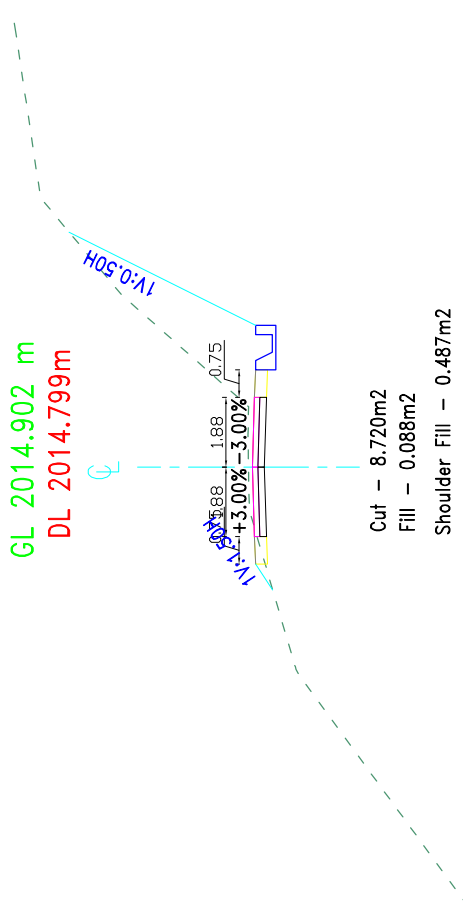
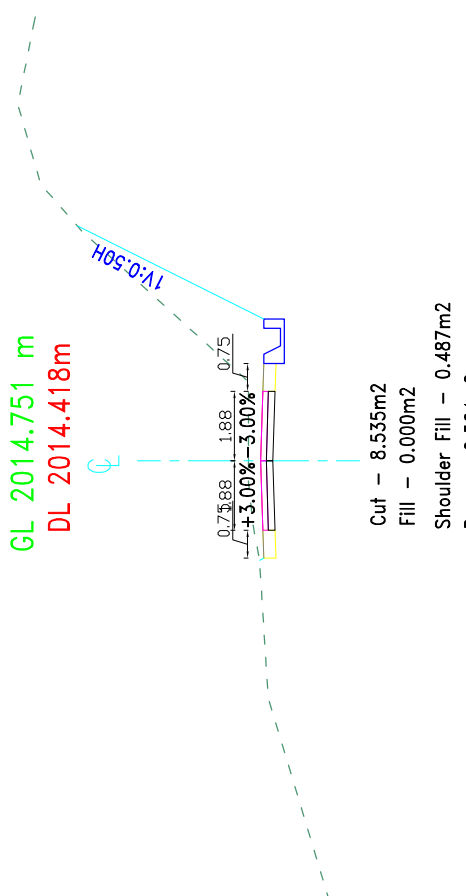
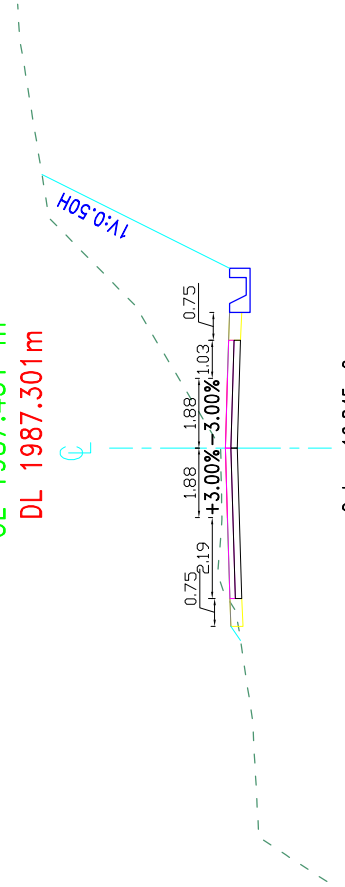
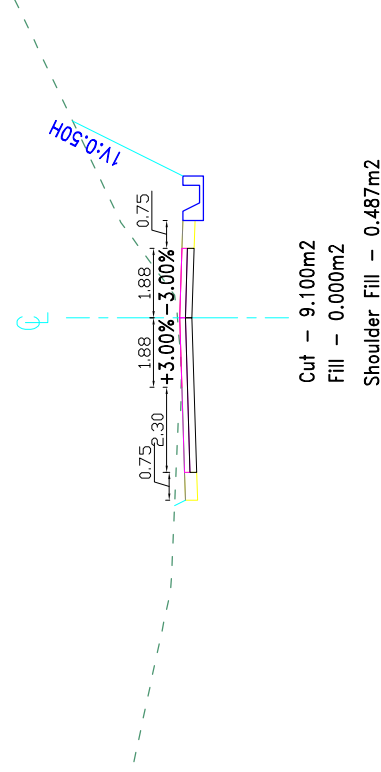
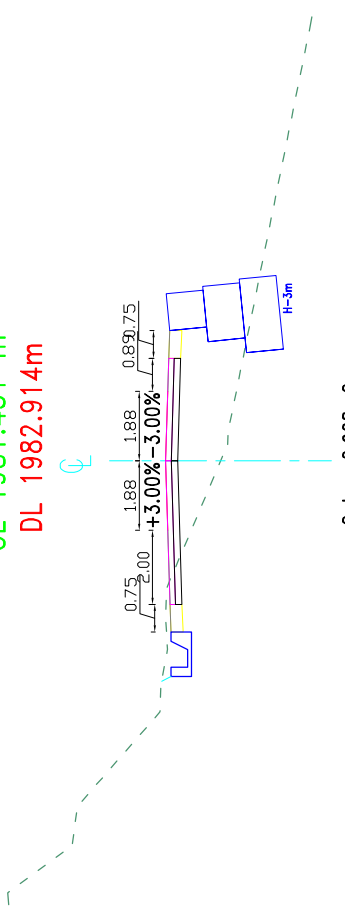


 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU, NEPAL  BEAM - CMECA - Jy SARADIAJITR		PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBRALI - SUNNERI ROAD KATHMANDU, NEPAL		CONSULTANT: BEAM - CMECA - Jy SARADIAJITR		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.: 151	
CH 12+020.00 GL 2014.902 m DL 2014.799m  Cut - 8.720m2 Fill - 0.088m2 Shoulder Fill - 0.487m2 Base - 0.564m2 Sub Base - 0.658m2		CH 12+040.00 GL 2014.751 m DL 2014.418m  Cut - 8.535m2 Fill - 0.000m2 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	CONSULTANT:  BEAM - CEMCA - Jy SARDAJA/ATP	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 MADANPURA, 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.: 152

[illegible]

 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 CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNERI ROAD MADANPURA, NEPAL	CONSULTANT: BEAM - CEMCA - Jy SARWALAYA DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME DESIGNATION SIGNATURE DATE	SCALE 1:200 Cross-Section CH 12+320.00-12+380.00	DATE: November, 2017
				DRWG NO.: 3
				SHEET No.: 155

CH 12+340.00 GL 1987.431 m DL 1987.301m  Cut - 16.845m2 Fill - 0.040m2 Shoulder Fill - 0.488m2 Base - 1.047m2 Sub Base - 1.222m2	CH 12+360.00 GL 1985.173 m DL 1985.108m  Cut - 9.100m2 Fill - 0.000m2 Shoulder Fill - 0.487m2 Base - 0.909m2 Sub Base - 1.061m2	CH 12+380.00 GL 1981.431 m DL 1982.914m  Cut - 0.908m2 Fill - 6.513m2 Shoulder Fill - 0.488m2 Str. Cut - 1.530m2 Back Fill - 0.023m2 Base - 0.998m2 Sub Base - 1.164m2
--	--	---

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.

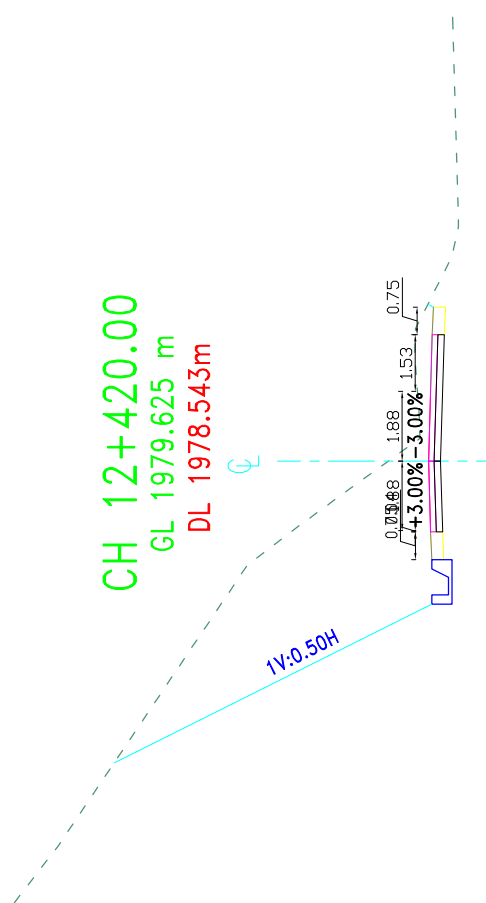
	CONSULTANT:  BEAM - CEMICA - Jy SARWAL, KATHMANDU	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCERNING THE STUDY AND COST PLAN OF BHEMPHEDI - BOGATE - IPA DUKHALI - SUNNET ROAD KATHMANDU, NEPAL	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section	DATE: November, 2017	
									CH 12+460.00 GL 1973.315 m DL 1974.450m	CH 12+400.00-12+460.00	DRWG NO.: 3
									CH 12+420.00 GL 1979.625 m DL 1978.543m	CH 12+440.00 GL 1975.862 m DL 1976.496m	SHEET No.: 156

LEGENDS :		GENERAL NOTES :	
--- CENTER LEVEL	 GABION 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 12+420.00

GL 1979.625 m

DL 1978.543m



Cut – 30.445m2

Fill – 0.003m2

Shoulder Fill – 0.488m2

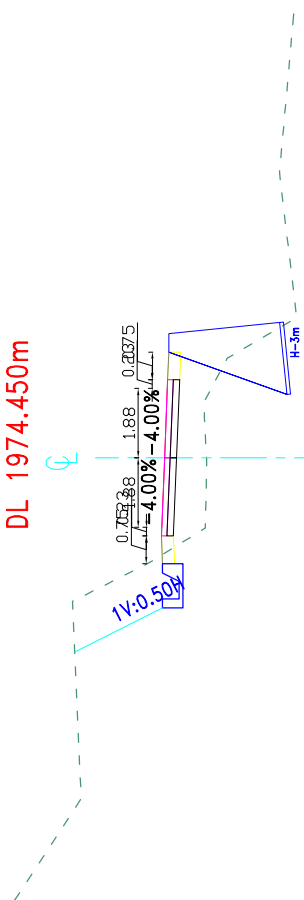
Base – 0.800m2

Sub Base – 0.933m2

CH 12+460.00

GL 1973.315 m

DL 1974.450m



Cut – 3.485m2

Fill – 3.963m2

Shoulder Fill – 0.488m2

Str. Cut – 2.853m2

Back Fill – 0.928m2

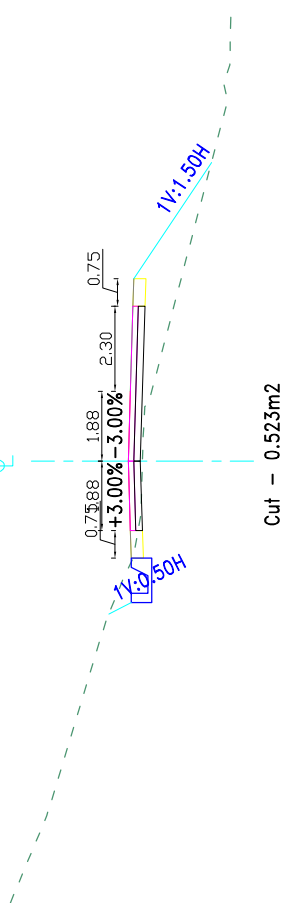
Base – 0.633m2

Sub Base – 0.739m2

CH 12+400.00

GL 1980.335 m

DL 1980.720m



Cut – 0.523m2

Fill – 4.043m2

Shoulder Fill – 0.487m2

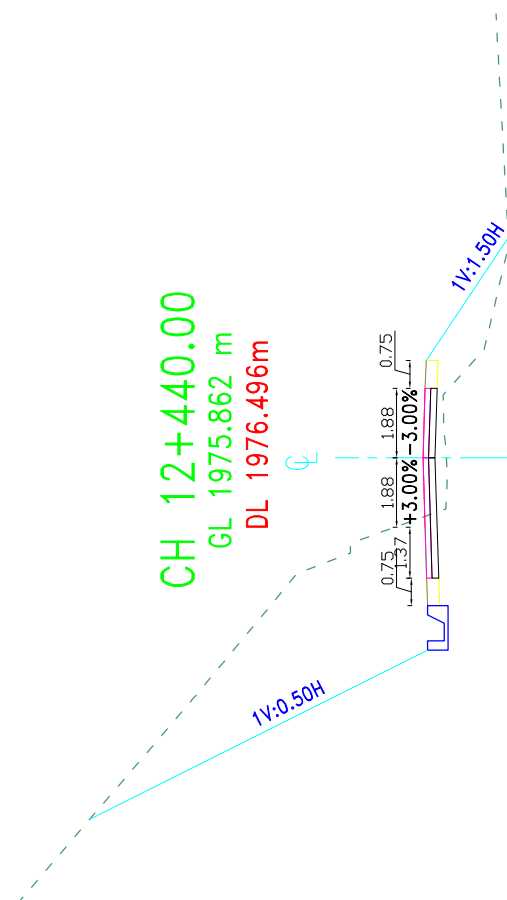
Base – 0.909m2

Sub Base – 1.061m2

CH 12+440.00

GL 1975.862 m

DL 1976.496m



Cut – 24.733m2

Fill – 3.985m2

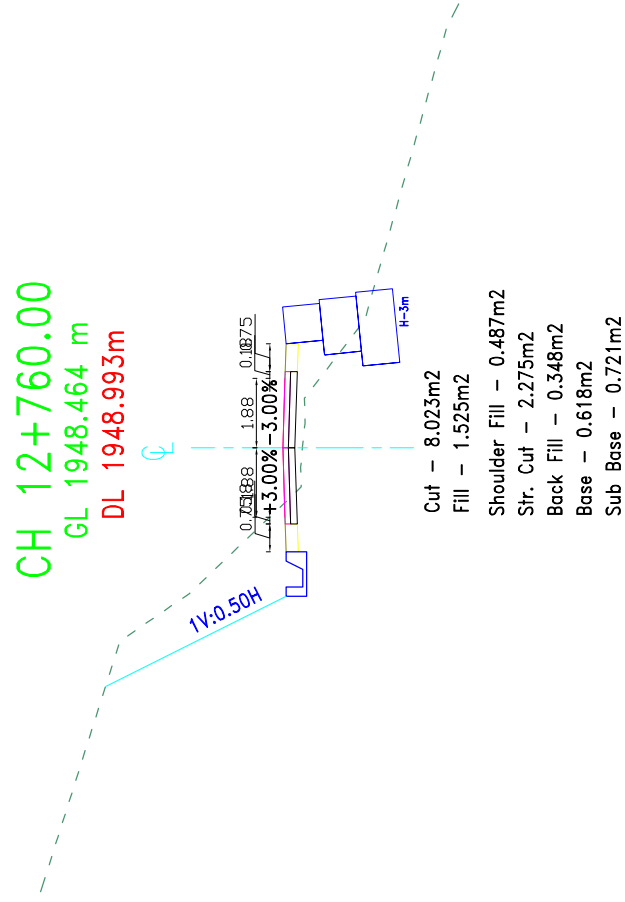
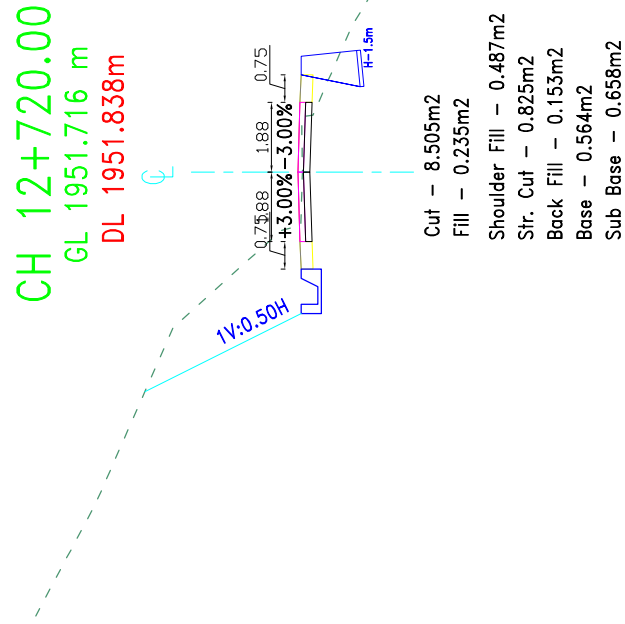
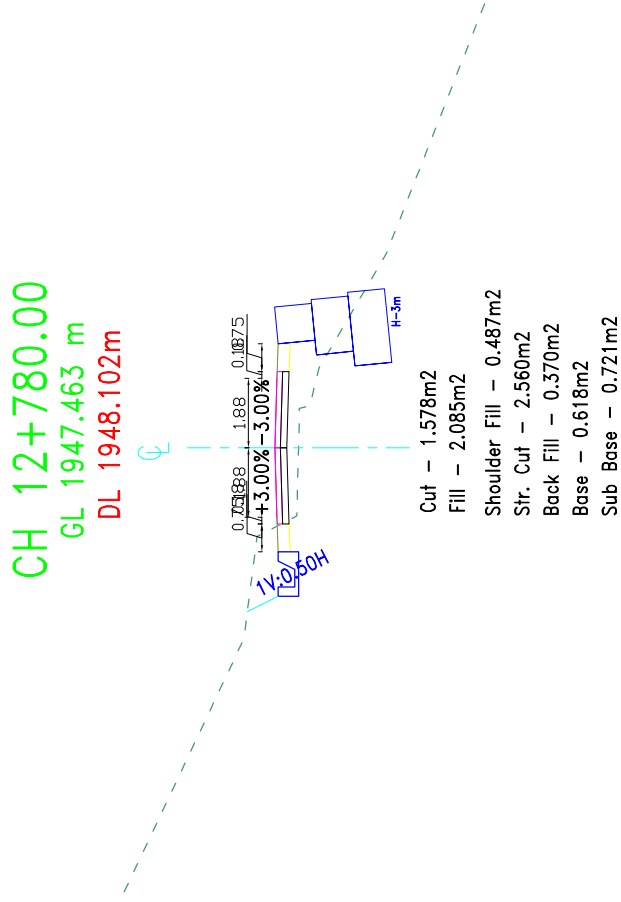
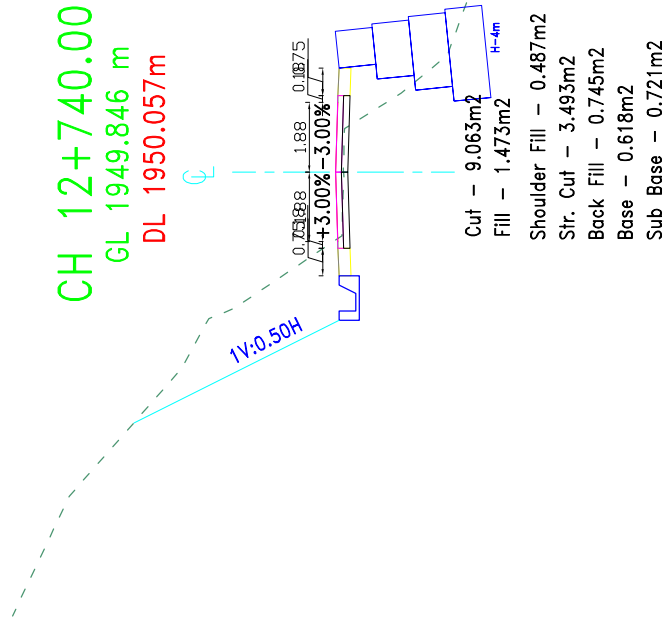
Shoulder Fill – 0.487m2

Base – 0.770m2

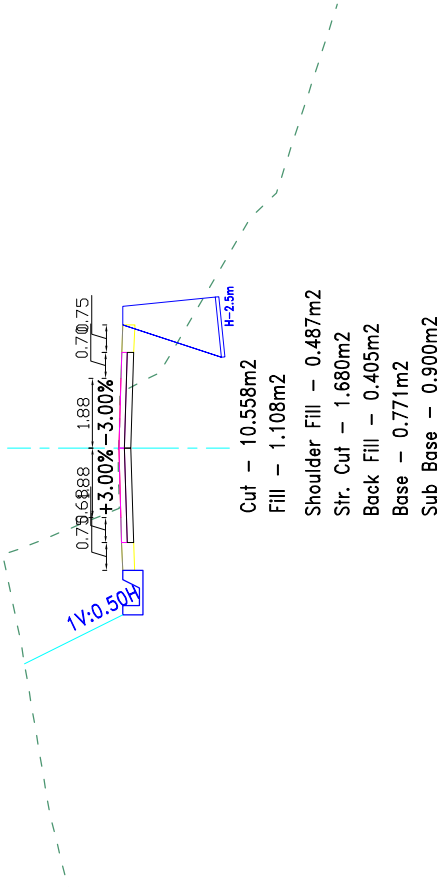
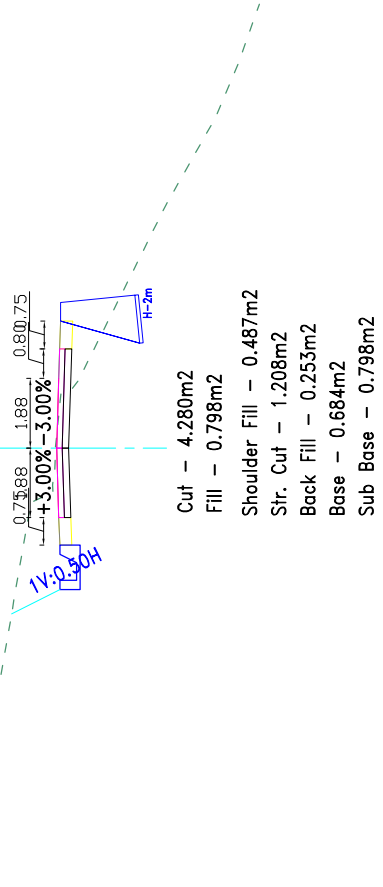
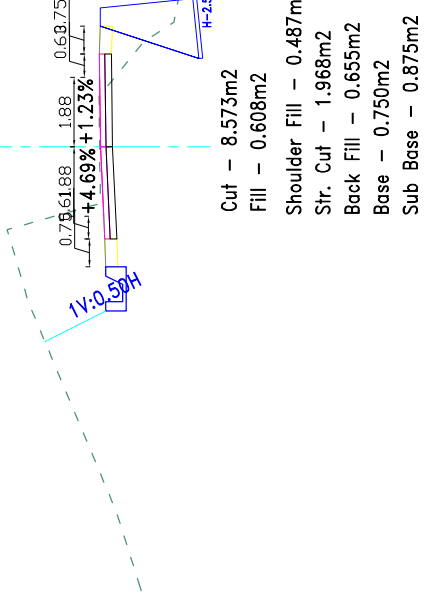
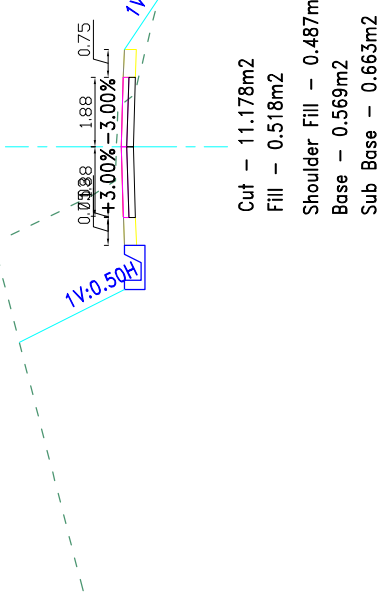
Sub Base – 0.898m2

[illegible]

[illegible]

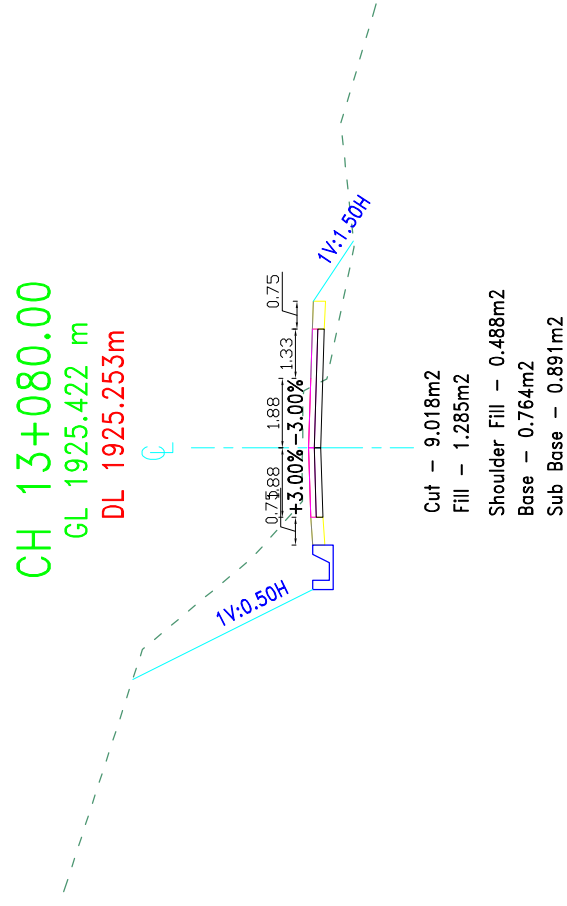
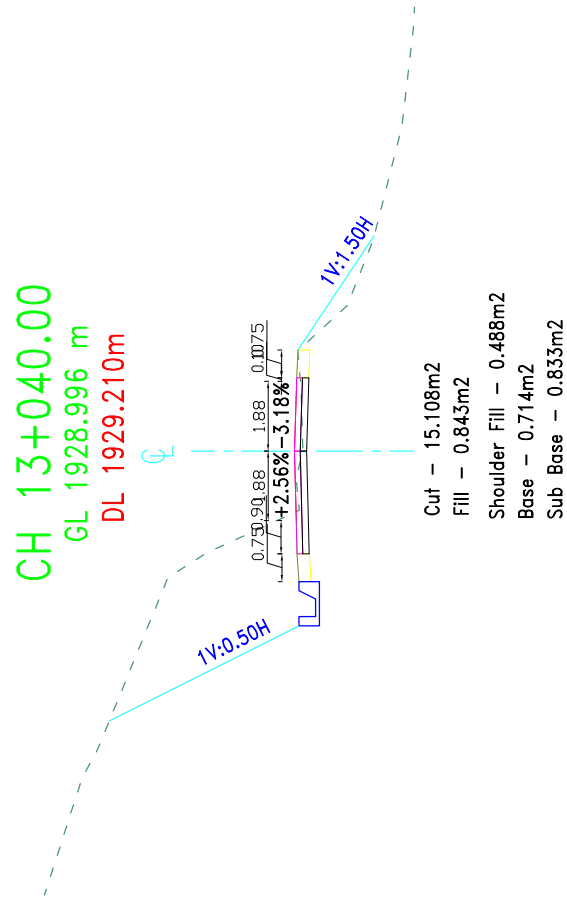
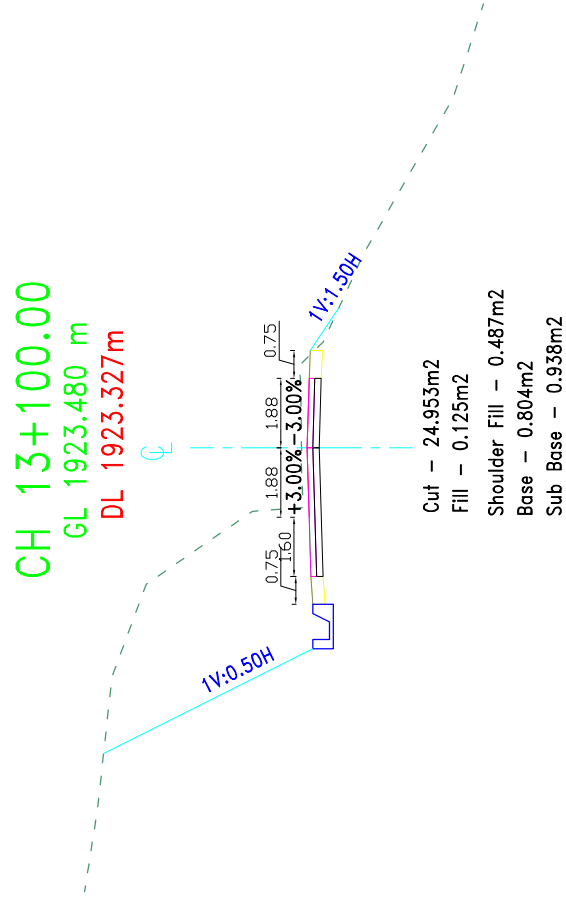
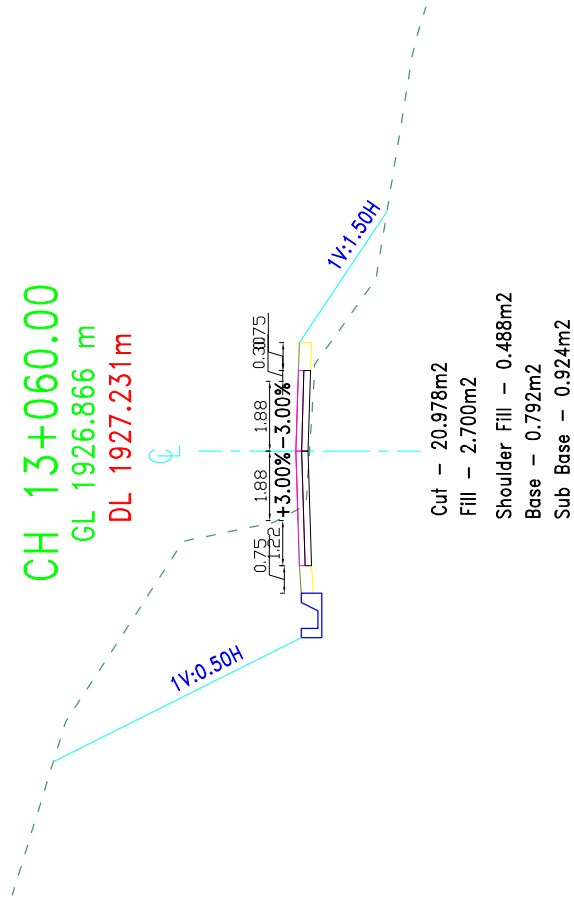


 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT	CONSULTANT:  BEAM - CEMECA - Jy SARPAJALIMPA PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IBS STUDY AND GSI PLAN OF BHIMPEDI - BOGATE - IPA DEURALI - SISRNET ROAD MANAWAPUR, 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.: 160

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARDJALIMPA PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GDSI PLAN OF BHIMPHEDI - BOGATE - IPA DIBRALI - SUNNERT ROAD MADANPURI, NEPAL		CONSULTANT:		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 161	
CH 12+820.00 GL 1946.328 m DL 1946.320m  Cut – 10.558m2 Fill – 1.108m2 Shoulder Fill – 0.487m2 Str. Cut – 1.680m2 Back Fill – 0.405m2 Base – 0.771m2 Sub Base – 0.900m2		CH 12+800.00 GL 1947.243 m DL 1947.211m  Cut – 4.280m2 Fill – 0.798m2 Shoulder Fill – 0.487m2 Str. Cut – 1.208m2 Back Fill – 0.253m2 Base – 0.684m2 Sub Base – 0.798m2		CH 12+820.00 GL 1944.563 m DL 1944.538m  Cut – 8.573m2 Fill – 0.608m2 Shoulder Fill – 0.487m2 Str. Cut – 1.968m2 Back Fill – 0.655m2 Base – 0.750m2 Sub Base – 0.875m2		CH 12+840.00 GL 1945.559 m DL 1945.429m  Cut – 11.178m2 Fill – 0.518m2 Shoulder Fill – 0.487m2 Base – 0.569m2 Sub Base – 0.663m2		SCALE 1:200		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					

[illegible]

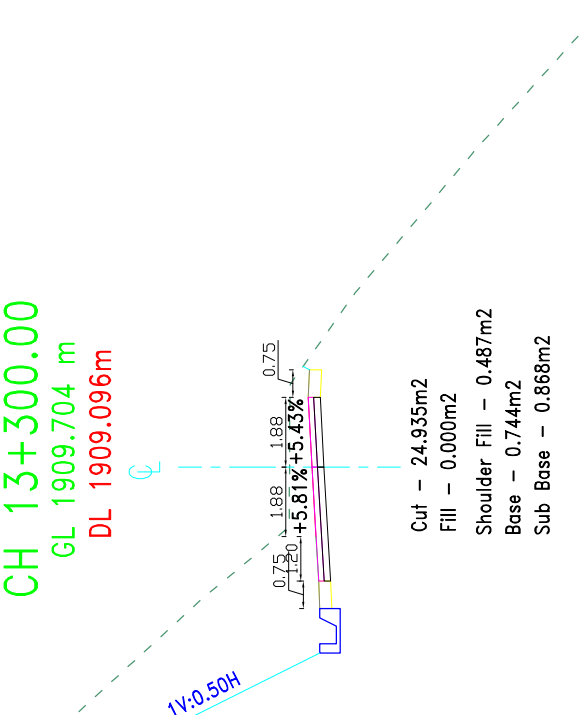
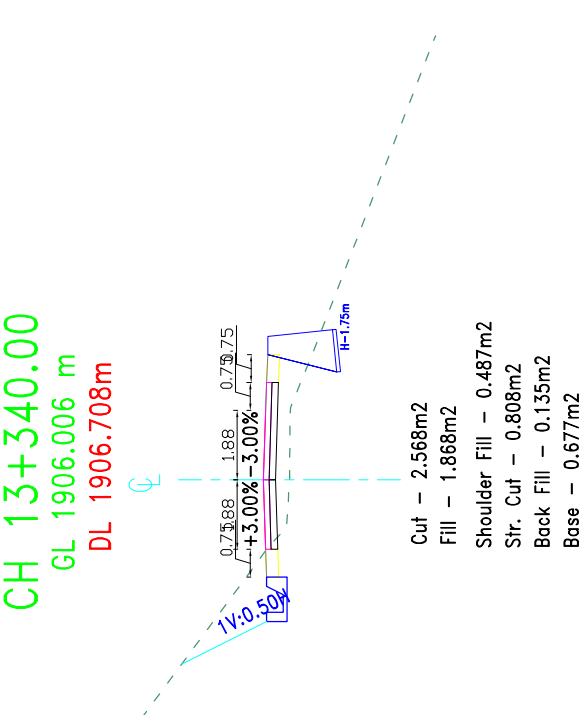
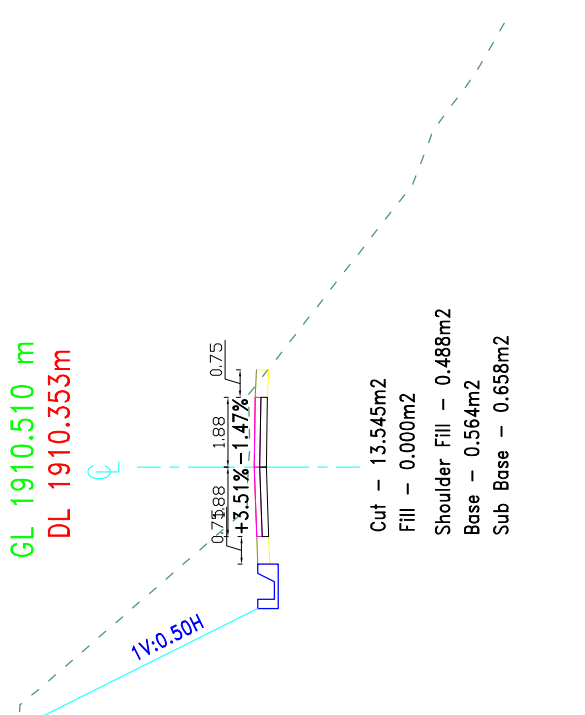
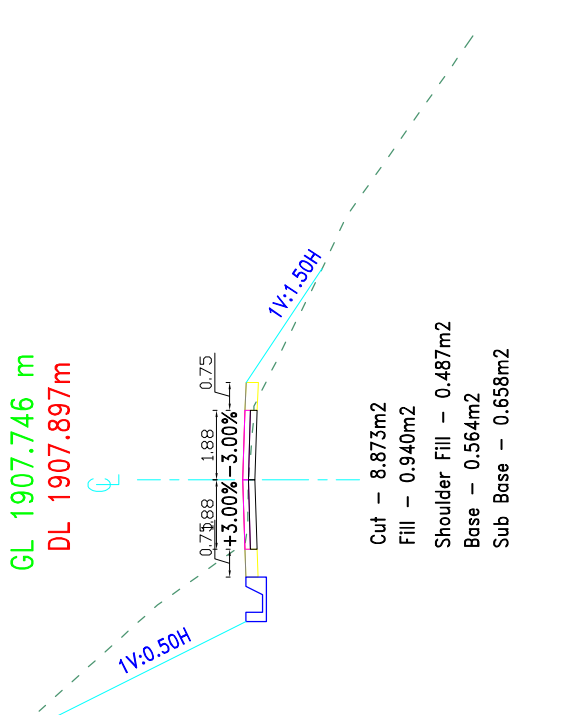
[illegible]



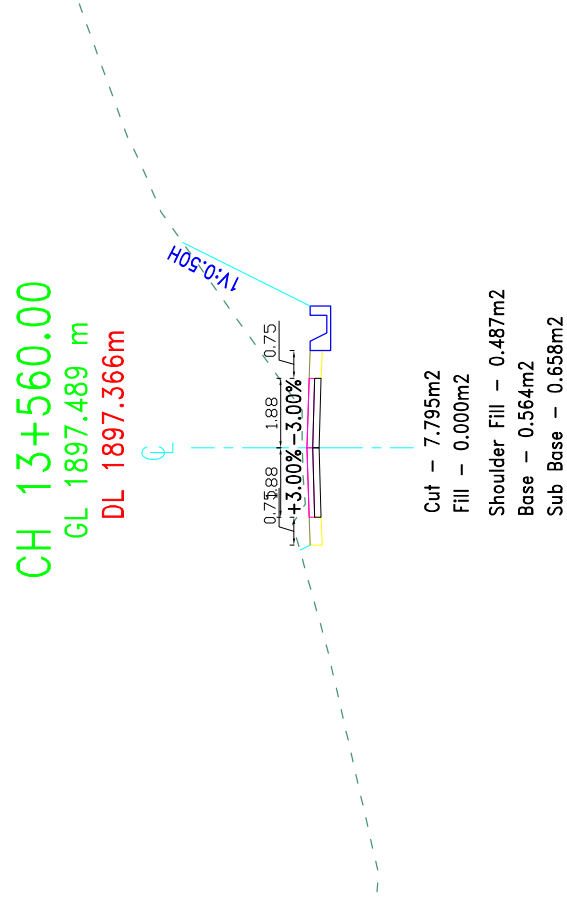
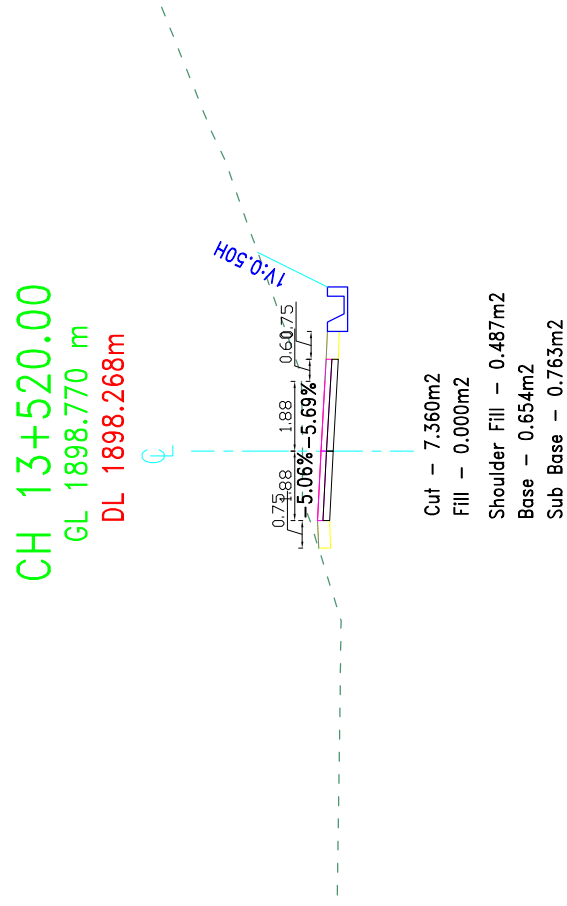
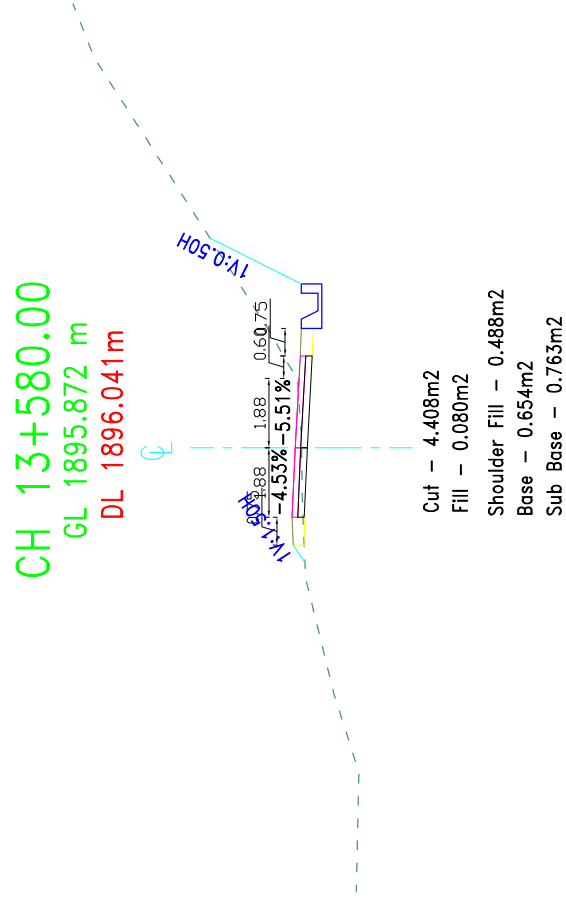
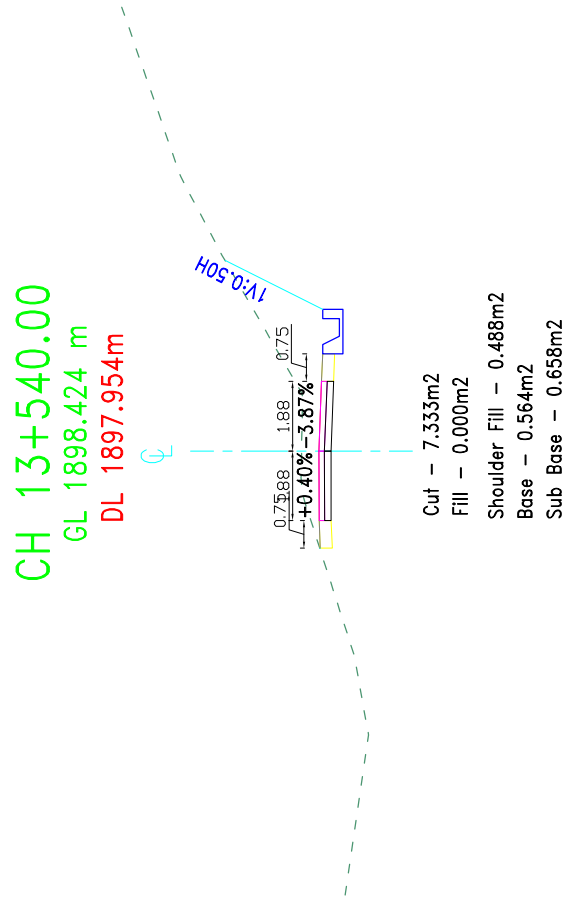
LEGENDS :	 CENTER LEVEL  GROUND LEVEL  DESIGN LEVEL  SIDE DRAIN	 GABION WALL  MASONRY WALL	GENERAL NOTES :
1. ALL THE DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.			

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SPOKESPERSON/ AUTHOR	 BEAM - CEMECA - Jy SANDRA JALTEHER	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE HBS STUDY AND GSI PLAN OF BHIMPEDI - BOGATE - IPA DUKHALI - SISRNETI ROAD MAYAWAPUR, NEPAL					SCALE 1:200	Cross-Section CH 13+040.00-13+100.00	DATE: November, 2017	
									DRAWG NO.: 3	
									SHEET No.: 164	
			DESIGNED BY :							
			CHECKED BY :							
			RECOMMENDED BY :							
			APPROVED BY :							

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU  BEAM - CEMCA - Jy SARDALATHE PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIPHEDI - BOGATE - IPA DIBRALI - SUNNERI ROAD KATHMANDU, 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.: 166

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT REPRODUCTION	 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 DIBURALI - SUNNARI ROAD MUNAWAPUR, NEPAL	CONSULTANT: DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :				NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section CH 13+280.00-13+340.00	DATE: November, 2017 DRWG NO.: 3 SHEET No.: 167		
			CH 13+300.00 GL 1909.704 m DL 1909.096m  Cut - 24.935m2 Fill - 0.000m2 Shoulder Fill - 0.487m2 Base - 0.744m2 Sub Base - 0.868m2 CH 13+340.00 GL 1906.006 m DL 1906.708m  Cut - 2.568m2 Fill - 1.868m2 Shoulder Fill - 0.487m2 Str. Cut - 0.808m2 Back Fill - 0.135m2 Base - 0.677m2 Sub Base - 0.789m2											Cross-Section CH 13+280.00-13+340.00	DATE: November, 2017 DRWG NO.: 3 SHEET No.: 167
			CH 13+280.00 GL 1910.510 m DL 1910.353m  Cut - 13.545m2 Fill - 0.000m2 Shoulder Fill - 0.488m2 Base - 0.564m2 Sub Base - 0.658m2 CH 13+320.00 GL 1907.746 m DL 1907.897m  Cut - 8.873m2 Fill - 0.940m2 Shoulder Fill - 0.487m2 Base - 0.564m2 Sub Base - 0.658m2											Cross-Section CH 13+280.00-13+340.00	DATE: November, 2017 DRWG NO.: 3 SHEET No.: 167

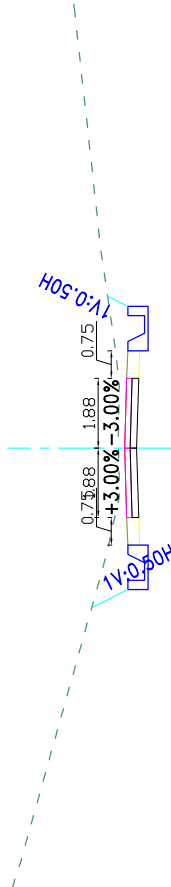
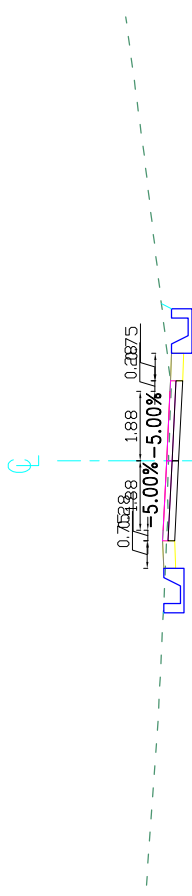
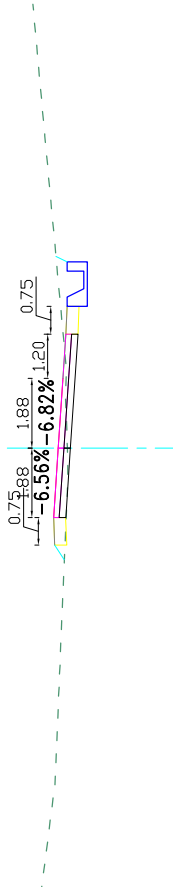
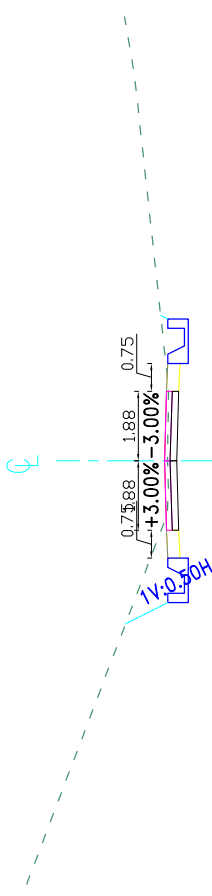
[illegible]



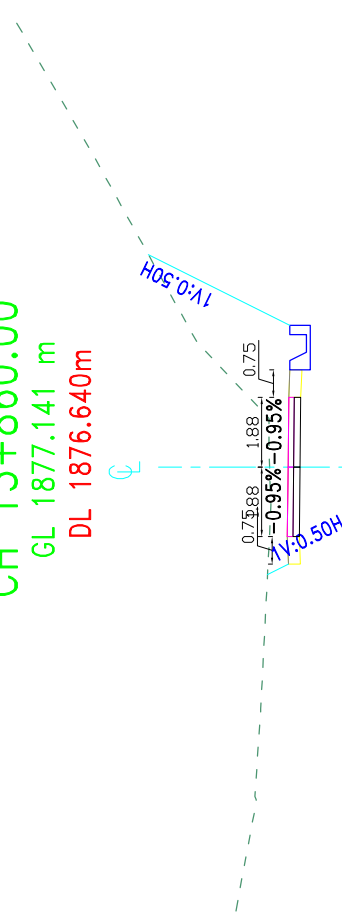
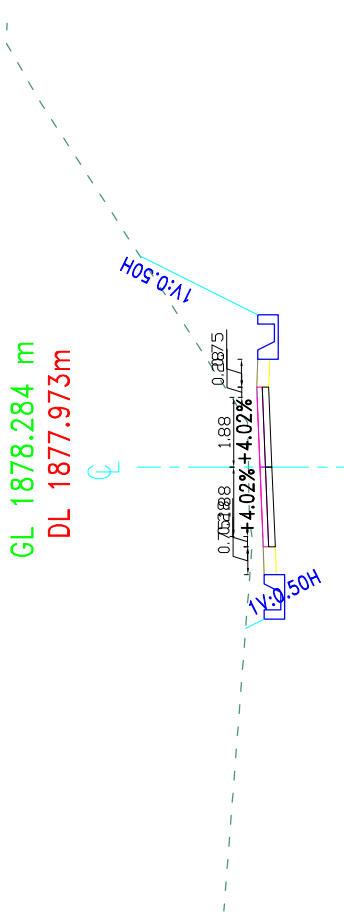
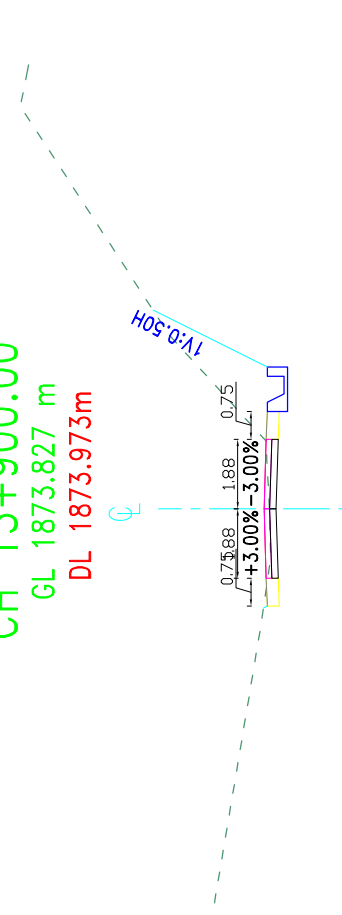
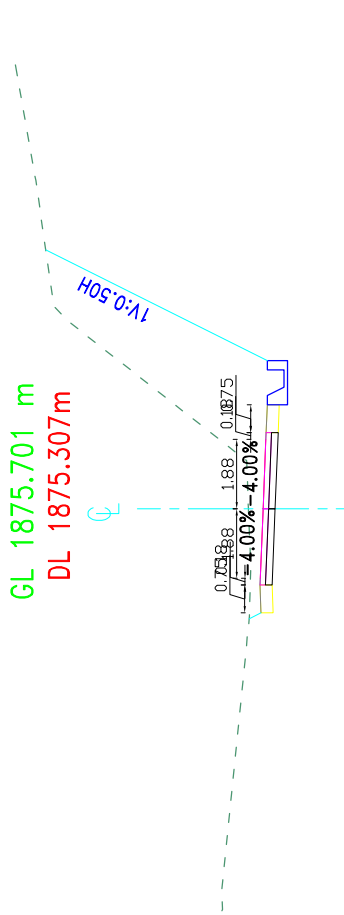
LEGENDS :  CENTER LEVEL  GROUND LEVEL  DESIGN LEVEL  SIDE DRAIN	GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.
---	--

 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 BHIMPHEDI - BOGATE - IPA DUKHALI - SISRNETI ROAD KATHMANDU, NEPAL					SCALE 1:200	Cross-Section CH 13+520.00-13+580.00	DATE: November, 2017	DRAWG NO.: 3	SHEET No.: 170

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT	 BEAM - CEMCA - Jy SARADIAJITHIR	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHEMPHEDI - BOGATE - IPA DIBURALI - SUNNRI ROAD MUNAWAPUR, NEPAL	CONSULTANT: BEAM - CEMCA - Jy SARADIAJITHIR	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.: 171

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARDJA/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 DIBRALI - SUNNRI 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.: 172	
CH 13+700.00 GL 1888.011 m DL 1887.847 m  Cut – 4.558m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.564m2 Sub Base – 0.658m2		CH 13+740.00 GL 1884.912 m DL 1884.965 m  Cut – 1.873m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.648m2 Sub Base – 0.756m2		CH 13+680.00 GL 1888.963 m DL 1889.212 m  Cut – 1.383m2 Fill – 0.048m2 Shoulder Fill – 0.487m2 Base – 0.744m2 Sub Base – 0.868m2		CH 13+720.00 GL 1886.329 m DL 1886.407 m  Cut – 3.020m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.564m2 Sub Base – 0.658m2															

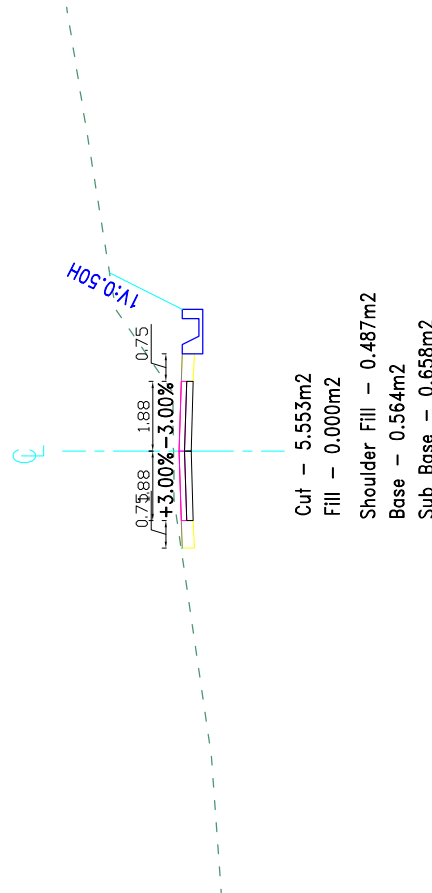
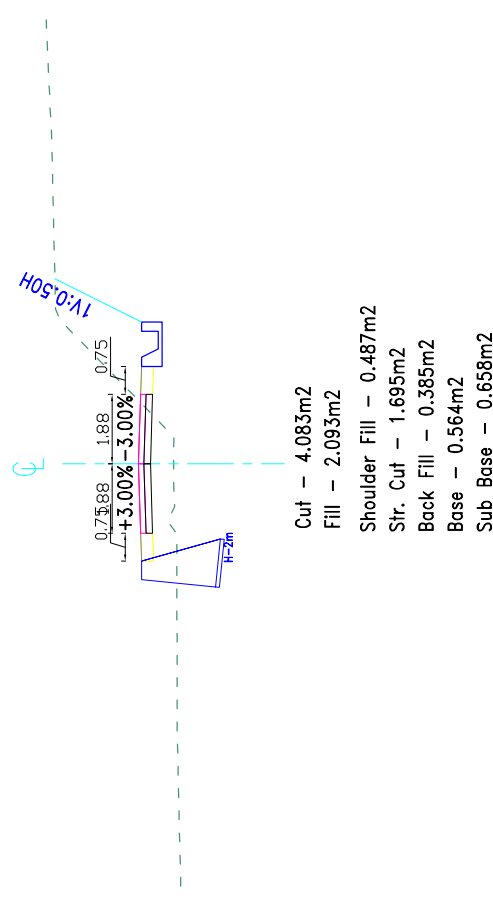
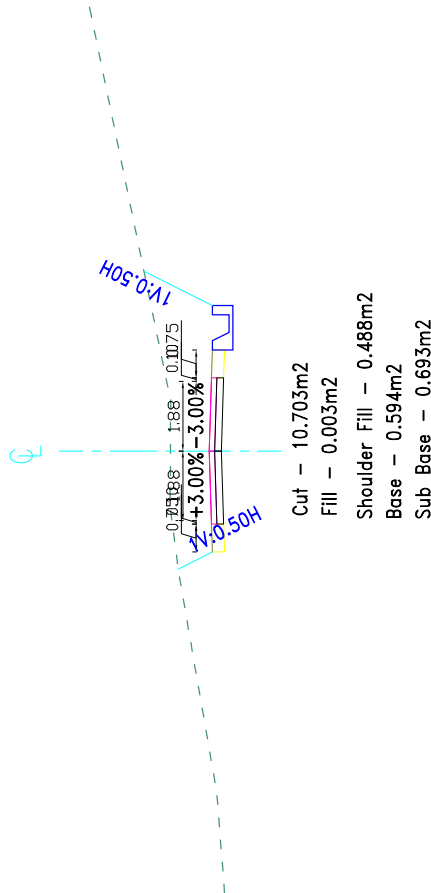
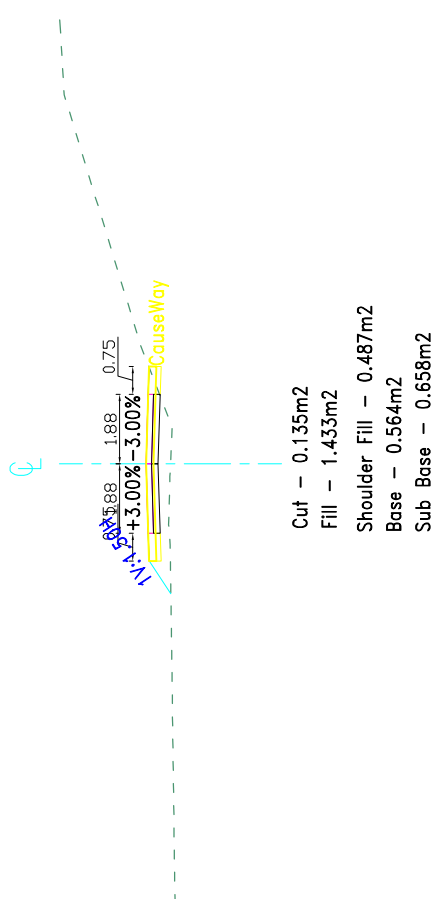
[illegible]

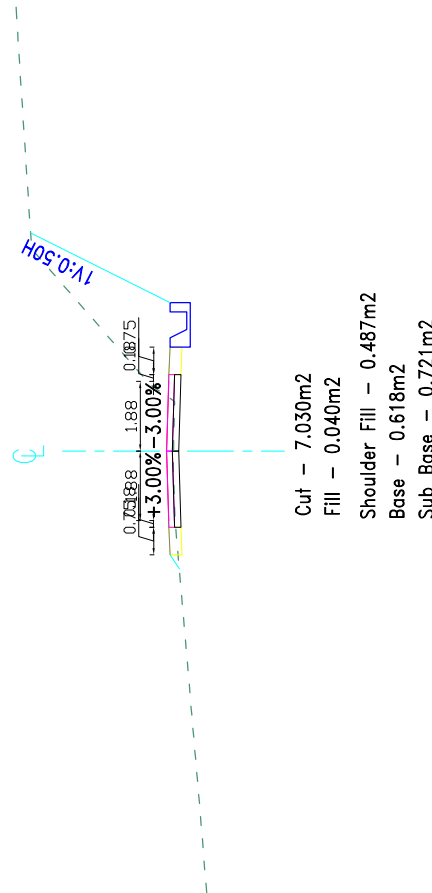
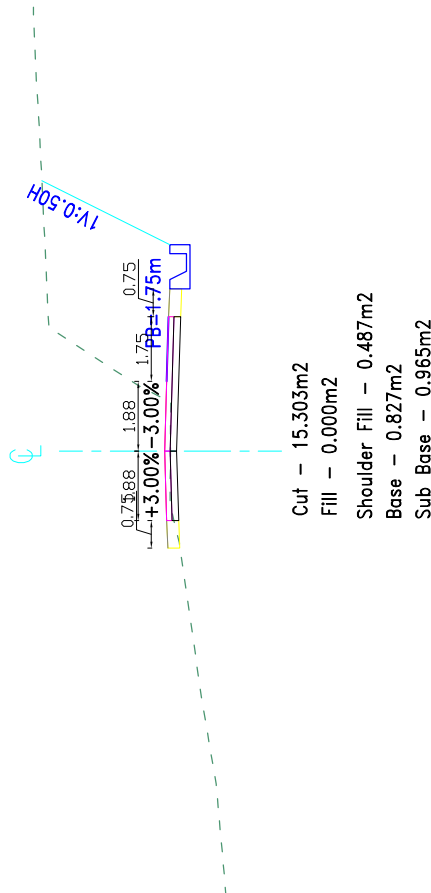
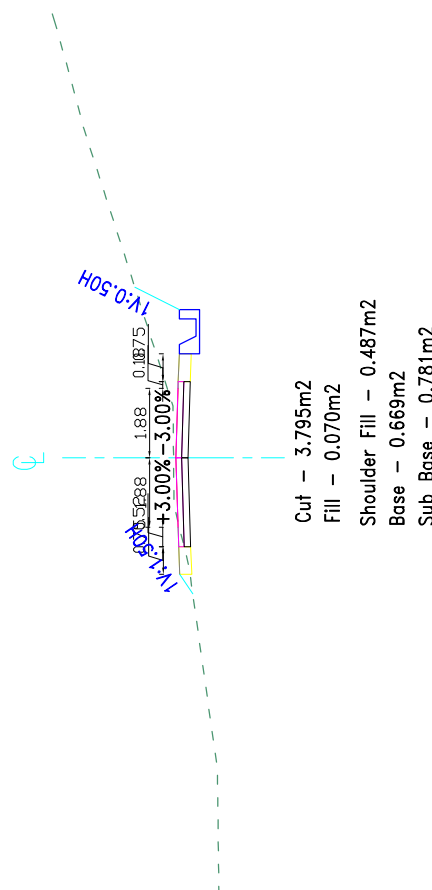
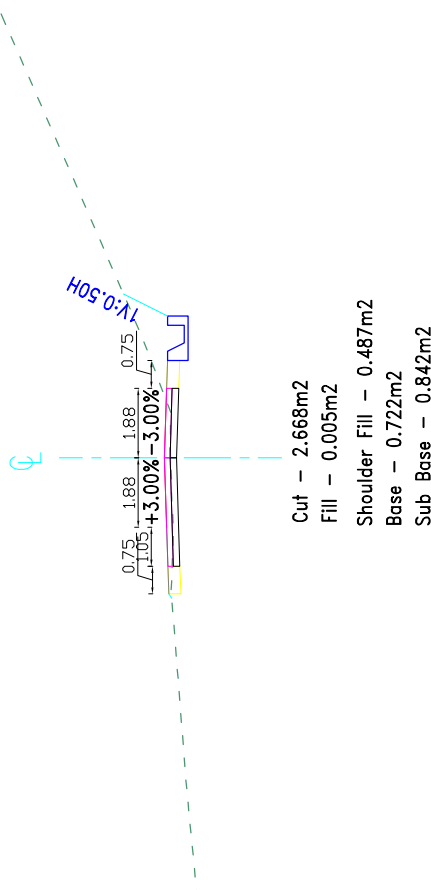
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - Jy SARDAJA/ATP/18 PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBRALI - SUNNARI ROAD MANANGAPUR, 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.: 174	
CH 13+860.00 GL 1877.141 m DL 1876.640m  Cut - 10.760m2 Fill - 0.000m2 Shoulder Fill - 0.487m2 Base - 0.564m2 Sub Base - 0.658m2		CH 13+840.00 GL 1878.284 m DL 1877.973m  Cut - 8.980m2 Fill - 0.000m2 Shoulder Fill - 0.488m2 Base - 0.648m2 Sub Base - 0.756m2		CH 13+900.00 GL 1873.827 m DL 1873.973m  Cut - 4.710m2 Fill - 0.000m2 Shoulder Fill - 0.487m2 Base - 0.564m2 Sub Base - 0.658m2		CH 13+880.00 GL 1875.701 m DL 1875.307m  Cut - 16.768m2 Fill - 0.000m2 Shoulder Fill - 0.488m2 Base - 0.618m2 Sub Base - 0.721m2		1:200		CH 13+840.00-13+900.00									

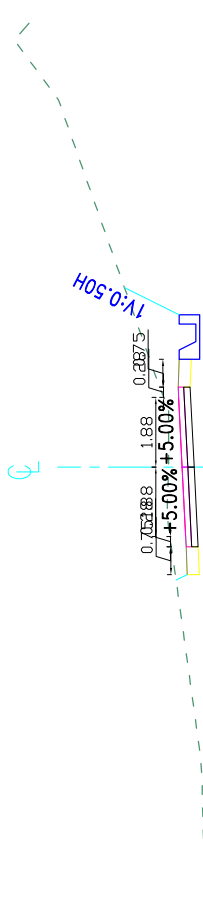
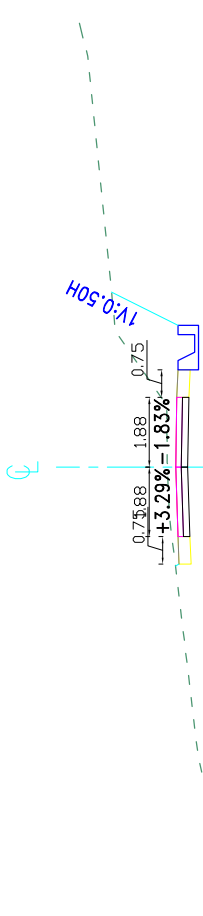
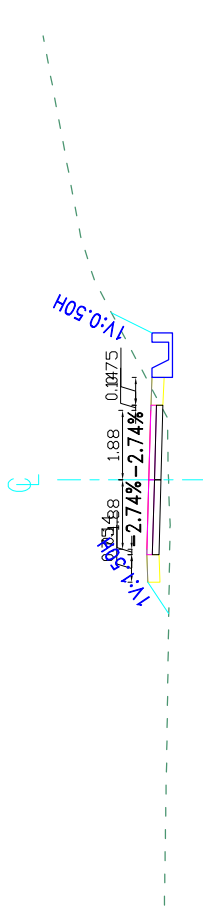
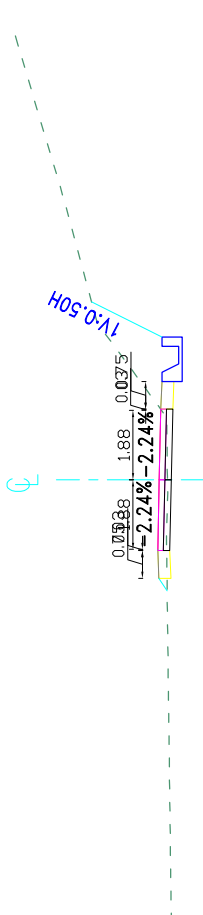
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT	CONSULTANT:  BEAM - CEMECA - Jy SARDAJALIMAR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN 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 13+920.00-13+980.00	DATE: November, 2017
									DRWG NO.: 3
									SHEET No.: 175

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SP/000001/01/001	CONSULTANT:  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 - SUNNERTI 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.: 176

[illegible]

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SPROD/CAL/IMP/01	 BEAM - CEMECA - Jy SARPAJAL/IMP	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE PRE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DUDURALI - SUNNERTI ROAD MADHAWPUR, NEPAL	CONSULTANT: BEAM - CEMECA - Jy SARPAJAL/IMP		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.: 178	
			CH 14+180.00 GL 1860.055 m DL 1859.904m  Cut - 5.553m2 Fill - 0.000m2 Shoulder Fill - 0.487m2 Base - 0.564m2 Sub Base - 0.658m2 CH 14+220.00 GL 1857.110 m DL 1858.058m  Cut - 4.083m2 Fill - 2.093m2 Shoulder Fill - 0.487m2 Str. Cut - 1.695m2 Back Fill - 0.385m2 Base - 0.564m2 Sub Base - 0.658m2 CH 14+160.00 GL 1862.353 m DL 1861.304m  Cut - 10.703m2 Fill - 0.003m2 Shoulder Fill - 0.488m2 Base - 0.594m2 Sub Base - 0.693m2 CH 14+200.00 GL 1858.312 m DL 1858.973m  Cut - 0.135m2 Fill - 1.433m2 Shoulder Fill - 0.487m2 Base - 0.564m2 Sub Base - 0.658m2 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 - CEMECA - Jy SARDJALIMPER 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		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 179	
CH 14+260.00 GL 1856.120 m DL 1856.305m  Cut – 7.030m2 Fill – 0.040m2 Shoulder Fill – 0.487m2 Base – 0.618m2 Sub Base – 0.721m2		CH 14+240.00 GL 1856.994 m DL 1857.153m  Cut – 15.303m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.827m2 Sub Base – 0.965m2		CH 14+300.00 GL 1854.626 m DL 1854.560m  Cut – 3.795m2 Fill – 0.070m2 Shoulder Fill – 0.487m2 Base – 0.669m2 Sub Base – 0.781m2		CH 14+280.00 GL 1855.297 m DL 1855.457m  Cut – 2.668m2 Fill – 0.005m2 Shoulder Fill – 0.487m2 Base – 0.722m2 Sub Base – 0.842m2		SCALE 1:200		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 179							

 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 GDSI PLAN OF BHIMPHEDI - BOGATE - IPA DIBURALI - 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.: 180		
	CH 14+340.00 GL 1852.625 m DL 1852.256m													1:200	CH 14+320.00-14+380.00
	 Cut – 6.023m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.648m2 Sub Base – 0.756m2  Cut – 5.650m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.564m2 Sub Base – 0.658m2  Cut – 1.050m2 Fill – 1.305m2 Shoulder Fill – 0.487m2 Base – 0.606m2 Sub Base – 0.707m2  Cut – 2.905m2 Fill – 0.043m2 Shoulder Fill – 0.488m2 Base – 0.573m2 Sub Base – 0.669m2														

LEGENDS :

CENTER LEVEL

GROUND LEVEL

DESIGN LEVEL

SIDE DRAIN

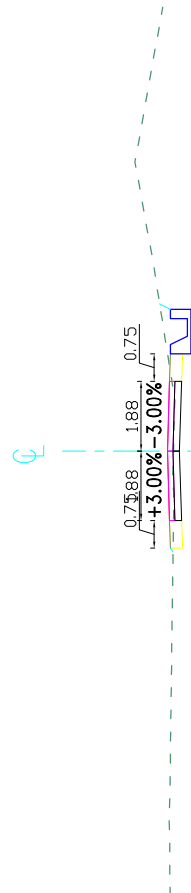
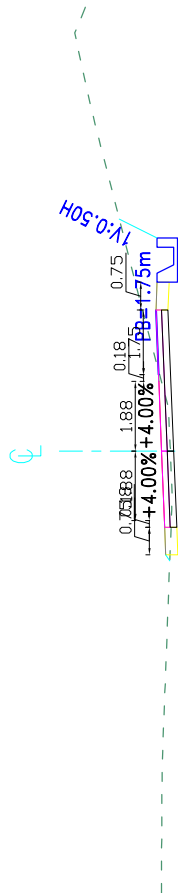
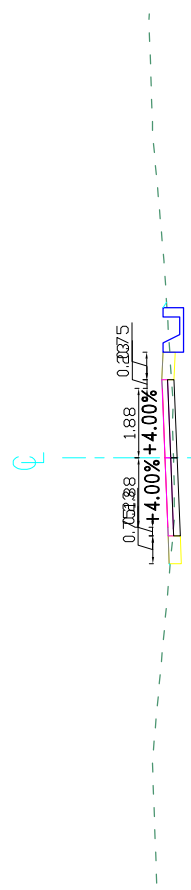
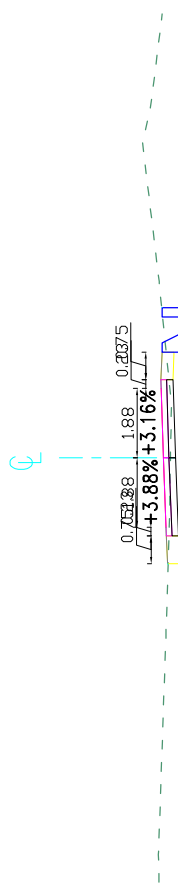
CABION WALL

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 SUDHODOLAHIMAR  BEAM - CEMECA - Jy SARDAJALIMAR 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 MANAWAPUR, 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.: 181	
																		1:200		CH 14+400.00–14+460.00									

CH 14+420.00 GL 1847.796 m DL 1847.962m  Cut – 1.338m2 Fill – 0.003m2 Shoulder Fill – 0.487m2 Base – 0.564m2 Sub Base – 0.658m2		CH 14+400.00 GL 1848.560 m DL 1848.798m  Cut – 3.248m2 Fill – 0.048m2 Shoulder Fill – 0.487m2 Base – 0.881m2 Sub Base – 1.028m2		CH 14+460.00 GL 1846.161 m DL 1846.390m  Cut – 0.680m2 Fill – 0.028m2 Shoulder Fill – 0.488m2 Base – 0.633m2 Sub Base – 0.739m2		CH 14+440.00 GL 1846.986 m DL 1847.176m  Cut – 0.943m2 Fill – 0.030m2 Shoulder Fill – 0.488m2 Base – 0.633m2 Sub Base – 0.739m2	
--	--	--	--	---	--	---	--

LEGENDS :

CENTER LEVEL

GROUND LEVEL

DESIGN LEVEL

SIDE DRAIN

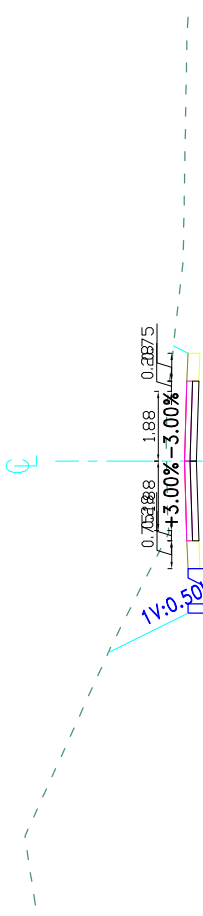
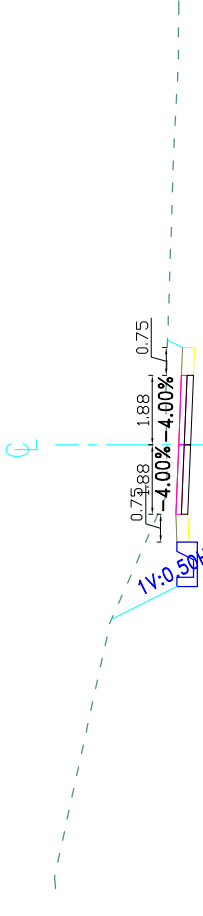
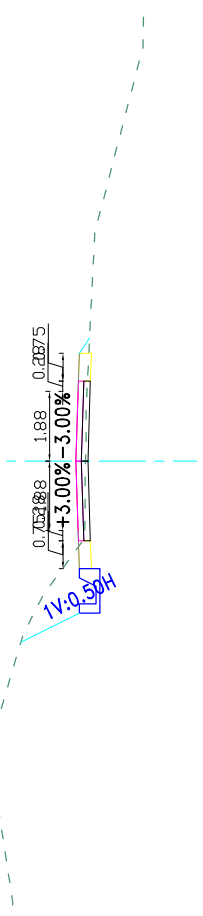
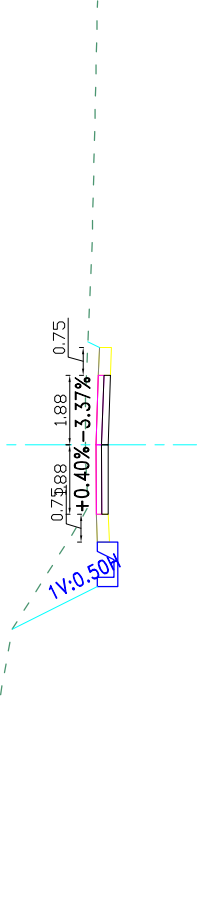
CABION WALL

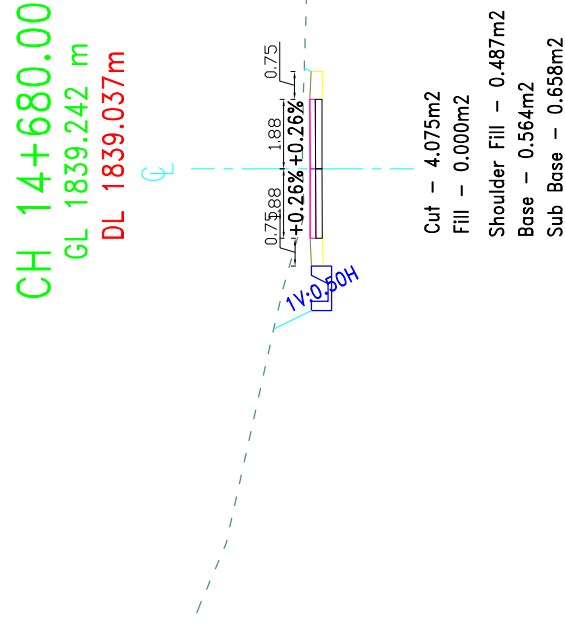
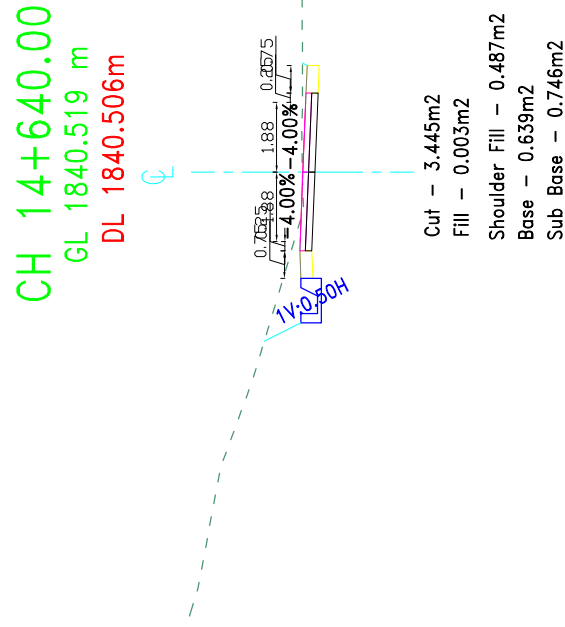
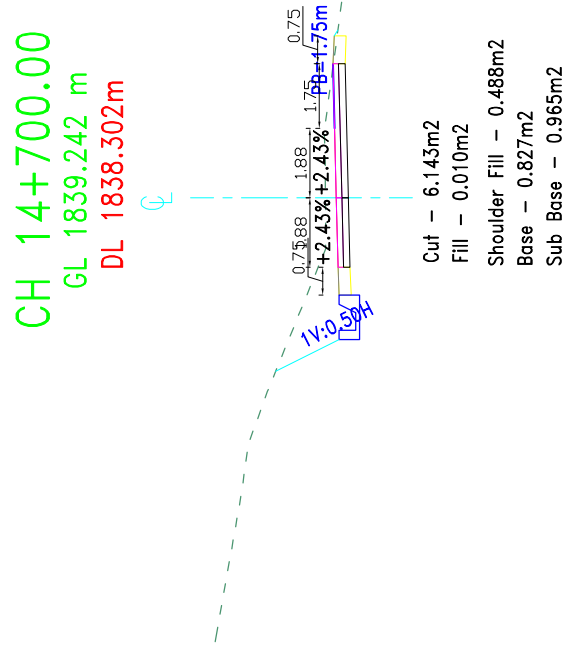
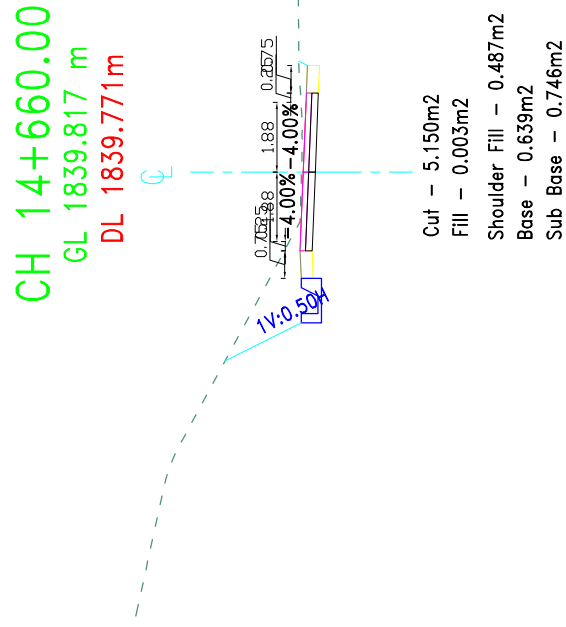
MASONRY WALL

GENERAL NOTES :

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

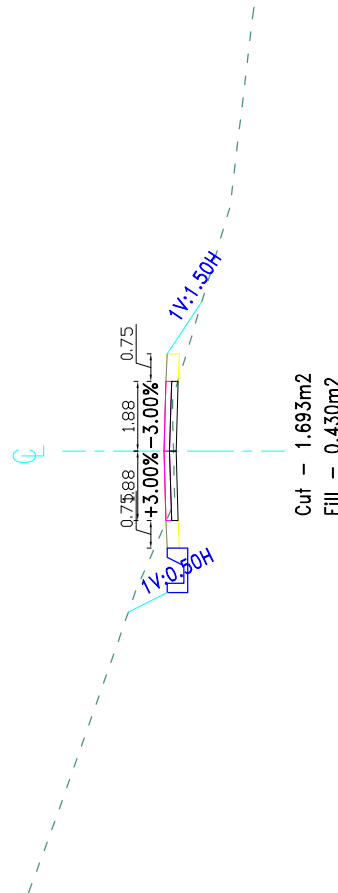
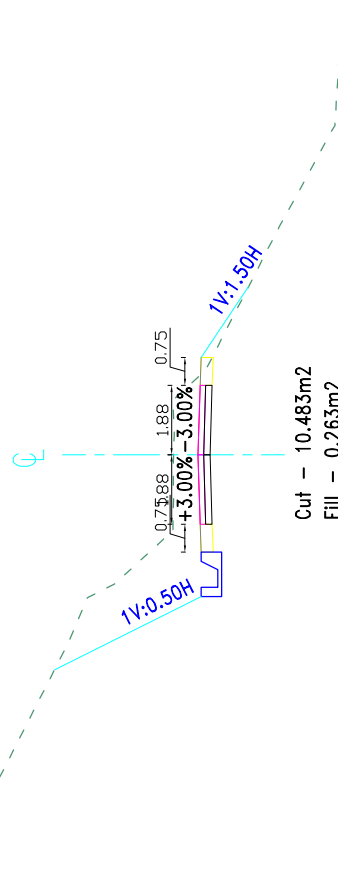
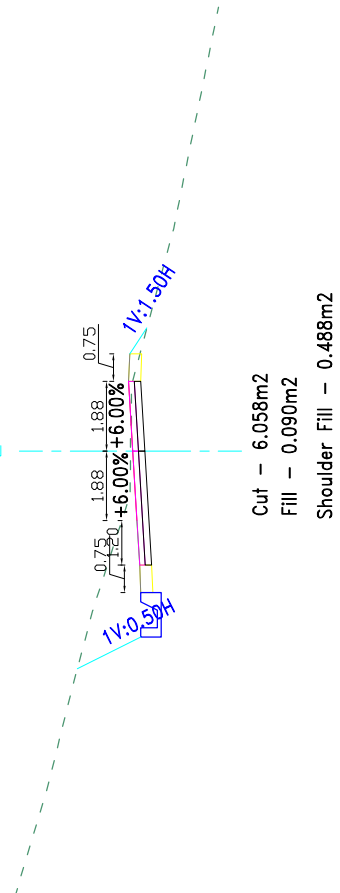
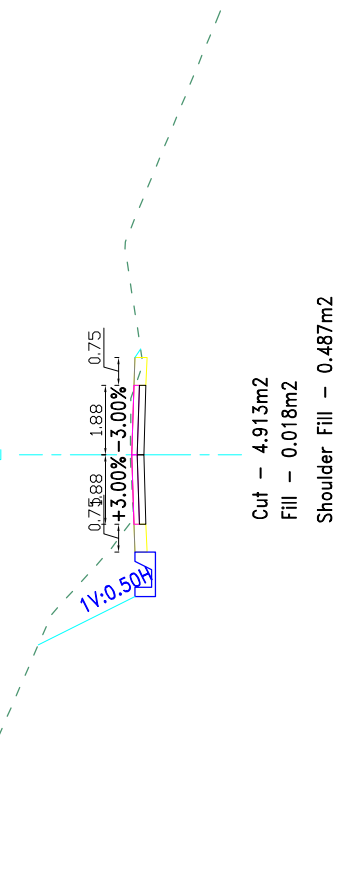
[illegible]

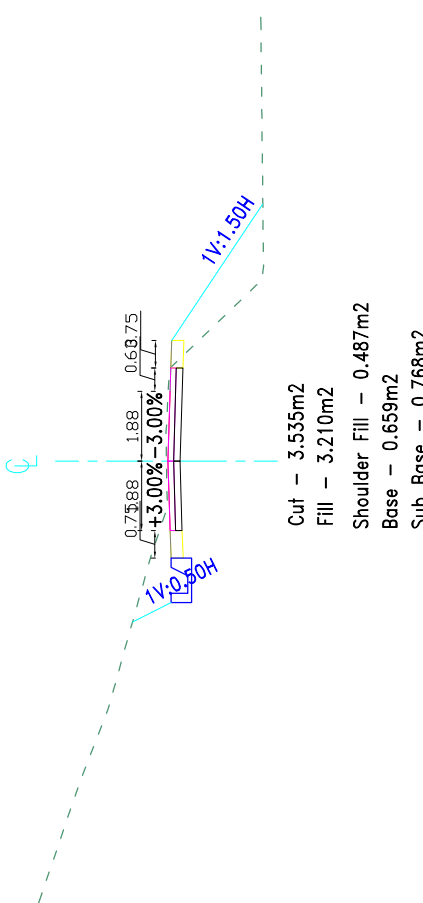
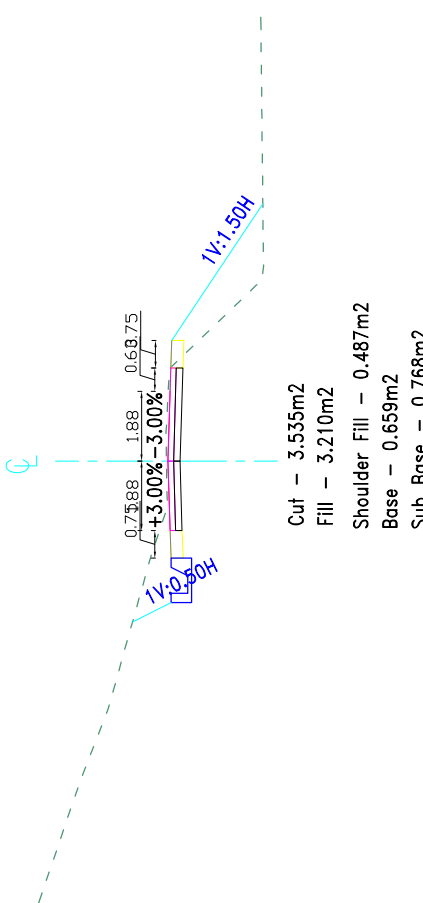
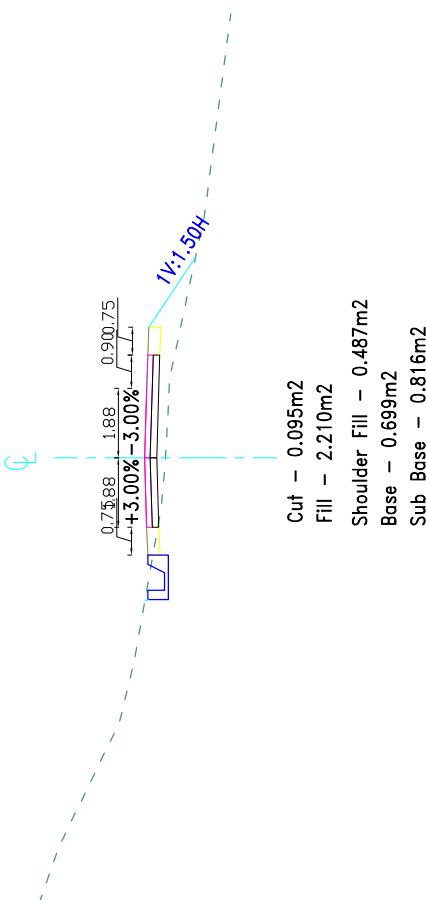
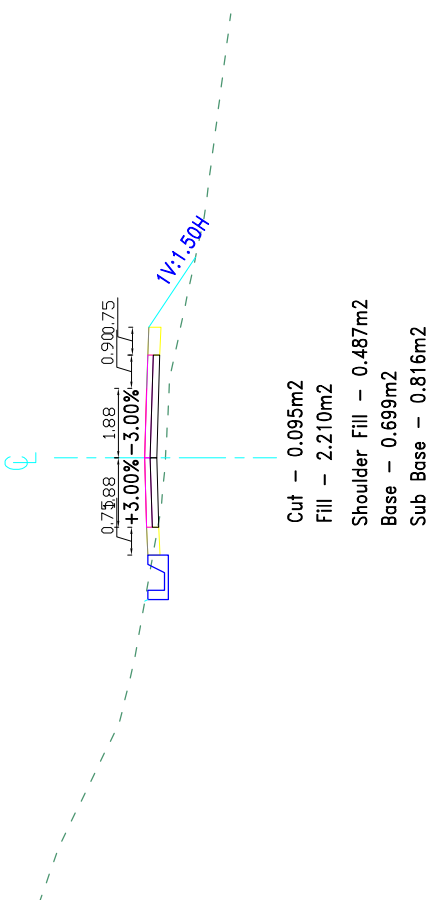
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT CONSULTANT:  BEAM - CEMECA - JV SARPAJALPITR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNRI 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.: 183
CH 14+580.00 GL 1843.183 m DL 1842.696m  Cut – 7.478m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.648m2 Sub Base – 0.756m2		CH 14+620.00 GL 1841.568 m DL 1841.240m  Cut – 5.718m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.564m2 Sub Base – 0.658m2				1:200			
CH 14+560.00 GL 1842.971 m DL 1843.230m  Cut – 2.383m2 Fill – 0.075m2 Shoulder Fill – 0.488m2 Base – 0.648m2 Sub Base – 0.756m2		CH 14+600.00 GL 1842.261 m DL 1841.975m  Cut – 5.773m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Base – 0.564m2 Sub Base – 0.658m2				1:200			

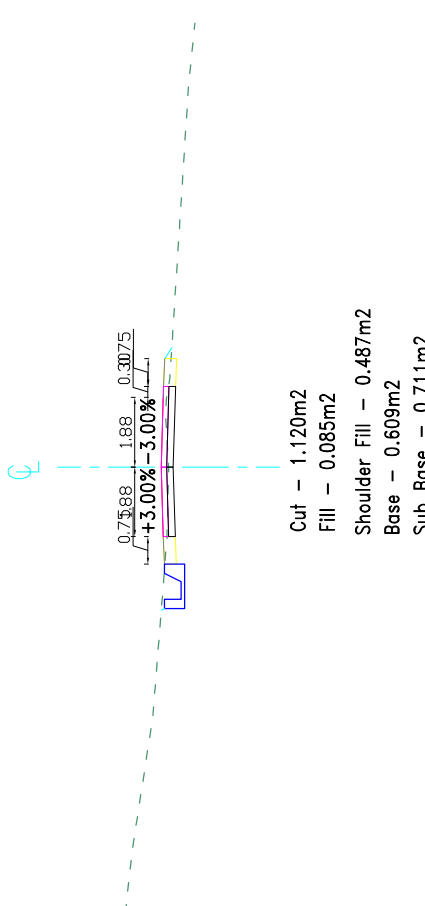
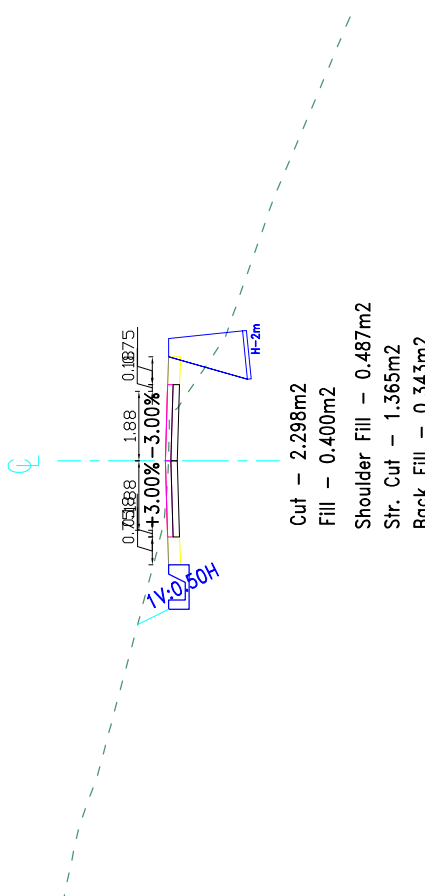
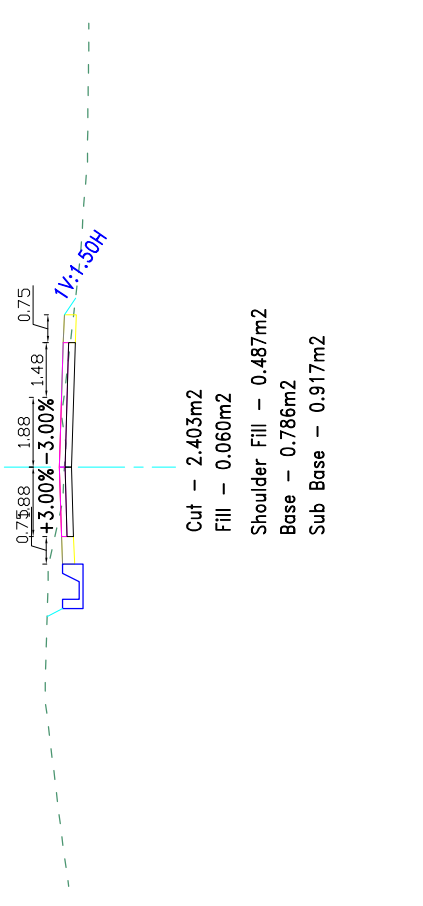
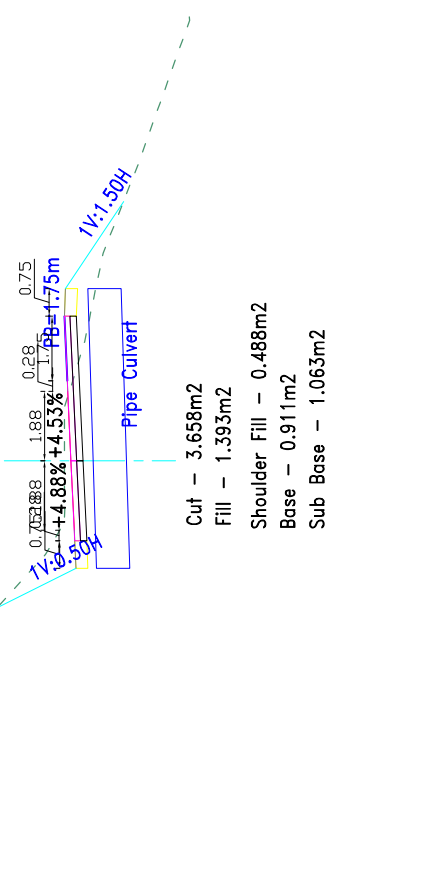


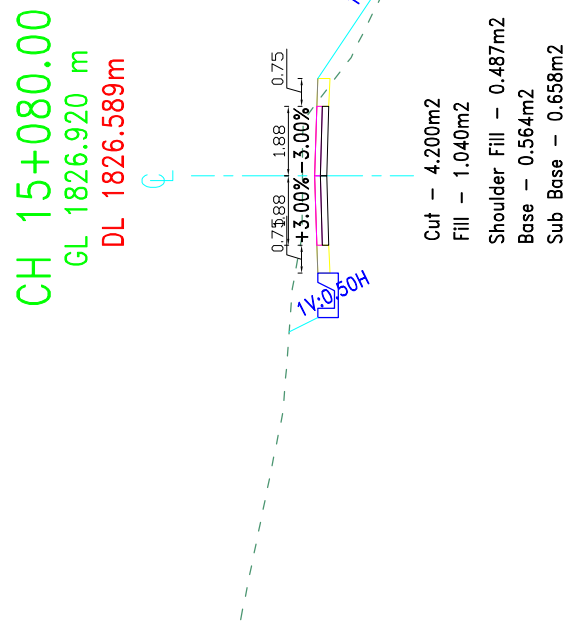
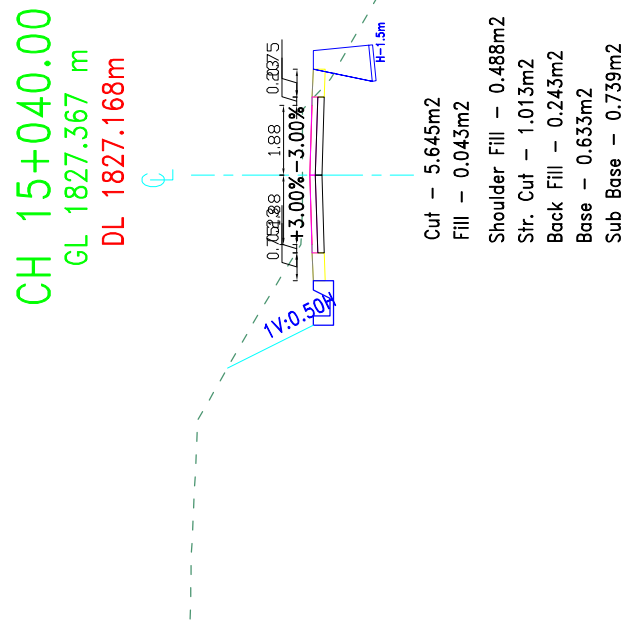
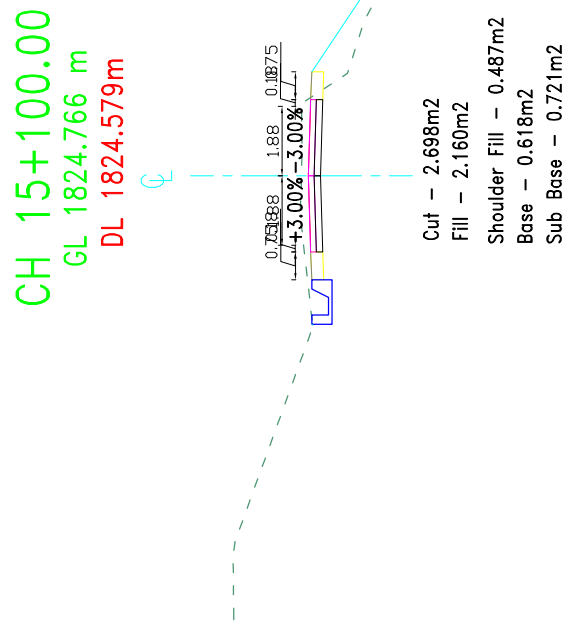
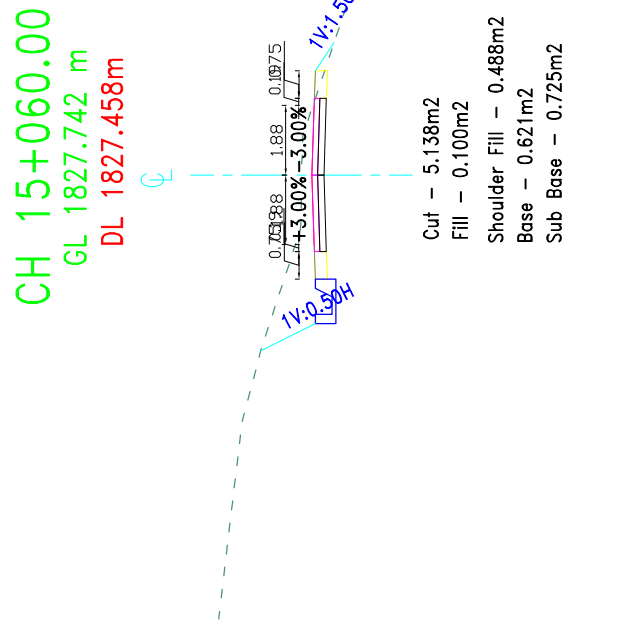
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU	CONSULTANT:  BEAM - CEMECA - Jy SANGRA, KATHMANDU	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GESI PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNSARI ROAD KATHMANDU, NEPAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
--	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

	 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT	CONSULTANT: BEAM - CEMECA - Jy SAWAPALIMTAR	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 MANGAUPUR, NEPAL	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section CH 14+720.00 – 14+780.00	DATE: November, 2017 DRWG NO.: 3 SHEET No. : 185
LEGENDS : CENTER LEVEL GABION WALL GROUND LEVEL MASONRY WALL DESIGN LEVEL SIDE DRAIN GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN MTR. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING. CH 14+740.00 GL 1836.918 m DL 1836.867m +1.11% +1.11% 1V:0.50H 1V:1.50H 0.7588 1.88 0.2875 -5.00% -4.82% Cut — 2.760m2 Fill — 0.000m2 Shoulder Fill — 0.487m2 Base — 0.648m2 Sub Base — 0.756m2 CH 14+780.00 GL 1836.222 m DL 1836.363m +1.11% +1.11% 1V:0.50H 1V:1.50H 0.7588 1.88 0.2875 +1.11% +1.11% Cut — 2.243m2 Fill — 0.135m2 Shoulder Fill — 0.488m2 Base — 0.564m2 Sub Base — 0.658m2 CH 14+720.00 GL 1837.658 m DL 1837.568m +4.14% +4.82% 1V:0.50H 1V:1.50H 0.7588 1.88 0.2875 -4.14% -4.82% Cut — 5.005m2 Fill — 0.000m2 Shoulder Fill — 0.487m2 Base — 0.648m2 Sub Base — 0.756m2 CH 14+760.00 GL 1836.243 m DL 1836.559m +4.82% +4.82% 1V:0.50H 1V:1.50H 0.7588 1.88 0.2875 +4.82% +4.82% Cut — 0.418m2 Fill — 0.115m2 Shoulder Fill — 0.487m2 Base — 0.648m2 Sub Base — 0.756m2											

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU  BEAM - CEMCA - Jy SARWALAYA		CONSULTANT:		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 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.: 186	
CH 14+820.00 GL 1836.119 m DL 1836.376m  Cut – 1.693m2 Fill – 0.430m2 Shoulder Fill – 0.487m2 Base – 0.564m2 Sub Base – 0.658m2		CH 14+860.00 GL 1837.487 m DL 1836.824m  Cut – 10.483m2 Fill – 0.263m2 Shoulder Fill – 0.487m2 Base – 0.564m2 Sub Base – 0.658m2		CH 14+800.00 GL 1836.277 m DL 1836.212m  Cut – 6.058m2 Fill – 0.090m2 Shoulder Fill – 0.488m2 Base – 0.744m2 Sub Base – 0.868m2		CH 14+840.00 GL 1836.635 m DL 1836.600m  Cut – 4.913m2 Fill – 0.018m2 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 KATHMANDU, NEPAL  BEAM - CEMECA - Jy SARDAJALIMPA PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GESI PLAN OF BHIMPHEDI - BOGATE - IPA DEDURALI - SUNNERI ROAD KATHMANDU, 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.: 187	
CH 14+900.00 GL 1834.697 m DL 1834.657m 		CH 14+900.00 GL 1834.697 m DL 1834.657m 		CH 14+920.00 GL 1832.567 m DL 1833.129m 		CH 14+920.00 GL 1832.567 m DL 1833.129m 													

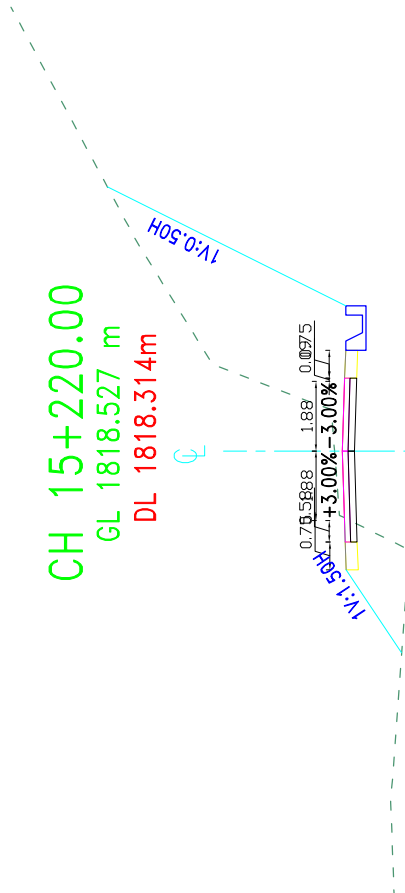
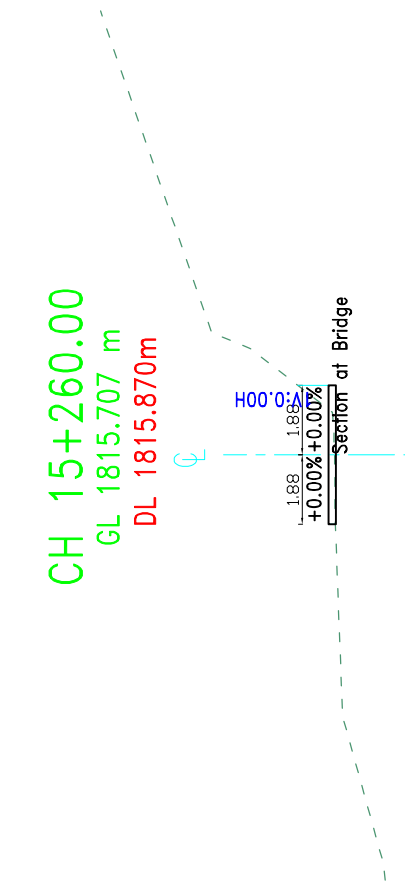
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARWALAYITRA PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCERNING THE STUDY AND COST PLAN OF BHEMPHEDI - BOGATE - IPA DEDRALI - SUNNET ROAD KATHMANDU, NEPAL		CONSULTANT:		PROJECT:		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME		DESIGNATION		SIGNATURE		DATE		SCALE		Cross-Section		DATE: November, 2017											
CH 14+980.00 GL 1828.346 m DL 1828.546m				Cut - 1.120m2 Fill - 0.085m2 Shoulder Fill - 0.487m2 Base - 0.609m2 Sub Base - 0.711m2		CH 15+020.00 GL 1826.791 m DL 1826.877m				Cut - 2.298m2 Fill - 0.400m2 Shoulder Fill - 0.487m2 Str. Cut - 1.365m2 Back Fill - 0.343m2 Base - 0.618m2 Sub Base - 0.721m2		CH 14+960.00 GL 1829.939 m DL 1830.074m				Cut - 2.403m2 Fill - 0.060m2 Shoulder Fill - 0.487m2 Base - 0.786m2 Sub Base - 0.917m2		CH 15+000.00 GL 1827.257 m DL 1827.081m				Cut - 3.658m2 Fill - 1.393m2 Shoulder Fill - 0.488m2 Base - 0.911m2 Sub Base - 1.063m2		1:200		CH 14+960.00-15+020.00		DRWG NO.: 3		SHEET No.: 188	

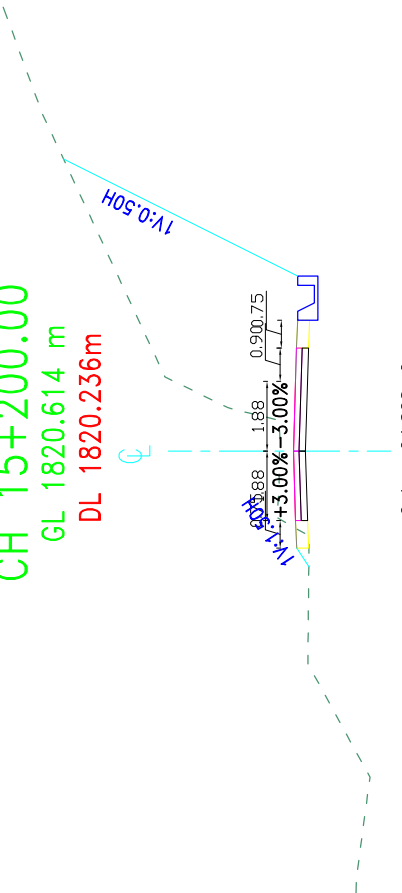
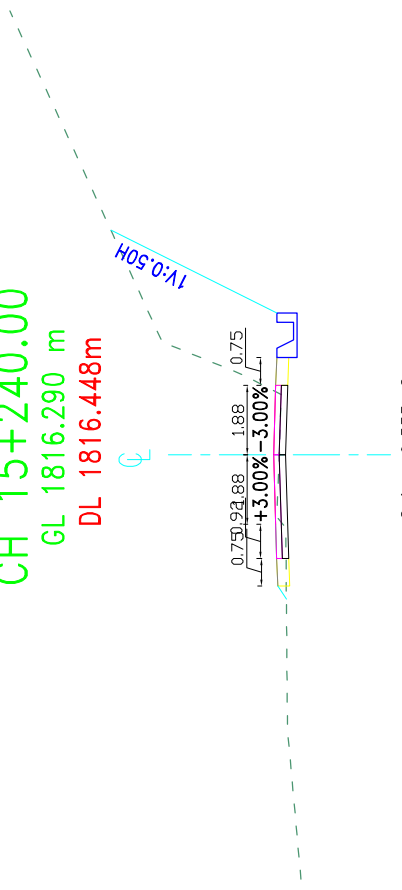


 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU	 CONSULTANT: BEAM - CEMCA - Jy SANGRA, KATHMANDU	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GESI PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNSARI ROAD KATHMANDU, NEPAL						SCALE 1:200	Cross-Section	DATE: November, 2017	
			DESIGNED BY :								DWG NO.: 3
			CHECKED BY :								CH 15+040.00-15+100.00
			RECOMMENDED BY :								SHEET No. : 189
			APPROVED BY :								

[illegible]

 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 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.: 191	
													1:200		CH 15+200.00-15+260.00			

CH 15+220.00 GL 1818.527 m DL 1818.314m  Cut - 18.390m2 Fill - 3.093m2 Shoulder Fill - 0.487m2 Base - 0.665m2 Sub Base - 0.775m2		CH 15+260.00 GL 1815.707 m DL 1815.870m  Cut - 0.000m2 Fill - 0.000m2 Shoulder Fill - 0.000m2	
--	--	--	--

CH 15+200.00 GL 1820.614 m DL 1820.236m  Cut - 24.828m2 Fill - 0.098m2 Shoulder Fill - 0.487m2 Base - 0.699m2 Sub Base - 0.816m2		CH 15+240.00 GL 1816.290 m DL 1816.448m  Cut - 9.555m2 Fill - 0.040m2 Shoulder Fill - 0.487m2 Base - 0.702m2 Sub Base - 0.819m2	
--	--	--	--

LEGENDS :

CENTER LEVEL

GROUND LEVEL

DESIGN LEVEL

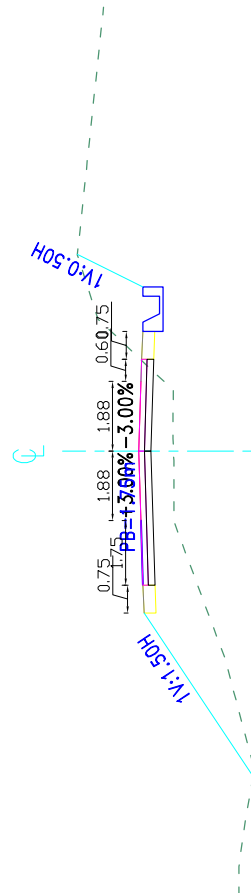
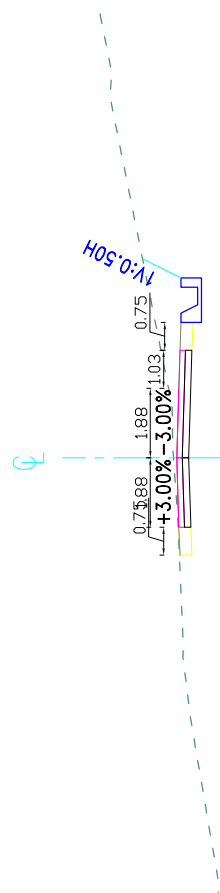
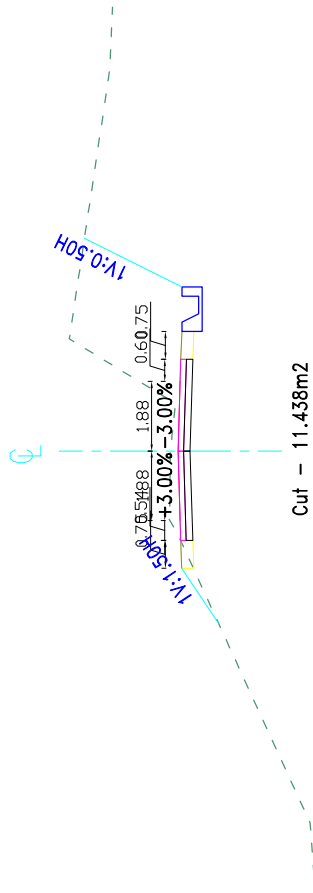
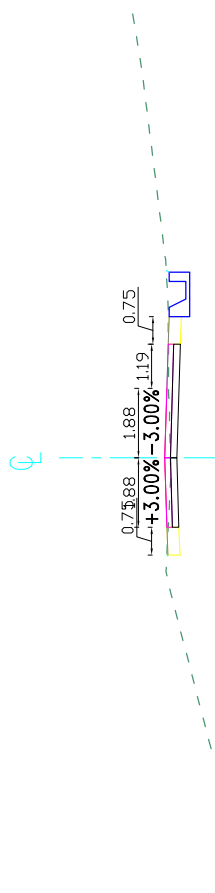
SIDE DRAIN

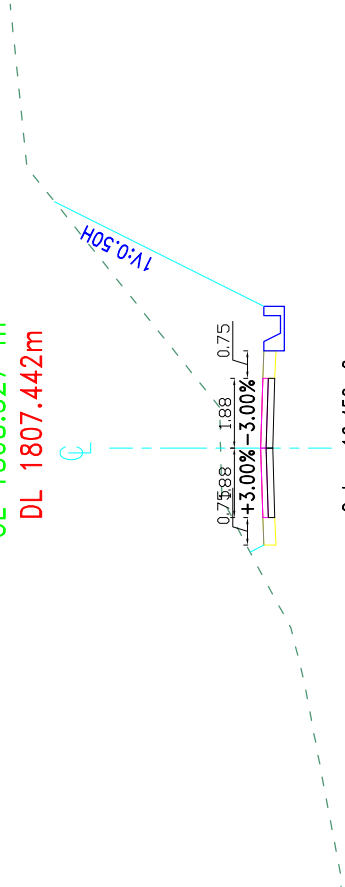
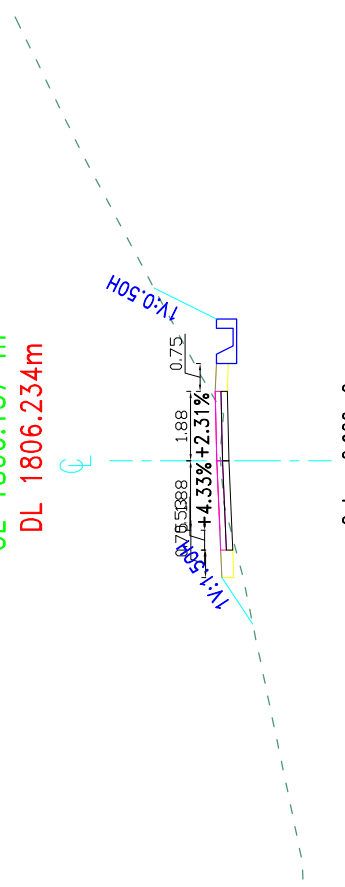
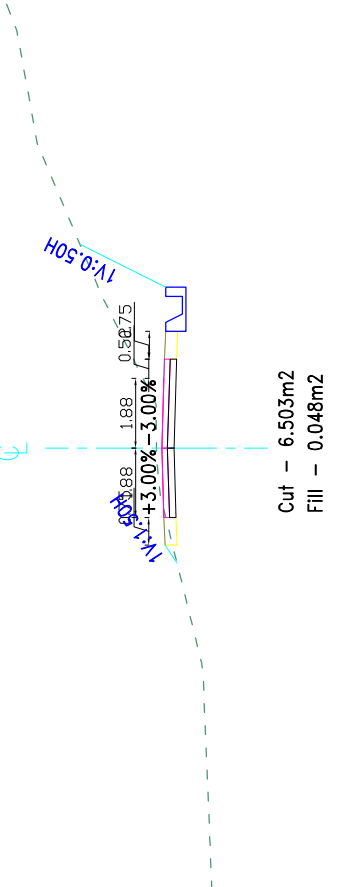
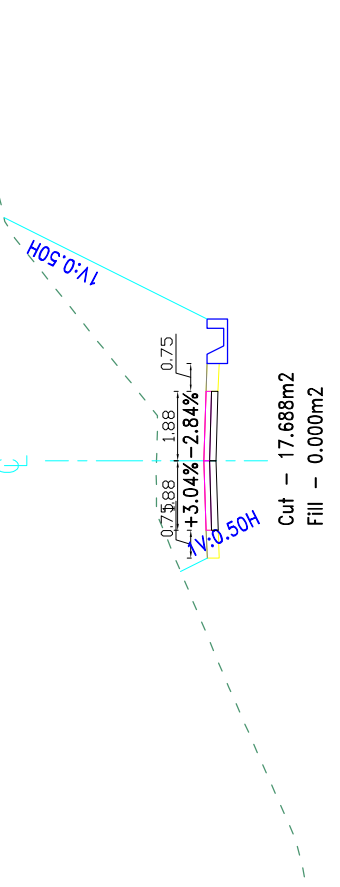
GABION WALL

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 SARDJA/ATP/08 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		Cross-Section		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 192	
CH 15+300.00 GL 1812.493 m DL 1813.429m  Cut – 2.853m2 Fill – 8.890m2 Shoulder Fill – 0.488m2 Base – 0.917m2 Sub Base – 1.070m2		CH 15+340.00 GL 1809.133 m DL 1809.045m  Cut – 4.508m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.719m2 Sub Base – 0.838m2		CH 15+280.00 GL 1815.667 m DL 1815.463m  Cut – 11.438m2 Fill – 0.225m2 Shoulder Fill – 0.488m2 Base – 0.735m2 Sub Base – 0.858m2		CH 15+320.00 GL 1811.048 m DL 1811.200m  Cut – 1.765m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.743m2 Sub Base – 0.866m2		SCALE 1:200									

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT CONSULTANT:  BEAM - CEMECA - Jy SARWAL/ATM 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 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.: 193	
	CH 15+380.00 GL 1808.527 m DL 1807.442m  Cut – 16.450m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.564m2 Sub Base – 0.658m2 CH 15+420.00 GL 1806.137 m DL 1806.234m  Cut – 2.920m2 Fill – 0.495m2 Shoulder Fill – 0.488m2 Base – 0.644m2 Sub Base – 0.751m2 CH 15+360.00 GL 1808.193 m DL 1808.046m  Cut – 6.503m2 Fill – 0.048m2 Shoulder Fill – 0.487m2 Base – 0.642m2 Sub Base – 0.749m2 CH 15+400.00 GL 1808.123 m DL 1806.838m  Cut – 17.688m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.564m2 Sub Base – 0.658m2																		CH 15+360.00–15+420.00	

LEGENDS :

CENTER LEVEL

GROUND LEVEL

DESIGN LEVEL

SIDE DRAIN

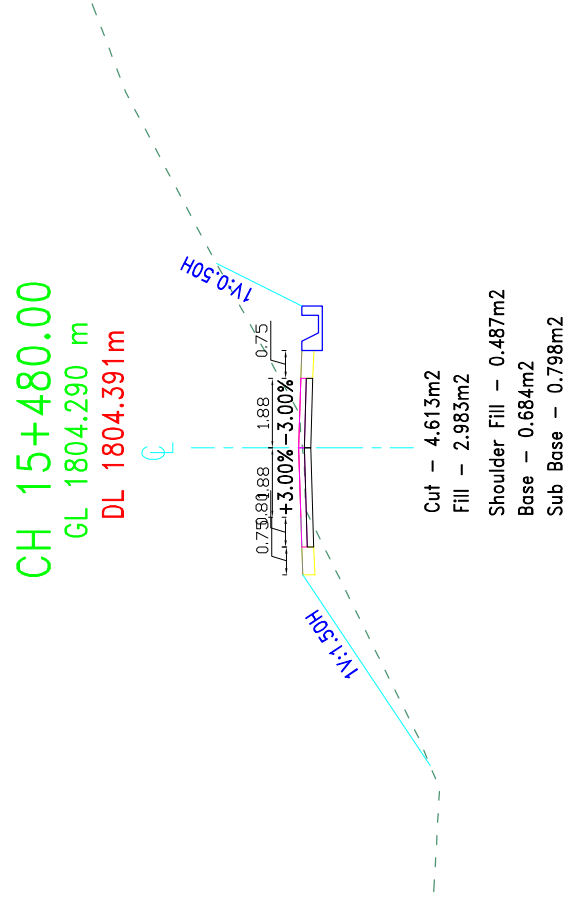
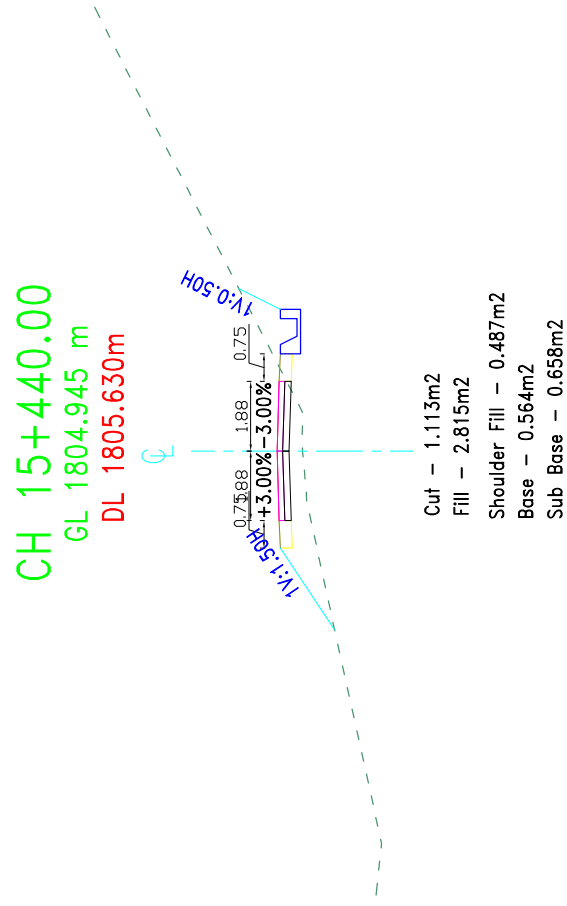
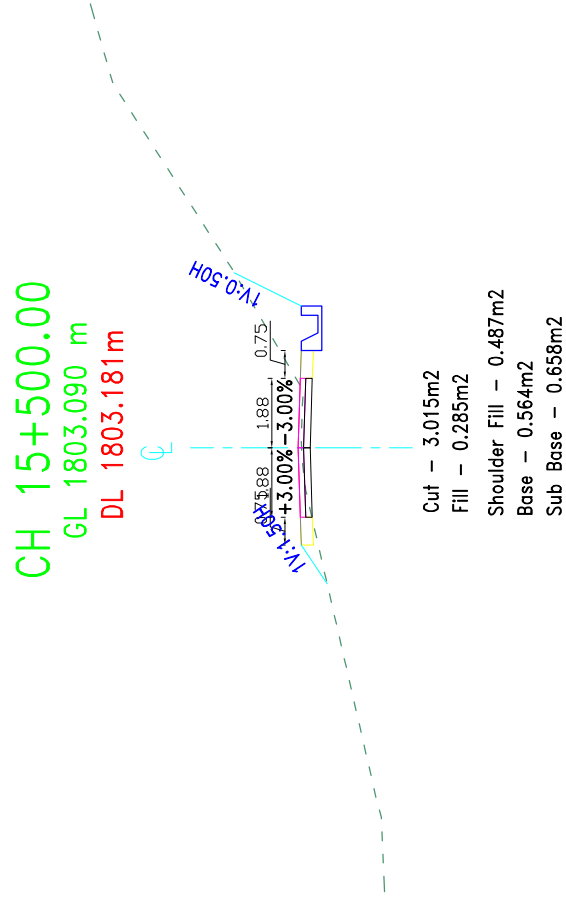
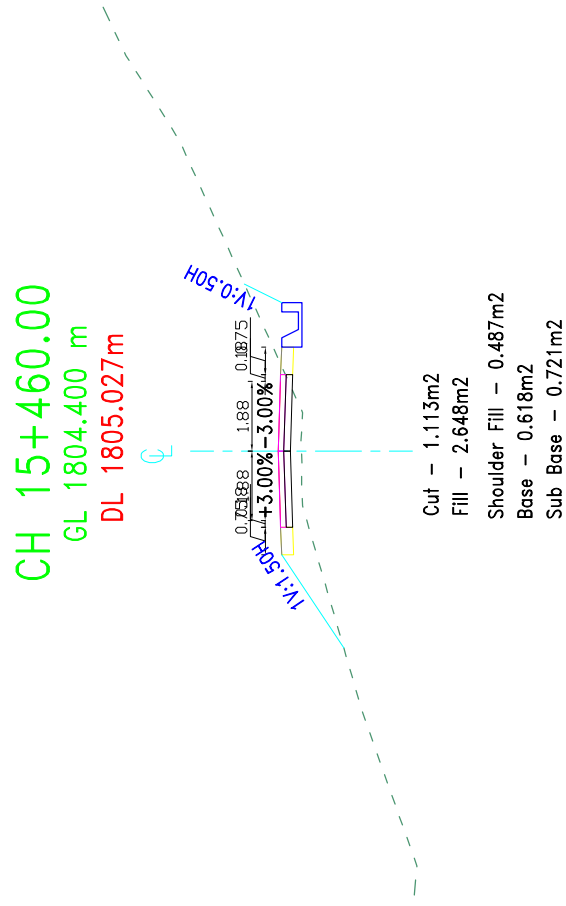
GABION WALL

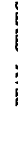
MASONRY WALL

GENERAL NOTES :

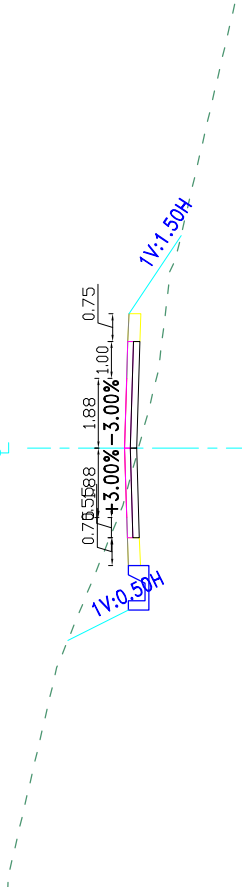
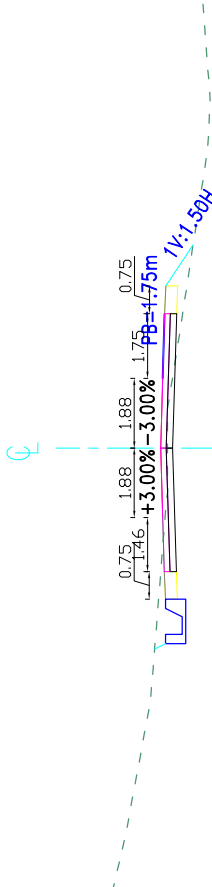
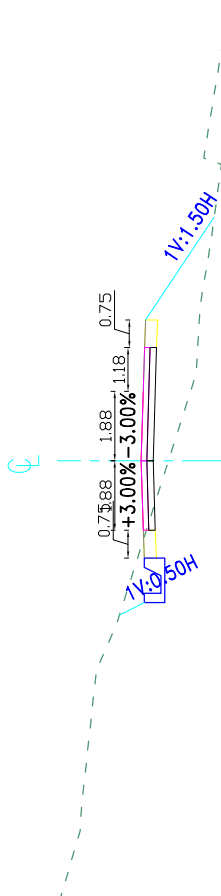
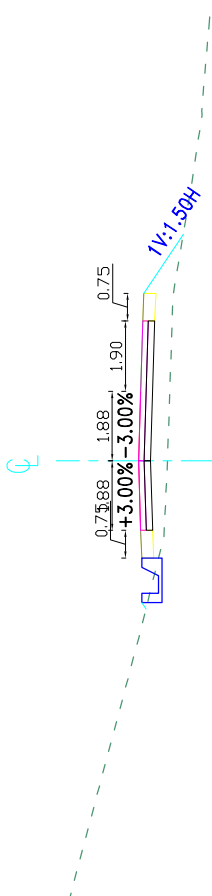
1. ALL THE DIMENSIONS ARE IN Mtr.
UNLESS OTHERWISE MENTIONED.

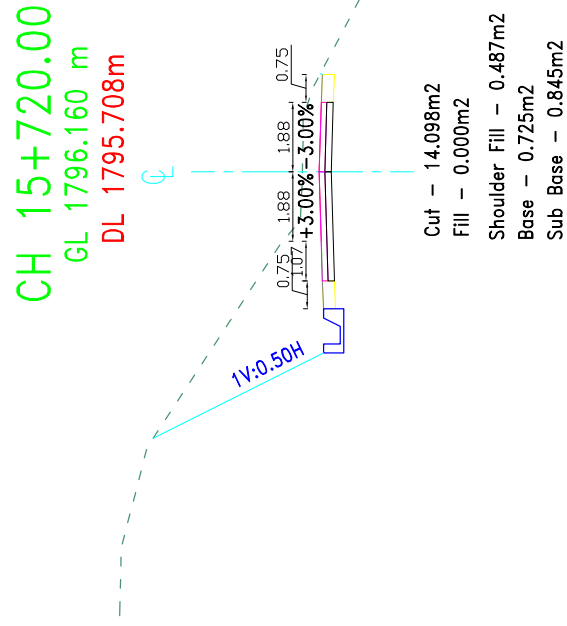
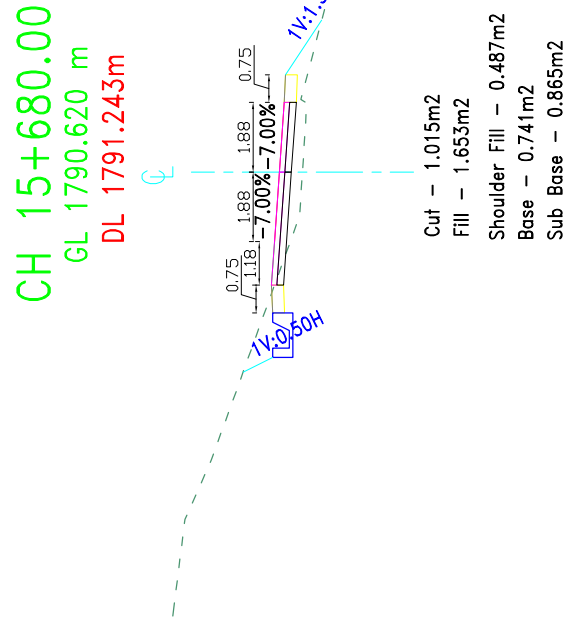
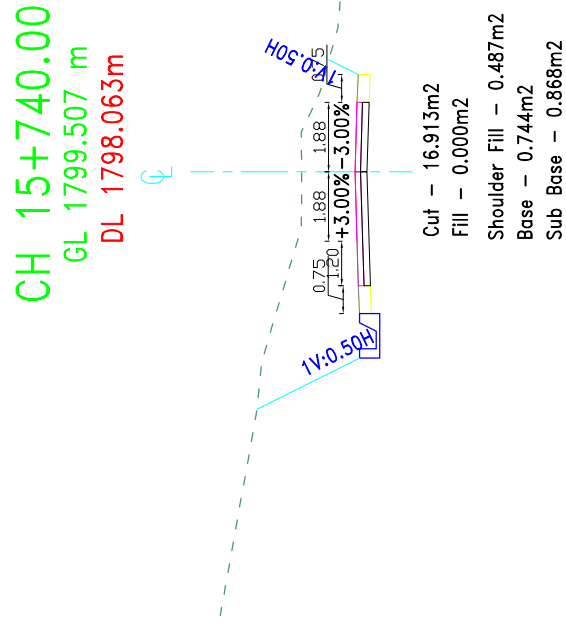
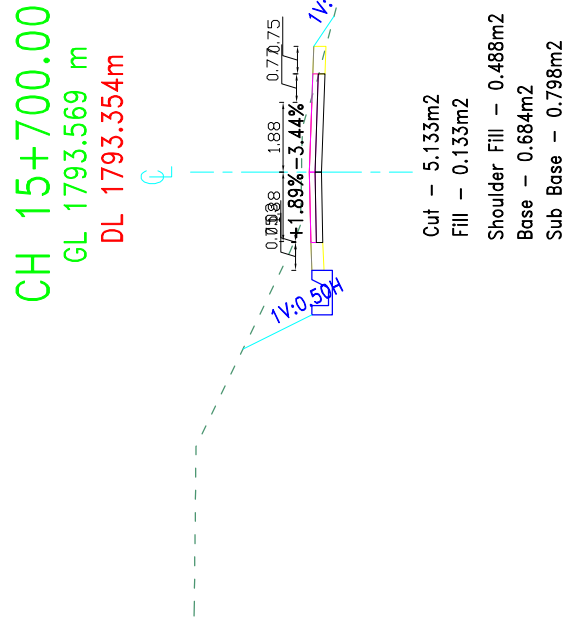
2. DO NOT SCALE THE DRAWING.



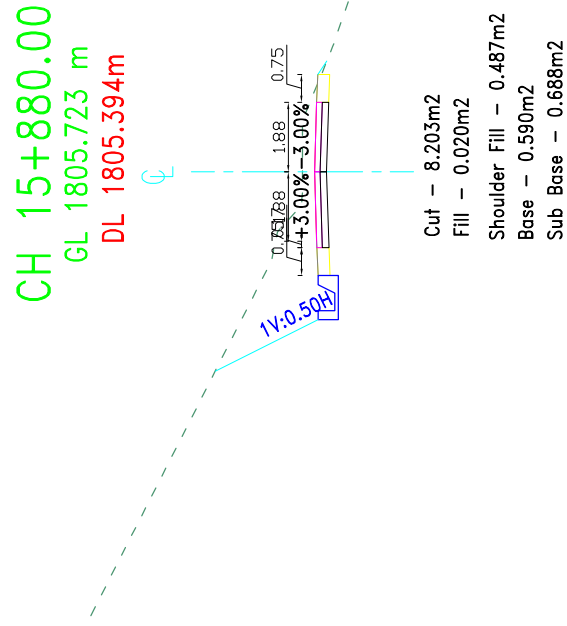
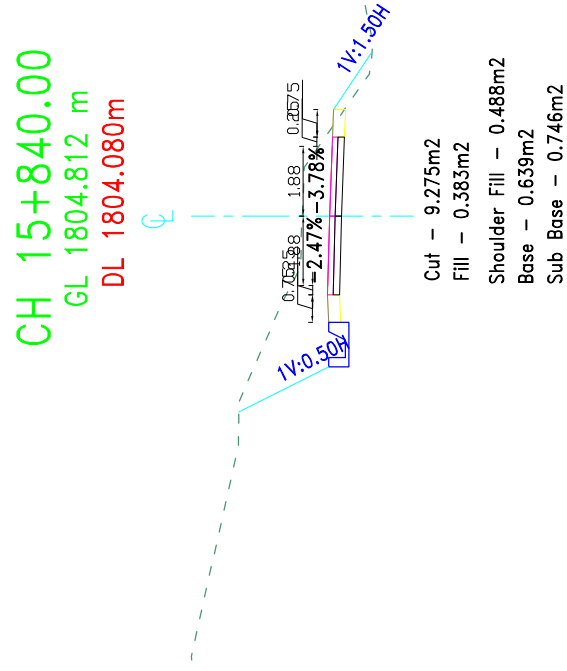
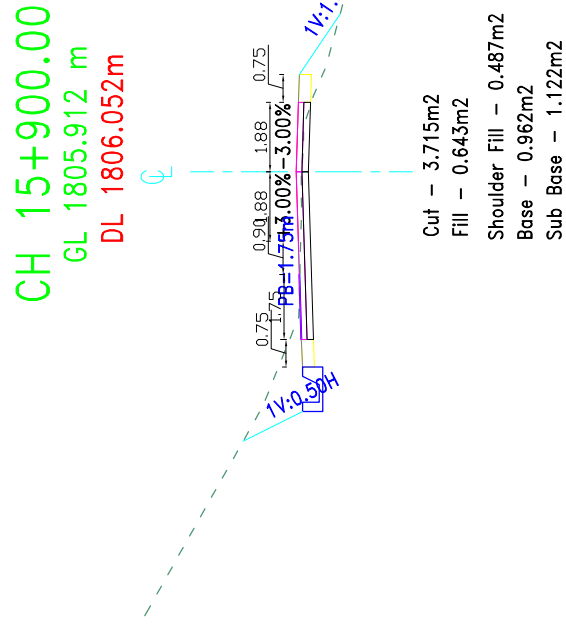
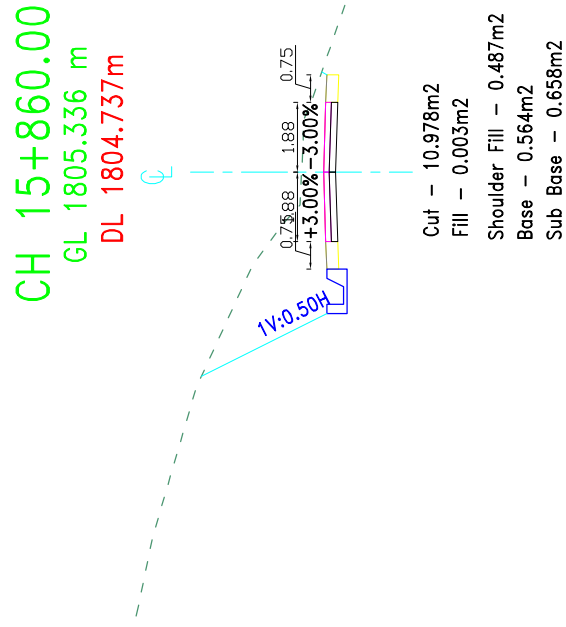
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SUPPORT TO LULUWA	 BEAM - CEMECA - Jy BANGLADESH EARTHQUAKE REPAIR CENTER	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GSI PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SINNERI ROAD MADHUPUR, NEPAL				SCALE 1:200	Cross-Section	DATE: November, 2017	
			DESIGNED BY : 	CHECKED BY : 	RECOMMENDED BY : 			APPROVED BY : 	DRWG NO.: 3
			CH 15+440.00-15+500.00					SHEET No. : 194	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU  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 DUDRALI - SUNNERT ROAD MADHAWPUR, NEPAL		CONSULTANT:		PROJECT:		NAME		DESIGNATION	SIGNATURE	DATE	SCALE		Cross-Section		DATE: November, 2017	
											1:200		CH 15+520.00-15+580.00		DRWG NO.: 3	
															SHEET No.: 195	

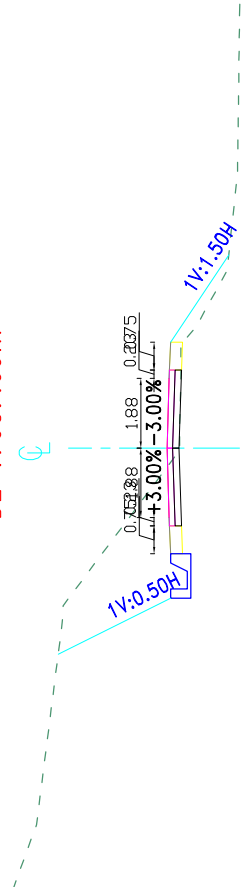
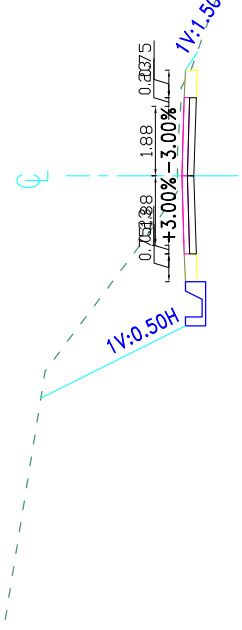
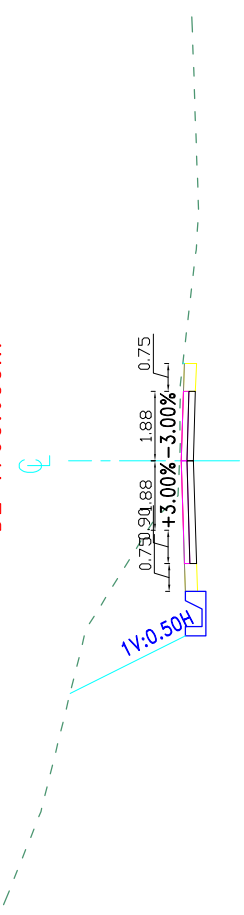
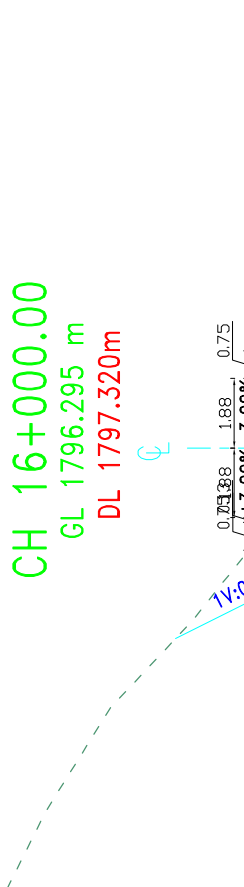
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT		 CEMECA - Jy SARWALATHI CONSULTANT:		PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBRALI - SUNERI ROAD MADANPURI, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME DESIGNATION SIGNATURE DATE		SCALE 1:200		Cross-Section CH 15+600.00-15+660.00		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 196	
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. CH 15+620.00 GL 1791.219 m DL 1791.593m  Cut - 3.388m2 Fill - 2.530m2 Shoulder Fill - 0.488m2 Base - 0.797m2 Sub Base - 0.930m2 CH 15+640.00 GL 1793.783 m DL 1793.967m  Cut - 1.848m2 Fill - 0.553m2 Shoulder Fill - 0.487m2 Base - 1.046m2 Sub Base - 1.220m2 CH 15+660.00 GL 1790.031 m DL 1790.770m  Cut - 0.900m2 Fill - 5.613m2 Shoulder Fill - 0.487m2 Base - 0.741m2 Sub Base - 0.865m2 CH 15+680.00 GL 1789.822 m DL 1790.602m  Cut - 0.000m2 Fill - 3.638m2 Shoulder Fill - 0.487m2 Base - 0.849m2 Sub Base - 0.991m2															



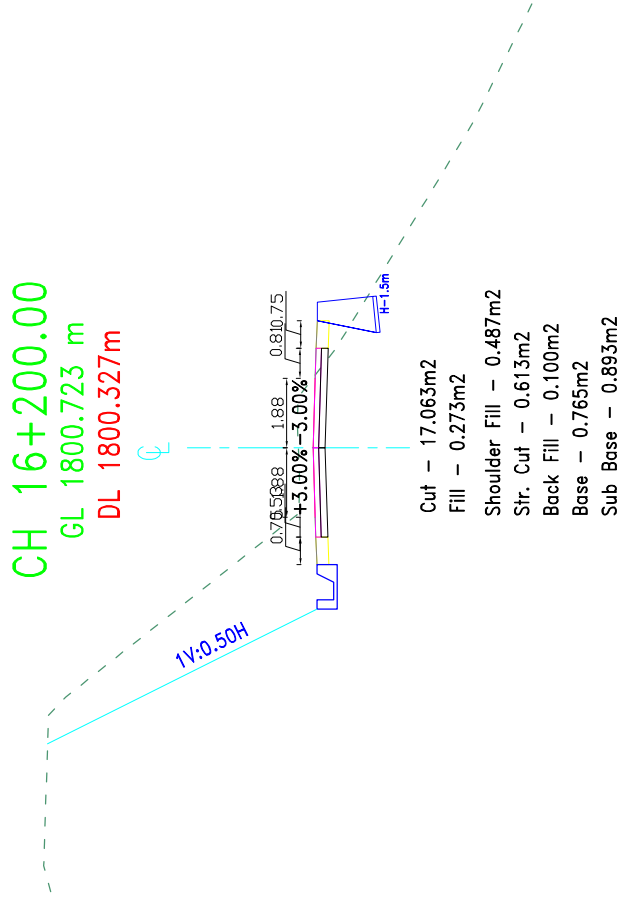
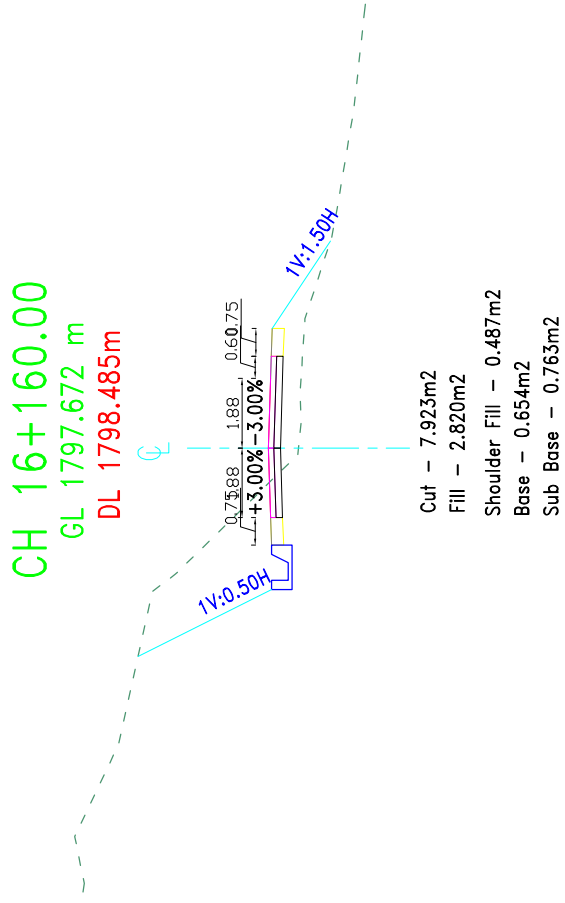
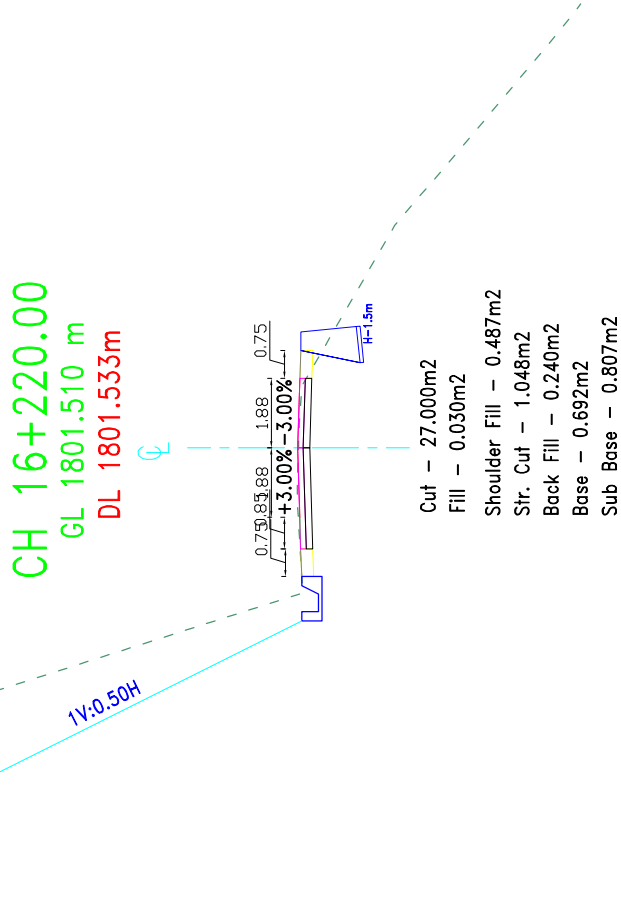
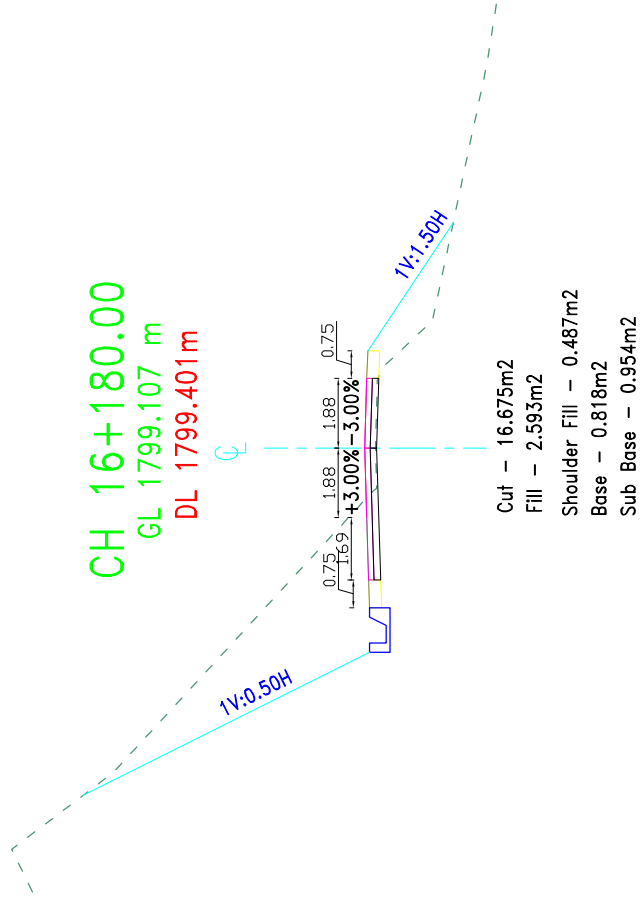
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT RESPONSE/REPAIR	 BEAM - CEMCA - Jy SANDEEP KAJTHAR	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCERNING THE STUDY AND GESSI PLAN OF BHIMPHEDI - BOGATE - TPA DEURALI- SISRNI ROAD MUNAWAPURA, NEPAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KOSOVOLLAJITPUR	 BEAM - CEMCA - Jy SANDEEP KADTHUR	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCERNING THE STUDY AND GESSI PLAN OF BHIMPHEDI - BOGATE - TPA DEURALI- SUNSERI ROAD KATHMANDU, NEPAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU  BEAM - CEMCA - Jy SARDARAJA PUNE		PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEDRALI - SUNNARI ROAD KATHMANDU, NEPAL		CONSULTANT: BEAM - CEMCA - Jy SARDARAJA PUNE		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.: 201	
CH 16+020.00 GL 1795.073 m DL 1795.409m  Cut – 8.015m2 Fill – 0.708m2 Shoulder Fill – 0.488m2 Base – 0.633m2 Sub Base – 0.739m2		CH 16+040.00 GL 1795.543 m DL 1795.424m  Cut – 10.705m2 Fill – 0.038m2 Shoulder Fill – 0.488m2 Base – 0.633m2 Sub Base – 0.739m2		CH 16+060.00 GL 1795.702 m DL 1795.653m  Cut – 10.315m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.699m2 Sub Base – 0.816m2		CH 16+000.00 GL 1796.295 m DL 1797.320m  Cut – 2.223m2 Fill – 2.898m2 Shoulder Fill – 0.487m2 Sir. Cut – 0.843m2 Back Fill – 0.135m2 Base – 0.584m2 Sub Base – 0.681m2															

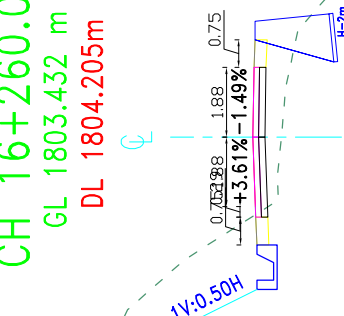
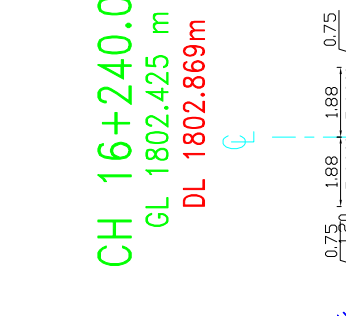
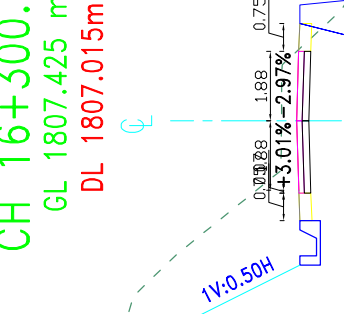
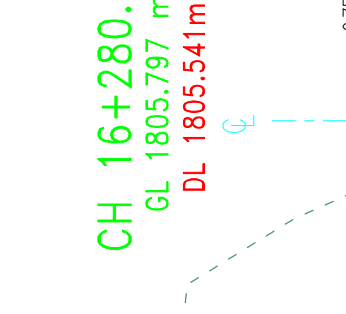
[illegible]



LEGENDS : — CENTER LEVEL — GROUND LEVEL — DESIGN LEVEL — SIDE DRAIN	 GABION WALL  MASONRY WALL	GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN MM. 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 SARVADAJYOTI PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE PRE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEDURALI - SUNNERTI ROAD MADANPURI, NEPAL	CONSULTANT:		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME	DESIGNATION	SIGNATURE	DATE	SCALE	1:200	Cross-Section	DATE: November, 2017		
	CH 16+240.00-16+300.00											DRWG NO.: 3		
												SHEET No.: 204		

CH 16+260.00 GL 1803.432 m DL 1804.205m  Cut – 6.840m2 Fill – 1.988m2 Shoulder Fill – 0.487m2 Str. Cut – 1.380m2 Back Fill – 0.270m2 Base – 0.607m2 Sub Base – 0.709m2	CH 16+240.00 GL 1802.425 m DL 1802.869m  Cut – 0.470m2 Fill – 1.340m2 Shoulder Fill – 0.487m2 Str. Cut – 1.783m2 Back Fill – 0.500m2 Base – 0.744m2 Sub Base – 0.868m2
CH 16+300.00 GL 1807.425 m DL 1807.015m  Cut – 13.113m2 Fill – 0.035m2 Shoulder Fill – 0.487m2 Str. Cut – 1.403m2 Back Fill – 0.408m2 Base – 0.575m2 Sub Base – 0.670m2	CH 16+280.00 GL 1805.797 m DL 1805.541m  Cut – 27.755m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.804m2 Sub Base – 0.938m2

LEGENDS :

CENTER LEVEL

GROUND LEVEL

DESIGN LEVEL

SIDE DRAIN

CABION WALL

MASONRY WALL

GENERAL NOTES :

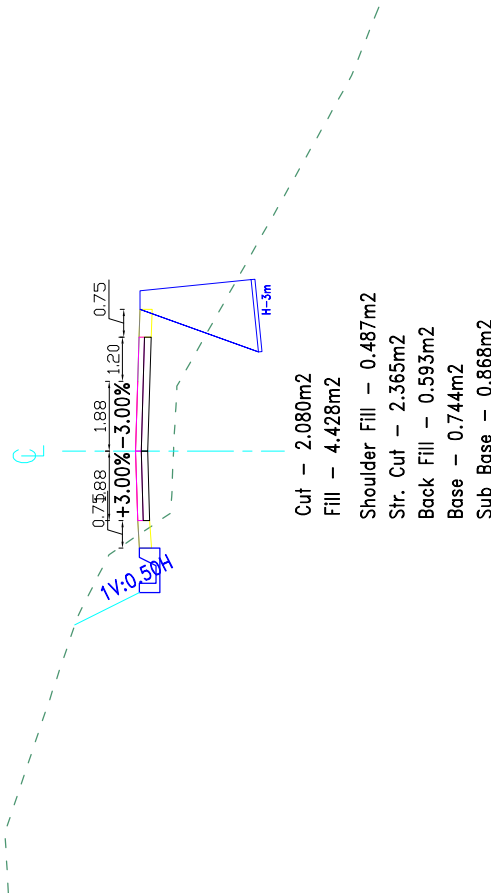
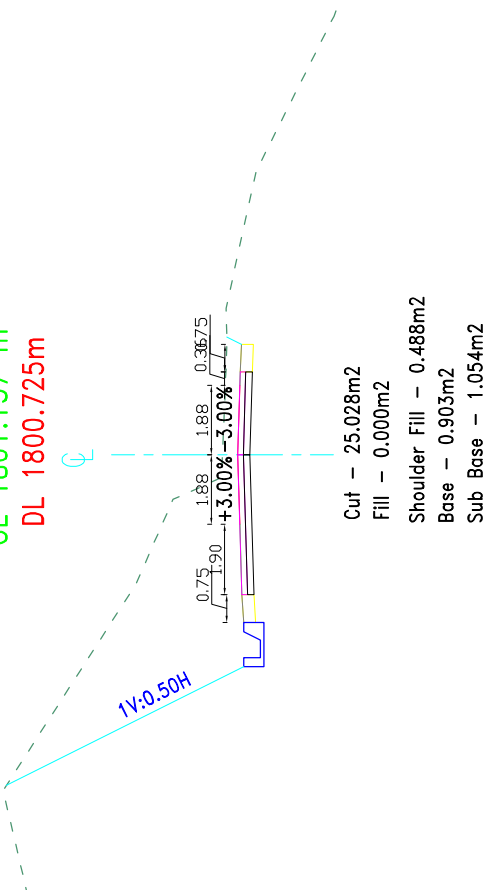
1. ALL THE DIMENSIONS ARE IN Mtr.
UNLESS OTHERWISE MENTIONED.
2. DO NOT SCALE THE DRAWING.

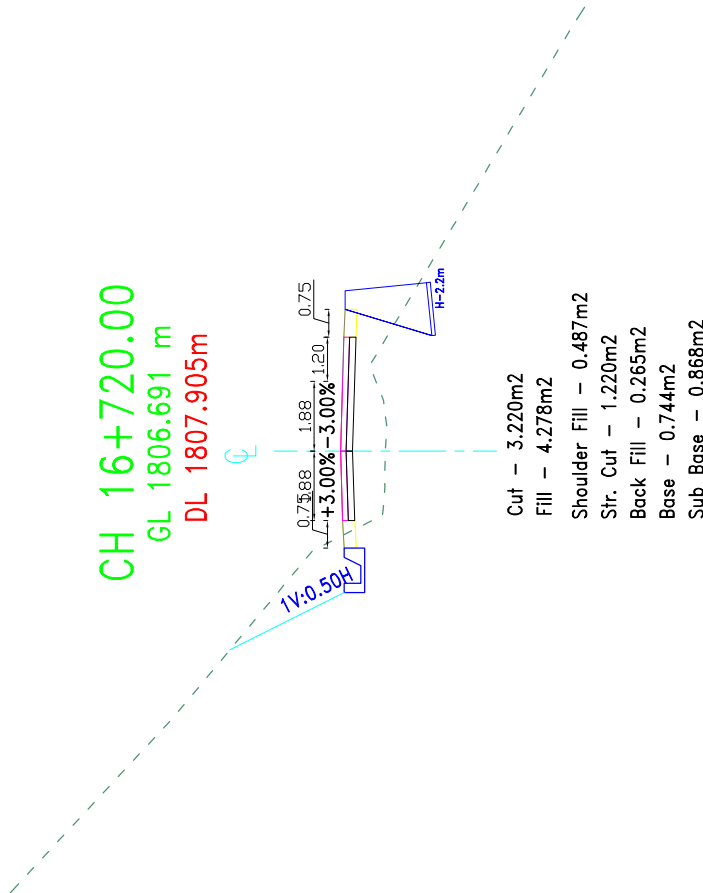
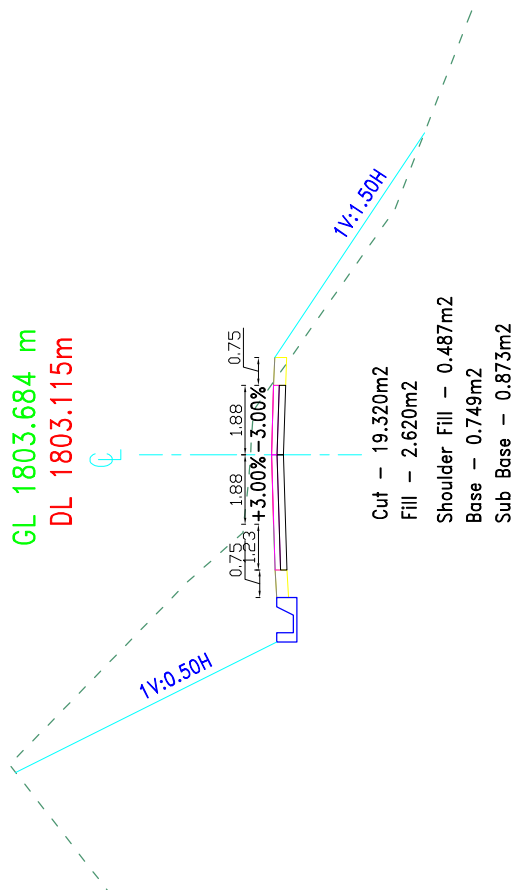
[illegible]

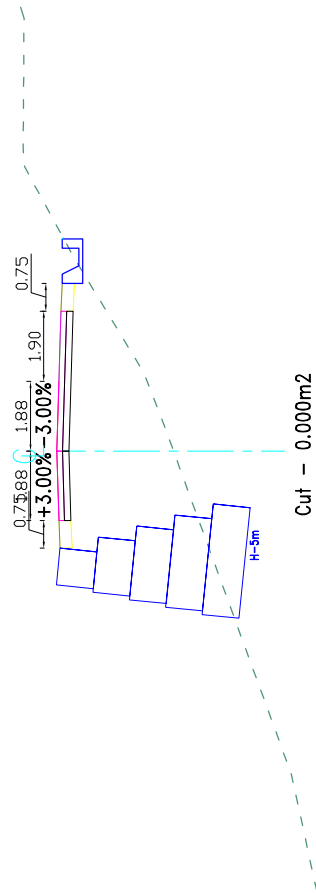
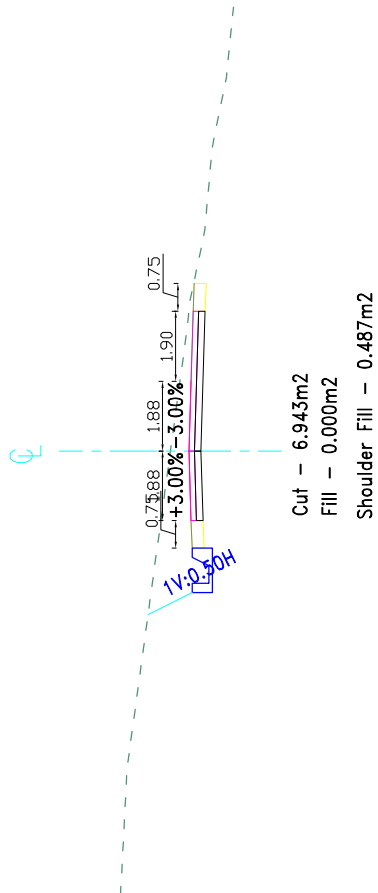
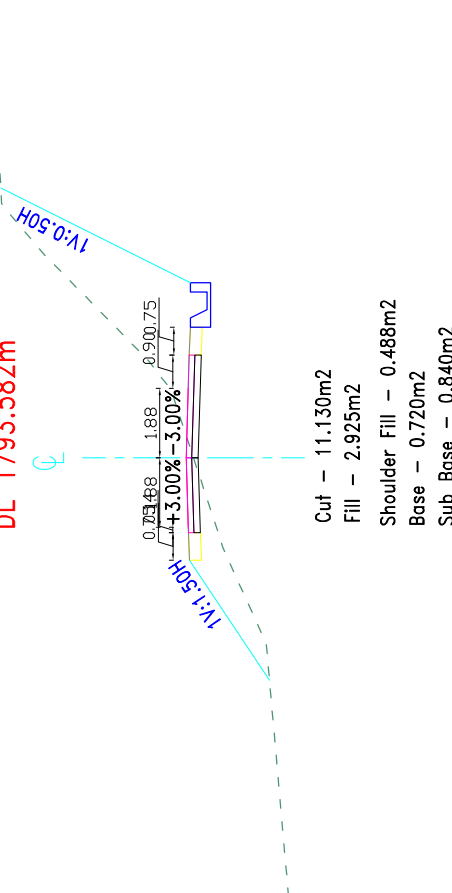
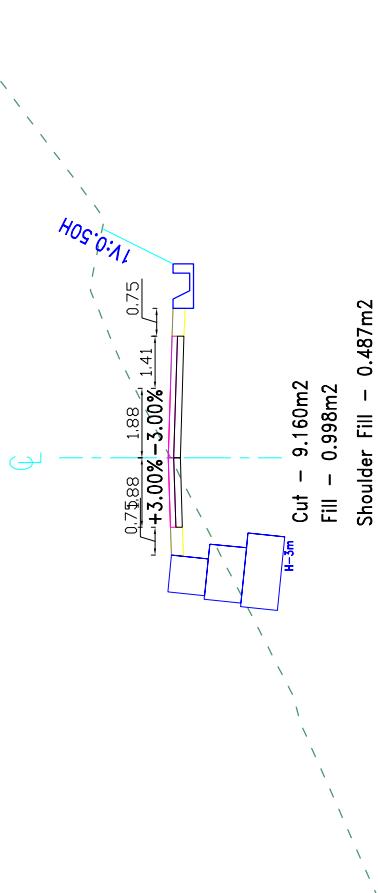
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SP/002/2017/01	 CEMCA - Jy SARWAL/AT/17/01 CONSULTANT:	DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DUDRALI - SUNNERT ROAD MUNAWAPUR, NEPAL PROJECT:	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME DESIGNATION SIGNATURE DATE	SCALE 1:200	Cross-Section CH 16+560.00-16+620.00	DATE: November, 2017
							DRWG NO.: 3
							SHEET No.: 208

[illegible]

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT CONSULTANT:  BEAM - CEMCA - Jy SARDAJA/ATP PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE FOR STUDY AND GSI PLAN OF BHIMPHEDI - BOGATE - IPA DUDRALI - SUNNARI ROAD MANANGPUR, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		NAME	DESIGNATION	SIGNATURE	DATE	SCALE	Cross-Section	DATE: November, 2017 DRWG NO.: 3 SHEET No.: 210
								1:200		CH 16+720.00-16+780.00

CH 16+740.00 GL 1804.486 m DL 1805.510m  Cut - 2.080m2 Fill - 4.428m2 Shoulder Fill - 0.487m2 Sir. Cut - 2.365m2 Back Fill - 0.593m2 Base - 0.744m2 Sub Base - 0.868m2	CH 16+780.00 GL 1801.137 m DL 1800.725m  Cut - 25.028m2 Fill - 0.000m2 Shoulder Fill - 0.488m2 Base - 0.903m2 Sub Base - 1.054m2
--	---

CH 16+720.00 GL 1806.691 m DL 1807.905m  Cut - 3.220m2 Fill - 4.278m2 Shoulder Fill - 0.487m2 Sir. Cut - 1.220m2 Back Fill - 0.265m2 Base - 0.744m2 Sub Base - 0.868m2	CH 16+760.00 GL 1803.684 m DL 1803.115m  Cut - 19.320m2 Fill - 2.620m2 Shoulder Fill - 0.487m2 Base - 0.749m2 Sub Base - 0.873m2
--	---

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SPROCKELINGHAR		 BEAM - CEMECA - Jy SARDJALATHAR CONSULTANT:		 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 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.: 211
CH 16+820.00 GL 1792.796 m DL 1795.948m  Cut – 0.000m2 Fill – 15.158m2 Shoulder Fill – 0.487m2 Str. Cut – 2.550m2 Back Fill – 0.190m2 Base – 0.849m2 Sub Base – 0.991m2		CH 16+840.00 GL 1798.836 m DL 1798.337m  Cut – 6.943m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.849m2 Sub Base – 0.991m2		CH 16+860.00 GL 1793.382 m DL 1793.582m  Cut – 11.130m2 Fill – 2.925m2 Shoulder Fill – 0.488m2 Base – 0.720m2 Sub Base – 0.840m2		CH 16+840.00 GL 1793.894 m DL 1793.953m  Cut – 9.160m2 Fill – 0.998m2 Shoulder Fill – 0.487m2 Str. Cut – 2.973m2 Back Fill – 0.445m2 Base – 0.776m2 Sub Base – 0.905m2								

LEGENDS :

CENTER LEVEL

GROUND LEVEL

DESIGN LEVEL

SIDE DRAIN

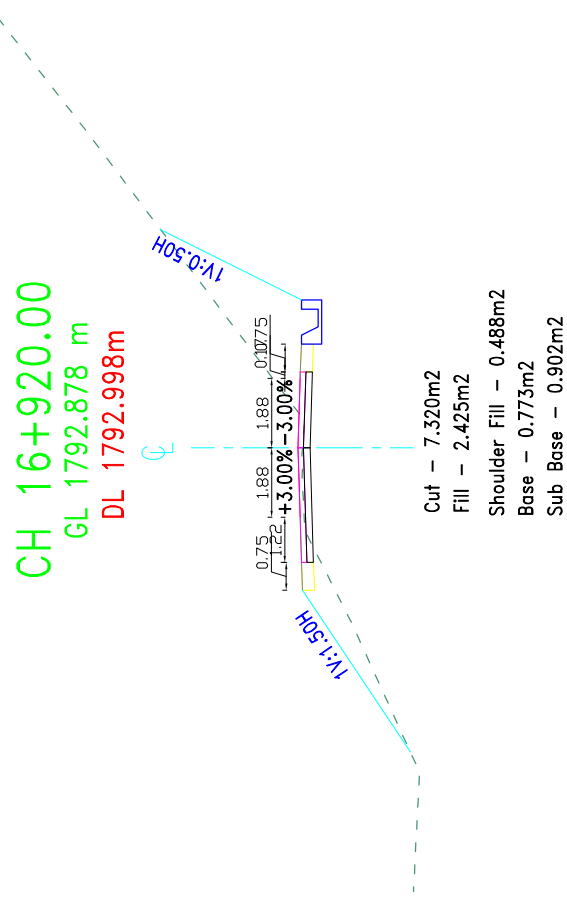
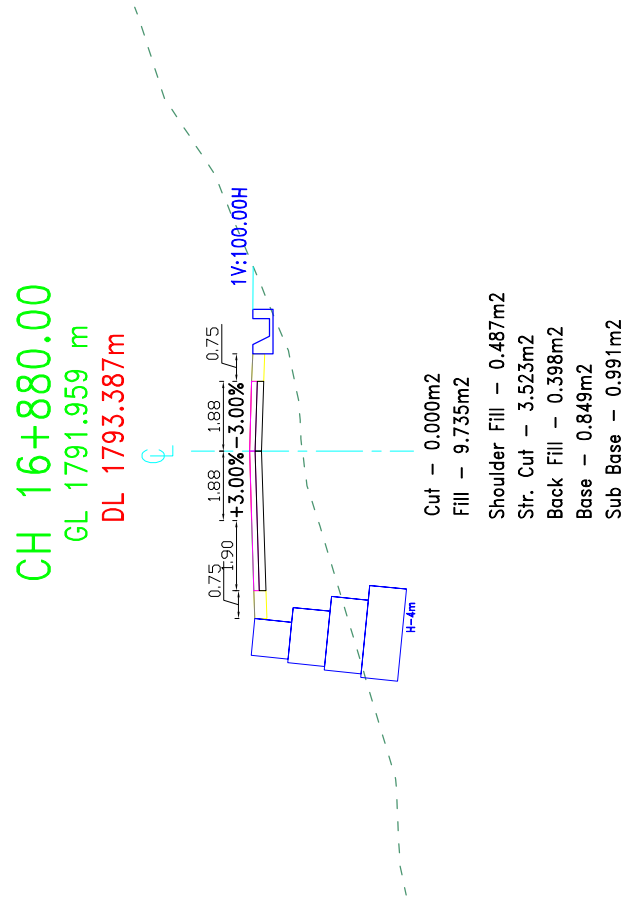
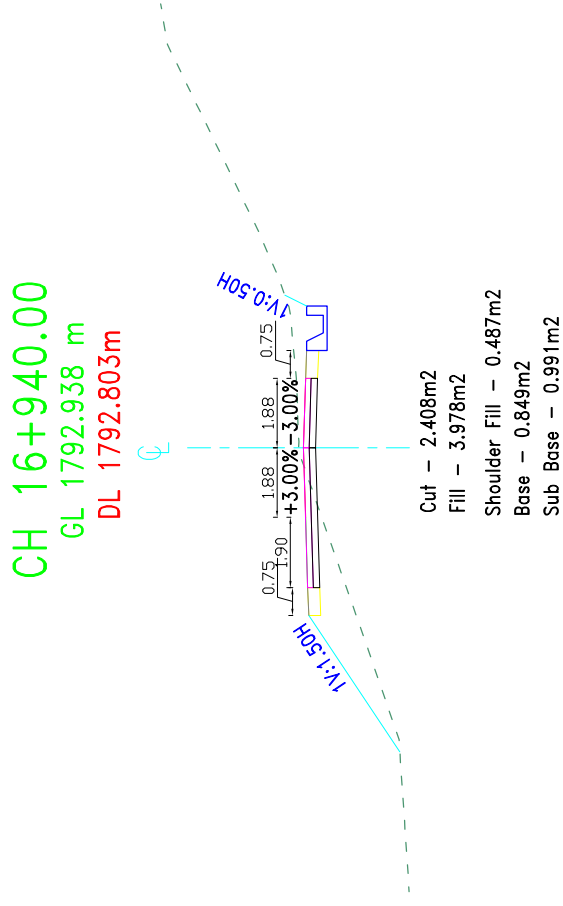
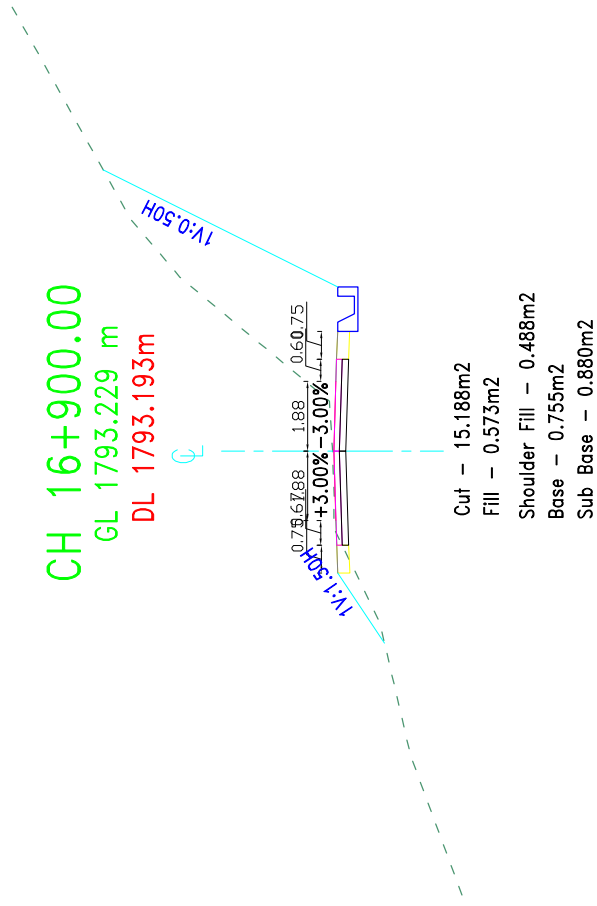
CABON WALL

MASONRY WALL

GENERAL NOTES :

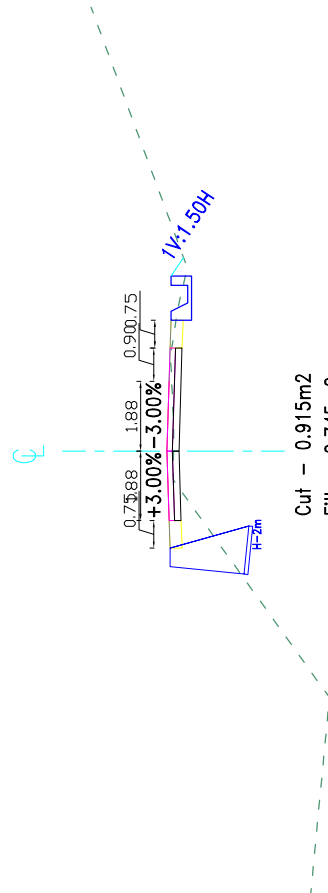
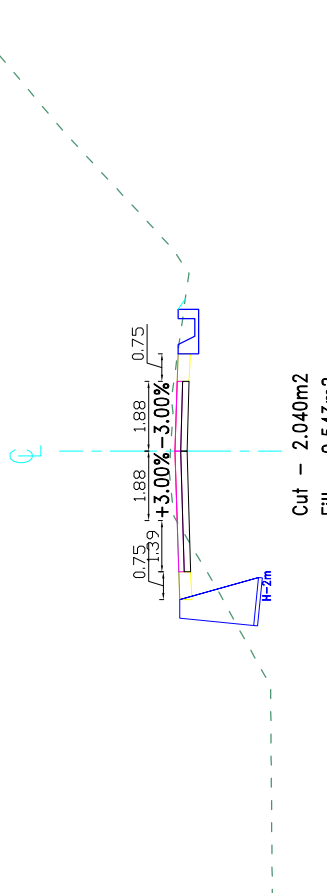
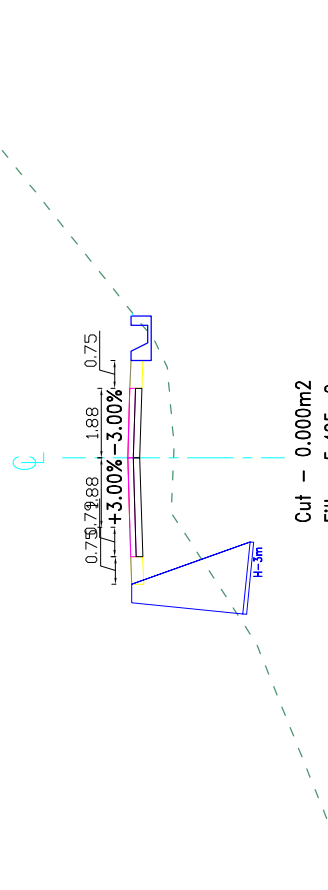
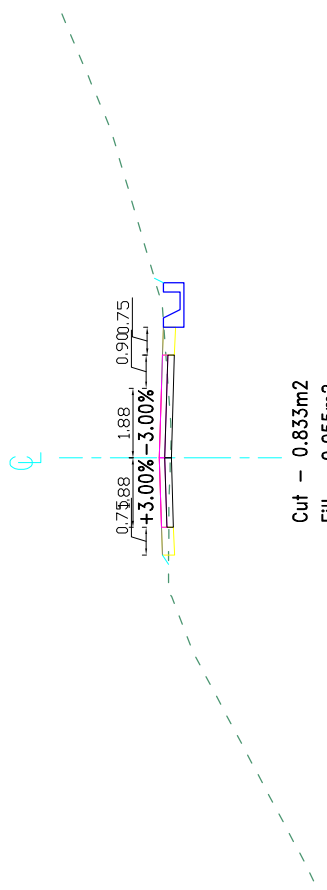
1. ALL THE DIMENSIONS ARE IN MTR.
UNLESS OTHERWISE MENTIONED.

2. DO NOT SCALE THE DRAWING.



LEGENDS :		GENERAL NOTES :	
-----	CENTER LEVEL		GABION WALL
- - - - -	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 SPOKESPERSON/AUTHOR	CONSULTANT:  BEAM - CEMECA - Jy SANDRA JALTEHER	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE HBS STUDY AND GSI PLAN OF BHIMPEDI - BOGATE - IPA DUKHALI - SISRNETI ROAD MAYAWAPOR, NEPAL	NAME DESIGNATION SIGNATURE DATE	SCALE 1:200	Cross-Section	DATE: November, 2017
						DRAWN NO.: 3
						SHEET No.: 212
						CH 16+880.00-16+940.00

 CONSULTANT:  BEAM - CEMCA - Jy SANJIVAJIT PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEDRALI - SUNNERI ROAD MADHAWPUR, NEPAL		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY : NAME DESIGNATION SIGNATURE DATE		SCALE 1:200		Cross-Section CH 16+960.00-17+020.00		DATE: November, 2017 DRWG NO.: 3 SHEET No.: 213	
CH 16+980.00 GL 1791.251 m DL 1791.429m  Cut - 0.915m2 Fill - 0.745m2 Shoulder Fill - 0.487m2 Str. Cut - 1.010m2 Back Fill - 0.233m2 Base - 0.699m2 Sub Base - 0.816m2		CH 16+960.00 GL 1792.656 m DL 1792.532m  Cut - 2.040m2 Fill - 0.543m2 Shoulder Fill - 0.487m2 Str. Cut - 1.378m2 Back Fill - 0.333m2 Base - 0.773m2 Sub Base - 0.902m2		CH 17+020.00 GL 1787.527 m DL 1788.764m  Cut - 0.000m2 Fill - 5.425m2 Shoulder Fill - 0.487m2 Str. Cut - 2.068m2 Back Fill - 0.533m2 Base - 0.683m2 Sub Base - 0.796m2		CH 17+000.00 GL 1789.796 m DL 1790.097m  Cut - 0.833m2 Fill - 0.055m2 Shoulder Fill - 0.487m2 Base - 0.699m2 Sub Base - 0.816m2			

LEGENDS :

CENTER LEVEL

GROUND LEVEL

DESIGN LEVEL

SIDE DRAIN

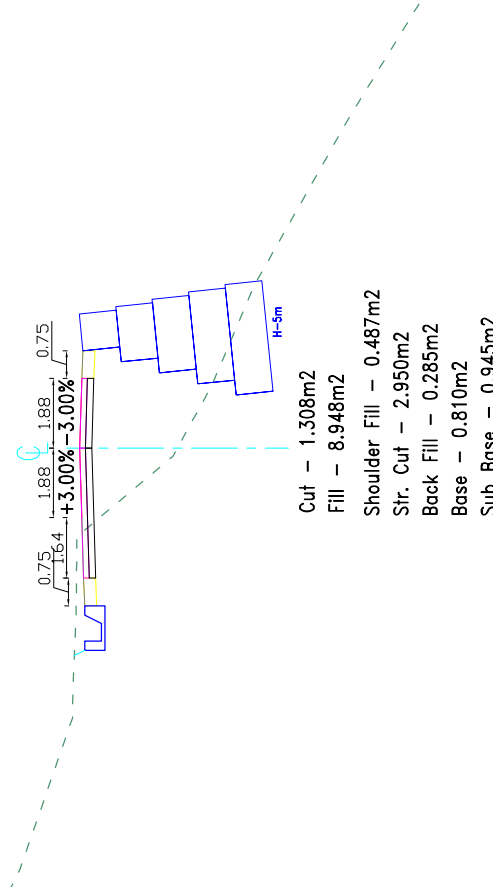
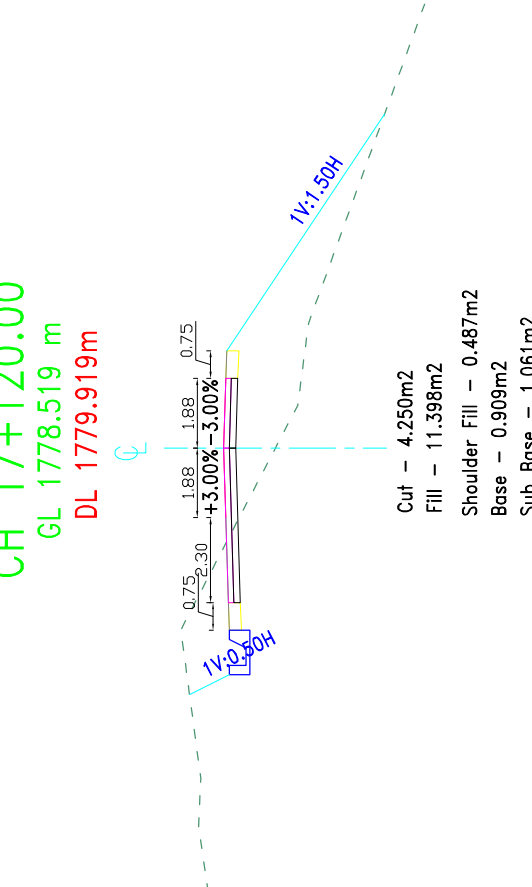
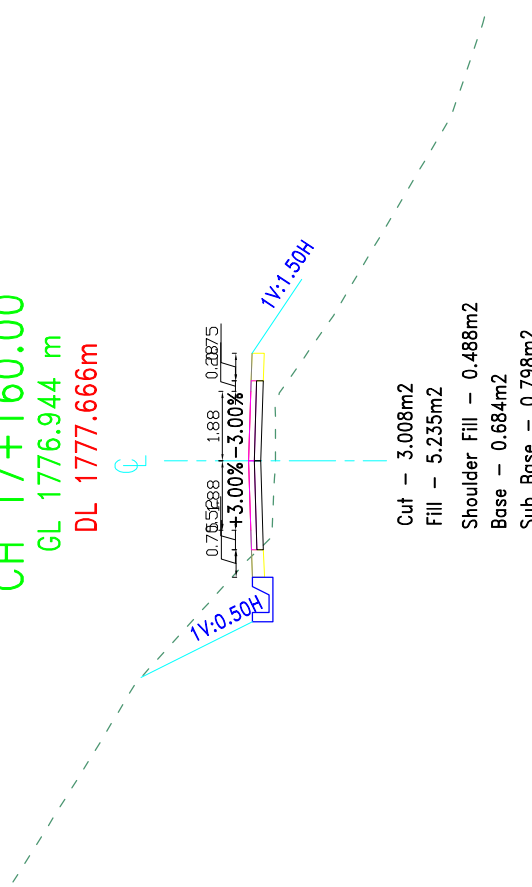
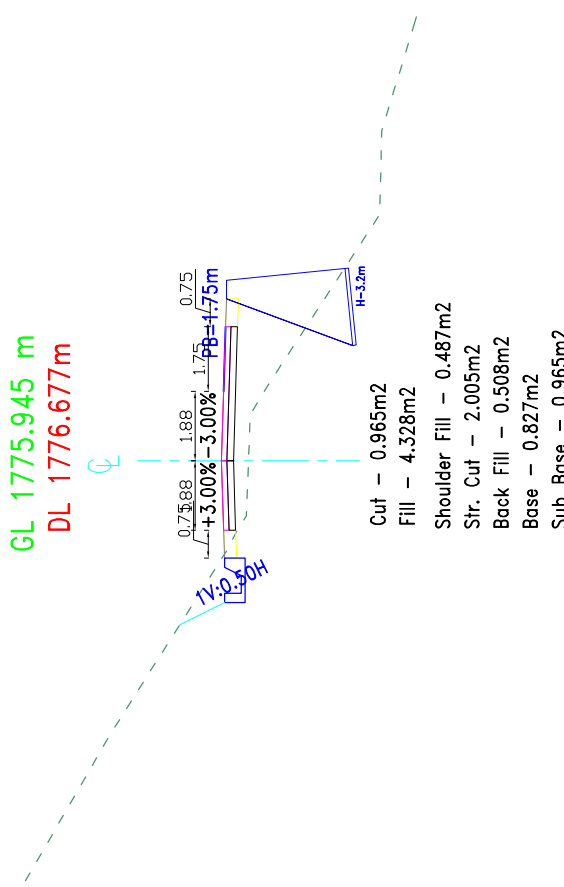
CABON WALL

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 SARDAJA/ATM	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GSI PLAN OF BHIMPHEDI - BOGATE - IPA DIBRALI - SUNNERI ROAD MADANPURA, NEPAL	CONSULTANT: DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME DESIGNATION SIGNATURE DATE	SCALE 1:200	Cross-Section CH 17+040.00-17+100.00	DATE: November, 2017
							DRWG NO.: 3
							SHEET No.: 214

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BOHRAJUNG  BEAM - CEMCA - Jy SANGHVI/ARTUR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESSETTLEMENT PLAN CONCRETE BRIDGE STUDY AND COST PLAN OF BHEMPHEDI - BOGATE - IPA DEDRAL - SUNHET ROAD BHEMPHEDI, BOGATE, IPA DEDRAL - SUNHET ROAD BHEMPHEDI, BOGATE, IPA DEDRAL - SUNHET ROAD CONSULTANT:  BEAM - CEMCA - Jy SANGHVI/ARTUR										DATE: November, 2017 DRWG NO.: 3 SHEET No.: 215																	
LEGENDS : CENTER LEVEL GROUND LEVEL DESIGN LEVEL SIDE DRAIN GABION WALL MASONRY WALL										Cross-Section		SCALE		DATE		SIGNATURE		DESIGNATION		NAME		DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :		PROJECT:		CONSULTANT:	
CH 17+140.00 GL 1776.011 m DL 1778.654m  Cut - 1.308m2 Fill - 8.948m2 Shoulder Fill - 0.487m2 Str. Cut - 2.950m2 Back Fill - 0.285m2 Base - 0.810m2 Sub Base - 0.945m2										1:200														DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESSETTLEMENT PLAN CONCRETE BRIDGE STUDY AND COST PLAN OF BHEMPHEDI - BOGATE - IPA DEDRAL - SUNHET ROAD BHEMPHEDI, BOGATE, IPA DEDRAL - SUNHET ROAD BHEMPHEDI, BOGATE, IPA DEDRAL - SUNHET ROAD		BEAM - CEMCA - Jy SANGHVI/ARTUR	
CH 17+120.00 GL 1778.519 m DL 1779.919m  Cut - 4.250m2 Fill - 11.398m2 Shoulder Fill - 0.487m2 Base - 0.909m2 Sub Base - 1.061m2																								DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESSETTLEMENT PLAN CONCRETE BRIDGE STUDY AND COST PLAN OF BHEMPHEDI - BOGATE - IPA DEDRAL - SUNHET ROAD BHEMPHEDI, BOGATE, IPA DEDRAL - SUNHET ROAD BHEMPHEDI, BOGATE, IPA DEDRAL - SUNHET ROAD		BEAM - CEMCA - Jy SANGHVI/ARTUR	
CH 17+160.00 GL 1776.944 m DL 1777.666m  Cut - 3.008m2 Fill - 5.235m2 Shoulder Fill - 0.488m2 Base - 0.684m2 Sub Base - 0.798m2																								DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESSETTLEMENT PLAN CONCRETE BRIDGE STUDY AND COST PLAN OF BHEMPHEDI - BOGATE - IPA DEDRAL - SUNHET ROAD BHEMPHEDI, BOGATE, IPA DEDRAL - SUNHET ROAD BHEMPHEDI, BOGATE, IPA DEDRAL - SUNHET ROAD		BEAM - CEMCA - Jy SANGHVI/ARTUR	
CH 17+180.00 GL 1775.945 m DL 1776.677m  Cut - 0.965m2 Fill - 4.328m2 Shoulder Fill - 0.487m2 Str. Cut - 2.005m2 Back Fill - 0.508m2 Base - 0.827m2 Sub Base - 0.965m2																								DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESSETTLEMENT PLAN CONCRETE BRIDGE STUDY AND COST PLAN OF BHEMPHEDI - BOGATE - IPA DEDRAL - SUNHET ROAD BHEMPHEDI, BOGATE, IPA DEDRAL - SUNHET ROAD BHEMPHEDI, BOGATE, IPA DEDRAL - SUNHET ROAD		BEAM - CEMCA - Jy SANGHVI/ARTUR	
GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN Mtr. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.																											

[illegible]

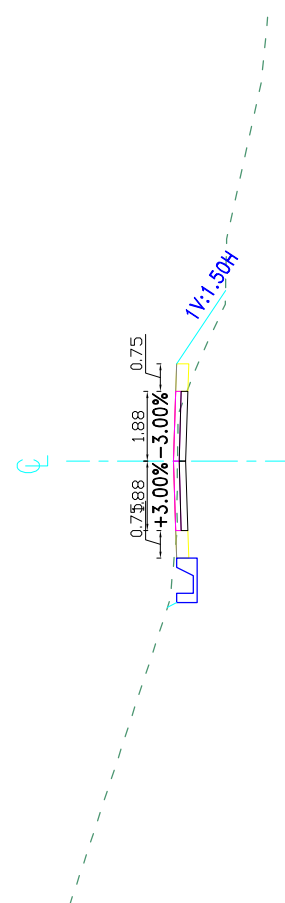
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT CONSULTANT:  BEAM - CEMECA - Jy SARDAJA/ATP PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN 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		DRWG NO.: 3		CH 17+360.00-17+420.00															
SHEET No. : 218																			

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

CH 17+380.00

GL 1762.975 m

DL 1763.081 m



Cut - 1.248m2

Fill - 0.743m2

Shoulder Fill - 0.487m2

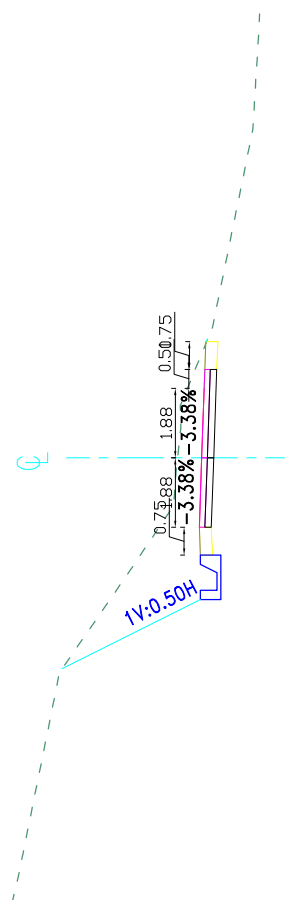
Base - 0.564m2

Sub Base - 0.658m2

CH 17+420.00

GL 1760.674 m

DL 1760.020 m



Cut - 10.435m2

Fill - 0.003m2

Shoulder Fill - 0.487m2

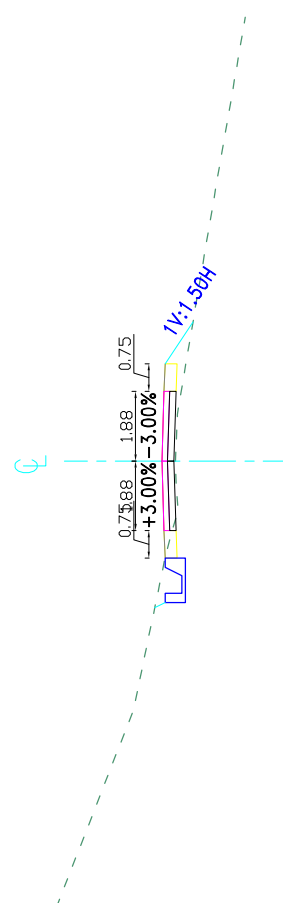
Base - 0.641m2

Sub Base - 0.747m2

CH 17+360.00

GL 1764.150 m

DL 1764.514 m



Cut - 0.333m2

Fill - 0.620m2

Shoulder Fill - 0.487m2

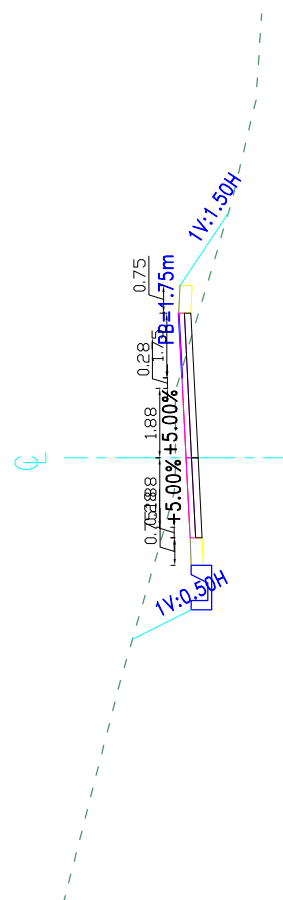
Base - 0.564m2

Sub Base - 0.658m2

CH 17+400.00

GL 1761.934 m

DL 1761.647 m



Cut - 6.010m2

Fill - 1.000m2

Shoulder Fill - 0.487m2

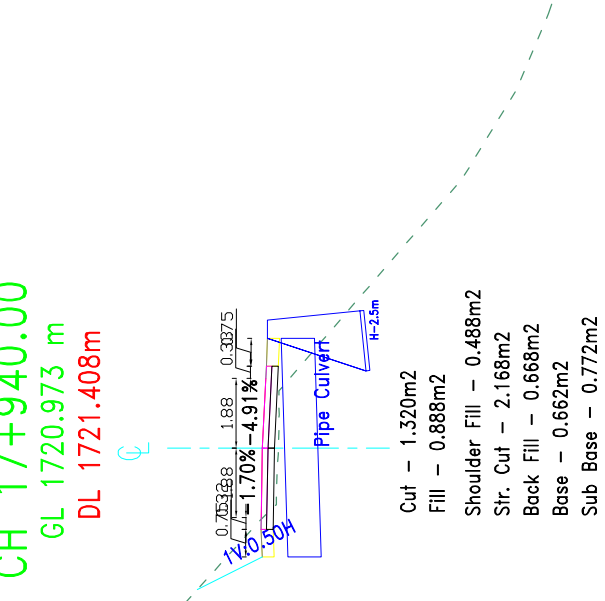
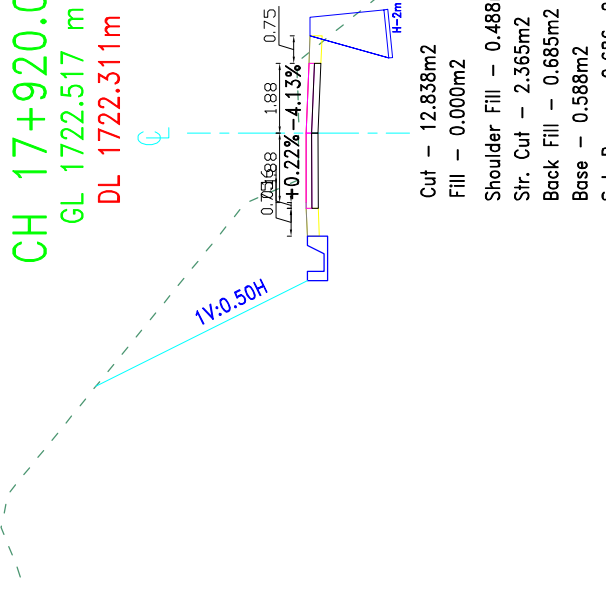
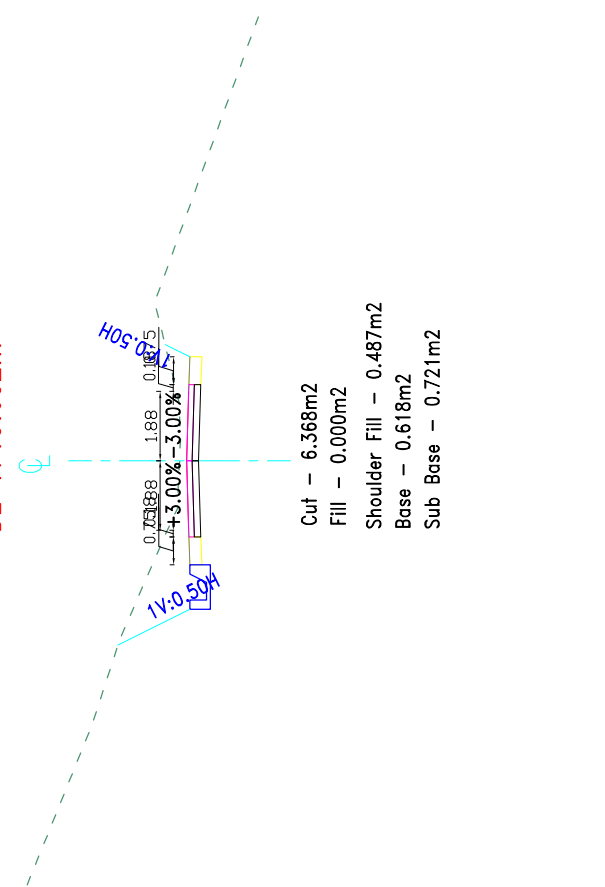
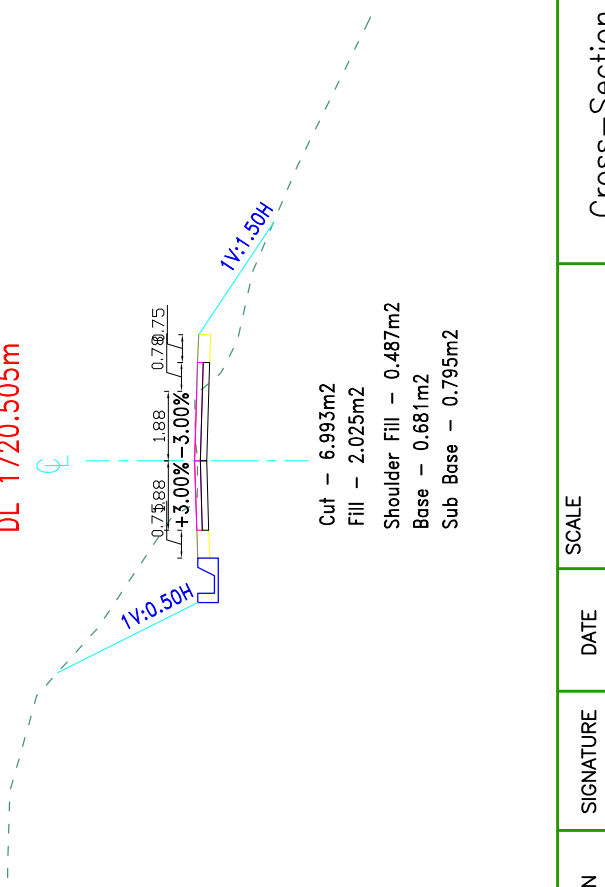
Base - 0.911m2

Sub Base - 1.063m2

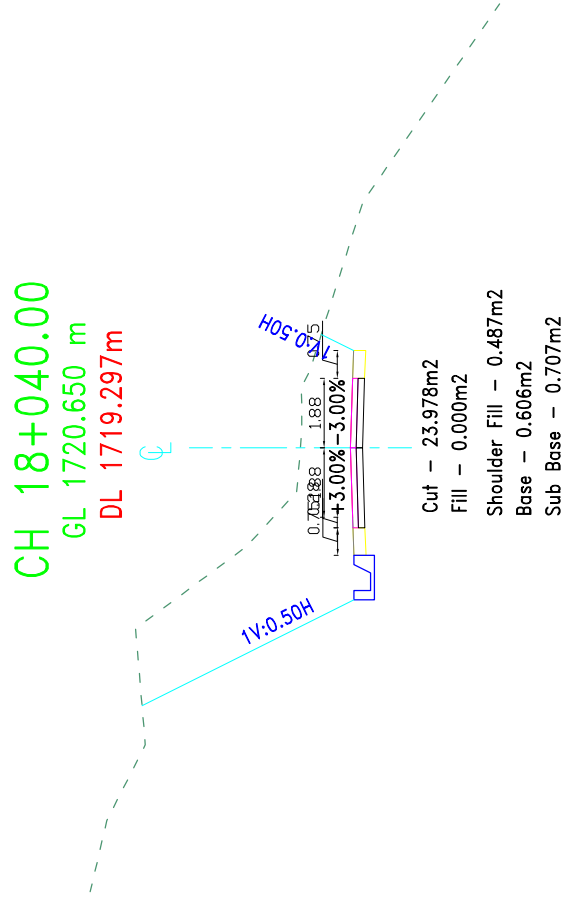
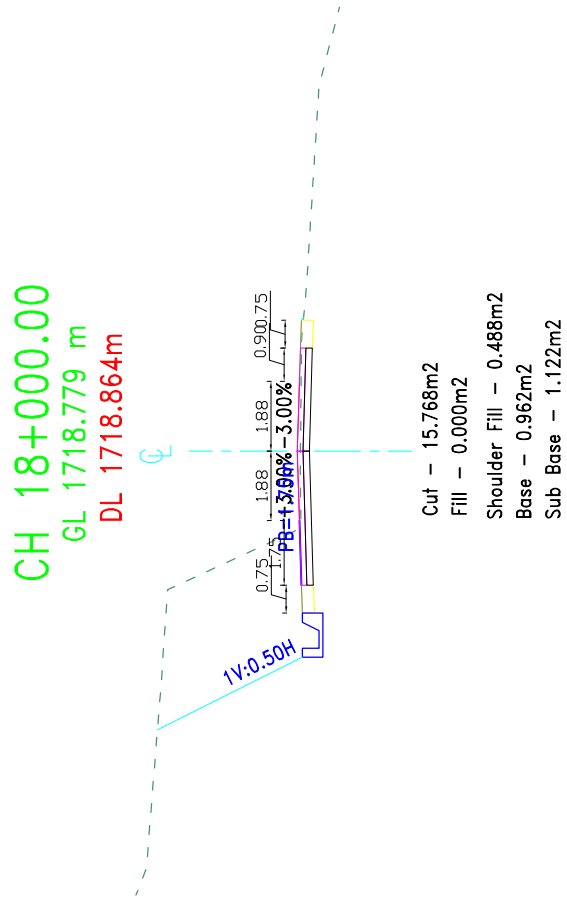
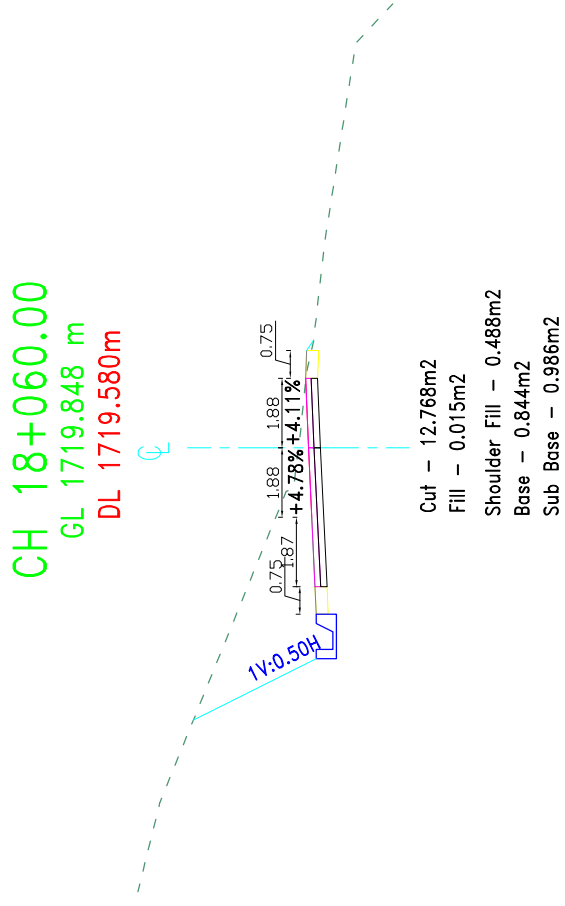
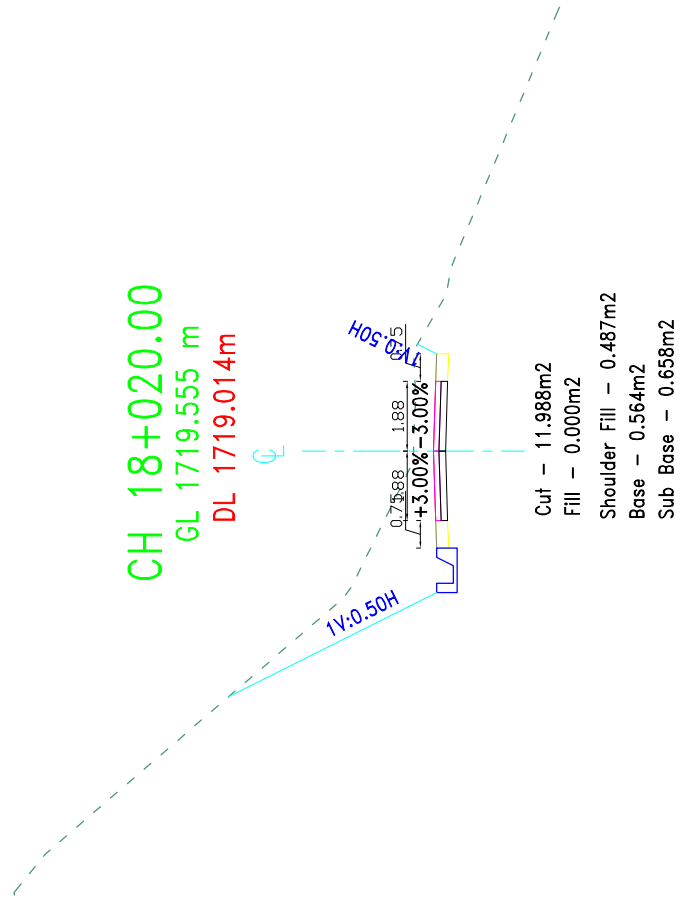
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT	CONSULTANT:  BEAM - CEMECA - JV SARADIAJAPUR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNERI ROAD 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.: 219

[illegible]

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT	CONSULTANT:  BEAM - CEMECA - Jy SARPAJALPITHE 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 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.: 225

CH 17+940.00 GL 1720.973 m DL 1721.408m  Cut – 1.320m2 Fill – 0.888m2 Shoulder Fill – 0.488m2 Sir. Cut – 2.168m2 Back Fill – 0.668m2 Base – 0.662m2 Sub Base – 0.772m2 CH 17+920.00 GL 1722.517 m DL 1722.311m  Cut – 12.838m2 Fill – 0.000m2 Shoulder Fill – 0.488m2 Sir. Cut – 2.365m2 Back Fill – 0.685m2 Base – 0.588m2 Sub Base – 0.686m2	CH 17+940.00 GL 1719.792 m DL 1719.602m  Cut – 6.368m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.618m2 Sub Base – 0.721m2 CH 17+960.00 GL 1720.429 m DL 1720.505m  Cut – 6.993m2 Fill – 2.025m2 Shoulder Fill – 0.487m2 Base – 0.681m2 Sub Base – 0.795m2
--	--

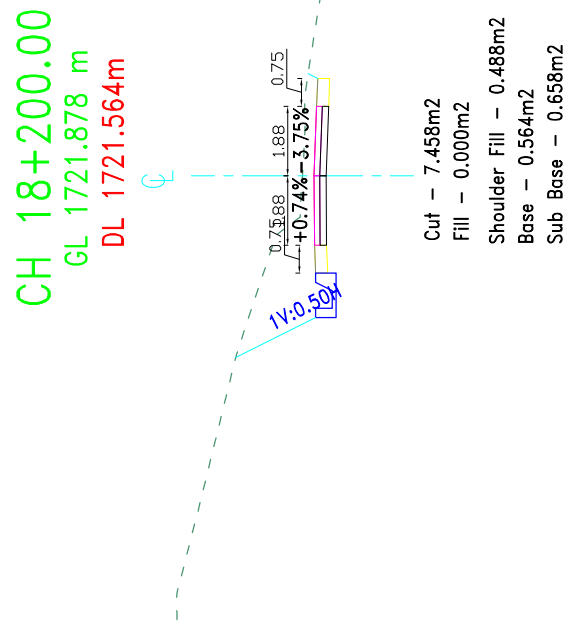
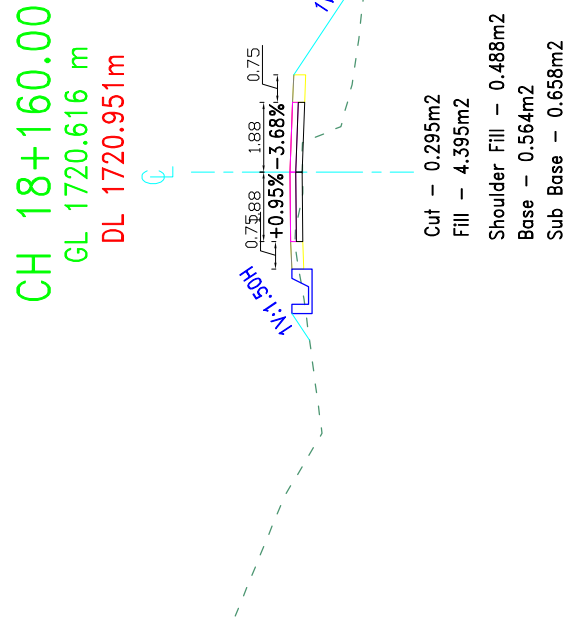
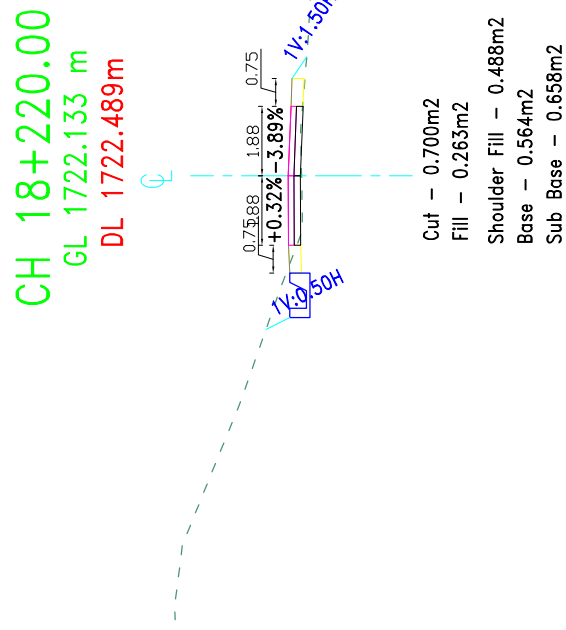
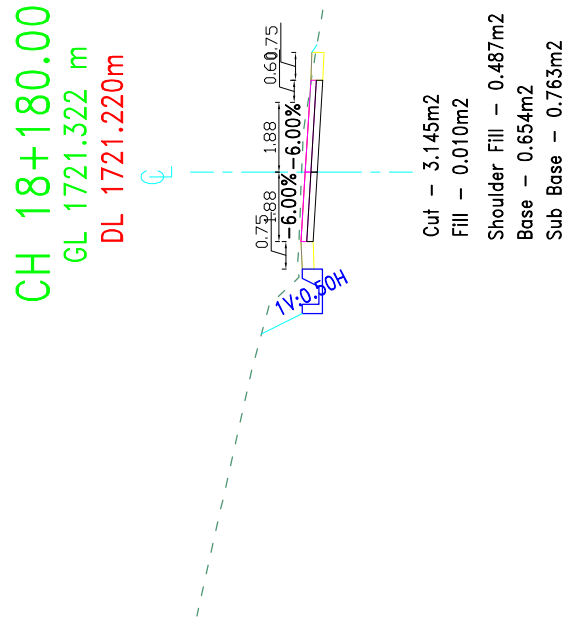
LEGENDS : CENTER LEVEL GROUND LEVEL DESIGN LEVEL SIDE DRAIN		GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN Mtr. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.	
---	--	---	--



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

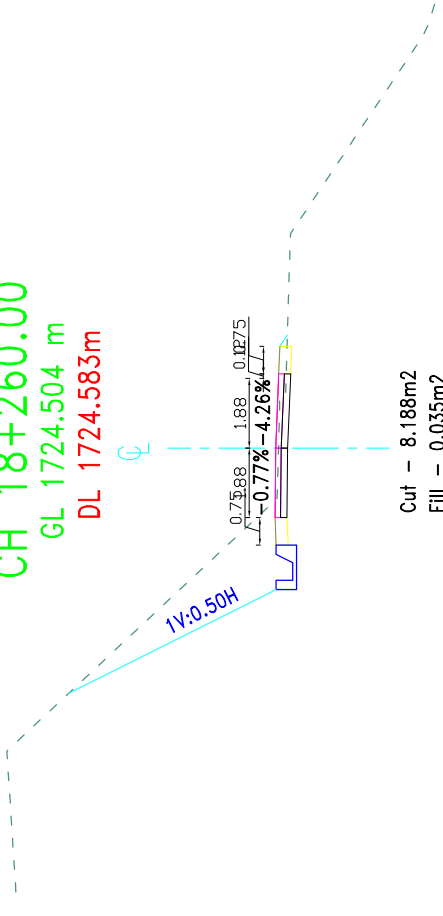
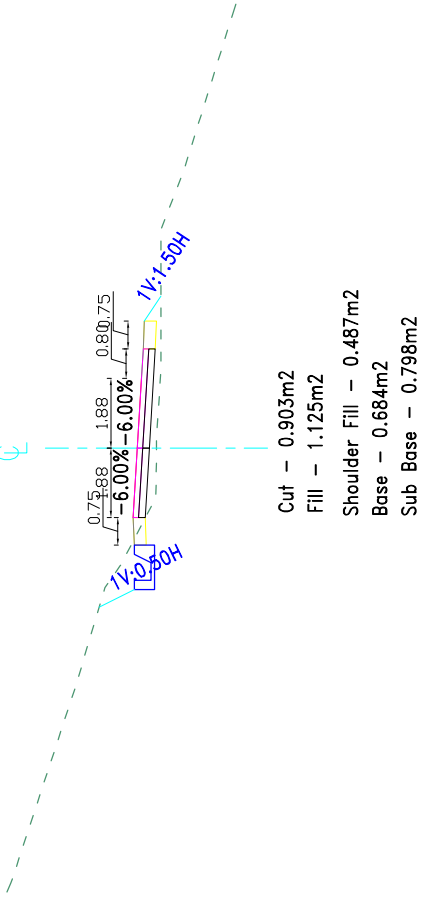
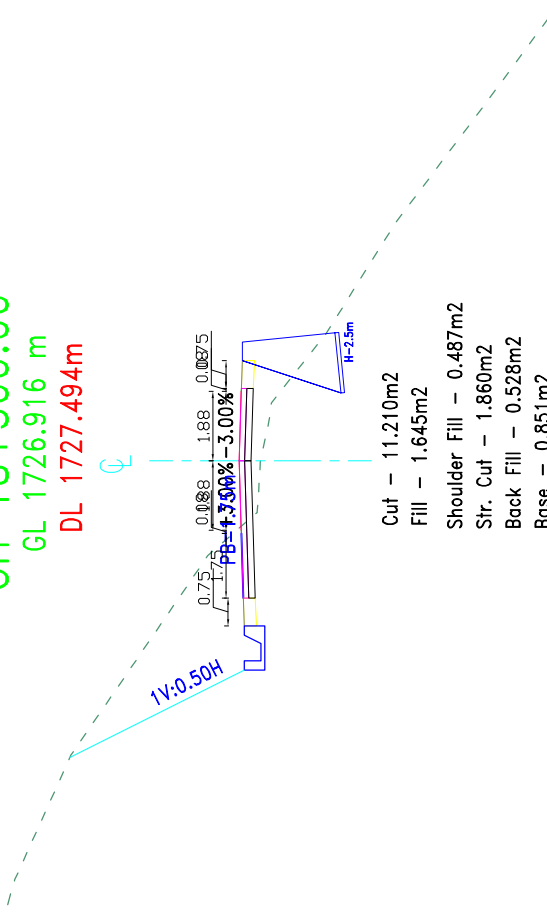
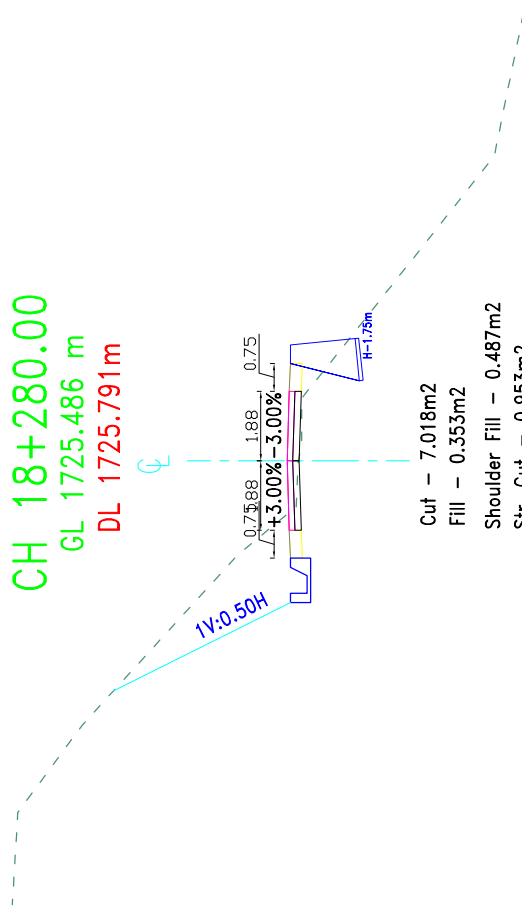
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SPOKESPERSON/AUTHOR	 BEAM - CEMECA - Jy SARDAUL/AUTHOR	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE HRS STUDY AND GSI PLAN OF BHIMPEDI - BOGATE - IPA DEURALI - SINERI ROAD MAJGAONPUR, NEPAL					SCALE 1:200	Cross-Section CH 18+000.00-18+060.00	DATE: November, 2017	
			DESIGNED BY : 						SIGNATURE	DATE
			CHECKED BY : 							
			RECOMMENDED BY : 							
			APPROVED BY : 							

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMCA - Jy SARDAJA/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 DIBRALI - SUNNRI 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.: 227



 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU	 CONSULTANT: BEAM - CEMCA - 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							SCALE 1:200	Cross-Section	DATE: November, 2017		
			DESIGNED BY :									CH 18+160.00-18+220.00	DWG NO.: 3
			CHECKED BY :										
			RECOMMENDED BY :										
			APPROVED BY :										

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT	 BEAM - CEMCA - Jy SANJIVAJIT	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DHURALI - SUNNRI ROAD MUNAWAPUR, NEPAL	CONSULTANT:	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section	DATE: November, 2017	
										CH 18+240.00-18+300.00		DRWG NO.: 3
												SHEET No.: 229

CH 18+260.00 GL 1724.504 m DL 1724.583m  Cut – 8.188m2 Fill – 0.035m2 Shoulder Fill – 0.488m2 Base – 0.582m2 Sub Base – 0.679m2	CH 18+240.00 GL 1723.018 m DL 1723.536m  Cut – 0.903m2 Fill – 1.125m2 Shoulder Fill – 0.487m2 Base – 0.684m2 Sub Base – 0.798m2
CH 18+300.00 GL 1726.916 m DL 1727.494m  Cut – 11.210m2 Fill – 1.645m2 Shoulder Fill – 0.487m2 Str. Cut – 1.860m2 Back Fill – 0.528m2 Base – 0.851m2 Sub Base – 0.993m2	CH 18+280.00 GL 1725.486 m DL 1725.791m  Cut – 7.018m2 Fill – 0.353m2 Shoulder Fill – 0.487m2 Str. Cut – 0.953m2 Back Fill – 0.230m2 Base – 0.564m2 Sub Base – 0.658m2

LEGENDS :

CENTER LEVEL

GROUND LEVEL

DESIGN LEVEL

SIDE DRAIN

GABION WALL

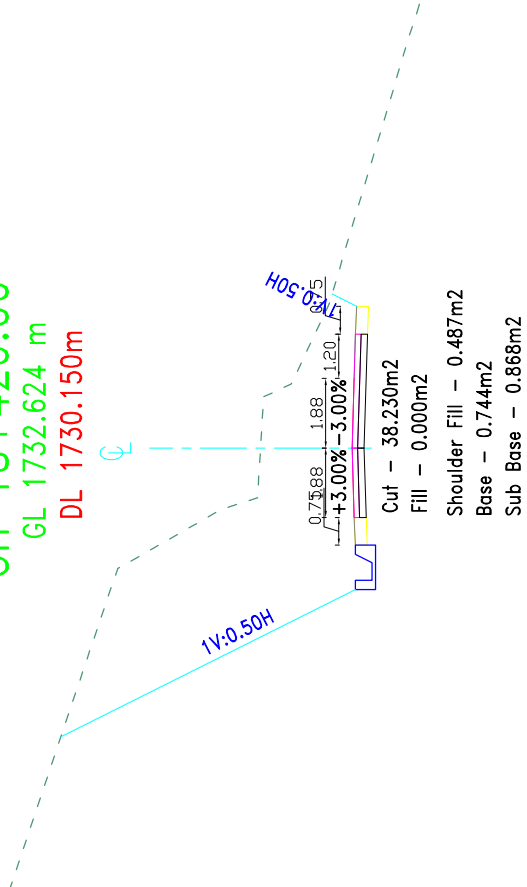
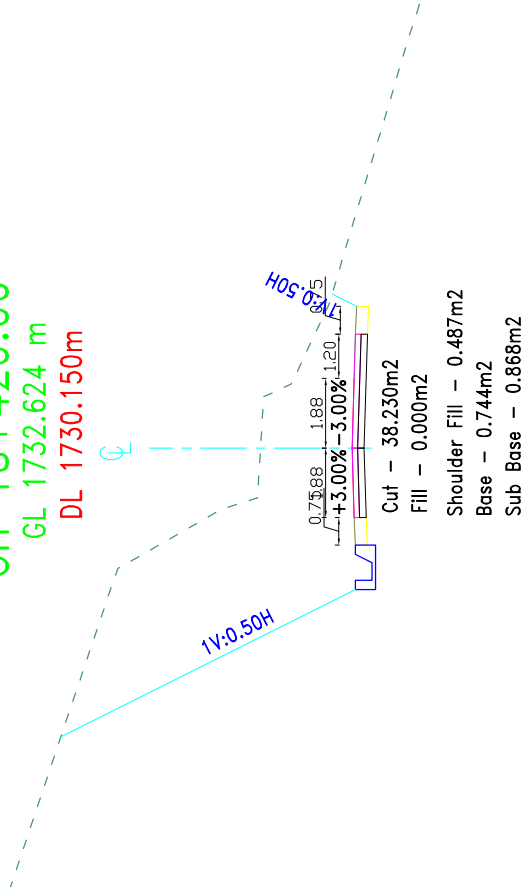
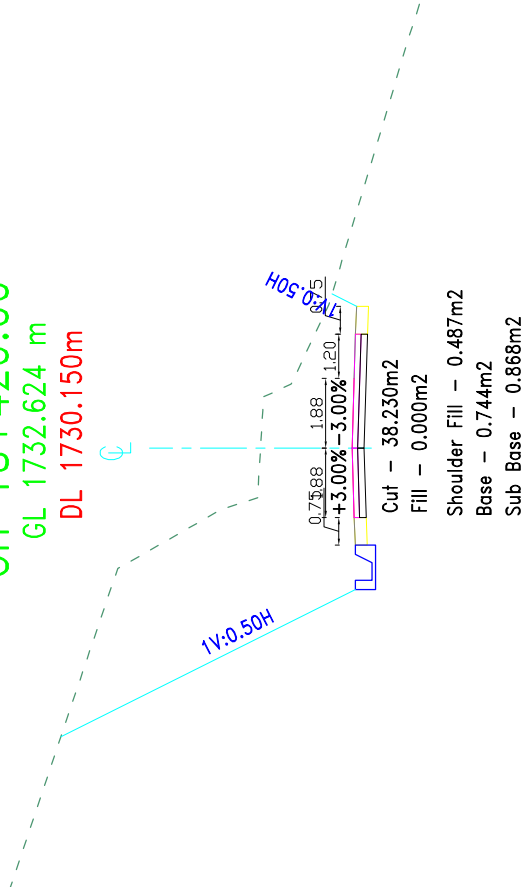
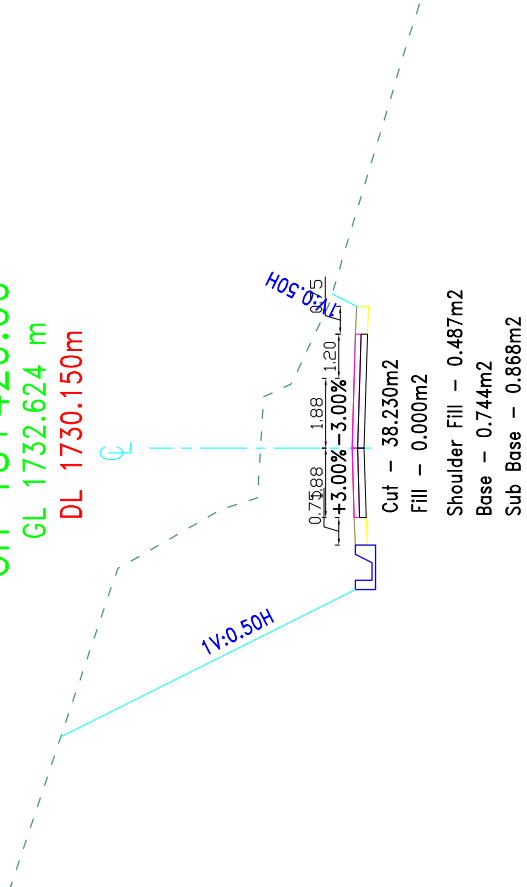
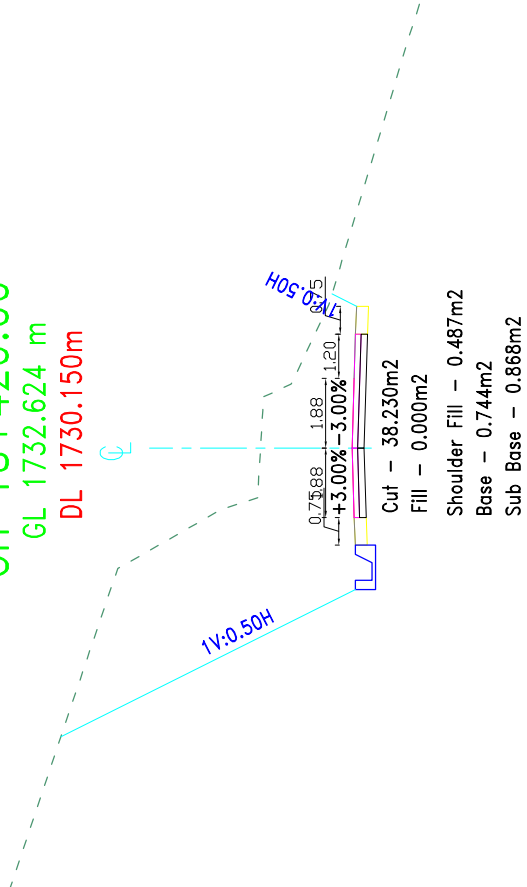
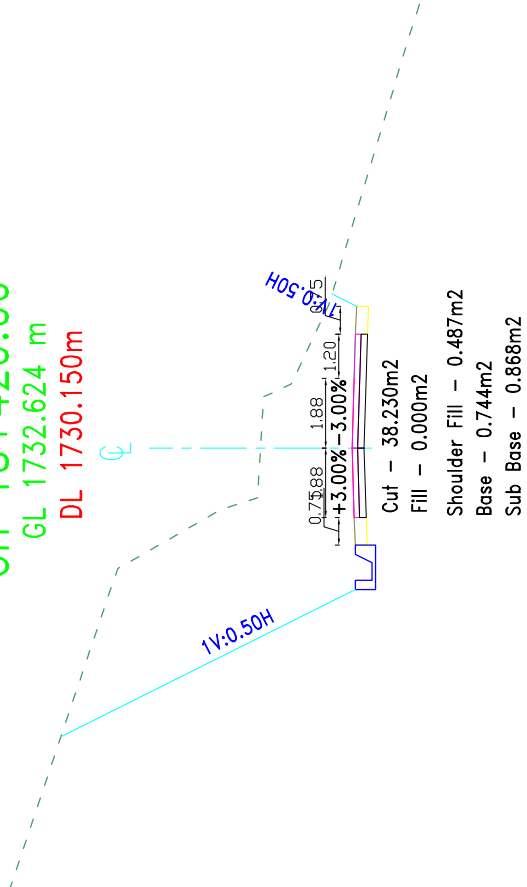
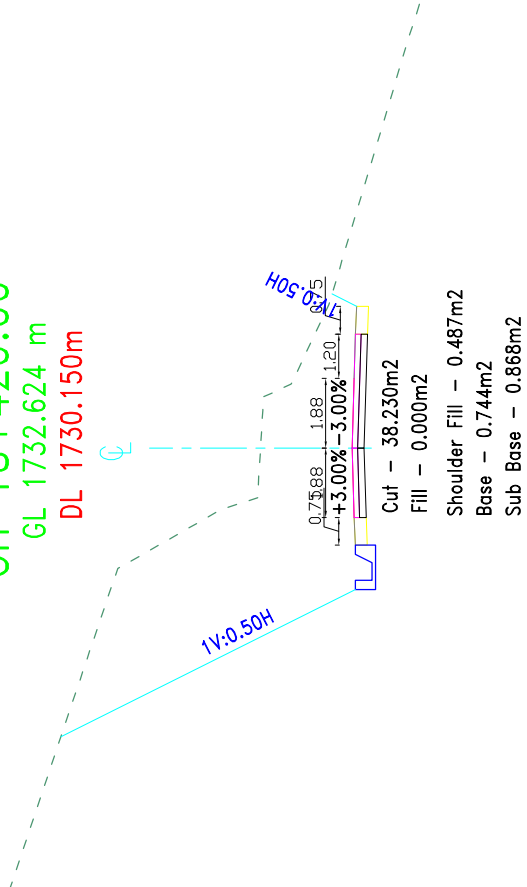
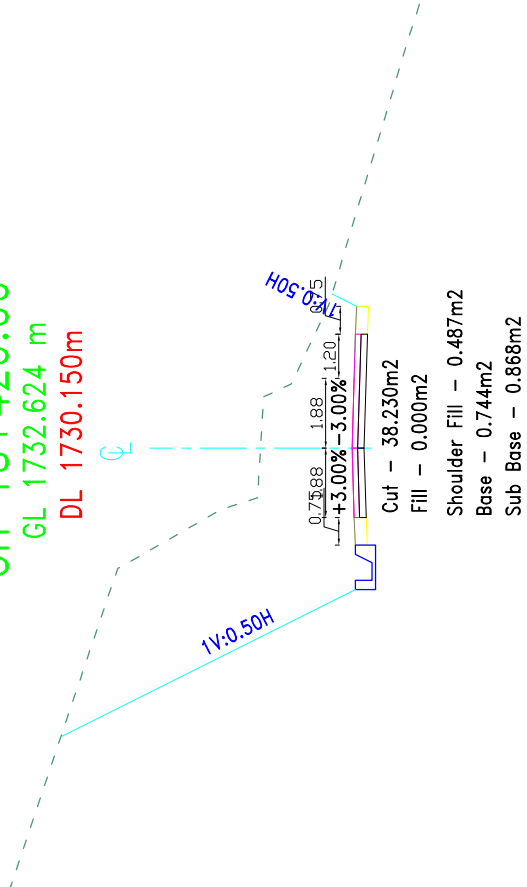
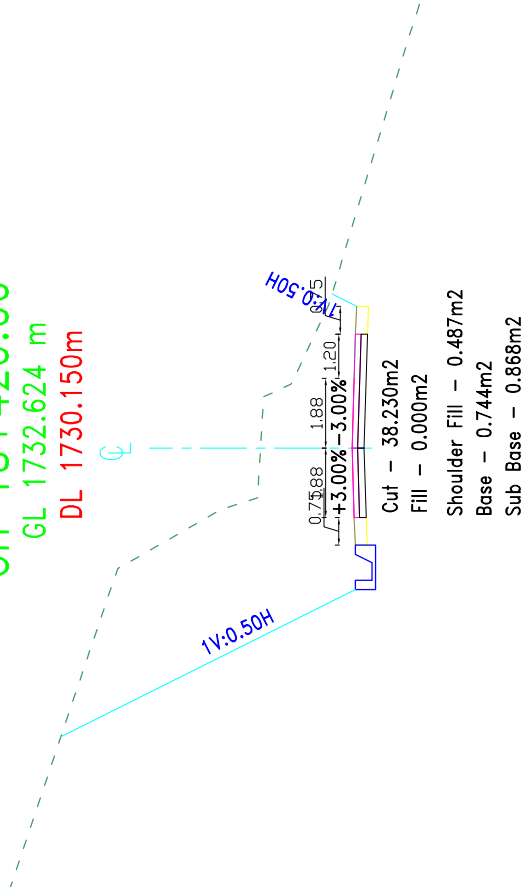
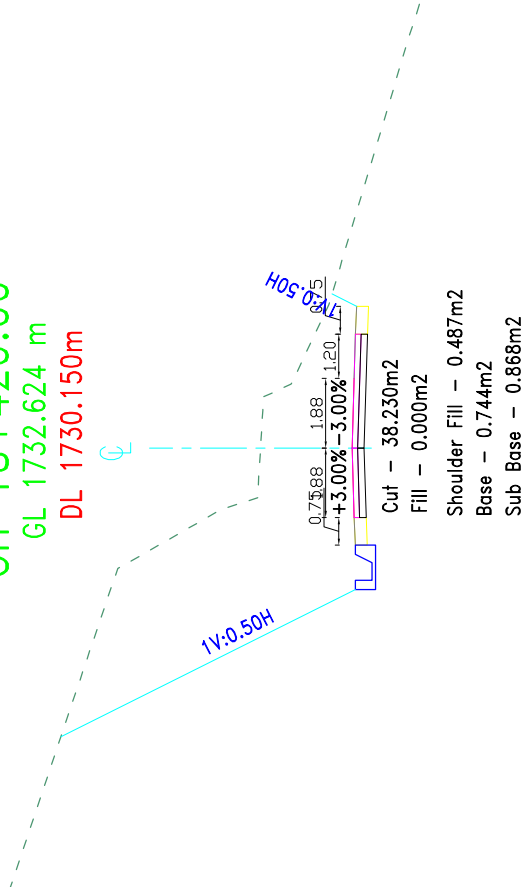
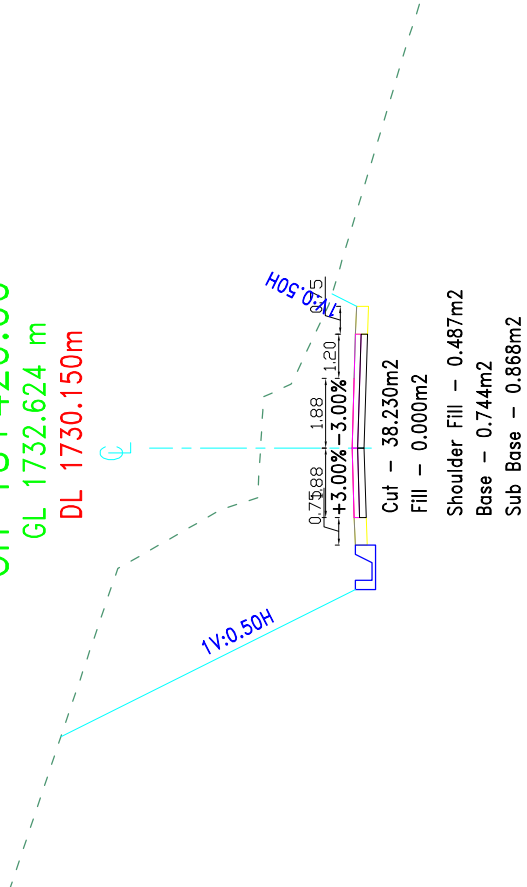
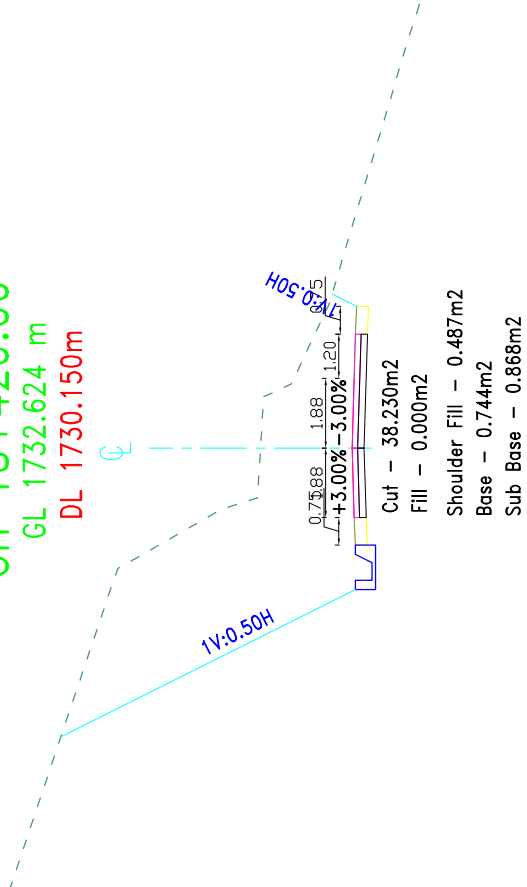
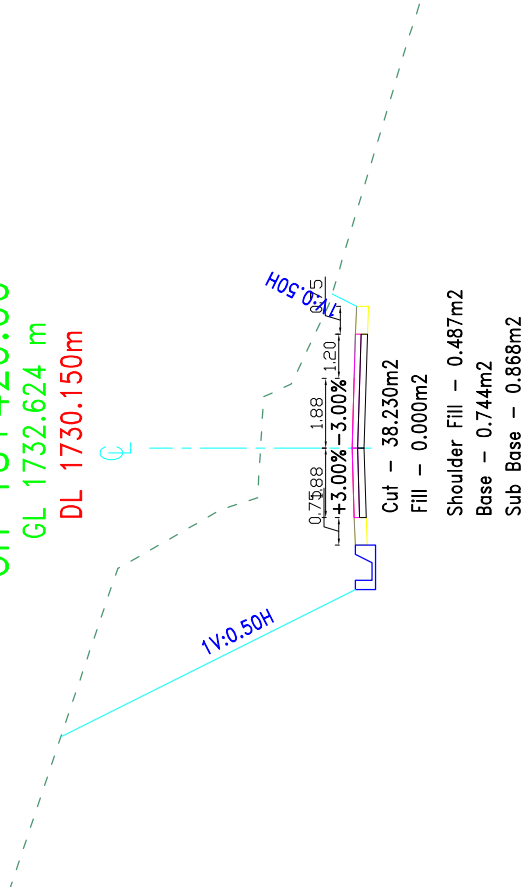
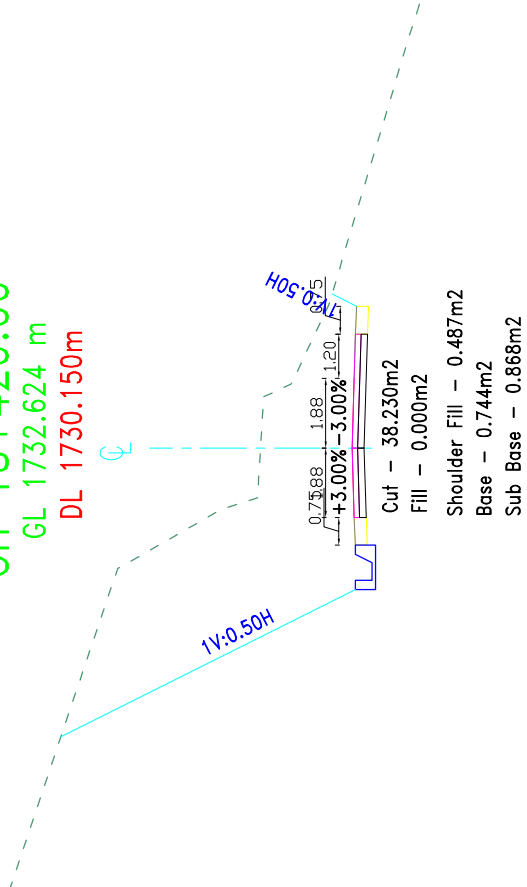
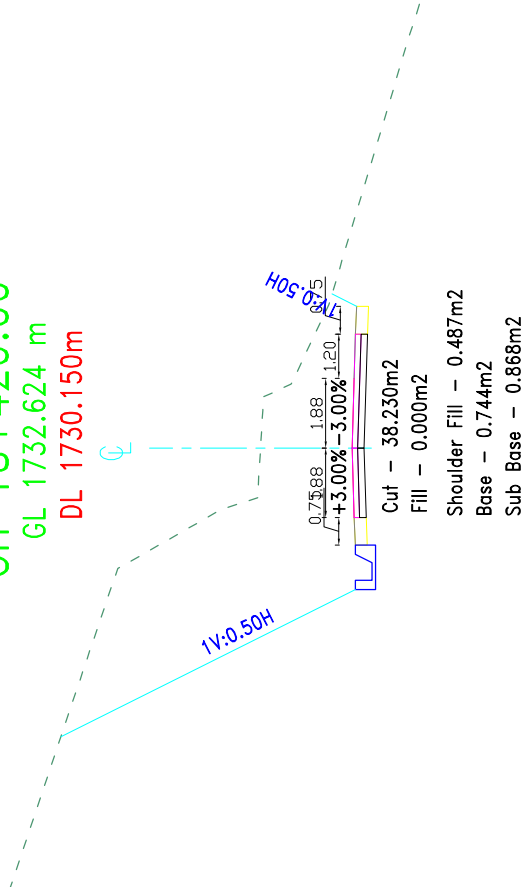
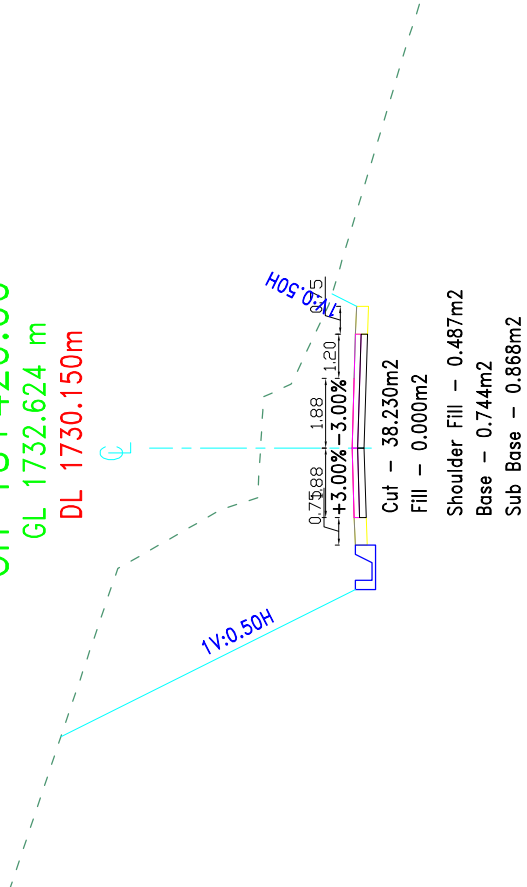
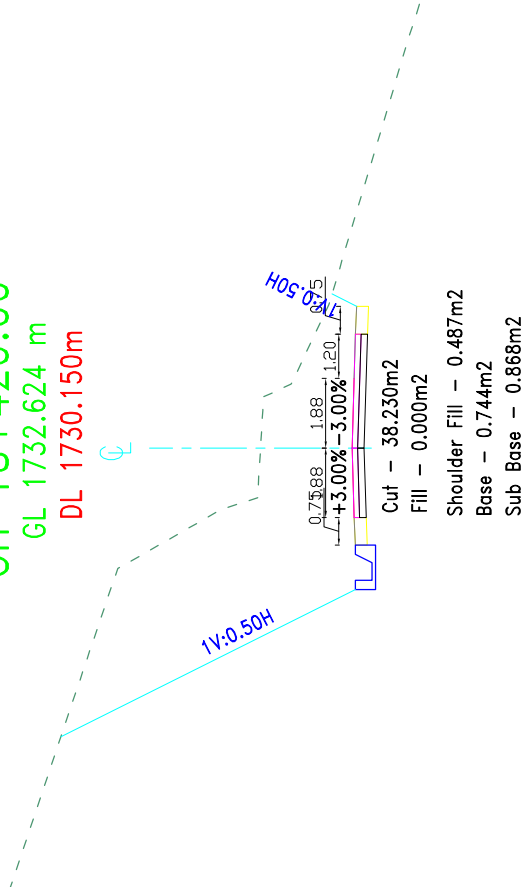
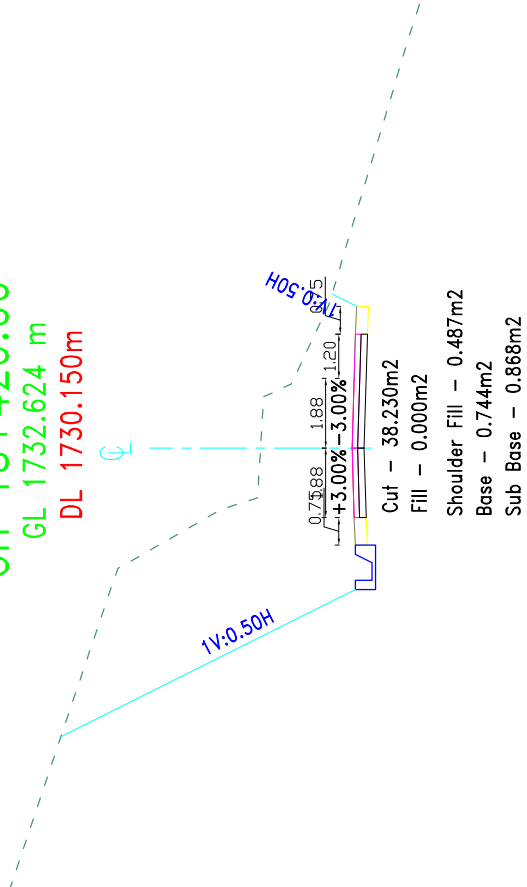
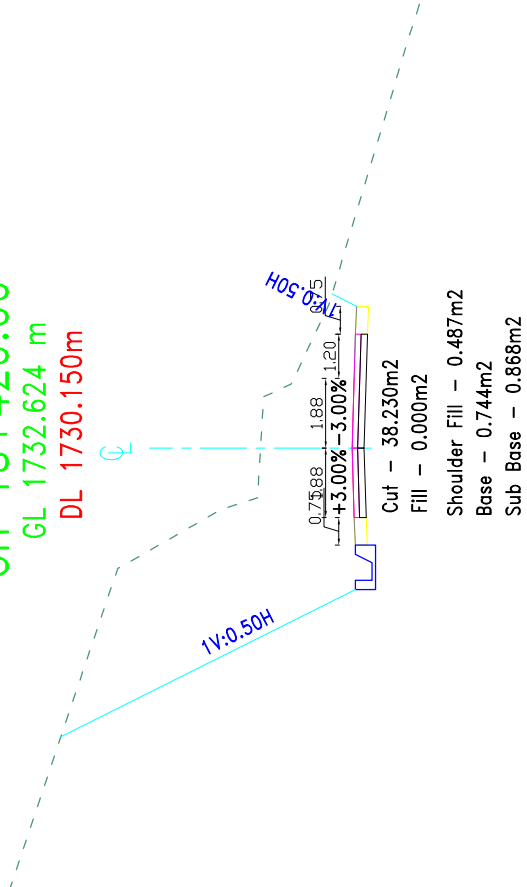
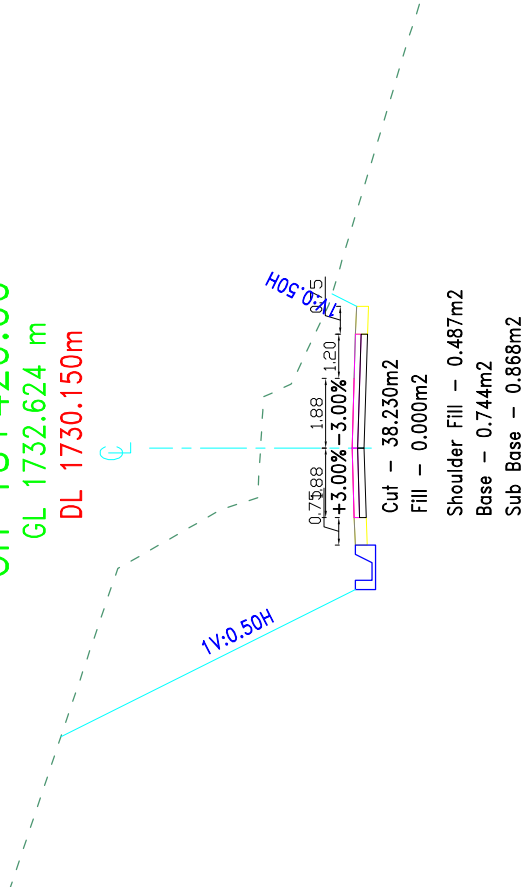
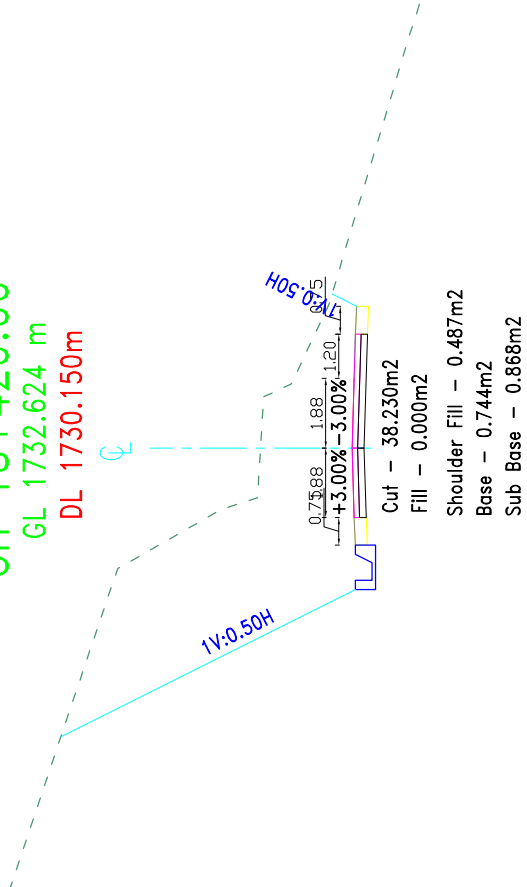
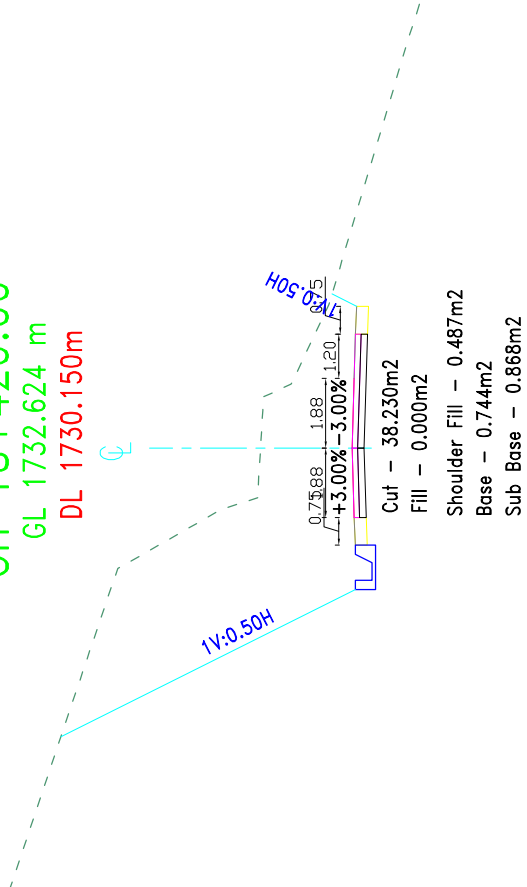
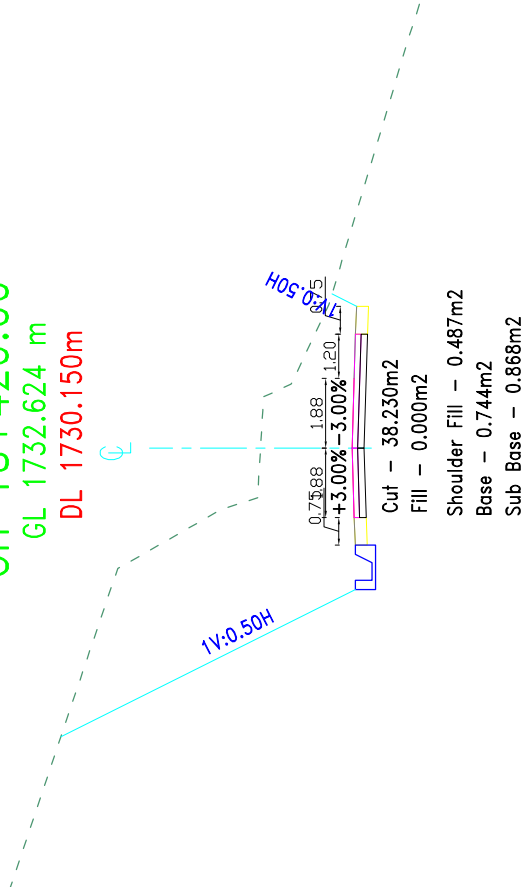
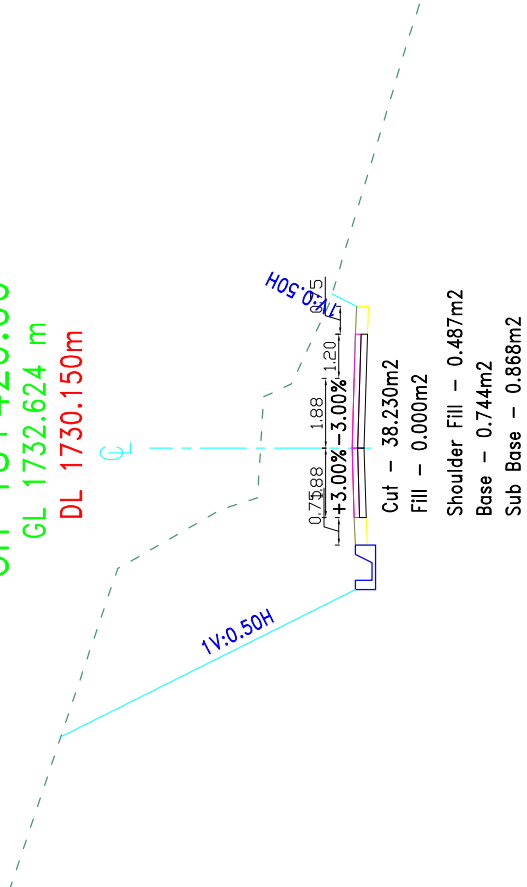
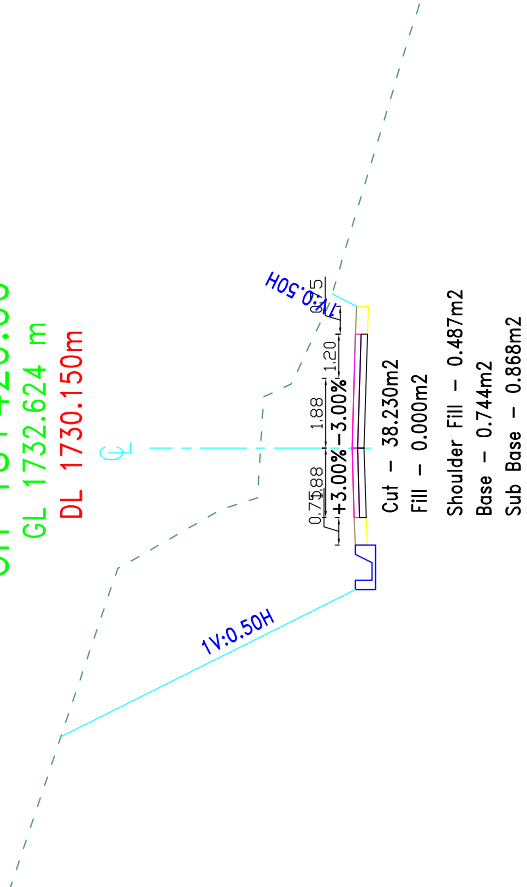
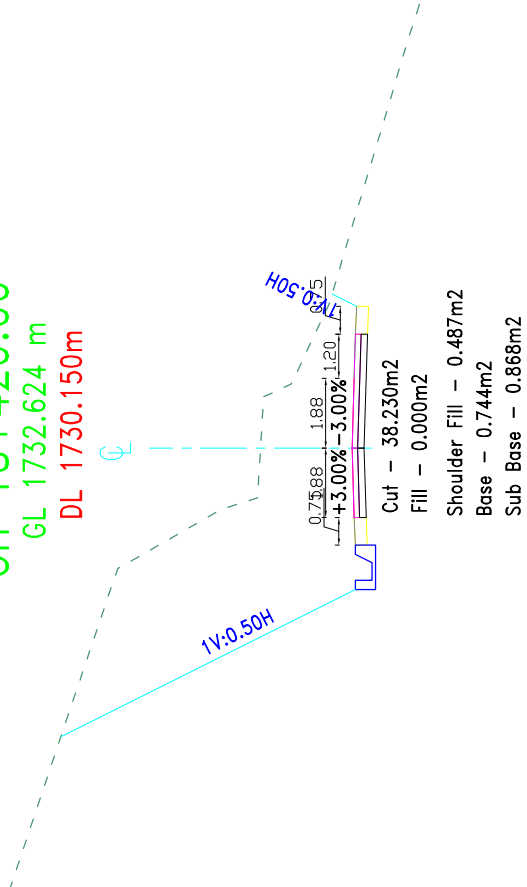
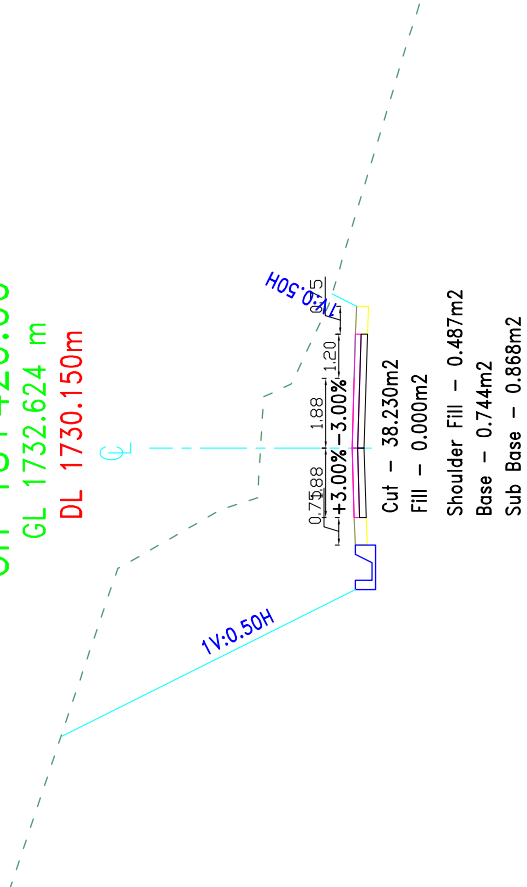
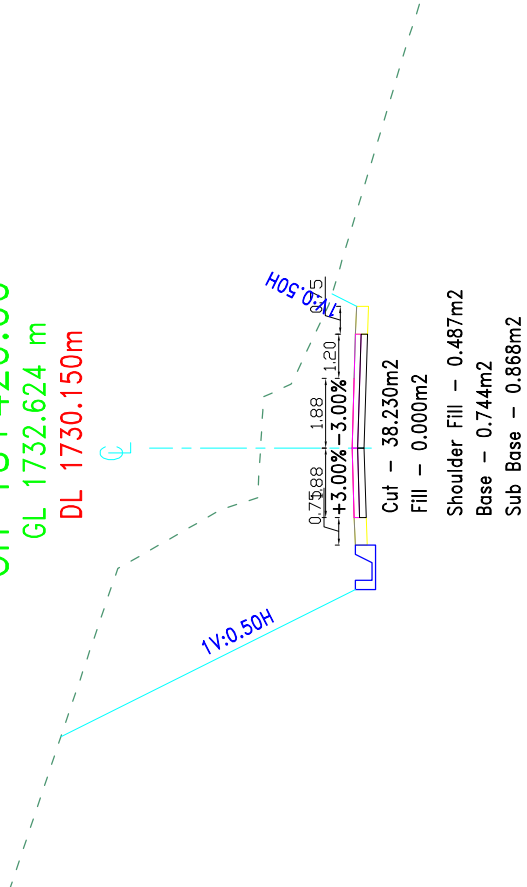
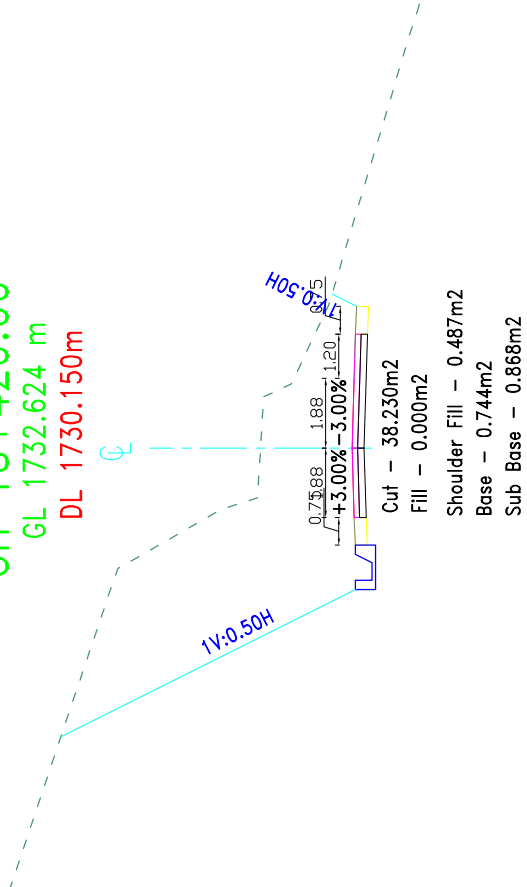
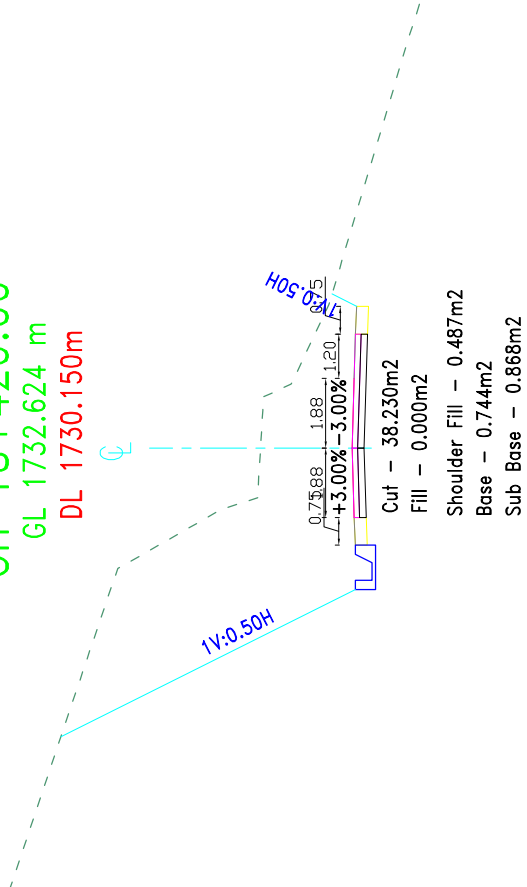
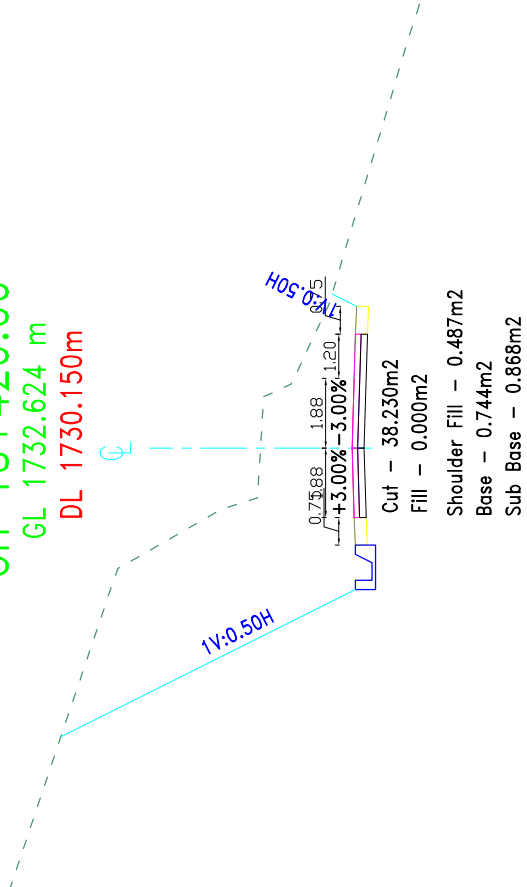
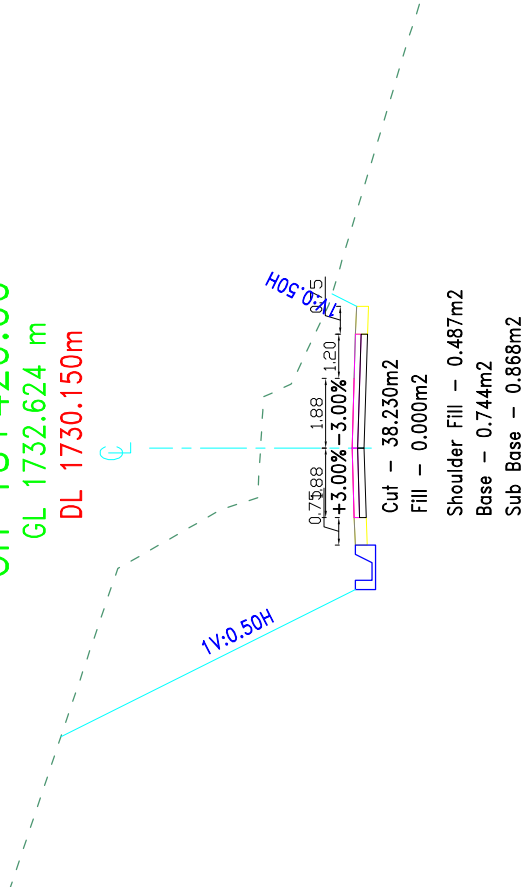
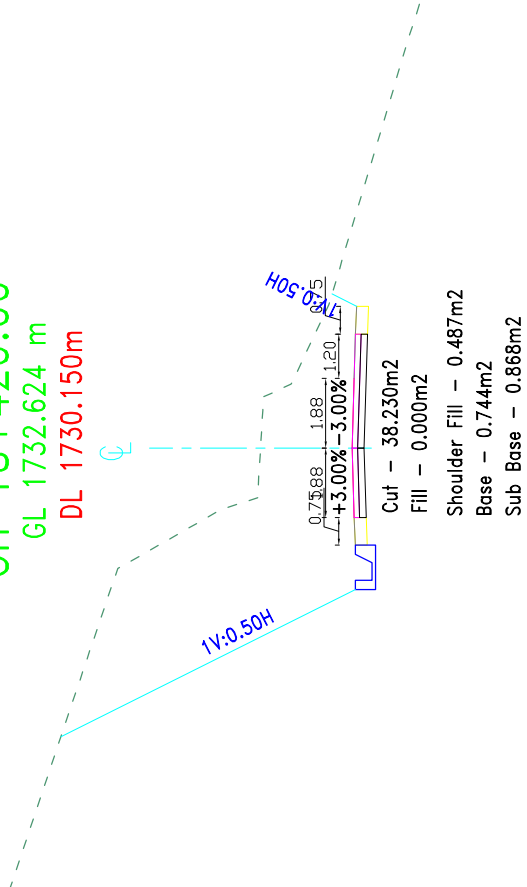
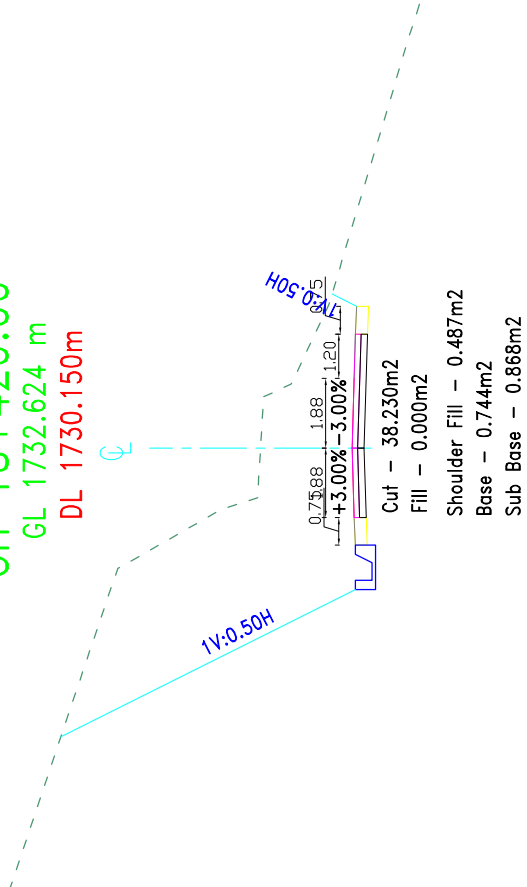
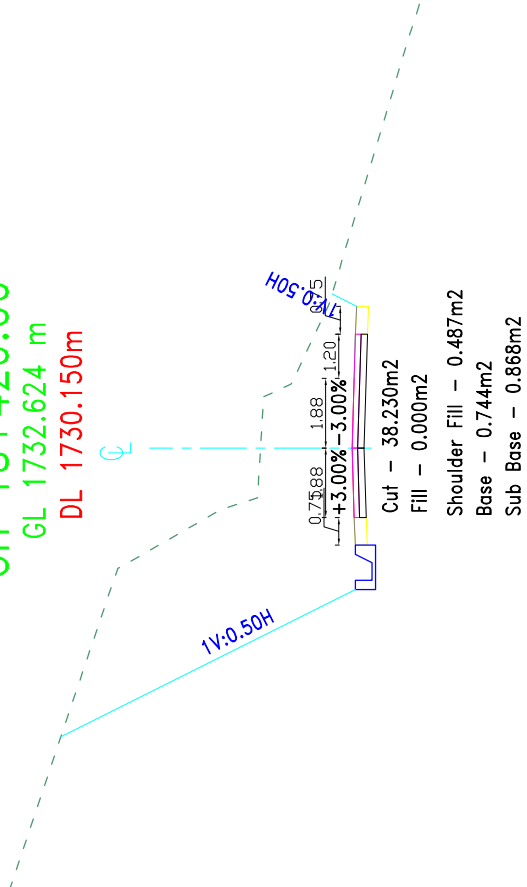
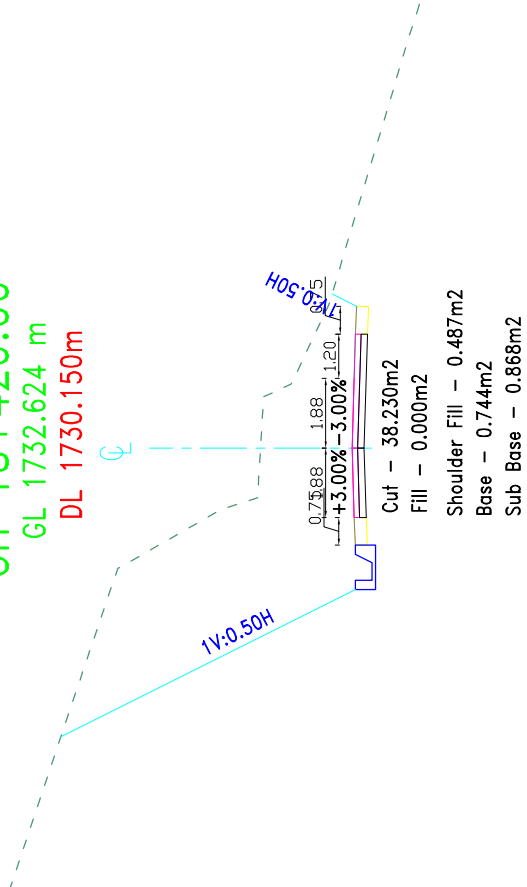
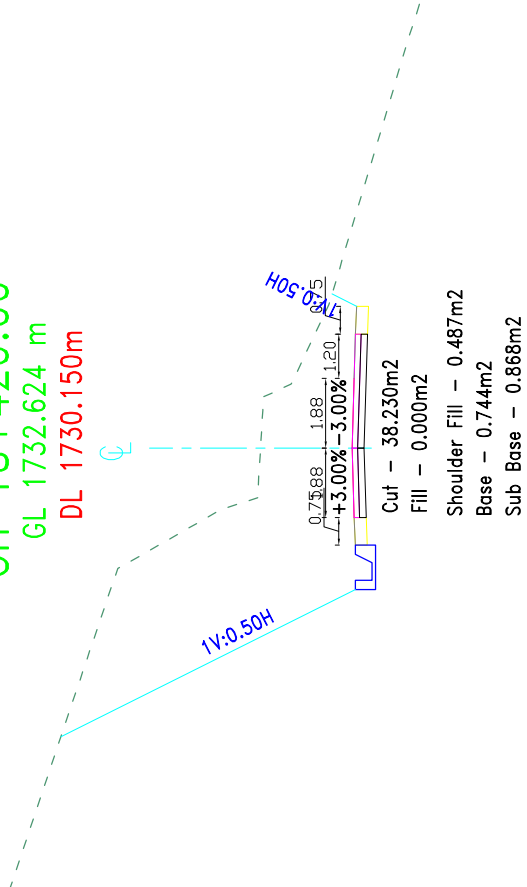
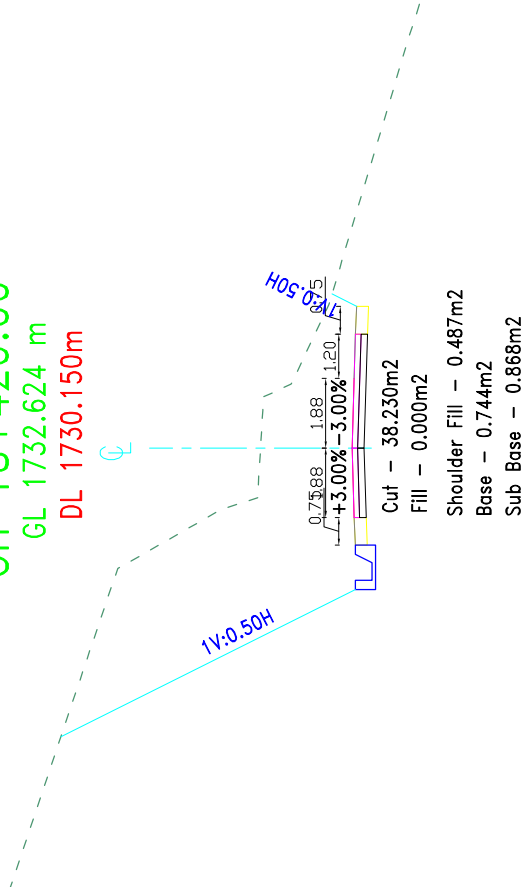
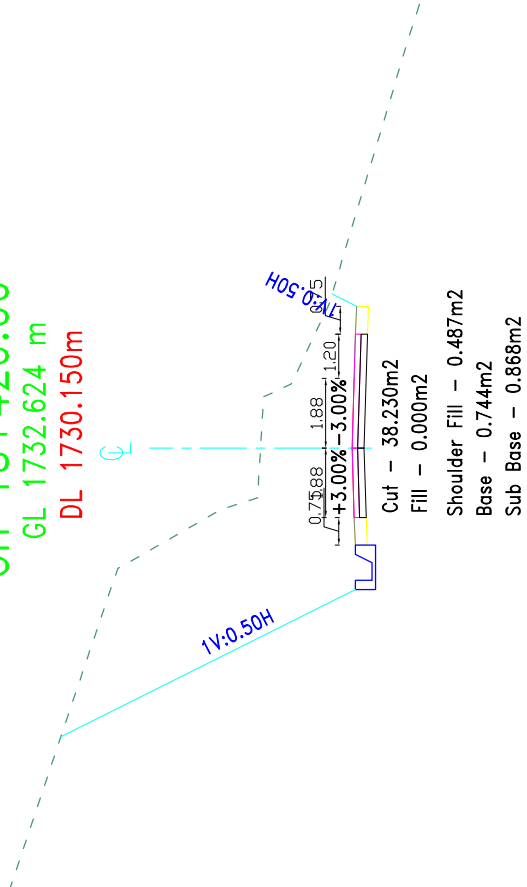
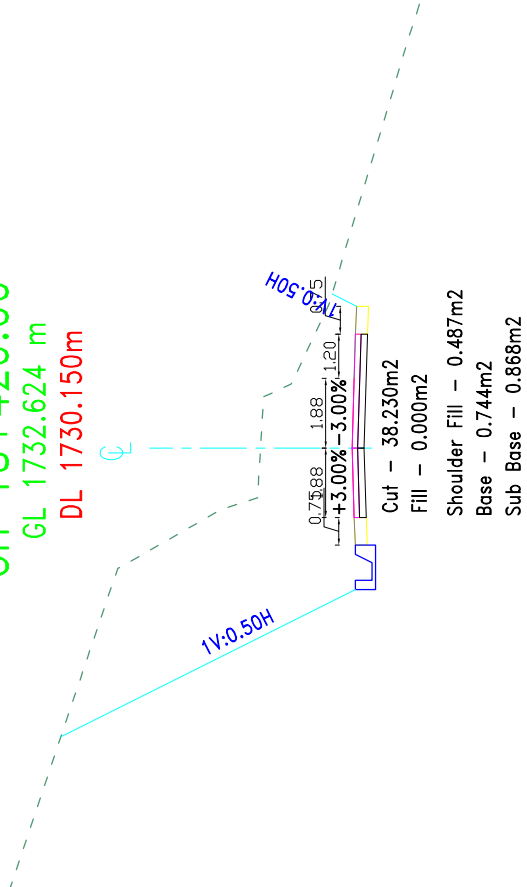
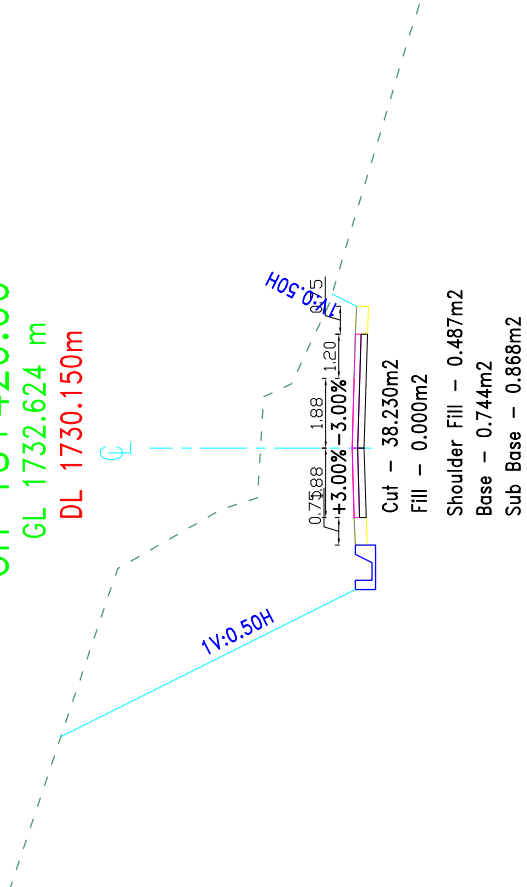
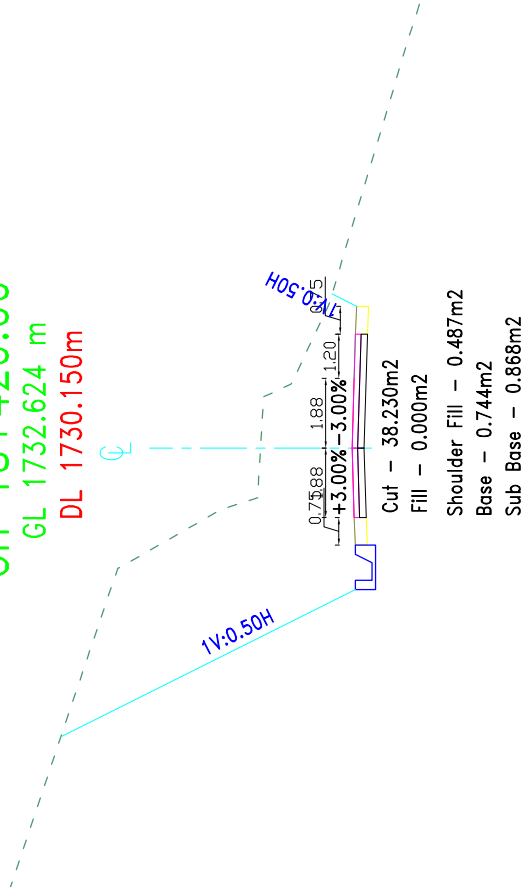
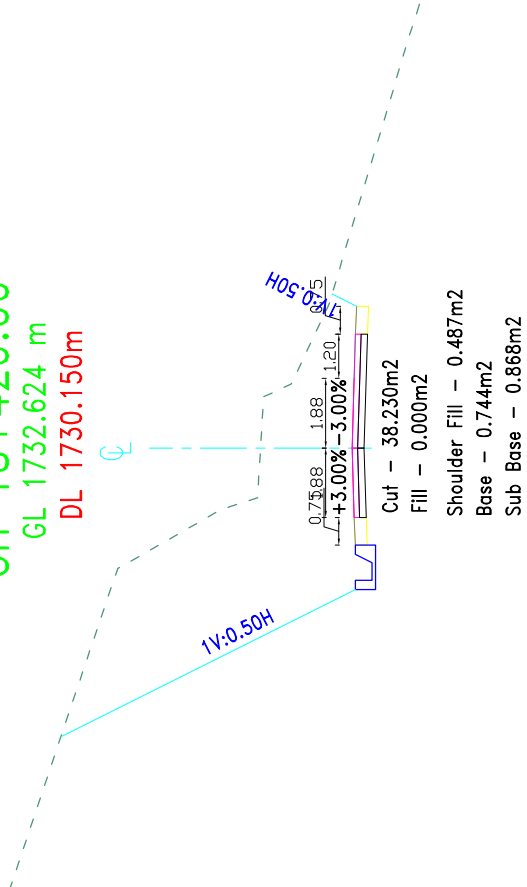
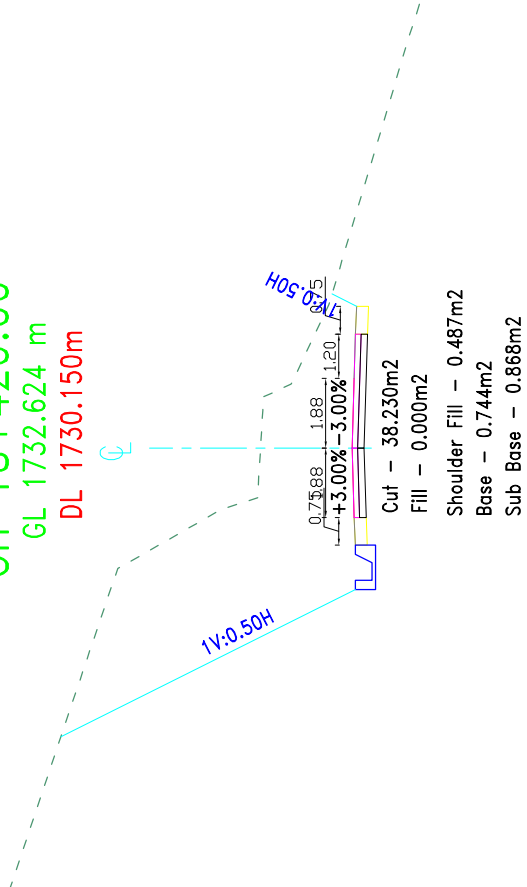
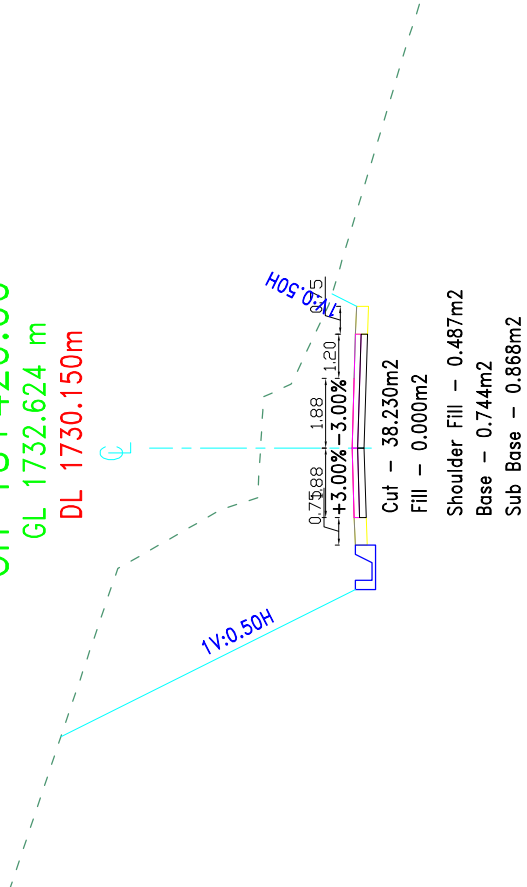
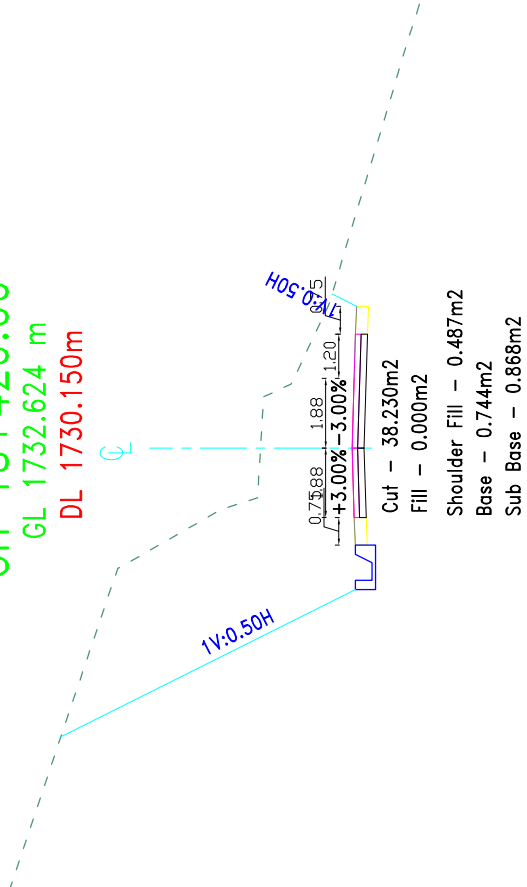
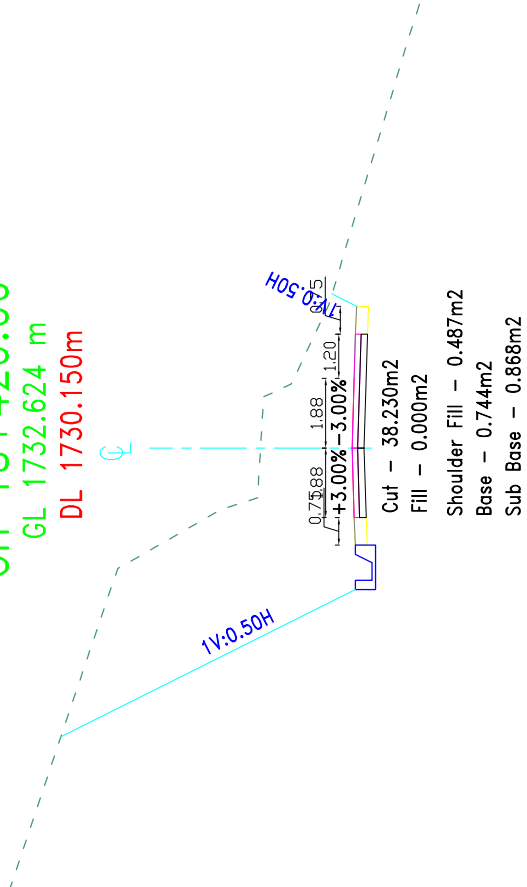
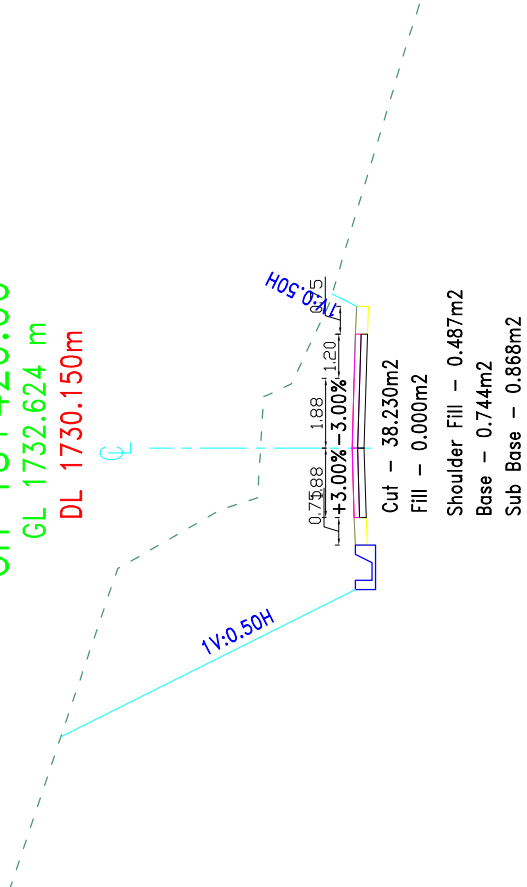
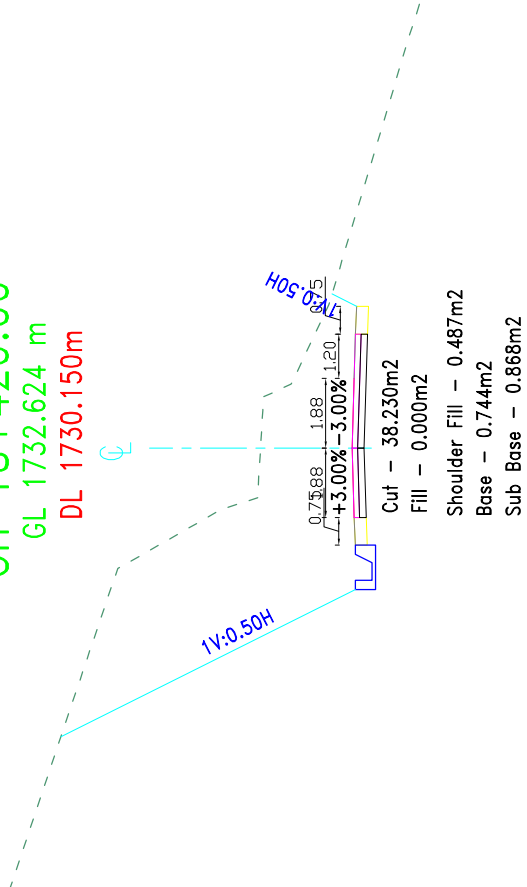
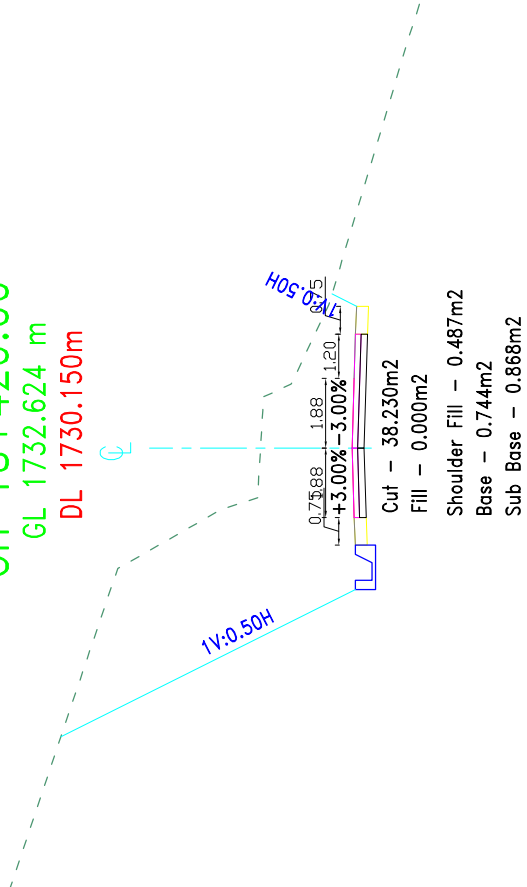
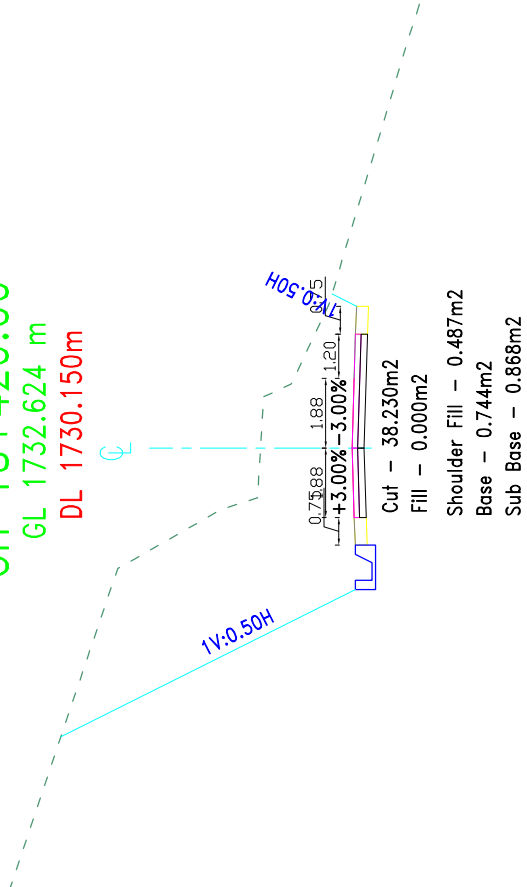
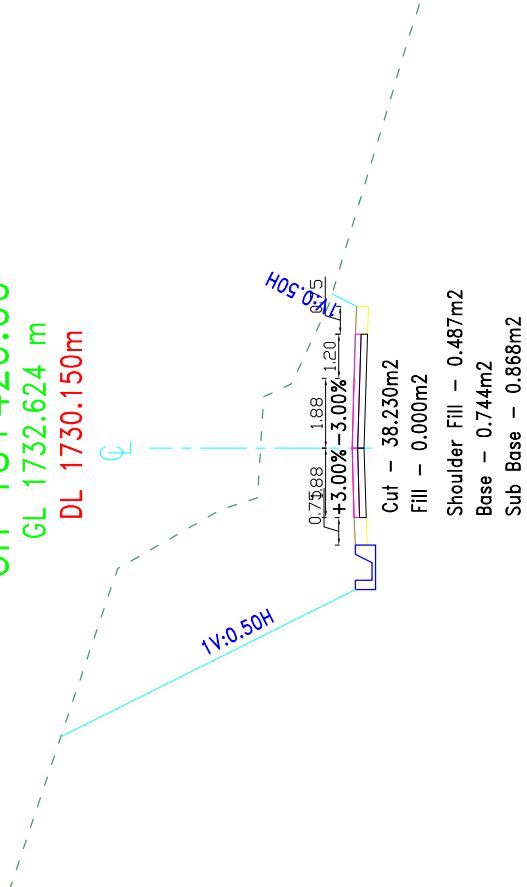
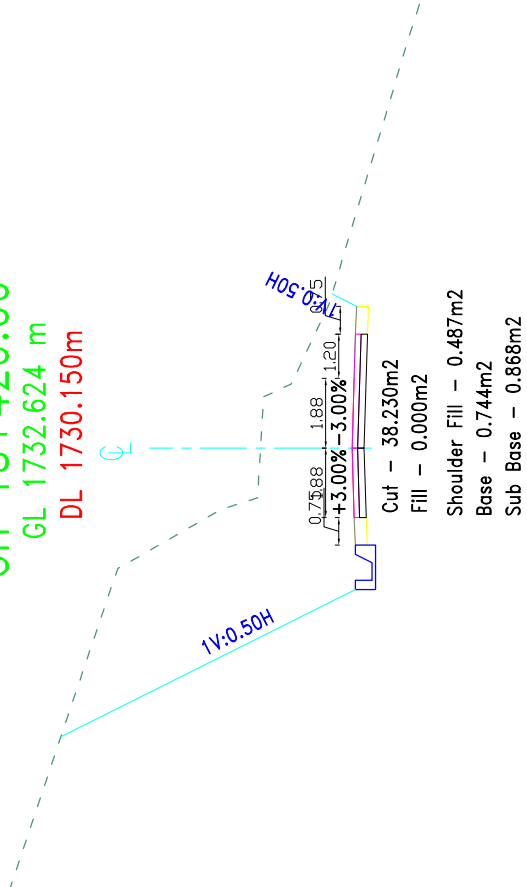
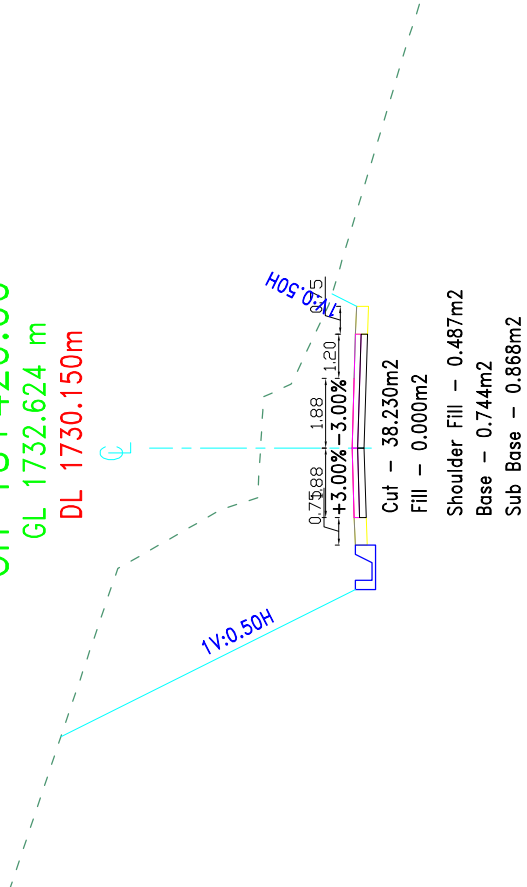
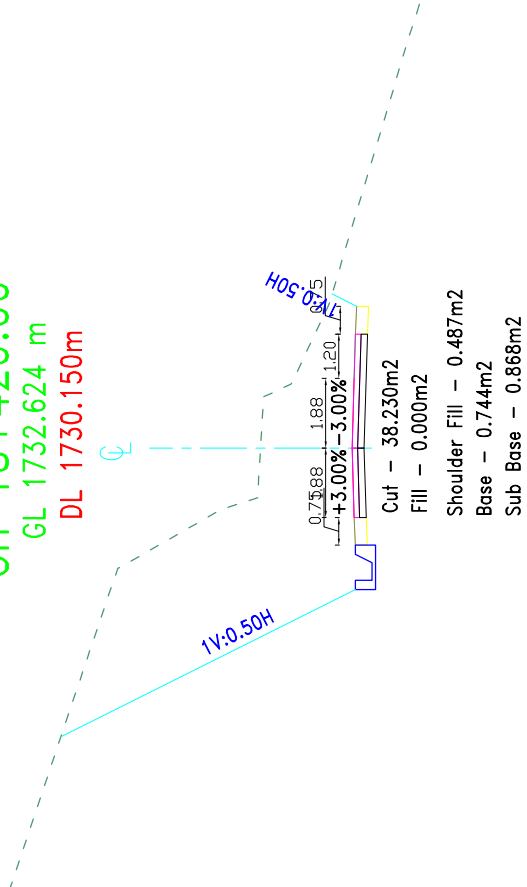
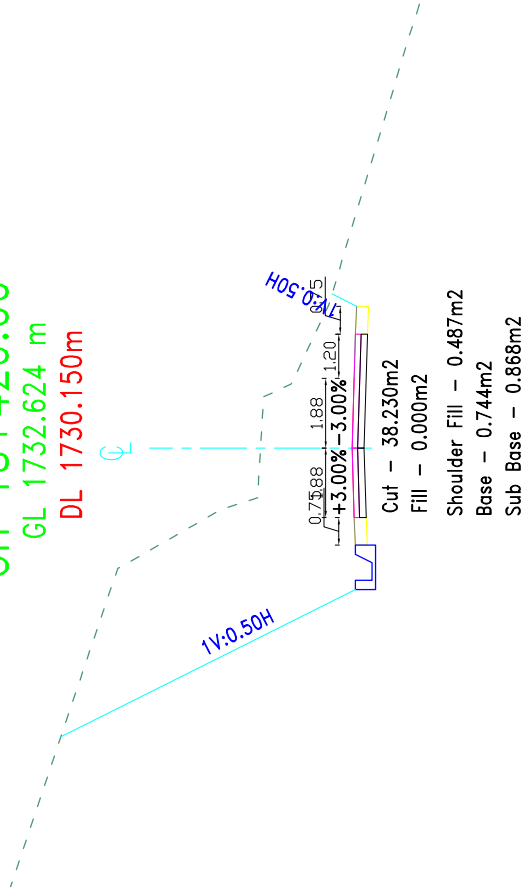
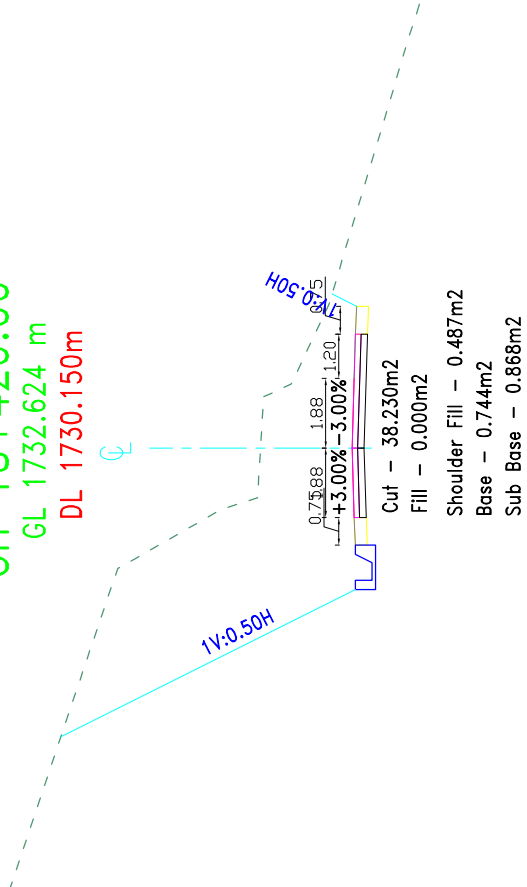
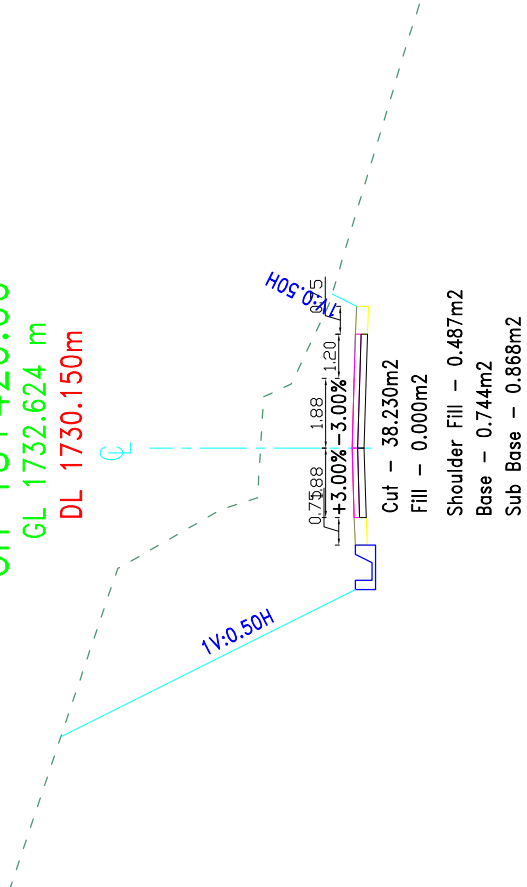
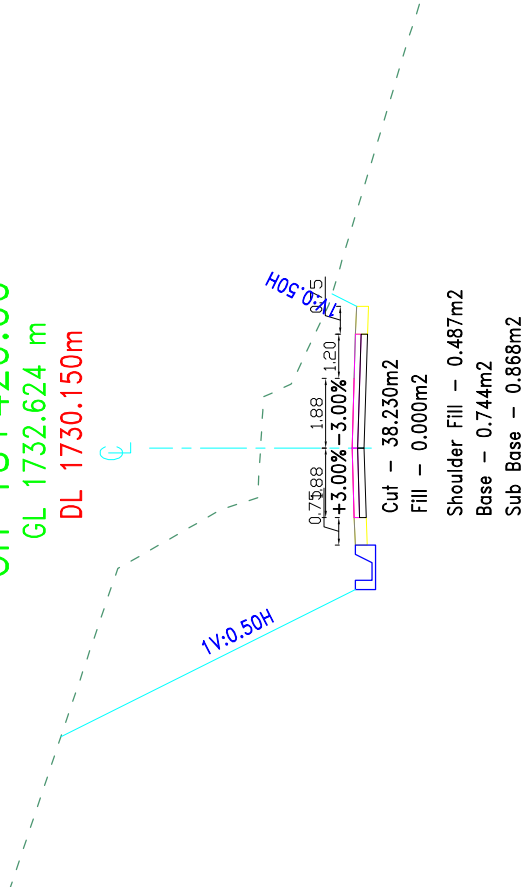
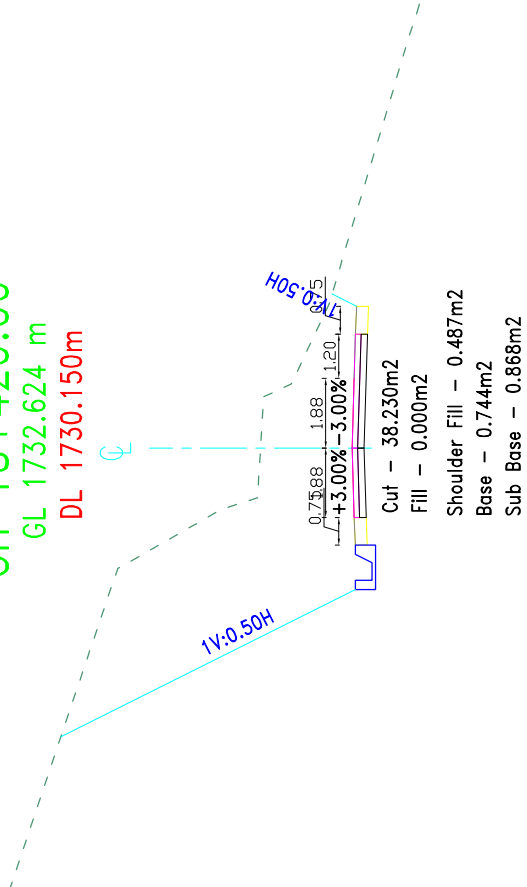
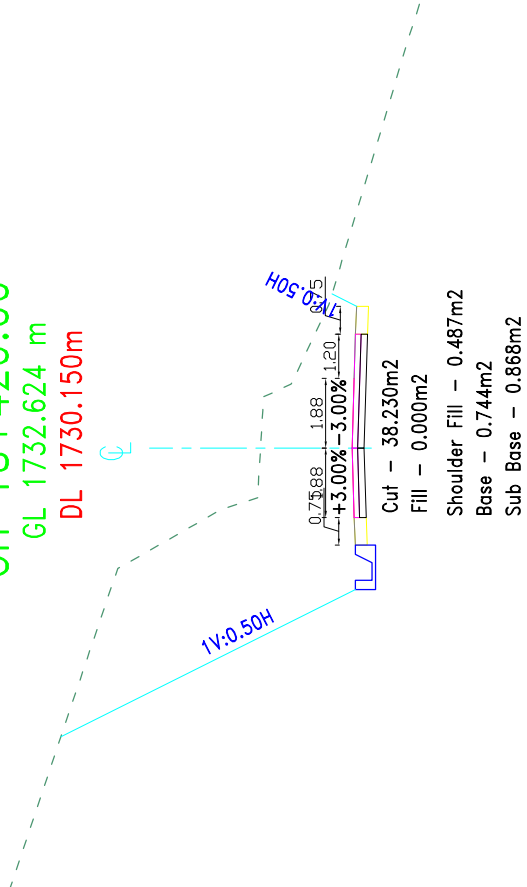
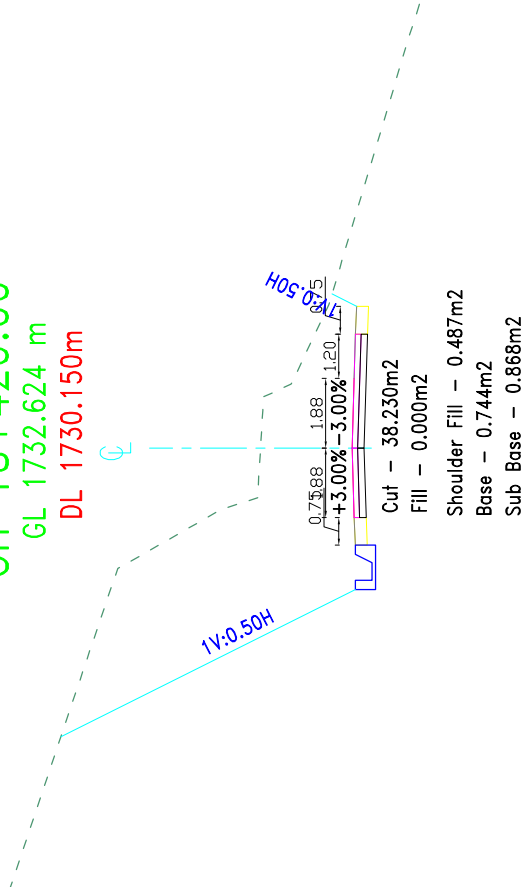
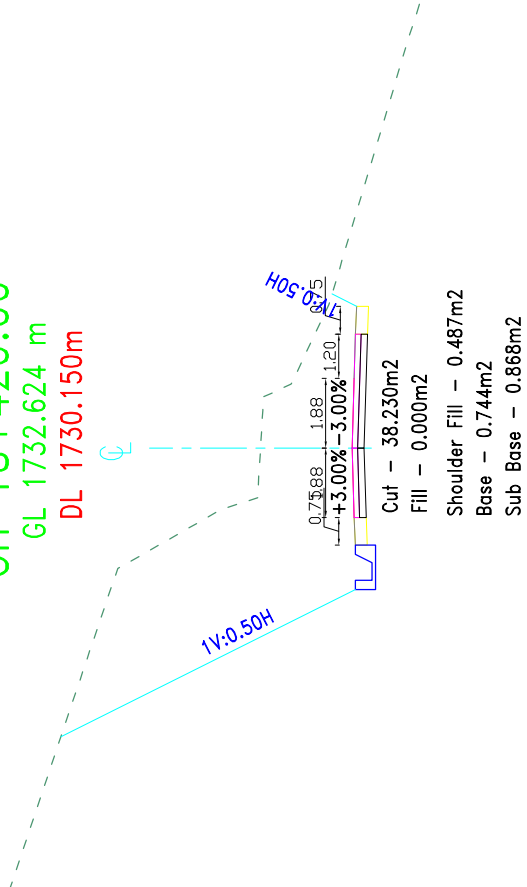
MASONRY WALL

GENERAL NOTES :

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

2. DO NOT SCALE THE DRAWING.

[illegible]

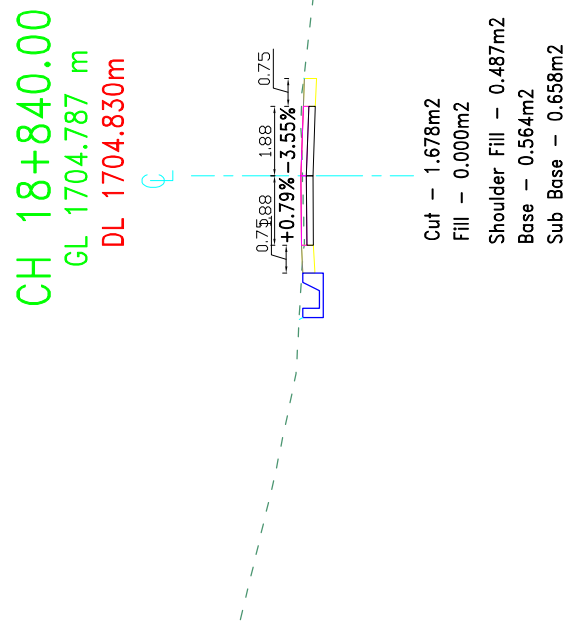
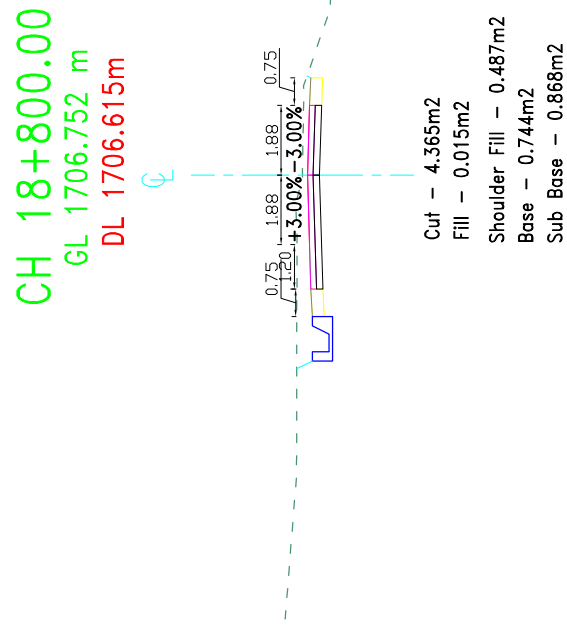
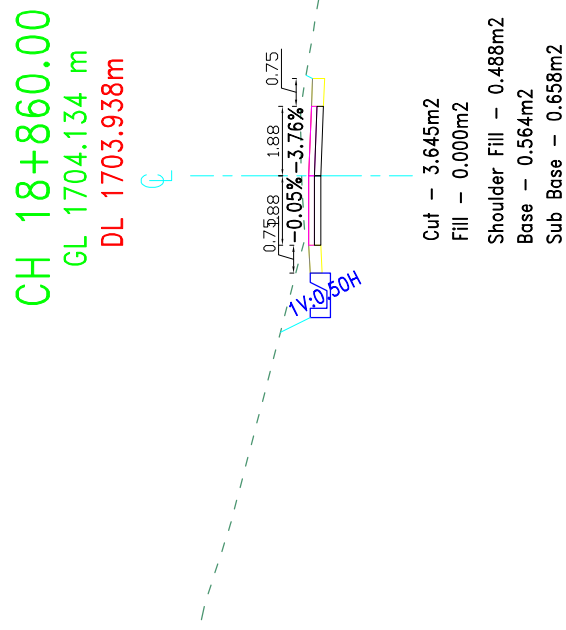
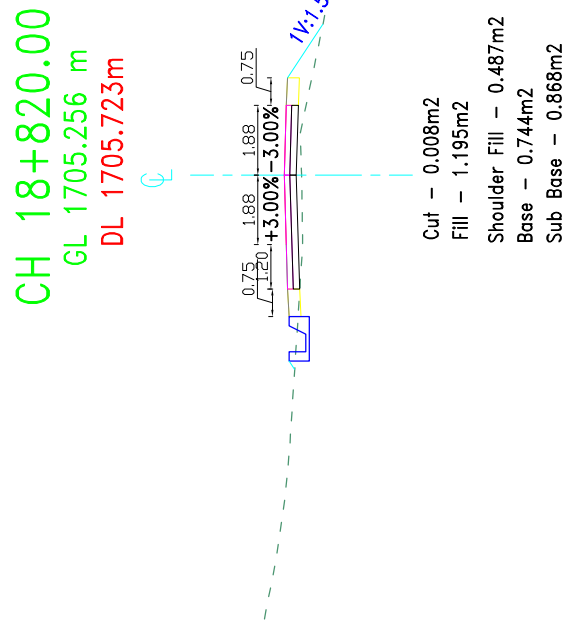
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU  BEAM - CEMCA - Jy SARWAL/ATP PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DIBRALI - SUNERI ROAD KATHMANDU, 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.: 231																																																																																																																		
CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m 		CH 18+420.00 GL 1732.624 m DL 1730.150m	

[illegible]

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SPR000004100000	 CEMECA - Jy SARWALAYITH BEAM - CEMECA - 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 DIBURALI - SUNNERT ROAD MADANPURI, NEPAL	CONSULTANT: BEAM - CEMECA - Jy SARWALAYITH	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	Cross-Section CH 18+560.00-18+620.00	DATE: November, 2017 DRWG NO.: 3 SHEET No.: 233
CH 18+580.00 GL 1713.639 m DL 1713.610m 1V:0.50H 0.75 1.88 0.60 0.75 6.00% 6.00% Cut - 7.630m2 Fill - 0.000m2 Shoulder Fill - 0.487m2 Base - 0.654m2 Sub Base - 0.763m2 CH 18+600.00 GL 1712.974 m DL 1712.560m 1V:0.50H 0.75 1.88 1.75 0.75 -0.23% -4.08% Cut - 15.040m2 Fill - 0.000m2 Shoulder Fill - 0.487m2 Base - 0.826m2 Sub Base - 0.965m2 CH 18+560.00 GL 1713.852 m DL 1714.660m 1V:0.50H 0.75 1.88 0.75 2.65% -3.12% Cut - 2.545m2 Fill - 2.030m2 Shoulder Fill - 0.487m2 Sir. Cut - 1.185m2 Back Fill - 0.023m2 Base - 0.564m2 Sub Base - 0.658m2 CH 18+620.00 GL 1711.090 m DL 1711.510m 1V:0.50H 0.75 1.88 0.75 +3.00% -3.00% Cut - 8.968m2 Fill - 0.340m2 Shoulder Fill - 0.487m2 Str. Cut - 0.813m2 Back Fill - 0.165m2 Base - 0.564m2 Sub Base - 0.658m2 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.											

[illegible]

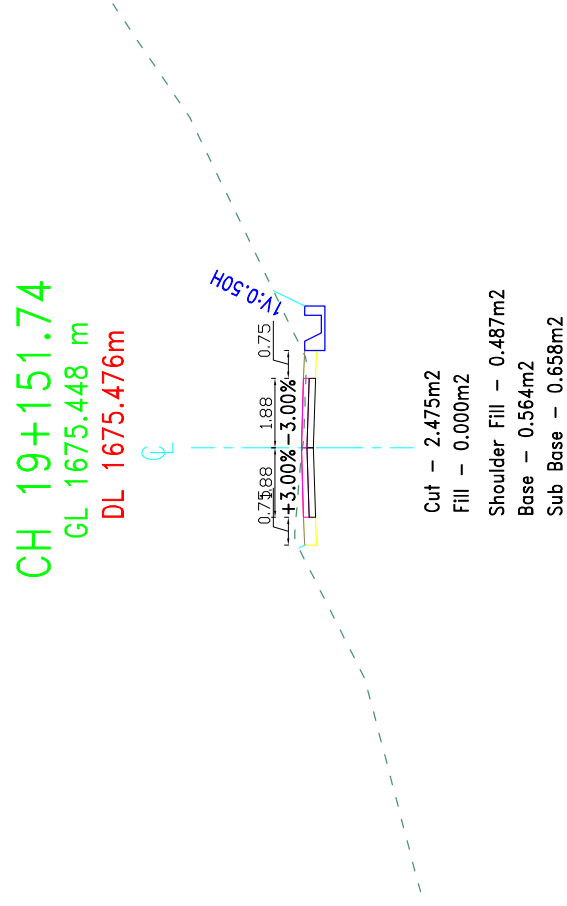
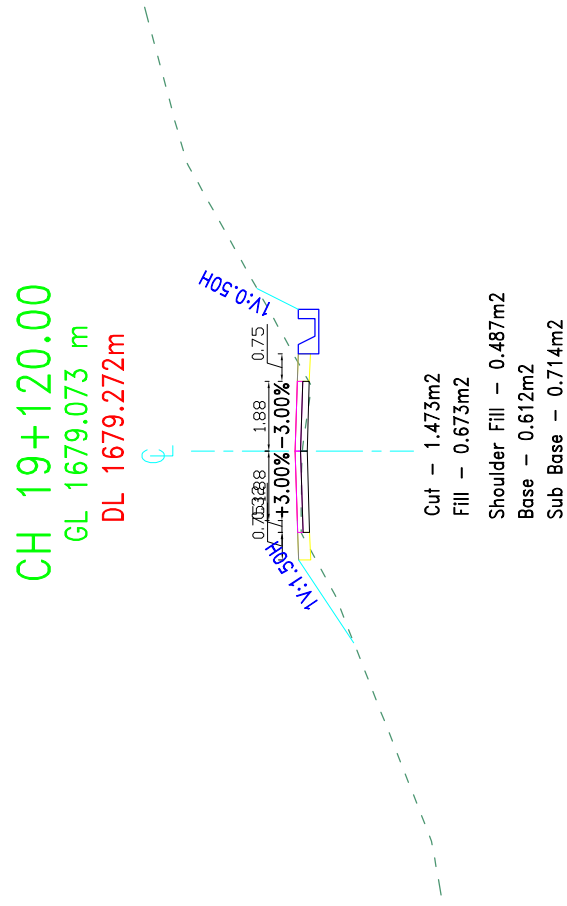
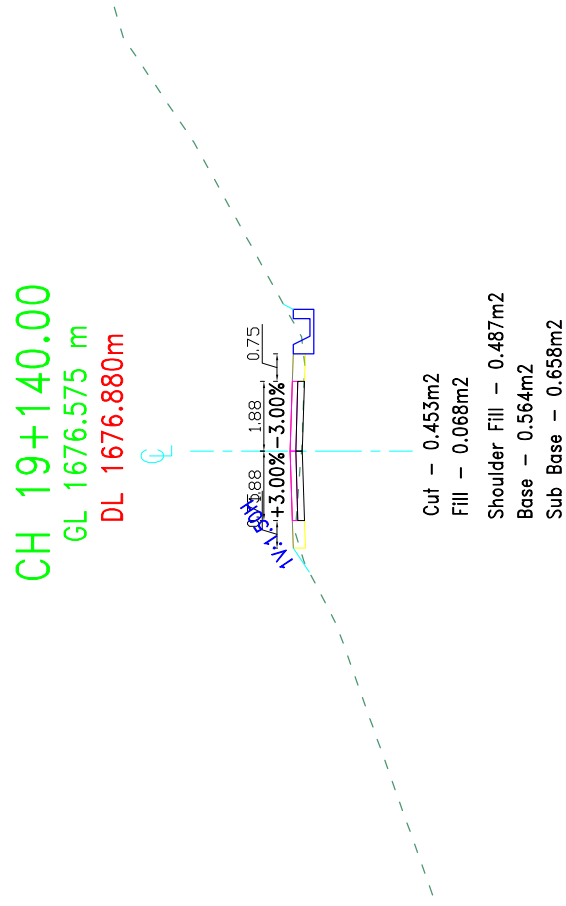
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT  BEAM - CEMECA - Jy SARDALATHAR PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI - SUNNARI ROAD MADANPURA, 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.: 235	
CH 18+740.00 GL 1708.512 m DL 1708.052m Cut - 0.000m2 Fill - 0.000m2 Shoulder Fill - 0.000m2		CH 18+760.00 GL 1707.679 m DL 1708.145m Cut - 2.460m2 Fill - 0.193m2 Shoulder Fill - 0.488m2 Base - 0.744m2 Sub Base - 0.868m2		CH 18+720.00 GL 1707.679 m DL 1708.145m Cut - 2.460m2 Fill - 0.193m2 Shoulder Fill - 0.488m2 Base - 0.744m2 Sub Base - 0.868m2		CH 18+780.00 GL 1707.121 m DL 1707.507m Cut - 0.078m2 Fill - 1.585m2 Shoulder Fill - 0.487m2 Base - 0.683m2 Sub Base - 0.796m2															



 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT RESPONSE/REPAIR	 BEAM - CEMCA - JV SANDEEP KUMAR	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCRETE STUDY AND GESSI PLAN OF BHIMPHEDI - BOGATE - IPA DEURALI- SUNSERI ROAD MUNAWAPURA, NEPAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
--	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT सुदूरपश्चिम प्रदेश	CONSULTANT:  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 DEURALI - SUNNERTI ROAD MADANPURA, NEPAL	DESIGNED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE	Cross-Section	DATE: November, 2017
			CHECKED BY :							DRWG NO.: 3
			RECOMMENDED BY :							SHEET No.: 237

[illegible]



 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT	 CEMECA - PVT. LTD. SARPAJALIMAR	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE THE STUDY AND GIST PLAN OF BHIMPEDI - BOGATE - IPA DEURALI - SUSNET ROAD MADHAWAPUR, 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.: 240

LEGENDS :

CENTER LEVEL

GROUND LEVEL

DESIGN LEVEL

SIDE DRAIN

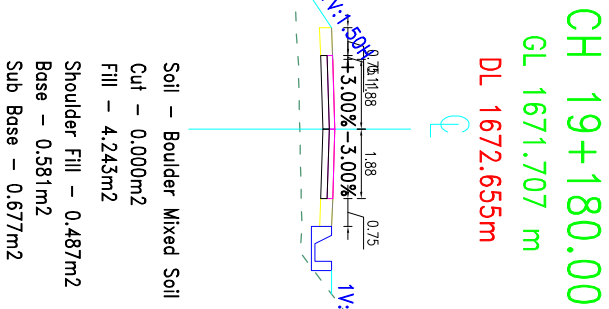
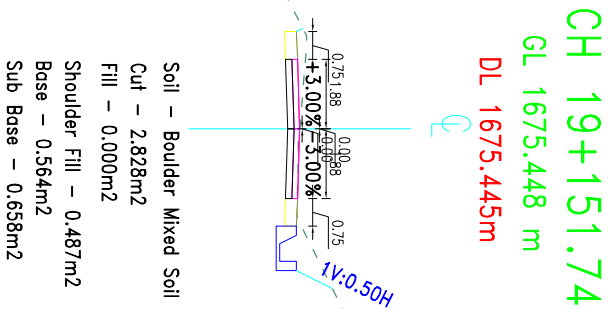
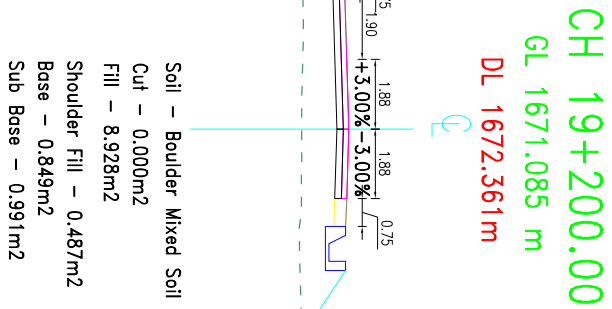
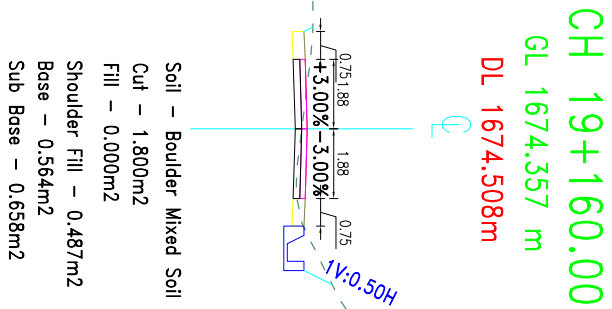
GABION WALL

MASONRY WALL

GENERAL NOTES :

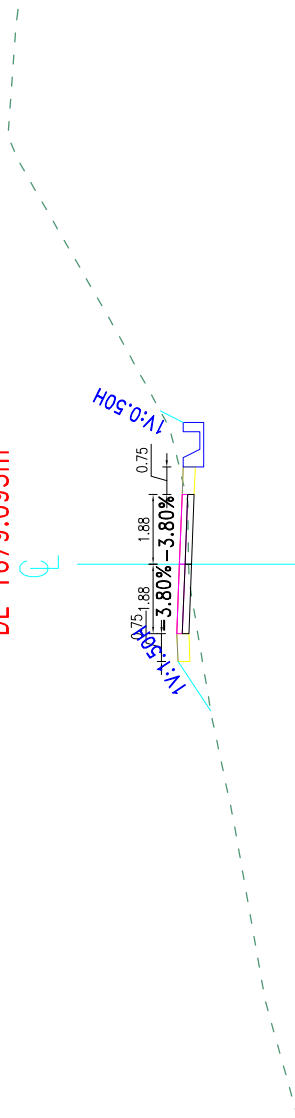
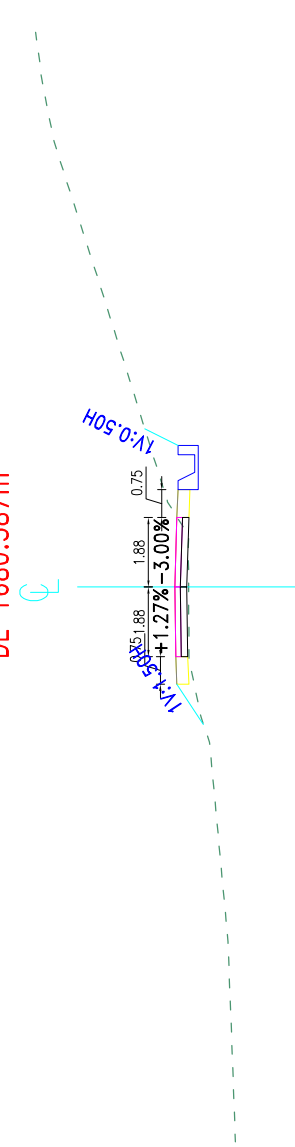
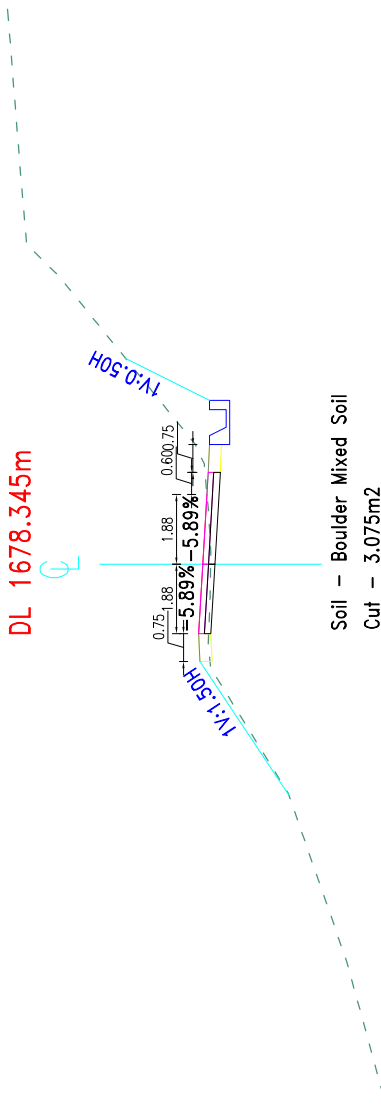
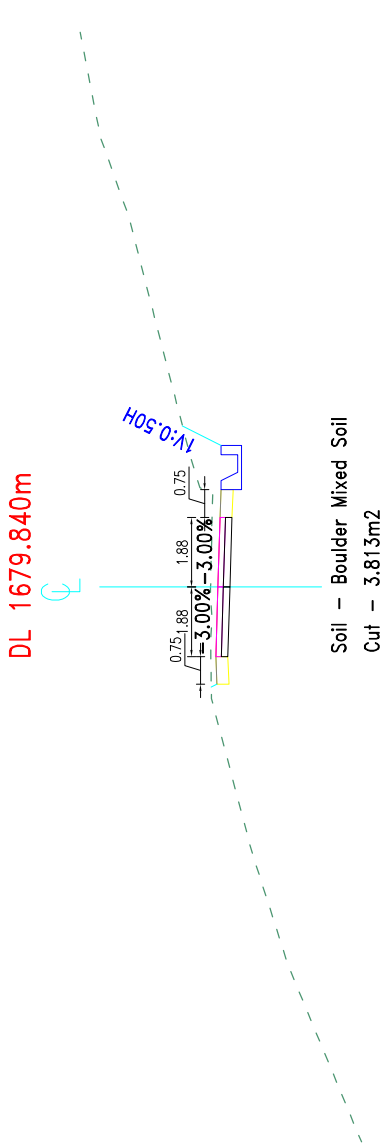
1. ALL THE DIMENSIONS ARE IN MTR.
UNLESS OTHERWISE MENTIONED.

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 IMPLEMENTATION	CONSULTANT:  BEAM - CEMECA JV BARNA, KATHMAN	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARED, DESIGN OF BRIDGE, RESSETTLEMENT PLAN CONCEPT STUDY AND GIS PLAN OF BHIMPHEDI - BOCATE - IPA DEURALI - SINSERI ROAD KAWANRANG, NEPAL									SCALE						
			NAME		DESIGNATION		SIGNATURE		DATE			CROSS – SECTION		DATE: September, 2017			
			DESIGNED BY :									1:200		DRWG NO.: 3			
			CHECKED BY :														
			RECOMMENDED BY :											CH 19+151.74 – 19+200.00			
			APPROVED BY :											SHEET No.: 1			

[illegible]

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU, NEPAL	 CEMECA JV KATHMANDU, NEPAL BEAM - CEMECA JV SARPA, LAUTNER	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DRP PREPARATION FOR EARTHQUAKE RESILIENT PLAN CONCRETE STUDY AND GIS PLANNING BHIMPHEDI - BOGATE - IPA DEURALI - SISNEHI ROAD KATHMANDU, NEPAL	CONSULTANT:	DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE	CROSS-SECTION	DATE: September, 2017 DRWG NO.: 3 SHEET No.: 3
CH 19+320.00 GL 1678.845 m DL 1679.093m  Soil – Boulder Mixed Soil Cut – 0.908m2 Fill – 0.798m2 Shoulder Fill – 0.488m2 Base – 0.564m2 Sub Base – 0.658m2 CH 19+360.00 GL 1680.213 m DL 1680.587m  Soil – Boulder Mixed Soil Cut – 1.330m2 Fill – 0.455m2 Shoulder Fill – 0.487m2 Base – 0.564m2 Sub Base – 0.658m2											
CH 19+300.00 GL 1678.137 m DL 1678.345m  Soil – Boulder Mixed Soil Cut – 3.075m2 Fill – 0.368m2 Shoulder Fill – 0.488m2 Base – 0.654m2 Sub Base – 0.763m2 CH 19+340.00 GL 1680.037 m DL 1679.840m  Soil – Boulder Mixed Soil Cut – 3.813m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.564m2 Sub Base – 0.658m2											

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

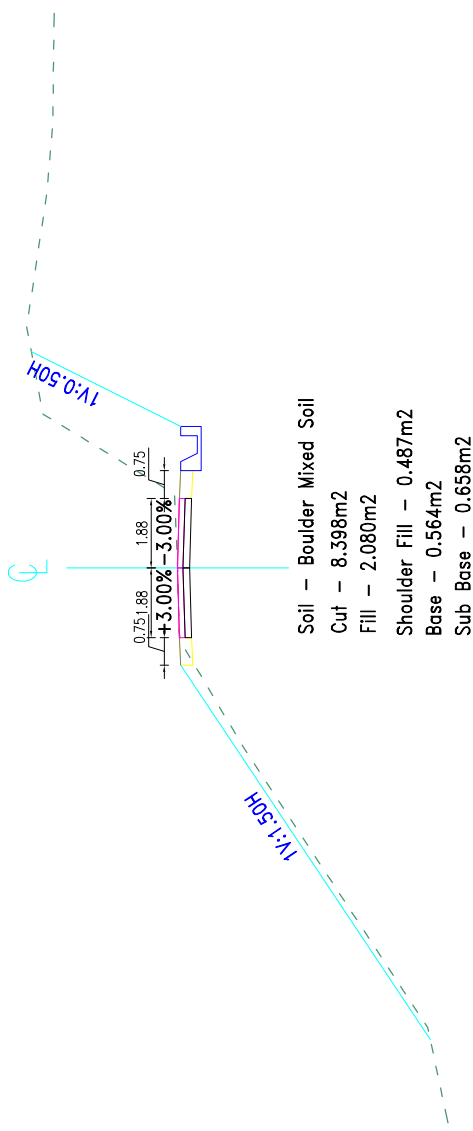
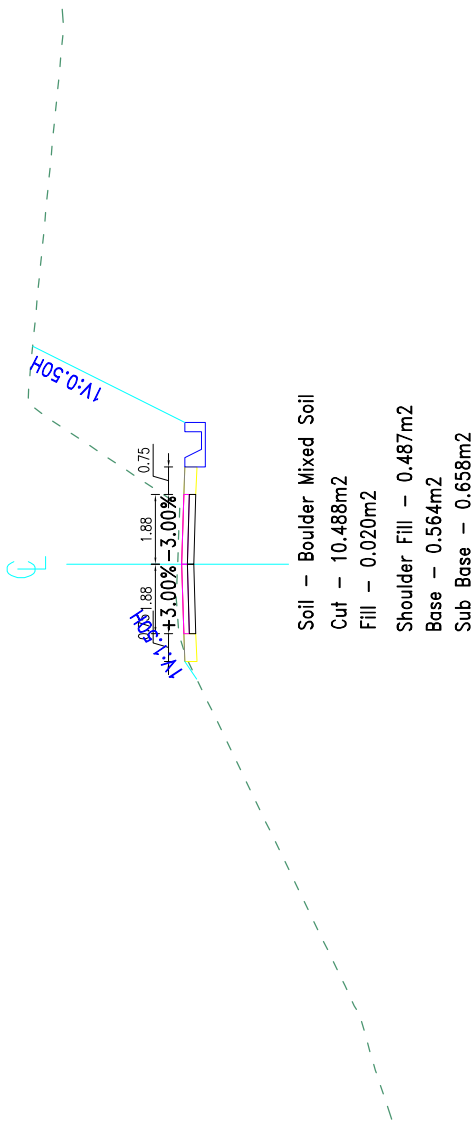
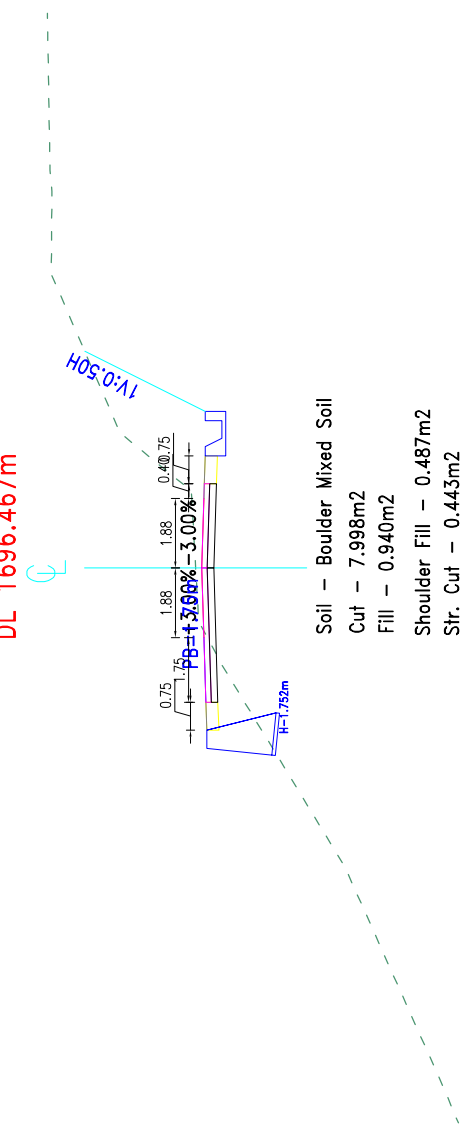
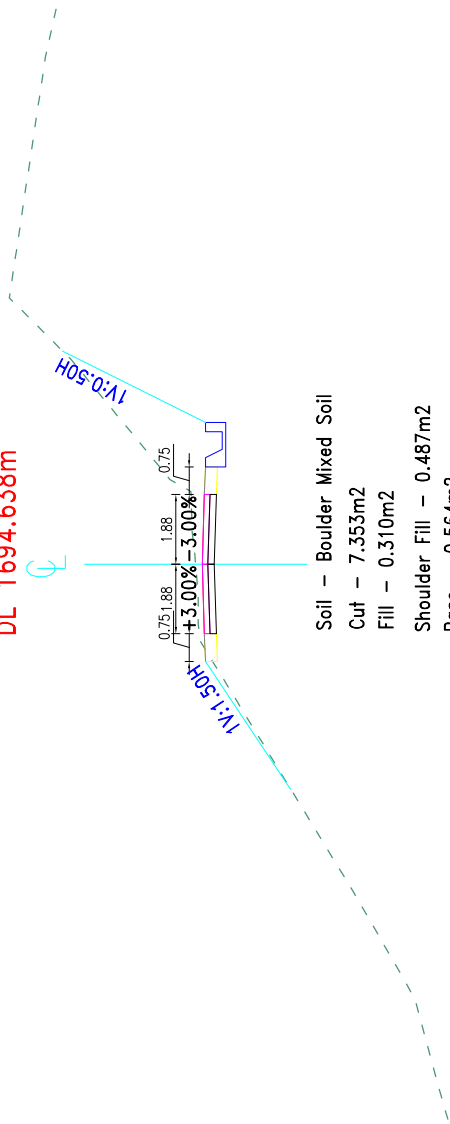
CH 19+400.00 GL 1682.464 m DL 1682.336m			Soil – Boulder Mixed Soil Cut – 4.668m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.564m2 Sub Base – 0.658m2	
			Soil – Boulder Mixed Soil Cut – 1.590m2 Fill – 0.490m2 Shoulder Fill – 0.487m2 Base – 0.564m2 Sub Base – 0.658m2	
			Soil – Boulder Mixed Soil Cut – 3.068m2 Fill – 0.035m2 Shoulder Fill – 0.487m2 Base – 0.564m2 Sub Base – 0.658m2	

CH 19+440.00 GL 1684.815 m DL 1684.924m			Soil – Boulder Mixed Soil Cut – 3.330m2 Fill – 0.048m2 Shoulder Fill – 0.488m2 Base – 0.612m2 Sub Base – 0.714m2	
			Soil – Boulder Mixed Soil Cut – 3.068m2 Fill – 0.035m2 Shoulder Fill – 0.487m2 Base – 0.564m2 Sub Base – 0.658m2	
			Soil – Boulder Mixed Soil Cut – 3.330m2 Fill – 0.048m2 Shoulder Fill – 0.488m2 Base – 0.612m2 Sub Base – 0.714m2	

CH 19+400.00 GL 1682.464 m DL 1682.336m			Soil – Boulder Mixed Soil Cut – 4.668m2 Fill – 0.000m2 Shoulder Fill – 0.487m2 Base – 0.564m2 Sub Base – 0.658m2	
			Soil – Boulder Mixed Soil Cut – 1.590m2 Fill – 0.490m2 Shoulder Fill – 0.487m2 Base – 0.564m2 Sub Base – 0.658m2	
			Soil – Boulder Mixed Soil Cut – 3.068m2 Fill – 0.035m2 Shoulder Fill – 0.487m2 Base – 0.564m2 Sub Base – 0.658m2	

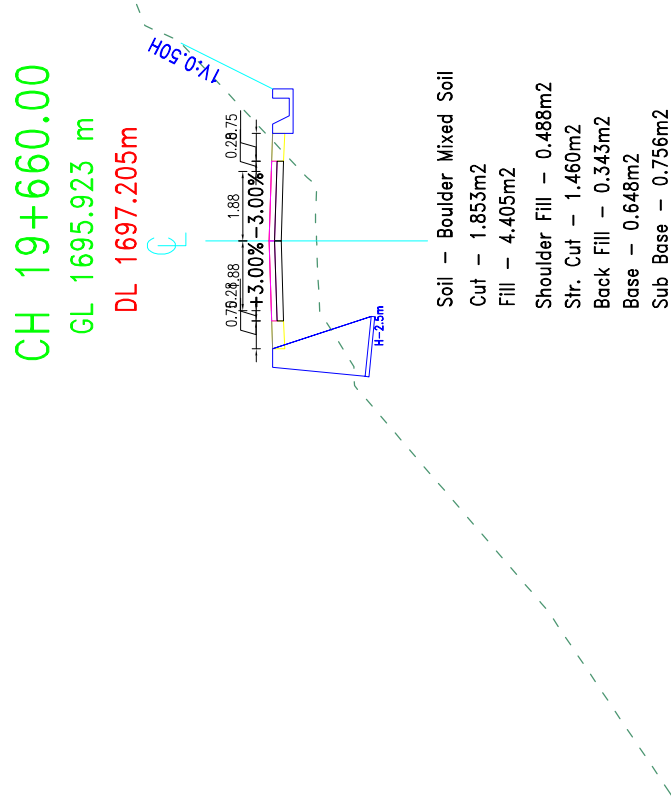
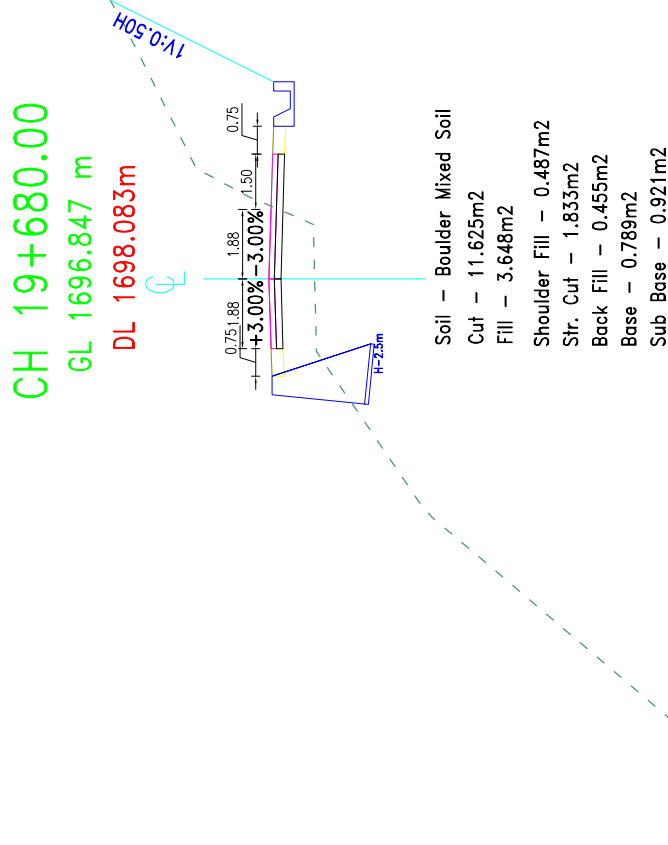
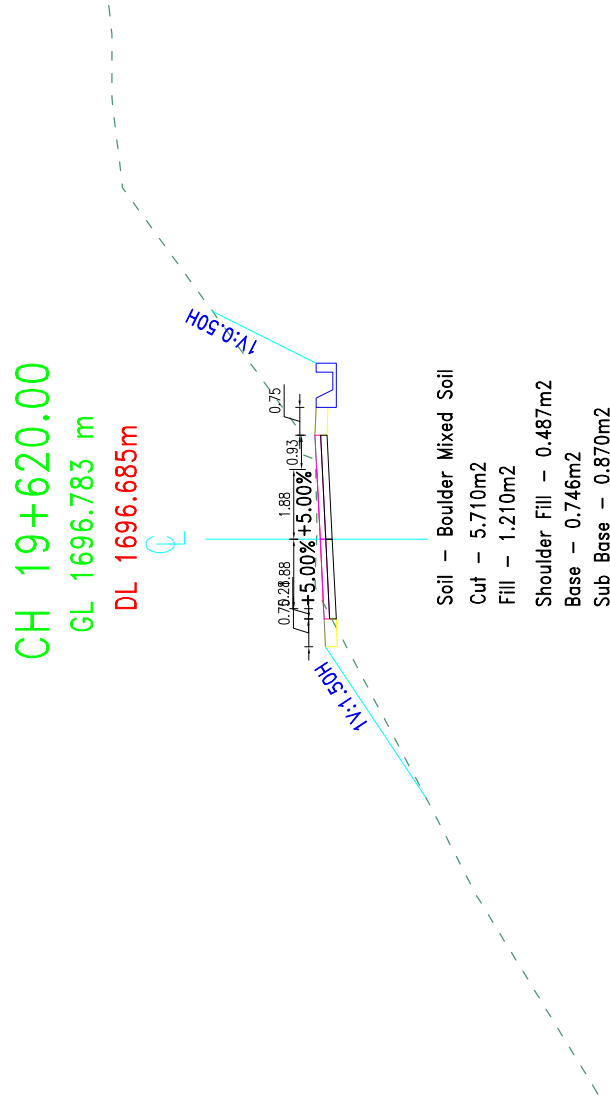
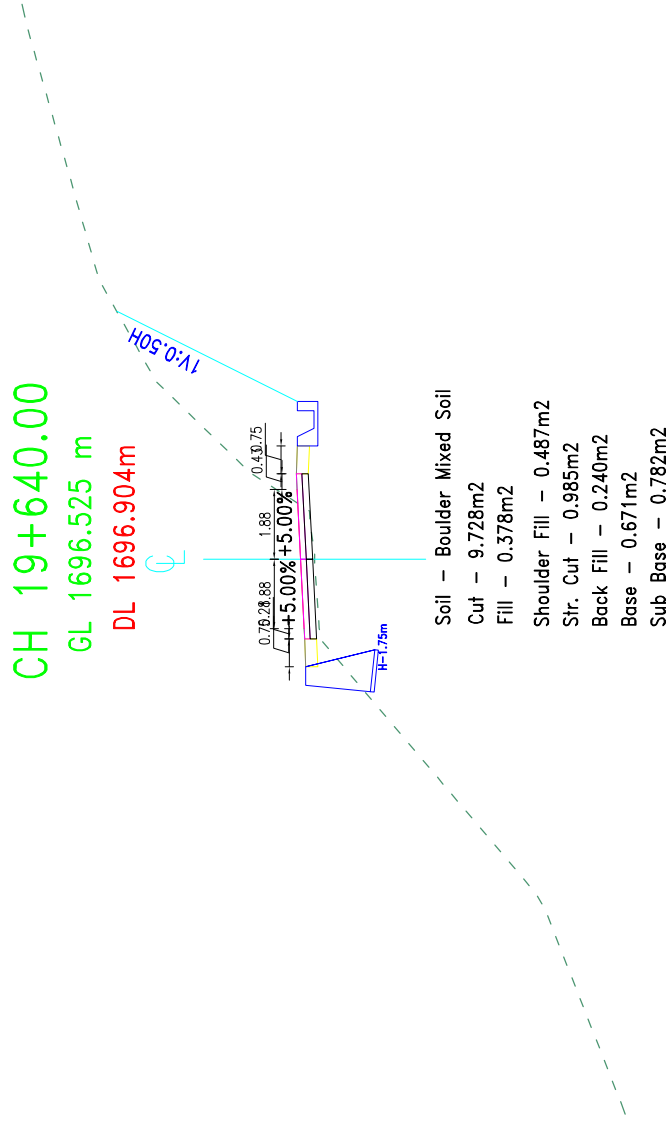
CH 19+440.00 GL 1684.815 m DL 1684.924m			Soil – Boulder Mixed Soil Cut – 3.330m2 Fill – 0.048m2 Shoulder Fill – 0.488m2 Base – 0.612m2 Sub Base – 0.714m2	
			Soil – Boulder Mixed Soil Cut – 3.068m2 Fill – 0.035m2 Shoulder Fill – 0.487m2 Base – 0.564m2 Sub Base – 0.658m2	
			Soil – Boulder Mixed Soil Cut – 3.330m2 Fill – 0.048m2 Shoulder Fill – 0.488m2 Base – 0.612m2 Sub Base – 0.714m2	

CH 19+400.00 GL 1682.



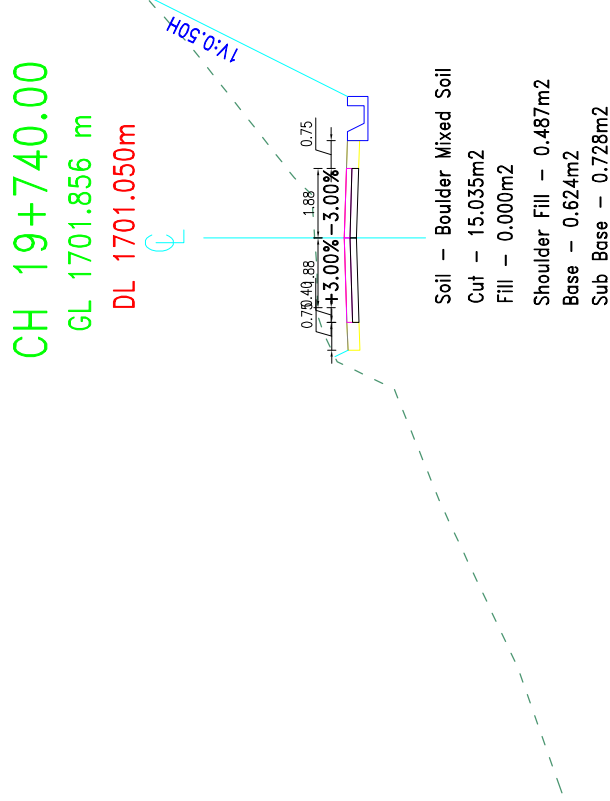
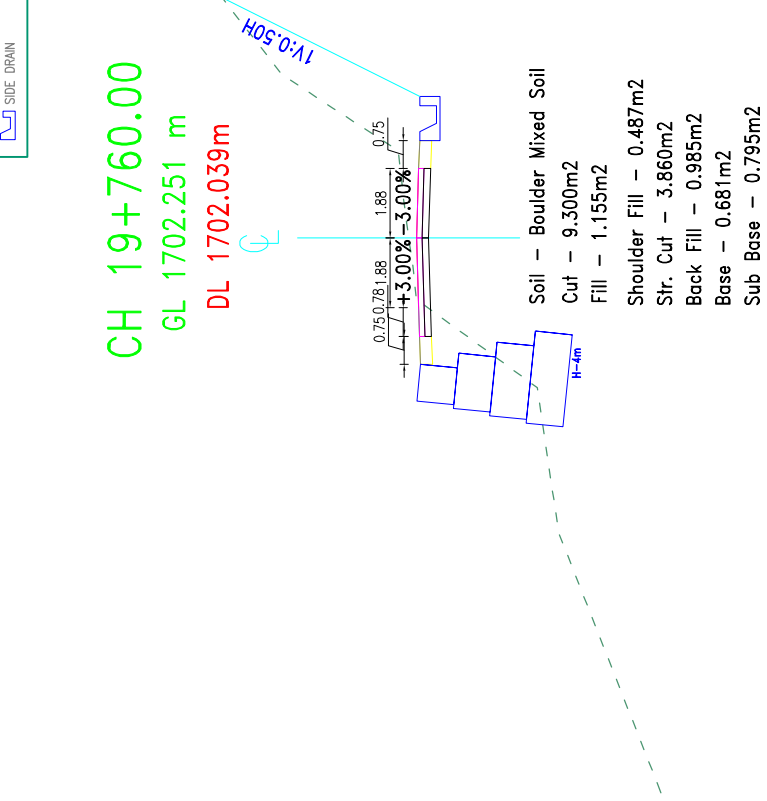
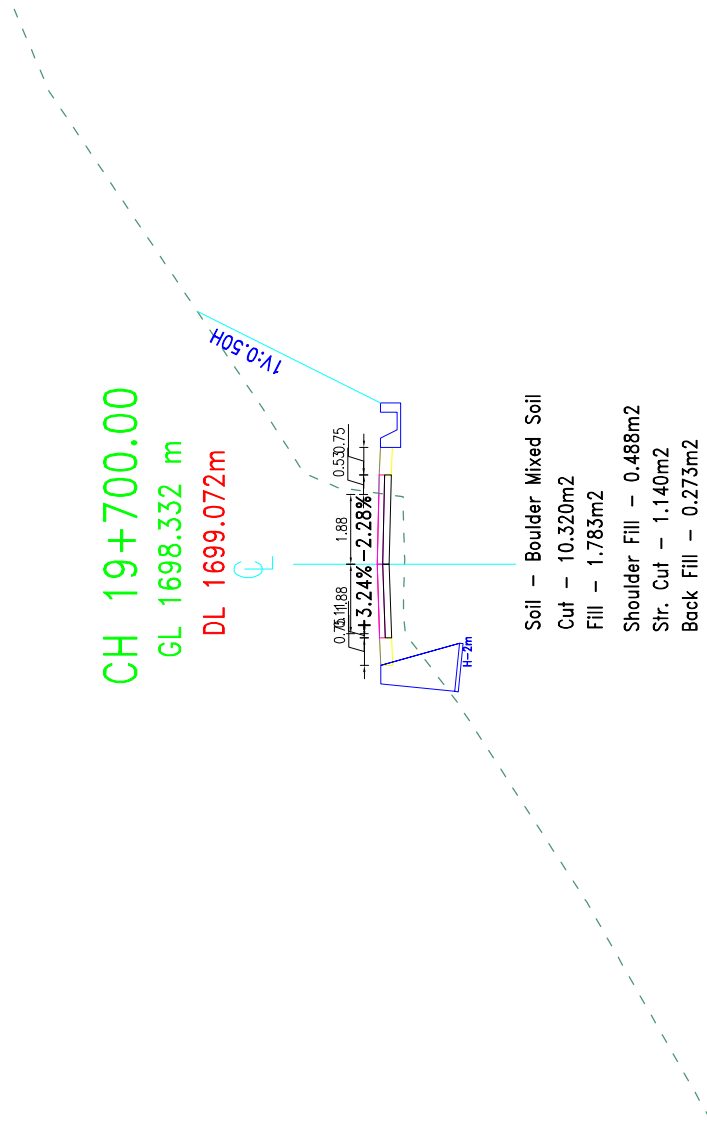
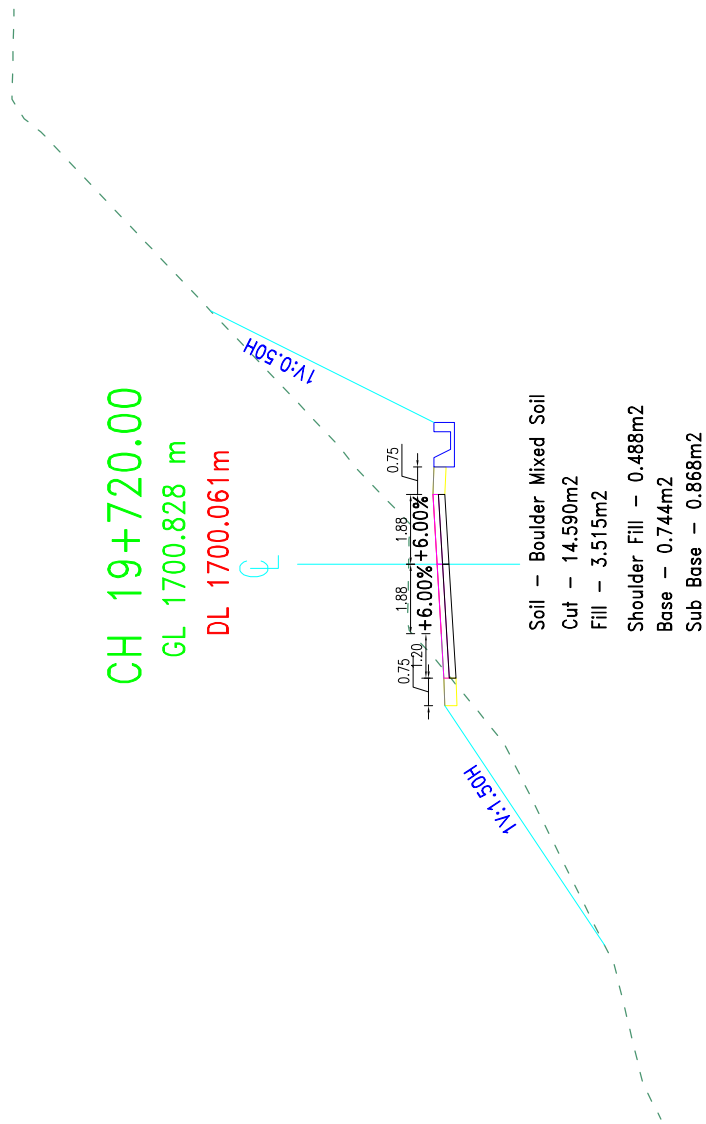
LEGENDS :		GENERAL NOTES :	
--- ---	CENTER LEVEL		GABION WALL
- - - -	GROUND LEVEL		MASONRY WALL
- - - -	DESIGN LEVEL		
	SIDE DRAIN		

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT HUMAN SETTLEMENT	 BEAM - CEMECA JV SANTAPA, LAUTNER	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN FOR THE PROJECT OF BIMPHEDI - DEKATE - JPA DEBIA - SUNNERI ROAD MAKMANPUR, NEPAL		NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	CROSS-SECTION CH 19+540.00-19+600.00
			DESIGNED BY :						
			CHECKED BY :						
			RECOMMENDED BY :						
			APPROVED BY :						
DATE: September, 2017									
DRWG NO.: 3									
SHEET No. : 6									

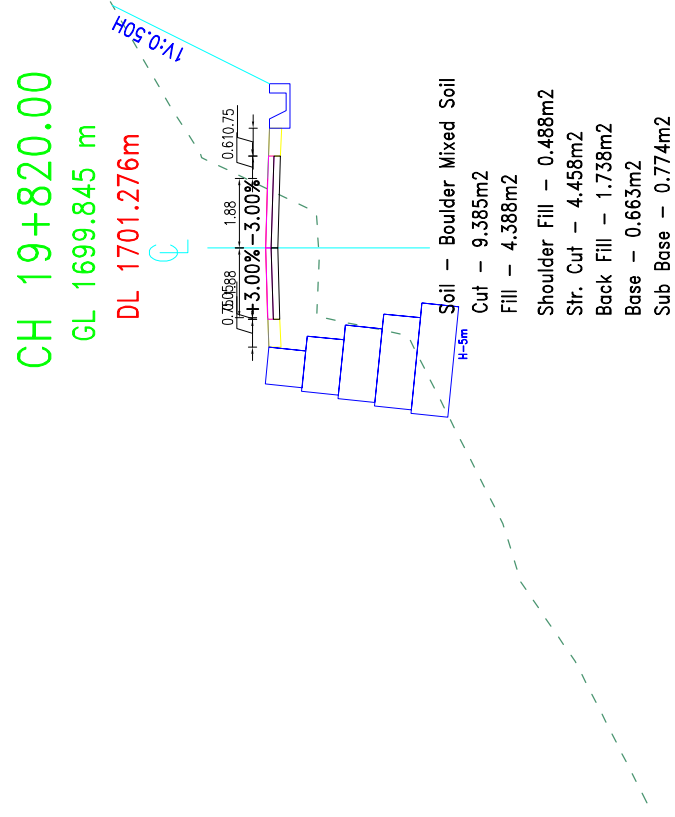
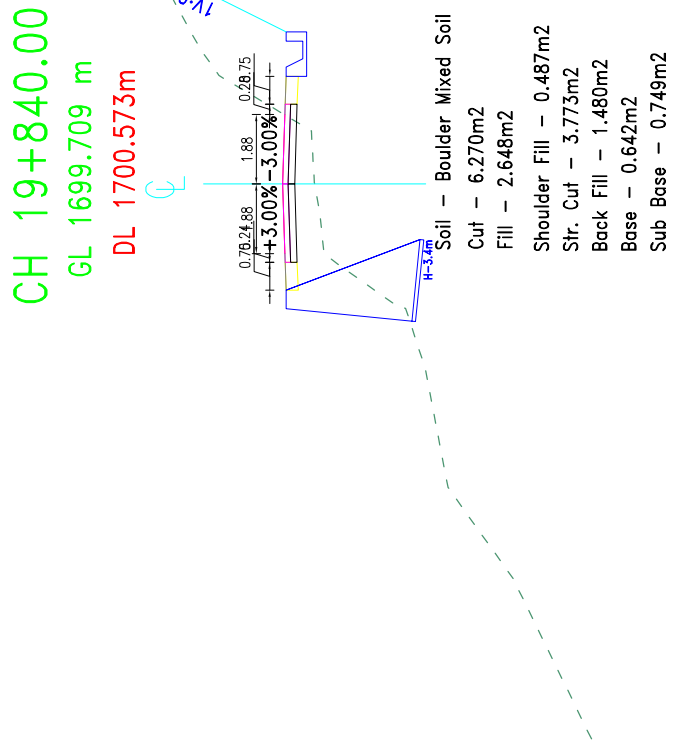
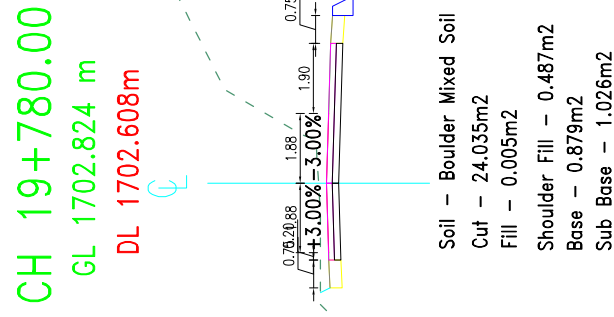
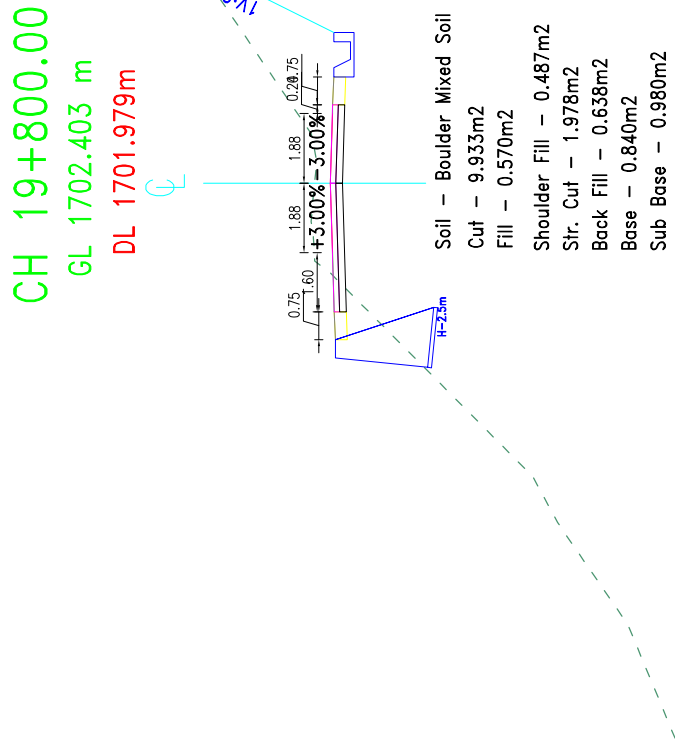


LEGENDS :		GENERAL NOTES :	
-----	CENTER LEVEL		GABION WALL
----	GROUND LEVEL		MASONRY WALL
----	DESIGN LEVEL		
----	SIDE DRAIN		

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT KATHMANDU EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU, NEPAL	CONSULTANT:  BEAM - CEMECA JV BEAM CONSULTANTS KATHMANDU, NEPAL	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, D/R PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN FOR THE PROJECT OF BHIMPHEDI - BOGATE - IPA DEURALI - SISRNI ROAD KATHMANDU, NEPAL	DESIGNED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	CROSS-SECTION CH 19+620.00 – 19+680.00	DATE: September, 2017	
			CHECKED BY :								DRAWNG NO.: 3
			RECOMMENDED BY :								
			APPROVED BY :								SHEET No.: 7

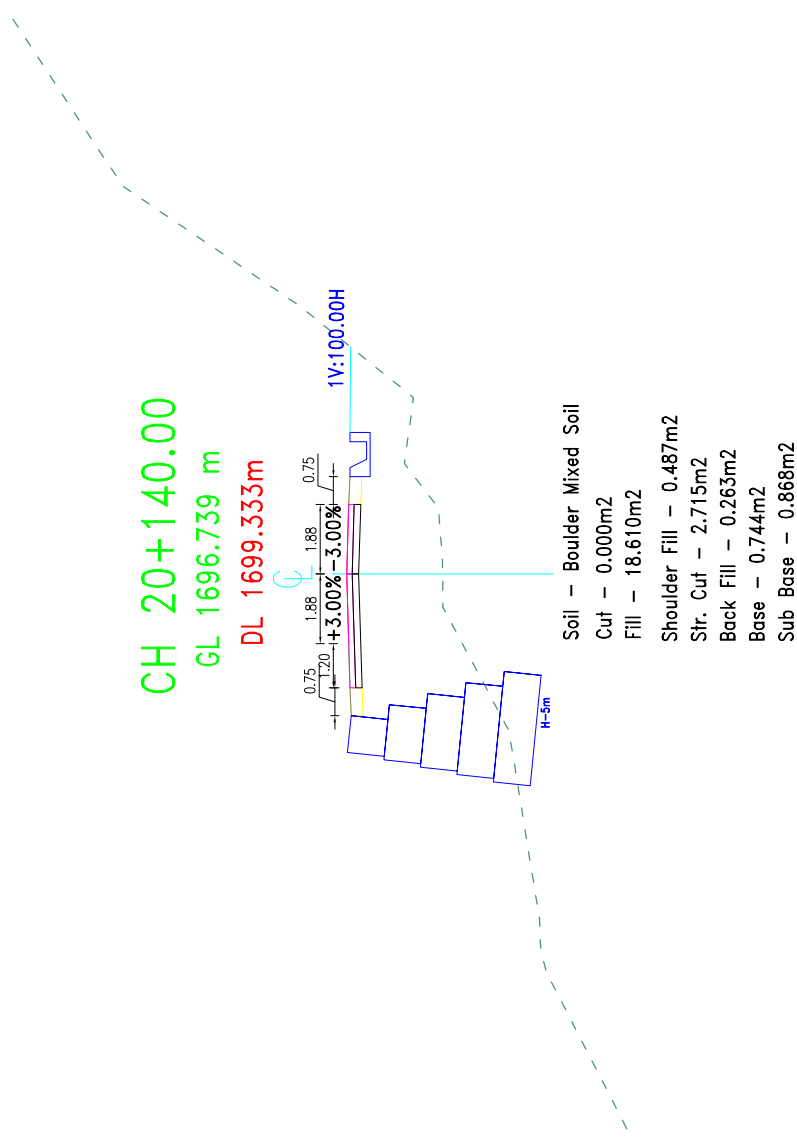
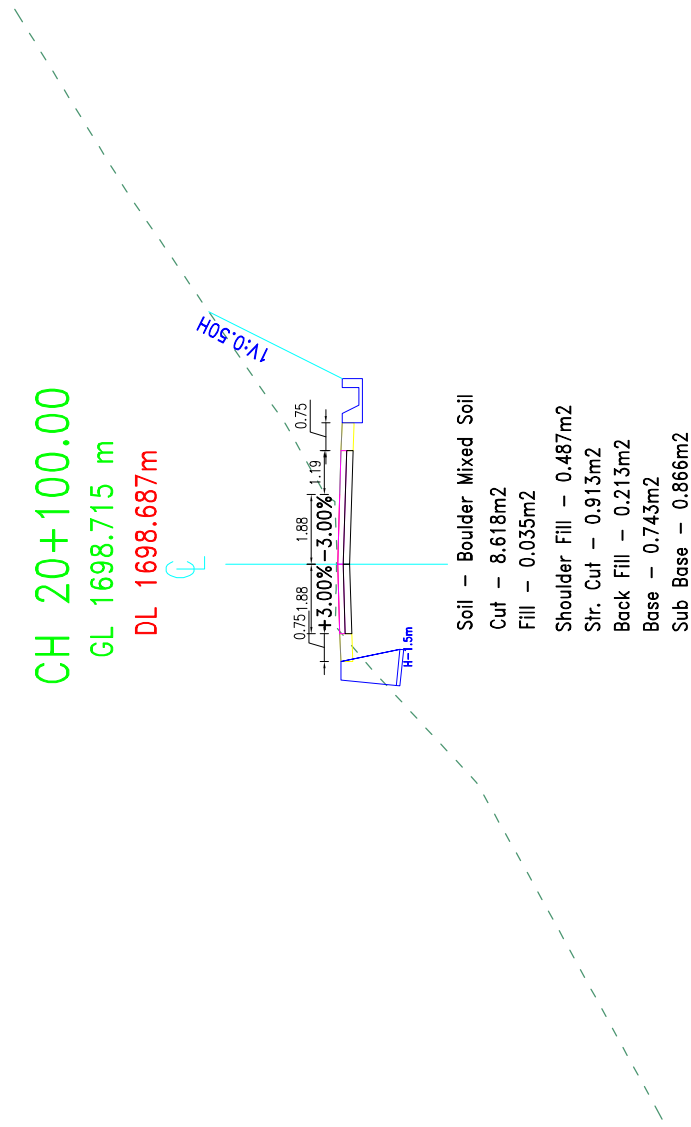
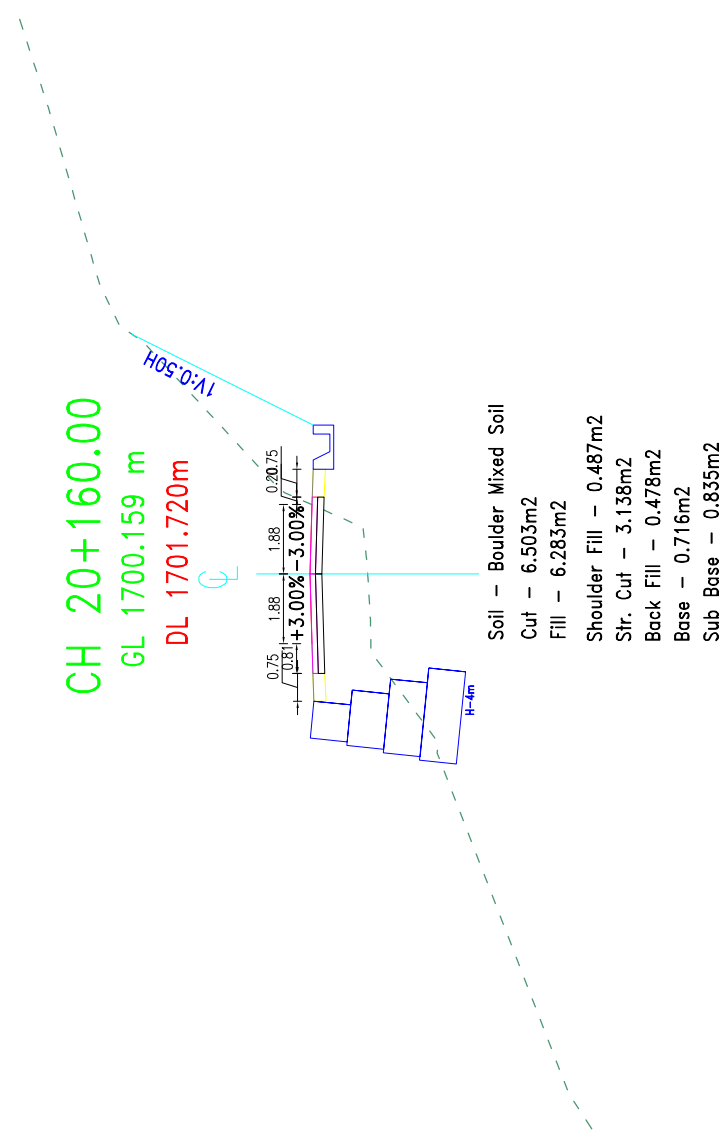
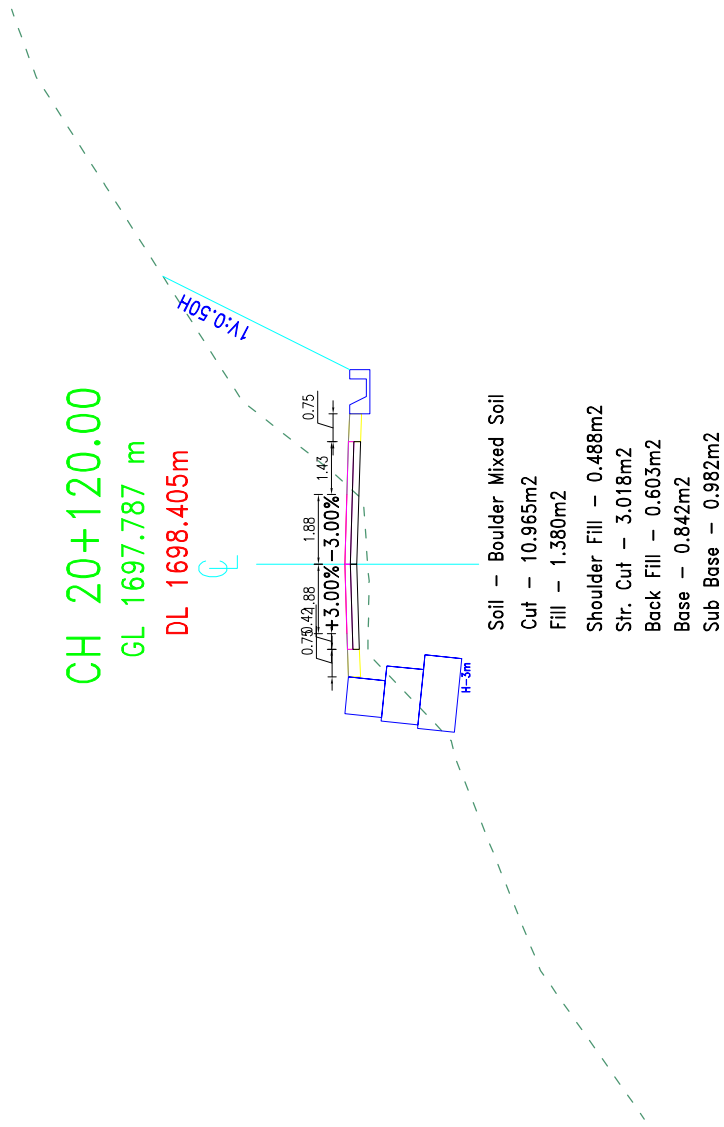


 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT (DONOR COLLABORATION)	 BEAM - CEMACA JV SANDEEP LAUTNER	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN FOR THE BEAM-CEMACA JOINT VENTURE PROJECT BHIPHEDI - DEGATE, IPA DEBRA - SUNSERI ROAD MAKWANPUR, NEPAL							SCALE	CROSS – SECTION	DATE: September, 2017
			NAME	DESIGNATION	SIGNATURE	DATE					
			DESIGNED BY :								
			CHECKED BY :								
			RECOMMENDED BY :								
			APPROVED BY :								
									1:200	CH 19+700.00–19+760.00	DRWG NO.: 3
											SHEET No. : 8



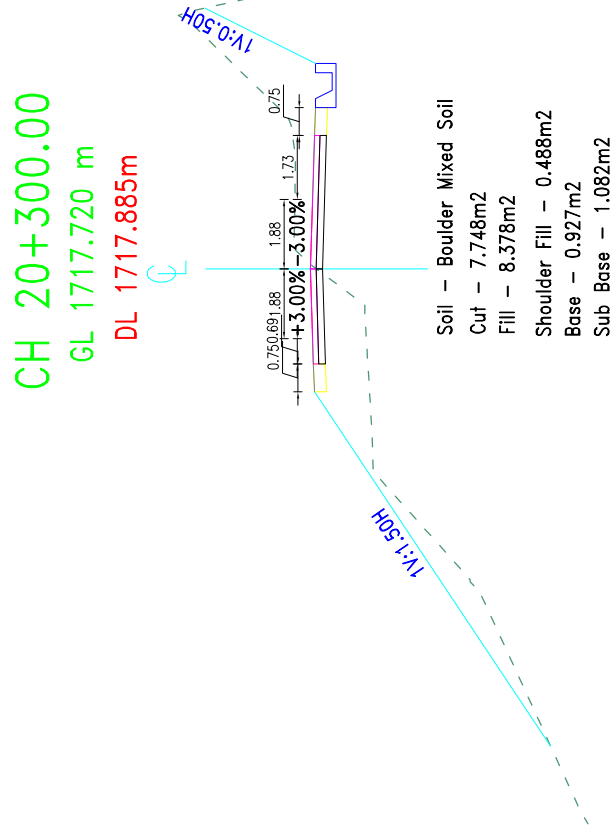
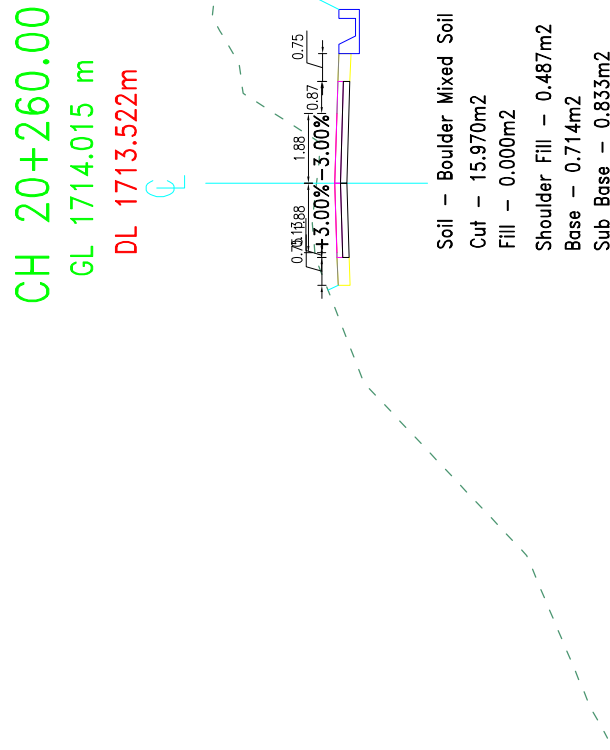
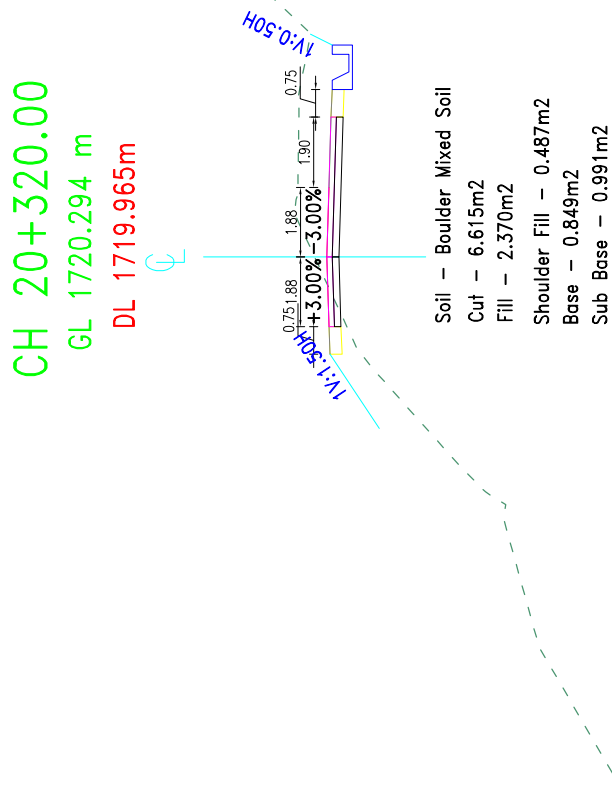
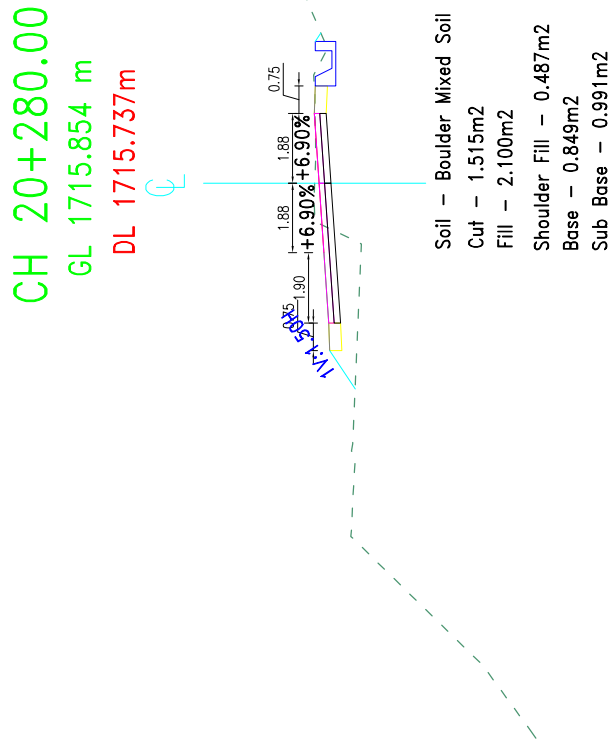
LEGENDS :		GENERAL NOTES :	
-----	CENTER LEVEL	☐	GABION WALL
----	GROUND LEVEL		MASONRY WALL
----	DESIGN LEVEL		
----	SIDE DRAIN		

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SAWAKOLLAUTHOR	CONSULTANT:  BEAM - CEMECA JV SAWAKOLLAUTHOR	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, D/R PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN FOR THE PROJECT OF BHIMPHEDI - BOGATE - IPA DEURALI - SINSERI ROAD MAKAWAPUR, NEPAL	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	CROSS-SECTION CH 19+780.00-19+840.00	DATE: September, 2017
			DESIGNED BY :						DRWG NO.: 3
			CHECKED BY :						
			RECOMMENDED BY :						
			APPROVED BY :						SHEET No. : 9

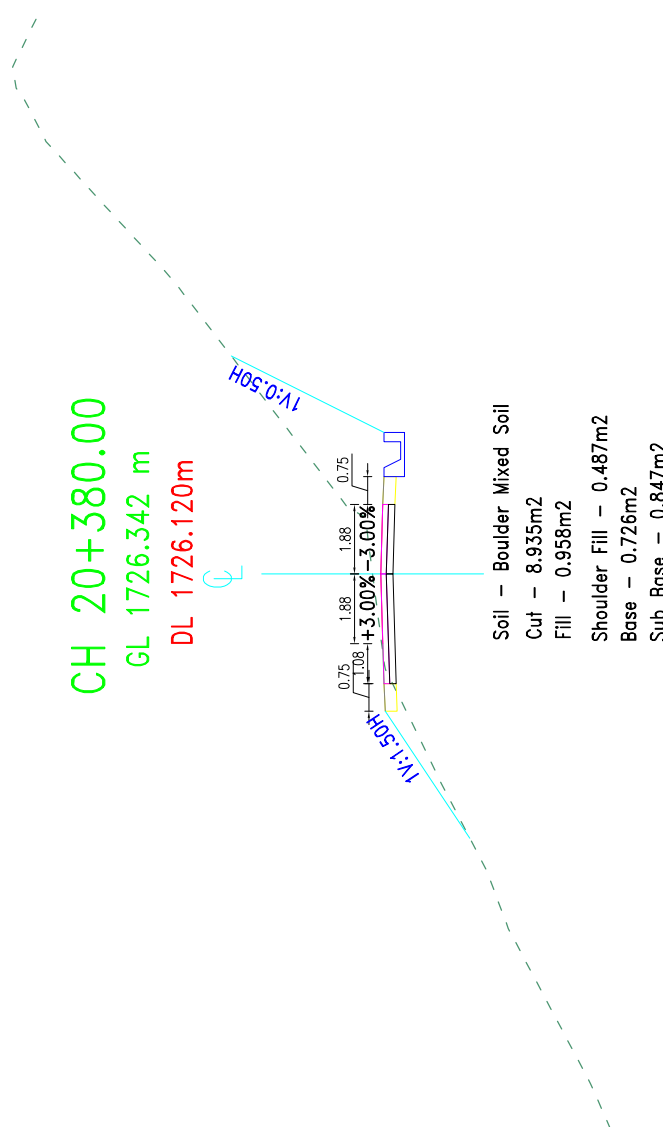
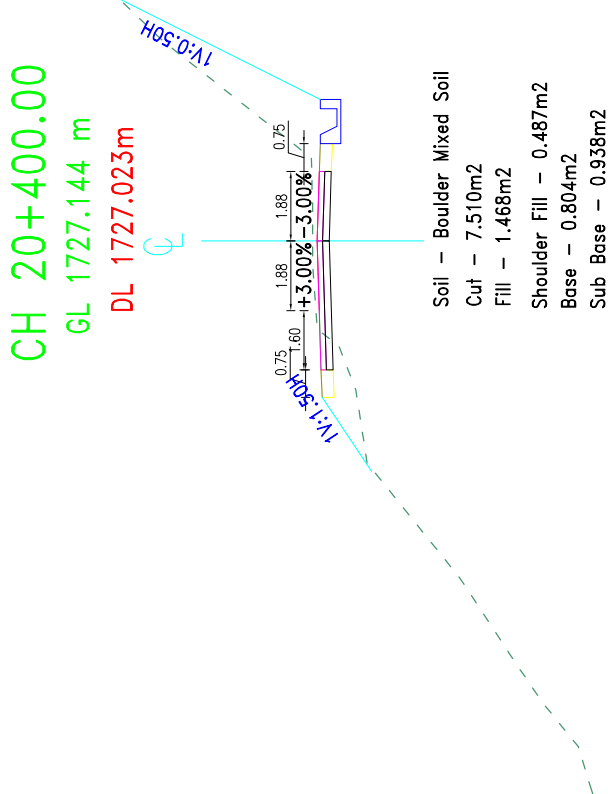
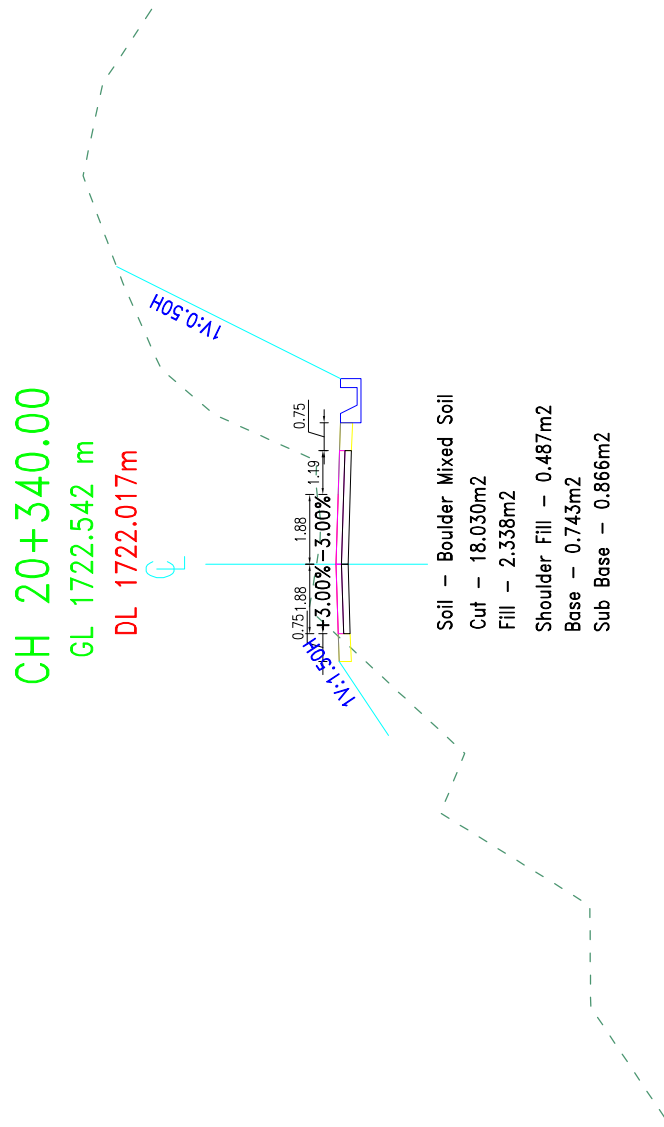
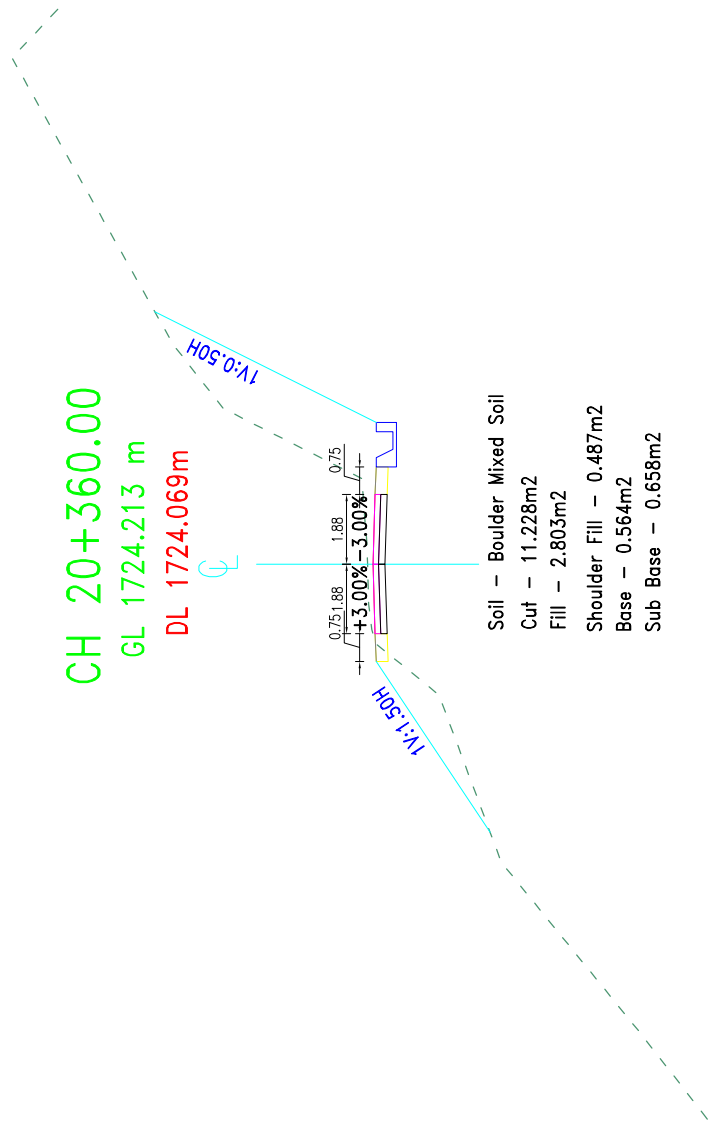


LEGENDS :		GENERAL NOTES :	
—	CENTER LEVEL		GABION WALL
- - -	GROUND LEVEL		MASONRY WALL
- · - · -	DESIGN LEVEL		
—	SIDE DRAIN		

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SUPANDELLA LAMJHRE	CONSULTANT:  BEAM - CEMECA JV SANDEP LAUTNER	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, D/R PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN FOR THE BEAM-CEMECA EARTHQUAKE EMERGENCY ASSISTANCE PROJECT BHIMPHEDI - BOKATE - IPA DEURALI - SINSERI ROAD MAKWANPUR, NEPAL		NAME	DESIGNATION	SIGNATURE	DATE	SCALE	CROSS-SECTION	DATE: September, 2017
										DRWG NO.: 3
										SHEET No.: 13
										1:200
										CH 20+100.00--20+160.00

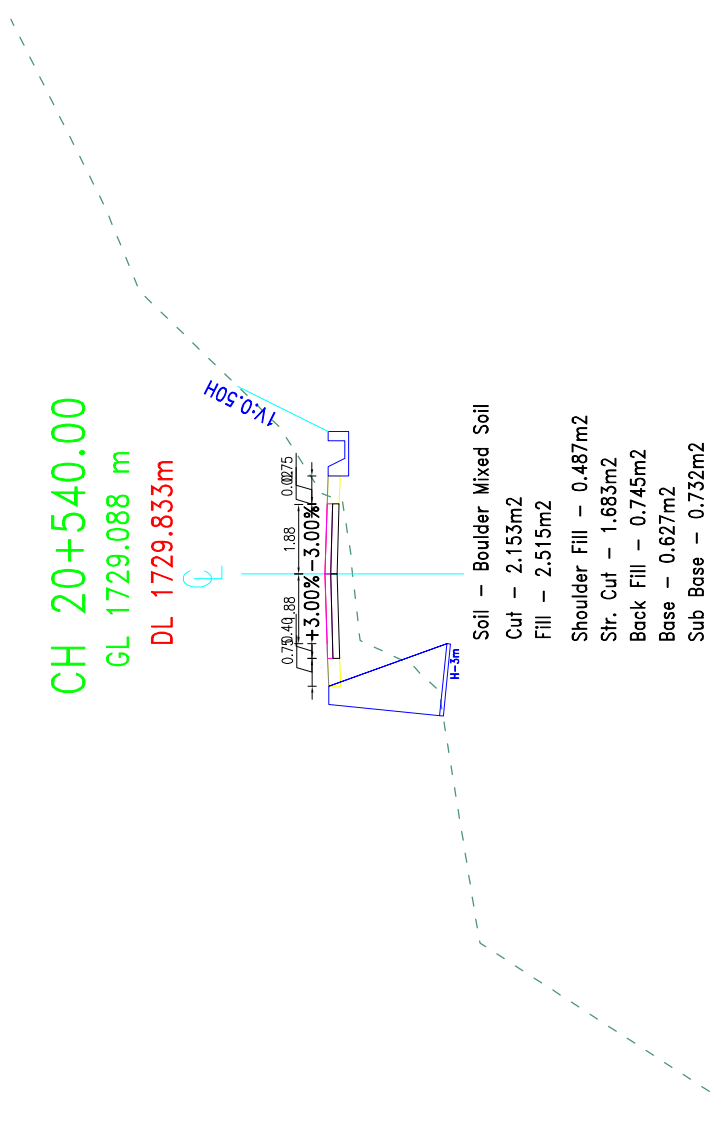
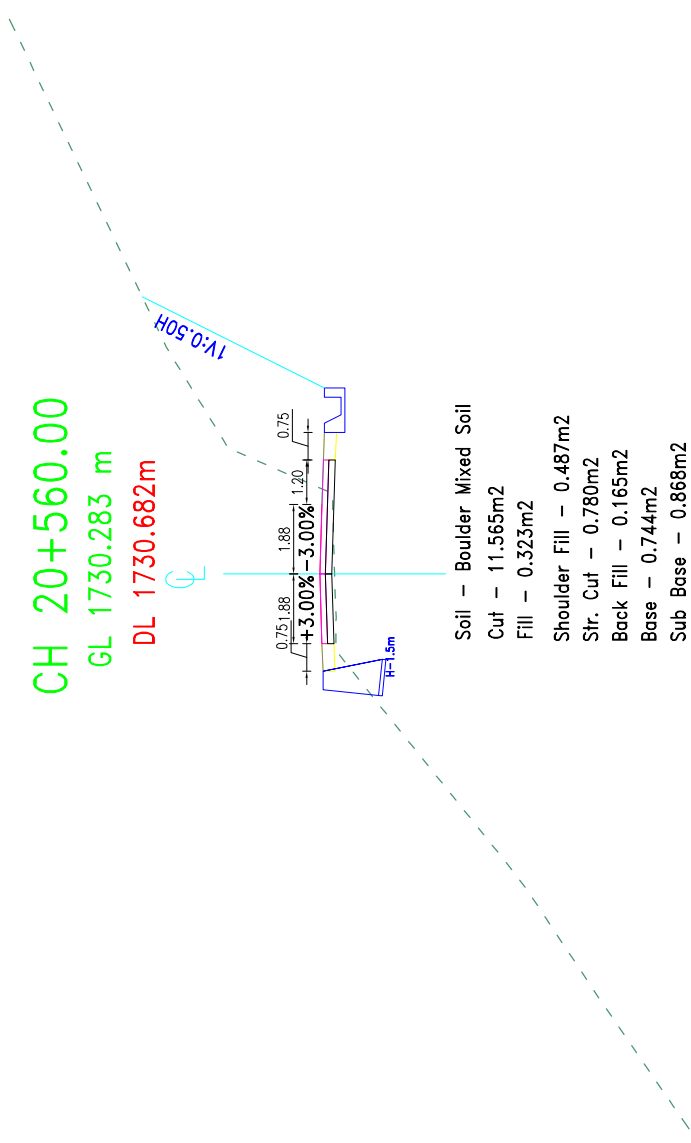
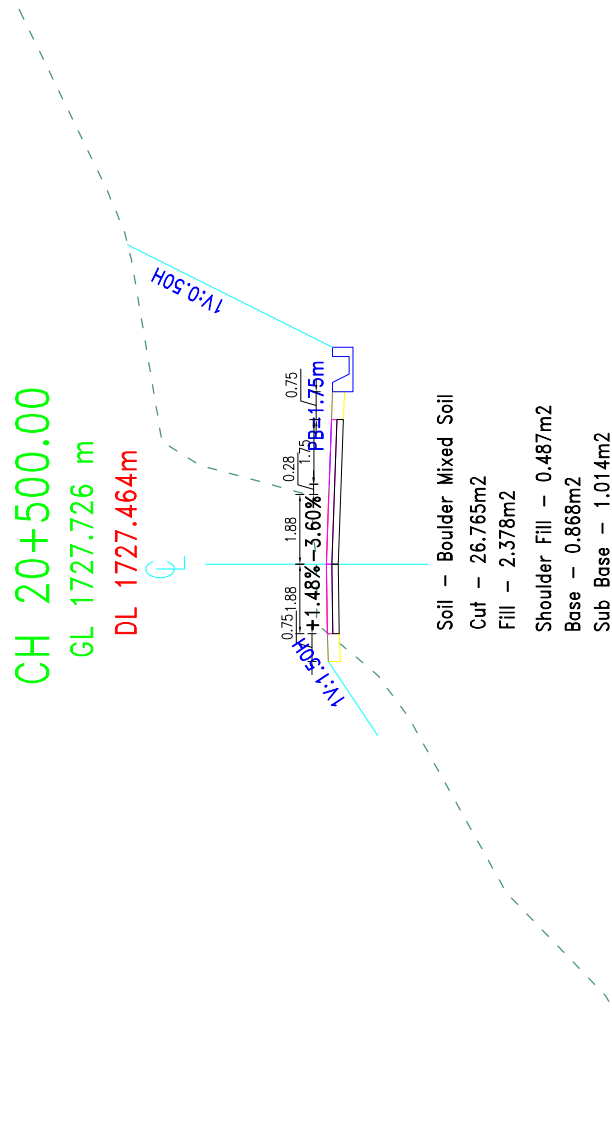
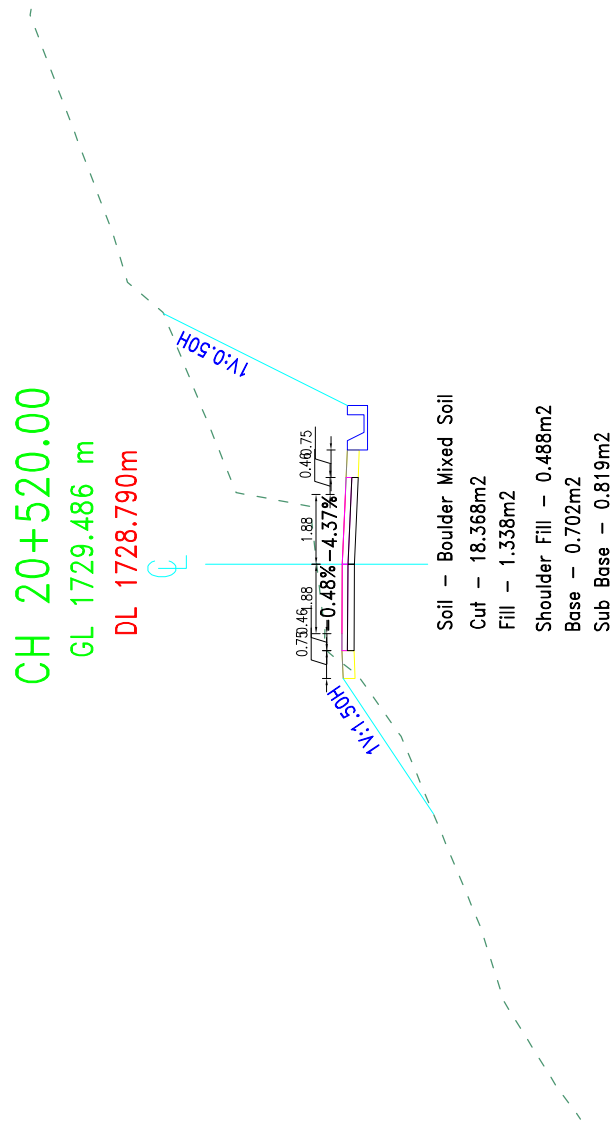


 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT UNEP/UNEP/UNEP	 BEAM - CEMECA JV SANJEEV LALITRA	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN FOR CONCESSIONED ROAD ALONG WITH PLANNING OF BHMIPHEDE - DUGATE - JHA DEHUR - S-SINERH ROAD MAKWAHUR, NEPAL					SCALE 1:200	CROSS-SECTION CH 20+250.00-20+300.00	DATE: September, 2017
									DRWG NO.: 3
									SHEET No. : 15
			NAME	DESIGNATION	SIGNATURE	DATE			
			DESIGNED BY :						
			CHECKED BY :						
			RECOMMENDED BY :						
			APPROVED BY :						



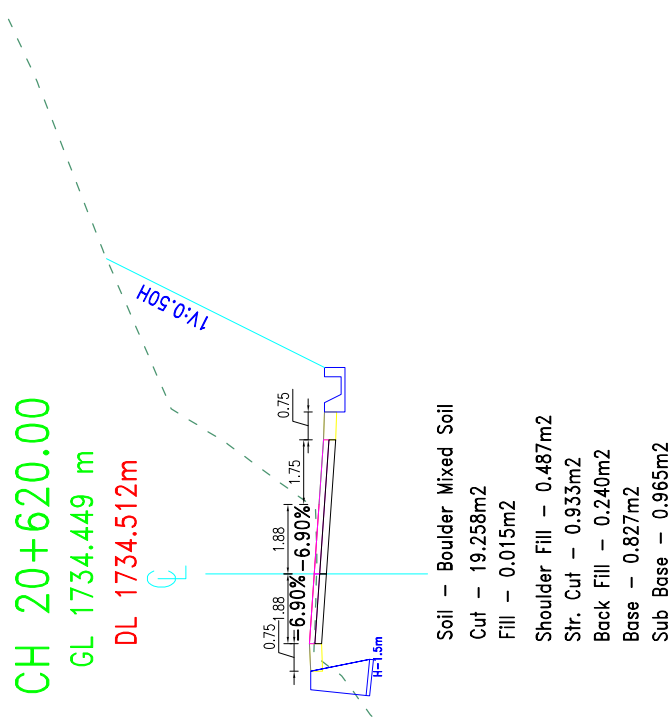
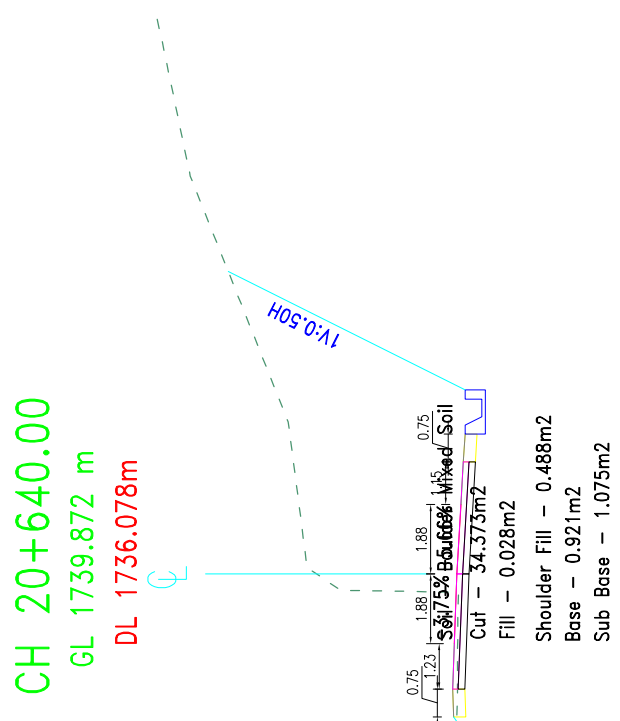
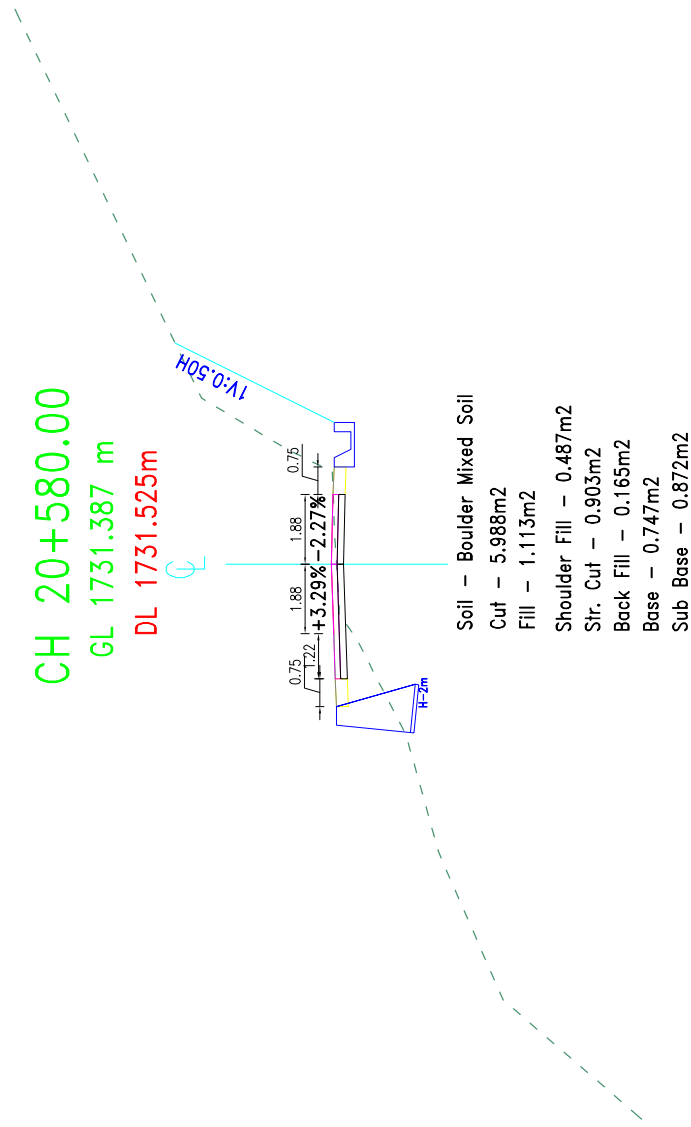
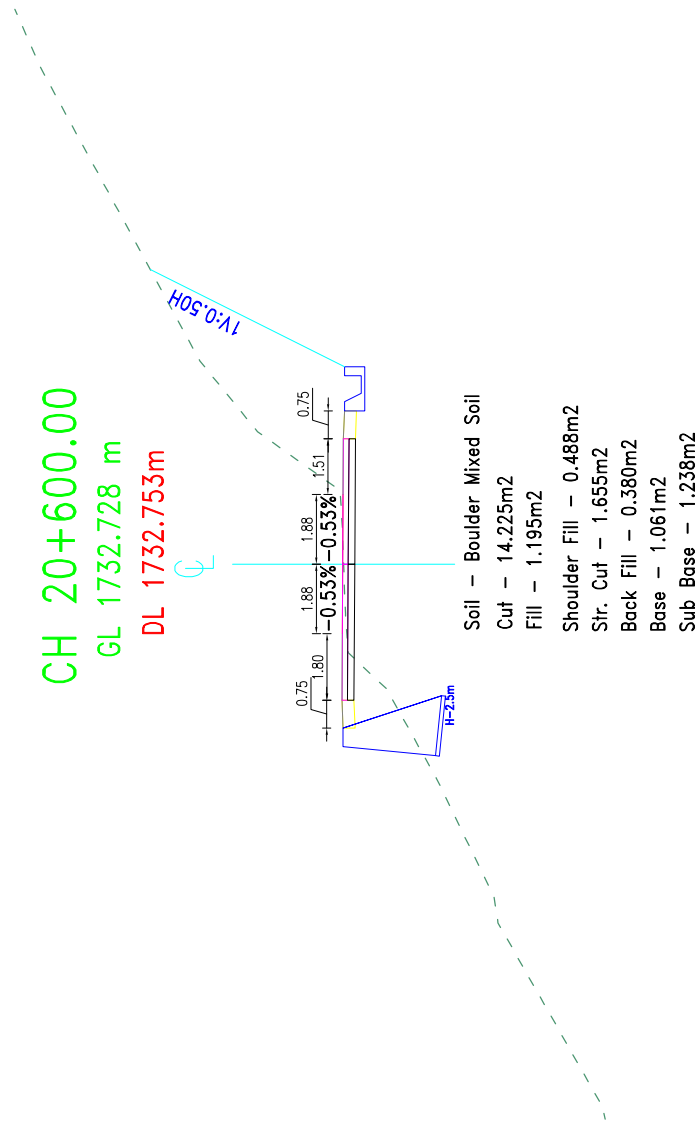
LEGENDS : CENTER LEVEL  GROUND LEVEL  DESIGN LEVEL  SIDE DRAIN  GABION WALL  MASONRY WALL 	GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN MIC. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.
--	---

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT NON-RECURRING	CONSULTANT:  BEAM - CEMECA JV SANJEEV LAUTNER	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEF STUDY AND GSI PLAN OF BHIMPHEDI - BOGAJOURA ROAD - SISRNER ROAD MANANGPUR, NEPAL					SCALE	CROSS – SECTION	DATE: September, 2017	
			DESIGNED BY : 						DRAWG NO.: 3	
			CHECKED BY : 							
			RECOMMENDED BY : 							
			APPROVED BY : 						SHEET No.: 16	
								1:200	CH 20+390.00 – 20+200.00	



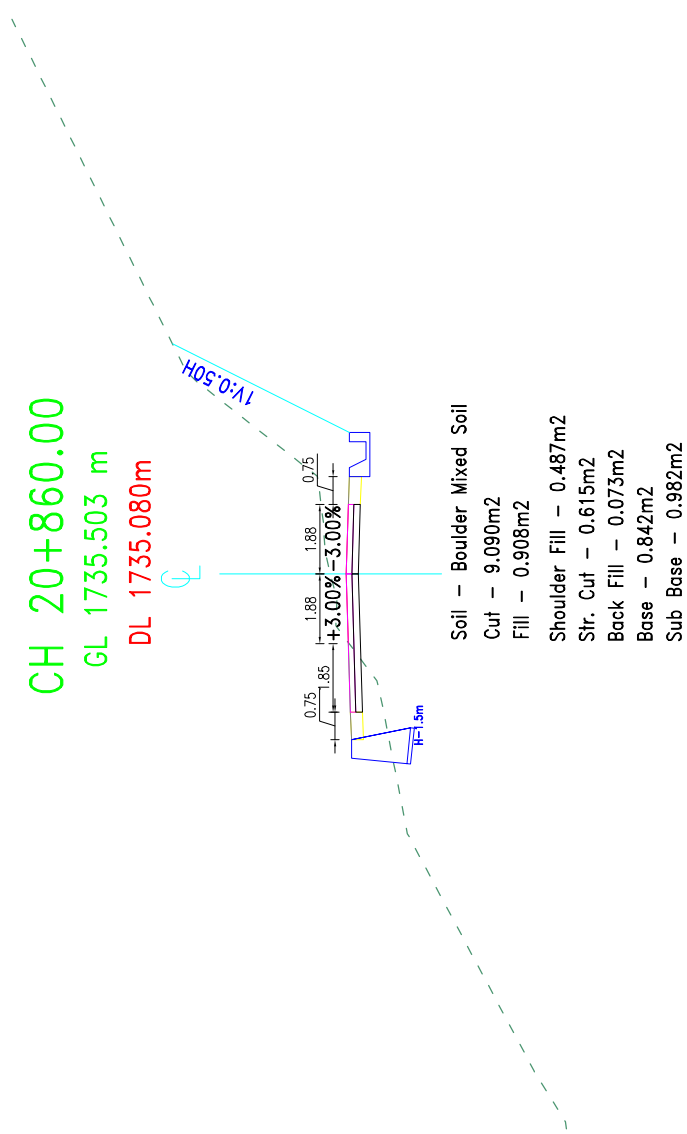
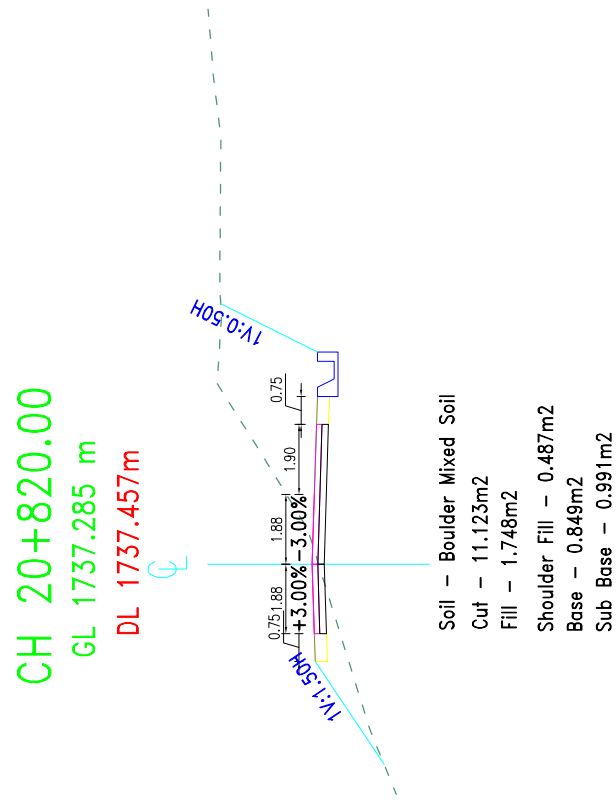
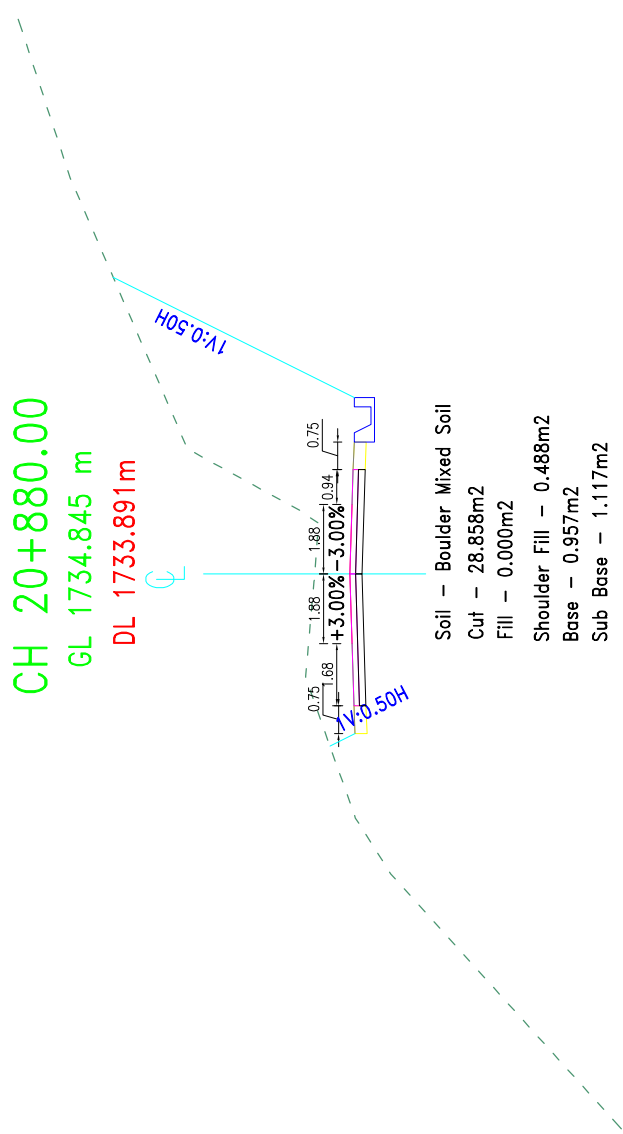
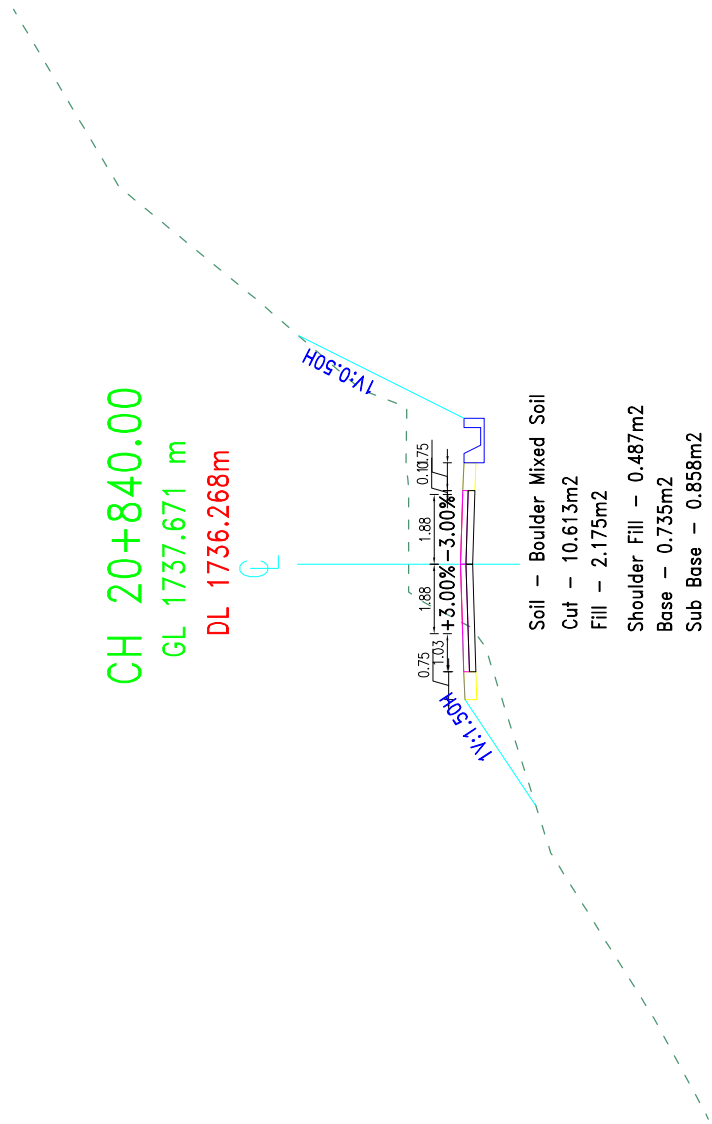
LEGENDS :		GENERAL NOTES :	
-----	CENTER LEVEL		GABION WALL
----	GROUND LEVEL		MASONRY WALL
----	DESIGN LEVEL		
----	SIDE DRAIN		

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT KATHMANDU EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU	CONSULTANT:  BEAM - CEMECA JV KATHMANDU	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DIR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN FOR THE PROJECT OF BHIMPHEDI - BOGATE - IPA DEURALI - SINSERI ROAD MAKWANPUR, NEPAL	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	CROSS-SECTION	DATE: September, 2017
			DESIGNED BY :						DRWG NO.: 3
			CHECKED BY :						
			RECOMMENDED BY :						
			APPROVED BY :						SHEET No. : 18
CH 29+550.00-29+560.00									



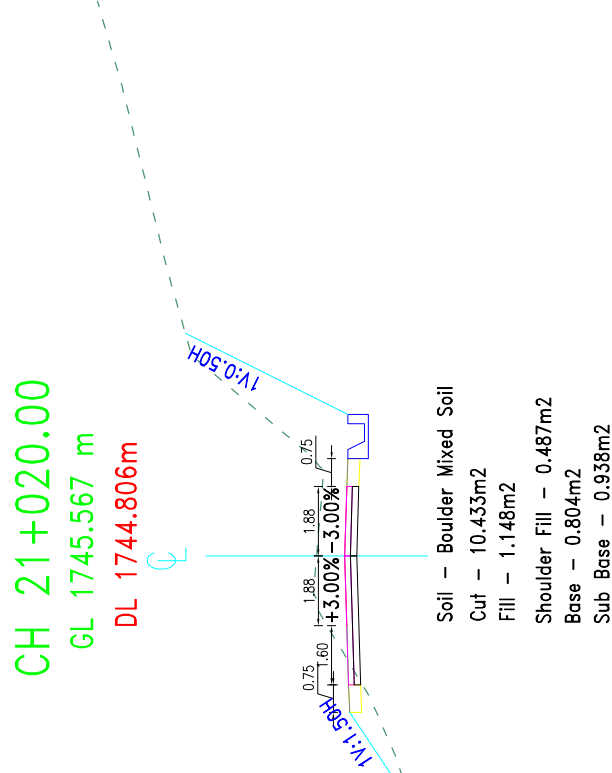
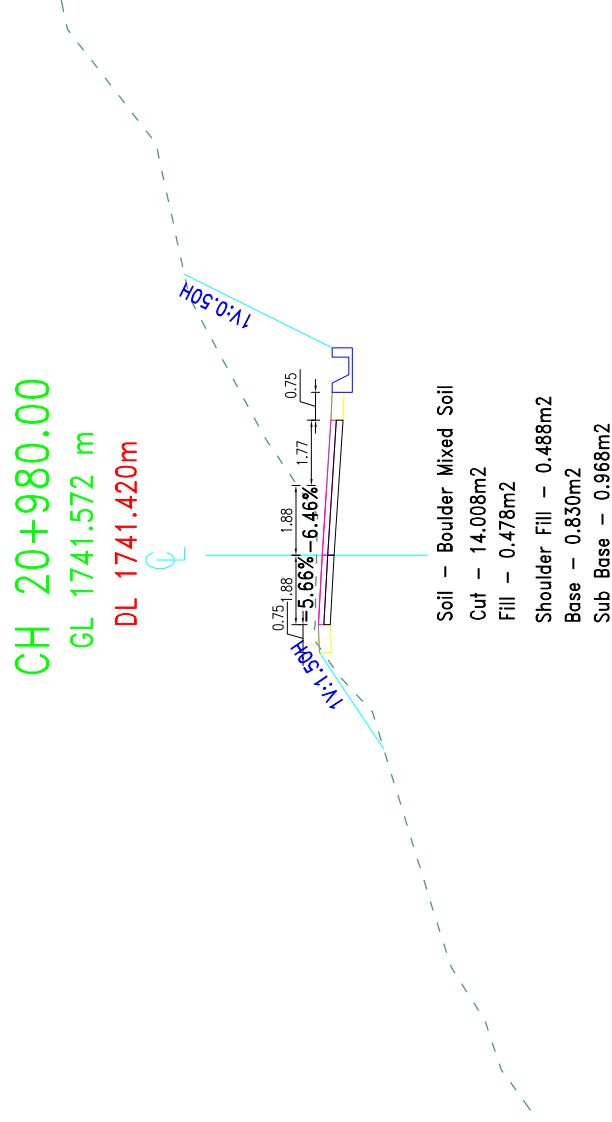
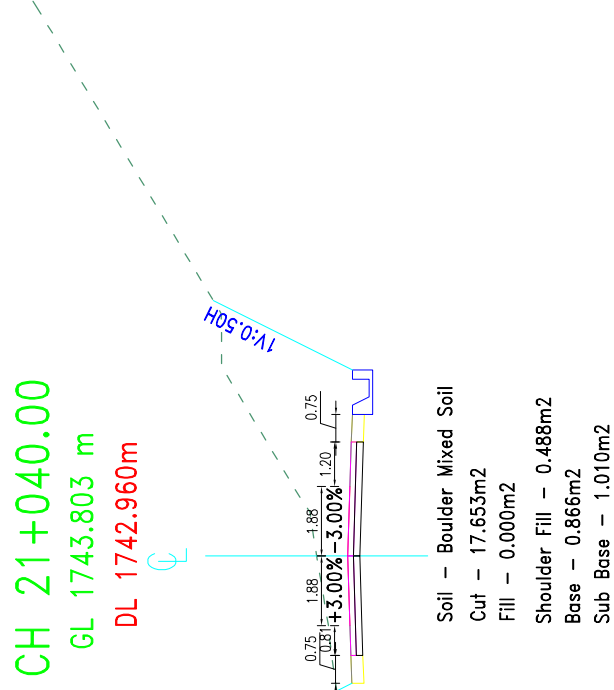
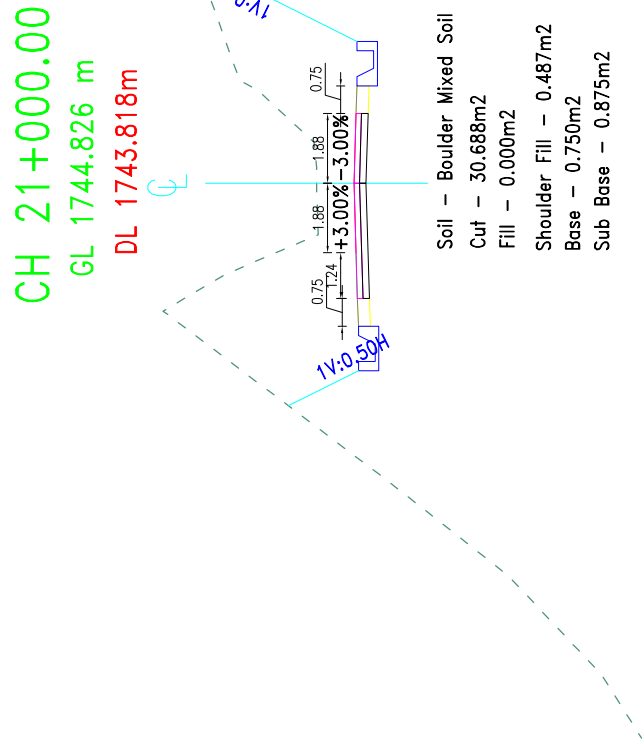
LEGENDS :		GENERAL NOTES :
—	CENTER LEVEL	1. ALL THE DIMENSIONS ARE IN MTR. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.
- - -	GROUND LEVEL	
—	DESIGN LEVEL	
—	SIDE DRAIN	
	 GABION WALL  MASONRY WALL	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT KATHMANDU EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU	CONSULTANT:  BEAM - CEMECA JV BEAM CONSULTANTS SANGRA LAL THAKUR	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DIR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN FOR THE PROJECT OF BHIMPHEDI - BOGATE - IPA DEURALI - SINSERI ROAD MAKWANPUR, NEPAL	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	CROSS-SECTION CH 29+550.00-29+600.00	DATE: September, 2017
			DESIGNED BY :						DRWG NO.: 3
			CHECKED BY :						
			RECOMMENDED BY :						
			APPROVED BY :						SHEET No. : 19



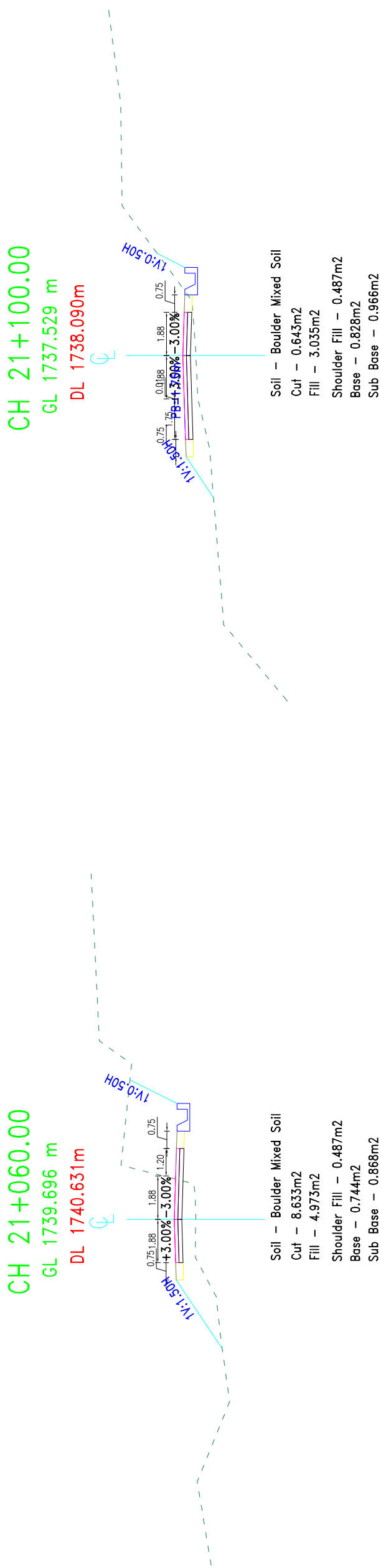
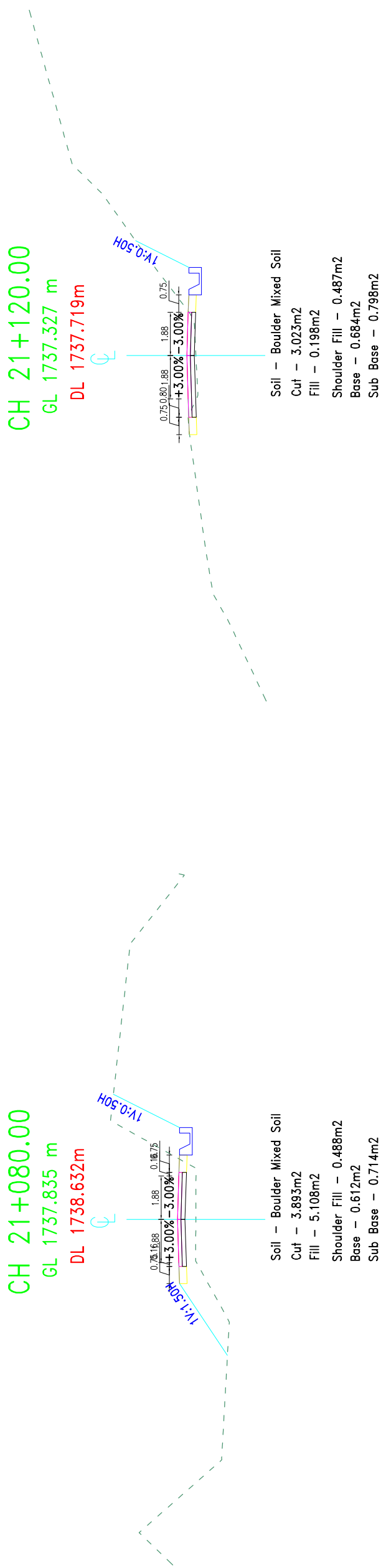
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT HUMAN SETTLEMENT	 BEAM - CEMECA JV SANDEPA, LAJUTHAR	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN FOR THE PROJECT OF BIMPHREDI - DEKATE - JPA DEBUBA - SUNNERI ROAD MAKMANPUR, NEPAL		NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	CROSS-SECTION CH 20+830.00-20+880.00
			DESIGNED BY :						
			CHECKED BY :						
			RECOMMENDED BY :						
			APPROVED BY :						
DATE: September, 2017									
DRWG NO.: 3									
SHEET No. : 22									

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

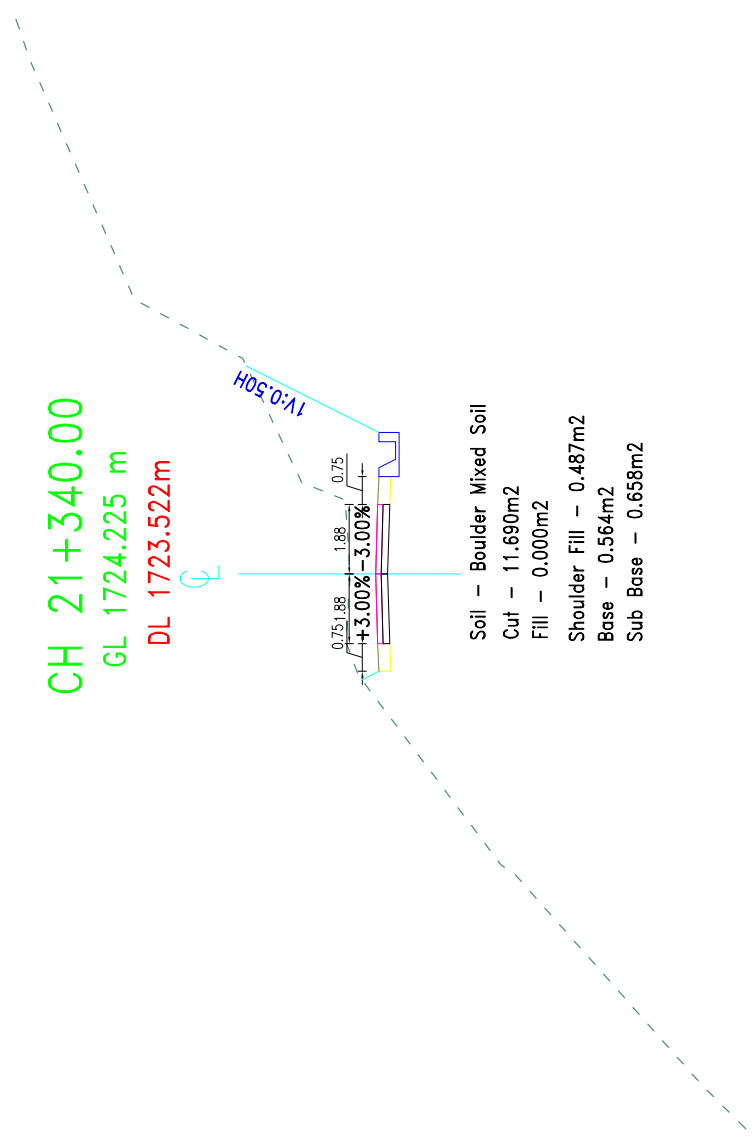
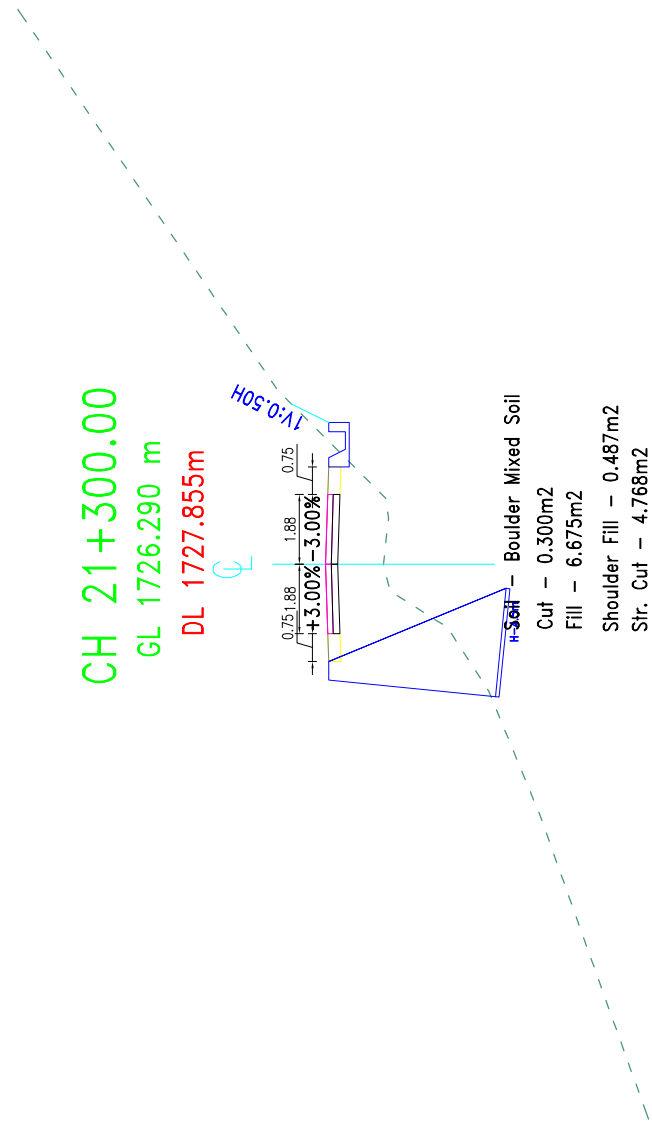
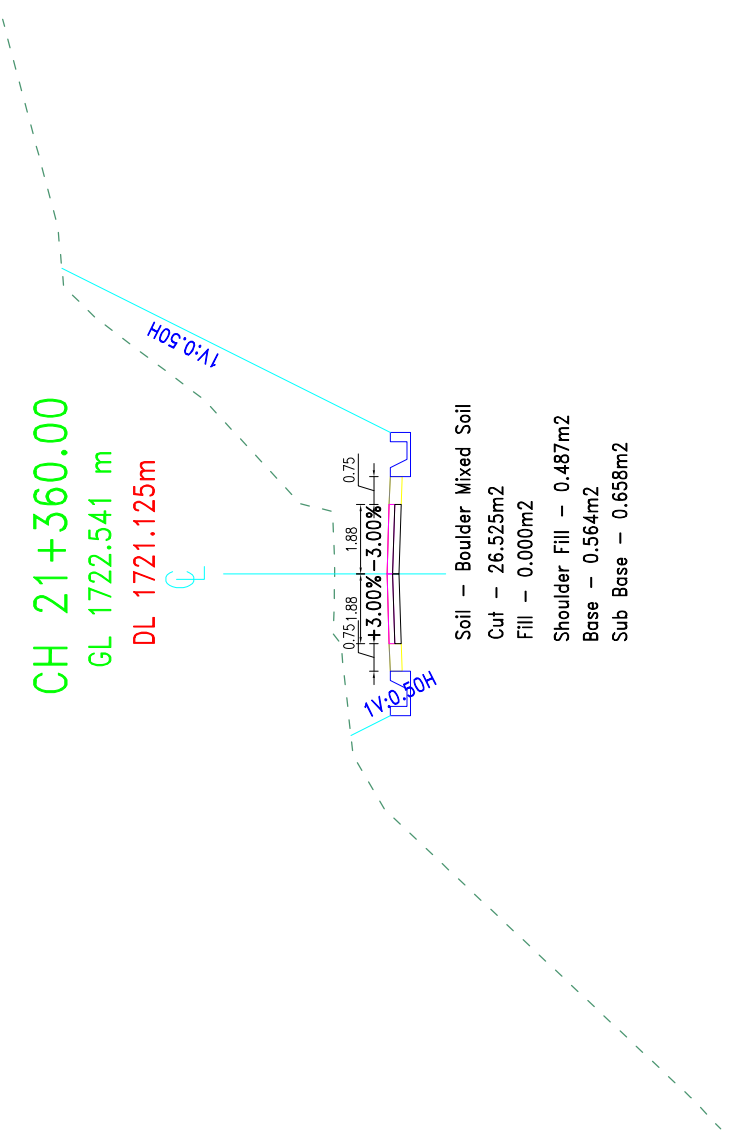
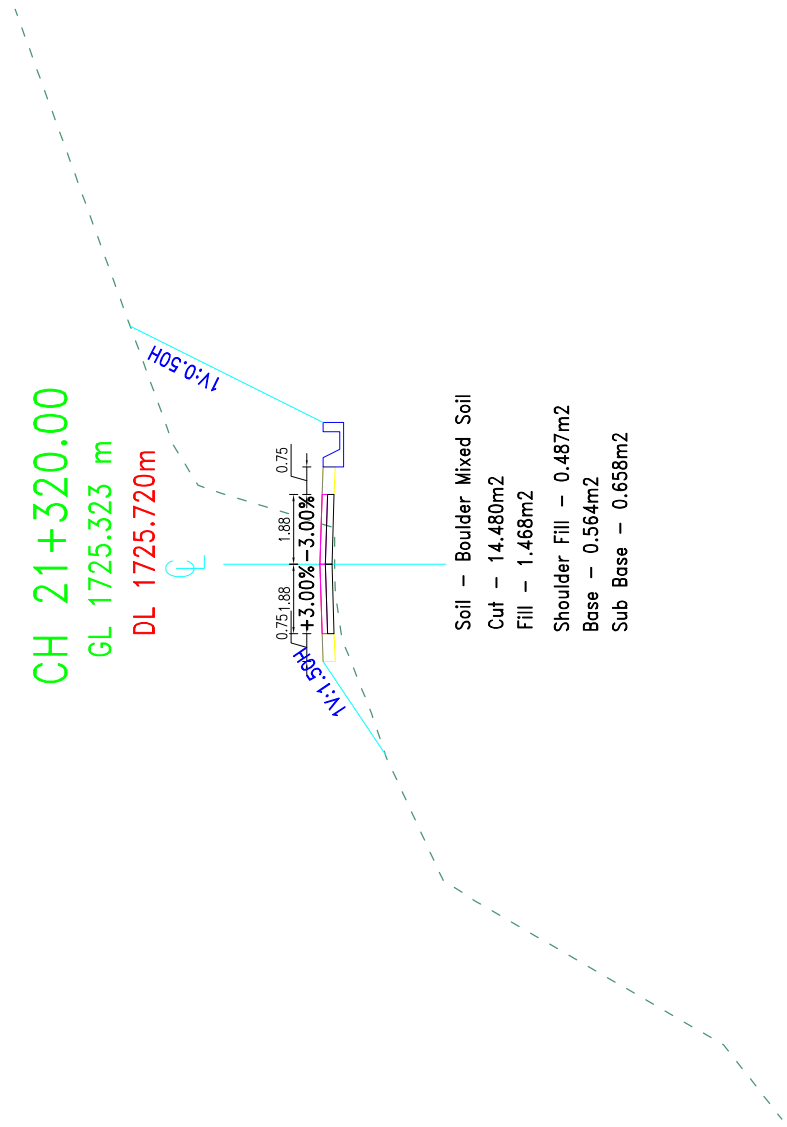


 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATUNDOLLAJUITAR	 BEAM - CEMECA JV SANJIV LAUTNER	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DIR PREPARATION OF COST ESTIMATE, RESETTLEMENT PLAN AND ENVIRONMENTAL IMPACT ASSESSMENT FOR THE BHIPHEDI - BOGATE - IPA DEURALI - SISNEHI ROAD MAKWANPUR, NEPAL	NAME	DESIGNATION	SIGNATURE	DATE	SCALE	CROSS-SECTION	DATE: September, 2017
									DRWG NO.: 3
							1:200	CH 20+980.00-29+000.00	SHEET No. : 24

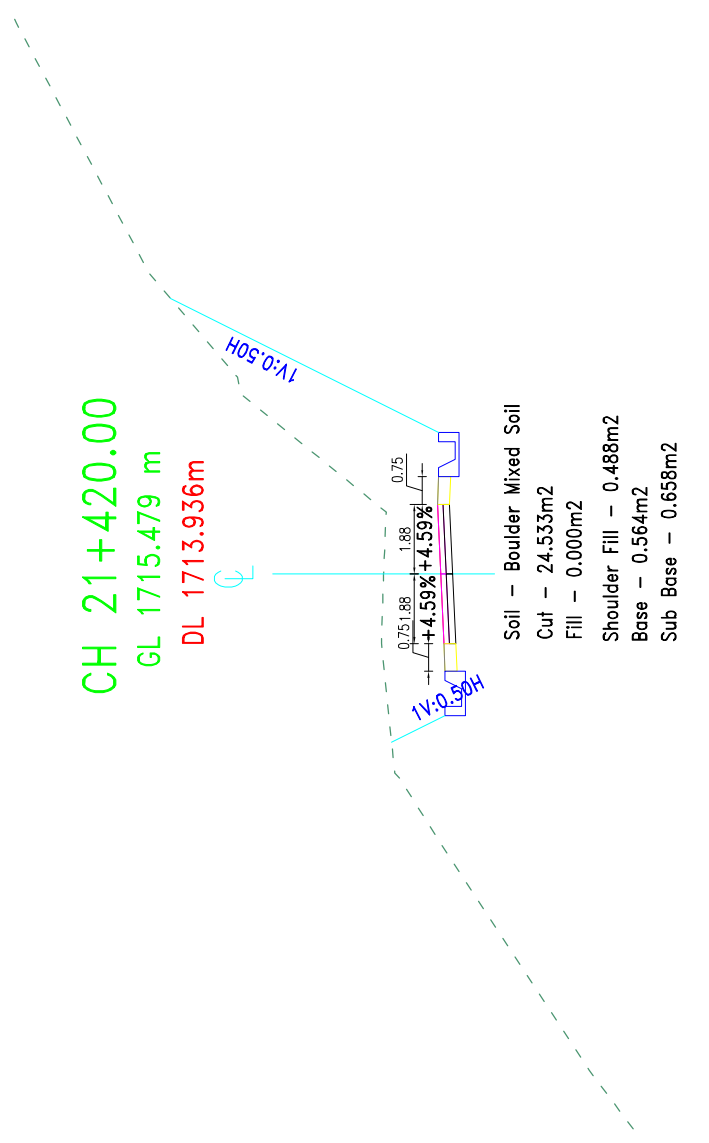
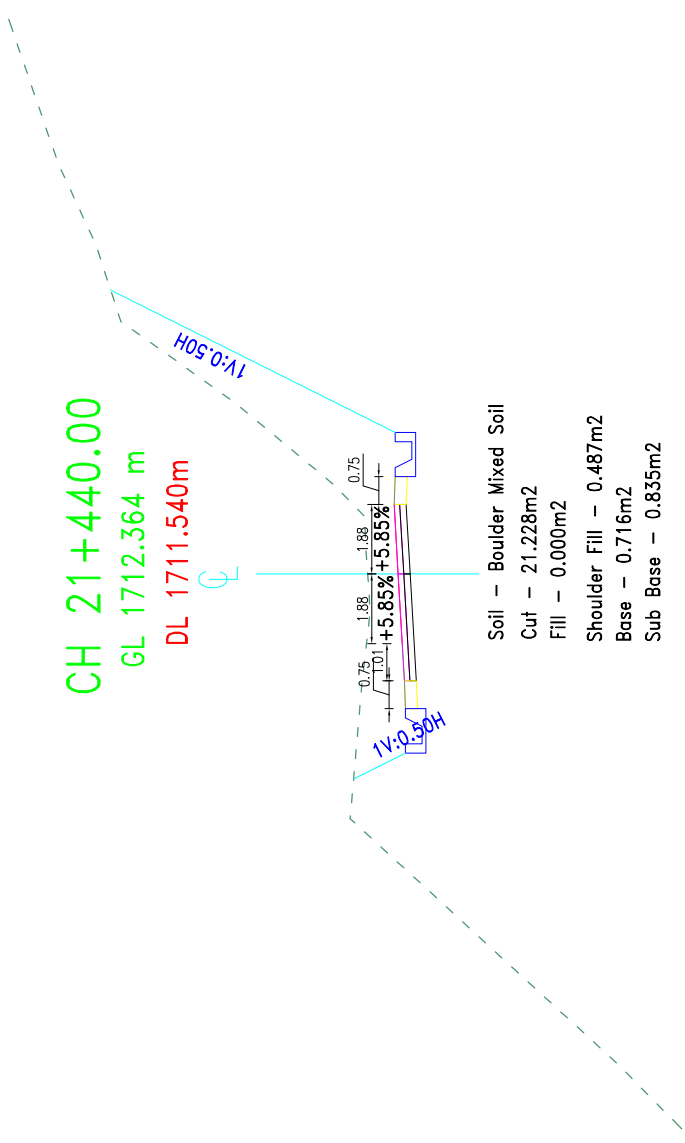
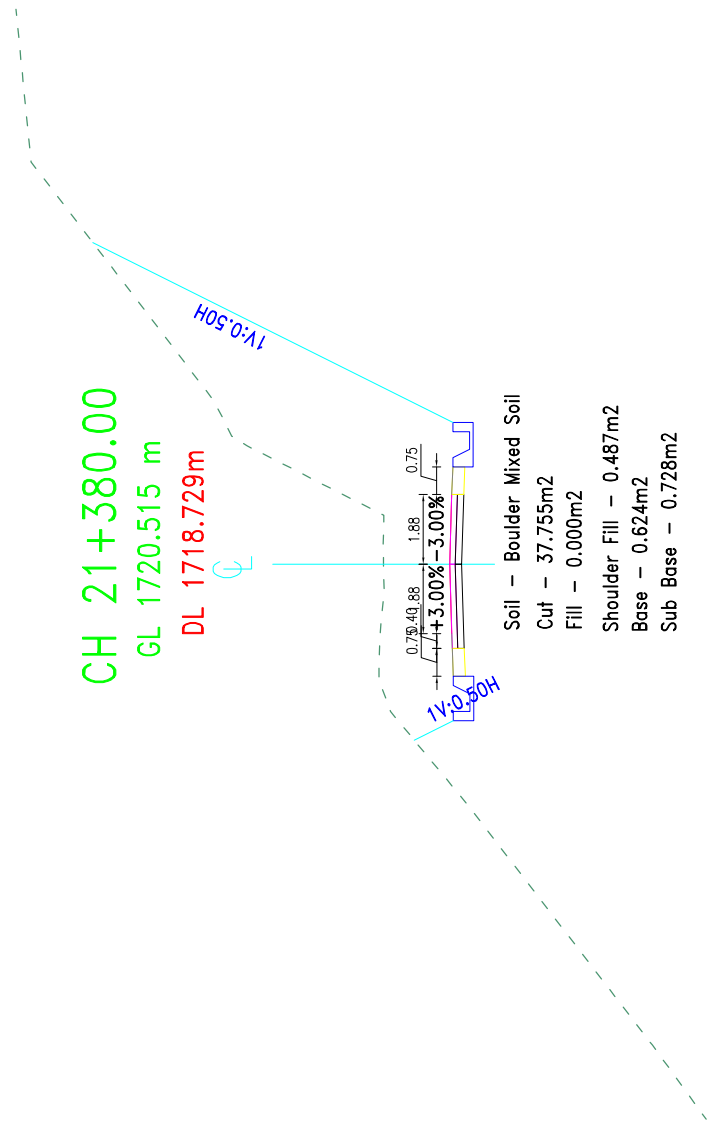
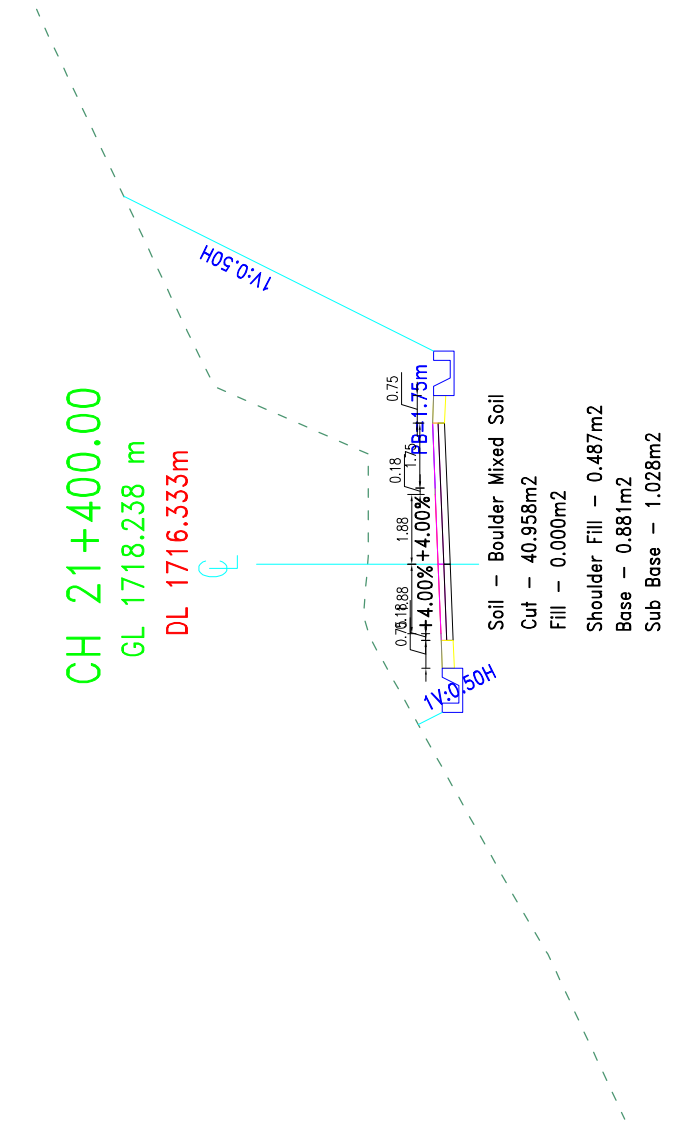
LEGENDS :		GENERAL NOTES :	
—	CENTER LEVEL		GABION WALL
- - -	GROUND LEVEL		MASONRY WALL
- - -	DESIGN LEVEL		
	SIDE DRAIN		



 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT REPORT DOCUMENT AUTHOR	CONSULTANT:  BEAM - CEMCA JV BEAM, LAJIPUR	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATIONS & COST ESTIMATE, RESIDENTIAL PLAN FOR THE PROJECT OF BEAM - CEMCA JV BHIPHEDI - BOGATE - IPA DEURALI - SISRNI ROAD MAKWANPUR, NEPAL	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	CROSS-SECTION CH 29+050.00-29+200.00	DATE: September, 2017
									DRWG NO.: 3
									SHEET No.: 25

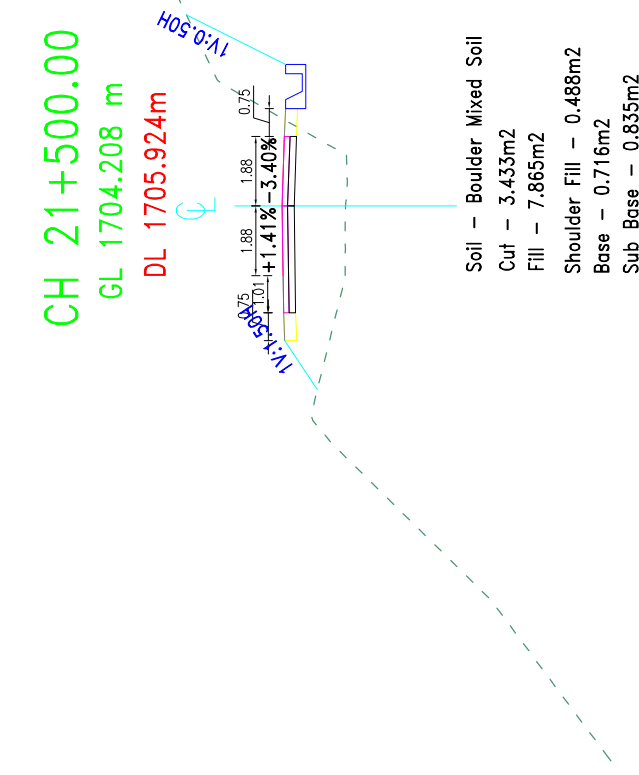
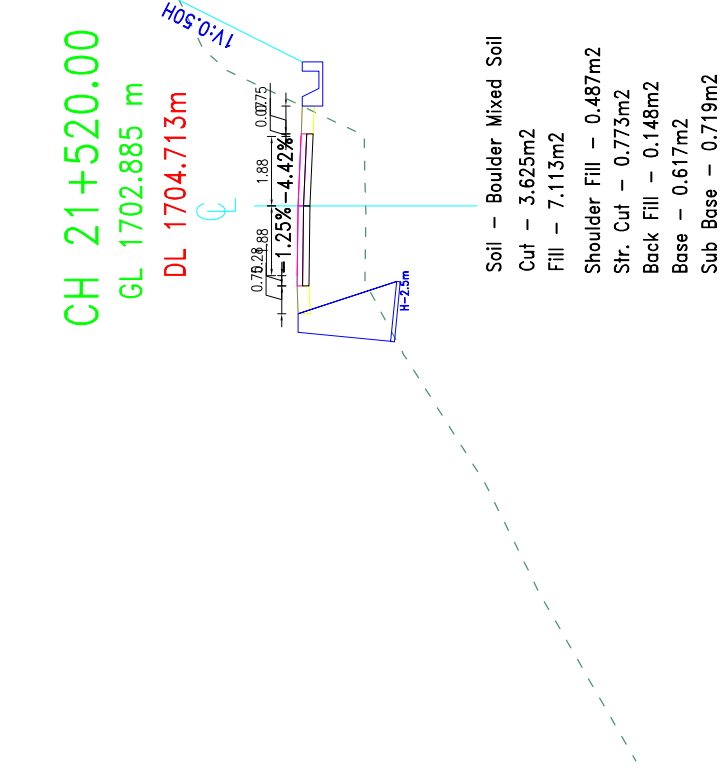
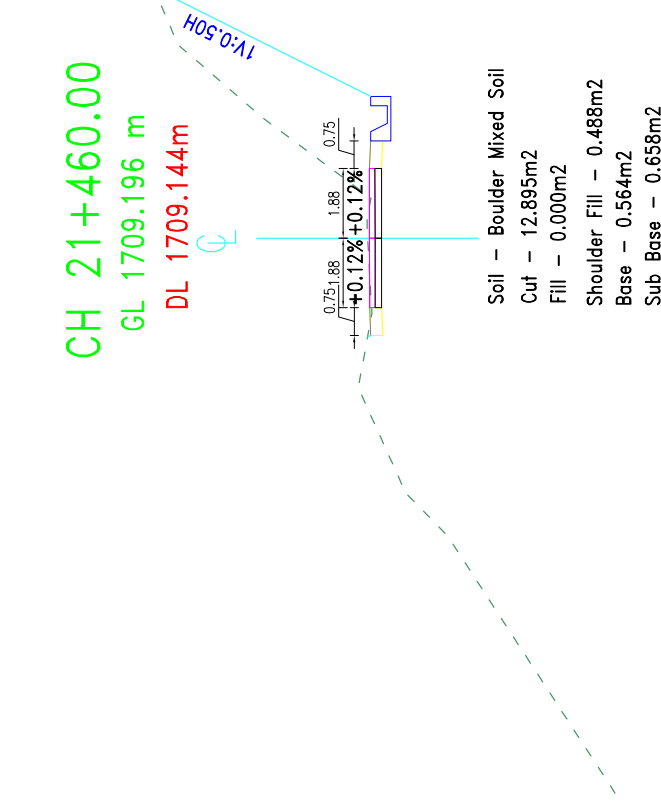
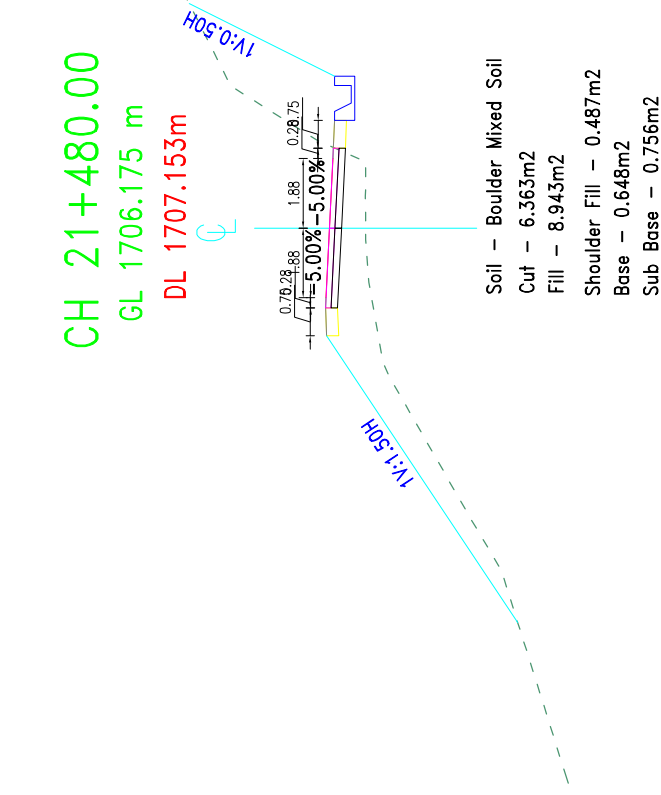


 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT HUMAN SETTLEMENT	CONSULTANT:  BEAM - CEMECA JV SANGRA, LAULNER	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCISE IEE STUDY AND GIST PLAN OF BIMPHEDI - BOJANGHADI - SINKHARI ROAD MAKANGHADI, NEPAL	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	CROSS-SECTION	DATE: September, 2017
			DESIGNED BY :						DRWG NO.: 3
			CHECKED BY :						
			RECOMMENDED BY :						SHEET No. : 28
			APPROVED BY :					CH 29+360.00-29+360.00	



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

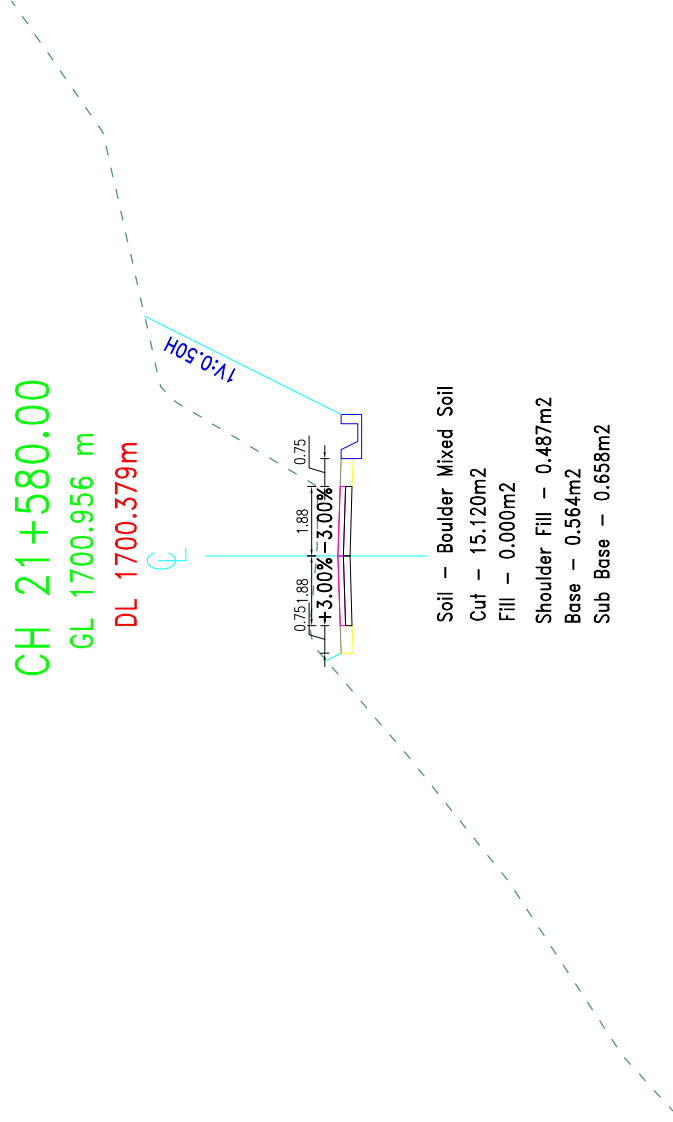
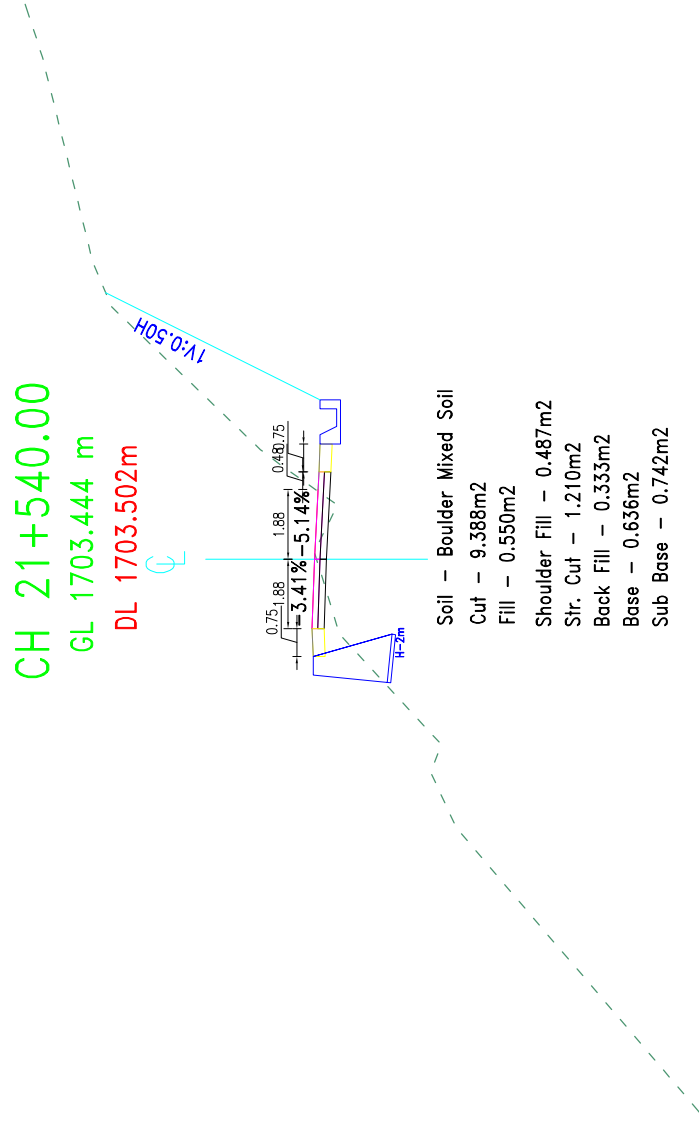
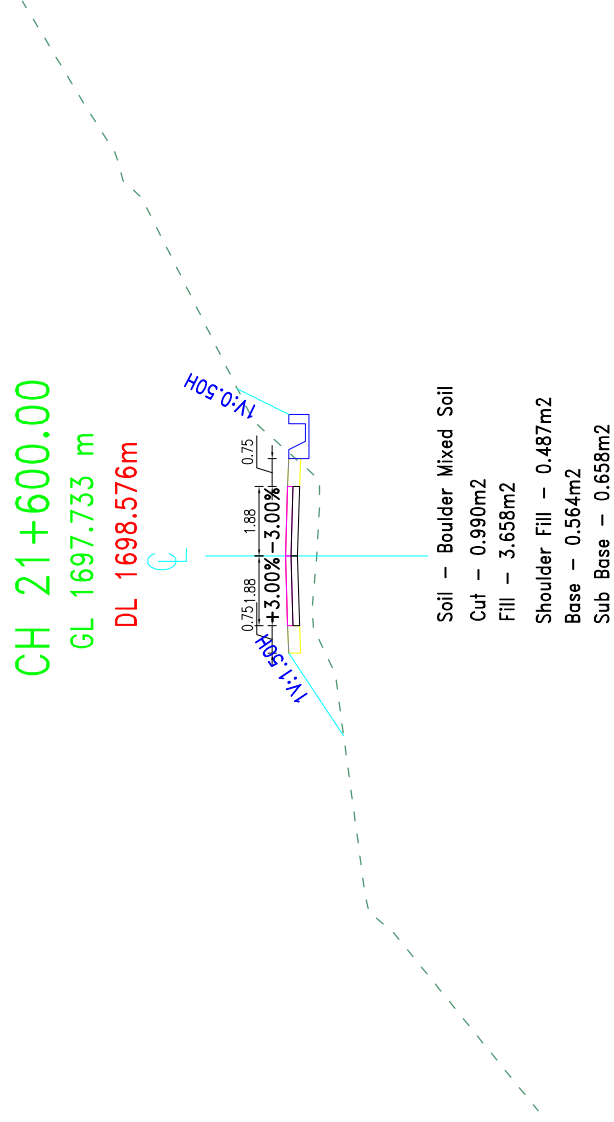
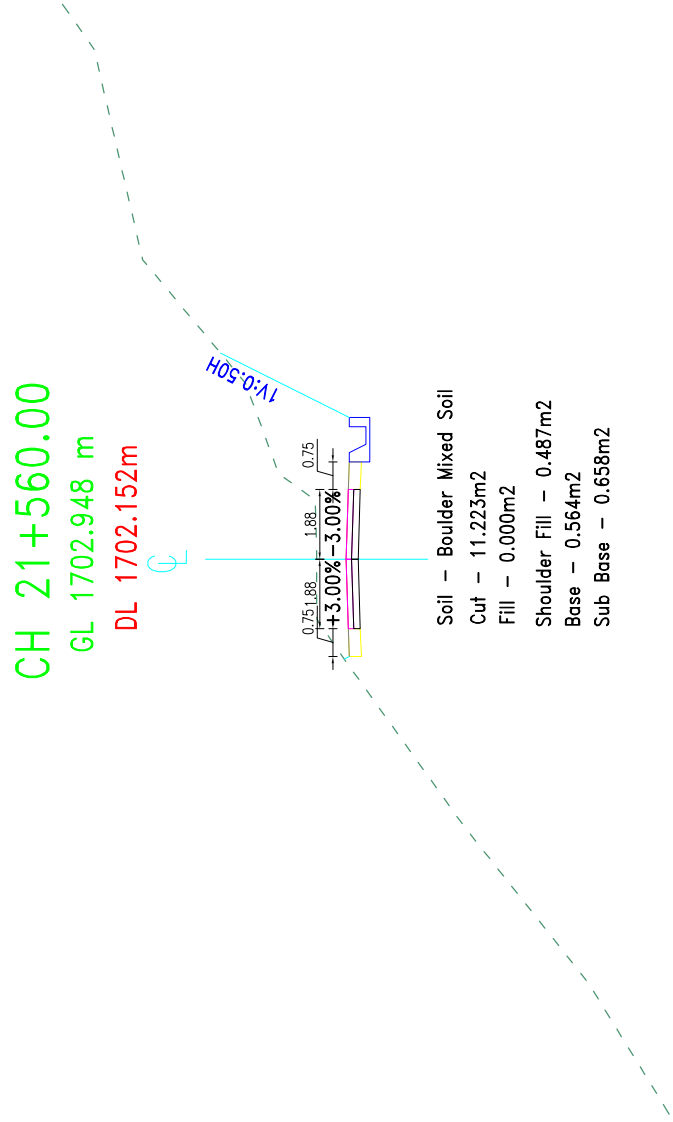
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU, NEPAL	CONSULTANT:  BEAM - CEMECA JV KATHMANDU, NEPAL	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, D/R PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN FOR THE PROJECT OF BHIPHEDI - BOGATE - IPA DEURALI - SISNEHI ROAD KATHMANDU, NEPAL	NAME	DESIGNATION	SIGNATURE	DATE	SCALE	CROSS-SECTION	DATE: September, 2017
			DESIGNED BY :						DRWG NO.: 3
			CHECKED BY :						
			RECOMMENDED BY :						SHEET No. : 29
			APPROVED BY :				1:200	CH 29+350.00-29+400.00	



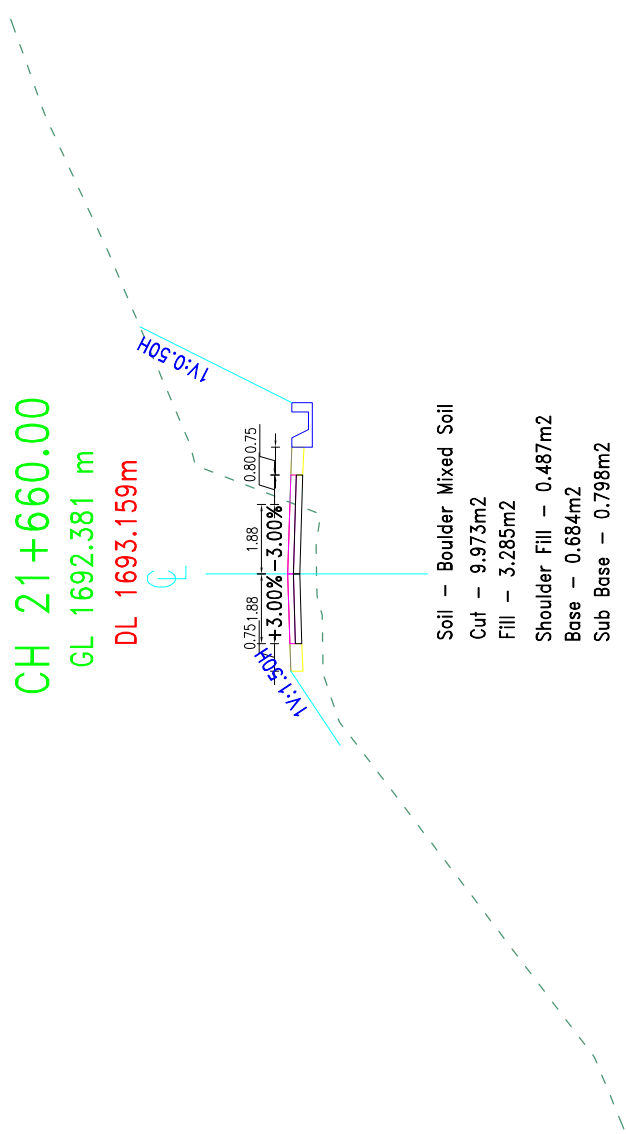
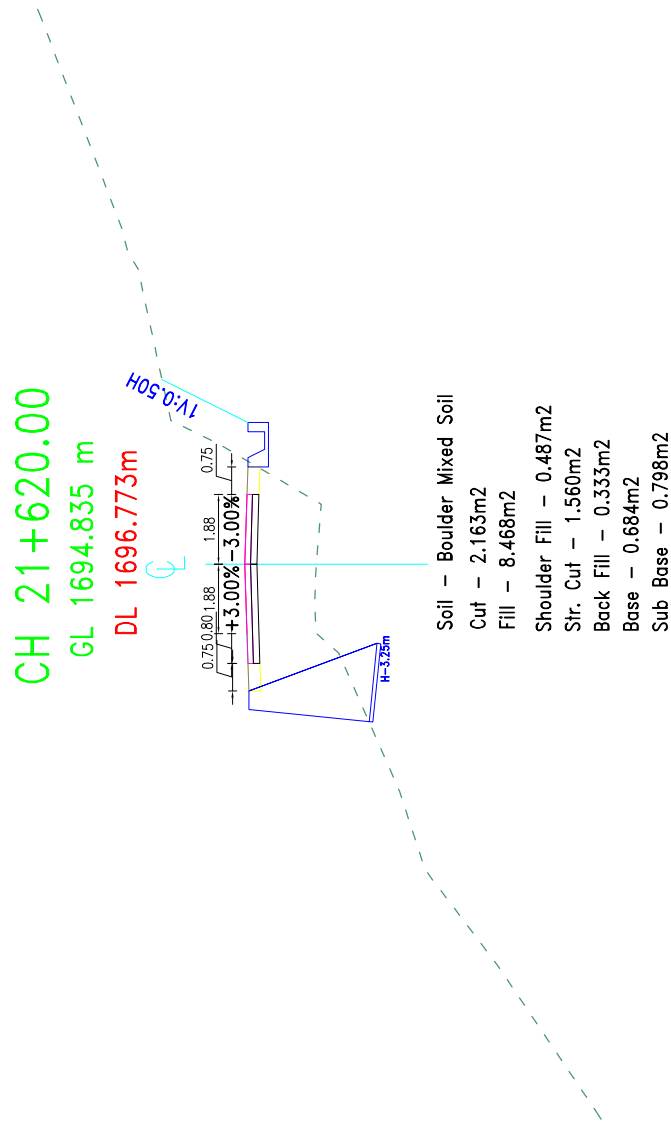
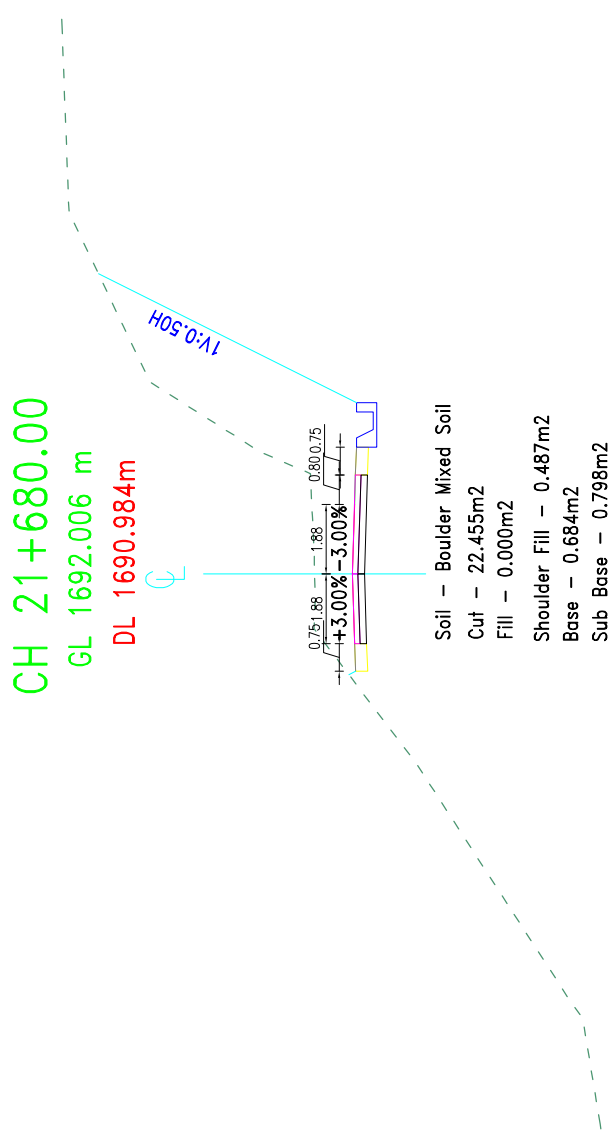
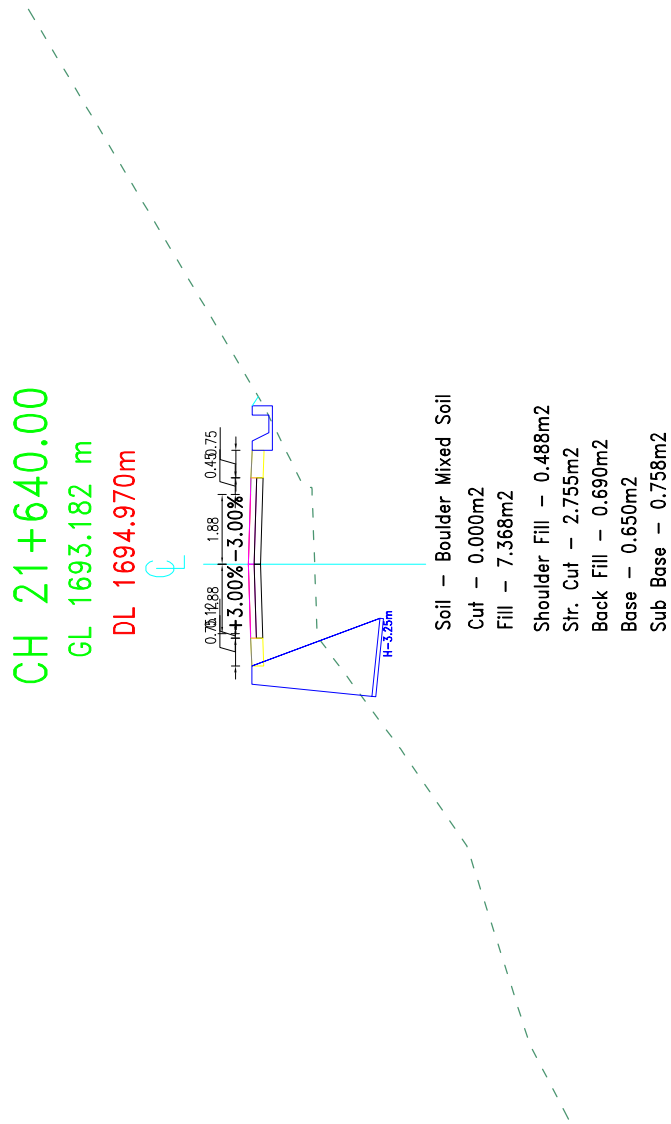
LEGENDS :		GENERAL NOTES :
—	CENTER LEVEL	1. ALL THE DIMENSIONS ARE IN MTR. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.
- - -	GROUND LEVEL	
—	DESIGN LEVEL	
—	SIDE DRAIN	
	 GABION WALL  MASONRY WALL	

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU, NEPAL	CONSULTANT:  BEAM-CEMECA JV BEAM CONSULTANTS CEMECA LIMITED	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DFR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN FOR THE PROJECT AREA, EAST PART OF THE PROJECT AREA, BHIMPHEDI - DUDHATELA DUKU - SIKHARI ROAD MANANPUR, NEPAL	DESIGNED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	CROSS-SECTION CH 29+450.00-29+500.00	DATE: September, 2017	
			CHECKED BY :								DRWG NO.: 3
			RECOMMENDED BY :								
			APPROVED BY :								SHEET No.: 30

LEGENDS :		GENERAL NOTES :
—	CENTER LEVEL	1. ALL THE DIMENSIONS ARE IN MTR. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.
- - -	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 KUPNOLLAJAUVER	CONSULTANT:  BEAM - CEMCA JV SANGPA, LAJAUVER	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATIONS & COST ESTIMATE, RESIDENTIAL PLAN FOR THE REPAIR OF THE DAMAGED ROAD IN THE BIMPHEDI - BOGATE - IPA DEURALI - SINSERI ROAD MAKWANPUR, NEPAL	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	CROSS-SECTION CH 29+550.00-29+800.00	DATE: September, 2017
									DRWG NO.: 3
									SHEET No.: 31

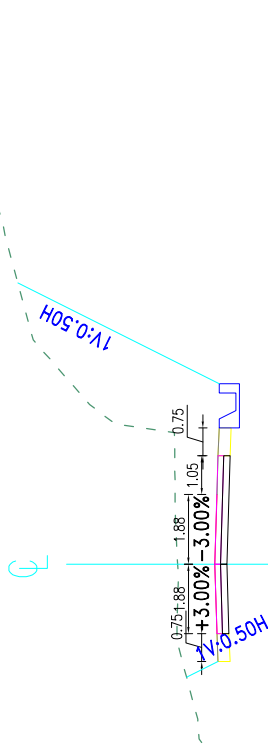


 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT RECONSTRUCTION	BEAM - CEMECA JV SANJEEV SAUDHAR	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DIR. PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN (UNDER THE TECHNICAL ASSISTANCE OF) BHIMPHDI + DOLATE - JPA (BIRBAITI - SUNDER) ROAD MAKMANPUR, NEPAL					SCALE 1:200	CROSS-SECTION	DATE: September, 2017	
			DESIGNED BY : 						DRAWING NO.: 3	
			CHECKED BY : 							SHEET No. : 32
			RECOMMENDED BY : 							
APPROVED BY : 										



GL 1687.230 m

DL 1686.224m



Soil – Boulder Mixed Soil

Cut - 19.178m2

Fill - 0.000m2

Shoulder Fill - 0.487m²

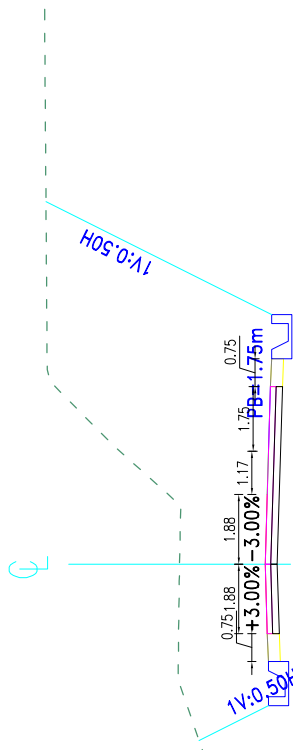
Base - 0.722m2

Sub Base - 0.842m²



GL 1690.916 m

DL 1688.604m



Soil – Boulder Mixed Soil

Cut - 50.643m2

Fill - 0.000m2

Shoulder Fill - 0.487m²

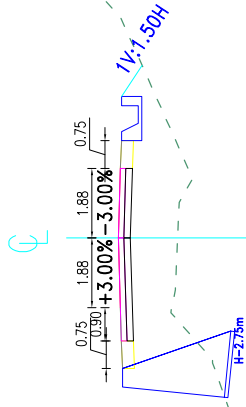
Base - 1.002m2

Sub Base - 1.169m2



GL 1681.745 m

DL 1683.349m



Soil – Boulder Mixed Soil

Cut - 0.000m2

Fill - 8.818m2

Shoulder Fill - 0.487m²

Str. Cut - 1.090m2

Back Fill – 0.260m²

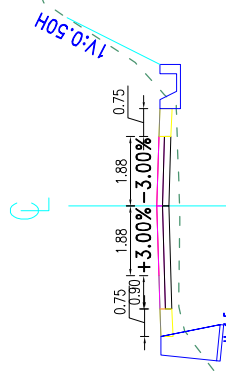
Base - 0.699m2

Sub Base – 0.816m²



GL 1683.740 m

DL 1684.355m



Soil – Boulder Mixed Soil

Cut - 0.615m2

Fill - 1.373m²

Shoulder Fill - 0.487m²

Str. Cut - 0.808m2

Back Fill - 0.155m²

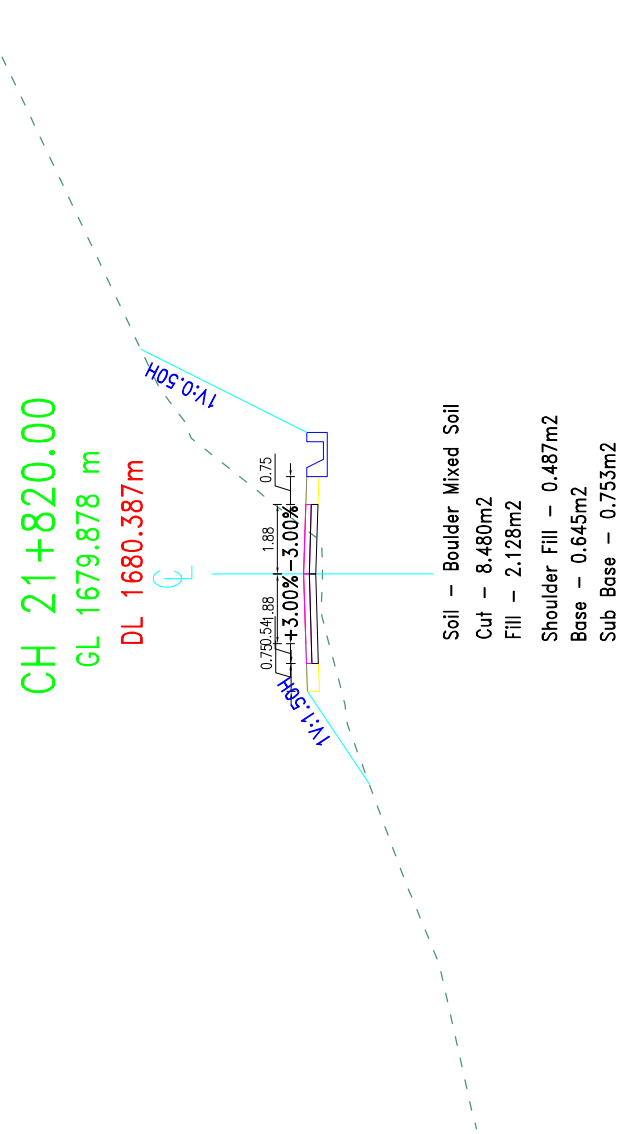
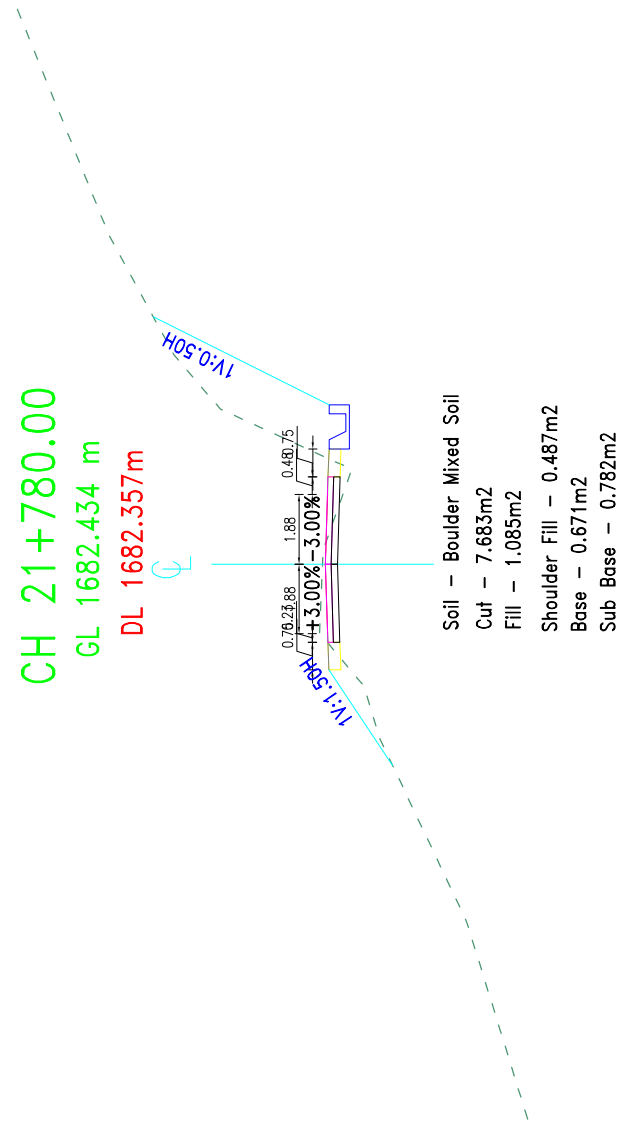
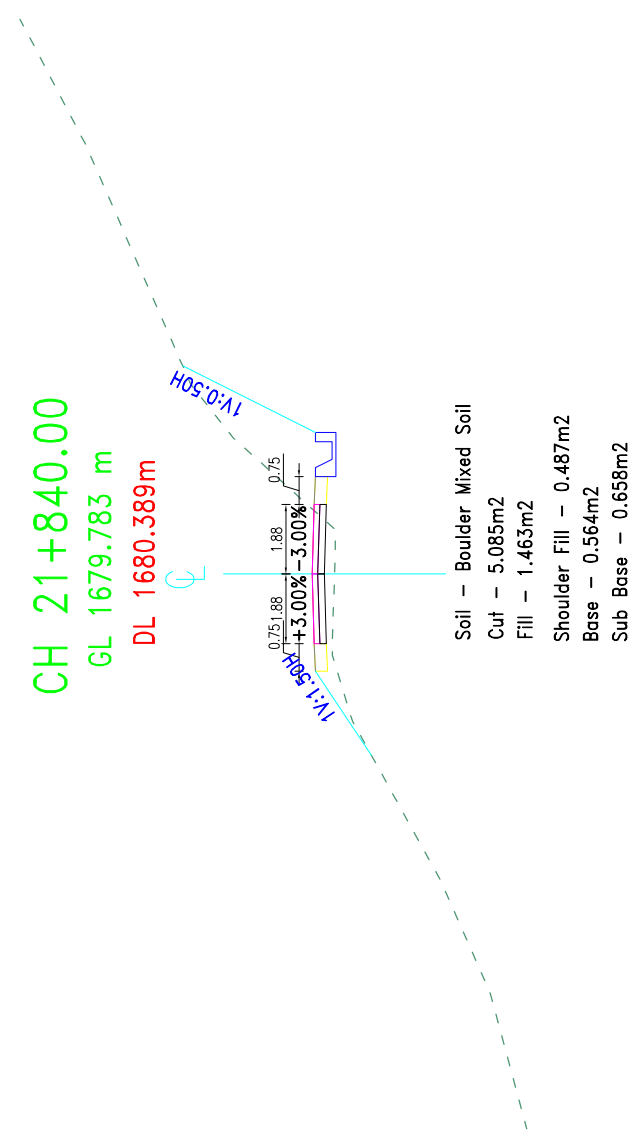
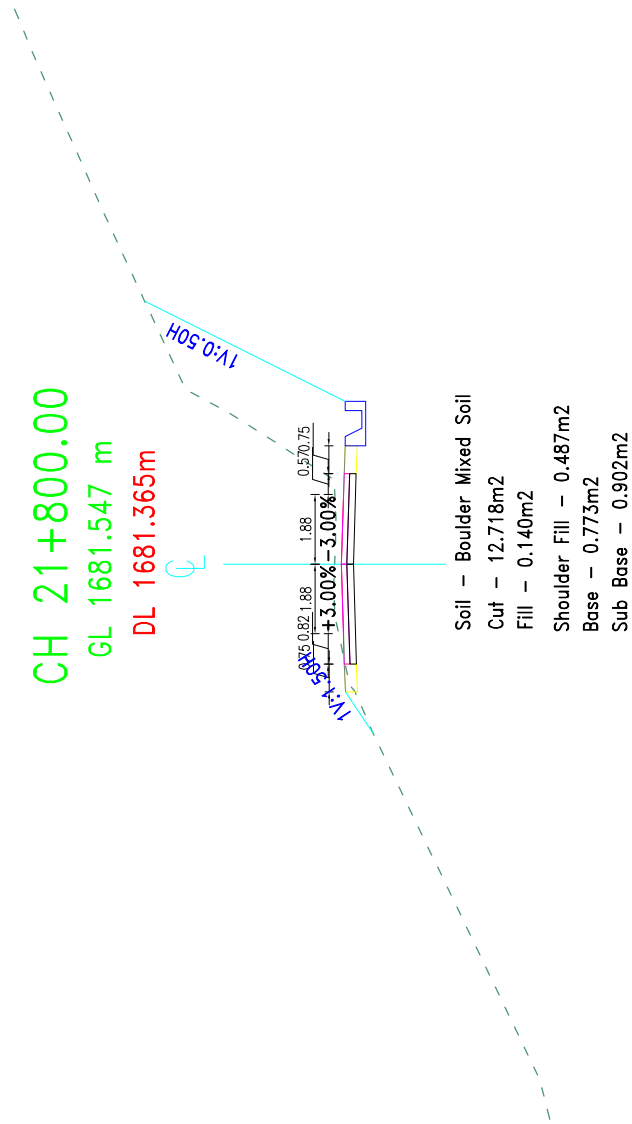
Base - 0.699m2

Sub Base - 0.816m2

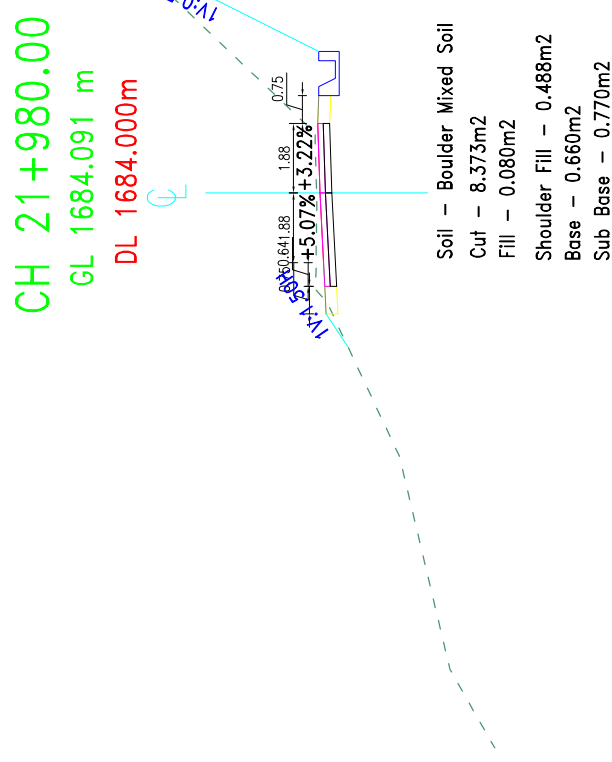
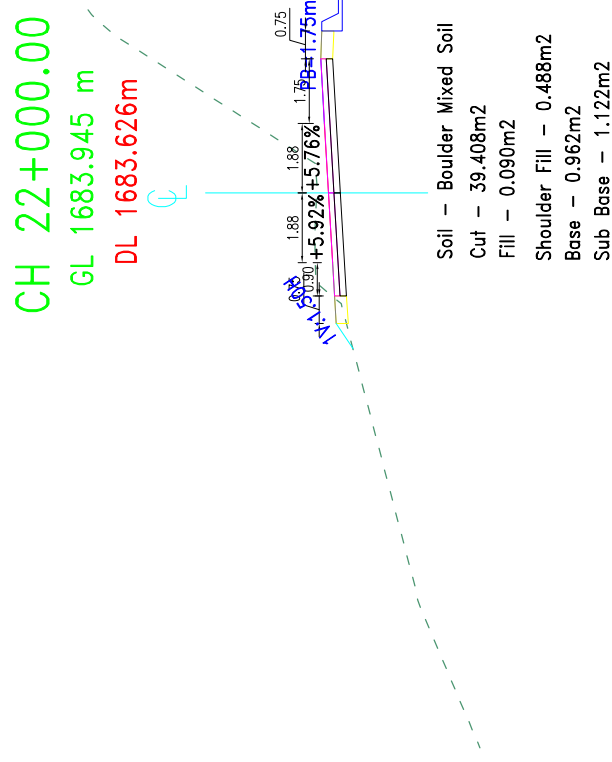
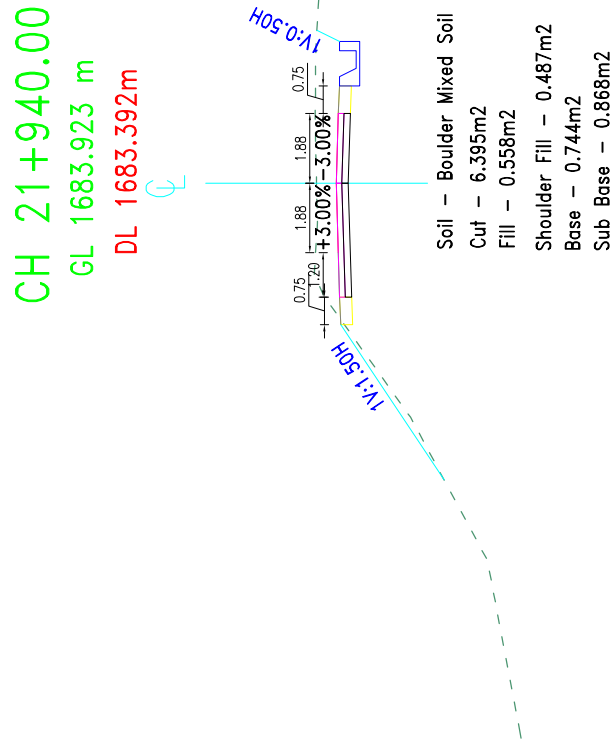
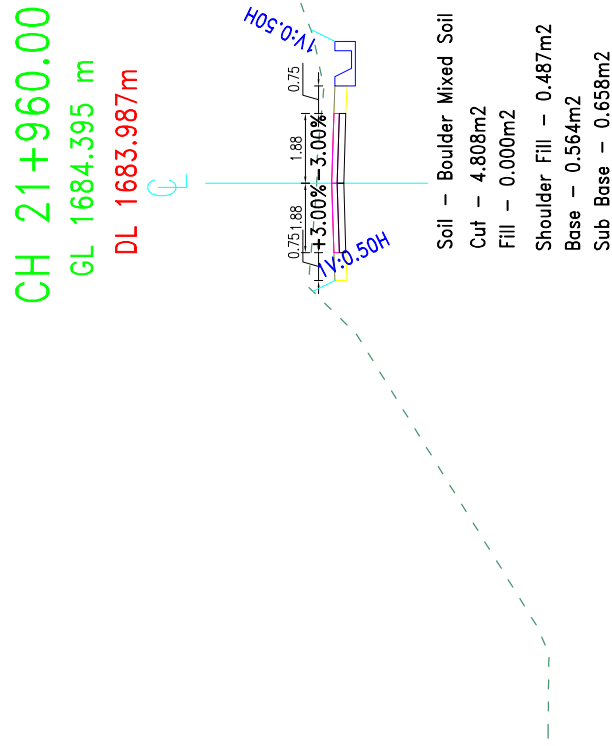
LEGENDS :		GENERAL NOTES :	
-----	CENTER LEVEL		GABION WALL
----	GROUND LEVEL		MASONRY WALL
----	DESIGN LEVEL		
----	SIDE DRAIN		

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

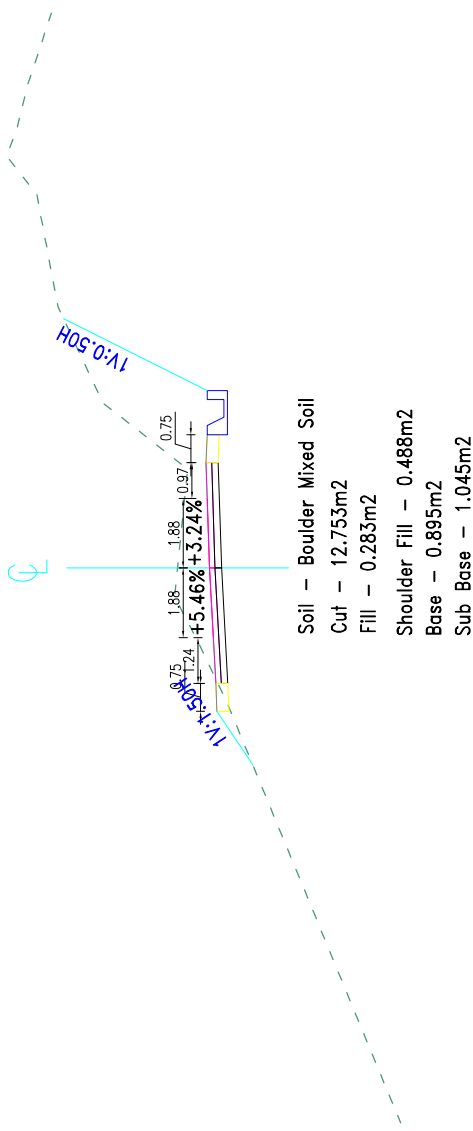
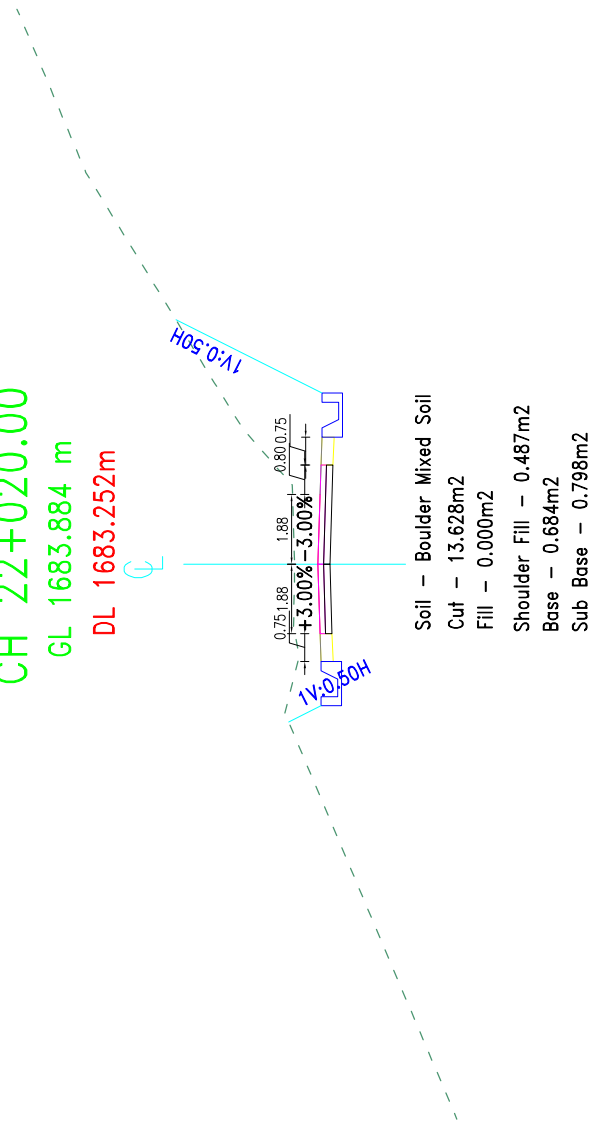
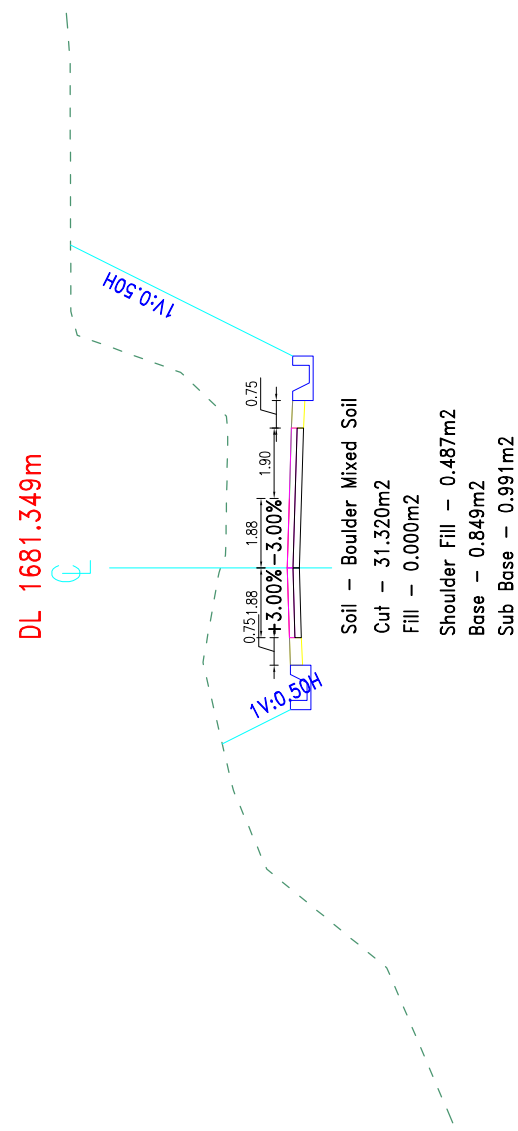
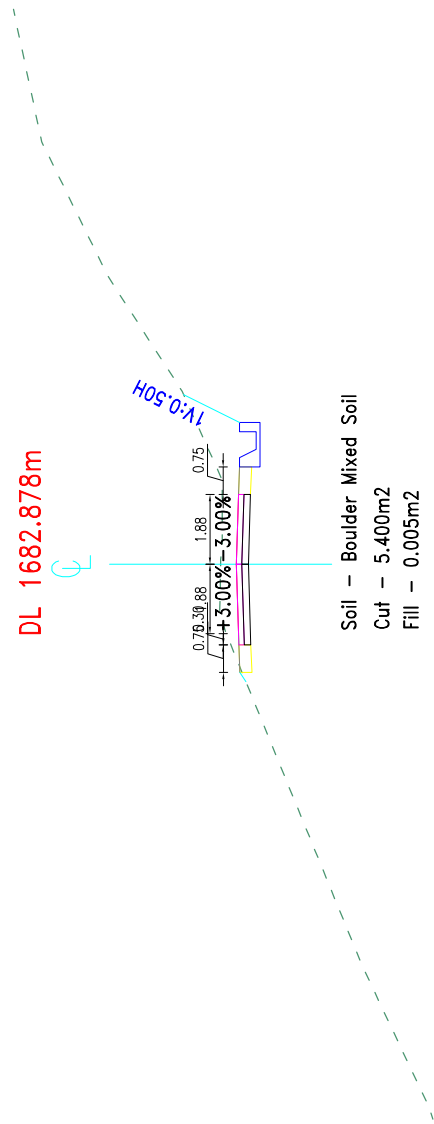
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT KATHMANDU EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU, NEPAL	CONSULTANT:  BEAM - CEMECA JV BANGALORE, INDIA	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, D/R PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN FOR 1000 HOUSEHOLDS IN THE AFFECTED AREA OF BHIMPHEDI, BOGATE - IPA DEURALI - SISRNERI ROAD MAKWANPUR, NEPAL	DESIGNED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	CROSS-SECTION	DATE: September, 2017	
			CHECKED BY :								DRWG NO.: 3
			RECOMMENDED BY :								
			APPROVED BY :								
											SHEET No.: 33
CH 29+760.00-29+760.00											



 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT (SPONSORISATION)	 BEAM - CEMECA JV BANGLA DESHA ENGINEERING PVT. LTD. BANGALORE, INDIA	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN FOR THE RURAL INFRASTRUCTURE IMPROVEMENT PROGRAMME IN DISTRICTS BHOJPADE, JAJARI, SUNDHARA BHIMPHEDI-1, BHAGATE, IPA DEBRAI, SUNDERI ROAD MAKWANPUR, NEPAL.		NAME	DESIGNATION	SIGNATURE	DATE	SCALE	CROSS – SECTION	DATE: September, 2017
										DRWG NO.: 3
										SHEET No.: 34
										1:200
										CH 29+750.00–29+800.00

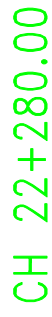


 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU, NEPAL	 BEAM-CEMECA JV SANGRA, LAUTNER	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN FOR CONCESSIONED ROAD ALONG WITH PLANNED BYPASS, FROM BHIMPHEDE TO JODA DEHURA, 4TH CROSSING ROAD MAKWAHAPUR, NEPAL	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	CROSS-SECTION	DATE: September, 2017	
			DESIGNED BY : 							DRWG NO.: 3
			CHECKED BY : 							
			RECOMMENDED BY : 							
			APPROVED BY : 							SHEET No. : 36



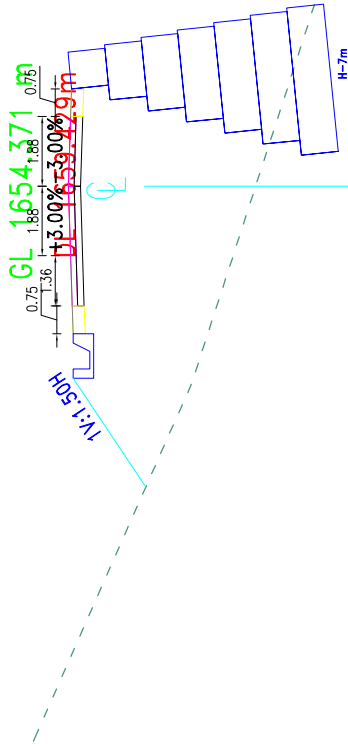
LEGENDS :		GENERAL NOTES :	
--- ---	CENTER LEVEL		GABION WALL
- - - -	GROUND LEVEL		MASONRY WALL
- - - -	DESIGN LEVEL		
	SIDE DRAIN		

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SPONSORSHIP/GRANT	 BEAM - CEMECA JV SANDEEP LAUTNER	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN FOR THE PROJECT OF BHIPHEDI - BOKATE - IPA DEBIRALI - SUNSERI ROAD MAKMANPUR, NEPAL		NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	CROSS-SECTION	DATE: September, 2017
			DESIGNED BY :							DRWG NO.: 3
			CHECKED BY :							
			RECOMMENDED BY :							
APPROVED BY :										SHEET No. : 37



GL 1654.371 m 0.75

DL 659.29m



Soil – Boulder Mixed Soil

Cut - 0.000m2

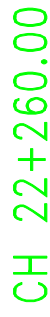
Fill - 34.308m2

Shoulder Fill - 0.487m²

Str. Cut - 4.515m2

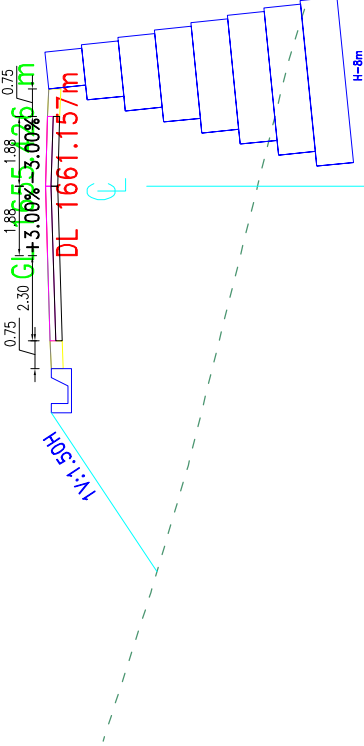
Back Fill - 0.375m2

Base – 0.768m2

Sub Base - 0.896m²

0.75

DL 1661.157m



Soil – Boulder Mixed Soil

Cut - 0.005m²

Fill - 47.100m2

Shoulder Fill - 0.487m²

Str. Cut - 7.640m²

Back Fill - 0.748m²

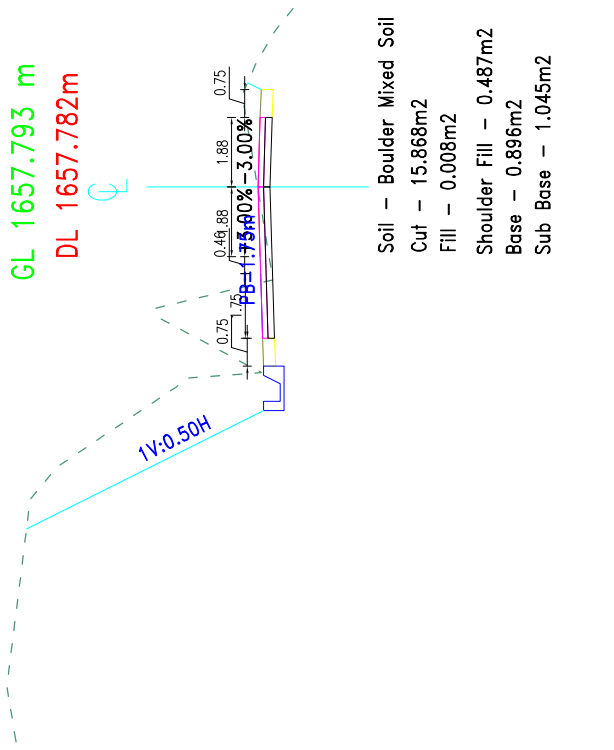
Base - 0.909m2

Sub Base – 1.061m²



GL 1657.793 m

DL 1657.782m



Soil – Boulder Mixed Soil

Cut - 15.868m²

Fill - 0.008m²

Shoulder Fill - 0.487m²

Base - 0.896m2

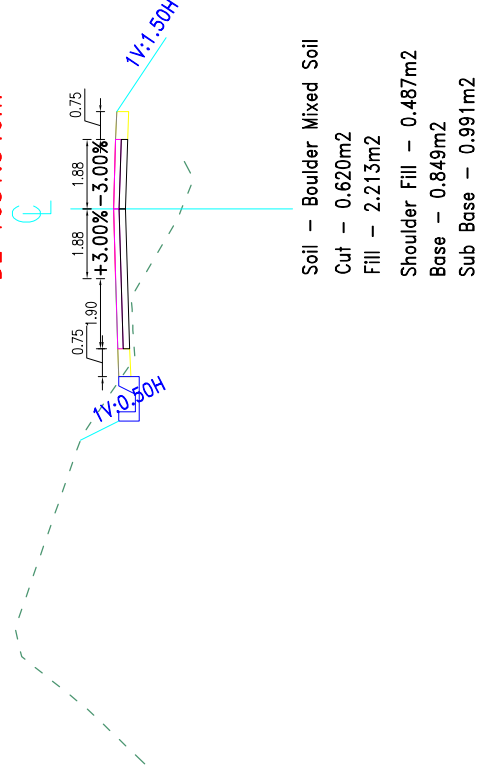
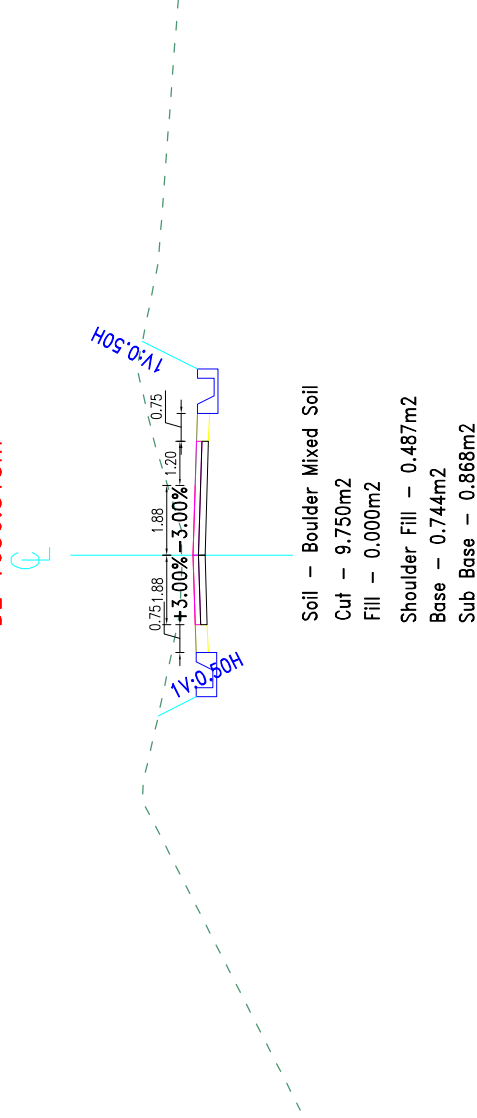
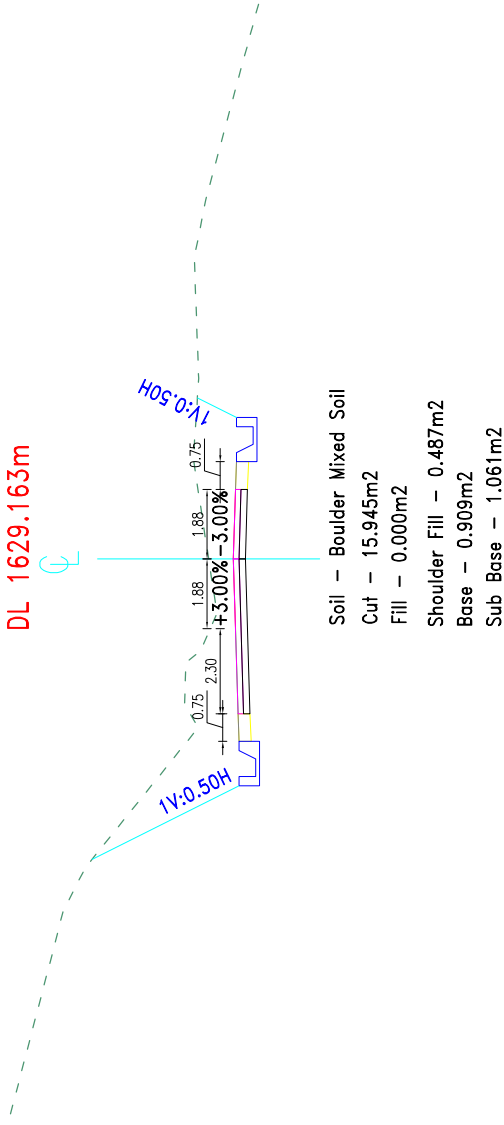
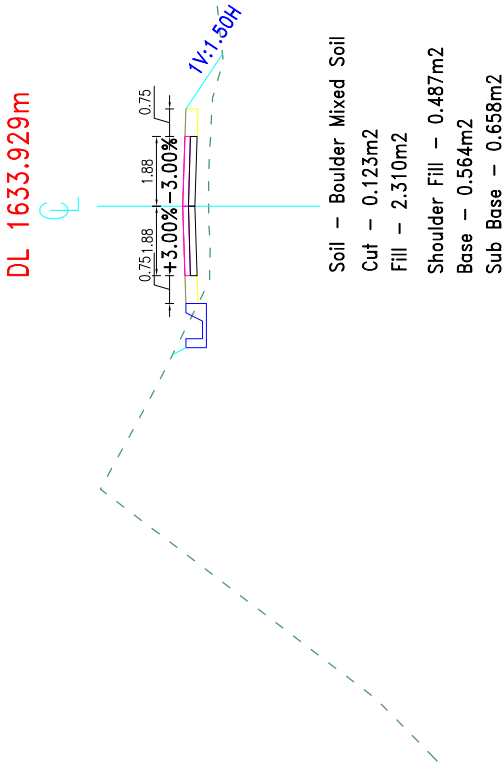
Sub Base - 1.045m2

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

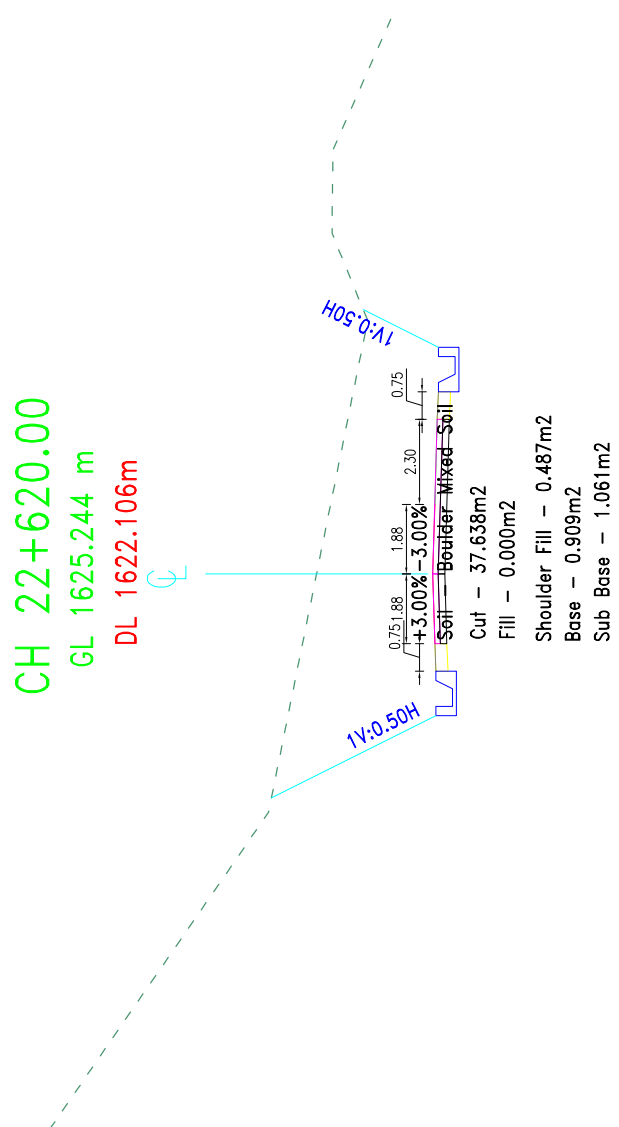
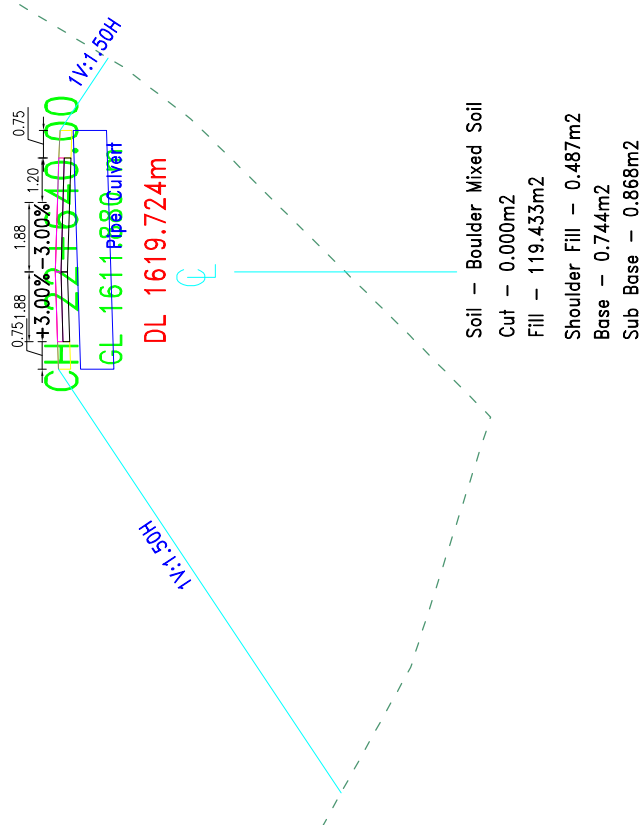
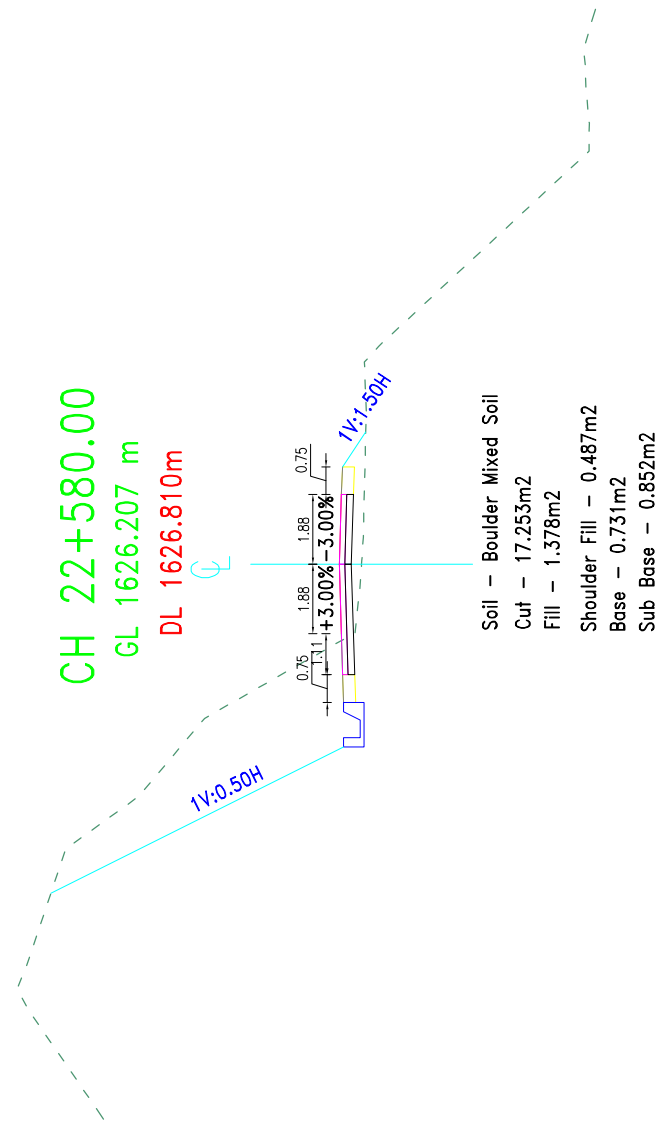
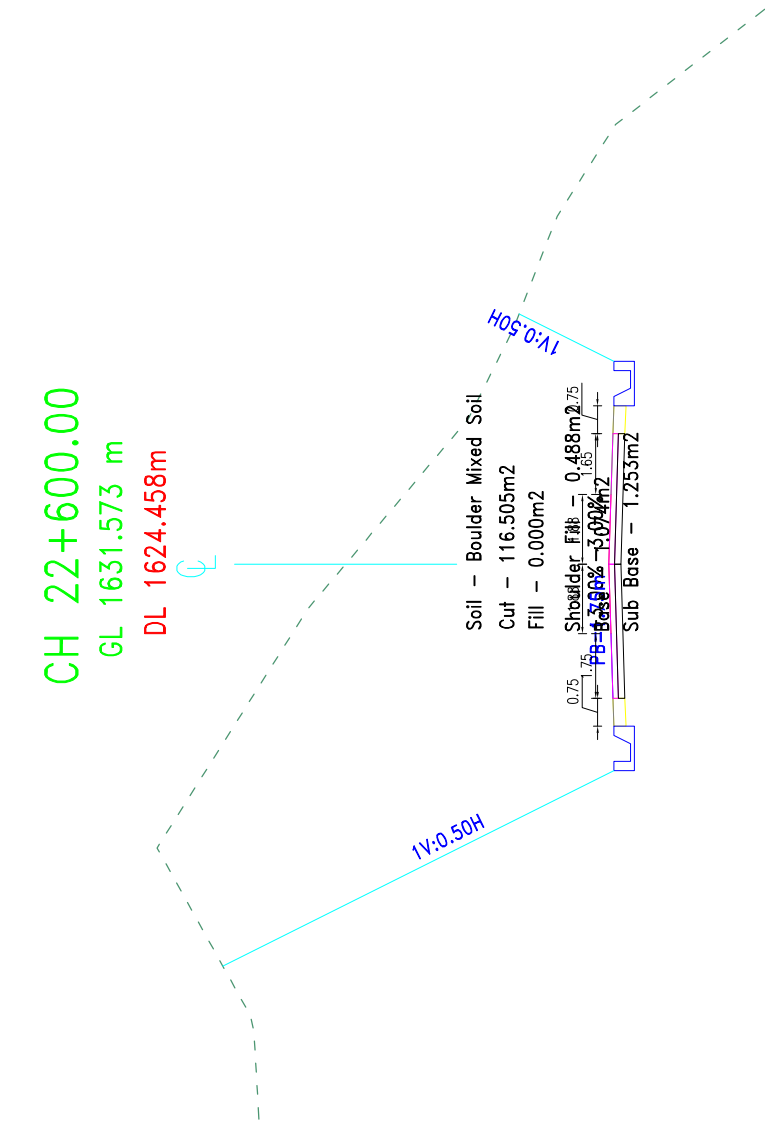
LEGENDS :		GENERAL NOTES :	
--- ---	CENTER LEVEL		GABION WALL
- - - -	DESIGN LEVEL		MASONRY WALL
— — — —	CENTER LEVEL		
— — — —	DESIGN LEVEL		
	SIDE DRAIN		

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT KATHMANDU EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU	CONSULTANT:  BEAM - CEMECA JV BANGALORE, INDIA	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, D/R PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN FOR 10000 PEOPLE OF 1000 HOUSEHOLDS IN THE AREA OF BHIMPHEDI, BOGATE - IPA DEURALI - SISRNERI ROAD, MAKWANPUR, NEPAL	DESIGNED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	CROSS-SECTION	DATE: September, 2017	
			CHECKED BY :								DRWG NO.: 3
			RECOMMENDED BY :								
			APPROVED BY :								SHEET No.: 40

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

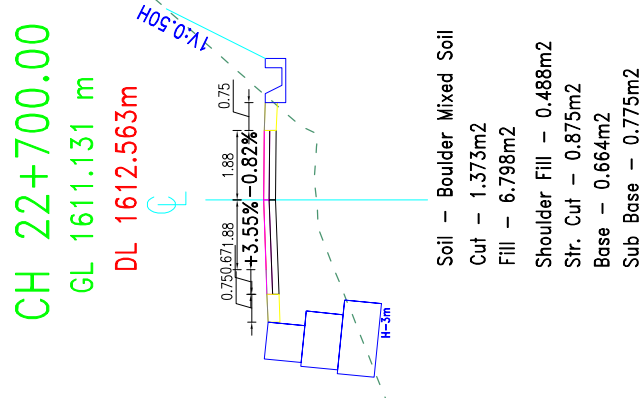
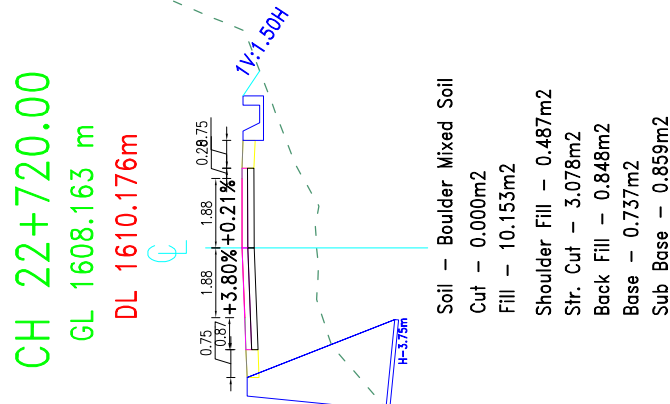
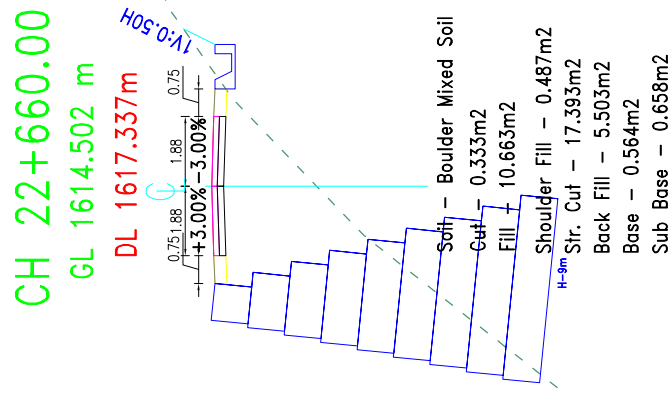
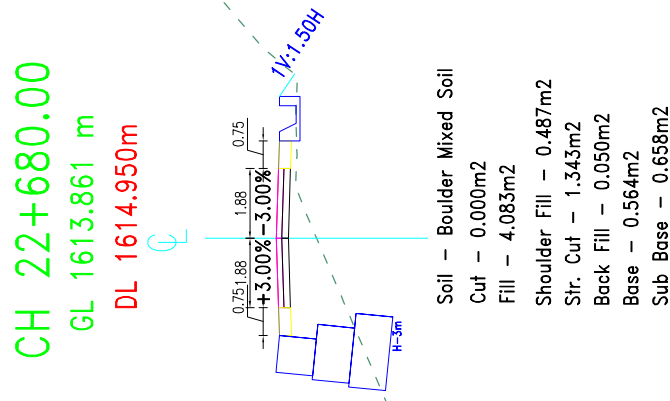


 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SAWAKOLLAJITHUK	 BEAM - CEMECA JV SAWAKOLLAJITHUK	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, D/R PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN FOR THE PROJECT OF BHIPMEDHI - BOGATE - IPA DEURALI - SINNERI ROAD MAKAWANPUR, NEPAL						SCALE	CROSS-SECTION	DATE: September, 2017	
											DRWG NO.: 3
											SHEET No. : 43



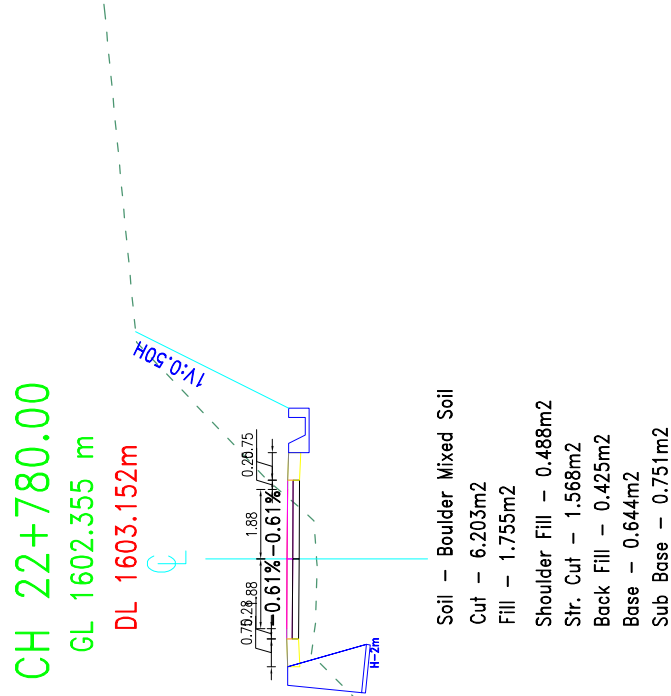
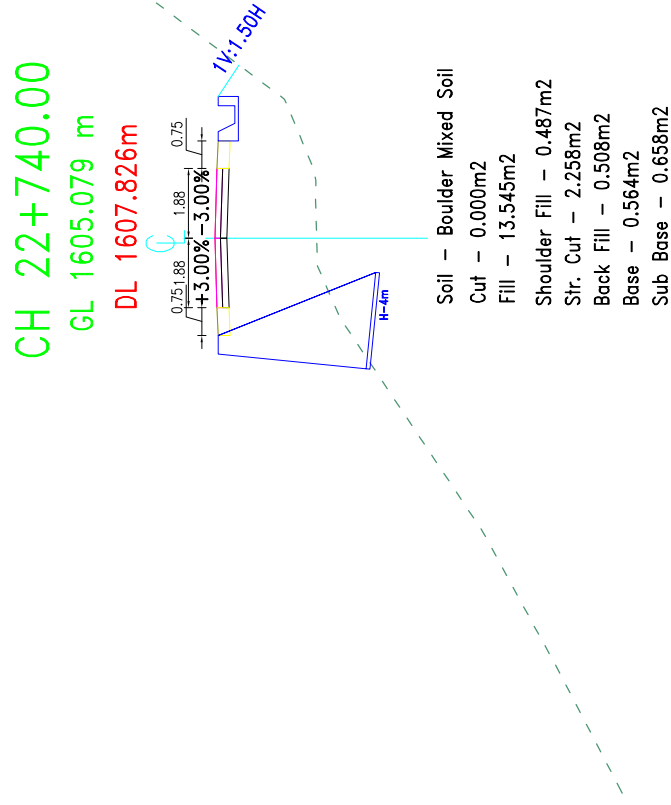
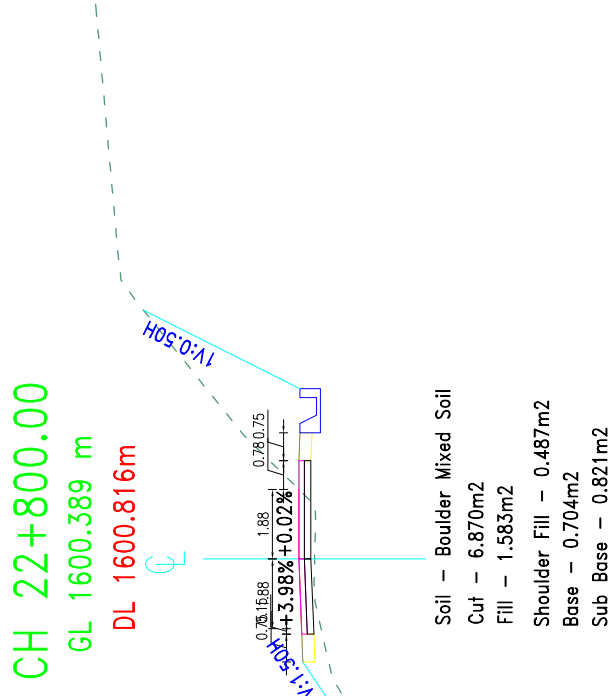
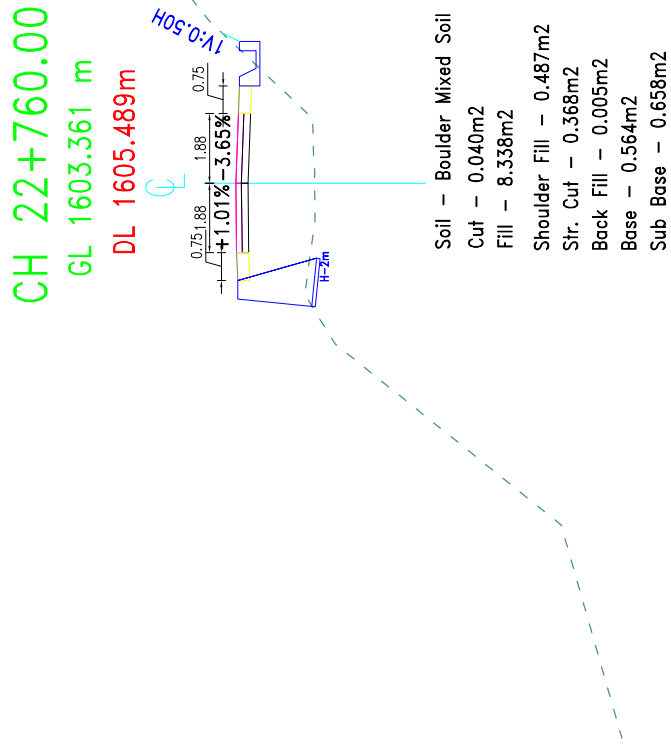
LEGENDS :		GENERAL NOTES :	
CENTER LEVEL		GABION WALL	1. ALL THE DIMENSIONS ARE IN METERS, UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.
DOWN LEVEL		MASONRY WALL	
DESIGN LEVEL			
SIDE DRAIN			

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT Nepal Rehabilitation Trust	 BEAM - CEMECA JV SANJEEV LALITPUR	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONDUCE FIEE STUDY AND GESI PLAN OF BUMPHIEDI - DOCKALI - SINGERI ROAD MAKAWARI B, NEPAL	DESIGNED BY :	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	CROSS-SECTION	DATE: September, 2017	
			CHECKED BY :								DRAWG NO.: 3
			RECOMMENDED BY :								SHEET No.: 44
			APPROVED BY :								

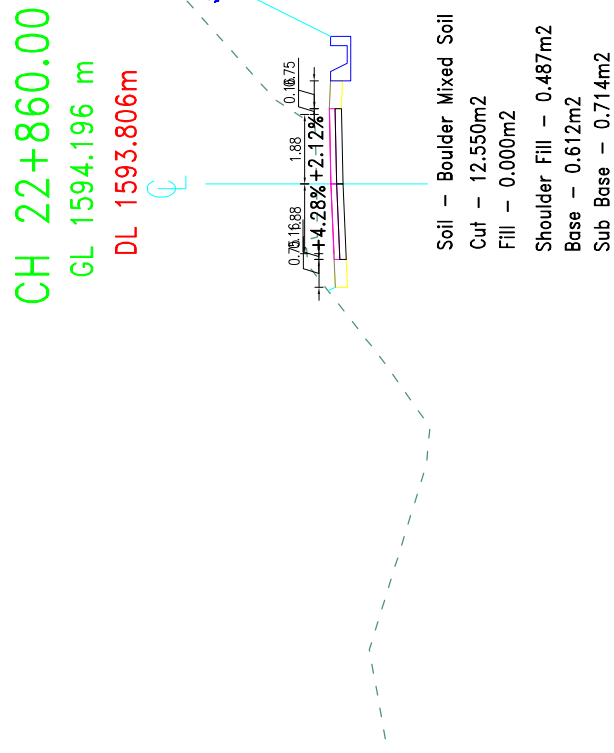
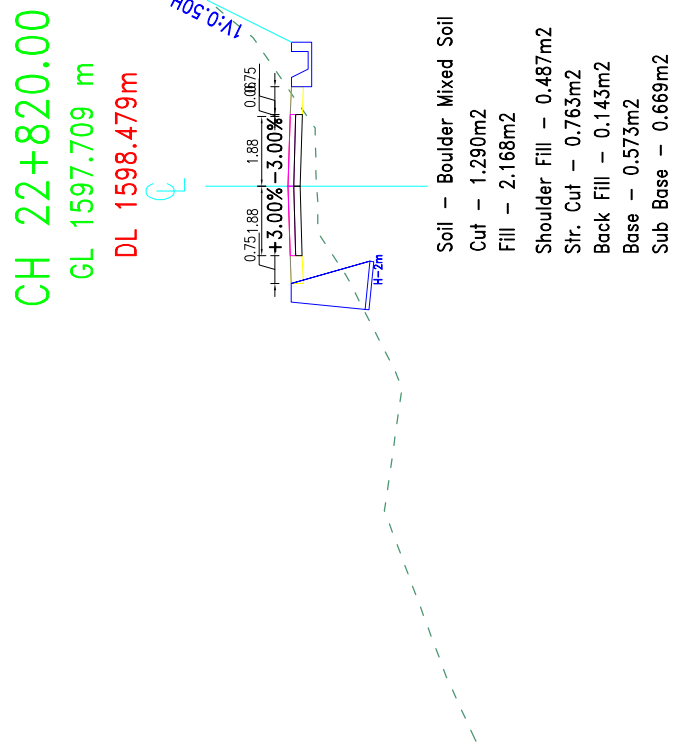
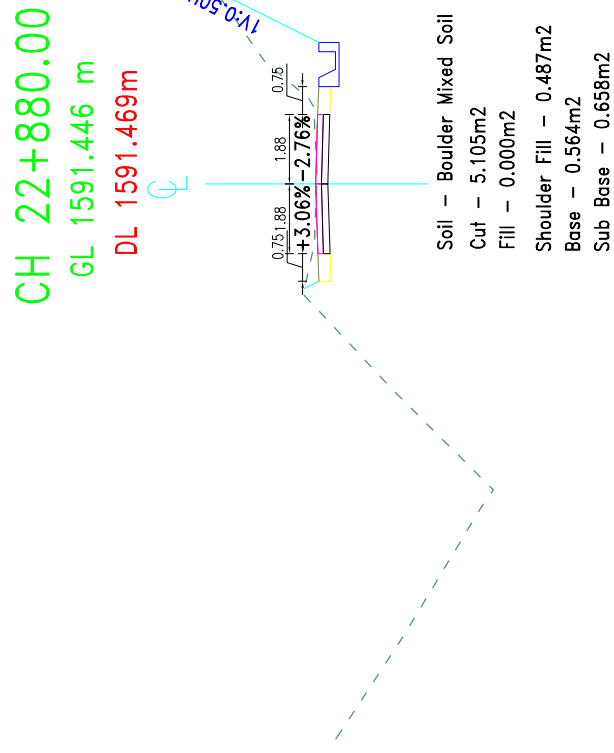
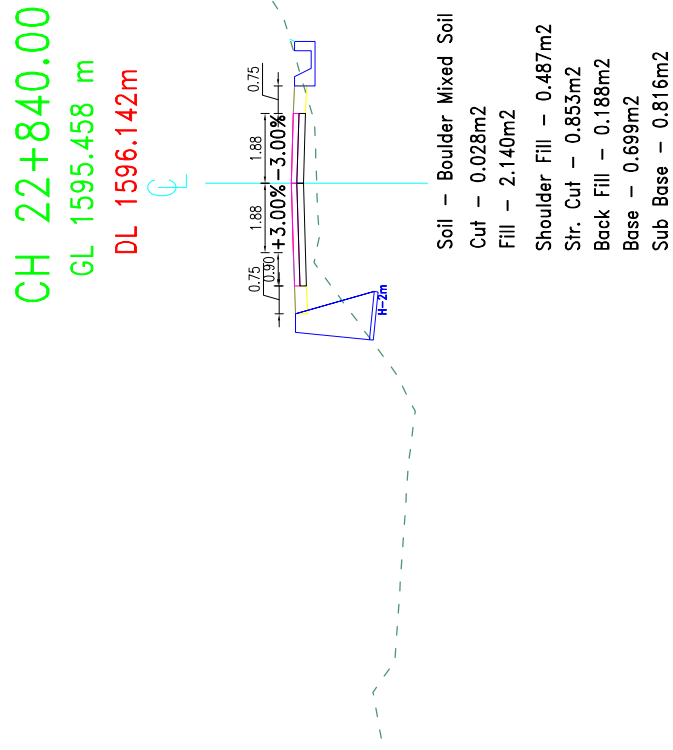


 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT NARAYANAPUR	CONSULTANT:  BEAM-CEMECA JV SANGRA LALUTHER	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR, PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN, CONCESSION STUDY AND GSI PLAN OF BHIMPHEDI - BAKHOLA - SISENERI ROAD, NARAYANPUR, NEPAL	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	CROSS-SECTION CH 22+650.00 - 22+700.00	DATE: September, 2017
			DESIGNED BY :						DRWG NO.: 3
			CHECKED BY :						
			RECOMMENDED BY :						SHEET No. : 45
		APPROVED BY :							

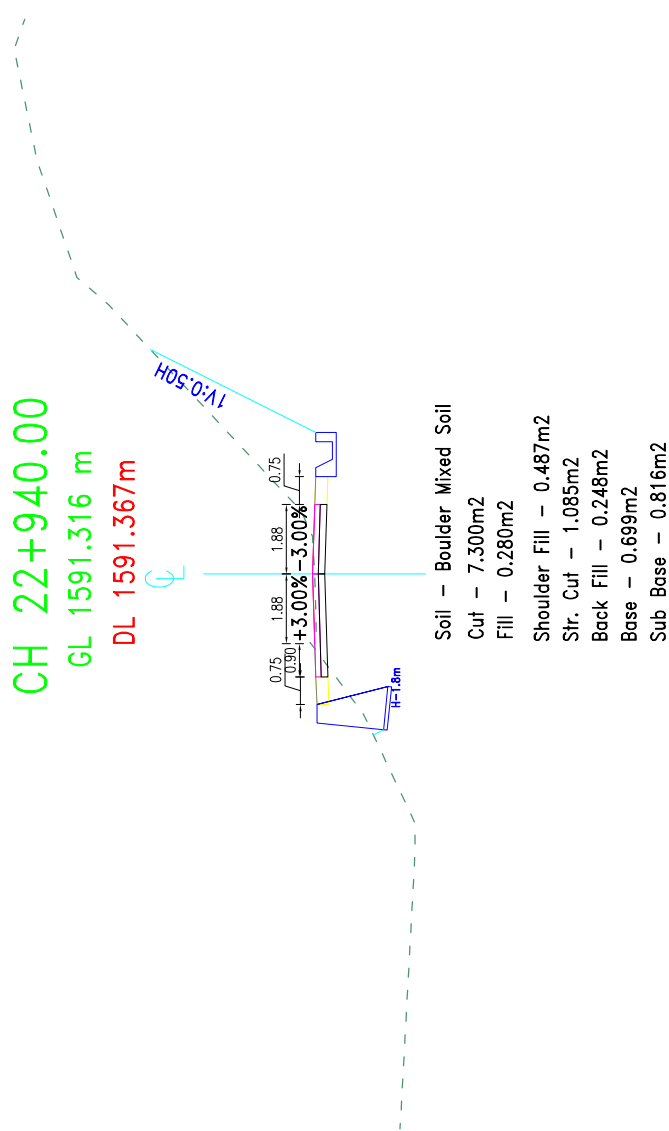
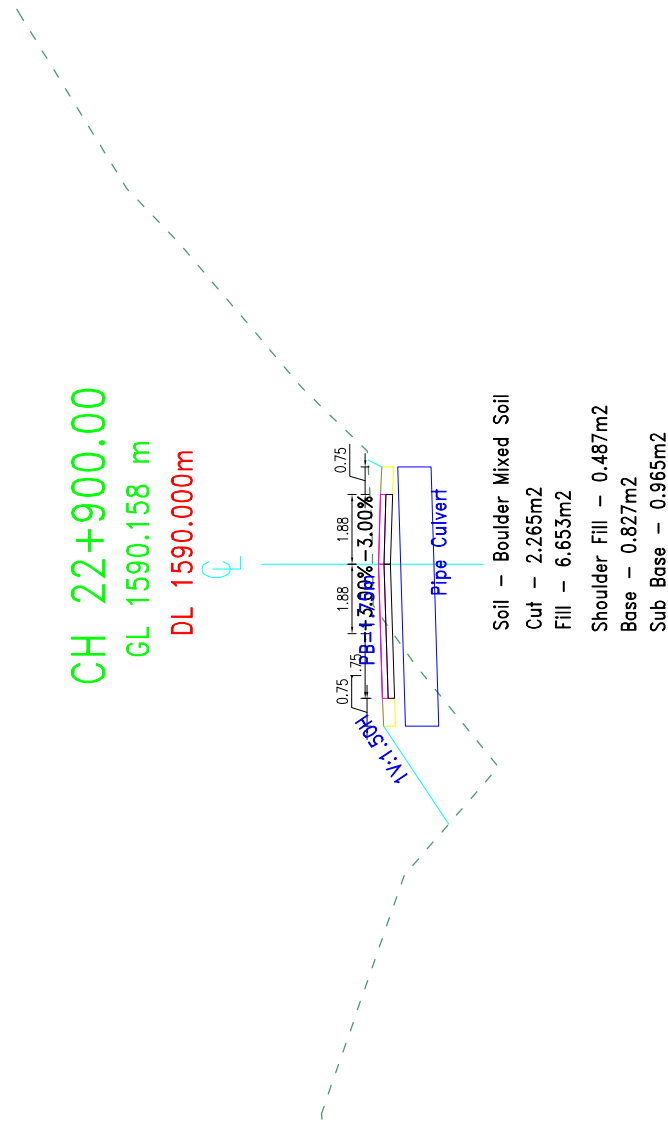
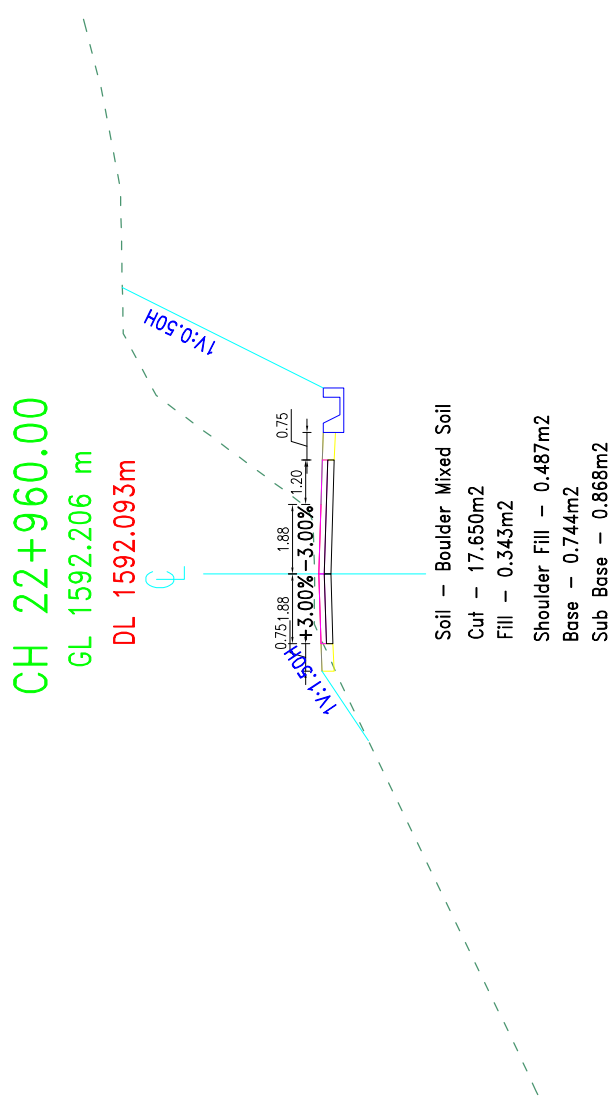
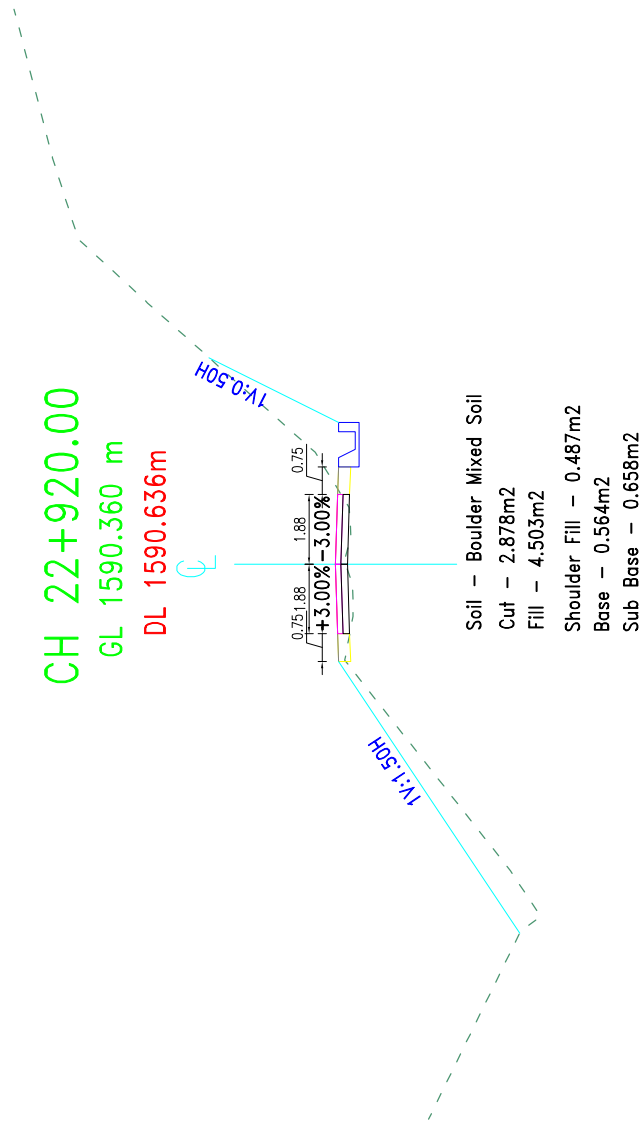
LEGENDS :		GENERAL NOTES :	
--- ---	CENTER LEVEL		GABION WALL
- - - -	GROUND LEVEL		MASONRY WALL
— — — —	DESIGN LEVEL		
— — — —	SIDE DRAIN		



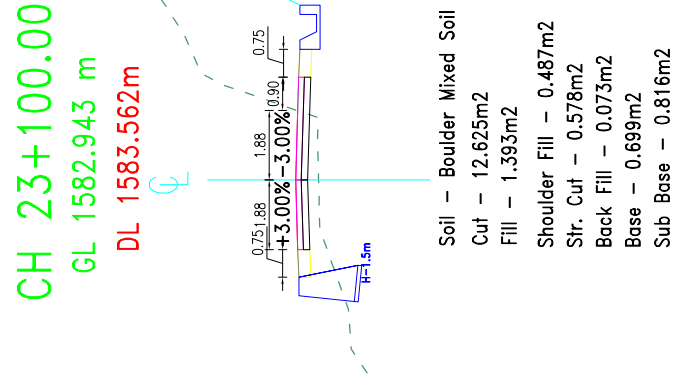
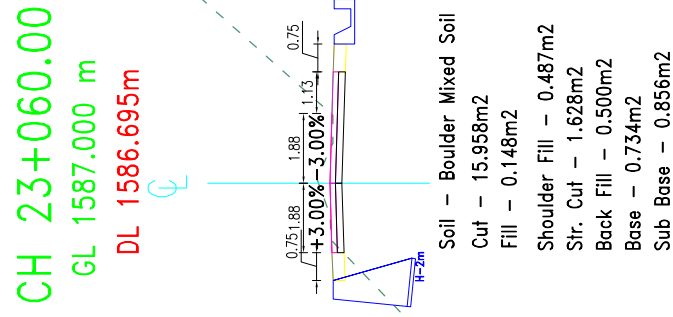
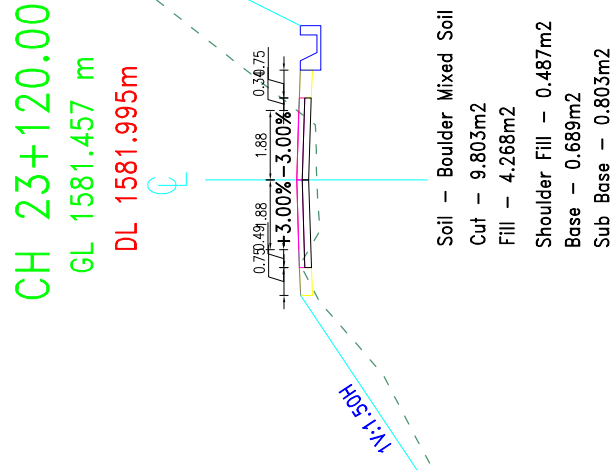
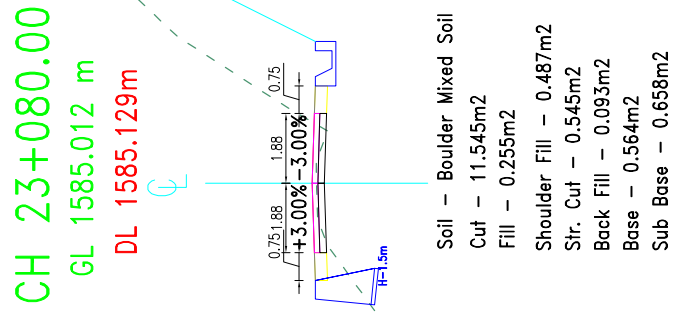
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU, NEPAL	 BEAM - CEMECA JV KATHMANDU, NEPAL	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, D/R PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN FOR THE PROJECT OF BHIPHEDI - BOGATE - IPA DEURALI - SISNEHI ROAD KATHMANDU, NEPAL	NAME	DESIGNATION	SIGNATURE	DATE	SCALE	CROSS-SECTION	DATE: September, 2017
			DESIGNED BY :						DRWG NO.: 3
			CHECKED BY :						
			RECOMMENDED BY :						SHEET No. : 46
			APPROVED BY :					CH 29+750.00-29+800.00	



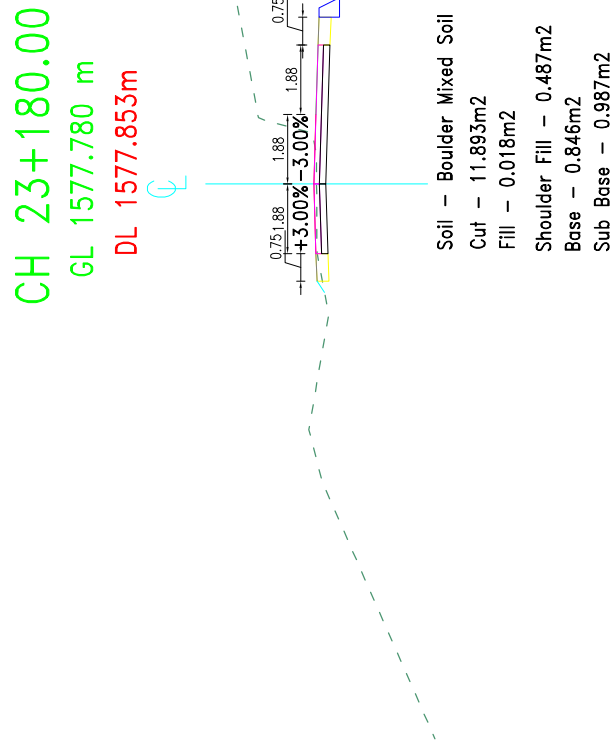
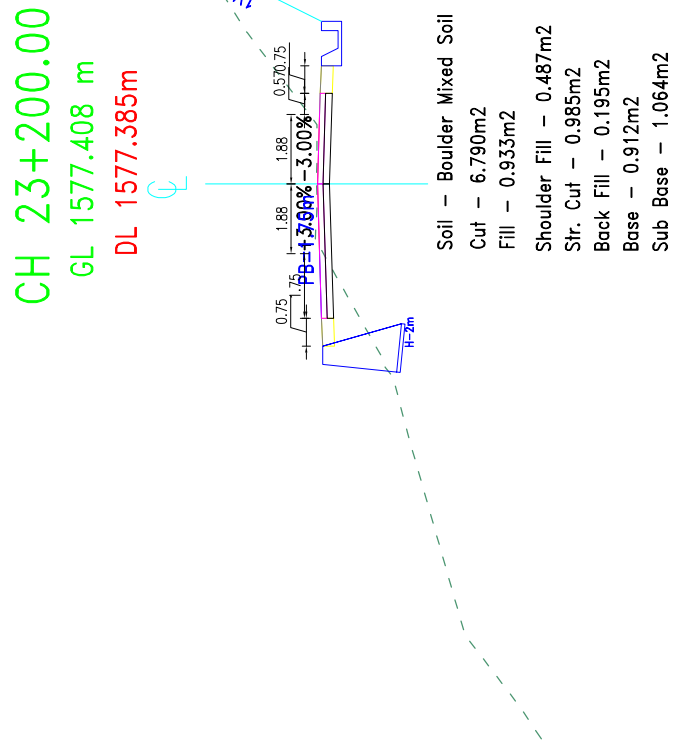
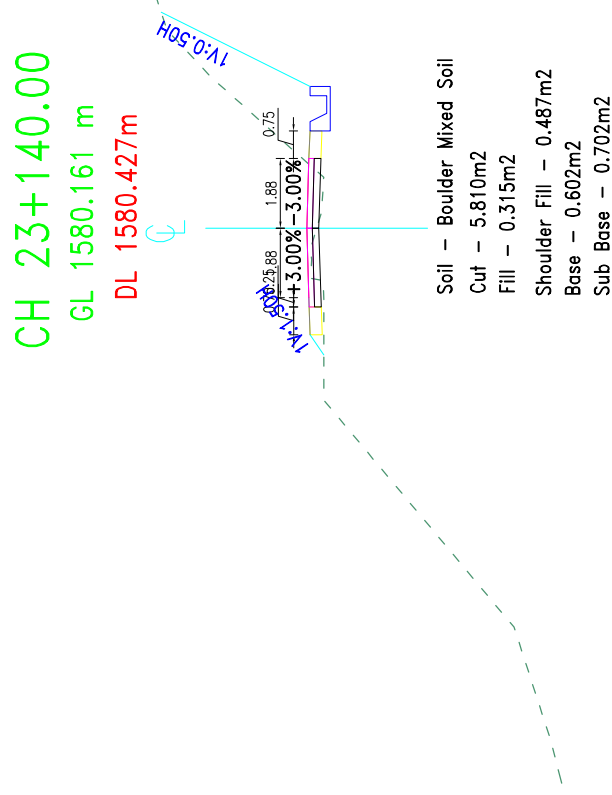
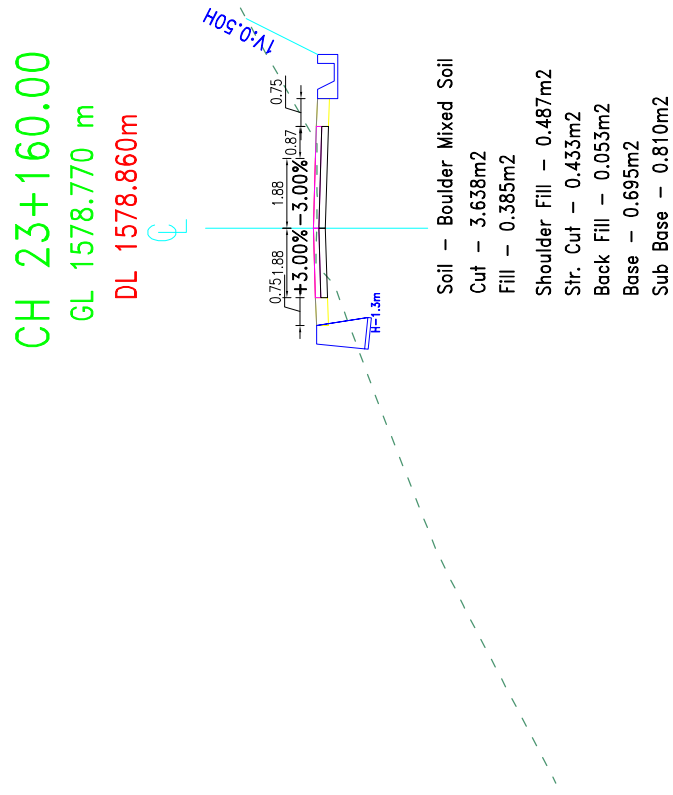
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SUPERCOUNCIL LIMITED	 BEAM - CEMECA JV SANPAC CONSULTANTS	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, D/R PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN (CONCERNED WITH THE AFFECTED PLANS) OF BHIMPHEDI - DUGTESI-JHA DEHURAT - SINGERI ROAD MAKWAHPUR, NEPAL		NAME	DESIGNATION	SIGNATURE	DATE	SCALE	CROSS-SECTION	DATE: September, 2017
										DRAWN NO.: 3
										SHEET No.: 47
										CH 22+850.00-22+880.00
										1:200
										DESIGNED BY : CHECKED BY : RECOMMENDED BY : APPROVED BY :



 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT UNESCO/UNEP/UNEP	 BEAM - CEMECA JV SANGRA, LAUTNER	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, DPR, PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN CONCRETE STAY AND GUEST PLAN OF BHIPPHEDI - JOLUNG - JOLUNG - JOLUNG - JOLUNG MAYANGPUL, NEPAL	NAME DESIGNATION SIGNATURE DATE	SCALE 1:200	CROSS-SECTION CH 22+960.00-22+960.00	DATE: September, 2017
			DRWG NO.: 3			
			SHEET No. : 48			

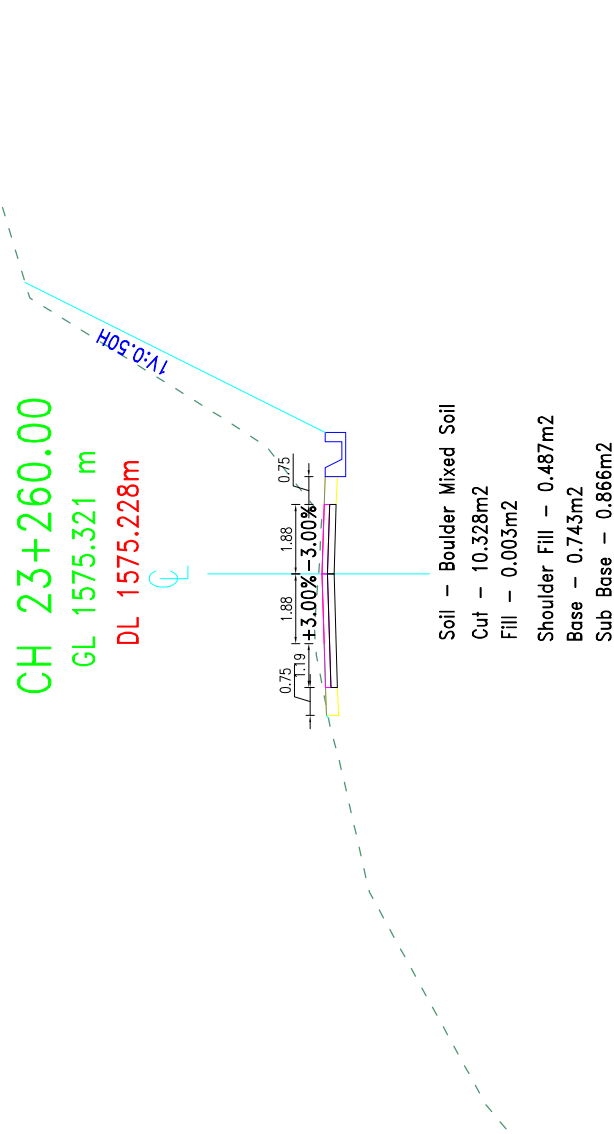
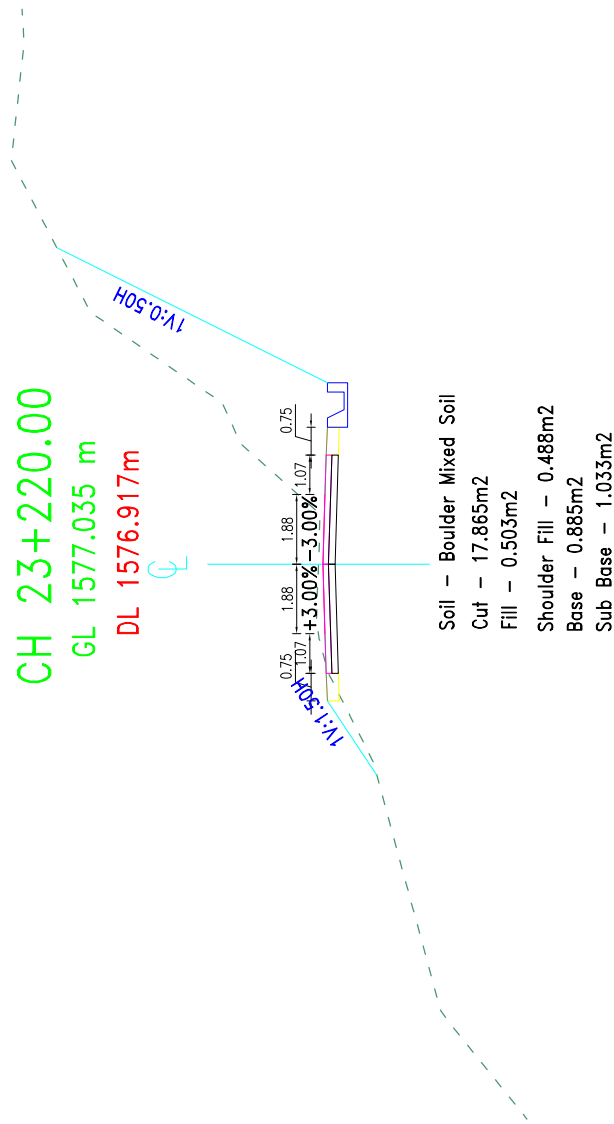
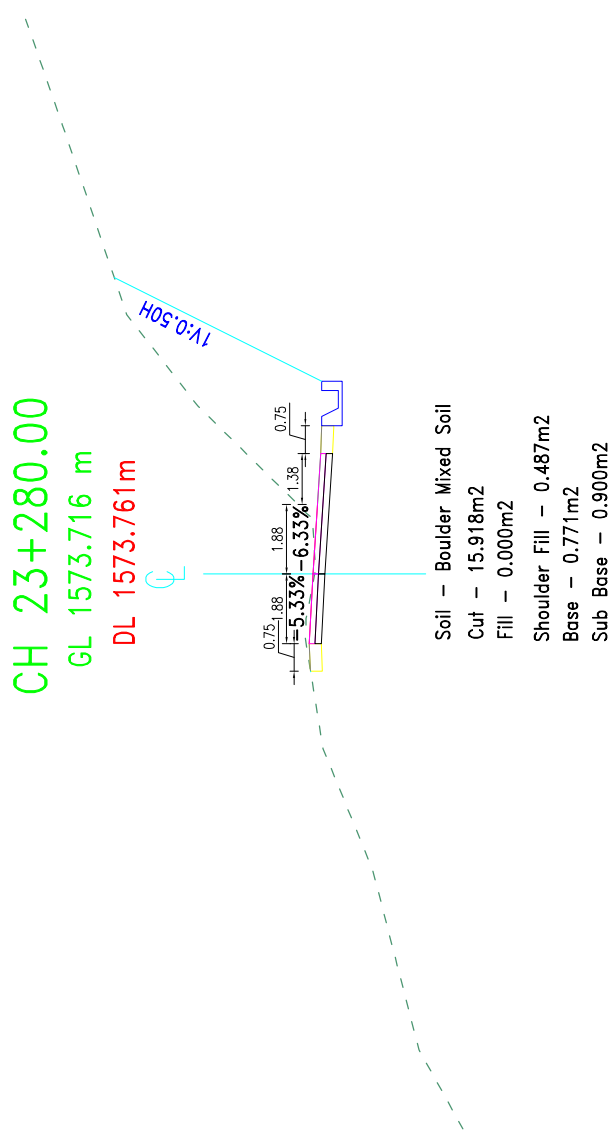
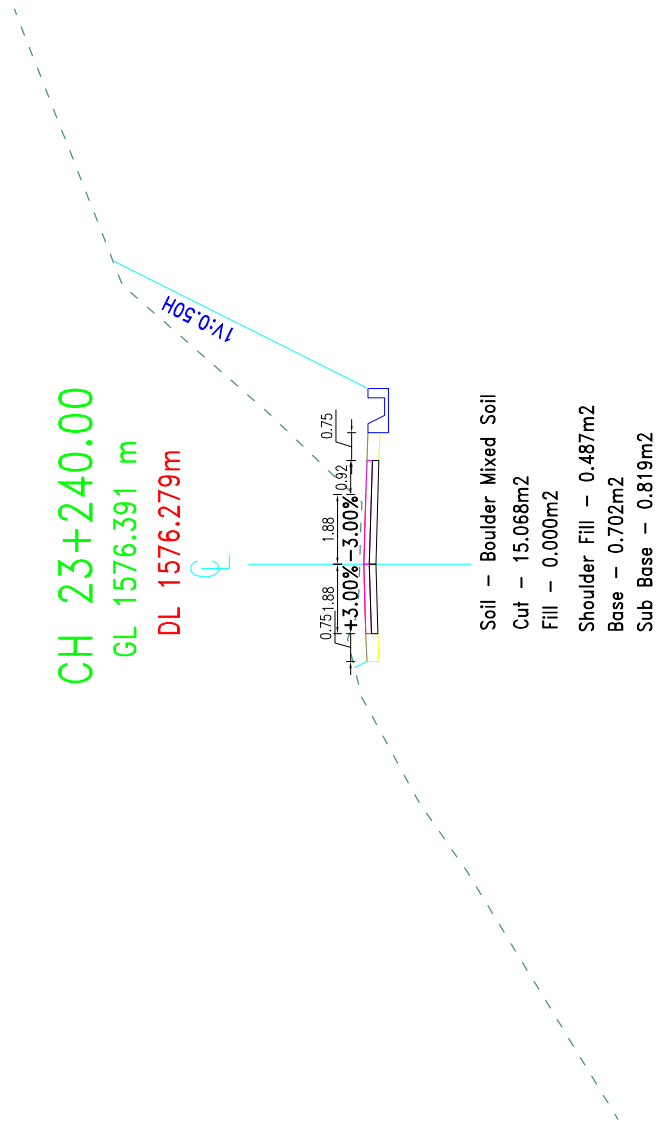


 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SUPERCOUNCIL LIMITED	 BEAM - CEMECA JV SANPA LAUTNER	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, D/R PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN (CONSIDERING THE EFFECT PLANNED FOR) BHIPHEDI - DUGATA - JHA DEHUR - SINGERI ROAD MAKWAHPUR, NEPAL		NAME	DESIGNATION	SIGNATURE	DATE	SCALE	CROSS-SECTION	DATE: September, 2017
										DRWG NO.: 3
										SHEET No.: 50
										1:200
										CH 29+050.00-29+200.00
										APPROVED BY : _____



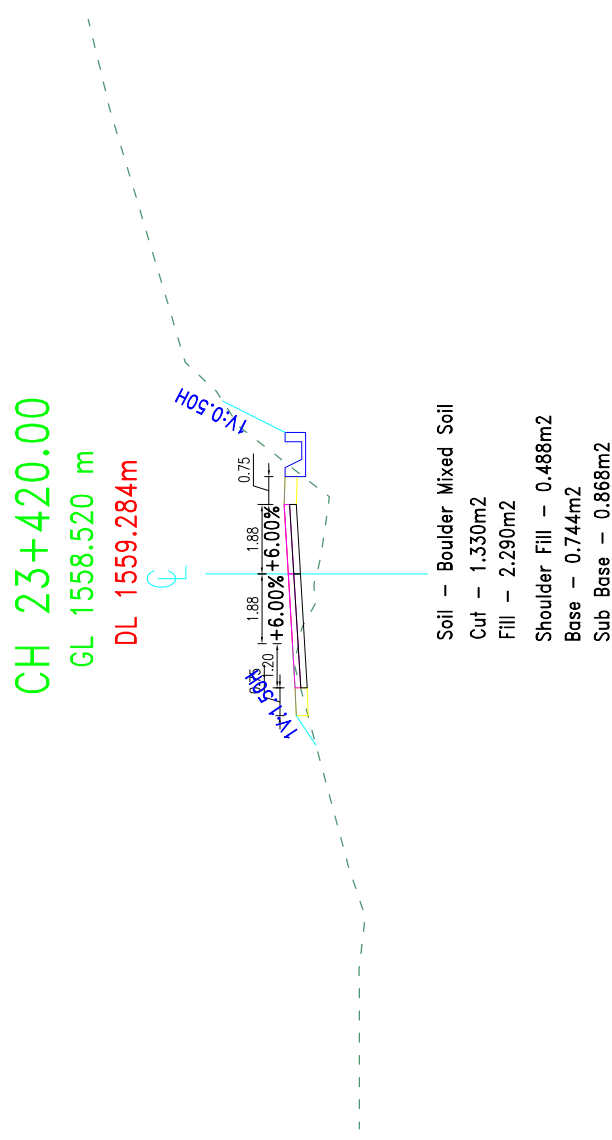
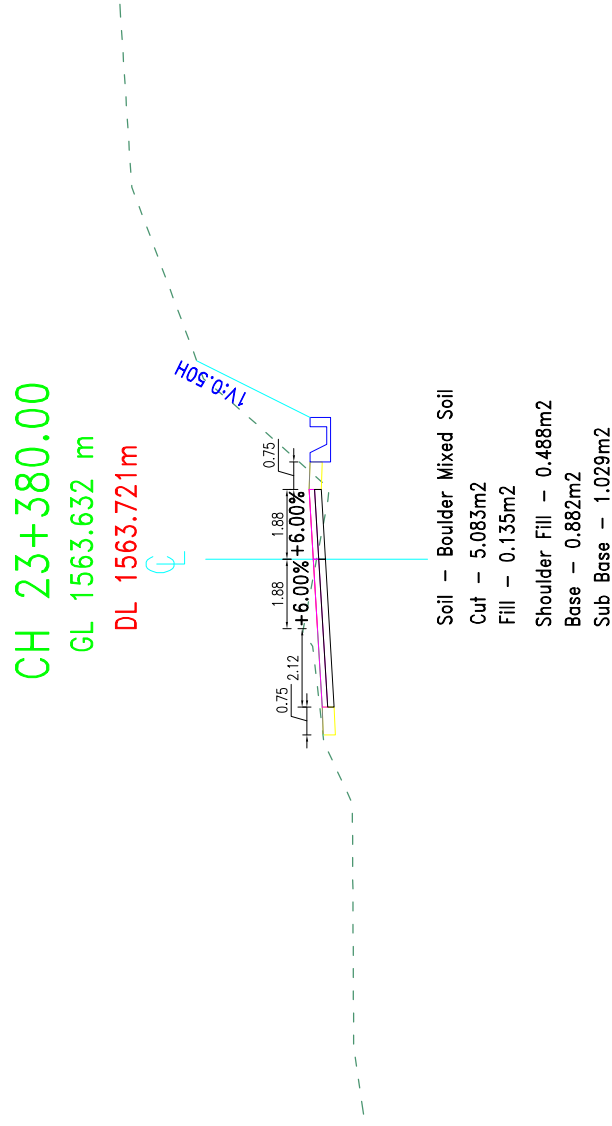
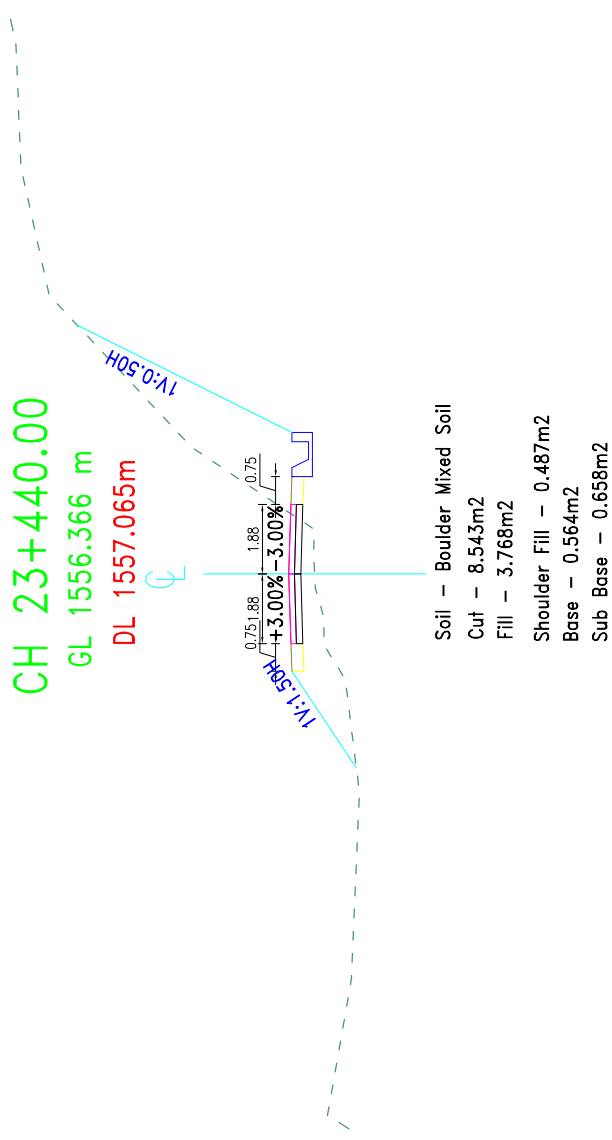
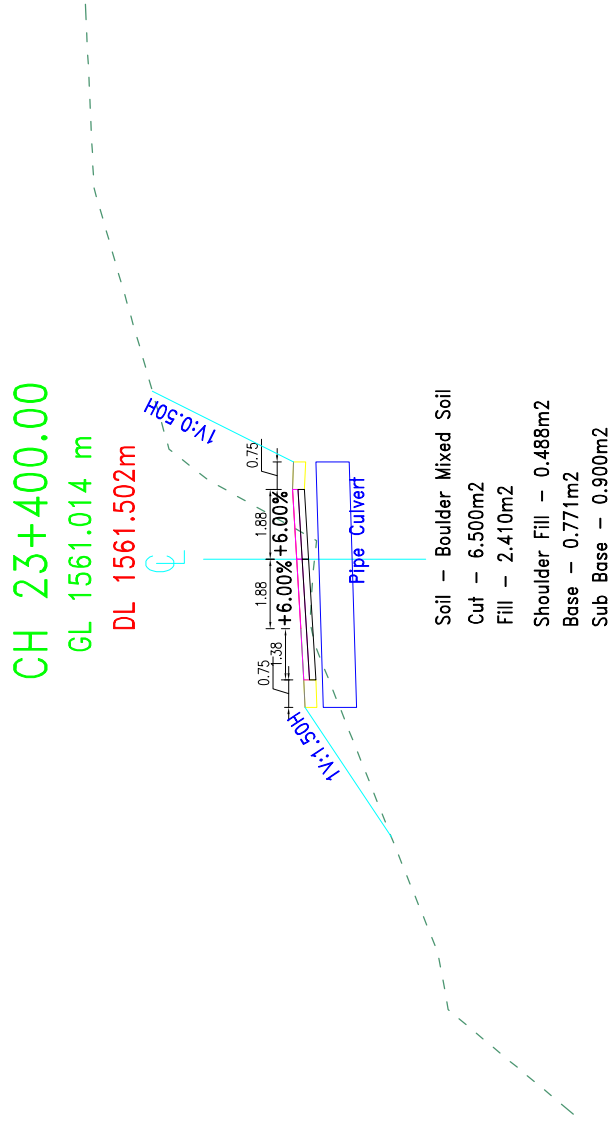
LEGENDS :		GENERAL NOTES :	
-----	CENTER LEVEL		GABION WALL
----	GROUND LEVEL		MASONRY WALL
----	DESIGN LEVEL		
----	SIDE DRAIN		

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT KATHMANDU EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU	CONSULTANT:  BEAM - CEMECA JV KATHMANDU	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, D/R PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN FOR THE PROJECT OF BHIMPHEDI - BOGATE - IPA DEURALI - SINSERI ROAD MAKWANPUR, NEPAL	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	CROSS-SECTION	DATE: September, 2017
			DESIGNED BY :						DRWG NO.: 3
			CHECKED BY :						
			RECOMMENDED BY :						
			APPROVED BY :						SHEET No. : 51
			CH 25+150.00-25+200.00						



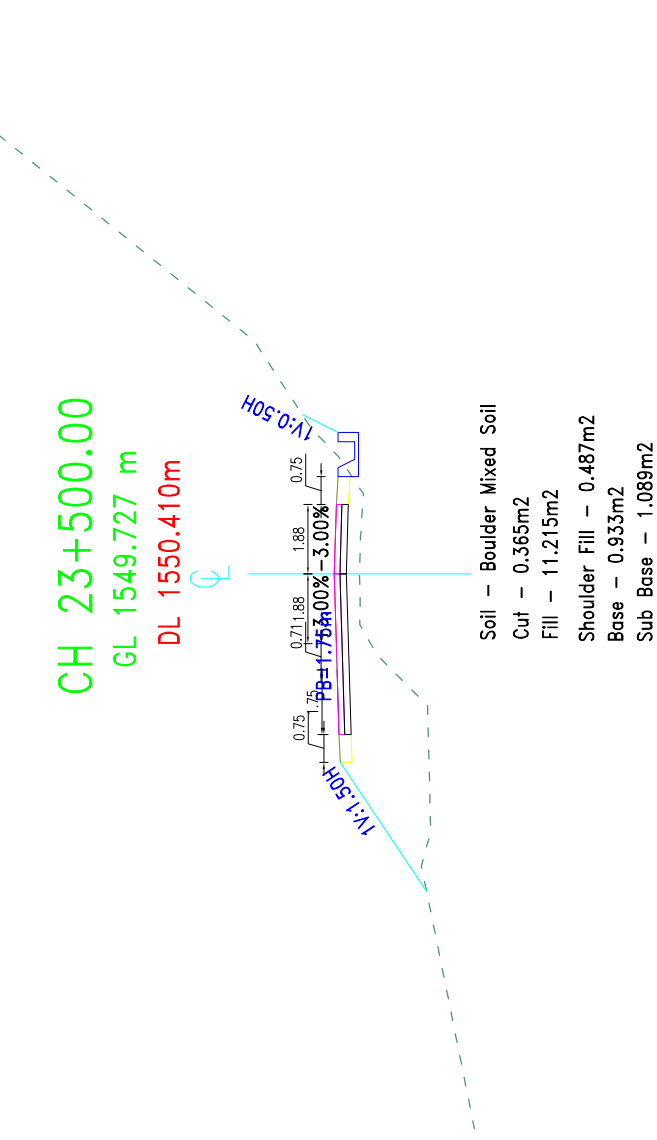
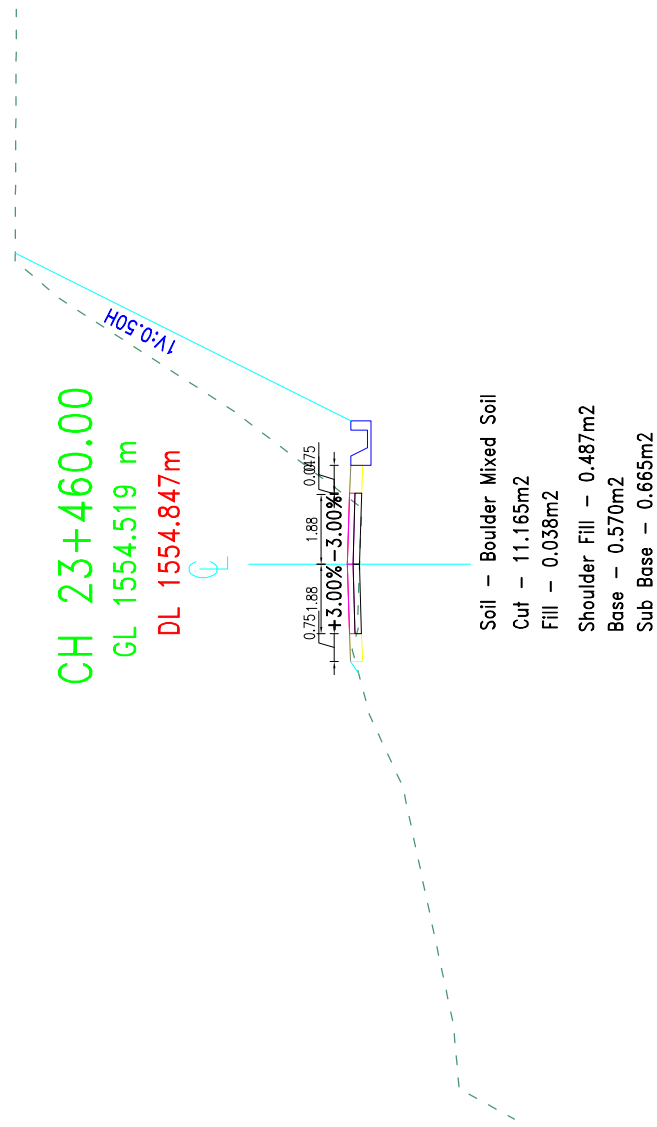
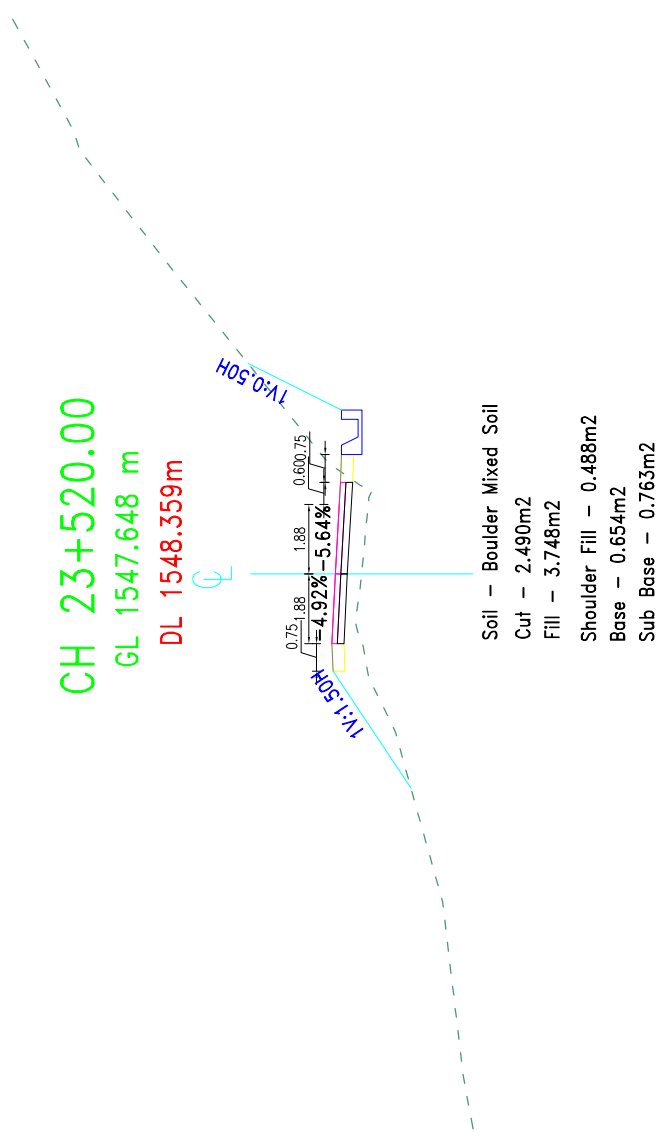
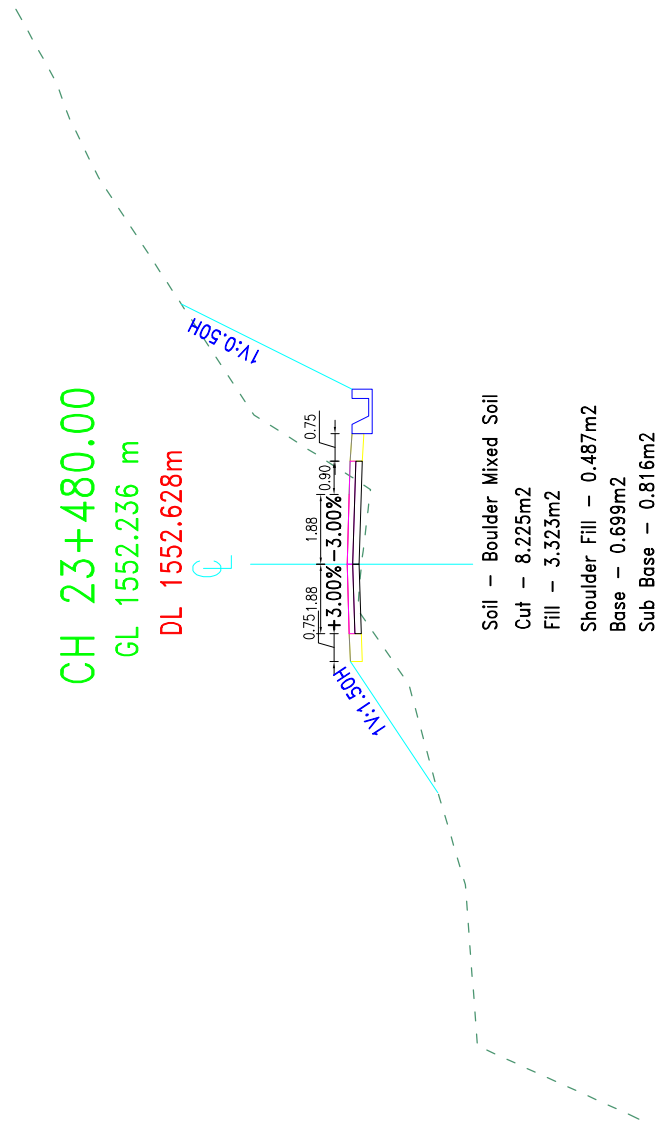
LEGENDS :  GABION WALL  CENTER LEVEL  DESIGN LEVEL  SIDE DRAIN  MASONRY WALL	GENERAL NOTES : 1. ALL THE DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED. 2. DO NOT SCALE THE DRAWING.
--	---

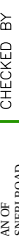
 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT SUPERVISOR/AUTHOR	 BEAM - CEMECA JV SANGE, LAUTNER	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, D/R PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN (CH 29+280.00 - 29+280.00) BIMPHEDI - BOKATE - IPA DEJURALI - SINNERI ROAD MAKMANPUR, NEPAL							SCALE 1:200	CROSS-SECTION CH 29+280.00 - 29+280.00	DATE: September, 2017
											DRWG NO.: 3
											SHEET No. : 52



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

 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT KATHMANDU EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU	 BEAM - CEMECA JV KATHMANDU	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, D/R PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN FOR THE PROJECT OF BHIMPHEDI - BOGATE - IPA DEURALI - SINSERI ROAD MAKAWAPUR, NEPAL	NAME	DESIGNATION	SIGNATURE	DATE	SCALE 1:200	CROSS-SECTION	DATE: September, 2017
			DESIGNED BY :						DRWG NO.: 3
			CHECKED BY :						
			RECOMMENDED BY :						
			APPROVED BY :						SHEET No. : 54
CH 25+350.00-25+400.00									



 GOVERNMENT OF NEPAL MINISTRY OF FEDERAL AFFAIRS AND LOCAL DEVELOPMENT CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT EARTHQUAKE EMERGENCY ASSISTANCE PROJECT KATHMANDU, NEPAL	 BEAM-CEMECA JV BEAM CONSULTANTS CEMECA CONSULTANTS CONSULTANT:	PROJECT: DETAILED ENGINEERING SURVEY, DESIGN OF ROAD, D/R PREPARATION & COST ESTIMATE, RESETTLEMENT PLAN (CONCESSION ROAD) OF KATHMANDU METROPOLITAN CORPORATION, DUGDAI, JHA, DEHRA, 4TH CROSSING ROAD KATHMANDU, NEPAL					SCALE 1:200	CROSS-SECTION CH 29+450.00-29+500.00	DATE: September, 2017
			DRWG NO.: 3						
			SHEET No. : 55						

