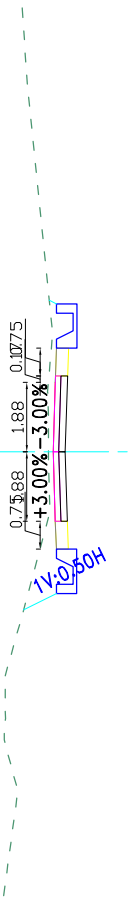
CH 2+900.00 GL 1229.645 m DL 1229.630m  Cut – 3.098m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.654m2 Sub Base – 0.763m2	CH 2+920.00 GL 1231.816 m DL 1231.687m  Cut – 3.805m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.590m2 Sub Base – 0.688m2
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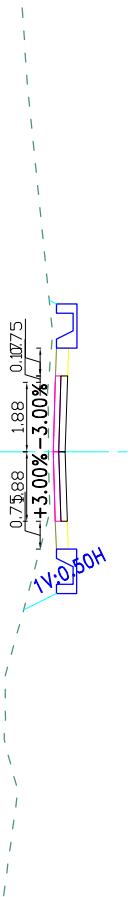
CH 2+940.00 GL 1234.139 m DL 1233.901m  Cut – 4.760m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.746m2 Sub Base – 0.870m2	CH 2+920.00 GL 1231.816 m DL 1231.687m  Cut – 3.805m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.590m2 Sub Base – 0.688m2
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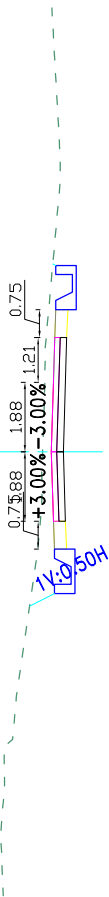
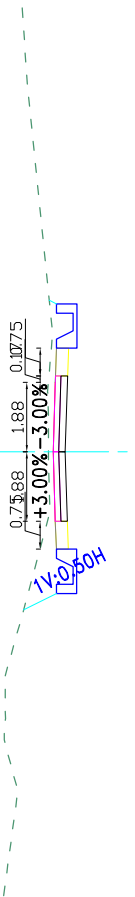
CH 2+900.00 GL 1229.645 m DL 1229.630m  Cut – 3.098m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.654m2 Sub Base – 0.763m2	CH 2+920.00 GL 1231.816 m DL 1231.687m  Cut – 3.805m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.590m2 Sub Base – 0.688m2
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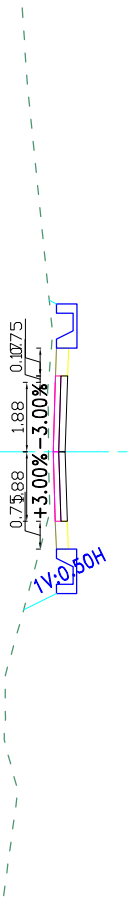
CH 2+940.00 GL 1234.139 m DL 1233.901m  Cut – 4.760m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.746m2 Sub Base – 0.870m2	CH 2+920.00 GL 1231.816 m DL 1231.687m  Cut – 3.805m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.590m2 Sub Base – 0.688m2
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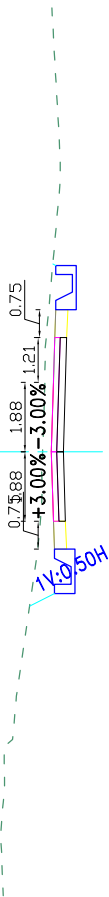
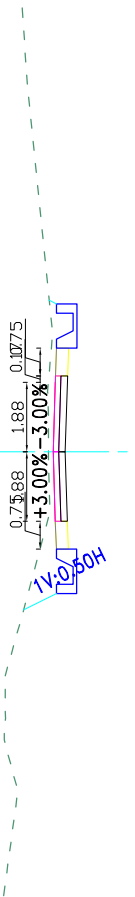
CH 2+900.00 GL 1229.645 m DL 1229.630m  Cut – 3.098m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.654m2 Sub Base – 0.763m2	CH 2+920.00 GL 1231.816 m DL 1231.687m  Cut – 3.805m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.590m2 Sub Base – 0.688m2
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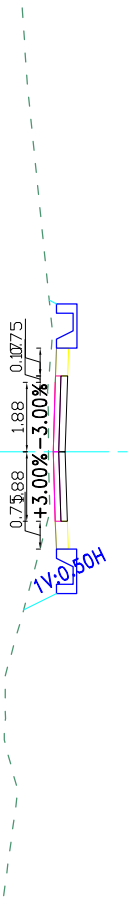
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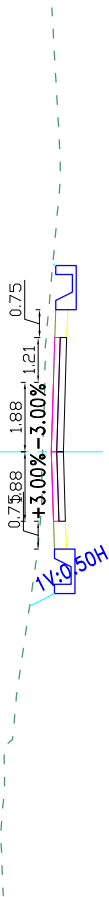
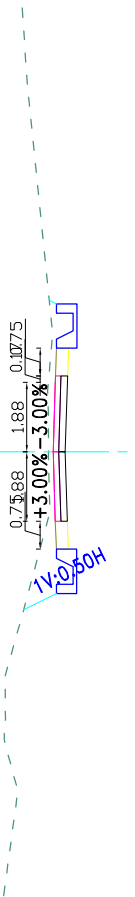
CH 2+900.00 GL 1229.645 m DL 1229.630m  Cut – 3.098m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.654m2 Sub Base – 0.763m2	CH 2+920.00 GL 1231.816 m DL 1231.687m  Cut – 3.805m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.590m2 Sub Base – 0.688m2
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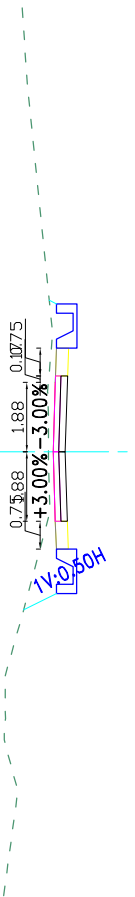
CH 2+940.00 GL 1234.139 m DL 1233.901m  Cut – 4.760m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.746m2 Sub Base – 0.870m2	CH 2+920.00 GL 1231.816 m DL 1231.687m  Cut – 3.805m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.590m2 Sub Base – 0.688m2
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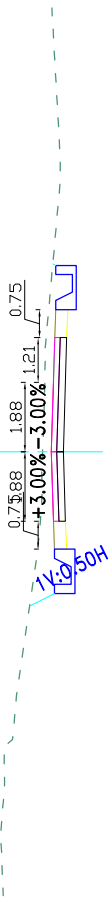
CH 2+900.00 GL 1229.645 m DL 1229.630m  Cut – 3.098m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.654m2 Sub Base – 0.763m2	CH 2+920.00 GL 1231.816 m DL 1231.687m  Cut – 3.805m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.590m2 Sub Base – 0.688m2
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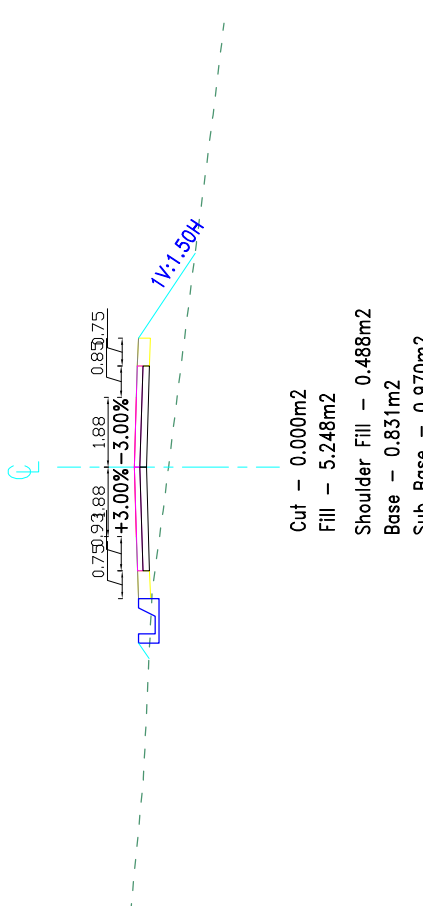
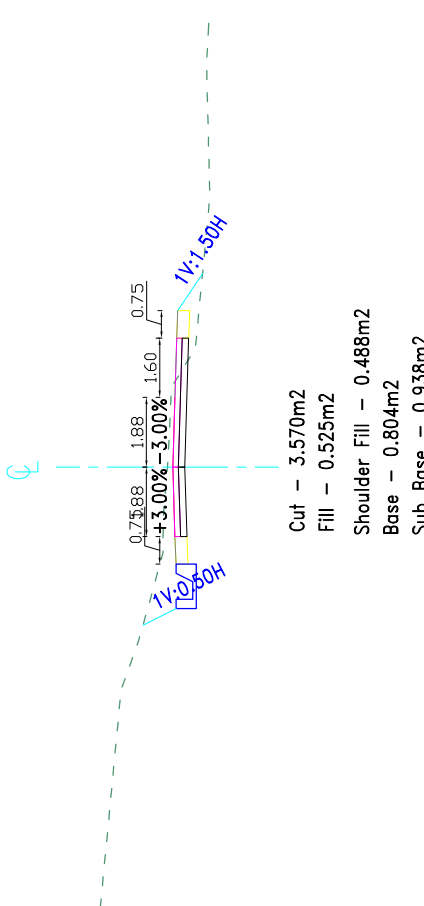
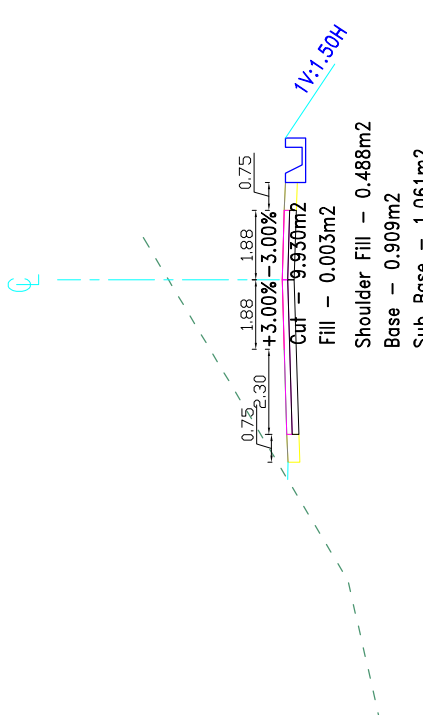
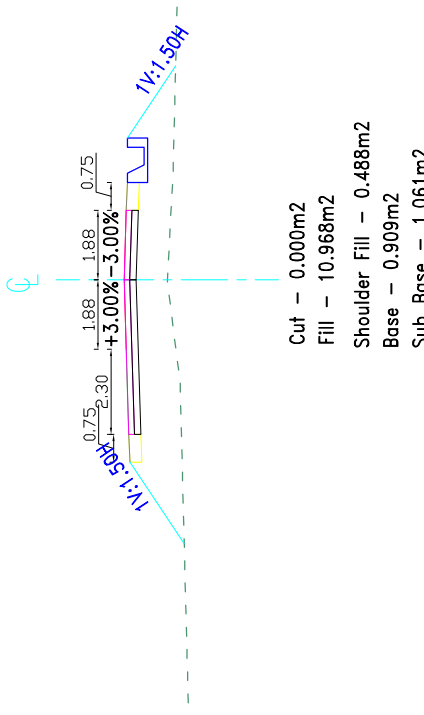
CH 2+940.00 GL 1234.139 m DL 1233.901m  Cut – 4.760m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.746m2 Sub Base – 0.870m2	CH 2+920.00 GL 1231.816 m DL 1231.687m  Cut – 3.805m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.590m2 Sub Base – 0.688m2
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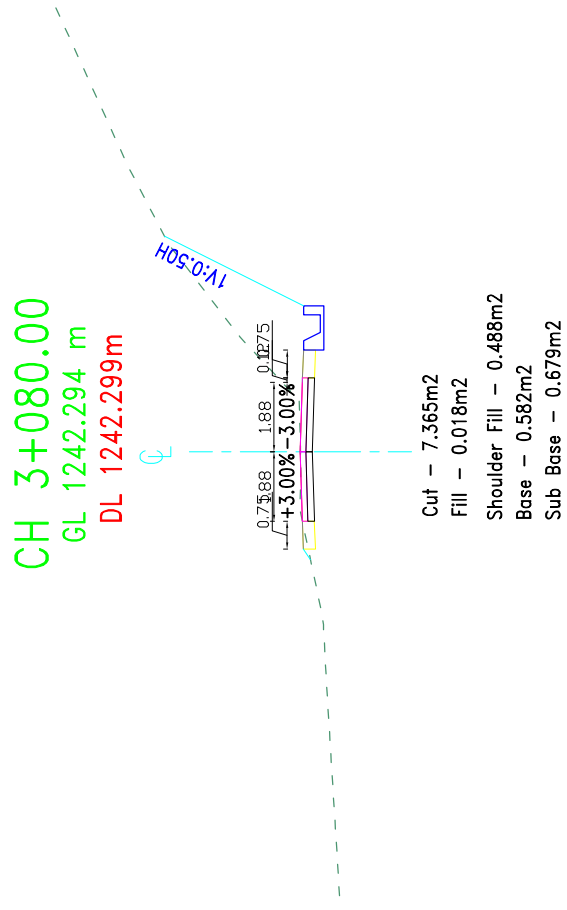
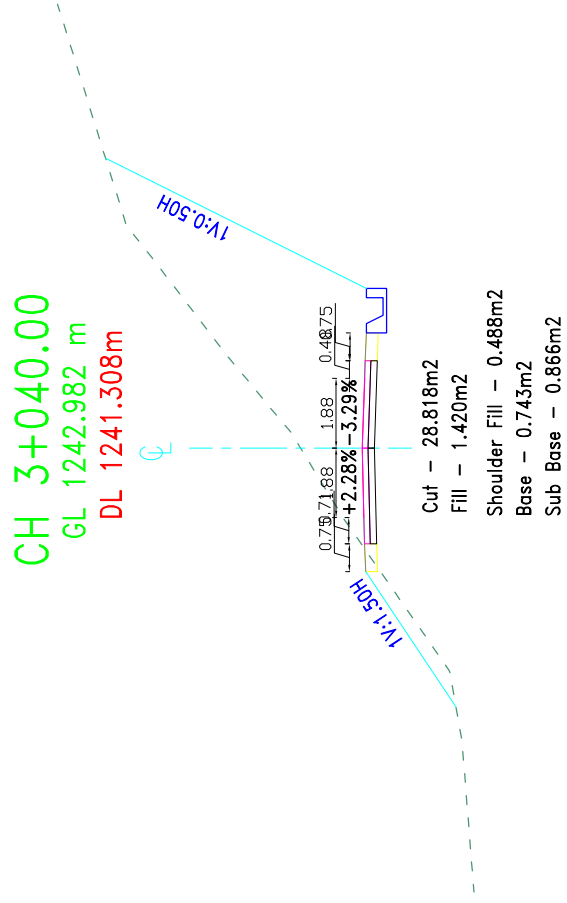
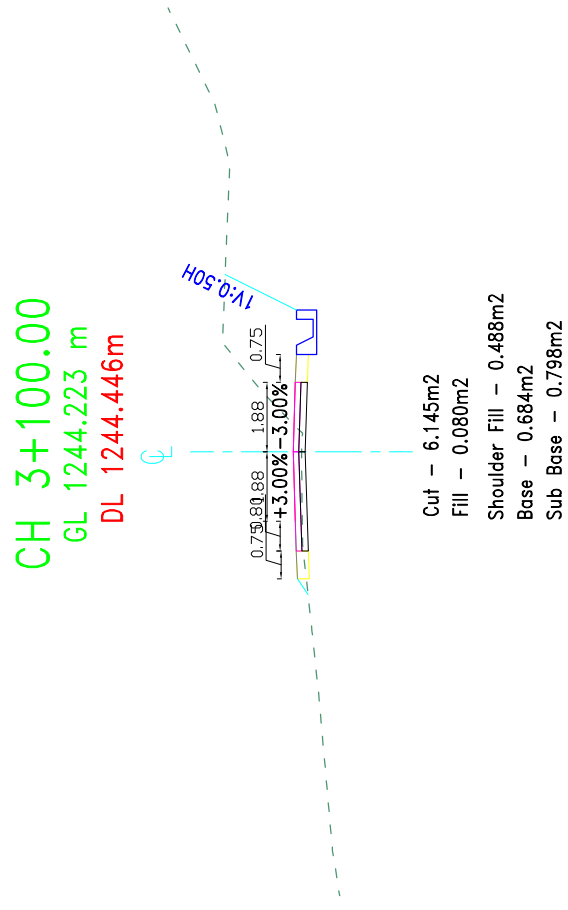
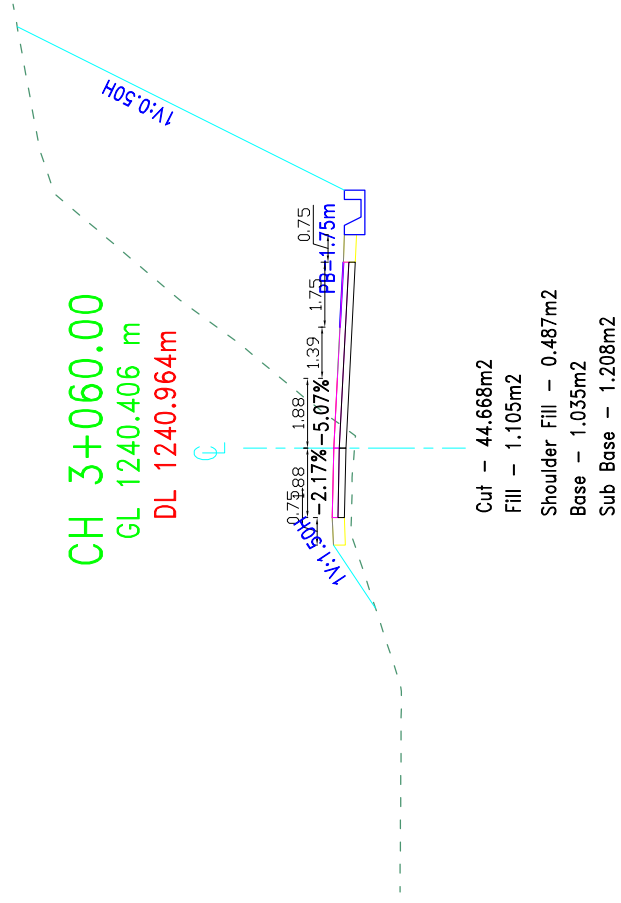
CH 2+900.00 GL 1229.645 m DL 1229.630m  Cut – 3.098m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.654m2 Sub Base – 0.763m2	CH 2+920.00 GL 1231.816 m DL 1231.687m  Cut – 3.805m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.590m2 Sub Base – 0.688m2
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CH 2+940.00 GL 1234.139 m DL 1233.901m  Cut – 4.760m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.746m2 Sub Base – 0.870m2	CH 2+920.00 GL 1231.816 m DL 1231.687m  Cut – 3.805m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.590m2 Sub Base – 0.688m2
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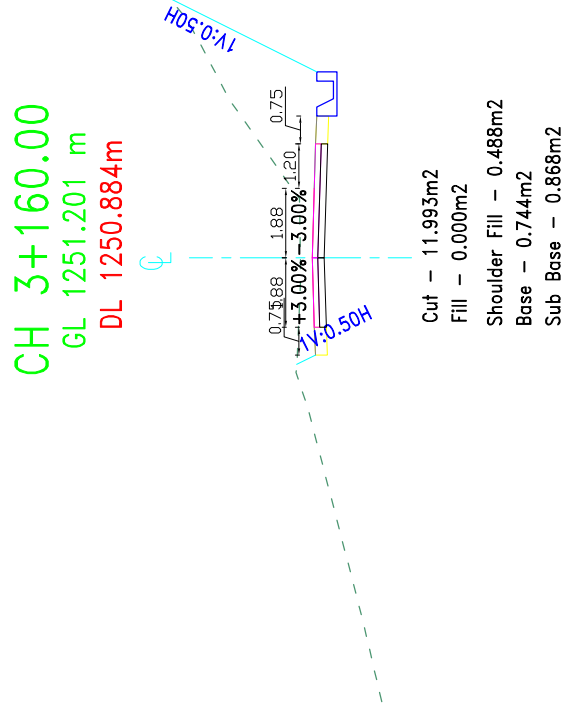
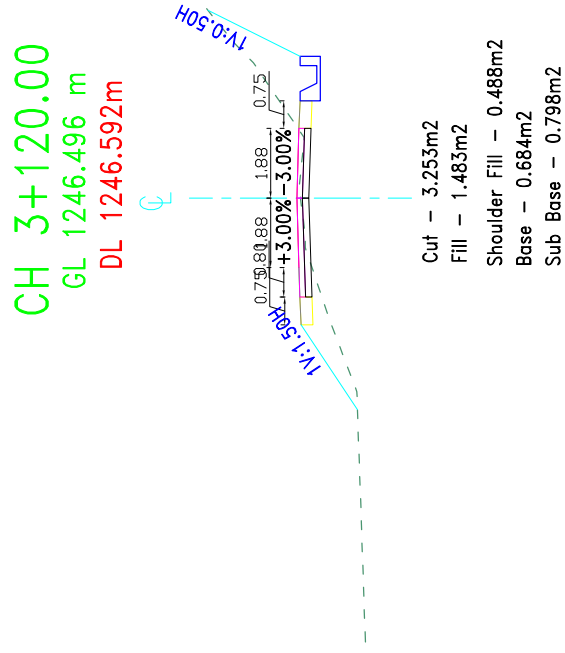
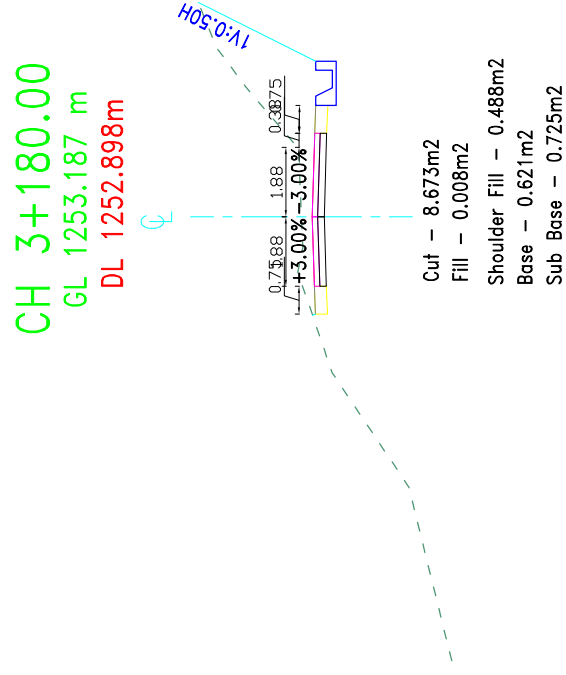
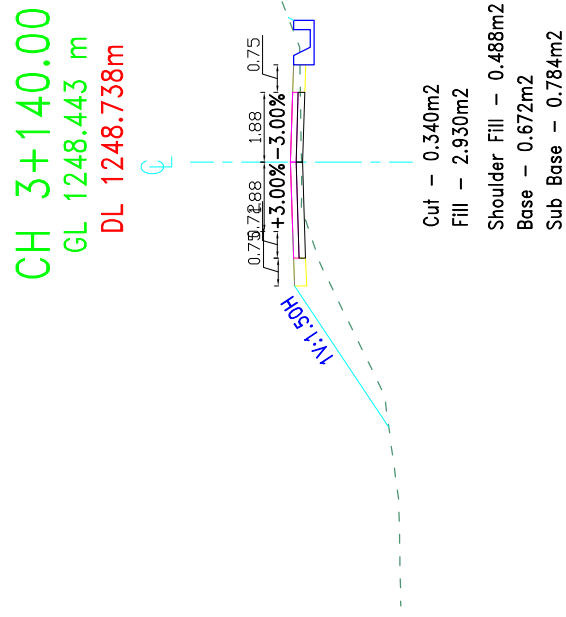
CH 2+900.00 GL 1229.645 m DL 1229.630m  Cut – 3.098m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.654m2 Sub Base – 0.763m2	CH 2+920.00 GL 1231.816 m DL 1231.687m  Cut – 3.805m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.590m2 Sub Base – 0.688m2
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CH 2+940.00 GL 1234.139 m DL 1233.901m  Cut – 4.760m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.746m2 Sub Base – 0.870m2	CH 2+920.00 GL 1231.816 m DL 1231.687m
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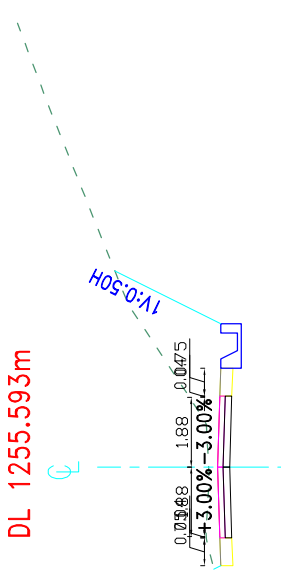
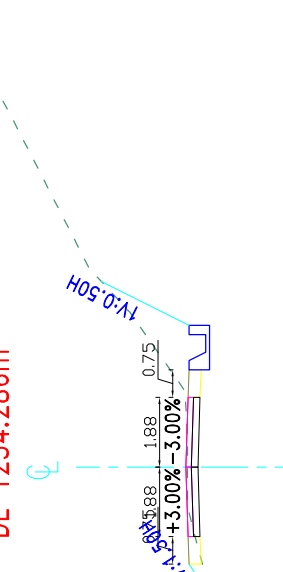
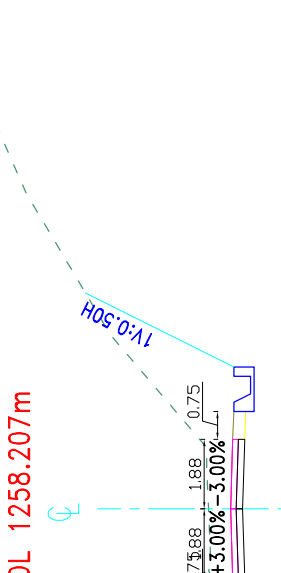
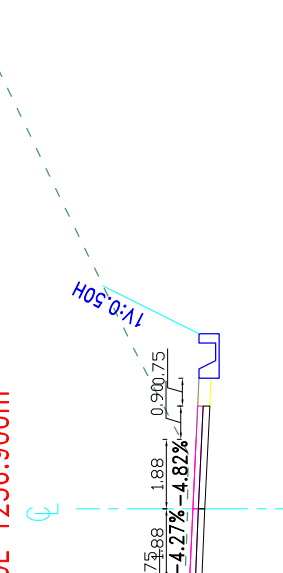
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARWALAYITE PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBRALI - SUNNERI ROAD MADANPURI, NEPAL	CONSULTANT: DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME DESIGNATION SIGNATURE DATE		SCALE 1:200		Cross-Section CH 2+960.00-3+020.00		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 38										
	CH 2+980.00 GL 1237.191 m DL 1238.114m 		CH 2+960.00 GL 1236.260 m DL 1236.115m 		CH 3+020.00 GL 1244.600 m DL 1241.529m 		CH 3+000.00 GL 1238.871 m DL 1240.040m 												
	LEGENDS : CENTER LEVEL GROUND LEVEL DESIGN LEVEL SIDE DRAIN GABION WALL MASONRY WALL										GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN Mtr. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.								

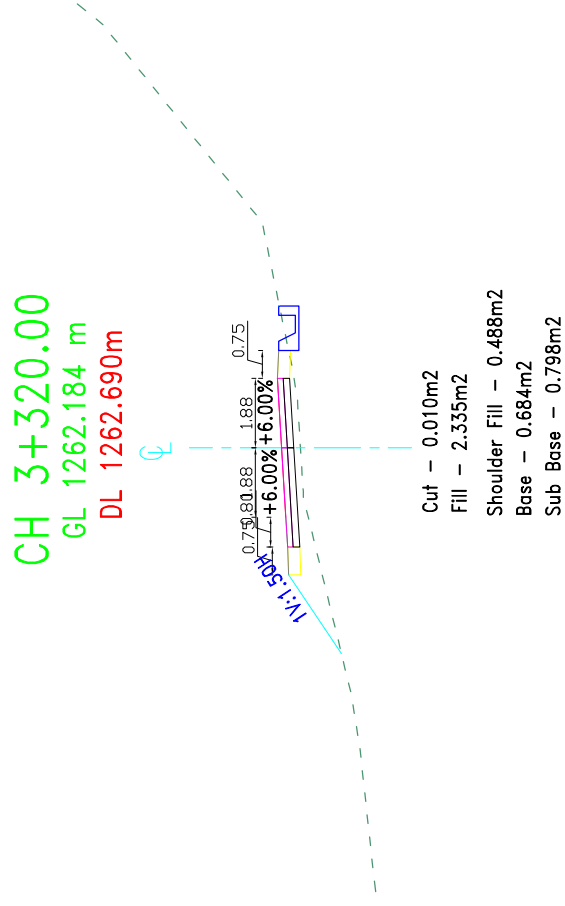
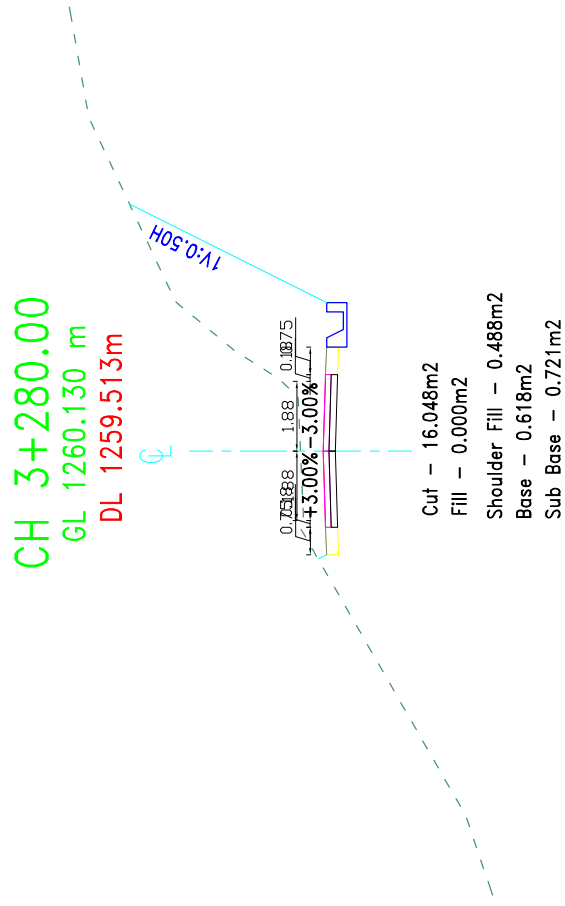
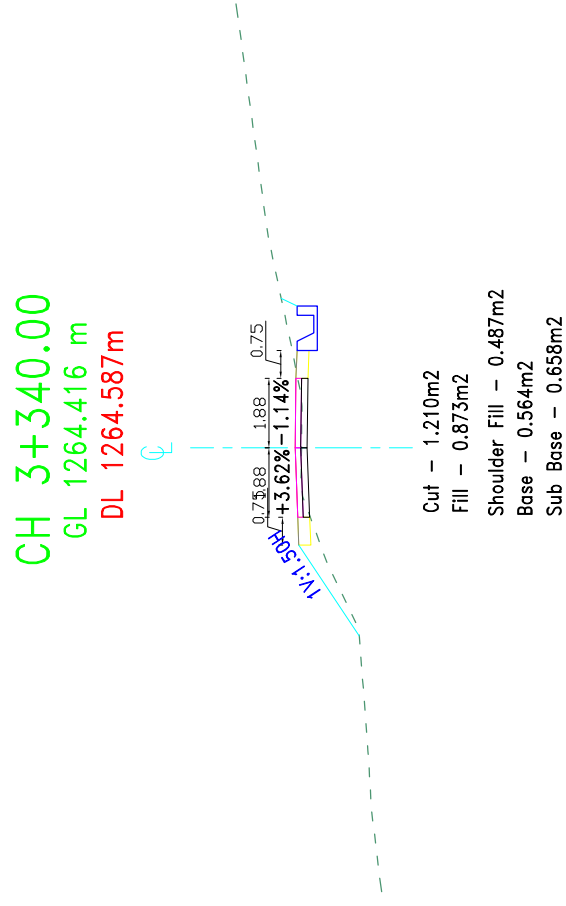
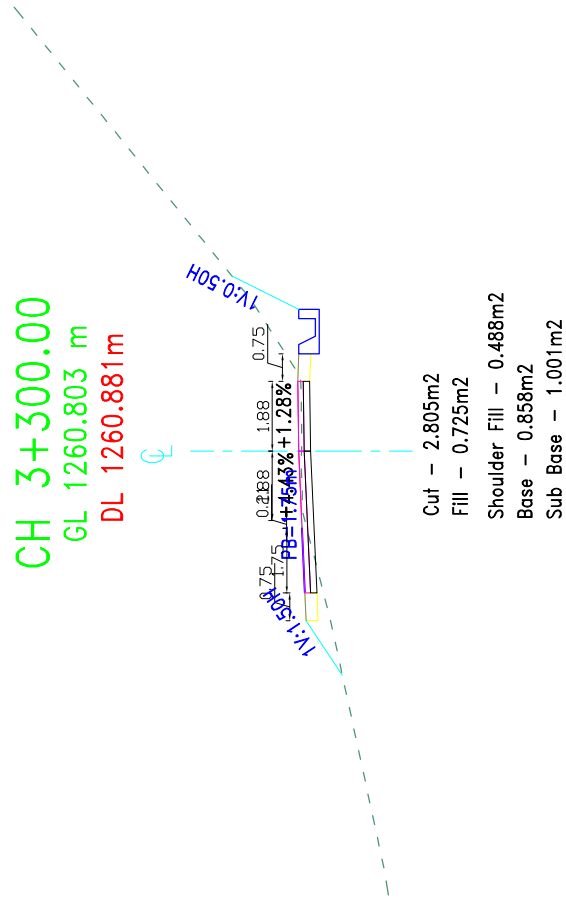


 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT	 BEAM - CEMECA - Jy SARPAJAJYTER CONSULTANT:	DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DOKRALI - SISRNET ROAD MADHAWAPUR, NEPAL PROJECT:	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY : NAME DESIGNATION SIGNATURE DATE	SCALE 1:200	Cross-Section CH 3+040.00-3+100.00	DATE: November, 2017 DRWG NO.: 3 SHEET No.: 39
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 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU	CONSULTANT:  BEAM - CEMEQA - Jv SANGRA, KATHMANDU	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GESI PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SISRNI ROAD MANAMGUR, NEPAL	DESIGNED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section	DATE: November, 2017	
			CHECKED BY :								DRWG NO.: 3
			RECOMMENDED BY :							CH 3+120.00-3+180.00	SHEET No.: 40
			APPROVED BY :								

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARWAL/ATP/18 PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MUNAWAPUR, NEPAL		CONSULTANT:		PROJECT:		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 41	
CH 3+220.00 GL 1255.838 m DL 1255.593m  Cut – 7.885m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.576m2 Sub Base – 0.672m2		CH 3+200.00 GL 1254.243 m DL 1254.286m  Cut – 3.463m2 Fill – 0.153m2 Shoulder Fill – 0.488m2 Base – 0.564m2 Sub Base – 0.658m2		CH 3+260.00 GL 1258.805 m DL 1258.207m  Cut – 10.605m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.564m2 Sub Base – 0.658m2		CH 3+240.00 GL 1257.044 m DL 1256.900m  Cut – 7.365m2 Fill – 0.015m2 Shoulder Fill – 0.488m2 Base – 0.699m2 Sub Base – 0.816m2		SCALE 1:200		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 41							



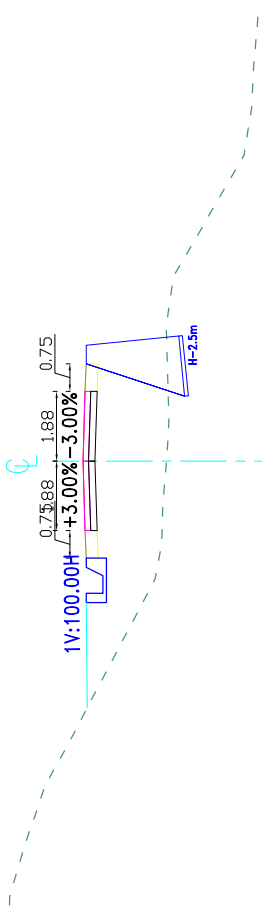
LEGENDS :		GENERAL NOTES :	
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- - - -	GROUND LEVEL		MASONRY WALL
- - - -	DESIGN LEVEL		
	SIDE DRAIN		

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU	 BEAM - CEMECA - Jy SANGRA, KATHMANDU	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IBS STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DUKHALI - SIKHARI ROAD KATHMANDU, NEPAL	DESIGNED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section	DATE: November, 2017		
			CHECKED BY :									DRAWG NO.: 3
			RECOMMENDED BY :									SHEET No.: 42
			APPROVED BY :									

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARWAL/ATP/18 PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GSI PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNERI ROAD MADANPURI, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION	SIGNATURE	DATE	SCALE		Cross-Section		DATE: November, 2017		
												1:200		CH 3+440.00-3+500.00		DRWG NO.: 3	
																SHEET No.: 44	

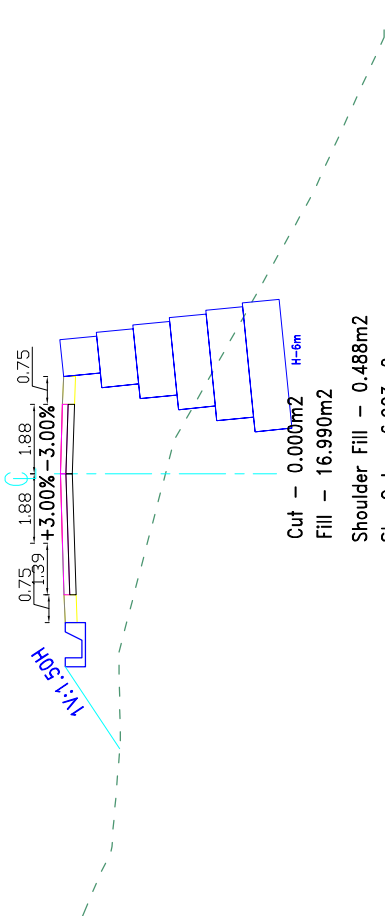
LEGENDS :		GENERAL NOTES :	
-----	CENTER LEVEL		GABION WALL
- - - -	GROUND LEVEL		MASONRY WALL
---	DESIGN LEVEL		
	SIDE DRAIN		

CH 3+460.00
GL 1272.997 m
DL 1275.254m



Cut – 0.000m2
Fill – 12.643m2
Shoulder Fill – 0.488m2
Str. Cut – 0.775m2
Back Fill – 0.065m2
Base – 0.564m2
Sub Base – 0.658m2

CH 3+480.00
GL 1274.074 m
DL 1276.913m



Cut – 0.000m2
Fill – 16.990m2
Shoulder Fill – 0.488m2
Str. Cut – 6.903m2
Back Fill – 1.170m2
Base – 0.773m2
Sub Base – 0.902m2

GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT	CEMCA - Jy SANJIVAJITPUR	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBRAULI - SUNNERI ROAD MANANGAPUR, NEPAL	CONSULTANT:	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section	DATE: November, 2017
										CH 3+620.00 GL 1283.452 m DL 1283.998m	CH 3+640.00 GL 1286.301 m DL 1286.381m
										Cut – 4.080m2 Fill – 3.145m2 Shoulder Fill – 0.488m2 Base – 0.659m2 Sub Base – 0.768m2	Cut – 5.890m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.797m2 Sub Base – 0.930m2
										LEGENDS : CENTER LEVEL GROUND LEVEL DESIGN LEVEL SIDE DRAIN GABION WALL MASONRY WALL	GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN MTR. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT REPRODUCTION	 BEAM - CEMECA - JV SURABH JAIN	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBRALI - SUNERI ROAD MADANPURI, NEPAL	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section	DATE: November, 2017
									DRWG NO.: 3
									SHEET No.: 47

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT	CONSULTANT:  BEAM - CEMECA - Jy SARDALJA, Jy SARDALJA, Jy PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GDSI PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNARI ROAD MUNAWAPUR, NEPAL	<table><tr><th>DESIGNED BY :</th><th>NAME</th><th>DESIGNATION</th><th>SIGNATURE</th><th>DATE</th></tr><tr><td>CHECKED BY :</td><td></td><td></td><td></td><td></td></tr><tr><td>RECOMMENDED BY :</td><td></td><td></td><td></td><td></td></tr><tr><td>APPROVED BY :</td><td></td><td></td><td></td><td></td></tr></table>	DESIGNED BY :	NAME	DESIGNATION	SIGNATURE	DATE	CHECKED BY :					RECOMMENDED BY :					APPROVED BY :					SCALE 1:200	Cross-Section	DATE: November, 2017
			DESIGNED BY :	NAME	DESIGNATION	SIGNATURE	DATE																		
			CHECKED BY :																						
RECOMMENDED BY :																									
APPROVED BY :																									
DRWG NO.: 3																									
SHEET No.: 48																									

CH 3+780.00 GL 1300.549 m DL 1301.412m 1V:1.50H 1V:100.00H 0.75 1.88 1.86 0.75 +4.56% +0.90% Cut - 0.000m2 Fill - 3.905m2 Shoulder Fill - 0.487m2 Base - 0.681m2 Sub Base - 0.795m2						CH 3+820.00 GL 1304.447 m DL 1305.136m 1V:1.50H 1V:3.00% 0.75 1.88 1.86 0.75 +3.00% -3.00% Cut - 0.003m2 Fill - 4.698m2 Shoulder Fill - 0.488m2 Base - 0.860m2 Sub Base - 1.003m2					
CH 3+760.00 GL 1299.471 m DL 1299.766m 1V:1.50H 1V:3.00% 0.75 1.88 1.86 0.75 +3.00% -3.00% Cut - 0.468m2 Fill - 0.053m2 Shoulder Fill - 0.488m2 Base - 0.564m2 Sub Base - 0.658m2						CH 3+800.00 GL 1302.143 m DL 1303.073m 1V:1.50H 1V:0.50H 0.75 1.88 1.86 0.75 +5.09% +2.23% Cut - 0.480m2 Fill - 6.098m2 Shoulder Fill - 0.488m2 Base - 0.804m2 Sub Base - 0.938m2					

LEGENDS :

CENTER LEVEL

GROUND LEVEL

DESIGN LEVEL

SIDE DRAIN

CABON WALL

MASONRY WALL

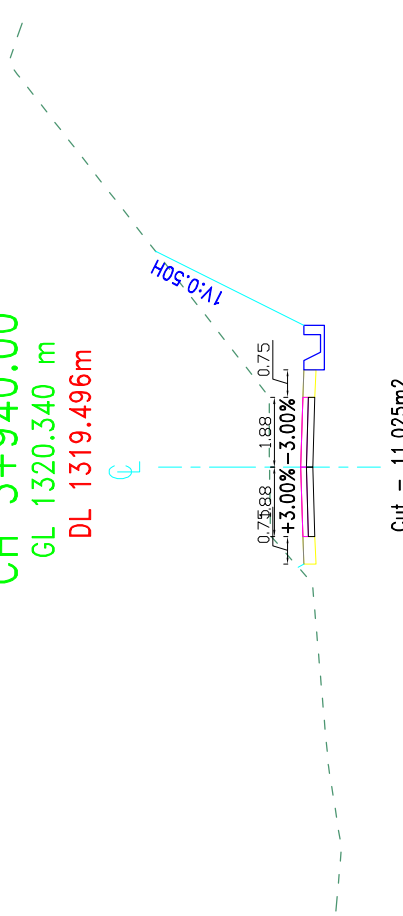
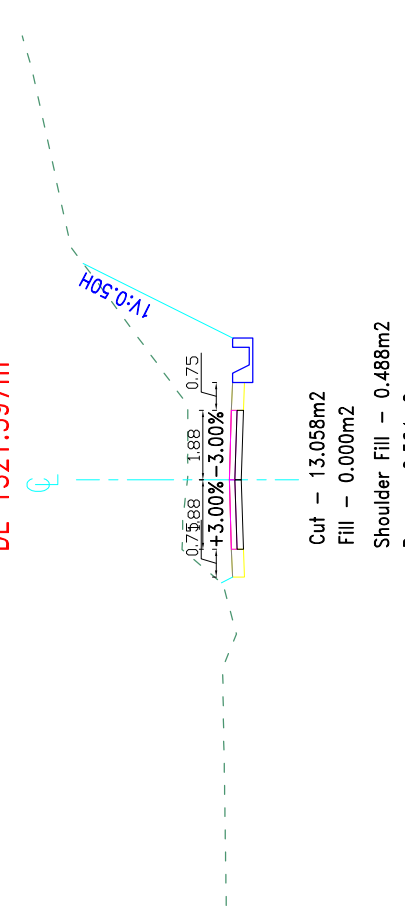
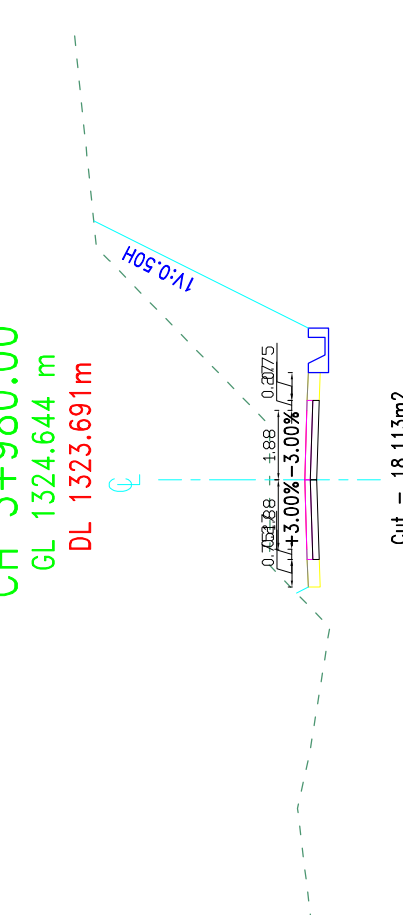
GENERAL NOTES :

1. ALL THE DIMENSIONS ARE IN MTR. UNLESS OTHERWISE MENTIONED.

2. DO NOT SCALE THE DRAWING.

[illegible]

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT	 BEAM - CEMECA - Jy SARDJALATHAR	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNERTI ROAD MADANPURI, NEPAL	CONSULTANT:	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section CH 3+920.00 – 3+980.00	DATE: November, 2017
				DRWG NO.: 3							
				SHEET No.: 50							

CH 3+940.00 GL 1320.340 m DL 1319.496m  Cut – 11.025m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.564m2 Sub Base – 0.658m2	CH 3+960.00 GL 1322.729 m DL 1321.597m  Cut – 13.058m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.564m2 Sub Base – 0.658m2	CH 3+980.00 GL 1324.644 m DL 1323.691m  Cut – 18.113m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.645m2 Sub Base – 0.753m2
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LEGENDS :

CENTER LEVEL

GROUND LEVEL

DESIGN LEVEL

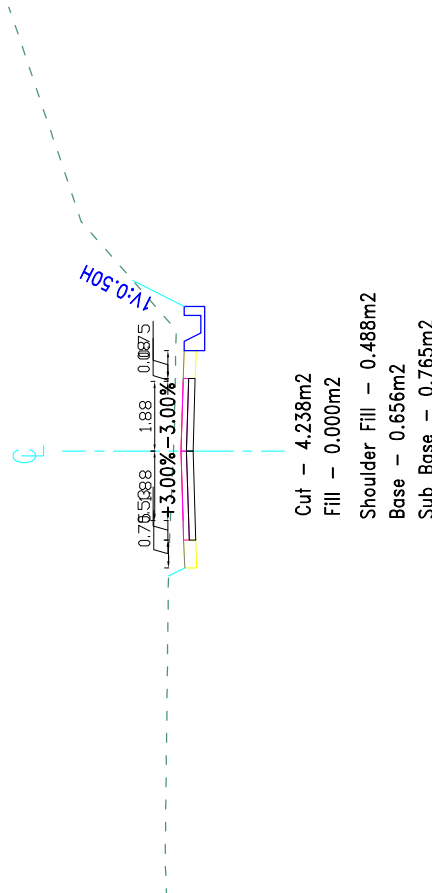
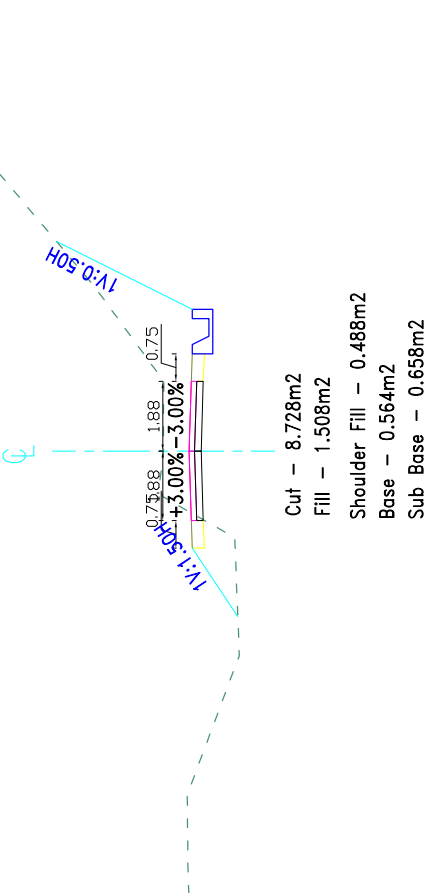
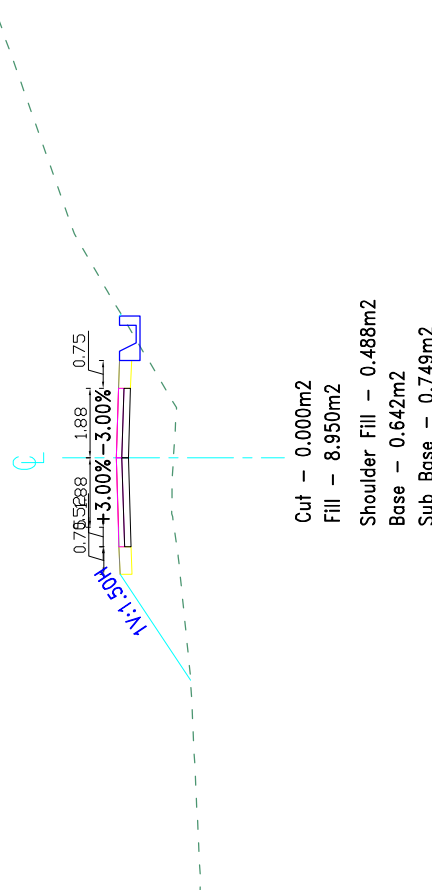
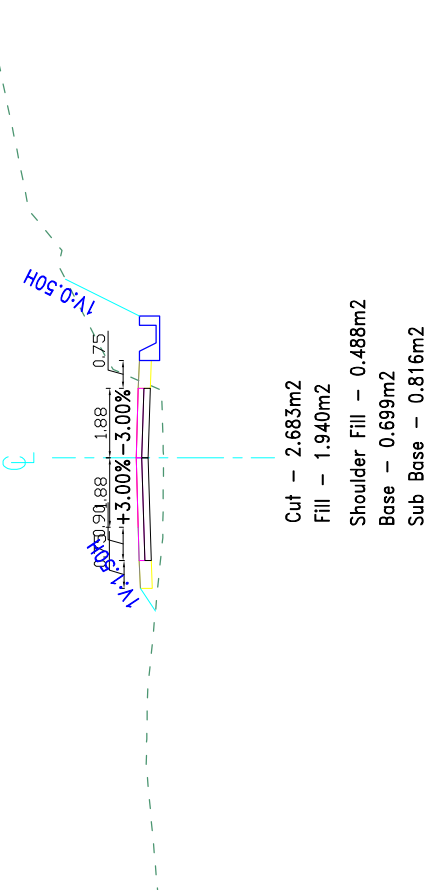
SIDE DRAIN

GABION WALL

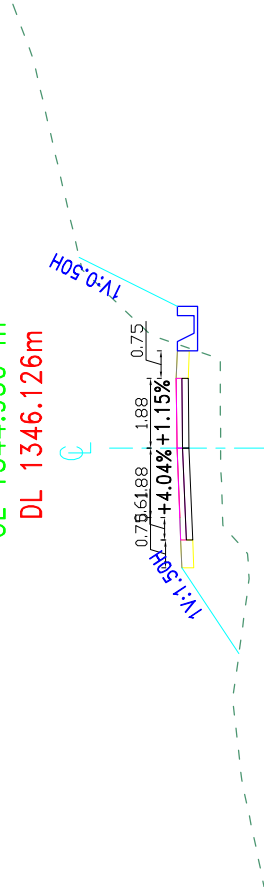
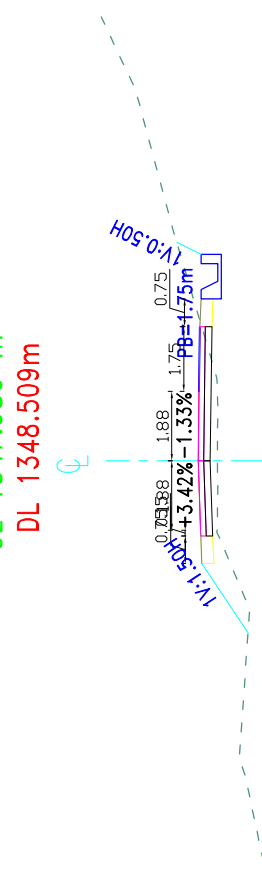
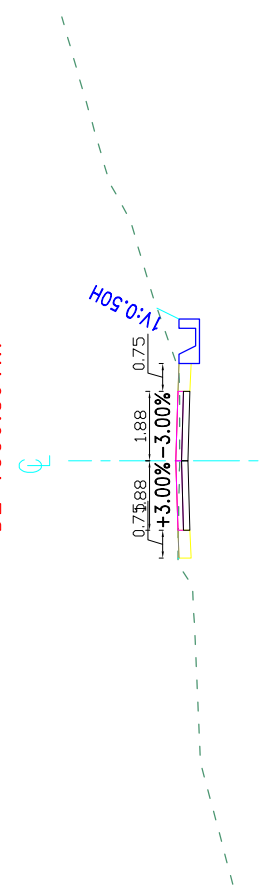
MASONRY WALL

GENERAL NOTES :

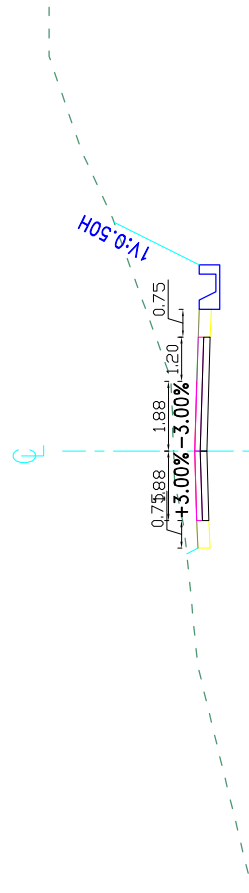
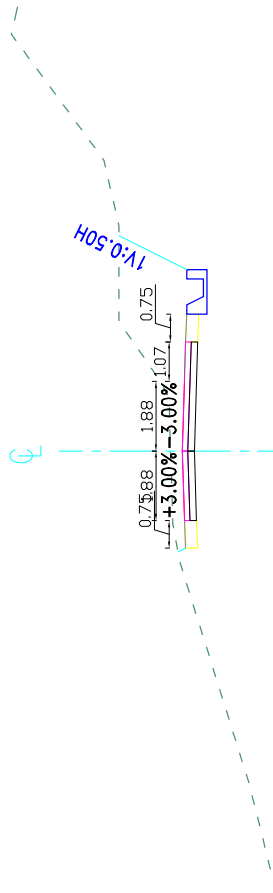
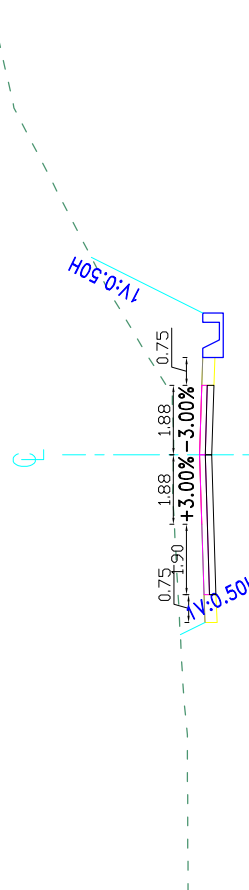
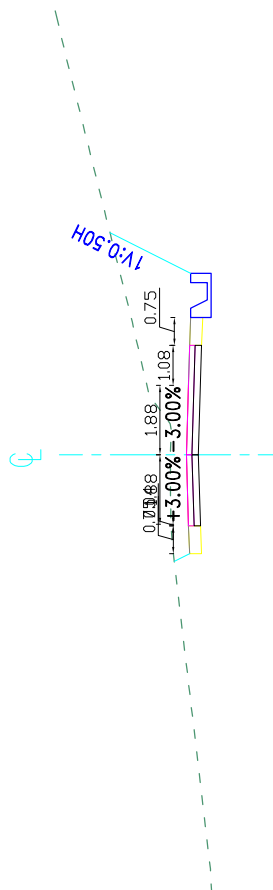
1. ALL THE DIMENSIONS ARE IN MTR.
UNLESS OTHERWISE MENTIONED.
2. DO NOT SCALE THE DRAWING.

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARPAJALPITHE PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNERI ROAD MUNAWAPUR, NEPAL		CONSULTANT: DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 51	
CH 4+020.00 GL 1328.084 m DL 1327.882m  Cut – 4.238m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.656m2 Sub Base – 0.765m2		CH 4+040.00 GL 1329.370 m DL 1330.107m  Cut – 2.683m2 Fill – 1.940m2 Shoulder Fill – 0.488m2 Base – 0.699m2 Sub Base – 0.816m2		CH 4+060.00 GL 1330.786 m DL 1332.331m  Cut – 0.000m2 Fill – 8.950m2 Shoulder Fill – 0.488m2 Base – 0.642m2 Sub Base – 0.749m2		CH 4+000.00 GL 1326.479 m DL 1325.785m  Cut – 8.728m2 Fill – 1.508m2 Shoulder Fill – 0.488m2 Base – 0.564m2 Sub Base – 0.658m2		SCALE 1:200							

GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT RUPAKSHAR CAMPUS	BEAM - CEMECA - Jy SANDEEP KUMAR	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE BEE STUDY AND GSI PLAN OF BHIMPEDI - BOGATE - IPA DUDITALI - SONERI ROAD MANANGPUR, NEPAL	CONSULTANT:	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section CH 4+080.00 – 4+140.00	DATE: November, 2017
										DRWG NO.: 3
										SHEET No.: 52
CH 4+100.00 GL 1334.726 m DL 1336.780m Cut – 0.000m² Fill – 12.158m² Shoulder Fill – 0.488m² Base – 0.567m² Sub Base – 0.662m² CH 4+120.00 GL 1336.546 m DL 1339.005m Cut – 0.000m² Fill – 18.718m² Shoulder Fill – 0.488m² Base – 0.632m² Sub Base – 0.737m² CH 4+140.00 GL 1338.919 m DL 1341.361m Cut – 0.000m² Fill – 16.273m² Shoulder Fill – 0.488m² Base – 0.564m² Sub Base – 0.658m² LEGENDS : CENTER LEVEL GROUND LEVEL DESIGN LEVEL SIDE DRAIN GABION WALL MASONRY WALL GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN Mtr. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.										

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARDALPITHE PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBRALI - SUNNERI ROAD MADANPURI, NEPAL		CONSULTANT:		PROJECT:		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 53	
CH 4+180.00 GL 1344.950 m DL 1346.126m  Cut – 2.145m2 Fill – 7.493m2 Shoulder Fill – 0.487m2 Base – 0.656m2 Sub Base – 0.765m2		CH 4+200.00 GL 1347.986 m DL 1348.509m  Cut – 0.955m2 Fill – 1.865m2 Shoulder Fill – 0.488m2 Base – 0.849m2 Sub Base – 0.991m2		CH 4+220.00 GL 1350.793 m DL 1350.891m  Cut – 1.780m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.564m2 Sub Base – 0.658m2		SCALE 1:200		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 53									

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU  BEAM - CEMCA - Jy SARDJA THIRU CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GDSI PLAN OF BHIMPHEDI - BOGATE - IPA DUDULI - SUNERI ROAD KATHMANDU, NEPAL	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY : NAME DESIGNATION SIGNATURE DATE				SCALE 1:200 Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 55
	CH 4+340.00 GL 1366.521 m DL 1365.070m CH 4+320.00 GL 1364.699 m DL 1362.804m CH 4+380.00 GL 1368.093 m DL 1367.056m LEGENDS : CENTER LEVEL GROUND LEVEL DESIGN LEVEL SIDE DRAIN CABON WALL MASONRY WALL GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN MTR. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.						

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - Jy SARDJALATHAR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBRALI - SUNNRI ROAD MADHAWPUR, NEPAL		CONSULTANT:		PROJECT:		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 56	
CH 4+420.00 GL 1369.329 m DL 1368.755m  Cut – 9.705m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.744m2 Sub Base – 0.868m2		CH 4+400.00 GL 1368.226 m DL 1367.905m  Cut – 8.975m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.725m2 Sub Base – 0.845m2		CH 4+420.00 GL 1372.036 m DL 1371.328m  Cut – 11.970m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.849m2 Sub Base – 0.991m2		CH 4+440.00 GL 1370.076 m DL 1369.647m  Cut – 10.170m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.732m2 Sub Base – 0.854m2		SCALE 1:200		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 56							

LEGENDS :

CENTER LEVEL

GROUND LEVEL

DESIGN LEVEL

SIDE DRAIN

GABION WALL

MASONRY WALL

GENERAL NOTES :

1. ALL THE DIMENSIONS ARE IN Mtr.
UNLESS OTHERWISE MENTIONED.
2. DO NOT SCALE THE DRAWING.

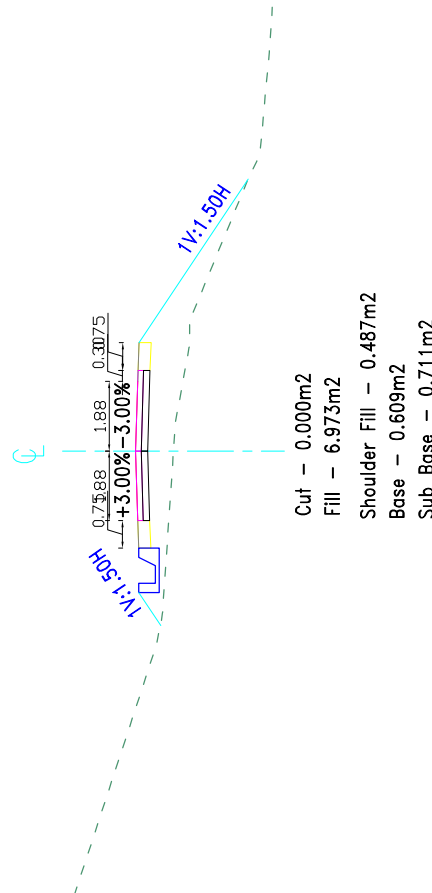
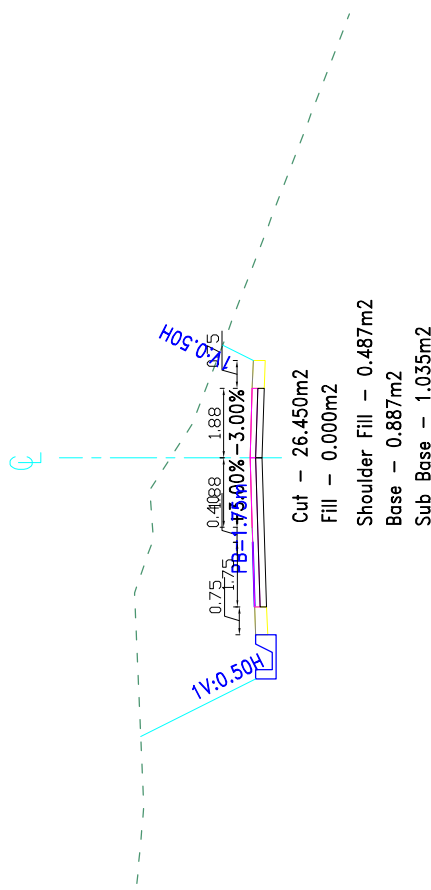
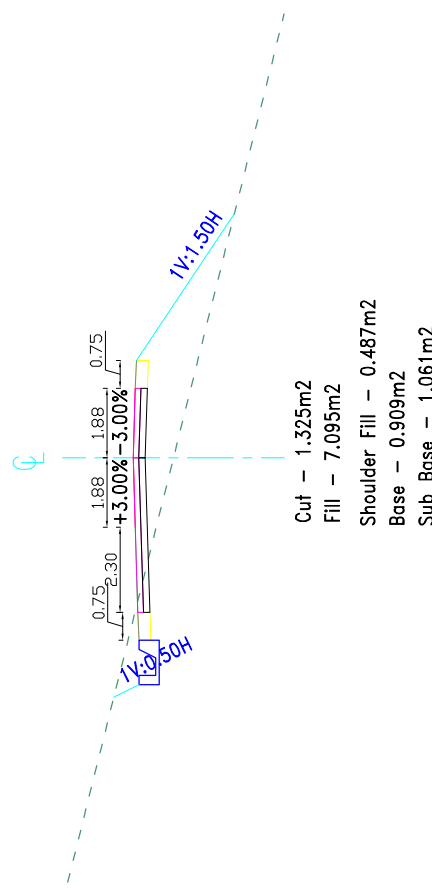
GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMICA - Jy SARPAJALPHE PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DUDURALI - SUNNERI ROAD MADANPURI, NEPAL		CONSULTANT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017		DRWG NO.: 3		SHEET No.: 57	
CH 4+500.00 GL 1375.431 m DL 1375.039m 1V:0.50H H=2.3m 0.75'1.29'1.88'1.88'0.75' +3.00%-3.00% Cut – 8.030m² Fill – 0.000m² Shoulder Fill – 0.487m² Base – 0.758m² Sub Base – 0.884m² CH 4+520.00 GL 1376.047 m DL 1376.701m 1V:0.50H H=1.8m 0.75'1.88'1.88'0.18'0.75' +3.00%-3.00% Cut – 1.740m² Fill – 1.460m² Shoulder Fill – 0.487m² Str. Cut – 0.913m² Back Fill – 0.178m² Base – 0.618m² Sub Base – 0.721m²																					

[illegible]

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU, NEPAL	 BEAM - CEMICA - Jy KATHMANDU, NEPAL	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCERNING STUDY AND COST PLAN OF BHEMPHEDI - BOGATE - IPA DUKALI - SUNNET ROAD KATHMANDU, NEPAL	CONSULTANT:	 BEAM - CEMICA - Jy KATHMANDU, NEPAL	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section CH 4+640.00-4+700.00	DATE: November, 2017
												DRWG NO.: 3
												SHEET No.: 59

[illegible]

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SP-002/2019/01/01	CONSULTANT:  BEAM - CEMECA - JV SARPAJALPITR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DURALI - SUNNERI ROAD MADANPURI, NEPAL	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section	DATE: November, 2017
									DRWG NO.: 3
									SHEET No.: 61

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARDJALPITR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNERI ROAD MADANPURI, NEPAL		CONSULTANT: DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME DESIGNATION SIGNATURE DATE		SCALE 1:200		Cross-Section CH 4+880.00-4+940.00		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 62	
CH 4+900.00 GL 1416.338 m DL 1417.363m  Cut - 0.000m2 Fill - 6.973m2 Shoulder Fill - 0.487m2 Base - 0.609m2 Sub Base - 0.711m2		CH 4+920.00 GL 1421.590 m DL 1419.437m  Cut - 26.450m2 Fill - 0.000m2 Shoulder Fill - 0.487m2 Base - 0.887m2 Sub Base - 1.035m2		CH 4+940.00 GL 1420.423 m DL 1421.511m  Cut - 1.325m2 Fill - 7.095m2 Shoulder Fill - 0.487m2 Base - 0.909m2 Sub Base - 1.061m2							

LEGENDS :

CENTER LEVEL

GROUND LEVEL

DESIGN LEVEL

SIDE DRAIN

CABON WALL

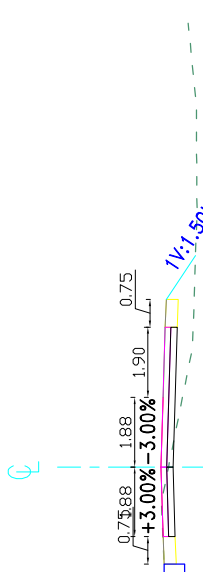
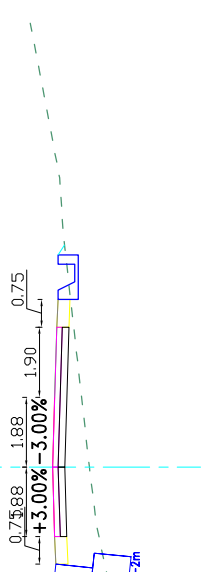
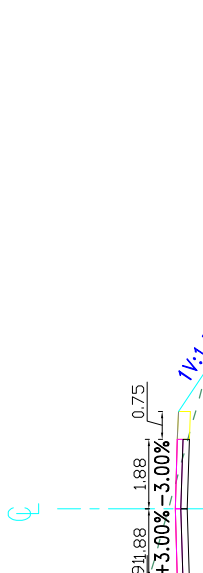
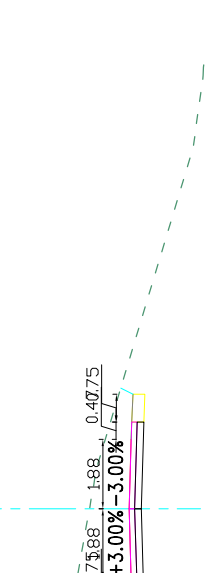
MASONRY WALL

GENERAL NOTES :

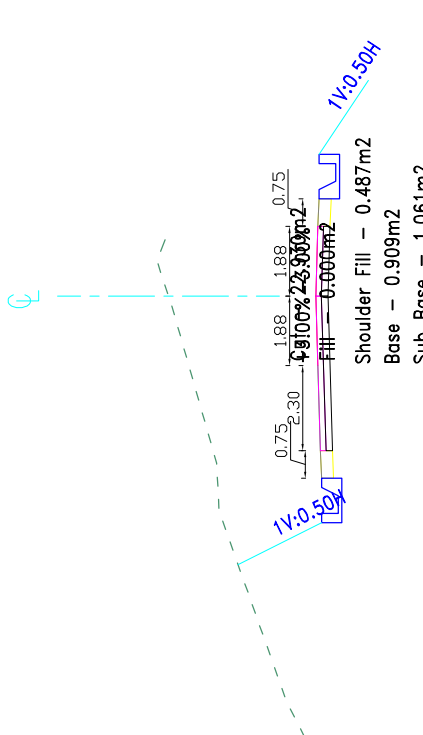
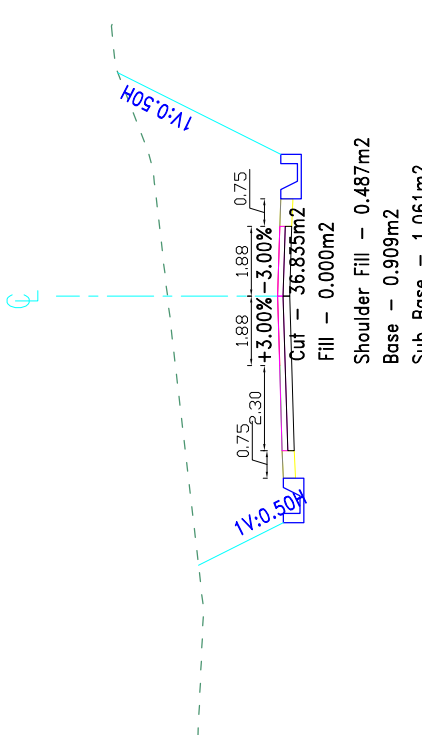
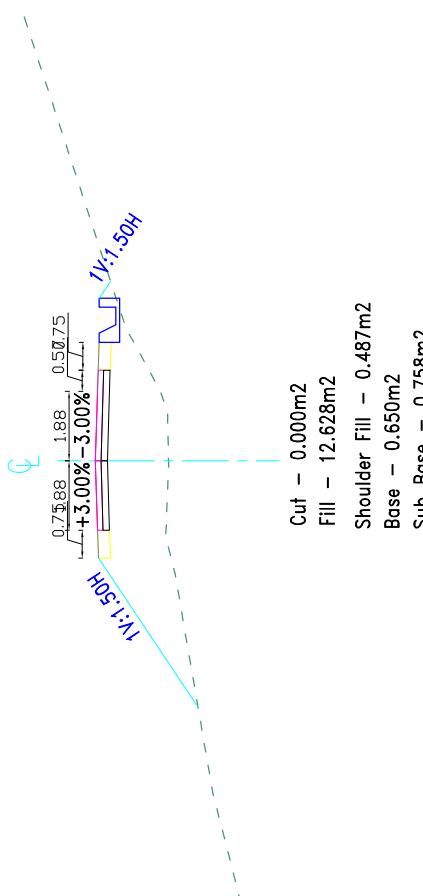
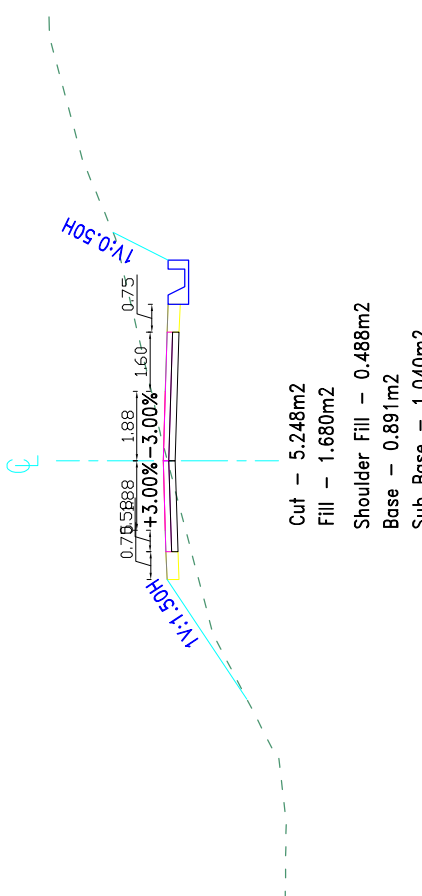
1. ALL THE DIMENSIONS ARE IN Mtr.
UNLESS OTHERWISE MENTIONED.

2. DO NOT SCALE THE DRAWING.

[illegible]

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARDALAJITHAR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GESI PLAN OF BHIMPHEDI - BOGATE - IPA DUDURALI - SUNNERI ROAD MADANPURI, NEPAL		CONSULTANT:		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 64	
CH 5+060.00 GL 1422.160 m DL 1422.362m  Cut – 0.805m2 Fill – 1.548m2 Shoulder Fill – 0.487m2 Base – 0.849m2 Sub Base – 0.991m2		CH 5+040.00 GL 1419.963 m DL 1420.958m  Cut – 0.003m2 Fill – 3.645m2 Shoulder Fill – 0.487m2 Sir. Cut – 0.808m2 Back Fill – 0.013m2 Base – 0.849m2 Sub Base – 0.991m2		CH 5+100.00 GL 1427.319 m DL 1427.136m  Cut – 6.018m2 Fill – 0.315m2 Shoulder Fill – 0.487m2 Base – 0.701m2 Sub Base – 0.817m2		CH 5+080.00 GL 1425.822 m DL 1424.749m  Cut – 10.833m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.635m2 Sub Base – 0.740m2		GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN Mtr. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.		LEGENDS : CENTER LEVEL GROUND LEVEL DESIGN LEVEL SIDE DRAIN GABION WALL MASONRY WALL									

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT	 BEAM - CEMECA - JV SARADIAJAPUR	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNERI ROAD MUNAWPUR, NEPAL	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME	DESIGNATION	SIGNATURE	DATE	SCALE	Cross-Section	DATE: November, 2017	
										1:200	CH 5+120.00-5+180.00	DRWG NO.: 3
												SHEET No. : 65

CH 5+140.00 GL 1435.787 m DL 1431.804m  Cut – 0.000m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.909m2 Sub Base – 1.061m2	CH 5+160.00 GL 1432.499 m DL 1432.614m  Cut – 56.835m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.909m2 Sub Base – 1.061m2
CH 5+180.00 GL 1430.977 m DL 1432.953m  Cut – 0.000m2 Fill – 12.628m2 Shoulder Fill – 0.487m2 Base – 0.650m2 Sub Base – 0.758m2	CH 5+120.00 GL 1432.500 m DL 1429.523m  Cut – 5.248m2 Fill – 1.680m2 Shoulder Fill – 0.488m2 Base – 0.891m2 Sub Base – 1.040m2

GENERAL NOTES :

1. ALL THE DIMENSIONS ARE IN MTR.
UNLESS OTHERWISE MENTIONED.
2. DO NOT SCALE THE DRAWING.

LEGENDS :

CENTER LEVEL

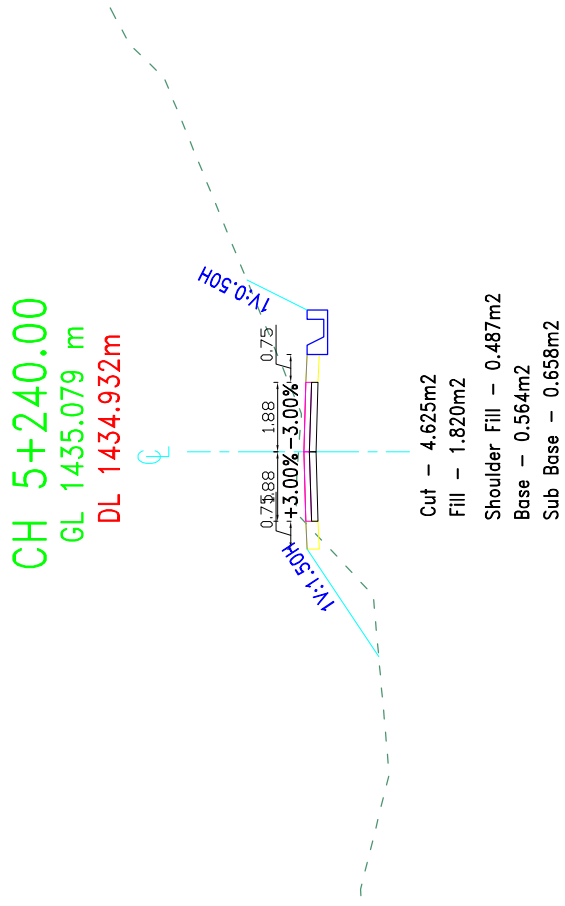
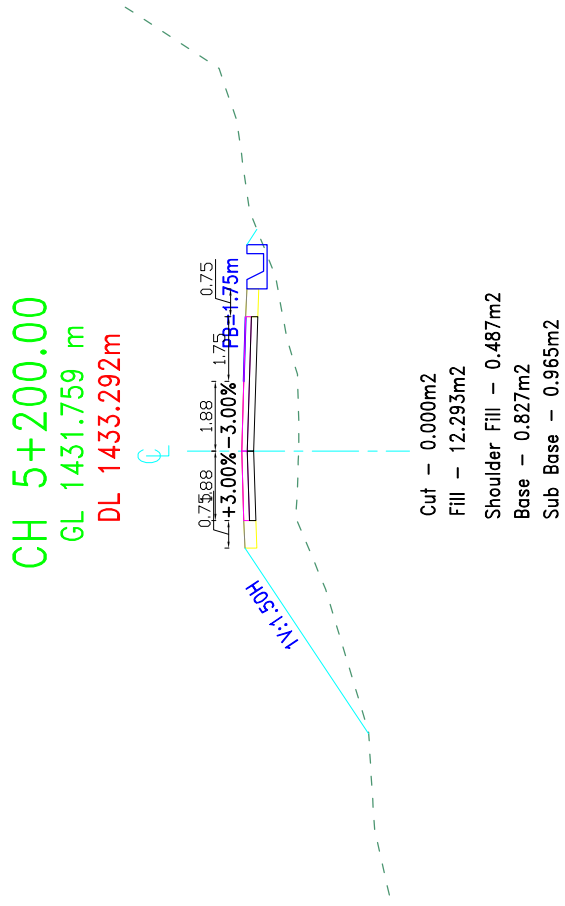
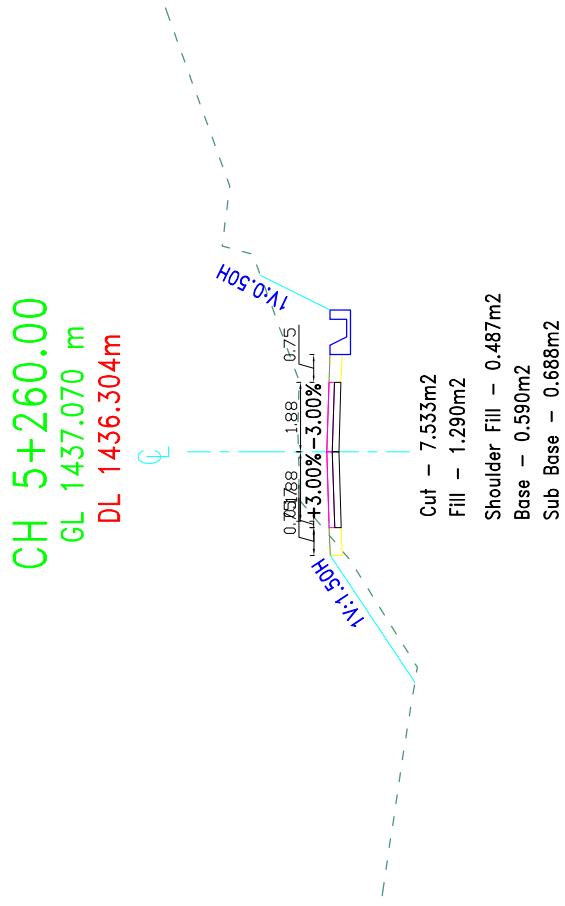
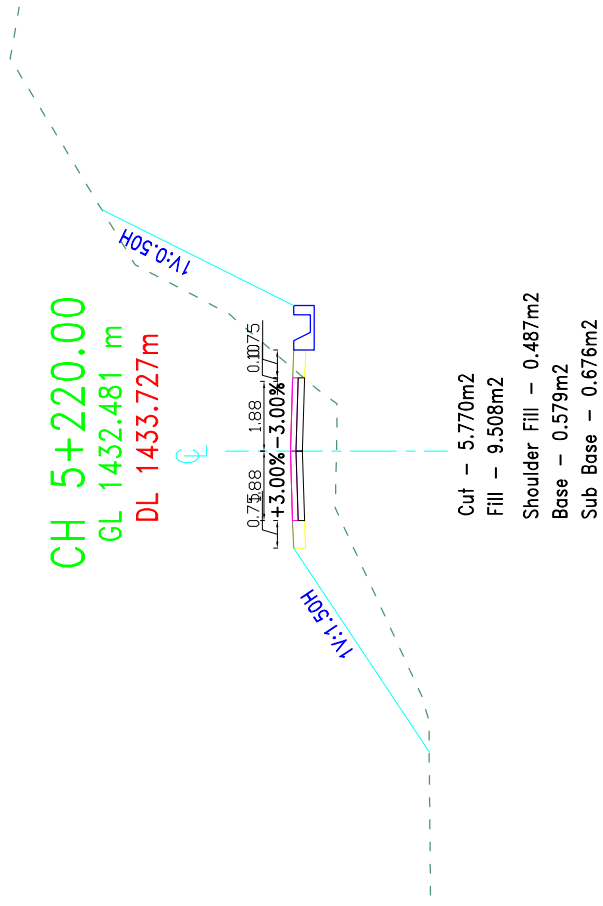
GROUND LEVEL

DESIGN LEVEL

SIDE DRAIN

CABON WALL

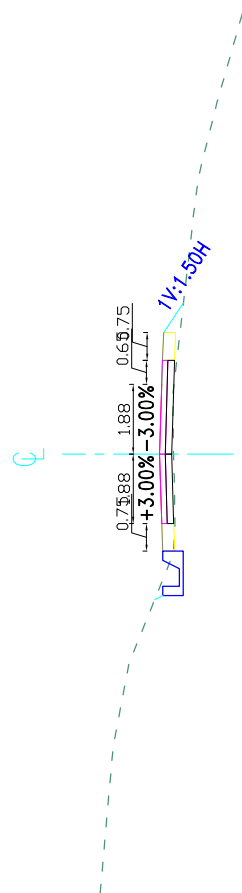
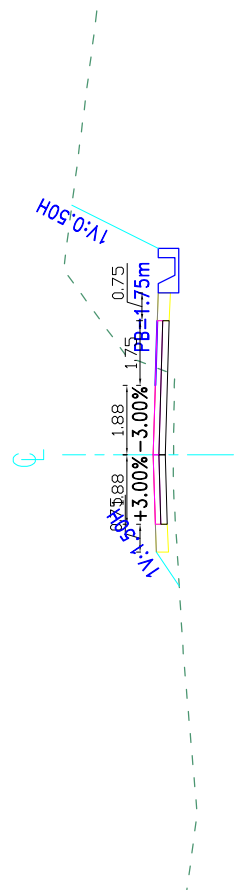
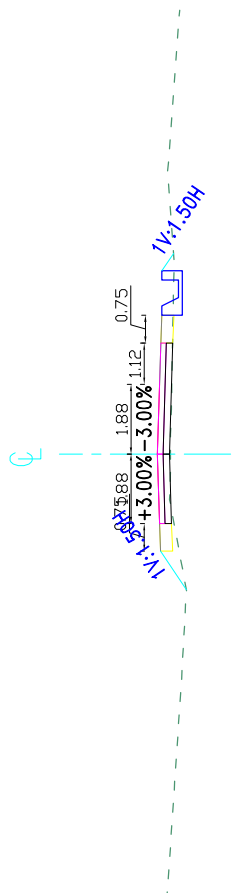
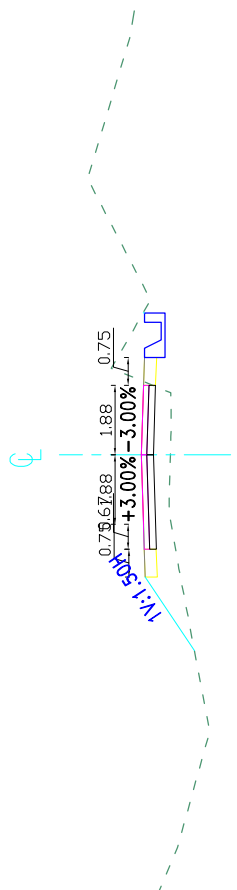
MASONRY WALL

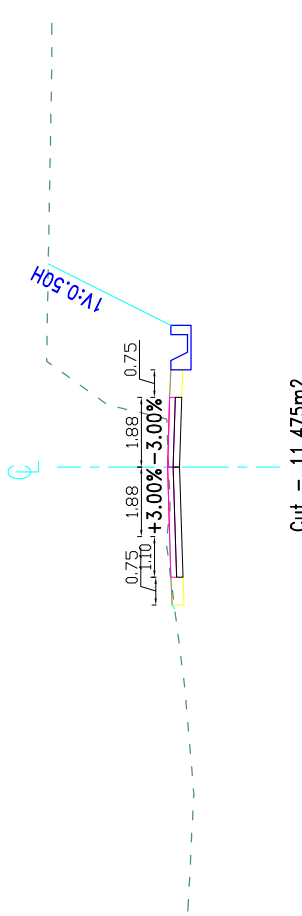
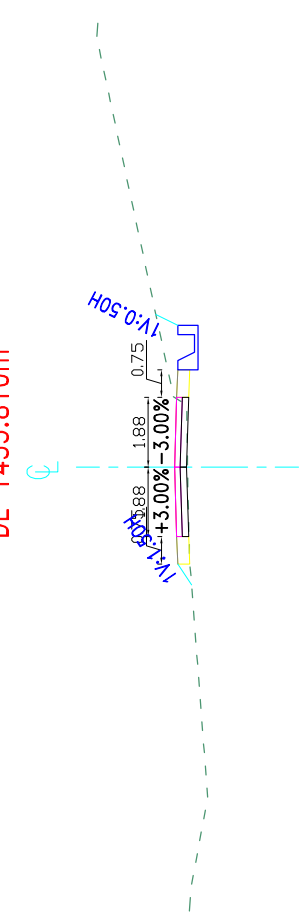
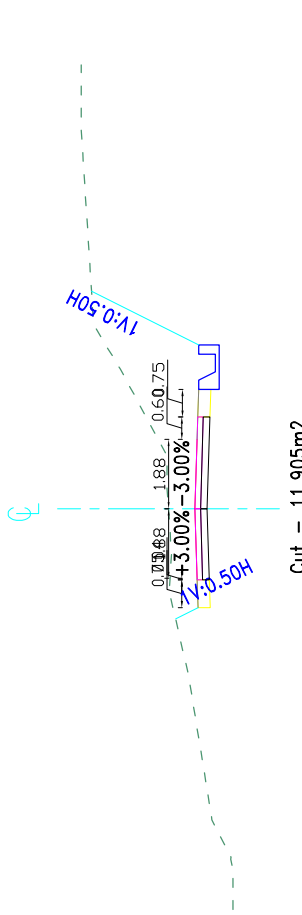


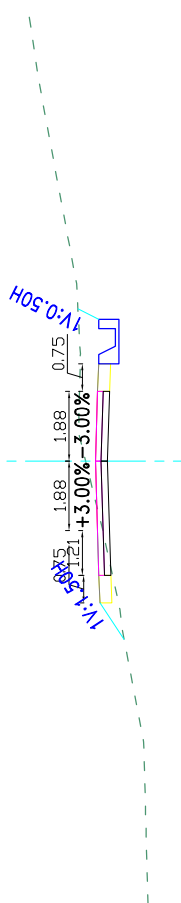
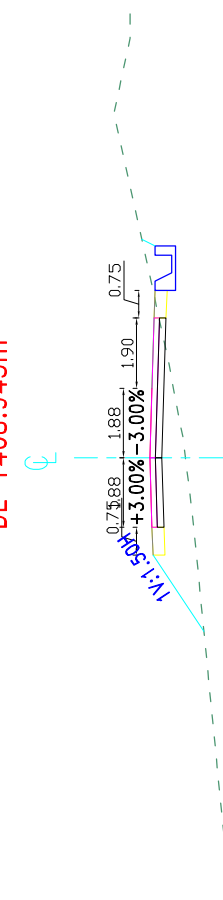
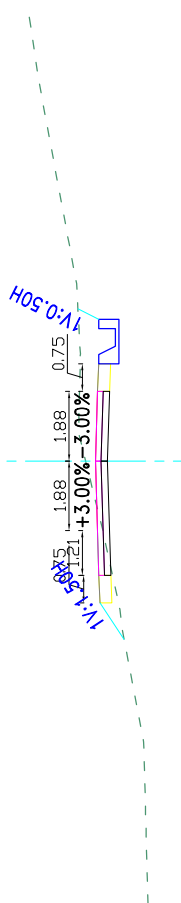
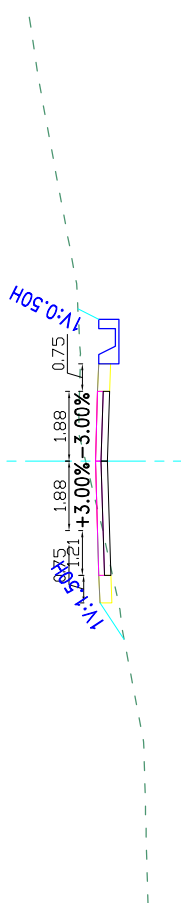
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SUSPENSE/CLAUSTRAL	 BEAM - CEMECA - Jy BARDEGAJALATHAR	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE EEE STUDY AND GSI PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SINNERI ROAD MANAMGUR, NEPAL							SCALE 1:200	Cross-Section CH 5+200.00-5+260.00	DATE: November, 2017
			DESIGNED BY :								DRWG NO.: 3
			CHECKED BY :								
			RECOMMENDED BY :								
			APPROVED BY :								SHEET No. : 66

[illegible]

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT	CONSULTANT:  BEAM - CEMECA - Jy SARPAJALIMTIR	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNERI ROAD MUNAWAPUR, NEPAL	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section	DATE: November, 2017	DRWG NO.: 3	SHEET No.: 68
									LEGENDS : CENTER LEVEL GROUND LEVEL DESIGN LEVEL SIDE DRAIN GABION WALL MASONRY WALL			
GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN MTR. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.												

CH 5+380.00 GL 1448.247 m DL 1448.622m  Cut – 0.058m2 Fill – 0.405m2 Shoulder Fill – 0.487m2 Base – 0.662m2 Sub Base – 0.772m2	CH 5+420.00 GL 1452.866 m DL 1453.414m  Cut – 7.643m2 Fill – 1.285m2 Shoulder Fill – 0.487m2 Base – 0.827m2 Sub Base – 0.965m2
CH 5+360.00 GL 1445.873 m DL 1446.226m  Cut – 0.003m2 Fill – 0.490m2 Shoulder Fill – 0.487m2 Base – 0.732m2 Sub Base – 0.854m2	CH 5+400.00 GL 1450.232 m DL 1451.018m  Cut – 1.080m2 Fill – 3.303m2 Shoulder Fill – 0.487m2 Base – 0.665m2 Sub Base – 0.775m2

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARDARJATTAR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNERT ROAD MADANPURI, NEPAL		CONSULTANT:		PROJECT:		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 69	
CH 5+460.00 GL 1458.182 m DL 1458.206m  Cut – 11.475m2 Fill – 0.003m2 Shoulder Fill – 0.487m2 Base – 0.729m2 Sub Base – 0.851m2		CH 5+480.00 GL 1461.015 m DL 1460.602m  Cut – 6.410m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.744m2 Sub Base – 0.868m2		CH 5+500.00 GL 1463.682 m DL 1462.966m  Cut – 11.905m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.660m2 Sub Base – 0.770m2		CH 5+440.00 – 5+500.00		SCALE 1:200		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 69							

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SPR00000410000  BEAM - CEMCA - Jy SARDAJALATHAR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNERI ROAD MADANPURI, NEPAL DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY : NAME DESIGNATION SIGNATURE DATE SCALE Cross-Section DATE: November, 2017 DRWG NO.: 3 SHEET No.: 70										CH 5+540.00 GL 1467.247 m DL 1466.978m  Cut – 3.555m2 Fill – 0.333m2 Shoulder Fill – 0.487m2 Base – 0.746m2 Sub Base – 0.870m2 CH 5+560.00 GL 1467.981 m DL 1468.945m  Cut – 0.550m2 Fill – 4.283m2 Shoulder Fill – 0.487m2 Base – 0.849m2 Sub Base – 0.991m2 CH 5+520.00 GL 1465.458 m DL 1465.012m  Cut – 7.158m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.849m2 Sub Base – 0.991m2 CH 5+580.00 GL 1472.605 m DL 1470.893m  Cut – 15.540m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.849m2 Sub Base – 0.991m2 LEGENDS : CENTER LEVEL GROUND LEVEL DESIGN LEVEL SIDE DRAIN CABON WALL MASONRY WALL GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN Mtr. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.									
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 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SP000004100000		 BEAM - CEMCA - Jy SARDALAJITHAR CONSULTANT:		 DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GESI PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL PROJECT:		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY : NAME DESIGNATION SIGNATURE DATE				SCALE 1:200	Cross-Section	DATE: November, 2017 DRWG NO.: 3 SHEET No.: 72
CH 5+700.00 GL 1476.950 m DL 1477.707m 1V:0.50H 0.75 1.88 +3.00%-3.00% H=3m Cut - 4.893m2 Fill - 4.043m2 Shoulder Fill - 0.487m2 Sir. Cut - 6.500m2 Back Fill - 1.475m2 Base - 0.743m2 Sub Base - 0.866m2		CH 5+740.00 GL 1487.255 m DL 1482.500m 1V:1.50H 0.75 1.88 +3.00%-3.00% H=3m Cut - 34.455m2 Fill - 0.000m2 Shoulder Fill - 0.487m2 Base - 0.909m2 Sub Base - 1.061m2		CH 5+680.00 GL 1474.555 m DL 1475.311m 1V:0.50H 0.75 1.88 +3.00%-3.00% H=3m Cut - 2.188m2 Fill - 2.175m2 Shoulder Fill - 0.487m2 Sir. Cut - 2.430m2 Back Fill - 0.385m2 Base - 0.635m2 Sub Base - 0.740m2		CH 5+720.00 GL 1476.323 m DL 1480.104m 1V:1.50H 0.75 1.88 +3.00%-3.00% H=7m Cut - 0.000m2 Fill - 23.310m2 Shoulder Fill - 0.487m2 Sir. Cut - 7.543m2 Back Fill - 1.175m2 Base - 0.909m2 Sub Base - 1.061m2						

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - JV SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL										DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE	
SCALE										Cross-Section		DATE: November, 2017							
1:200										CH 5+760.00-5+820.00		DRWG NO.: 3							
												SHEET No.: 73							

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - JV SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE			
SCALE										Cross-Section		DATE: November, 2017	
1:200										CH 5+760.00-5+820.00		DRWG NO.: 3	
												SHEET No.: 73	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - JV SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE			
SCALE										Cross-Section		DATE: November, 2017	
1:200										CH 5+760.00-5+820.00		DRWG NO.: 3	
												SHEET No.: 73	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - JV SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE			
SCALE										Cross-Section		DATE: November, 2017	
1:200										CH 5+760.00-5+820.00		DRWG NO.: 3	
												SHEET No.: 73	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - JV SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE			
SCALE										Cross-Section		DATE: November, 2017	
1:200										CH 5+760.00-5+820.00		DRWG NO.: 3	
												SHEET No.: 73	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - JV SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE			
SCALE										Cross-Section		DATE: November, 2017	
1:200										CH 5+760.00-5+820.00		DRWG NO.: 3	
												SHEET No.: 73	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - JV SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE			
SCALE										Cross-Section		DATE: November, 2017	
1:200										CH 5+760.00-5+820.00		DRWG NO.: 3	
												SHEET No.: 73	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - JV SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE			
SCALE										Cross-Section		DATE: November, 2017	
1:200										CH 5+760.00-5+820.00		DRWG NO.: 3	
												SHEET No.: 73	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - JV SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE			
SCALE										Cross-Section		DATE: November, 2017	
1:200										CH 5+760.00-5+820.00		DRWG NO.: 3	
												SHEET No.: 73	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - JV SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE			
SCALE										Cross-Section		DATE: November, 2017	
1:200										CH 5+760.00-5+820.00		DRWG NO.: 3	
												SHEET No.: 73	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - JV SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE			
SCALE										Cross-Section		DATE: November, 2017	
1:200										CH 5+760.00-5+820.00		DRWG NO.: 3	
												SHEET No.: 73	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - JV SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE			
SCALE										Cross-Section		DATE: November, 2017	
1:200										CH 5+760.00-5+820.00		DRWG NO.: 3	
												SHEET No.: 73	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - JV SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE			
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1:200										CH 5+760.00-5+820.00		DRWG NO.: 3	
												SHEET No.: 73	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - JV SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE			
SCALE										Cross-Section		DATE: November, 2017	
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 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - JV SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE			
SCALE										Cross-Section		DATE: November, 2017	
1:200										CH 5+760.00-5+820.00		DRWG NO.: 3	
												SHEET No.: 73	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - JV SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE			
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												SHEET No.: 73	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - JV SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE			
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 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - JV SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE			
SCALE										Cross-Section		DATE: November, 2017	
1:200										CH 5+760.00-5+820.00		DRWG NO.: 3	
												SHEET No.: 73	

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SCALE										Cross-Section		DATE: November, 2017	
1:200										CH 5+760.00-5+820.00		DRWG NO.: 3	
												SHEET No.: 73	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - JV SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE			
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												SHEET No.: 73	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - JV SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE			
SCALE										Cross-Section		DATE: November, 2017	
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												SHEET No.: 73	

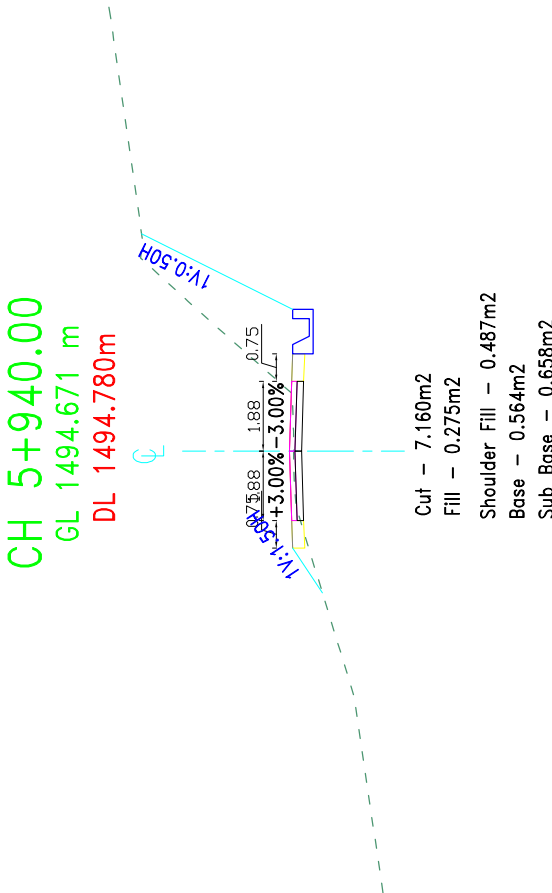
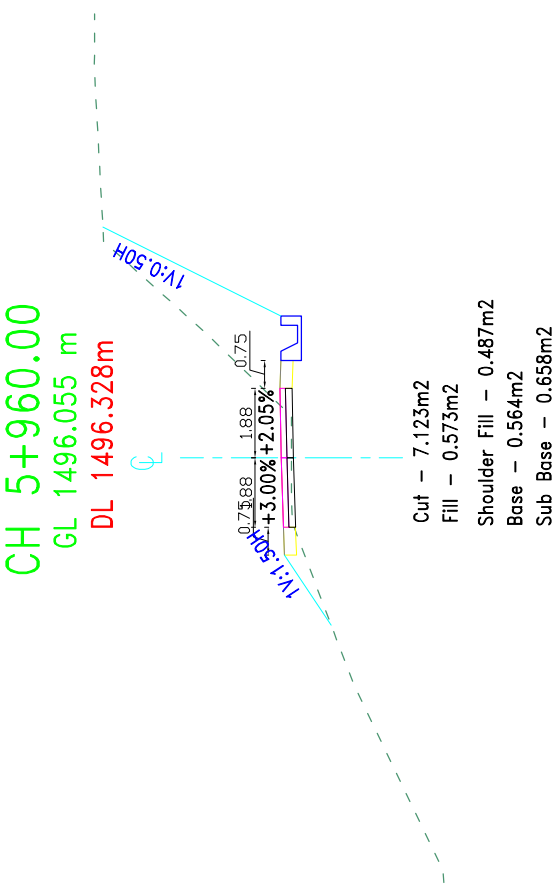
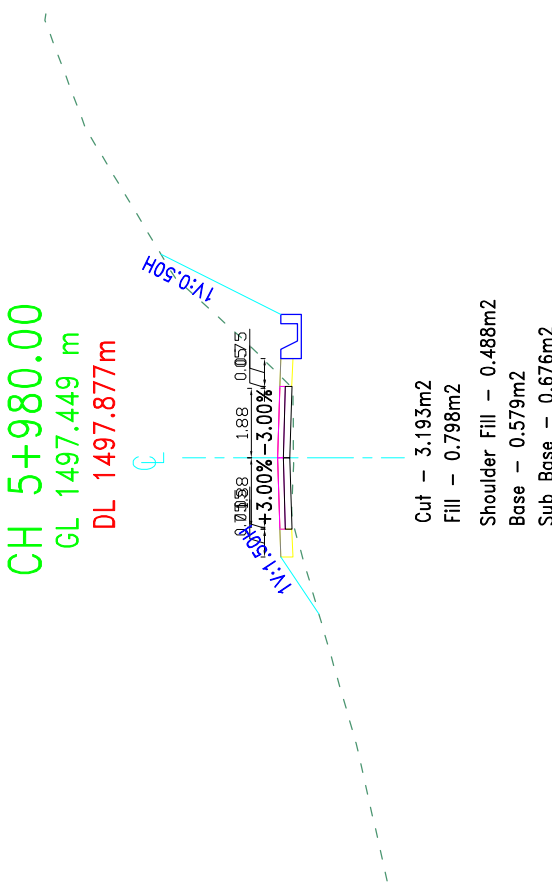
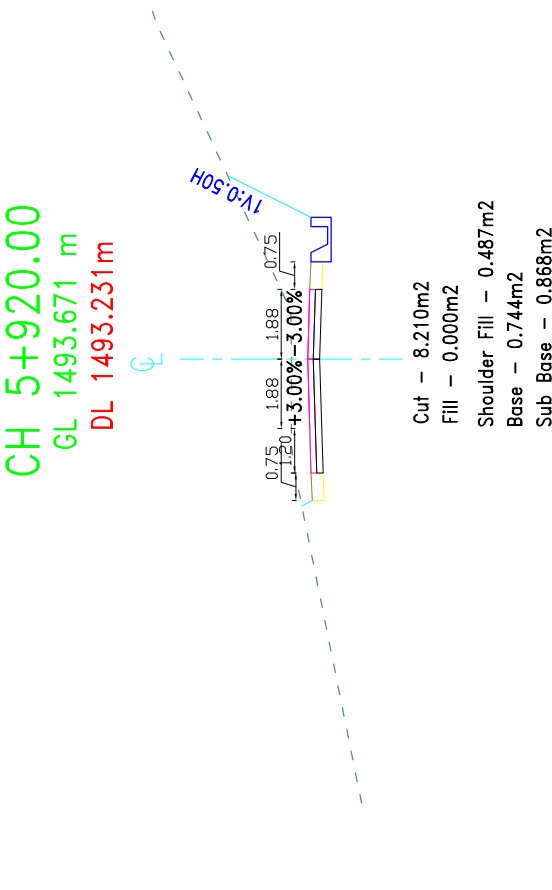
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - JV SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE			
SCALE										Cross-Section		DATE: November, 2017	
1:200										CH 5+760.00-5+820.00		DRWG NO.: 3	
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 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - JV SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE			
SCALE										Cross-Section		DATE: November, 2017	
1:200										CH 5+760.00-5+820.00		DRWG NO.: 3	
												SHEET No.: 73	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - JV SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE			
SCALE										Cross-Section		DATE: November, 2017	
1:200										CH 5+760.00-5+820.00		DRWG NO.: 3	
												SHEET No.: 73	

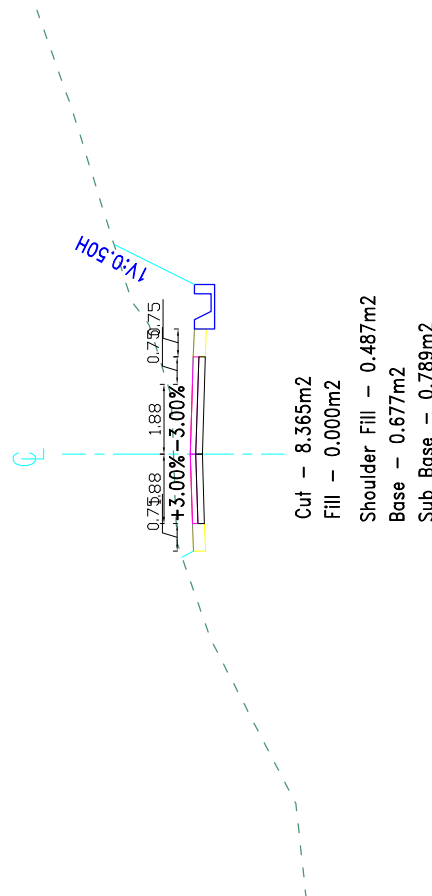
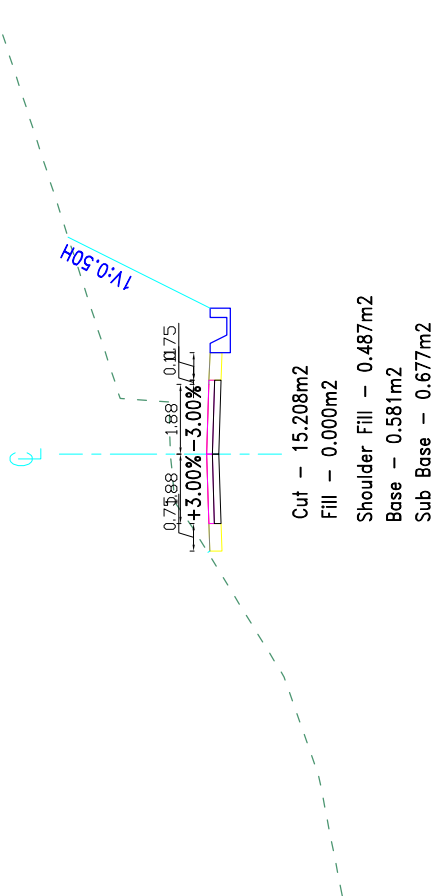
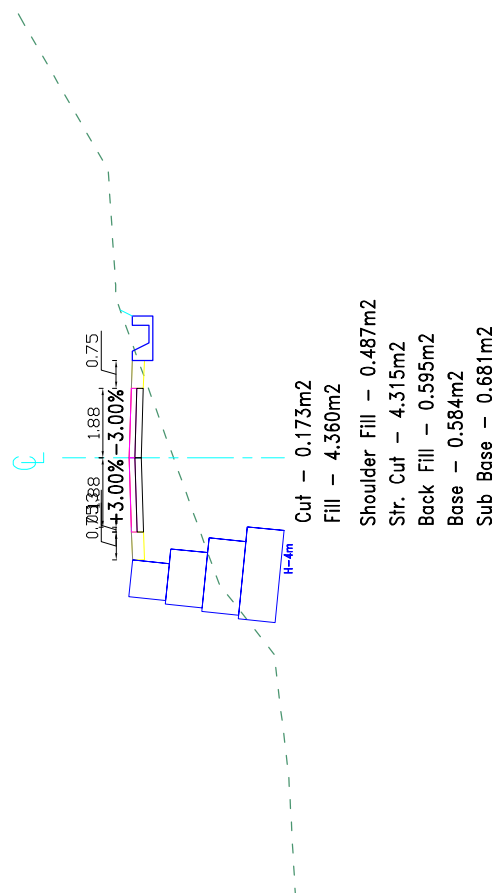
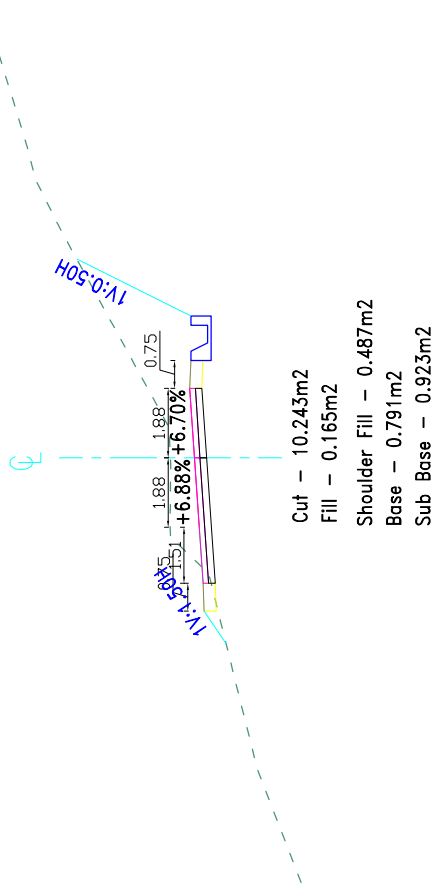
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - JV SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	
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GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SUPEROFFICIAL SECRETARY BEAM - CEMCA - Jy SANJAY RAJARWAR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DHURALI - SUNNARI ROAD MUNAWAPUR, NEPAL CONSULTANT: DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY : NAME DATE DATETIME SIGNATURE DESIGNATION SCALE Cross-Section CH 5+840.00-5+900.00 DATE: November, 2017 DRWG NO.: 3 SHEET No.: 74							CH 5+860.00 GL 1489.133 m DL 1488.585m Cut – 22.748m2 Fill – 0.003m2 Shoulder Fill – 0.487m2 Base – 0.744m2 Sub Base – 0.868m2 CH 5+840.00 GL 1486.669 m DL 1487.036m Cut – 7.628m2 Fill – 1.030m2 Shoulder Fill – 0.487m2 Sir. Cut – 4.313m2 Back Fill – 1.198m2 Base – 0.564m2 Sub Base – 0.658m2 CH 5+900.00 GL 1492.508 m DL 1491.682m Cut – 10.470m2 Fill – 0.313m2 Shoulder Fill – 0.487m2 Base – 0.728m2 Sub Base – 0.849m2 CH 5+880.00 GL 1490.919 m DL 1490.134m Cut – 10.020m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.684m2 Sub Base – 0.798m2					
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 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARADIAJITR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MADANPURI, NEPAL		CONSULTANT:		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE		SCALE 1:200		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 75	
CH 5+940.00 GL 1494.671 m DL 1494.780m 		CH 5+960.00 GL 1496.055 m DL 1496.328m 		CH 5+980.00 GL 1497.449 m DL 1497.877m 		CH 5+920.00 GL 1493.671 m DL 1493.231m 													

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GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT	BEAM - CEMECA - Jy SARDAJALATHI	CONSULTANT:	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEDURALI - SUNNERI ROAD MADANPURI, NEPAL	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section	DATE: November, 2017
										CH 6+140.00 GL 1512.606 m DL 1511.823m	DRWG NO.: 3
										CH 6+120.00 GL 1509.556 m DL 1509.453m	SHEET No.: 77
										CH 6+100.00 GL 1507.105 m DL 1507.203m	
										CH 6+080.00 GL 1505.597 m DL 1505.577m	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SP/000001/000001		 BEAM - CEMCA - Jy SARDAJALATH		PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBRALI - SUNNARI ROAD MADANPURA, NEPAL		CONSULTANT: DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE		SCALE 1:200		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 78	
CH 6+180.00 GL 1517.017 m DL 1516.563m  Cut – 8.365m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.677m2 Sub Base – 0.789m2		CH 6+160.00 GL 1515.175 m DL 1514.193m  Cut – 15.208m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.581m2 Sub Base – 0.677m2		CH 6+220.00 GL 1520.106 m DL 1521.303m  Cut – 0.173m2 Fill – 4.360m2 Shoulder Fill – 0.487m2 Str. Cut – 4.315m2 Back Fill – 0.595m2 Base – 0.584m2 Sub Base – 0.681m2		CH 6+200.00 GL 1519.582 m DL 1518.933m  Cut – 10.243m2 Fill – 0.165m2 Shoulder Fill – 0.487m2 Base – 0.791m2 Sub Base – 0.923m2															

LEGENDS :

CENTER LEVEL

GROUND LEVEL

DESIGN LEVEL

SIDE DRAIN

GABION WALL

MASONRY WALL

GENERAL NOTES :

1. ALL THE DIMENSIONS ARE IN Mtr.

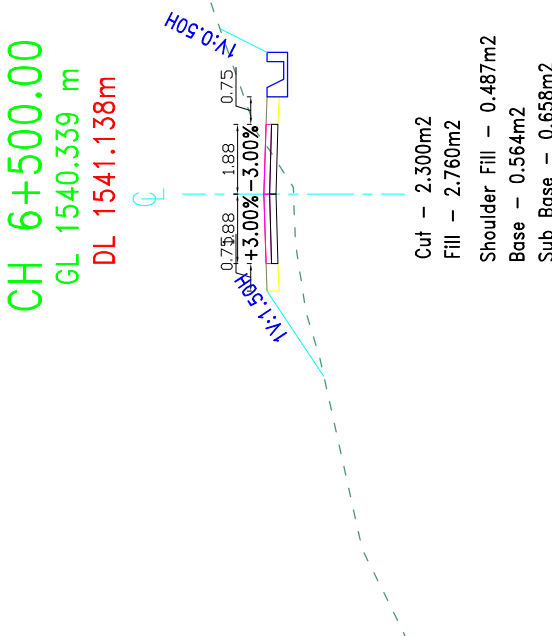
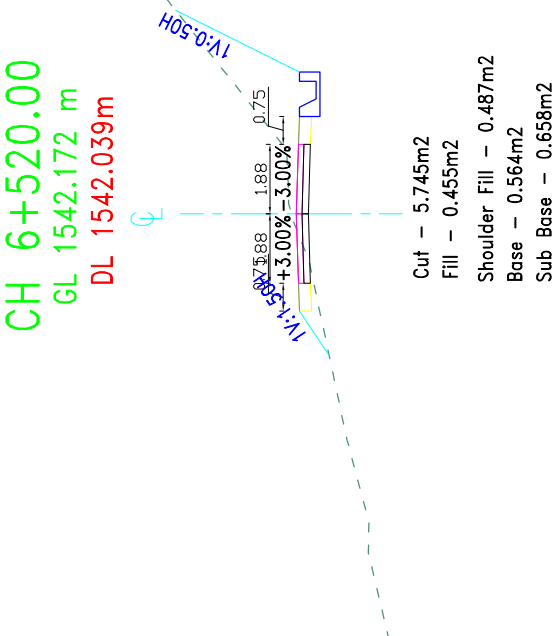
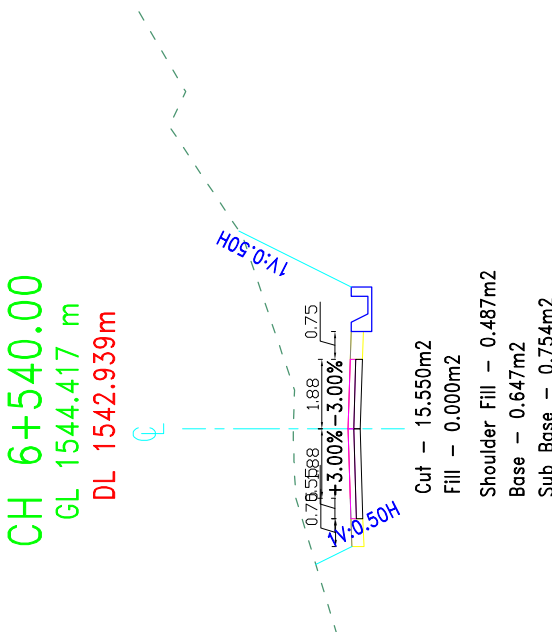
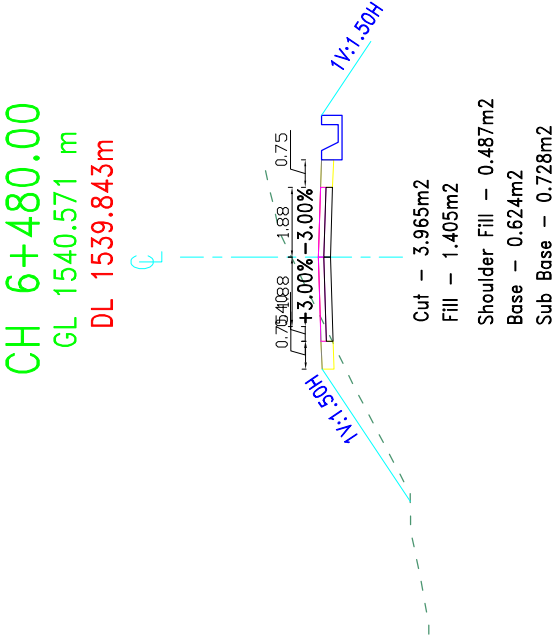
UNLESS OTHERWISE MENTIONED.

2. DO NOT SCALE THE DRAWING.

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GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT	BEAM - CEMCA - Jy SARWALAYUHA	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESSETTLEMENT PLAN CONCERN THE STUDY AND GDSI PLAN OF BHEMPHEDI - BOGATE-IPA DUKALI-SUNNET ROAD KAWANPUR, NEPAL	CONSULTANT:	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section	DATE: November, 2017
										CH 6+380.00 GL 1534.282 m DL 1535.198m	CH 6+320.00 – 6+380.00
										CH 6+340.00 GL 1537.656 m DL 1535.279m	CH 6+360.00 GL 1537.226 m DL 1535.450m
										Cut – 0.428m2 Fill – 3.545m2 Shoulder Fill – 0.487m2 Base – 0.564m2 Sub Base – 0.658m2	Cut – 22.078m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.806m2 Sub Base – 0.940m2
										Cut – 27.955m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.849m2 Sub Base – 0.991m2	Cut – 27.528m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.740m2 Sub Base – 0.863m2

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 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU  BEAM - CEMCA - Jy SARPAJALPITHE CONSULTANT:		PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD KATHMANDU, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 82	
CH 6+500.00 GL 1540.339 m DL 1541.138m 		CH 6+520.00 GL 1542.172 m DL 1542.039m 		CH 6+540.00 GL 1544.417 m DL 1542.939m 		CH 6+480.00 GL 1540.571 m DL 1539.843m 		SCALE 1:200		GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN MTR. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.							

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARWAL/ATP/18 PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE PRE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNERI ROAD MADHAWPUR, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION	SIGNATURE	DATE	SCALE		Cross-Section		DATE: November, 2017		
												1:200		CH 6+560.00-6+620.00		DRWG NO.: 3	
																SHEET No.: 83	

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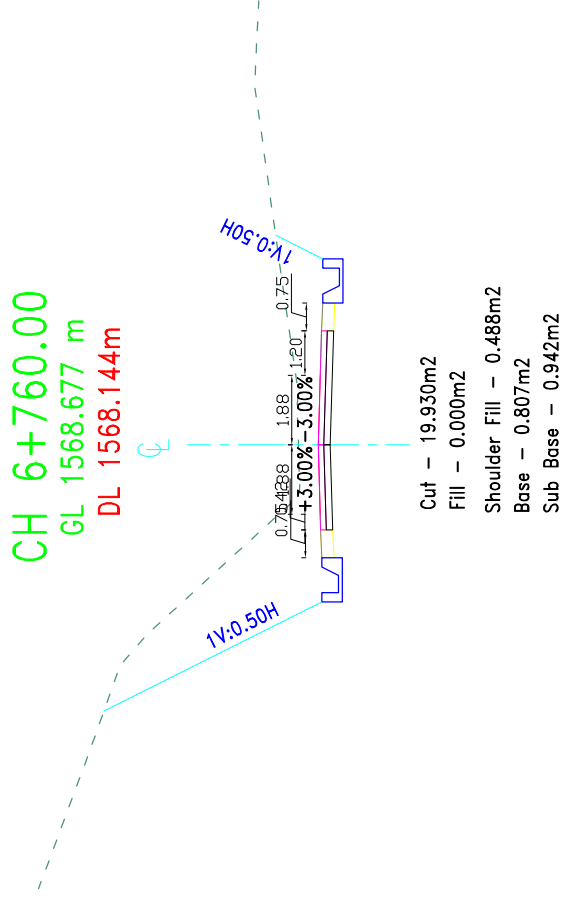
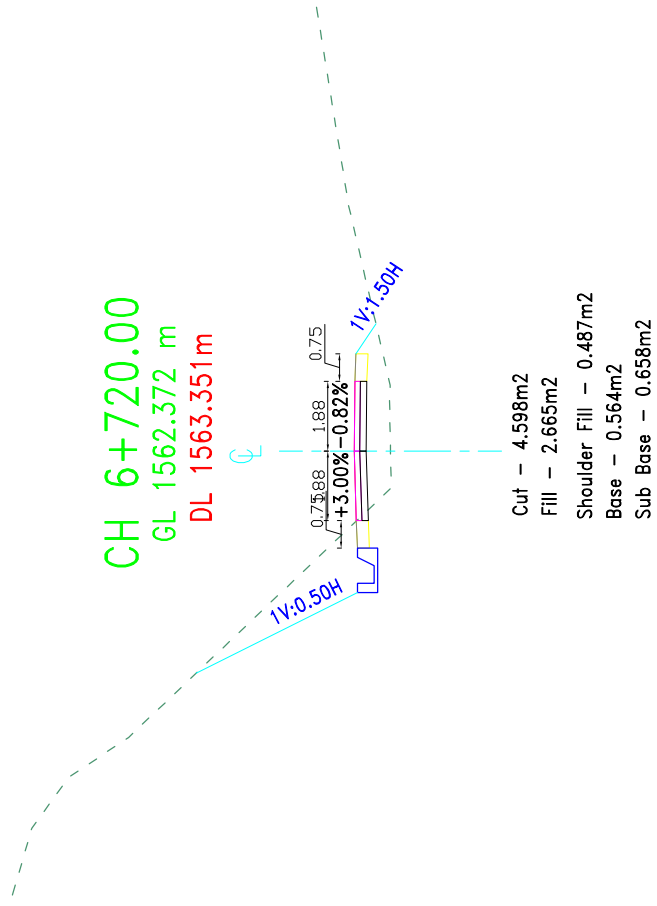
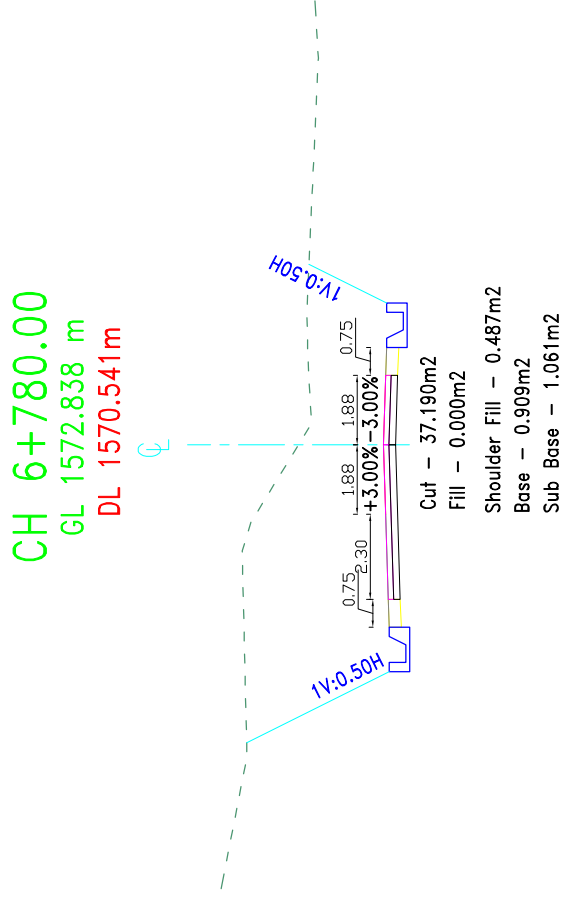
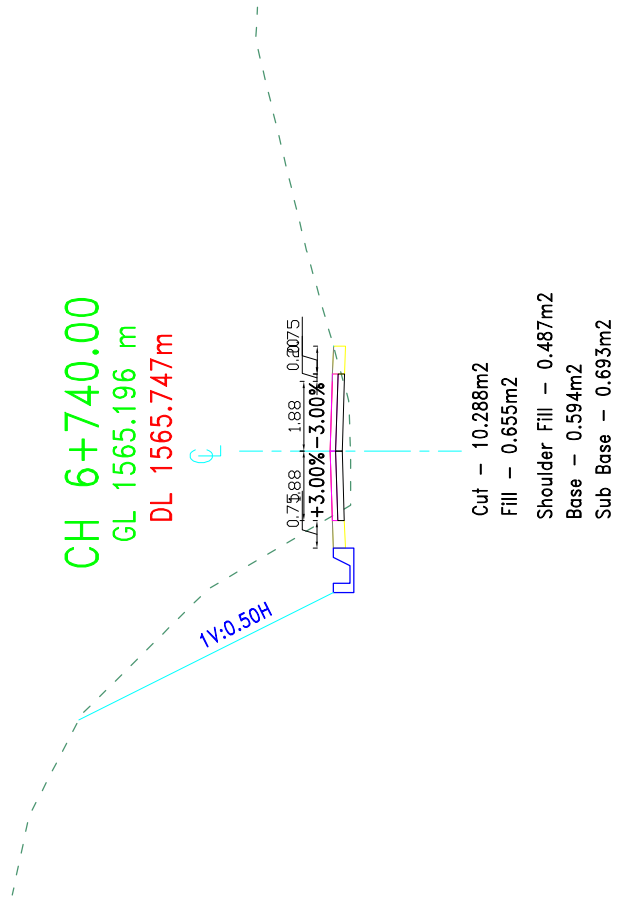
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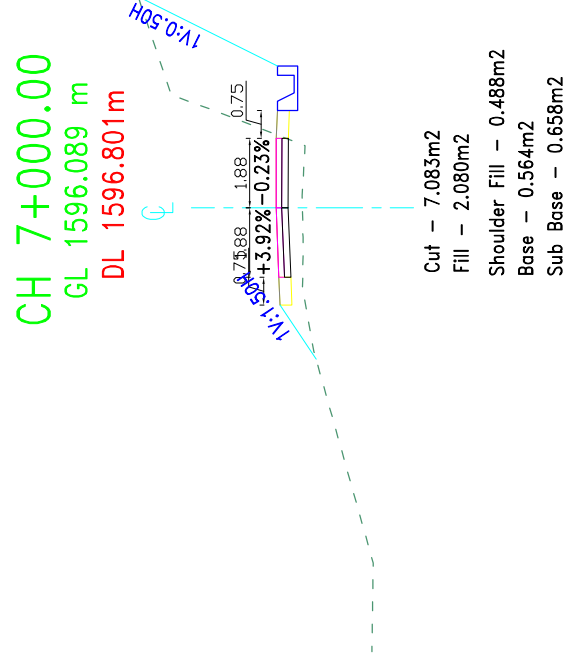
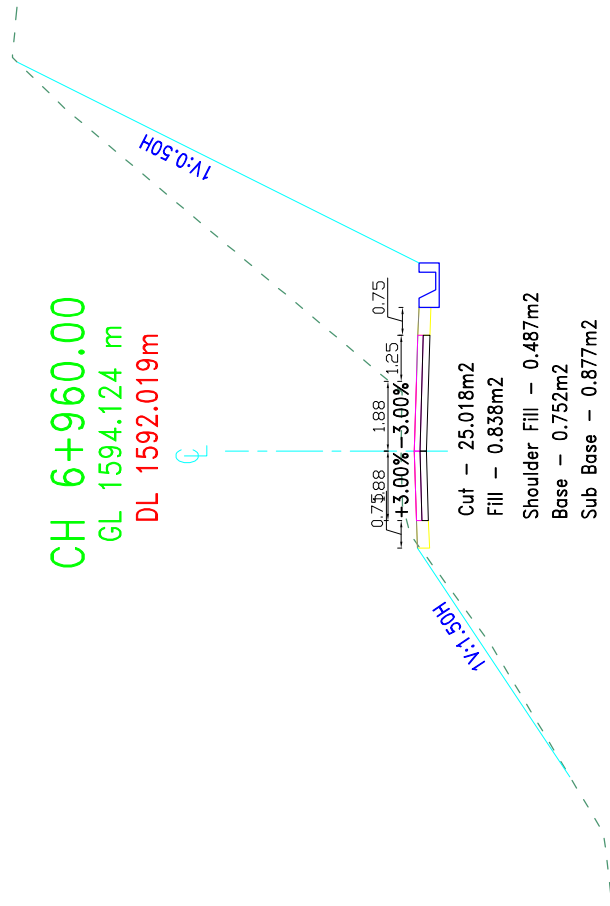
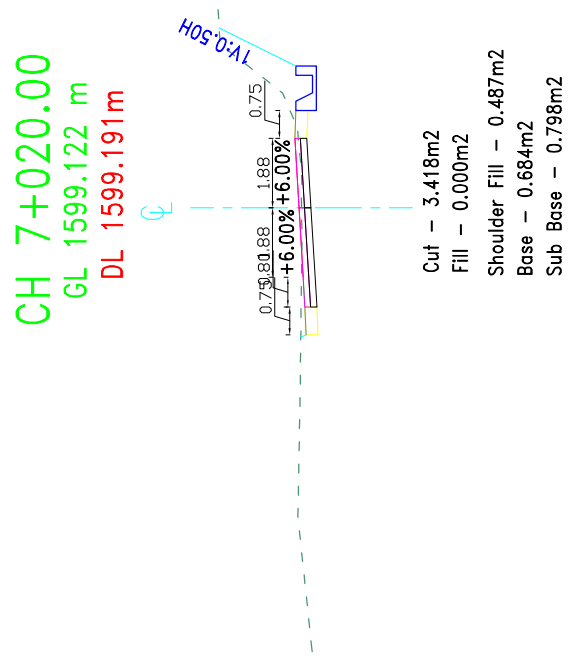
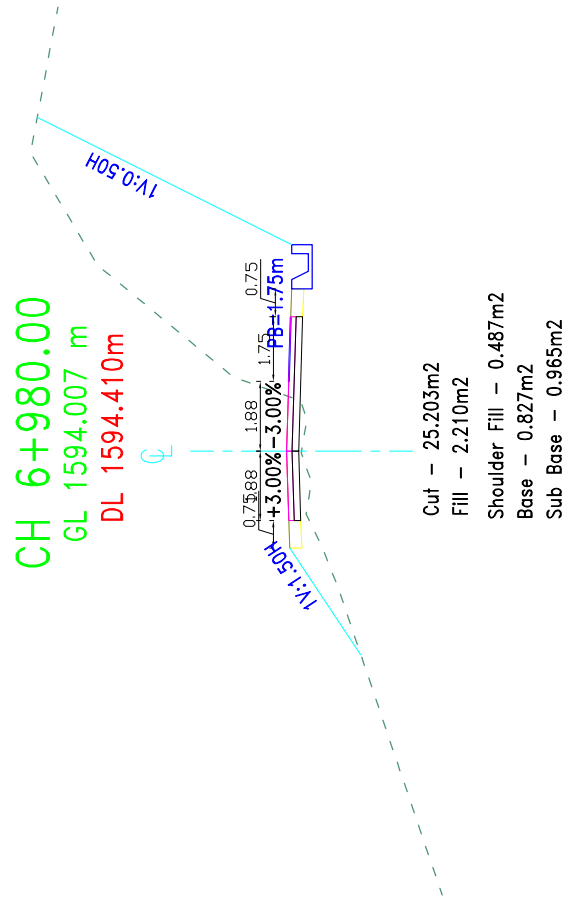
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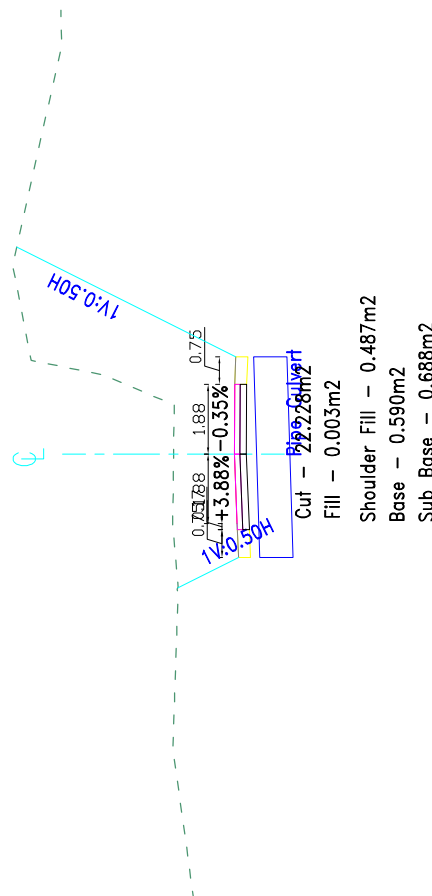
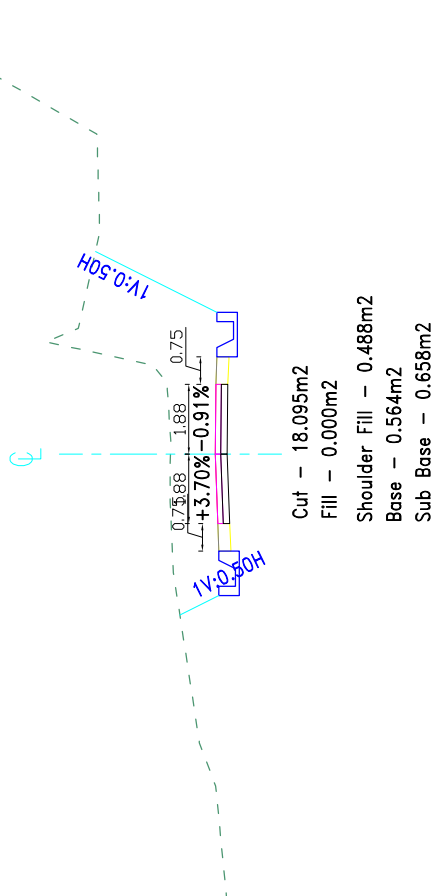
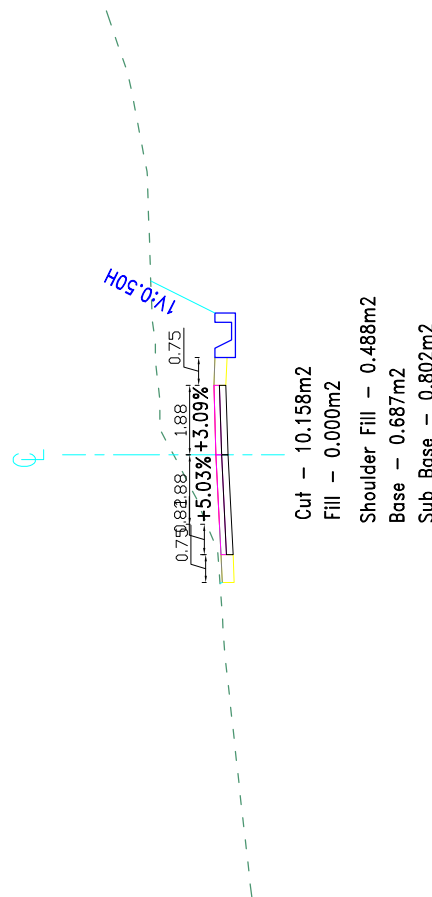
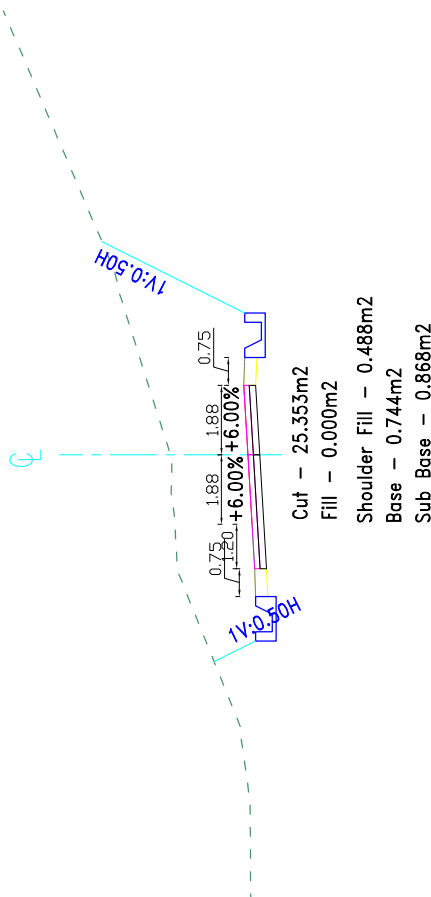
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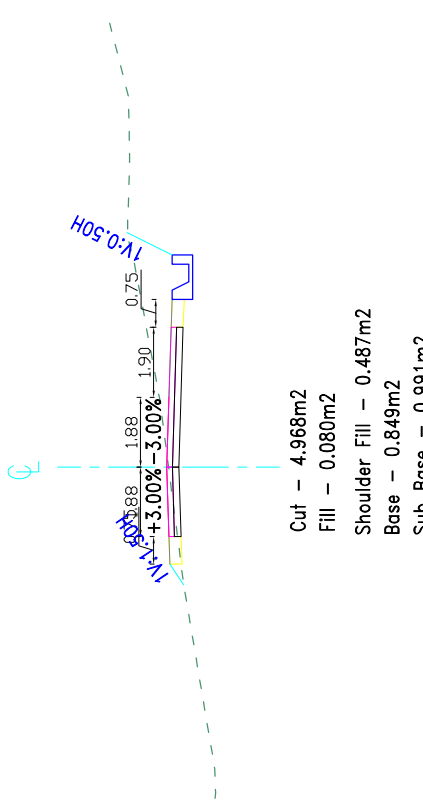
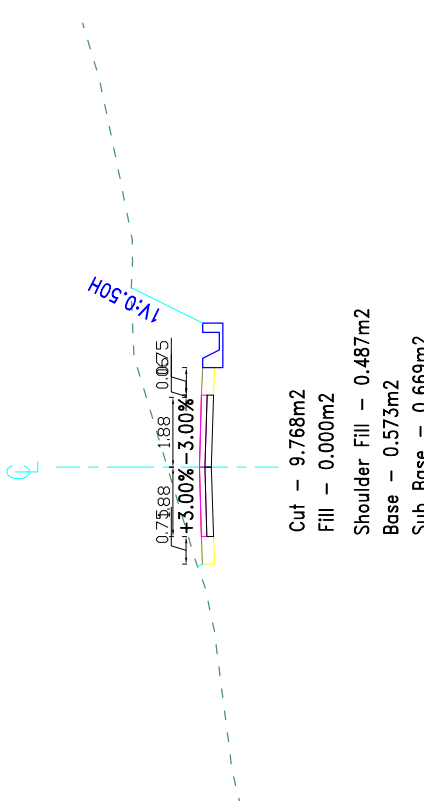
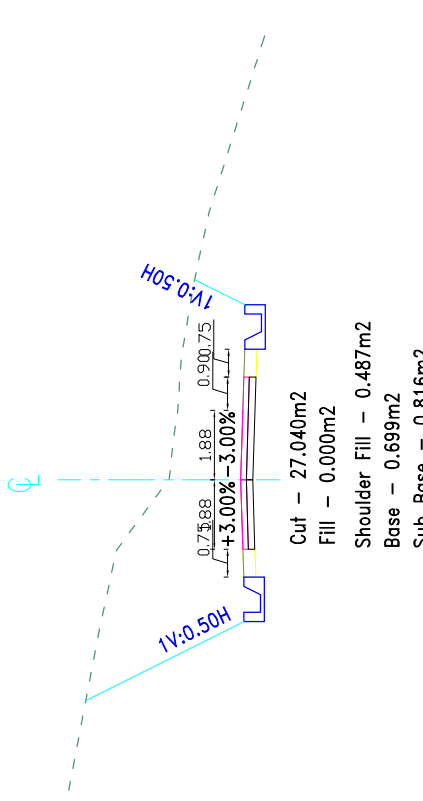
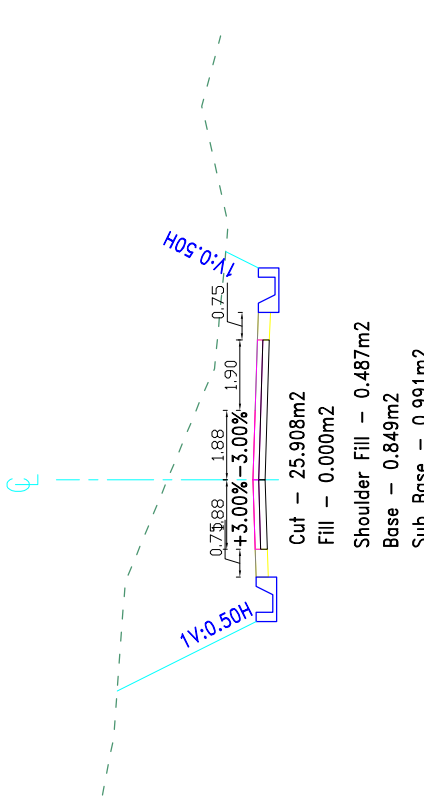
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SUDHODOLAHATPUR	 BEAM - CEMECA - Jy SARDAULAHATPUR	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE HRS STUDY AND GSI PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SISRNERI ROAD MAJGAONPUR, NEPAL	DESIGNED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section	DATE: November, 2017		
			CHECKED BY :									DRWG NO.: 3
			RECOMMENDED BY :									SHEET No. : 85
			APPROVED BY :									

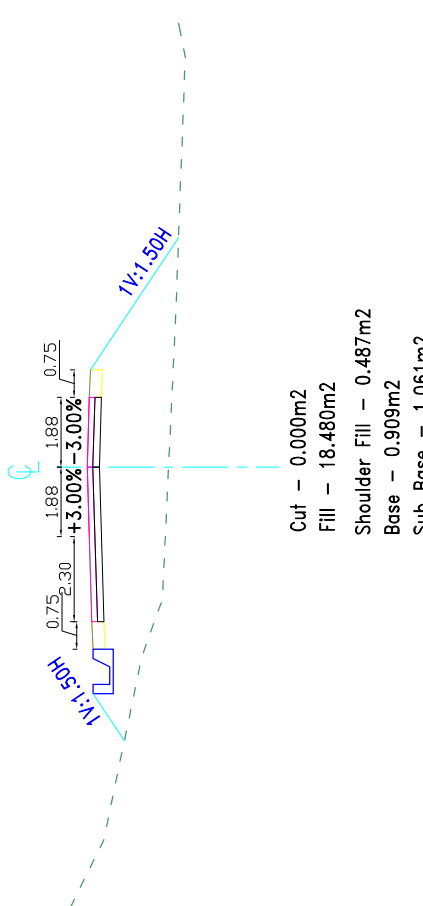
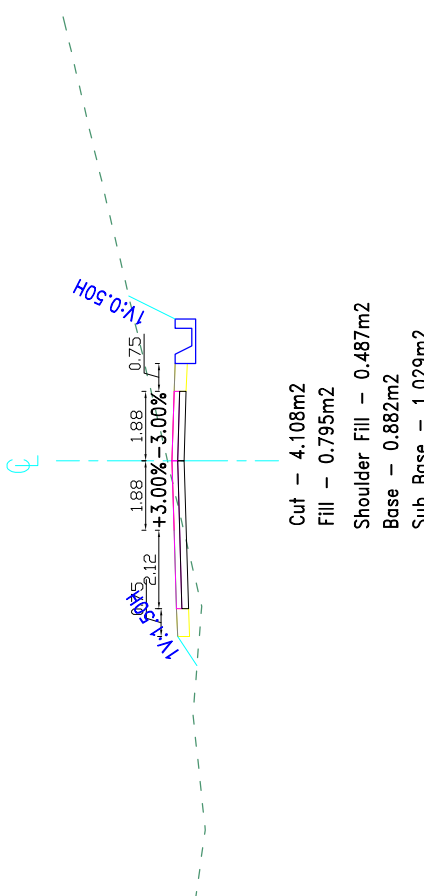


LEGENDS :  CENTER LEVEL  GROUND LEVEL  DESIGN LEVEL  SIDE DRAIN	GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.
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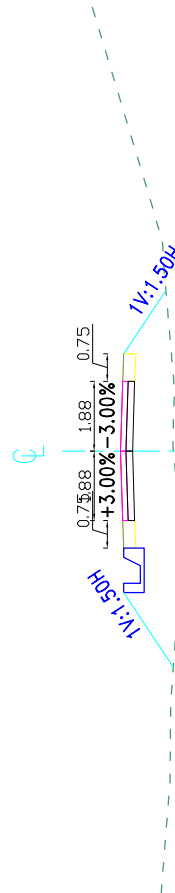
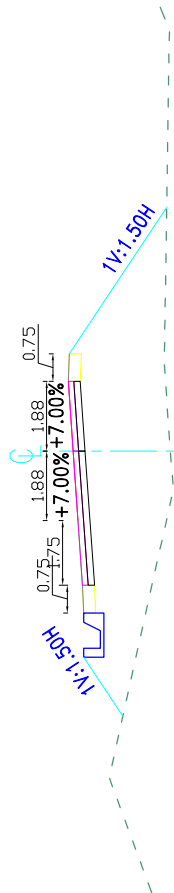
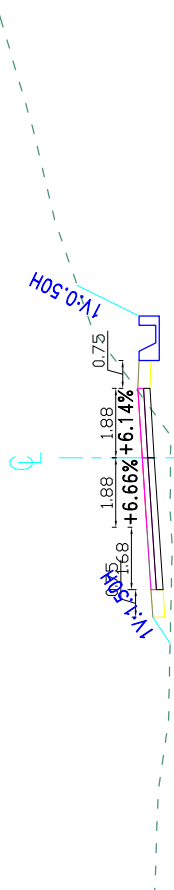
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SUPPORTS/AUTHOR	 BEAM - CEMECA - Jy SANDEEP, ALPINDER	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCERN THE STUDY AND BEST PLAN OF BHIMPEDI - BOGATE - IPA DUKHALLI - SIKHARI ROAD MAYANGPOUR, NEPAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		</
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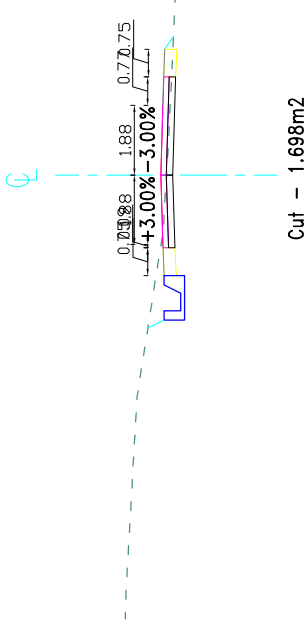
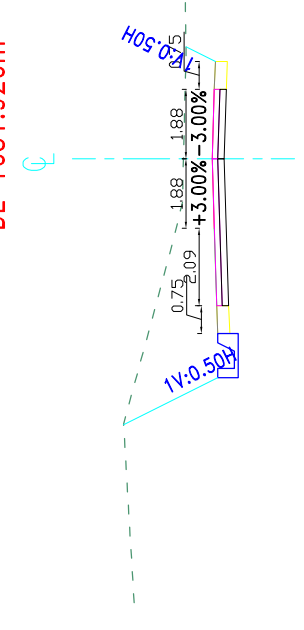
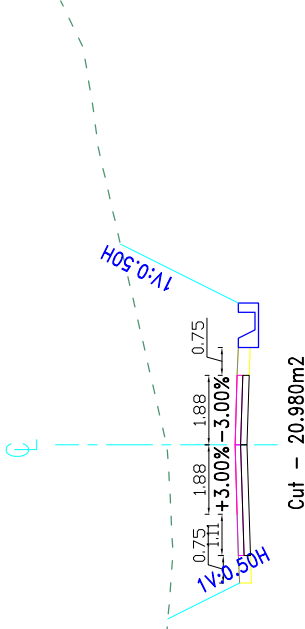
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARWALATHIR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNERI ROAD MANGAPUR, NEPAL		CONSULTANT:		PROJECT:		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 89	
CH 7+060.00 GL 1605.619 m DL 1603.973m 		CH 7+040.00 GL 1602.790 m DL 1601.582m 		CH 7+100.00 GL 1609.792 m DL 1608.643m 		CH 7+080.00 GL 1608.453 m DL 1606.363m 		LEGENDS : CENTER LEVEL GROUND LEVEL DESIGN LEVEL SIDE DRAIN CABON WALL MASONRY WALL		GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN Mtr. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.											

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARDALJAITHE CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GDSI PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNERI ROAD MANGAPUR, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME	DESIGNATION	SIGNATURE	DATE	SCALE	Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 90
CH 7+140.00 GL 1611.280 m DL 1611.325m 		CH 7+160.00 GL 1610.934 m DL 1610.073m 		CH 7+180.00 GL 1615.781 m DL 1613.828m 		CH 7+120.00 GL 1614.892 m DL 1612.577m 		1:200		CH 7+120.00-7+180.00	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARDALAJITHR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GESI PLAN OF BHIMPHEDI - BOGATE - IPA DUDRALI - SUNNERI ROAD MADANPURI, NEPAL		CONSULTANT: DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME DESIGNATION SIGNATURE DATE		SCALE 1:200		Cross-Section CH 7+200.00-7+260.00		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 91	
CH 7+220.00 GL 1614.137 m DL 1616.332m  Cut - 0.000m2 Fill - 18.480m2 Shoulder Fill - 0.487m2 Base - 0.909m2 Sub Base - 1.061m2		CH 7+240.00 GL 1617.762 m DL 1617.638m  Cut - 4.108m2 Fill - 0.795m2 Shoulder Fill - 0.487m2 Base - 0.882m2 Sub Base - 1.029m2									

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT RESPONSIBLE OFFICER	CONSULTANT:  BEAM - CEMECA - Jy SARWALATHIA	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE BEE STUDY AND GSI PLAN OF BHIMPEDI - BOGATE - IPA DURALI - SONERI ROAD MANANGPUL, NEPAL	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section	DATE: November, 2017
										DRWG NO.: 3
										SHEET No.: 92

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARPAJALPITHE PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBRALI - SUNNRI ROAD MADHAWPUR, NEPAL		CONSULTANT:		PROJECT:		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 93	
CH 7+380.00 GL 1629.408 m DL 1630.841 m  Cut - 0.000m2 Fill - 9.458m2 Shoulder Fill - 0.487m2 Base - 0.564m2 Sub Base - 0.658m2		CH 7+360.00 GL 1626.298 m DL 1628.929 m  Cut - 0.000m2 Fill - 21.830m2 Shoulder Fill - 0.488m2 Base - 0.827m2 Sub Base - 0.965m2		CH 7+420.00 GL 1634.543 m DL 1635.142 m  Cut - 0.000m2 Fill - 3.110m2 Shoulder Fill - 0.488m2 Base - 0.756m2 Sub Base - 0.882m2		CH 7+400.00 GL 1632.045 m DL 1632.809 m  Cut - 2.445m2 Fill - 1.940m2 Shoulder Fill - 0.487m2 Base - 0.816m2 Sub Base - 0.952m2															

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT संघीय मामला तथा स्थानीय विकास विभाग  BEAM - CEMCA - Jy संघीय मामला तथा स्थानीय विकास विभाग PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCERNING THE STUDY AND COST PLAN OF BHEMPHEDI - BOGATE - IPA DEDGALI - SUNHET ROAD BHEMPHEDI - BOGATE - IPA DEDGALI - SUNHET ROAD BHEMPHEDI - BOGATE - IPA DEDGALI - SUNHET ROAD		CONSULTANT: DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY : NAME DESIGNATION SIGNATURE DATE		SCALE 1:200		Cross-Section CH 7+520.00-7+580.00	DATE: November, 2017 DRWG NO.: 3 SHEET No.: 95
CH 7+540.00 GL 1649.373 m DL 1649.528m  Cut - 1.698m2 Fill - 0.043m2 Shoulder Fill - 0.487m2 Base - 0.693m2 Sub Base - 0.809m2		CH 7+560.00 GL 1652.704 m DL 1651.926m  Cut - 14.128m2 Fill - 0.000m2 Shoulder Fill - 0.487m2 Base - 0.878m2 Sub Base - 1.024m2		CH 7+580.00 GL 1656.178 m DL 1654.324m  Cut - 20.980m2 Fill - 0.000m2 Shoulder Fill - 0.487m2 Base - 0.731m2 Sub Base - 0.852m2		GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN MTR. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING. LEGENDS : CENTER LEVEL GROUND LEVEL DESIGN LEVEL SIDE DRAIN GABION WALL MASONRY WALL	

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GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
														1:200		CH 7+760.00-7+820.00		DRWG NO.: 3	
																		SHEET No.: 98	

GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
														1:200		CH 7+760.00-7+820.00		DRWG NO.: 3	
																		SHEET No.: 98	

GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
														1:200		CH 7+760.00-7+820.00		DRWG NO.: 3	
																		SHEET No.: 98	

GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
														1:200		CH 7+760.00-7+820.00		DRWG NO.: 3	
																		SHEET No.: 98	

GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
														1:200		CH 7+760.00-7+820.00		DRWG NO.: 3	
																		SHEET No.: 98	

GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
														1:200		CH 7+760.00-7+820.00		DRWG NO.: 3	
																		SHEET No.: 98	

GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
														1:200		CH 7+760.00-7+820.00		DRWG NO.: 3	
																		SHEET No.: 98	

GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
														1:200		CH 7+760.00-7+820.00		DRWG NO.: 3	
																		SHEET No.: 98	

GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
														1:200		CH 7+760.00-7+820.00		DRWG NO.: 3	
																		SHEET No.: 98	

GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
														1:200		CH 7+760.00-7+820.00		DRWG NO.: 3	
																		SHEET No.: 98	

GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
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																		SHEET No.: 98	

GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
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GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
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GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
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GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
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GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
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GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
														1:200		CH 7+760.00-7+820.00		DRWG NO.: 3	
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GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
														1:200		CH 7+760.00-7+820.00		DRWG NO.: 3	
																		SHEET No.: 98	

GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
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																		SHEET No.: 98	

GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
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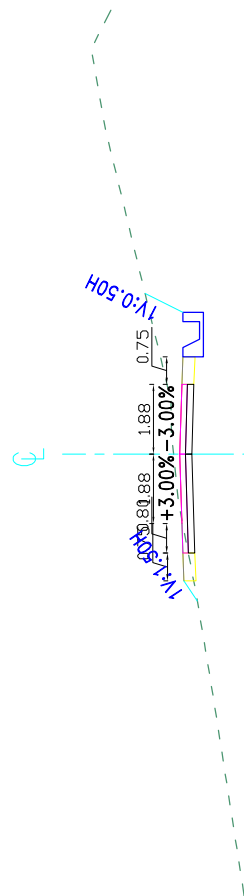
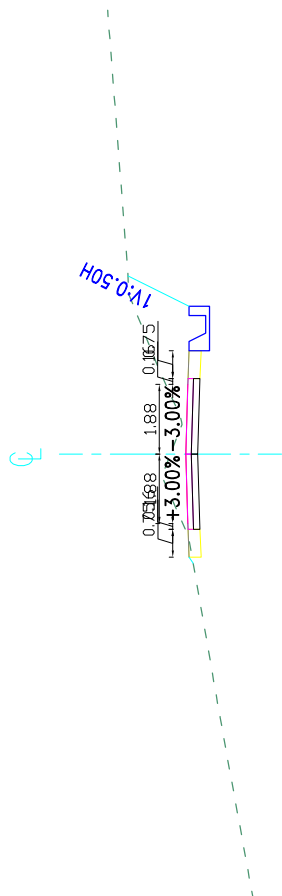
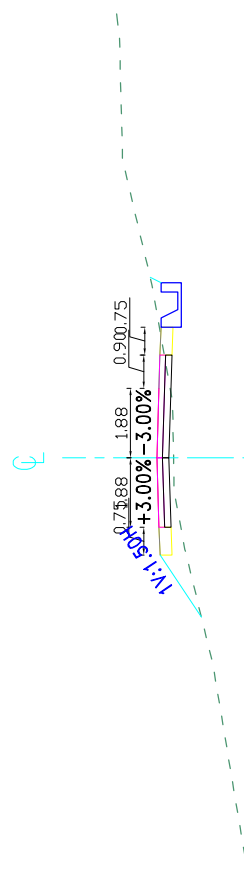
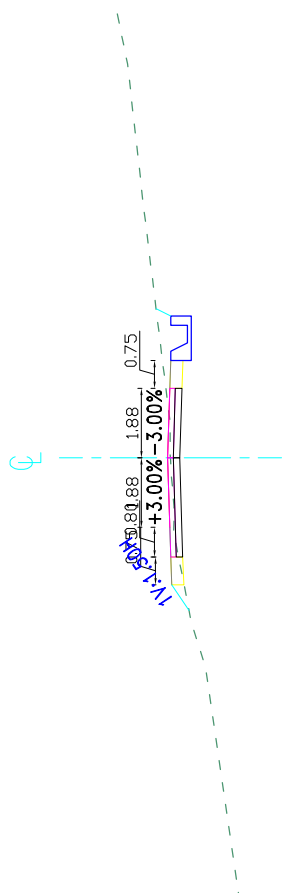
GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
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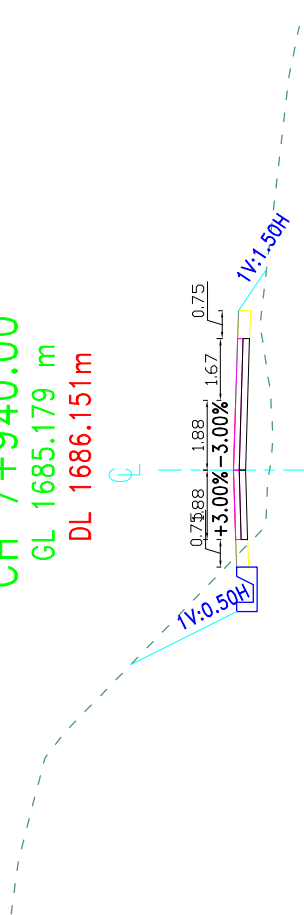
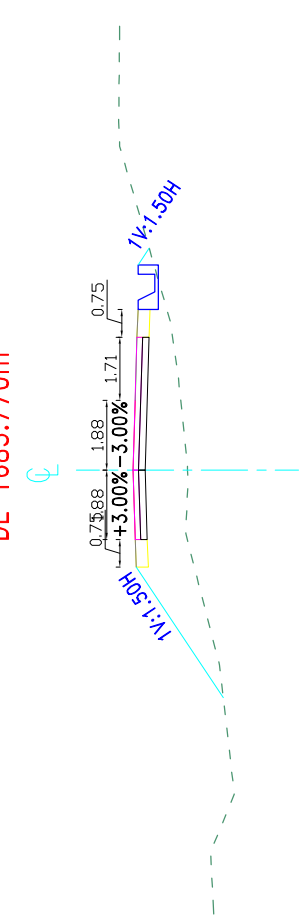
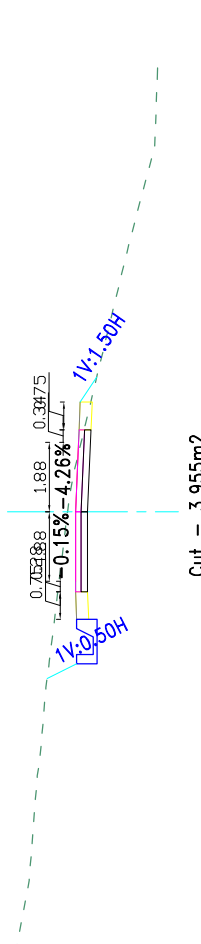
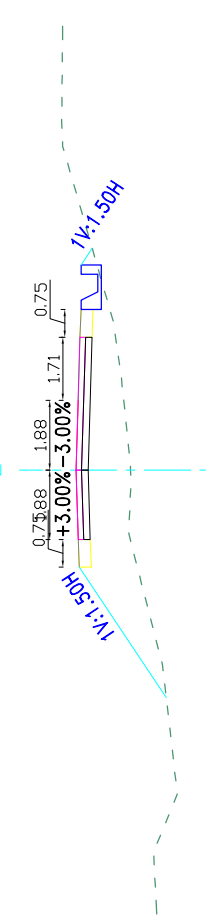
GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
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GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
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GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
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																		SHEET No.: 98	

GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMCA - Jy SARDJA/THTB PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MANANGPUL, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017	
														1:200		CH 7+76			

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARWAL/AT/10/18 PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNERI ROAD MADHUPUR, NEPAL		CONSULTANT:		PROJECT:		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME	DESIGNATION	SIGNATURE	DATE	SCALE	Cross-Section	DATE: November, 2017 DRWG NO.: 3 SHEET No.: 99
CH 7+860.00 GL 1679.713 m DL 1679.543m  Cut – 3.960m2 Fill – 0.068m2 Shoulder Fill – 0.487m2 Base – 0.684m2 Sub Base – 0.798m2		CH 7+840.00 GL 1678.877 m DL 1678.463m  Cut – 6.138m2 Fill – 0.005m2 Shoulder Fill – 0.488m2 Base – 0.612m2 Sub Base – 0.714m2		CH 7+900.00 GL 1681.297 m DL 1681.746m  Cut – 0.515m2 Fill – 1.383m2 Shoulder Fill – 0.487m2 Base – 0.699m2 Sub Base – 0.816m2		CH 7+880.00 GL 1680.550 m DL 1680.623m  Cut – 1.930m2 Fill – 0.110m2 Shoulder Fill – 0.487m2 Base – 0.684m2 Sub Base – 0.798m2		1:200		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 99		

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT RESPONSIBLE OFFICER	 BEAM - CEMECA - Jy SARDESHAIYAR	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE BEE STUDY AND GSI PLAN OF BHIMPEDI - BOGATE - IPA DURALI - SONERI ROAD MANANGPUL, NEPAL	CONSULTANT: DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :				NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section CH 7+920.00-7+980.00	DATE: November, 2017 DRWG NO.: 3 SHEET No.: 100											
			CH 7+940.00 GL 1685.179 m DL 1686.151m  Cut - 2.335m2 Fill - 3.640m2 Shoulder Fill - 0.487m2 Base - 0.815m2 Sub Base - 0.951m2											CH 7+960.00 GL 1688.626 m DL 1688.472m  Cut - 6.010m2 Fill - 0.003m2 Shoulder Fill - 0.488m2 Base - 0.746m2 Sub Base - 0.870m2										
			CH 7+980.00 GL 1690.927 m DL 1690.709m  Cut - 3.955m2 Fill - 0.100m2 Shoulder Fill - 0.487m2 Base - 0.657m2 Sub Base - 0.767m2											CH 7+920.00 GL 1682.300 m DL 1683.770m  Cut - 0.000m2 Fill - 9.680m2 Shoulder Fill - 0.487m2 Base - 0.821m2 Sub Base - 0.958m2										

LEGENDS :

CENTER LEVEL

GROUND LEVEL

DESIGN LEVEL

SIDE DRAIN

GABION WALL

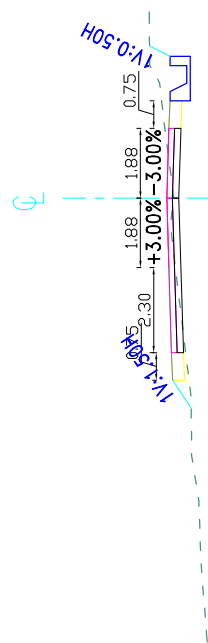
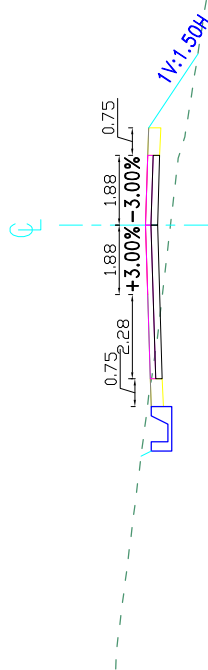
MASONRY WALL

GENERAL NOTES :

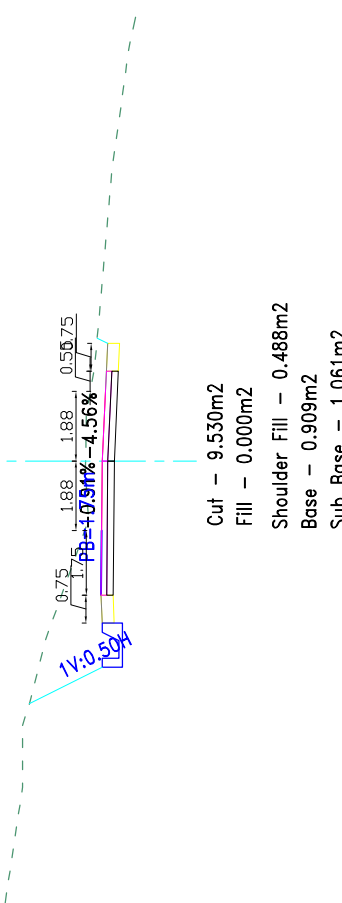
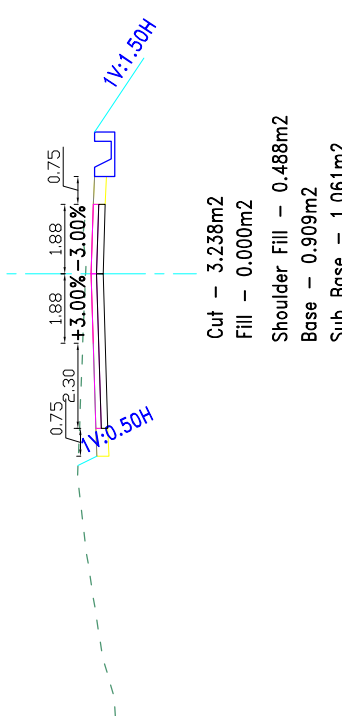
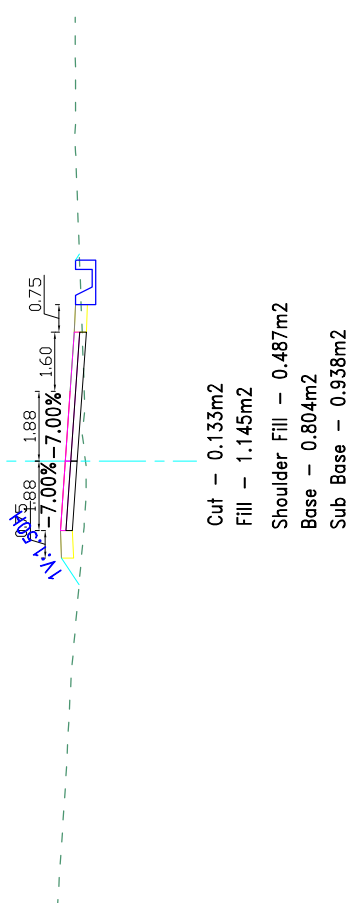
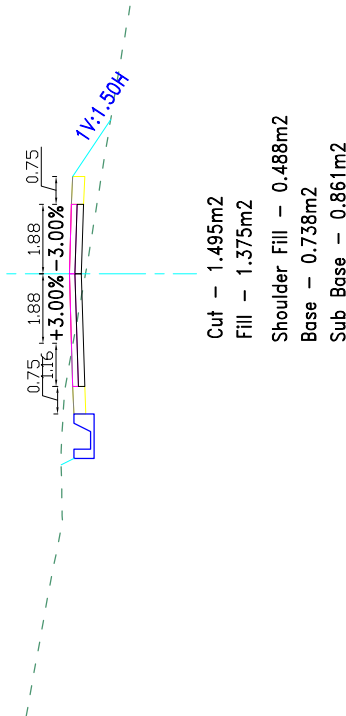
1. ALL THE DIMENSIONS ARE IN METERS, UNLESS OTHERWISE MENTIONED.

2. DO NOT SCALE THE DRAWING.

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARWALAYA PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCERNING THE STUDY AND COST PLAN OF BHEMPHEDI - BOGATE - IPA DEDRAL - SUNHET ROAD MUNICIPALITY, NEPAL CONSULTANT: BEAM - CEMCA - Jy SARWALAYA	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY : NAME DESIGNATION SIGNATURE DATE SCALE Cross-Section CH 8+000.00-8+060.00	DATE: November, 2017 DRWG NO.: 3 SHEET No.: 101				

GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN MTR. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING. LEGENDS : CENTER LEVEL GROUND LEVEL DESIGN LEVEL SIDE DRAIN CABION WALL MASONRY WALL	
CH 8+020.00 GL 1694.757 m DL 1694.937m  Cut - 1.913m2 Fill - 0.265m2 Shoulder Fill - 0.487m2 Base - 0.909m2 Sub Base - 1.061m2	CH 8+040.00 GL 1696.121 m DL 1696.945m  Cut - 0.753m2 Fill - 2.693m2 Shoulder Fill - 0.487m2 Base - 0.906m2 Sub Base - 1.057m2

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT	CONSULTANT:  BEAM - CEMECA - Jy SARPAJALIMAR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNERI ROAD MADHAWPUR, NEPAL	<table><tr><th>NAME</th><th>DESIGNATION</th><th>SIGNATURE</th><th>DATE</th></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>	NAME	DESIGNATION	SIGNATURE	DATE																	SCALE 1:200	Cross-Section	DATE: November, 2017
			NAME	DESIGNATION	SIGNATURE	DATE																			
DRWG NO.: 3																									
					SHEET No.: 102																				

CH 8+100.00 GL 1703.409 m DL 1702.955m 		CH 8+140.00 GL 1706.922 m DL 1706.772m 
CH 8+080.00 GL 1700.407 m DL 1700.952m 	CH 8+120.00 GL 1704.490 m DL 1704.925m 	

LEGENDS :

CENTER LEVEL

GROUND LEVEL

DESIGN LEVEL

SIDE DRAIN

CABON WALL

MASONRY WALL

GENERAL NOTES :

1. ALL THE DIMENSIONS ARE IN Mtr.
UNLESS OTHERWISE MENTIONED.
2. DO NOT SCALE THE DRAWING.

[illegible]

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT CONSULTANT:  BEAM - CEMECA - Jy SARWALATHA PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE BEE STUDY AND GSI PLAN OF BHIMPEDI - BOGATE - IPA DUDRALI - SONERI ROAD MANANGPUR, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME	DESIGNATION	SIGNATURE	DATE	SCALE	Cross-Section	DATE: November, 2017
							1:200	CH 8+240.00-8+300.00	DRWG NO.: 3	
									SHEET No.: 104	

LEGENDS : CENTER LEVEL GROUND LEVEL DESIGN LEVEL SIDE DRAIN GABION WALL MASONRY WALL		GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN Mtr. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.	
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CH 8+260.00

GL 1717.545 m

DL 1716.547m

1V:0.50H

HOS 0.75

0.75

1.88

3.00%

3.00%

0.83

0.75

Cut - 10.345m2

Fill - 0.000m2

Shoulder Fill - 0.487m2

Base - 0.689m2

Sub Base - 0.803m2

1V:0.50H

HOS 0.75

0.75

1.88

3.19%

1.66%

0.83

0.75

Cut - 6.973m2

Fill - 0.000m2

Shoulder Fill - 0.487m2

Base - 0.564m2

Sub Base - 0.658m2

CH 8+240.00

GL 1715.511 m

DL 1714.813m

1V:0.50H

HOS 0.75

0.75

1.88

3.00%

3.00%

0.83

1.60

0.75

Cut - 9.165m2

Fill - 0.003m2

Shoulder Fill - 0.487m2

Base - 0.804m2

Sub Base - 0.938m2

1V:0.50H

HOS 0.75

0.75

1.88

3.83%

2.78%

0.83

0.75

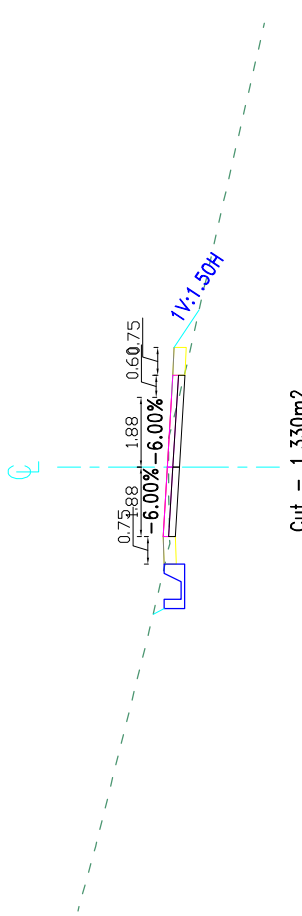
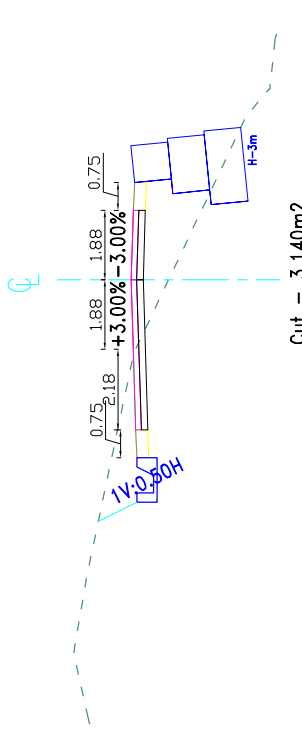
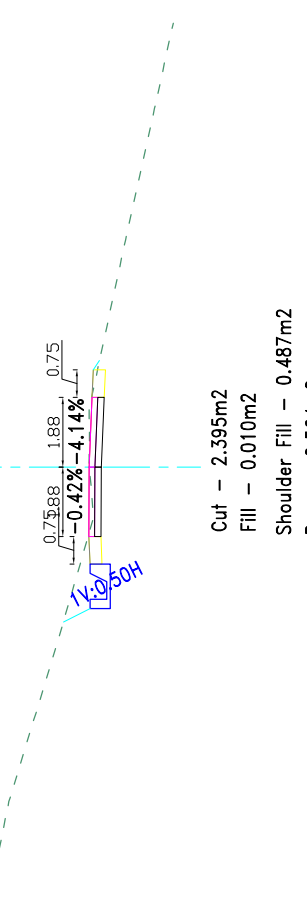
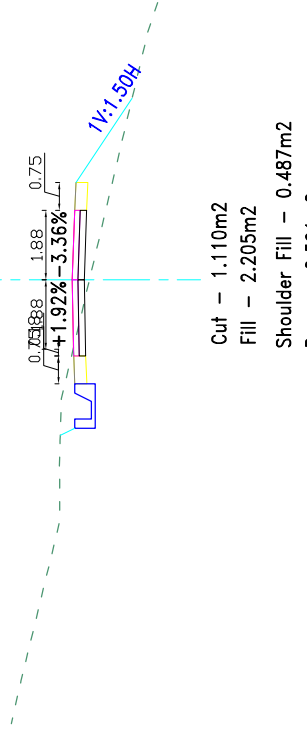
Cut - 11.933m2

Fill - 0.000m2

Shoulder Fill - 0.488m2

Base - 0.618m2

Sub Base - 0.721m2

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARWALAYITHE PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNARI ROAD MUNAWAPUR, NEPAL	CONSULTANT:  BEAM - CEMCA - Jy SARWALAYITHE	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME DESIGNATION SIGNATURE DATE	SCALE 1:200	Cross-Section CH 8+320.00-8+380.00	DATE: November, 2017 DRWG NO.: 3 SHEET No.: 105
CH 8+340.00 GL 1723.453 m DL 1723.484m  Cut - 1.330m2 Fill - 0.273m2 Shoulder Fill - 0.488m2 Base - 0.654m2 Sub Base - 0.763m2	CH 8+380.00 GL 1725.945 m DL 1726.953m  Cut - 3.140m2 Fill - 3.520m2 Shoulder Fill - 0.488m2 Str. Cut - 1.188m2 Back Fill - 0.035m2 Base - 0.891m2 Sub Base - 1.040m2					
CH 8+320.00 GL 1721.744 m DL 1721.750m  Cut - 2.395m2 Fill - 0.010m2 Shoulder Fill - 0.487m2 Base - 0.564m2 Sub Base - 0.658m2	CH 8+360.00 GL 1724.754 m DL 1725.218m  Cut - 1.110m2 Fill - 2.205m2 Shoulder Fill - 0.487m2 Base - 0.591m2 Sub Base - 0.690m2					
LEGENDS : CENTER LEVEL GROUND LEVEL DESIGN LEVEL SIDE DRAIN GABION WALL MASONRY WALL			GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN Mtr. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.			

[illegible]

[illegible]

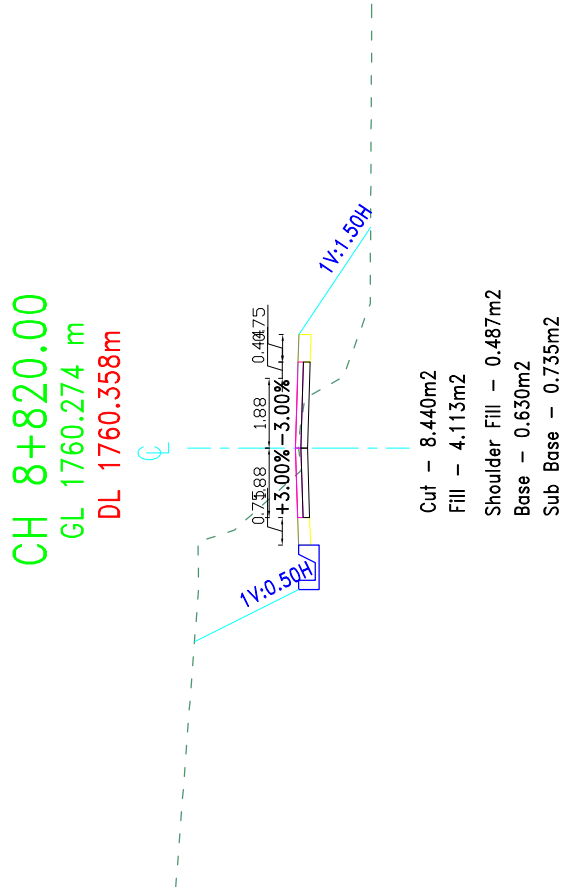
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SANGHAPUR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCERNING THE STUDY AND COST PLAN OF BHEMPHEDI - BOGATE - IPA DOKALI - SUNNET ROAD SANGHAPUR, NEPAL CONSULTANT: DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY : NAME DESIGNATION SIGNATURE DATE SCALE 1:200 Cross-Section CH 8+800.00-8+860.00	DATE: November, 2017 DRWG NO.: 3 SHEET No.: 111	

LEGENDS : CENTER LEVEL GROUND LEVEL DESIGN LEVEL SIDE DRAIN CABON WALL MASONRY WALL GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN MTR. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.	
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CH 8+820.00

GL 1760.274 m

DL 1760.358m



Cut - 8.440m2

Fill - 4.113m2

Shoulder Fill - 0.487m2

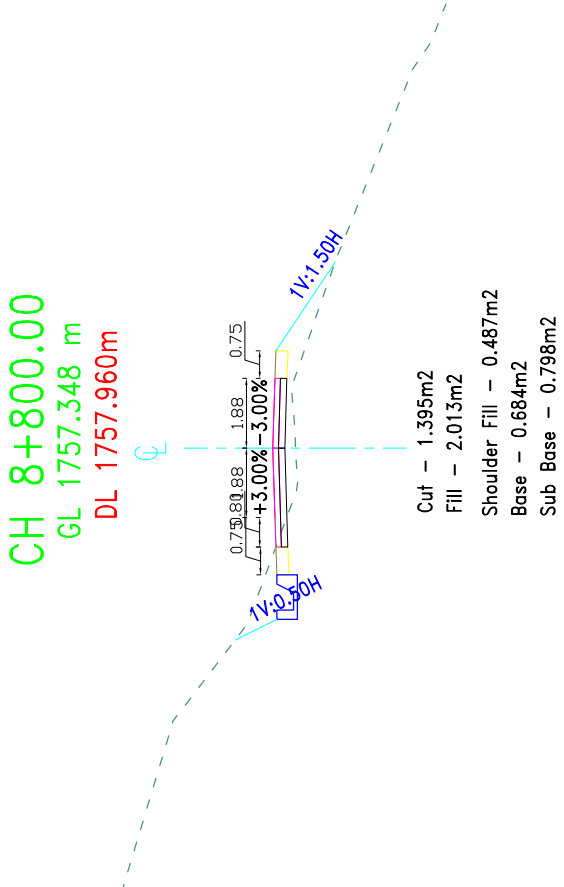
Base - 0.630m2

Sub Base - 0.735m2

CH 8+840.00

GL 1757.348 m

DL 1757.960m



Cut - 1.395m2

Fill - 2.013m2

Shoulder Fill - 0.487m2

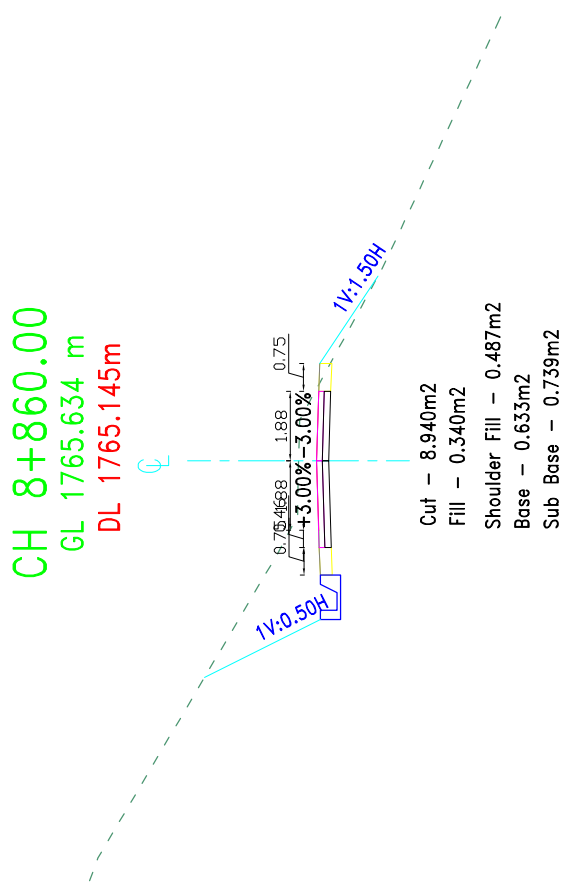
Base - 0.684m2

Sub Base - 0.798m2

CH 8+860.00

GL 1765.634 m

DL 1765.145m



Cut - 8.940m2

Fill - 0.340m2

Shoulder Fill - 0.487m2

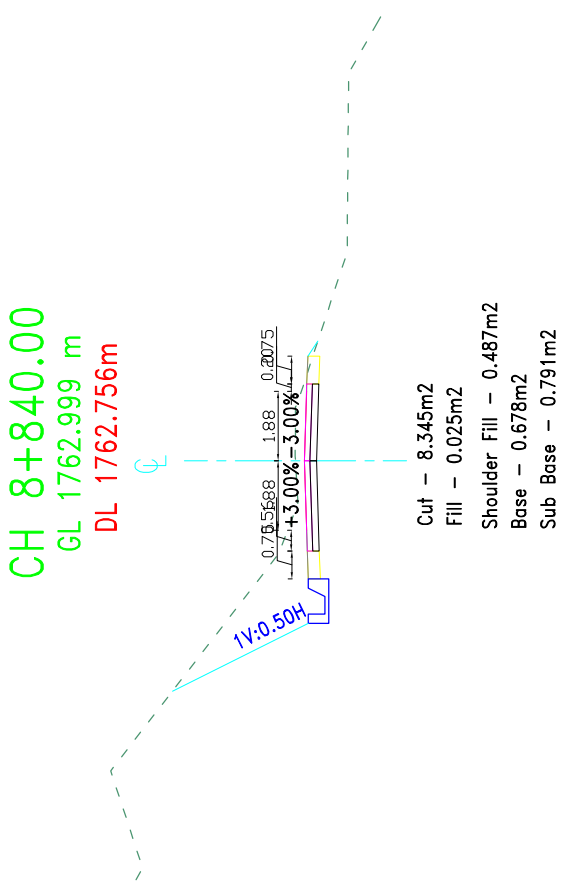
Base - 0.633m2

Sub Base - 0.739m2

CH 8+840.00

GL 1762.999 m

DL 1762.756m



Cut - 8.345m2

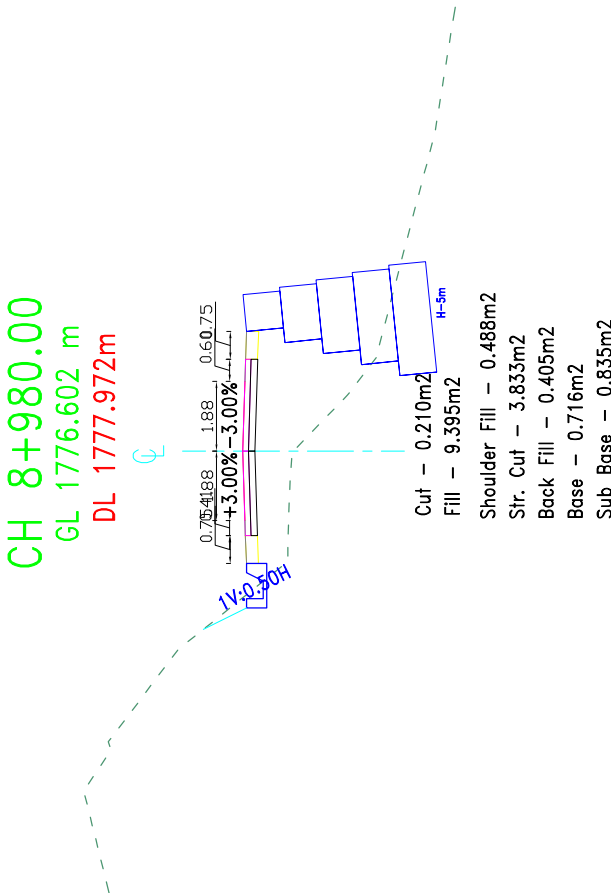
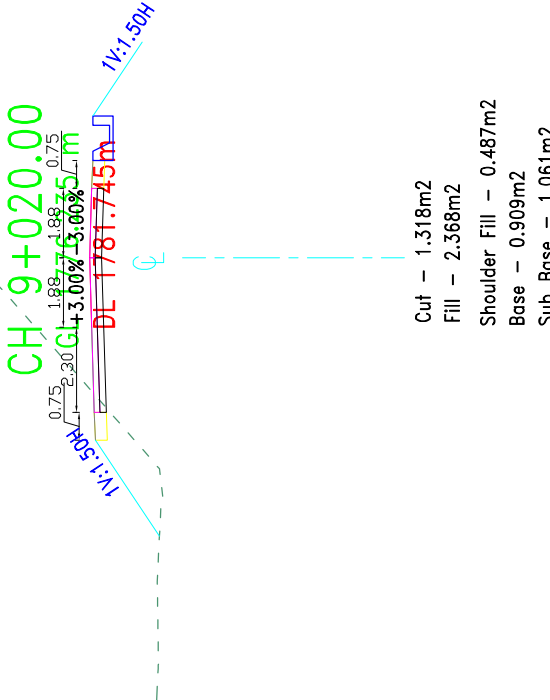
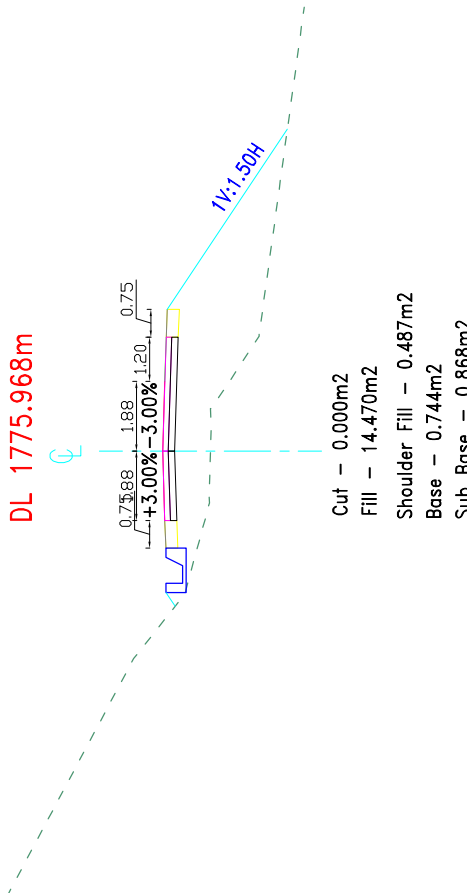
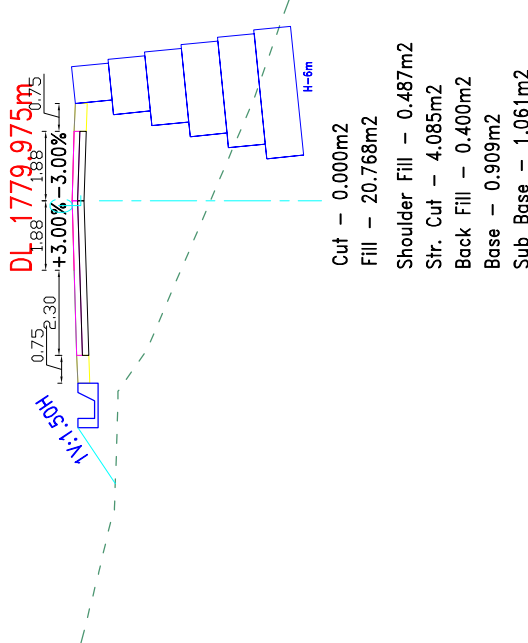
Fill - 0.025m2

Shoulder Fill - 0.487m2

Base - 0.678m2

Sub Base - 0.791m2

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - Jy SARDJALIMPA	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNERI ROAD MADANPURI, NEPAL	CONSULTANT:	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE	1:200	Cross-Section	DATE: November, 2017
											DRWG NO.: 3
										SHEET No.: 113	

CH 8+980.00 GL 1776.602 m DL 1777.972m  CH 9+020.00 GL 1776.745 m DL 1781.745m 	CH 8+960.00 GL 1774.678 m DL 1775.968m  CH 9+000.00 GL 1776.235 m DL 1779.975m 
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LEGENDS :

CENTER LEVEL

GROUND LEVEL

DESIGN LEVEL

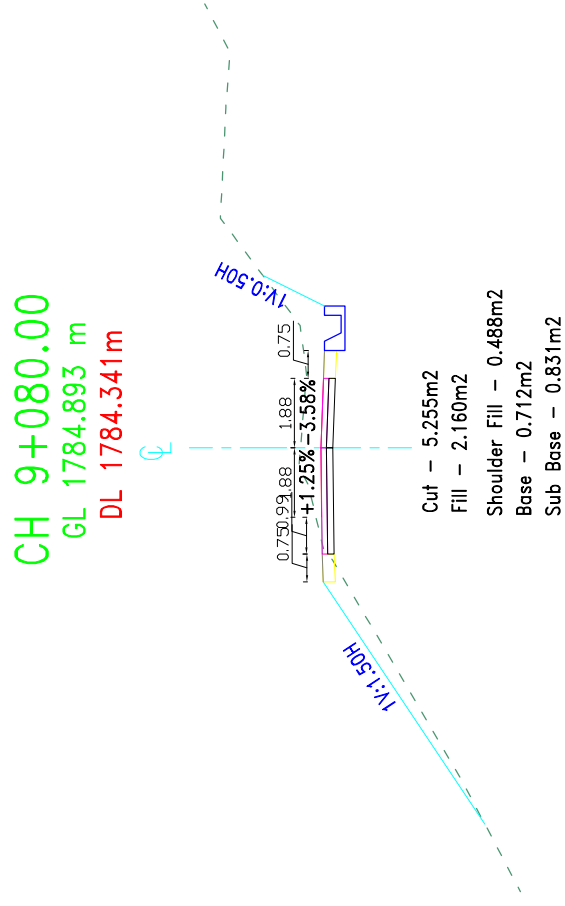
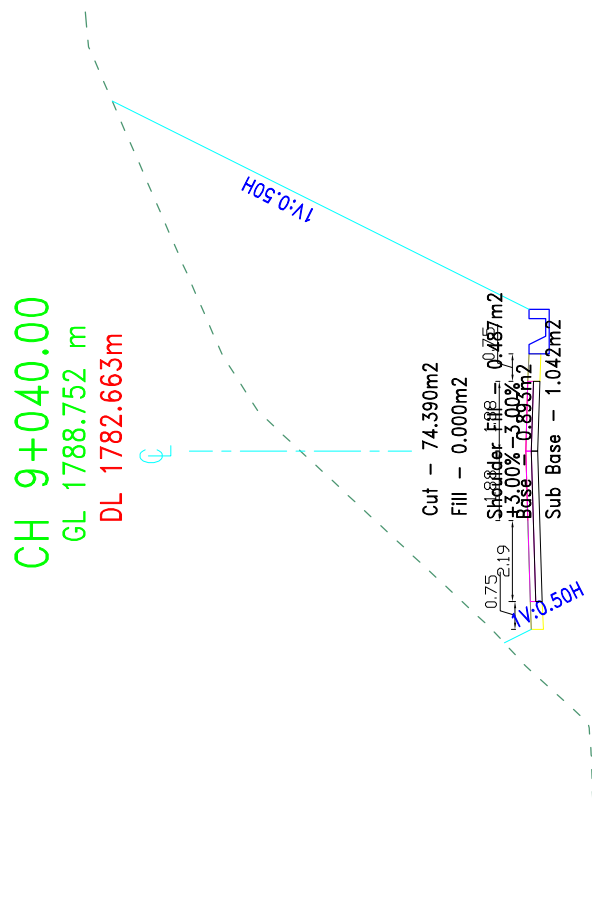
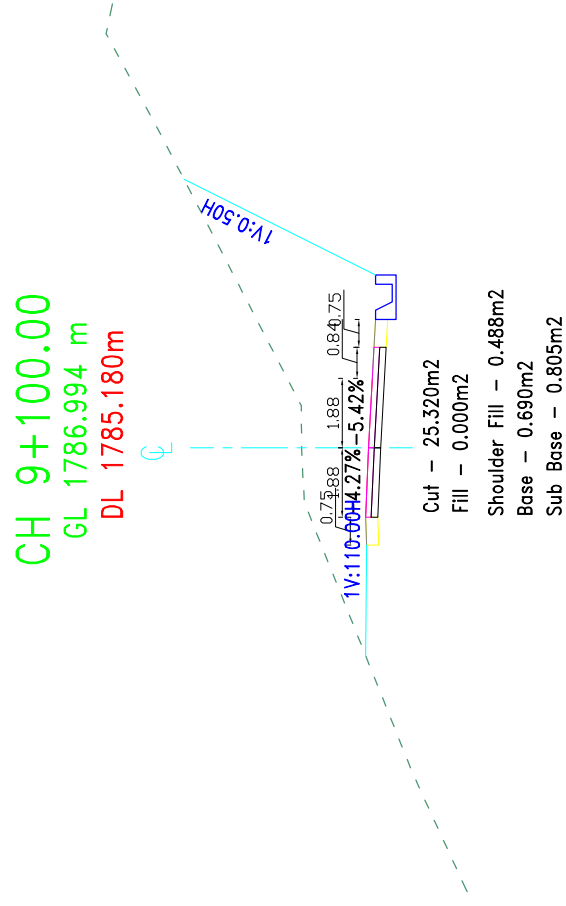
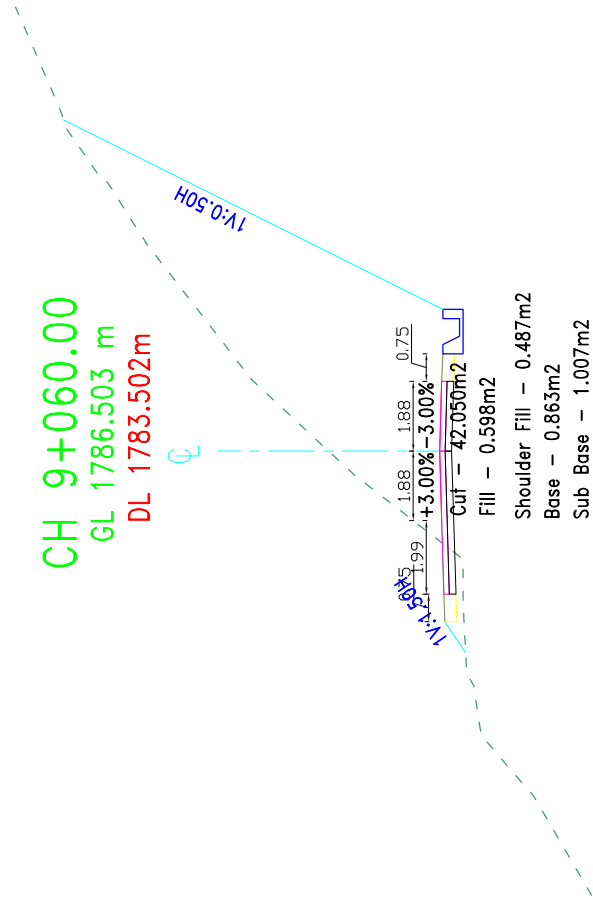
SIDE DRAIN

GABION WALL

MASONRY WALL

GENERAL NOTES :

1. ALL THE DIMENSIONS ARE IN Mtr.
UNLESS OTHERWISE MENTIONED.
2. DO NOT SCALE THE DRAWING.

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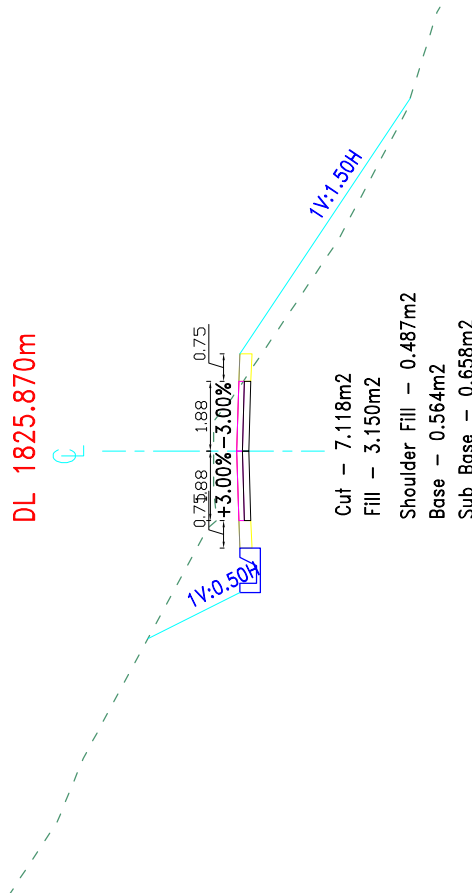
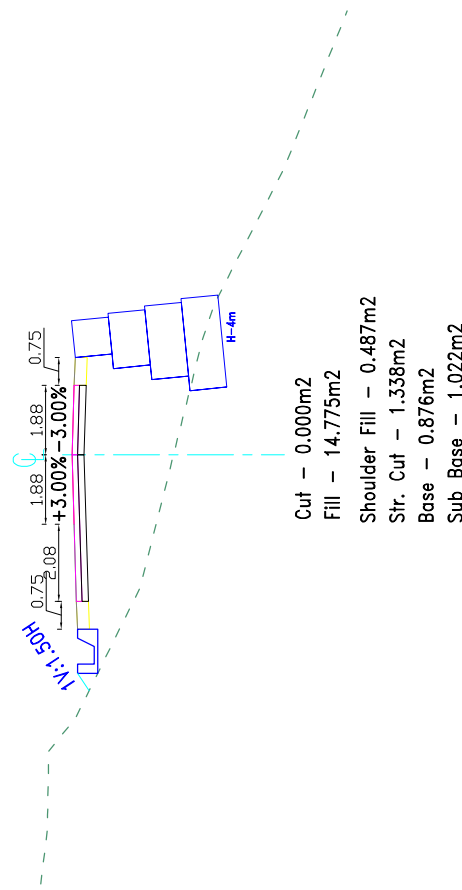
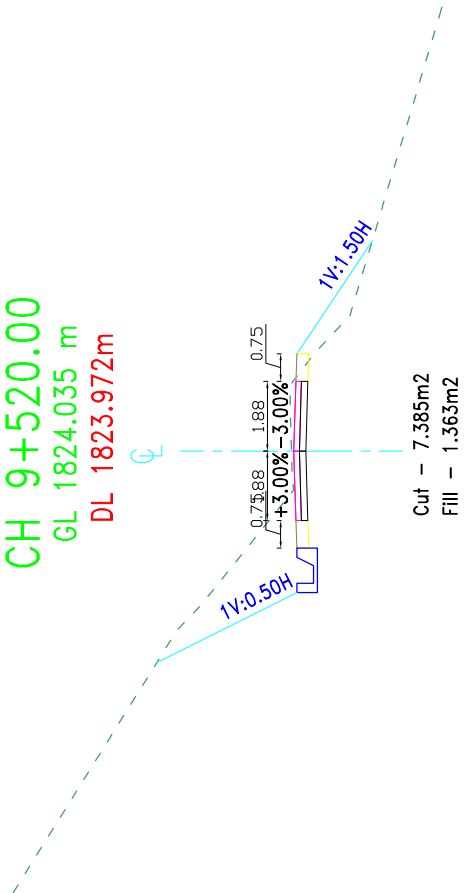
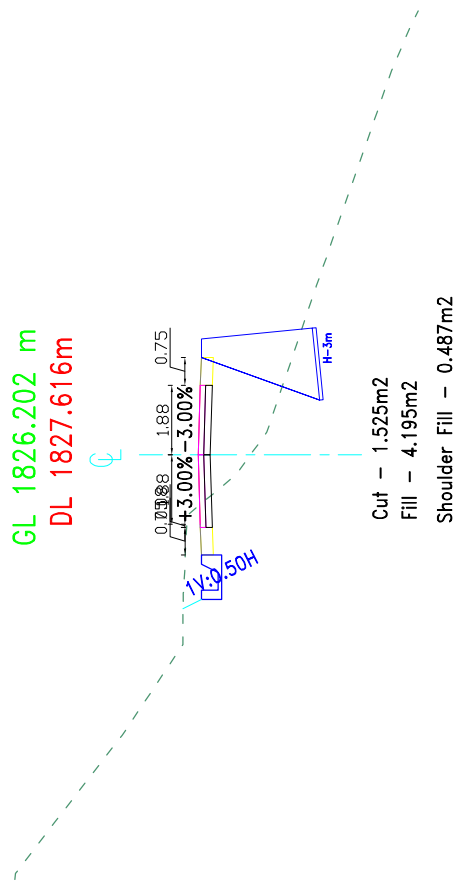
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT	CONSULTANT:  BEAM - CEMECA - Jy SARDALAJITHAR	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GESI PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNERI ROAD MADANPURI, NEPAL	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section CH 9+120.00-9+180.00	DATE: November, 2017
										DRWG NO.: 3
										SHEET No.: 115

[illegible]

[illegible]

[illegible]

[illegible]

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SPR0000041000000	 CEMCA - Jy Surya Raj Puri CONSULTANT:	 DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNARI ROAD MADANPURA, NEPAL PROJECT:	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY : NAME DESIGNATION SIGNATURE DATE				SCALE 1:200	Cross-Section	DATE: November, 2017 DRWG NO.: 3 SHEET No.: 120	
			CH 9+540.00 GL 1826.499 m DL 1825.870m  Cut – 7.118m2 Fill – 3.150m2 Shoulder Fill – 0.487m2 Base – 0.564m2 Sub Base – 0.658m2		CH 9+580.00 GL 1826.466 m DL 1829.210m  Cut – 0.000m2 Fill – 14.775m2 Shoulder Fill – 0.487m2 Str. Cut – 1.338m2 Base – 0.876m2 Sub Base – 1.022m2		CH 9+520.00 GL 1824.035 m DL 1823.972m  Cut – 7.385m2 Fill – 1.363m2 Shoulder Fill – 0.487m2 Base – 0.564m2 Sub Base – 0.658m2		CH 9+560.00 GL 1826.202 m DL 1827.616m  Cut – 1.525m2 Fill – 4.195m2 Shoulder Fill – 0.487m2 Str. Cut – 1.645m2 Back Fill – 0.280m2 Base – 0.576m2 Sub Base – 0.672m2	

LEGENDS :

CENTER LEVEL

GROUND LEVEL

DESIGN LEVEL

SIDE DRAIN

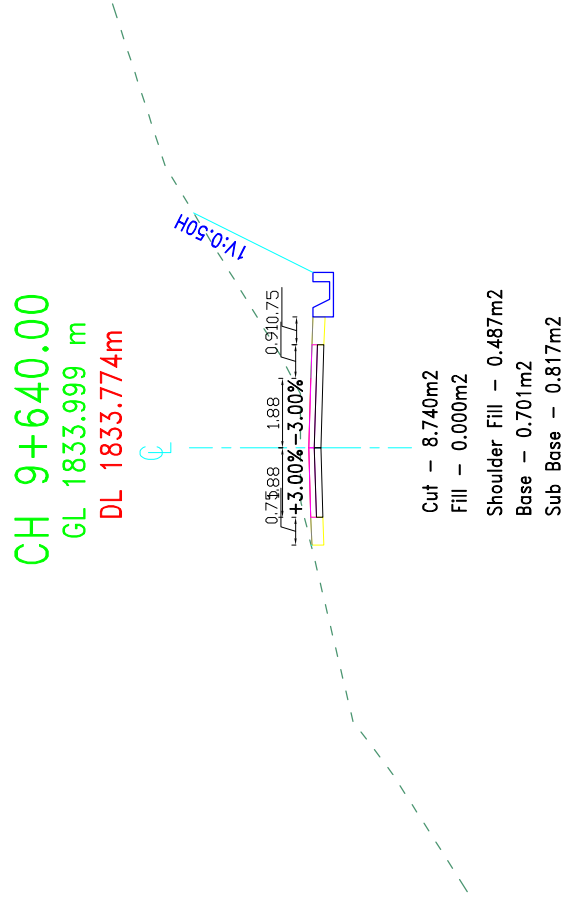
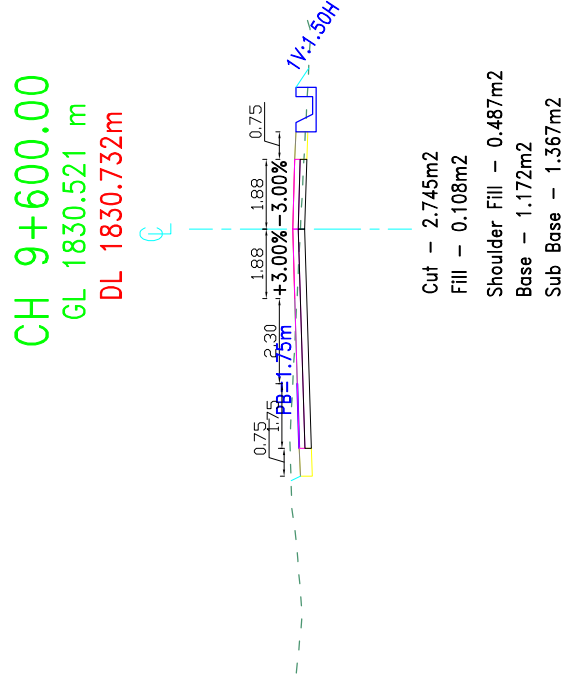
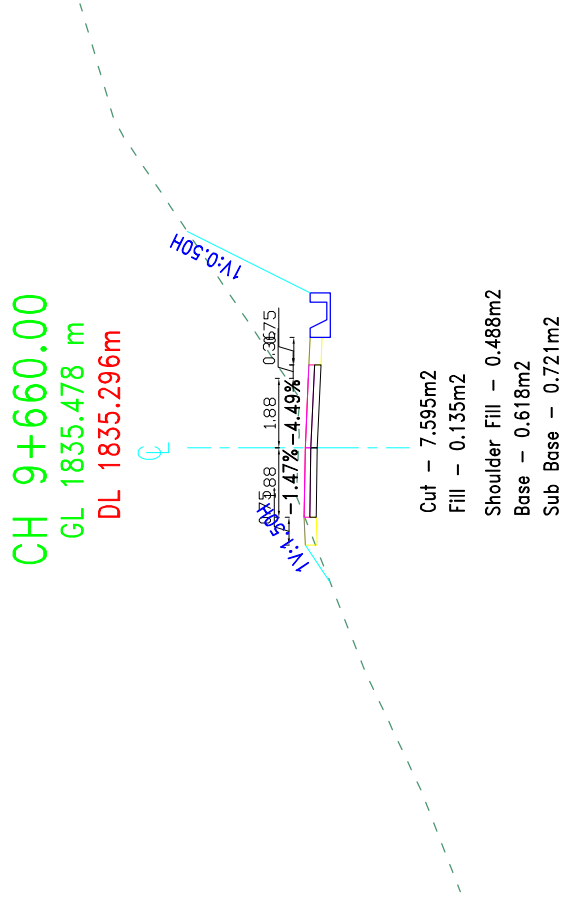
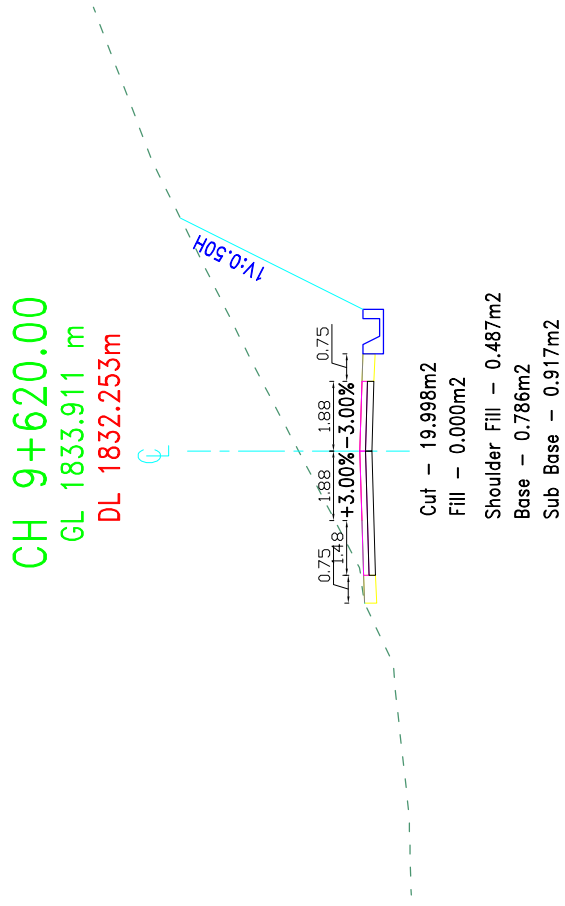
CABON WALL

MASONRY WALL

GENERAL NOTES :

1. ALL THE DIMENSIONS ARE IN MTR.
UNLESS OTHERWISE MENTIONED.

2. DO NOT SCALE THE DRAWING.



 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT REPRODUCTION	 BEAM - CEMICA - JV SANGHVI PARTNER	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCERNING THE STUDY AND BEST PLAN OF BHAMPHDI - BOGATE - IPA DUKULI - SIKHRET ROAD MANANGHOL, NEPAL	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section	CH 9+600.00 – 9+660.00
									DATE: November, 2017	DRWG NO.: 3

LEGENDS :	
CENTER LEVEL --- GROUND LEVEL - - - DESIGN LEVEL - - - SIDE DRAIN	GABION WALL [Symbol] MASONRY WALL [Symbol]

CH 9+620.00
GL 1833.911 m
DL 1832.253m

1V:0.50H

0.75
1.48
1.88
0.75
+3.00% - 3.00%

1V:1.50H

1.47% - 4.49%

0.3675

Cut - 19.998m2
Fill - 0.000m2
Shoulder Fill - 0.487m2
Base - 0.786m2
Sub Base - 0.917m2

CH 9+640.00
GL 1833.999 m
DL 1833.774m

1V:0.50H

0.75
1.88
1.88
0.910.75
+3.00% - 3.00%

1V:1.50H

1.47% - 4.49%

0.3675

Cut - 8.740m2
Fill - 0.000m2
Shoulder Fill - 0.487m2
Base - 0.701m2
Sub Base - 0.817m2

CH 9+620.00
GL 1833.911 m
DL 1832.253m

1V:0.50H

0.75
1.48
1.88
0.75
+3.00% - 3.00%

1V:1.50H

1.47% - 4.49%

0.3675

Cut - 19.998m2
Fill - 0.000m2
Shoulder Fill - 0.487m2
Base - 0.786m2
Sub Base - 0.917m2

CH 9+640.00
GL 1833.999 m
DL 1833.774m

1V:0.50H

0.75
1.88
1.88
0.910.75
+3.00% - 3.00%

1V:1.50H

1.47% - 4.49%

0.3675

Cut - 8.740m2
Fill - 0.000m2
Shoulder Fill - 0.487m2
Base - 0.701m2
Sub Base - 0.817m2

CH 9+660.00
GL 1835.478 m
DL 1835.296m

1V:0.50H

0.75
1.88
1.88
0.910.75
+3.00% - 3.00%

1V:1.50H

1.47% - 4.49%

0.3675

Cut - 7.595m2
Fill - 0.135m2
Shoulder Fill - 0.488m2
Base - 0.618m2
Sub Base - 0.721m2

CH 9+640.00
GL 1833.999 m
DL 1833.774m

1V:0.50H

0.75
1.88
1.88
0.910.75
+3.00% - 3.00%

1V:1.50H

1.47% - 4.49%

0.3675

Cut - 8.740m2
Fill - 0.000m2
Shoulder Fill - 0.487m2
Base - 0.701m2
Sub Base - 0.817m2

CH 9+660.00
GL 1835.478 m
DL 1835.296m

1V:0.50H

0.75
1.88
1.88
0.910.75
+3.00% - 3.00%

1V:1.50H

1.47% - 4.49%

0.3675

Cut - 7.595m2
Fill - 0.135m2
Shoulder Fill - 0.488m2
Base - 0.618m2
Sub Base - 0.721m2

CH 9+640.00
GL 1833.999 m
DL 1833.774m

1V:0.50H

0.75
1.88
1.88
0.910.75
+3.00% - 3.00%

1V:1.50H

1.47% - 4.49%

0.3675

Cut - 8.740m2
Fill - 0.000m2
Shoulder Fill - 0.487m2
Base - 0.701m2
Sub Base - 0.817m2

CH 9+660.00
GL 1835.478 m
DL 1835.296m

1V:0.50H

0.75
1.88
1.88
0.910.75
+3.00% - 3.00%

1V:1.50H

1.47% - 4.49%

0.3675

Cut - 7.595m2
Fill - 0.135m2
Shoulder Fill - 0.488m2
Base - 0.618m2
Sub Base - 0.721m2

CH 9+640.00
GL 1833.999 m
DL 1833.774m

1V:0.50H

0.75
1.88
1.88
0.910.75
+3.00% - 3.00%

1V:1.50H

1.47% - 4.49%

0.3675

Cut - 8.740m2
Fill - 0.000m2
Shoulder Fill - 0.487m2
Base - 0.701m2
Sub Base - 0.817m2

CH 9+660.00
GL 1835.478 m
DL 1835.296m

1V:0.50H

0.75
1.88
1.88
0.910.75
+3.00% - 3.00%

1V:1.50H

1.47% - 4.49%

0.3675

Cut - 7.595m2
Fill - 0.135m2
Shoulder Fill - 0.488m2
Base - 0.618m2
Sub Base - 0.721m2

CH 9+640.00
GL 1833.999 m
DL 1833.774m

1V:0.50H

0.75
1.88
1.88
0.910.75
+3.00% - 3.00%

1V:1.50H

1.47% - 4.49%

0.3675

Cut - 8.740m2
Fill - 0.000m2
Shoulder Fill - 0.487m2
Base - 0.701m2
Sub Base - 0.817m2

CH 9+660.00
GL 1835.478 m
DL 1835.296m

1V:0.50H

0.75
1.88
1.88
0.910.75
+3.00% - 3.00%

1V:1.50H

1.47% - 4.49%

0.3675

Cut - 7.595m2
Fill - 0.135m2
Shoulder Fill - 0.488m2
Base - 0.618m2
Sub Base - 0.721m2

CH 9+640.00
GL 1833.999 m
DL 1833.774m

1V:0.50H

0.75
1.88
1.88
0.910.75
+3.00% - 3.00%

1V:1.50H

1.47% - 4.49%

0.3675

Cut - 8.740m2
Fill - 0.000m2
Shoulder Fill - 0.487m2
Base - 0.701m2
Sub Base - 0.817m2

CH 9+660.00
GL 1835.478 m
DL 1835.296m

1V:0.50H

0.75
1.88
1.88
0.910.75
+3.00% - 3.00%

1V:1.50H

1.47% - 4.49%

0.3675

Cut - 7.595m2
Fill - 0.135m2
Shoulder Fill - 0.488m2
Base - 0.618m2
Sub Base - 0.721m2

CH 9+640.00
GL 1833.999 m
DL 1833.774m

1V:0.50H

0.75
1.88
1.88
0.910.75
+3.00% - 3.00%

1V:1.50H

1.47% - 4.49%

0.3675

Cut - 8.740m2
Fill - 0.000m2
Shoulder Fill - 0.487m2
Base - 0.701m2
Sub Base - 0.817m2

CH 9+660.00
GL 1835.478 m
DL 1835.296m

1V:0.50H

0.75
1.88
1.88
0.910.75
+3.00% - 3.00%

1V:1.50H

1.47% - 4.49%

0.3675

Cut - 7.595m2
Fill - 0.135m2
Shoulder Fill - 0.488m2
Base - 0.618m2
Sub Base - 0.721m2

CH 9+640.00
GL 1833.999 m
DL 1833.774m

1V:0.50H

0.75
1.88
1.88
0.910.75
+3.00% - 3.00%

1V:1.50H

1.47% - 4.49%

0.3675

Cut - 8.740m2
Fill - 0.000m2
Shoulder Fill - 0.487m2
Base - 0.701m2
Sub Base - 0.817m2

CH 9+660.00
GL 1835.478 m
DL 1835.296m

1V:0.50H

0.75
1.88
1.88
0.910.75
+3.00% - 3.00%

1V:1.50H

1.47% - 4.49%

0.3675

Cut - 7.595m2
Fill - 0.135m2
Shoulder Fill - 0.488m2
Base - 0.618m2
Sub Base - 0.721m2

CH 9+640.00
GL 1833.999 m
DL 1833.774m

1V:0.50H

0.75
1.88
1.88
0.910.75
+3.00% - 3.00%

1V:1.50H

1.47% - 4.49%

0.3675

Cut - 8.740m2
Fill - 0.000m2
Shoulder Fill - 0.487m2
Base - 0.701m2
Sub Base - 0.817m2

CH 9+660.00
GL 1835.478 m
DL 1835.296m

1V:0.50H

0.75
1.88
1.88
0.910.75
+3.00% - 3.00%

1V:1.50H

1.47% - 4.49%

0.3675

Cut - 7.595m2
Fill - 0.135m2
Shoulder Fill - 0.488m2
Base - 0.618m2
Sub Base - 0.721m2

CH 9+640.00
GL 1833.999 m
DL 1833.774m

1V:0.50H

0.75
1.88
1.88
0.910.75
+3.00% - 3.00%

1V:1.50H

1.47% - 4.49%

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Cut - 8.740m2
Fill - 0.000m2
Shoulder Fill - 0.487m2
Base - 0.701m2
Sub Base - 0.817m2

CH 9+660.00
GL 1835.478 m
DL 1835.296m

1V:0.50H

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+3.00% - 3.00%

1V:1.50H

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Cut - 7.595m2
Fill - 0.135m2
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Base - 0.618m2
Sub Base - 0.721m2

CH 9+640.00
GL 1833.999 m
DL 1833.774m

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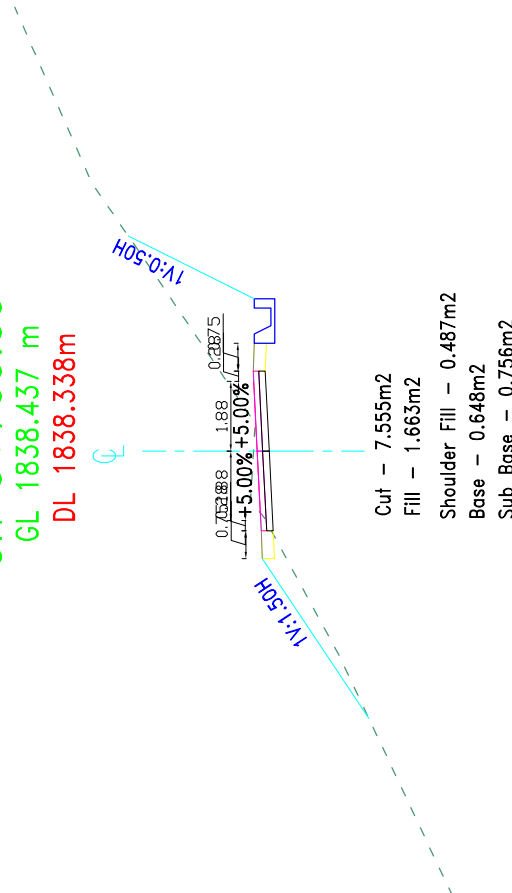
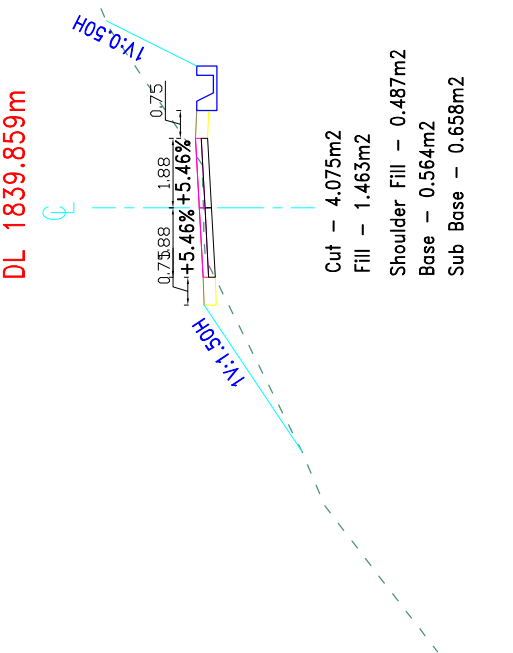
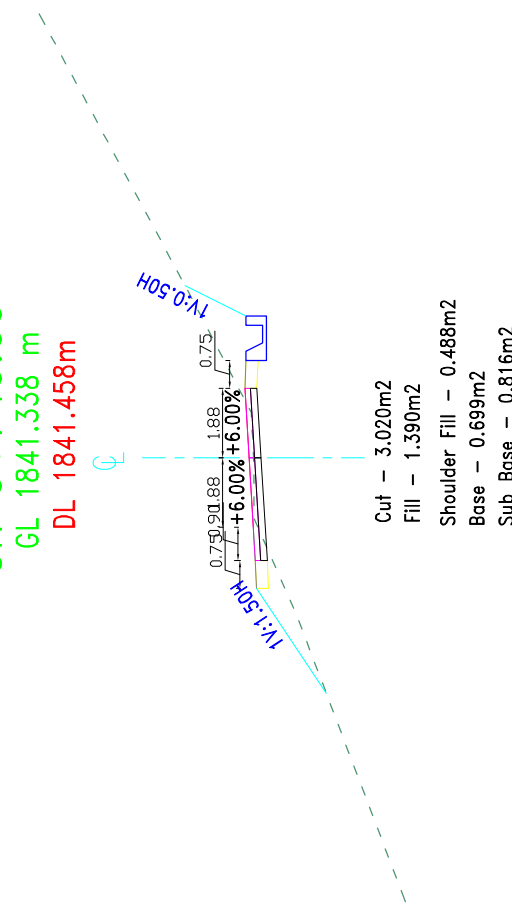
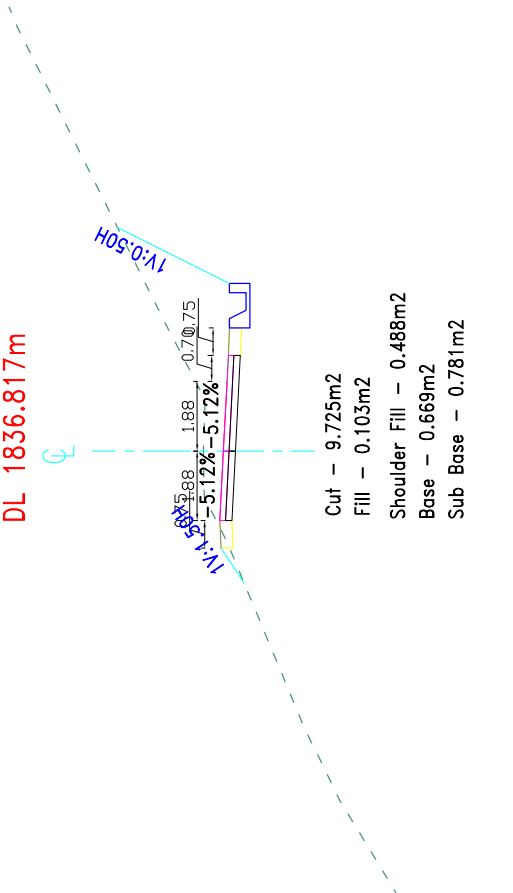
1V:0.50H

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1.47% - 4.49%

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 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU  BEAM - CEMCA - Jy SARWALAYITH		PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DUDURALI - SUNNERI ROAD KATHMANDU, NEPAL		CONSULTANT: BEAM - CEMCA - Jy SARWALAYITH		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE		SCALE 1:200		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 122	
CH 9+700.00 GL 1838.437 m DL 1838.338m 		CH 9+720.00 GL 1839.748 m DL 1839.859m 		CH 9+740.00 GL 1841.338 m DL 1841.458m 		CH 9+680.00 GL 1837.358 m DL 1836.817m 															

LEGENDS :

CENTER LEVEL

GROUND LEVEL

DESIGN LEVEL

SIDE DRAIN

GABION WALL

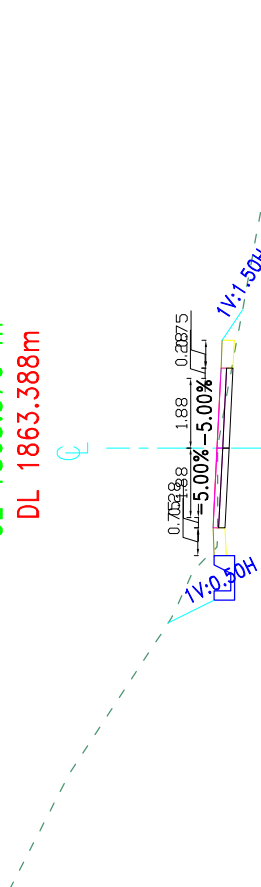
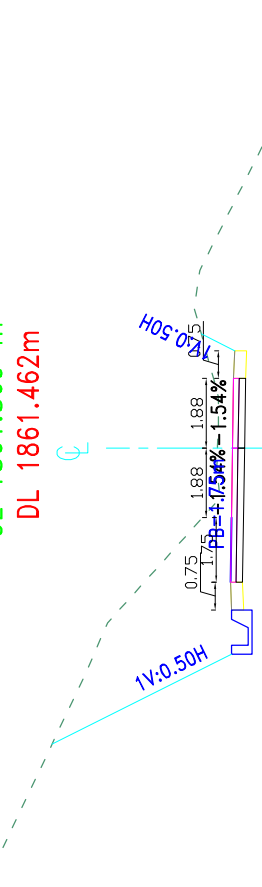
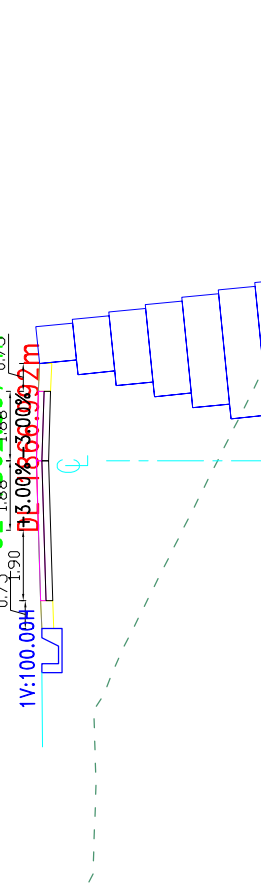
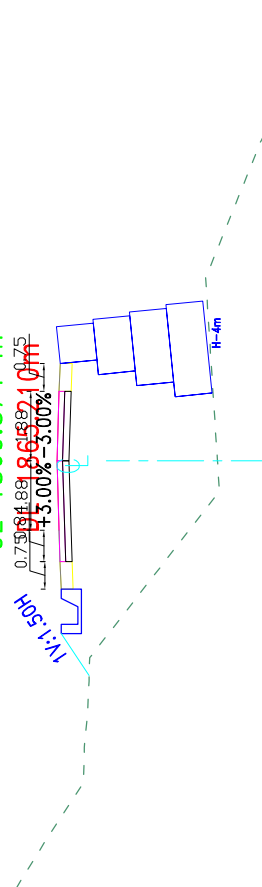
MASONRY WALL

GENERAL NOTES :

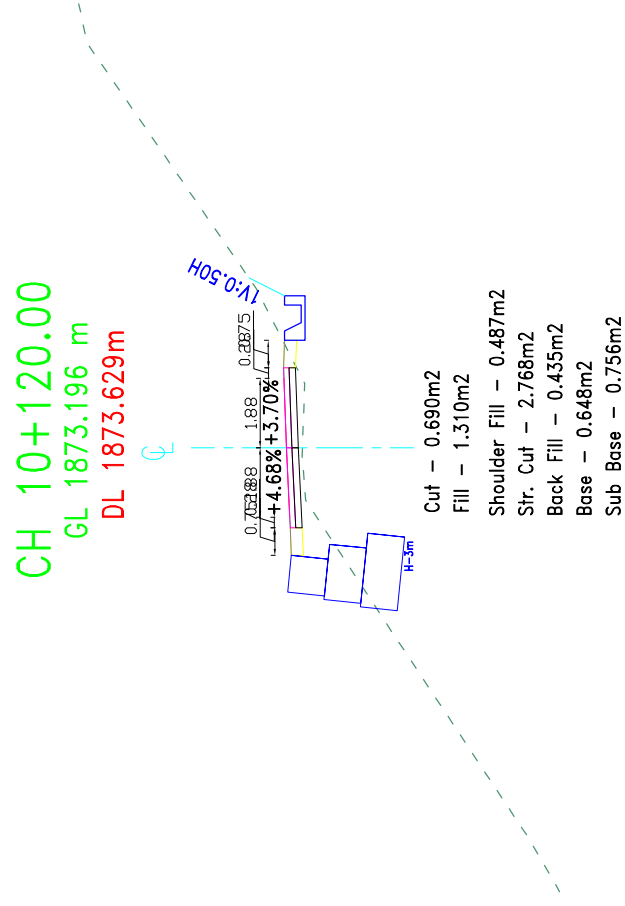
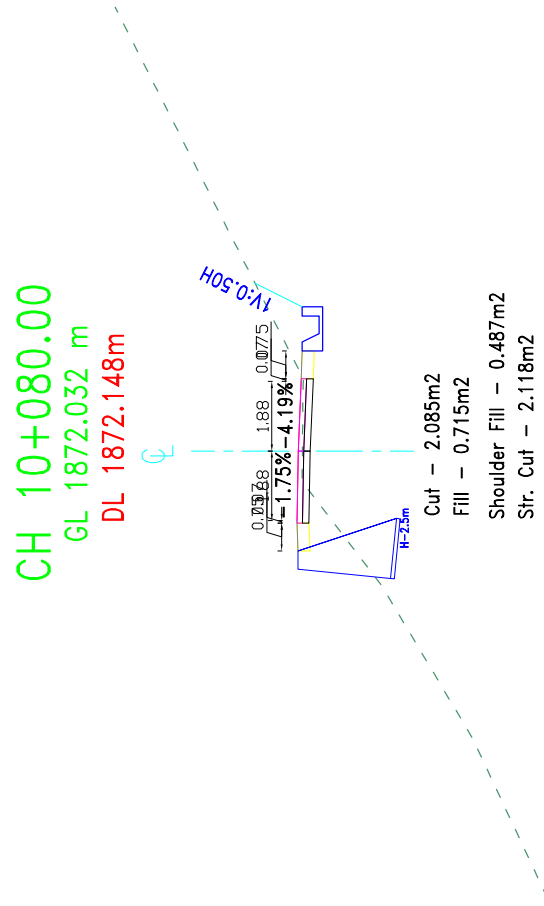
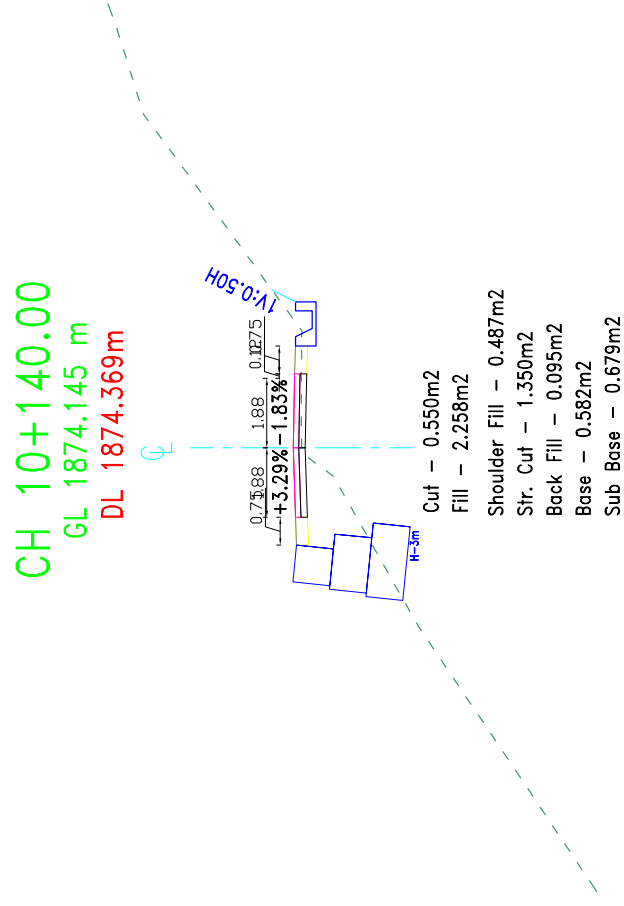
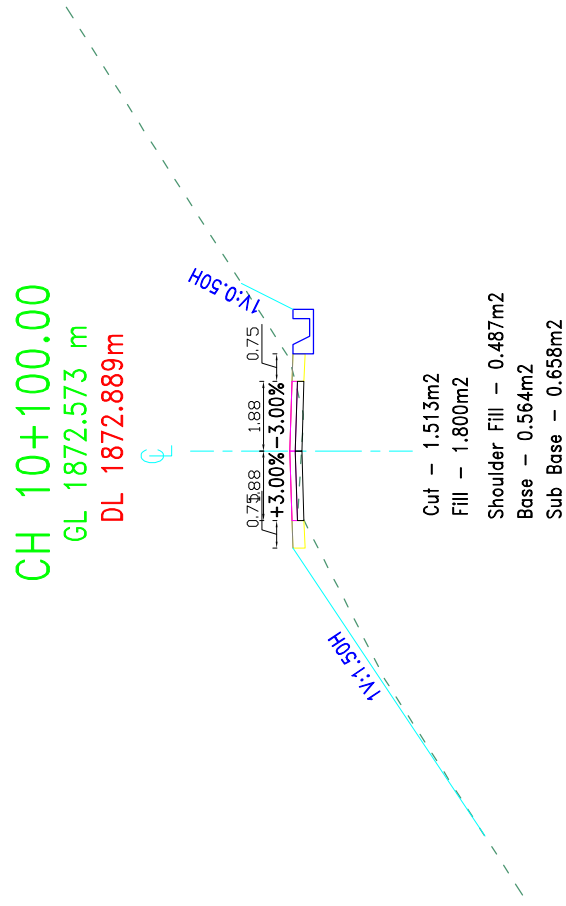
1. ALL THE DIMENSIONS ARE IN MTR.
UNLESS OTHERWISE MENTIONED.
2. DO NOT SCALE THE DRAWING.

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 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU  BEAM - CEMCA - Jy SARWAL, Jy SARWAL, Jy CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESSETTLEMENT PLAN CONCERN THE STUDY AND COST PLAN OF BHEMPHEDI - BOGATE - JPA DUKALI - SUNNET ROAD KATHMANDU, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY : NAME DESIGNATION SIGNATURE DATE		SCALE		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 125	
CH 9+940.00 GL 1863.376 m DL 1863.388m  Cut – 2.153m2 Fill – 0.188m2 Shoulder Fill – 0.487m2 Base – 0.648m2 Sub Base – 0.756m2		CH 9+920.00 GL 1861.869 m DL 1861.462m  Cut – 17.883m2 Fill – 0.003m2 Shoulder Fill – 0.488m2 Base – 0.826m2 Sub Base – 0.965m2		CH 9+980.00 GL 1862.097 m DL 1862.32m  Cut – 0.000m2 Fill – 30.195m2 Shoulder Fill – 0.487m2 Str. Cut – 3.600m2 Back Fill – 0.363m2 Base – 0.849m2 Sub Base – 0.991m2		CH 9+960.00 GL 1860.874 m DL 1861.10m  Cut – 0.000m2 Fill – 21.948m2 Shoulder Fill – 0.487m2 Base – 0.690m2 Sub Base – 0.805m2			

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT	 BEAM - CEMICA - Jy SARWALJITR	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GDSI PLAN OF BHIMPHEDI - BOGATE - IPA DURALI - SUNERI ROAD MANANGPUL, NEPAL	CONSULTANT: DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :				NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section	DATE: November, 2017 DRWG NO.: 3 SHEET No.: 126



 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SPOKOOLAHIMPA  BEAM - CEMECA - Jy SARDALATHEER PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPEDI - BOGATE - IPA DEURALI - SUSNETI ROAD MANAWAPOR, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017		DRWG NO.: 3		SHEET No.: 127			
														1:200		CH 10+080.00-10+140.00									

LEGENDS :		GENERAL NOTES :	
CENTER LEVEL	GABION WALL	1. ALL THE DIMENSIONS ARE IN MET.	
GROUND LEVEL	MASONRY WALL	UNLESS OTHERWISE MENTIONED.	
DESIGN LEVEL		2. DO NOT SCALE THE DRAWING.	
SIDE DRAIN			

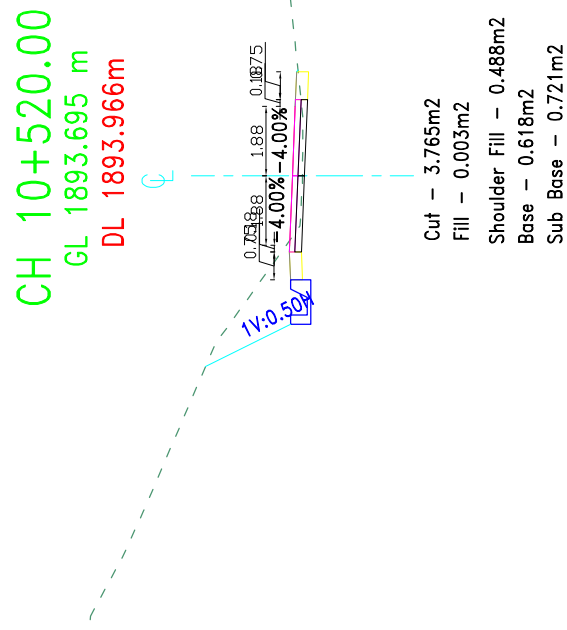
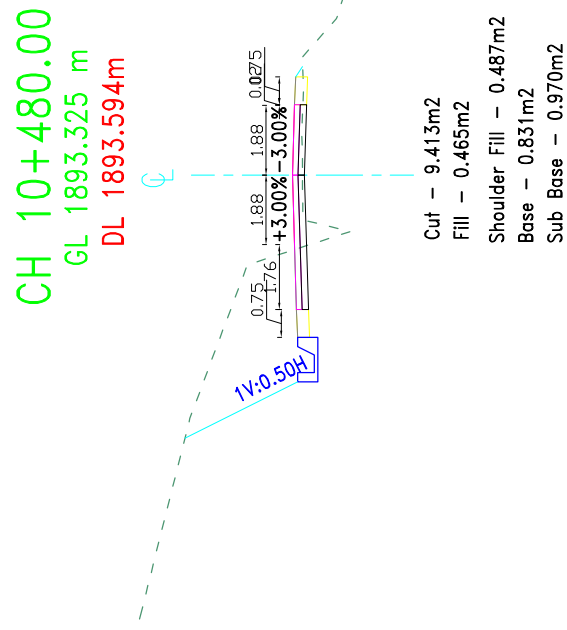
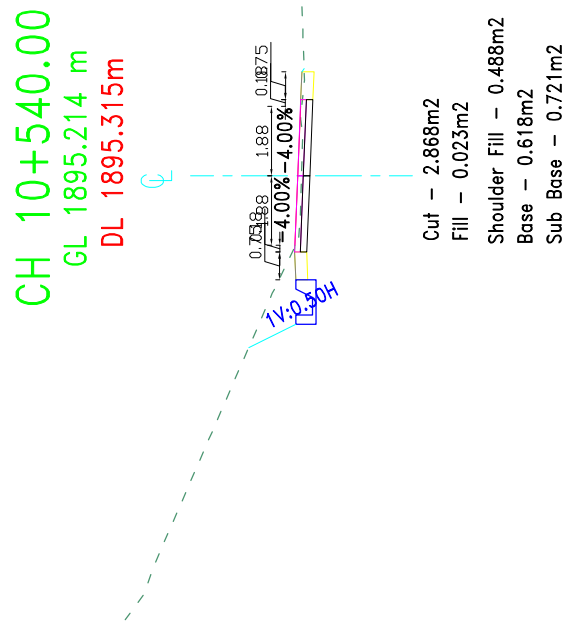
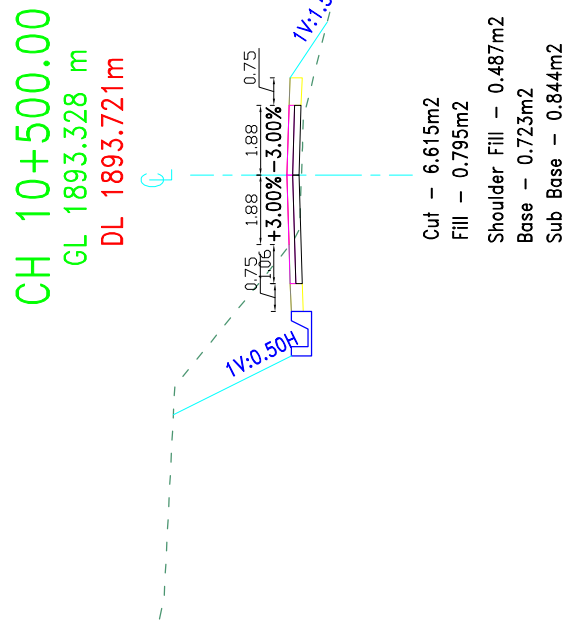
CH 10+100.00

GL 1872.573 m

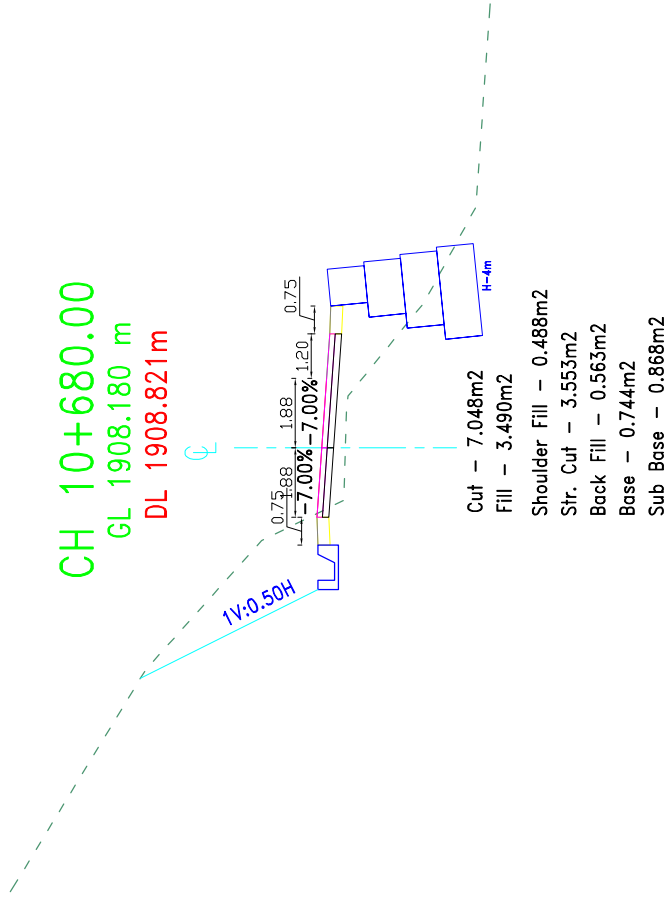
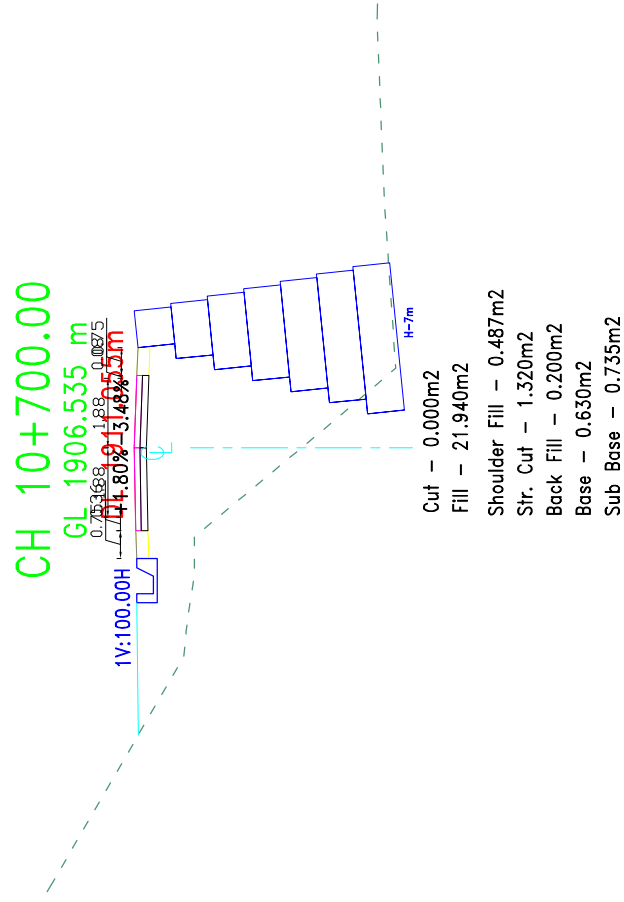
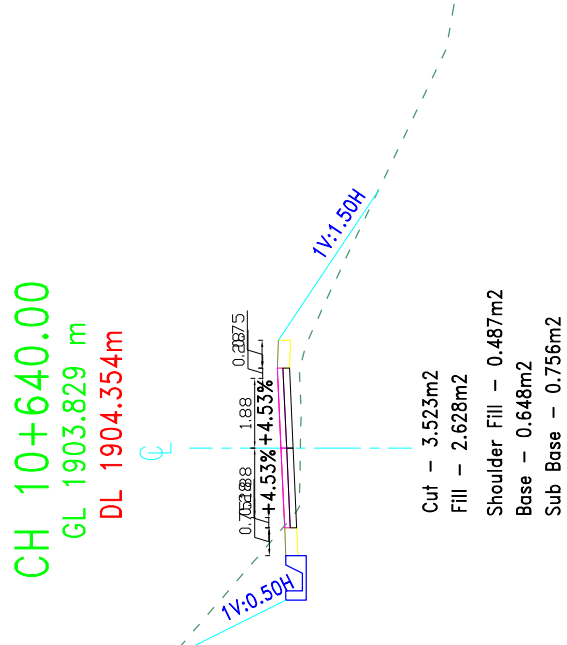
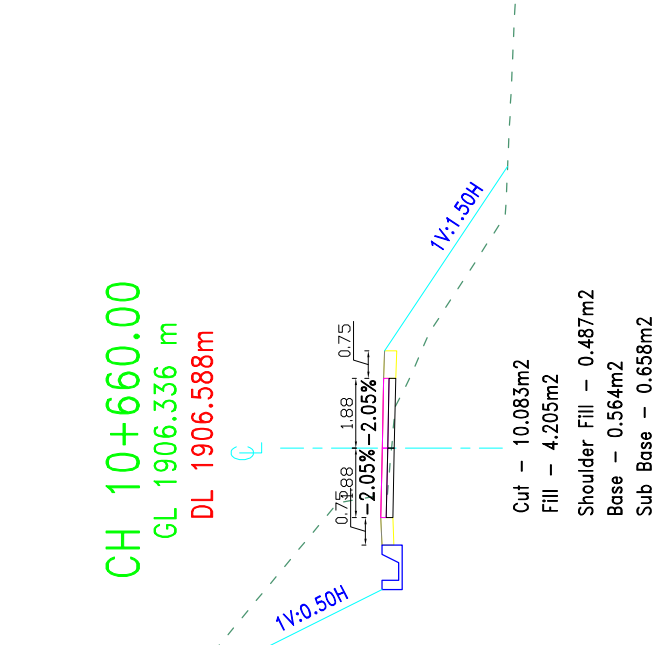
DL 1872.889m

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - Jy SARDALATHE CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GDSI PLAN OF BHIMPHEDI - BOGATE - IPA DHURALI - SUNNERI ROAD MADANPURI, NEPAL DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY : NAME DESIGNATION SIGNATURE DATE SCALE 1:200 Cross-Section DATE: November, 2017 DRWG NO.: 3 SHEET No.: 128										CH 10+180.00 GL 1878.437 m DL 1876.400m 1V:0.50H H=3m +3.00% - 3.00% 0.75 1.88 1.90 Cut – 22.703m² Fill – 0.000m² Shoulder Fill – 0.487m² Base – 0.849m² Sub Base – 0.991m² 1V:0.50H H=3m +3.00% - 3.00% 0.75 1.88 1.90 Cut – 27.643m² Fill – 0.000m² Shoulder Fill – 0.487m² Base – 0.701m² Sub Base – 0.817m² CH 10+220.00 GL 1881.662 m DL 1880.149m 1V:0.50H H=3m +3.00% - 3.00% 0.75 1.88 0.75 Cut – 27.643m² Fill – 0.000m² Shoulder Fill – 0.487m² Base – 0.701m² Sub Base – 0.817m² 1V:0.50H H=3m +3.00% - 3.00% 0.75 1.88 0.75 Cut – 27.643m² Fill – 0.000m² Shoulder Fill – 0.487m² Base – 0.701m² Sub Base – 0.817m² CH 10+160.00 GL 1873.947 m DL 1875.109m 1V:0.50H H=3m +3.00% - 3.00% 0.75 1.88 1.90 Cut – 1.465m² Fill – 4.120m² Shoulder Fill – 0.487m² Sir. Cut – 2.825m² Back Fill – 0.348m² Base – 0.849m² Sub Base – 0.991m² 1V:0.50H H=3m +3.00% - 3.00% 0.75 1.88 1.90 Cut – 1.465m² Fill – 4.120m² Shoulder Fill – 0.487m² Sir. Cut – 2.825m² Back Fill – 0.348m² Base – 0.849m² Sub Base – 0.991m² CH 10+200.00 GL 1882.475 m DL 1878.351m 1V:0.50H H=3m +3.00% - 3.00% 0.75 1.88 0.75 Cut – 27.643m² Fill – 0.000m² Shoulder Fill – 0.488m² Base – 0.836m² Sub Base – 0.975m² 1V:0.50H H=3m +3.00% - 3.00% 0.75 1.88 0.75 Cut – 27.643m² Fill – 0.000m² Shoulder Fill – 0.488m² Base – 0.836m² Sub Base – 0.975m² LEGENDS : CENTER LEVEL GROUND LEVEL DESIGN LEVEL SIDE DRAIN GABION WALL MASONRY WALL GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN MTR. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.									
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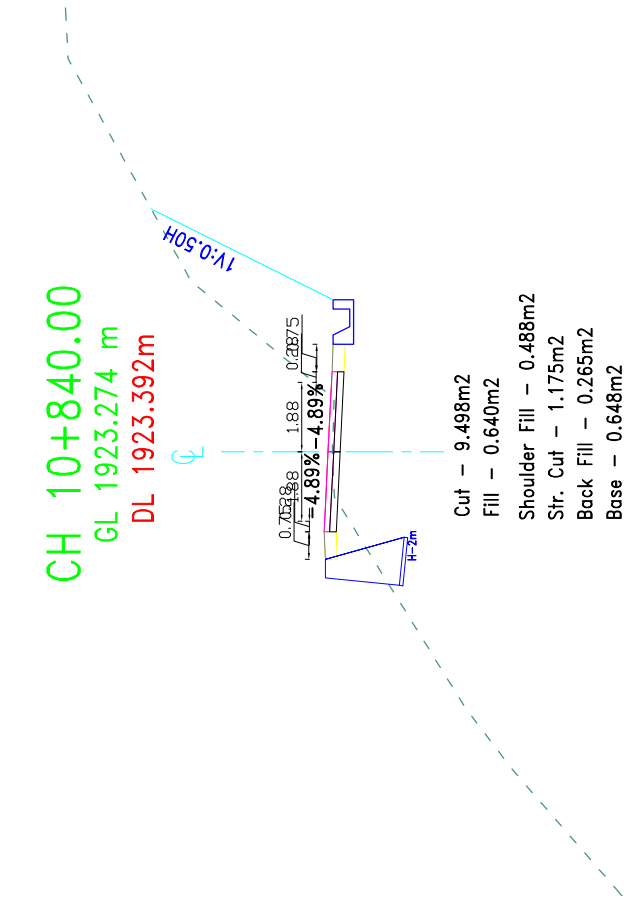
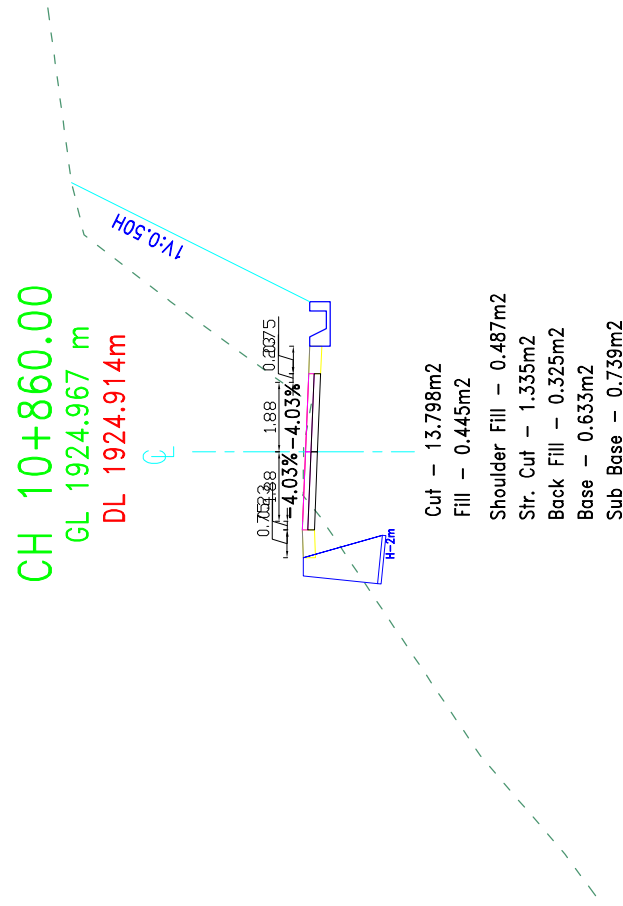
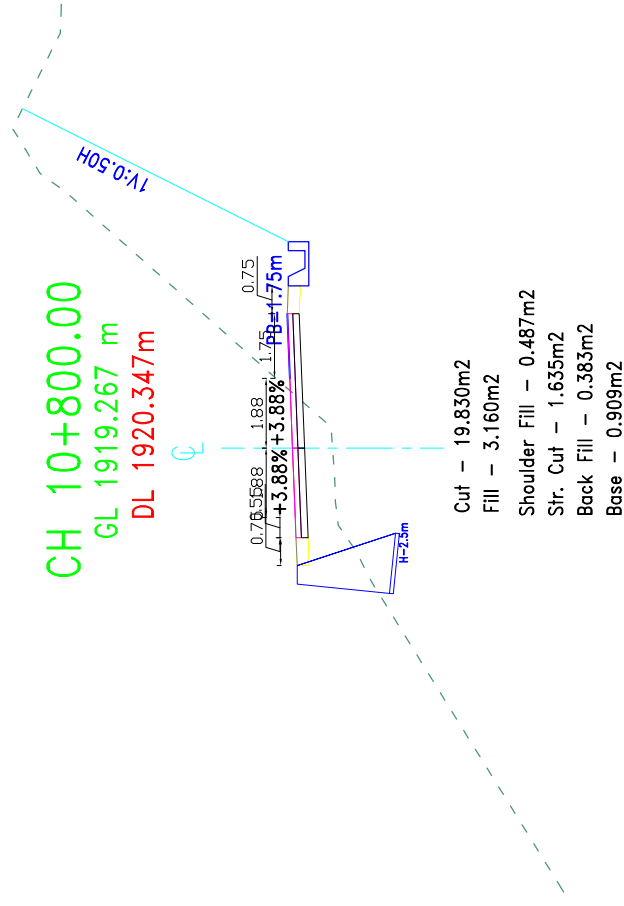
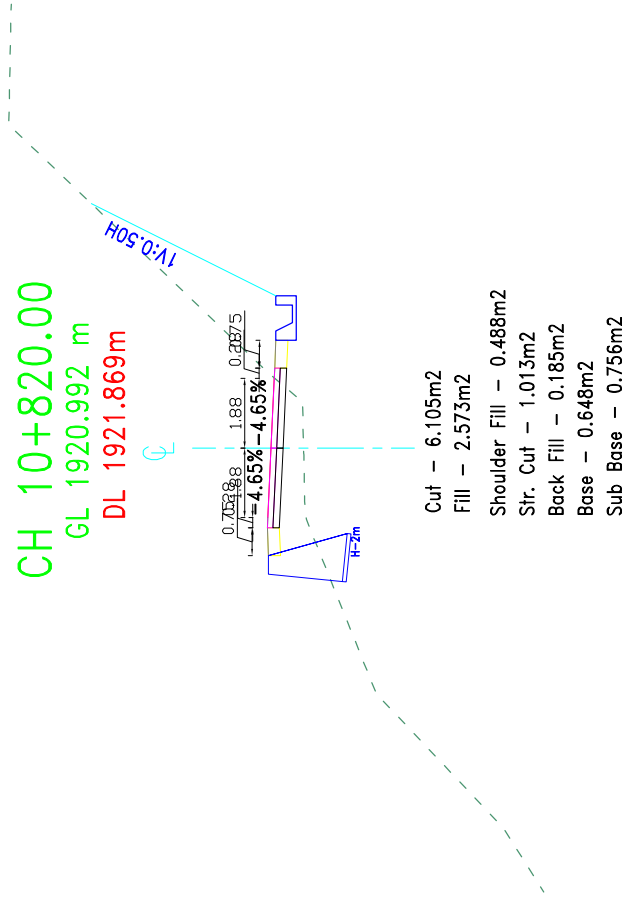
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 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU	CONSULTANT:  BEAM - CEMECA - Jy SANGRA, KATHMANDU	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GESI PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNSARI ROAD KATHMANDU, NEPAL		NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section	DATE: November, 2017			
			DESIGNED BY :								DRAWG NO.: 3		
			CHECKED BY :									CH 10+480.00-10+540.00	SHEET No. : 132
			RECOMMENDED BY :										
			APPROVED BY :										

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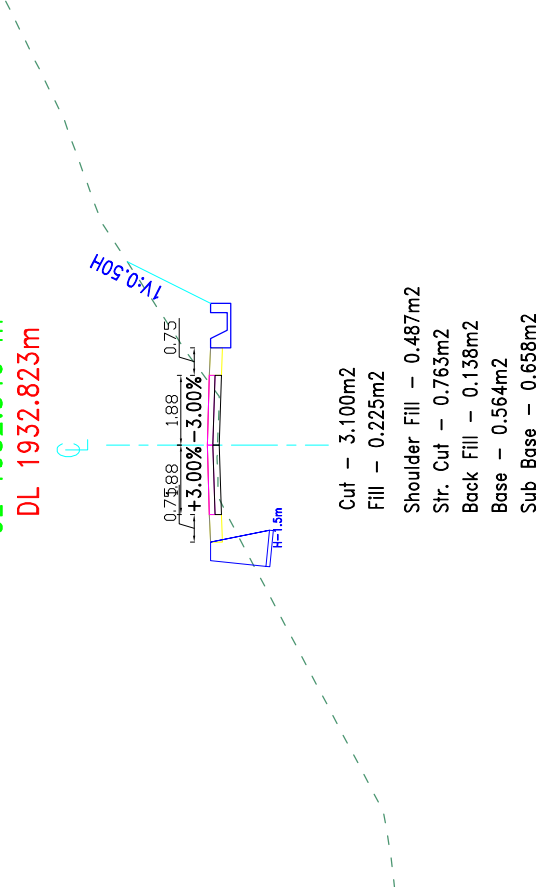
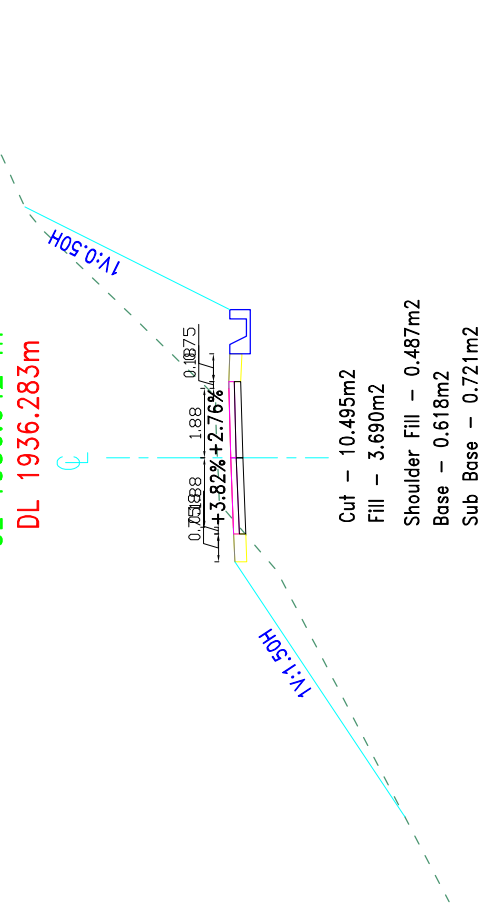
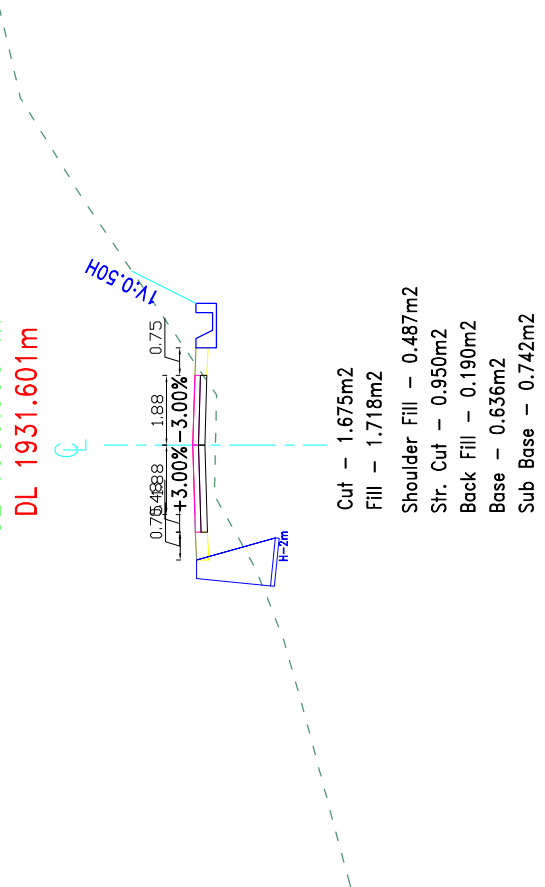
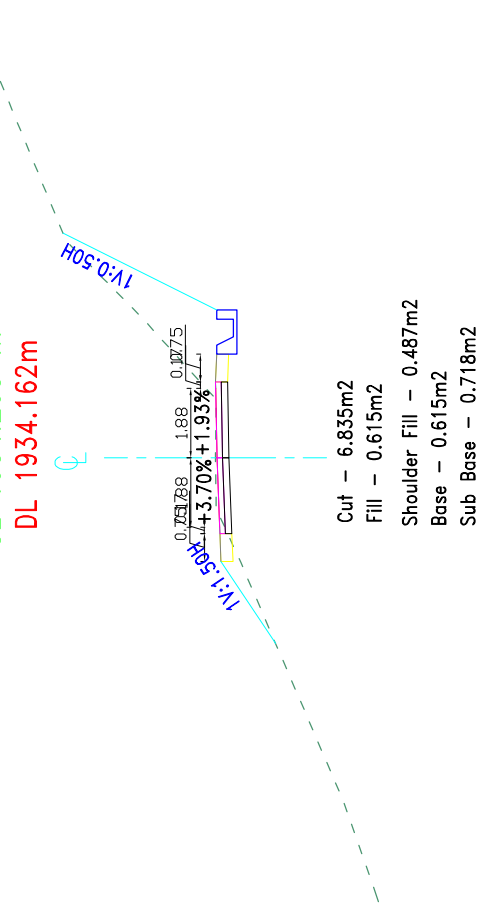
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LEGENDS :  CENTER LEVEL  GROUND LEVEL  DESIGN LEVEL  SIDE DRAIN	GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.
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 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU	 BEAM - CEMECA - Jy SANGRA, KATHMANDU	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN, CONCISE HBS STUDY AND GSI PLAN OF BHIMPEDI - BOGATE - IPA DUKHALI - SIKHARI ROAD, KATHMANDU, NEPAL	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section	DATE: November, 2017
									DRAWN NO.: 3
									CH 10+800.00-10+860.00
									SHEET No.: 136

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 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT REPRODUCTION	 BEAM - CEMECA - Jy SARWAL/ATMOR	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GDSI PLAN OF BHIMPHEDI - BOGATE - IPA DUDRALI - SUNNERTI ROAD MADANPURI, NEPAL	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section	DATE: November, 2017
									DRWG NO.: 3
									SHEET No.: 138
CH 10+980.00 GL 1932.546 m DL 1932.823m  CH 11+020.00 GL 1936.642 m DL 1936.283m  CH 10+960.00 GL 1930.990 m DL 1931.601m  CH 11+000.00 GL 1934.205 m DL 1934.162m 									

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT REPRODUCTION  BEAM - CEMECA - Jy SARWAL/ATP/18 CONSULTANT: PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNERTI ROAD MADANPURI, NEPAL	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :				NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section	DATE: November, 2017 DRWG NO.: 3 SHEET No.: 139
	CH 11+040.00 GL 1939.336 m DL 1938.501m Cut – 9.423m2 Fill – 0.003m2 Shoulder Fill – 0.487m2 Base – 0.564m2 Sub Base – 0.658m2										

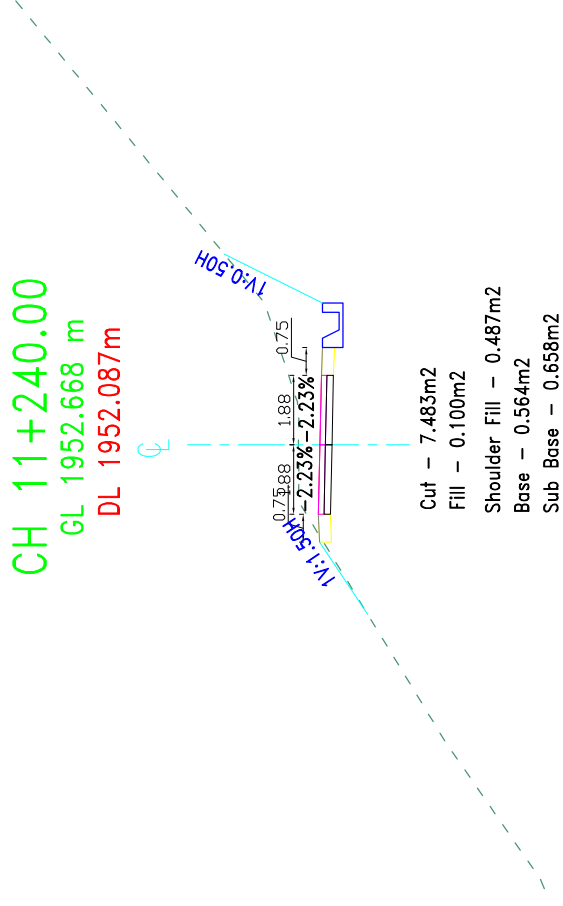
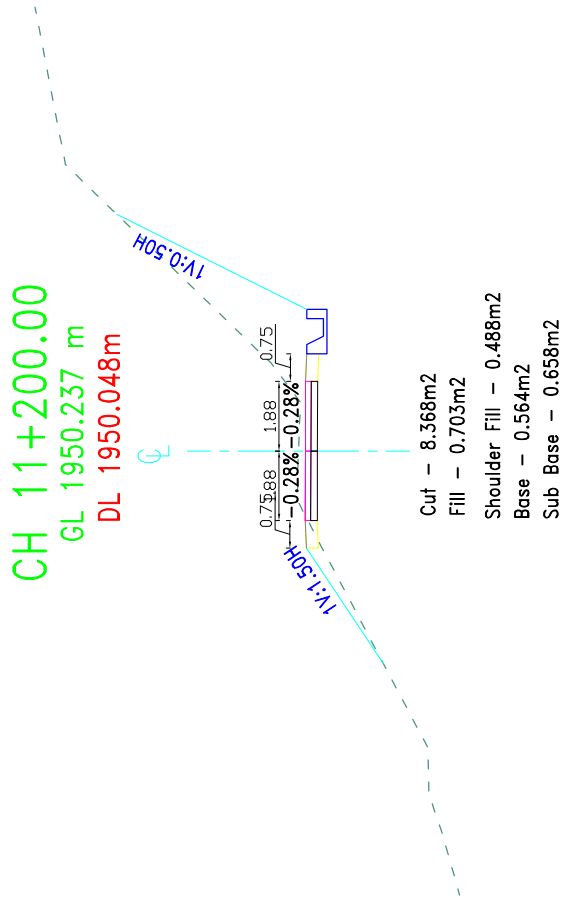
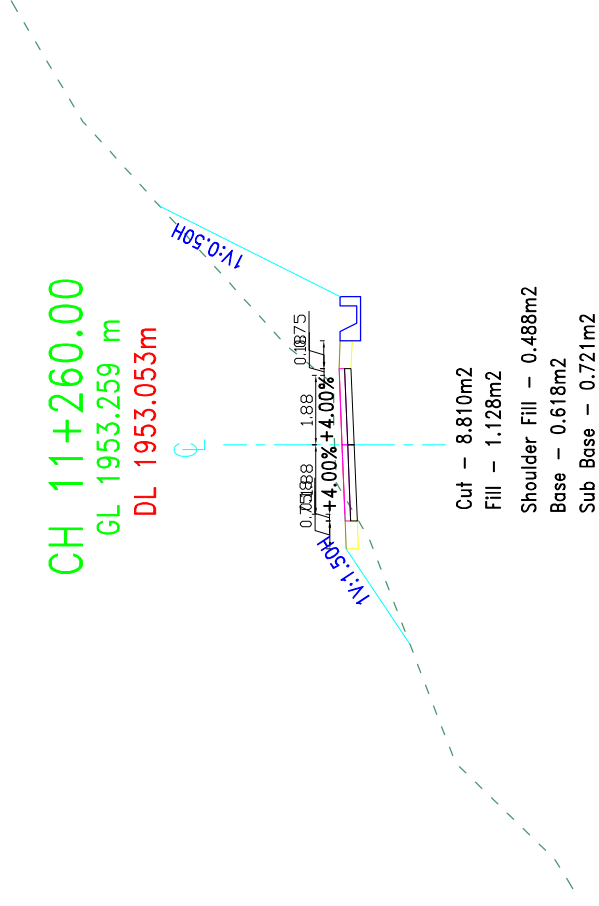
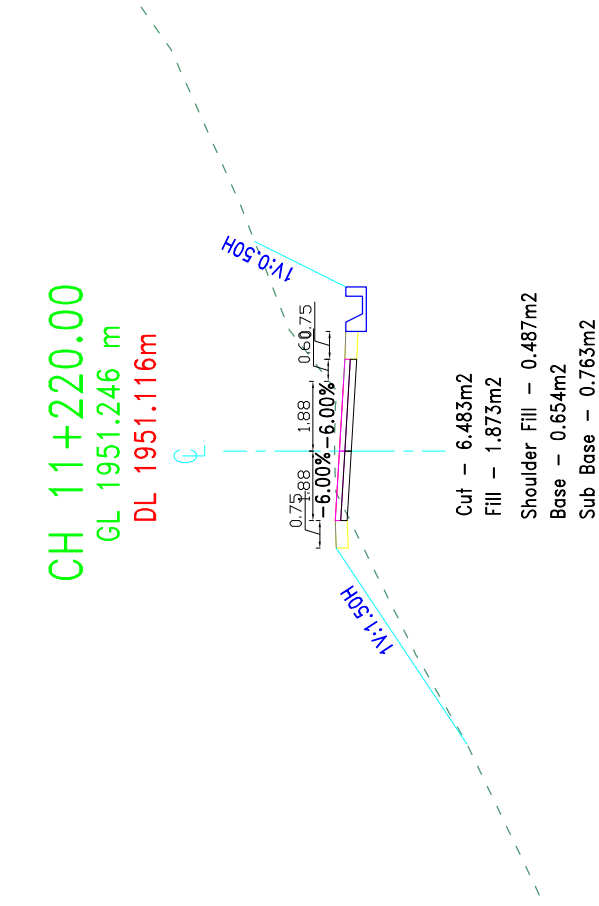
CH 11+060.00 GL 1941.024 m DL 1940.476m Cut – 10.633m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.564m2 Sub Base – 0.658m2										

CH 11+080.00 GL 1942.492 m DL 1942.184m Cut – 8.008m2 Fill – 0.058m2 Shoulder Fill – 0.487m2 Base – 0.564m2 Sub Base – 0.658m2										

CH 11+100.00 GL 1943.267 m DL 1943.626m Cut – 1.835m2 Fill – 5.473m2 Shoulder Fill – 0.487m2 Base – 0.827m2 Sub Base – 0.965m2										

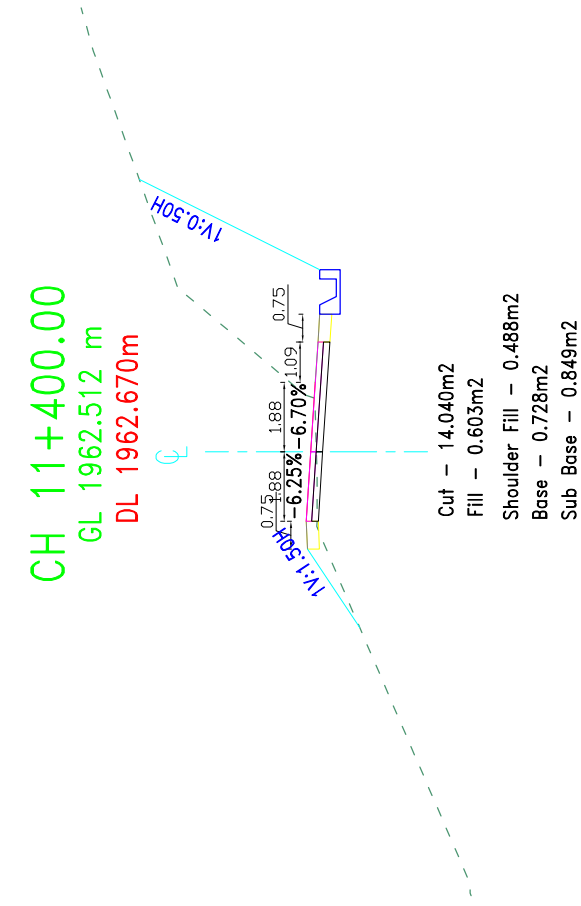
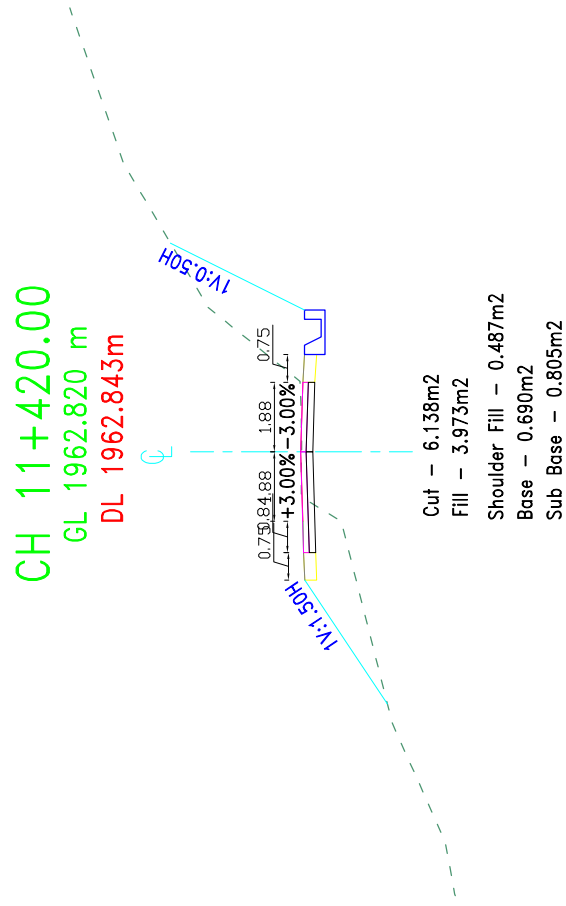
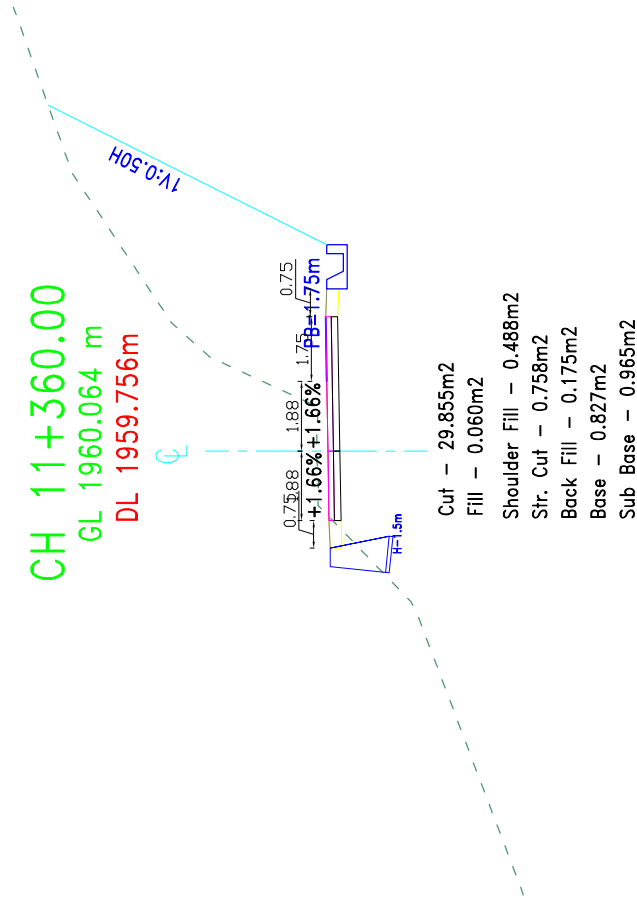
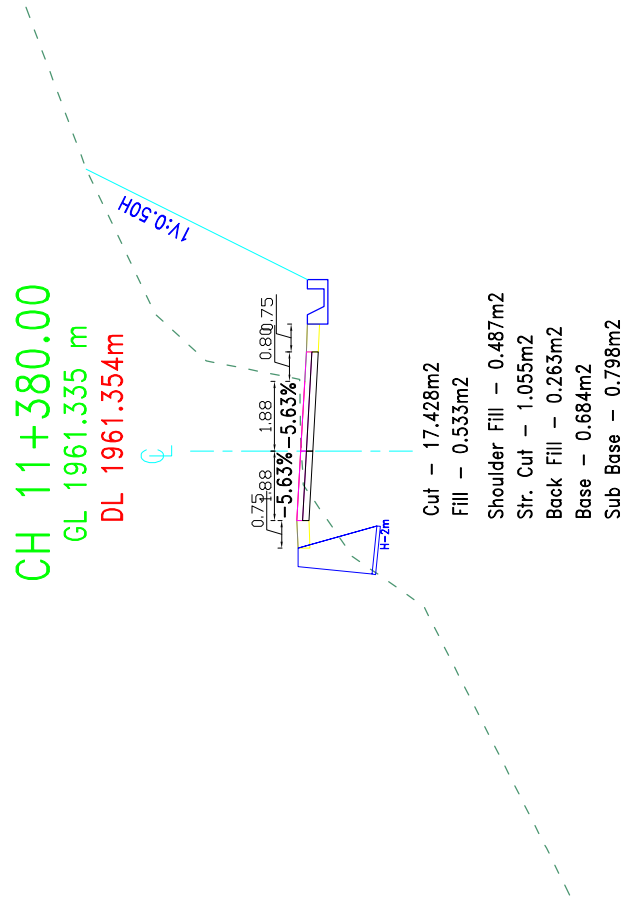
LEGENDS : CENTER LEVEL GROUND LEVEL DESIGN LEVEL SIDE DRAIN CABION WALL MASONRY WALL GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN Mtr. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.										

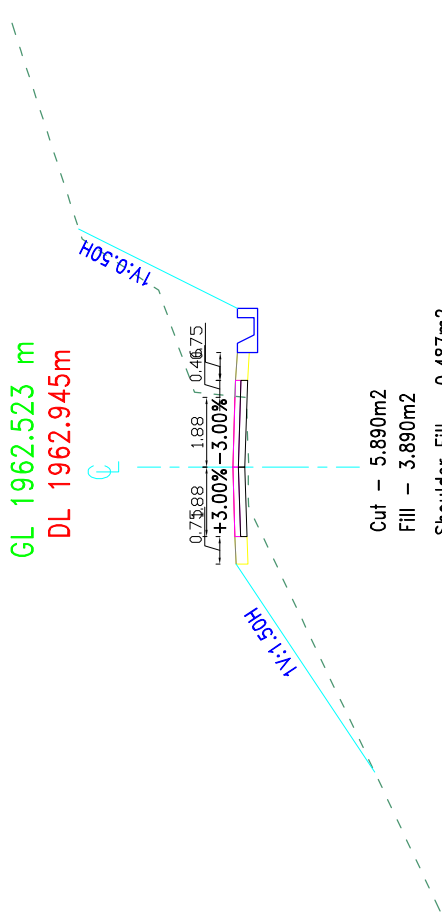
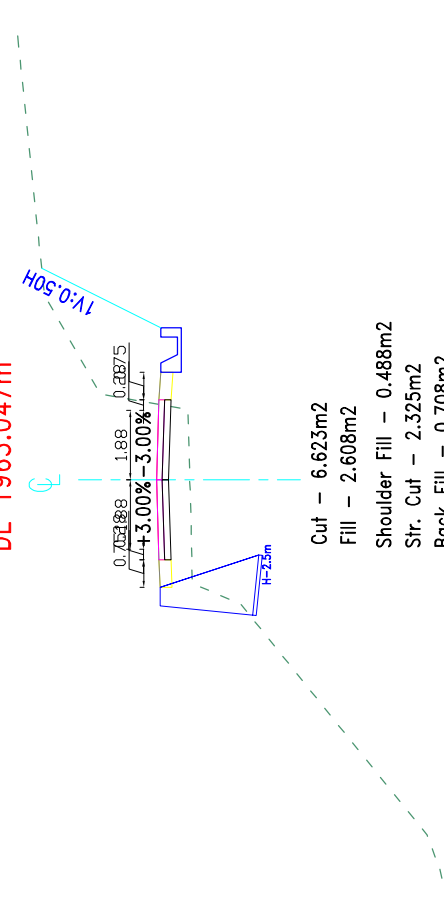
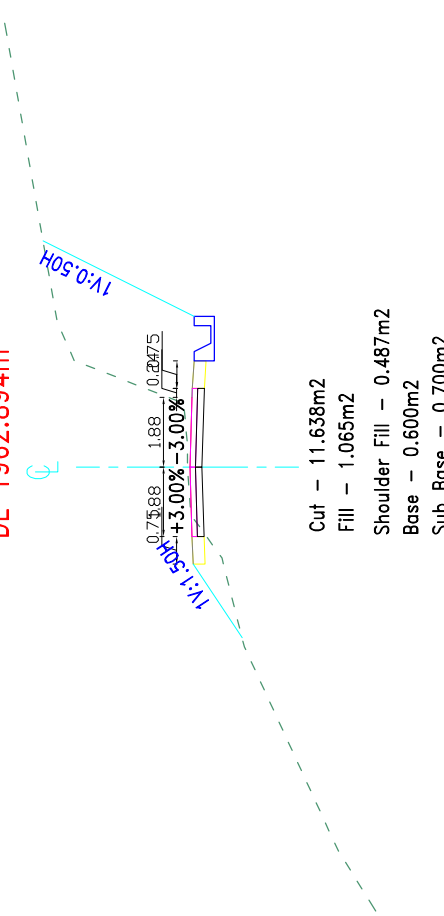
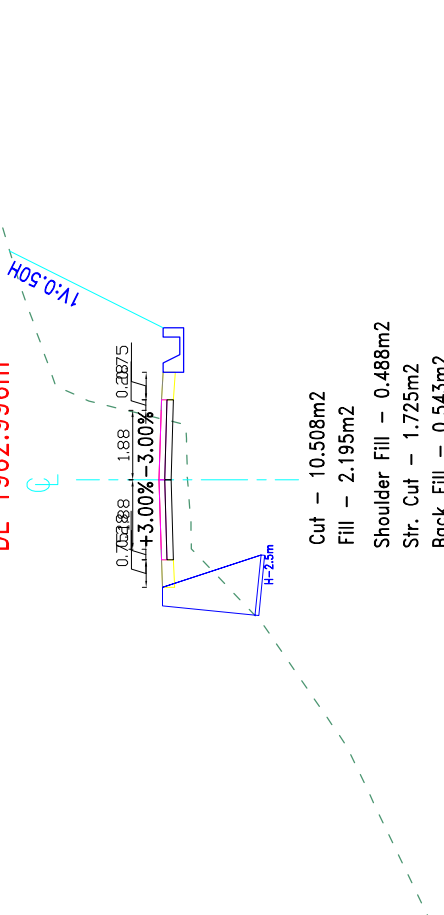
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARPAJALPITHE PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNERTI ROAD MADHAWAPUR, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION	SIGNATURE	DATE	SCALE		Cross-Section		DATE: November, 2017	
											1:200		CH 11+120.00-11+180.00		DRWG NO.: 3	
															SHEET No.: 140	



 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU	CONSULTANT:  BEAM - CEMCA - JV SANGRA, ALTHOFF	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GSI PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SISRNI ROAD MANAMPAUR, NEPAL	DESIGNED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section	DATE: November, 2017	
			CHECKED BY :								DRWG NO.: 3
			RECOMMENDED BY :							CH 11+200.00-11+260.00	SHEET No.: 141
			APPROVED BY :								

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT		 BEAM - CEMECA - Jy SARADIAJITR		PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GESI PLAN OF BHIMPHEDI - BOGATE - IPA DIBRALI - SUNNRI ROAD MANAWAPUR, NEPAL		CONSULTANT: DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :				NAME		DESIGNATION		SIGNATURE		DATE		SCALE 1:200		Cross-Section CH 11+280.00-11+340.00		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 142	
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT		 BEAM - CEMECA - Jy SARADIAJITR		PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GESI PLAN OF BHIMPHEDI - BOGATE - IPA DIBRALI - SUNNRI ROAD MANAWAPUR, NEPAL		CONSULTANT: DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :				NAME		DESIGNATION		SIGNATURE		DATE		SCALE 1:200		Cross-Section CH 11+280.00-11+340.00		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 142	

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 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU, NEPAL  BEAM - CEMCA - Jy SARPAJALIMAR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNARI ROAD KATHMANDU, NEPAL		CONSULTANT:		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 144	
CH 11+460.00 GL 1962.523 m DL 1962.945m  Cut – 5.890m² Fill – 3.890m² Shoulder Fill – 0.487m² Base – 0.633m² Sub Base – 0.739m²		CH 11+500.00 GL 1962.158 m DL 1963.047m  Cut – 6.623m² Fill – 2.608m² Shoulder Fill – 0.488m² Str. Cut – 2.325m² Back Fill – 0.708m² Base – 0.648m² Sub Base – 0.756m²		CH 11+440.00 GL 1962.960 m DL 1962.894m  Cut – 11.638m² Fill – 1.065m² Shoulder Fill – 0.487m² Base – 0.600m² Sub Base – 0.700m²		CH 11+480.00 GL 1962.228 m DL 1962.996m  Cut – 10.508m² Fill – 2.195m² Shoulder Fill – 0.488m² Str. Cut – 1.725m² Back Fill – 0.543m² Base – 0.648m² Sub Base – 0.756m²		SCALE 1:200		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 144					

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GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BEAM - CEMECA - Jy SARDARJATTAR CONSULTANT: PROJECT: DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY : NAME DESIGNATION SIGNATURE DATE 		SCALE 1:200		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 148
CH 11+780.00 GL 1992.971 m DL 1992.490m +4.46% +4.46% 0.75 1.88 0.75 H=2.5m Cut – 16.395m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.564m2 Sub Base – 0.658m2 CH 11+820.00 GL 1995.988 m DL 1996.577m +3.00% +3.00% 0.75 1.88 0.75 H=2.5m Cut – 9.735m2 Fill – 1.763m2 Shoulder Fill – 0.487m2 Str. Cut – 1.658m2 Back Fill – 0.420m2 Base – 0.564m2 Sub Base – 0.658m2 CH 11+760.00 GL 1990.802 m DL 1990.508m +6.00% +6.00% 0.75 1.88 0.75 H=1.8m Cut – 11.573m2 Fill – 0.035m2 Shoulder Fill – 0.488m2 Base – 0.744m2 Sub Base – 0.868m2 CH 11+800.00 GL 1994.451 m DL 1994.481m +3.13% +2.11% 0.75 1.88 0.75 H=1.8m Cut – 2.880m2 Fill – 0.345m2 Shoulder Fill – 0.487m2 Str. Cut – 0.940m2 Back Fill – 0.213m2 Base – 0.564m2 Sub Base – 0.658m2 LEGENDS : CENTER LEVEL GROUND LEVEL DESIGN LEVEL SIDE DRAIN GABION WALL MASONRY WALL GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN MTR. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.						

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SPROCKELINGHAR		 BEAM - CEMCA - Jy SARDJALATHAR CONSULTANT:		PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNARI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME DESIGNATION SIGNATURE DATE		SCALE 1:200		Cross-Section CH 11+840.00-11+900.00		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 149	
CH 11+860.00 GL 2000.829 m DL 2000.769m 1V:1.50H 1V:0.50H 0.7588 1.88 0.2035 +4.00% +4.00% Cut - 6.408m2 Fill - 1.760m2 Shoulder Fill - 0.488m2 Base - 0.633m2 Sub Base - 0.739m2 CH 11+900.00 GL 2004.835 m DL 2004.970m 1V:1.50H 1V:0.50H 0.7588 1.88 0.75 -2.23% -2.23% Cut - 12.390m2 Fill - 2.623m2 Shoulder Fill - 0.487m2 Base - 0.564m2 Sub Base - 0.658m2 CH 11+840.00 GL 1998.525 m DL 1998.673m 1V:1.50H 1V:0.50H 0.7588 1.88 0.75 +3.00% -3.00% Cut - 8.313m2 Fill - 0.348m2 Shoulder Fill - 0.487m2 Sir. Cut - 1.575m2 Back Fill - 0.488m2 Base - 0.564m2 Sub Base - 0.658m2 CH 11+880.00 GL 2002.823 m DL 2002.865m 1V:1.50H 1V:0.50H 0.7588 1.88 0.75 +2.39% +2.39% Cut - 7.958m2 Fill - 0.248m2 Shoulder Fill - 0.488m2 Sir. Cut - 0.660m2 Back Fill - 0.108m2 Base - 0.564m2 Sub Base - 0.658m2															

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SPR000004100000	CONSULTANT:  BEAM - CEMECA - Jy SARDAJALATHAR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GESI PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - SUNNERI ROAD MUNAWAPUR, NEPAL	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section	DATE: November, 2017
									DRWG NO.: 3
									SHEET No.: 150