



Government of Nepal
Ministry of Urban Development
Department of Urban Development and Building Construction
Regional Urban Development Project
Project Coordination Office
Babarmahal, Kathmandu

DETAIL PROJECT REPORT
for
READINESS ROAD SUBPROJECT

VOLUME – III (DRAWINGS - PART 2/2)
SAINAMAINA URBAN ROADS, SAINAMAINA MUNICIPALITY
CH: 0+000 - 20+624.61 Km

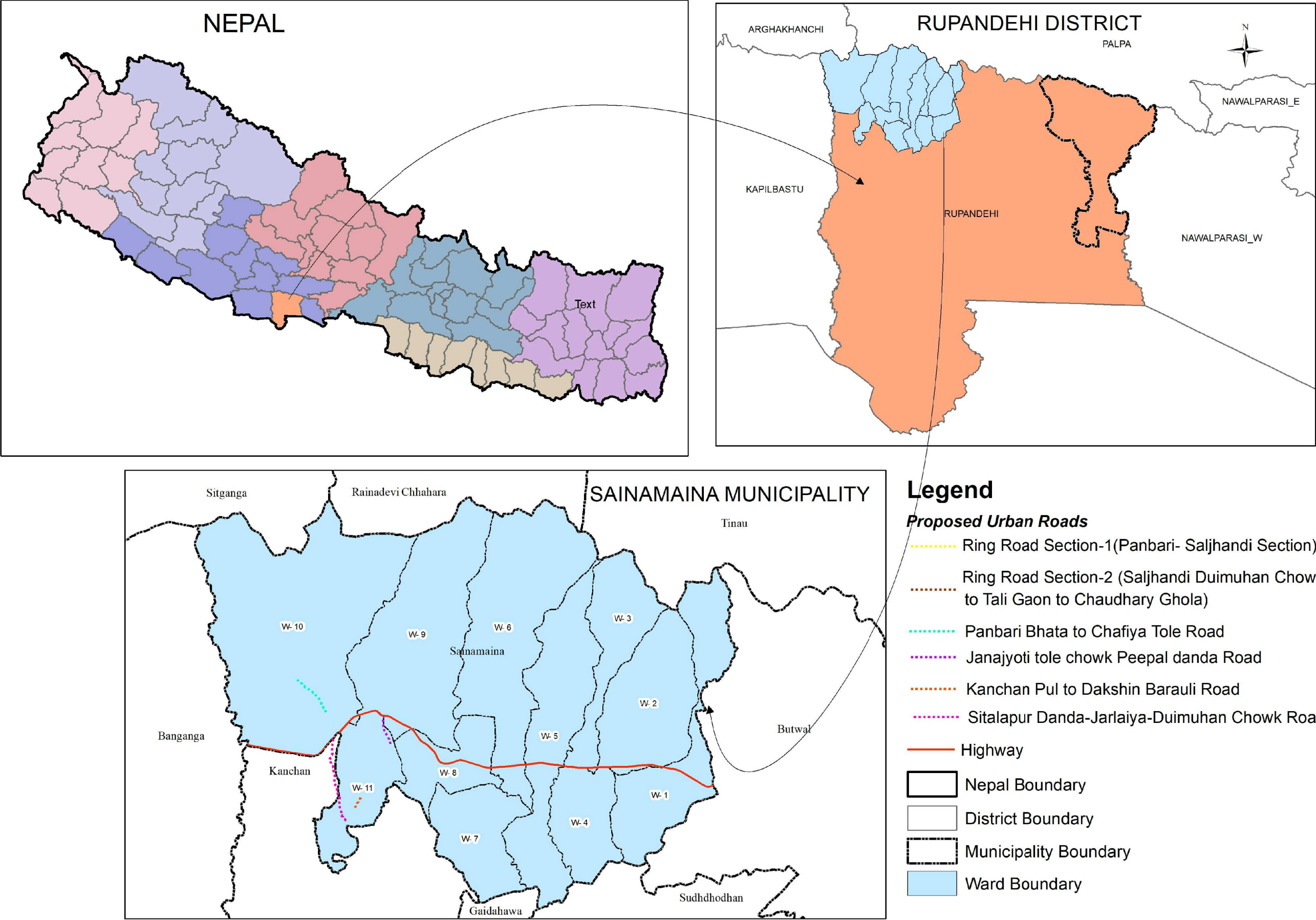
Pre-Feasibility Study, Feasibility Study and Preparation of Detail Project Report
of West Urban Corridor (WUC) Development Project
[Ref. No. RUDP/DUDBC/PDC/1-WC]

Consultant

DOHWA ENGINEERING *in association with* ERM (P.) Ltd., SILT Consultants (P.) Ltd., and DIGICON (P.) Ltd.

**3. SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK –TALI GAON –
CHAUDHARY GHOLA SECTION
CH: 0+000 TO CH: 5+261.16**

INDEX MAP



Department of Urban Development & Building
Construction (DUDBC)
Regional Urban Development Project (RUDP)
Project Coordination Office
Babarmahal, Kathmandu, Nepal

Reviewed & Designed By :
DOHWA Engineering Co. Ltd.
In Association with
ERM (P.) Ltd., SILT Consultants (P.) Ltd., and
DIGICON (P.) Ltd.
Mid- Baneshwor, Kathmandu
Tel: 01-4589393

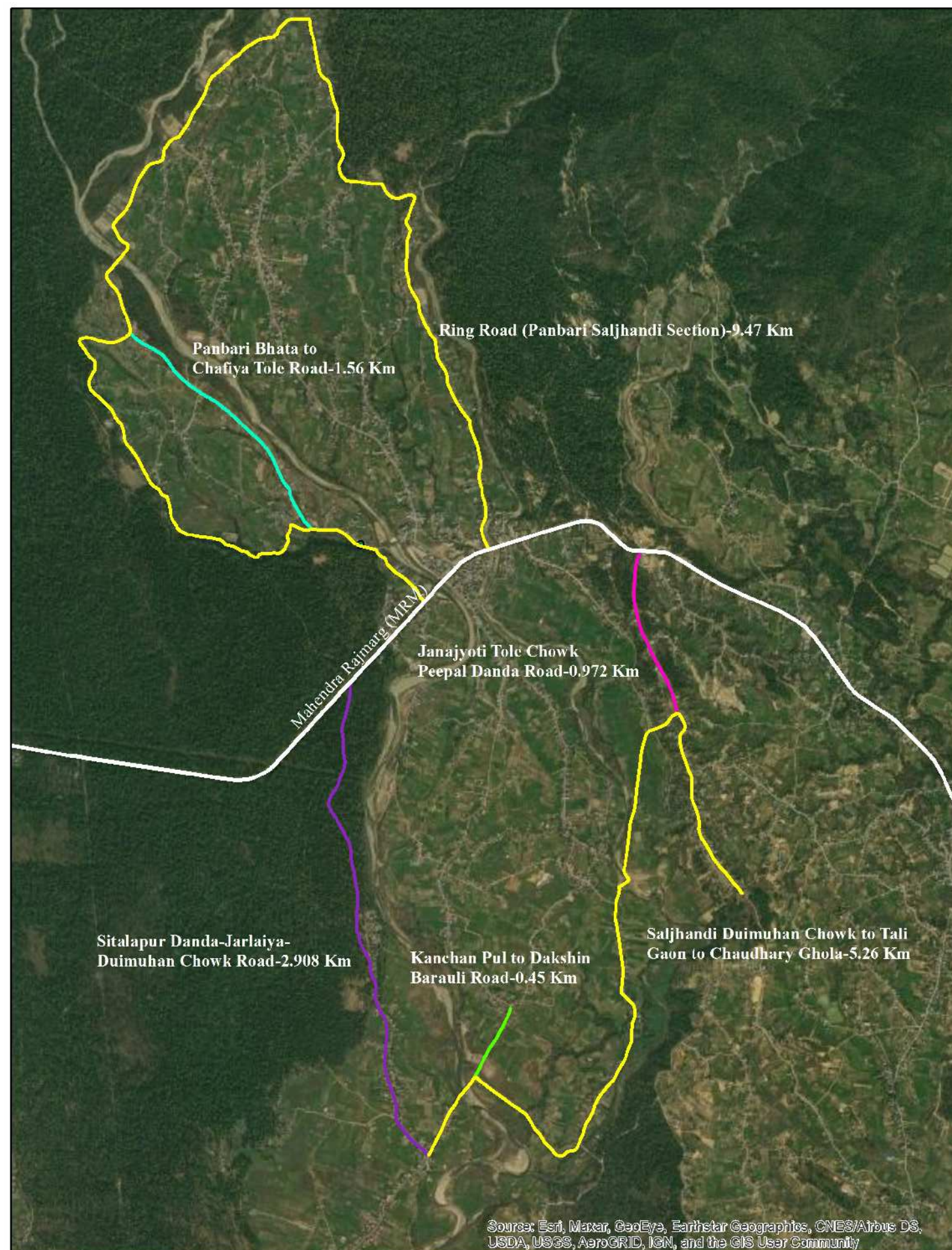
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : SABIN BAJRACHARYA

Client
Approved By :
Checked By :

Scale
NOT IN SCALE

**INDEX MAP OF SAINAMAINA
MUNICIPALITY**

REV : DEC 2024
TITLE : INDEX MAP
DRG NO : SIM/RD/IM/01
SHEET NO : 01/01



Department of Urban Development & Building
Construction (DUDBC)
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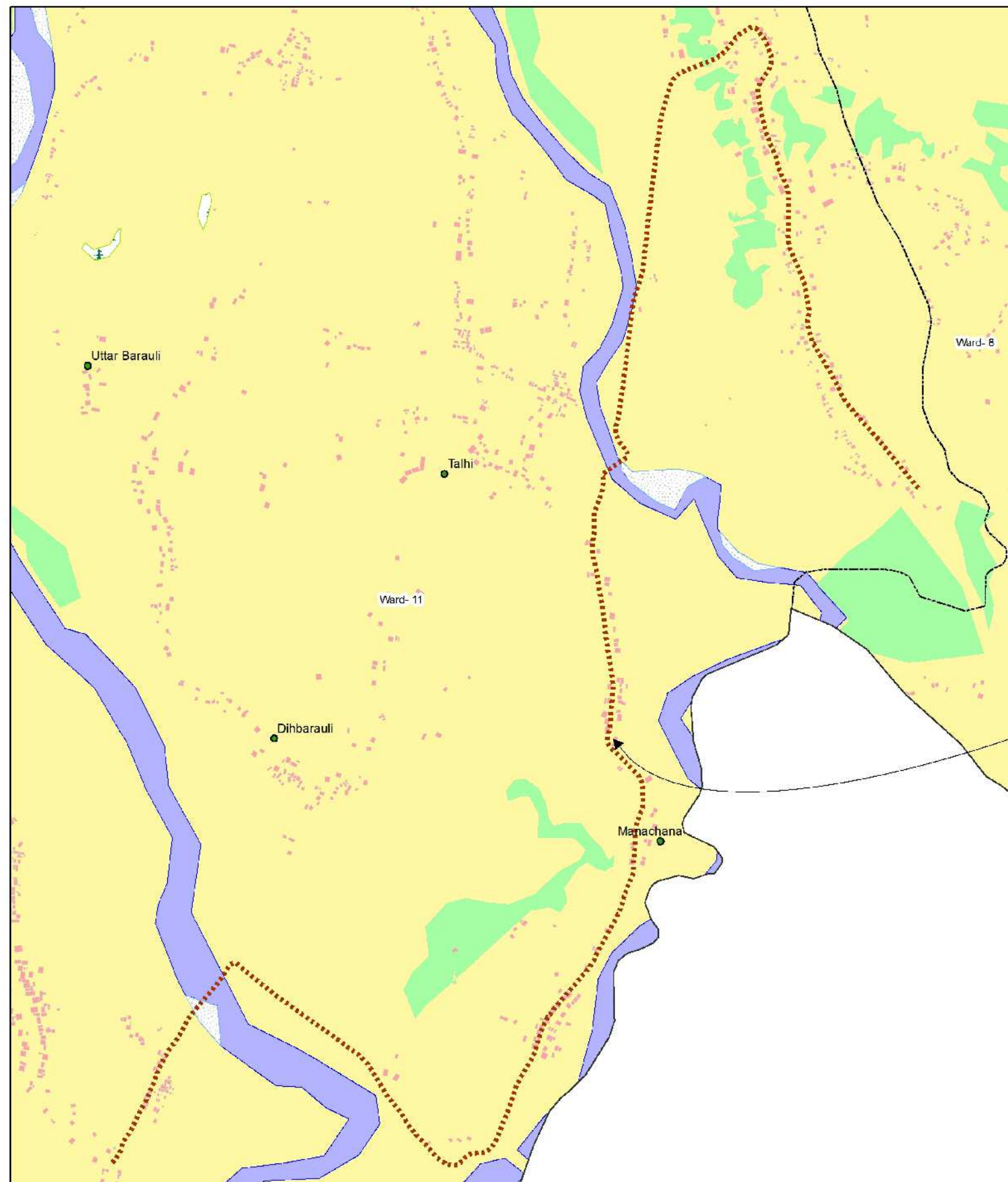
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Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : SABIN BAJRACHARYA

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Checked By :

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**SATELLITE MAP OF SAINAMAINA
MUNICIPALITY**

REV : DEC 2024
TITLE : SATELLITE MAP
DRG NO : SM/RD/IM/01
SHEET NO : 01/01



Legend

- Settlement
- ★ Sainamaina_Municipality

Ward

Landuse

- Built-up
- Forest
- Cultivation
- Barren Land
- Orchard
- Taal
- Tree Cluster
- River
- Sand Area

Proposed Urban Roads

- Sainamaina Ring Road Panbari Saljhandi Section
- Sainamaina Ring Road (Saljhandi Duimuhan Chowk to Tali Gaon to Chaudhary Ghola)
- Panbari Bhata to Chafiya Tole Road
- Janajyoti tole chowk Peepal danda Road
- Kanchan Pul to Dakshin Barauli Road
- Sitalapur Danda-Jarlaiya-Duimuhan Chowk Road



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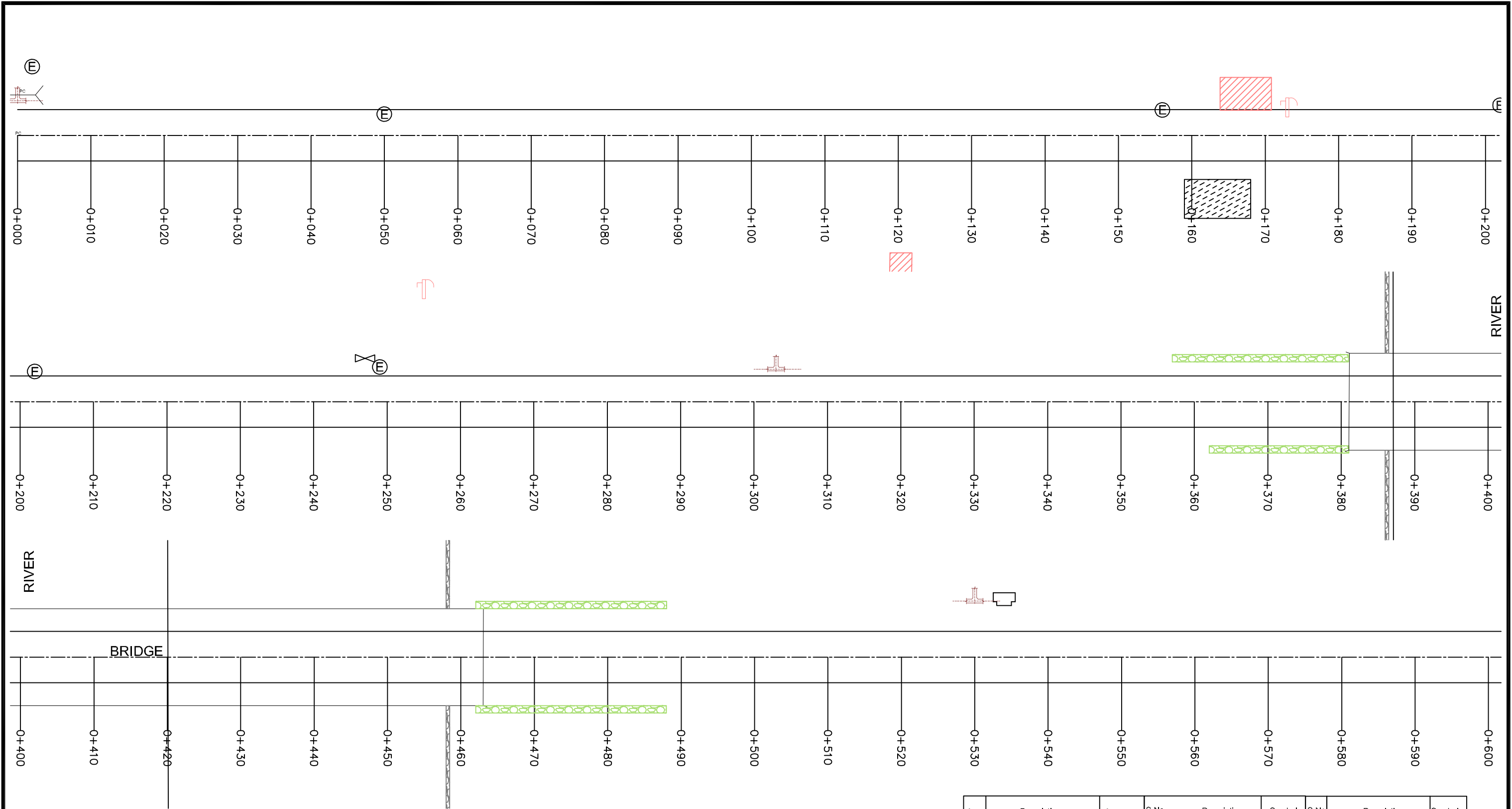
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Designed By : MANJU MUNANKARMI

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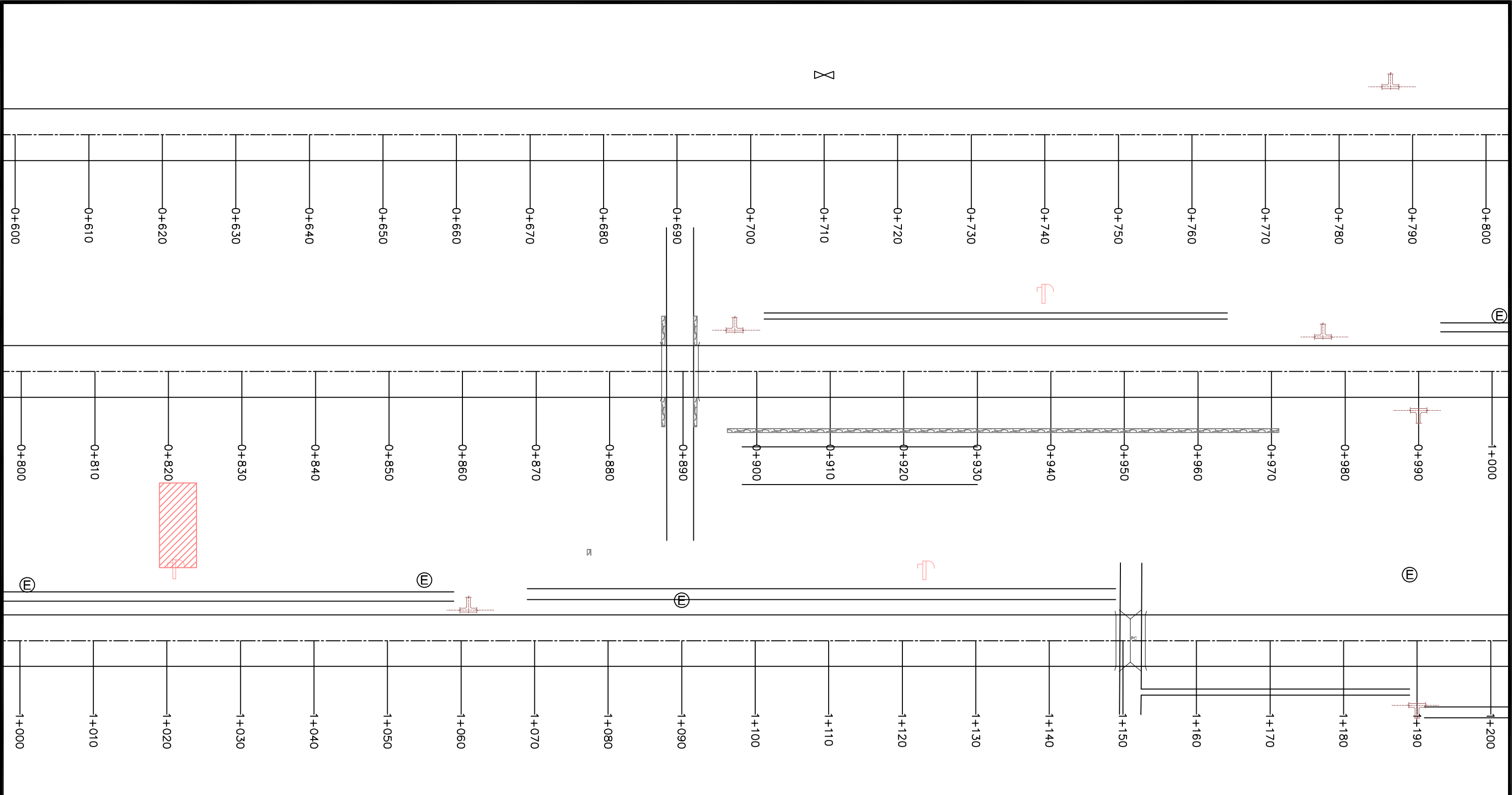
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**LOCATION MAP
OF
SAINAMAINA RING ROAD (SALJHANDI
DUIMUHAN CHOWK TO TALI GAON TO
CHAUDHARY GHOLA)**

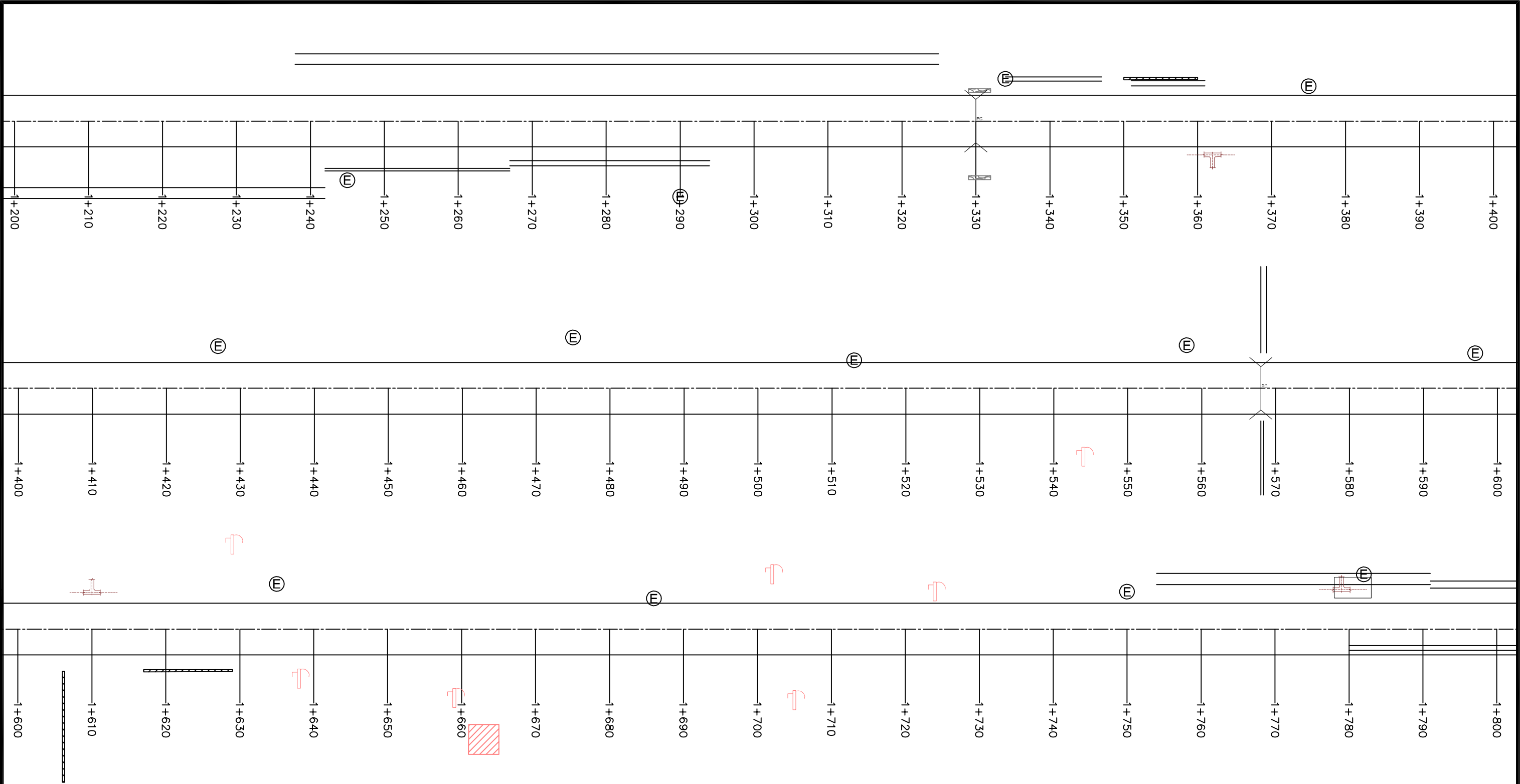
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TITLE : LOCATION MAP
DRG NO : SM/RD/LM/01
SHEET NO : 01/01



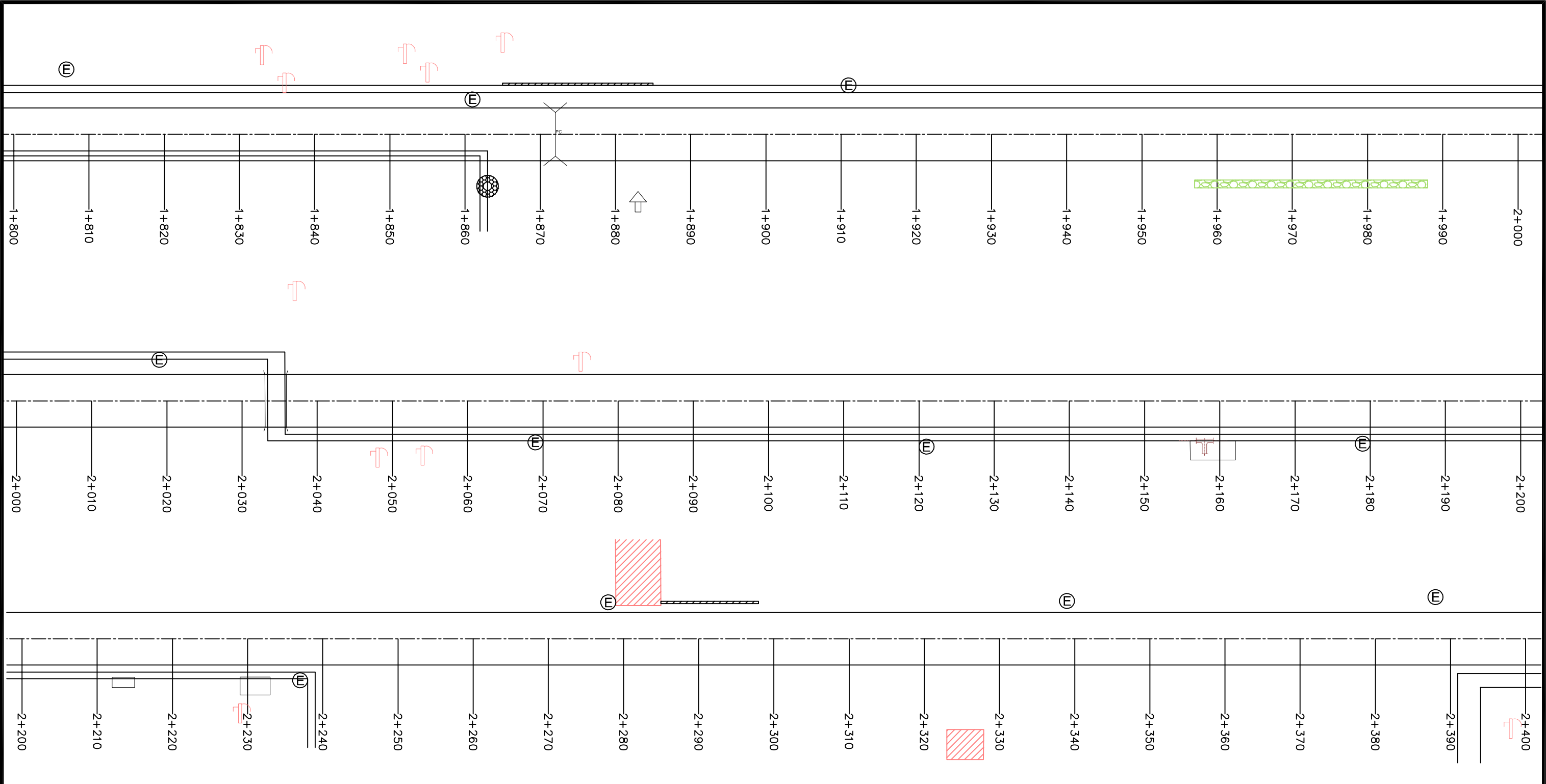
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03	CHAUTARA		12	WAITING_STATION		21	TAP	
04	SLAB		13	CHAMBER		22	TEMPLE	
05	MASONRY_STONE_WALL		14	PIPE		23	TRANSFORMER	
06	COVERED_DRAIN		15	HAND_PUMP		24	GATE	
07	DRAIN		16	BRIDGE		25	BOUNDARY_WALL	
08	EARTHEN_DRAIN		17	PIPE_CULVERT		26	GABION_WALL	
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						28	RIVER	



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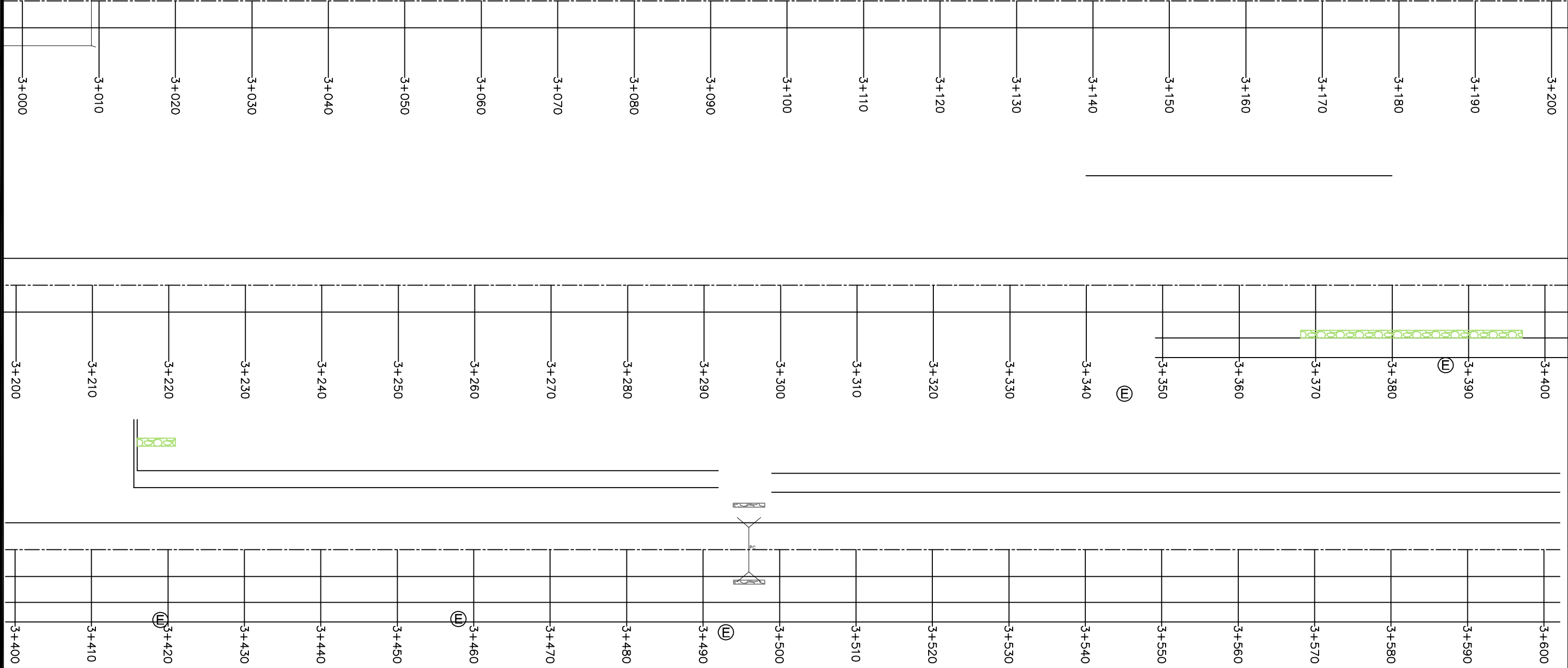


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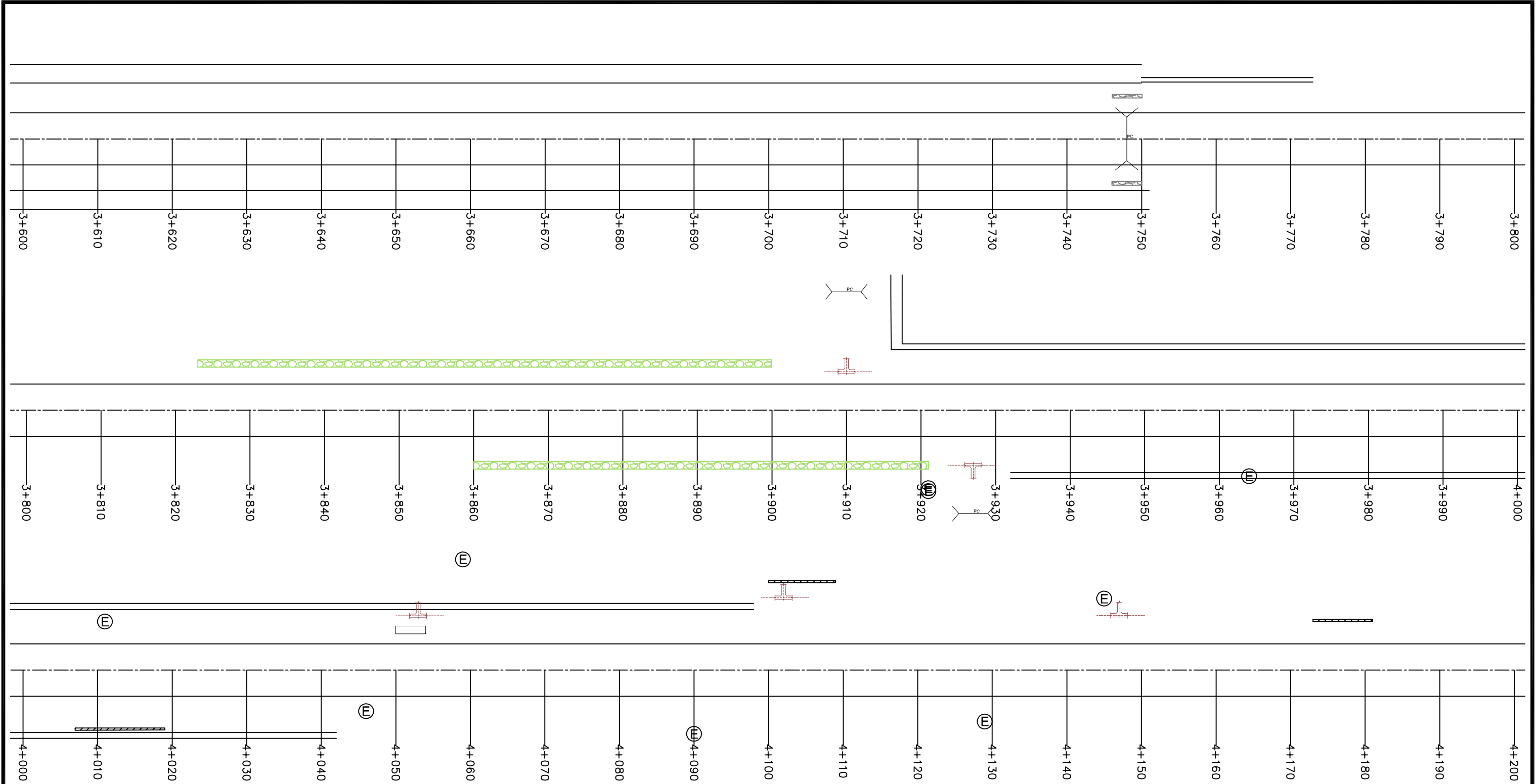


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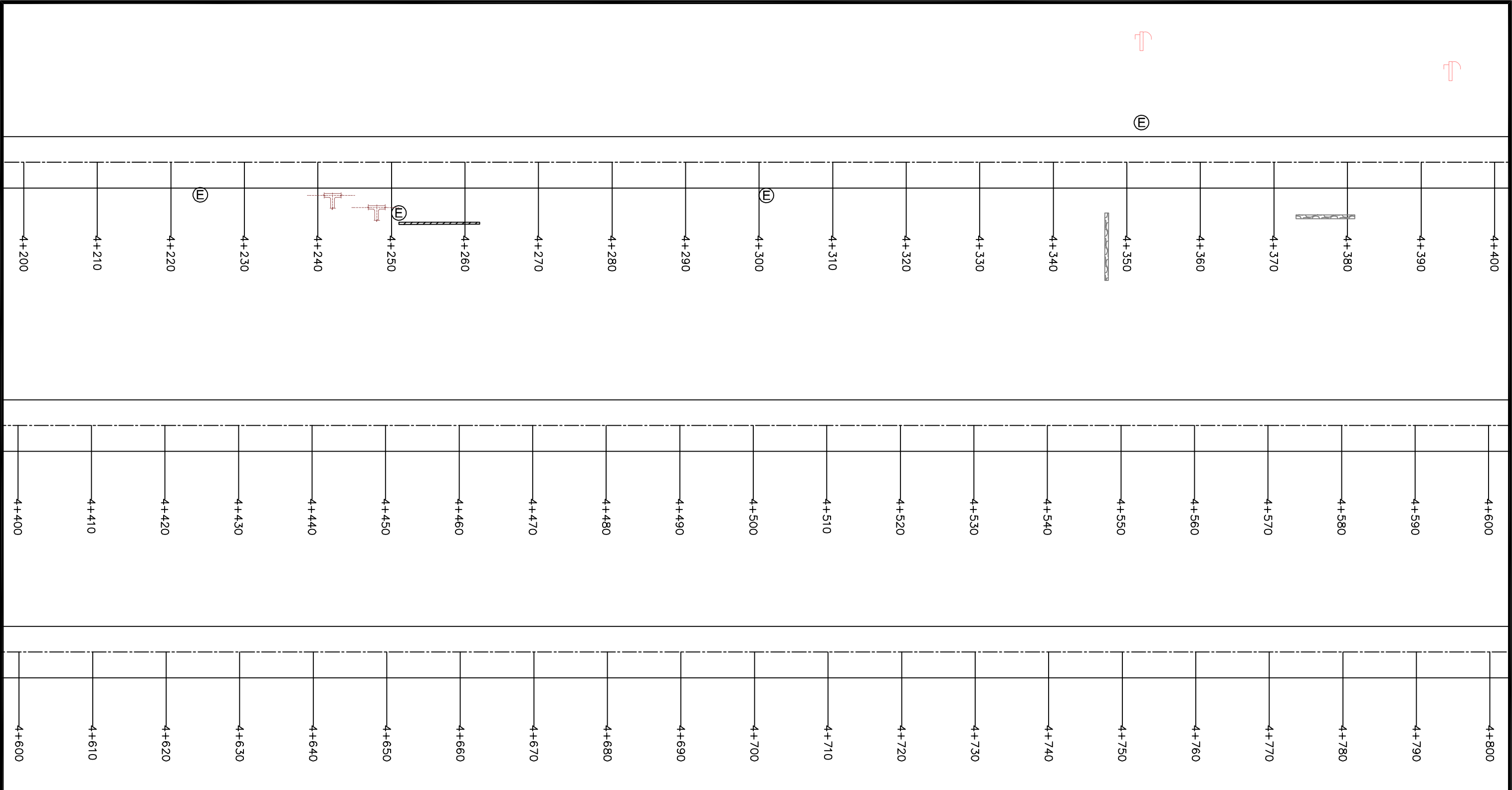
RIDGE



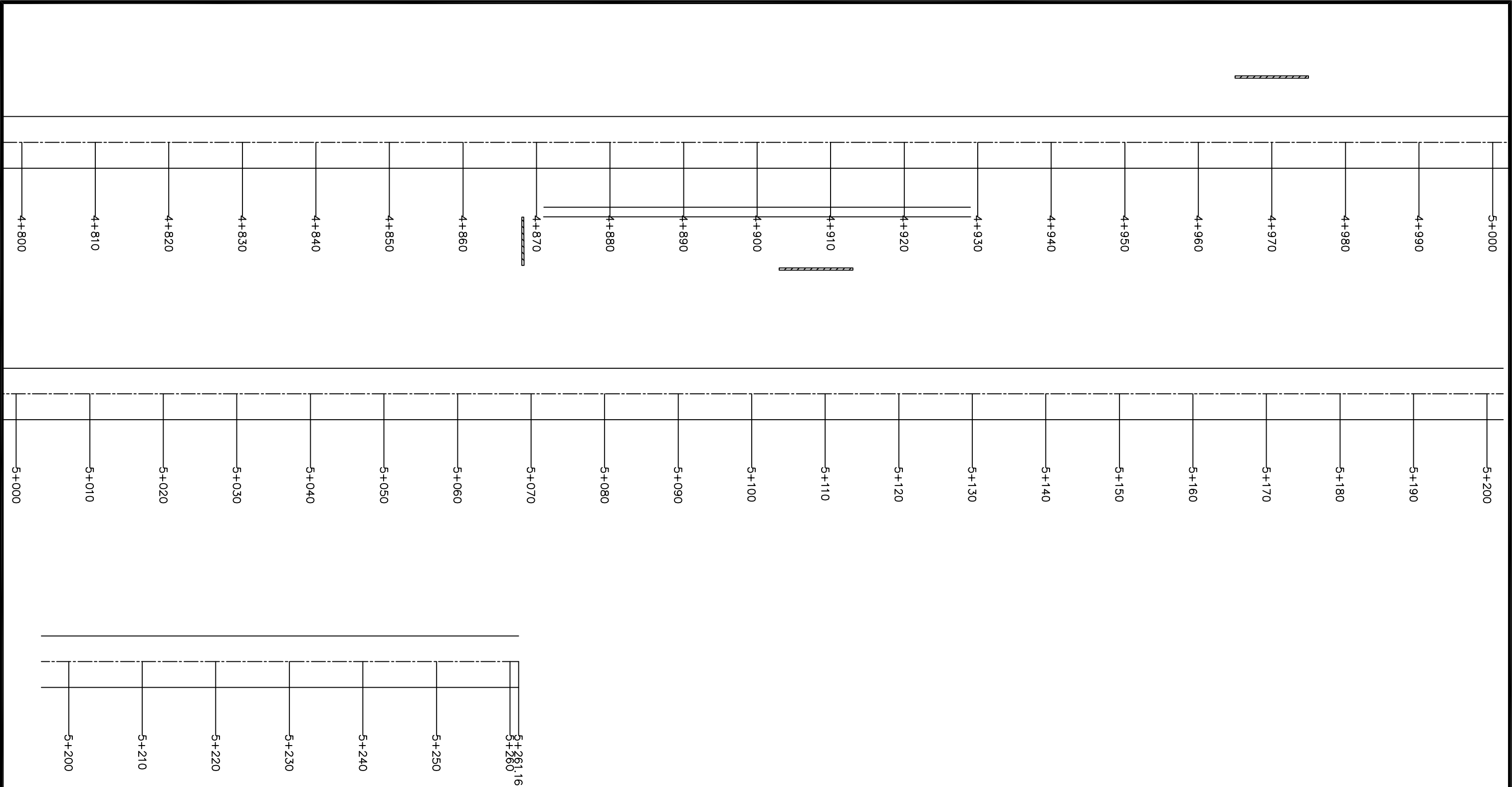
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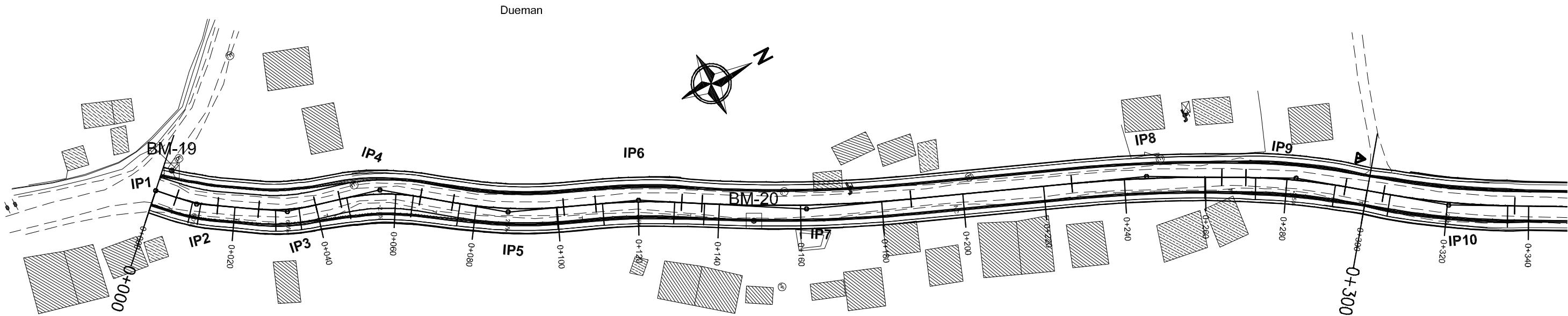
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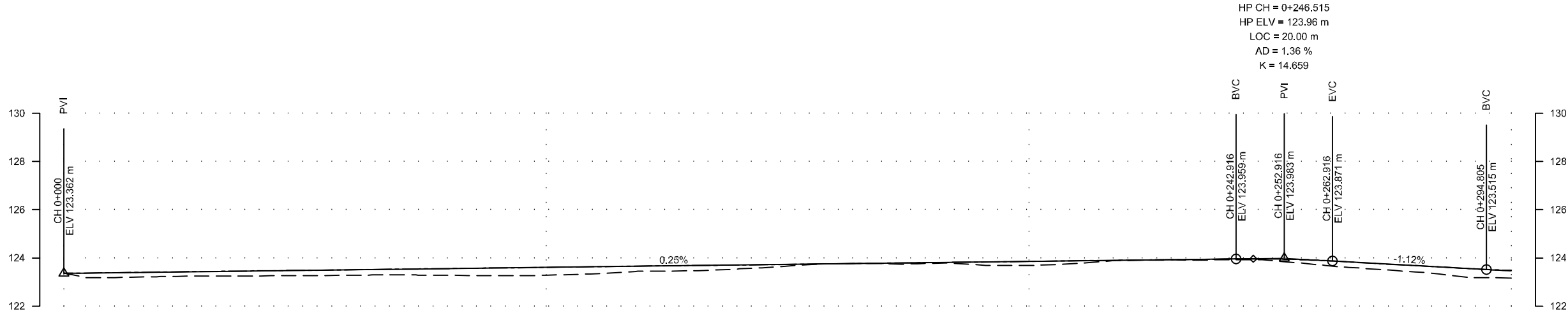
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IP No.	CO-ORDINATES(m)		WCB (D=45)	DIST. (m)	DEF. ANG. (D=45)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE		
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC
1	427438.404	3061629.467	45+20+13.31	0.000	00+00+0.00	0.000	0.000	0.000	0.000	0+000.000	0+000.000	0+000.000
2	427446.524	3061638.999	320+40+07	10.573	13+18+24.23	5.249	45.000	0.305	10.451	0+005.324	0+010.549	0+010.573
3	427469.828	3061655.924	14+03+67.3	22.441	17+58+2.34	7.114	45.000	0.559	14.111	0+025.892	0+032.508	0+032.967
4	427464.515	3061676.932	37+00+41.91	23.410	22+56+55.18	10.149	50.000	1.020	20.026	0+046.111	0+056.124	0+056.260
5	427483.776	3061704.182	22+05+28.92	31.897	14+55+12.98	13.749	105.000	0.896	27.343	0+074.258	0+087.507	0+087.983
6	427495.514	3061755.088	38+12+53.55	32.273	08+07+16.84	10.849	150.000	0.377	21.261	0+109.564	0+120.384	0+120.102
7	427516.758	3061783.882	21+47+25.02	41.423	06+25+20.53	25.771	350.000	0.948	51.449	0+135.719	0+167.143	0+167.450
8	427547.981	3061847.884	27+50+56.48	64.111	06+03+31.46	18.523	150.000	0.400	37.011	0+226.995	0+255.491	0+255.508
9	427565.163	3061880.503	37+15+42.87	36.780	05+24+46.38	12.549	150.000	0.507	24.643	0+260.894	0+282.223	0+282.283
10	427582.283	3061910.999	27+57+57.78	38.154	08+18+33.08	16.283	200.000	0.682	32.495	0+304.098	0+320.316	0+320.351



DESIGN LEVEL(m)	123.362	123.412	123.461	123.510	123.559	123.608	123.657	123.706	123.755	123.804	123.853	123.902	123.952	123.901	123.680	123.485
EXISTING LEVEL(m)	123.362	123.225	123.249	123.281	123.279	123.281	123.445	123.543	123.756	123.771	123.686	123.891	123.920	123.715	123.419	123.169
CHAINAGE(Km)	0+000	0+020	0+040	0+060	0+080	0+100	0+120	0+140	0+160	0+180	0+200	0+220	0+240	0+260	0+280	0+300
HORIZONTAL SCHEMATIC	L=5.324 L=10.451 R=45	L=10.078 L=14.111 R=45	L=6.147 L=20.026 R=50	L=8.099 L=27.343 R=105	L=7.875 L=21.261 R=150	L=5.004 L=51.449 R=350	L=39.817 L=37.011 R=350	L=9.908 L=24.643 R=150	L=6.453							
SUPER ELEVATION SCHEMATIC	SE:2.5% SE:2.5%	SE:2.5% SE:2.5%	SE:2.5% SE:2.5%	SE:2.5% SE:2.5%	SE:2.5% SE:2.5%	SE:2.5% SE:2.5%	SE:2.5% SE:2.5%	SE:2.5% SE:2.5%	SE:2.5% SE:2.5%	SE:2.5% SE:2.5%	SE:2.5% SE:2.5%	SE:2.5% SE:2.5%	SE:2.5% SE:2.5%	SE:2.5% SE:2.5%	SE:2.5% SE:2.5%	SE:2.5% SE:2.5%
CUT/FILL (m)	0.000	0.187	0.212	0.229	0.280	0.327	0.212	0.163	-0.001	0.033	0.168	0.011	0.032	0.186	0.261	0.316



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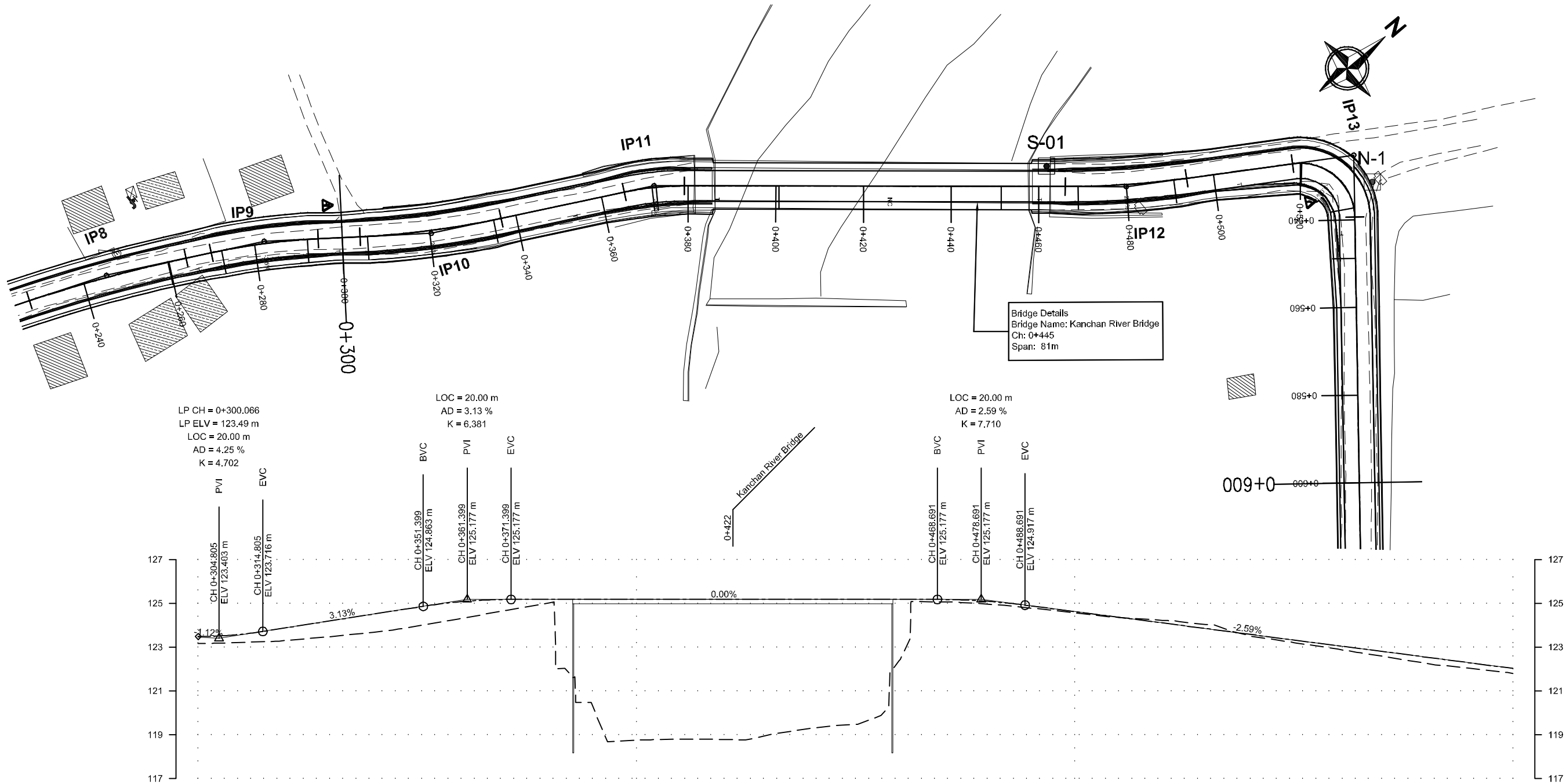
Client
Approved By :
Checked By :

Scale
HORIZONTAL 1:1000
VERTICAL 1:200

Plan & Profile
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024
DRG NO : SM/RD/PP/01
CHAINAGE : 0+000 to 0+300
SHEET NO : 01/18

IP No.	CO-ORDINATES(m)		WCB (D+MS)	DIST. (m)	DEF. ANG. (D+MS)	TAN LEN. (m)	SIMPLE CURVE DATA				CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP	
10	42758.283	3081910.865	27.574.75	38.154	08-18-33.09	16.283	200.000	0.862	32.495	0+304.068	0+320.316	0+338.583	0+350.351	
11	427612.626	3081955.780	40+555.48	51.975	124-46.71	63.16	65.000	0.367	13.780	0+365.333	0+372.225	0+379.118	0+372.254	
12	427662.020	3082034.191	32+852.26	107.786	07-57-55.23	13.914	200.000	0.483	27.783	0+466.025	0+479.916	0+483.908	0+479.959	
13	427708.001	3082083.962	129+02+18.95	52.409	06-55-45.59	14.104	12.500	6.346	21.140	0+518.198	0+528.789	0+530.339	0+532.303	
14	427867.001	3082004.830	125-1624.91	125.012	03-45-53.94	16.288	500.000	0.265	32.586	0+633.060	0+650.242	0+666.525	0+680.248	



DESIGN LEVEL(m)	123.485	123.879	124.506	125.075	125.177	125.177	125.177	125.177	125.177	125.094	124.624	124.105	123.586	123.068	122.549	122.030
EXISTING LEVEL(m)	123.169	123.303	123.677	124.311	125.008	118.766	118.790	119.298	122.391	124.964	124.570	124.224	123.510	122.909	122.264	121.806
CHAINAGE(Km)	0+300	0+320	0+340	0+360	0+380	0+400	0+420	0+440	0+460	0+480	0+500	0+520	0+540	0+560	0+580	0+600
HORIZONTAL SCHEMATIC																
SUPER ELEVATION SCHEMATIC																
CUT/FILL (m)	0.316	0.576	0.829	0.764	0.168	6.410	6.387	5.878	2.786	0.129	0.053	-0.119	0.077	0.158	0.284	0.224

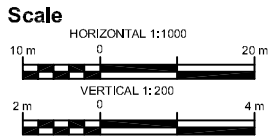


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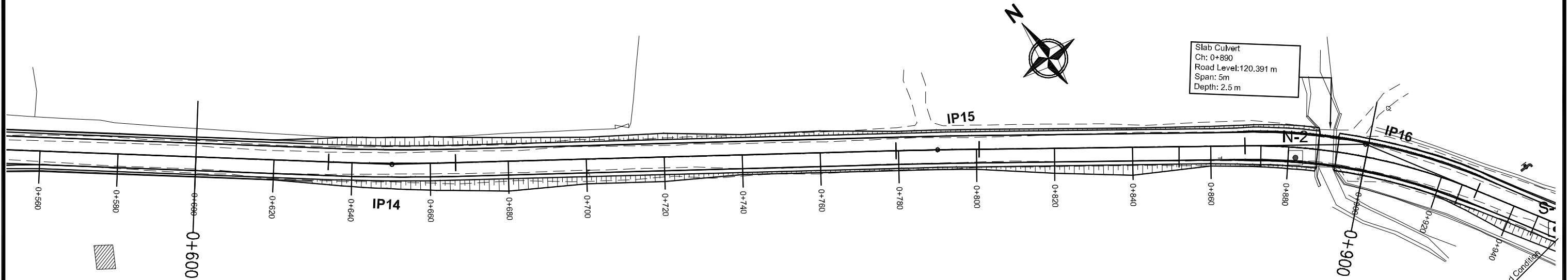
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DUMIHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

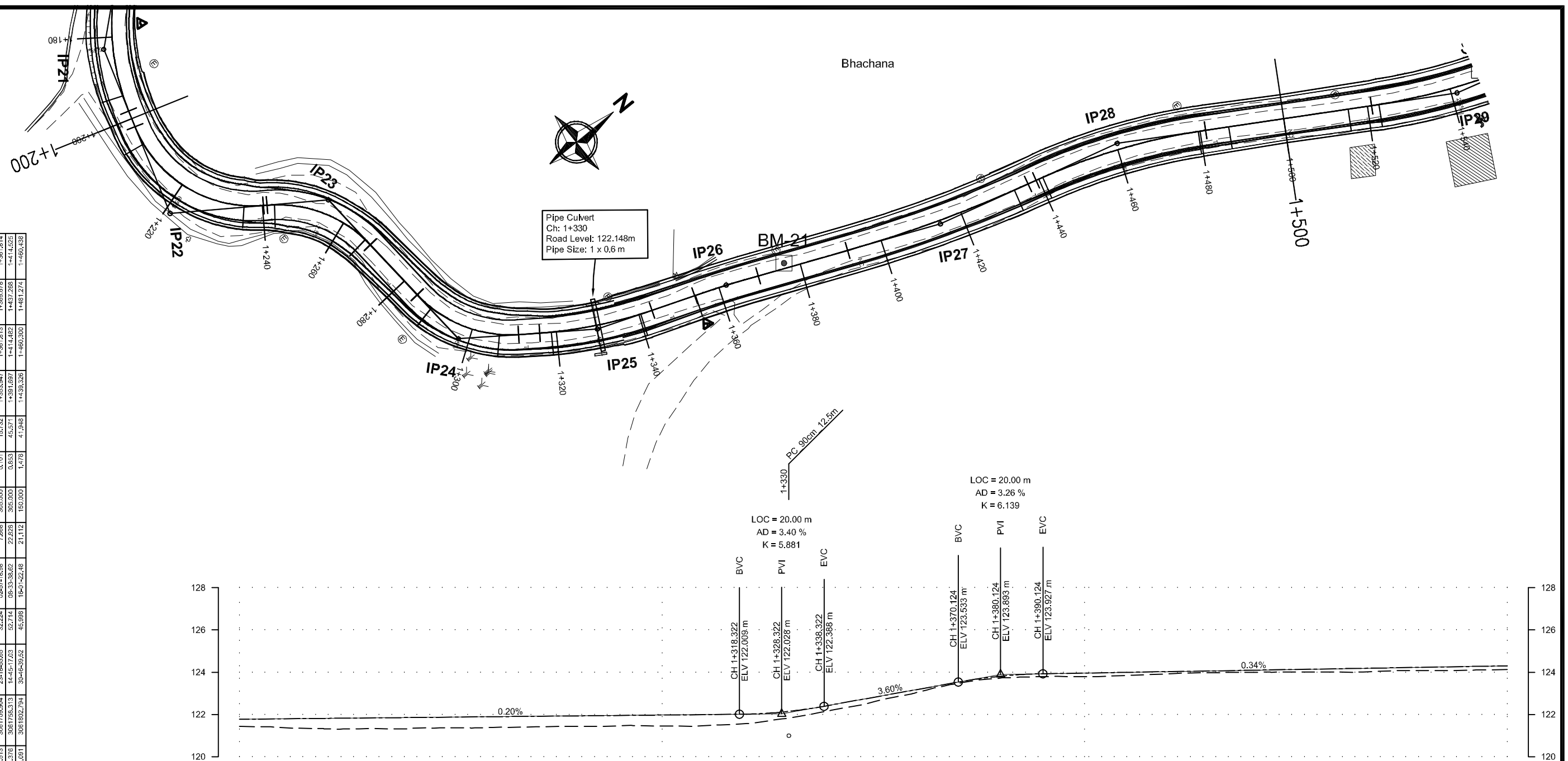
REV : DEC 2024
DRG NO : SM/RD/PP/02
CHAINAGE : 0+300 to 0+600
SHEET NO : 02/18



IP No.	CO-ORDINATES(m)		WGS (DMS)	DIST. (m)	DEF. ANG. (DMS)	SIMPLE CURVE DATA			CHAINAGE		
	EASTING	NORTHING				R (m)	E (m)	LC (m)	MC	BC	EC
14	427807.001	3062004.830	125°16'24.91"	125.012	03°43'53.34"	500.000	0.265	32.565	0+650.242	0+665.525	0+680.704
15	427821.110	3061924.018	126°02'10.97"	139.628	00°48'46.07"	1500.000	0.038	21.279	0+790.065	0+800.704	0+790.065
16	428008.685	3061858.379	140°25'29.99"	109.651	23°16'19.02"	150.000	3.157	61.013	0+899.288	0+920.705	0+899.216

DESIGN LEVEL(m)	122.030		121.511		121.194		121.123		121.053		120.982		120.911		120.841		120.770		120.699		120.629		120.558		120.488		120.418		120.391		120.443	
EXISTING LEVEL(m)	121.806		121.271		120.958		120.818		120.720		120.702		120.664		120.684		120.590		120.564		120.538		120.458		120.339		120.290		120.228		120.575	
CHAINAGE(Km)	0+600		0+620		0+640		0+660		0+680		0+700		0+720		0+740		0+760		0+780		0+800		0+820		0+840		0+860		0+880		0+900	
HORIZONTAL SCHEMATIC	L=33.960		L = 32.565 R = 500		L=112.900														L = 21.279 R = 1500		L=68.078				L = 61.013 R = 150							
SUPER ELEVATION SCHEMATIC	U+600		SE:-2.5%														U+651.865				U+661.615		U+669.365		U+672.885		SE:-3.5%		SE:-3.5%		D+900	
CUT/FILL (m)	0.224		0.240		0.236		0.305		0.333		0.280		0.247		0.157		0.180		0.135		0.091		0.100		0.148		0.128		0.163		-0.132	

IP No.	COORDINATES (m)		WOB (D-MS)	DIST. (m)	DEF. ANG. (D-MS)	TAN. LEN. (m)	SIMPLE CURVE DATA				CHANGAE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	P	
21	428177.146	306181.056	107.10-03.69	51.630	72-55-46.98	16.733	55.000	2.206	33.668	1167.401	-1182.725	-1198.048	-1183.334	
22	428217.184	3061816.854	34.19-19.67	41.886	72-54-40.07	22.157	30.000	7.935	30.148	1162.054	-1221.138	-1240.222	-1242.171	
23	428238.304	3061669.701	85.04-54.30	37.593	51-45-34.68	14.554	30.000	3.344	27.107	1241.104	-1254.655	-1263.206	-1258.659	
24	428283.304	3061652.760	35-15-33.33	45.049	50-51-50.57	14.265	30.000	1.231	25.632	1294.435	-1297.751	-1311.007	-1306.760	
25	429302.301	306179.693	2041-28.67	32.943	45-26-67.67	13.891	105.000	0.989	27.729	1316.004	-1326.617	-1343.281	-1336.744	
26	428313.513	3061709.904	23-18-55.65	32.024	42-57-18.38	7.868	305.000	0.101	15.152	1353.947	-1361.813	-1363.978	-1361.814	
27	428334.371	3061758.133	14-45-17.70	52.714	05-33-38.02	22.228	305.000	0.853	14.943	1391.087	-1411.402	-1437.208	-1414.525	
28	429344.001	3061802.764	30-09-39.59	45.988	10-12-48.48	21.112	105.000	1.478	41.947	1439.326	-1460.300	-1481.274	-1460.343	



DESIGN LEVEL(m)	121.774	121.814	121.853	121.893	121.933	121.972	122.014	122.449	123.168	123.809	123.960	124.029	124.097	124.165	124.233	124.301
EXISTING LEVEL(m)	121.442	121.326	121.335	121.390	121.440	121.457	121.565	122.192	123.024	123.722	123.795	123.928	123.999	124.007	124.075	124.125
CHAINAGE(Km)	1+200	1+220	1+240	1+260	1+280	1+300	1+320	1+340	1+360	1+380	1+400	1+420	1+440	1+460	1+480	1+500
HORIZONTAL SCHEMATIC																
SUPER ELEVATION SCHEMATIC																
CUT/FILL (m)	0.332	0.488	0.518	0.503	0.493	0.515	0.450	0.256	0.144	0.087	0.166	0.100	0.098	0.158	0.159	0.177

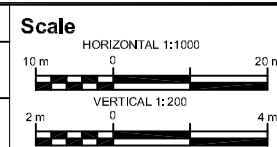


Department of Urban Development & Building
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Regional Urban Development Project (RUDP)
Project Coordination Office
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Mid- Baneshwor, Kathmandu
Tel: 01- 4589393

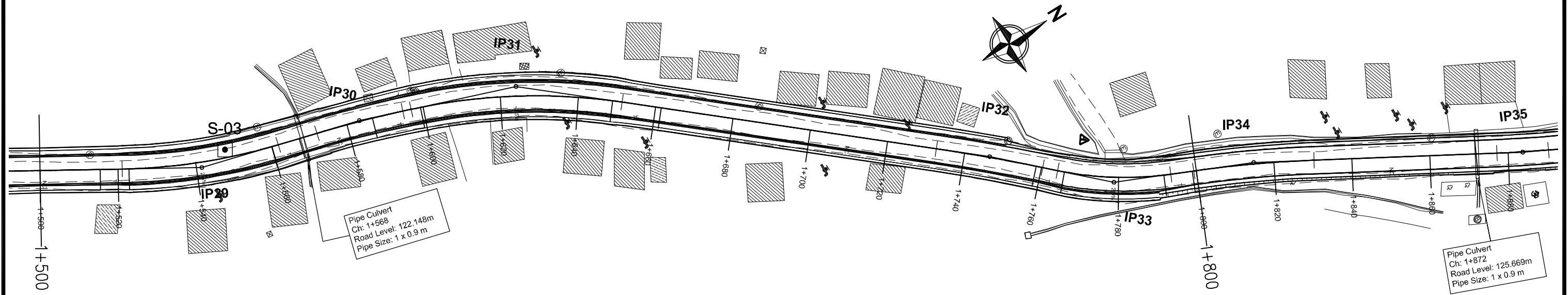
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



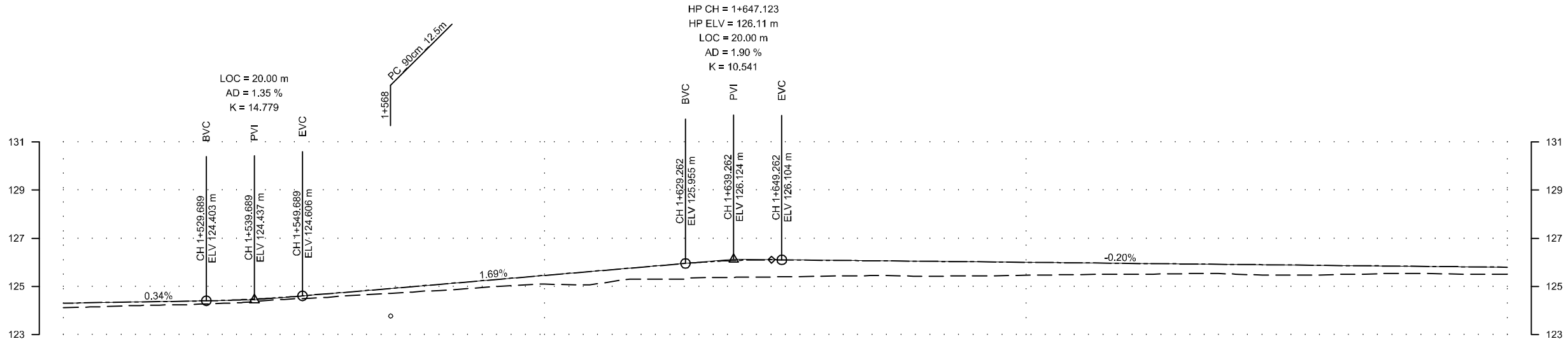
Plan & Profile
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV	: DEC 2024
DRG NO	: SM/RD/PP/05
CHAINAGE	: 1+200 to 1+500
SHEET NO	: 05/18



IP No.	COORDINATES(m)		WCB (D=Ms)	DIST. (m)	DEF. ANG. (D=Ms)	TAN. LEN (m)	SIMPLE CURVE DATA			CHAINAGE		
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC
28	428346.091	3061802.784	30+46+36.52	45.998	160+22.48	21.112	150.000	1.478	41.948	1+430.326	1+460.300	1+460.438
29	428387.703	3061872.660	15+15+48.43	81.319	15+31+21.08	20.444	150.000	1.387	40.638	1+431.037	1+541.356	1+541.481
30	428388.765	3061913.203	19+31+48.23	42.118	04+15+56.80	11.361	305.000	0.212	22.712	1+471.987	1+583.343	1+583.348
31	428412.505	3061951.962	40+17+21.92	41.059	20+46+3.70	27.486	150.000	2.488	54.370	1+486.911	1+624.095	1+624.280
32	428481.838	3062045.573	43+27+48.32	122.683	03+04+27.40	13.854	500.000	0.192	27.701	1+732.823	1+746.473	1+746.477
33	428514.177	3062069.144	23+49+15.41	32.475	19+38+33.91	14.715	85.000	1.254	29.141	1+764.230	1+778.801	1+778.945
34	428528.779	3062102.214	29+38+10.30	36.149	05+48+54.89	15.491	305.000	0.393	30.956	1+789.314	1+814.792	1+814.906

DESIGN LEVEL(m)	124.301		124.370		124.474		124.781		125.120		125.459		125.798		126.082		126.082		126.041		126.001		125.960		125.920		125.879		125.838		125.798	
EXISTING LEVEL(m)	124.125		124.226		124.375		124.616		124.852		125.098		125.296		125.378		125.428		125.424		125.464		125.504		125.530		125.477		125.538		125.497	
CHAINAGE(Km)	1+500		1+520		1+540		1+560		1+580		1+600		1+620		1+640		1+660		1+680		1+700		1+720		1+740		1+760		1+780		1+800	
HORIZONTAL SCHEMATIC																																
SUPER ELEVATION SCHEMATIC																																
CUT/FILL (m)	0.177		0.144		0.099		0.165		0.268		0.361		0.501		0.704		0.654		0.617		0.537		0.456		0.389		0.402		0.301		0.301	

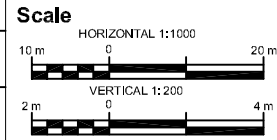


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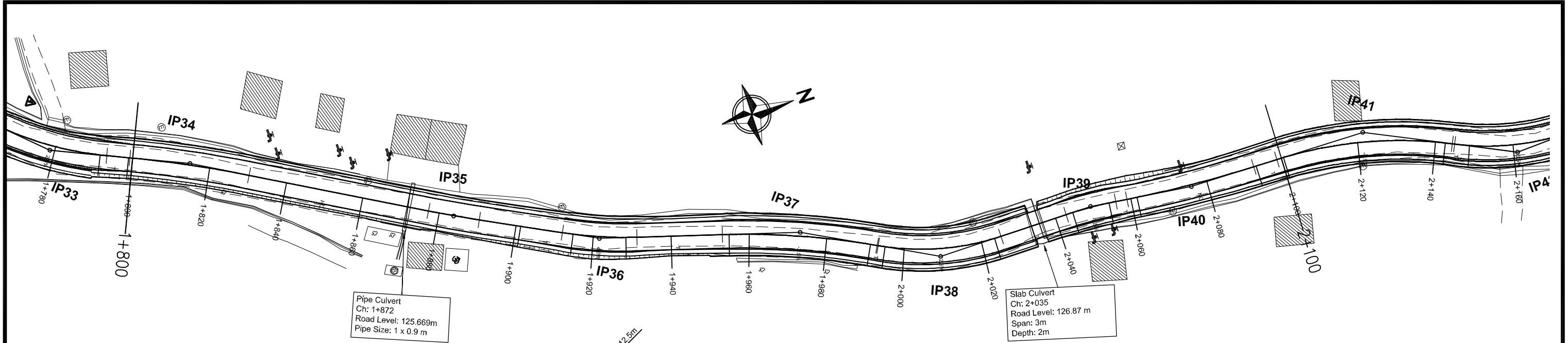
Consultant
Team Leader : YOO CHANGMIN
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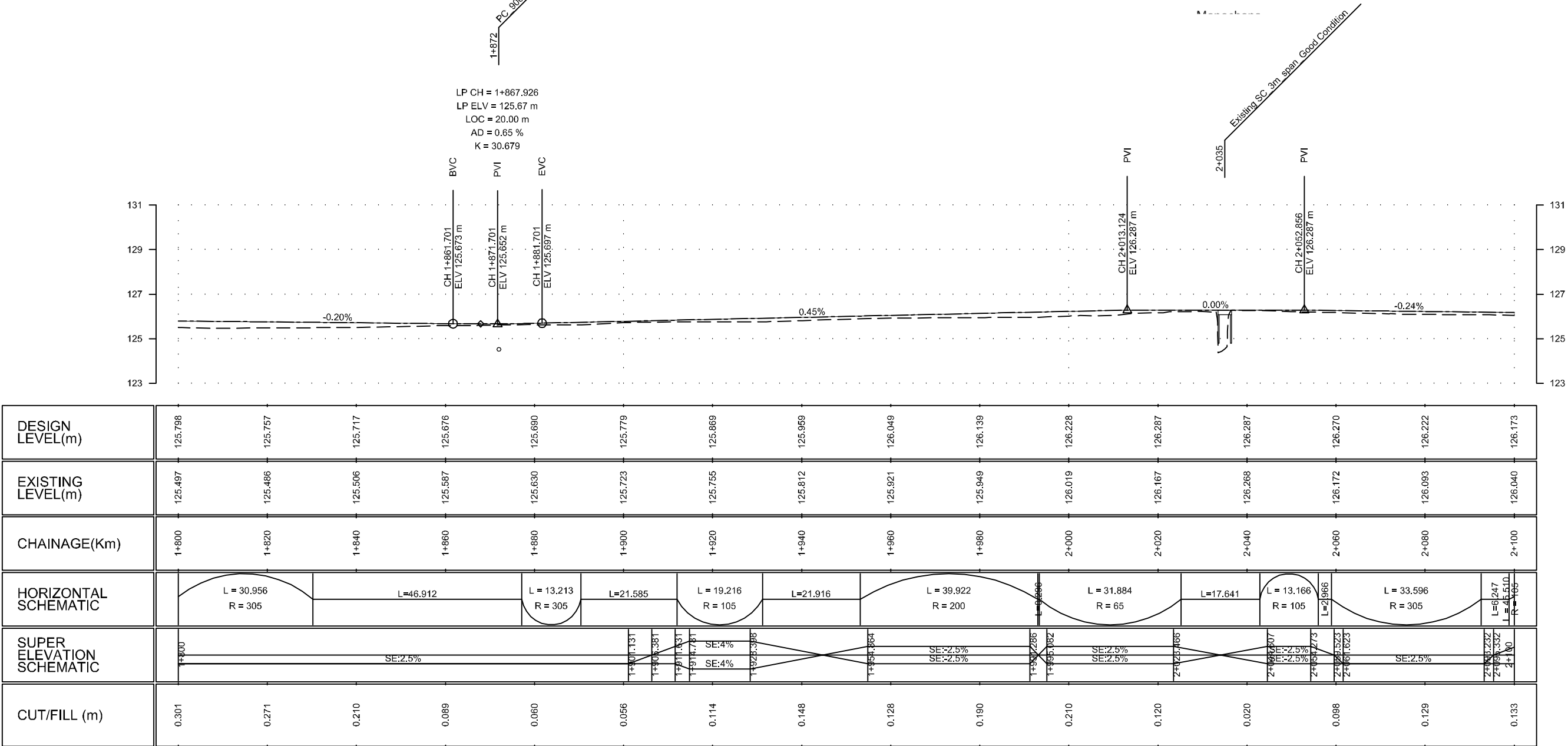


Plan & Profile
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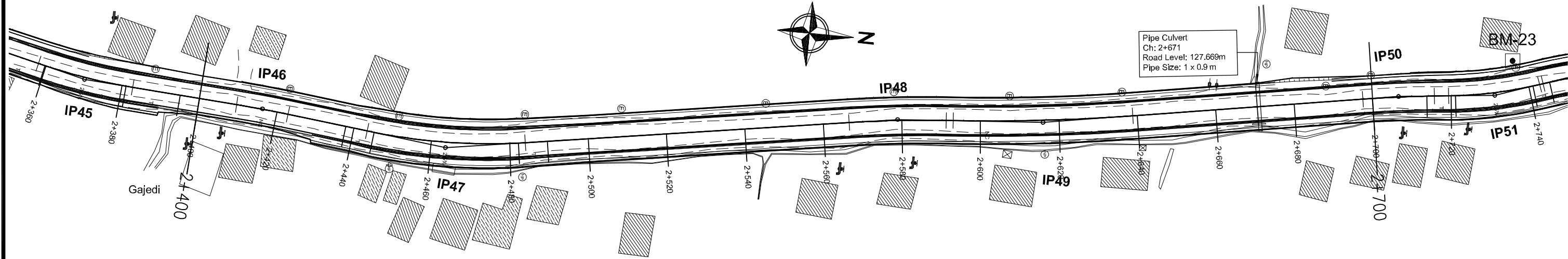
REV : DEC 2024
DRG NO : SM/RD/PP/06
CHAINAGE: 1+500 to 1+800
SHEET NO : 06/18



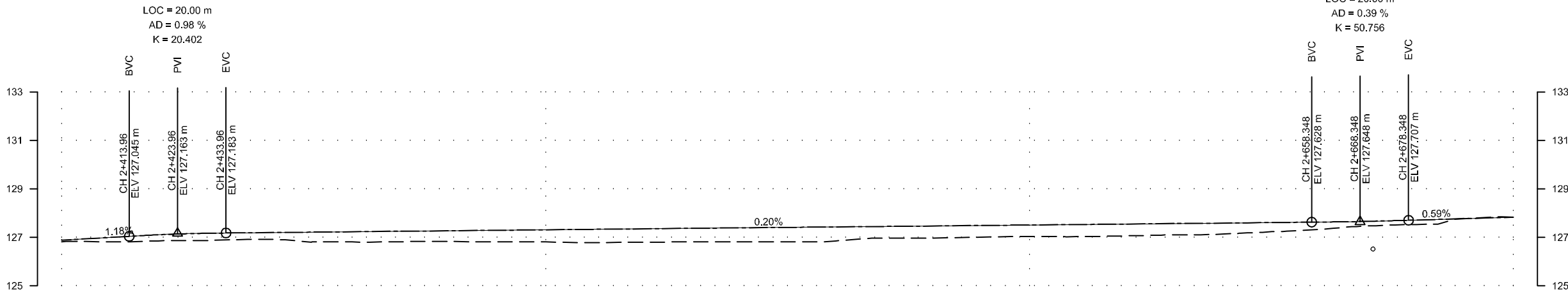
IP No.	CO-ORDINATES(m)		WCS (DMS)	DIST. (m)	DEF. ANG. (DMS)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE		
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC
34	428628.778	3082102.214	29-38-10.30	36.149	05-48-54.89	15.491	305.000	0.393	30.956	17993.314	1+814.792	1+814.806
35	428682.903	3082162.197	27-49-14.38	69.011	02-29-45.84	6.808	305.000	0.072	13.213	1+877.182	1+893.789	1+893.790
36	428680.167	3082195.856	15-40-56.40	37.828	10-29-48.87	9.635	305.000	0.441	19.216	1+911.981	1+921.590	1+921.616
37	428694.961	3082245.208	28-46-17.60	51.579	11-26-12.20	20.027	200.000	1.000	39.922	1+953.114	1+973.075	1+973.142
38	428612.200	3082277.546	00-00-00.00	36.993	28-46-17.60	16.270	85.000	2.005	31.884	1+993.332	2+009.274	2+009.402
39	428612.200	3082318.048	07-11-33.36	40.502	07-11-33.36	6.592	105.000	0.207	13.166	2+042.857	2+049.440	2+049.504
40	428615.981	3082344.214	04-22-22.84	26.373	08-18-40.32	18.115	305.000	0.463	33.596	2+053.989	2+075.787	2+075.804
41	428616.202	3082390.389	25-42-24.50	46.189	24-50-1.86	23.118	105.000	2.515	45.510	2+088.832	2+121.897	2+121.950



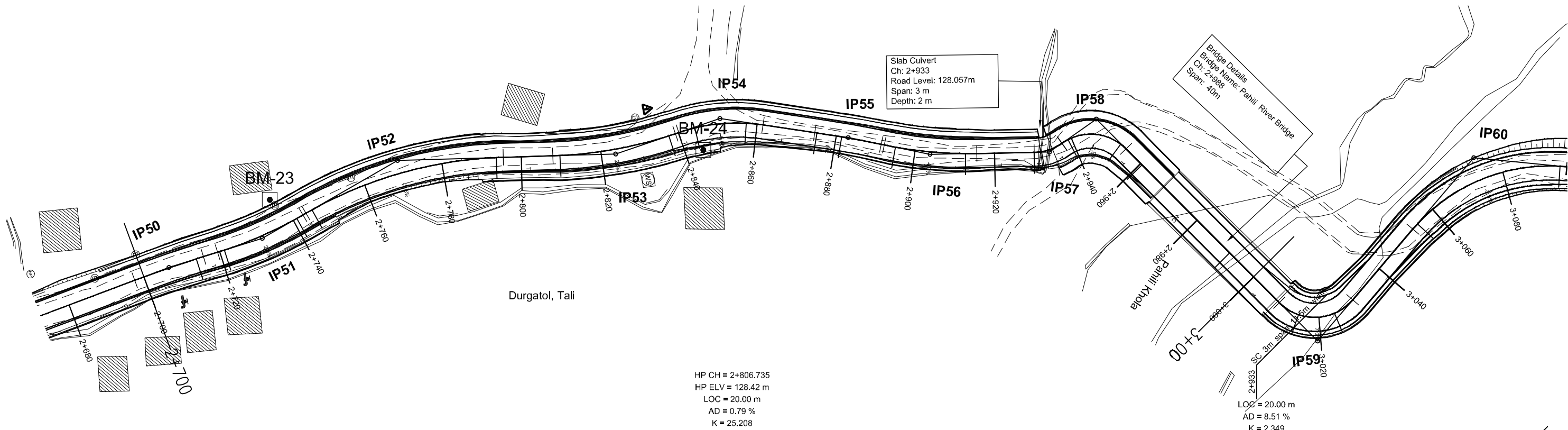
DESIGN LEVEL(m)	125.798		125.757		125.717		125.676		125.690		125.779		125.869		125.959		126.049		126.139		126.228		126.287		126.287		126.270		126.222		126.173	
EXISTING LEVEL(m)	125.497		125.486		125.506		125.587		125.630		125.723		125.755		125.812		125.921		125.949		126.019		126.167		126.268		126.172		126.093		126.040	
CHAINAGE(Km)	1+800		1+820		1+840		1+860		1+880		1+900		1+920		1+940		1+960		1+980		2+000		2+020		2+040		2+060		2+080		2+100	
HORIZONTAL SCHEMATIC																																
SUPER ELEVATION SCHEMATIC																																
CUT/FILL (m)	0.301		0.271		0.210		0.089		0.060		0.056		0.114		0.148		0.128		0.190		0.210		0.120		0.020		0.098		0.129		0.133	



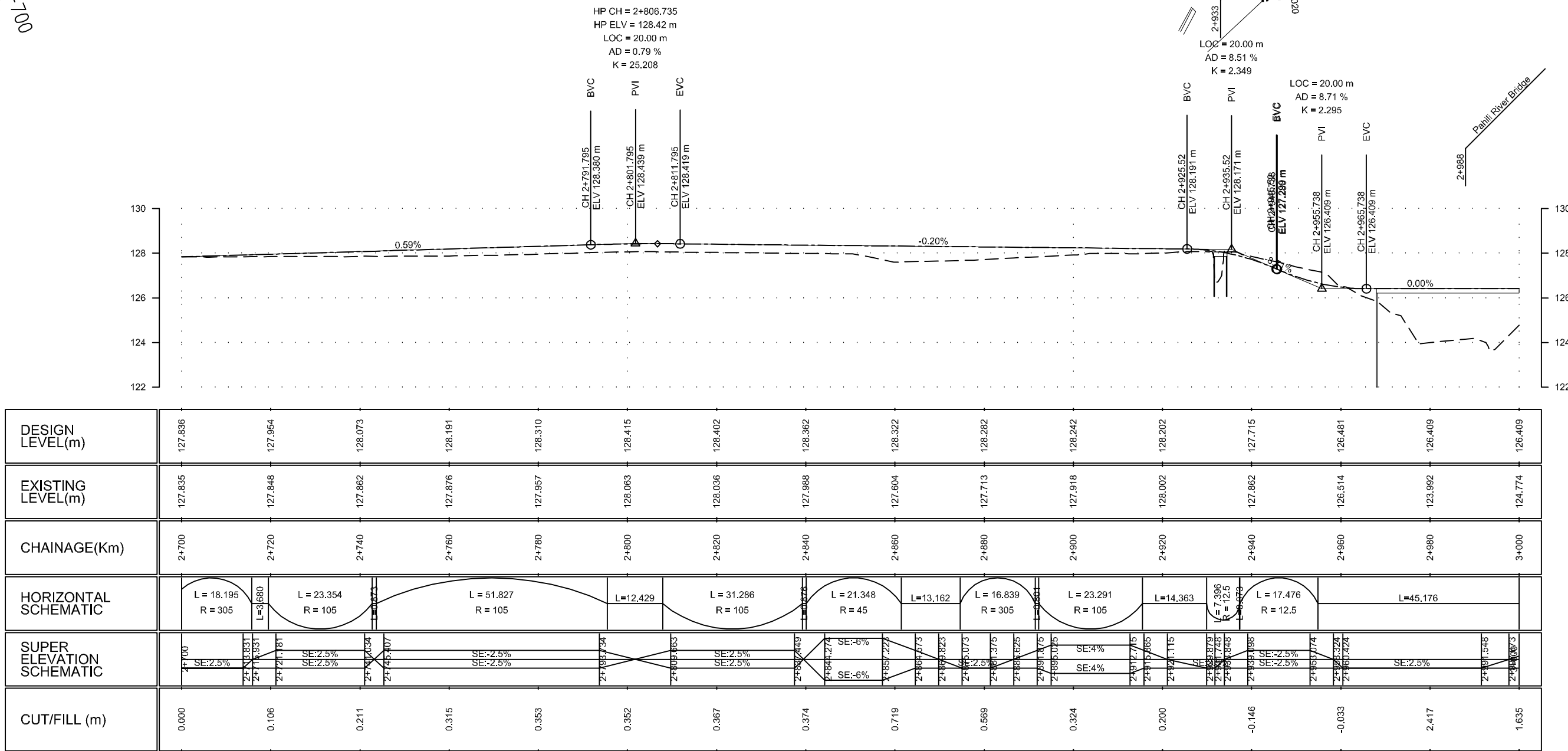
IP No.	COORDINATES(m)		WCB (S&AS)	DIST. (m)	DEF. ANG. (S&AS)	TAN LEN (m)	SIMPLE CURVE DATA			CHANGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC (m)	MC	EC	IP
46	428660.308	3082950.025	06+28+745	45.098	02+30+1383	6.665	305.000	0.073	13.329	2+400.584	2+418.249	2+422.913	2+418.250
47	428665.701	3082958.343	35+40+1676	47.021	15+27+5066	20.365	150.000	1.376	40.485	2+443.503	2+463.745	2+463.987	2+463.869
48	428647.731	3082912.441	355+38+3489	115.516	04+38+1813	12.962	305.000	0.250	24.891	2+566.686	2+578.931	2+591.276	2+578.937
49	428544.917	3082949.980	350+24+250	37.047	05+14+3238	22.860	500.000	0.524	46.746	2+683.081	2+615.955	2+638.828	2+615.971
50	428525.793	3082953.527	353+49+286	96.717	03+45+509	9.100	305.000	0.138	18.195	2+697.256	2+708.653	2+715.751	2+708.658



DESIGN LEVEL(m)	126.880	127.107	127.195	127.234	127.274	127.314	127.353	127.393	127.433	127.473	127.512	127.552	127.592	127.632	127.717	127.836
EXISTING LEVEL(m)	126.821	126.861	126.922	126.825	126.836	126.812	126.801	126.818	126.859	126.975	127.038	127.062	127.142	127.338	127.536	127.835
CHAINAGE(Km)	2+400	2+420	2+440	2+460	2+480	2+500	2+520	2+540	2+560	2+580	2+600	2+620	2+640	2+660	2+680	2+700
HORIZONTAL SCHEMATIC	L=9.584 L=13.329 R=305 L=20.590 L=40.485 R=150 L=82.597 L=24.691 R=305 L=45.748 R=500 L=58.727 L=14.496 R=305															
SUPER ELEVATION SCHEMATIC	SE:2.5% SE:2.5% SE:2.5% SE:2.5% SE:2.5% SE:2.5% SE:2.5% SE:2.5% SE:2.5% SE:2.5% SE:2.5% SE:2.5% SE:2.5% SE:2.5% SE:2.5% SE:2.5%															
CUT/FILL (m)	0.060	0.247	0.273	0.409	0.438	0.502	0.553	0.575	0.574	0.497	0.474	0.491	0.450	0.294	0.182	0.000



IP No.	CO-ORDINATES(m)		V/CB (D+M/S)	DIST. (m)	DEF. ANG. (D+M/S)	TAN LEN (m)	SIMPLE CURVE DATA			CHAINAGE		
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	IP
56	428559.389	3062938.527	353+947.58	90.717	63+255.09	9.100	305.000	0.138	18.195	2+708.653	2+715.751	2+708.658
57	428627.150	3062982.880	34+434.128	24.605	12+443.30	11.725	105.000	0.853	23.354	2+731.083	2+742.784	2+731.155
58	428614.685	3062999.630	08+212.223	36.051	28+163.101	26.453	105.000	3.981	51.827	2+763.571	2+785.184	2+770.110
59	428653.988	3063083.745	382+723.58	54.841	17+424.127	15.780	105.000	1.178	31.286	2+823.546	2+838.189	2+823.673
60	428653.824	3063083.010	18+275.12	27.514	27+105.525	10.278	45.000	1.286	21.348	2+840.074	2+850.745	2+850.353
61	428590.433	3063111.617	22+374.87	32.463	03+384.775	8.422	305.000	0.115	18.195	2+874.585	2+883.005	2+883.007
62	428592.440	3063130.922	08+551.05	20.916	12+422.283	11.893	105.000	0.849	23.354	2+892.225	2+903.970	2+893.978
63	428593.885	3063160.342	339+071.04	28.886	33+564.100	3.810	12.500	0.668	7.388	2+928.878	2+933.577	2+933.888
64	428597.837	3063173.491	59+072.38	14.391	80+061.033	10.608	12.500	3.830	17.476	2+937.348	2+943.066	2+947.868
65	428602.877	3063217.159	327+3630.27	78.340	94+3650.91	13.549	12.500	5.935	20.642	3+005.107	3+018.427	3+022.656



DESIGN LEVEL(m)	127.836	127.954	128.073	128.191	128.310	128.415	128.402	128.362	128.322	128.282	128.242	128.202	127.715	126.481	126.409	126.409
EXISTING LEVEL(m)	127.835	127.848	127.862	127.876	127.957	128.063	128.036	127.988	127.604	127.713	127.918	128.002	127.862	126.514	123.992	124.774
CHAINAGE(Km)	2+700	2+720	2+740	2+760	2+780	2+800	2+820	2+840	2+860	2+880	2+900	2+920	2+940	2+960	2+980	3+000
HORIZONTAL SCHEMATIC																
SUPER ELEVATION SCHEMATIC																
CUT/FILL (m)	0.000	0.106	0.211	0.315	0.353	0.362	0.367	0.374	0.719	0.569	0.324	0.200	-0.146	-0.033	2.417	1.635

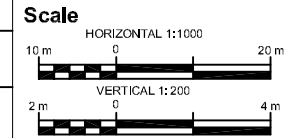


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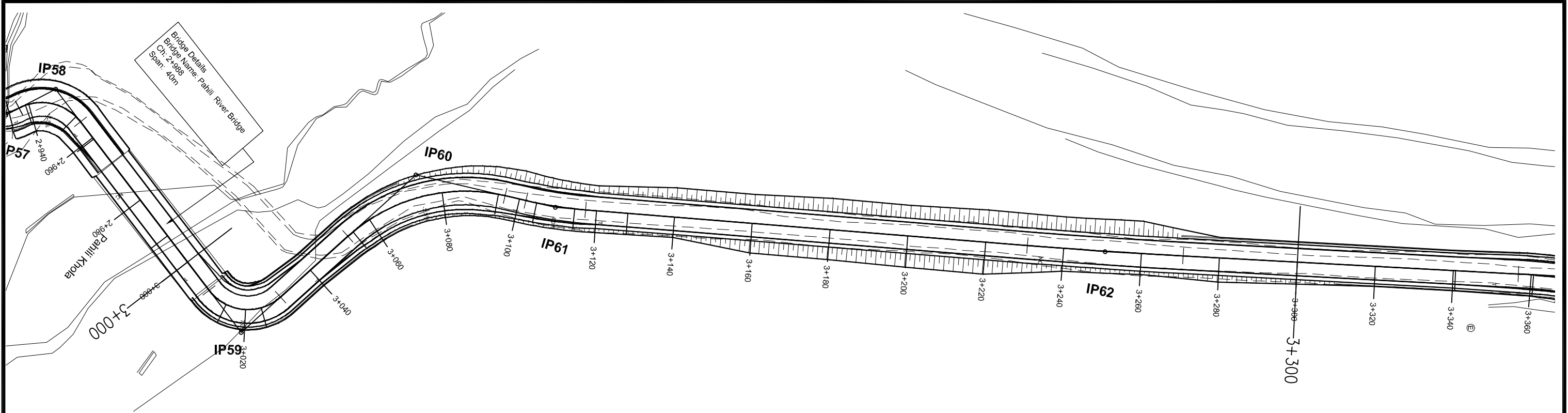
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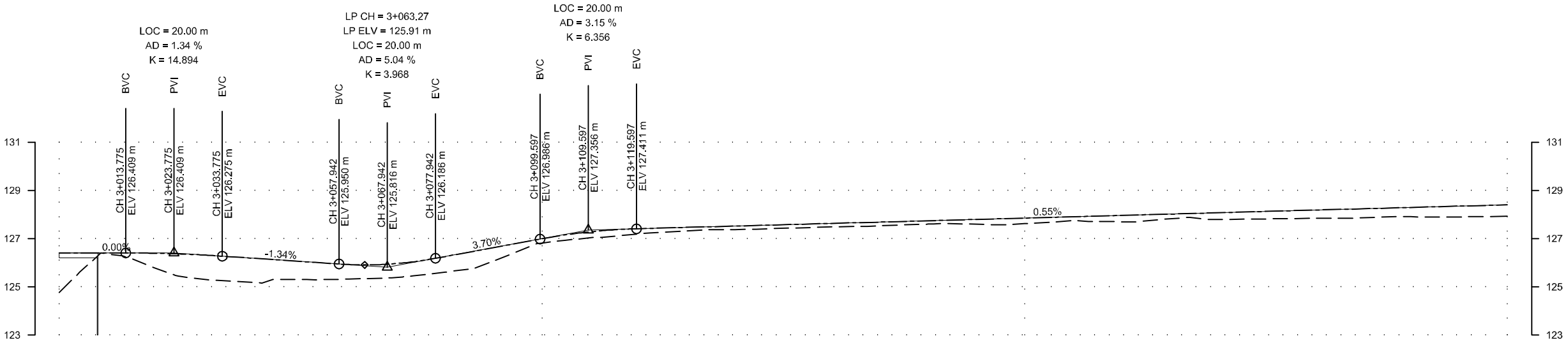


Plan & Profile
SAINAMAINA RINGROAD SALJHANDI
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CH: 0+000 - 5+261.16 Km

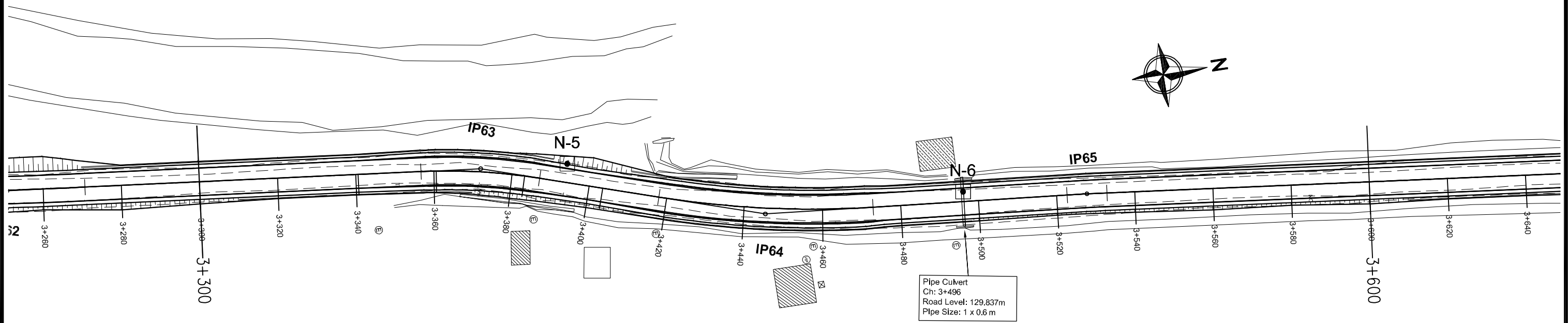
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DRG NO : SM/RD/PP/10
CHAINAGE : 2+700 to 3+000
SHEET NO : 10/18



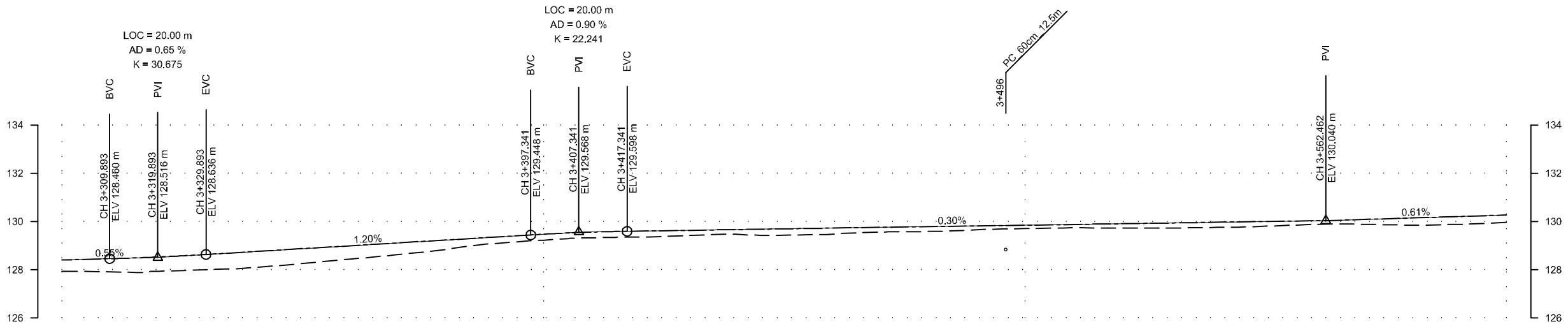
IP No.	CO-ORDINATES(m)		WCB (DMS)	DIST. (m)	DEF. ANG. (DMS)	TAN LEN. (m)	SIMPLE CURVE DATA				CHAINAGE		
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
58	428902.877	306327.159	321°30'30.47"	78.240	94°38'50.81"	13.549	12.500	5.935	20.842	3+005.107	3+019.427	3+026.748	3+022.696
59	428956.399	306329.421	16°34'43.57"	60.216	55°03'33.40"	23.465	45.000	6.746	43.243	3+052.960	3+074.592	3+096.203	3+076.415
61	428975.865	306329.471	08°06'30.05"	36.705	08°27'33.82"	7.765	105.000	0.297	15.503	3+101.687	3+109.439	3+117.180	3+108.433
62	428985.791	306349.337	06°34'43.57"	141.276	01°43'46.48"	20.023	1530.000	0.134	40.044	3+230.879	3+250.701	3+270.223	3+250.703



DESIGN LEVEL(m)	126.409																126.396																126.191																125.928																126.262																127.001																127.413																127.524																127.634																127.744																127.855																127.965																128.075																128.185																128.296																128.406																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
EXISTING LEVEL(m)	124.774																125.760																125.185																125.327																125.616																126.824																127.195																127.381																127.485																127.604																127.625																127.702																127.798																127.841																127.913																127.932																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															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HORIZONTAL SCHEMATIC	L=9.107 L = 20.642 R = 12.5 L=23.212 L = 43.243 R = 45 L=5.484 L = 15.503 R = 105 L=113.489 L = 40.044 R = 1500 L=29.277																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															



IP No.	COORDINATES(m)		DIST. (m)	DEF. ANG. (DMS)	TAN LEN. (m)	SIMPLE CURVE DATA			CHAINAGE				
	EASTING	NORTHING				R (m)	E (m)	LC (m)	BC	MC	EC	IP	
62	428565.791	3063439.337	06°54'43.57"	141.278	01°31'46.48"	20.023	1500.000	0.134	40.044	3+230.676	3+250.701	3+270.723	3+250.703
63	428609.688	3063559.831	18°13'7.46"	121.293	11°38'29.89"	15.286	150.000	0.777	30.473	3+336.704	3+371.940	3+397.177	3+371.993
64	428632.731	3063629.841	05°58'15.15"	73.705	12°54'52.31"	27.659	250.000	1.514	54.896	3+418.034	3+445.482	3+472.929	3+445.592
65	428640.323	3063711.812	06°48'17.64"	82.370	01°10'2.45"	5.094	500.000	0.026	10.187	3+522.647	3+527.740	3+532.834	3+527.740



DESIGN LEVEL(m)	128.406		128.533		128.758		128.998		129.239		129.478		129.606		129.667		129.728		129.789		129.850		129.910		129.971		130.032		130.147		130.270					
EXISTING LEVEL(m)	127.932		127.938		128.098		128.445		128.851		129.230		129.358		129.471		129.476		129.589		129.707		129.730		129.757		129.881		129.850		129.973					
CHAINAGE(Km)	3+300		3+320		3+340		3+360		3+380		3+400		3+420		3+440		3+460		3+480		3+500		3+520		3+540		3+560		3+580		3+600					
HORIZONTAL SCHEMATIC			L=56.704				L = 30.473 R = 150				L=30.857				L = 54.896 R = 250				L=49.717				L = 10.187 R = 500		L=67.166											
SUPER ELEVATION SCHEMATIC	3+300		SE:2.5%				3+340:0.633		3+357.258		SE:-3.5%		3+360:3.883		SE:-3.5%		3+388:2.98		3+395.723		3+394.335		3+400:3.45		SE:2.5%										3+600	
CUT/FILL (m)	0.474		0.594		0.659		0.554		0.387		0.248		0.248		0.196		0.252		0.200		0.142		0.180		0.214		0.151		0.297		0.297					

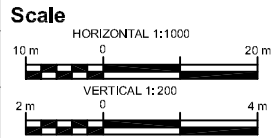


Department of Urban Development & Building Construction (DUDBC)
Regional Urban Development Project (RUDP)
Project Coordination Office
Babarmahal, Kathmandu, Nepal

Reviewed & Designed By :
DOHWA Engineering Co. Ltd.
in Association with
ERM (P.) Ltd., SILT Consultants (P.) Ltd., and
DIGICON (P.) Ltd.
Mid- Baneshwor, Kathmandu
Tel: 01-4589393

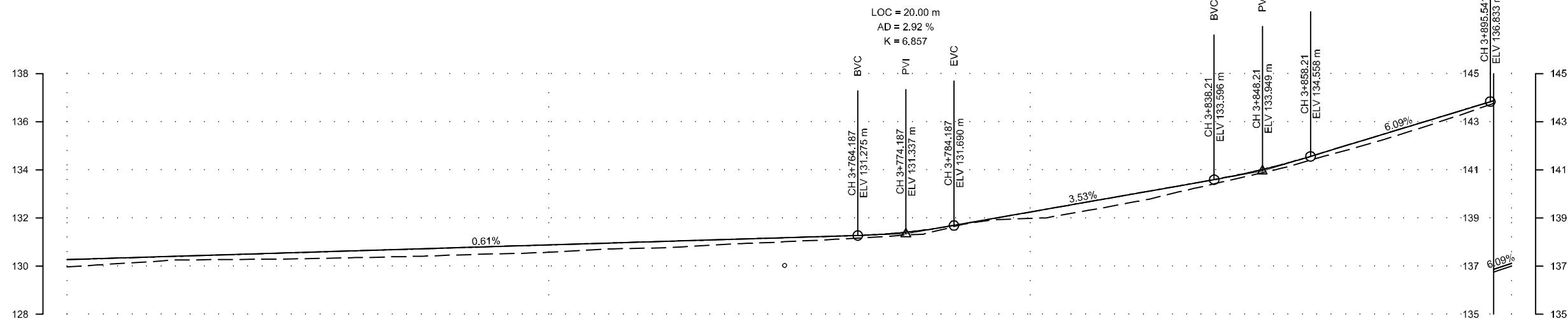
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :

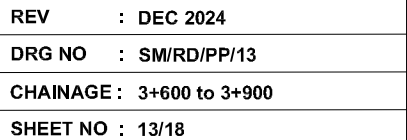


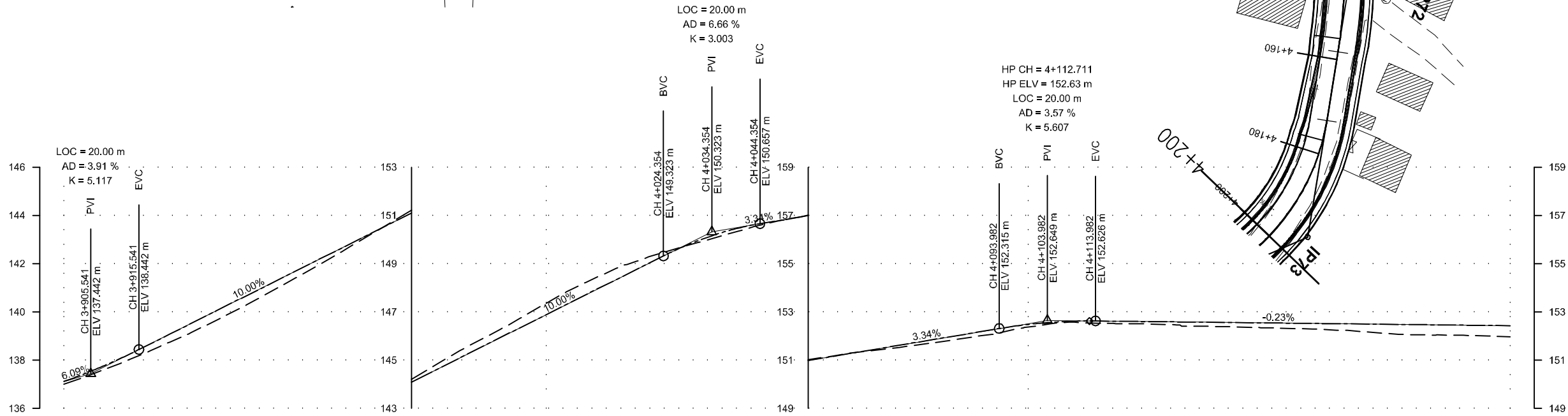
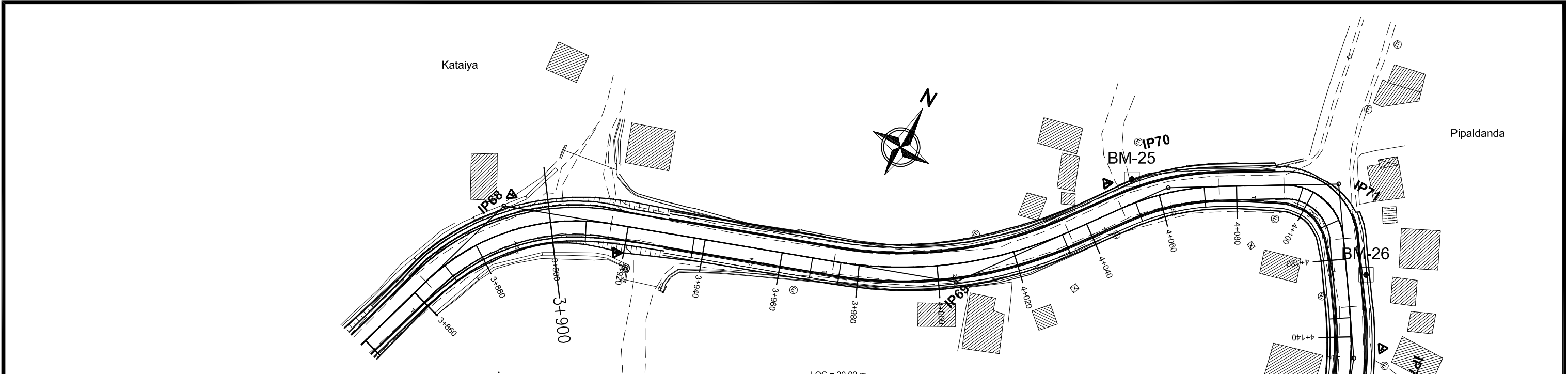
Plan & Profile
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024
DRG NO : SM/RD/PP/12
CHAINAGE : 3+300 to 3+600
SHEET NO : 12/18



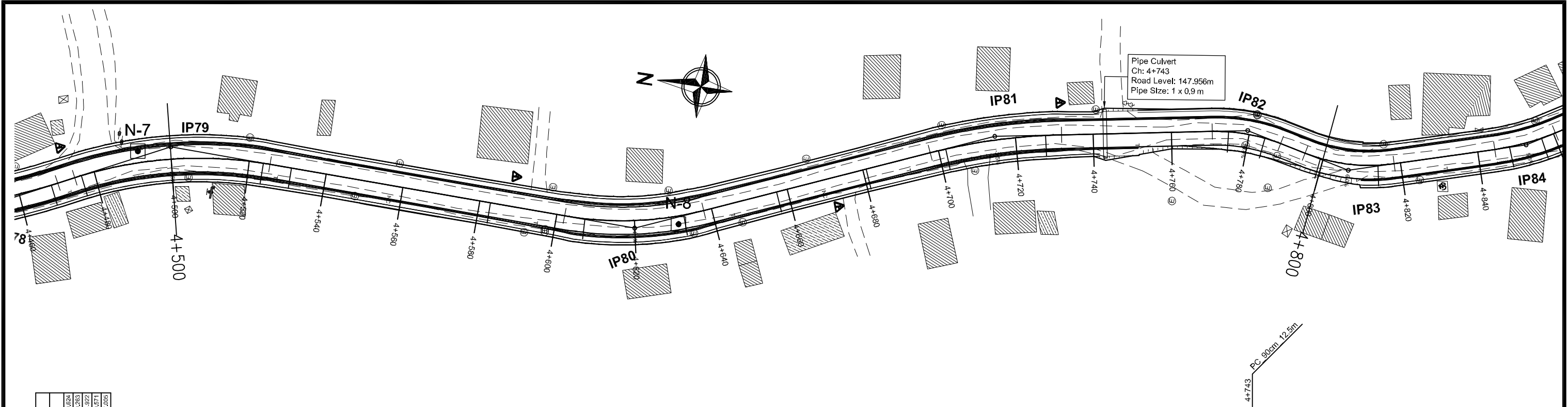
DESIGN LEVEL(m)	130.270	130.392	130.515	130.637	130.760	130.882	131.005	131.127	131.250	131.555	132.248	132.954	133.662	134.568	135.886	137.124
EXISTING LEVEL(m)	129.973	130.224	130.288	130.355	130.461	130.584	130.747	130.937	131.116	131.439	131.982	132.604	133.504	134.503	135.668	137.011
CHAINAGE(Km)	3+600	3+620	3+640	3+660	3+680	3+700	3+720	3+740	3+760	3+780	3+800	3+820	3+840	3+860	3+880	3+900
HORIZONTAL SCHEMATIC																
SUPER ELEVATION SCHEMATIC																
CUT/FILL (m)	0.297	0.168	0.226	0.283	0.299	0.299	0.258	0.190	0.134	0.116	0.266	0.350	0.157	0.165	0.218	0.113



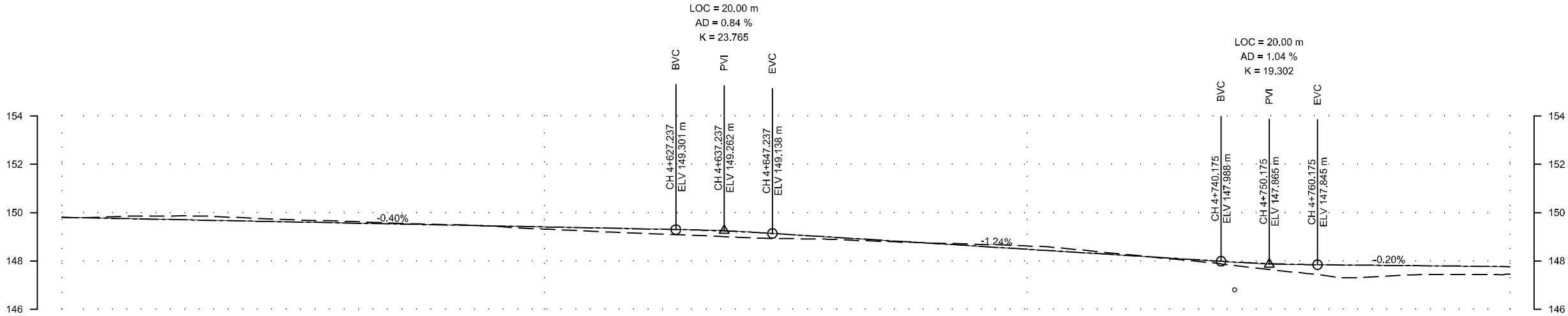


DESIGN LEVEL(m)	137.124		138.888		140.888		142.888		144.888		146.888		148.888		150.480		151.180		151.848		152.483		152.612		152.567		152.522		152.476		152.431	
EXISTING LEVEL(m)	137.011		138.582		140.524		142.782		145.146		147.361		149.178		150.360		151.196		151.710		152.379		152.517		152.398		152.283		152.052		151.968	
CHAINAGE(Km)	3+900		3+920		3+940		3+960		3+980		4+000		4+020		4+040		4+060		4+080		4+100		4+120		4+140		4+160		4+180		4+200	
HORIZONTAL SCHEMATIC	L = 51.580 R = 55		L=57.901				L = 61.425 R = 105						L=14.876		L = 25.758 R = 65		L=16.585		L = 22.575 R = 15		L=17.520		L = 26.197 R = 105		L=14.386		L = 44.846 R = 45					
SUPER ELEVATION SCHEMATIC	SE:-5.5% SE:-5.5%		SE:-5.5% SE:-5.5%		SE:-5.5% SE:-5.5%		SE:-5.5% SE:-5.5%		SE:-5.5% SE:-5.5%		SE:-5.5% SE:-5.5%		SE:-5.5% SE:-5.5%		SE:-5.5% SE:-5.5%		SE:-5.5% SE:-5.5%		SE:-7% SE:-7%		SE:-4% SE:-4%		SE:-4% SE:-4%		SE:-6% SE:-6%		SE:-6% SE:-6%					
CUT/FILL (m)	0.113		0.306		0.364		0.106		-0.258		-0.473		-0.290		0.120		-0.017		0.137		0.104		0.095		0.170		0.239		0.424		0.463	

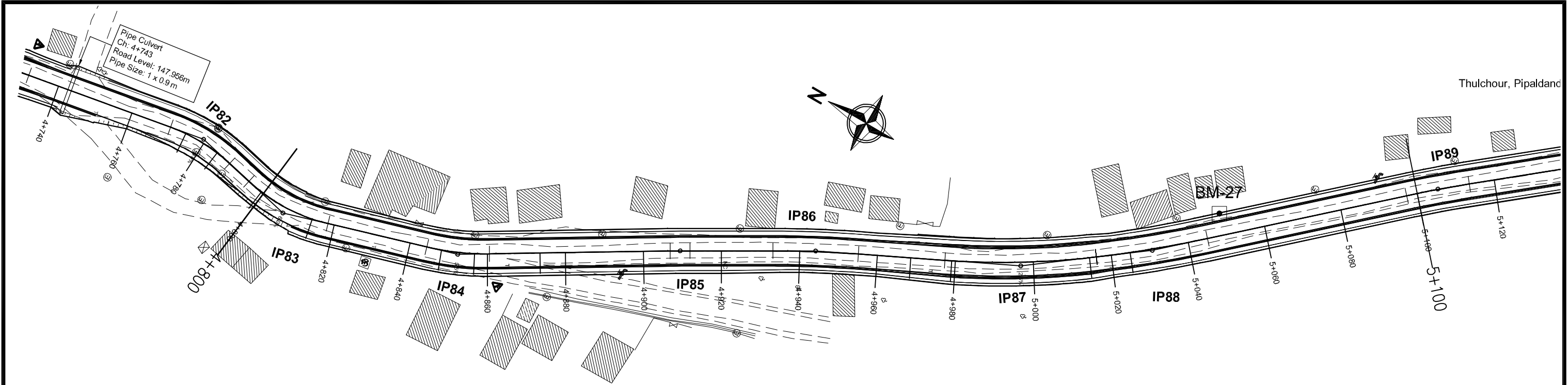
IP No.	CO-ORDINATES(m)		WCB (D.M.S)	DIST. (m)	DEF. ANG. (D.M.S)	TAN. LEN. (m)	SIMPLE CURVE DATA				CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	MC	EC	IP		
68	428700.115	3064070.308	89.34+13.25	96.955	53+457.73	27.882	55.000	6.895	51.589	3+888.328	3+915.617	3+881.900		
69	428845.159	3064111.281	36+458.69	117.383	33+14.55	31.618	105.000	4.698	61.425	3+973.619	4+004.231	4+005.138		
70	428845.159	3064158.423	58+527.11	59.546	22+4218.42	13.050	65.000	1.297	25.758	4+082.820	4+075.578	4+082.870		
71	428882.604	3064182.077	144+521.87	49.688	86+1545.76	14.046	15.000	5.549	22.575	4+092.163	4+103.450	4+106.207		
72	428908.168	3064145.440	158+173.48	44.732	14+17+41.59	13.167	105.000	0.822	26.197	4+132.258	4+158.455	4+145.425		
73	428926.575	3064098.748	218+233.67	52.037	57+469.21	24.484	45.000	6.230	44.846	4+172.841	4+195.294	4+217.688		



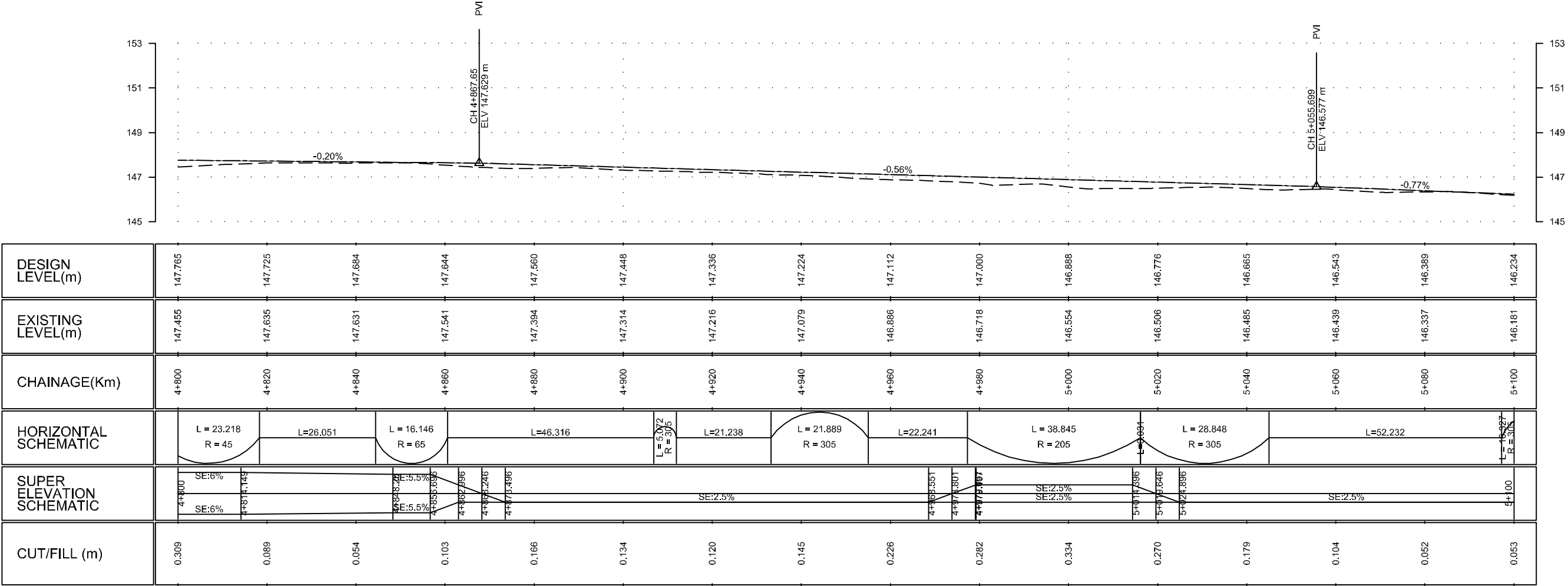
IP No.	CO-ORDINATES(m)		WCS (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN LEN. (m)	SIMPLE CURVE DATA				CHAINAGE		
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
79	428950.469	3063812.186	181°10'56.69	44.484	27°58'23.85	25.829	105.000	3.130	50.653	4+747.956	4+500.121	4+525.448	4+500.624
80	428957.991	3063861.547	186°17'44.11	120.645	24°12'42.57	18.234	85.000	1.834	35.923	4+602.030	4+519.891	4+537.963	4+620.283
81	428955.248	3063863.938	189°58'17.84	95.203	15°06'33.72	17.103	150.000	0.977	34.058	4+697.850	4+714.849	4+731.872	4+714.022
82	429006.531	3063540.131	182°44'40.70	64.755	22°46'32.66	9.894	45.000	0.904	17.888	4+770.507	4+770.451	4+788.395	4+779.571
83	429000.425	3063515.139	183°11'45.39	27.873	28°33'43.71	11.874	45.000	1.240	23.276	4+795.131	4+806.740	4+818.345	4+807.005



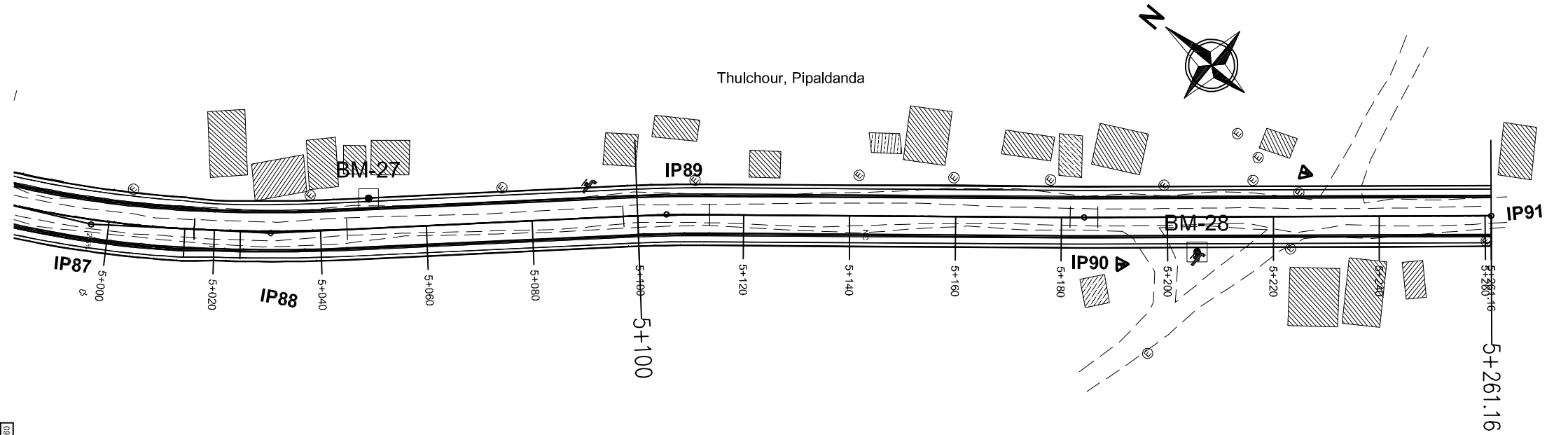
DESIGN LEVEL(m)	149.804	149.725	149.646	149.567	149.488	149.409	149.330	149.217	148.980	148.733	148.485	148.238	147.991	147.845	147.805	147.765
EXISTING LEVEL(m)	149.812	149.860	149.765	149.633	149.501	149.321	149.143	148.986	148.890	148.747	148.622	148.281	147.887	147.435	147.426	147.455
CHAINAGE(Km)	4+500	4+520	4+540	4+560	4+580	4+600	4+620	4+640	4+660	4+680	4+700	4+720	4+740	4+760	4+780	4+800
HORIZONTAL SCHEMATIC	L = 50.653 R = 105		L = 76.582			L = 35.923 R = 85		L = 59.867			L = 34.058 R = 150		L = 38.629		L = 17.888 R = 45	
SUPER ELEVATION SCHEMATIC	SE:-2.5% SE:-2.5%	SE:-2.5% SE:-2.5%	SE:-2.5% SE:-2.5%	SE:-2.5% SE:-2.5%	SE:-2.5% SE:-2.5%	SE:-2.5% SE:-2.5%	SE:-2.5% SE:-2.5%	SE:-2.5% SE:-2.5%	SE:-2.5% SE:-2.5%	SE:-2.5% SE:-2.5%	SE:-2.5% SE:-2.5%	SE:-2.5% SE:-2.5%	SE:-2.5% SE:-2.5%	SE:-2.5% SE:-2.5%	SE:-2.5% SE:-2.5%	SE:-2.5% SE:-2.5%
CUT/FILL (m)	-0.008	-0.135	-0.119	-0.066	-0.013	0.088	0.187	0.231	0.090	-0.014	-0.137	-0.043	0.103	0.410	0.379	0.309



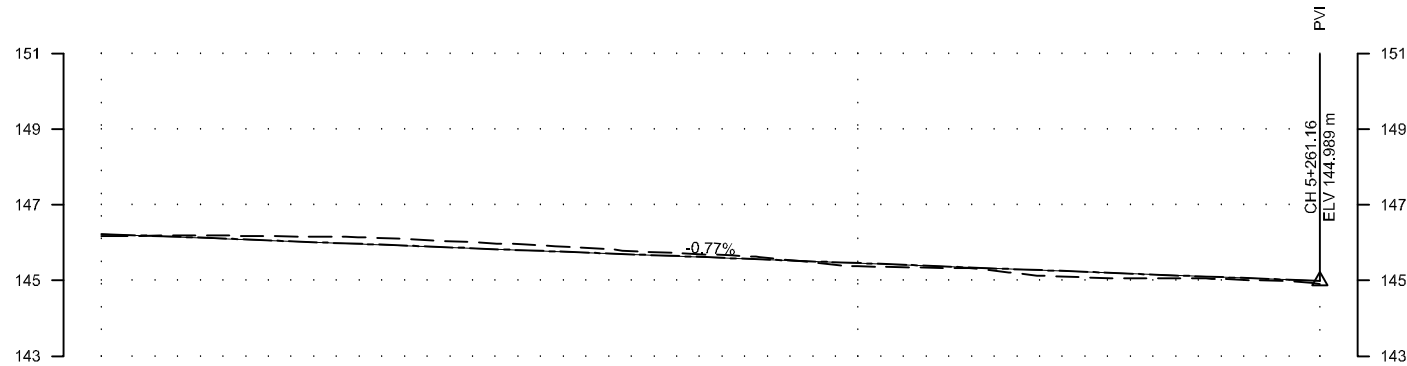
IP No.	CO-ORDINATES(m)		WCB (D+MS)	DIST. (m)	DEF. ANG. (D+MS)	TAN LEN. (m)	SIMPLE CURVE DATA				CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	MC	EC	IP		
83	429003.425	3063513.139	183-14-39	27.673	29-33-45.71	11.874	45.000	1.540	23.218	4-795.131	4-805.740	4-818.349	4-807.205	
84	429013.743	3063469.069	149-17-42.24	46.039	14-13-56.76	6.115	65.000	0.595	16.146	4-844.403	4-852.773	4-860.346	4-852.515	
85	429043.134	3063420.263	145-54-16.12	66.066	09-47-3.89	2.596	305.000	0.011	5.072	4-906.862	4-909.397	4-911.933	4-900.308	
86	429063.535	3063390.221	152-01-1.20	34.723	04-06-42.94	10.843	305.000	0.196	21.889	4-933.171	4-944.116	4-955.060	4-944.123	
87	429063.611	3063322.674	132-05-35.91	32.671	10-51-25.15	15.461	205.000	0.924	35.845	4-977.301	4-986.724	5-016.16	4-985.702	
88	429153.953	3063315.761	137-44-26.75	33.947	05-25-5.16	14.435	305.000	0.341	28.848	5-016.173	5-030.501	5-045.025	5-030.512	
89	429154.288	3063260.322	140-48-28.36	74.632	05-04-1.61	8.165	305.000	0.109	16.377	5-097.257	5-105.421	5-113.594	5-105.423	



DESIGN LEVEL(m)	147.765		147.725		147.684		147.644		147.560		147.448		147.336		147.224		147.112		147.000		146.888		146.776		146.665		146.543		146.389		146.234	
EXISTING LEVEL(m)	147.455		147.635		147.631		147.541		147.394		147.314		147.216		147.079		146.886		146.718		146.554		146.506		146.485		146.439		146.337		146.181	
CHAINAGE(Km)	4+800		4+820		4+840		4+860		4+880		4+900		4+920		4+940		4+960		4+980		5+000		5+020		5+040		5+060		5+080		5+100	
HORIZONTAL SCHEMATIC			L=26.051				L=46.316				L=21.238				L=22.241						L = 28.848 R = 305											
SUPER ELEVATION SCHEMATIC			SE:6% SE:6%				SE:5.5% SE:5.5%				SE:5.5% SE:5.5%				SE:2.5%				SE:2.5% SE:2.5%				SE:2.5% SE:2.5%				SE:2.5%				SE:2.5%	
CUT/FILL (m)	0.309		0.089		0.054		0.103		0.166		0.134		0.120		0.145		0.226		0.282		0.334		0.270		0.179		0.104		0.052		0.053	



P IP No.	COORDINATES(m)		WCB (D+M+S)	DIST. (m)	DEF. ANG. (D+M+S)	TAN. LEN. (m)	SIMPLE CURVE DATA				CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP	
88	429154.288	3063260.322	140-46-28.36	74.832	03-44-1.61	8.165	395.000	0.109	16.327	5+097.267	5+105.421	5+113.584	5+105.423	
89	429204.111	3063199.216	140-12-28.26	78.844	00-36-0.09	2.618	500.000	0.007	5.236	5+161.644	5+164.262	5+166.880	5+164.262	
91	429263.228	3063140.130	00-00-00.00	76.898	00-00-00.00	0.000	0.000	0.000	0.000	5+261.160	5+261.160	5+261.160	5+261.160	



DESIGN LEVEL(m)	146.234	146.080	145.925	145.771	145.616	145.462	145.307	145.153	144.988
EXISTING LEVEL(m)	146.181	146.180	146.096	145.910	145.691	145.376	145.217	145.051	144.893
CHAINAGE(Km)	5+100	5+120	5+140	5+160	5+180	5+200	5+220	5+240	5+261.16
HORIZONTAL SCHEMATIC	L = 16.327 R = 305 L = 68.060 L = 5.236 R = 500 L = 74.280								
SUPER ELEVATION SCHEMATIC	SE:2.5%								
CUT/FILL (m)	0.053	-0.100	-0.170	-0.139	-0.075	0.086	0.090	0.102	0.095

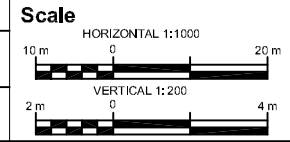


Department of Urban Development & Building Construction (DUDBC)
Regional Urban Development Project (RUDP)
Project Coordination Office
Babarmahal, Kathmandu, Nepal

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Mid- Baneshwor, Kathmandu
Tel: 01- 4589393

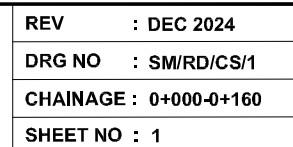
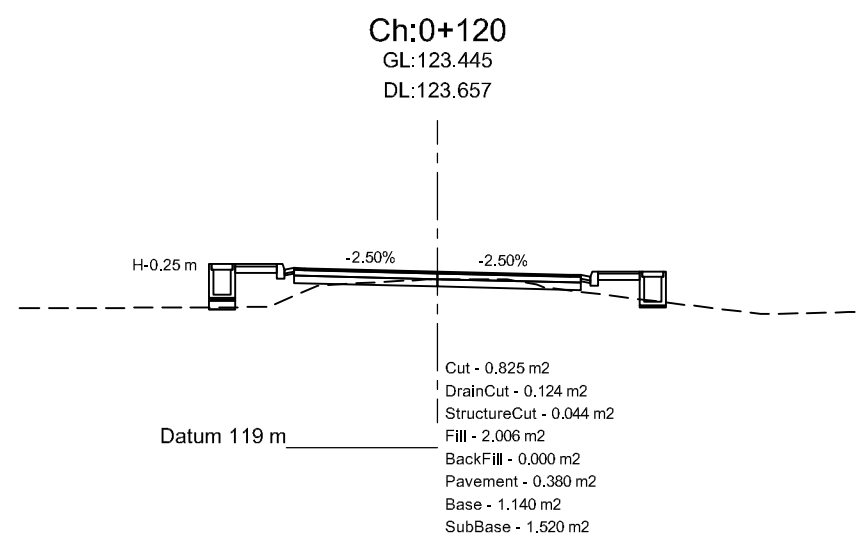
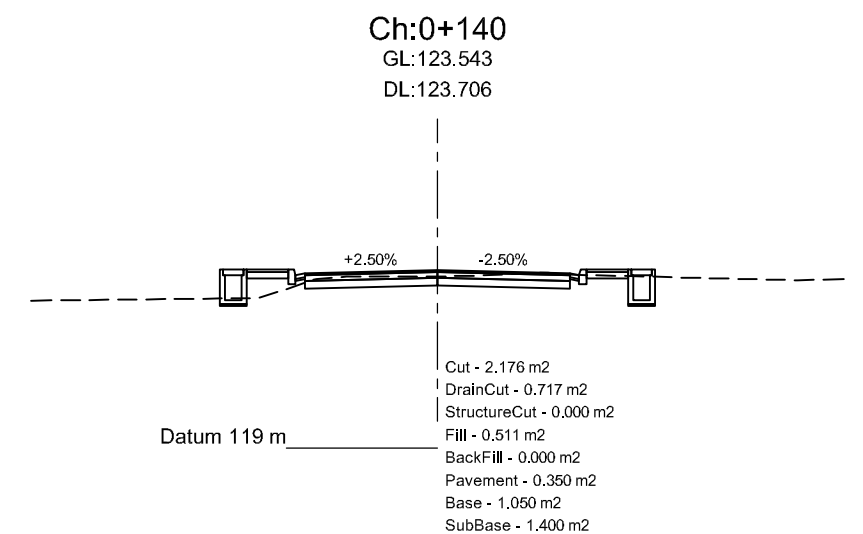
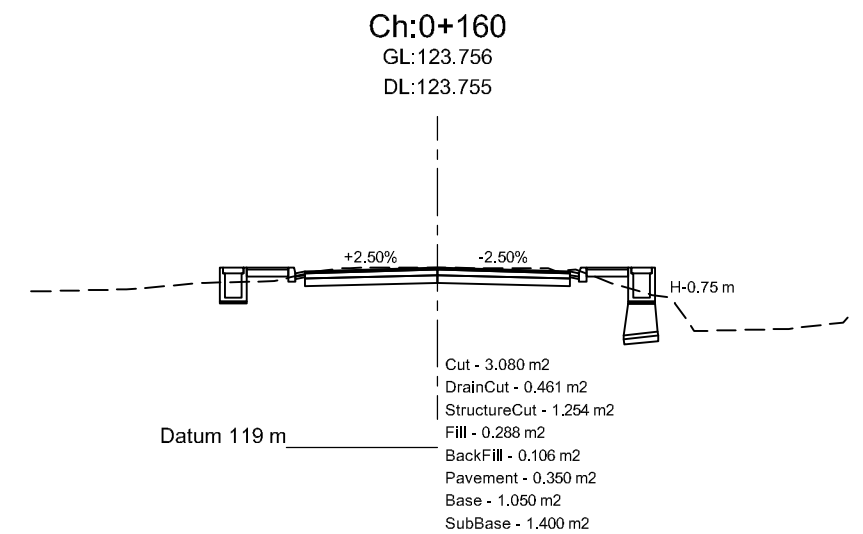
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

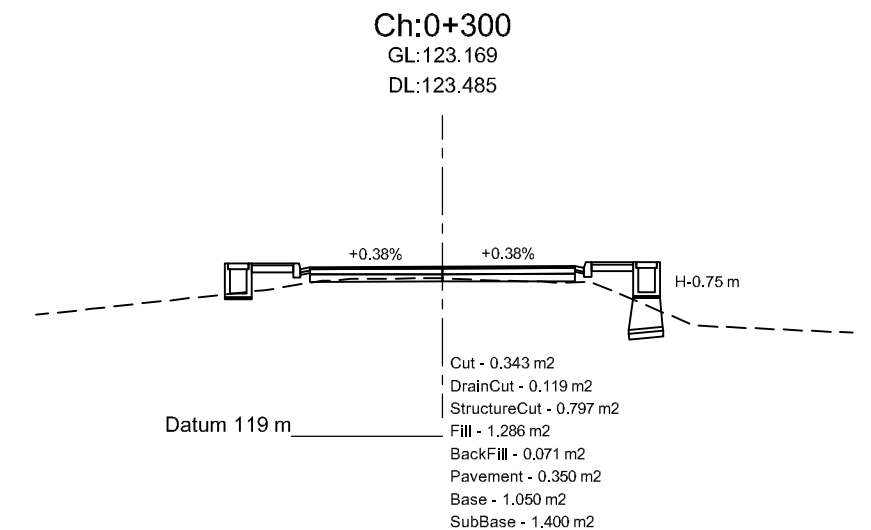
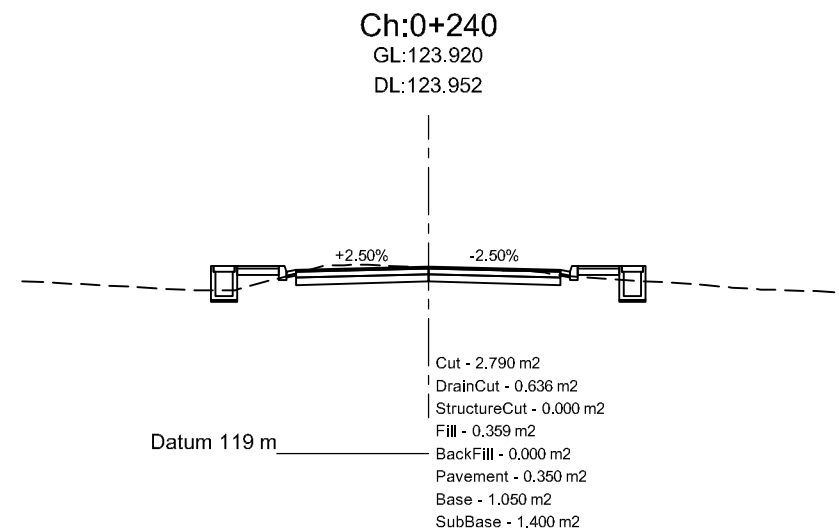
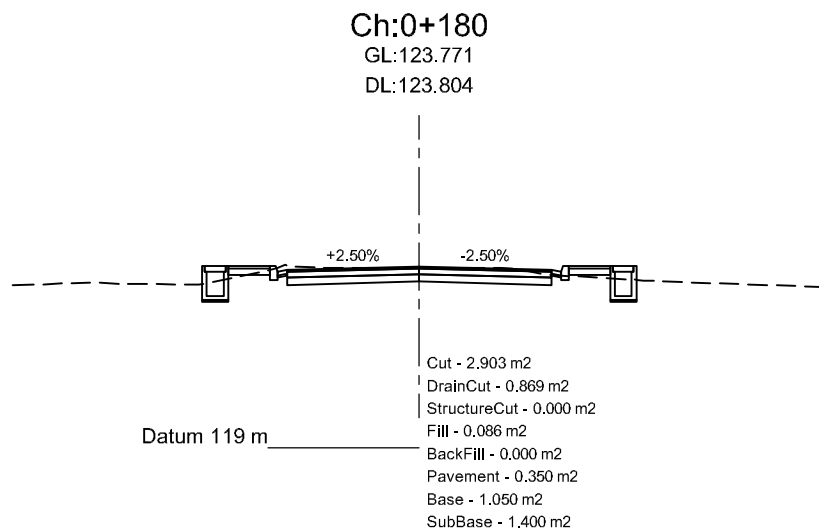
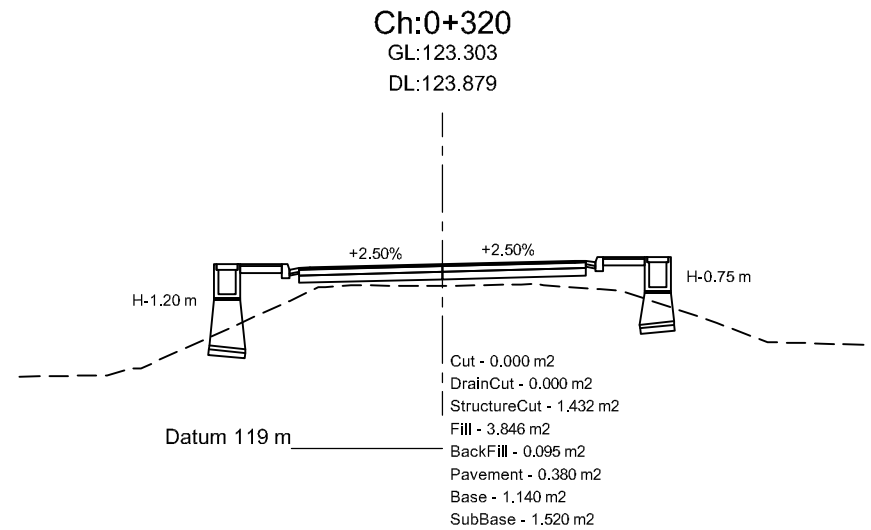
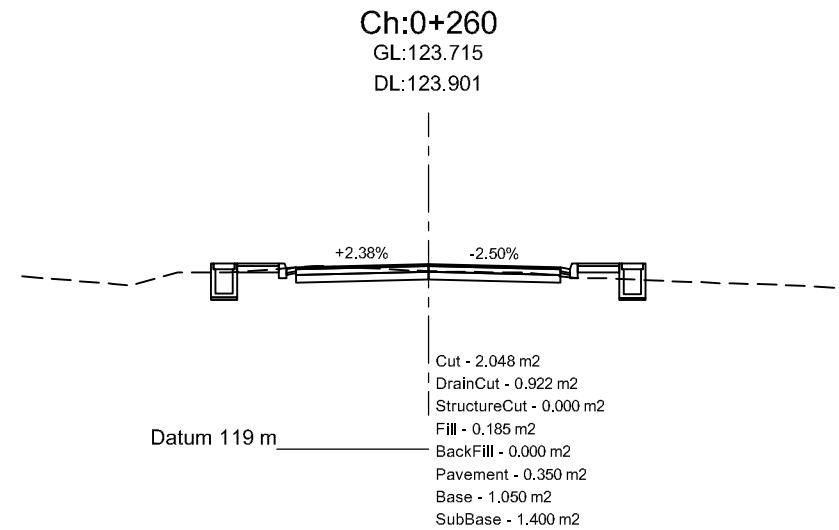
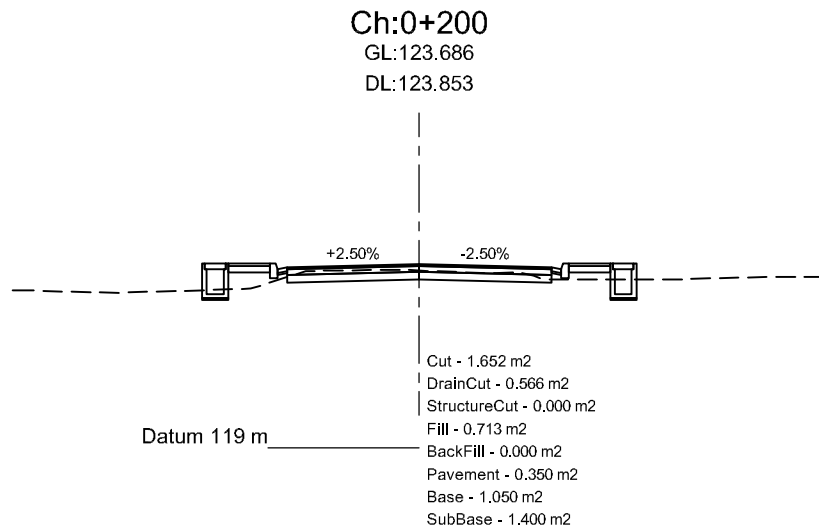
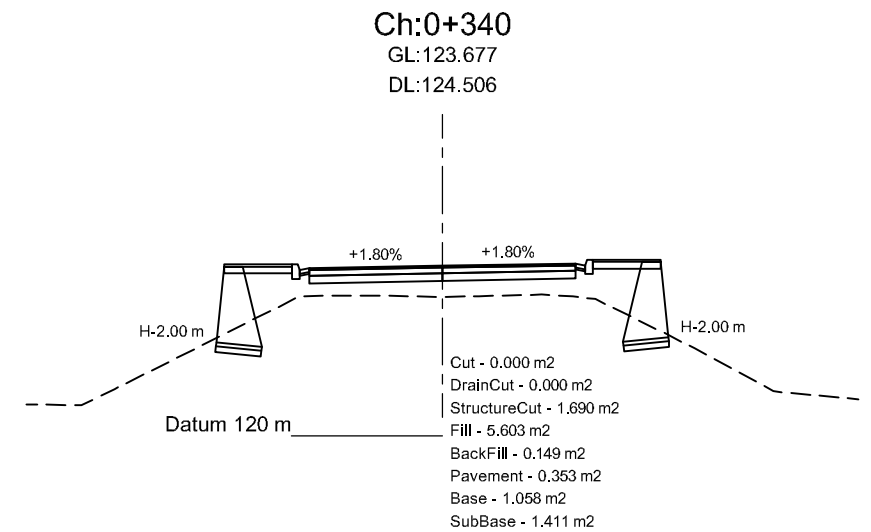
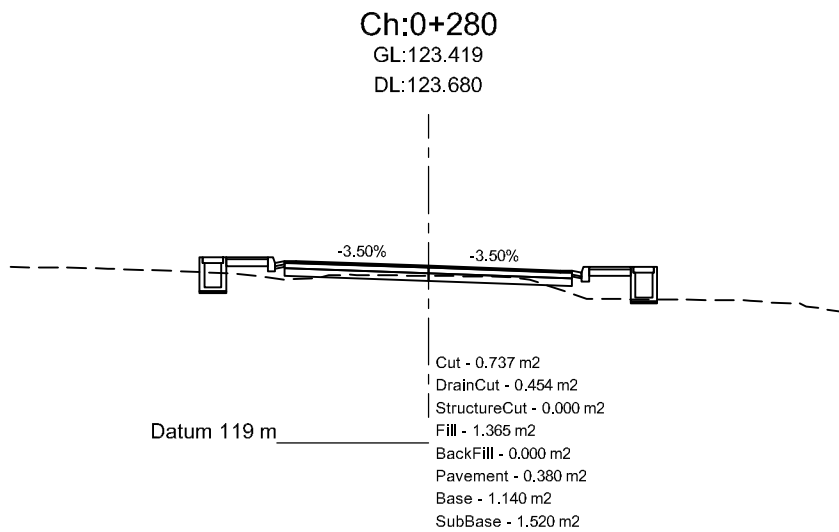
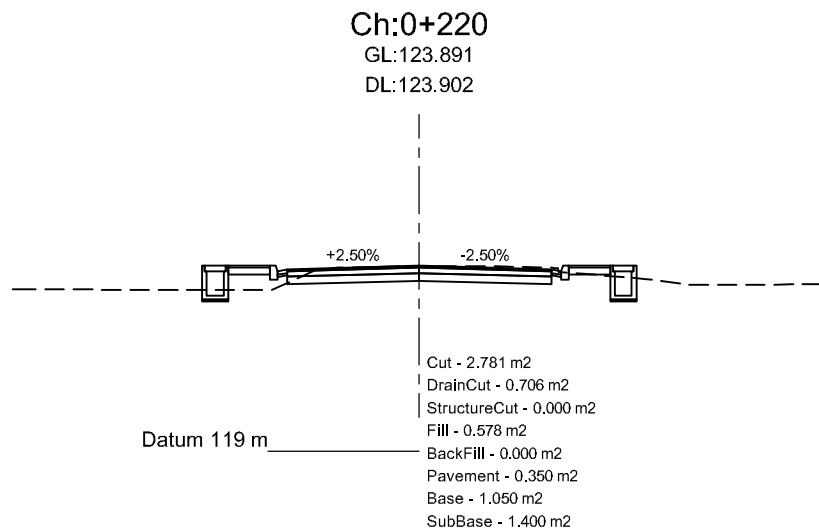
Client
Approved By :
Checked By :



Plan & Profile
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024
DRG NO : SM/RD/PP/18
CHAINAGE : 5+100 to 5+261.16
SHEET NO : 18/18



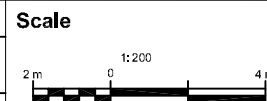


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Tel: 01- 4589393

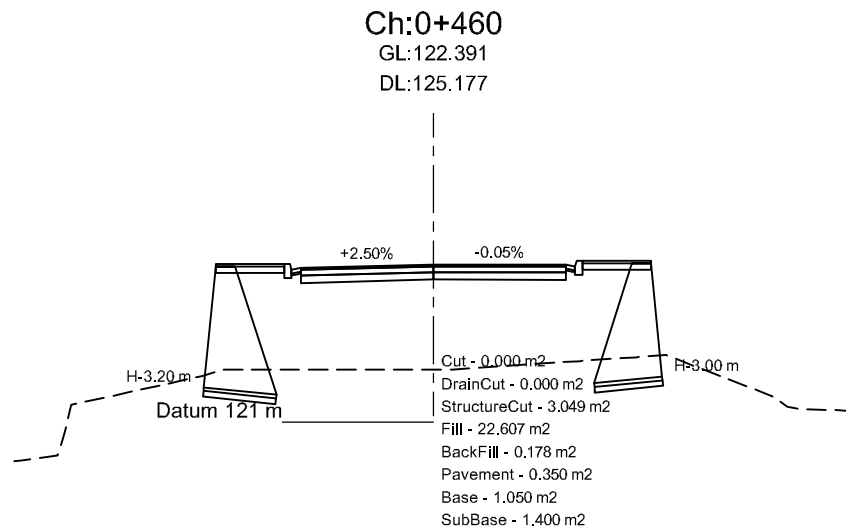
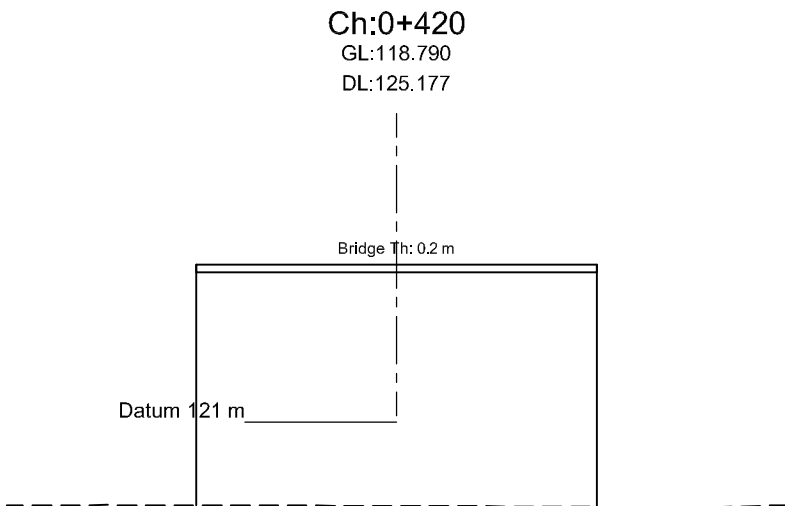
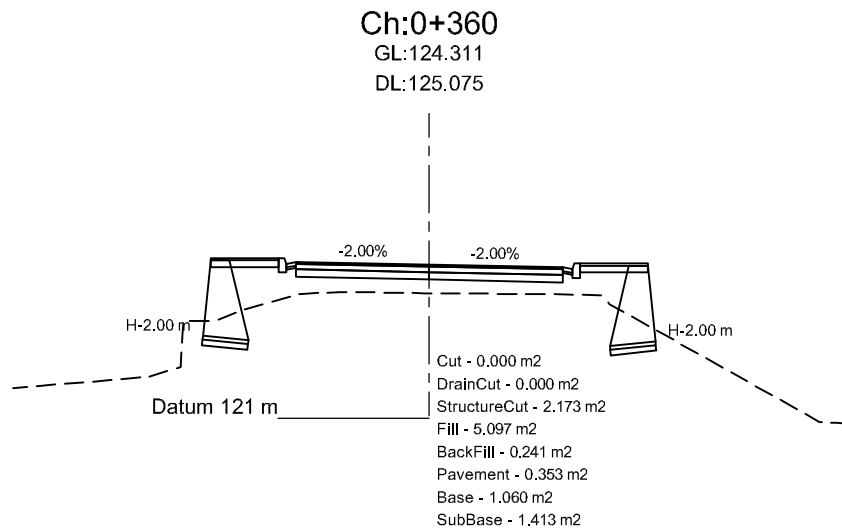
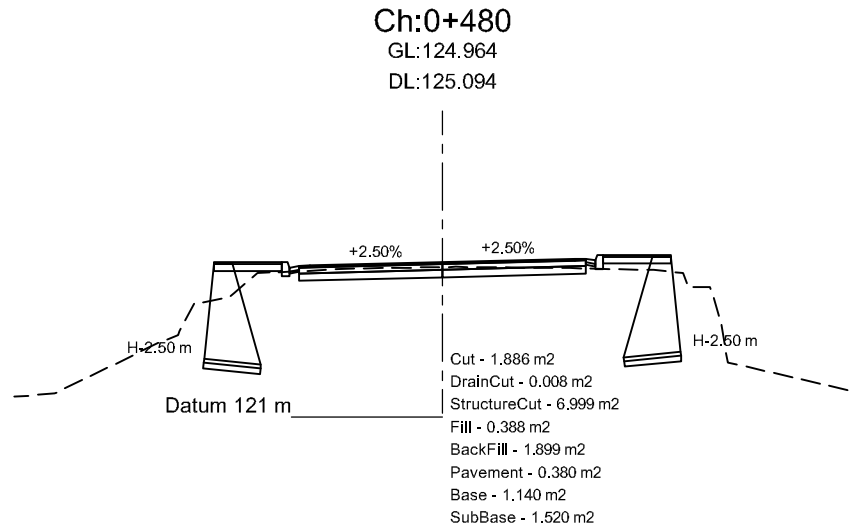
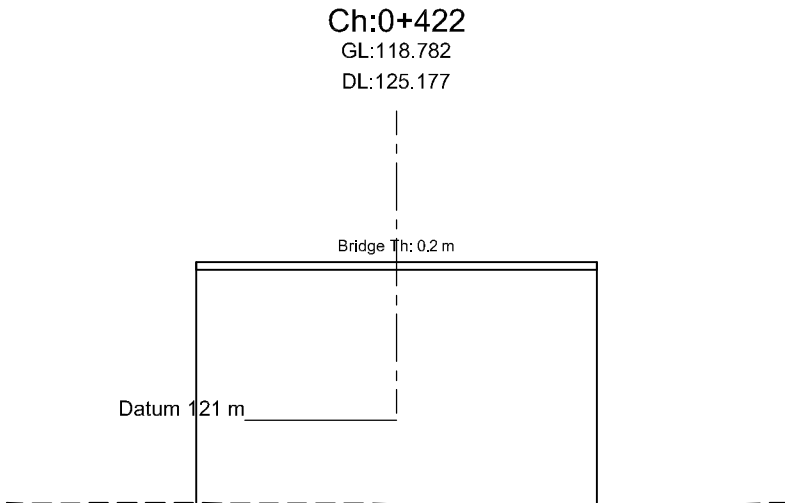
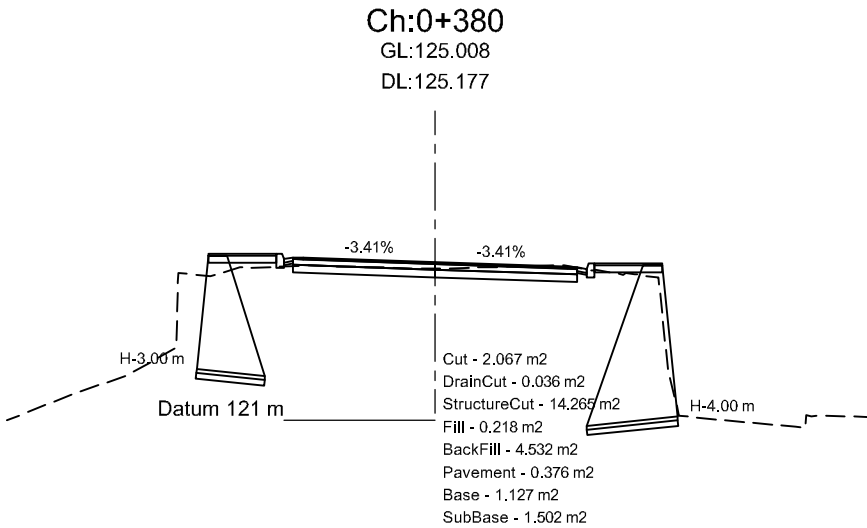
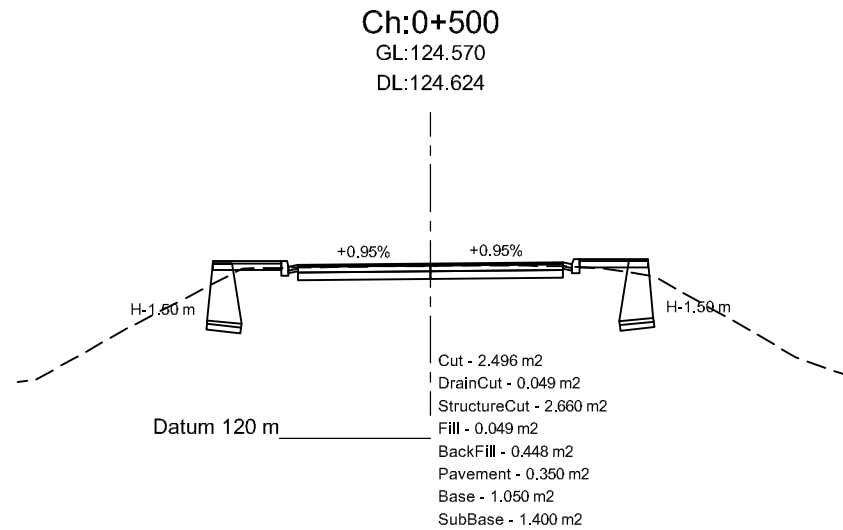
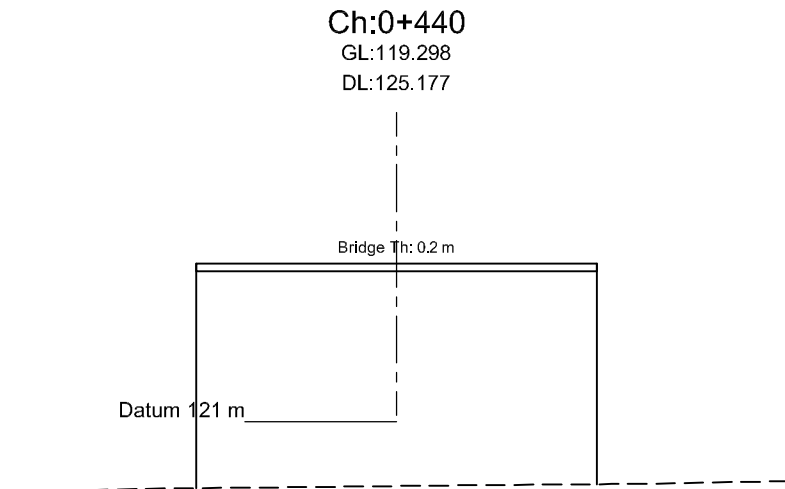
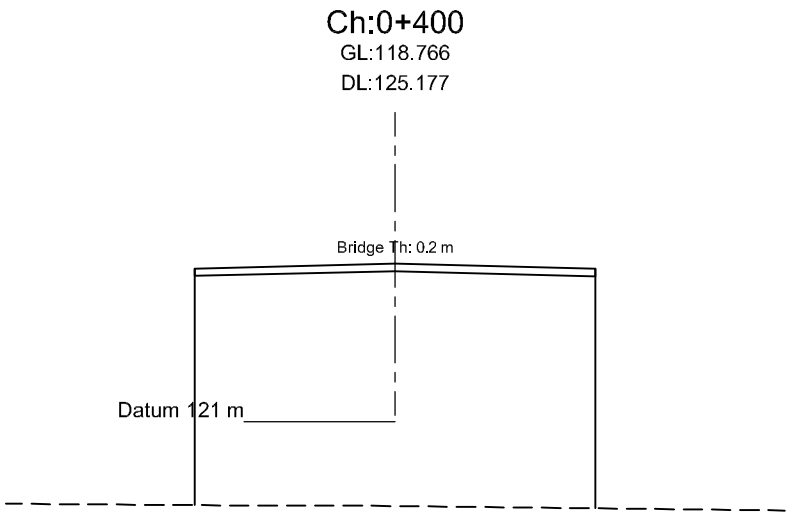
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Cross-Section
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024
DRG NO : SM/RD/CS/2
CHAINAGE : 0+180-0+340
SHEET NO : 2

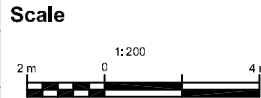


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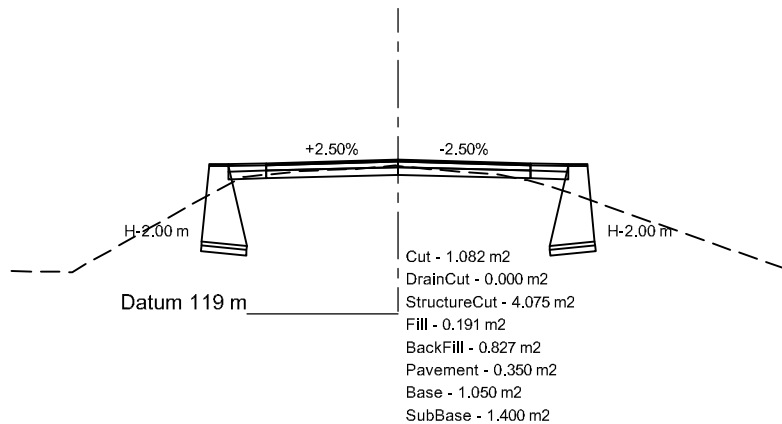
Cross-Section
SAINAMAINA RINGROAD SALJHANDI
DUIIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024
DRG NO : SM/RD/CS/3
CHAINAGE : 0+360-0+500
SHEET NO : 3

Ch:0+560

GL:122.909

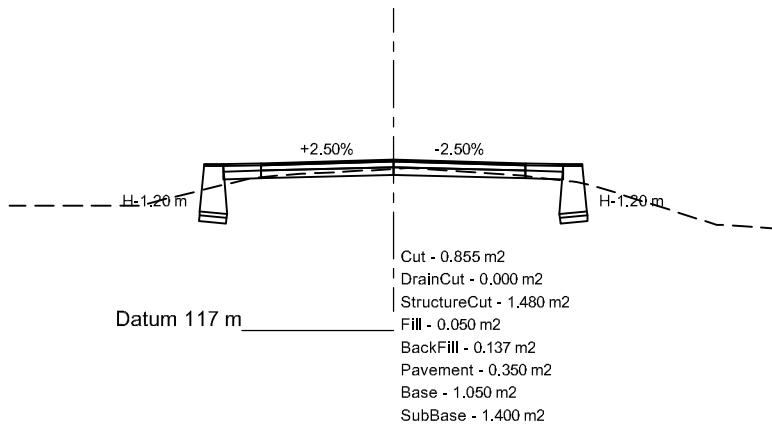
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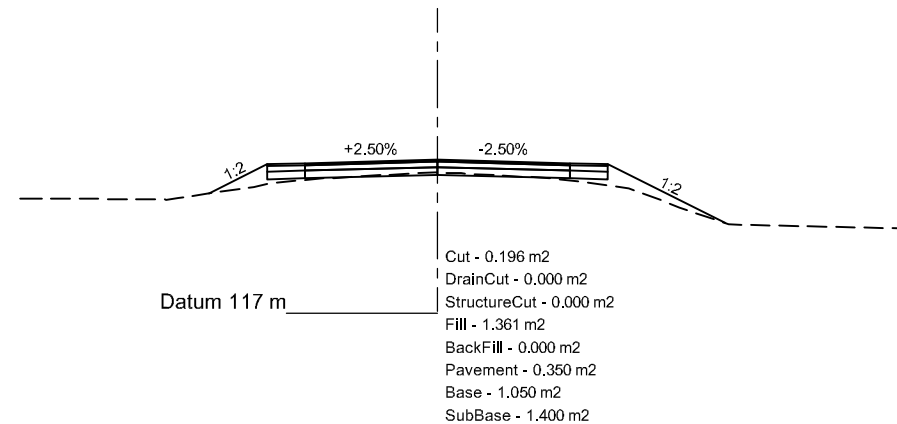
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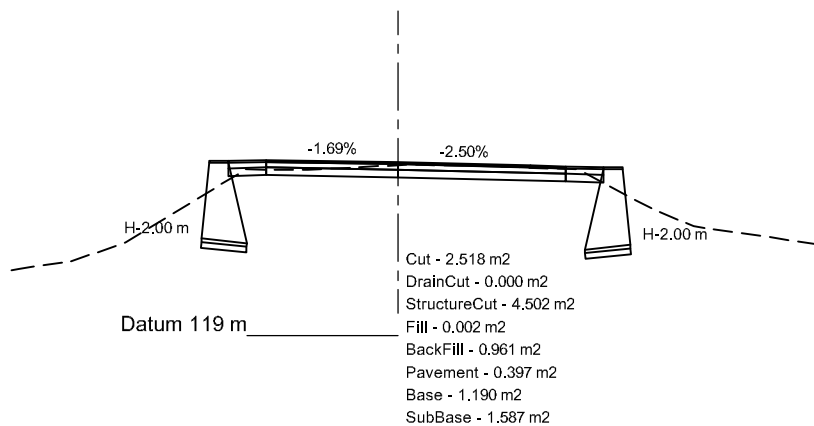
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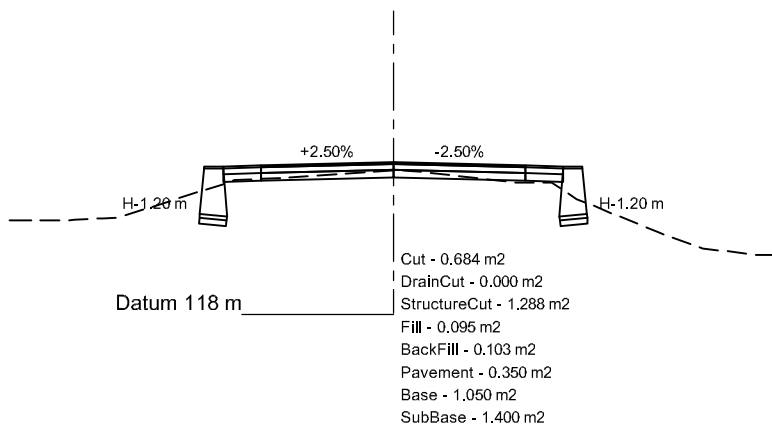
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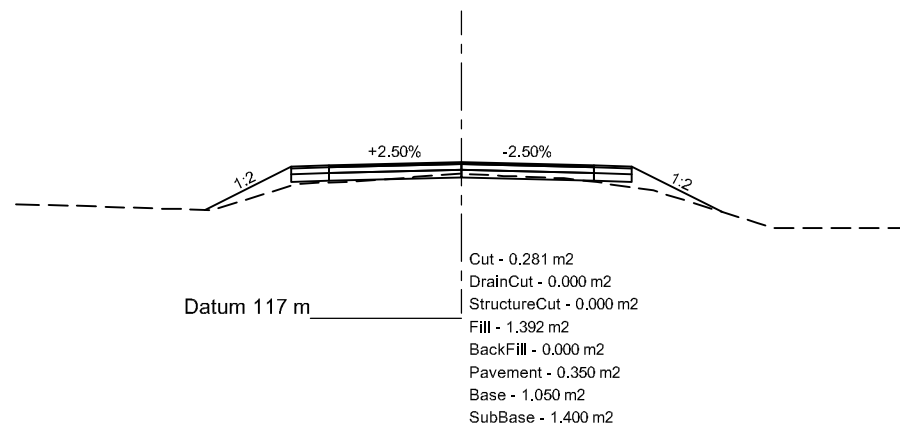
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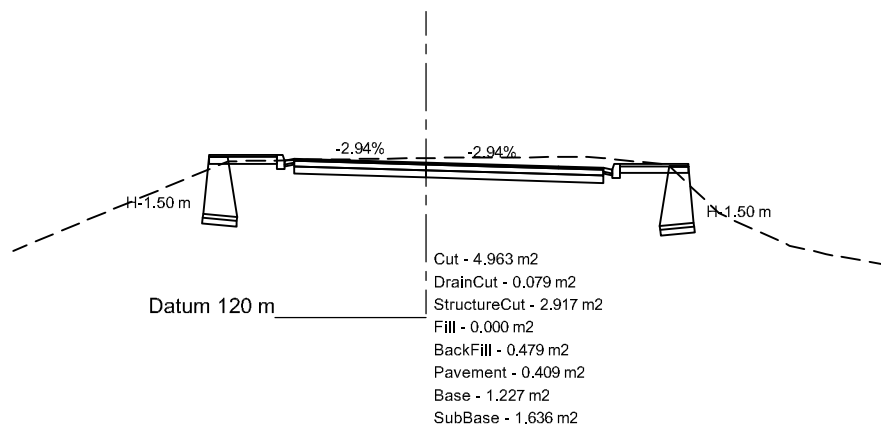
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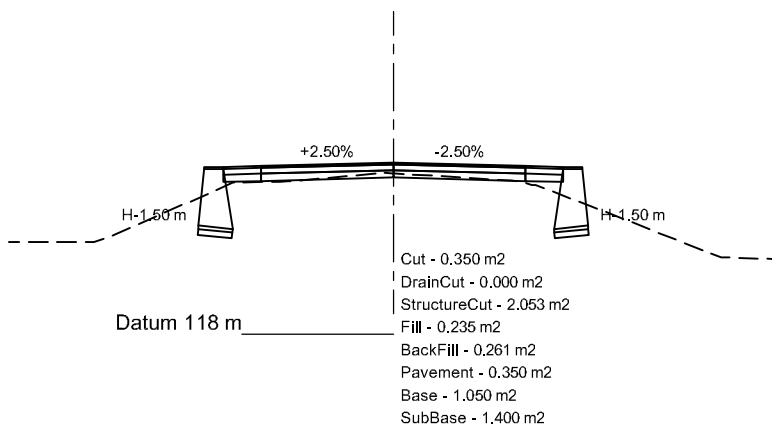
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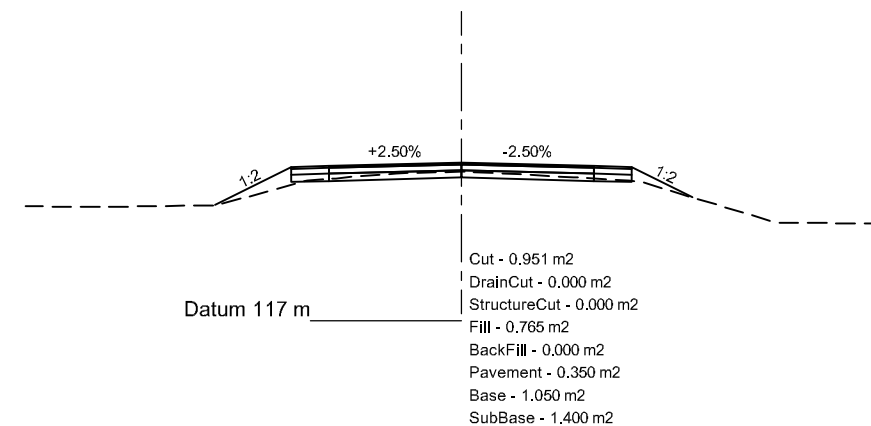
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GL:120.958

DL:121.194



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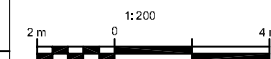
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client

Approved By :

Checked By :

Scale



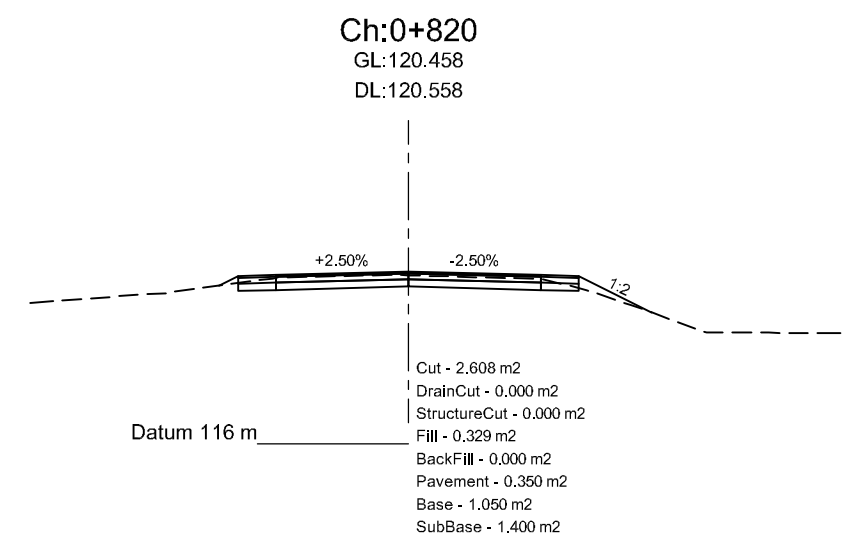
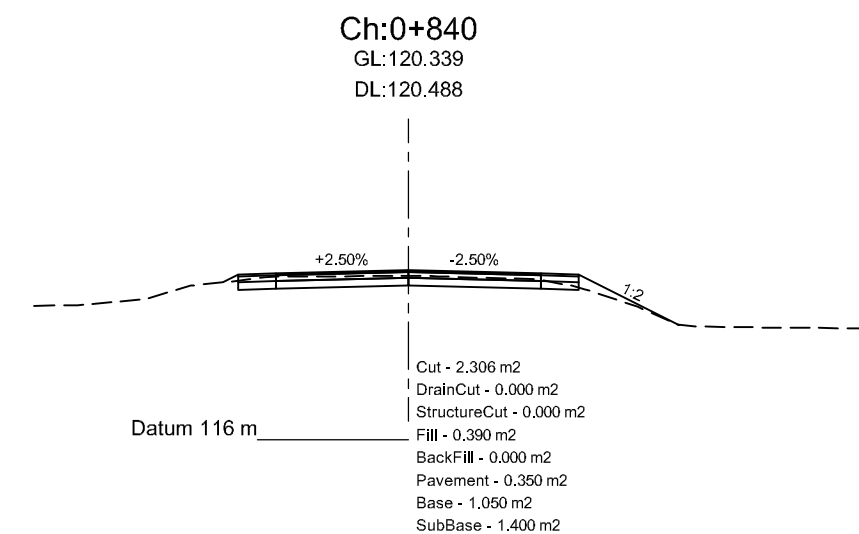
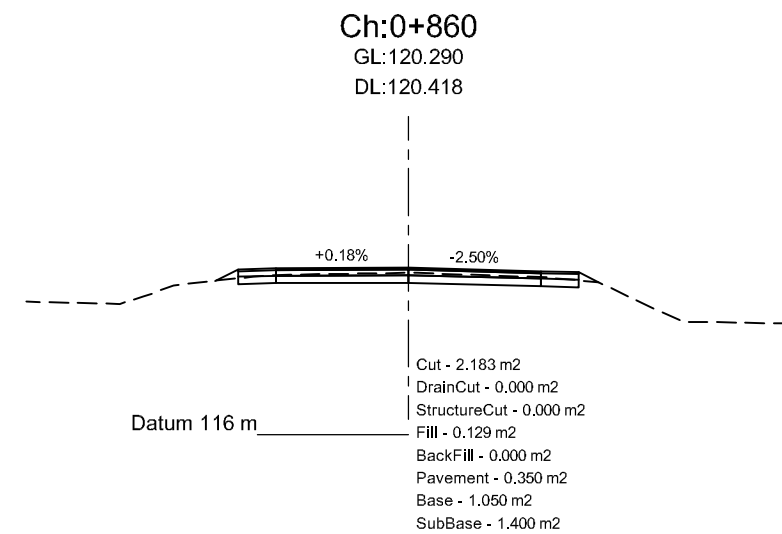
Cross-Section
SAINAMAINA RINGROAD SALJHANDI
DUMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

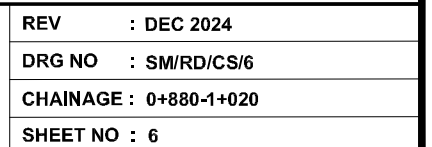
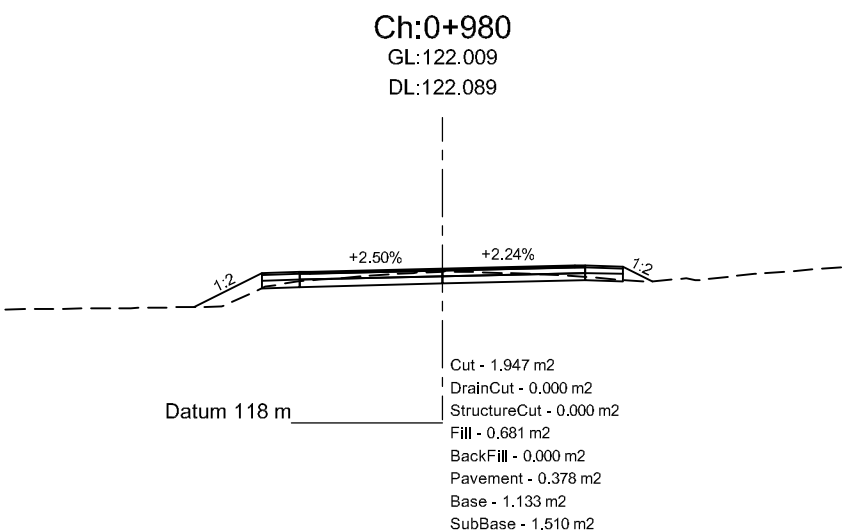
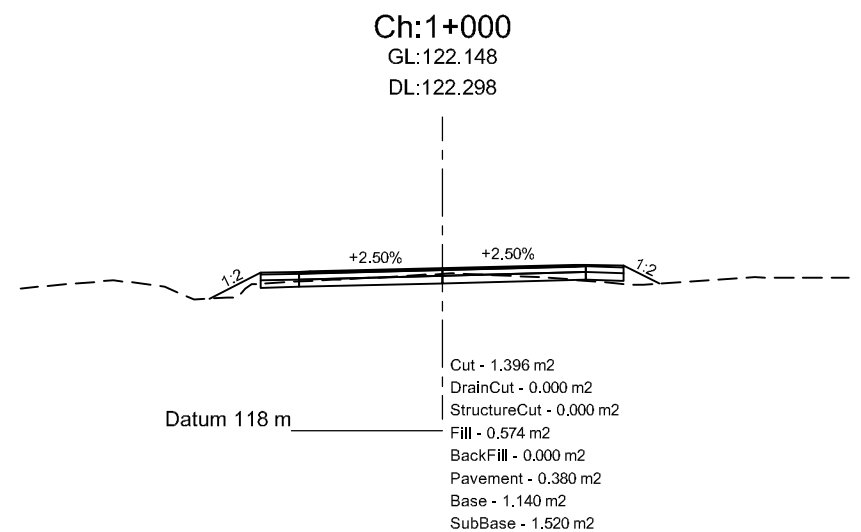
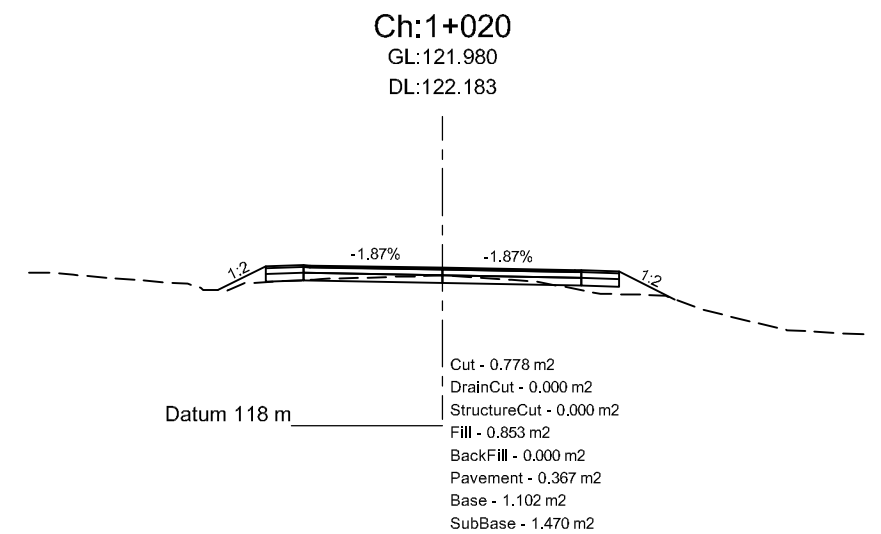
REV : DEC 2024

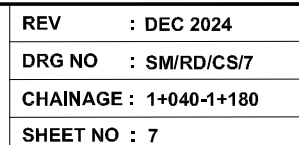
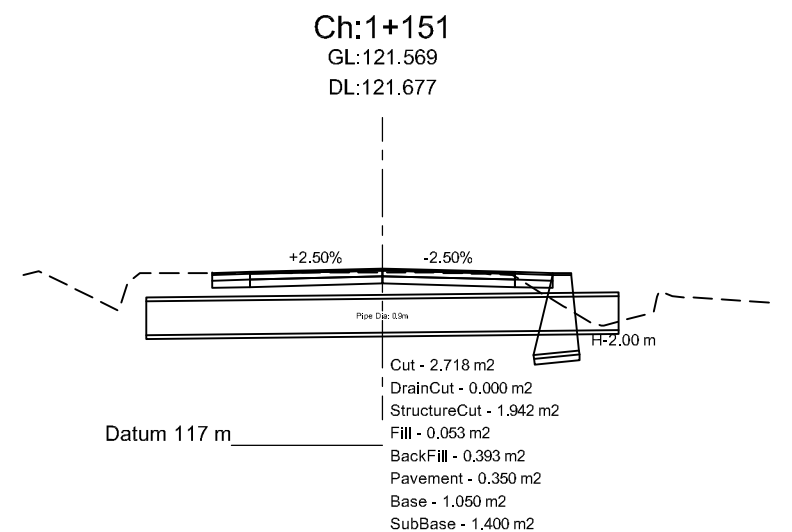
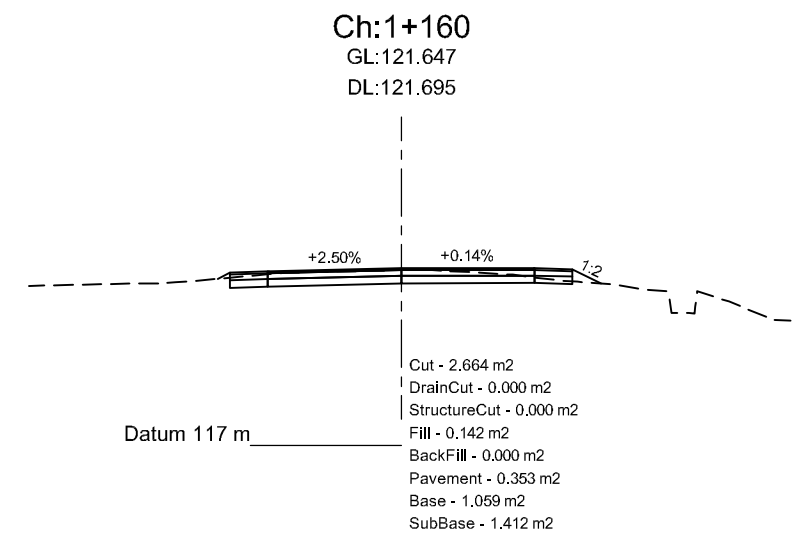
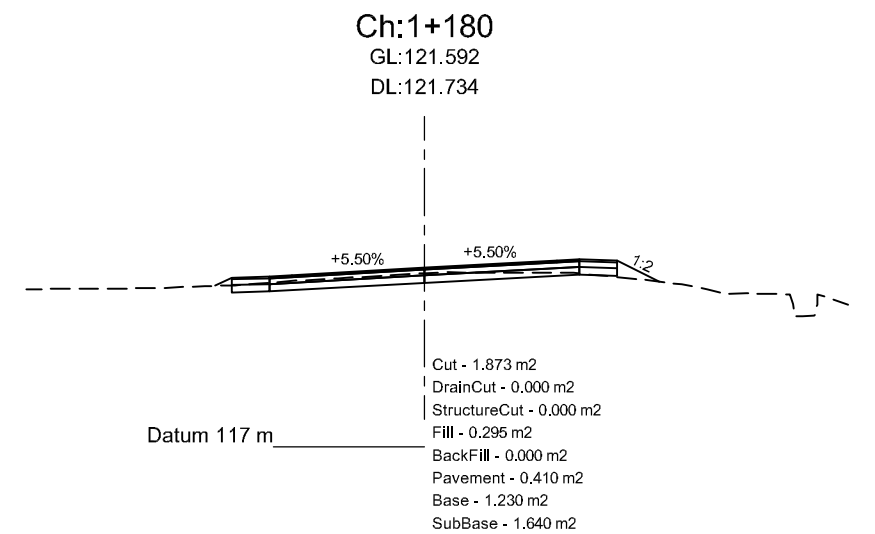
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CHAINAGE : 0+520-0+680

SHEET NO : 4



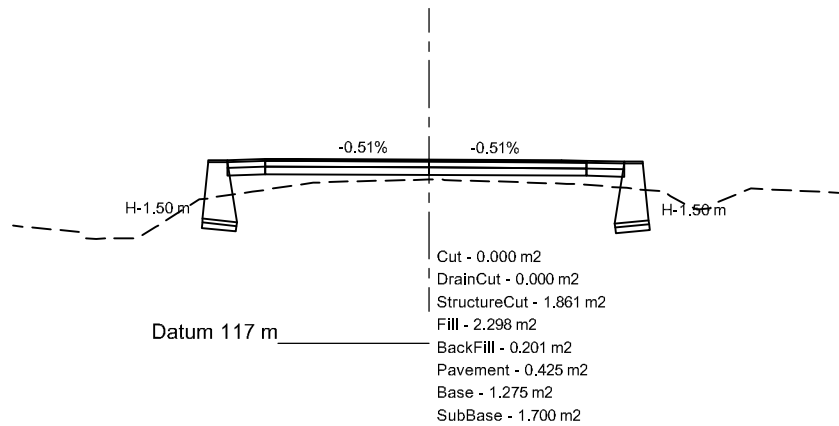




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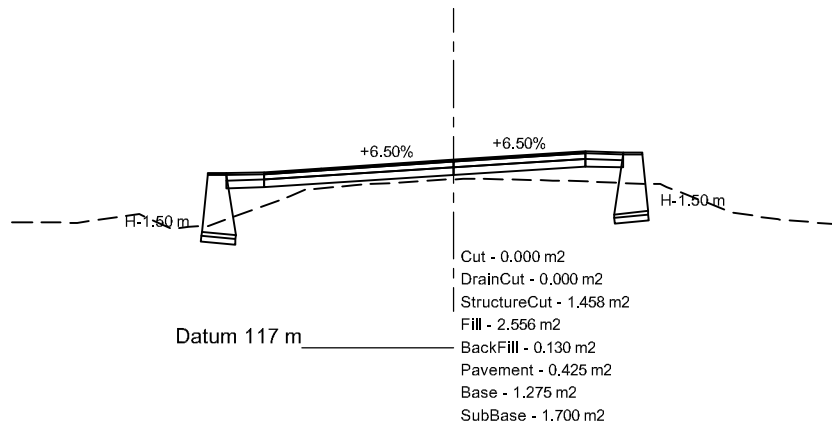
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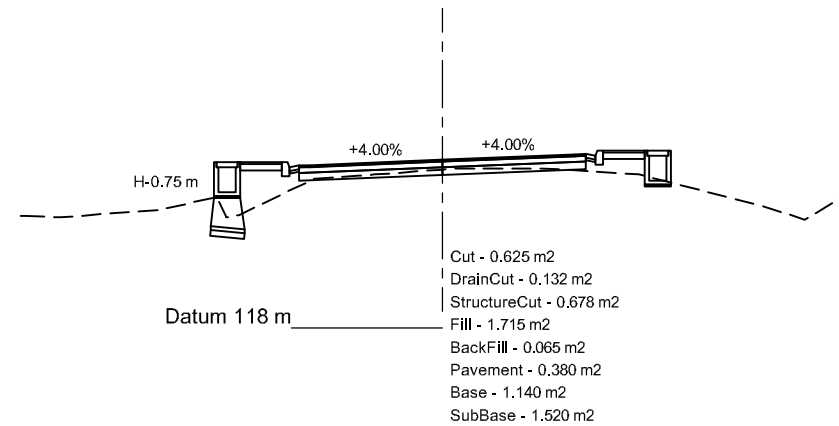
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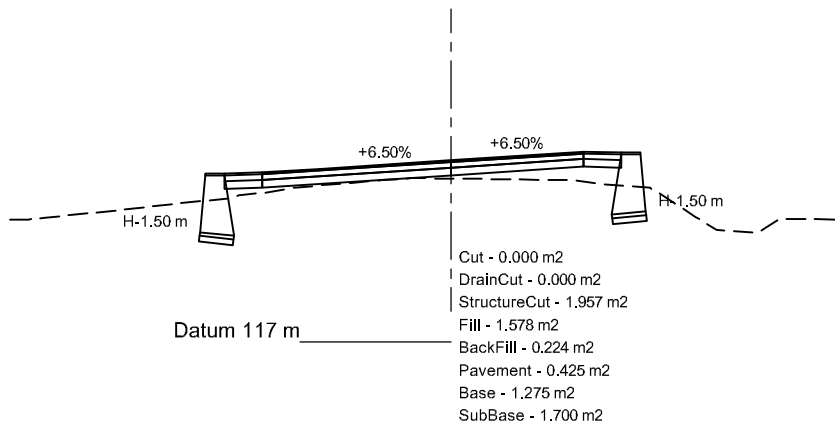
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Ch:1+220

GL:121.326

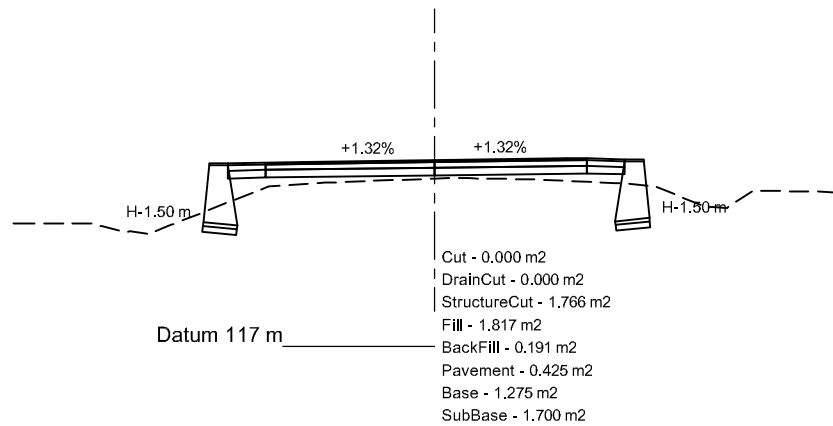
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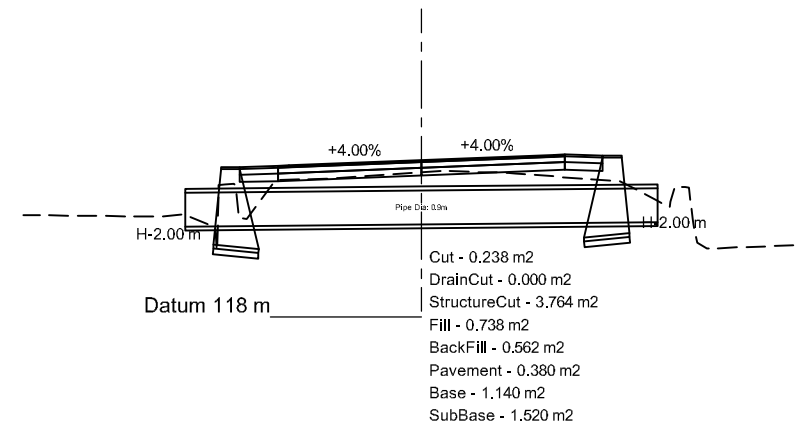
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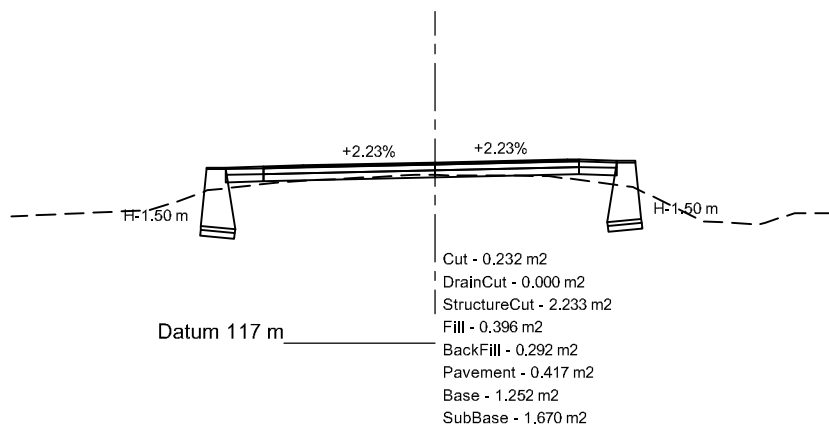
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Ch:1+200

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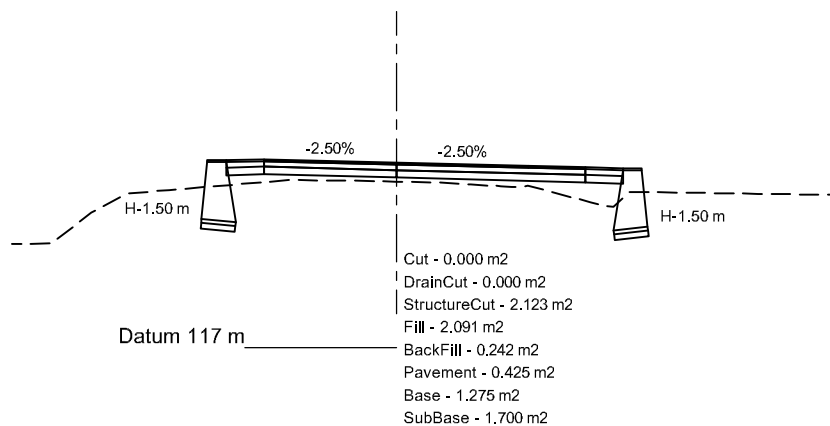
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Ch:1+260

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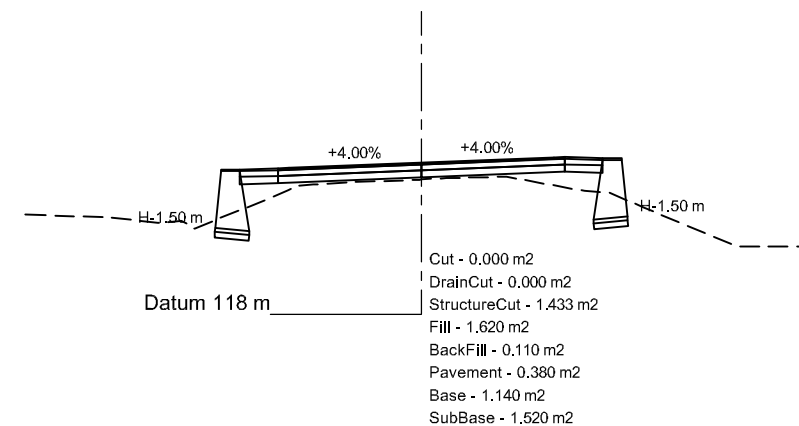
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Ch:1+320

GL:121.565

DL:122.014



Department of Urban Development & Building
Construction (DUDBC)
Regional Urban Development Project (RUDP)
Project Coordination Office
Babarmahal, Kathmandu, Nepal

Reviewed & Designed By :
DOHWA Engineering Co. Ltd.
in Association with
ERMIC (P.) Ltd., SILT Consultants (P.) Ltd., and
DIGICON (P.) Ltd.
Mid- Baneshwor, Kathmandu
Tel: 01- 4589393

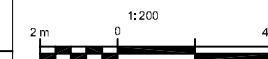
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client

Approved By :

Checked By :

Scale



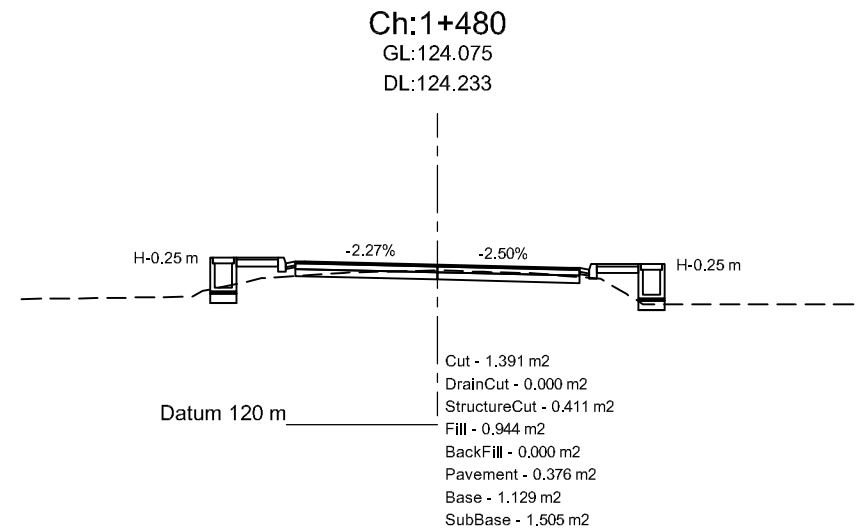
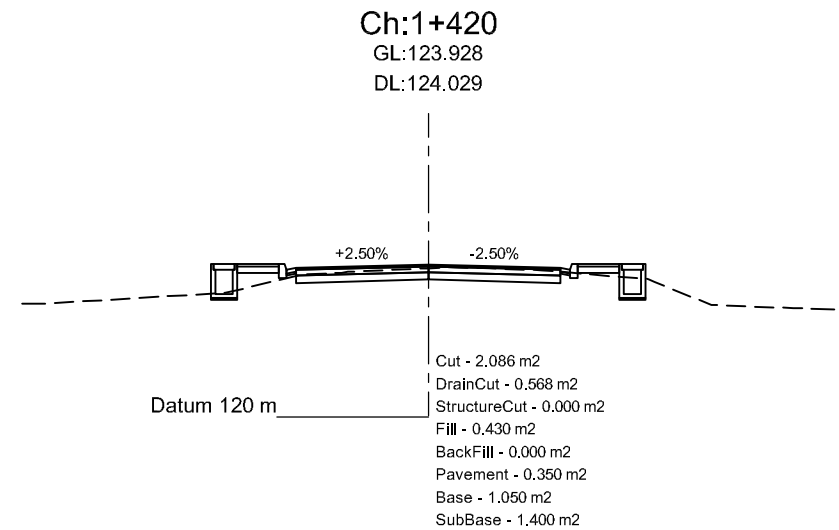
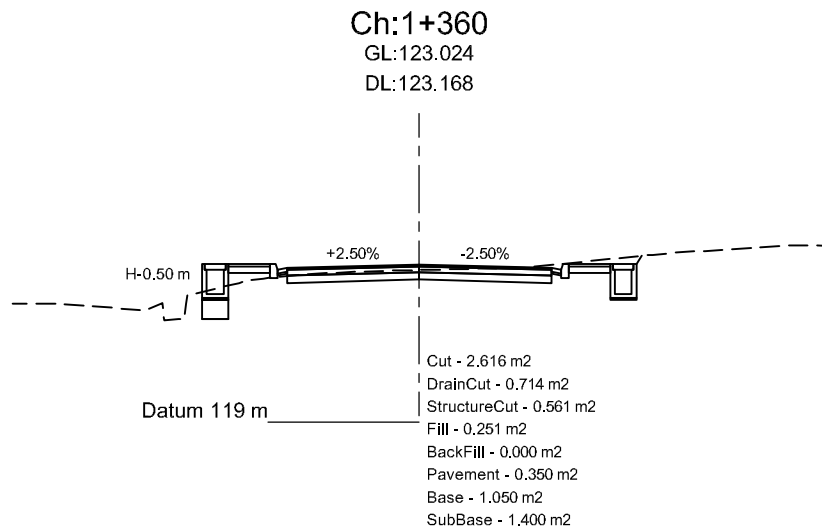
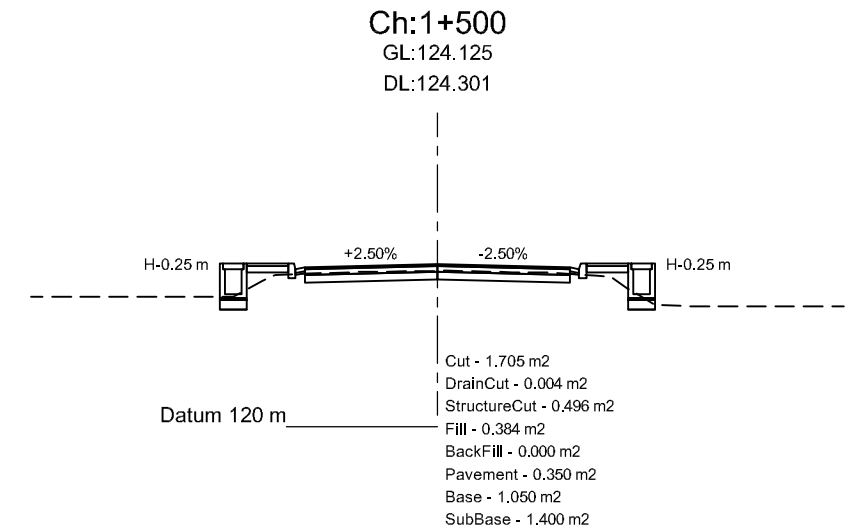
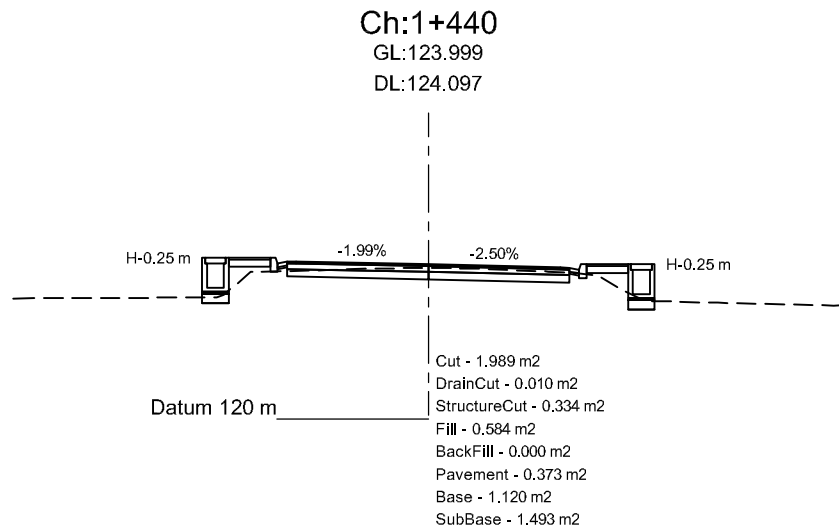
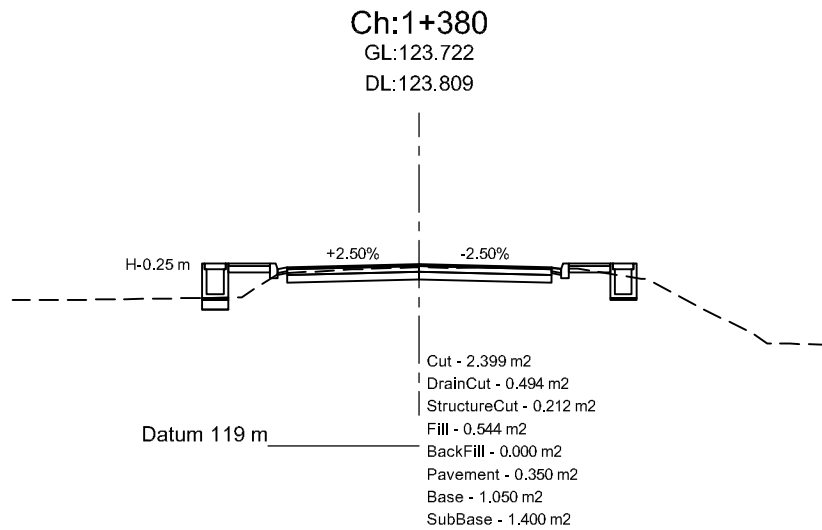
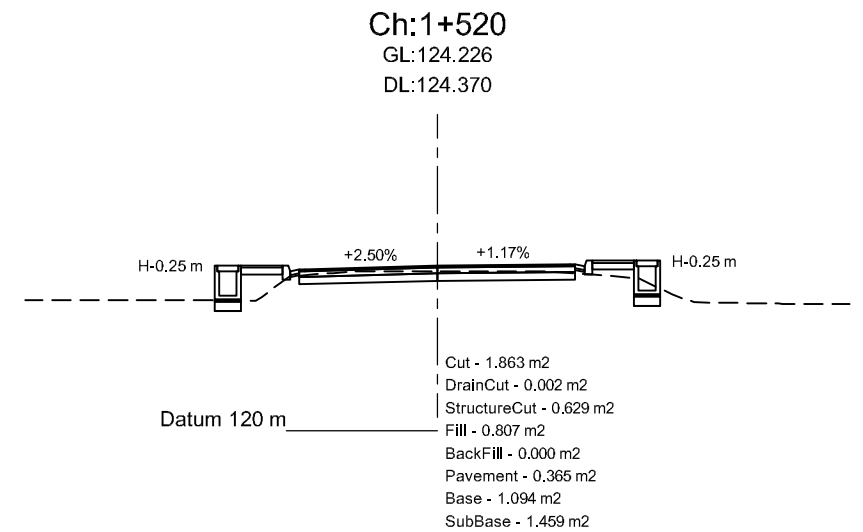
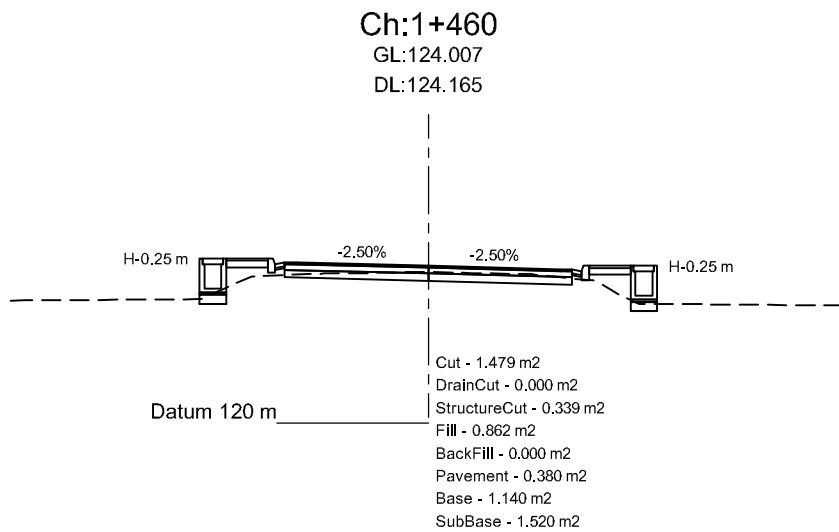
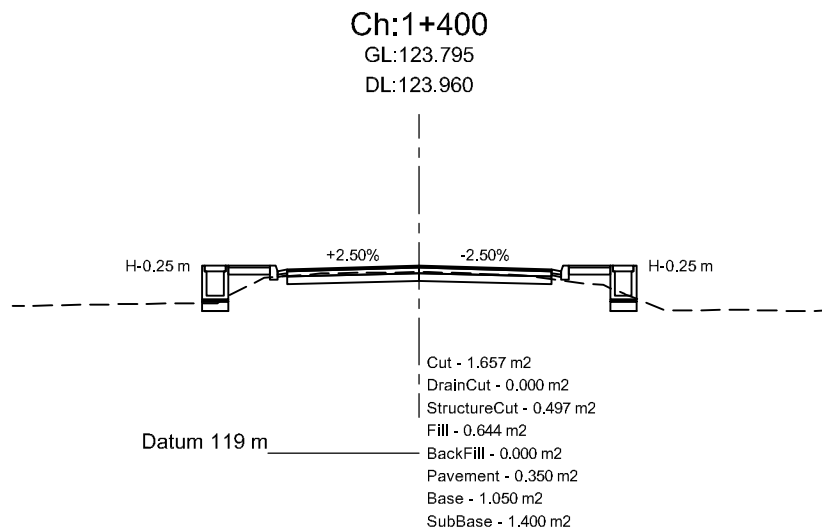
Cross-Section
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024

DRG NO : SM/RD/CS/8

CHAINAGE : 1+200-1+340

SHEET NO : 8

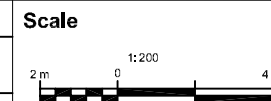


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Tel: 01- 4589393

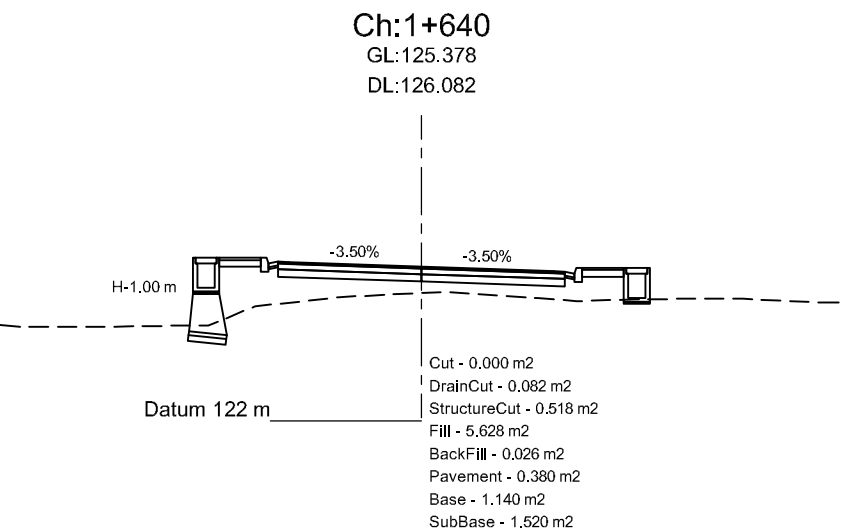
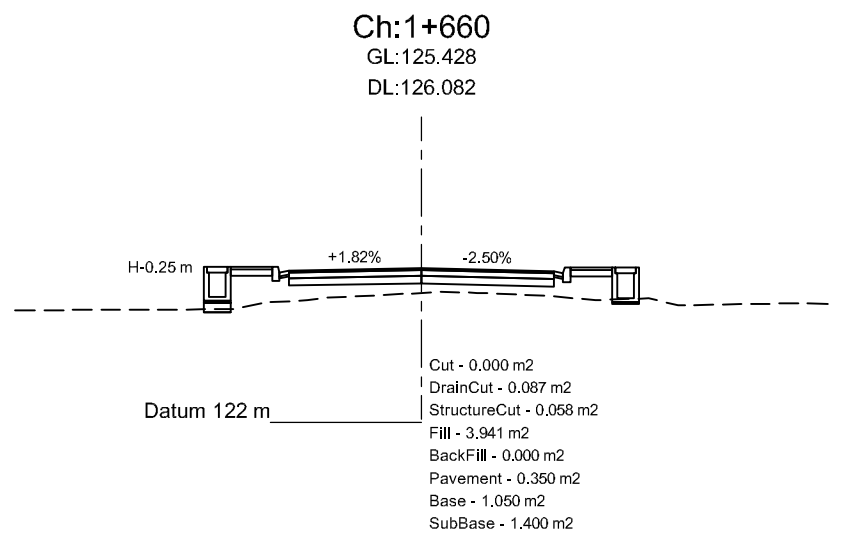
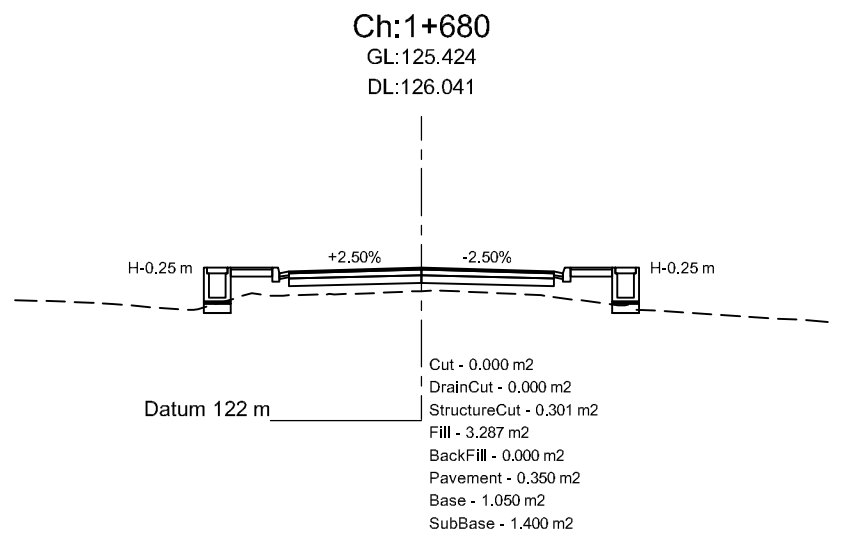
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

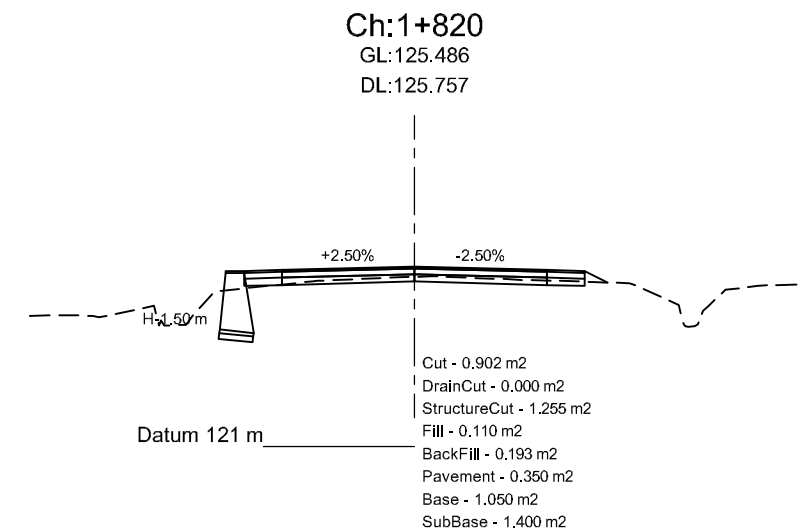
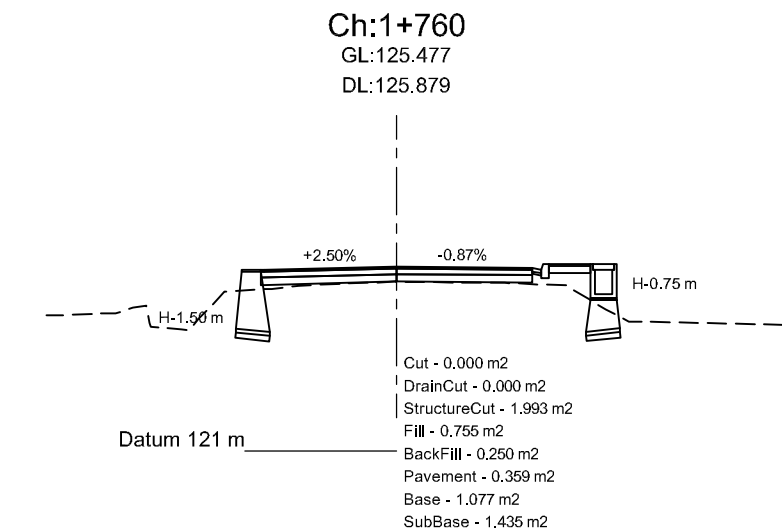
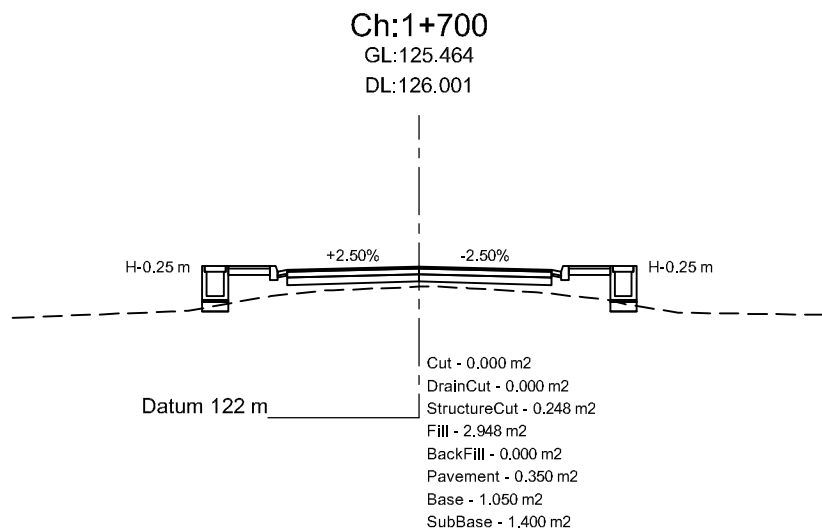
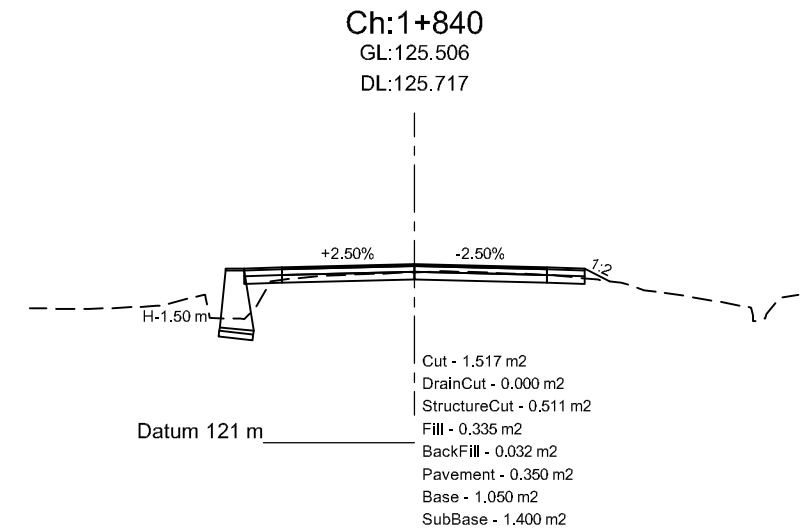
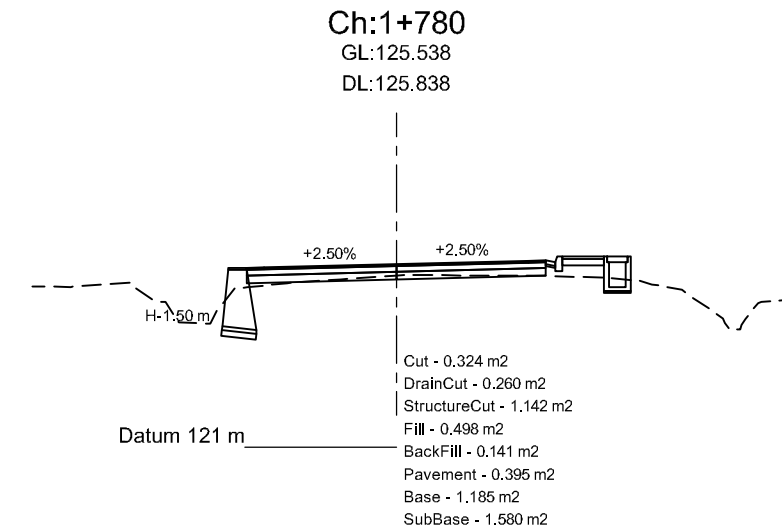
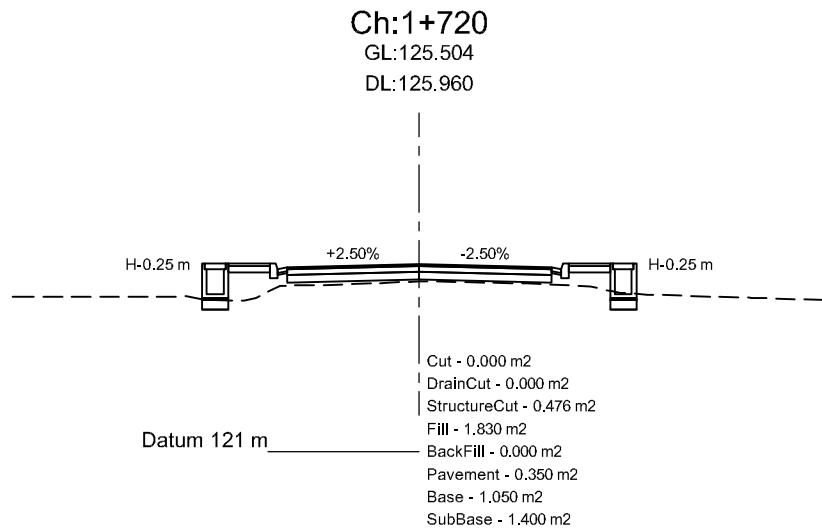
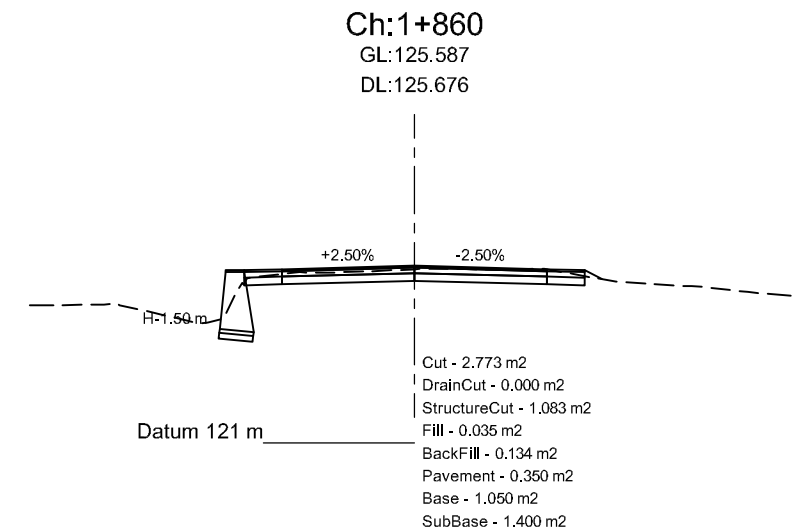
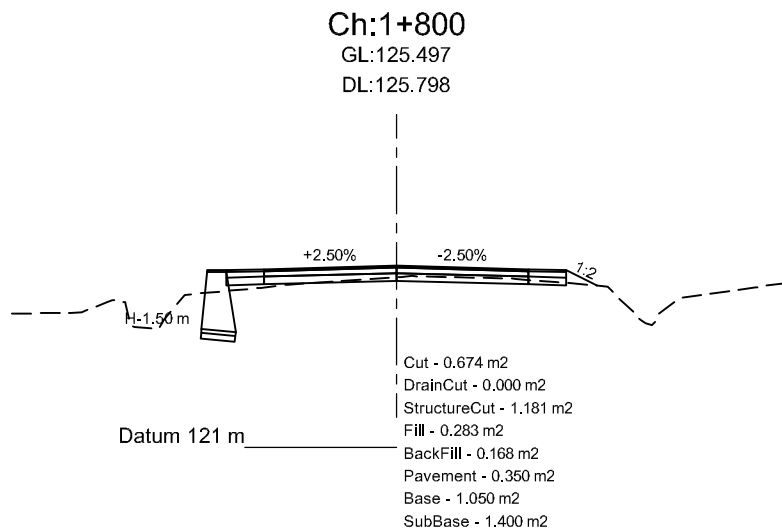
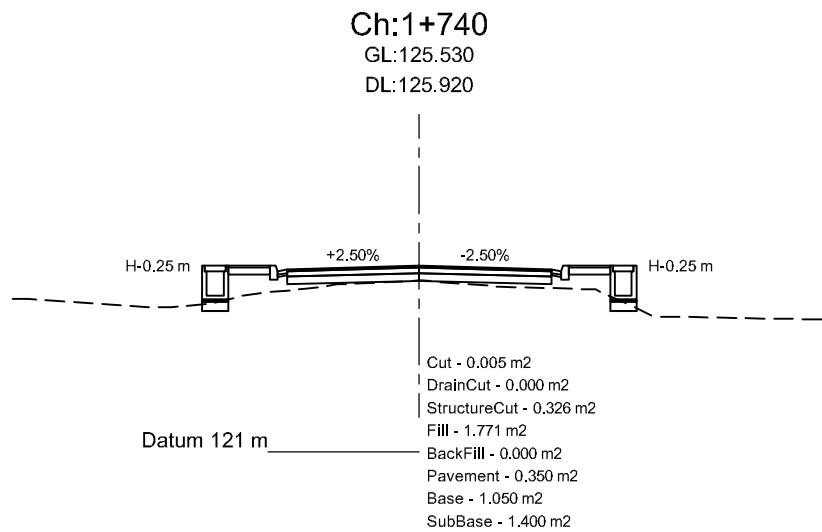
Client
Approved By :
Checked By :



Cross-Section
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024
DRG NO : SM/RD/CS/9
CHAINAGE : 1+360-1+520
SHEET NO : 9



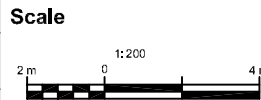


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Mid- Baneshwor, Kathmandu
Tel: 01- 4589393

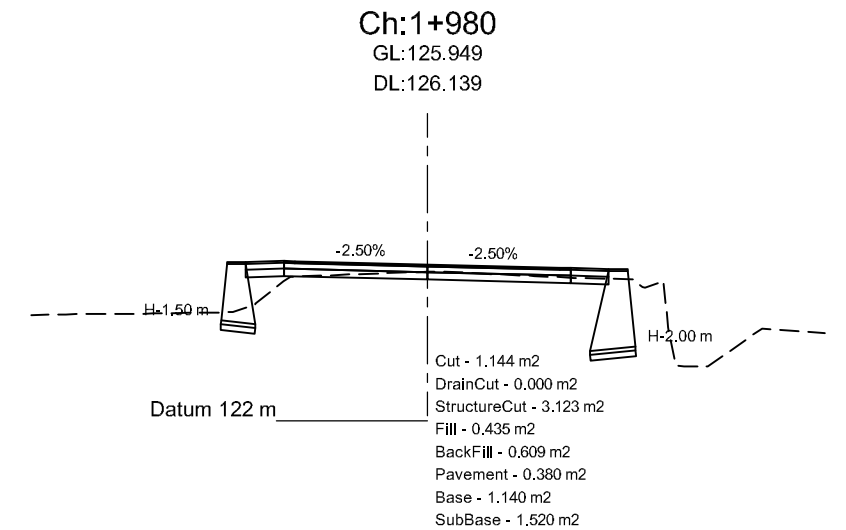
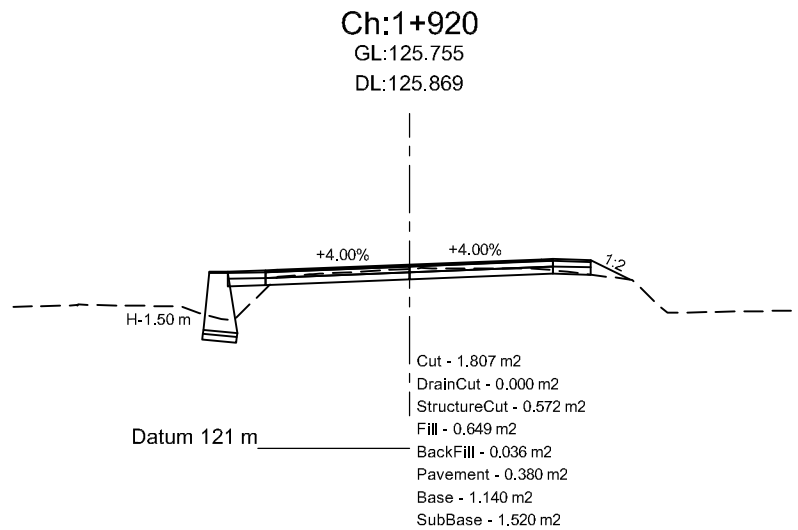
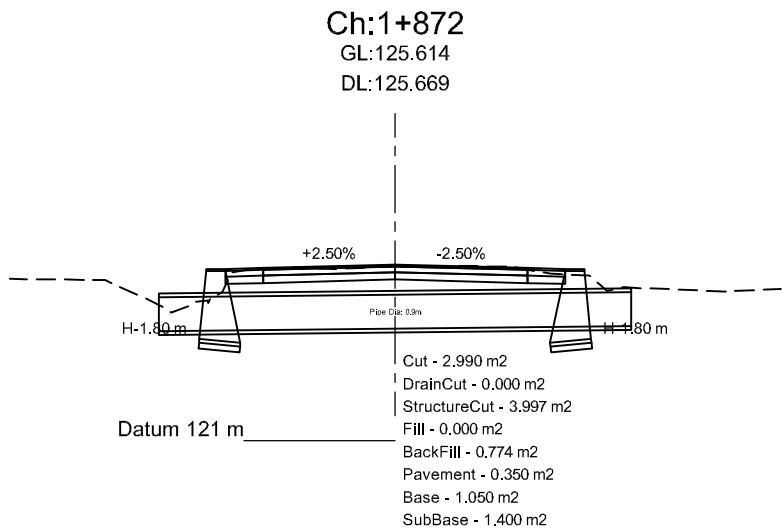
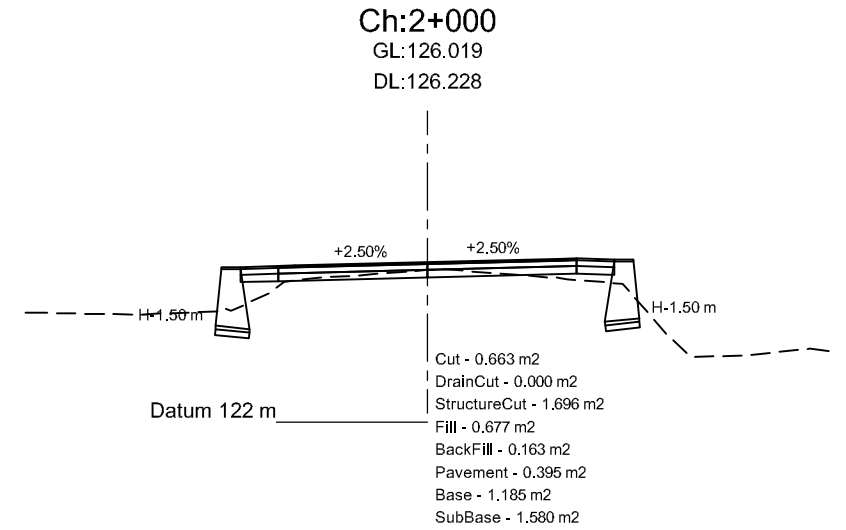
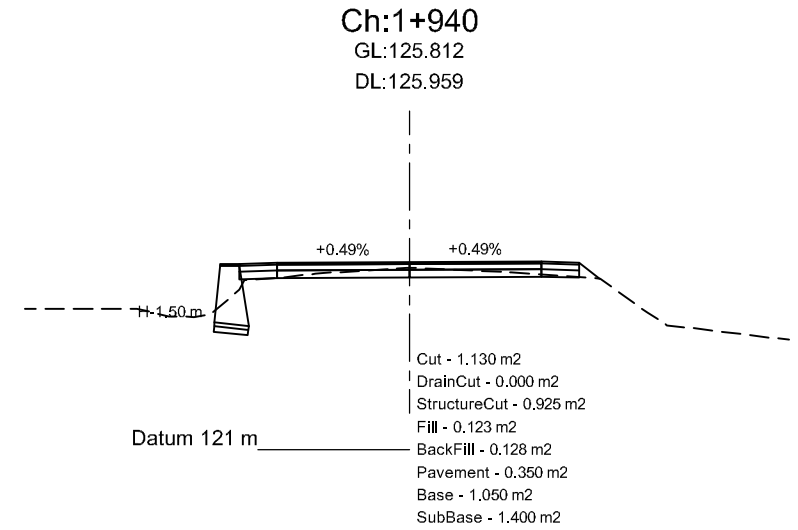
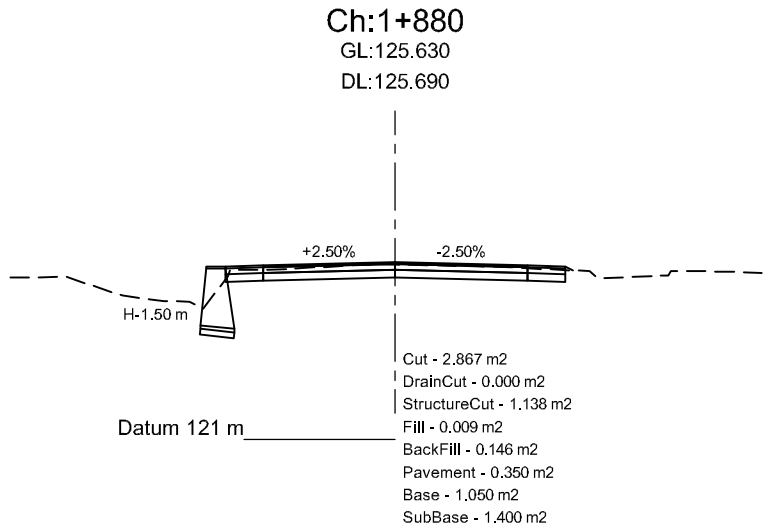
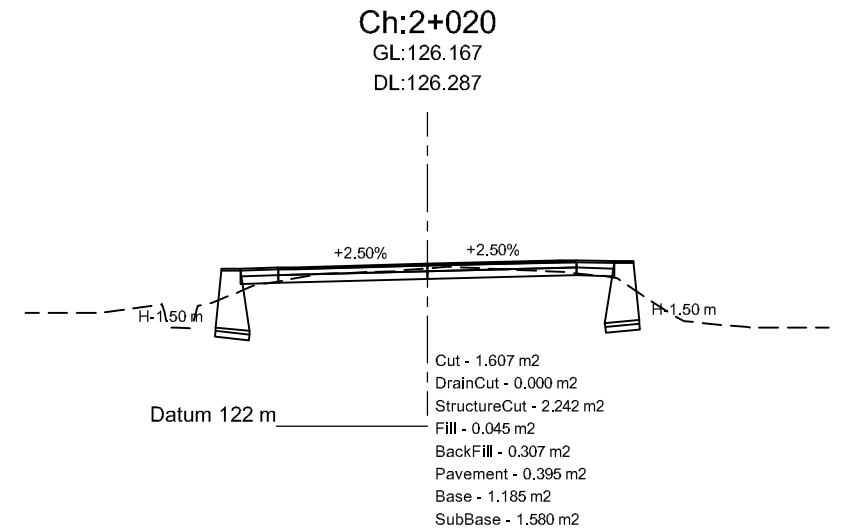
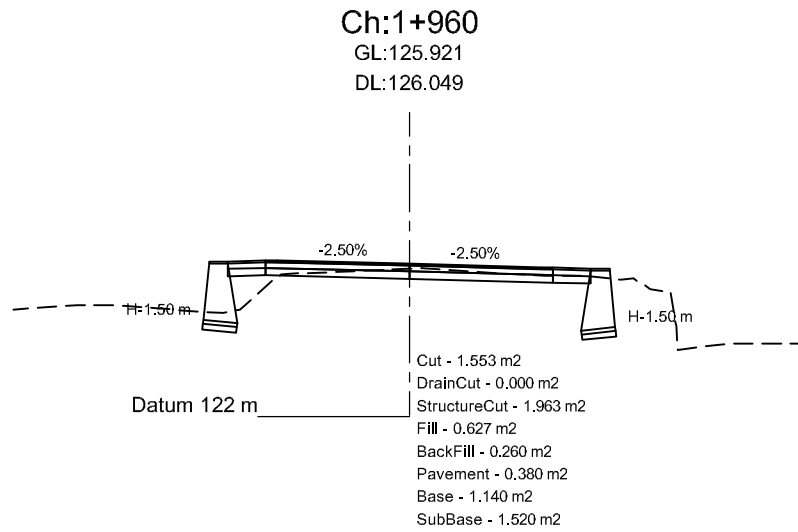
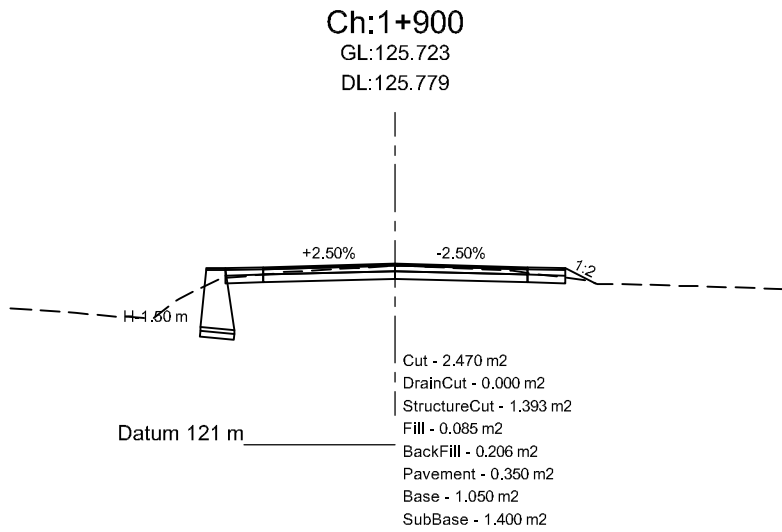
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Cross-Section
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024
DRG NO : SM/RD/CS/11
CHAINAGE : 1+700-1+860
SHEET NO : 11

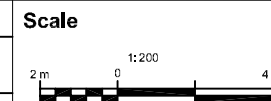


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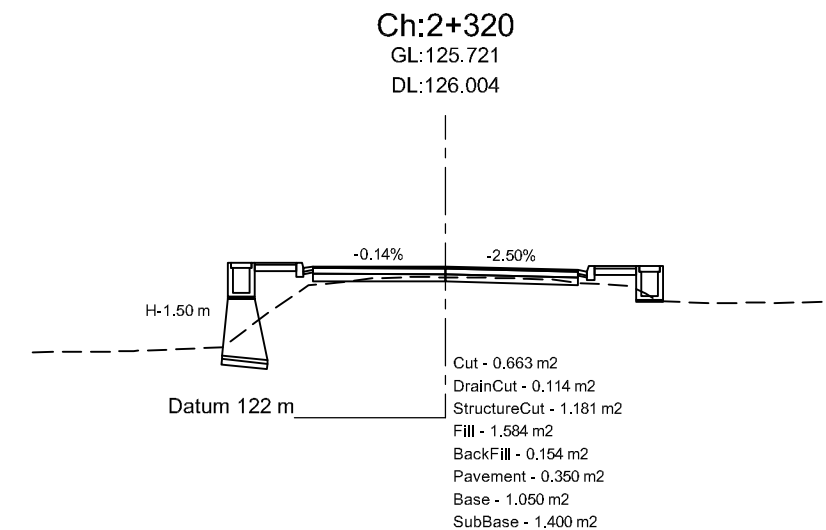
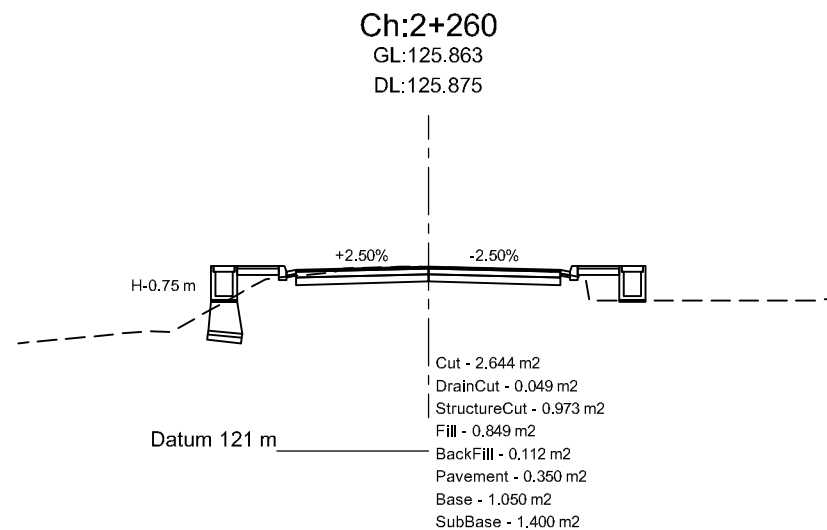
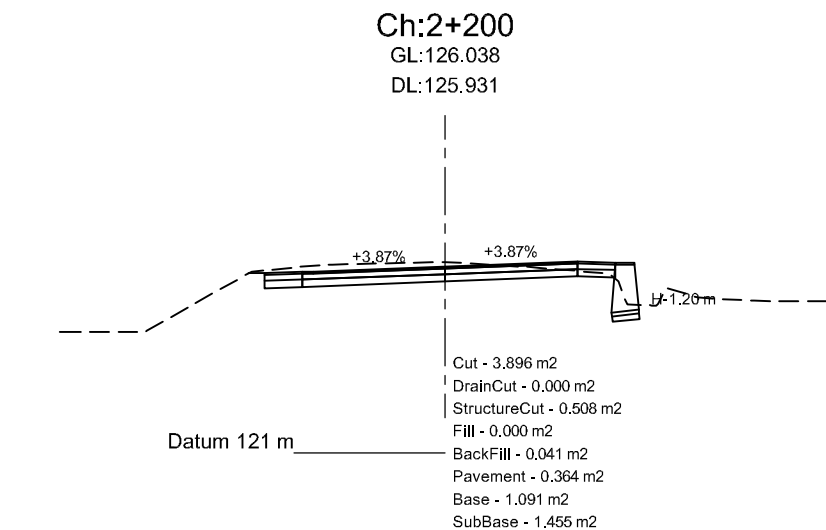
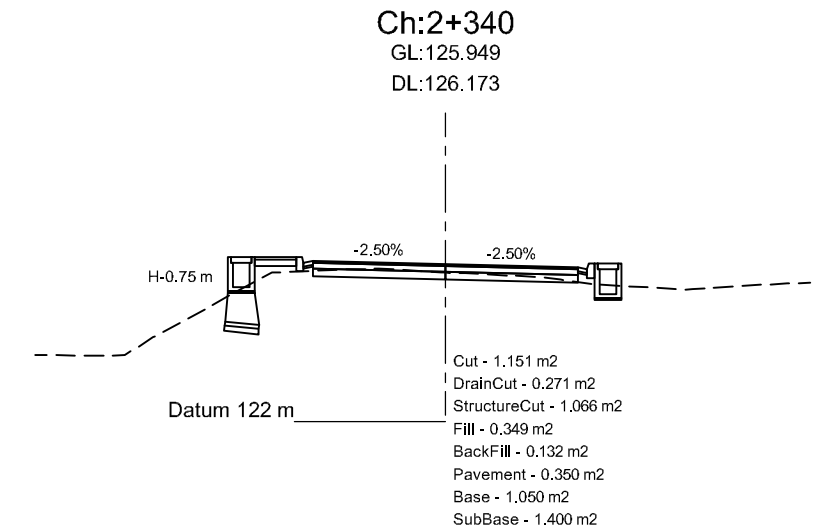
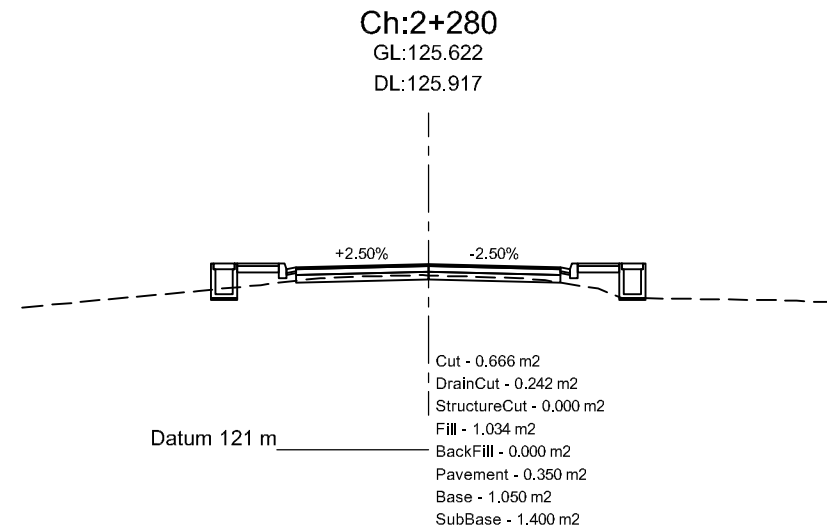
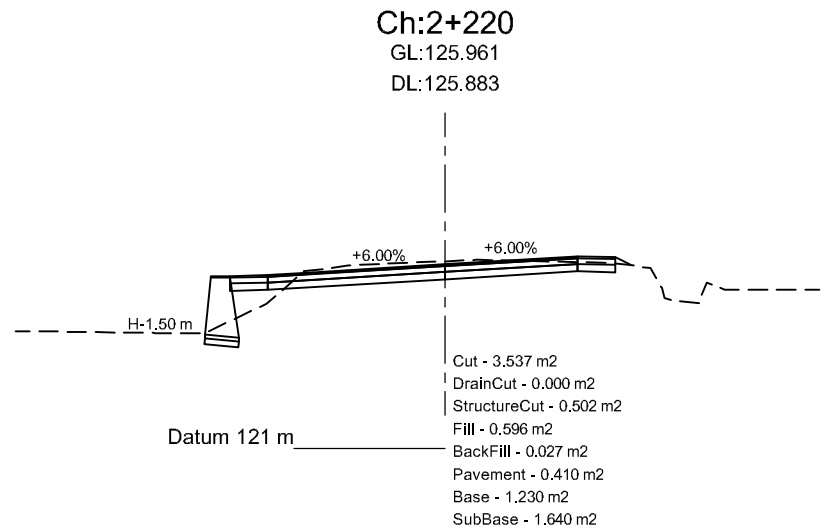
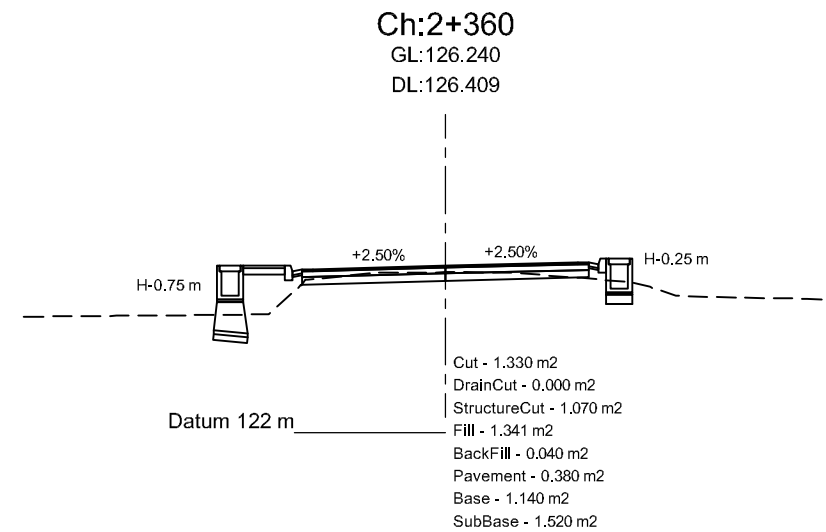
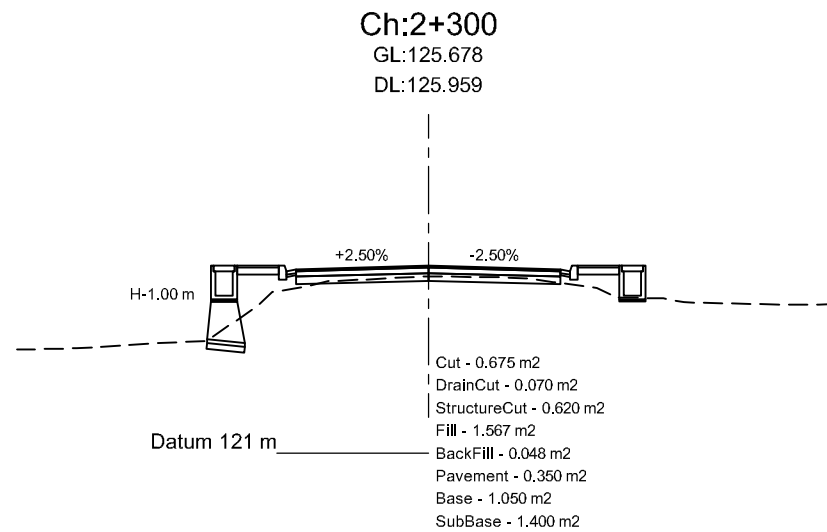
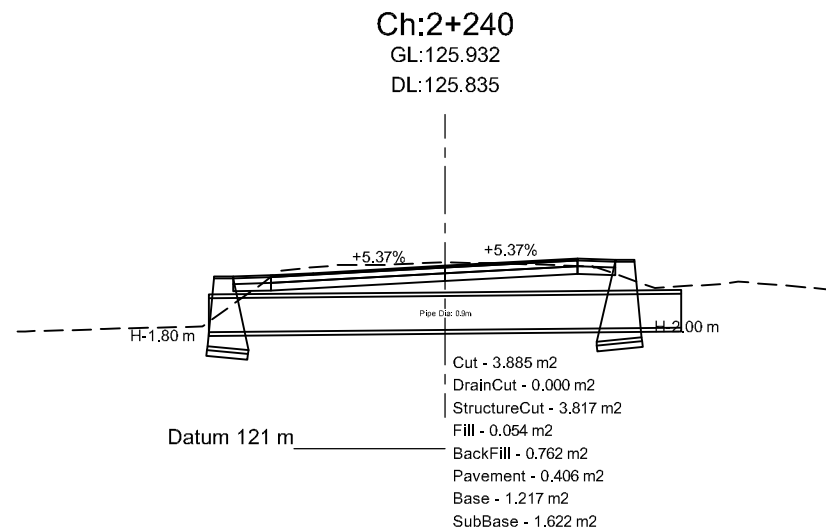
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Cross-Section
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024
DRG NO : SM/RD/CS/12
CHAINAGE : 1+872-2+020
SHEET NO : 12

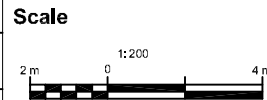


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Regional Urban Development Project (RUDP)
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Babarmahal, Kathmandu, Nepal

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Tel: 01- 4589393

Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



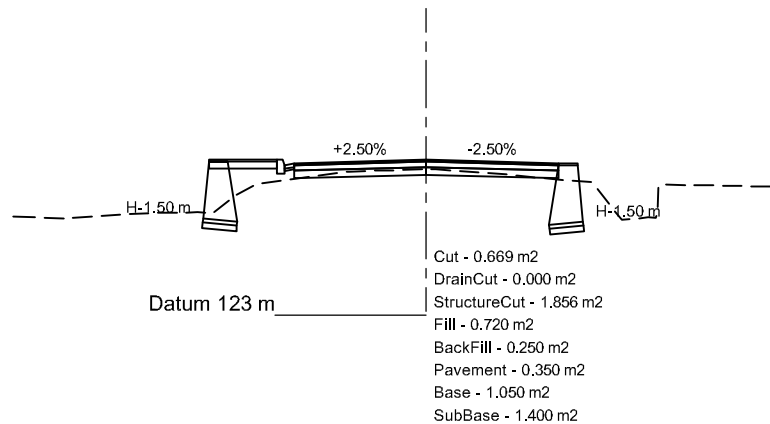
Cross-Section
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024
DRG NO : SM/RD/CS/14
CHAINAGE : 2+200-2+360
SHEET NO : 14

Ch:2+420

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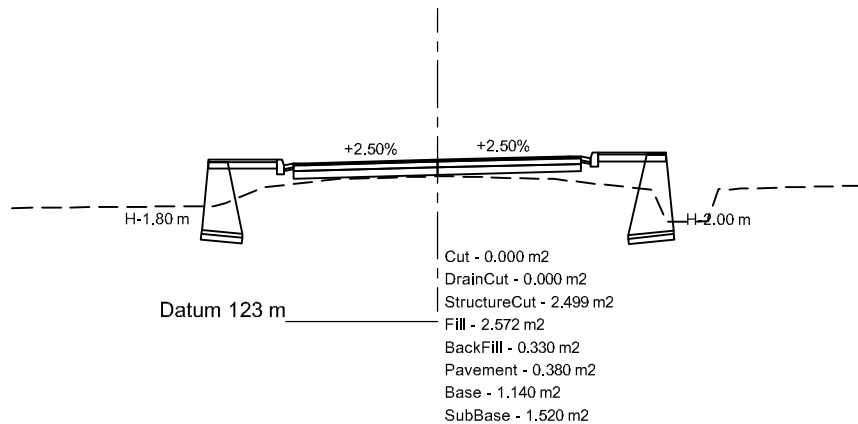
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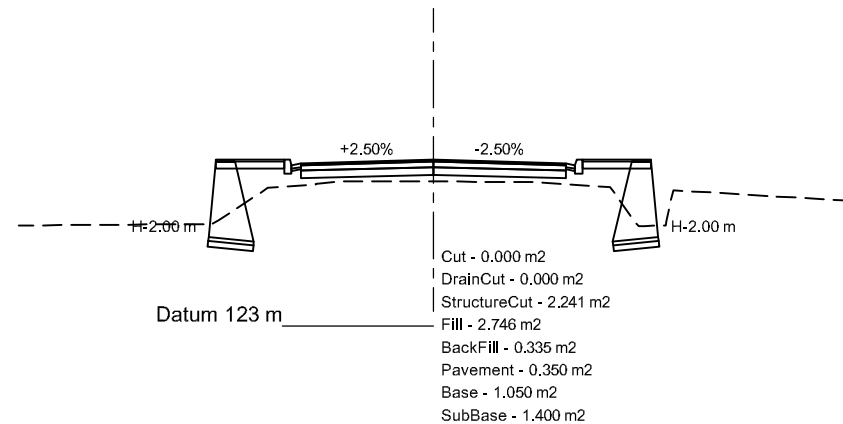
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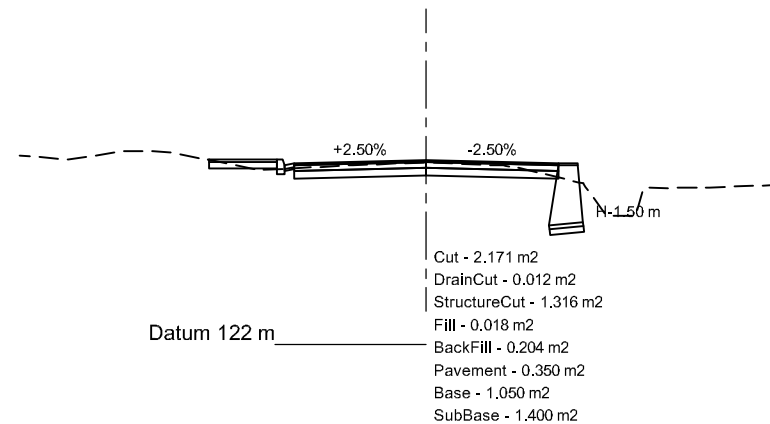
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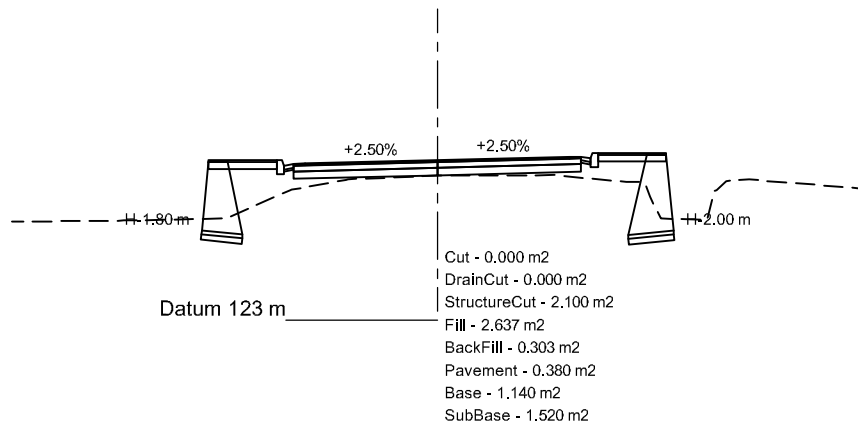
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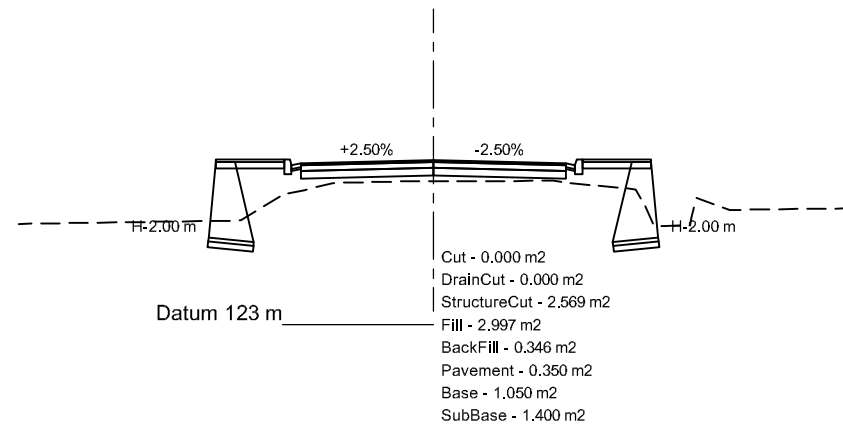
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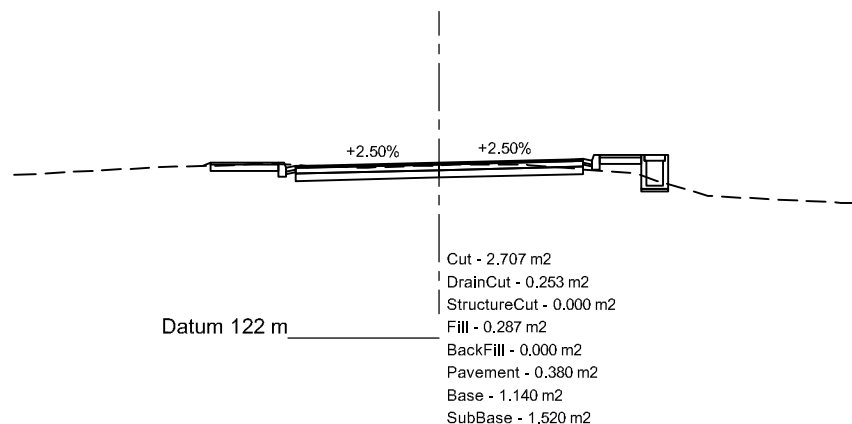
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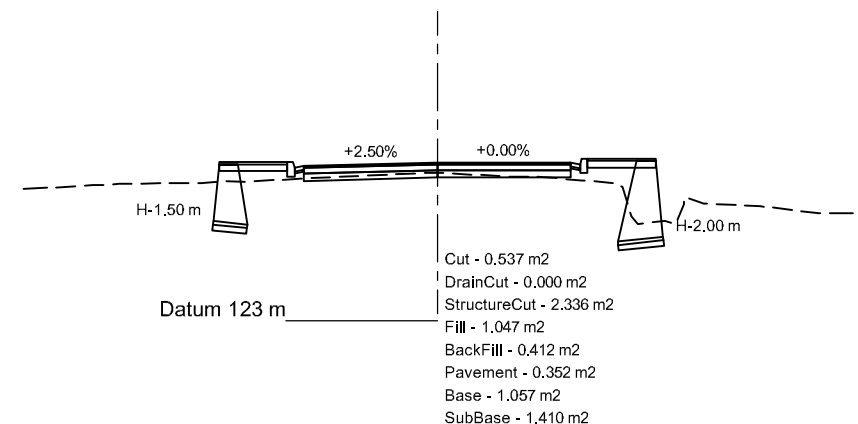
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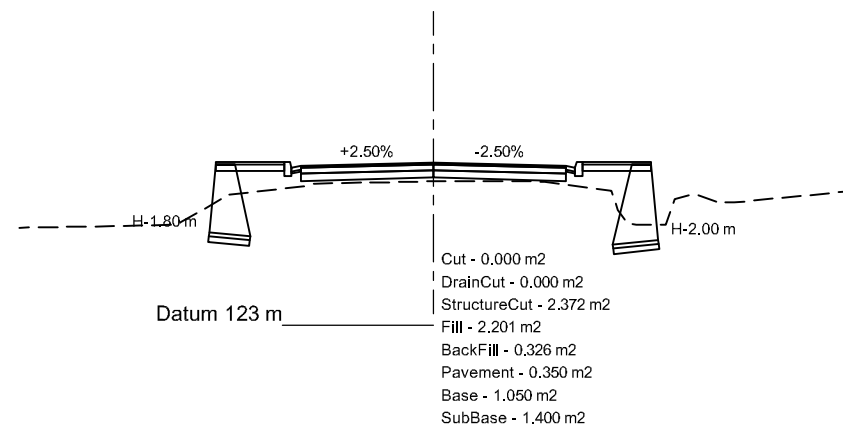
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Ch:2+500

GL:126.812

DL:127.314



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Mid- Baneshwor, Kathmandu
Tel: 01- 4589393

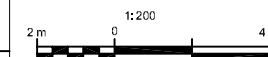
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client

Approved By :

Checked By :

Scale



Cross-Section
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024

DRG NO : SM/RD/CS/15

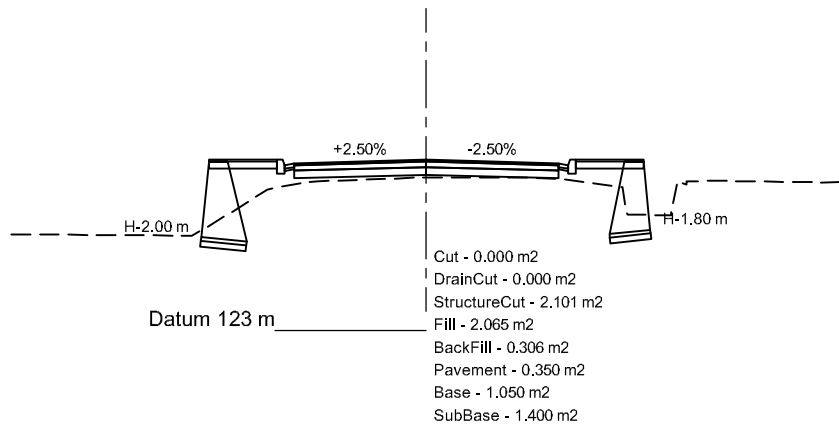
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SHEET NO : 15

Ch:2+600

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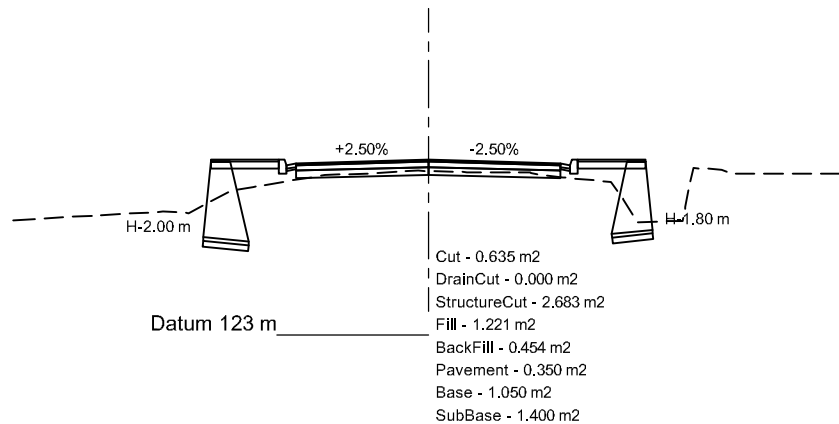
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Ch:2+660

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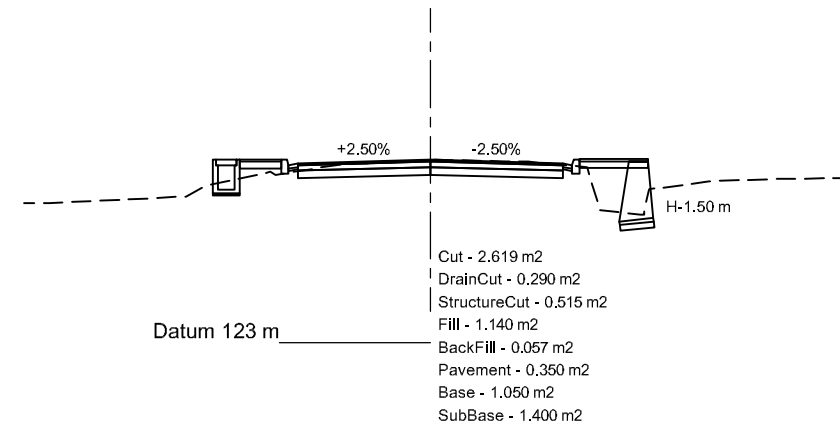
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Ch:2+700

GL:127.835

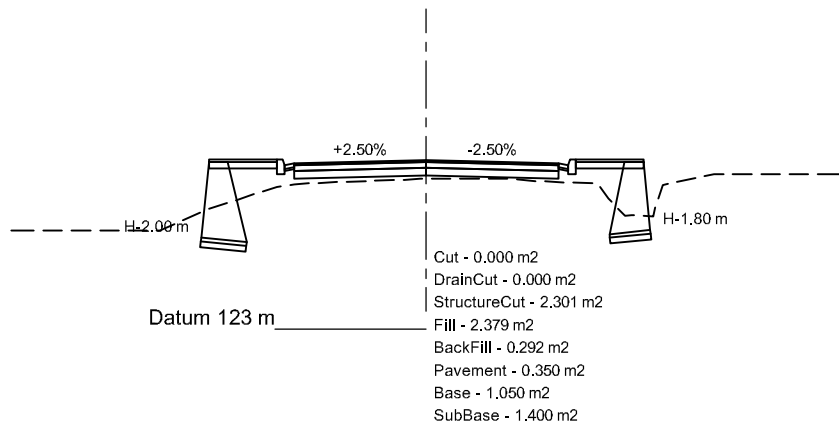
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Ch:2+580

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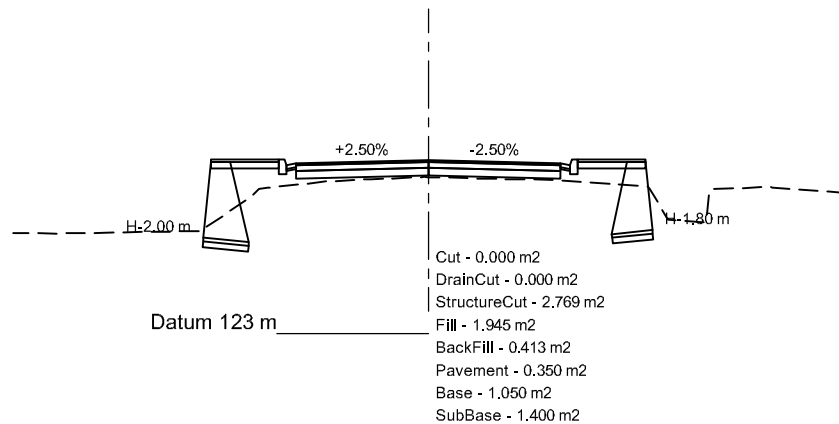
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Ch:2+640

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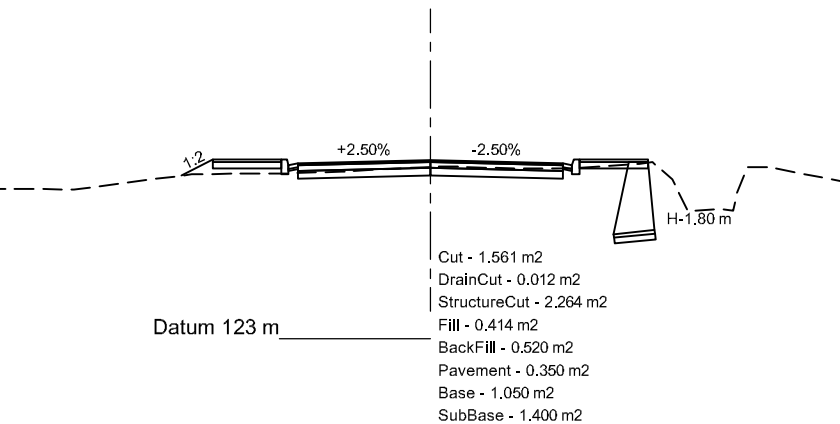
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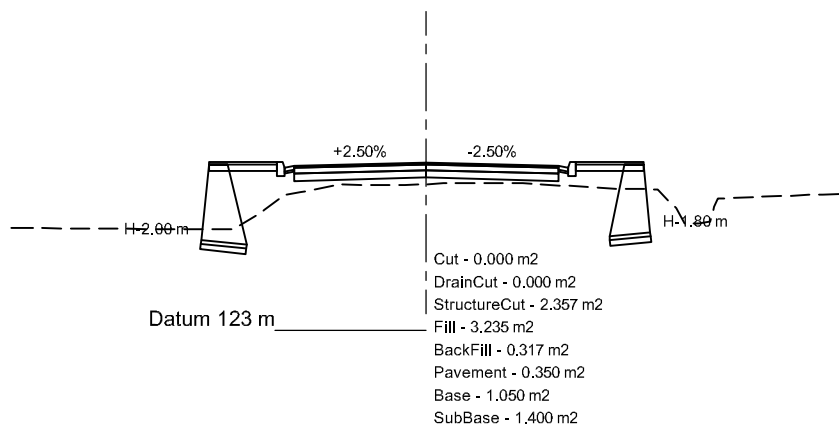
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Ch:2+560

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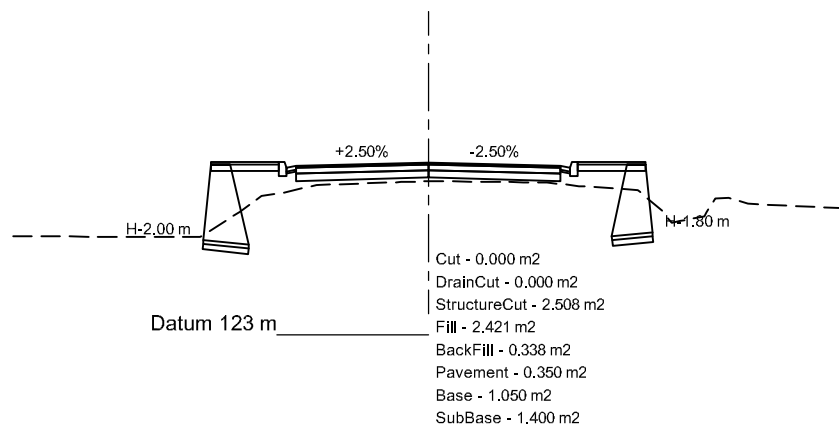
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Ch:2+620

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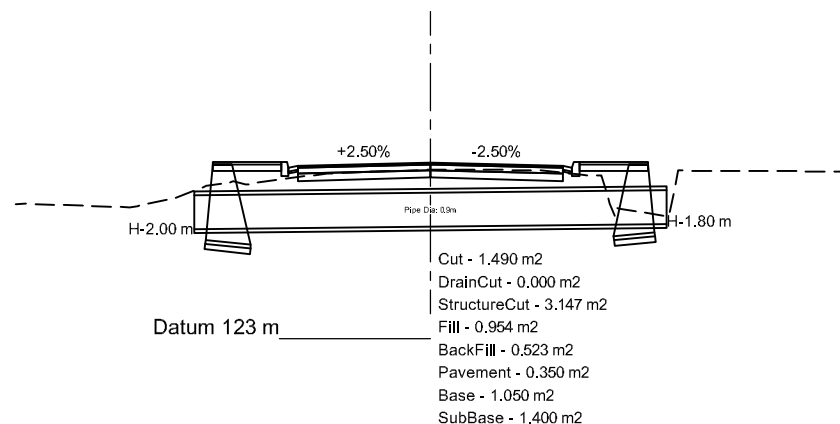
DL:127.552



Ch:2+671

GL:127.480

DL:127.669



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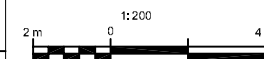
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client

Approved By :

Checked By :

Scale



Cross-Section
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024

DRG NO : SM/RD/CS/16

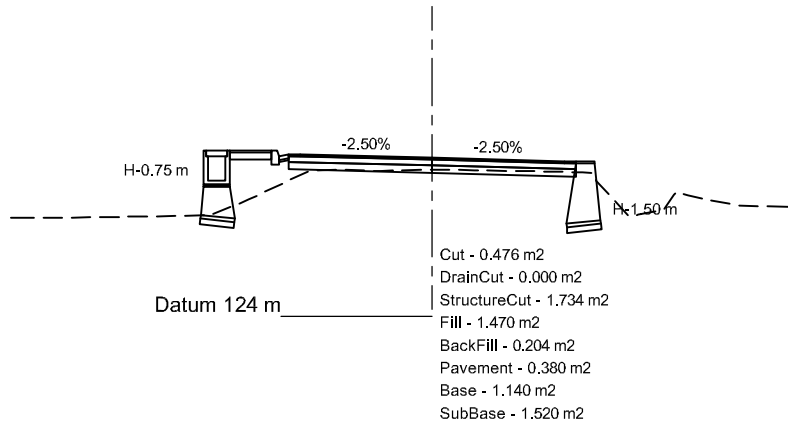
CHAINAGE : 2+560-2+700

SHEET NO : 16

Ch:2+760

GL:127.876

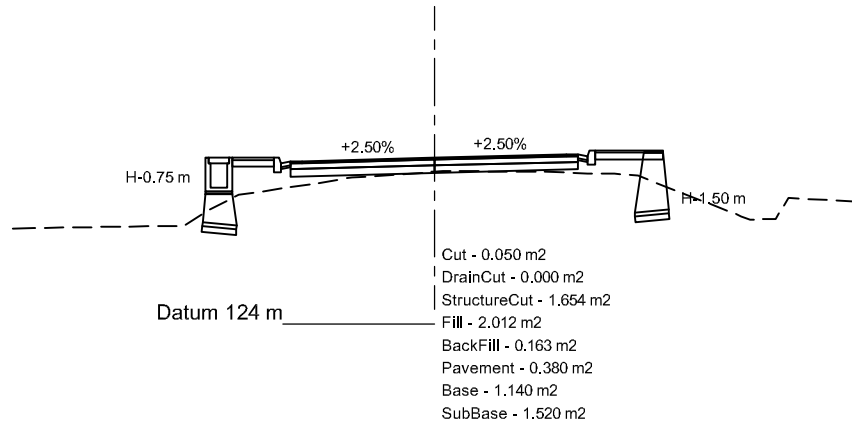
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Ch:2+820

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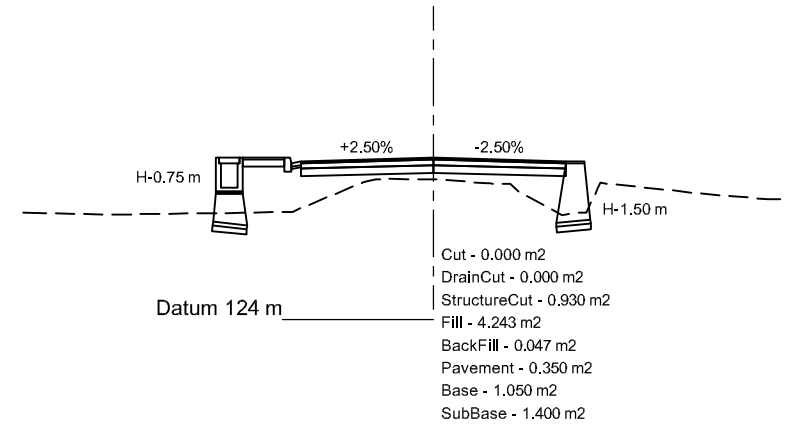
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Ch:2+880

GL:127.713

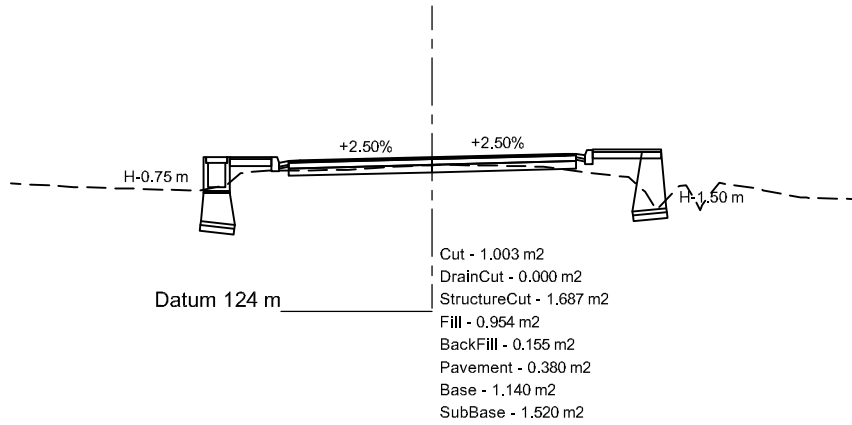
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Ch:2+740

GL:127.862

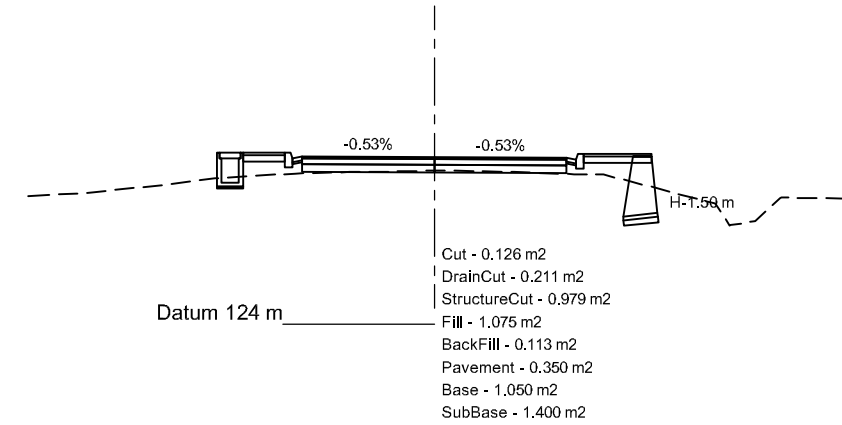
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Ch:2+800

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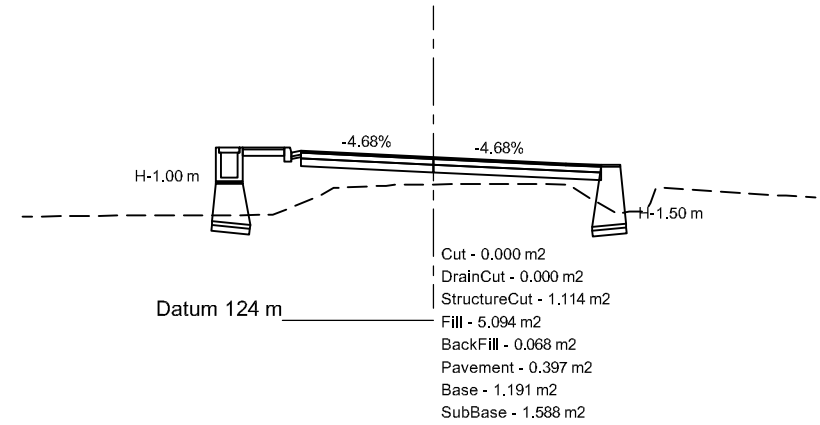
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Ch:2+860

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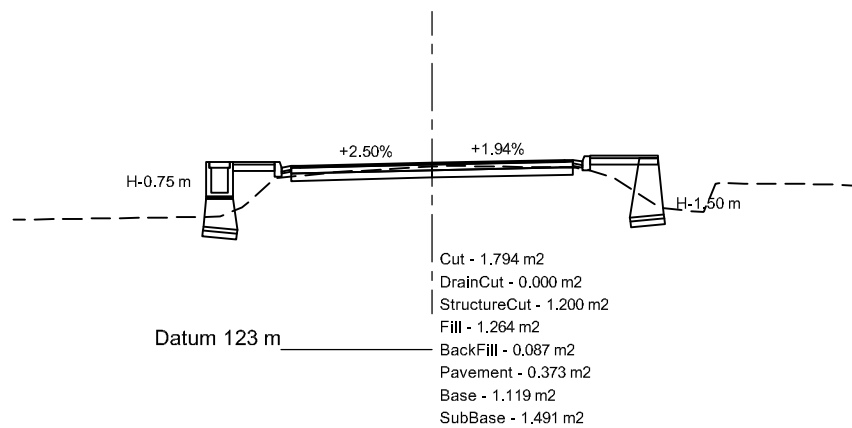
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Ch:2+720

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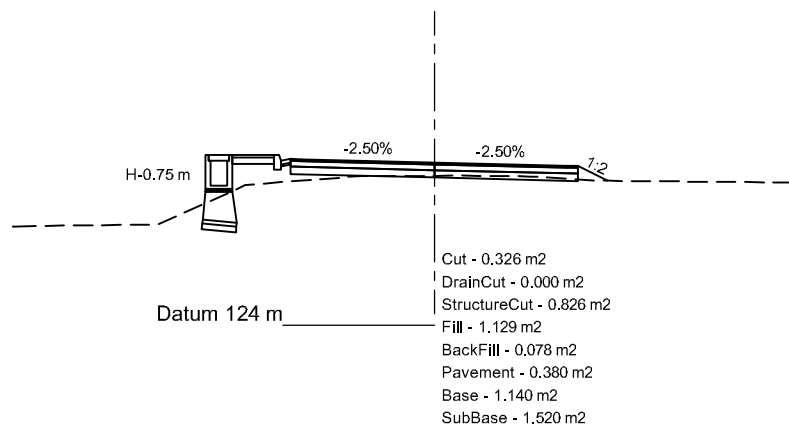
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Ch:2+780

GL:127.957

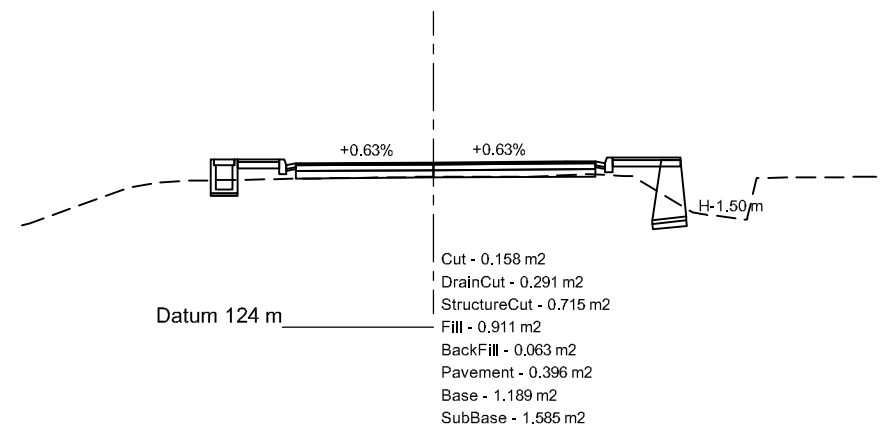
DL:128.310



Ch:2+840

GL:127.988

DL:128.362



Department of Urban Development & Building
Construction (DUDBC)
Regional Urban Development Project (RUDP)
Project Coordination Office
Babarmahal, Kathmandu, Nepal

Reviewed & Designed By :
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in Association with
ERMIC (P.) Ltd., SILT Consultants (P.) Ltd., and
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Mid- Baneshwor, Kathmandu
Tel: 01- 4589393

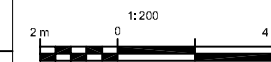
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client

Approved By :

Checked By :

Scale



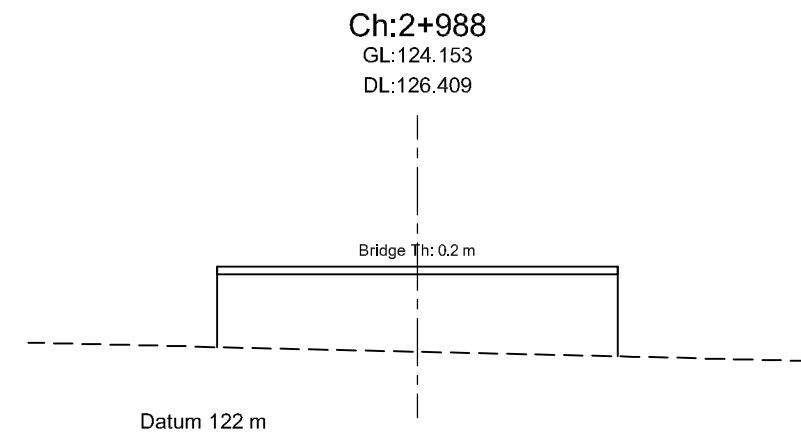
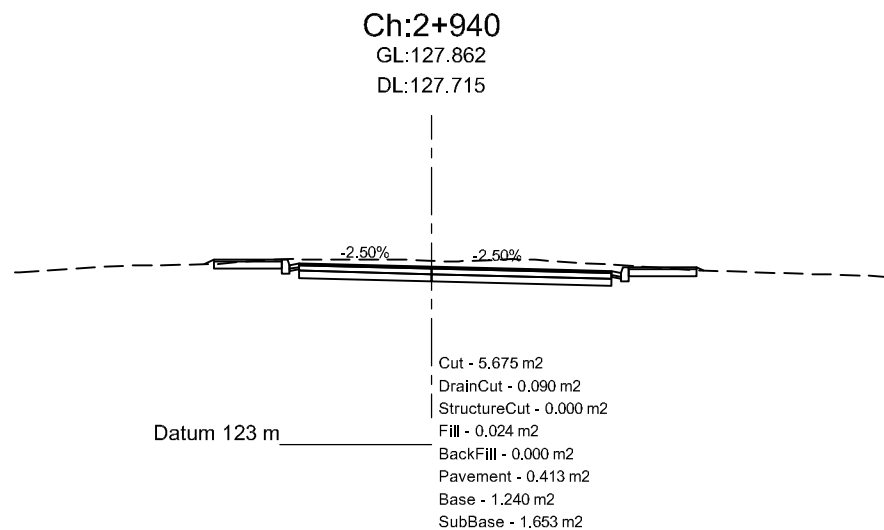
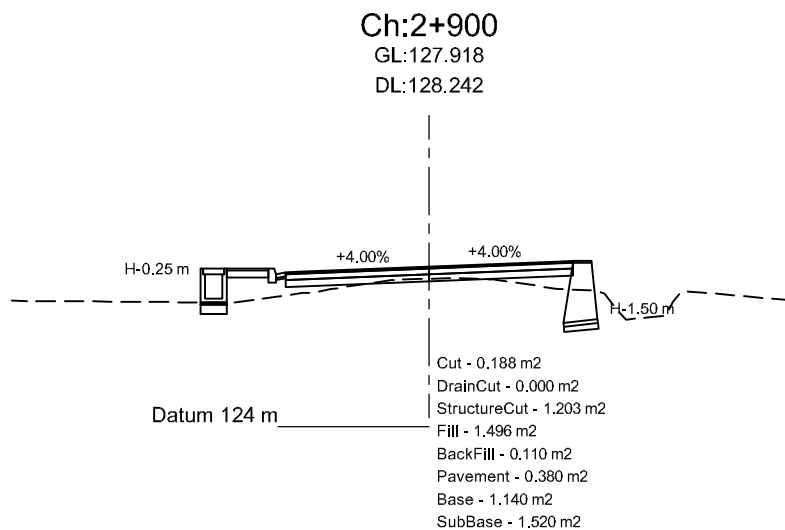
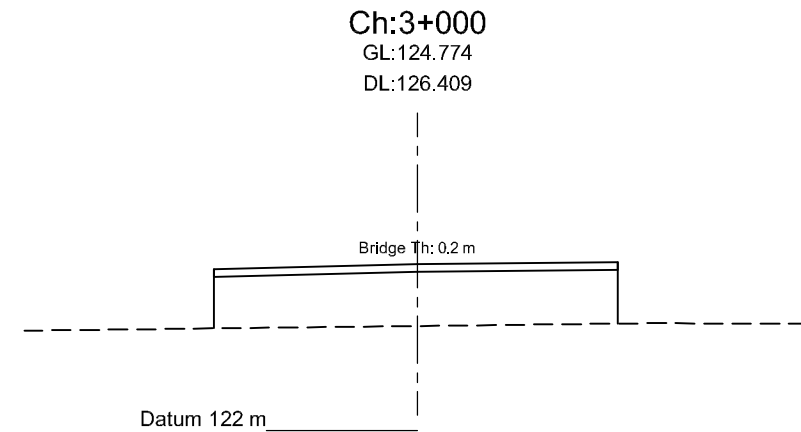
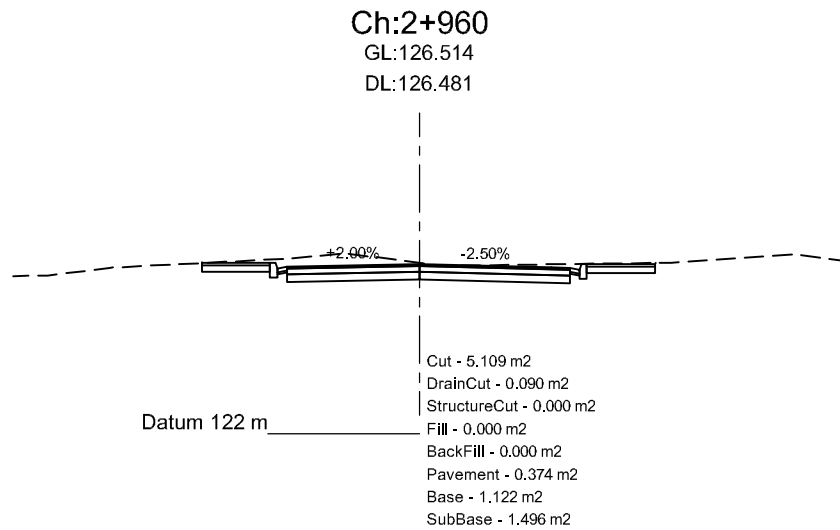
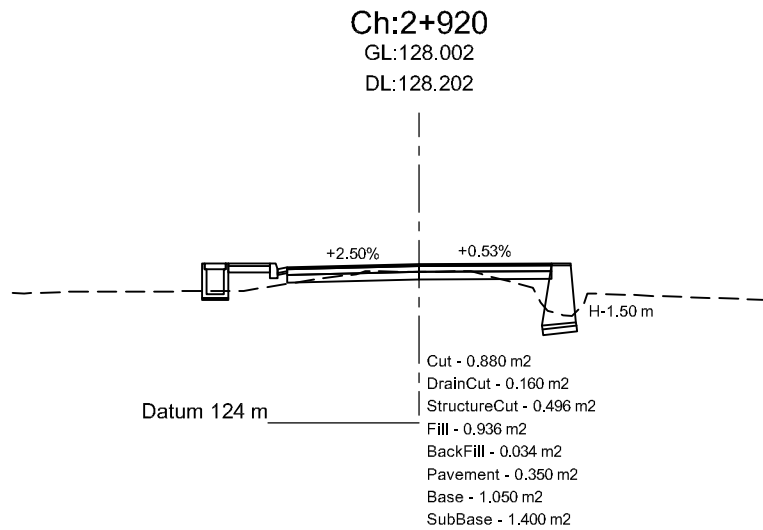
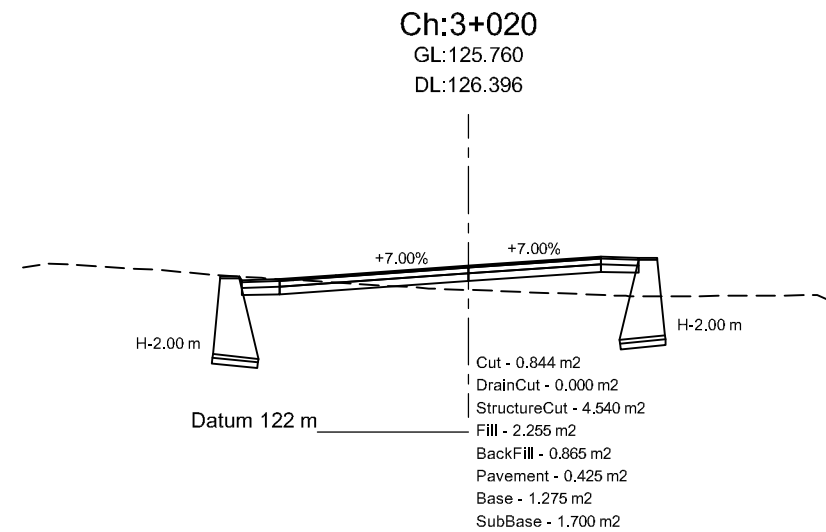
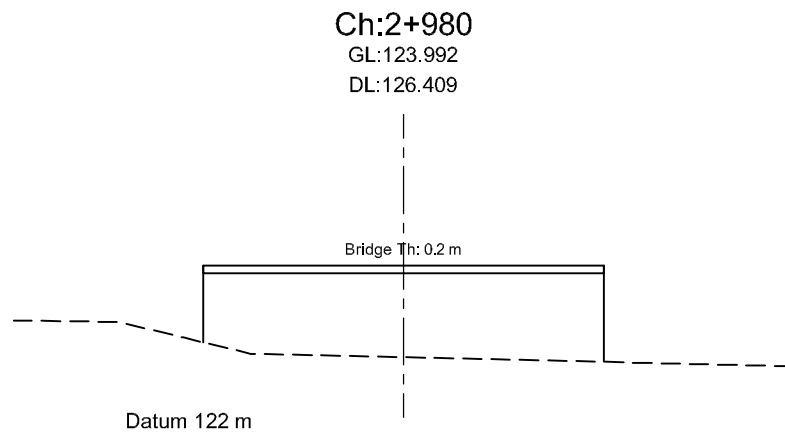
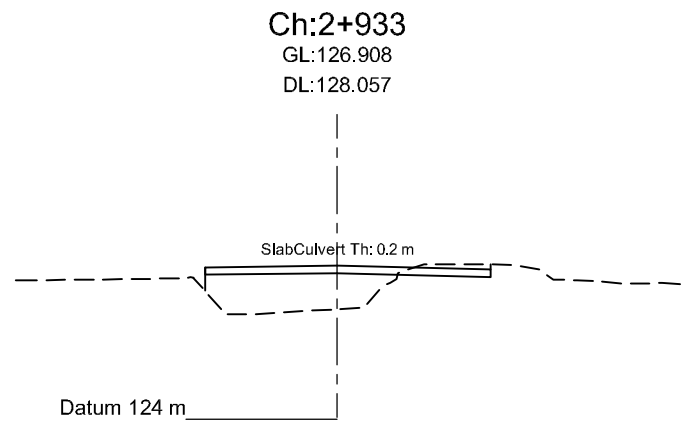
Cross-Section
SAINAMAINA RINGROAD SALJHANDI
DUMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024

DRG NO : SM/RD/CS/17

CHAINAGE : 2+720-2+880

SHEET NO : 17

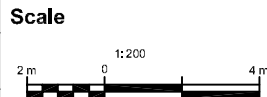


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Tel: 01- 4589393

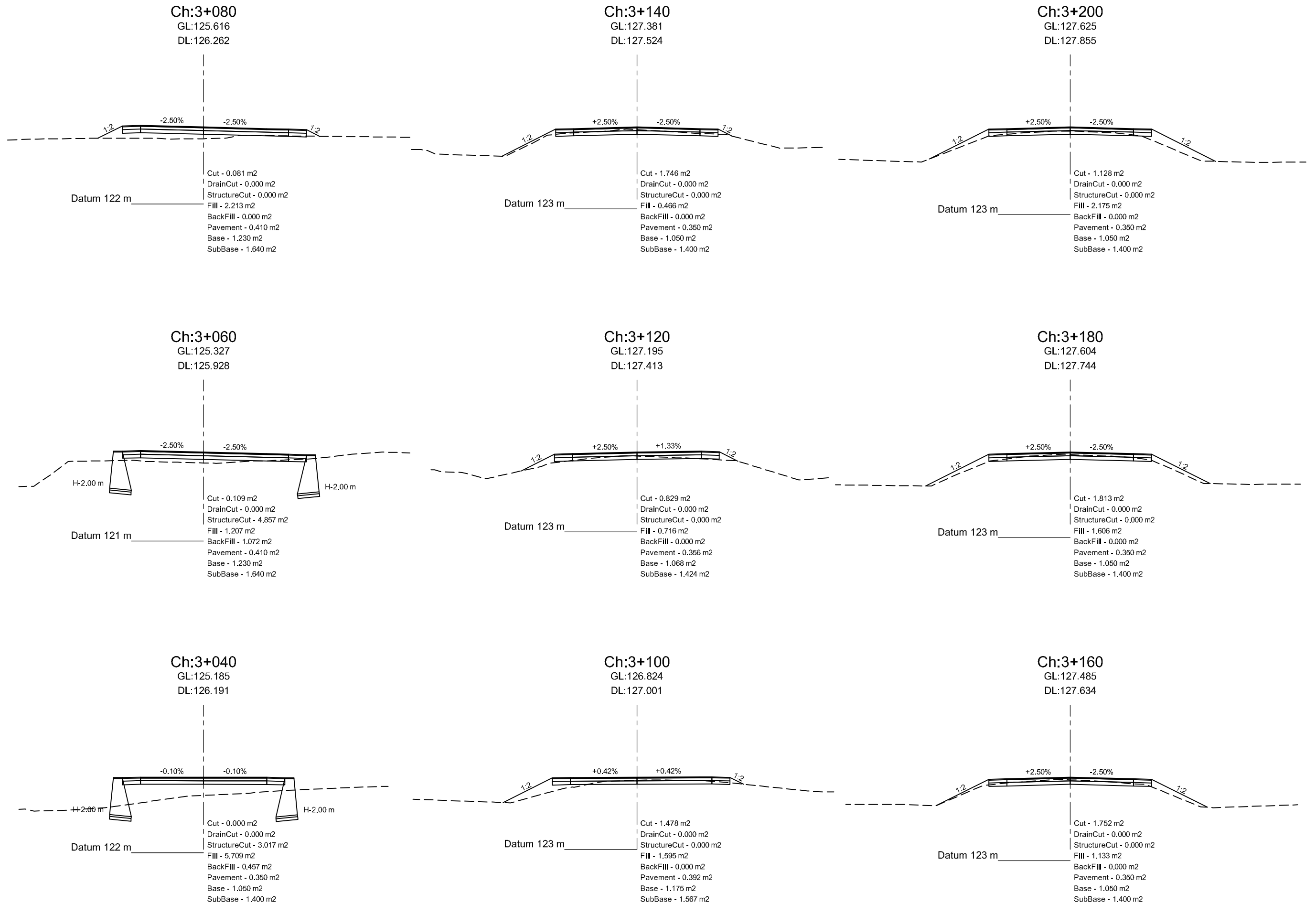
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Cross-Section
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024
DRG NO : SM/RD/CS/18
CHAINAGE : 2+900-3+020
SHEET NO : 18

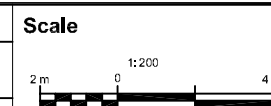


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Tel: 01- 4589393

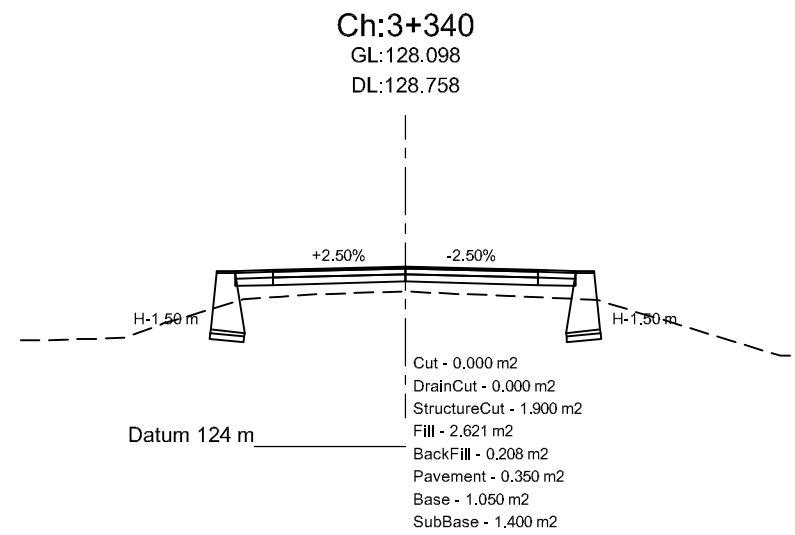
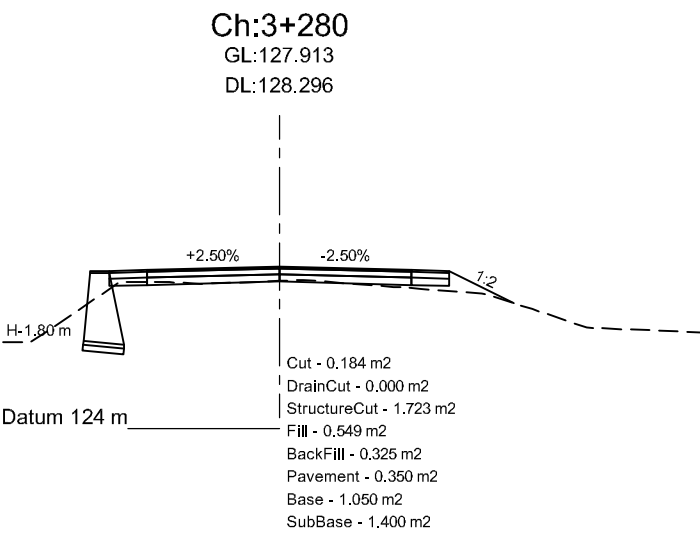
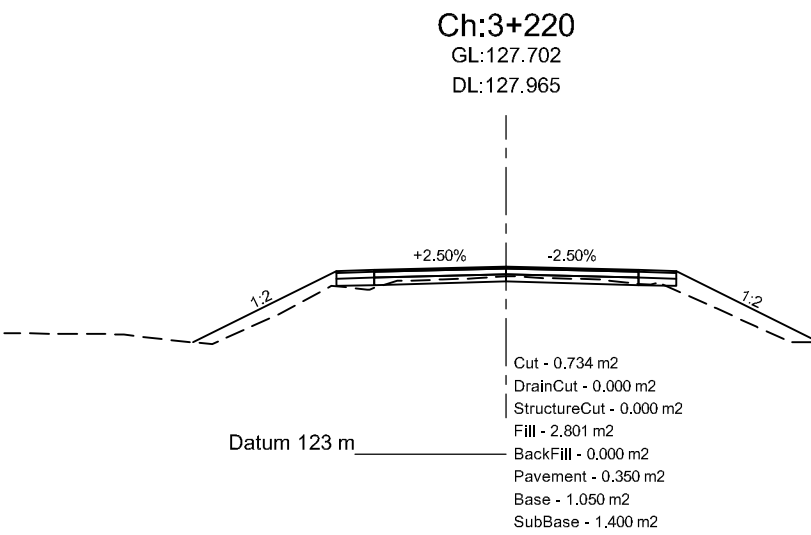
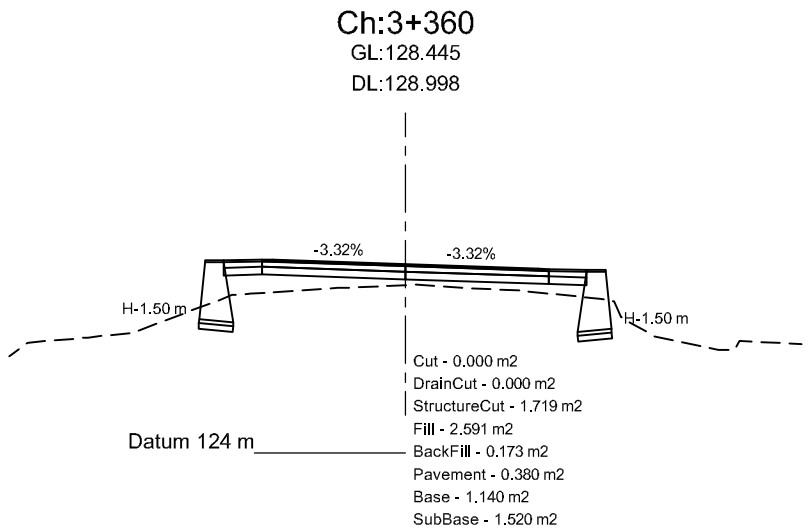
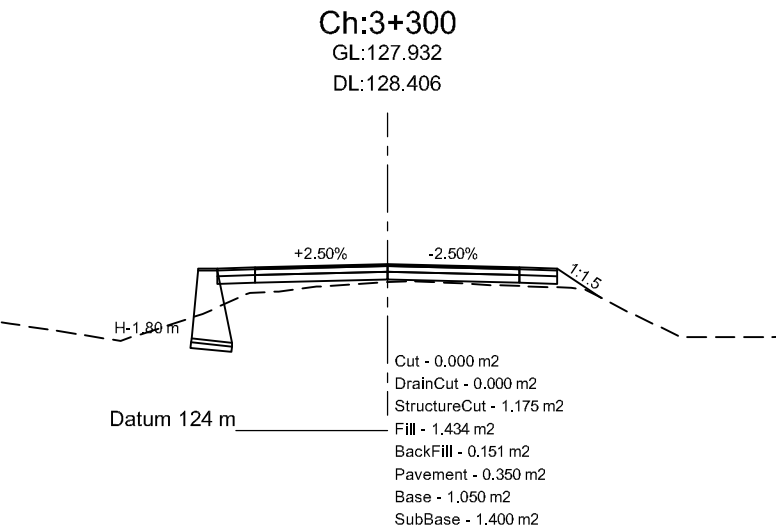
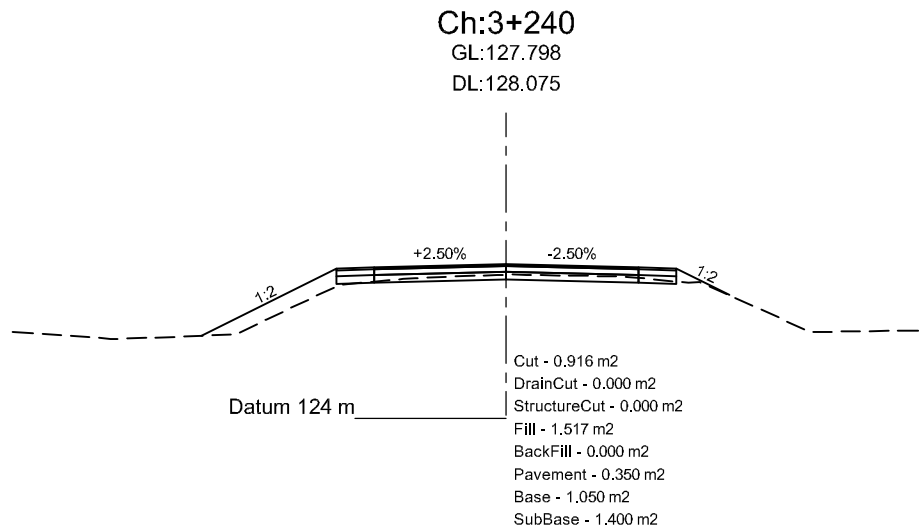
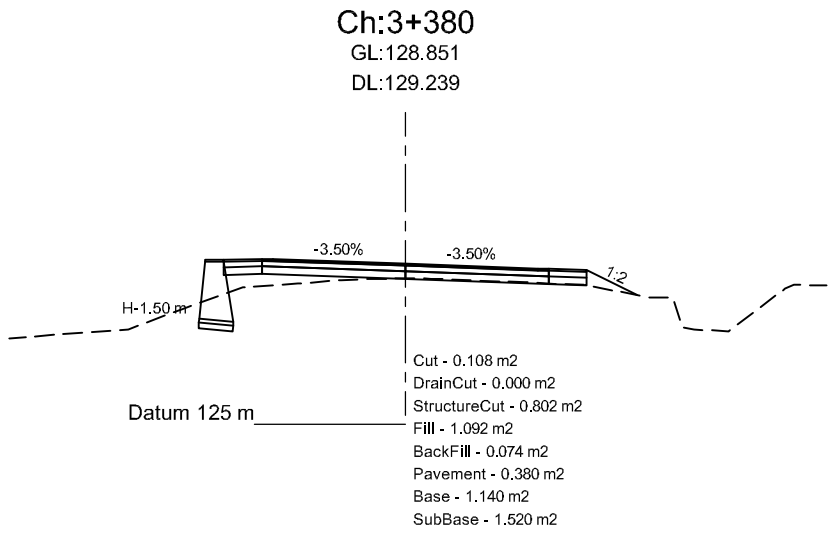
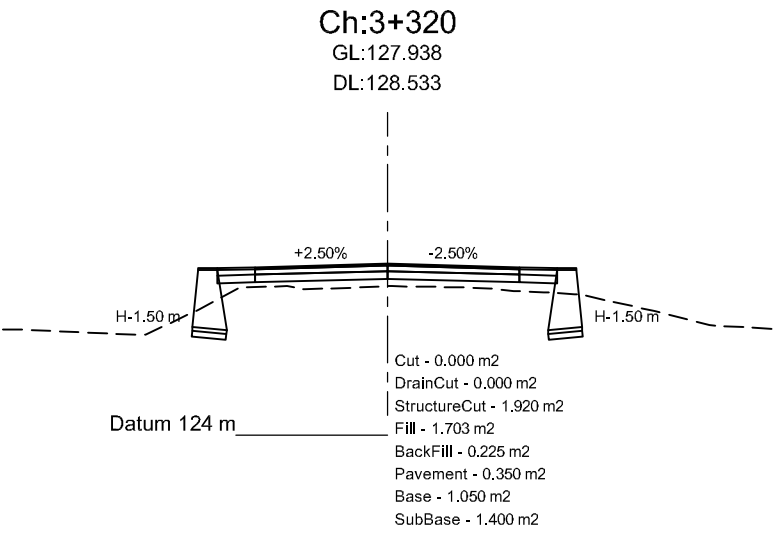
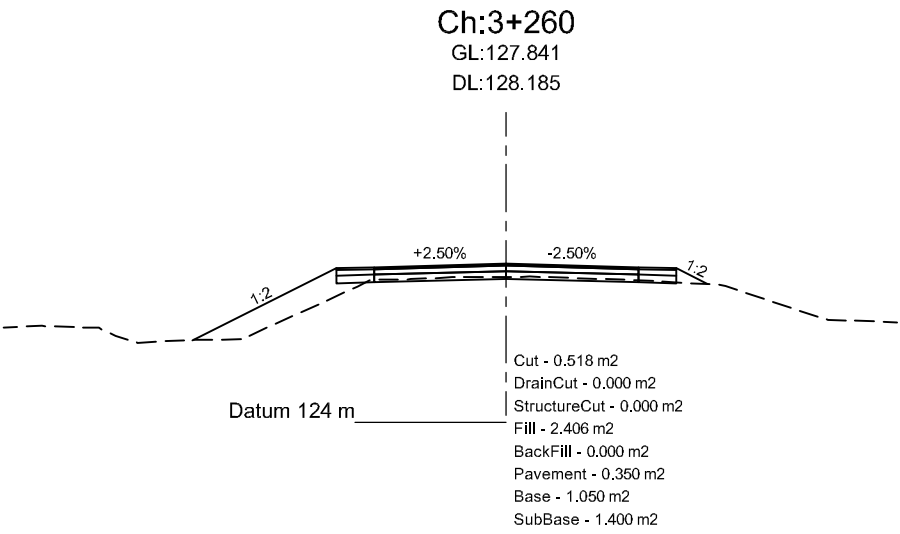
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

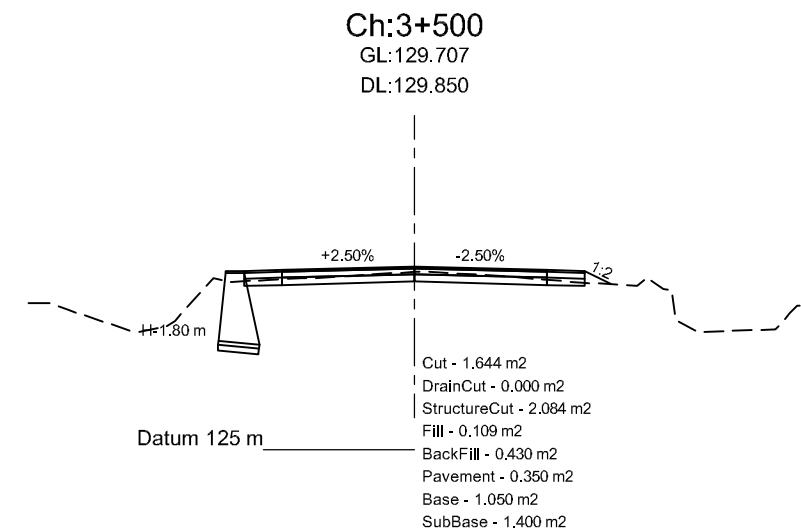
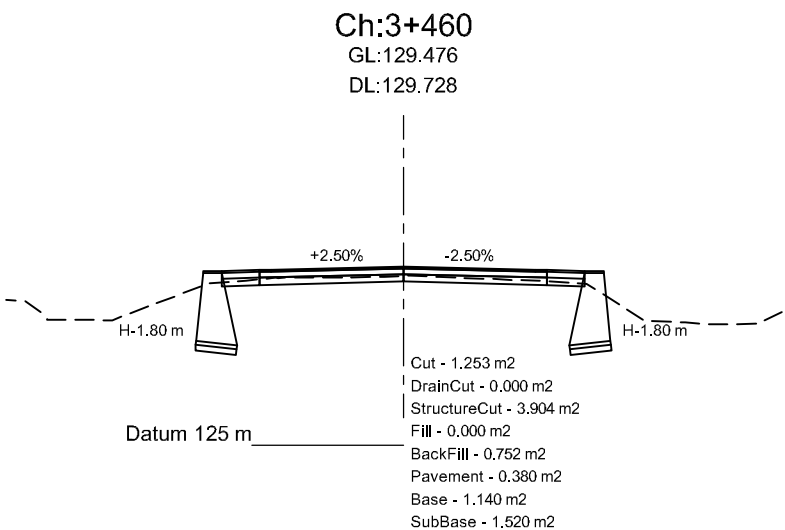
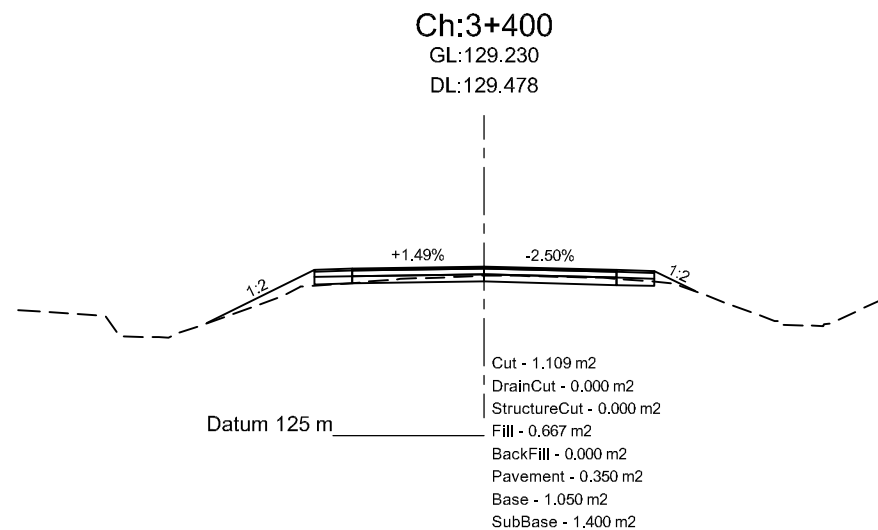
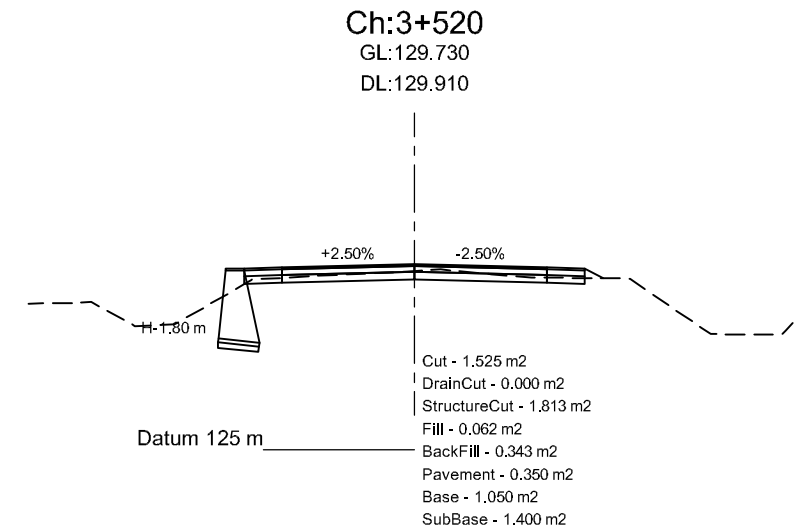
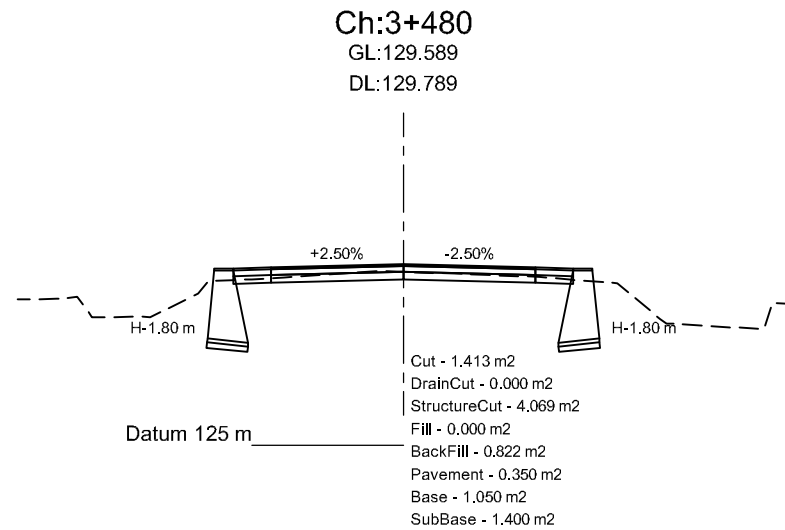
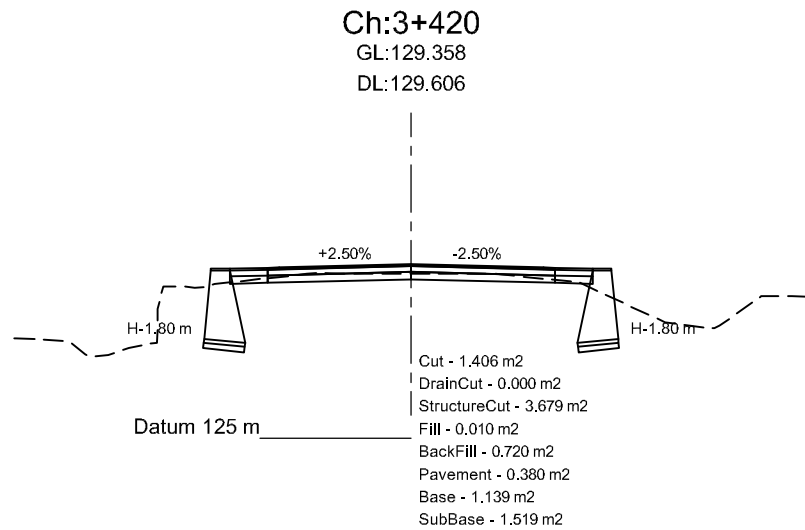
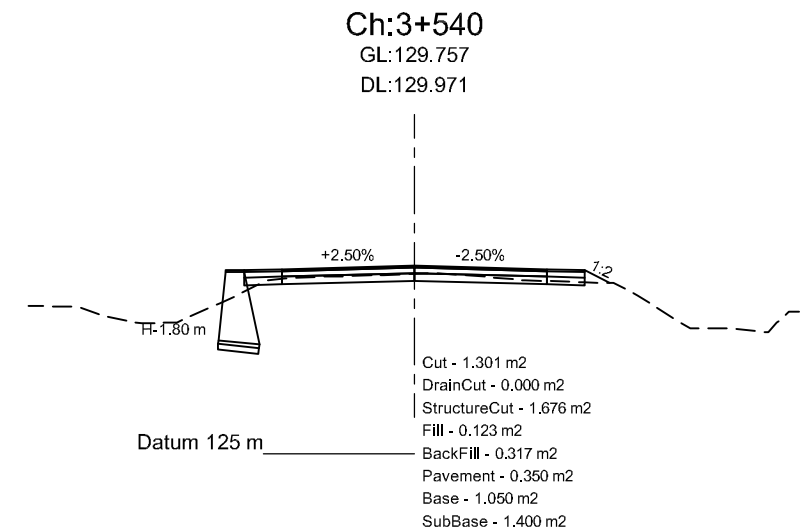
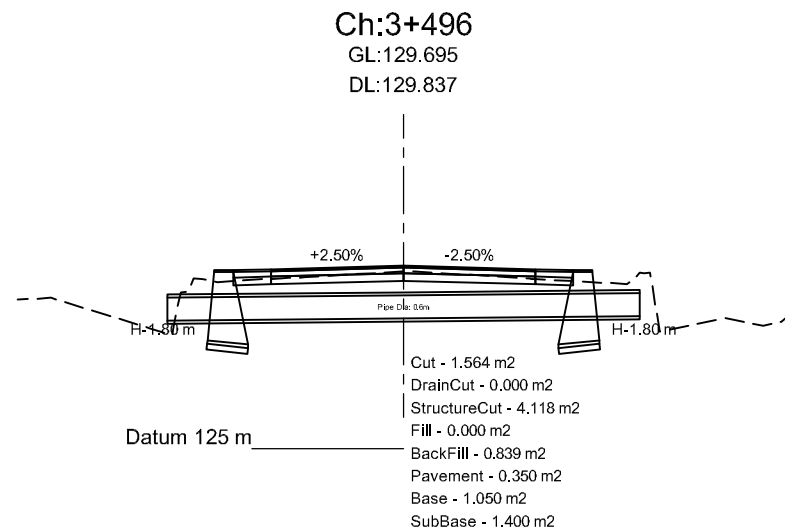
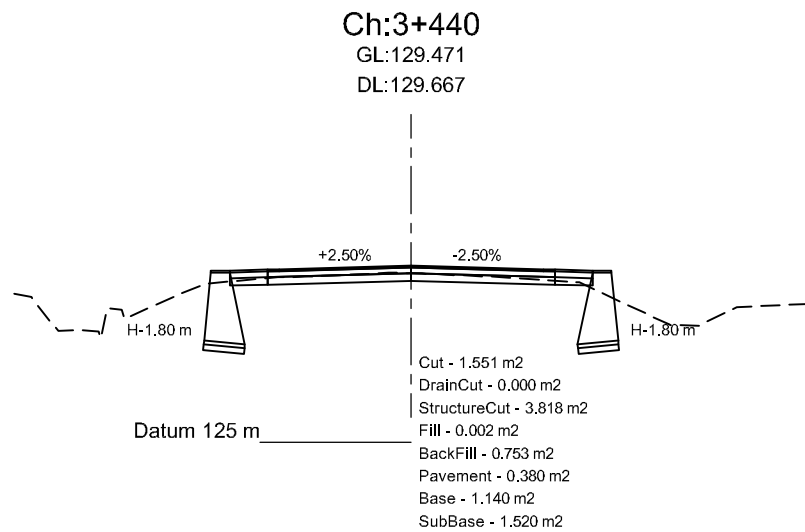
Client
Approved By :
Checked By :



Cross-Section
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024
DRG NO : SM/RD/CS/19
CHAINAGE : 3+040-3+200
SHEET NO : 19



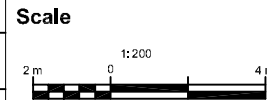


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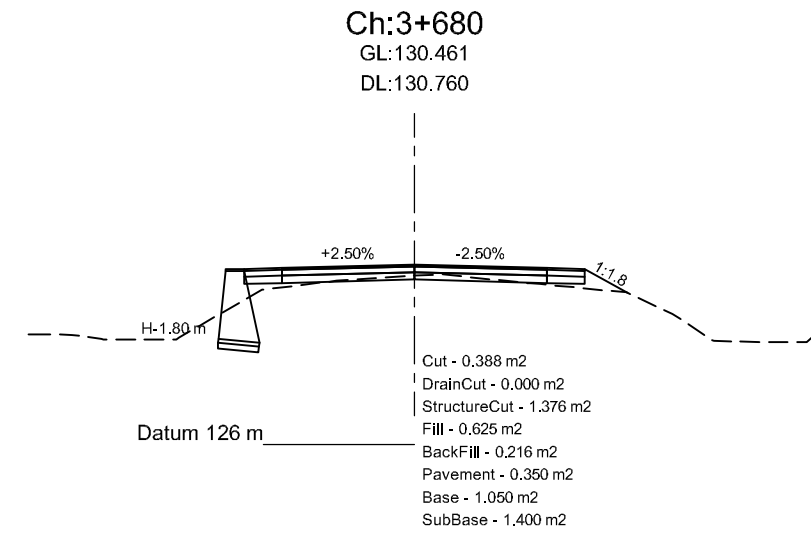
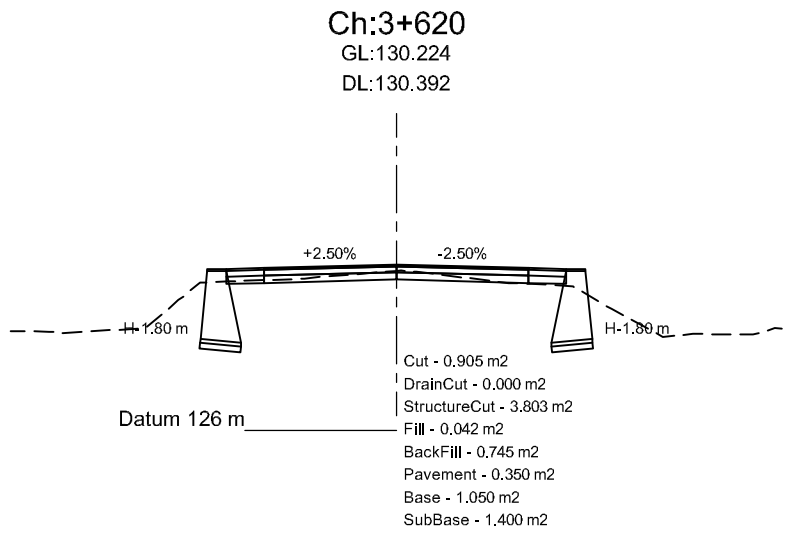
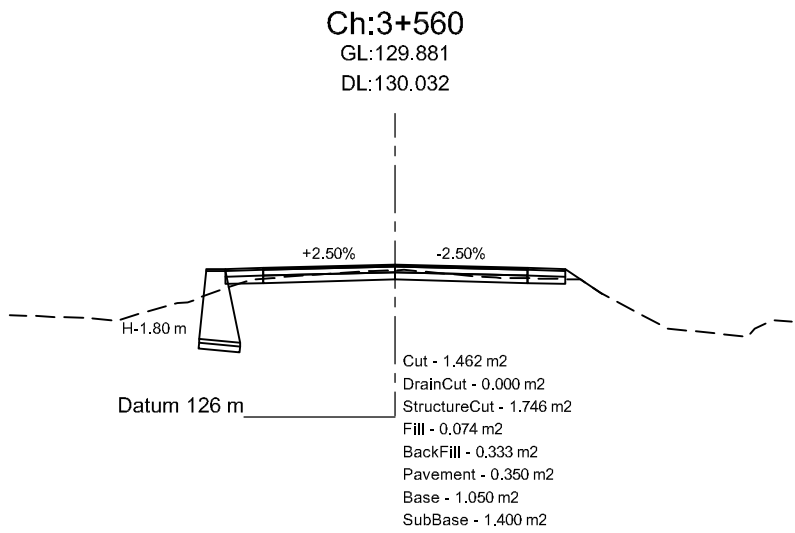
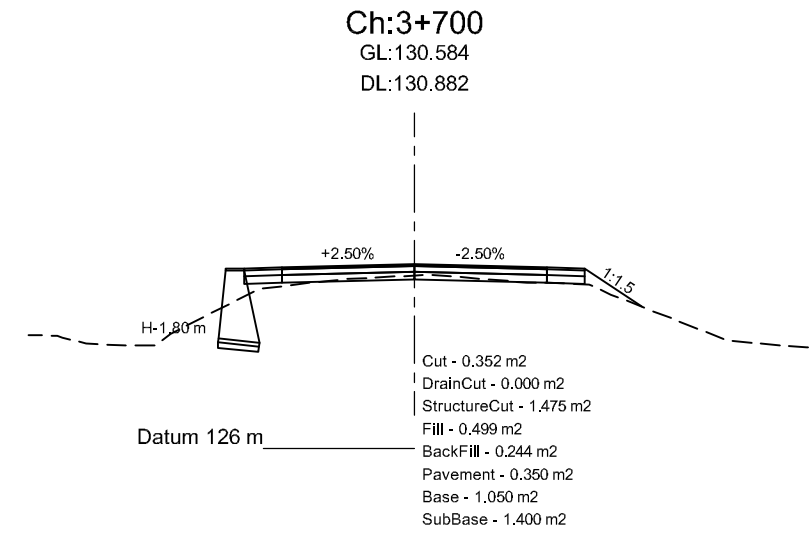
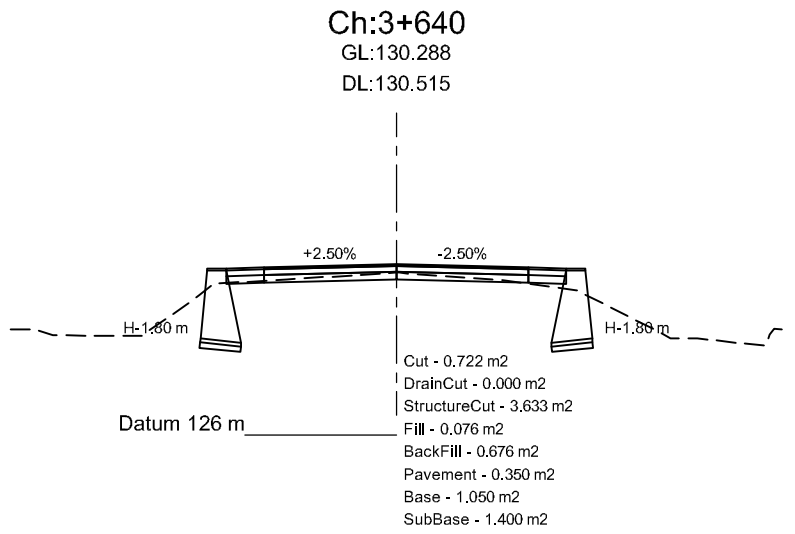
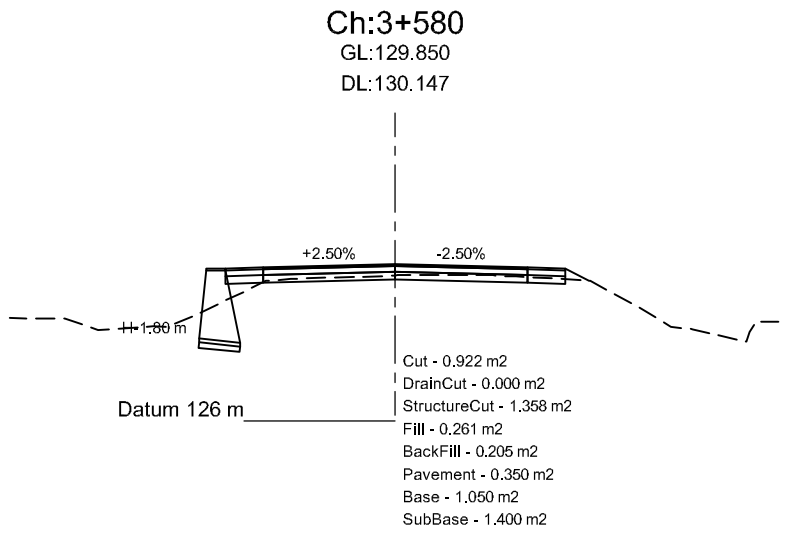
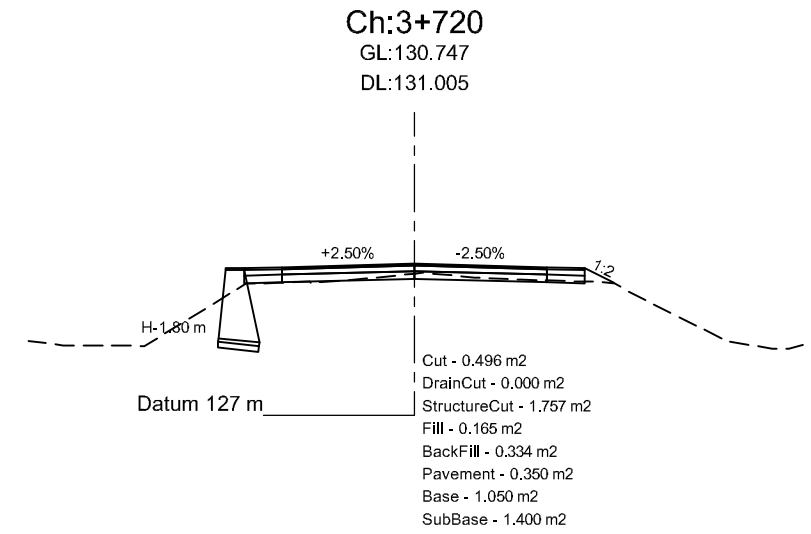
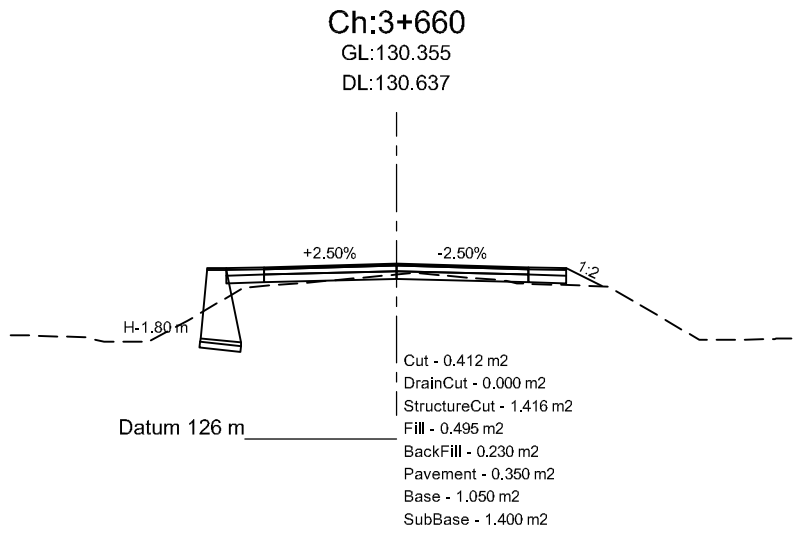
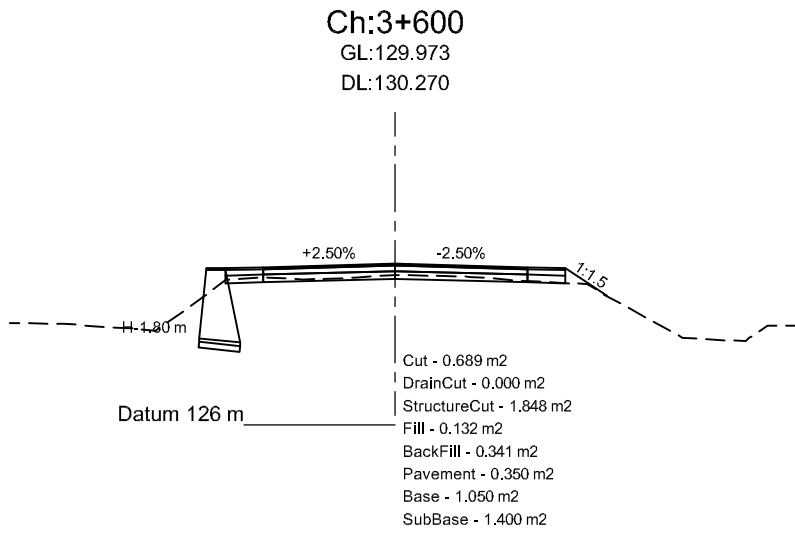
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Cross-Section
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024
DRG NO : SM/RD/CS/21
CHAINAGE : 3+400-3+540
SHEET NO : 21

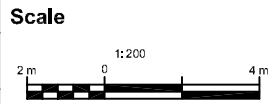


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Tel: 01- 4589393

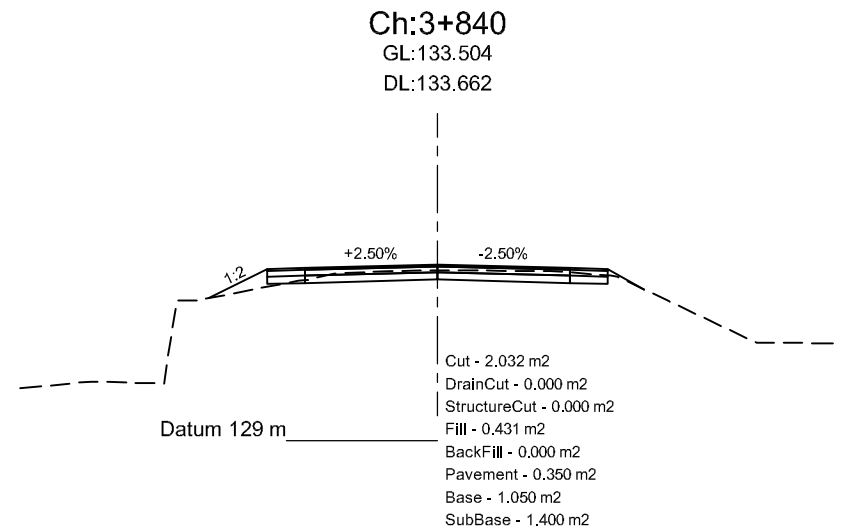
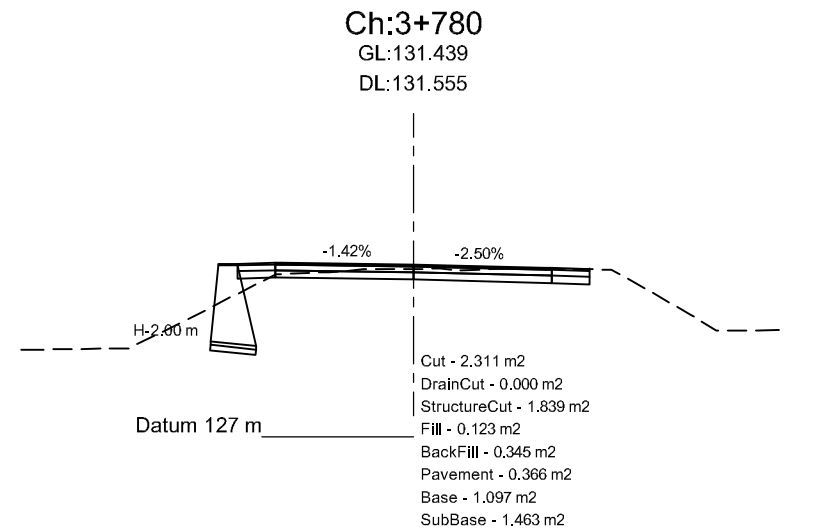
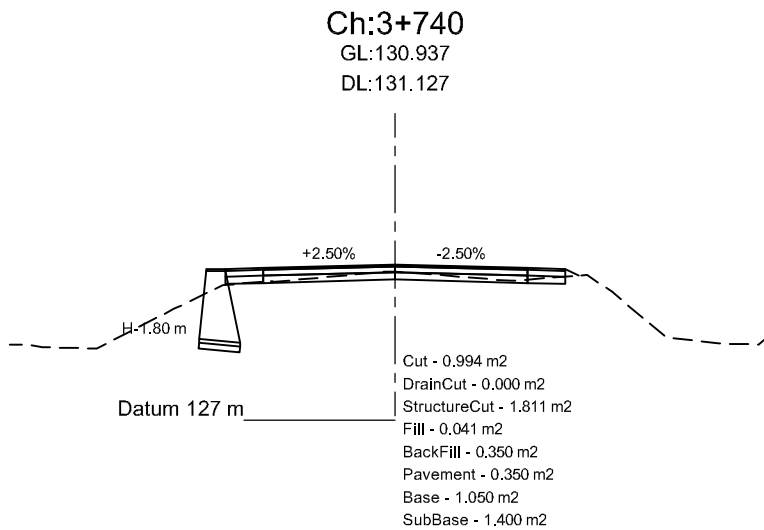
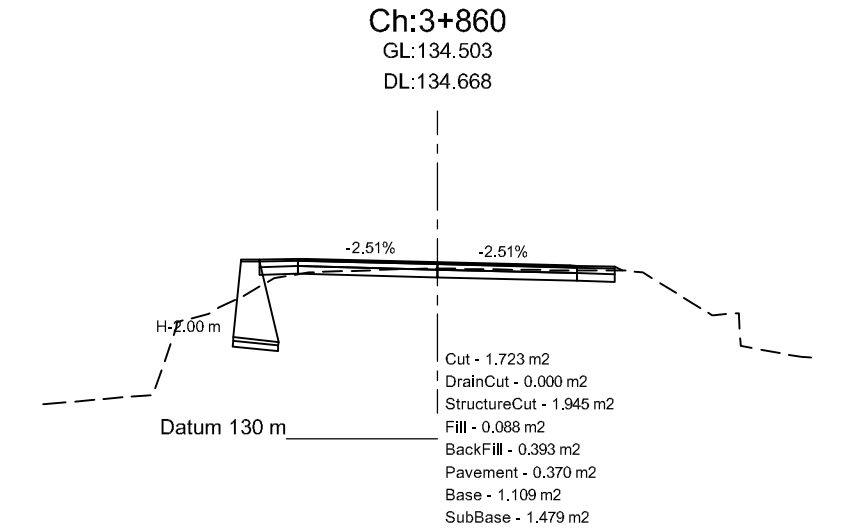
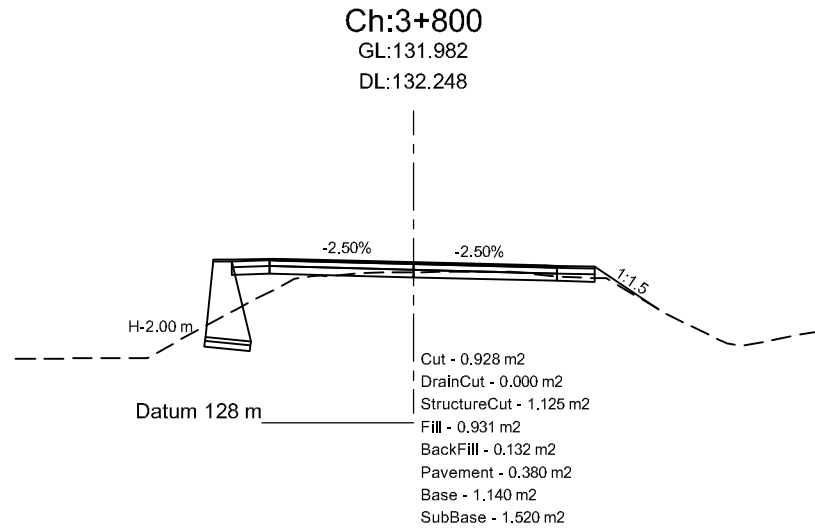
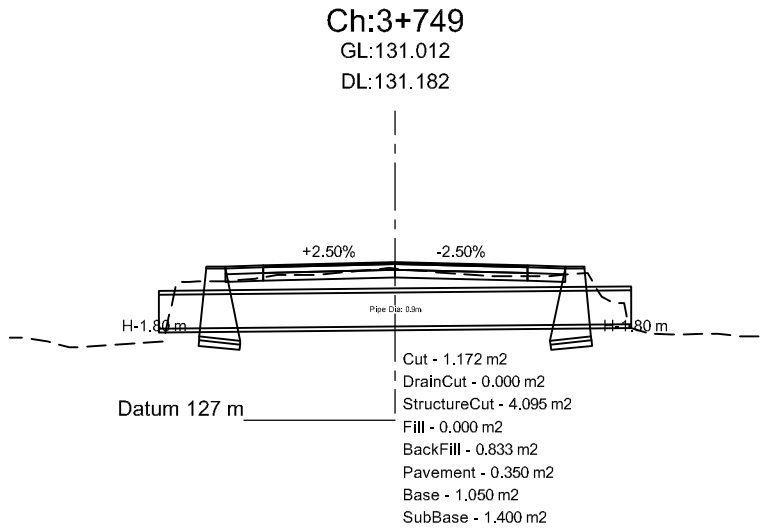
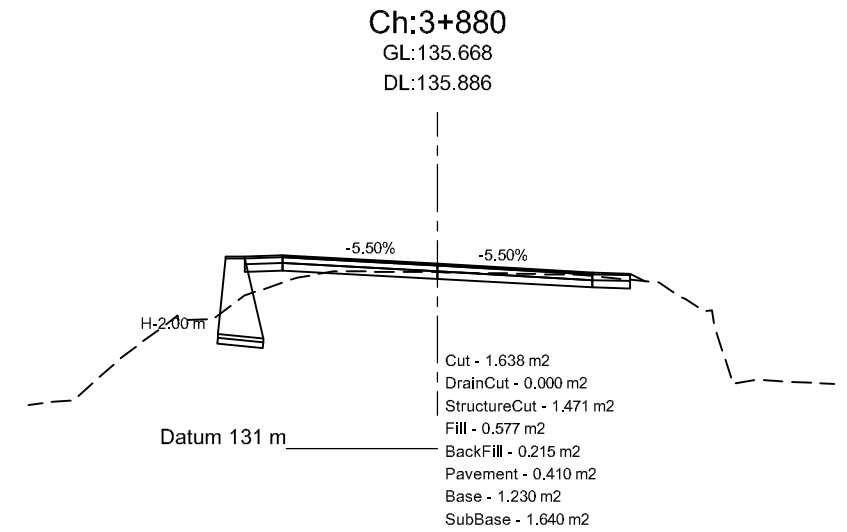
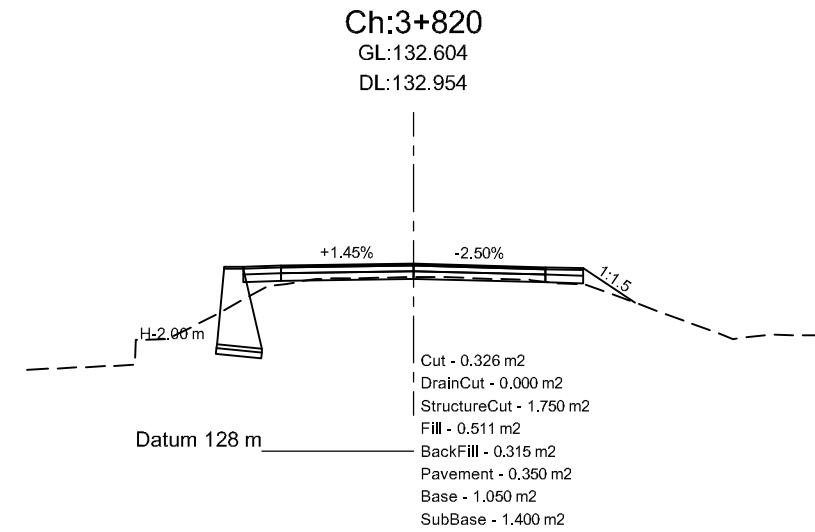
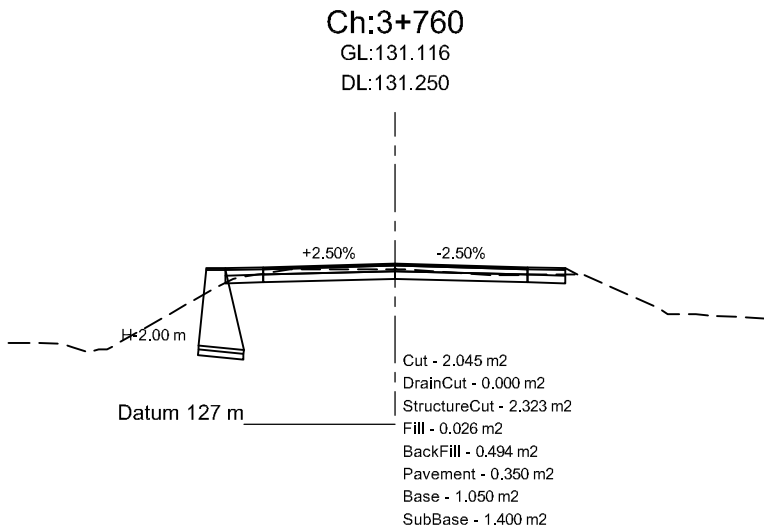
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Cross-Section
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024
DRG NO : SM/RD/CS/22
CHAINAGE : 3+560-3+720
SHEET NO : 22

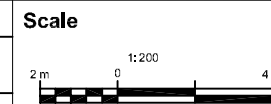


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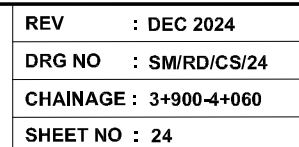
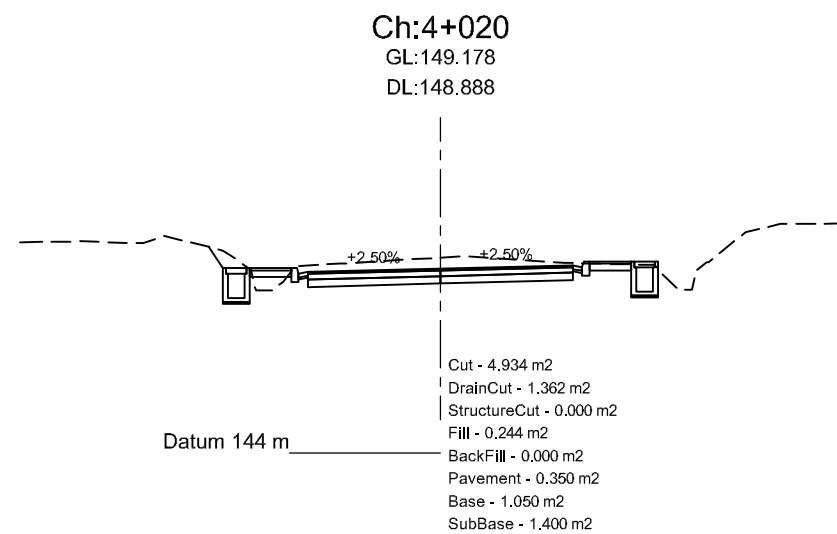
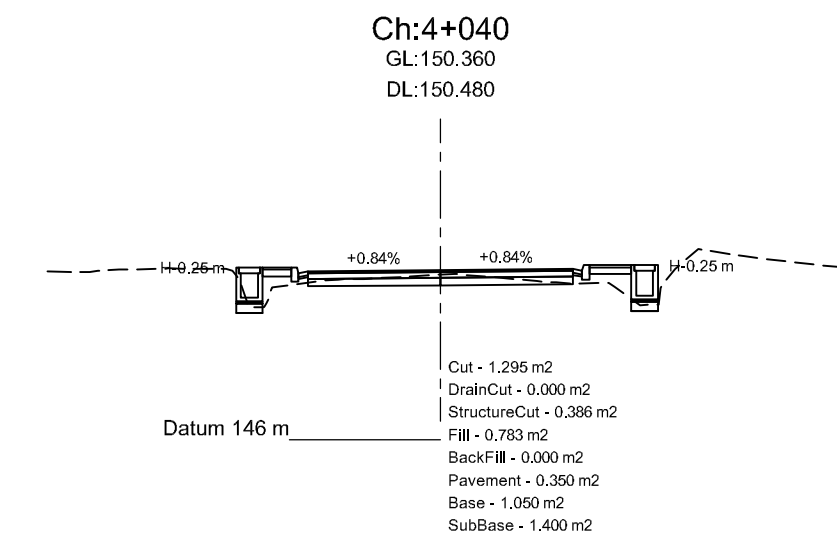
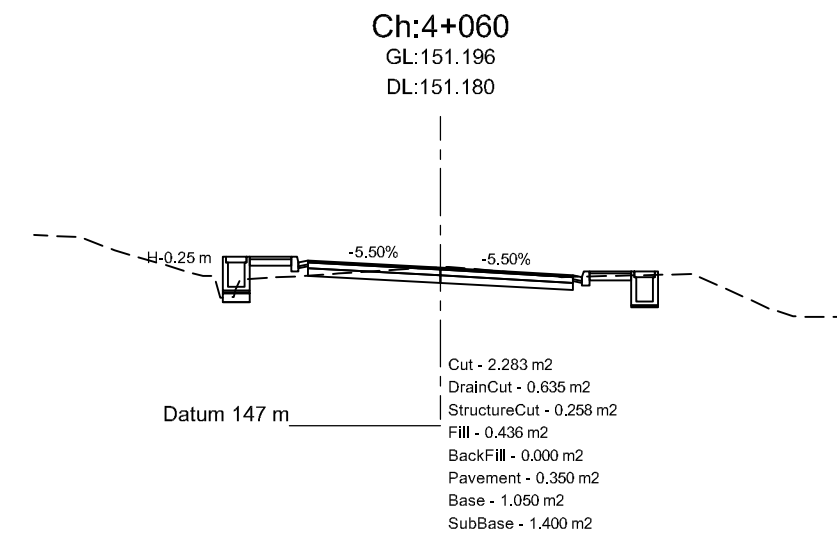
Consultant
Team Leader : YOO CHANGMIN
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Designed By : MANJU MUNANKARMI

Client
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Cross-Section
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

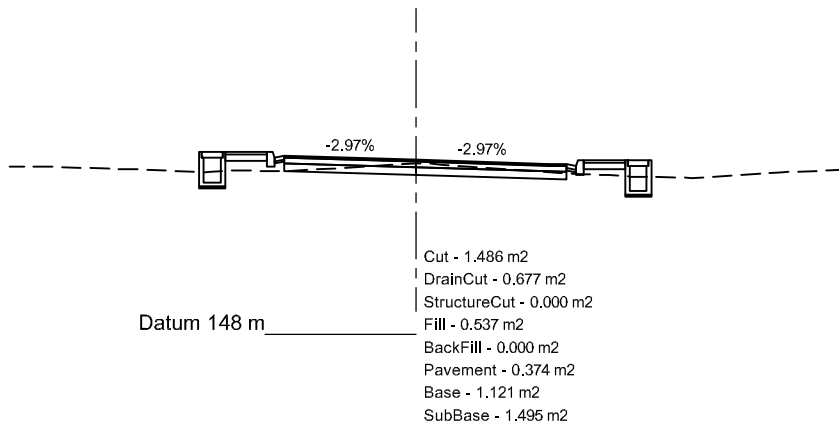
REV : DEC 2024
DRG NO : SM/RD/CS/23
CHAINAGE : 3+740-3+880
SHEET NO : 23



Ch:4+120

GL:152.517

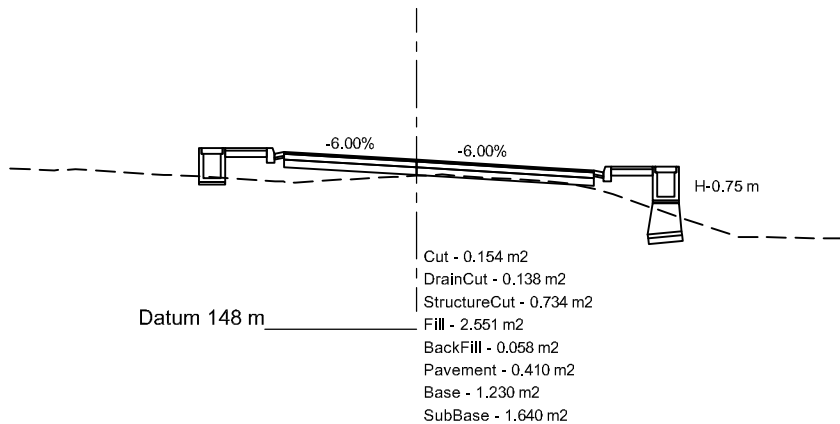
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Ch:4+180

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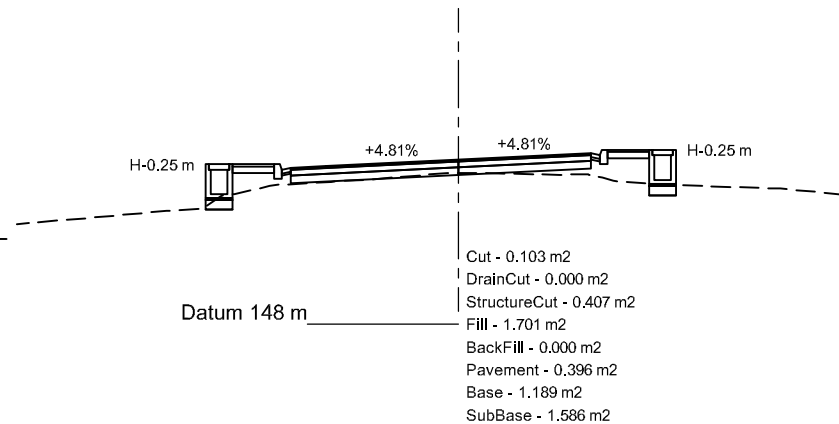
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Ch:4+240

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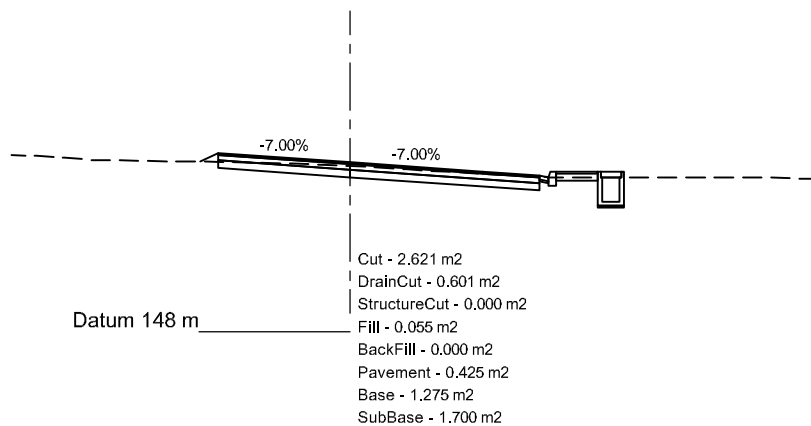
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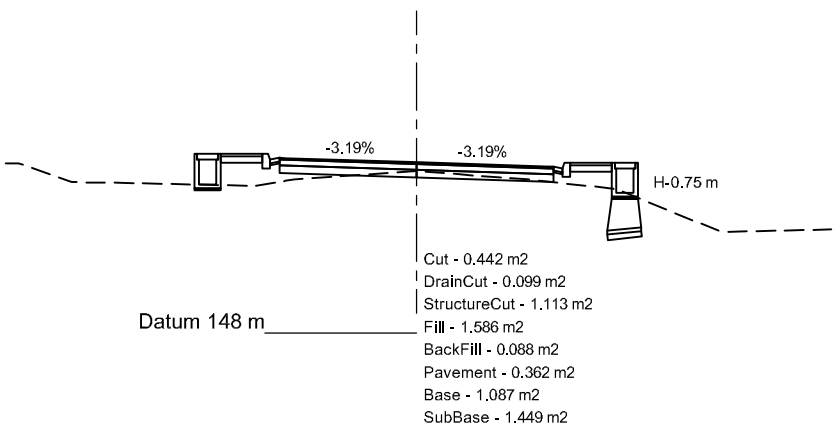
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Ch:4+160

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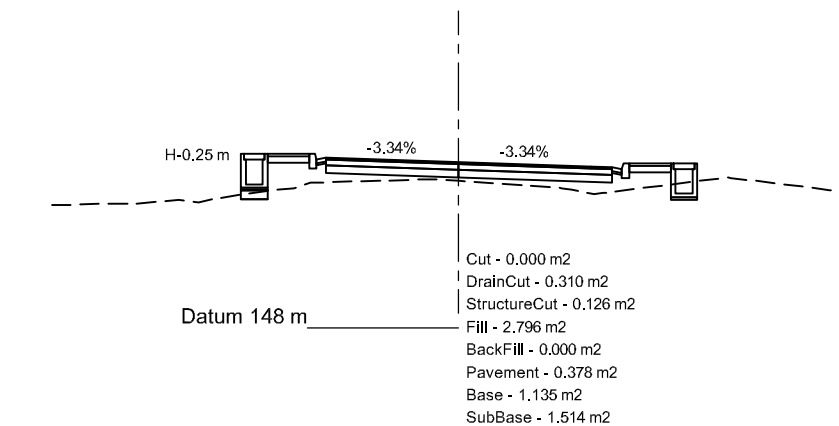
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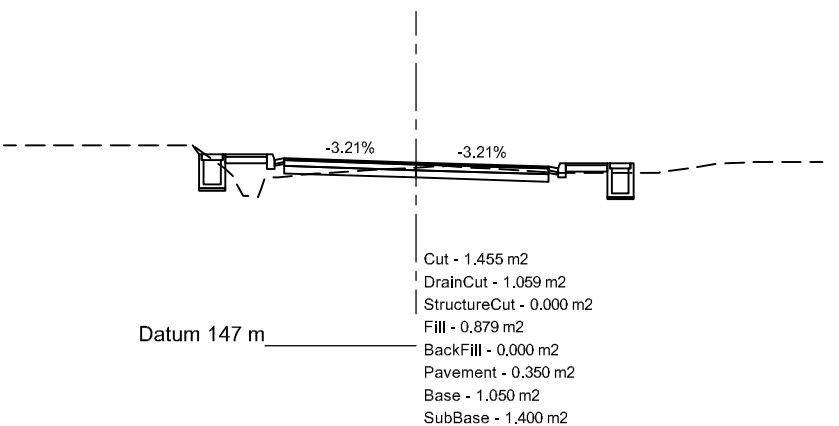
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Ch:4+080

GL:151.710

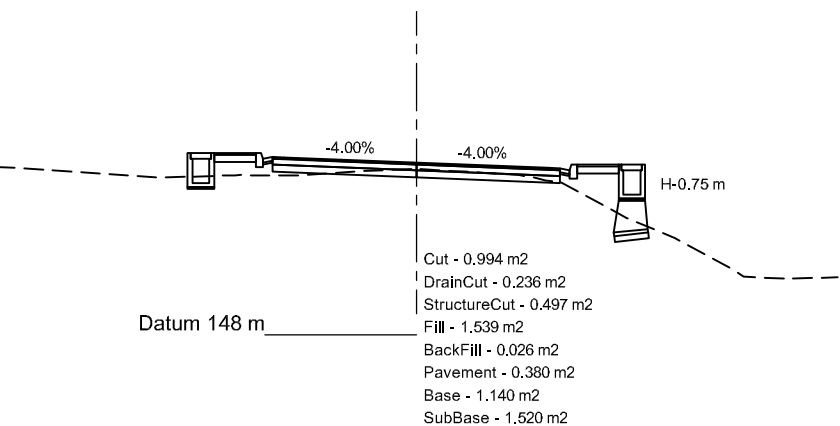
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Ch:4+140

GL:152.398

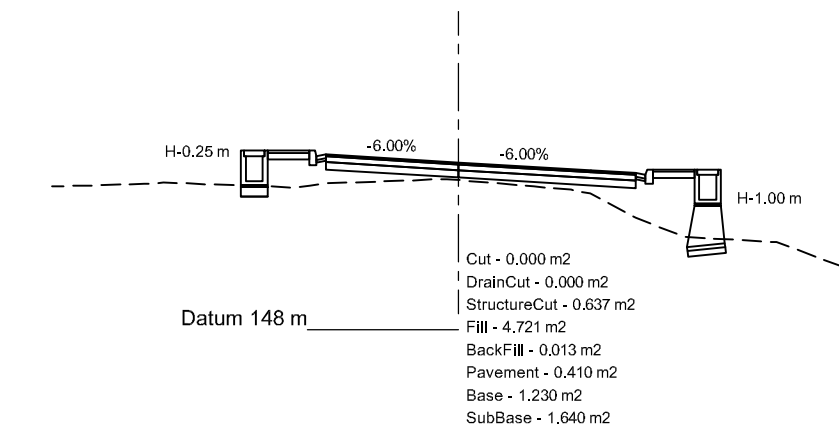
DL:152.567



Ch:4+200

GL:151.968

DL:152.431



Department of Urban Development & Building
Construction (DUDBC)
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in Association with
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Mid- Baneshwor, Kathmandu
Tel: 01- 4589393

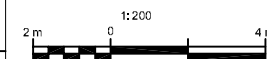
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client

Approved By :

Checked By :

Scale



Cross-Section
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024

DRG NO : SM/RD/CS/25

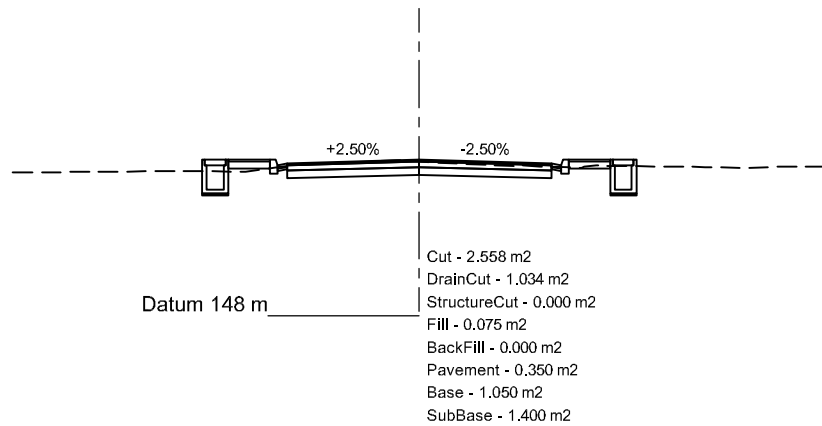
CHAINAGE : 4+080-4+240

SHEET NO : 25

Ch:4+300

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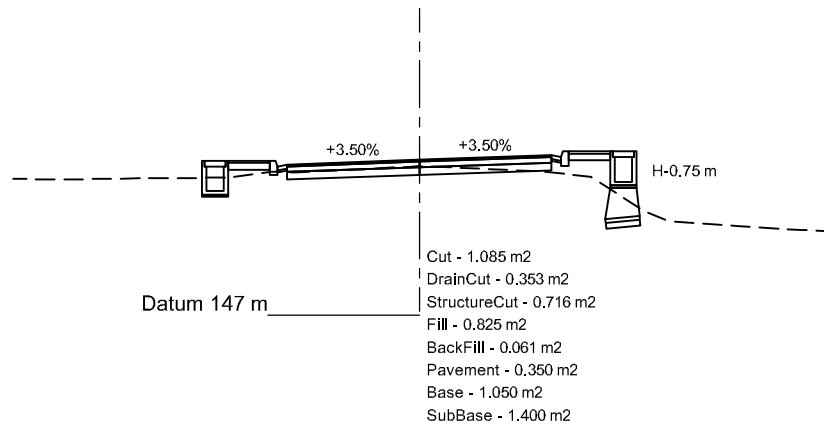
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Ch:4+360

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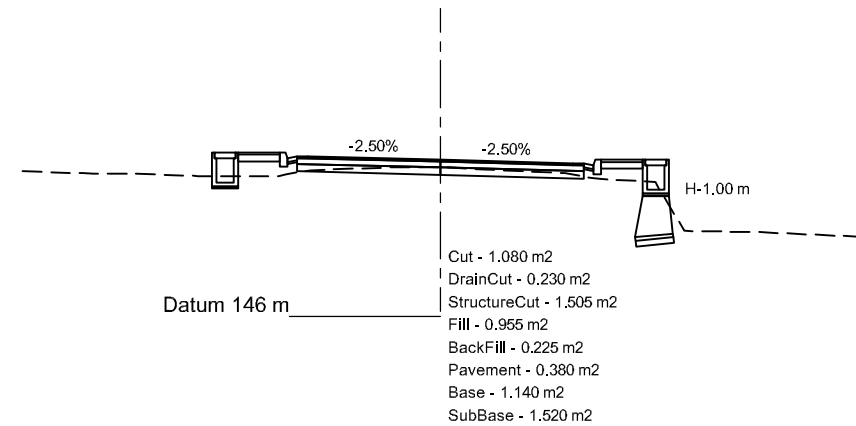
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Ch:4+420

GL:149.944

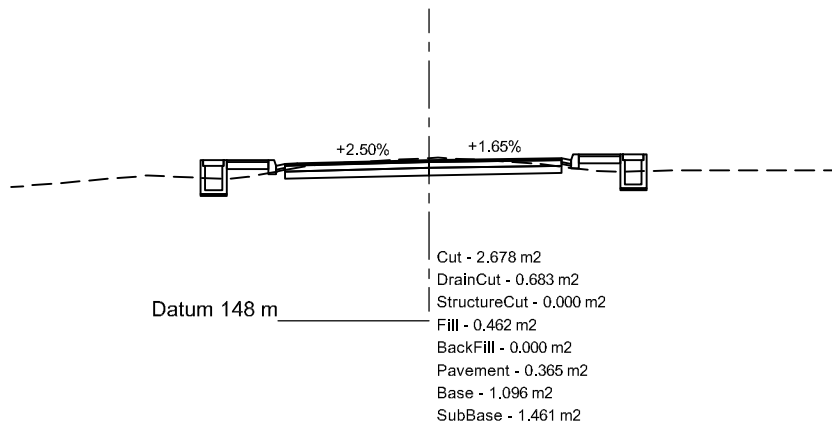
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Ch:4+280

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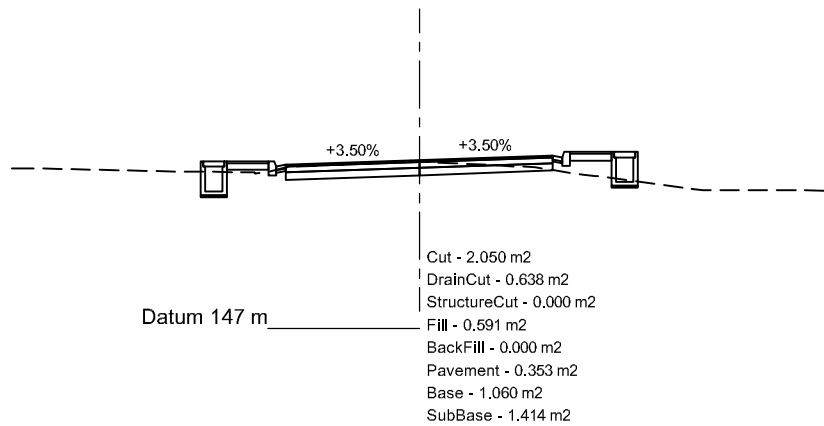
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Ch:4+340

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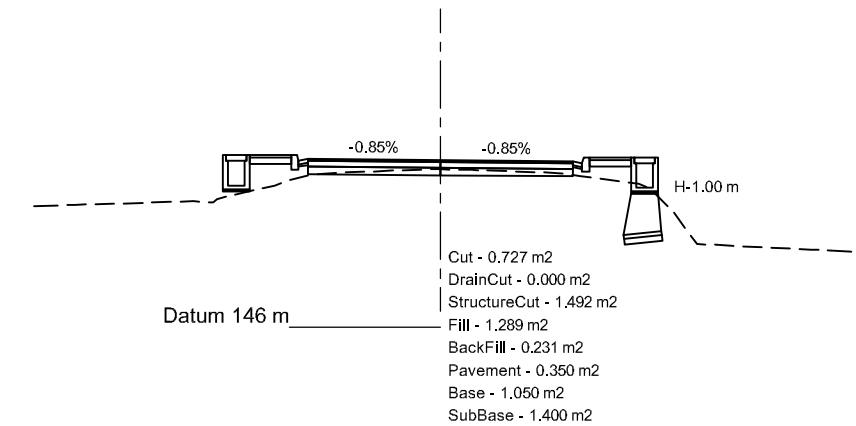
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Ch:4+400

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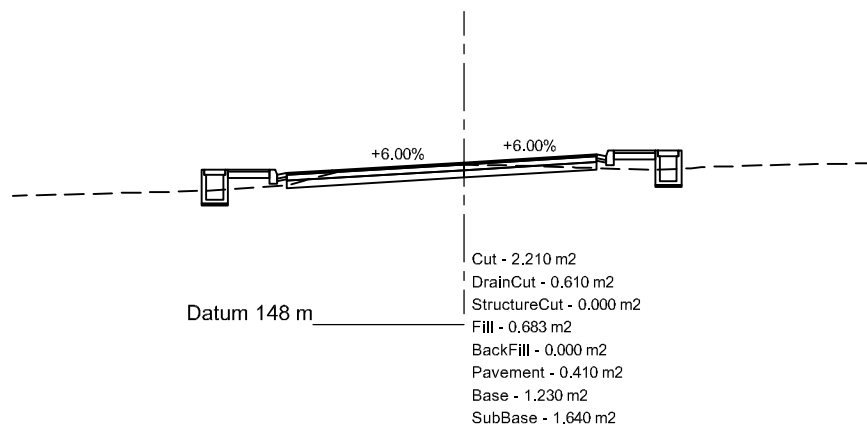
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Ch:4+260

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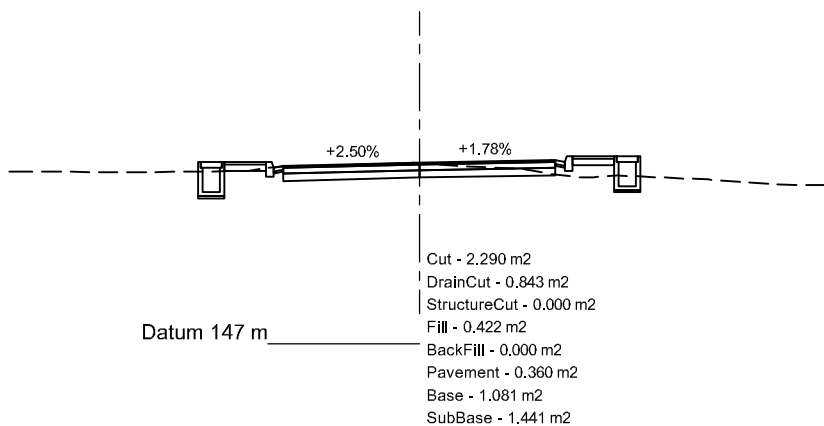
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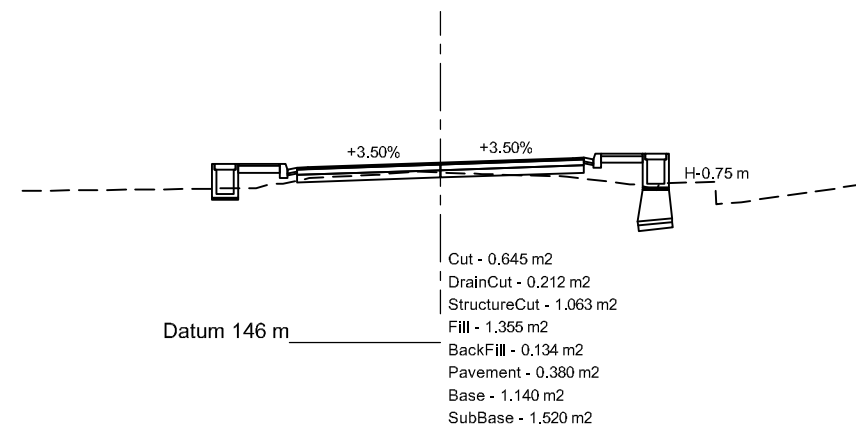
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Ch:4+380

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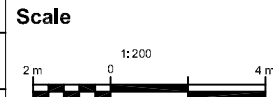


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Team Leader : YOO CHANGMIN
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Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



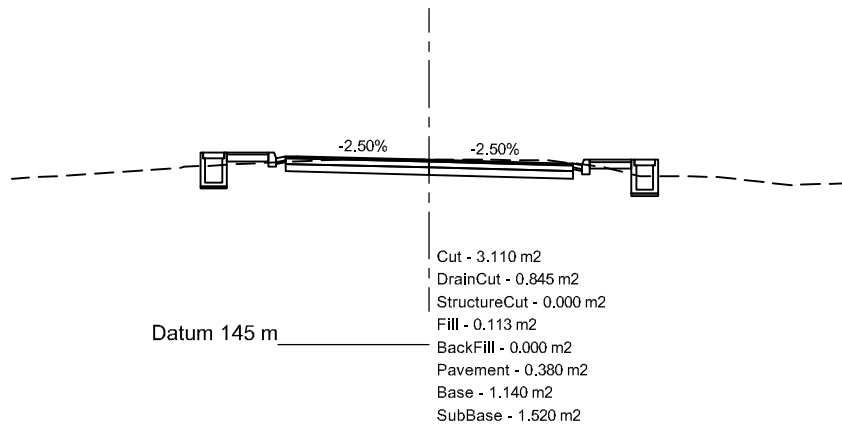
Cross-Section
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024
DRG NO : SM/RD/CS/26
CHAINAGE : 4+260-4+420
SHEET NO : 26

Ch:4+480

GL:149.897

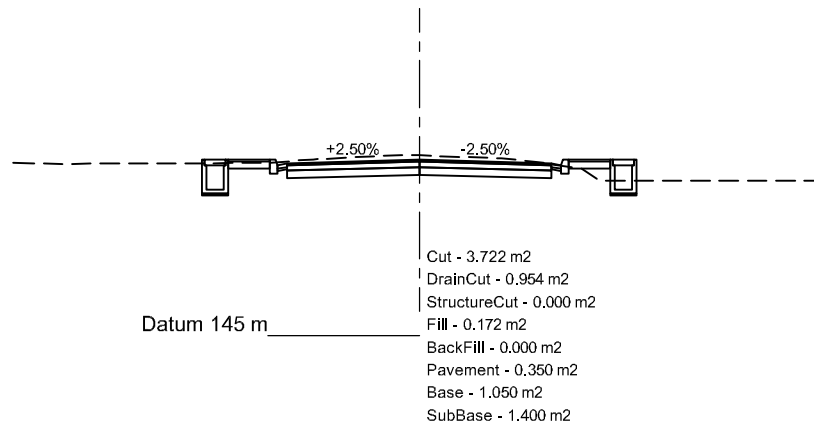
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Ch:4+540

GL:149.765

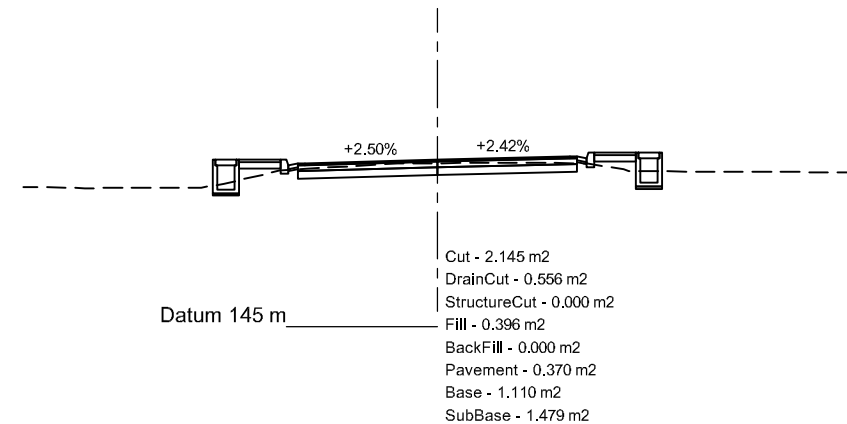
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Ch:4+600

GL:149.321

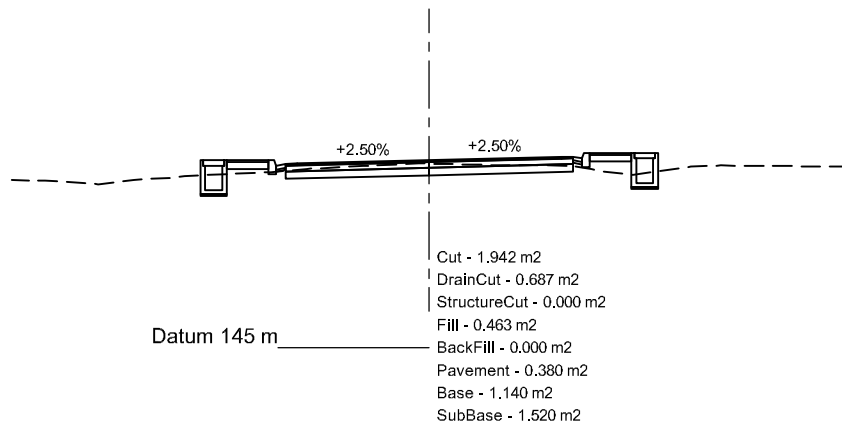
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Ch:4+460

GL:149.869

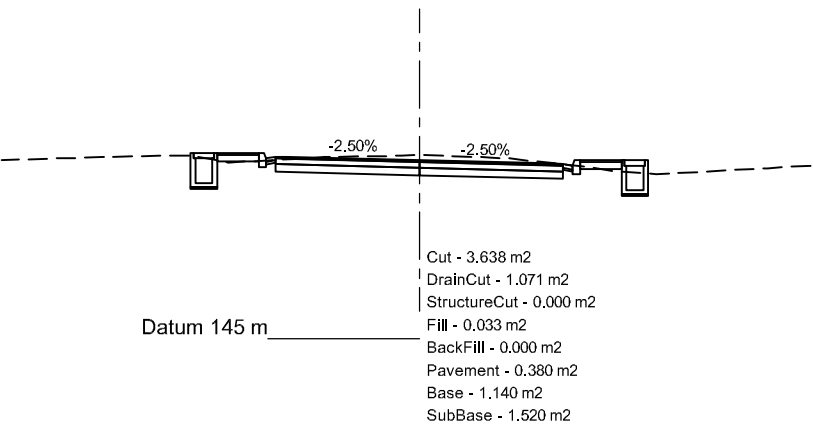
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Ch:4+520

GL:149.860

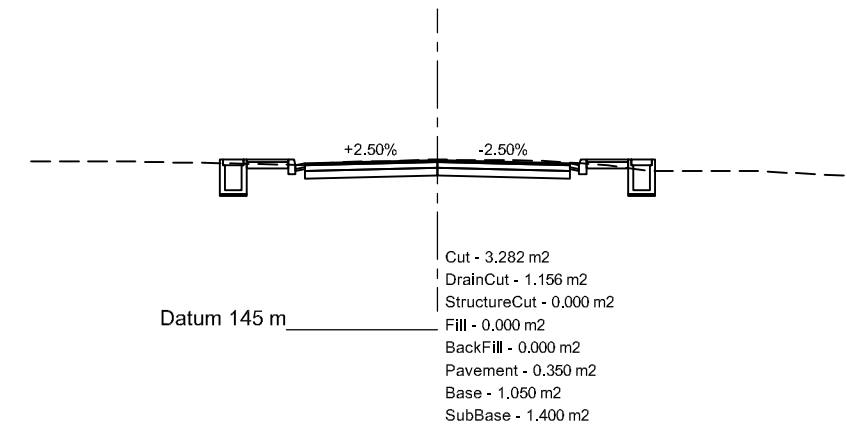
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Ch:4+580

GL:149.501

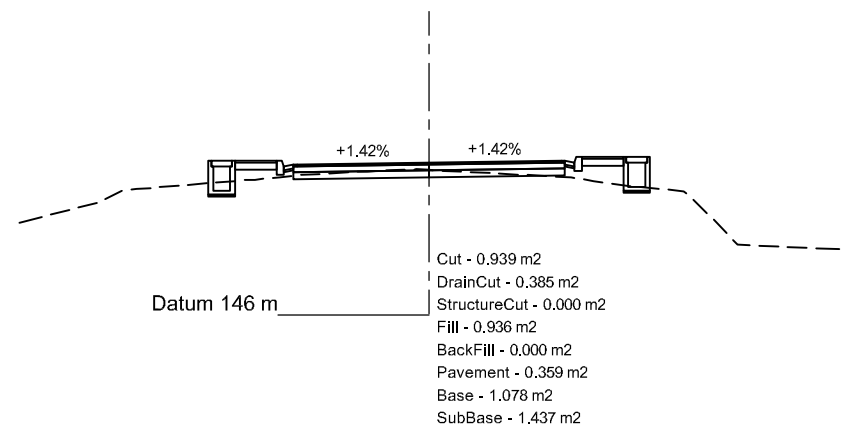
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Ch:4+440

GL:149.844

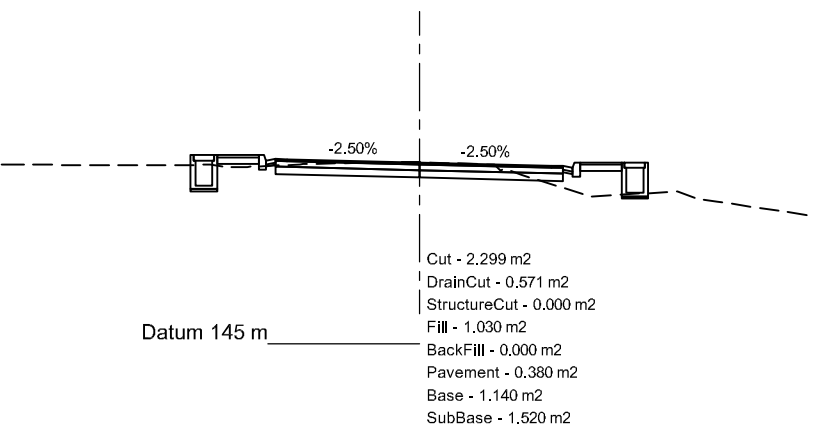
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Ch:4+500

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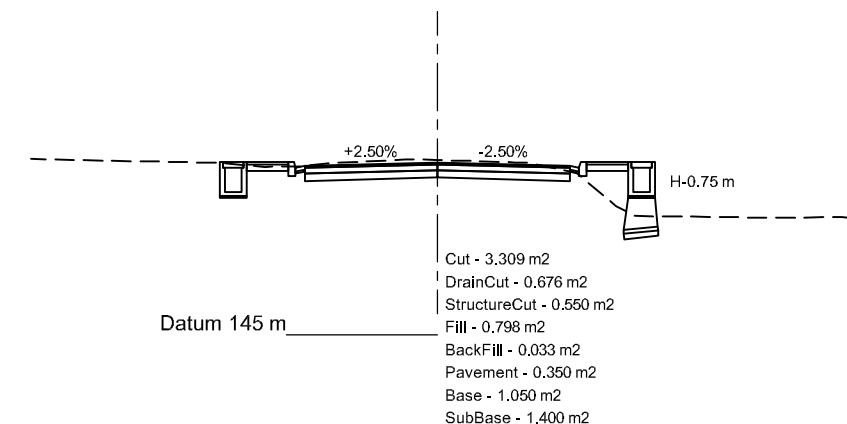
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Ch:4+560

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DL:149.567

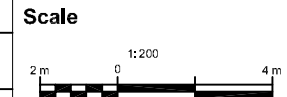


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Team Leader : YOO CHANGMIN
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Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



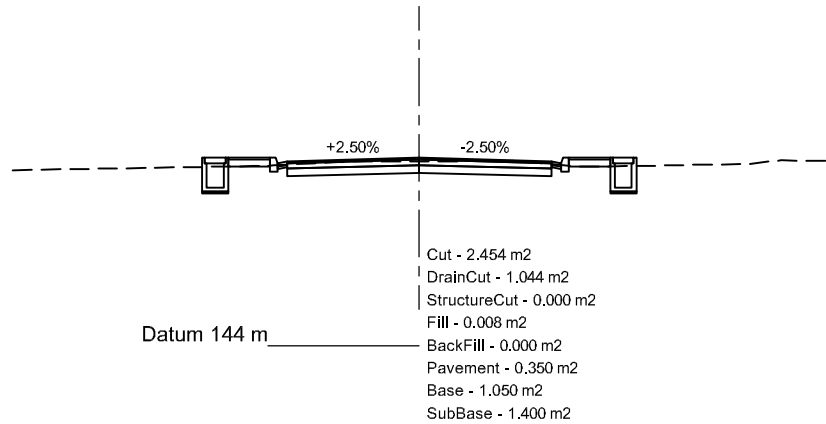
Cross-Section
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024
DRG NO : SM/RD/CS/27
CHAINAGE : 4+440-4+600
SHEET NO : 27

Ch:4+660

GL:148.890

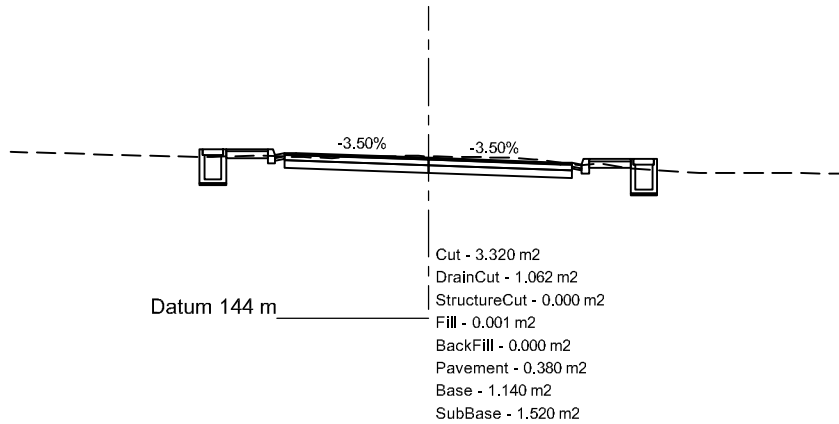
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Ch:4+720

GL:148.281

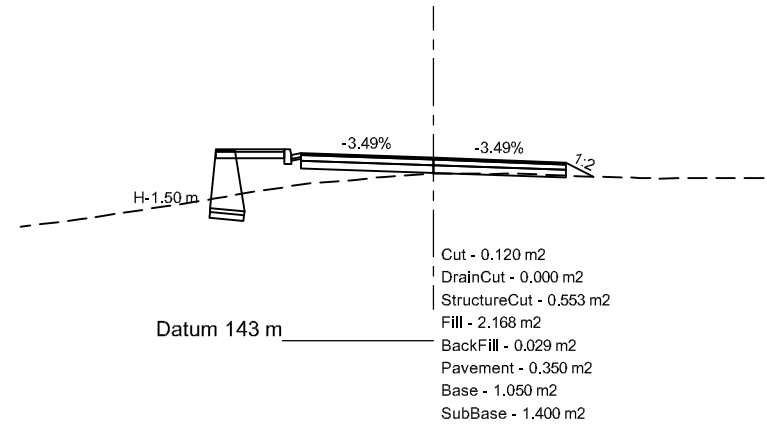
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Ch:4+760

GL:147.435

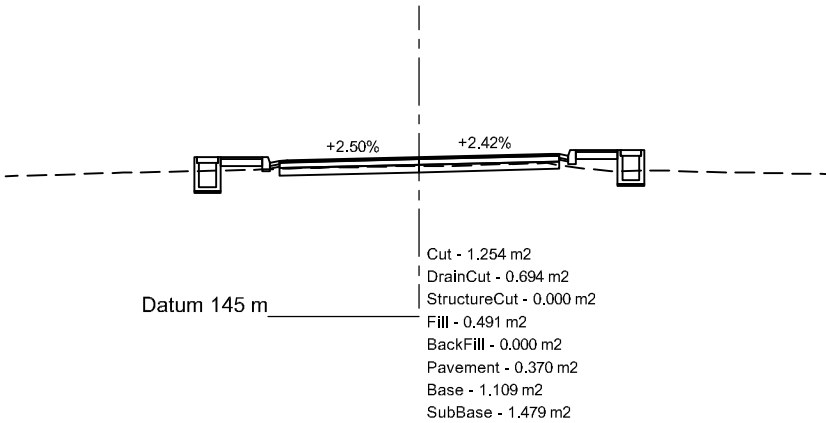
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GL:148.986

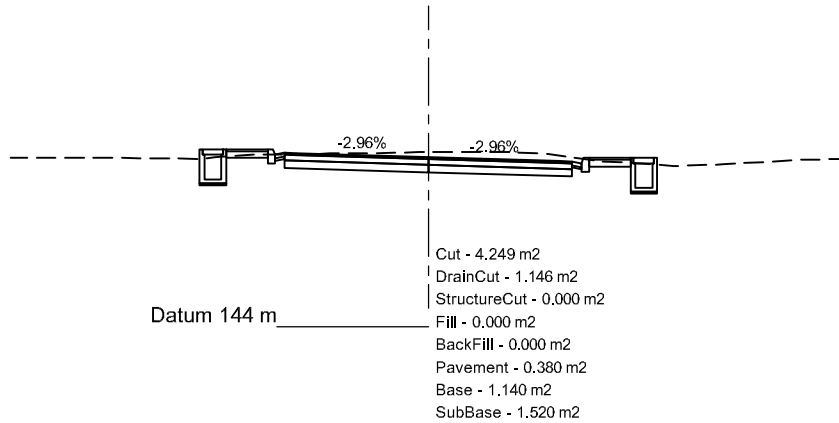
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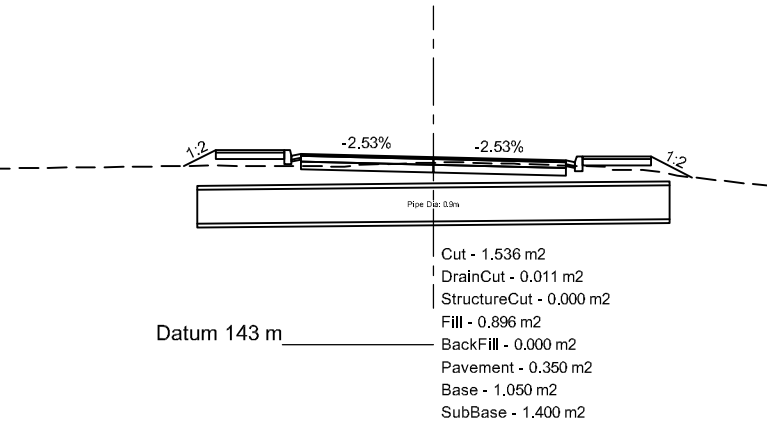
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Ch:4+743

GL:147.811

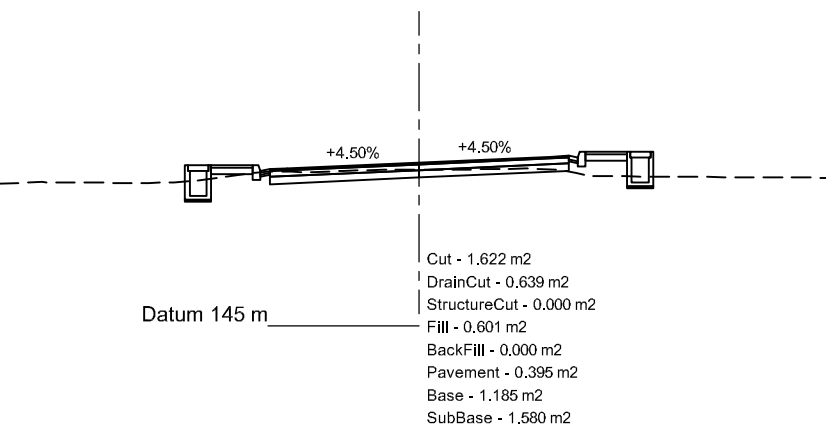
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Ch:4+620

GL:149.143

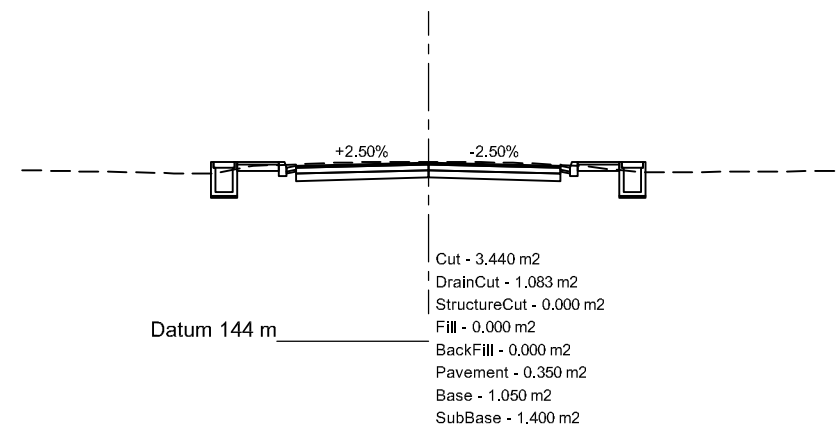
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Ch:4+680

GL:148.747

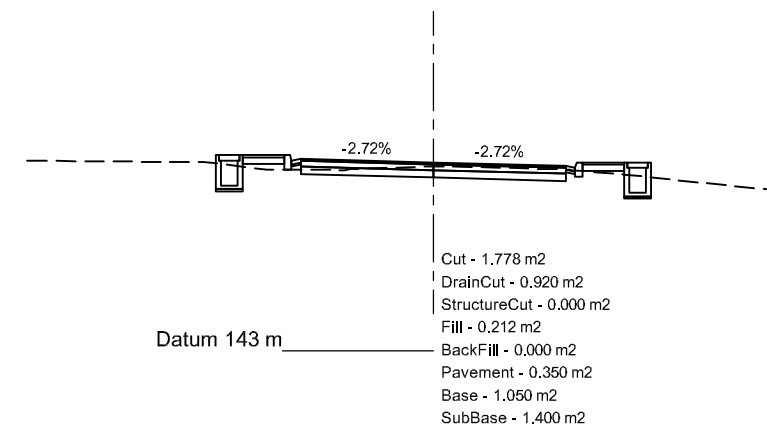
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Ch:4+740

GL:147.887

DL:147.991

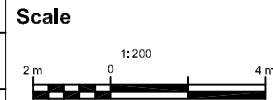


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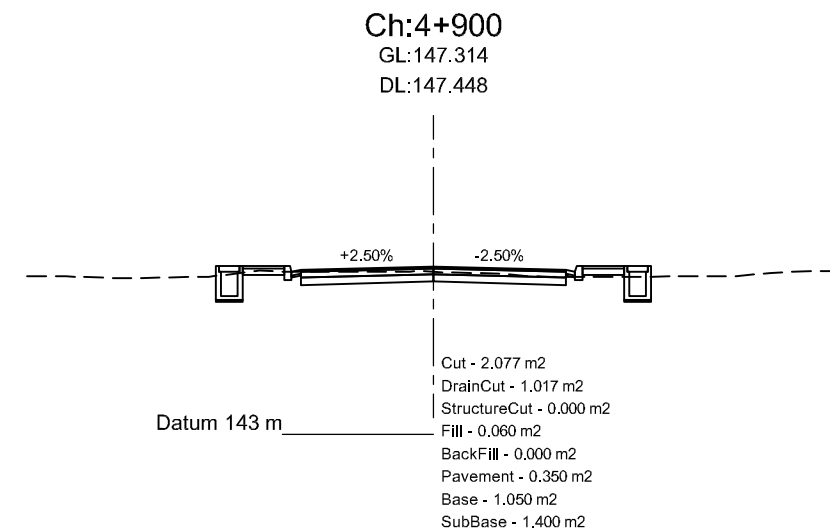
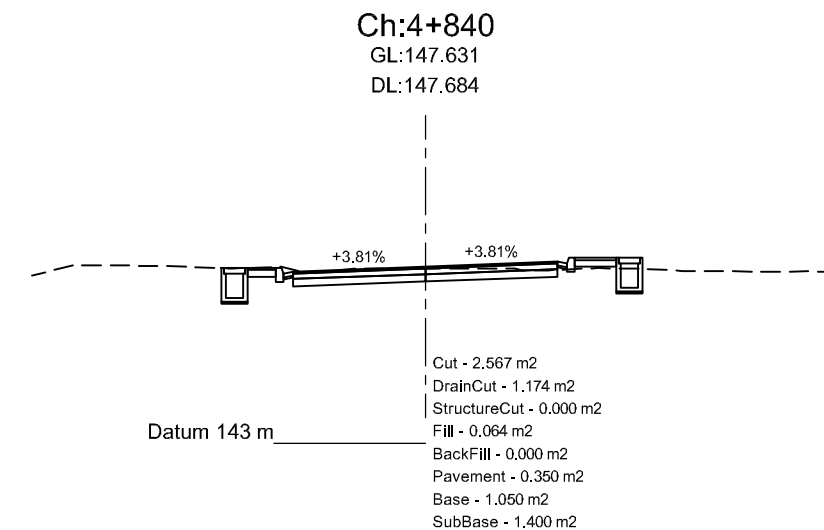
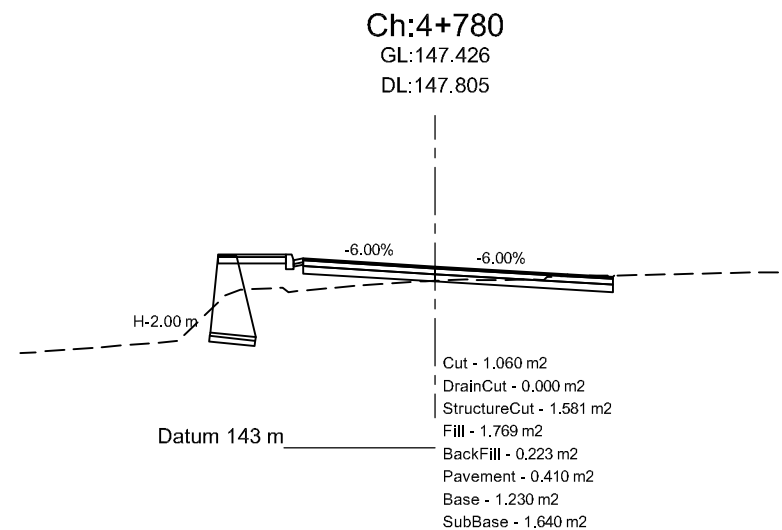
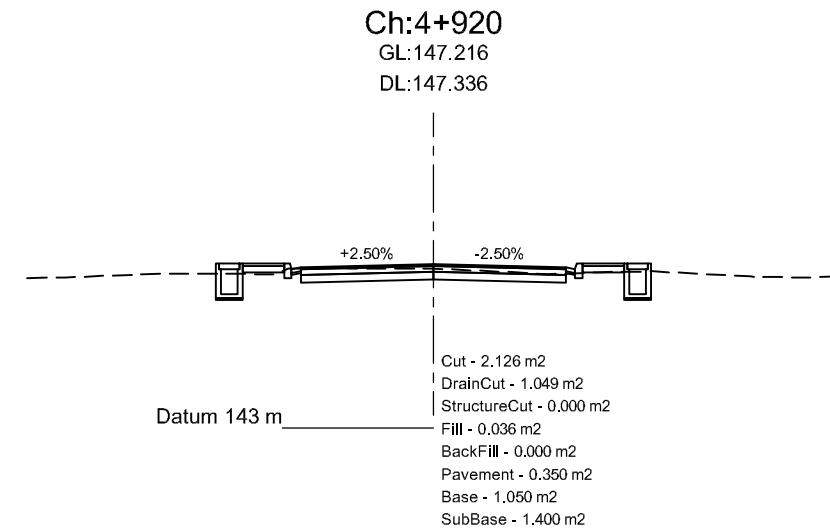
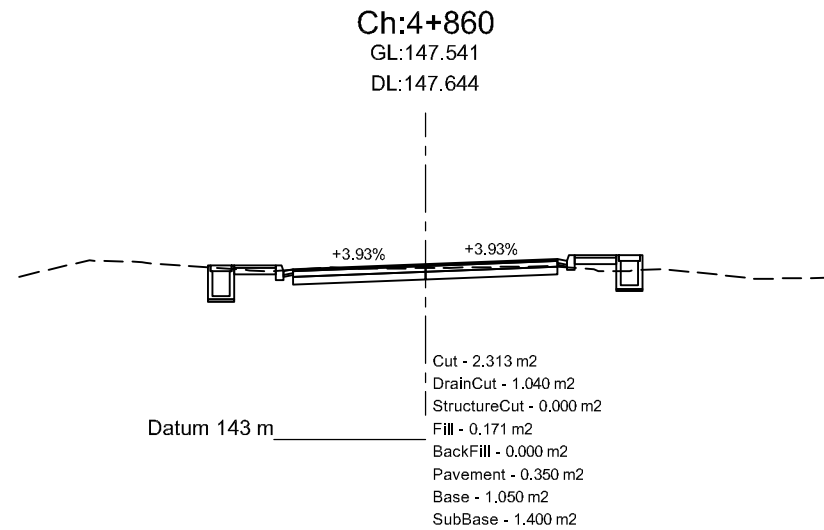
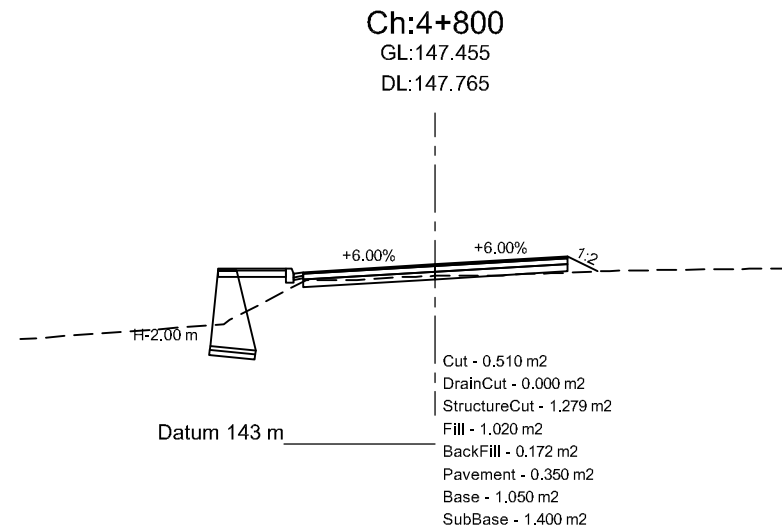
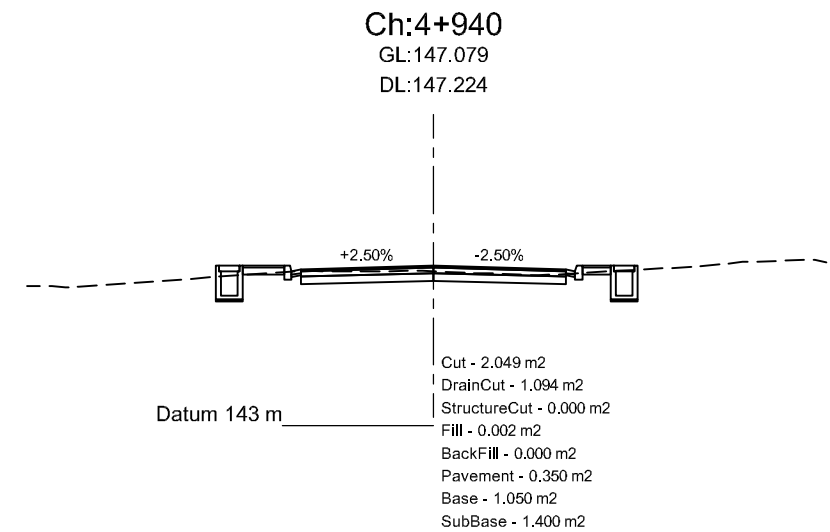
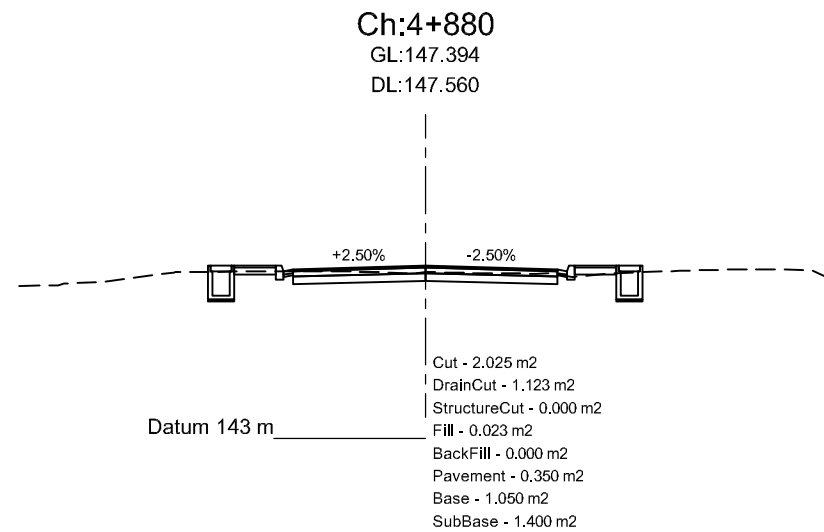
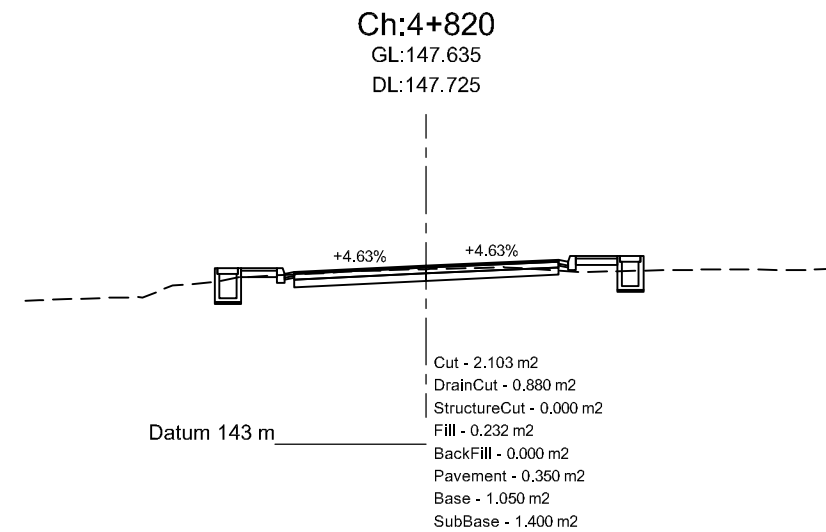
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Cross-Section
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024
DRG NO : SM/RD/CS/28
CHAINAGE : 4+620-4+760
SHEET NO : 28

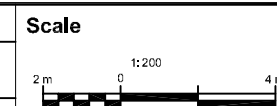


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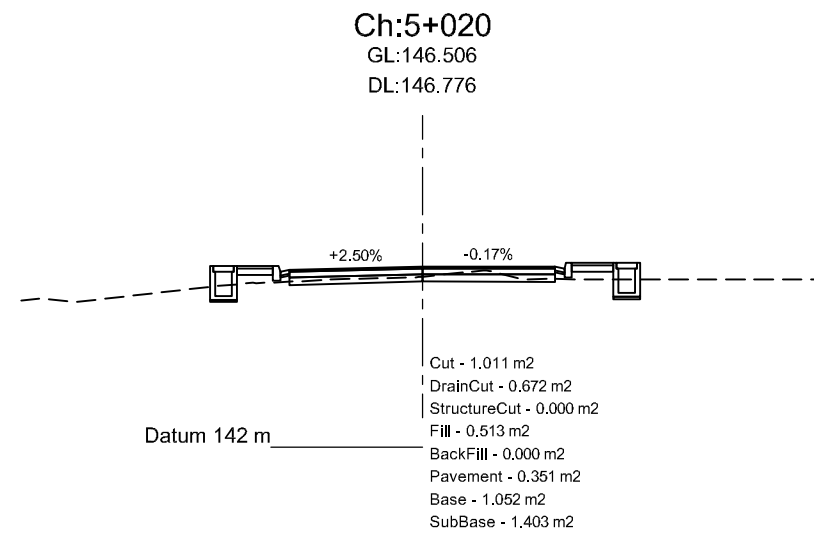
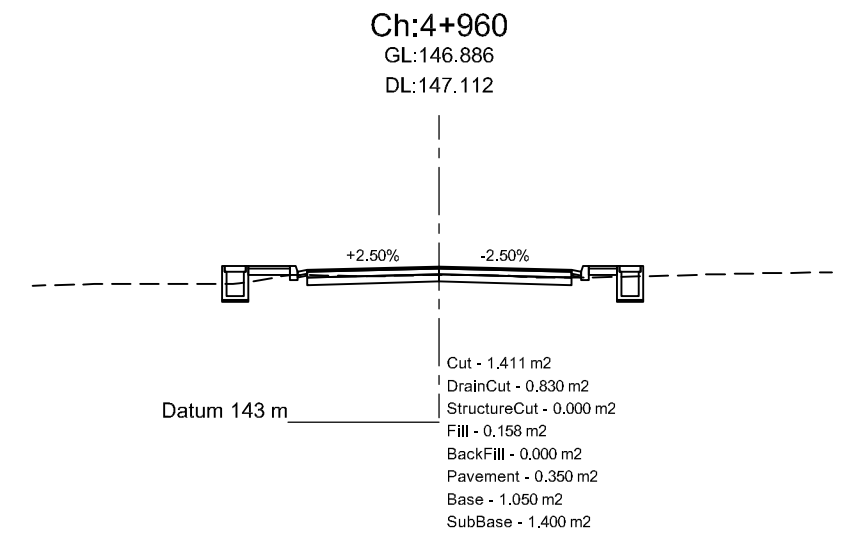
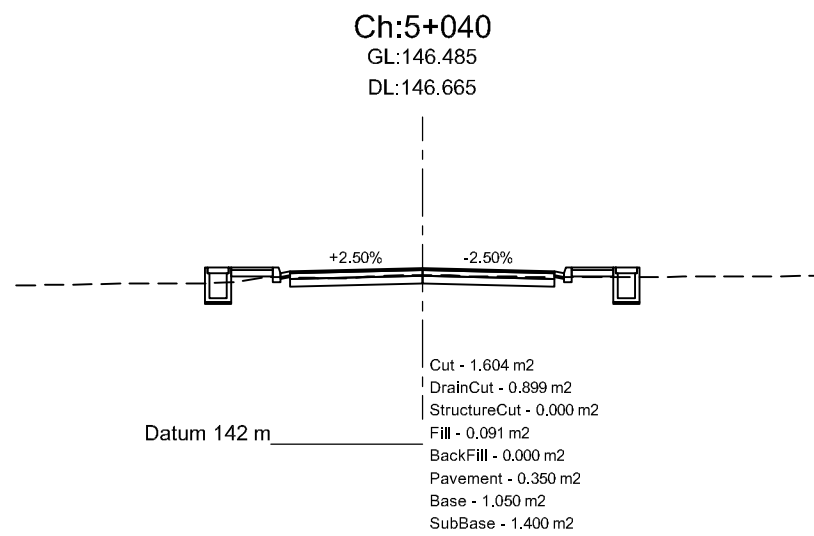
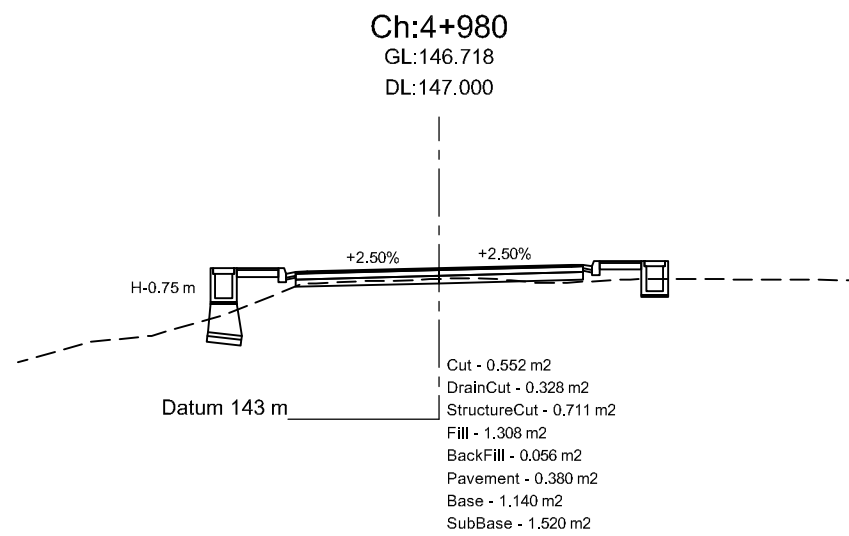
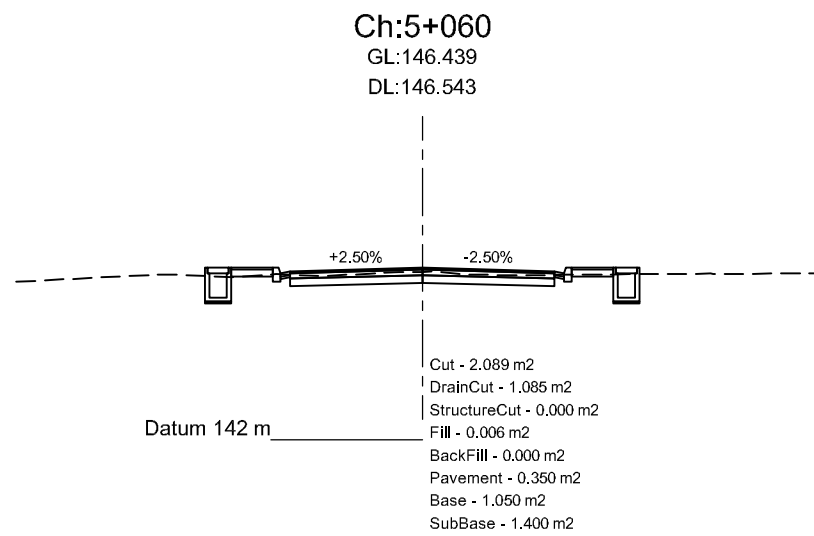
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
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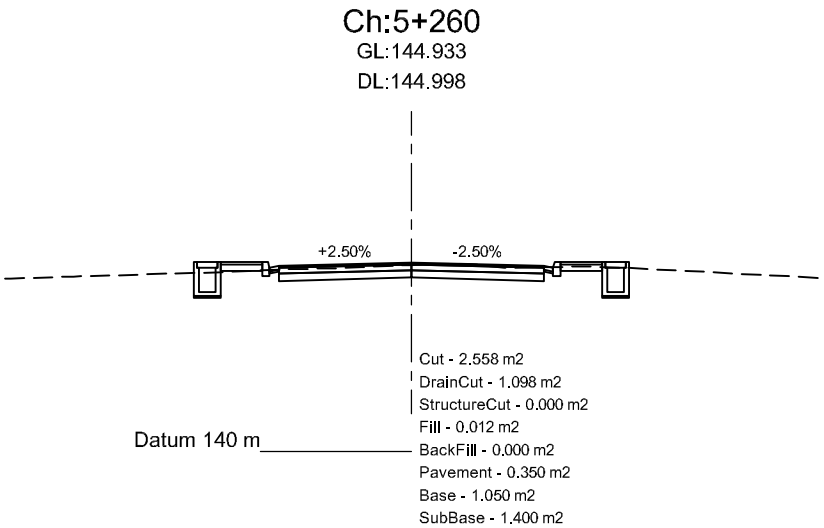
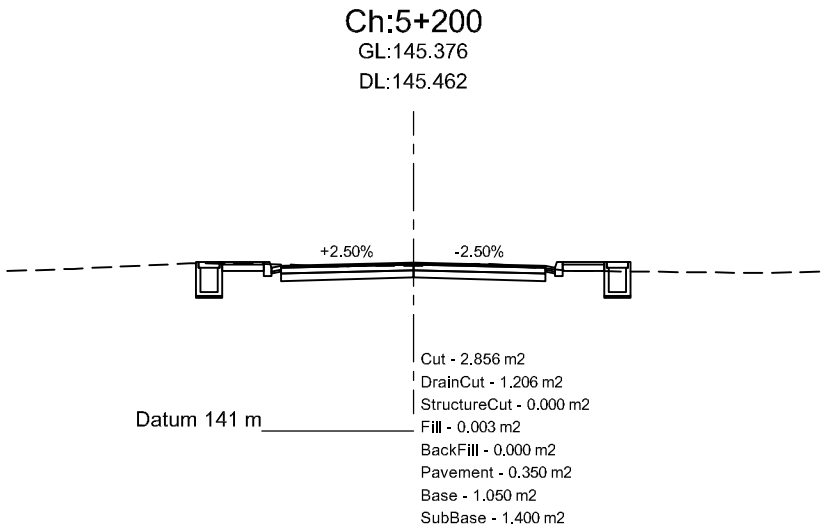
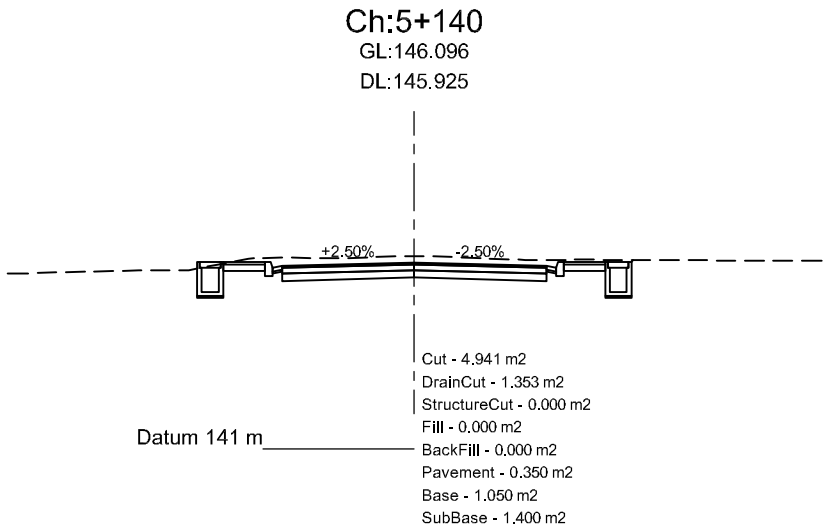
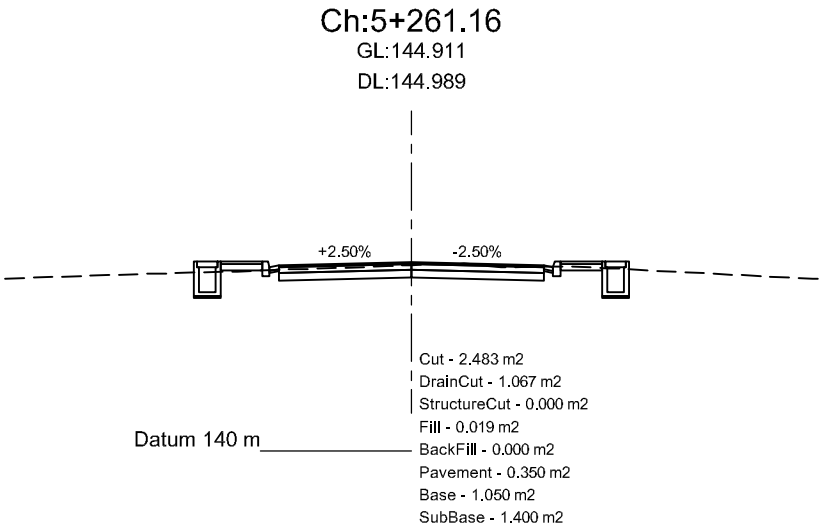
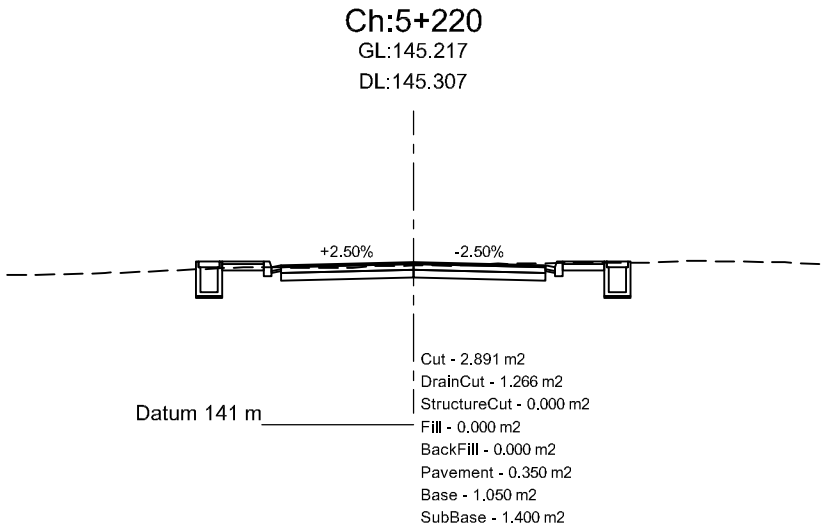
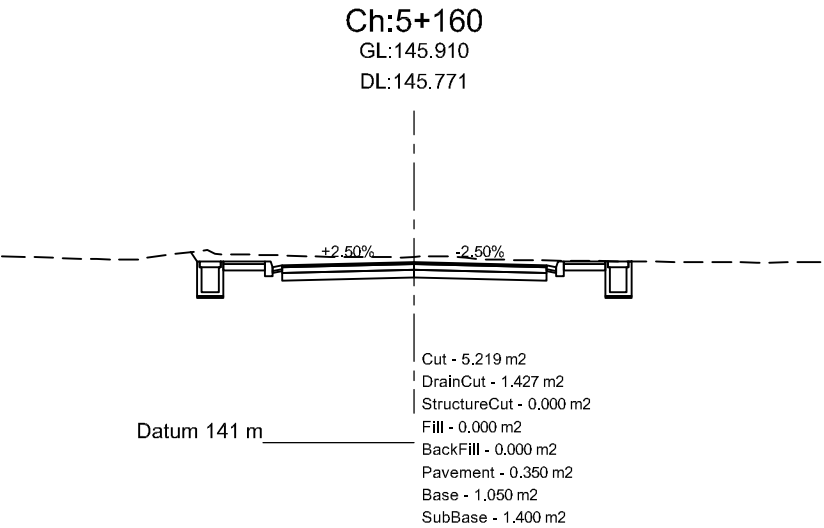
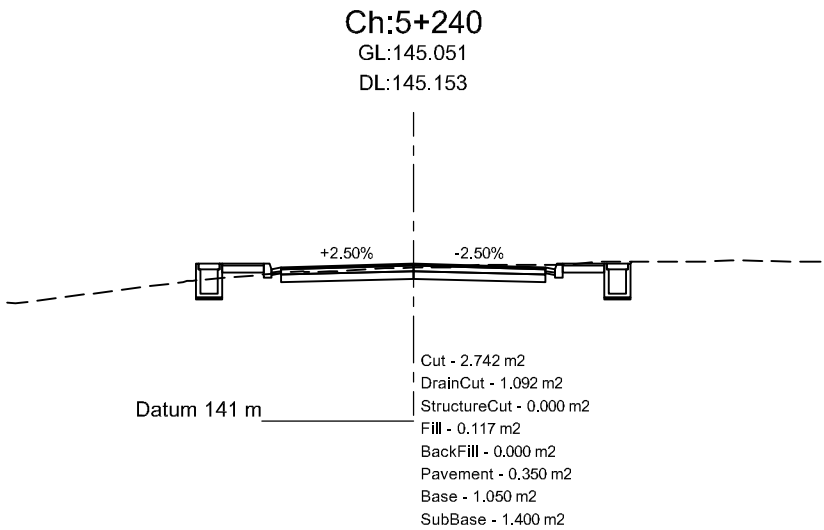
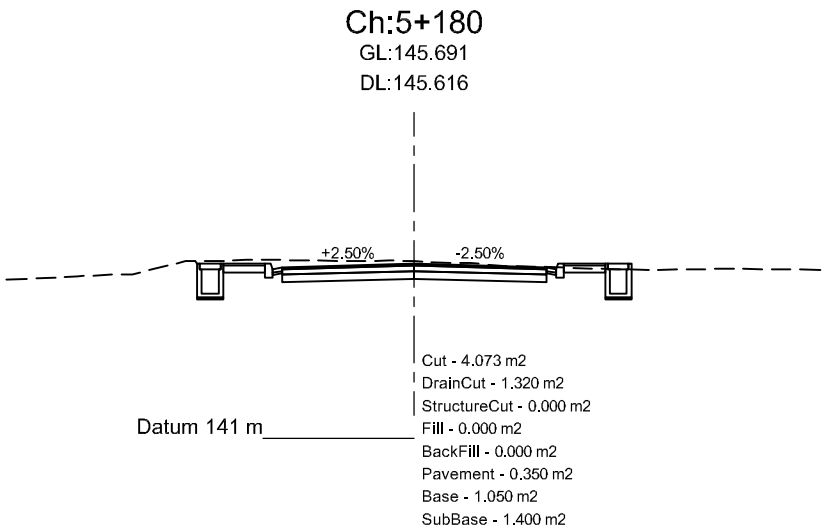
Client
Approved By :
Checked By :

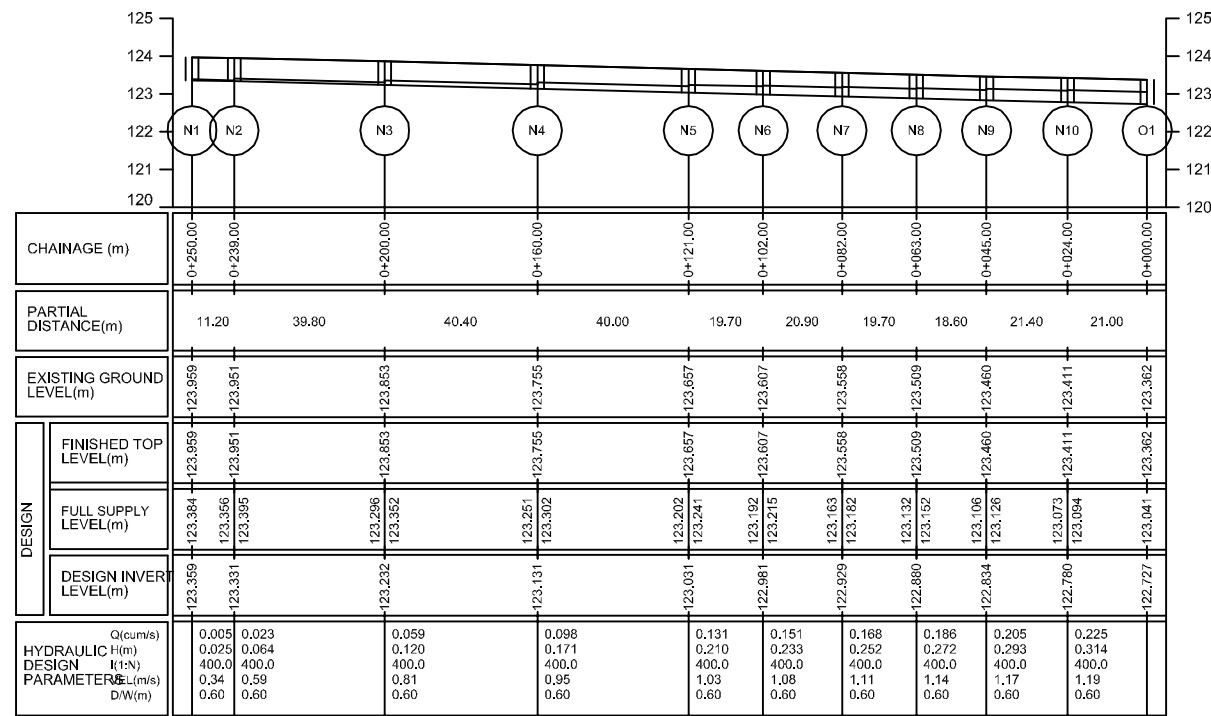
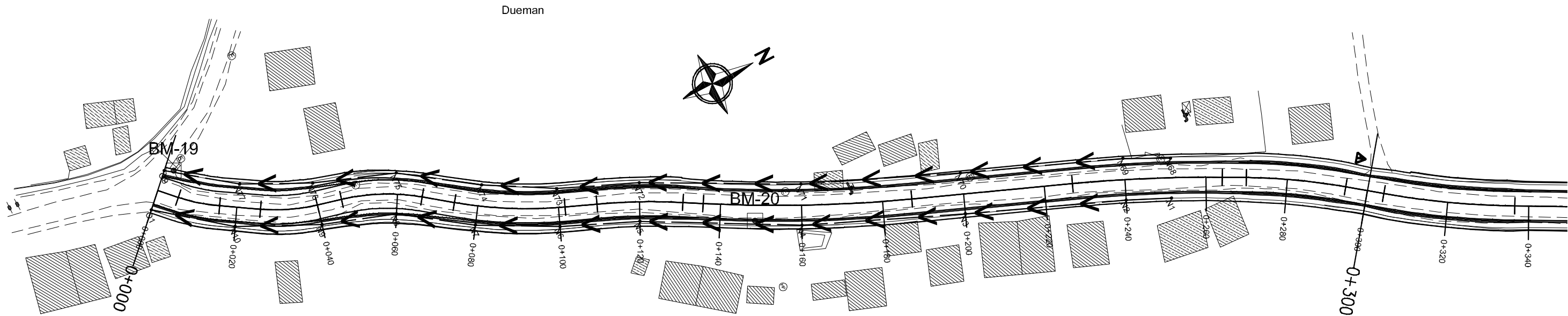


Cross-Section
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

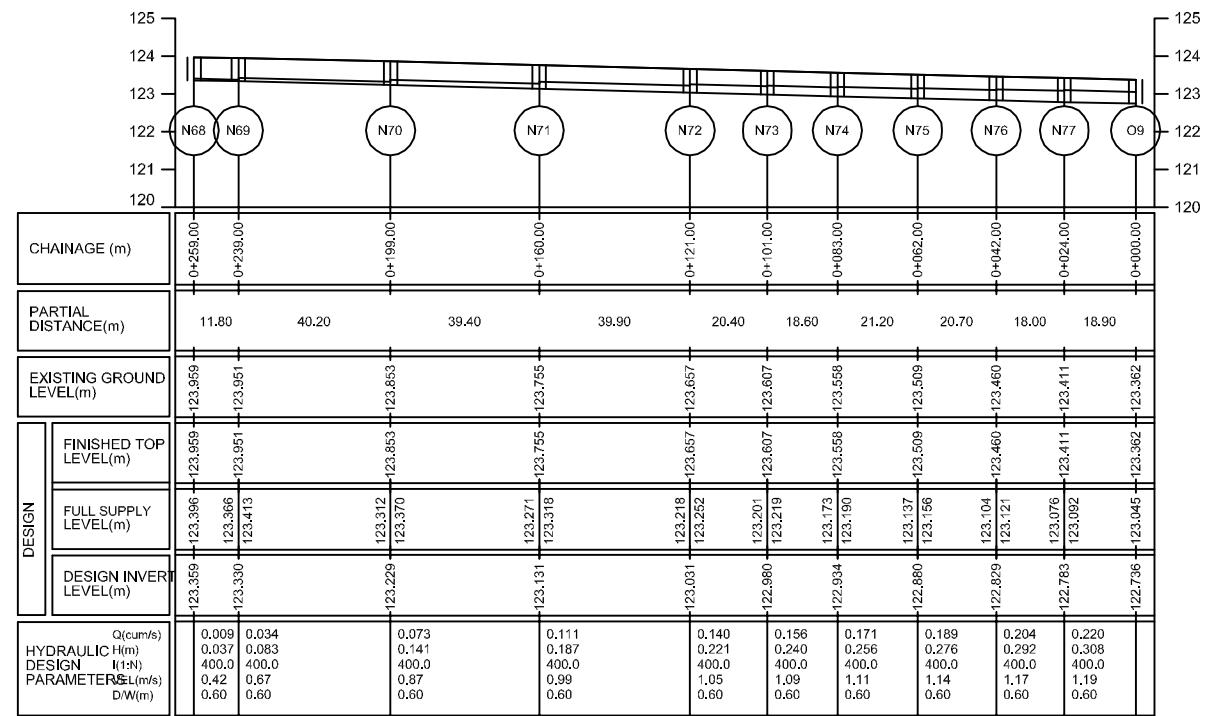
REV : DEC 2024
DRG NO : SM/RD/CS/29
CHAINAGE : 4+780-4+940
SHEET NO : 29







BRANCH NUMBER: N1-O1



BRANCH NUMBER: N68-O9



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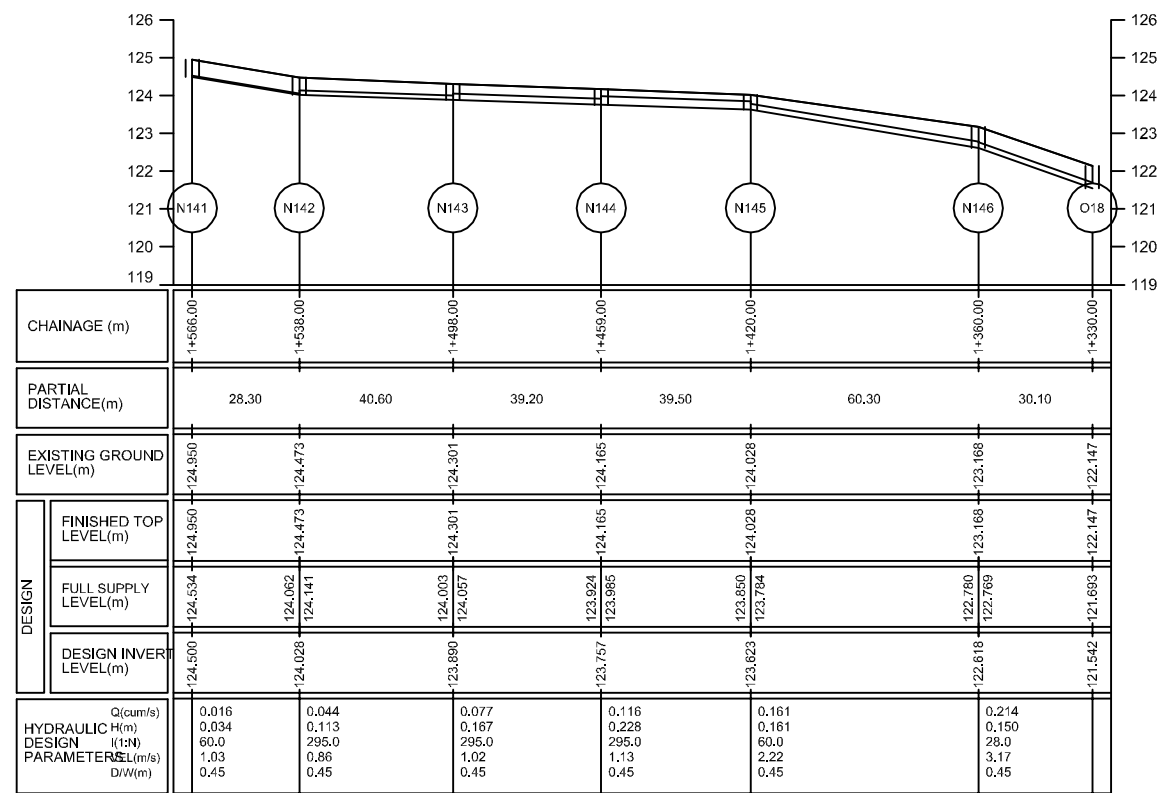
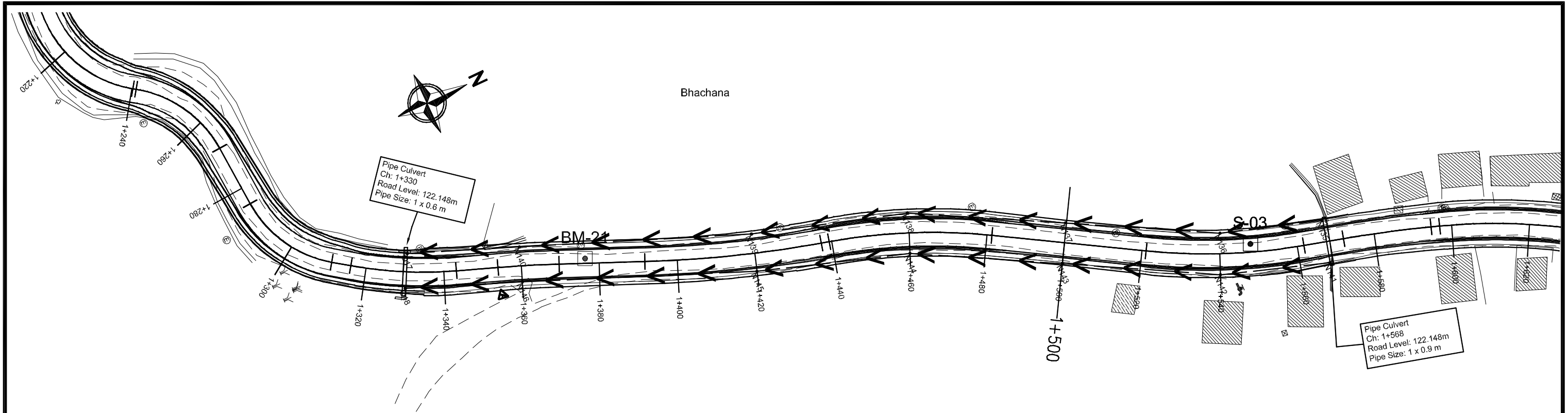
Consultant
Team Leader : YOO CHANGMIN
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Designed By : MANJU MUNANKARMI

Client
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Checked By :

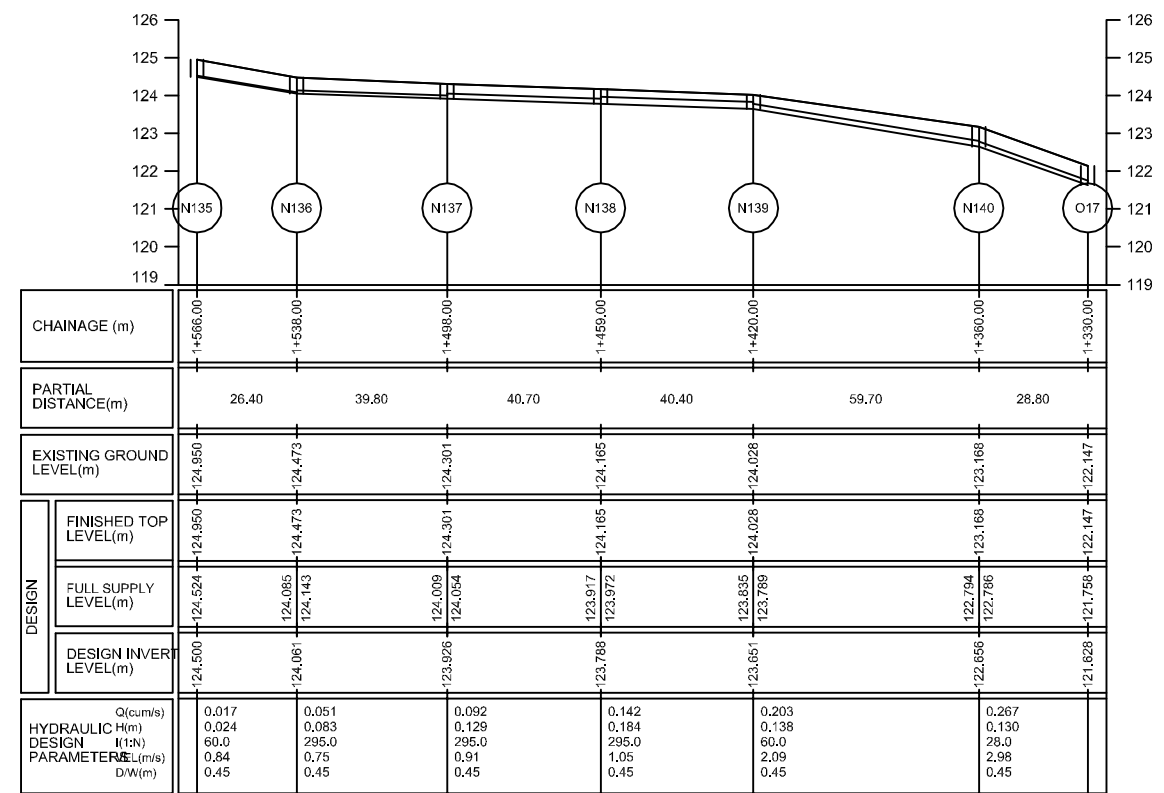
Scale
HORIZONTAL 1:1000
VERTICAL 1:200

Drain Plan & Profile
SAINAMAINA RINGROAD SALJHANDI
DUIIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

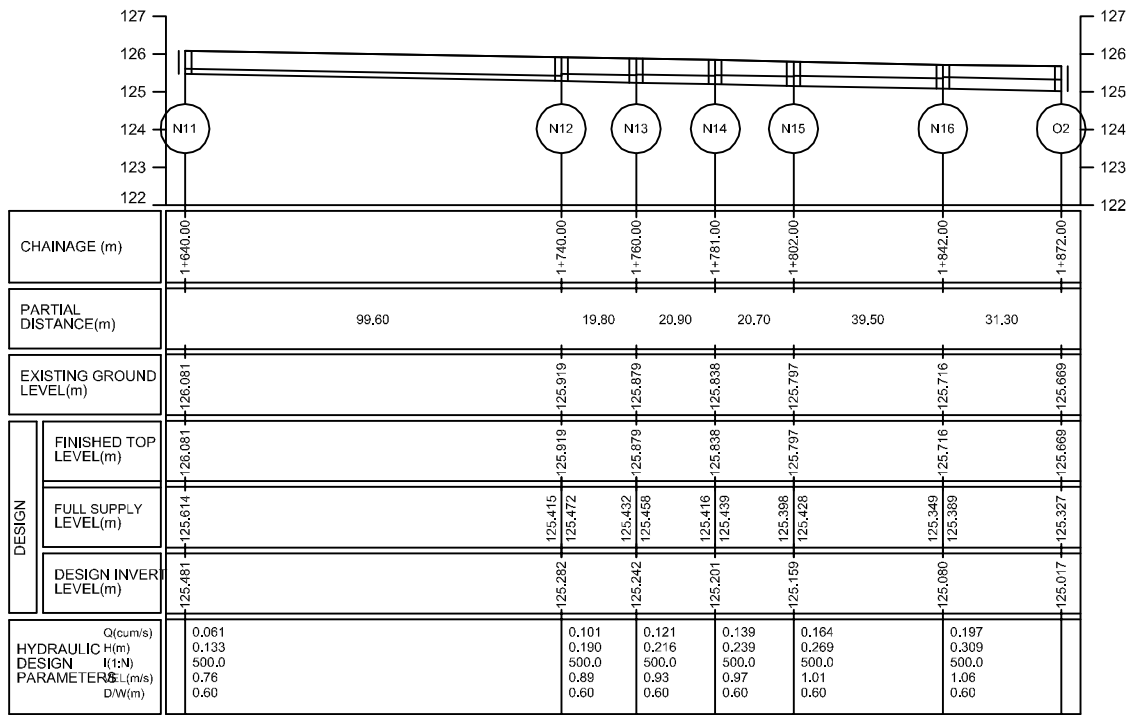
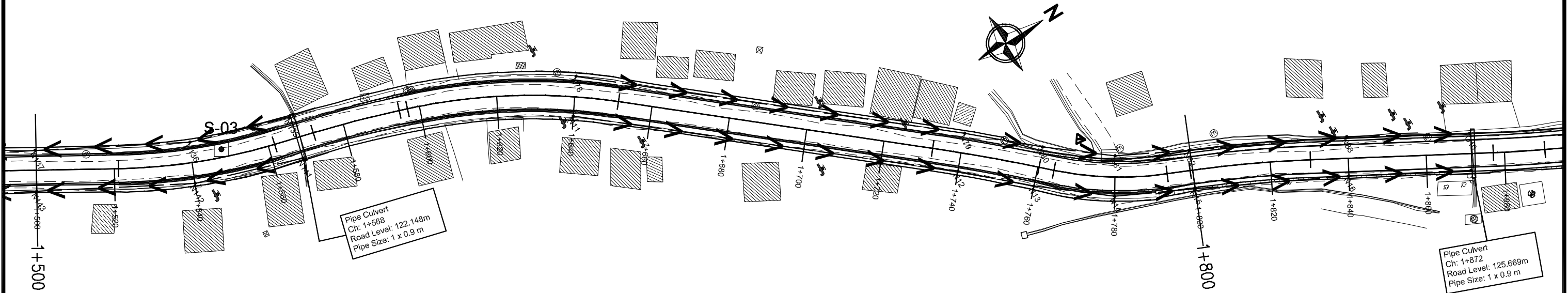
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DRG NO : SM/DD/PP/01
CHAINAGE : 0+000 to 0+300
SHEET NO : 01/11



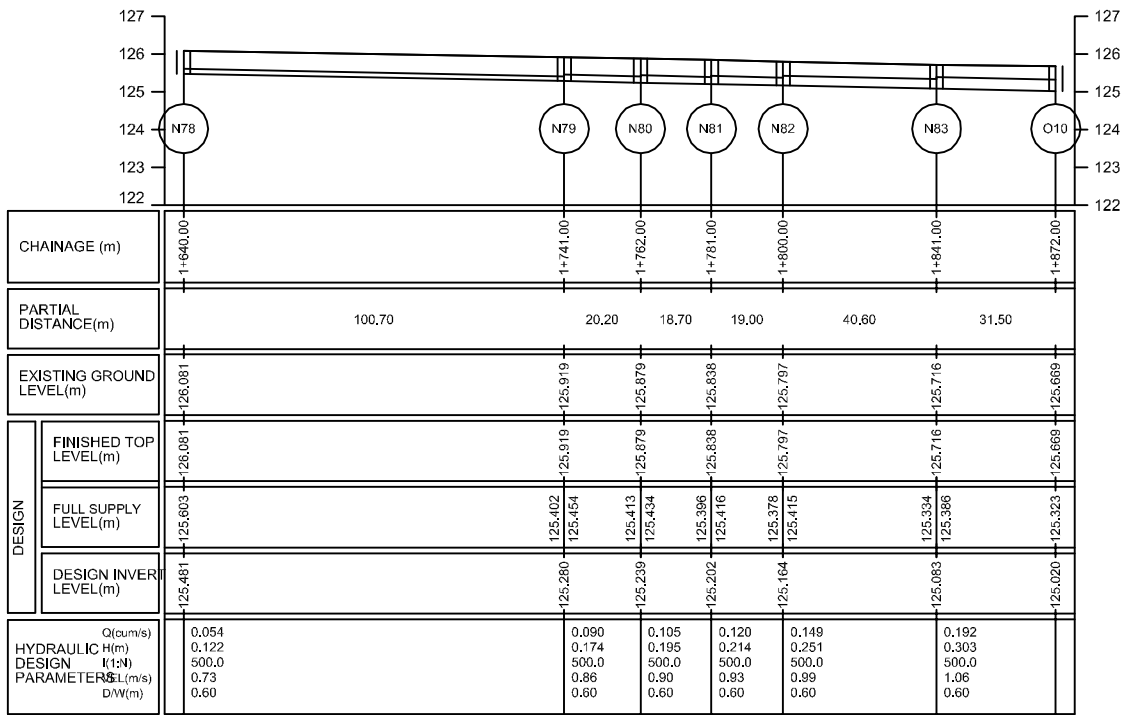
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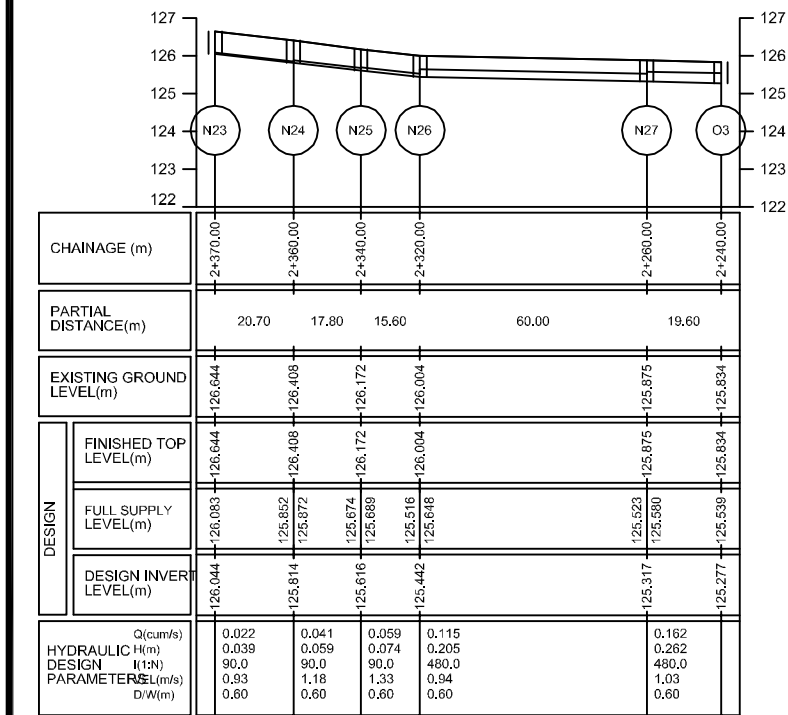
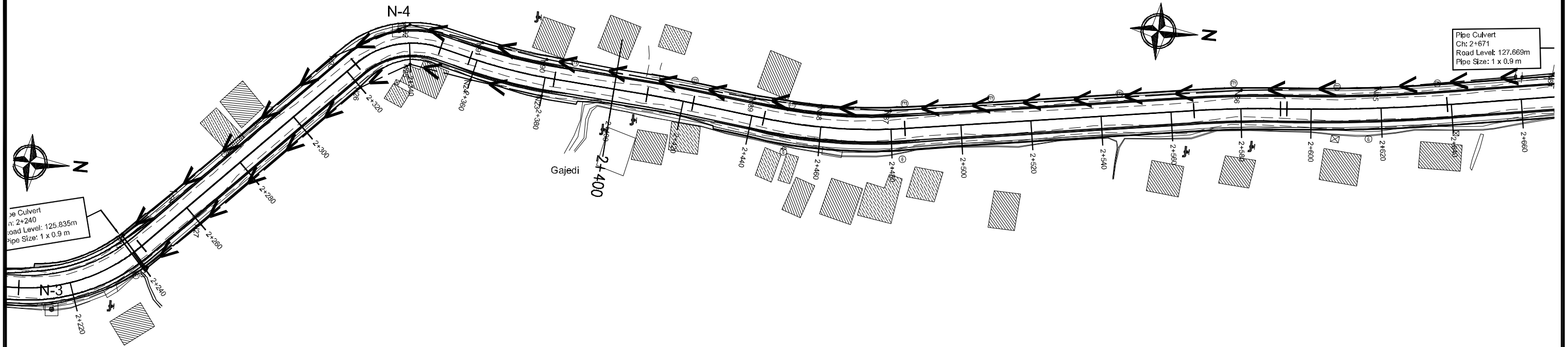
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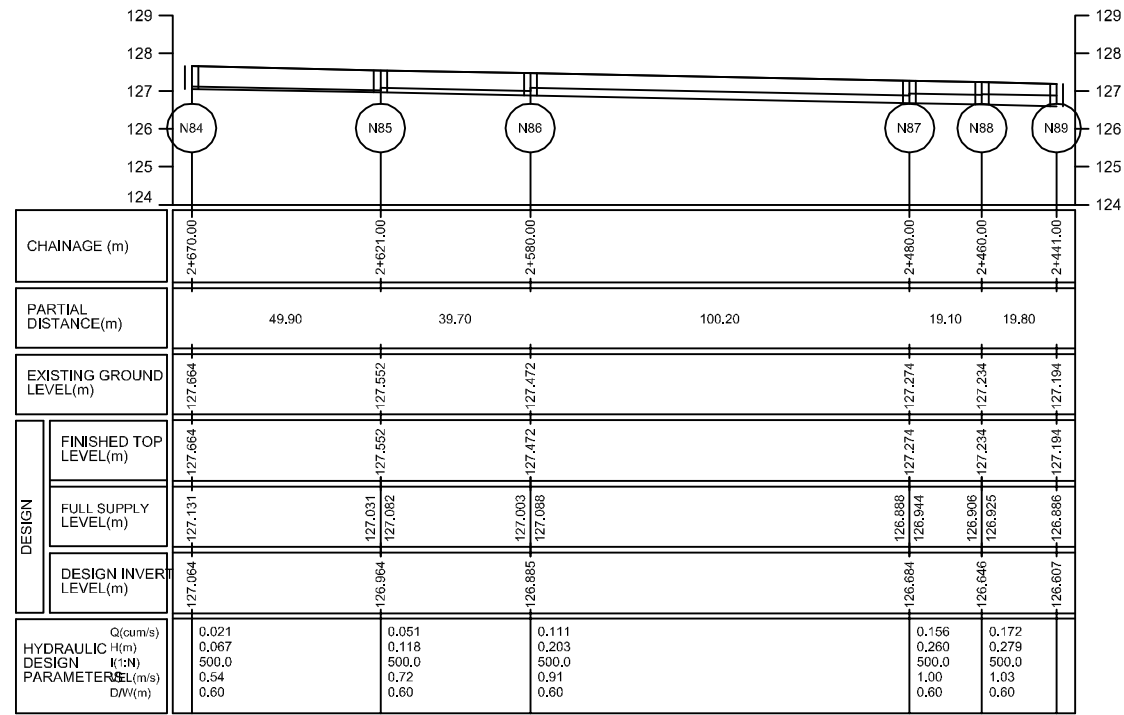
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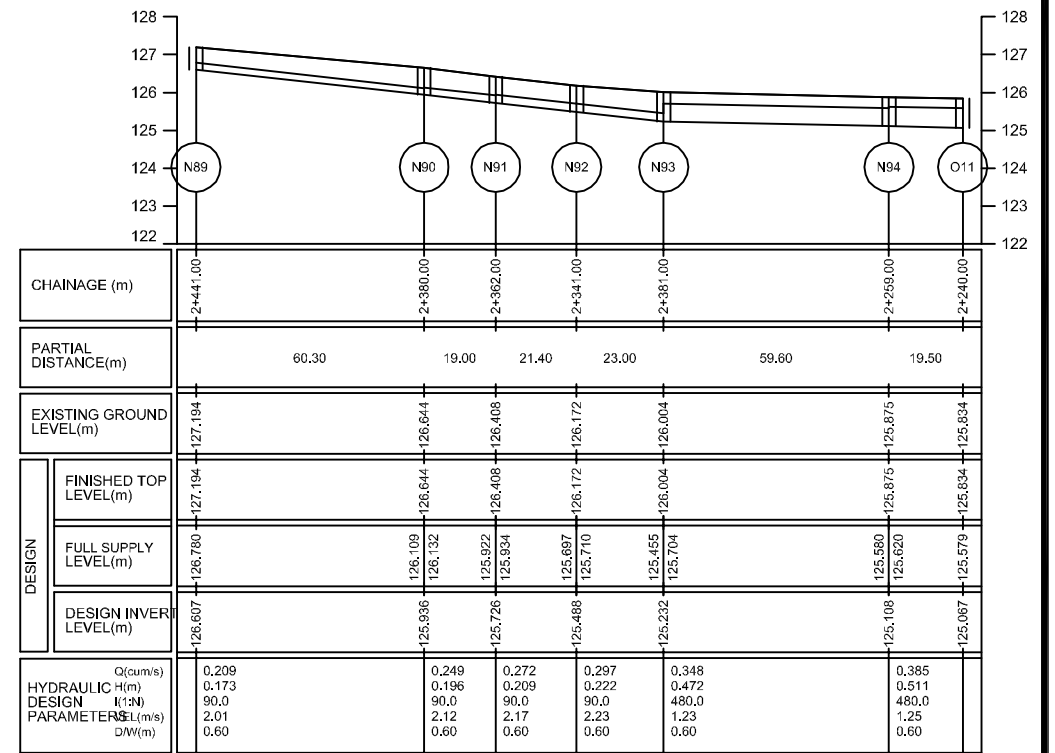
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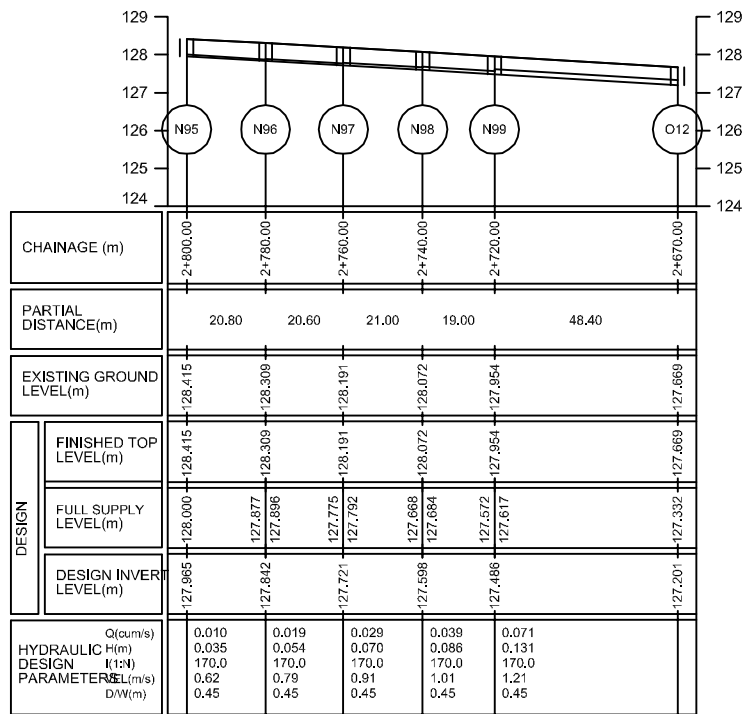
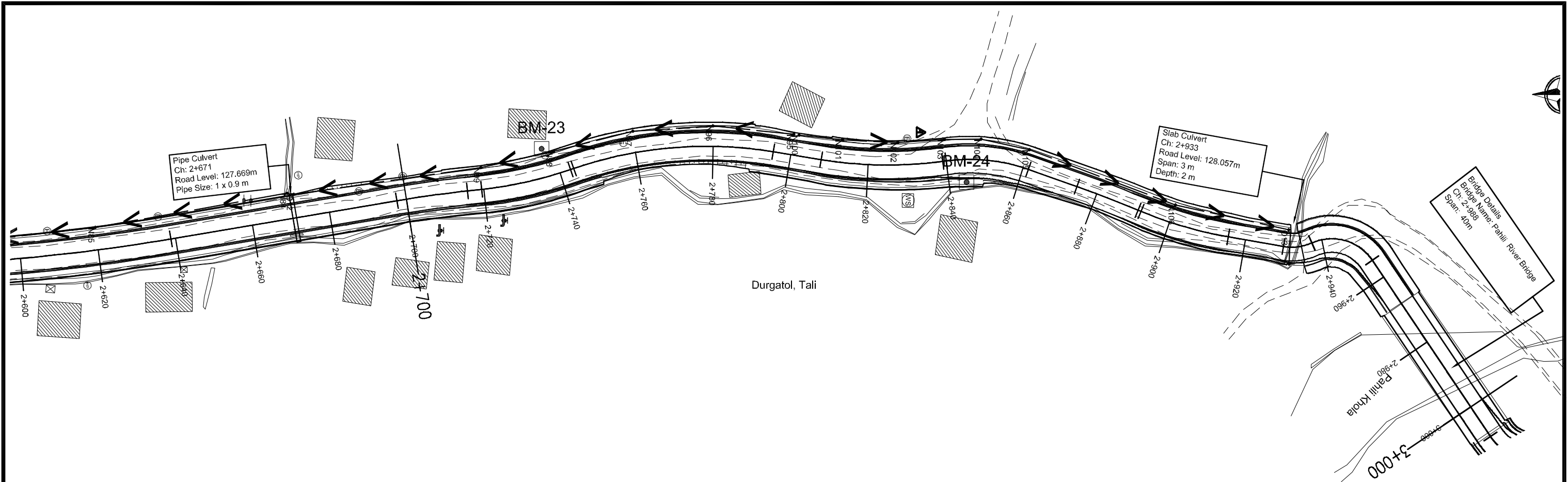
BRANCH NUMBER: N23-O3



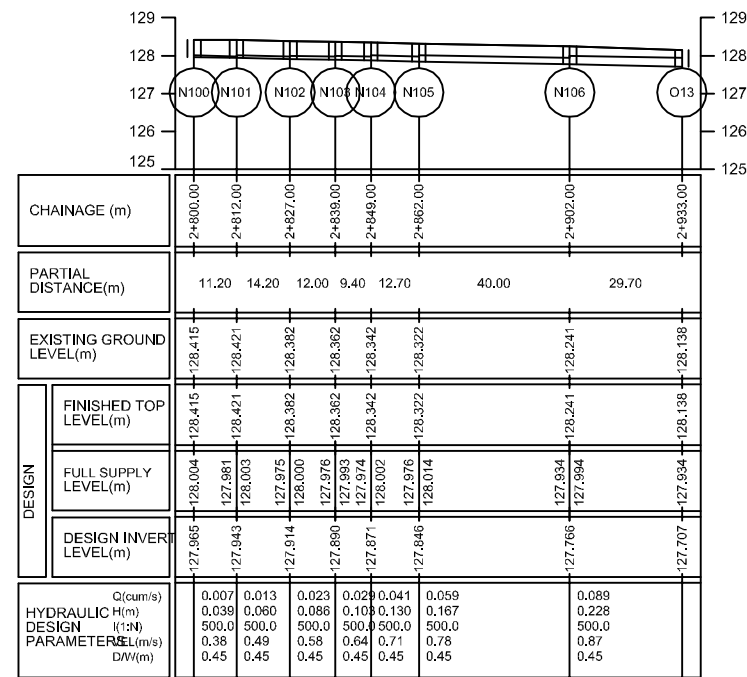
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BRANCH NUMBER: N84-O11



BRANCH NUMBER: N95-O12



BRANCH NUMBER: N100-O13

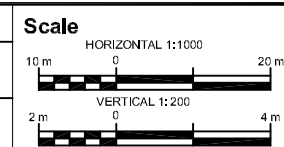


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Regional Urban Development Project (RUDP)
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Babarmahal, Kathmandu, Nepal

Reviewed & Designed By :
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Tel: 01-4589393

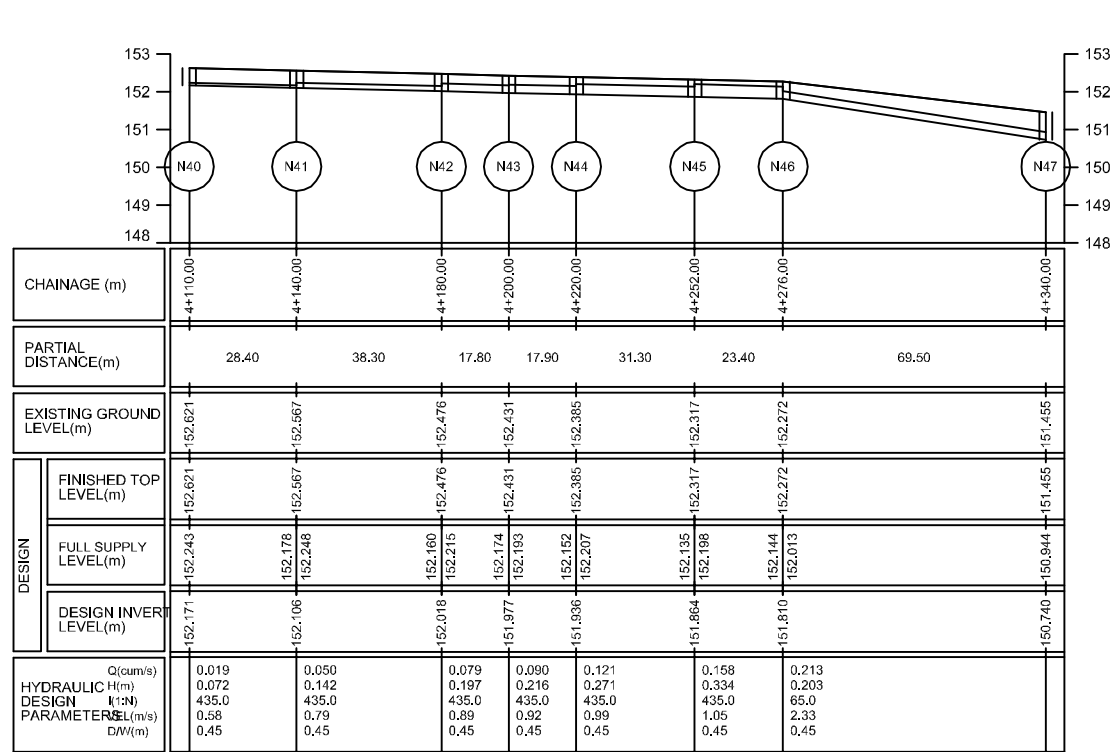
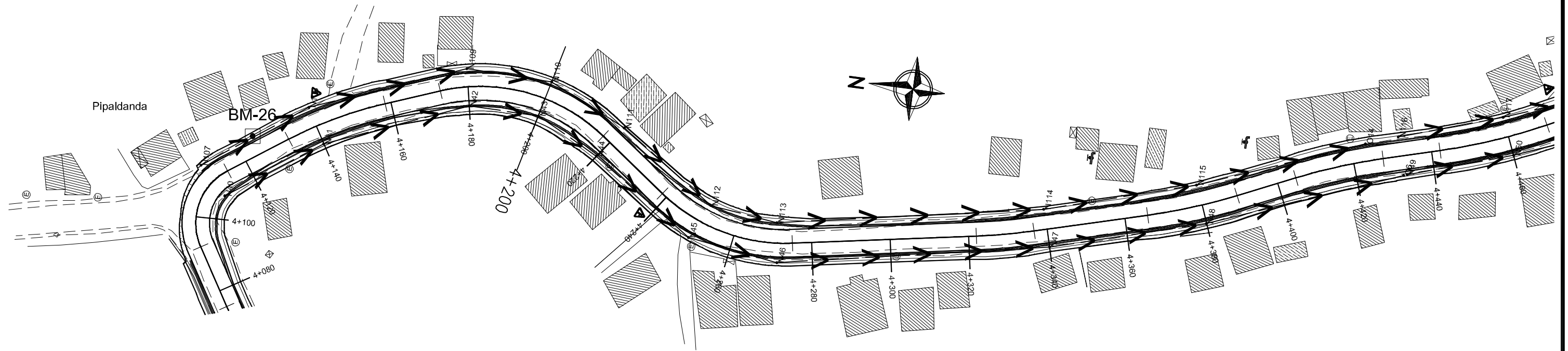
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :

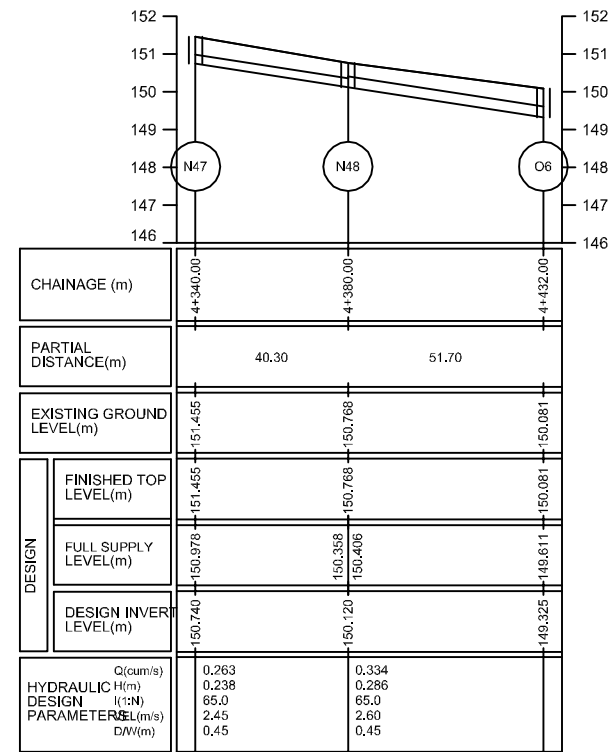


Drain Plan & Profile
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024
DRG NO : SM/DD/PP/05
CHAINAGE : 2+600 to 3+000
SHEET NO : 05/11



BRANCH NUMBER: N40-O6



BRANCH NUMBER: N40-O6

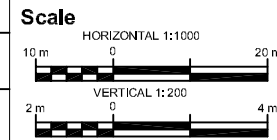


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Tel: 01- 4589393

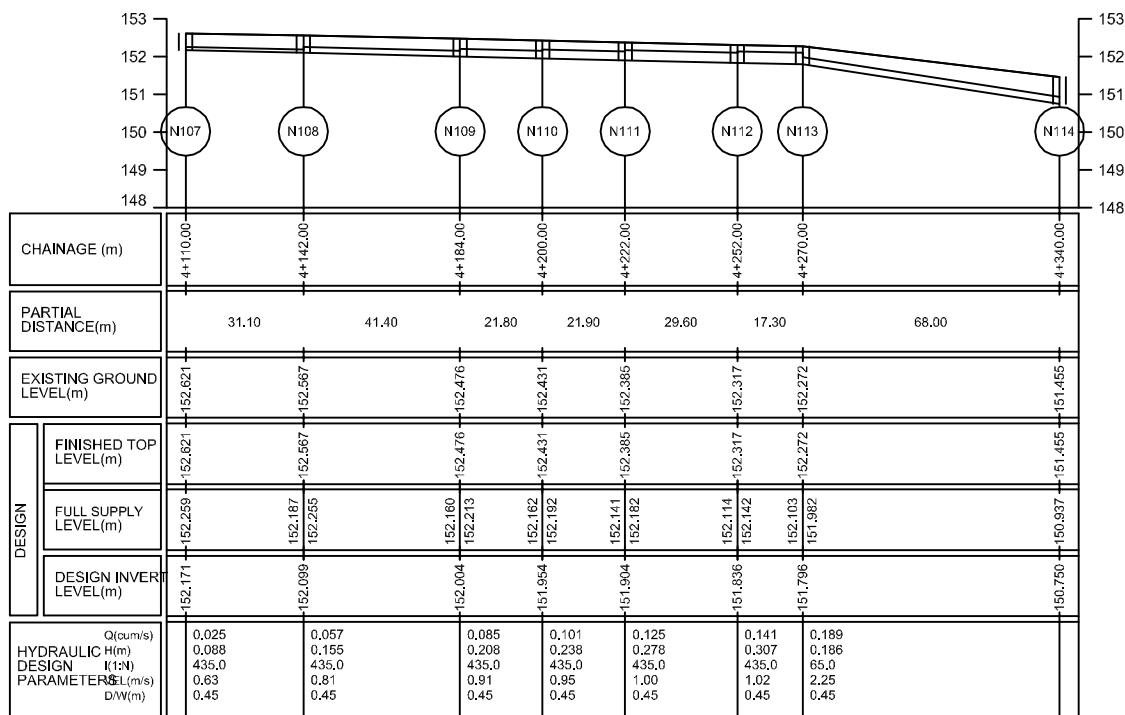
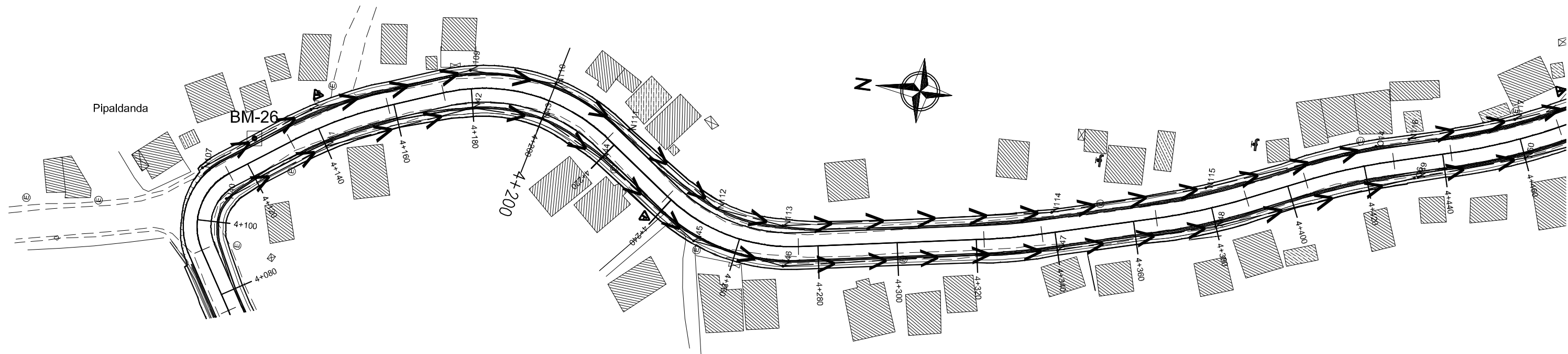
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :

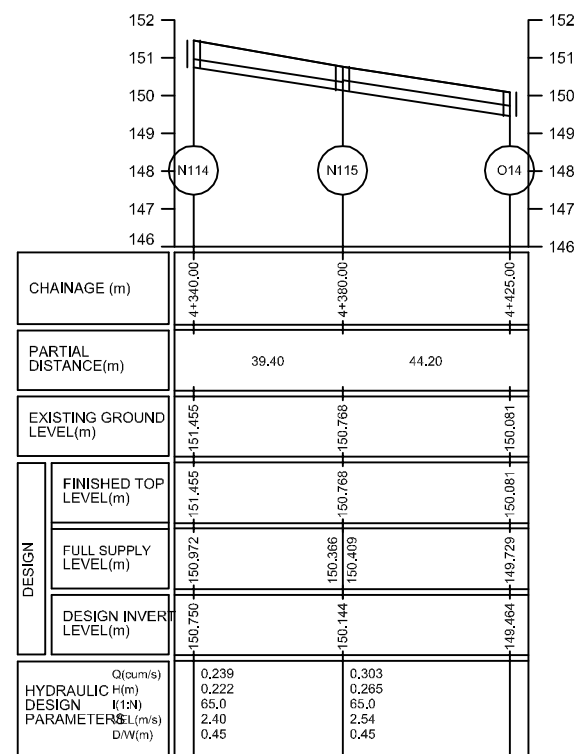


Drain Plan & Profile
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024
DRG NO : SM/DD/PP/06
CHAINAGE : 4+080 to 4+460
SHEET NO : 06/11



BRANCH NUMBER: N107-O14



BRANCH NUMBER: N107-O14



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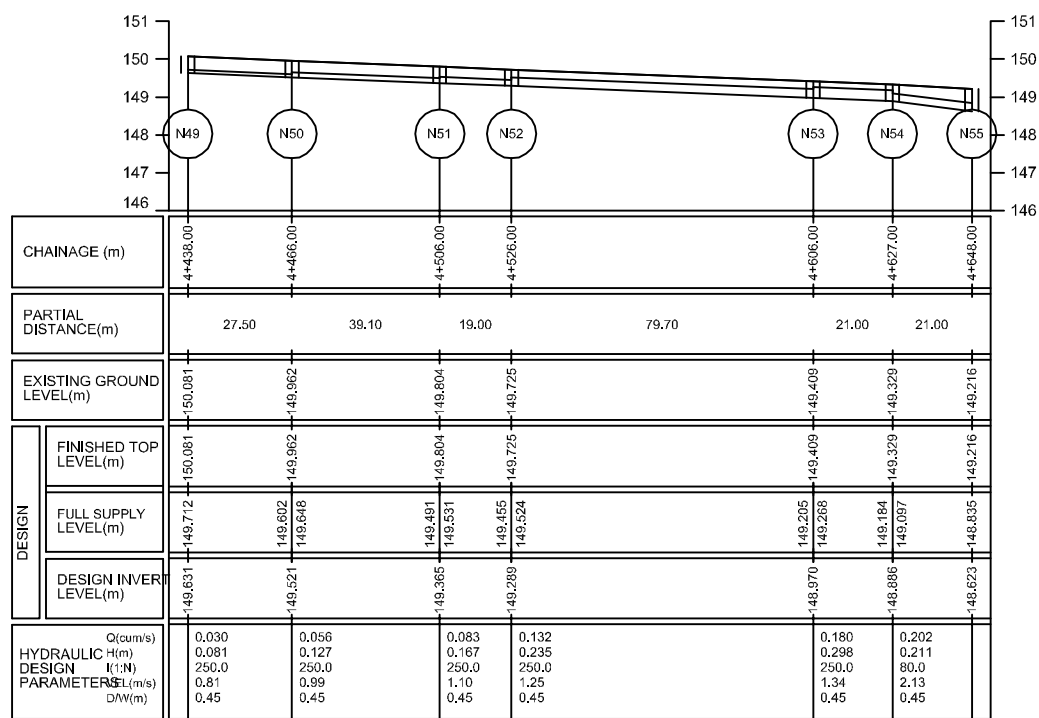
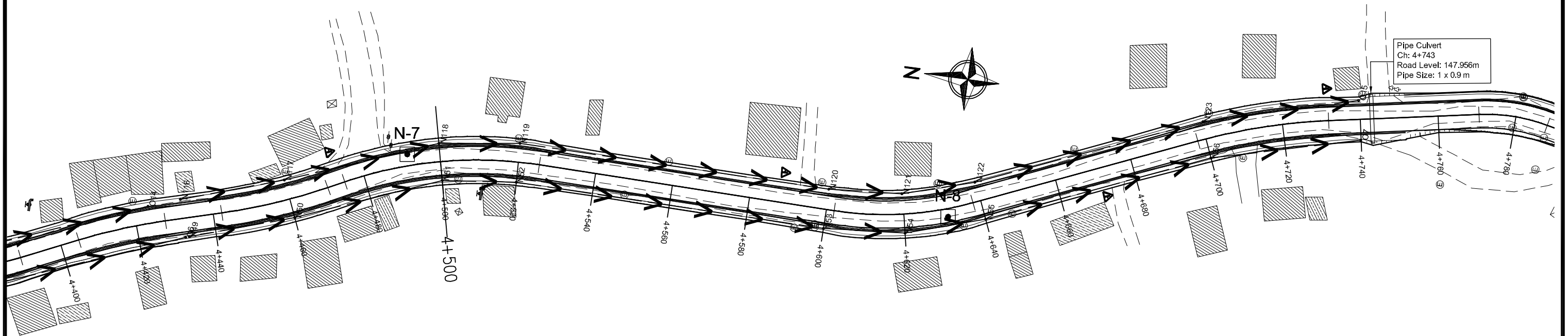
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :

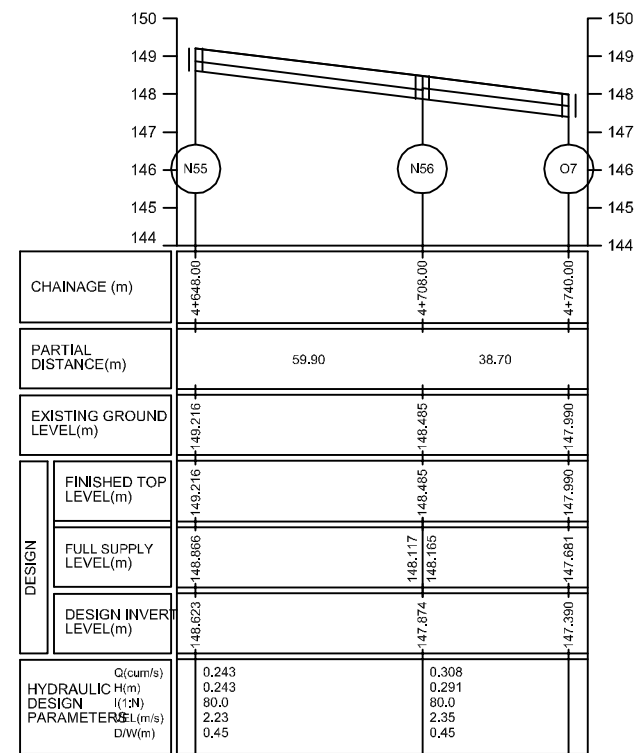
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VERTICAL 1:200

Drain Plan & Profile
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024
DRG NO : SM/DD/PP/07
CHAINAGE : 4+080 to 4+460
SHEET NO : 07/11



BRANCH NUMBER: N49-O7



BRANCH NUMBER: N49-O7

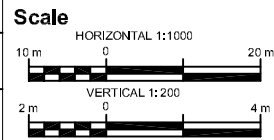


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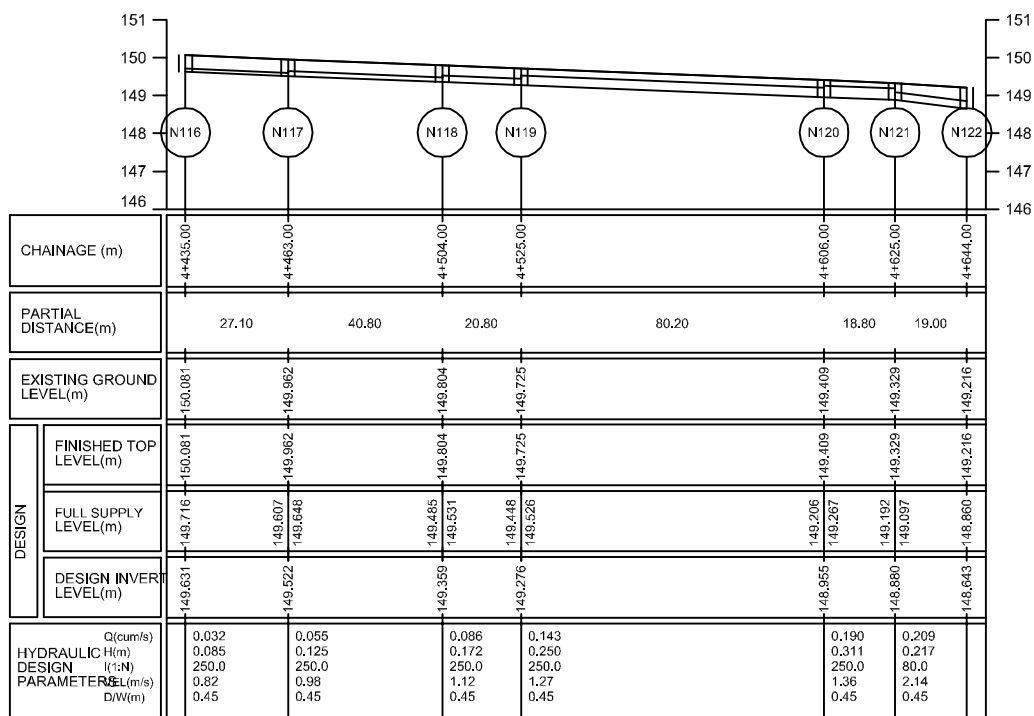
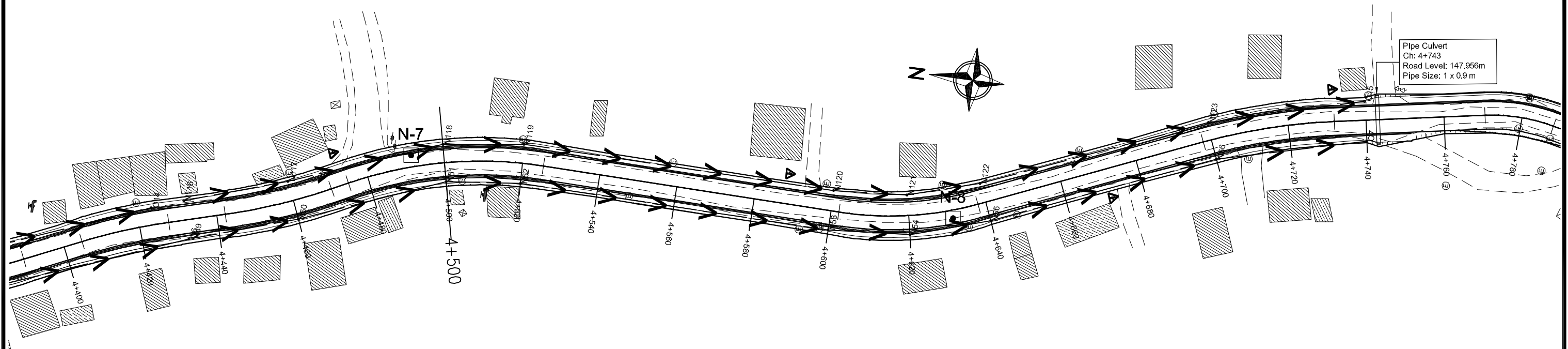
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :

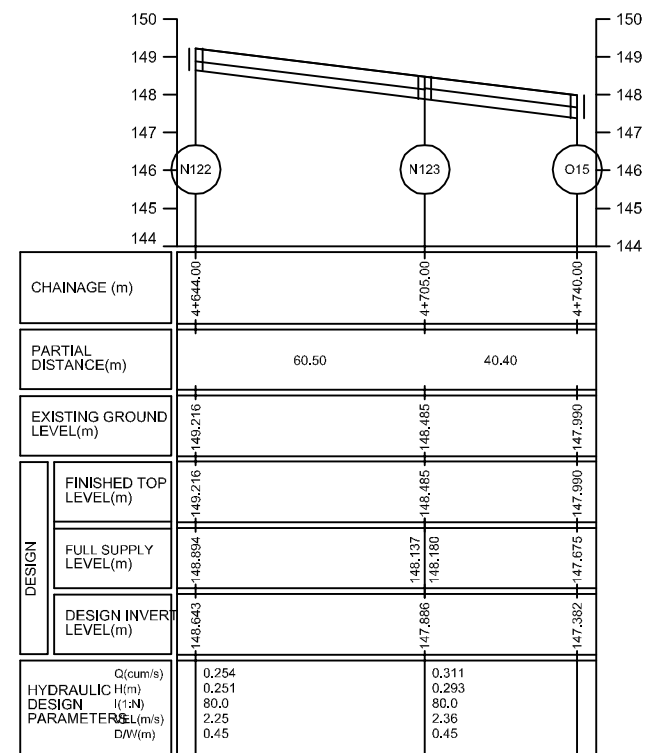


Drain Plan & Profile
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024
DRG NO : SM/DD/PP/08
CHAINAGE : 4+400 to 4+780
SHEET NO : 08/11



BRANCH NUMBER: N116-O15



BRANCH NUMBER: N116-O15



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Tel: 01-4589393

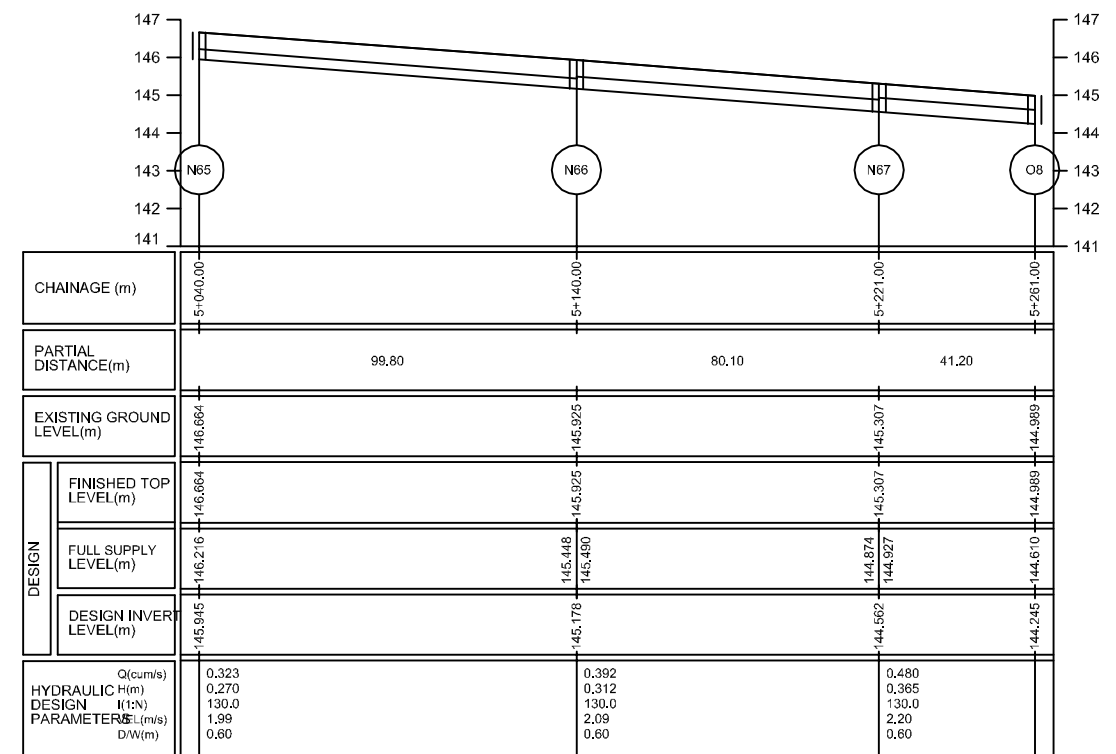
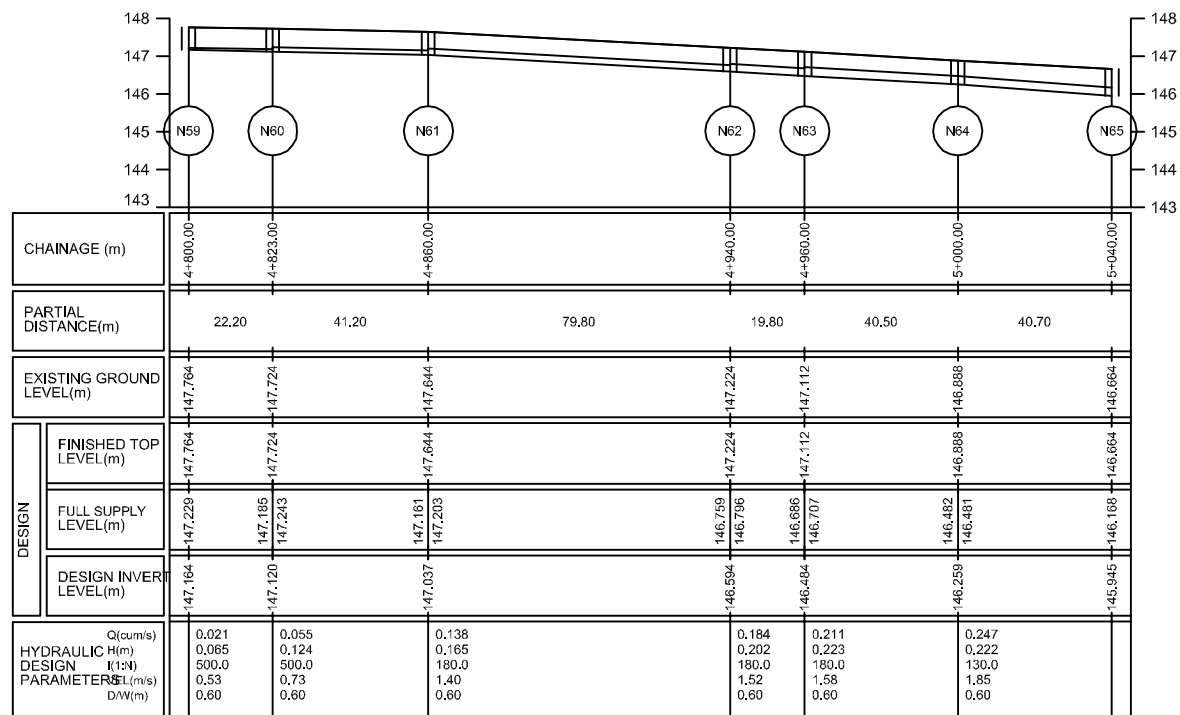
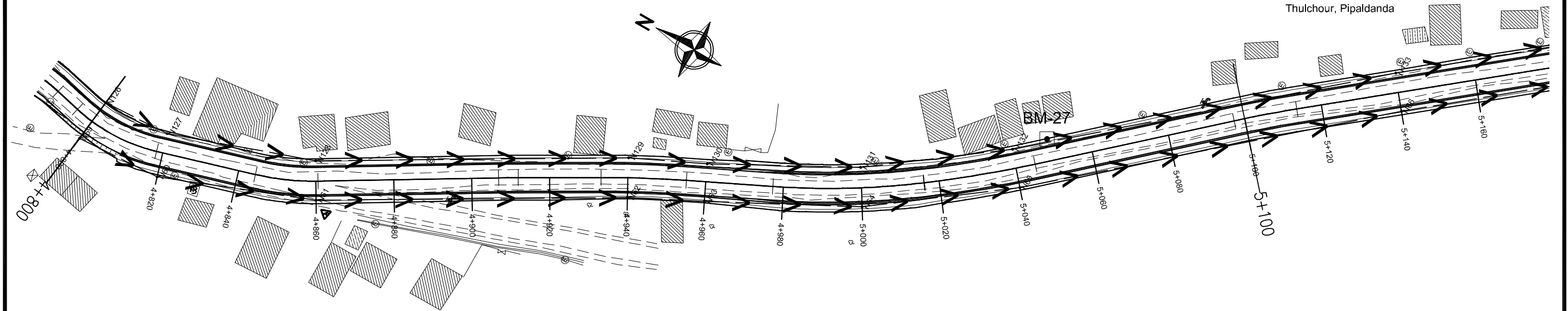
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

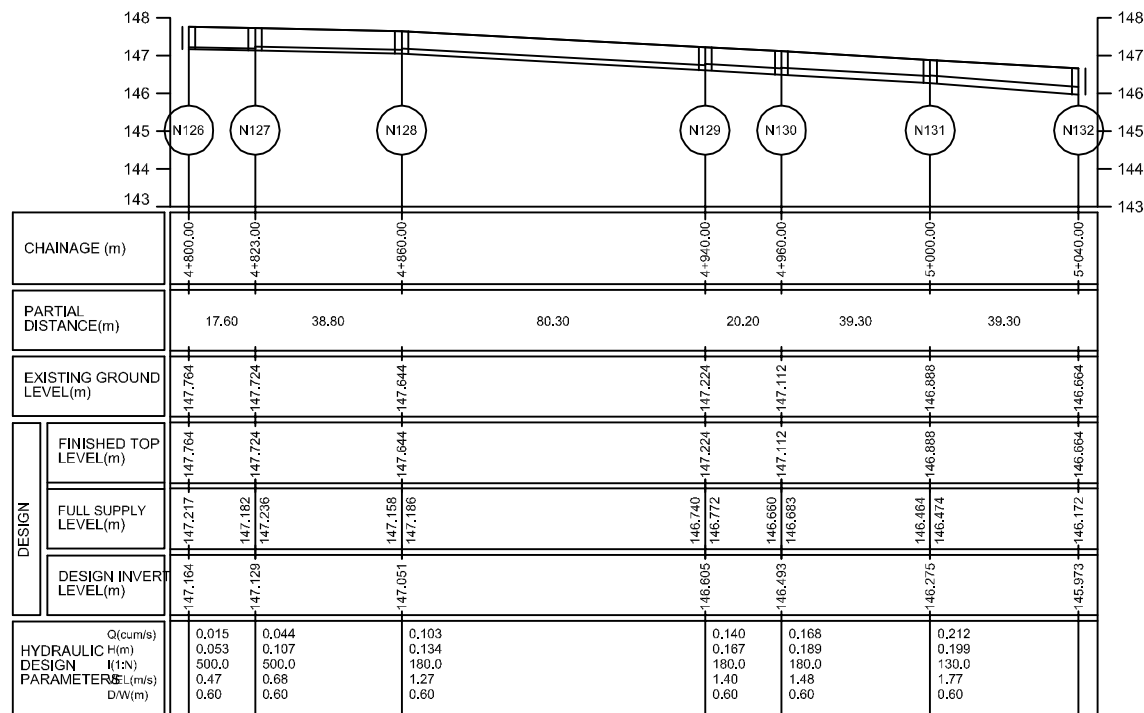
Client
Approved By :
Checked By :

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HORIZONTAL 1:1000
10 m 0 20 m
VERTICAL 1:200
2 m 0 4 m

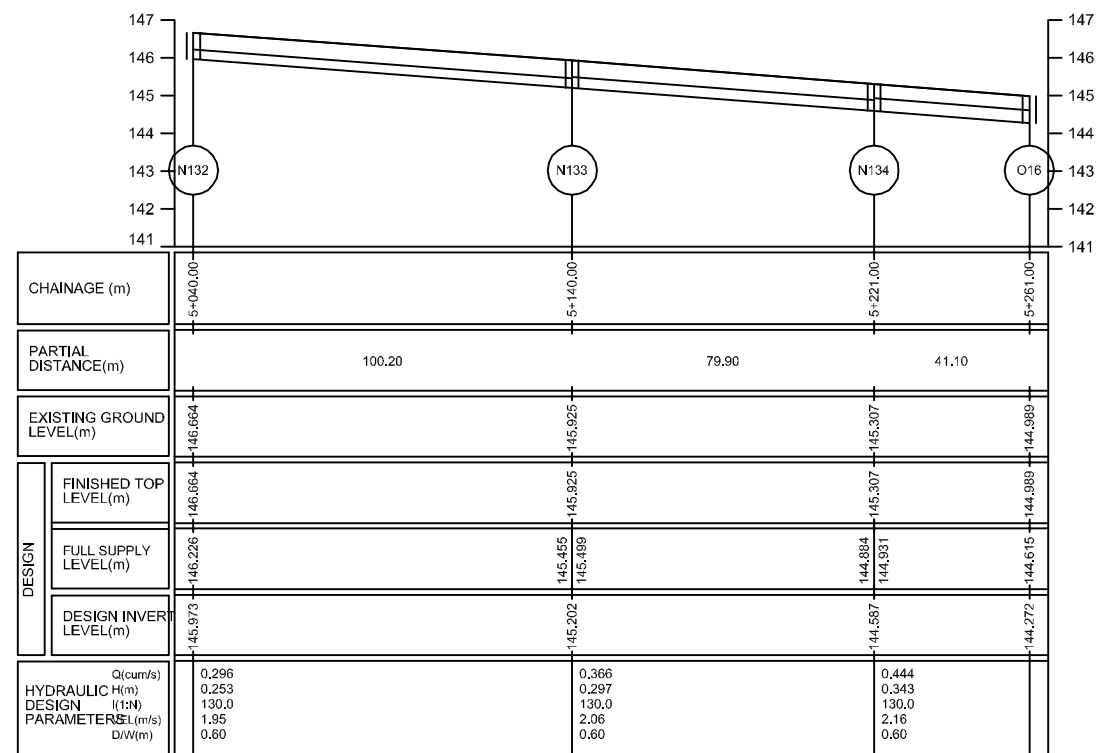
Drain Plan & Profile
SAINAMAINA RINGROAD SALJHANDI
DUIMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024
DRG NO : SM/DD/PP/09
CHAINAGE : 2+400 to 2+700
SHEET NO : 09/11





BRANCH NUMBER: N126-O16



BRANCH NUMBER: N126-O16



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Tel: 01-4589393

Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :

Scale
HORIZONTAL 1:1000
VERTICAL 1:200

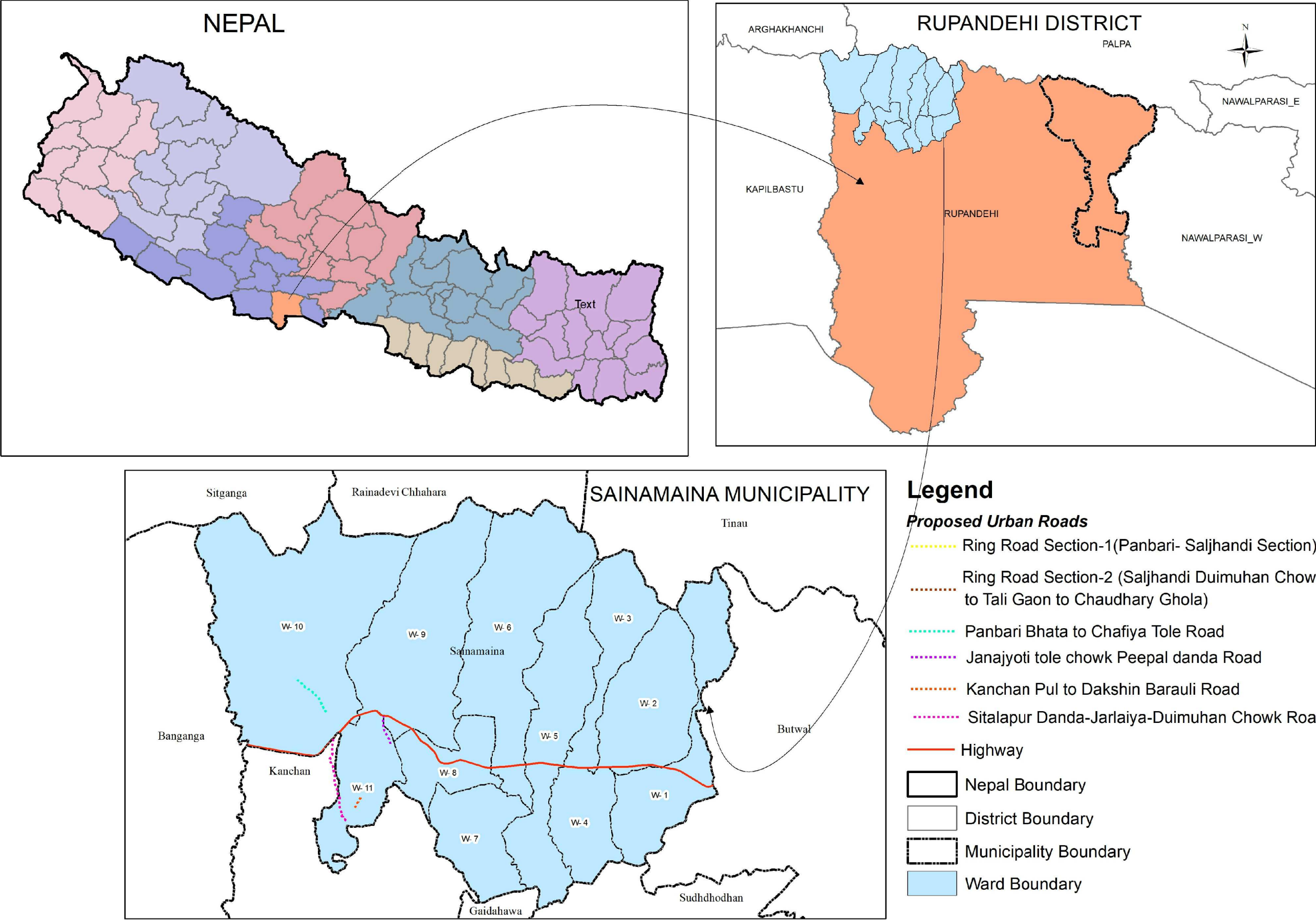
Drain Plan & Profile
SAINAMAINA RINGROAD SALJHANDI
DUMUHAN CHOWK - TALI GAON -
CHAUDHARY GHOLA SECTION
CH: 0+000 - 5+261.16 Km

REV : DEC 2024
DRG NO : SM/DD/PP/11
CHAINAGE : 5+100 to 5+261.16
SHEET NO : 11/11

**4. KANCHAN PUL TO DAKSHIN BARAULI
ROAD**

CH: 0+000 TO CH: 0+450.00

INDEX MAP



Department of Urban Development & Building
Construction (DUDBC)
Regional Urban Development Project (RUDP)
Project Coordination Office
Babarmahal, Kathmandu, Nepal

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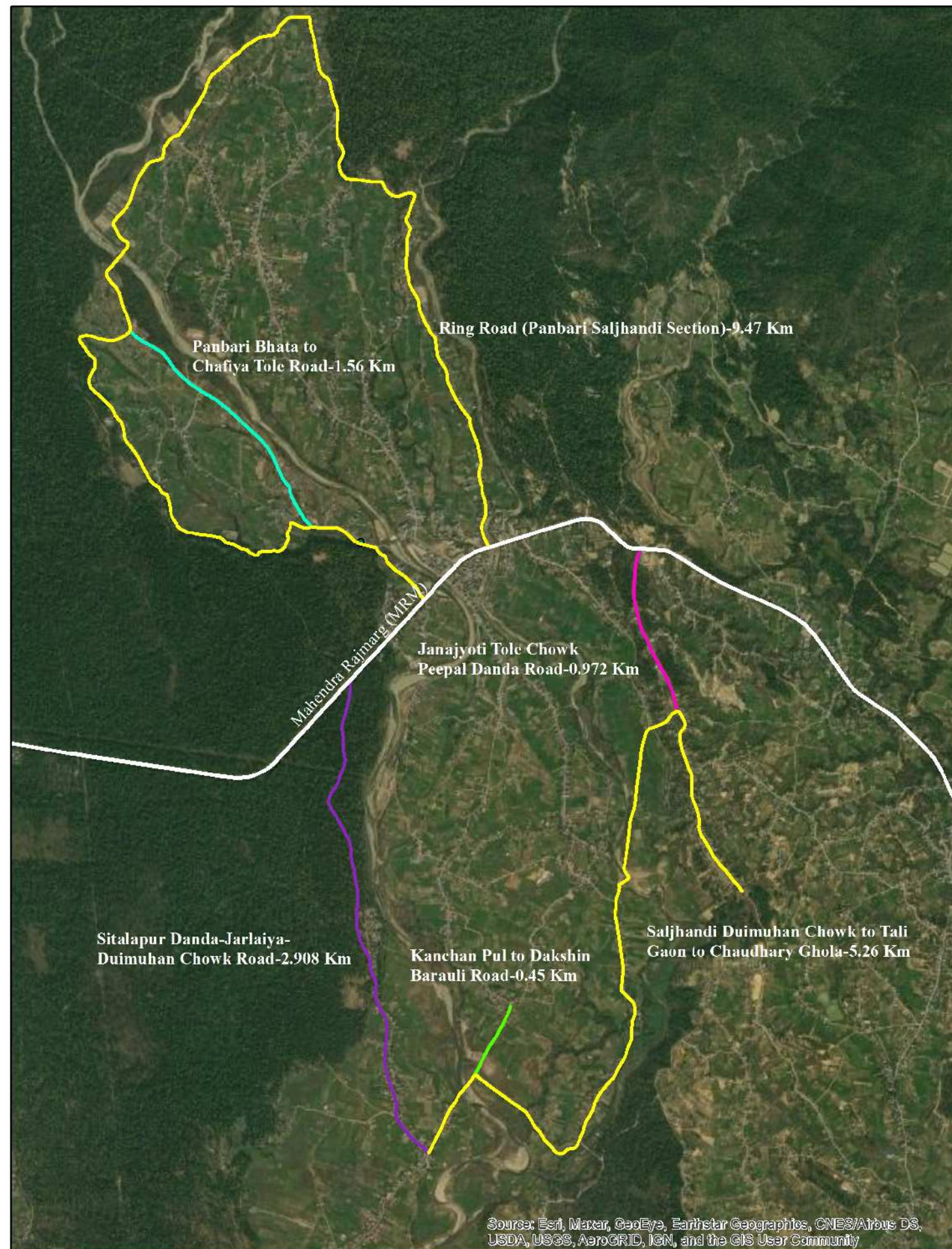
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : SABIN BAJRACHARYA

Client
Approved By :
Checked By :

Scale
NOT IN SCALE

**INDEX MAP OF SAINAMAINA
MUNICIPALITY**

REV : DEC 2024
TITLE : INDEX MAP
DRG NO : SIM/RD/IM/01
SHEET NO : 01/01



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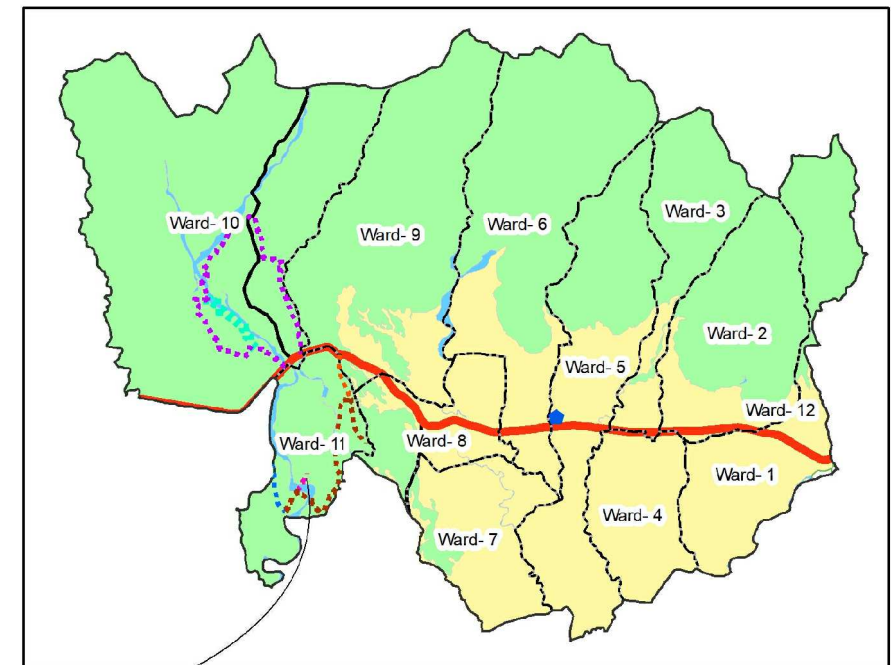
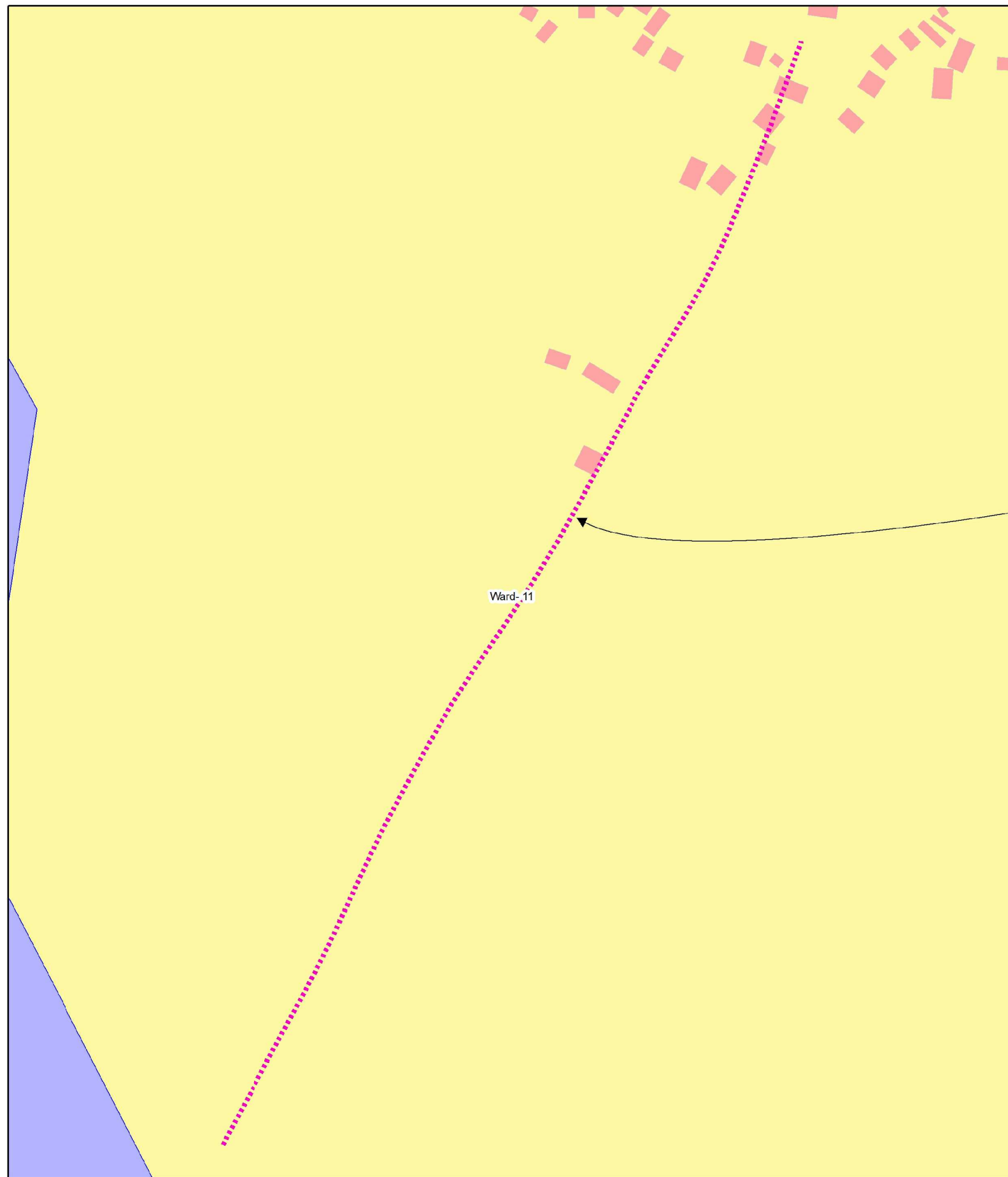
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : SABIN BAJRACHARYA

Client
Approved By :
Checked By :

Scale
NOT IN SCALE

SATELLITE MAP OF SAINAMAINA MUNICIPALITY

REV	: DEC 2024
TITLE	: SATELLITE MAP
DRG NO	: SM/RD/IM/01
SHEET NO	: 01/01



Legend

- Settlement
- ◆ Sainamaina_Municipality

Ward

Landuse

- Built-up
- Forest
- Cultivation
- Barren Land
- Orchard
- Taal
- Tree Cluster
- River
- Sand Area

Proposed Urban Roads

- Sainamaina Ring Road Panbari Saljhandi Section
- Sainamaina Ring Road (Saljhandi Duimuhan Chowk to Tali Gaon to Chaudhary Ghola)
- Panbari Bhata to Chafiya Tole Road
- Janajyoti tole chowk Peepal danda Road
- Kanchan Pul to Dakshin Barauli Road
- Sitalapur Danda-Jarlaiya-Duimuhan Chowk Road



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Mid- Baneshwor, Kathmandu
Tel: 01-4589393

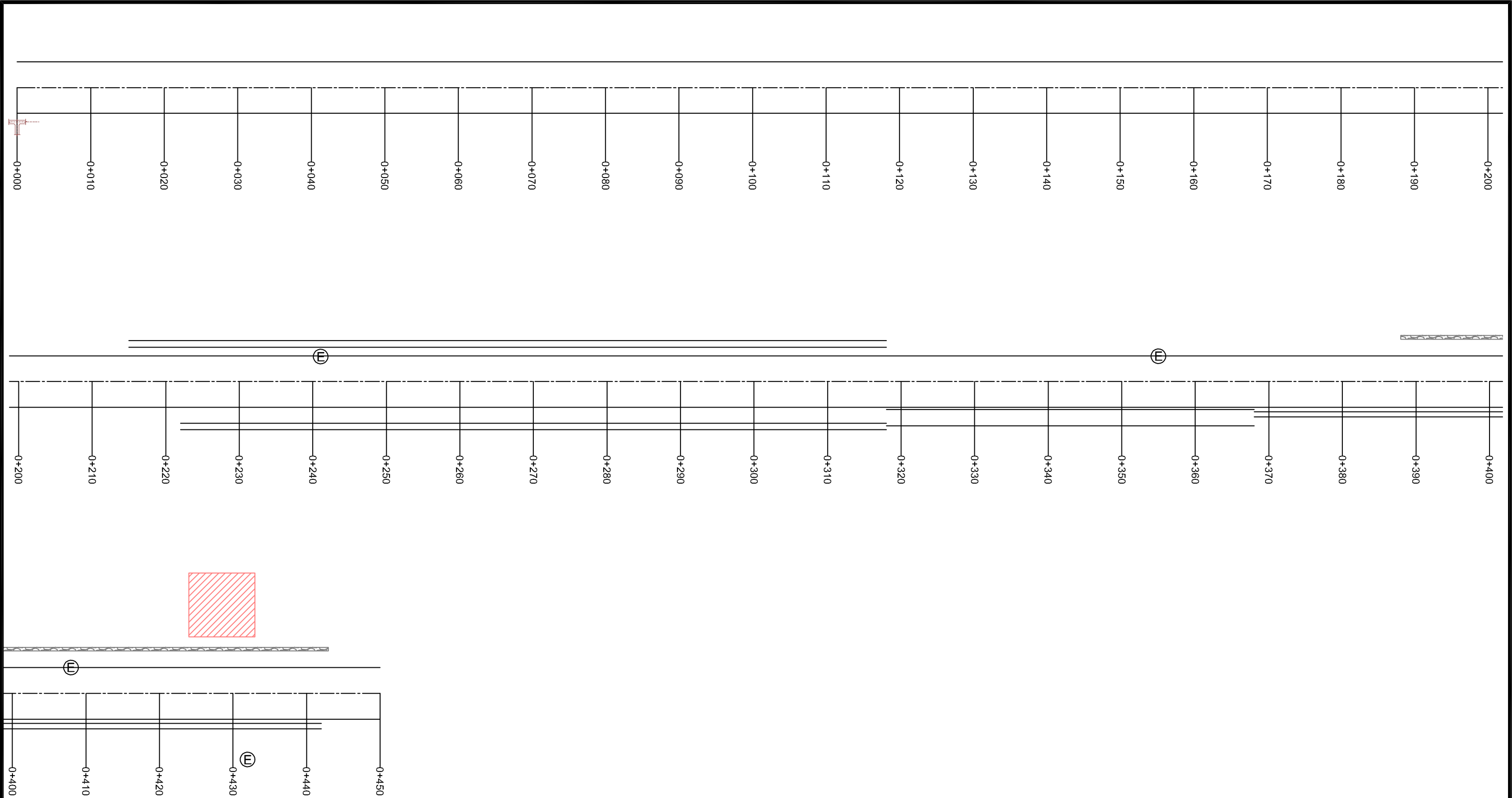
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :

Scale
NOT IN SCALE

**LOCATION MAP
OF
KANCHAN PUL TO DAKSHIN BARAULI
ROAD**

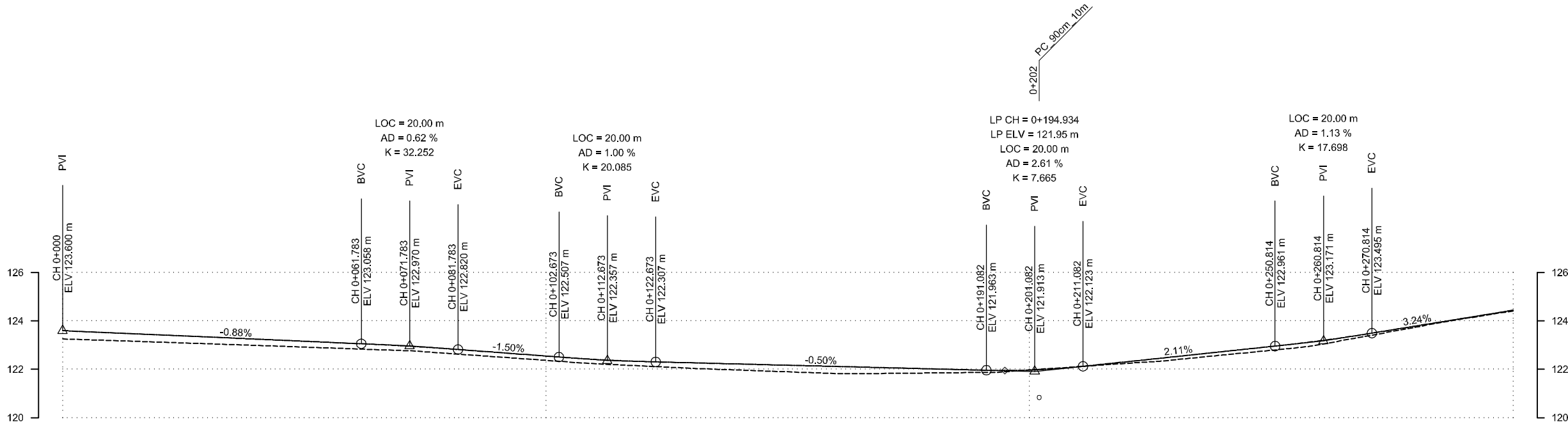
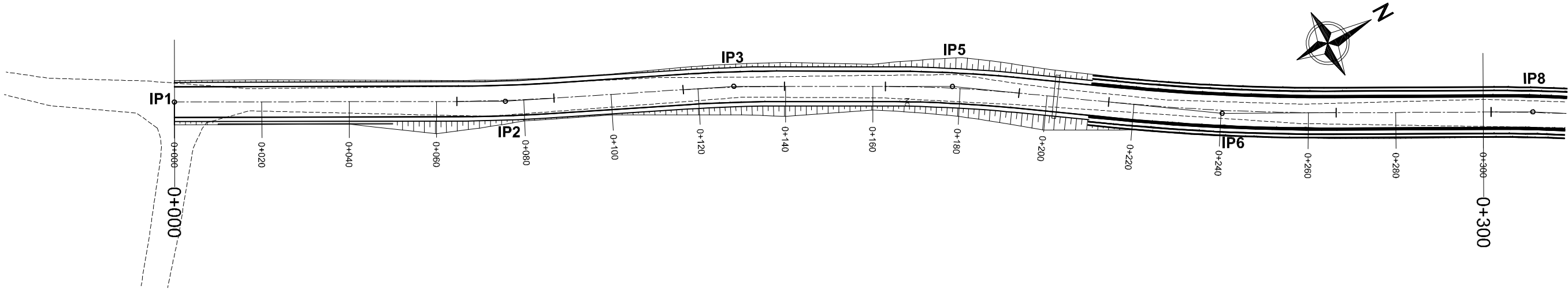
REV : DEC 2024
TITLE : LOCATION MAP
DRG NO : SM/RD/LM/01
SHEET NO : 01/01



S.No	Description	Symbols
01	ACCESS_ROAD_LEFT	
02	ACCESS_ROAD_RIGHT	
03	MASONRY_STONE_WALL	
04	ELECTRIC_POLE	
05	CANAL	
06	HOUSE	

P. No.	COORDINATES(m)		WCS (DMS)	DIST. (m)	DEF. ANG. (DMS)	TAN LEN. (m)	SIMPLE CURVE DATA				CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP	
1	427706.355	306207.981	28-24-3.34	0.000	00-00-0.20	0.000	0.000	0.000	0.000	0+000.000	0+000.000	0+000.000	0+000.000	0+000.000 0+075.781 0+128.180 0+193.806 0+240.257 0+311.554 0+320.971
2	427742.403	306214.843	24-45-51.93	75.784	03-38-37.41	11.133	350.000	0.177	22.258	0+064.651	0+075.781	0+088.910	0+075.784	
3	427764.352	3062102.233	28-33-54.16	52.408	03-48-22.23	11.630	350.000	0.193	23.251	0+116.555	0+128.180	0+139.806	0+128.185	
4	427766.285	3062238.201	34-13-35.57	50.082	05-30-41.41	13.328	310.000	0.279	30.932	0+162.909	0+175.225	0+189.544	0+178.238	
5	427763.200	3062287.523	28-15-15.30	62.668	05-06-20.27	20.083	500.000	0.680	52.118	0+214.196	0+240.257	0+265.316	0+240.261	
6	427856.889	3062350.189	31-22-58.49	71.123	03-07-44.19	9.559	350.000	0.131	18.114	0+301.797	0+311.554	0+320.971	0+320.971	
7														
8														

DESIGN LEVEL(m)	123.600123.425123.249123.073122.846122.547122.322122.220122.119122.019121.970122.311122.733123.178123.792124.440															
EXISTING LEVEL(m)	123.258123.124122.990122.849122.654122.370122.138121.969121.825121.851121.972122.247122.592123.024123.747124.414															
CHAINAGE(Km)	0+0000+0200+0400+0600+0800+1000+1200+1400+1600+1800+2000+2200+2400+2600+2800+300															
HORIZONTAL SCHEMATIC	L=64.651 L = 22.258 R = 350 L=29.645 L = 23.251 R = 350 L=23.104 L = 30.632 R = 310 L=20.657 L = 52.118 R = 500 L=33.684															
SUPER ELEVATION SCHEMATIC	0+000 SE:2.5% 0+300															
CUT/FILL (m)	0.3430.3000.2590.2240.1920.1770.1840.2510.2950.168-0.0010.0640.1410.1540.0450.025															

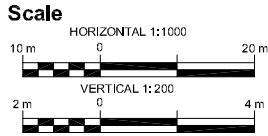


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Tel: 01- 4589393

Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

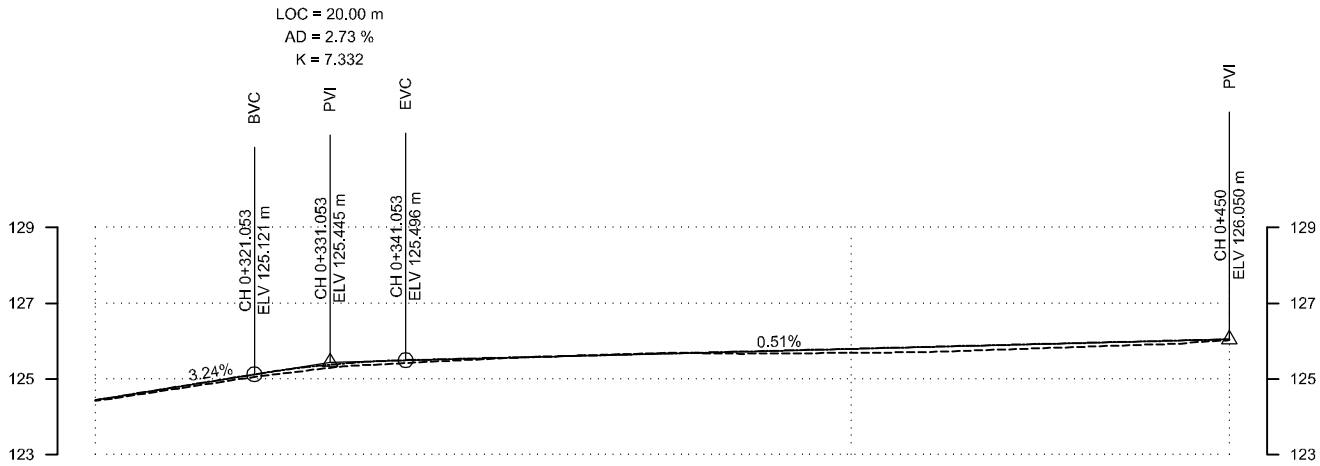
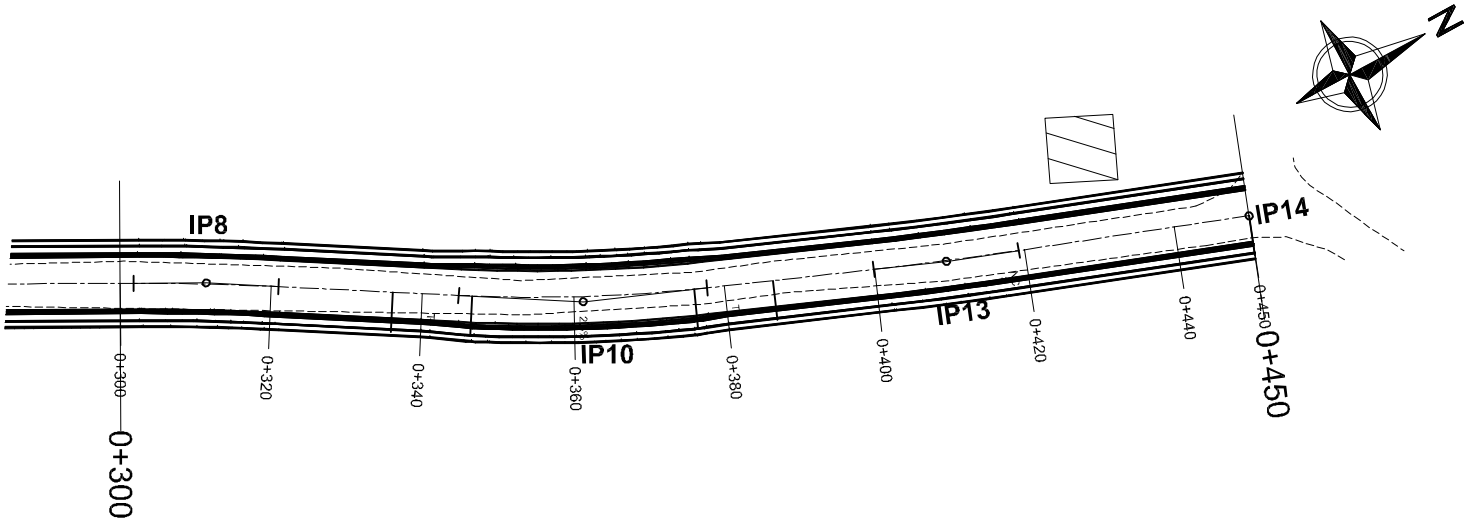
Client
Approved By :
Checked By :



Plan & Profile
KANCHAN PUL TO DAKSHIN BARAULI ROAD
CH: 0+000 - 0+450 Km

REV : DEC 2024
DRG NO : SM/RD/PP/01
CHAINAGE : 0+000 to 0+300
SHEET NO : 01/02

IP No.	CO-ORDINATES(m)		WCB (D+MS)	DIST. (m)	DEF. ANG. (D+MS)	TAN LEN (m)	SIMPLE CURVE DATA				CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP	
8	42786.869	306250.169	31422.5949	71.123	03-0744.19	9.559	350.000	0.131	19.114	0+301.797	0+311.354	0+320.511	0+311.356	
10	42786.887	3062392.797	2241423.33	49.972	08-1156.16	16.482	205.000	0.862	32.893	0+344.791	0+361.238	0+377.884	0+361.273	
13	42790.117	3062437.533	19486.1510	48.324	02-1346.23	9.683	500.000	0.894	19.364	0+399.844	0+409.526	0+419.208	0+409.527	



DESIGN LEVEL(m)	124.440	125.087	125.489	125.592	125.694	125.796	125.897	125.999	126.050
EXISTING LEVEL(m)	124.414	125.023	125.409	125.590	125.682	125.690	125.776	125.911	126.022
CHAINAGE(Km)	0+300	0+320	0+340	0+360	0+380	0+400	0+420	0+440	0+450
HORIZONTAL SCHEMATIC									
SUPER ELEVATION SCHEMATIC									
CUT/FILL (m)	0.025	0.064	0.081	0.002	0.011	0.106	0.121	0.088	0.028

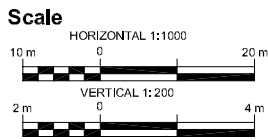


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Tel: 01- 4589393

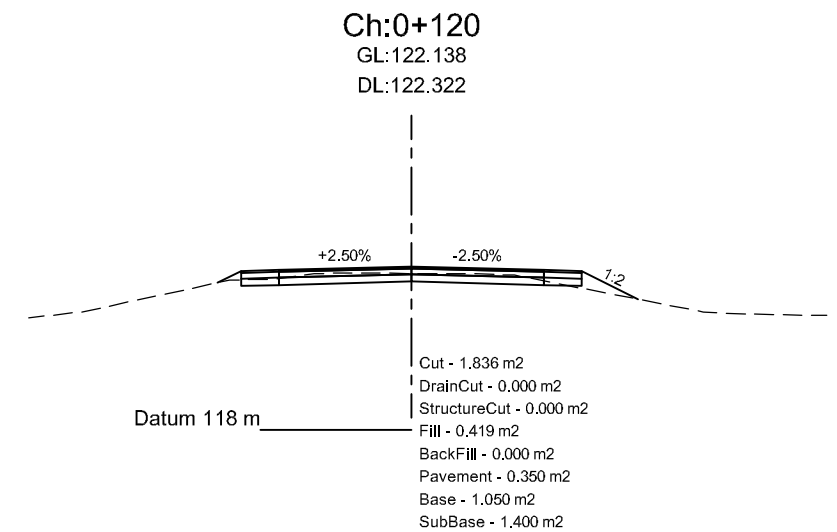
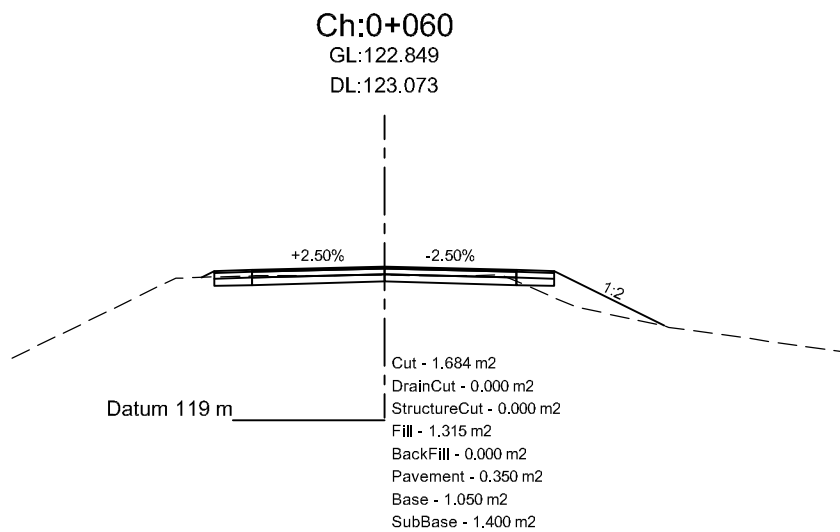
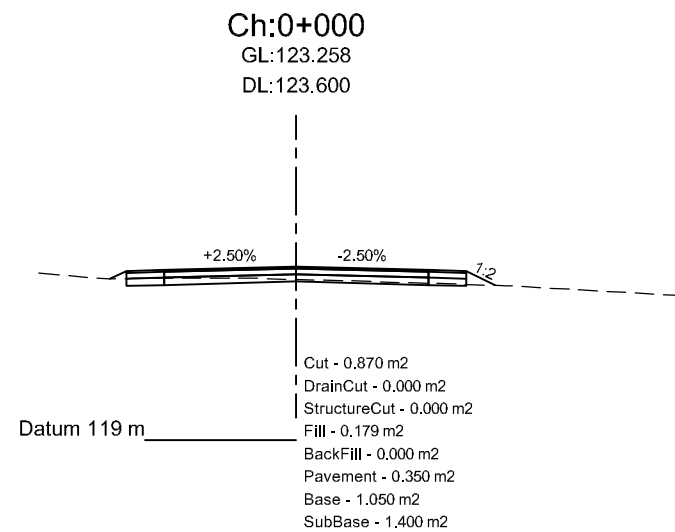
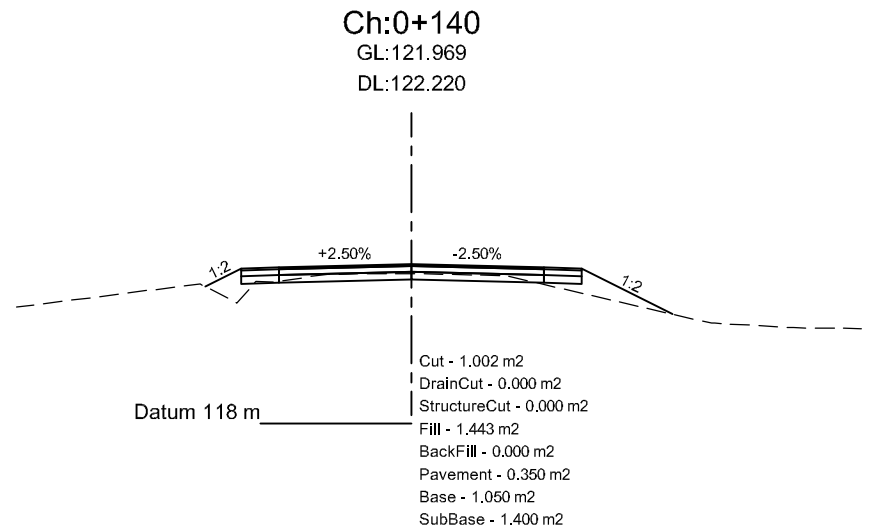
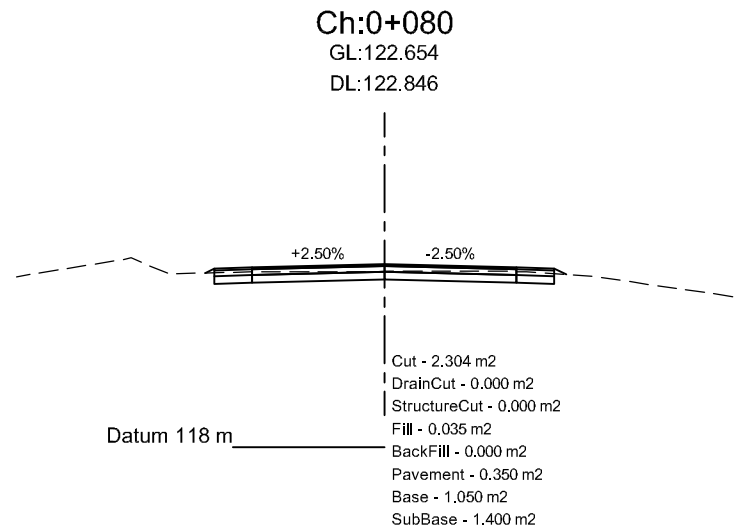
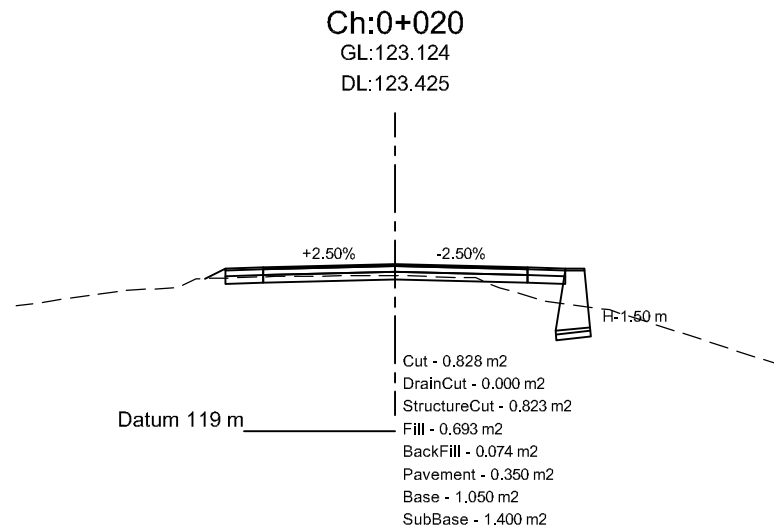
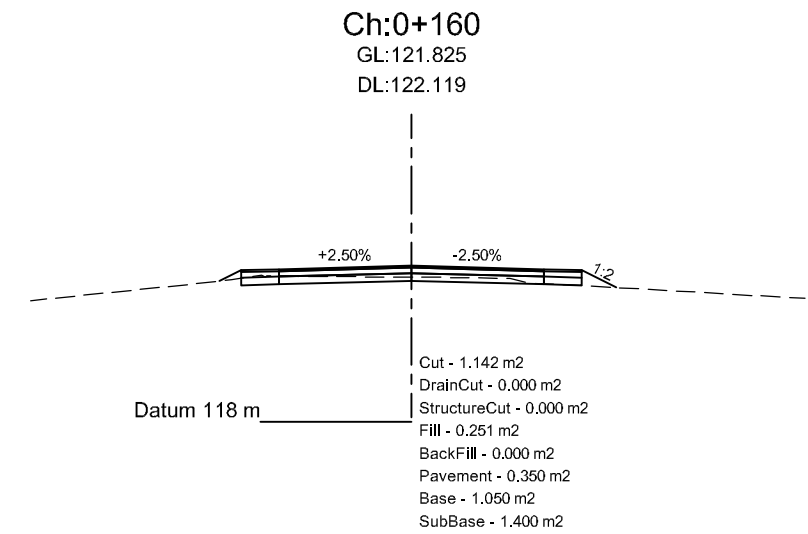
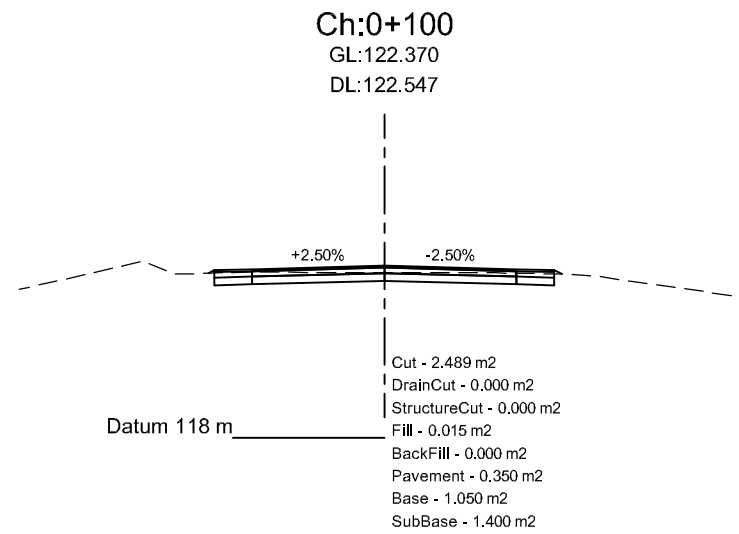
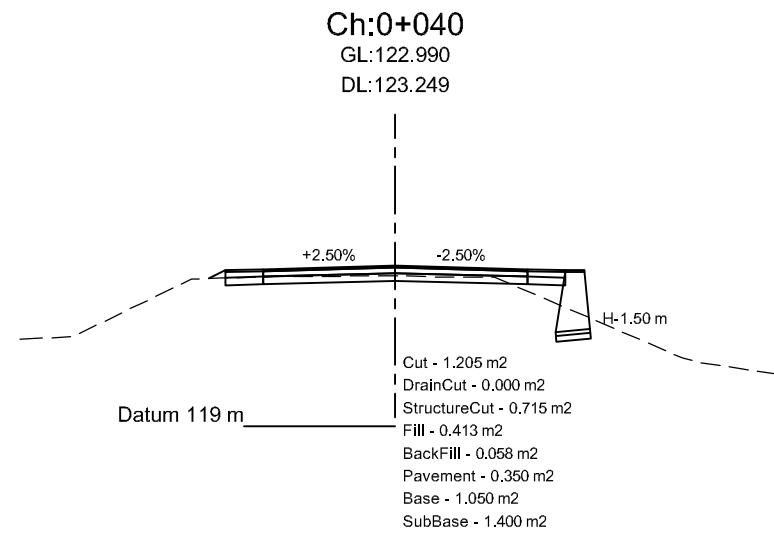
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Plan & Profile
KANCHAN PUL TO DAKSHIN
BARAULI ROAD
CH: 0+000 - 0+450 Km

REV : DEC 2024
DRG NO : SM/RD/PP/02
CHAINAGE : 0+300 to 0+450
SHEET NO : 02/02



Department of Urban Development & Building
Construction (DUDBC)
Regional Urban Development Project (RUDP)
Project Coordination Office
Babarmahal, Kathmandu, Nepal

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DIGICON (P.) Ltd.
Mid-Baneshwor, Kathmandu
Tel: 01- 4589393

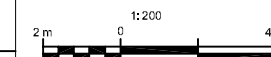
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client

Approved By :

Checked By :

Scale



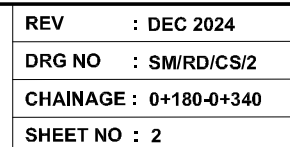
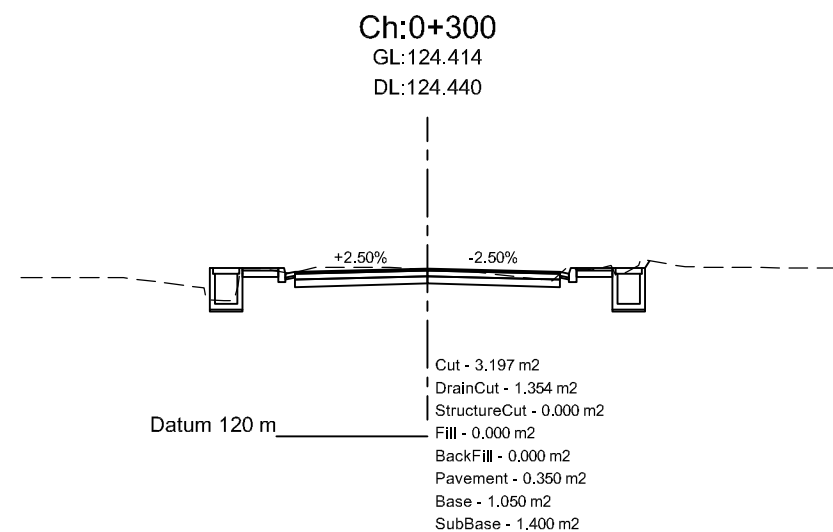
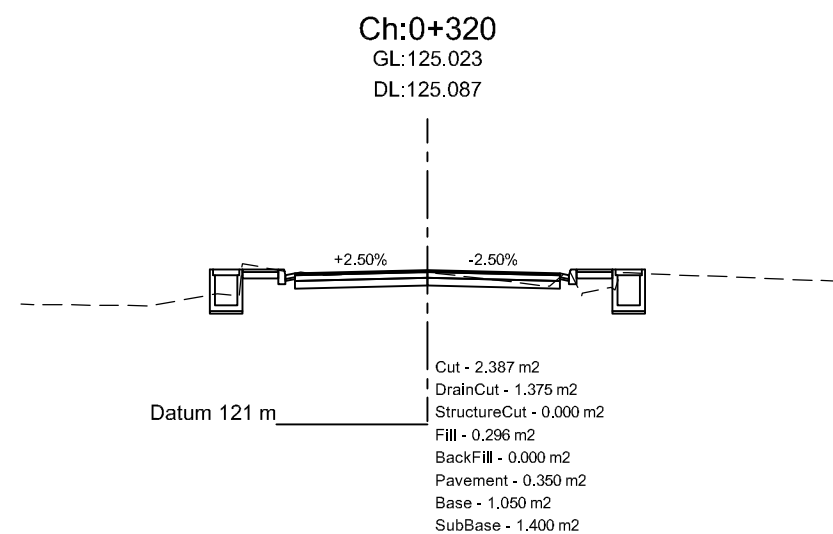
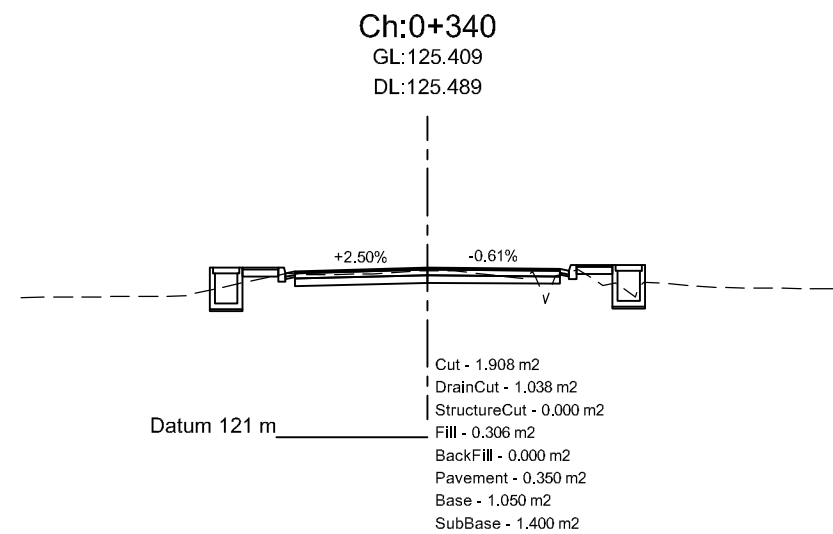
Cross-Section
KANCHAN PUL TO DAKSHIN
BARAULI ROAD
CH: 0+000 - 0+450 Km

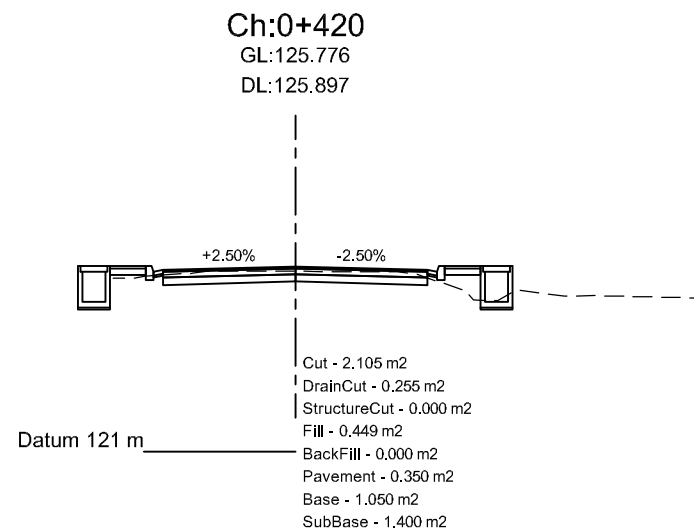
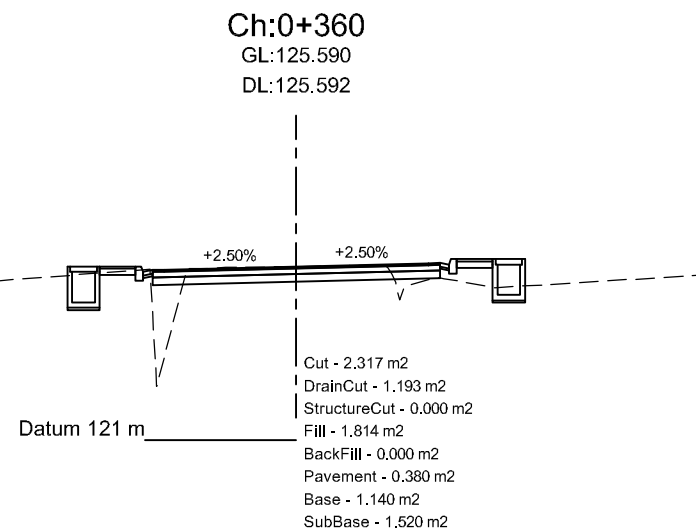
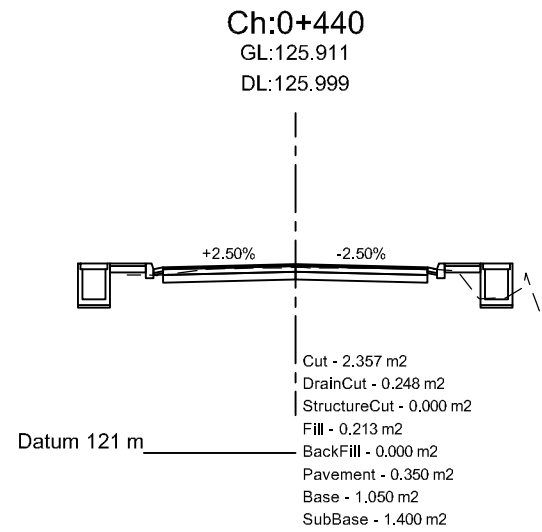
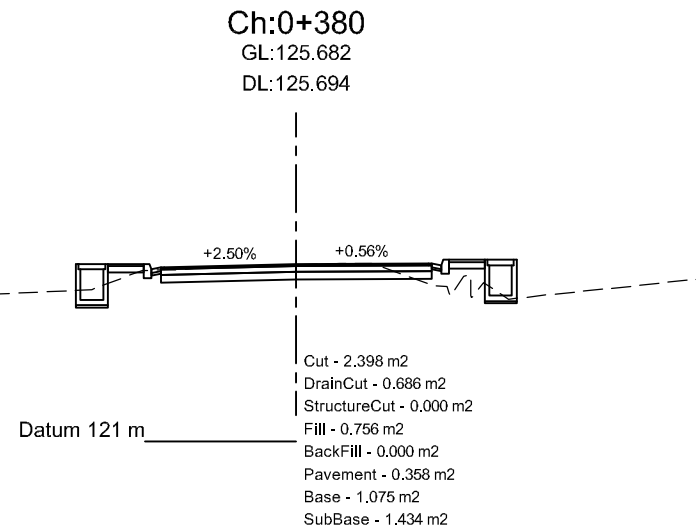
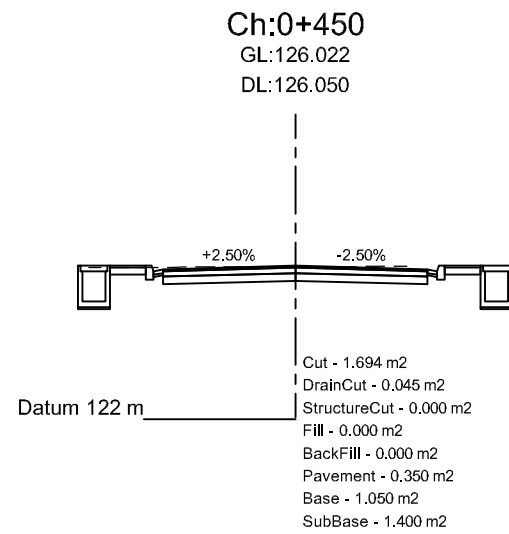
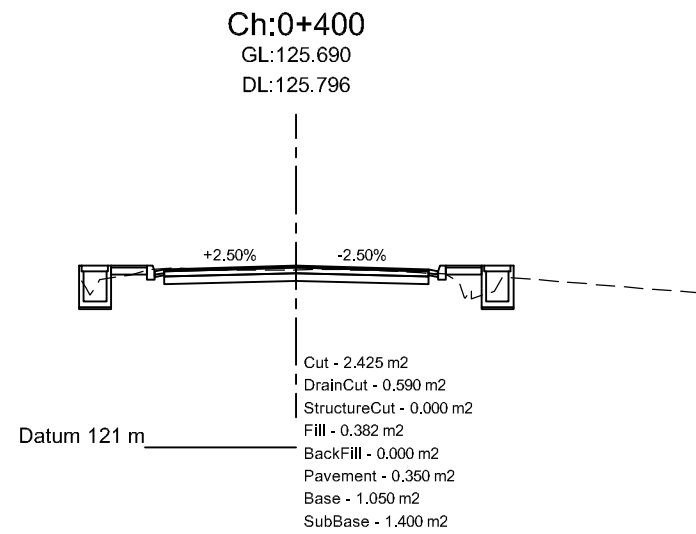
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DRG NO : SM/RD/CS/1

CHAINAGE : 0+000-0+160

SHEET NO : 1



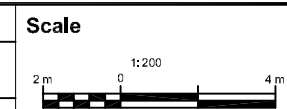


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Team Leader : YOO CHANGMIN
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Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :

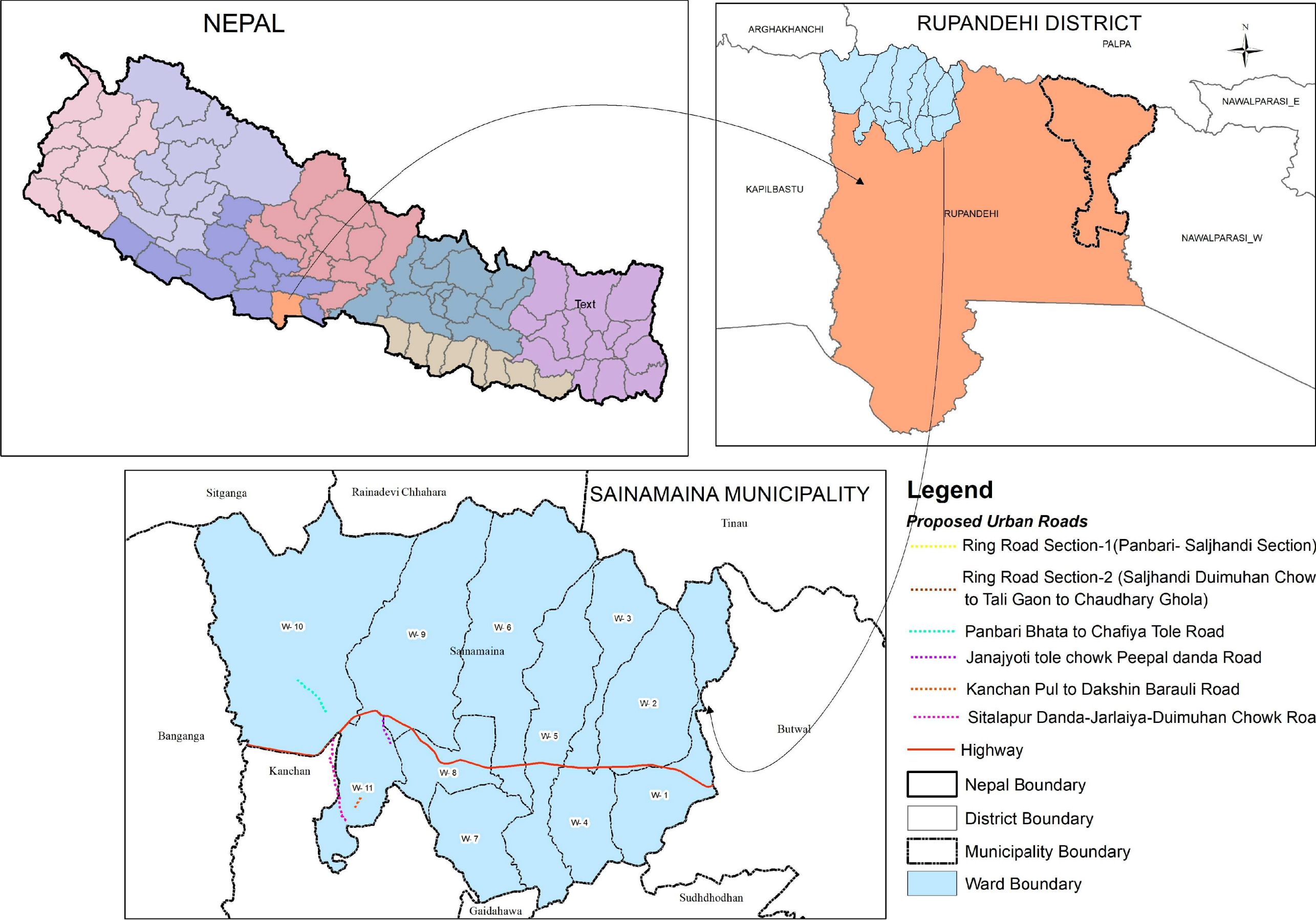


Cross-Section
KANCHAN PUL TO DAKSHIN
BARAULI ROAD
CH: 0+000 - 0+450 Km

REV : DEC 2024
DRG NO : SM/RD/CS/3
CHAINAGE : 0+360-0+450
SHEET NO : 3

**5. SITALAPUR DANDA – JARLAIYA –
DUIMUHAN CHOWK ROAD
CH: 0+000 TO CH: 2+907.79**

INDEX MAP



Department of Urban Development & Building
Construction (DUDBC)
Regional Urban Development Project (RUDP)
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Designed By : SABIN BAJRACHARYA

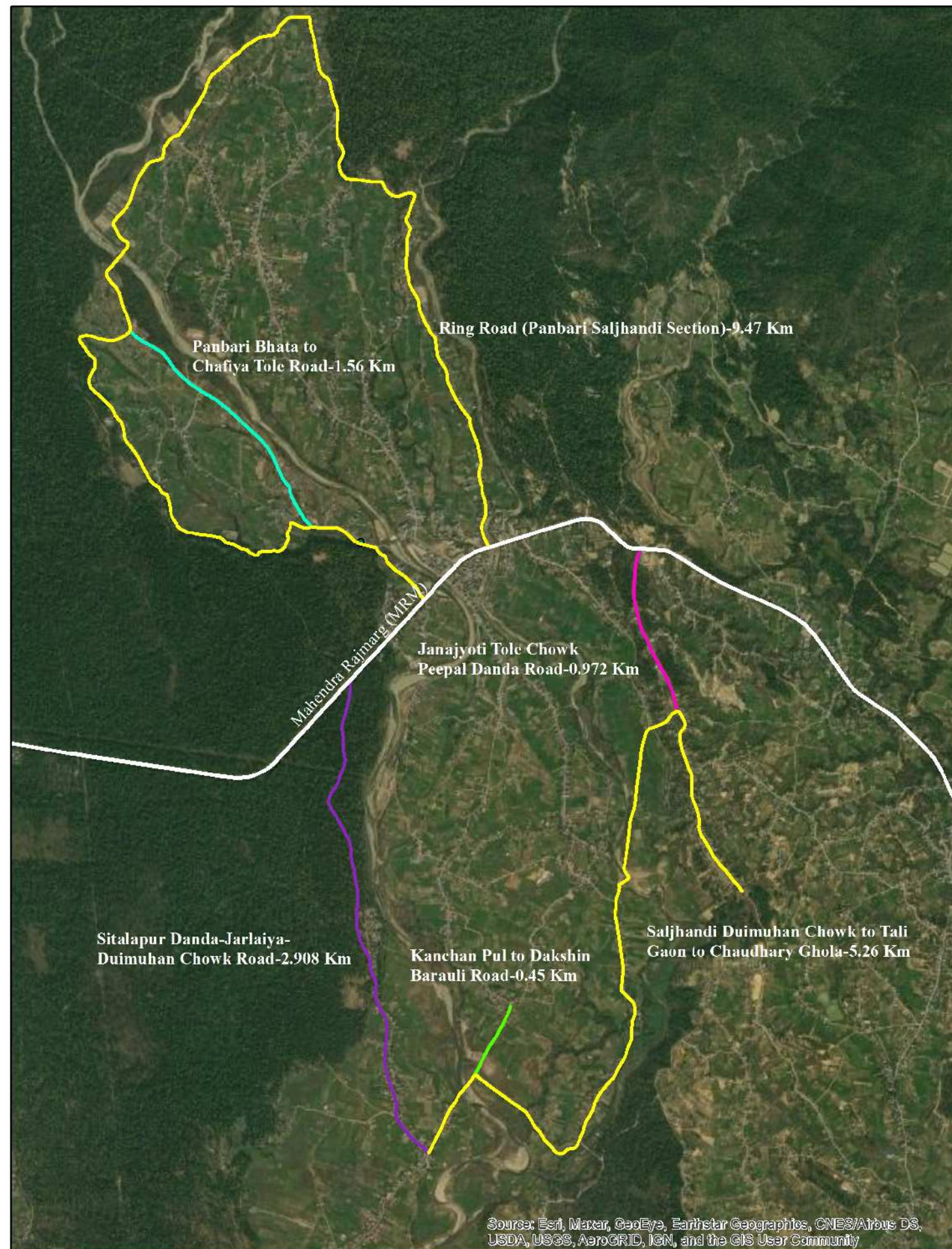
Client
Approved By :
Checked By :

Scale

NOT IN SCALE

**INDEX MAP OF SAINAMAINA
MUNICIPALITY**

REV : DEC 2024
TITLE : INDEX MAP
DRG NO : SIM/RD/IM/01
SHEET NO : 01/01



Department of Urban Development & Building
Construction (DUDBC)
Regional Urban Development Project (RUDP)
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Tel: 01-4589393

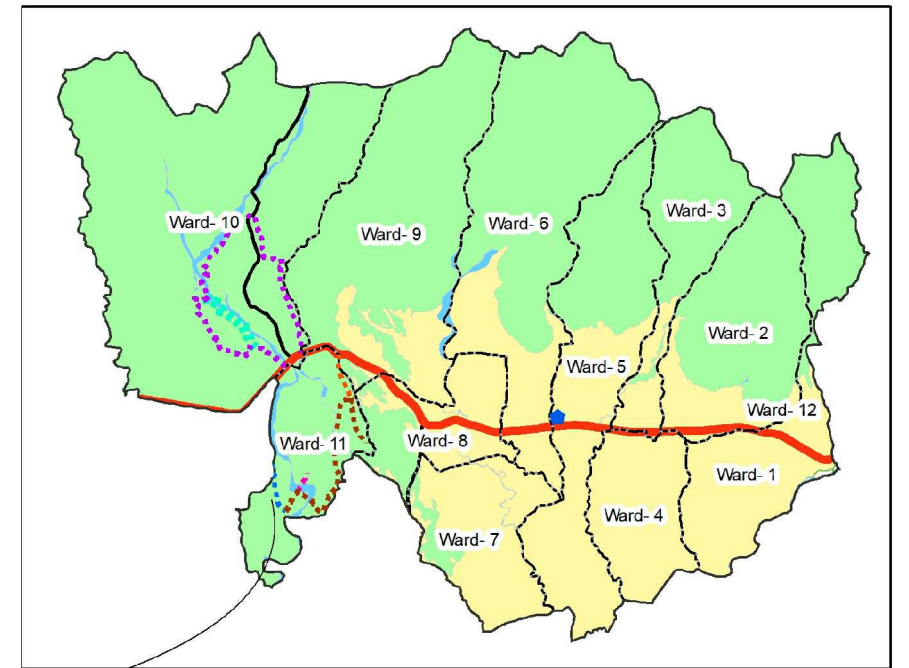
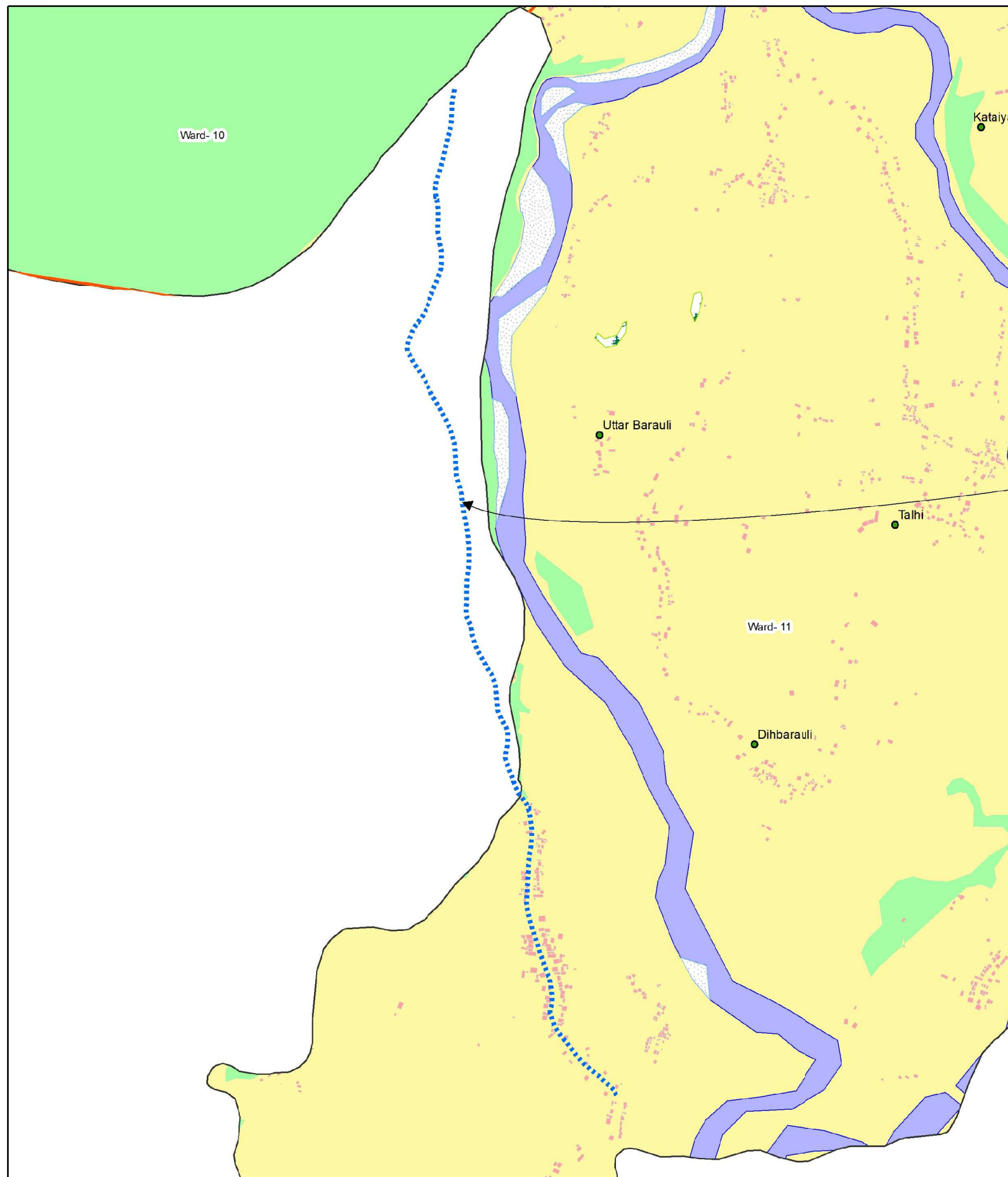
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : SABIN BAJRACHARYA

Client
Approved By :
Checked By :

Scale
NOT IN SCALE

SATELLITE MAP OF SAINAMAINA MUNICIPALITY

REV	: DEC 2024
TITLE	: SATELLITE MAP
DRG NO	: SM/RD/IM/01
SHEET NO	: 01/01



Legend

- Settlement
- ◆ Sainamaina_Municipality

Ward

Landuse

- Built-up
- Forest
- Cultivation
- Barren Land
- Orchard
- Taal
- Tree Cluster
- River
- Sand Area

Proposed Urban Roads

- Sainamaina Ring Road Panbari Saljhandi Section
- Sainamaina Ring Road (Saljhandi Duimuhan Chowk to Tali Gaon to Chaudhary Ghola)
- Panbari Bhata to Chafiya Tole Road
- Janajyoti tole chowk Peepal danda Road
- Kanchan Pul to Dakshin Barauli Road
- Sitalapur Danda-Jarlaiya-Duimuhan Chowk Road



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Tel: 01-4589393

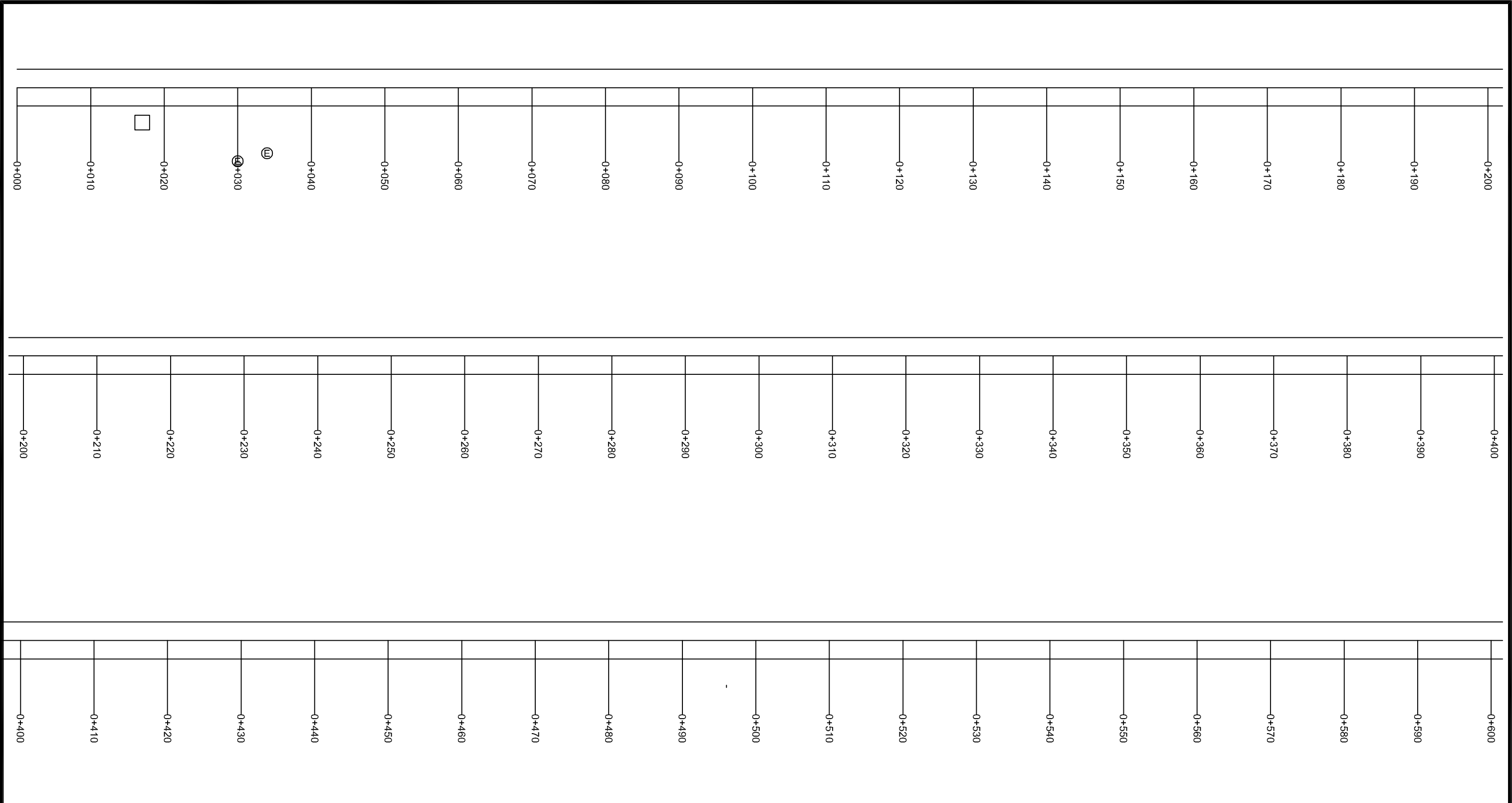
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :

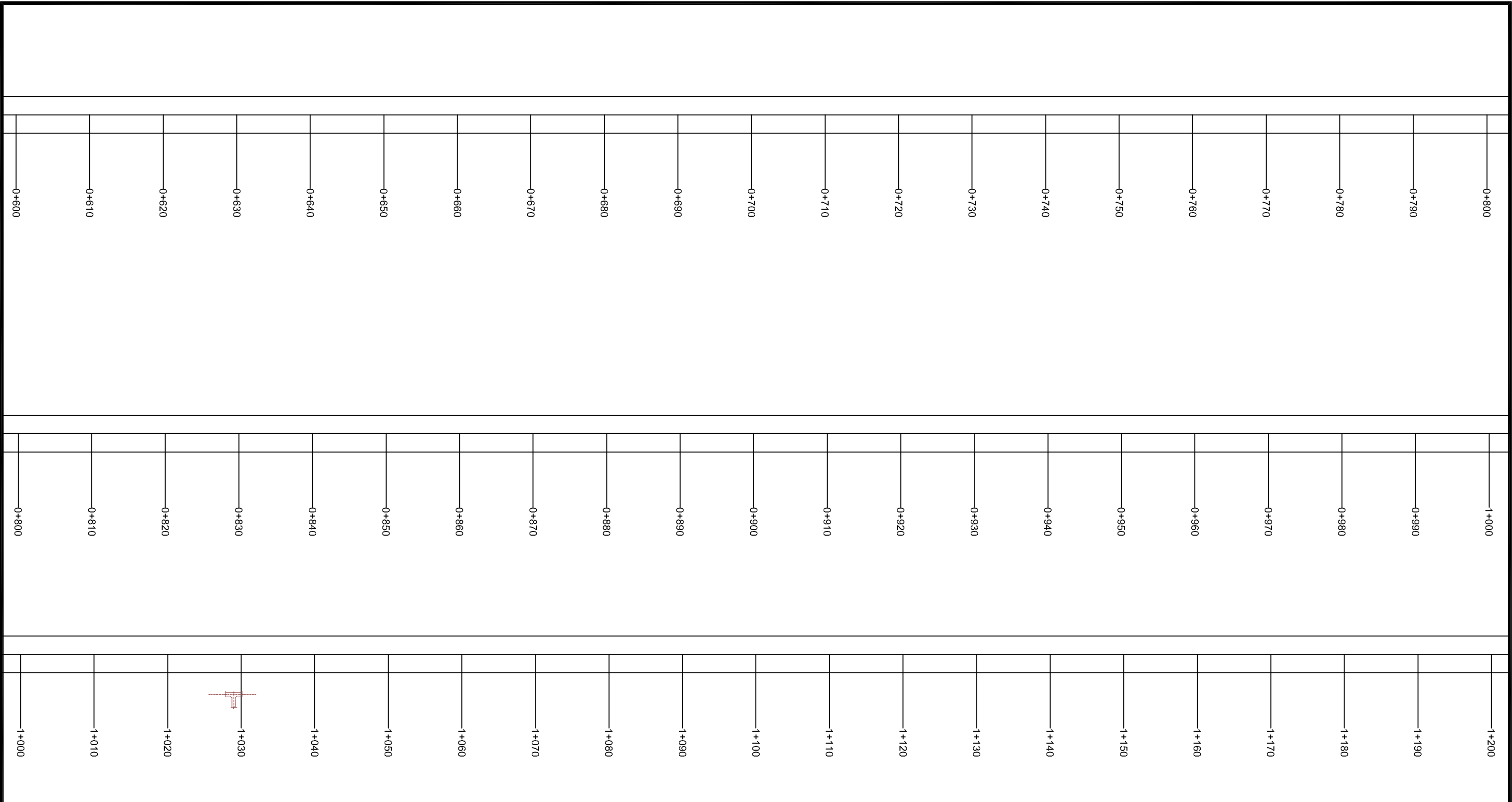
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**LOCATION MAP
OF
SITALAPUR DANDA - JARLAIYA -
DUIMUHAN CHOWK ROAD**

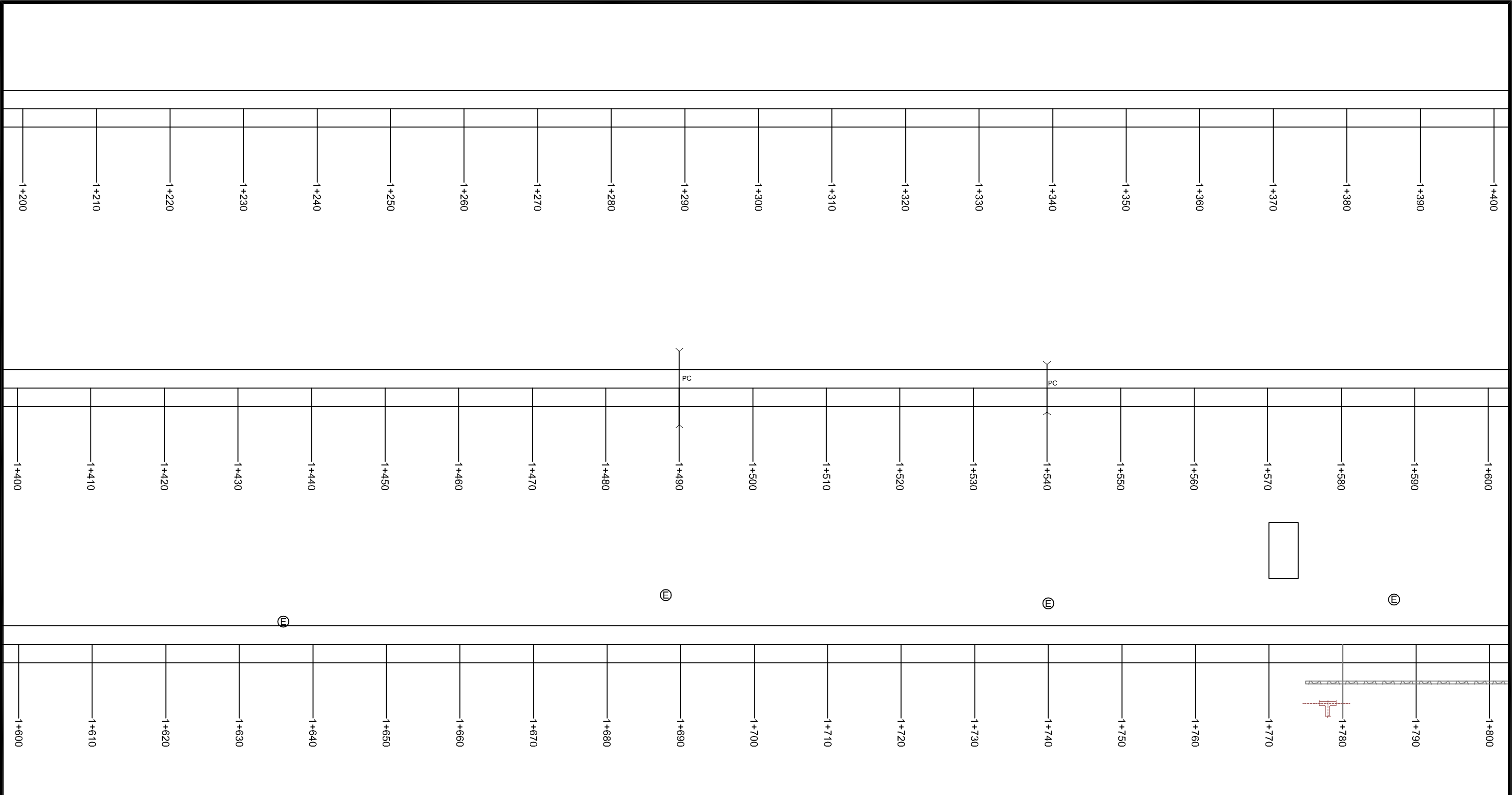
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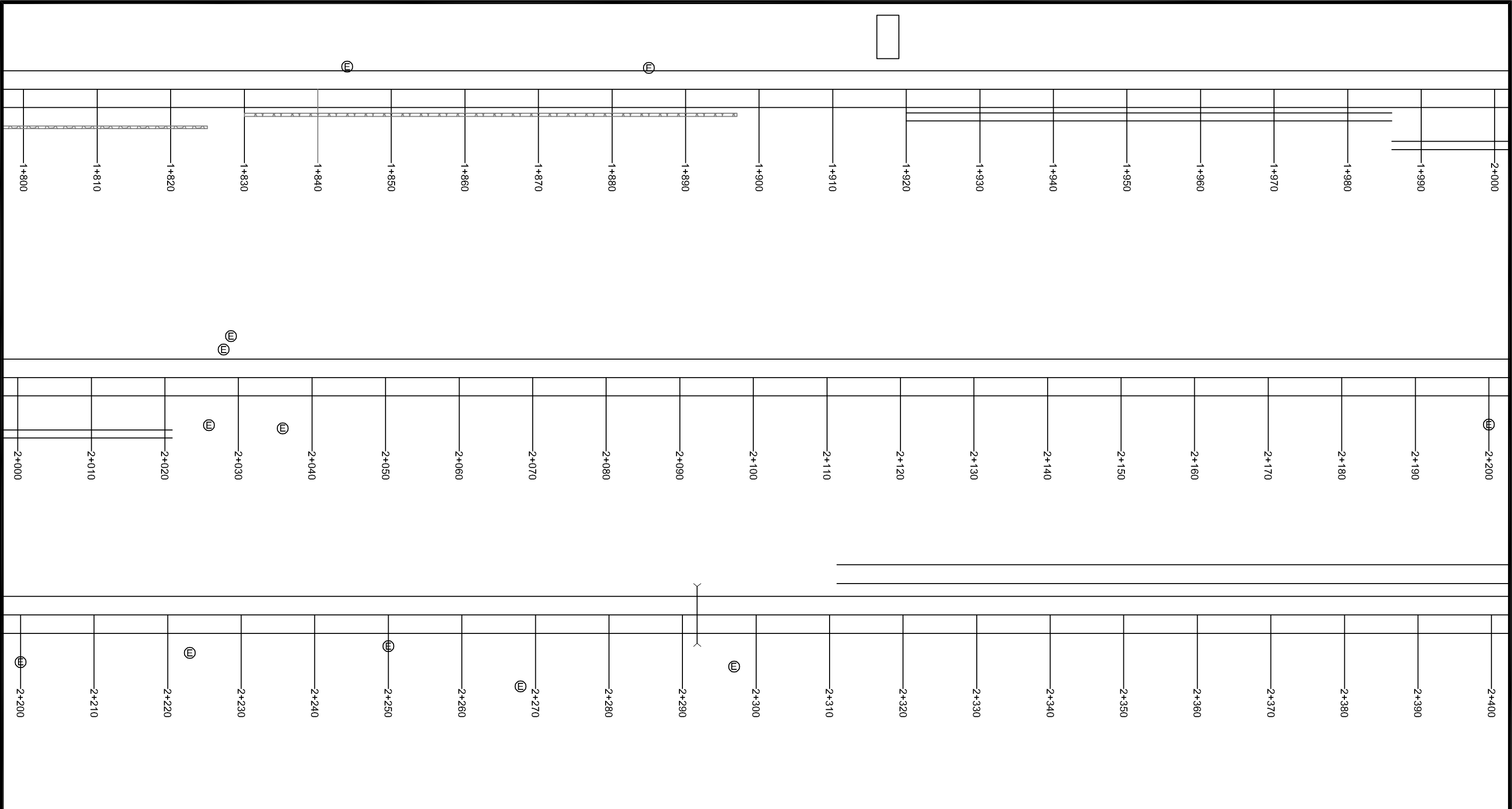
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03	CHAUTARA		12	WAITING_STATION		21	TAP	
04	SLAB		13	CHAMBER		22	TEMPLE	
05	MASONRY_STONE_WALL		14	PIPE		23	TRANSFORMER	
06	COVERED_DRAIN		15	HAND_PUMP		24	GATE	
07	DRAIN		16	BRIDGE		25	BOUNDARY_WALL	
08	EARTHEN_DRAIN		17	PIPE_CULVERT		26	GABION_WALL	
09	BORING_WELL		18	CANAL		27	DITCH	
						28	RIVER	



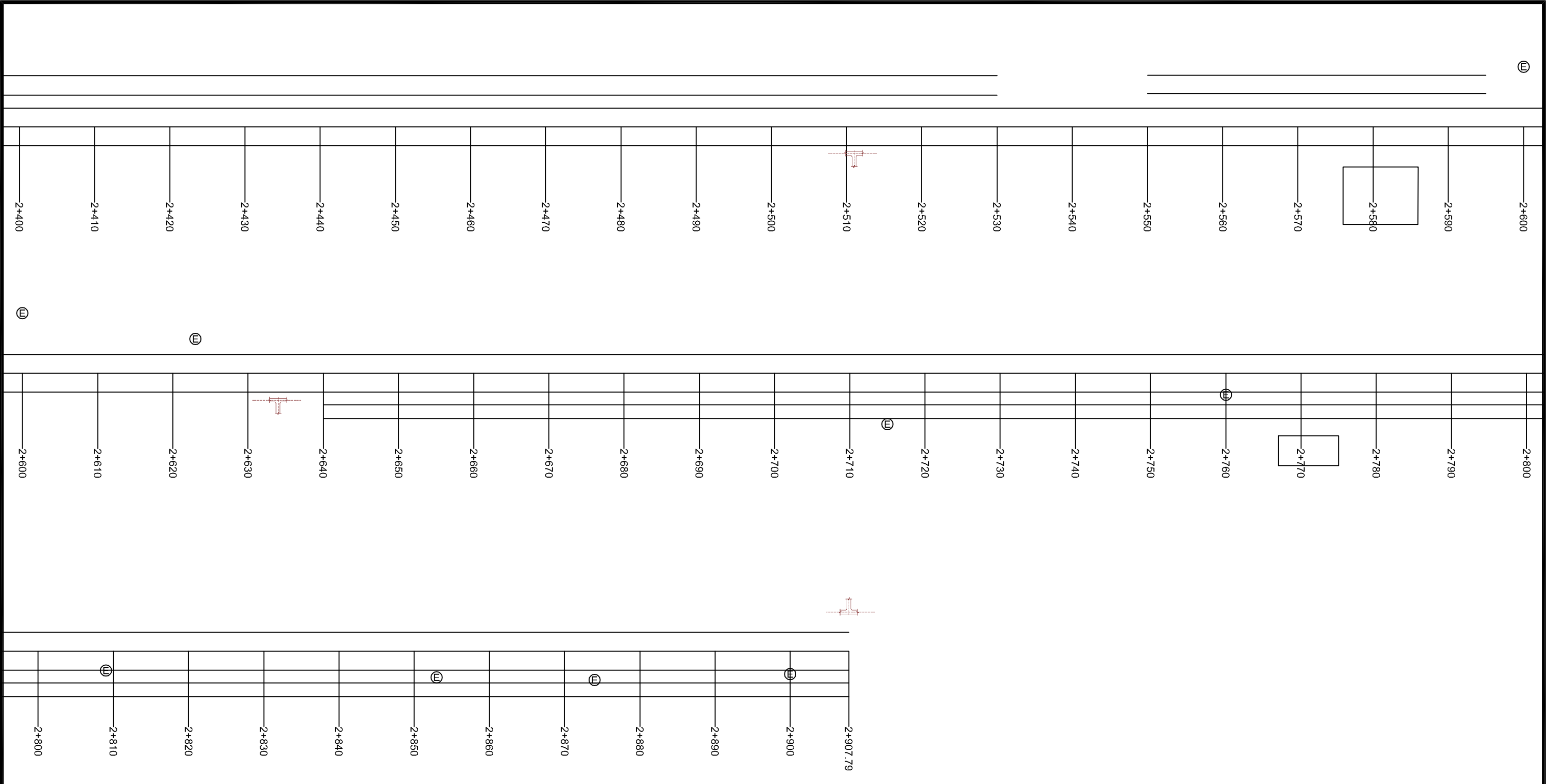
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03	CHAUTARA		12	WAITING_STATION		21	TAP	
04	SLAB		13	CHAMBER		22	TEMPLE	
05	MASONRY_STONE_WALL		14	PIPE		23	TRANSFORMER	
06	COVERED_DRAIN		15	HAND_PUMP		24	GATE	
07	DRAIN		16	BRIDGE		25	BOUNDARY_WALL	
08	EARTHEN_DRAIN		17	PIPE_CULVERT		26	GABION_WALL	
09	BORING_WELL		18	CANAL		27	DITCH	
						28	RIVER	



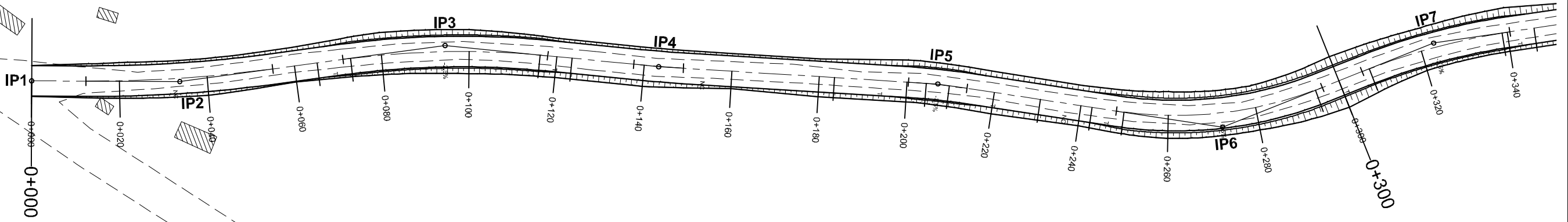
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03	CHAUTARA		12	WAITING_STATION		21	TAP	
04	SLAB		13	CHAMBER		22	TEMPLE	
05	MASONRY_STONE_WALL		14	PIPE		23	TRANSFORMER	
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07	DRAIN		16	BRIDGE		25	BOUNDARY_WALL	
08	EARTHEN_DRAIN		17	PIPE_CULVERT		26	GABION_WALL	
09	BORING_WELL		18	CANAL		27	DITCH	
						28	RIVER	



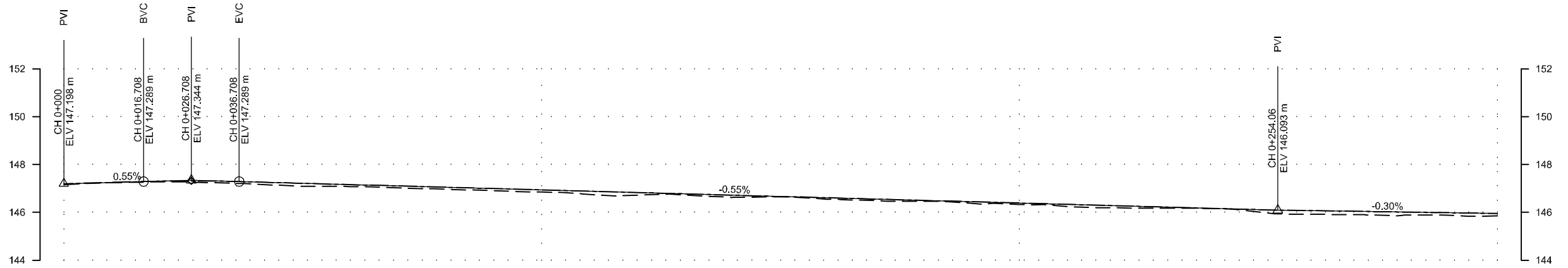
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04	SLAB		13	CHAMBER		22	TEMPLE	
05	MASONRY_STONE_WALL		14	PIPE		23	TRANSFORMER	
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09	BORING_WELL		18	CANAL		27	DITCH	
						28	RIVER	



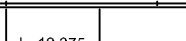
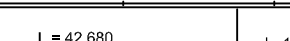
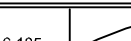
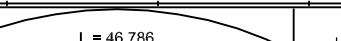
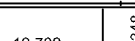
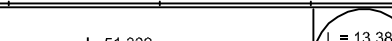
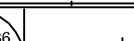
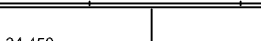
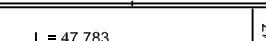
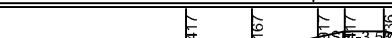
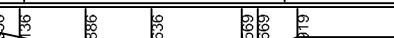
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08	EARTHEN_DRAIN		17	PIPE_CULVERT		26	GABION_WALL	
						27	DITCH	



HP CH = 0+026.667
HP ELV = 147.32 m
LOC = 20.00 m
AD = 1.10 %
K = 18.247



IP No.	COORDINATES(m)		WGS (CHWS)	DIST.	DEF. ANG. (CHWS)	TAN LEN. (m)		SIMPLE CURVE DATA				CHAINAGE			
	EASTING	NORTHING				R (m)	E (m)	LC (m)	BC	MC	EC	IP			
1	428983.368	3044353.224	188.3721526	0.000	09+043.00	0.000	0.000	0.000	0.000	0.000	0+000.000	0+000.000	0+000.000	0+000.000	
2	428987.726	3044320.150	181.3561262	33.749	09+013.24	21.375	305.000	0.748	42.680	0+012.375	0+033.714	0+056.054	0+033.749		
3	428986.019	3044259.184	195.0102366	60.960	13+241.07	24.500	200.000	1.376	46.786	0+071.169	0+094.562	0+117.945	0+094.569		
4	428973.384	3044211.984	192.6252618	48.877	05+054.53	5.675	305.000	0.033	11.348	0+137.647	0+143.321	0+148.995	0+143.321		
5	428955.103	3044183.974	197.3521612	63.711	05+004.634	6.697	150.000	0.149	13.386	0+203.534	0+207.027	0+213.720	0+207.031		
6	428933.904	3044097.455	187.2494771	65.616	30+251.41	24.469	90.000	3.267	47.783	0+248.168	0+272.061	0+285.953	0+272.038		

DESIGN LEVEL(m)	147.198		147.304		147.271		147.161		147.051		146.941		146.831		146.721		146.610		146.500		146.390		146.280		146.170		146.075		146.014		145.954	
EXISTING LEVEL(m)	147.164		147.280		147.189		147.080		146.964		146.848		146.719		146.626		146.546		146.461		146.332		146.187		146.160		145.921		145.876		145.849	
CHAINAGE(Km)	0+000		0+020		0+040		0+060		0+080		0+100		0+120		0+140		0+160		0+180		0+200		0+220		0+240		0+260		0+280		0+300	
HORIZONTAL SCHEMATIC																																
SUPER ELEVATION SCHEMATIC																																
CUT/FILL (m)	0.035		0.025		0.081		0.081		0.087		0.093		0.112		0.094		0.064		0.039		0.058		0.094		0.010		0.154		0.138		0.105	

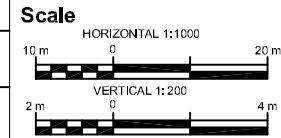


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Regional Urban Development Project (RUDP)
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Designed By : MANJU MUNANKARMI

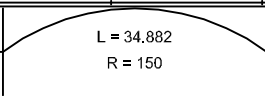
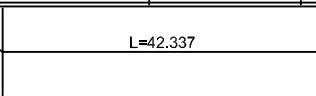
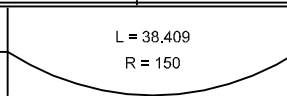
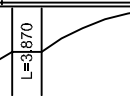
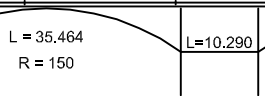
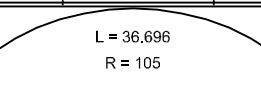
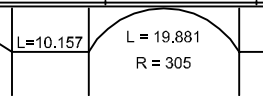
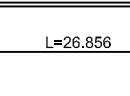
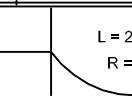
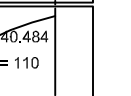
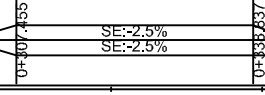
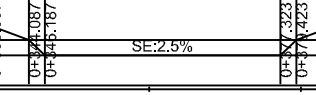
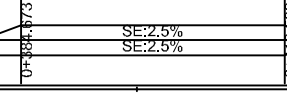
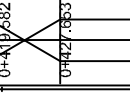
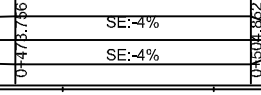
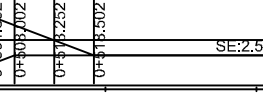
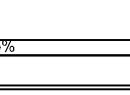
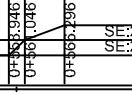
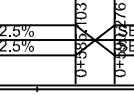
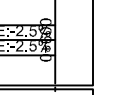
Client
Approved By :
Checked By :

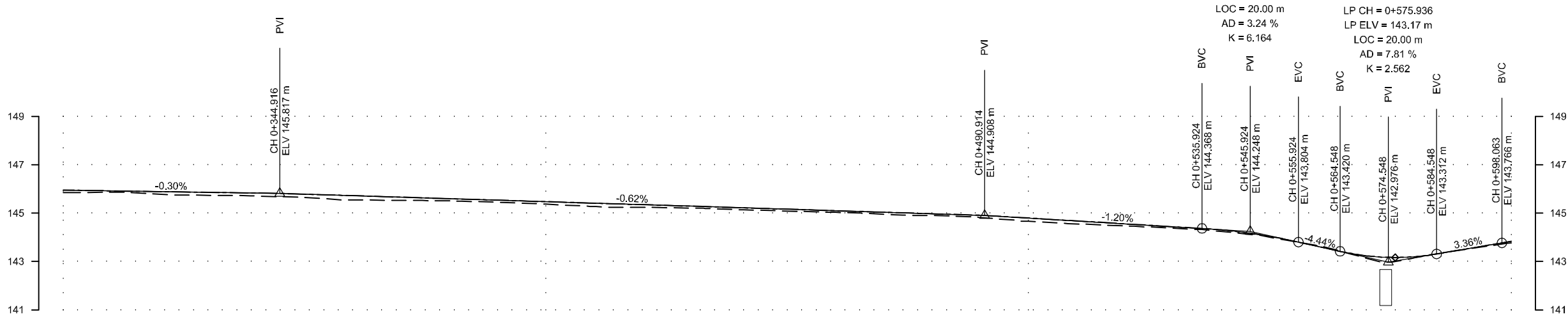


Plan & Profile
SITALAPUR DANDA - JARLAIYA
DUIIMUHAN CHOWK ROAD
CH 0+000 - 2+907.79 Km

REV : DEC 2024
DRG NO : SM/RD/PP/01
CHAINAGE : 0+000 to 0+300
SHEET NO : 01/10

IP No.	CO-ORDINATES(m)		WCB	DIST. (m)	DEF. ANG. (D+MS)	SIMPLE CURVE DATA				CHAINAGE			
	EASTING	NORTHING				R(m)	E (m)	LC (m)	BC	MC	EC	IP	
6	426038.904	306087.465	167-34-4.71	65.616	30-25-11.41	24.489	90.000	3.267	47.793	0-246.169	0-272.961	0-295.953	0-272.639
7	426060.043	306036.937	169-53-31.05	51.741	13-19-26.34	17.520	150.000	1.020	34.682	0-305.705	0-323.146	0-350.387	0-323.225
8	426048.811	306097.780	166-13-14.09	79.167	14-04-16.06	19.310	150.000	1.236	38.409	0-382.923	0-402.128	0-427.332	0-402.234
9	426068.575	306091.585	179-46-1.53	40.895	13-32-46.54	17.815	150.000	1.054	35.654	0-425.203	0-442.835	0-460.667	0-443.018
10	426068.765	306087.323	179-47-27.39	46.842	20-01-26.96	18.537	105.000	1.824	36.689	0-470.956	0-489.304	0-507.650	0-489.483
11	426045.682	306084.968	203-31-52.35	38.638	03-44-4.96	9.944	305.000	0.162	19.881	0-517.809	0-527.749	0-547.690	0-527.753
12	426026.533	306079.681	195-00-17.71	47.674	08-31-14.63	11.174	150.000	0.416	22.307	0-564.546	0-575.689	0-595.833	0-575.720
13	426017.906	306075.797	216-05-20.78	33.320	21-05-12.05	20.473	110.000	1.889	40.484	0-588.526	0-600.767	0-620.909	0-600.999

DESIGN LEVEL(m)	145.954		145.893		145.832		145.723		145.599		145.474		145.350		145.225		145.101		144.976		144.799		144.559		144.306		143.623		143.200		143.829	
EXISTING LEVEL(m)	145.849		145.788		145.710		145.543		145.505		145.378		145.246		145.146		145.032		144.899		144.660		144.472		144.240		143.651		143.152		143.770	
CHAINAGE(Km)	0+300		0+320		0+340		0+360		0+380		0+400		0+420		0+440		0+460		0+480		0+500		0+520		0+540		0+560		0+580		0+600	
HORIZONTAL SCHEMATIC																																
SUPER ELEVATION SCHEMATIC																																
CUT/FILL (m)	0.105		0.105		0.122		0.180		0.094		0.096		0.104		0.080		0.069		0.077		0.139		0.087		0.066		-0.028		0.047		0.059	

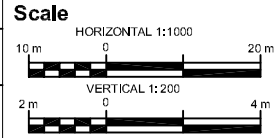


Department of Urban Development & Building Construction (DUDBC)
Regional Urban Development Project (RUDP)
Project Coordination Office
Babarmahal, Kathmandu, Nepal

Reviewed & Designed By :
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ERMIC (P.) Ltd., SILT Consultants (P.) Ltd., and
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Mid- Baneshwor, Kathmandu
Tel: 01- 4589393

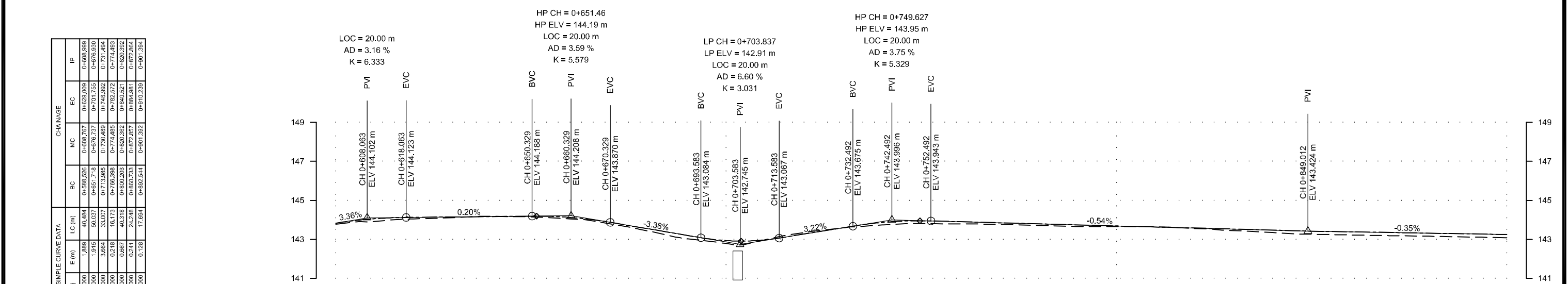
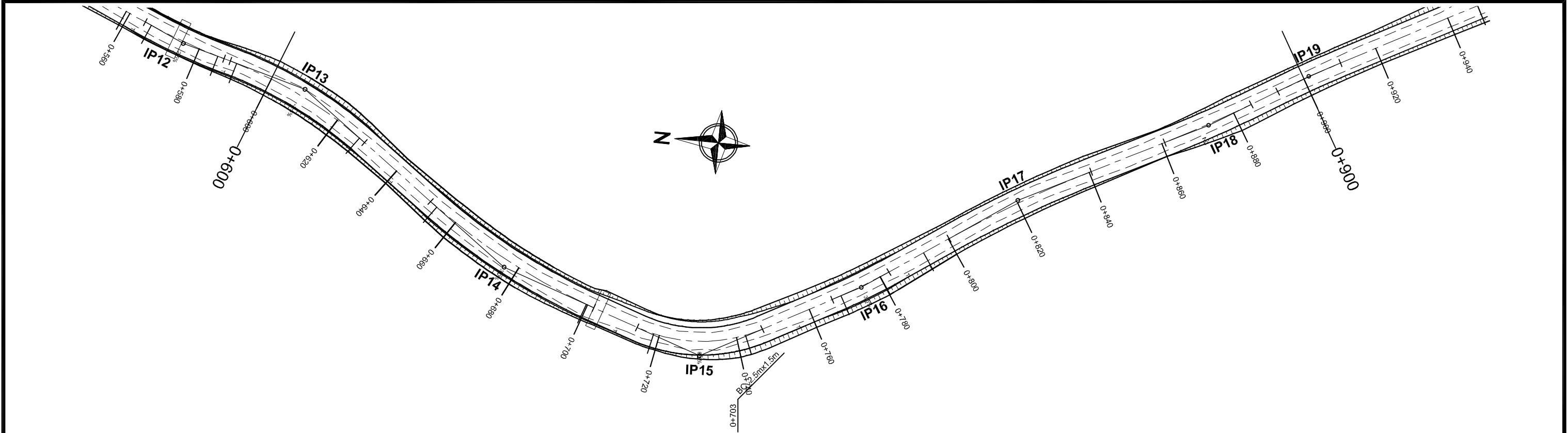
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :

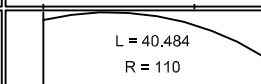
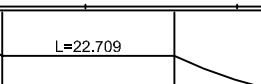
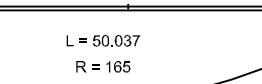
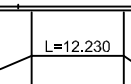
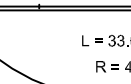
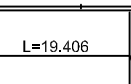
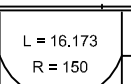
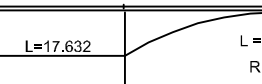
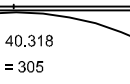
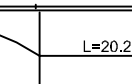
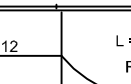
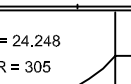
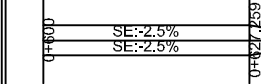
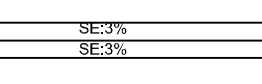
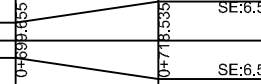
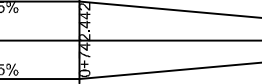
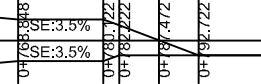
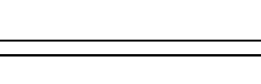
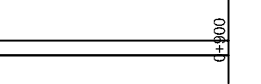


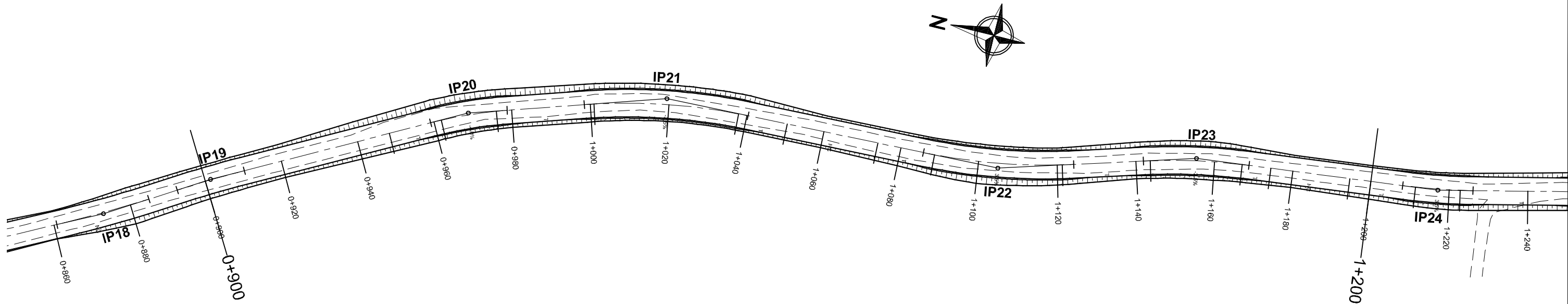
Plan & Profile
SITALAPUR DANDA - JARLAIYA
DUIIMUHAN CHOWK ROAD
CH 0+000 - 2+907.79 Km

REV	: DEC 2024
DRG NO	: SM/RD/PP/02
CHAINAGE	: 0+300 to 0+600
SHEET NO	: 02/10

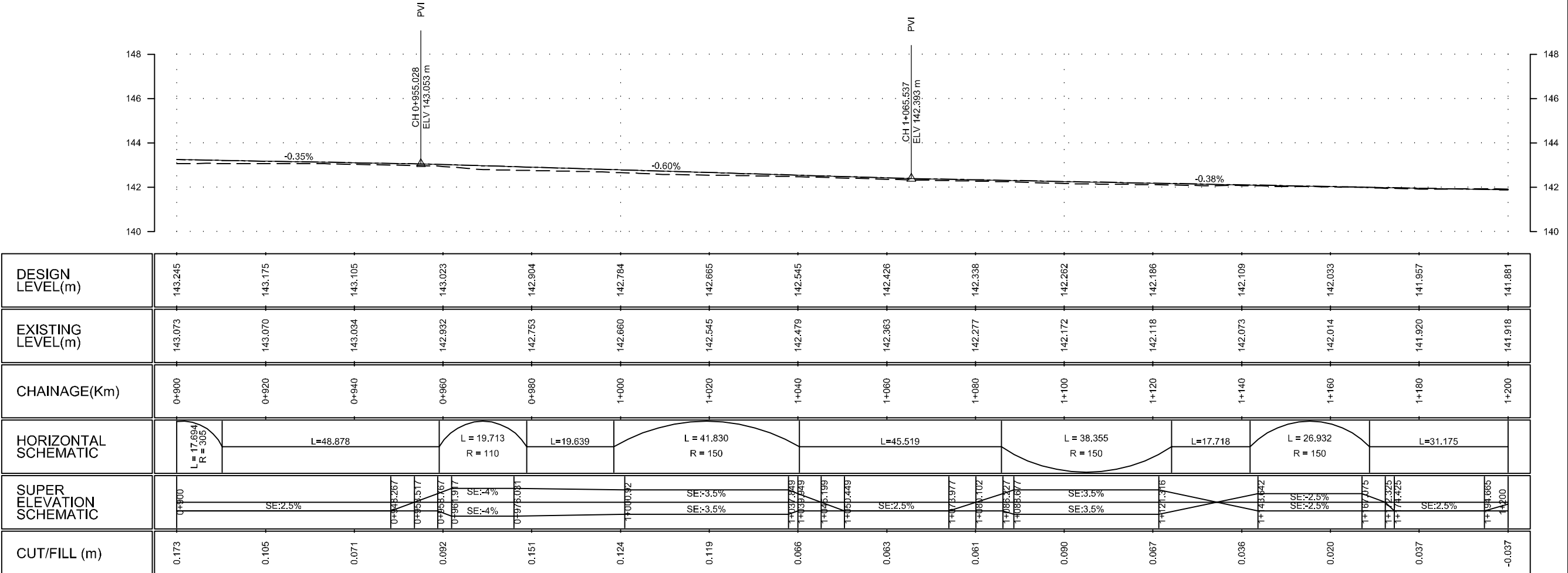


IP No.	COORDINATES (m)		WCS (DMS)	DIST. (m)	DE. ANG. (DMS)	TAN LEN. (m)	SIMPLE CURVE DATA			CHAINAGE		
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC
13	428917.906	3063756.797	216°45'28.76	33.320	21°45'12.05	20.473	110.000	1.886	40.484	0+586.526	0+608.767	0+620.000
14	428917.617	3063703.529	186°42'45.56	85.394	17°29'21.19	25.212	185.000	1.915	50.037	0+651.718	0+676.737	0+701.755
15	428859.84	3063651.484	161°42'46.57	54.951	47°16'42.66	17.508	40.000	3.664	33.007	0+713.965	0+730.489	0+746.992
16	428881.203	3063611.853	145°15'53.64	45.009	09°10'38.67	6.094	150.000	0.218	16.173	0+766.388	0+774.485	0+782.572
17	428907.666	3063574.223	152°40'41.70	45.914	01°44'26.66	20.188	305.000	0.667	40.318	0+800.203	0+820.362	0+840.521
18	428931.652	3063527.487	148°16'43.17	52.531	04°33'18.53	12.130	305.000	0.241	24.248	0+860.733	0+872.857	0+884.981
19	428946.660	3063503.298	151°28'59.51	26.543	03°15'46.34	8.850	305.000	0.726	17.694	0+902.544	0+901.392	0+901.394

DESIGN LEVEL(m)	143.829																144.127																144.167																144.124																143.543																142.935																143.273																143.863																143.902																143.795																143.687																143.580																143.472																143.385																143.315																143.245															
EXISTING LEVEL(m)	143.770																144.045																144.174																144.050																143.430																142.791																143.350																143.737																143.791																143.715																143.658																143.559																143.348																143.223																143.160																143.073															
CHAINAGE(Km)	0+600																0+620																0+640																0+660																0+680																0+700																0+720																0+740																0+760																0+780																0+800																0+820																0+840																0+860																0+880																0+900															
HORIZONTAL SCHEMATIC																																																																																																																																																																																																																																																																
SUPER ELEVATION SCHEMATIC																																																																																																																																																																																																																																																																
CUT/FILL (m)	0.059																0.082																-0.007																0.074																0.113																0.144																-0.076																0.126																0.111																0.080																0.030																0.021																0.125																0.162																0.156																0.173															



IP No.	CO-ORDINATES(m)		WCB (D=45)	DIST. (m)	DEF. ANG. (D=45)	TAN LEN (m)	SIMPLE CURVE DATA				CHAINAGE		
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
19	426946.600	3063503.708	1615364.51	28.643	02+16+26.34	8.850	305.000	0.128	17.894	0+892.644	0+901.392	0+910.239	0+907.394
20	426974.815	3063443.732	1615525.456	67.611	10+16+07	9.883	110.000	0.443	19.713	0+959.117	0+968.074	0+976.831	0+969.000
21	426984.551	3063336.669	1775054.447	50.574	15+58+39.86	21.051	150.000	1.470	41.830	0+988.470	1+019.365	1+040.268	1+019.527
22	426997.776	3063339.576	1651151.87	86.864	14+39+25.59	19.263	150.000	1.234	38.355	1+086.519	1+104.997	1+124.174	1+105.102
23	427012.374	3063261.528	1732946.67	50.604	10+17+14.76	13.603	150.000	0.697	26.932	1+141.892	1+155.359	1+168.825	1+155.385
24	427015.389	3063200.999	1663911.32	61.229	06+46+57.5	8.964	150.000	0.297	17.866	1+206.196	1+217.141	1+228.094	1+217.151

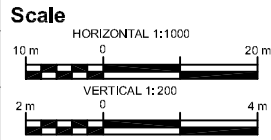


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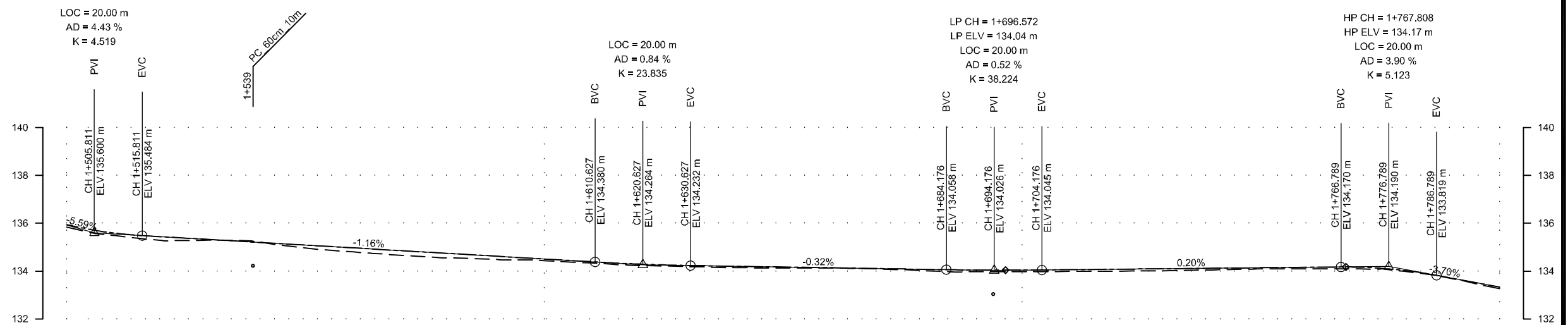
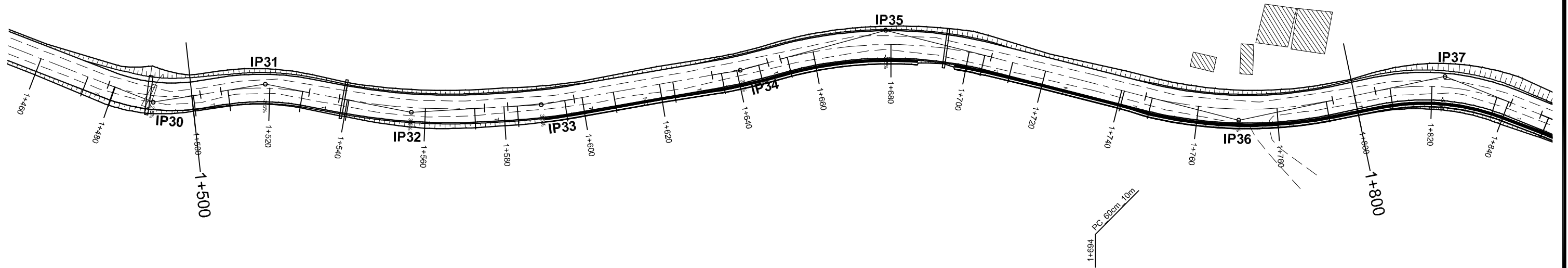
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :

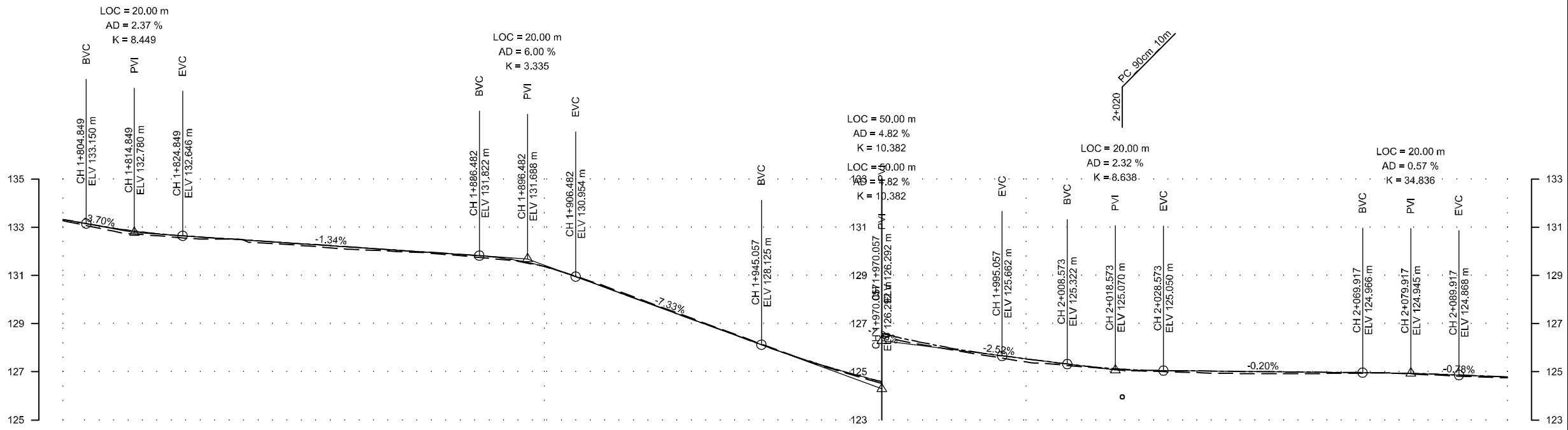
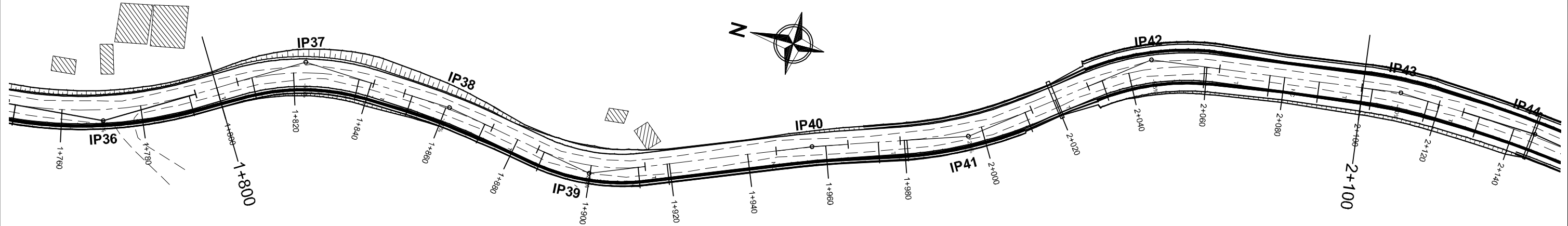


Plan & Profile
SITALAPUR DANDA - JARLAIYA
DUIMUHAN CHOWK ROAD
CH 0+000 - 2+907.79 Km

REV : DEC 2024
DRG NO : SM/RD/PP/04
CHAINAGE : 0+900 to 1+200
SHEET NO : 04/10

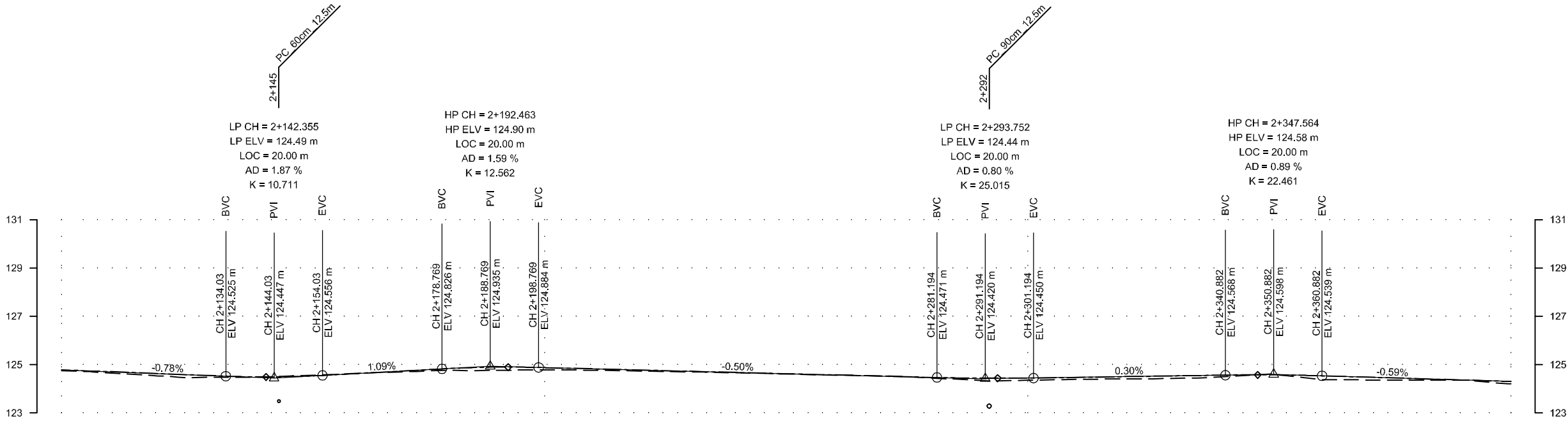
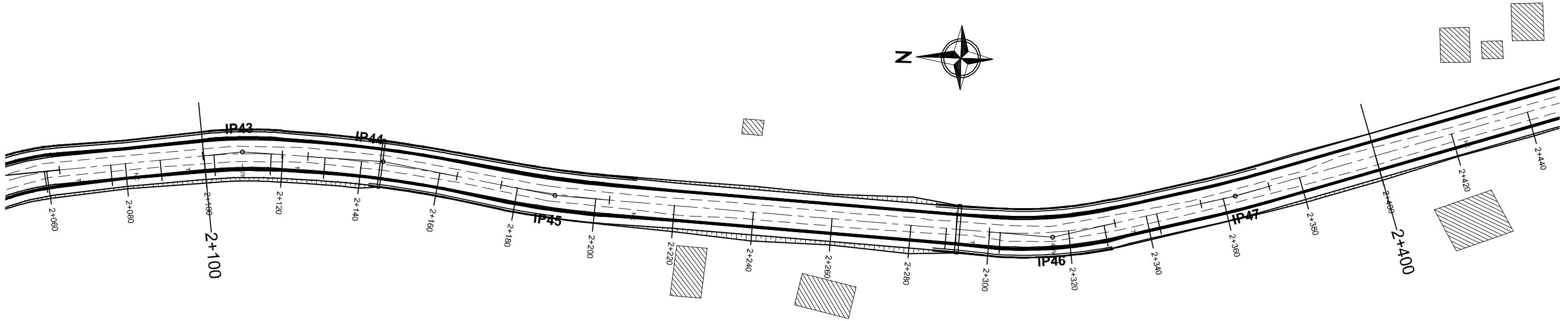


REV	: DEC 2024
DRG NO	: SM/RD/PP/06
CHAINAGE	: 1+500 to 1+800
SHEET NO	: 06/10



IP No.	COORDINATES (m)		WCB (DMS)	DIST. (m)	DEF. ANG. (DMS)	TAN LEN (m)		SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING				R (m)	E (m)	LC (m)	BC (m)	MC	EC	IP		
37	427137.082	3062819.844	182+420.89	53.897	33+4631.64	18.139	60.000	2.682	35.230	1+005.439	1+823.054	1+840.669	1+823.579	
38	427136.248	3062819.328	195+144.80	38.367	07+36+12.11	12.040	180.000	0.402	24.044	1+848.848	1+860.570	1+872.891	1+860.887	
39	427128.201	3062822.867	156+13+16.99	39.285	32+0+24.51	14.345	50.000	2.078	27.946	1+885.765	1+898.761	1+913.734	1+900.137	
40	427150.495	3062493.518	167+13+36.47	57.127	03+0+17.45	5.182	350.000	0.120	18.359	1+947.331	1+956.510	1+965.690	1+955.572	
41	427163.294	3062451.860	142+23+55.01	38.891	19+48+17.45	17.409	105.000	1.433	34.504	1+978.990	1+986.242	2+013.494	1+986.389	
42	427194.103	3062411.844	172+26+45.39	50.494	30+12+10.38	17.540	65.000	2.326	34.264	2+028.036	2+046.171	2+063.303	2+046.579	
43	427202.351	3062346.320	182+12+30.42	64.043	09+36+25.03	10.064	120.000	0.423	20.121	2+093.728	2+103.789	2+119.848	2+109.812	

DESIGN LEVEL(m)	133.330	132.725	132.443	132.176	131.908	131.367	129.963	128.496	127.137	126.150	125.538	125.109	125.026	124.986	124.931	124.789
EXISTING LEVEL(m)	133.270	132.641	132.362	132.082	131.862	131.368	130.001	128.527	127.106	126.078	125.409	125.066	124.938	124.930	124.912	124.750
CHAINAGE(Km)	1+800	1+820	1+840	1+860	1+880	1+900	1+920	1+940	1+960	1+980	2+000	2+020	2+040	2+060	2+080	2+100
HORIZONTAL SCHEMATIC	L=5.439 L=35.230 R=60 L=8.178 L=24.044 R=180 L=12.897 L=27.946 R=50 L=33.597 L=18.359 R=350 L=13.300 L=34.504 R=105 L=15.545 L=34.264 R=65 L=36.424 L=20.121 R=100															
SUPER ELEVATION SCHEMATIC	SE:-5.5% SE:-5.5% SE:-3% SE:-3% SE:-2.5% SE:-2.5% SE:-2.5% SE:-2.5% SE:-2.5% SE:-2.5% SE:-2.5% SE:-2.5% SE:-5.5% SE:-5.5% SE:-2.5% SE:-2.5%															
CUT/FILL (m)	0.060	0.084	0.081	0.094	0.046	-0.001	-0.038	-0.031	0.030	0.072	0.129	0.044	0.089	0.056	0.019	0.040



IP No.	CO-ORDINATES(m)		DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE				
	EASTING	NORTHING				R (m)	E (m)	LC (m)	BC	MC	EC	IP	
43	427202.351	3082248.329	182-12-30.42	64.049	08-36-54.03	10.064	120.000	0.231	20.121	2+098.788	2+100.788	2+102.788	2+104.812
44	427200.578	3082212.685	182-14-14.47	35.871	07-48-11.05	10.064	305.000	0.595	38.078	2+126.372	2+128.372	2+130.372	2+132.396
45	427193.722	3082288.982	182-04-45.17	44.292	08-04-45.30	13.823	250.000	0.382	27.618	2+175.855	2+177.855	2+179.855	2+181.879
46	427187.288	3082142.865	182-33-38.63	128.354	17-28-38.65	16.135	105.000	1.232	32.019	2+298.370	2+300.370	2+302.370	2+304.394
47	427198.281	3082095.969	182-13-14.11	47.331	09-20-50.02	8.901	305.000	0.301	17.796	2+354.184	2+356.184	2+358.184	2+360.208

CUT/FILL (m)	0.040	0.098	0.006	-0.005	0.070	0.087	0.043	0.015	0.005	0.024	0.088	0.093	0.063	0.141	0.065	0.100
SUPER ELEVATION SCHEMATIC	SE:-4%	SE:-4%	SE:-4%	SE:-4%	SE:-4%	SE:-4%	SE:-4%	SE:-4%	SE:-4%	SE:-4%	SE:-4%	SE:-4%	SE:-4%	SE:-4%	SE:-4%	SE:-4%
HORIZONTAL SCHEMATIC	L = 20.121 R = 120	L = 6.523 R = 305	L = 38.078 R = 305	L = 11.406 R = 250	L = 27.618 R = 250	L = 96.397 R = 105	L = 32.019 R = 105	L = 22.295 R = 305	L = 17.796 R = 305	L = 28.020 R = 305	L = 28.020 R = 305	L = 28.020 R = 305	L = 28.020 R = 305	L = 28.020 R = 305	L = 28.020 R = 305	L = 28.020 R = 305
CHAINAGE(Km)	2+100	2+120	2+140	2+160	2+180	2+200	2+220	2+240	2+260	2+280	2+300	2+320	2+340	2+360	2+380	2+400
EXISTING LEVEL(m)	124.750	124.536	124.489	124.627	124.788	124.791	124.735	124.662	124.572	124.453	124.359	124.413	124.503	124.403	124.360	124.207
DESIGN LEVEL(m)	124.789	124.634	124.495	124.621	124.838	124.878	124.778	124.677	124.577	124.477	124.447	124.506	124.566	124.544	124.425	124.307

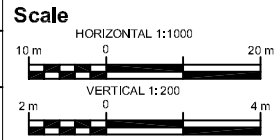


Department of Urban Development & Building Construction (DUDBC)
Regional Urban Development Project (RUDP)
Project Coordination Office
Babarmahal, Kathmandu, Nepal

Reviewed & Designed By :
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in Association with
ERMIC (P.) Ltd., SILT Consultants (P.) Ltd., and
DIGICON (P.) Ltd.
Mid- Baneshwor, Kathmandu
Tel: 01-4589393

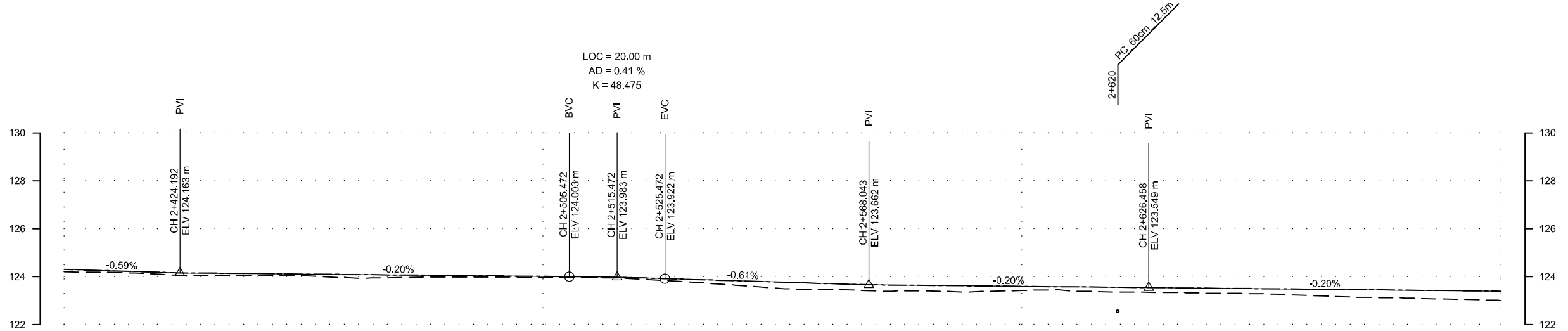
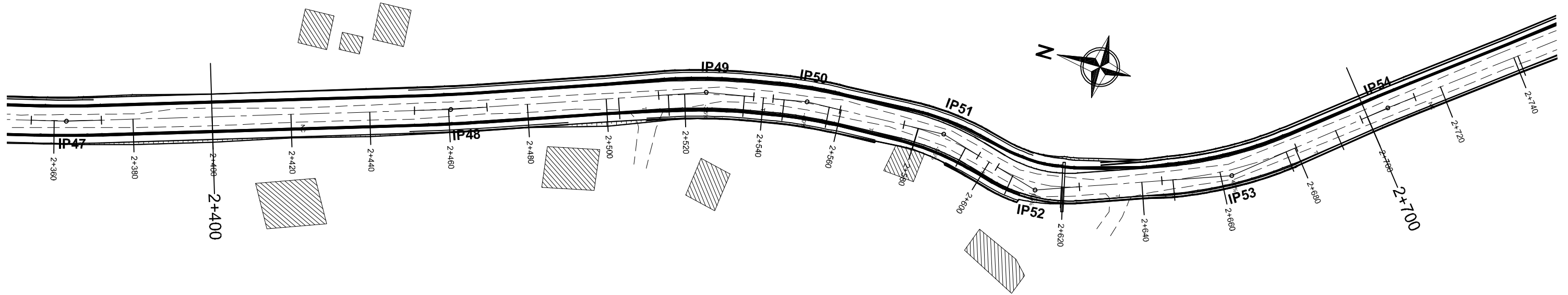
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Plan & Profile
SITALAPUR DANDA - JARLAIYA
DUIIMUHAN CHOWK ROAD
CH 0+000 - 2+907.79 Km

REV : DEC 2024
DRG NO : SM/RD/PP/08
CHAINAGE : 2+100 to 2+400
SHEET NO : 08/10



IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
47	427198.891	3062068.968	162+13+1.61	47.231	03+20+35.02	6.901	305.000	0.130	17.796	2+364.184	2+383.082	2+371.880	2+363.084
48	427228.659	3062004.181	163+09+35.33	97.485	02+09+26.28	9.196	500.000	0.085	18.390	2+461.349	2+480.543	2+469.738	2+460.544
49	427250.746	3061943.110	169+21+15.61	64.924	09+14+40.28	12.127	150.000	0.489	24.202	2+513.336	2+525.440	2+507.541	2+507.541
50	427255.486	3061917.894	177+16+0.89	25.658	07+53+51.27	8.629	125.000	0.297	17.230	2+542.443	2+555.058	2+542.443	2+542.443
51	427267.182	3061882.344	195+23+43.98	35.591	18+08+37.09	10.379	65.000	0.823	20.883	2+576.266	2+586.548	2+569.839	2+569.839
52	427273.987	3061855.190	199+05+42.23	27.138	36+84+14.4	11.240	35.000	1.763	21.767	2+602.351	2+613.234	2+598.244	2+598.244
53	427287.288	3061802.254	140+31+50.74	50.013	19+13+42.49	17.786	105.000	1.498	35.298	2+645.096	2+662.715	2+648.324	2+648.324
54	427294.685	3061775.580	142+12+33.03	43.021	51+40+31.28	7.311	305.000	0.055	14.620	2+683.240	2+705.656	2+682.860	2+682.860

DESIGN LEVEL(m)	124.307		124.188		124.132		124.093		124.053		124.014		123.952		123.834		123.712		123.639		123.600		123.561		123.522		123.482		123.443		123.403					
EXISTING LEVEL(m)	124.207		124.103		124.045		123.950		123.989		123.973		123.903		123.652		123.460		123.405		123.428		123.359		123.317		123.217		123.112		123.013					
CHAINAGE(Km)	2+400		2+420		2+440		2+460		2+480		2+500		2+520		2+540		2+560		2+580		2+600		2+620		2+640		2+660		2+680		2+700					
HORIZONTAL SCHEMATIC	L=51.349				L = 18.390 R = 500		L=43.600				L = 24.202 R = 150				L=4.902		L = 17.230 R = 125		L=16.583		L = 20.583 R = 65		L=5.511		L = 21.767 R = 35		L=20.978		L = 35.238 R = 105				L=18.005		L=14.620 R = 60	
SUPER ELEVATION SCHEMATIC	SE:2.5%				SE:2.5%		SE:3.5%				SE:3.5%		SE:4%		SE:4%		SE:5.5%		SE:5.5%		SE:6.5%		SE:6.5%		SE:4%		SE:4%		SE:2.5%		SE:2.5%					
CUT/FILL (m)	0.100		0.085		0.088		0.143		0.065		0.041		0.050		0.181		0.252		0.234		0.172		0.202		0.205		0.265		0.331		0.390					

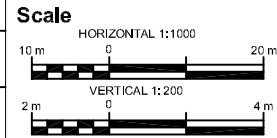


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Project Coordination Office
Babarmahal, Kathmandu, Nepal

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Tel: 01-4589393

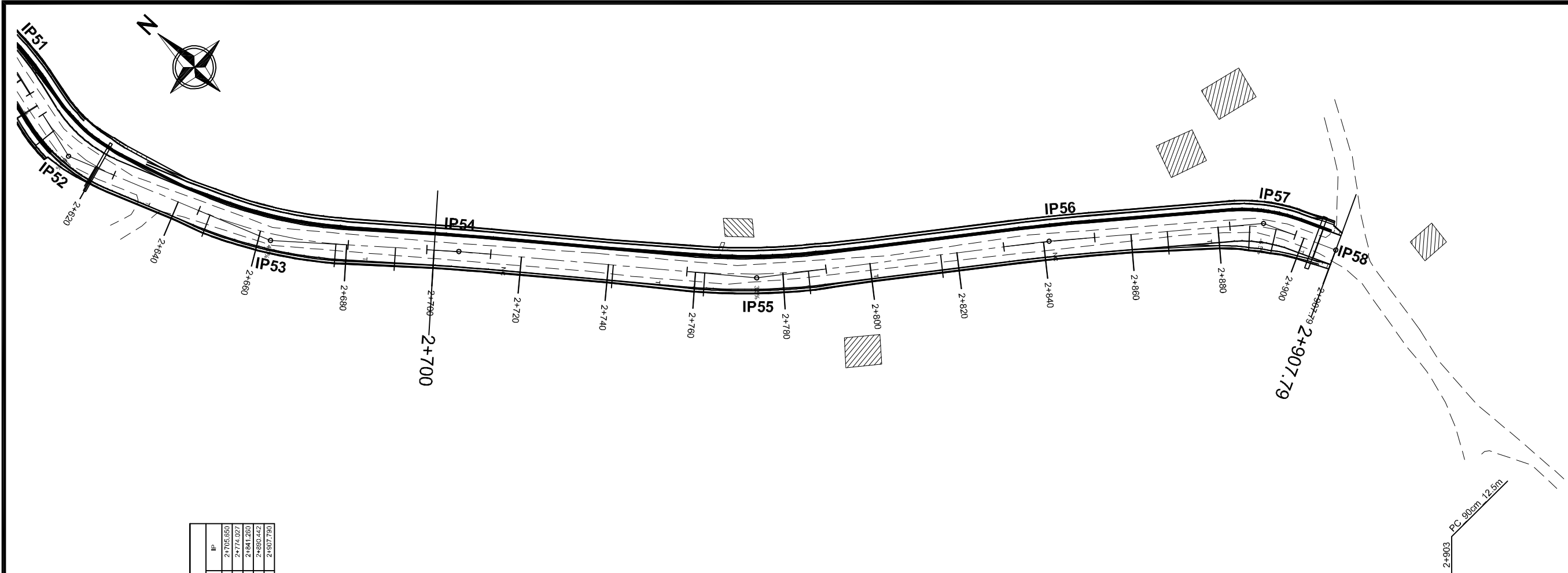
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :

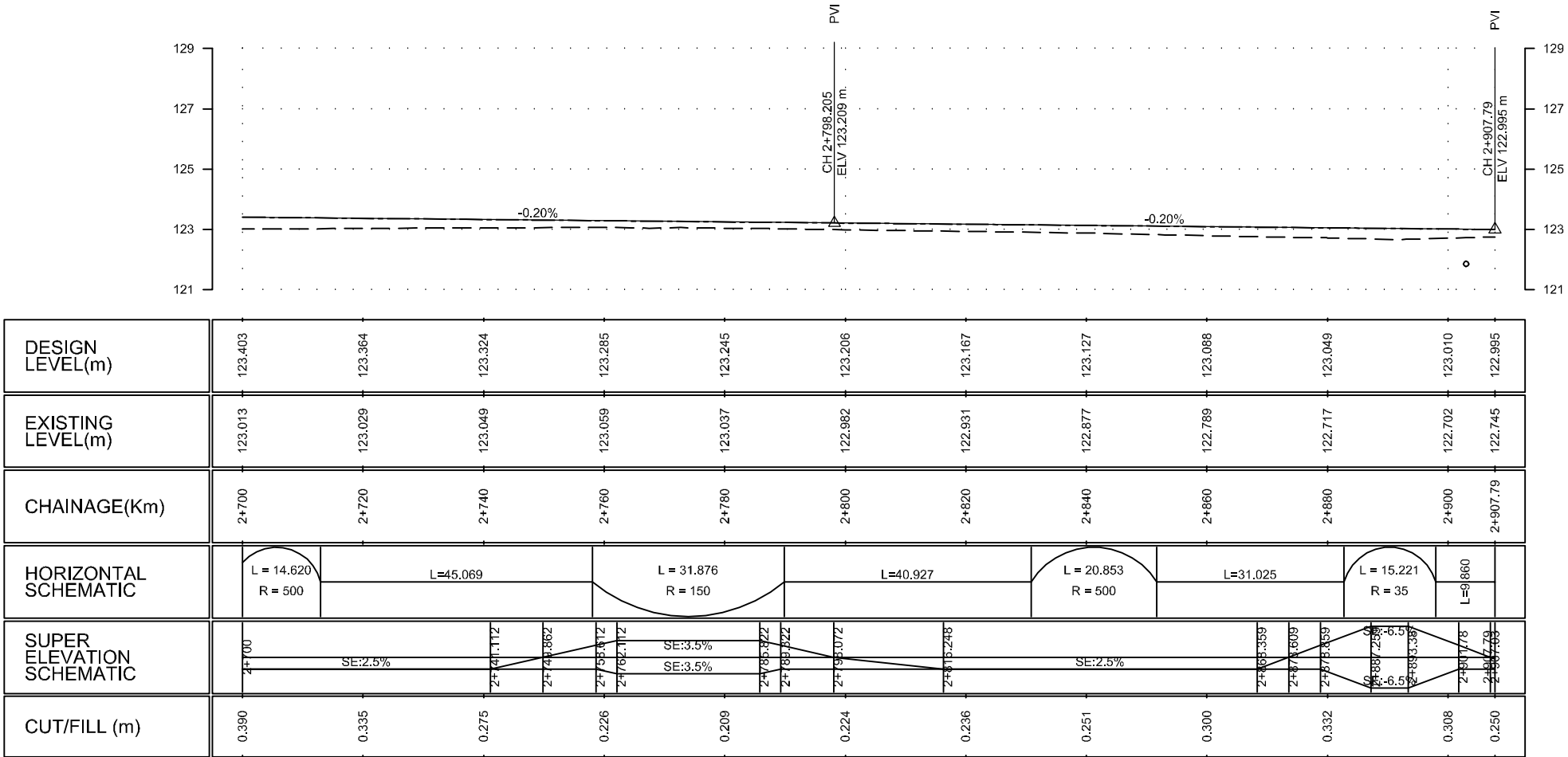


Plan & Profile
SITALAPUR DANDA - JARLAIYA
DUIIMUHAN CHOWK ROAD
CH 0+000 - 2+907.79 Km

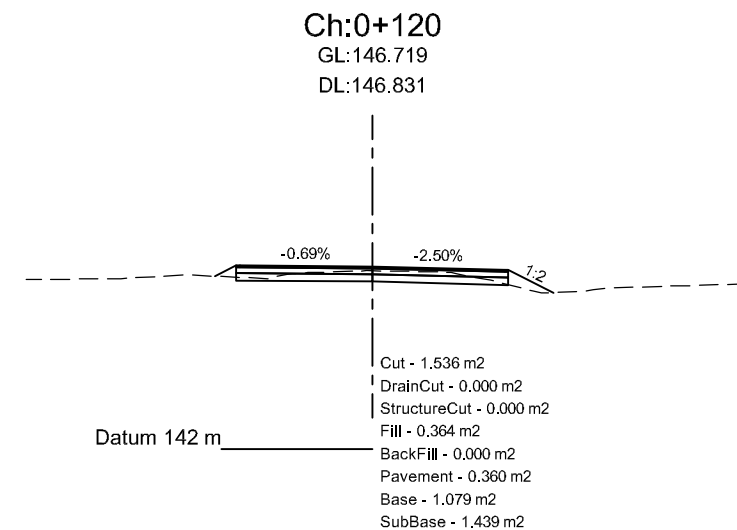
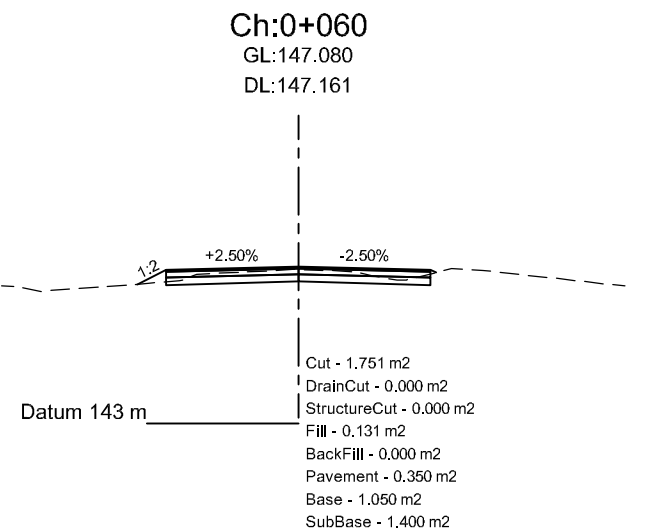
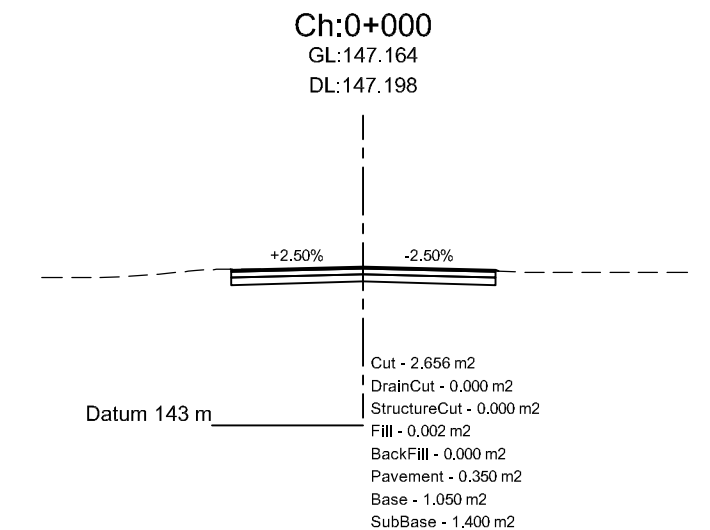
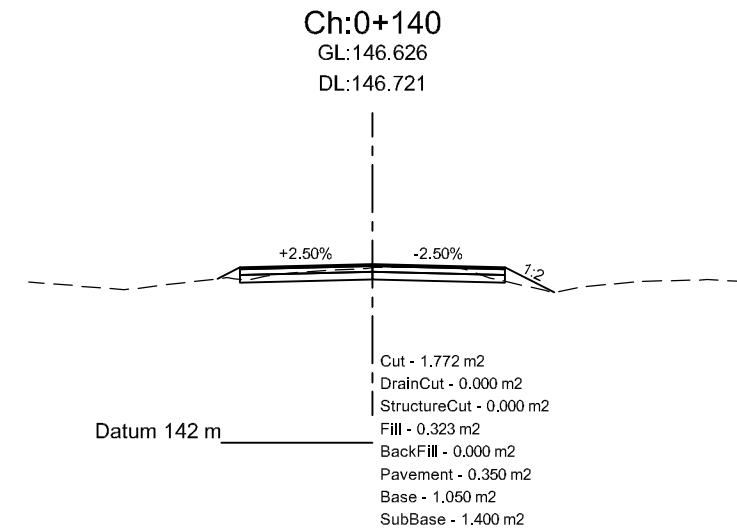
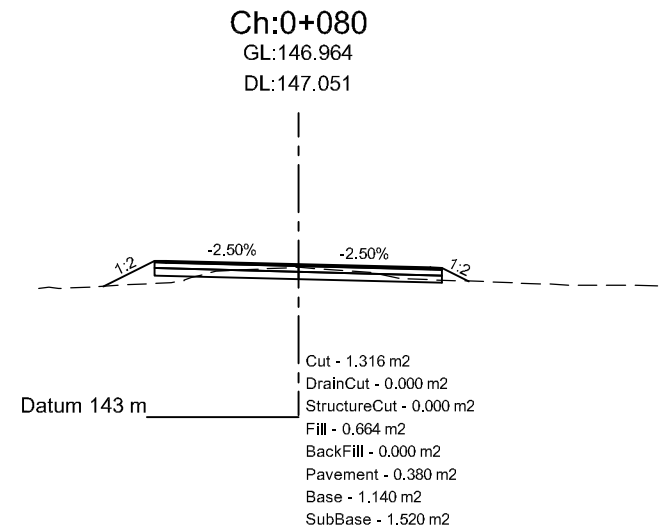
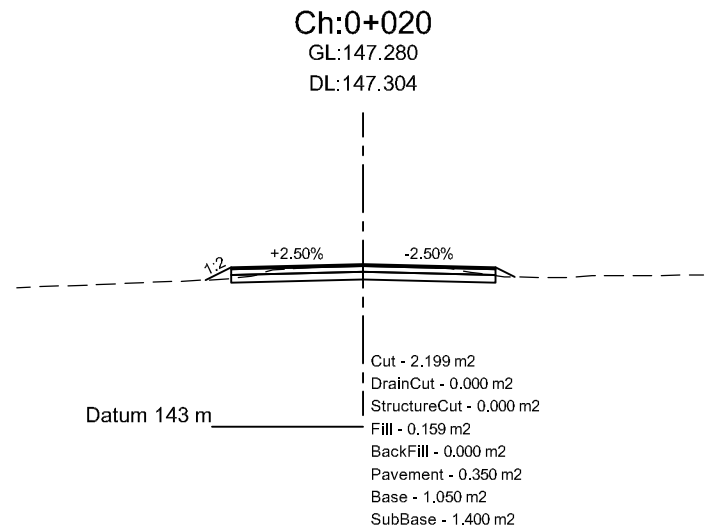
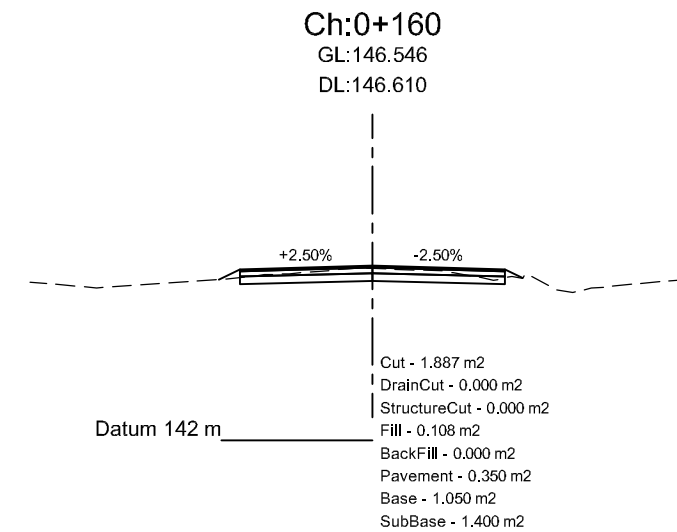
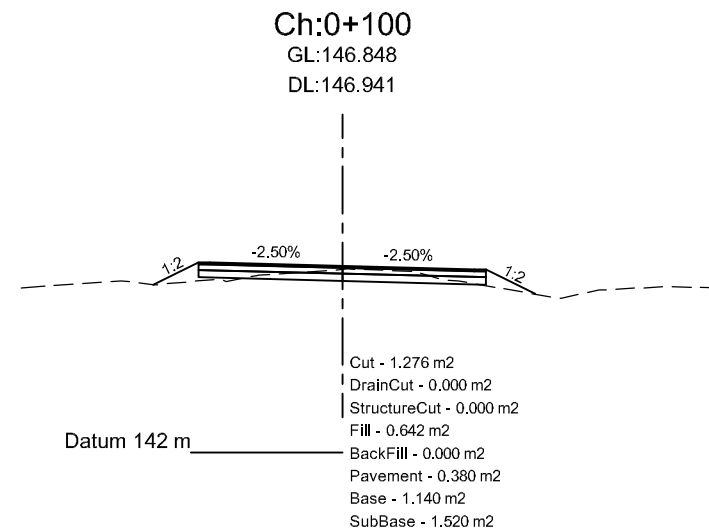
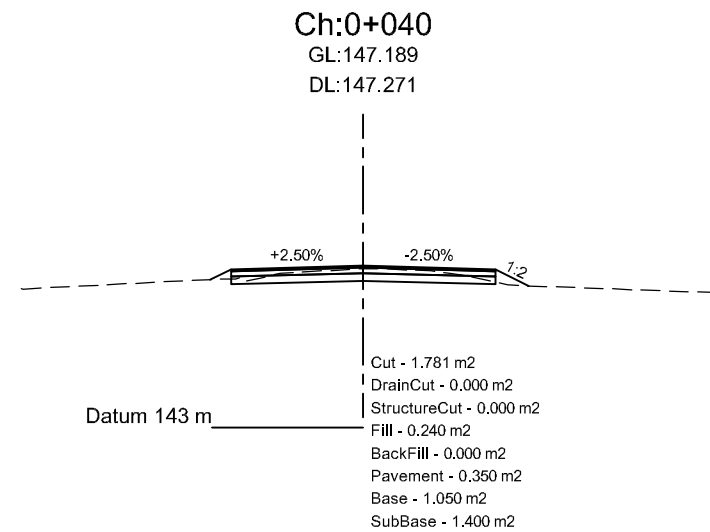
REV : DEC 2024
DRG NO : SM/RD/PP/09
CHAINAGE : 2+400 to 2+700
SHEET NO : 09/10



IP No.	COORDINATES (m)		WCB (CH+S)	DIST. (m)	DEF. ANG. (CH+S)	TAN LEN. (m)	SIMPLE CURVE DATA				CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	MC	BC	MC	EC	IP
52	427294.635	3061775.880	142+12+31.03	43.102	01+40+31.28	7.311	500.000	0.053	14.620	2+698.340	2+705.550	2+712.860	2+719.860	2+726.550
53	427335.308	3061771.944	130+01+57.43	86.278	12+10+31.20	15.998	1500.000	0.261	31.876	2+730.028	2+736.028	2+742.028	2+748.028	2+754.028
54	427385.157	3061678.821	132+25+24.13	67.353	02+25+24.13	10.428	500.000	0.109	20.853	2+830.632	2+836.632	2+842.632	2+848.632	2+854.632
55	427424.463	3061645.441	157+20+18.86	48.165	24+50+58.74	7.733	35.000	0.844	15.221	2+882.703	2+888.703	2+894.703	2+900.703	2+906.703
56	427431.243	3061628.207	00+00+0.00	17.593	00+00+0.00	0.000	0.000	0.000	0.000	2+907.790	2+913.790	2+919.790	2+925.790	2+931.790



DESIGN LEVEL(m)	123.403	123.364	123.324	123.285	123.245	123.206	123.167	123.127	123.088	123.049	123.010	122.995
EXISTING LEVEL(m)	123.013	123.029	123.049	123.059	123.037	122.982	122.931	122.877	122.789	122.717	122.702	122.745
CHAINAGE(Km)	2+700	2+720	2+740	2+760	2+780	2+800	2+820	2+840	2+860	2+880	2+900	2+907.79
HORIZONTAL SCHEMATIC	L = 14.620 R = 500 L = 45.069 L = 31.876 R = 150 L = 40.927 L = 20.853 R = 500 L = 31.025 L = 15.221 R = 35 L = 9.860											
SUPER ELEVATION SCHEMATIC	SE:2.5% SE:2.5% SE:3.5% SE:3.5% SE:2.5% SE:2.5% SE:2.5% SE:2.5% SE:2.5% SE:2.5% SE:2.5% SE:2.5%											
CUT/FILL (m)	0.390	0.335	0.275	0.226	0.209	0.224	0.236	0.251	0.300	0.332	0.308	0.250

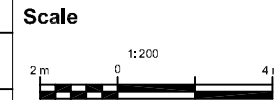


Department of Urban Development & Building
Construction (DUDBC)
Regional Urban Development Project (RUDP)
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Tel: 01- 4589393

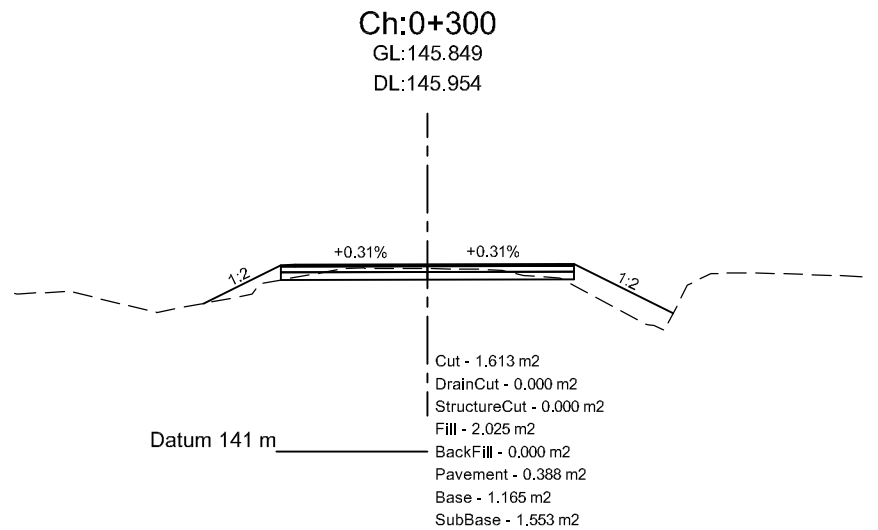
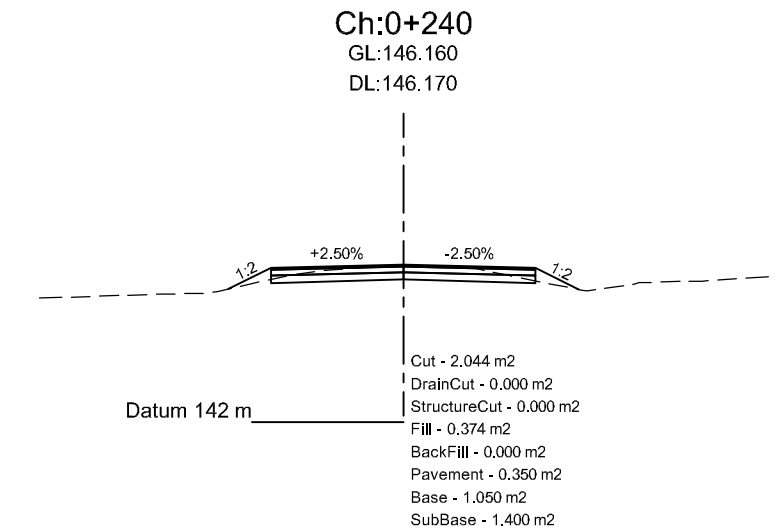
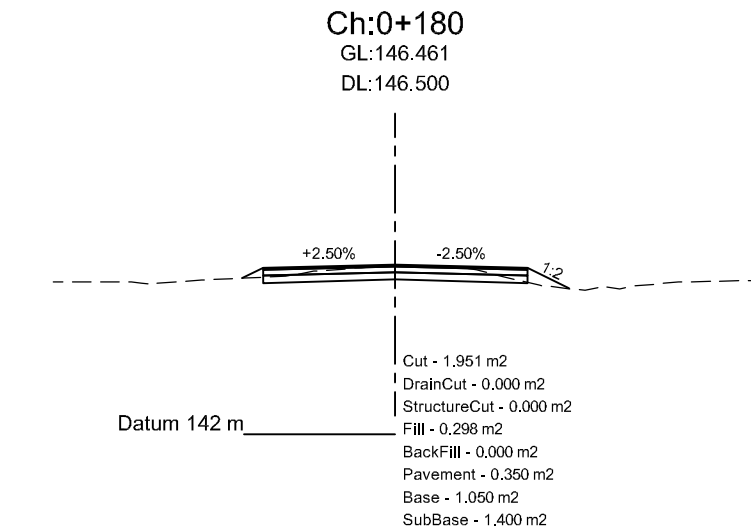
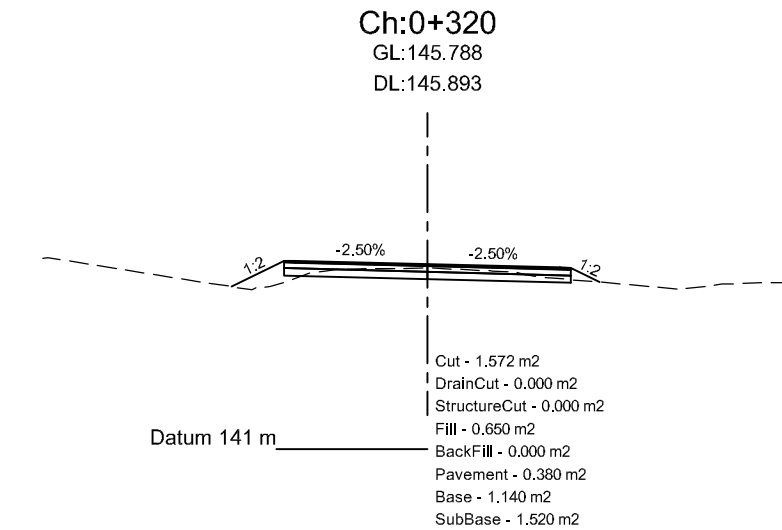
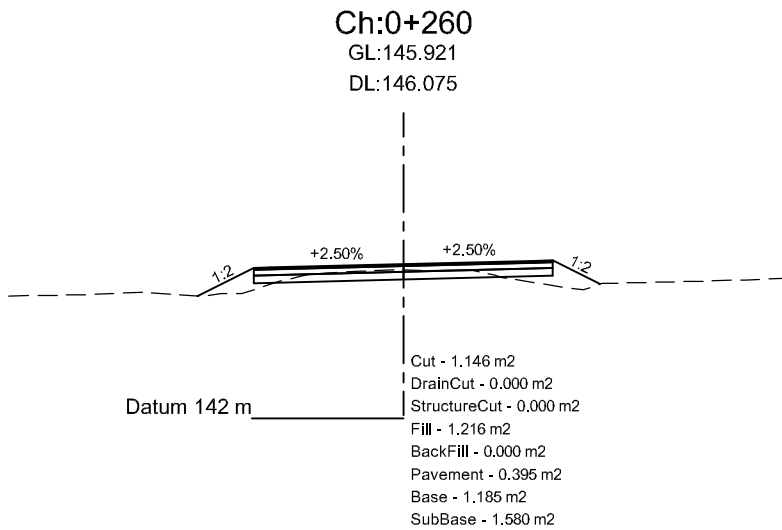
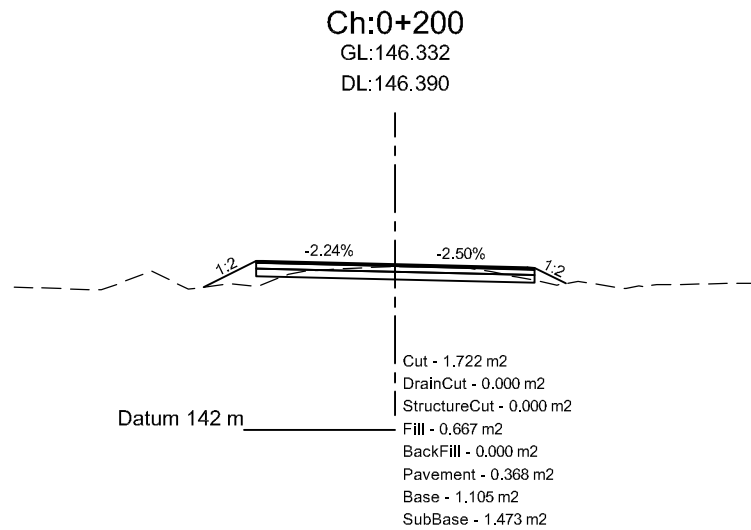
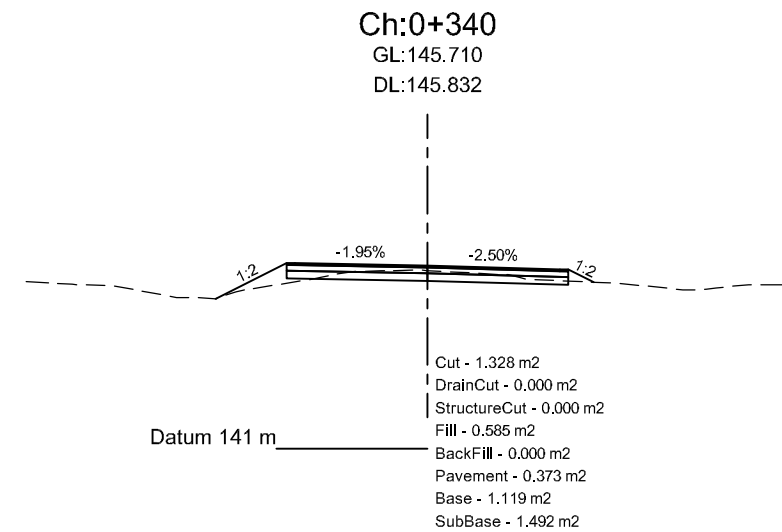
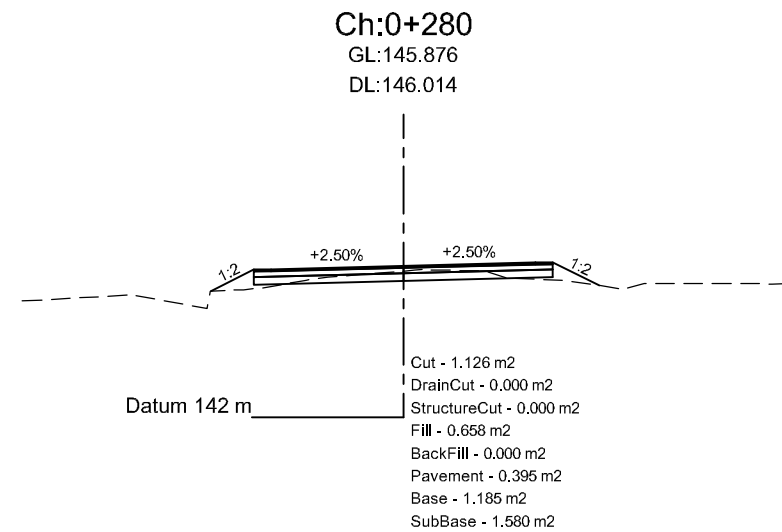
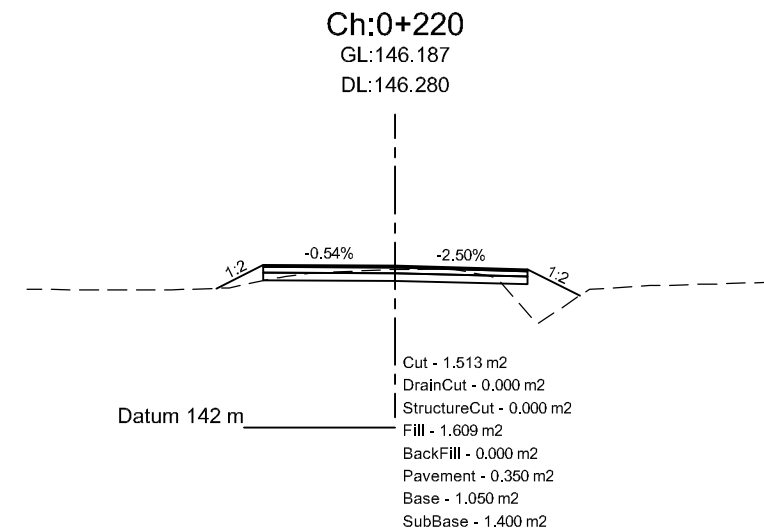
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Cross-Section
SITALAPUR DANDA - JARLAIYA
DUIMUHAN CHOWK ROAD
CH 0+000 - 2+907.79 Km

REV : DEC 2024
DRG NO : SM/RD/CS/1
CHAINAGE : 0+000-0+160
SHEET NO : 1

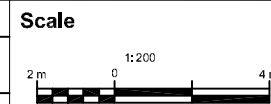


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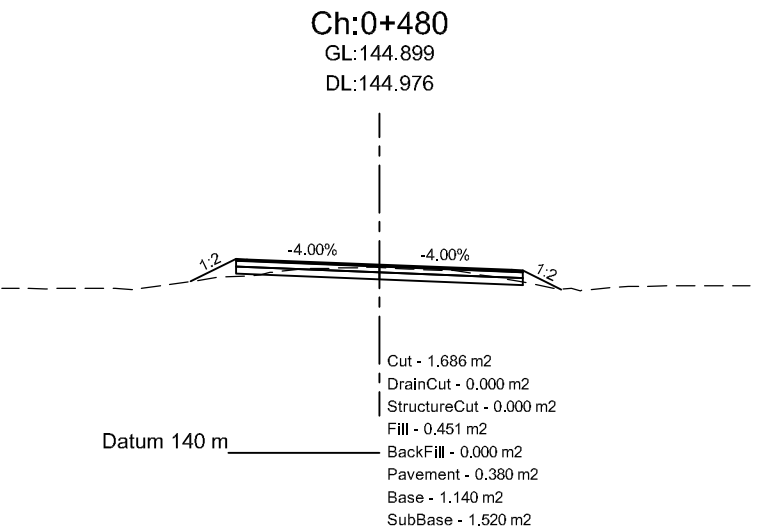
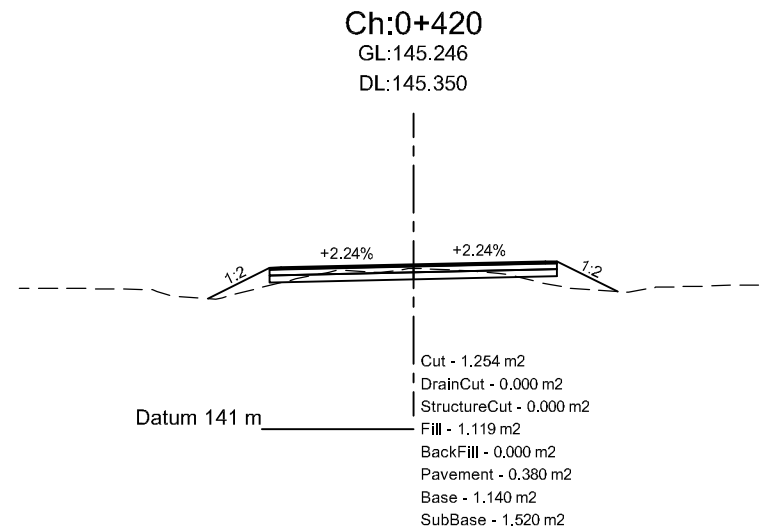
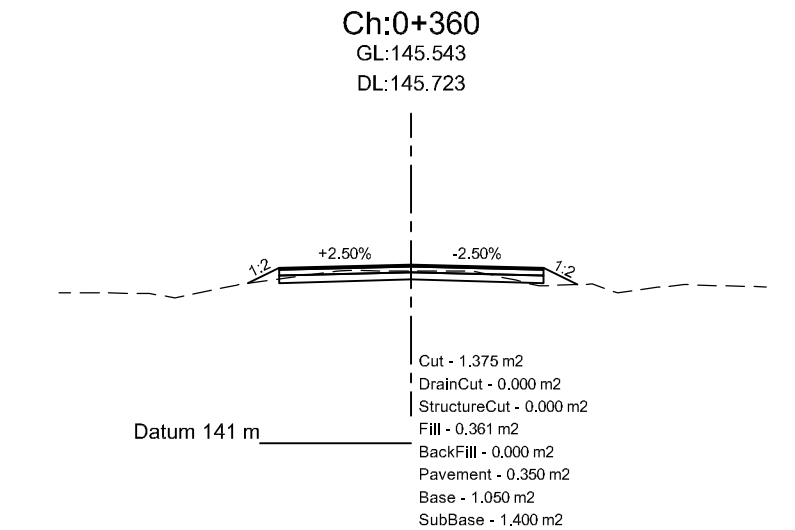
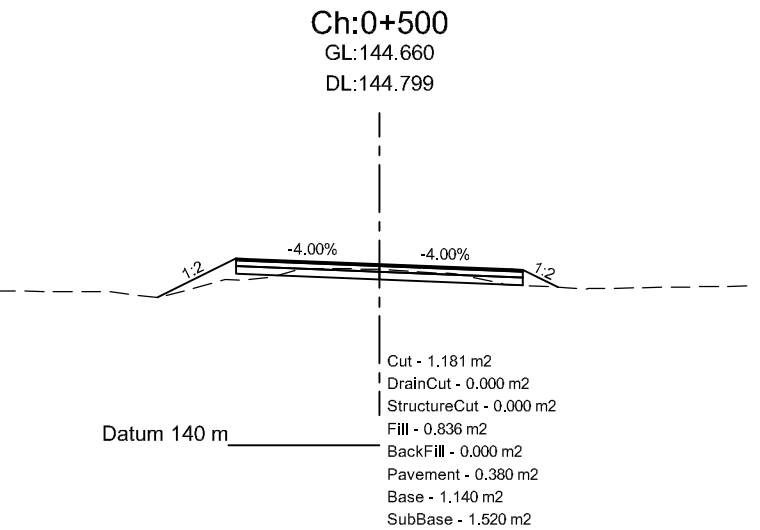
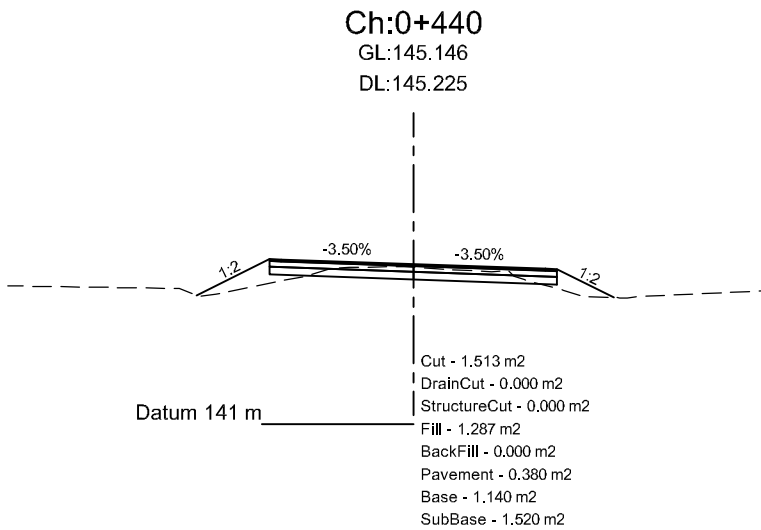
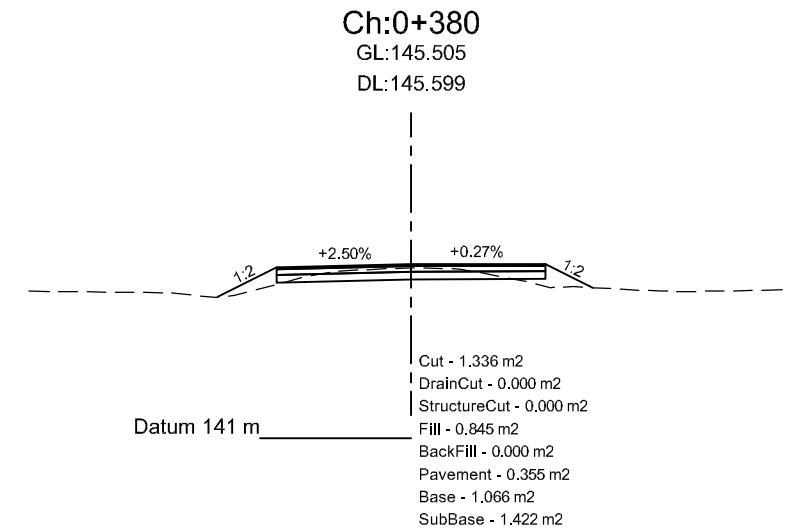
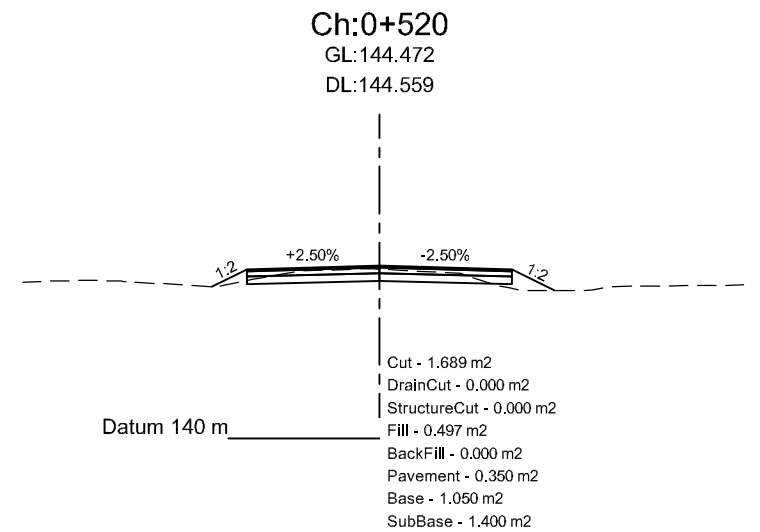
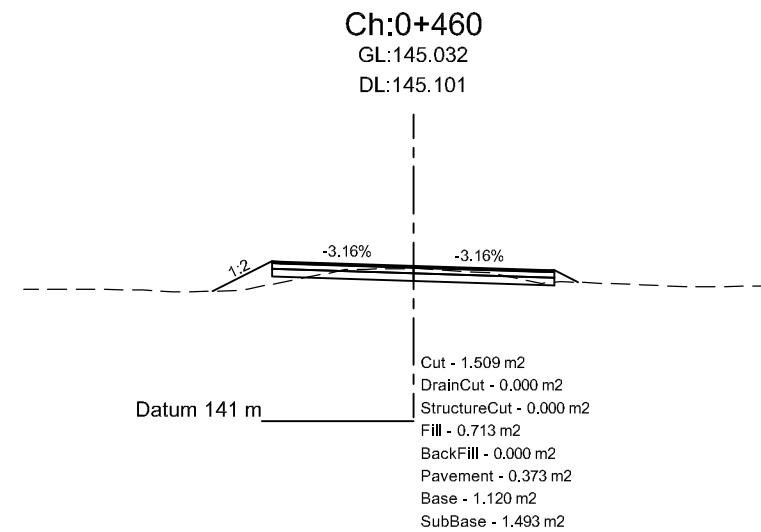
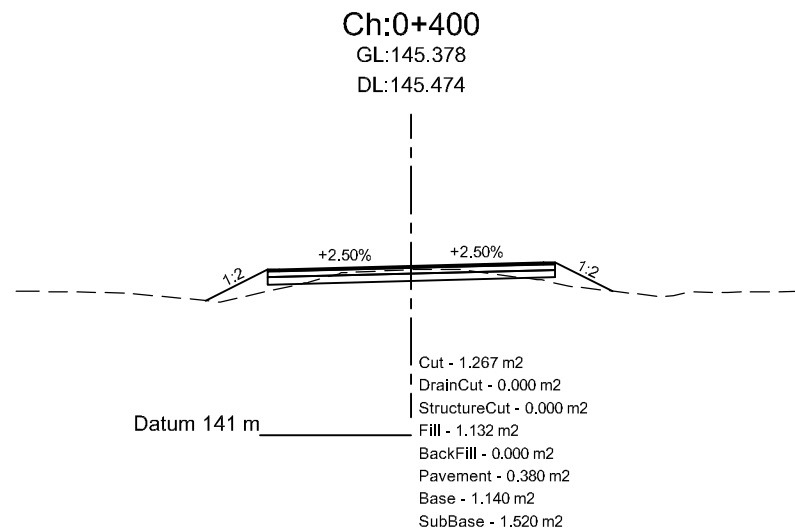
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Cross-Section
SITALAPUR DANDA - JARLAIYA
DUIIMUHAN CHOWK ROAD
CH 0+000 - 2+907.79 Km

REV : DEC 2024
DRG NO : SM/RD/CS/2
CHAINAGE : 0+180-0+340
SHEET NO : 2

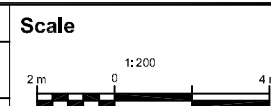


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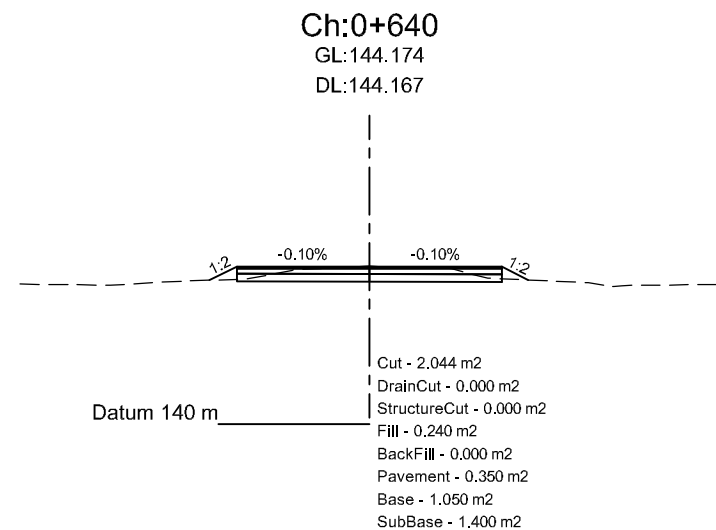
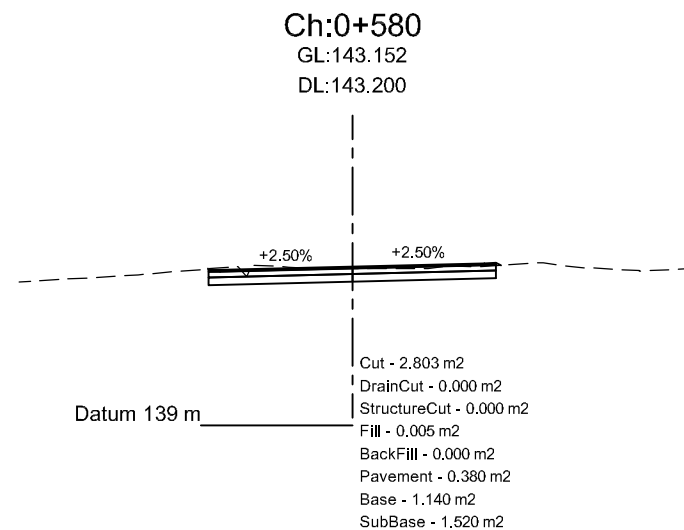
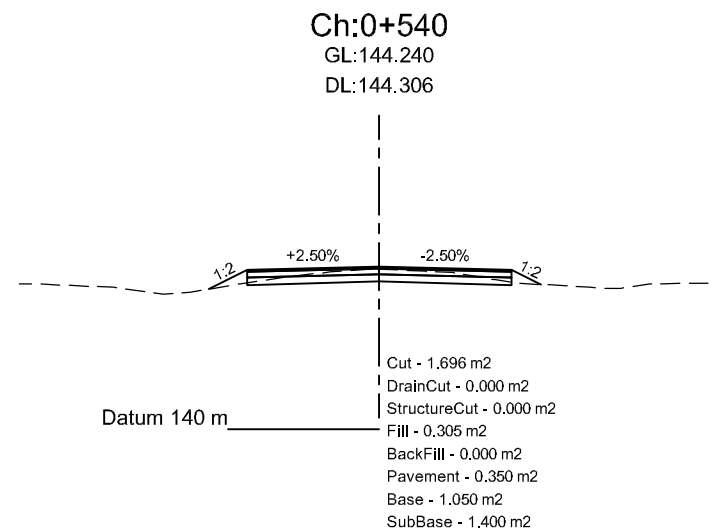
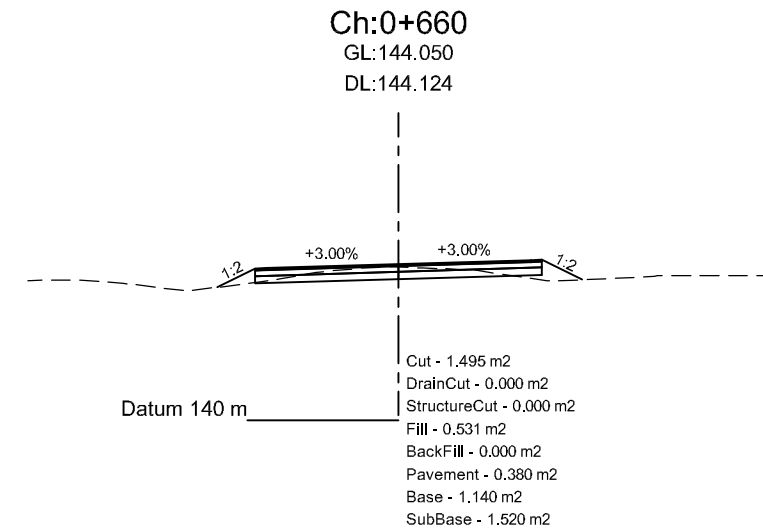
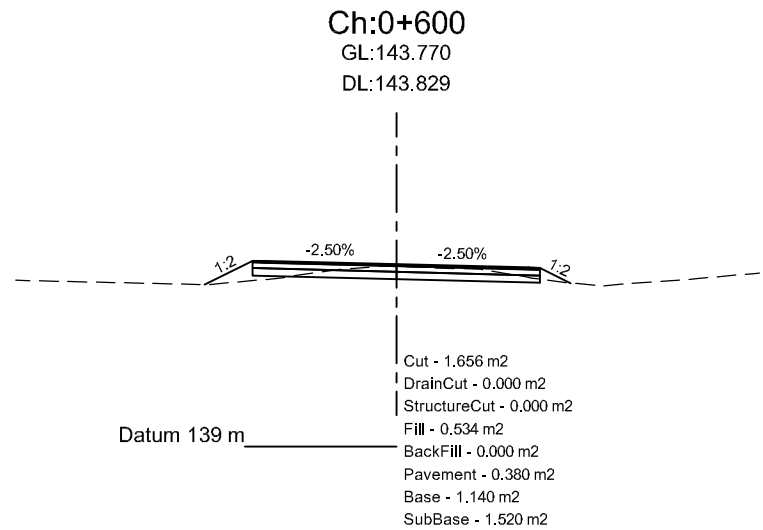
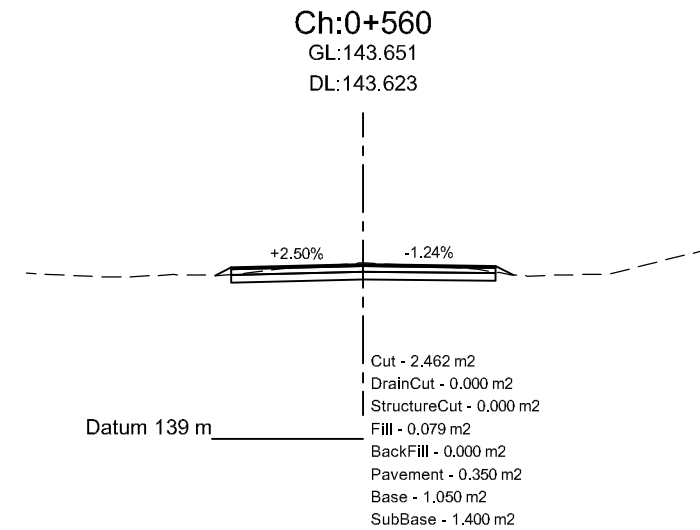
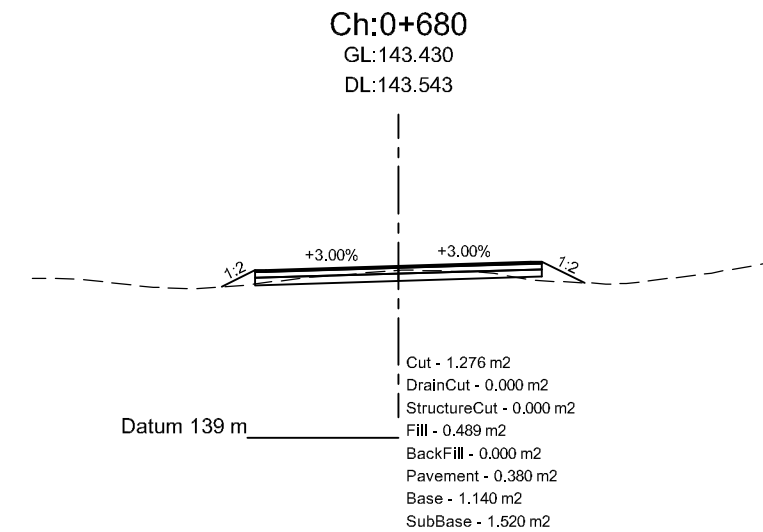
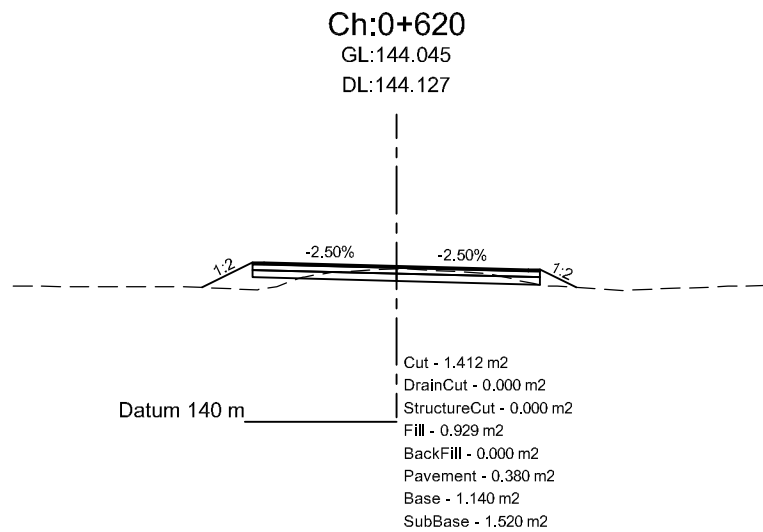
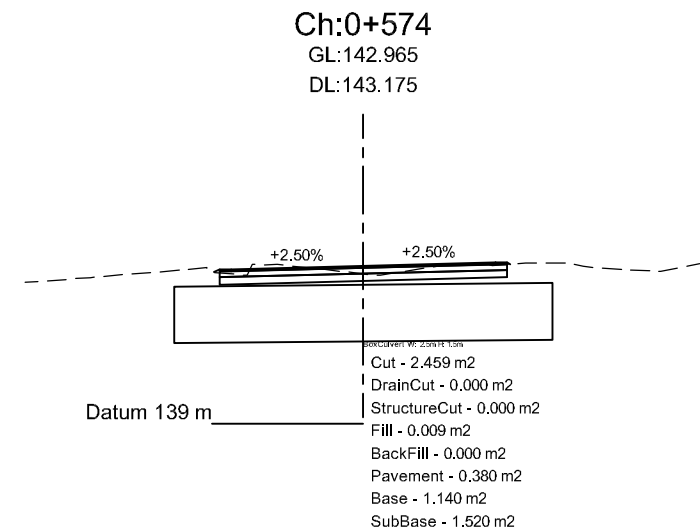
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Cross-Section
SITALAPUR DANDA - JARLAIYA
DUIMUHAN CHOWK ROAD
CH 0+000 - 2+907.79 Km

REV : DEC 2024
DRG NO : SM/RD/CS/3
CHAINAGE : 0+360-0+520
SHEET NO : 3

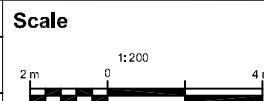


Department of Urban Development & Building
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Mid- Baneshwor, Kathmandu
Tel: 01- 4589393

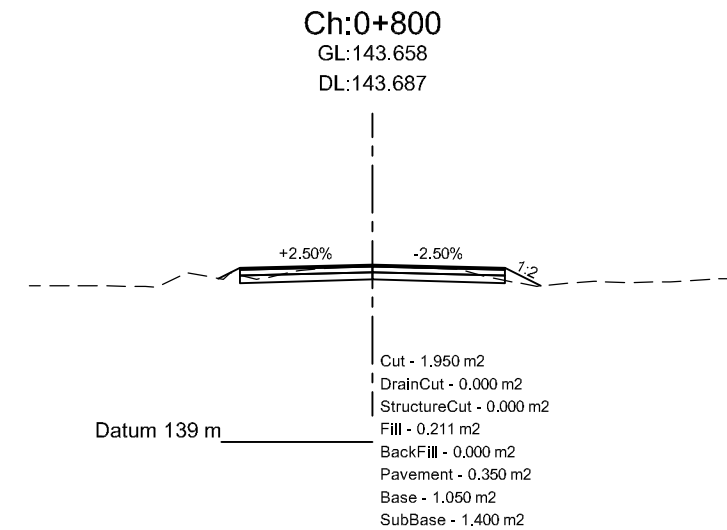
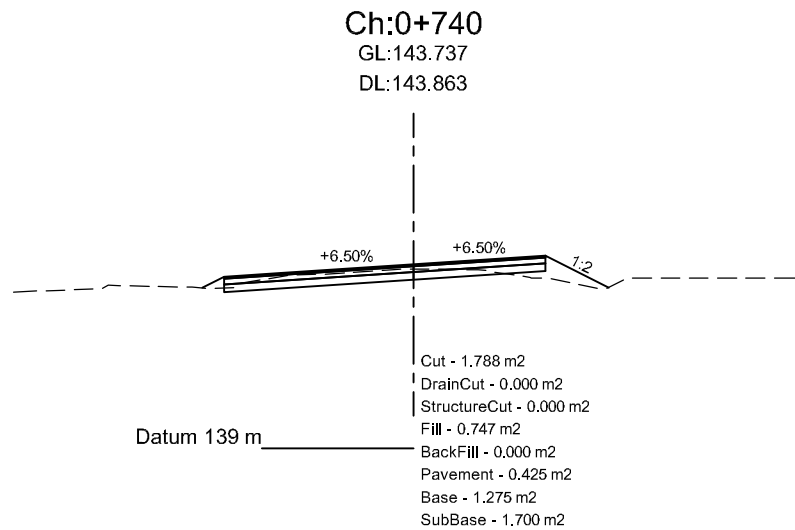
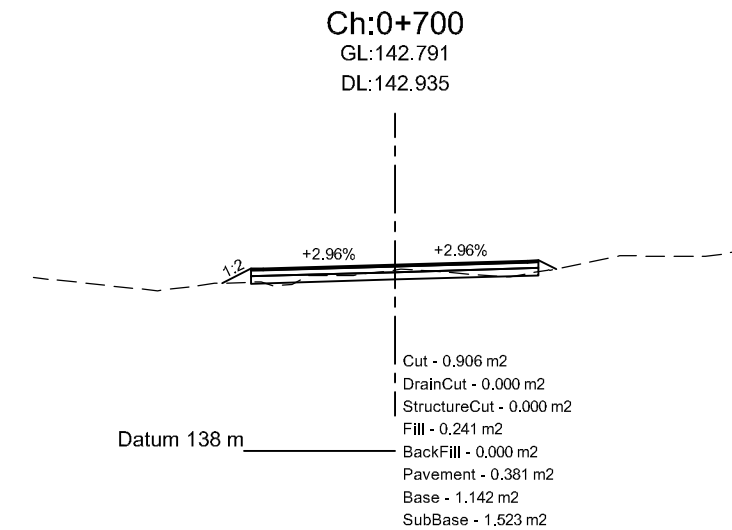
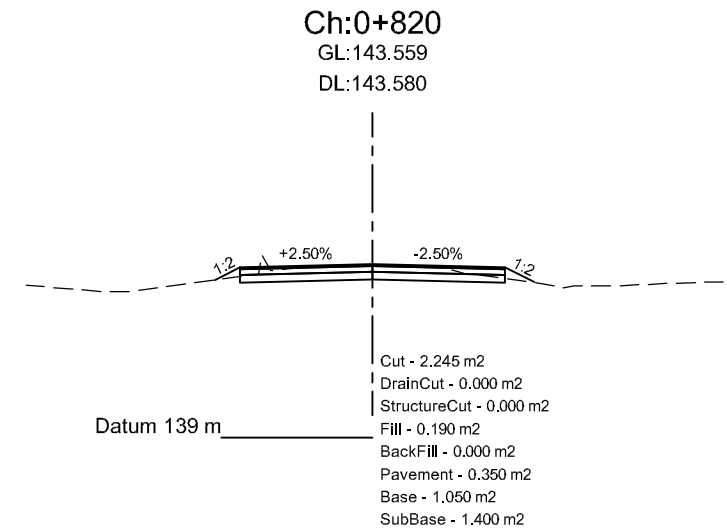
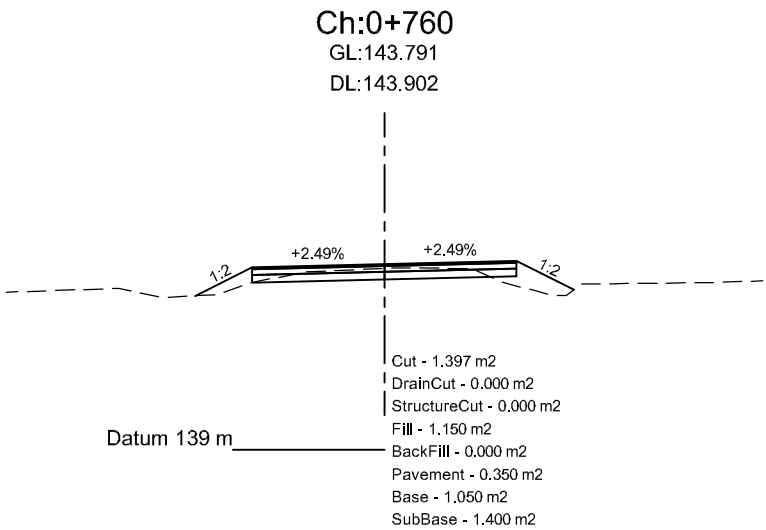
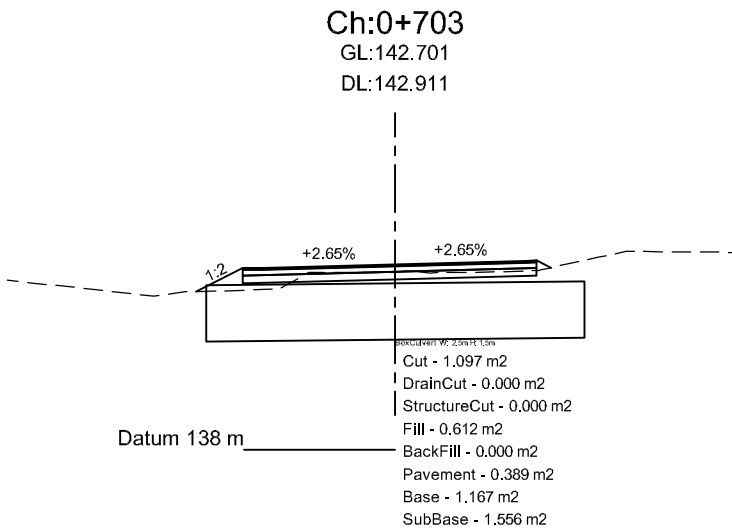
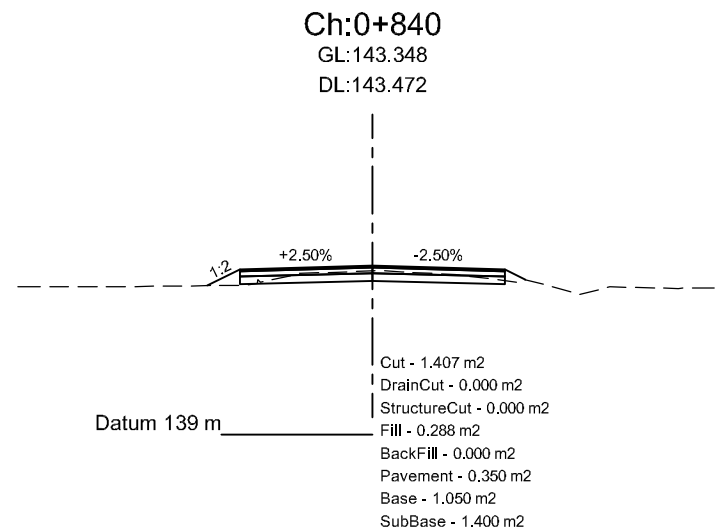
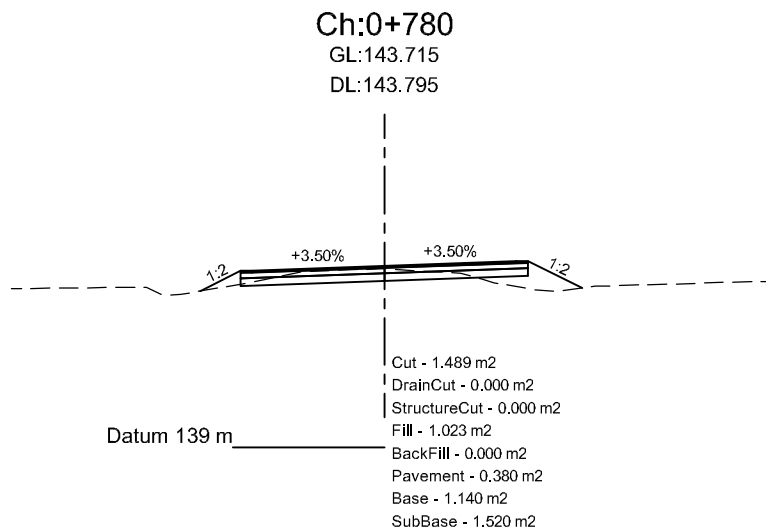
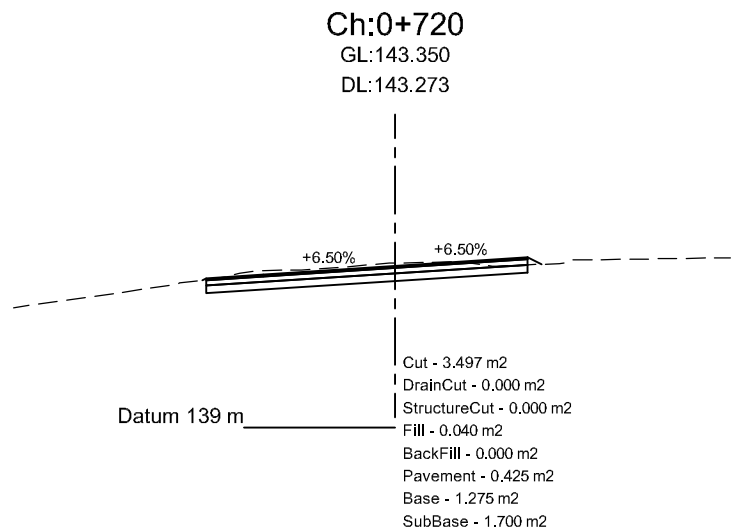
Consultant
Team Leader : YOO CHANGMIN
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Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Cross-Section
SITALAPUR DANDA - JARLAIYA
DUIMUHAN CHOWK ROAD
CH 0+000 - 2+907.79 Km

REV : DEC 2024
DRG NO : SM/RD/CS/4
CHAINAGE : 0+540-0+680
SHEET NO : 4

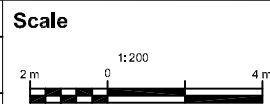


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Tel: 01- 4589393

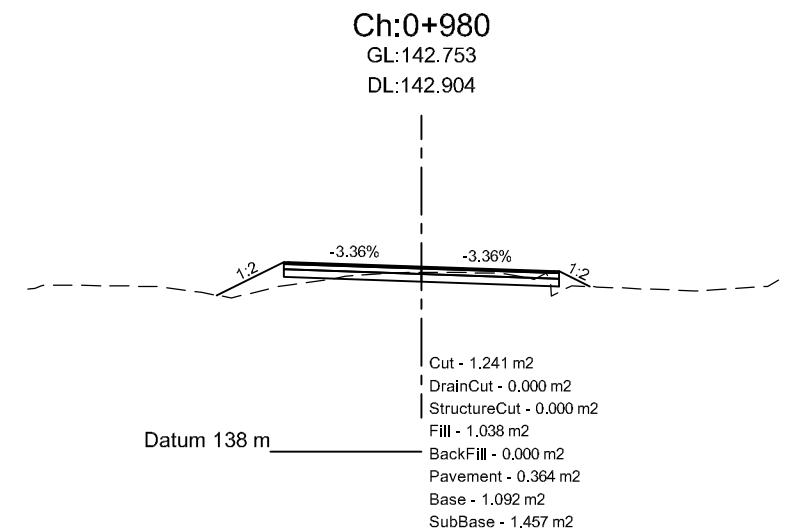
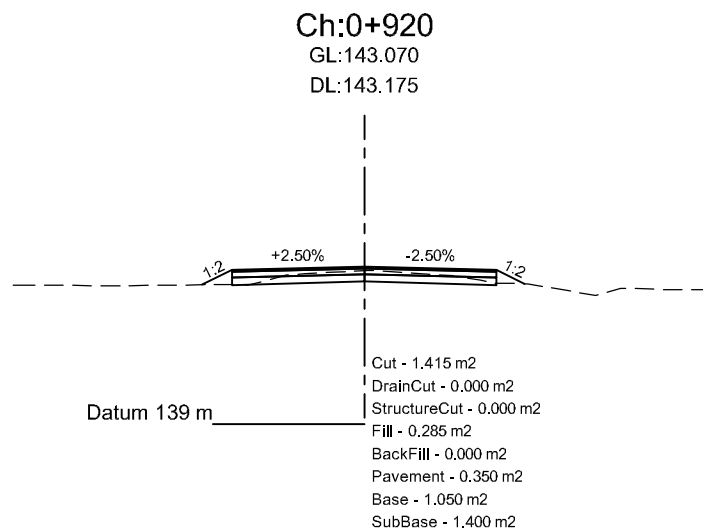
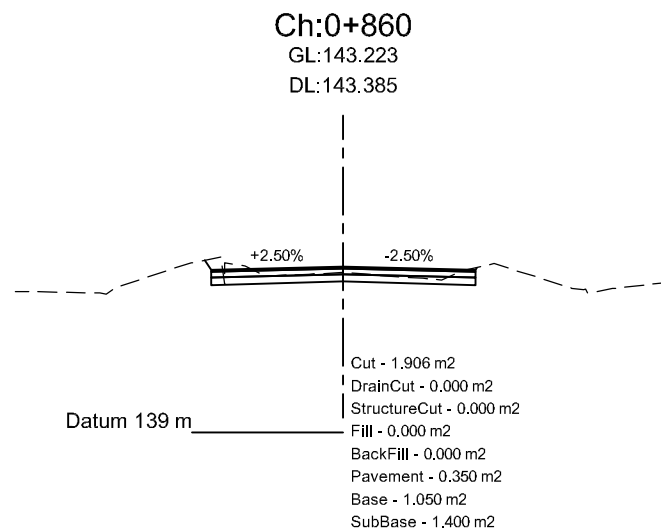
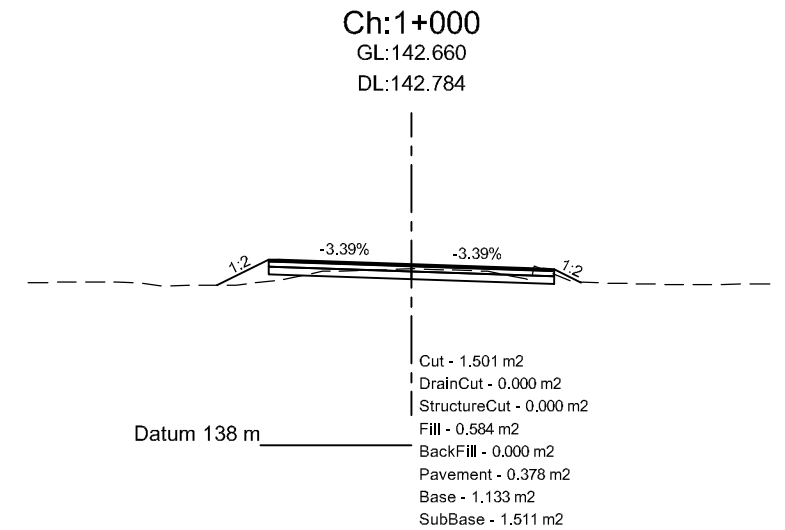
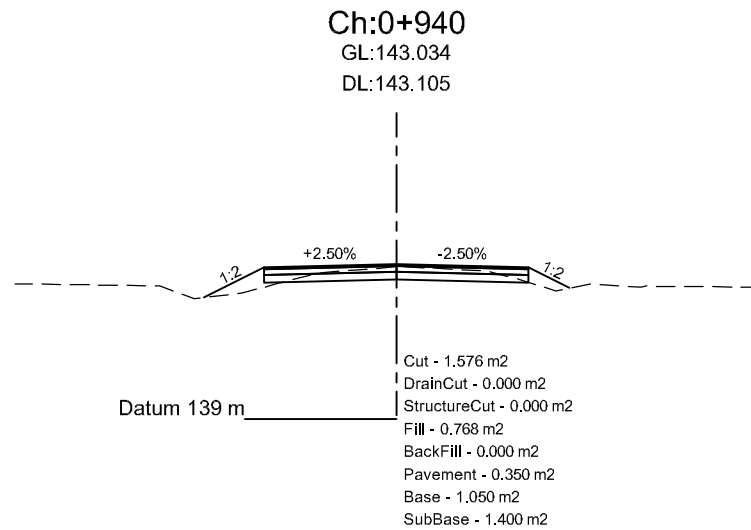
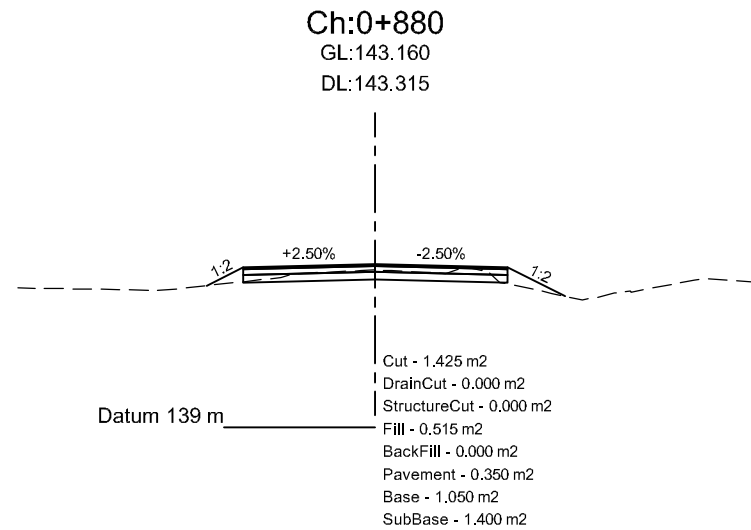
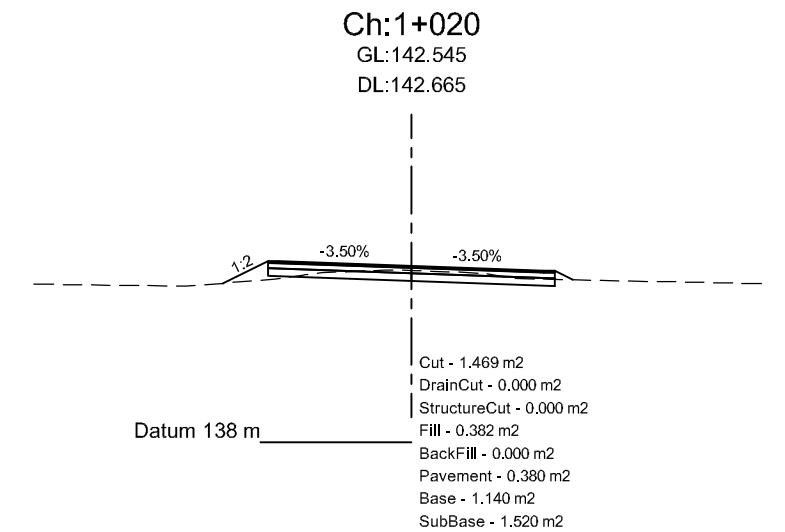
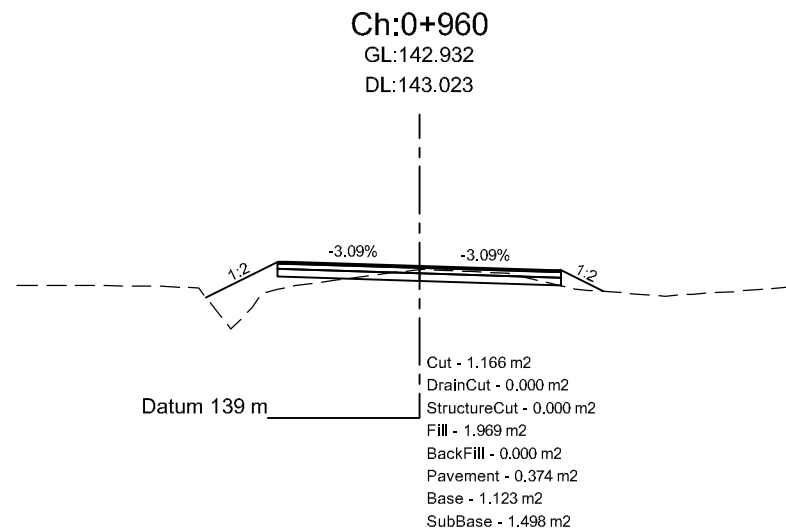
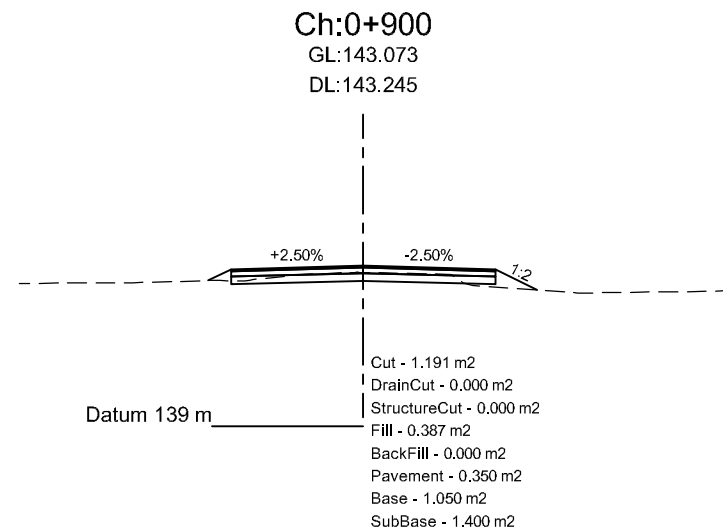
Consultant
Team Leader : YOO CHANGMIN
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Designed By : MANJU MUNANKARMI

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Approved By :
Checked By :



Cross-Section
SITALAPUR DANDA - JARLAIYA
DUIMUHAN CHOWK ROAD
CH 0+000 - 2+907.79 Km

REV : DEC 2024
DRG NO : SM/RD/CS/5
CHAINAGE : 0+700-0+840
SHEET NO : 5

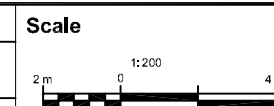


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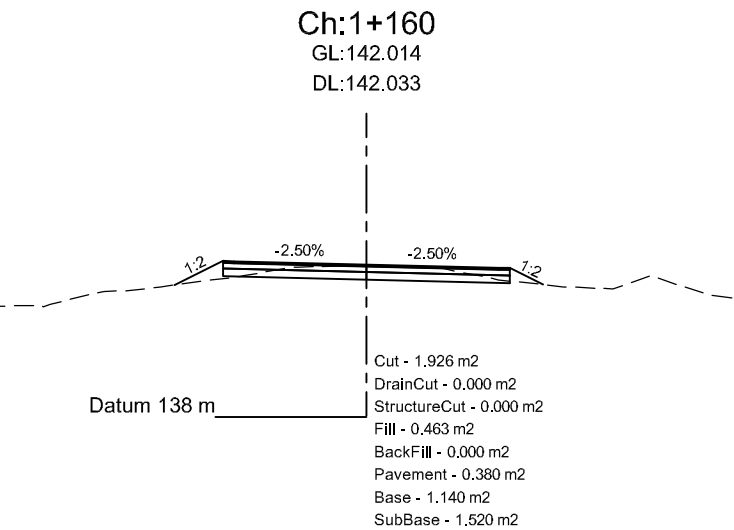
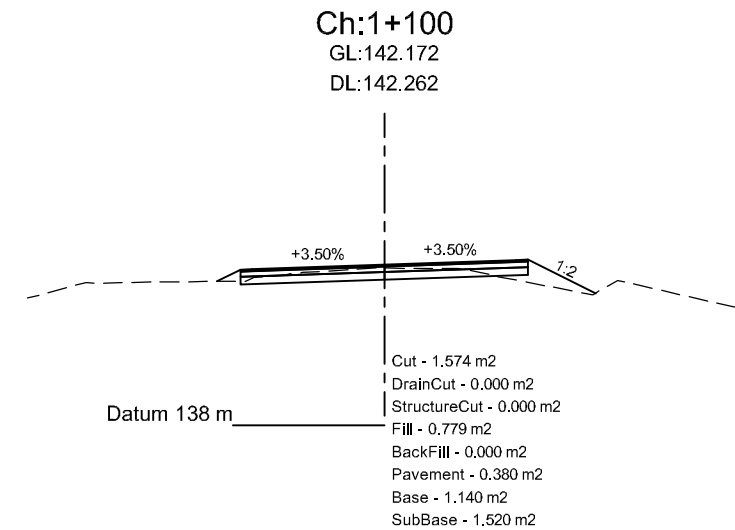
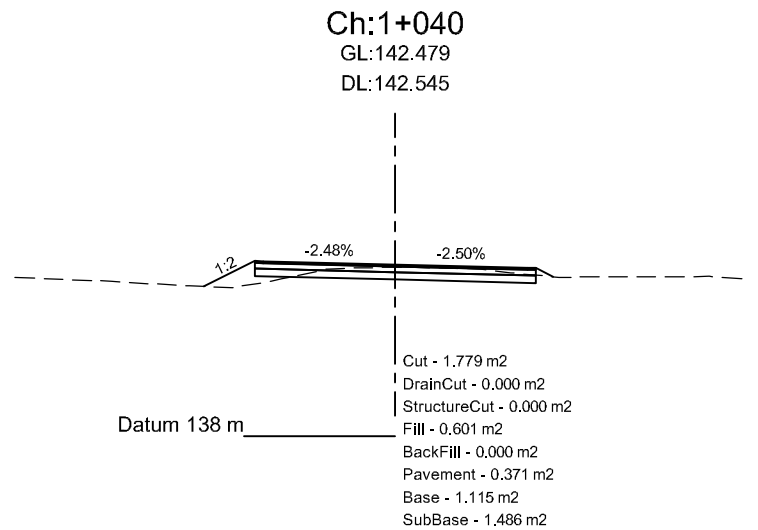
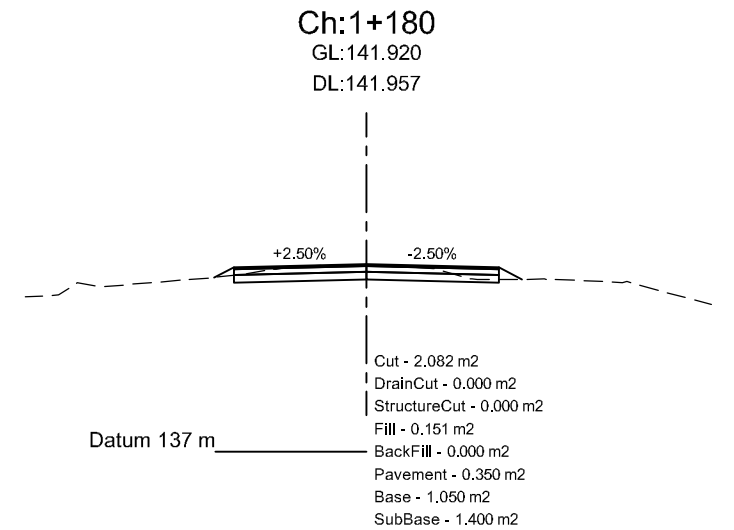
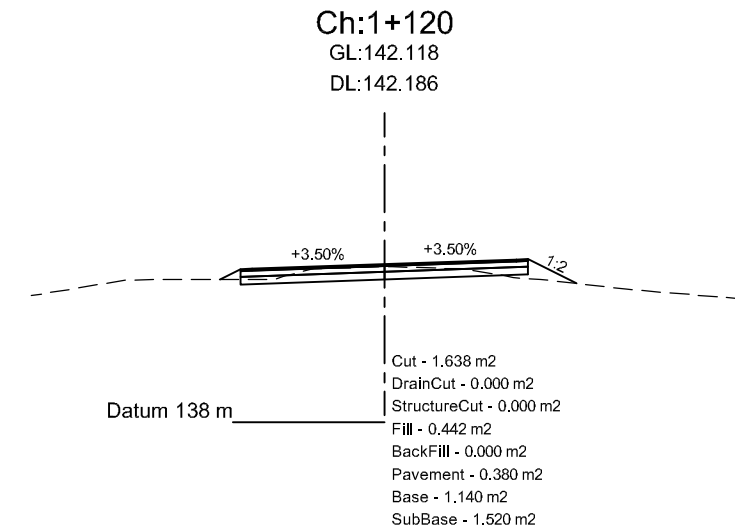
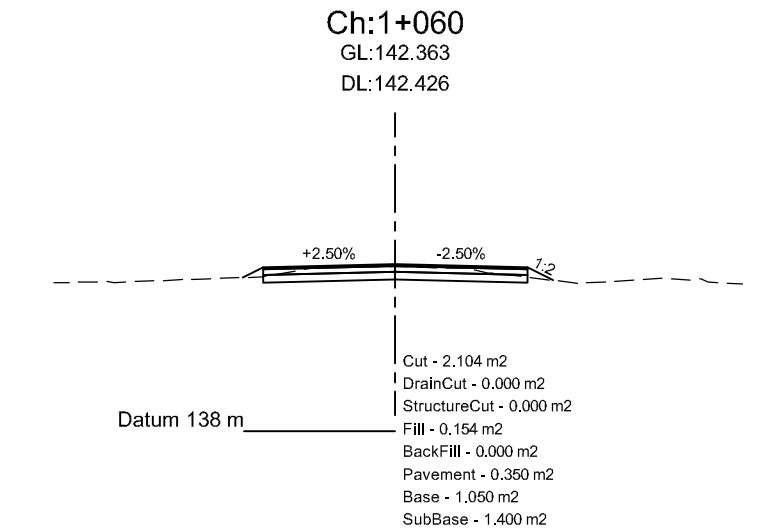
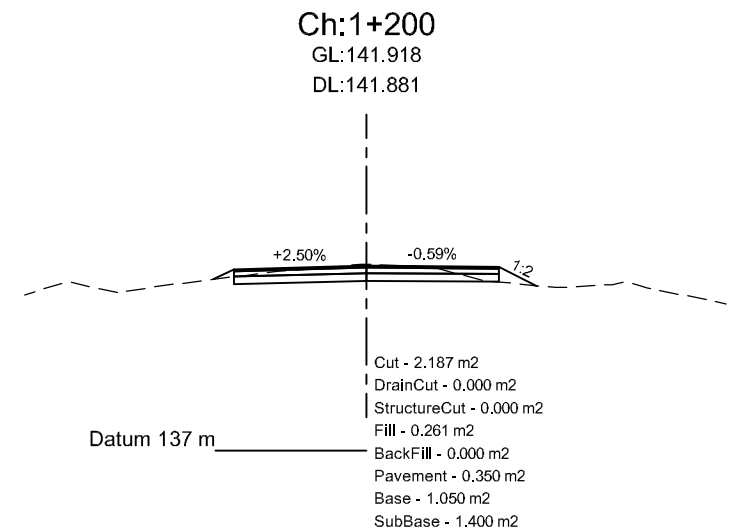
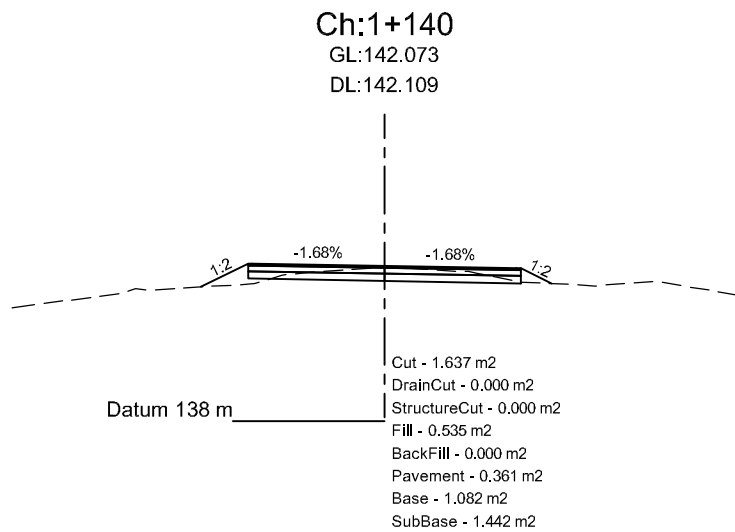
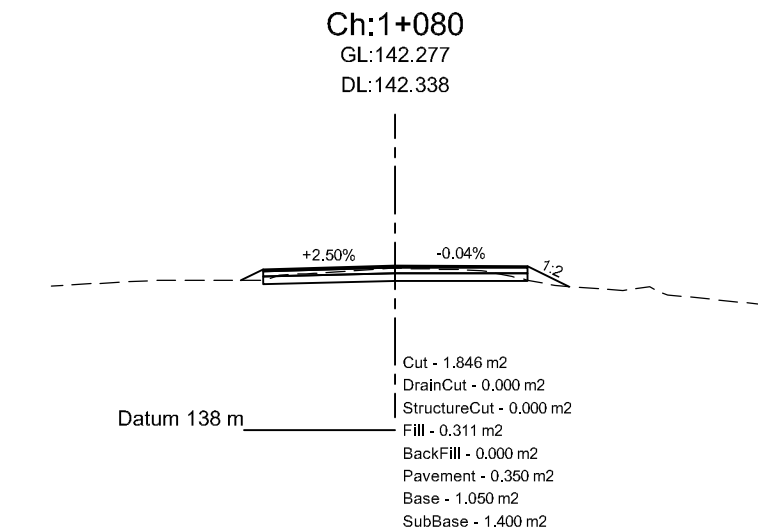
Consultant
Team Leader : YOO CHANGMIN
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Designed By : MANJU MUNANKARMI

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Approved By :
Checked By :



Cross-Section
SITALAPUR DANDA - JARLAIYA
DUIIMUHAN CHOWK ROAD
CH 0+000 - 2+907.79 Km

REV : DEC 2024
DRG NO : SM/RD/CS/6
CHAINAGE : 0+860-1+020
SHEET NO : 6

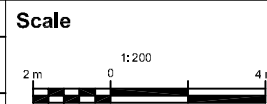


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Mid- Baneshwor, Kathmandu
Tel: 01- 4589393

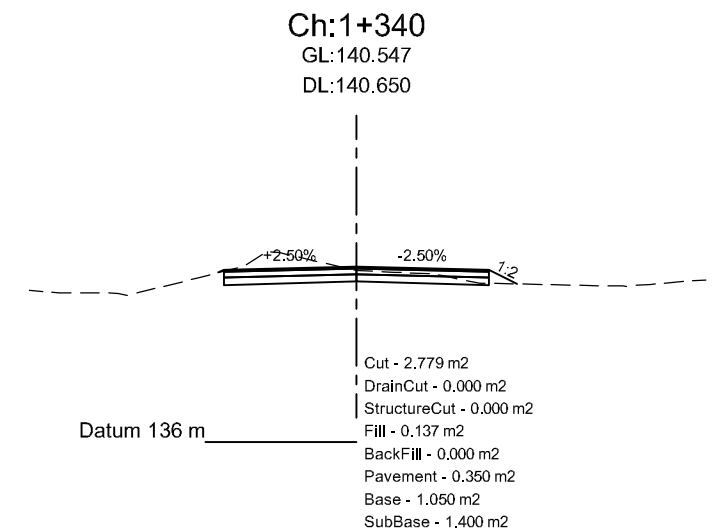
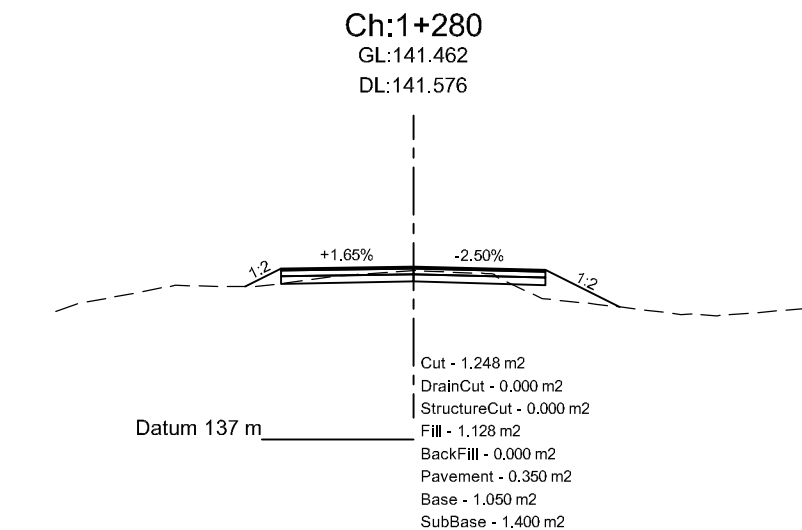
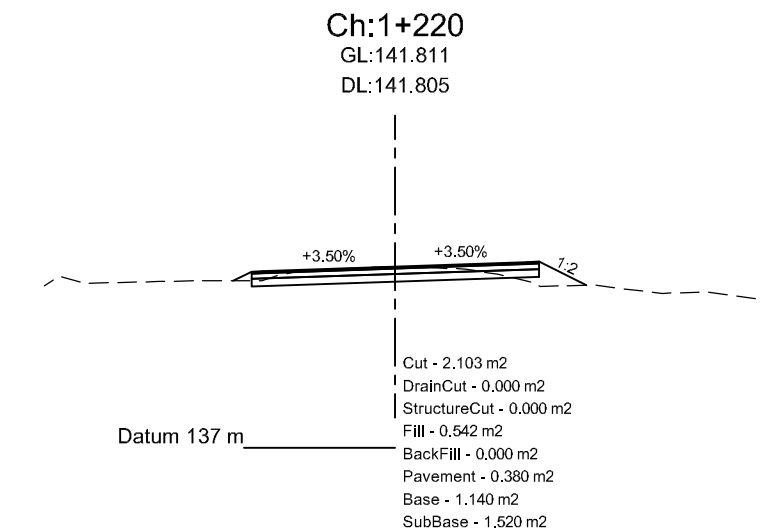
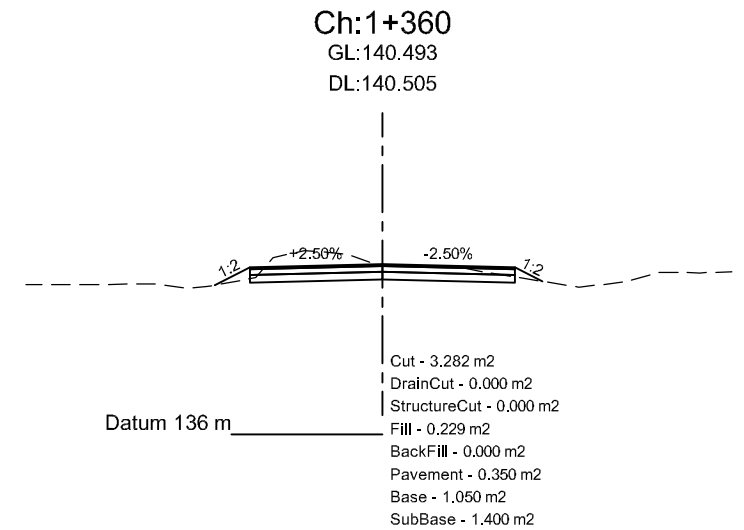
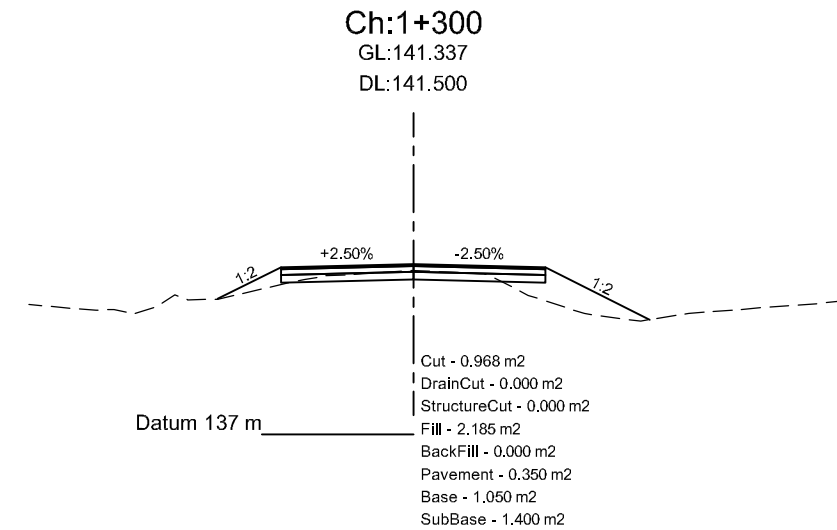
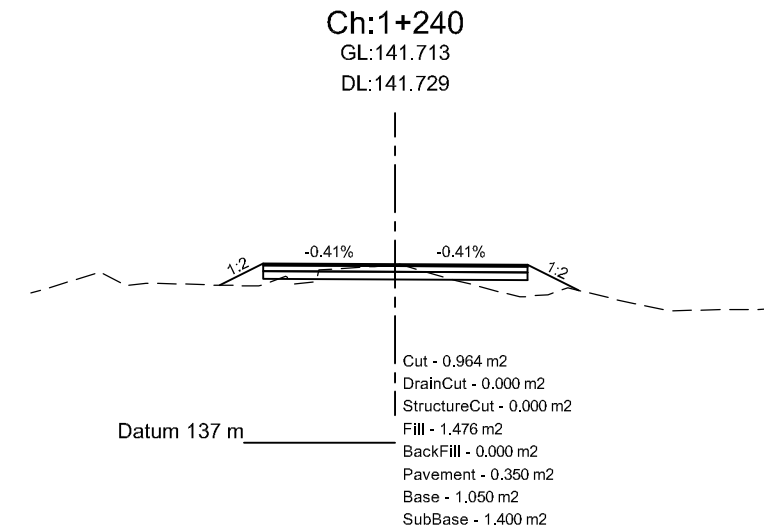
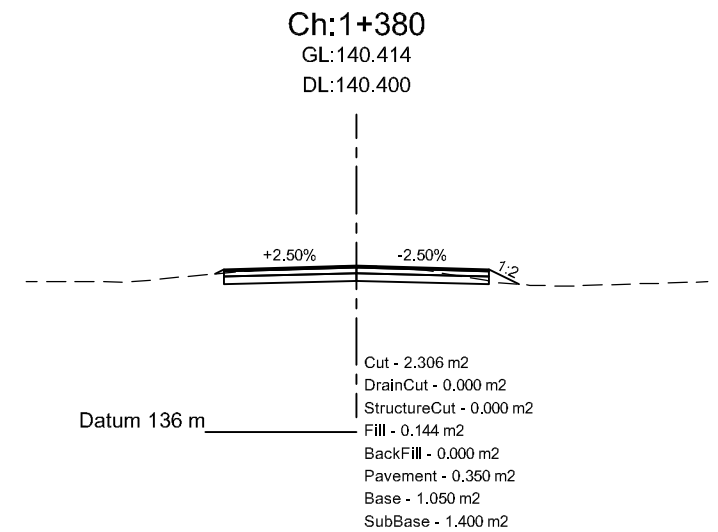
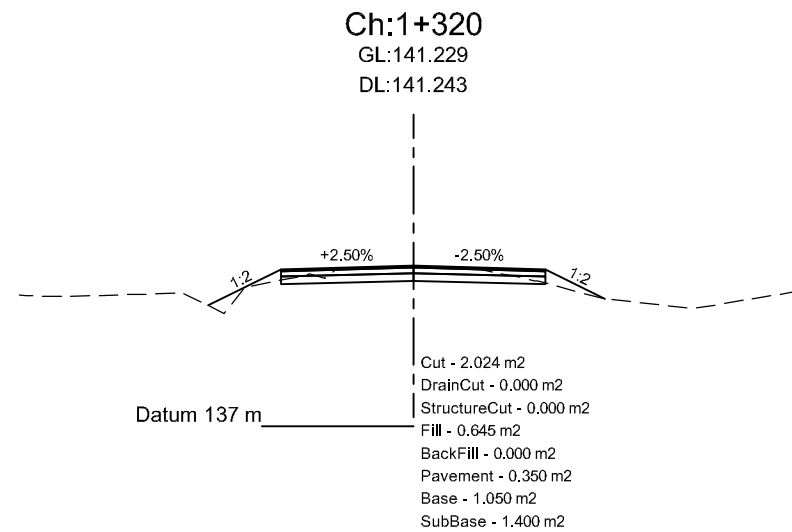
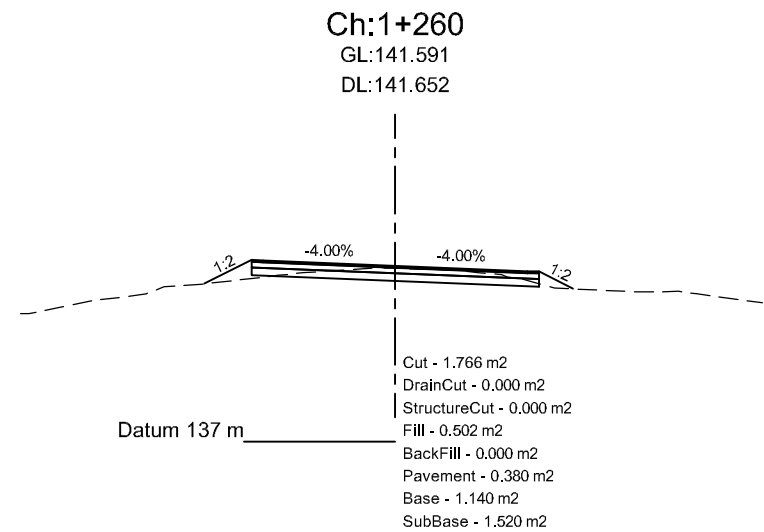
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Cross-Section
SITALAPUR DANDA - JARLAIYA
DUIMUHAN CHOWK ROAD
CH 0+000 - 2+907.79 Km

REV : DEC 2024
DRG NO : SM/RD/CS/7
CHAINAGE : 1+040-1+200
SHEET NO : 7

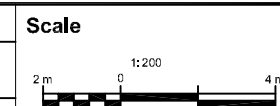


Department of Urban Development & Building
Construction (DUDBC)
Regional Urban Development Project (RUDP)
Project Coordination Office
Babarmahal, Kathmandu, Nepal

Reviewed & Designed By :
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Mid- Baneshwor, Kathmandu
Tel: 01- 4589393

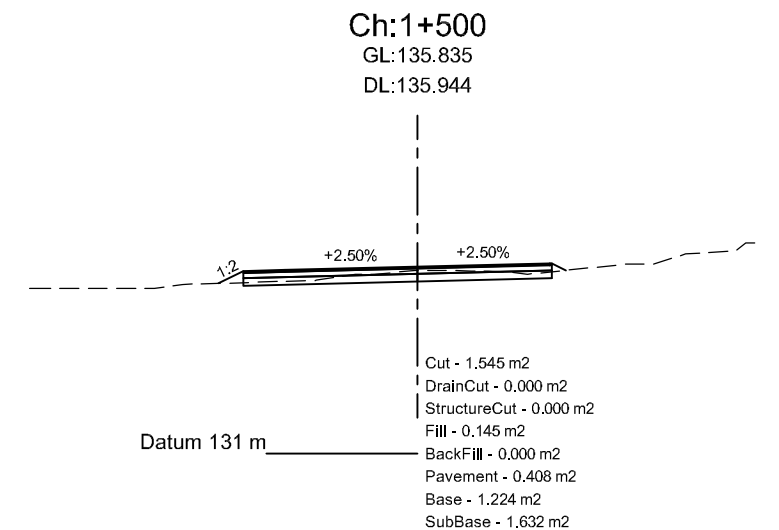
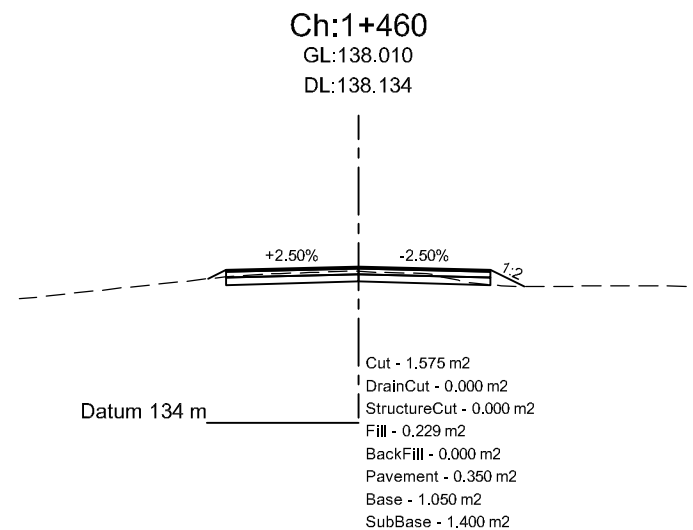
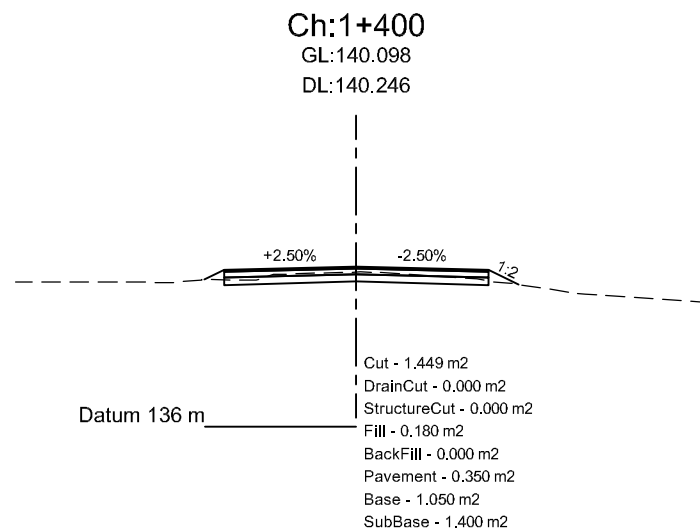
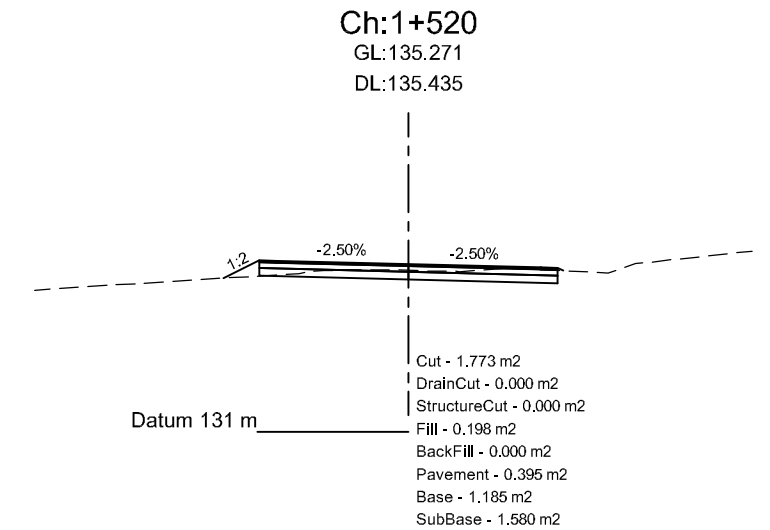
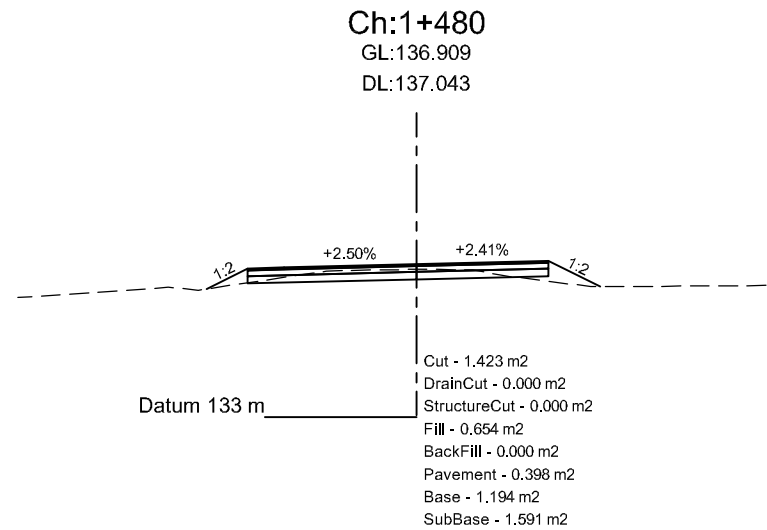
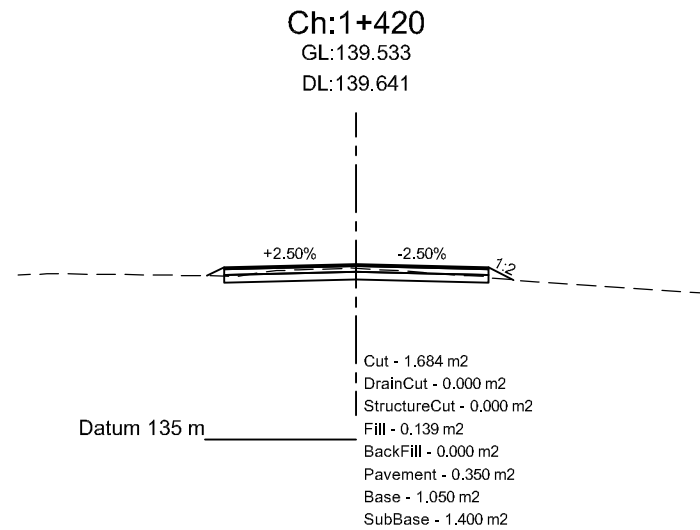
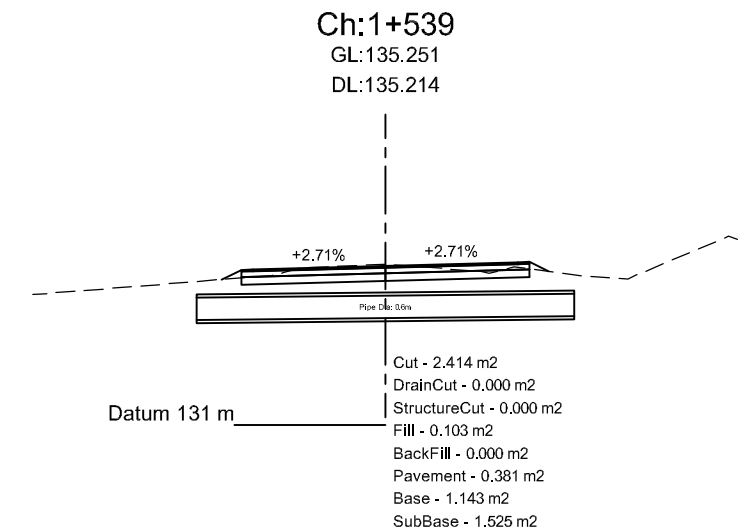
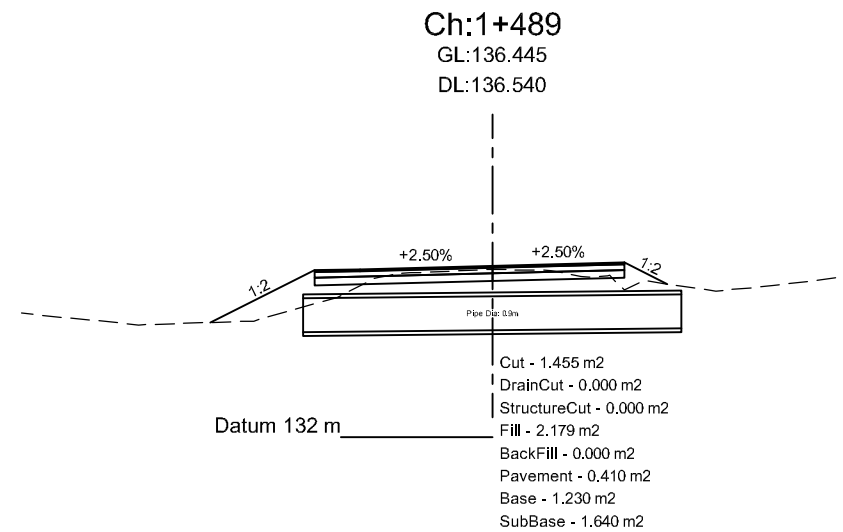
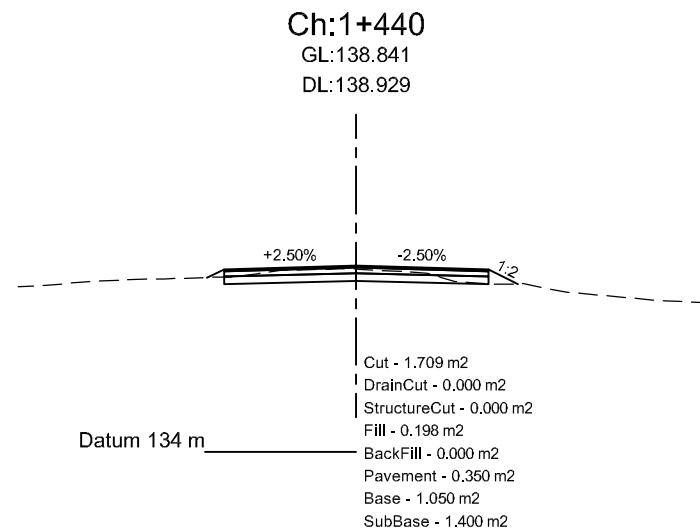
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

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Approved By :
Checked By :



Cross-Section
SITALAPUR DANDA - JARLAIYA
DUIMUHAN CHOWK ROAD
CH 0+000 - 2+907.79 Km

REV : DEC 2024
DRG NO : SM/RD/CS/8
CHAINAGE : 1+220-1+380
SHEET NO : 8

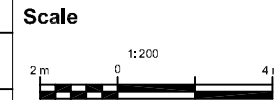


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Regional Urban Development Project (RUDP)
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Babarmahal, Kathmandu, Nepal

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Mid-Baneshwor, Kathmandu
Tel: 01- 4589393

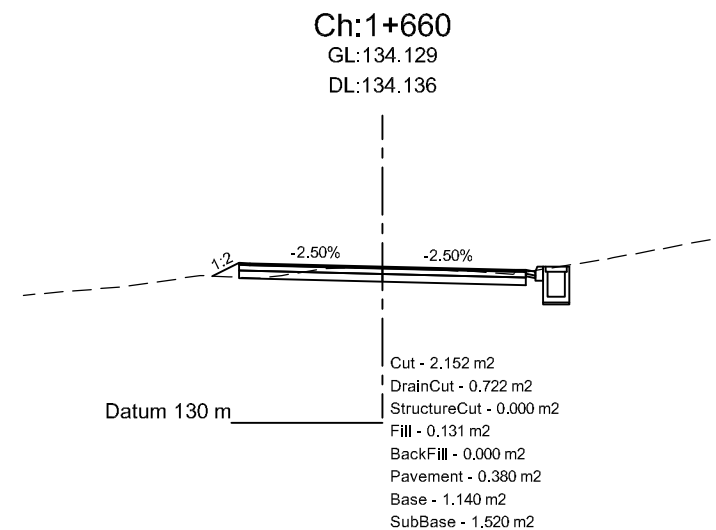
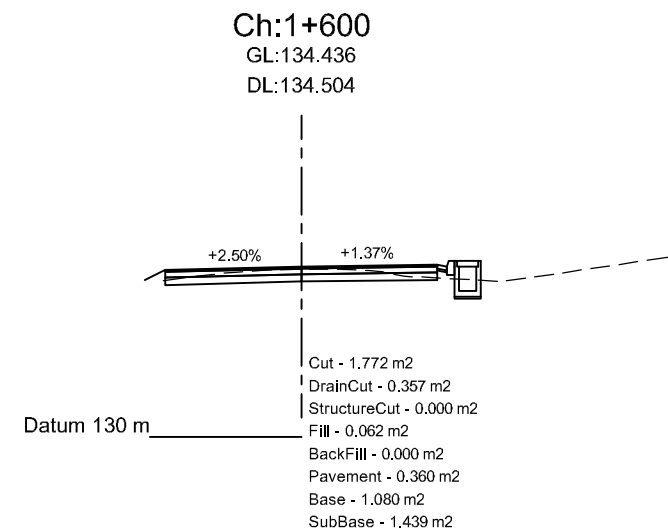
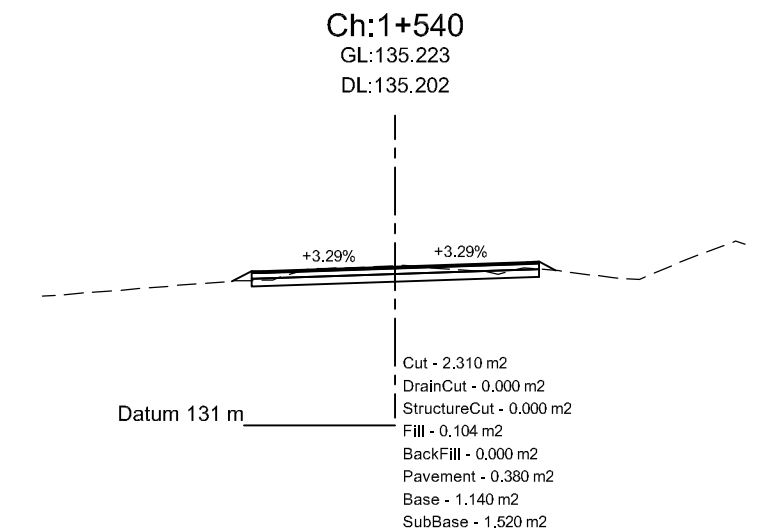
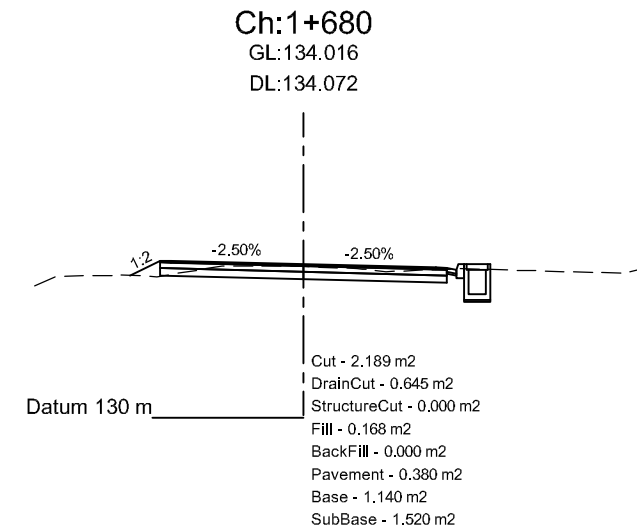
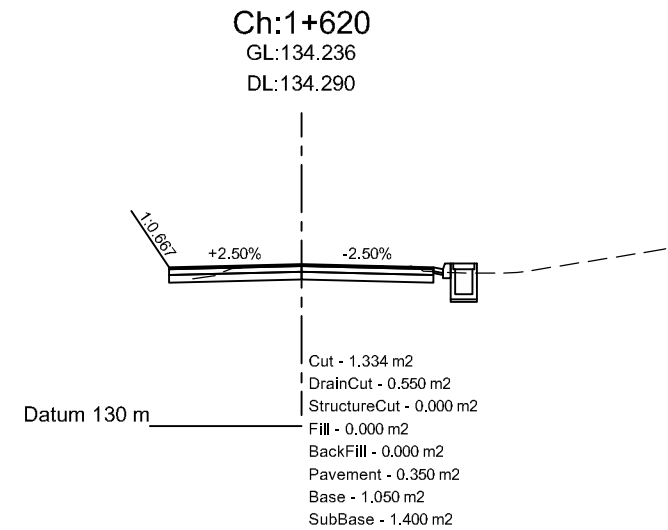
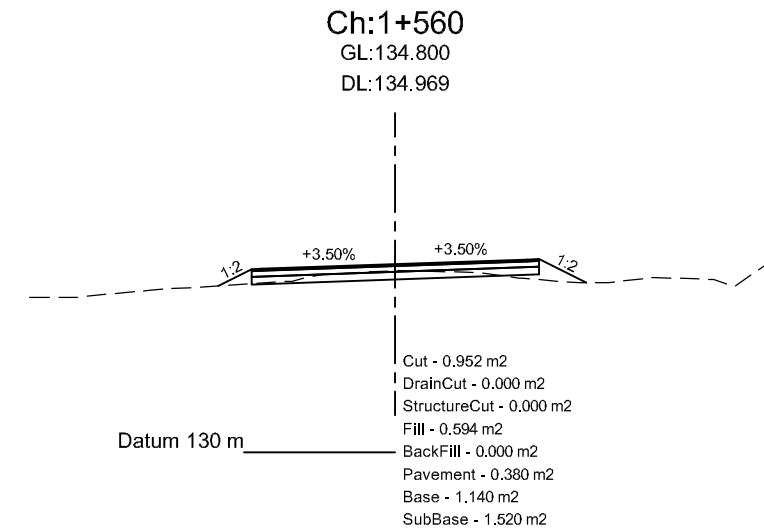
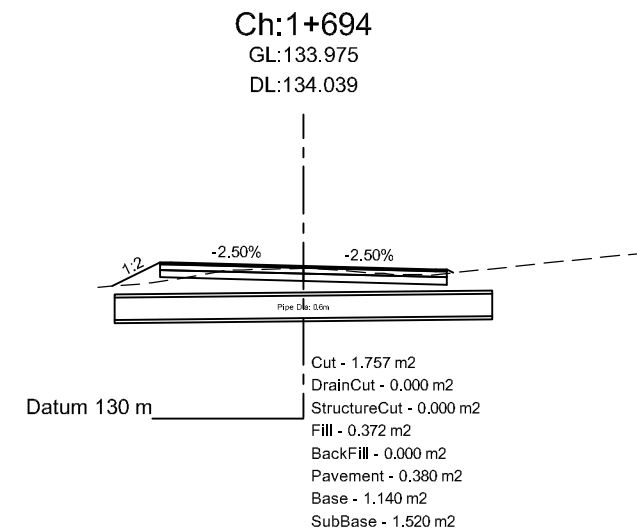
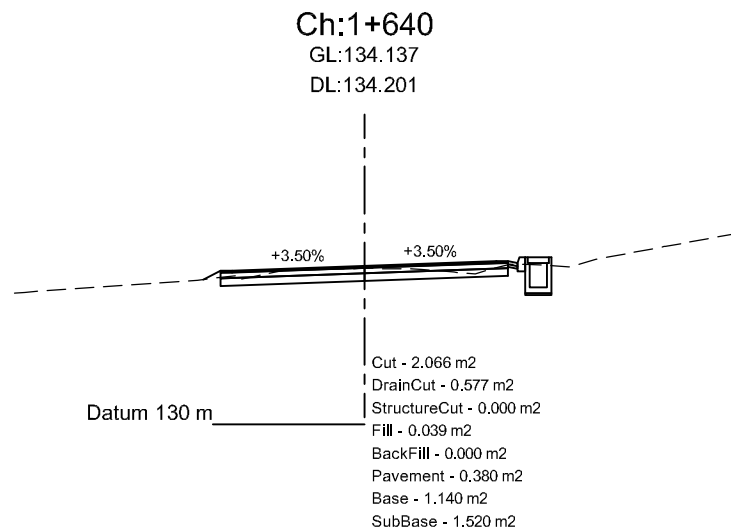
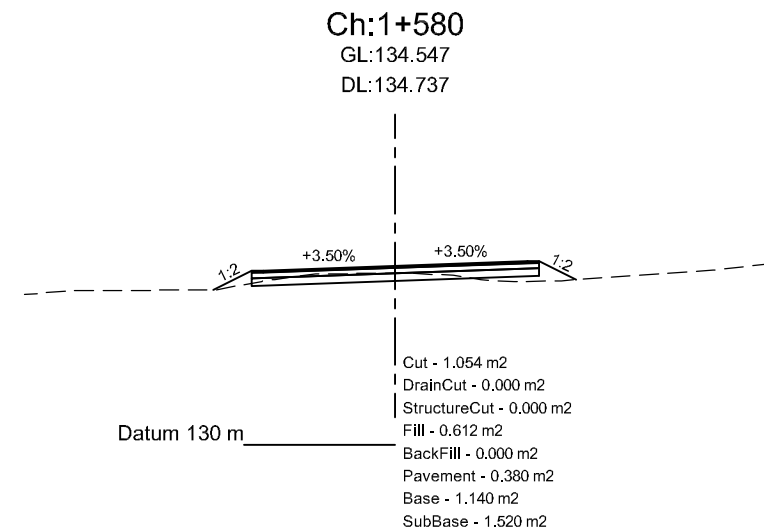
Consultant
Team Leader : YOO CHANGMIN
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Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Cross-Section
SITALAPUR DANDA - JARLAIYA
DUIMUHAN CHOWK ROAD
CH 0+000 - 2+907.79 Km

REV : DEC 2024
DRG NO : SM/RD/CS/9
CHAINAGE : 1+400-1+539
SHEET NO : 9

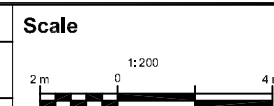


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Tel: 01- 4589393

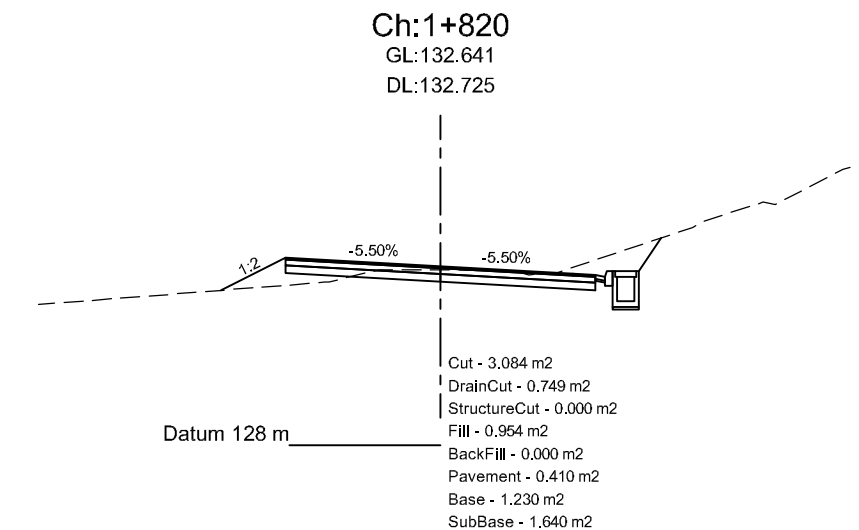
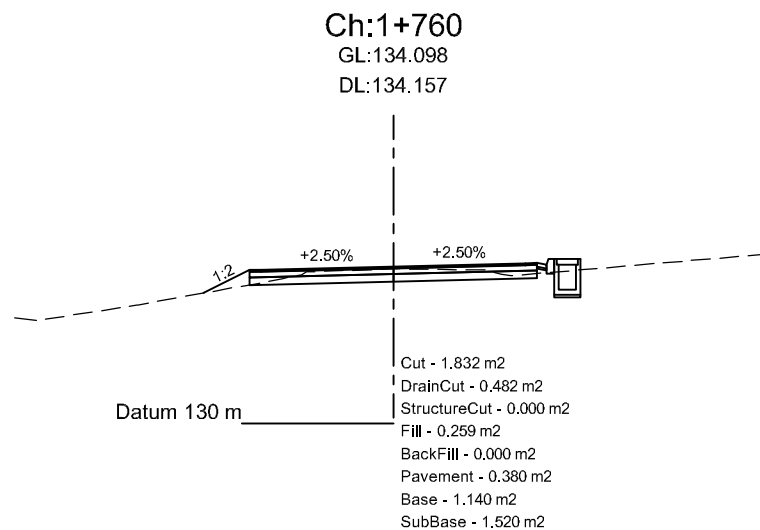
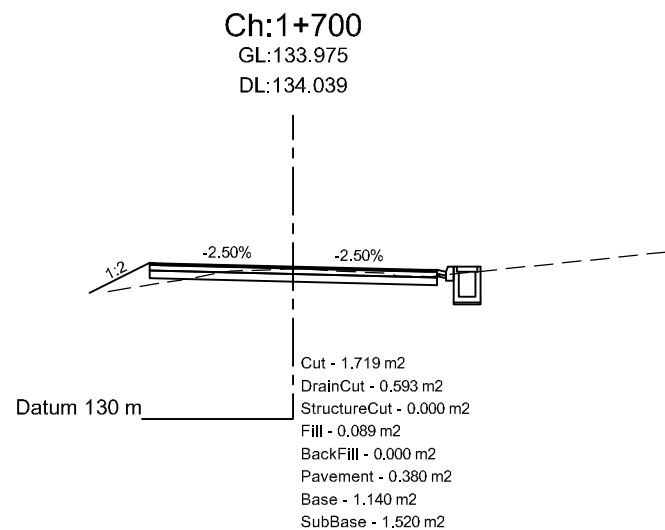
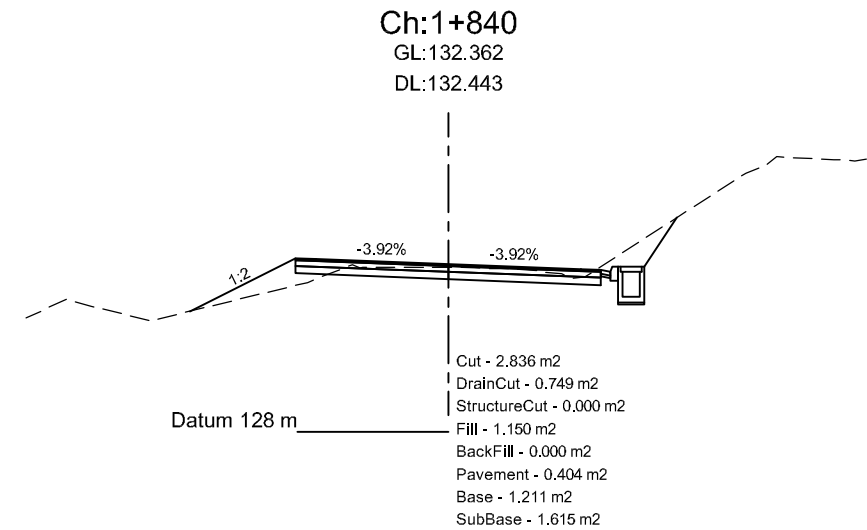
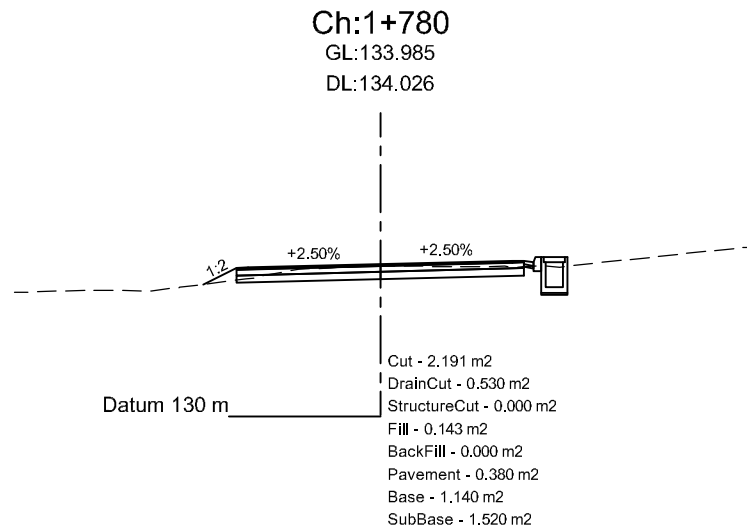
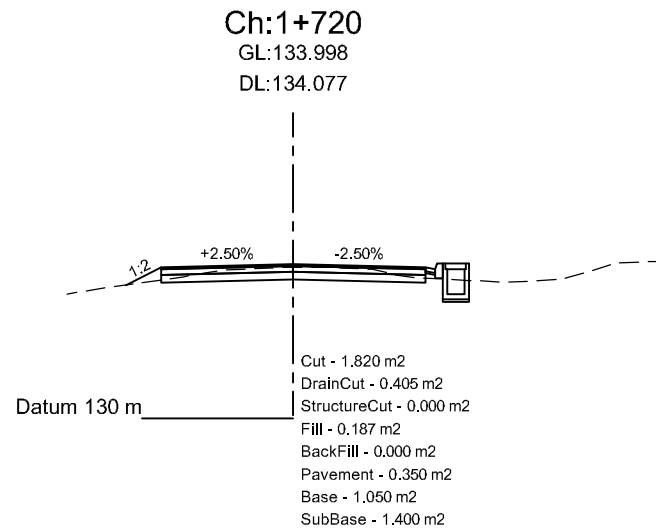
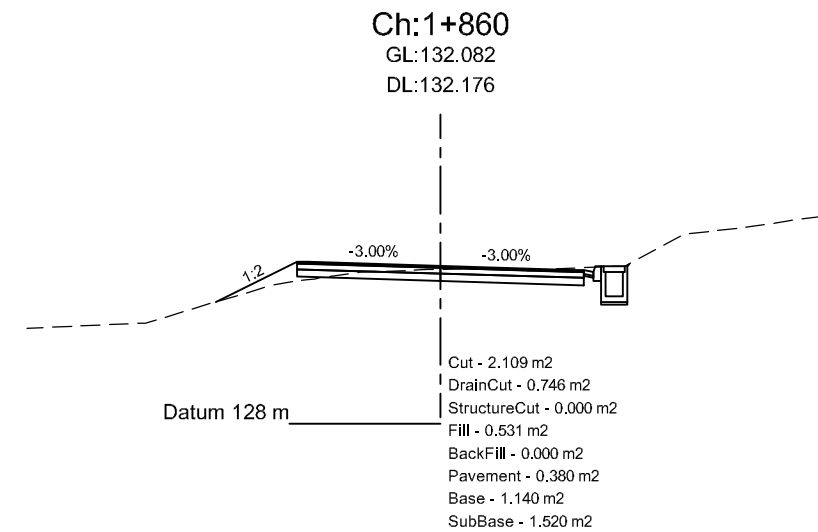
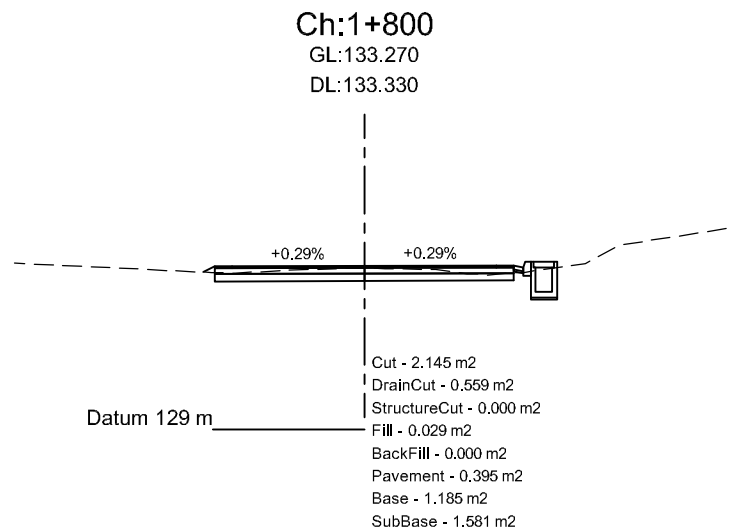
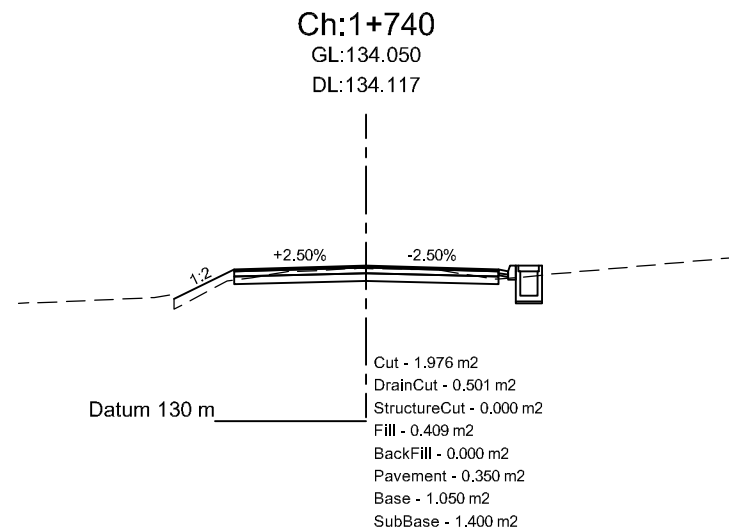
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Cross-Section
SITALAPUR DANDA - JARLAIYA
DUIIMUHAN CHOWK ROAD
CH 0+000 - 2+907.79 Km

REV : DEC 2024
DRG NO : SM/RD/CS/10
CHAINAGE : 1+540-1+694
SHEET NO : 10

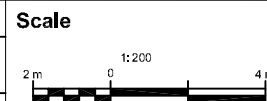


Department of Urban Development & Building
Construction (DUDBC)
Regional Urban Development Project (RUDP)
Project Coordination Office
Babarmahal, Kathmandu, Nepal

Reviewed & Designed By :
DOHWA Engineering Co. Ltd.
in Association with
ERMC (P.) Ltd., SILT Consultants (P.) Ltd., and
DIGICON (P.) Ltd.
Mid- Baneshwor, Kathmandu
Tel: 01- 4589393

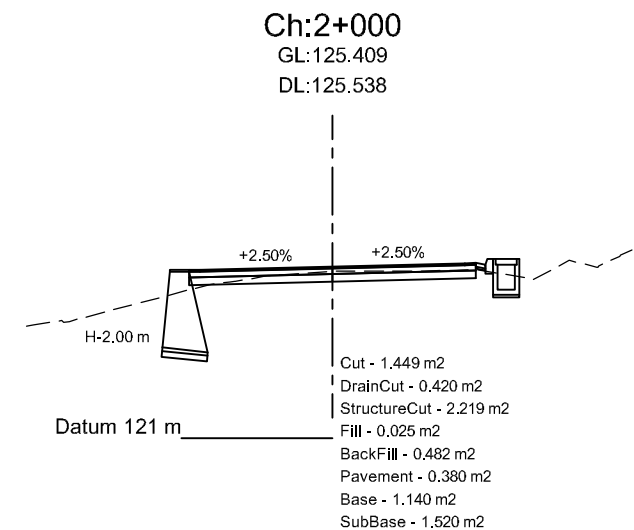
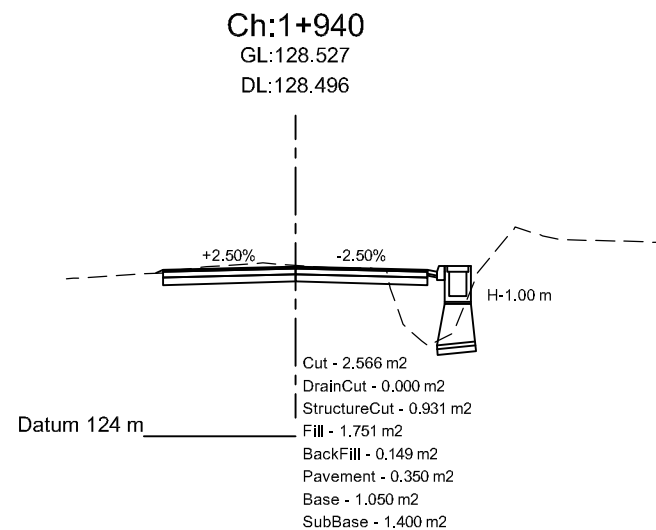
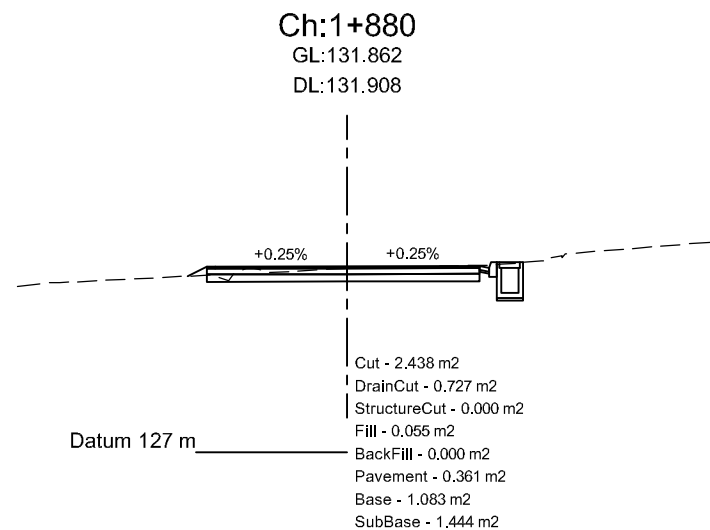
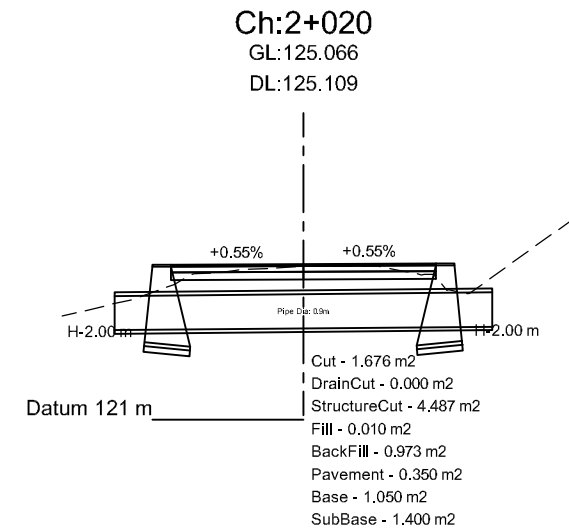
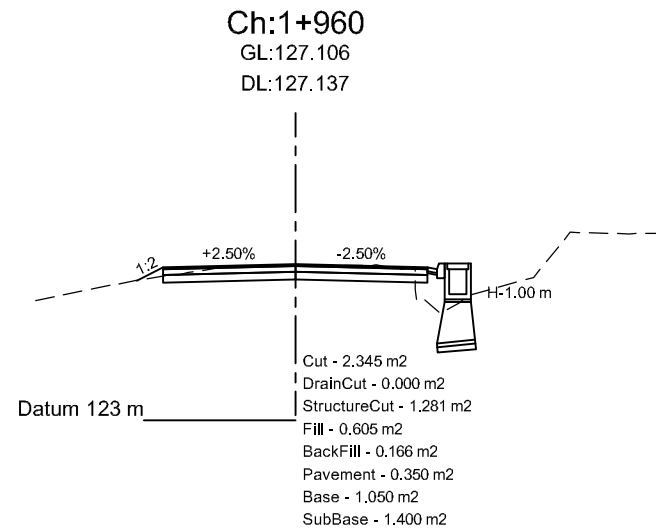
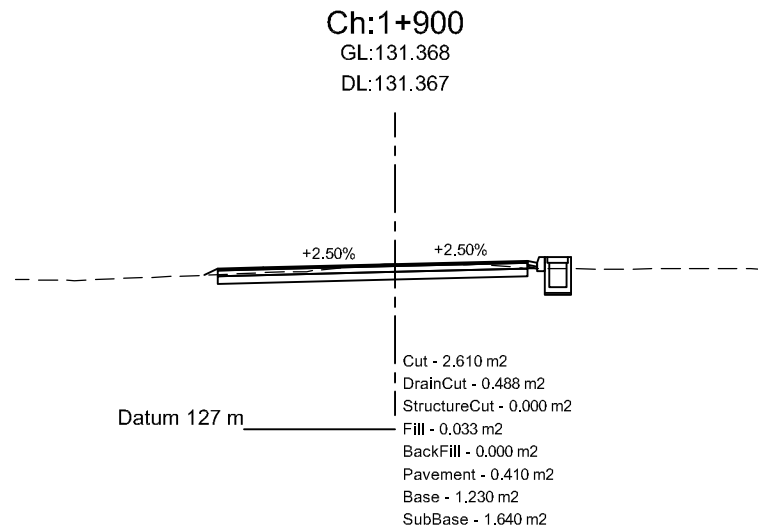
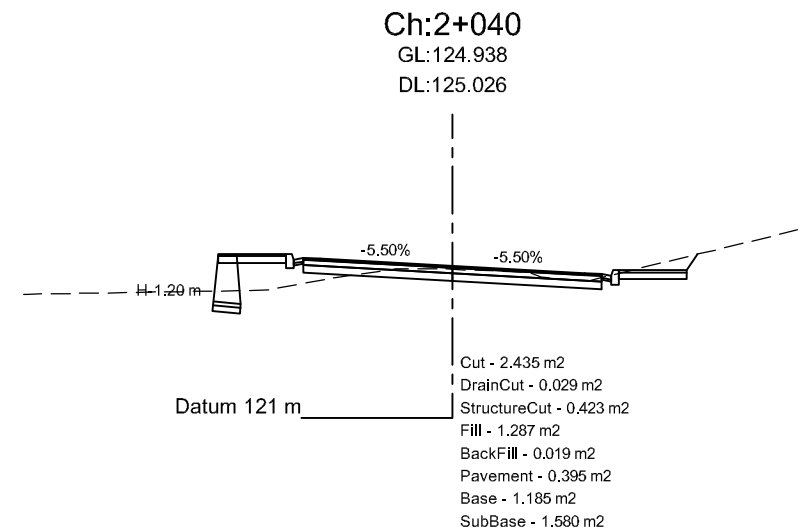
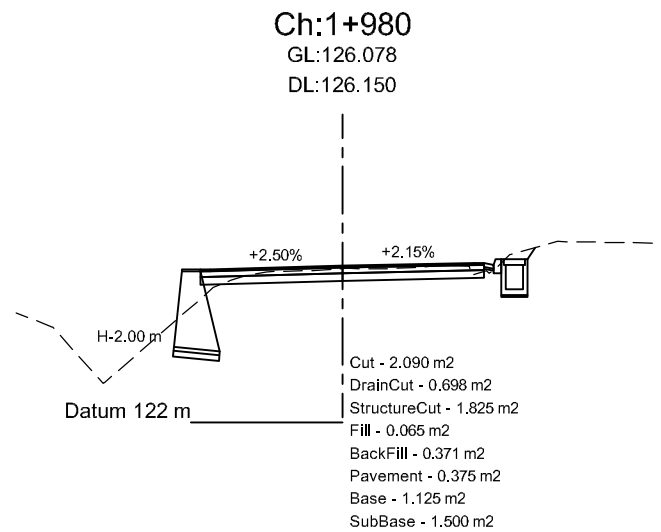
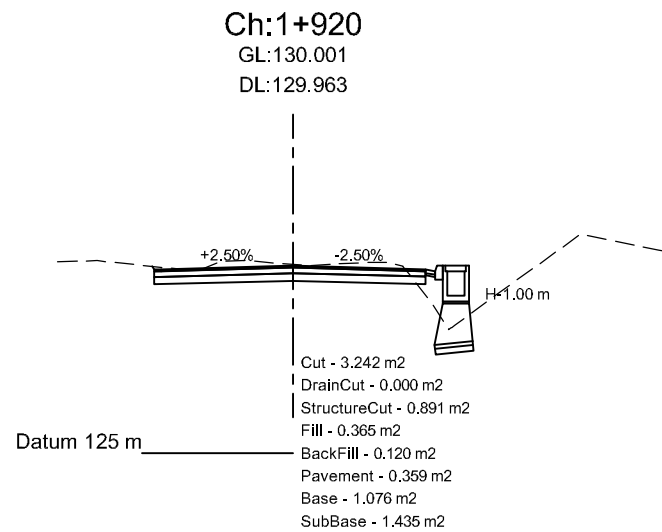
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Cross-Section
SITALAPUR DANDA - JARLAIYA
DUIMUHAN CHOWK ROAD
CH 0+000 - 2+907.79 Km

REV : DEC 2024
DRG NO : SM/RD/CS/11
CHAINAGE : 1+700-1+860
SHEET NO : 11

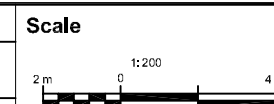


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Tel: 01- 4589393

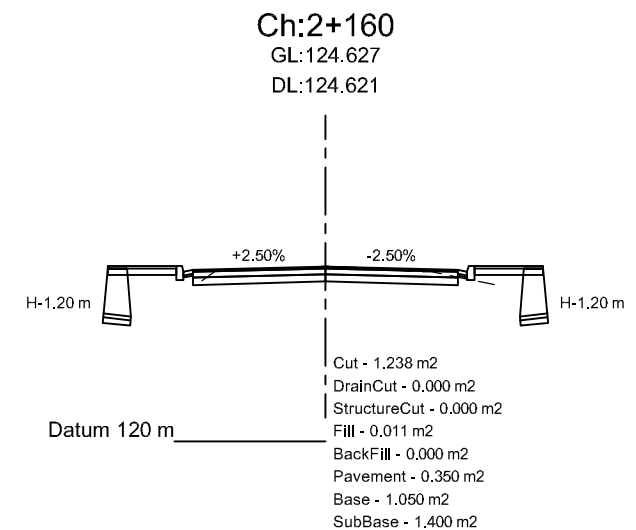
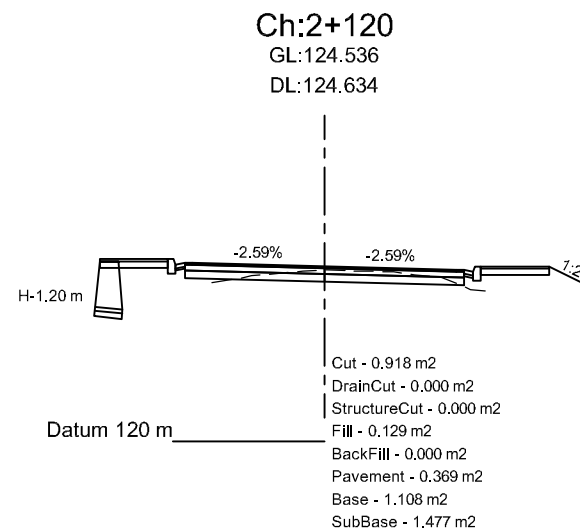
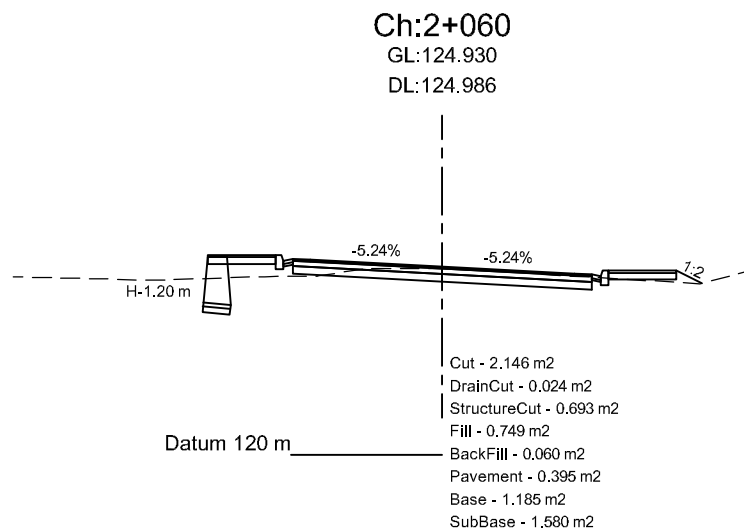
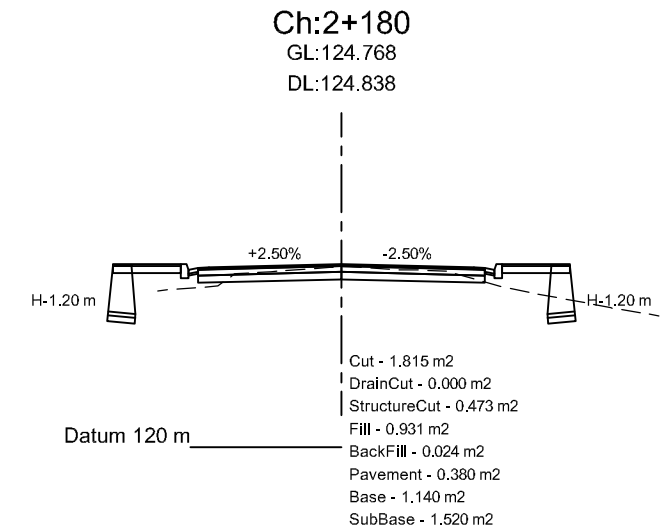
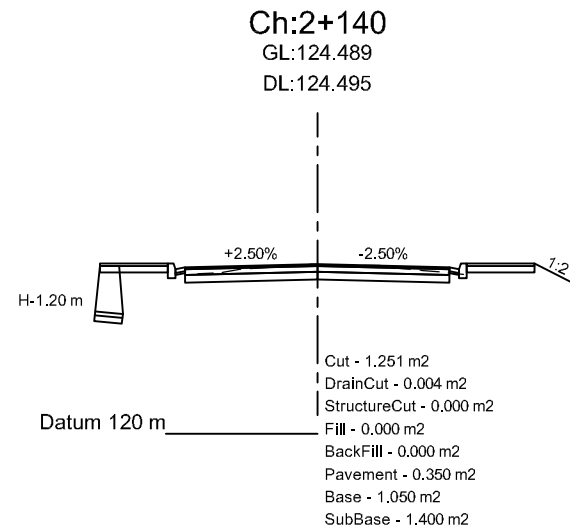
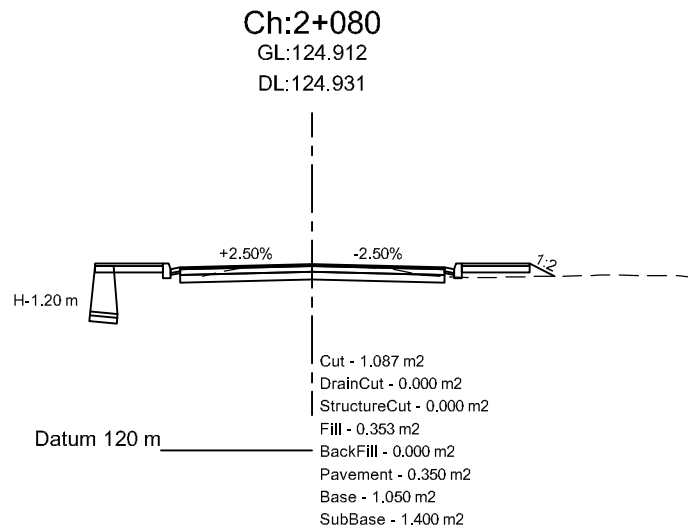
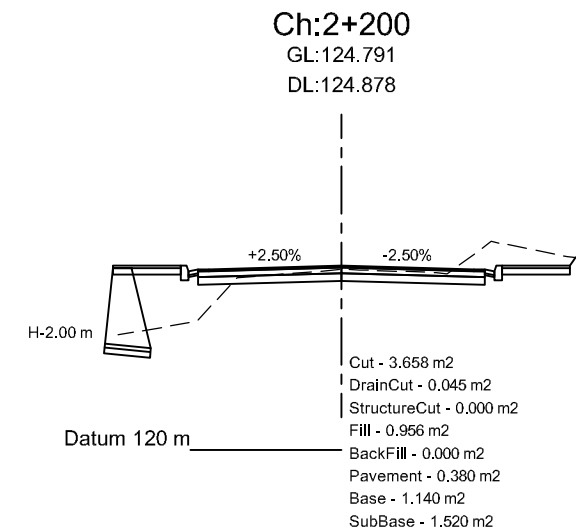
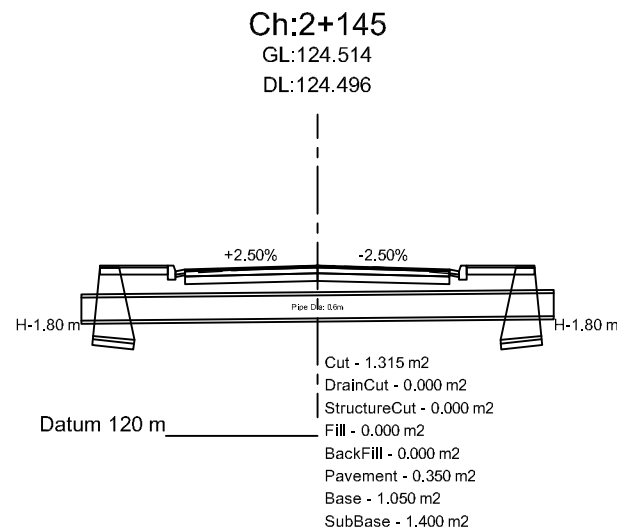
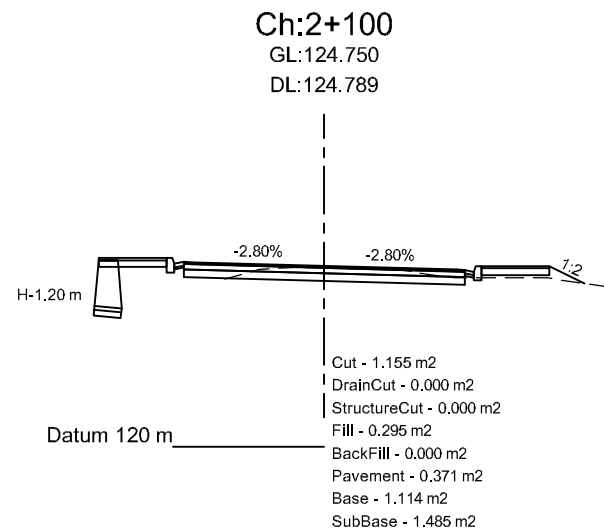
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Cross-Section
SITALAPUR DANDA - JARLAIYA
DUIMUHAN CHOWK ROAD
CH 0+000 - 2+907.79 Km

REV : DEC 2024
DRG NO : SM/RD/CS/12
CHAINAGE : 1+880-2+040
SHEET NO : 12

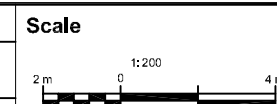


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Tel: 01- 4589393

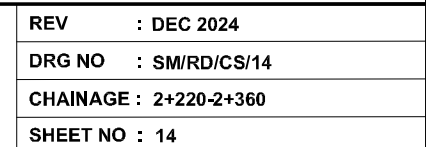
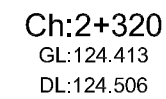
Consultant
Team Leader : YOO CHANGMIN
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Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Cross-Section
SITALAPUR DANDA - JARLAIYA
DUIMUHAN CHOWK ROAD
CH 0+000 - 2+907.79 Km

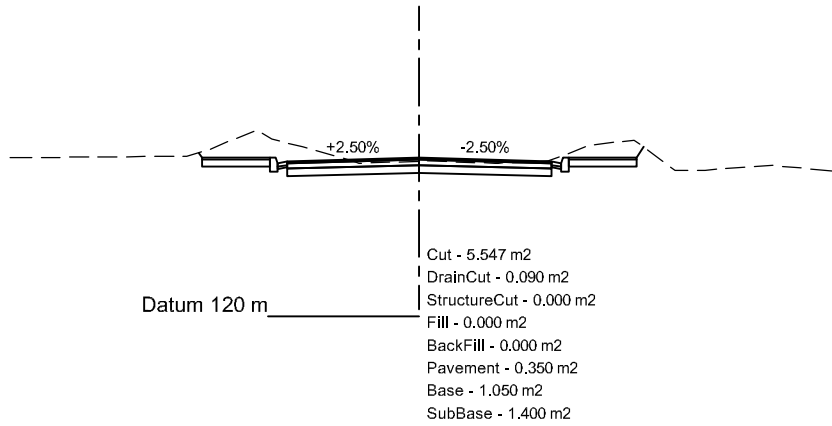
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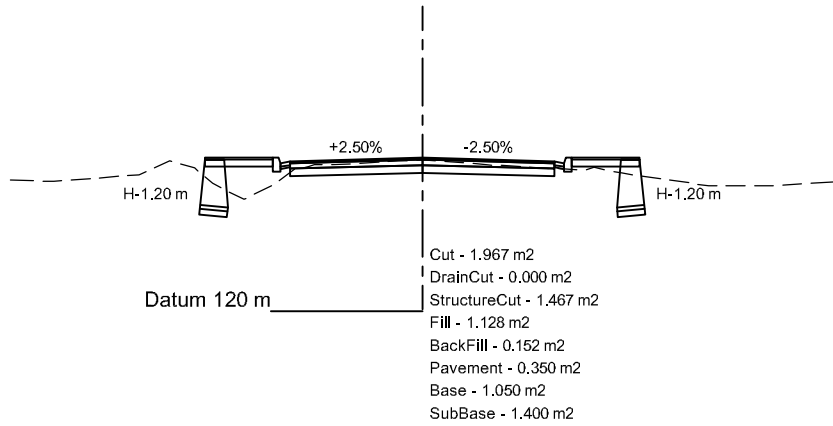
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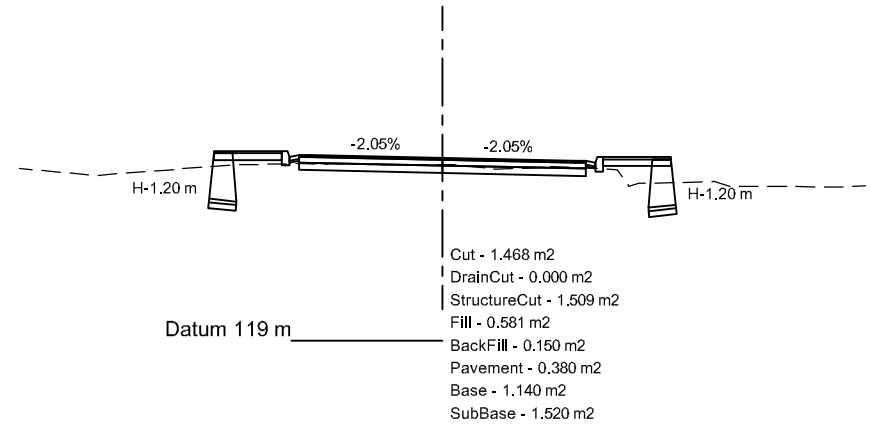
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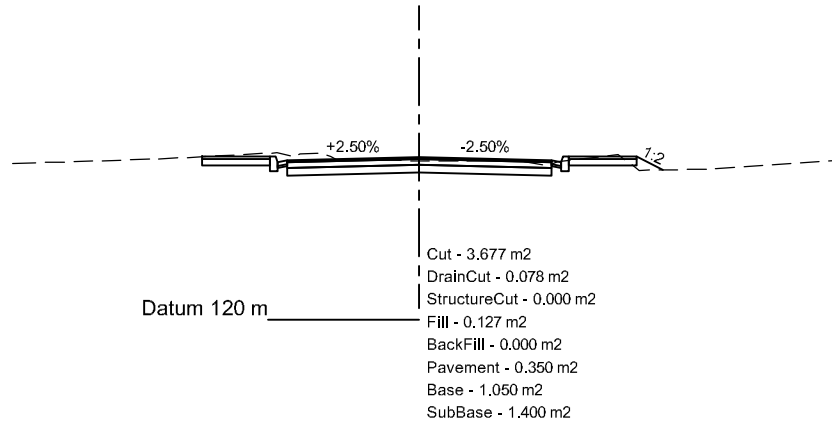
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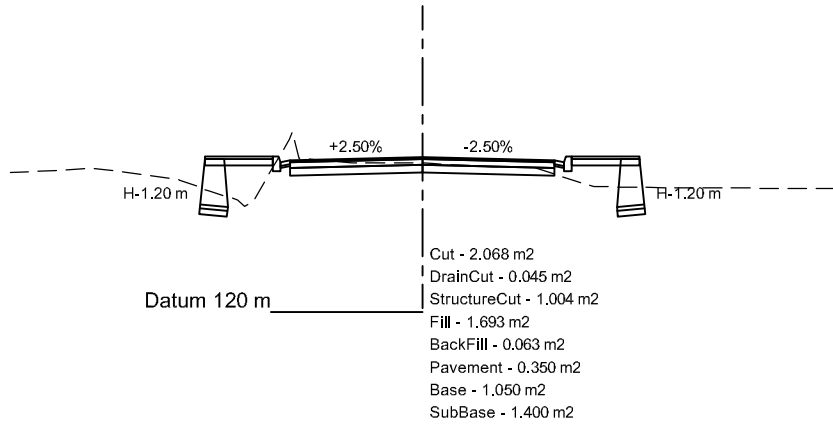
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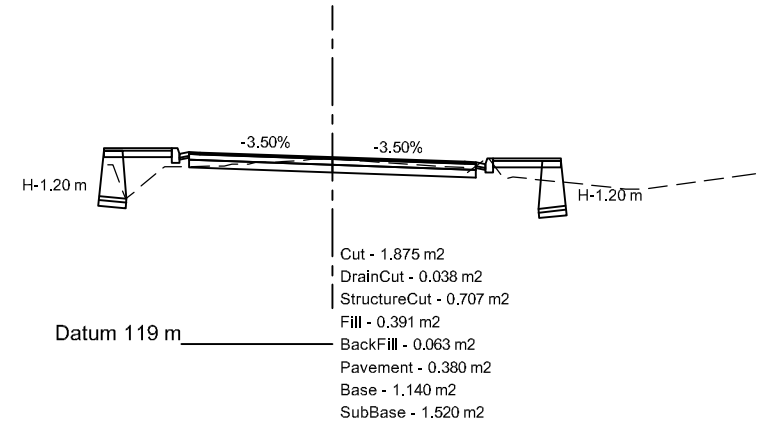
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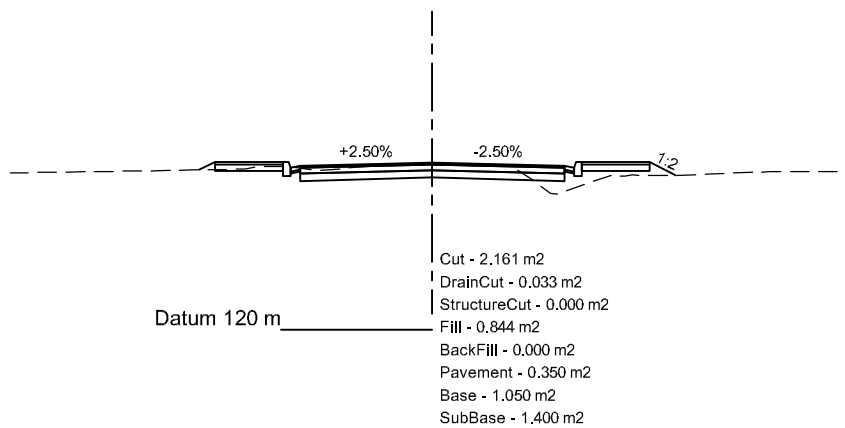
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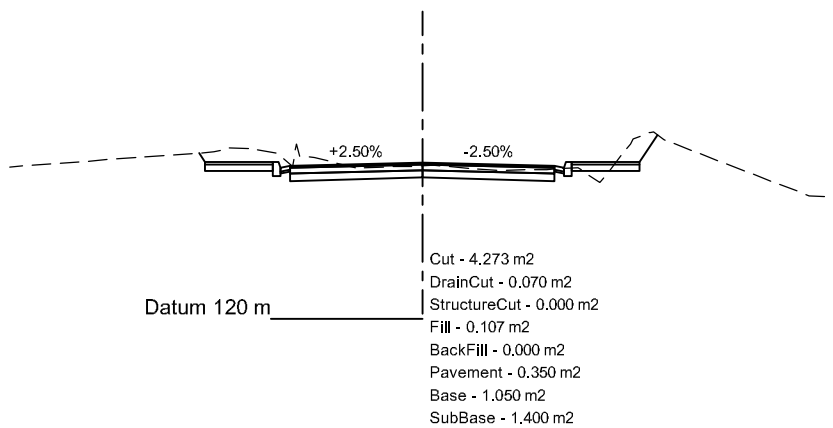
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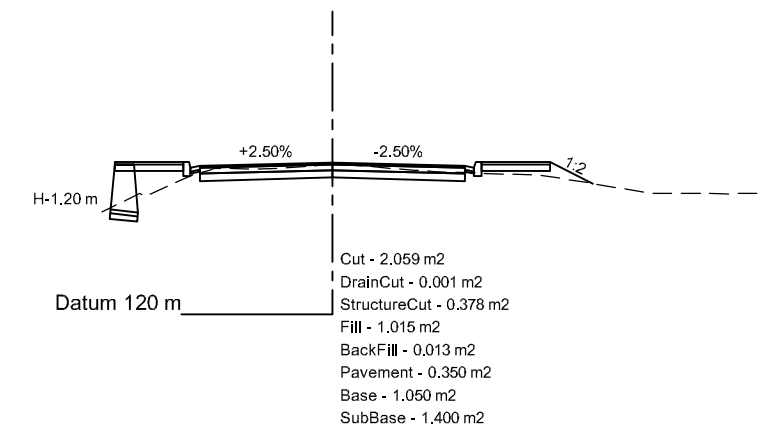
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Ch:2+500

GL:123.973

DL:124.014



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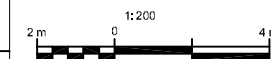
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client

Approved By :

Checked By :

Scale



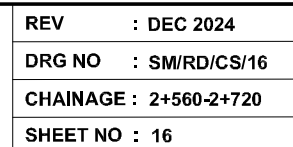
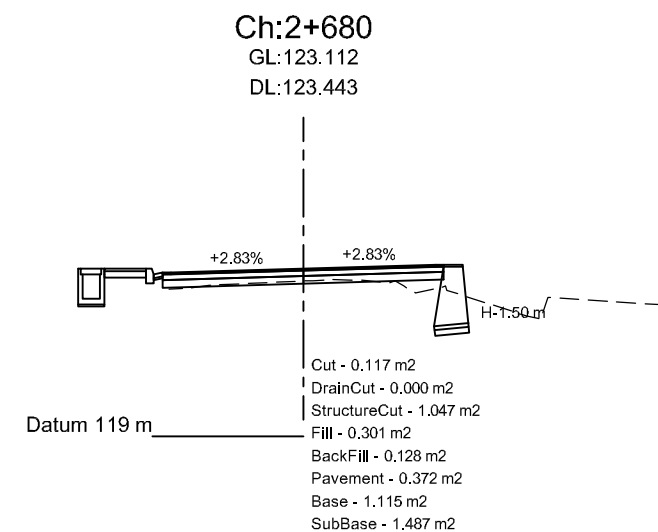
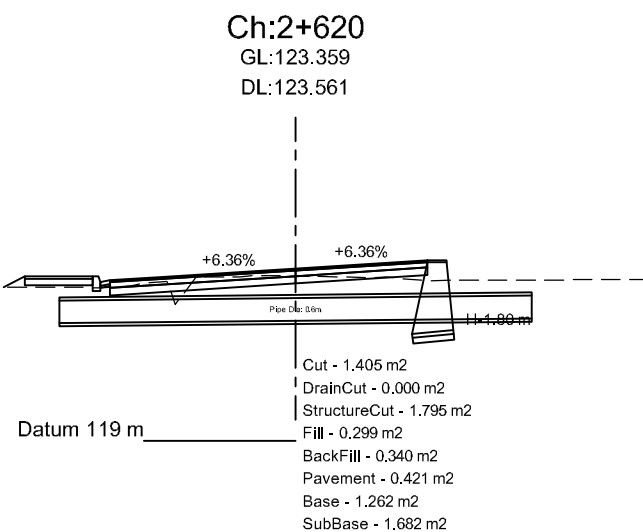
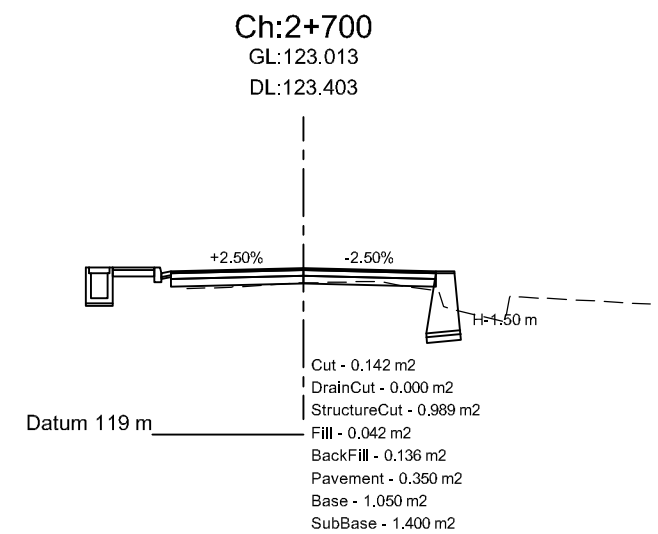
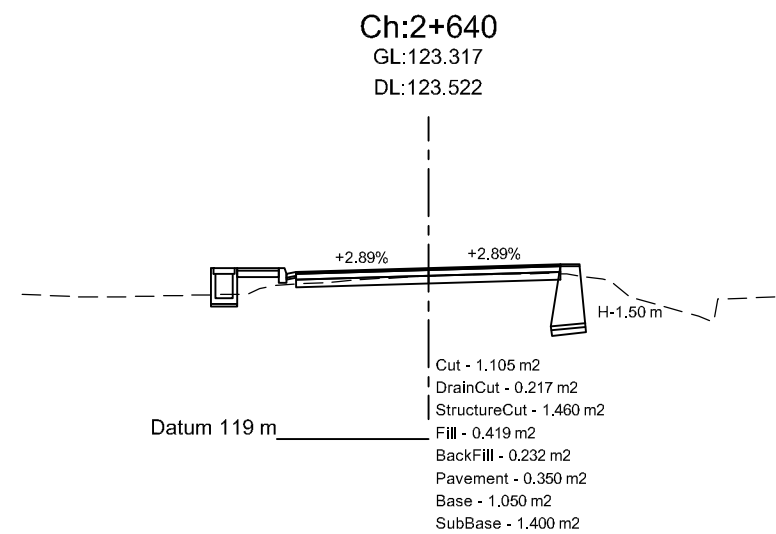
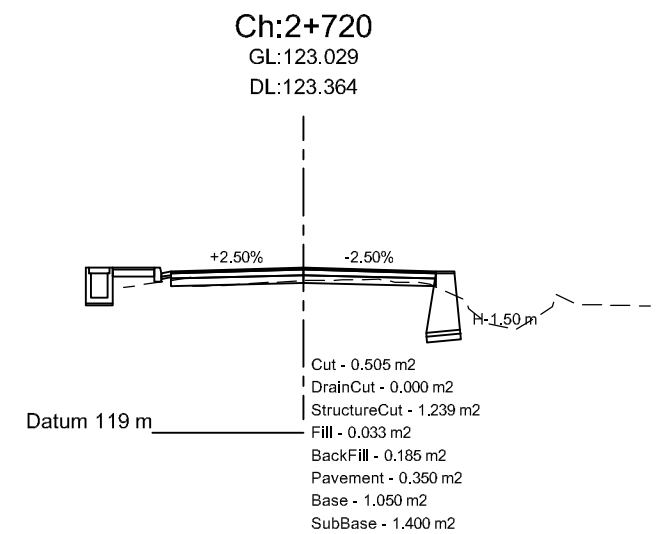
Cross-Section
SITALAPUR DANDA - JARLAIYA
DUIMUHAN CHOWK ROAD
CH 0+000 - 2+907.79 Km

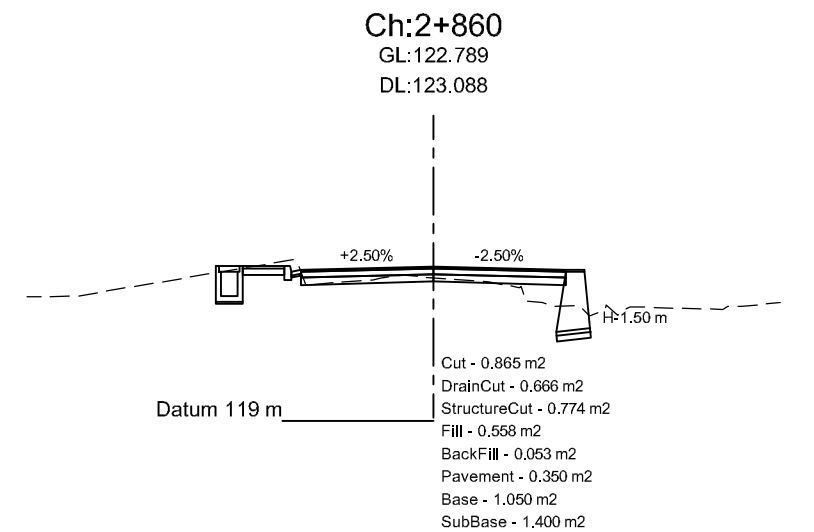
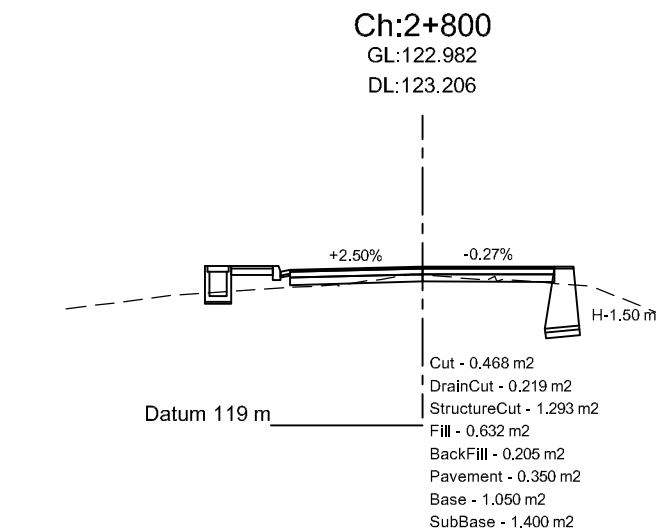
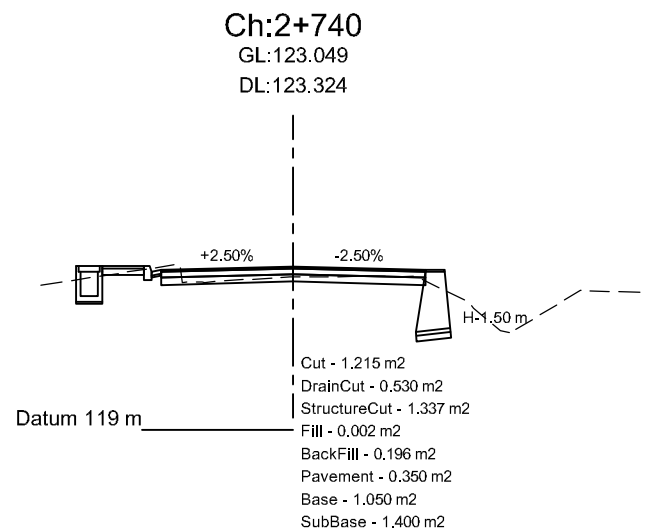
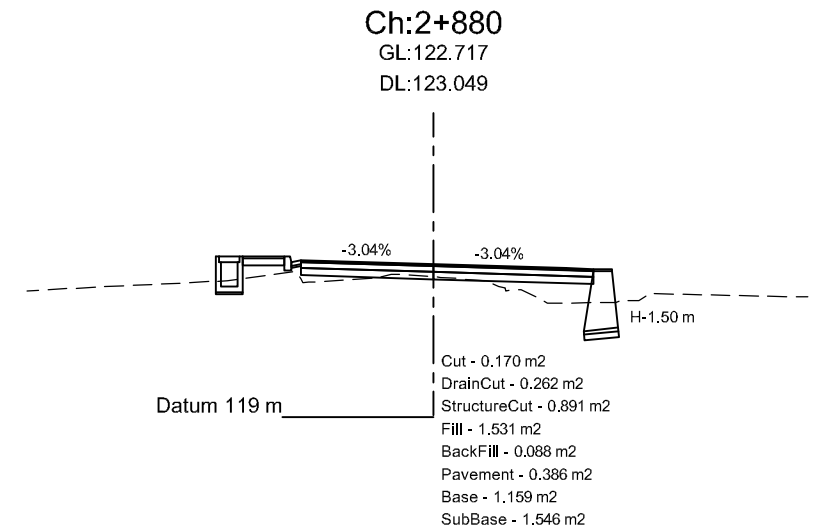
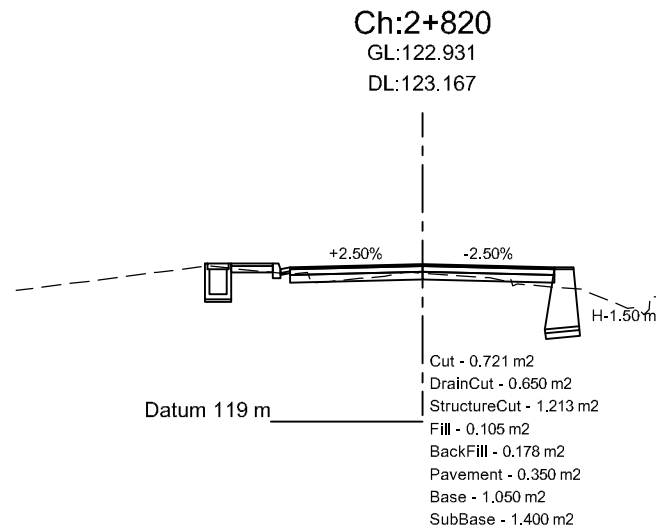
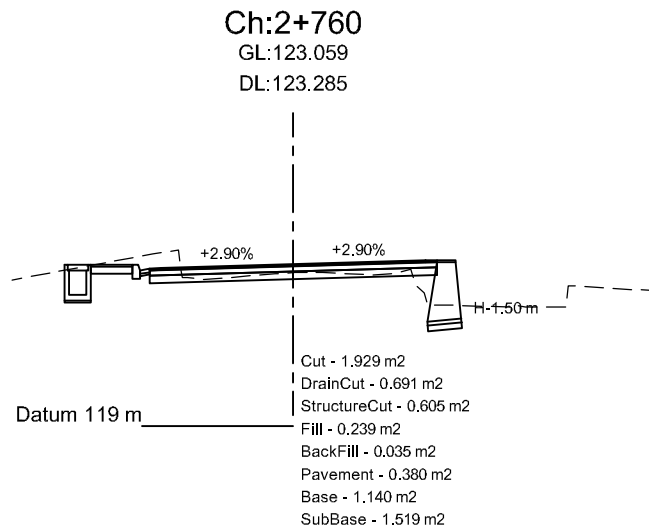
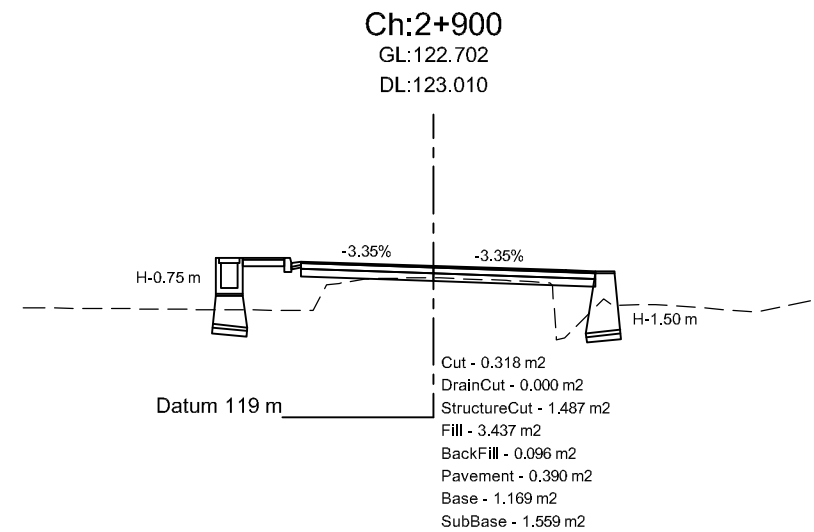
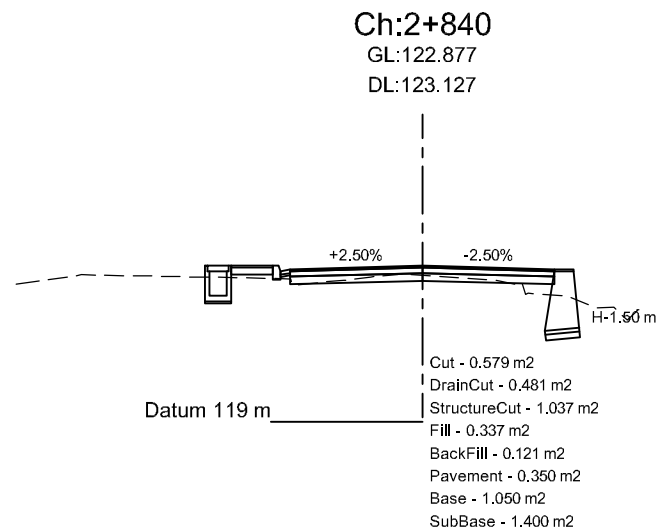
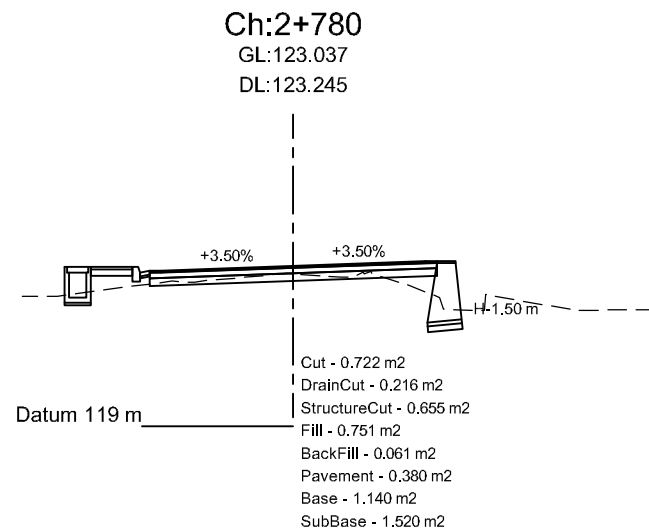
REV : DEC 2024

DRG NO : SM/RD/CS/15

CHAINAGE : 2+380-2+540

SHEET NO : 15



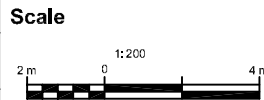


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Tel: 01- 4589393

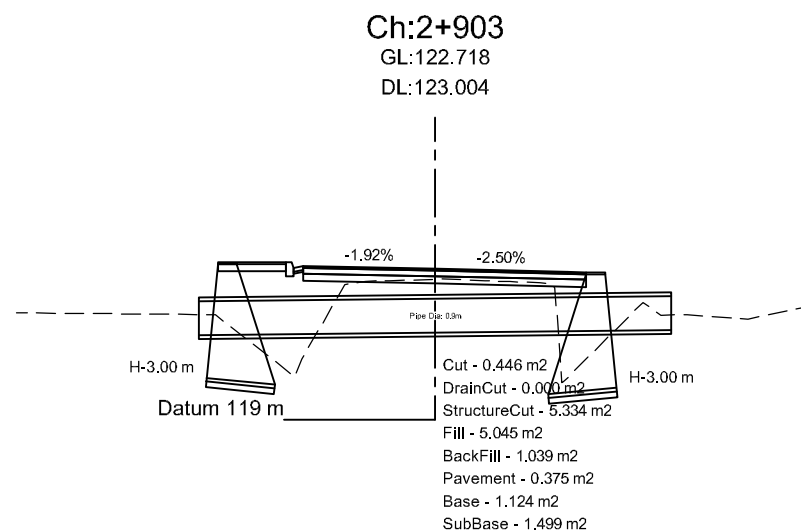
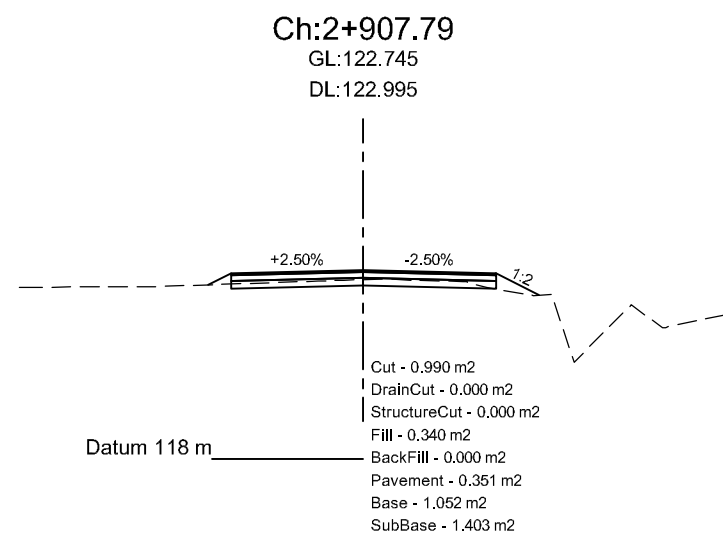
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Cross-Section
SITALAPUR DANDA - JARLAIYA
DUIMUHAN CHOWK ROAD
CH 0+000 - 2+907.79 Km

REV : DEC 2024
DRG NO : SM/RD/CS/17
CHAINAGE : 2+740-2+900
SHEET NO : 17

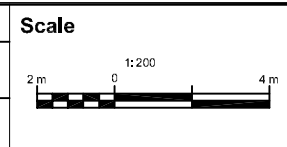


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Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :

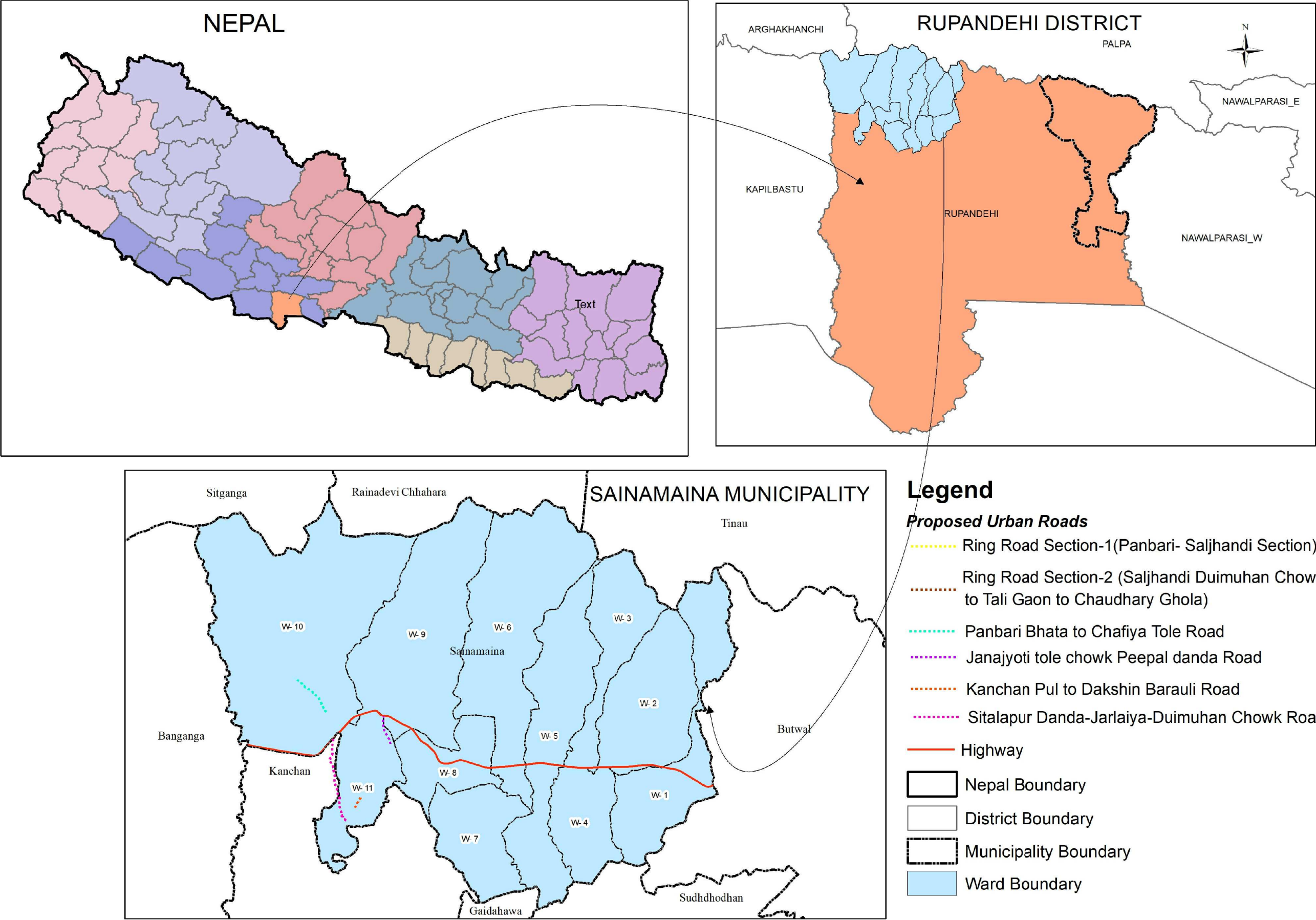


Cross-Section
SITALAPUR DANDA - JARLAIYA
DUIIMUHAN CHOWK ROAD
CH 0+000 - 2+907.79 Km

REV : DEC 2024
DRG NO : SM/RD/CS/18
CHAINAGE : 2+903-2+907.79
SHEET NO : 18

**6. JANAJYOTI TOLE CHOWK -PEEPAL
DANDA ROAD
CH: 0+000 TO CH: 0+972.377**

INDEX MAP



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Regional Urban Development Project (RUDP)
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Babarmahal, Kathmandu, Nepal

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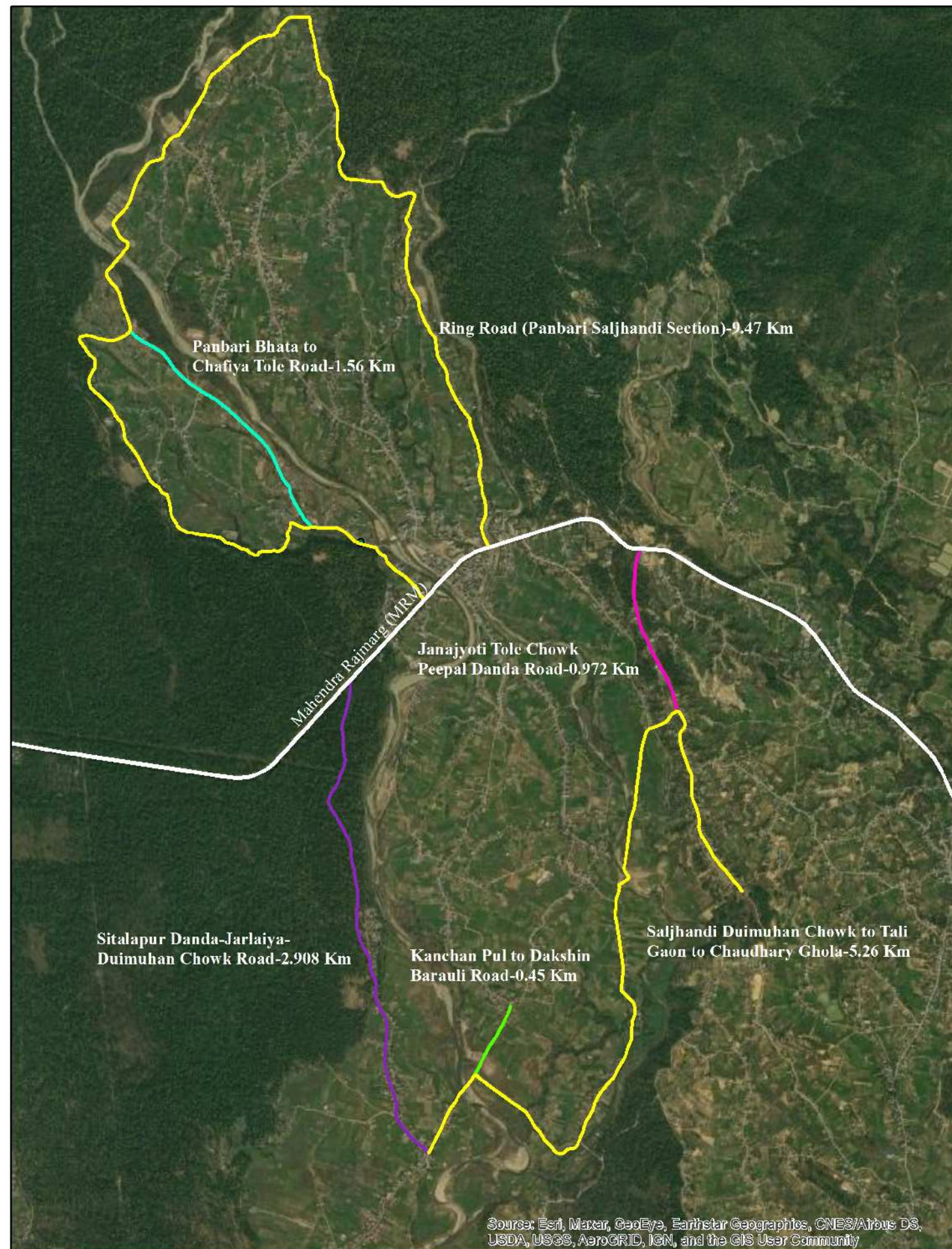
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : SABIN BAJRACHARYA

Client
Approved By :
Checked By :

Scale
NOT IN SCALE

**INDEX MAP OF SAINAMAINA
MUNICIPALITY**

REV : DEC 2024
TITLE : INDEX MAP
DRG NO : SIM/RD/IM/01
SHEET NO : 01/01



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Tel: 01-4589393

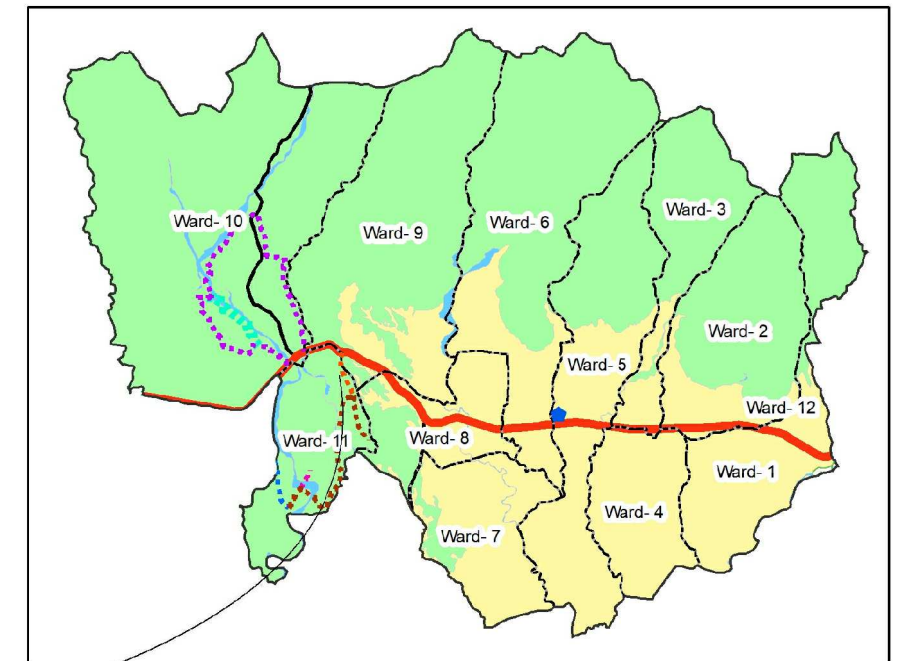
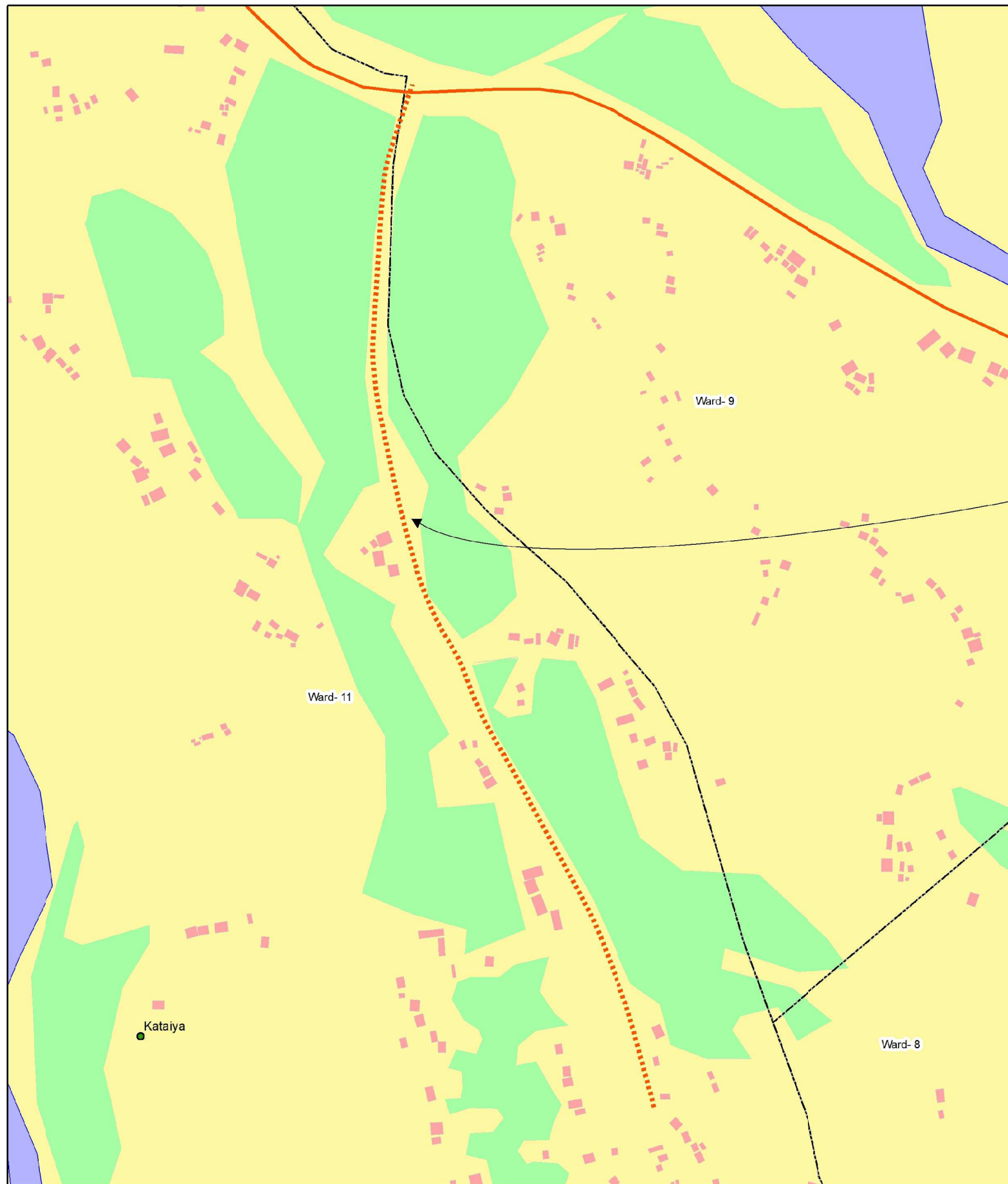
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : SABIN BAJRACHARYA

Client
Approved By :
Checked By :

Scale
NOT IN SCALE

**SATELLITE MAP OF SAINAMAINA
MUNICIPALITY**

REV : DEC 2024
TITLE : SATELLITE MAP
DRG NO : SM/RD/IM/01
SHEET NO : 01/01



Legend

- Settlement
- Sainamaina_Municipality

Ward

Landuse

- Built-up
- Forest
- Cultivation
- Barren Land
- Orchard
- Taal
- Tree Cluster
- River
- Sand Area

Proposed Urban Roads

- Sainamaina Ring Road Panbari Saljhandi Section
- Sainamaina Ring Road (Saljhandi Duimuhan Chowk to Tali Gaon to Chaudhary Ghola)
- Panbari Bhata to Chafiya Tole Road
- Janajyoti tole chowk Peepal danda Road
- Kanchan Pul to Dakshin Barauli Road
- Sitalapur Danda-Jarlaiya-Duimuhan Chowk Road



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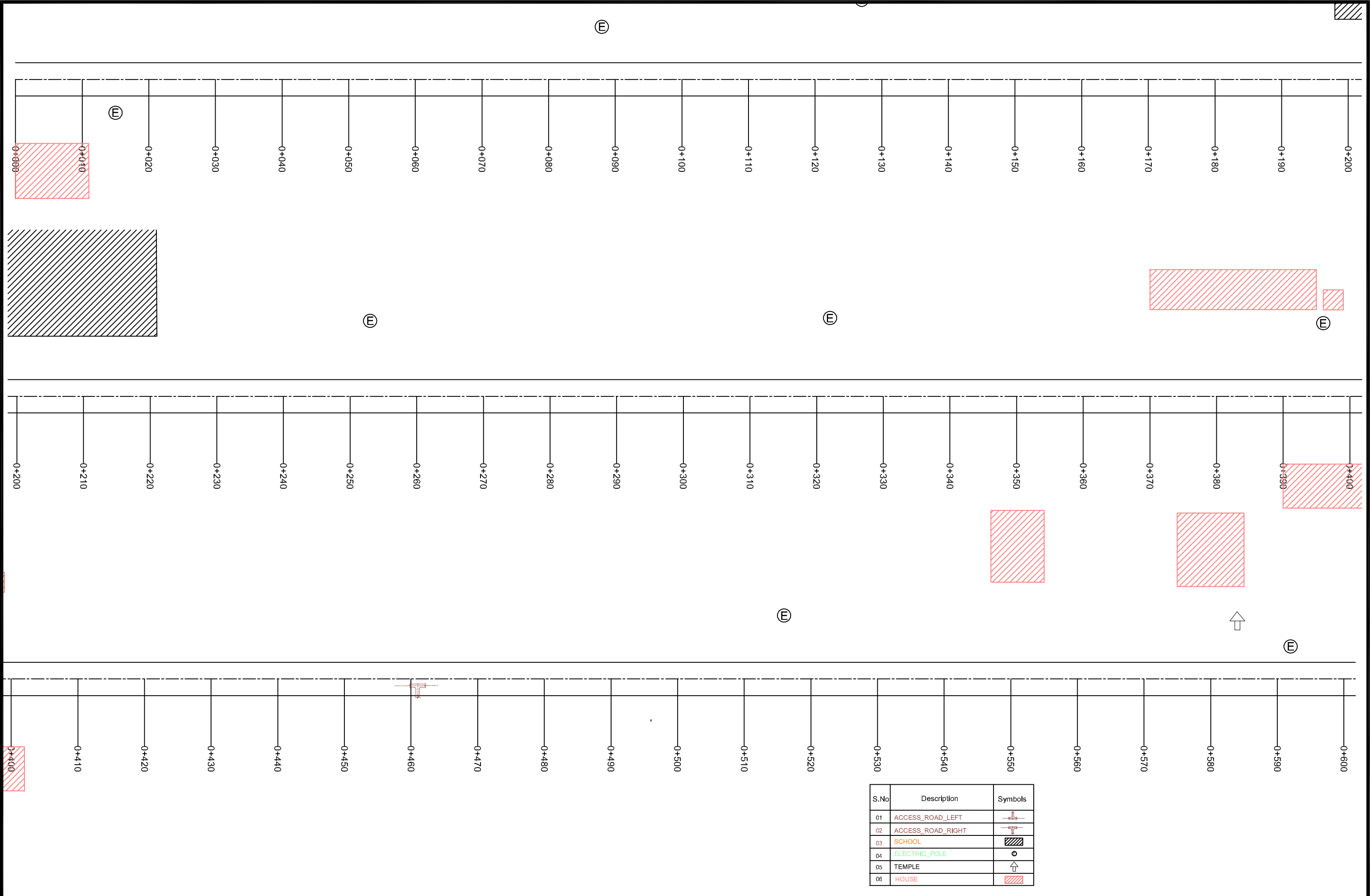
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Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :

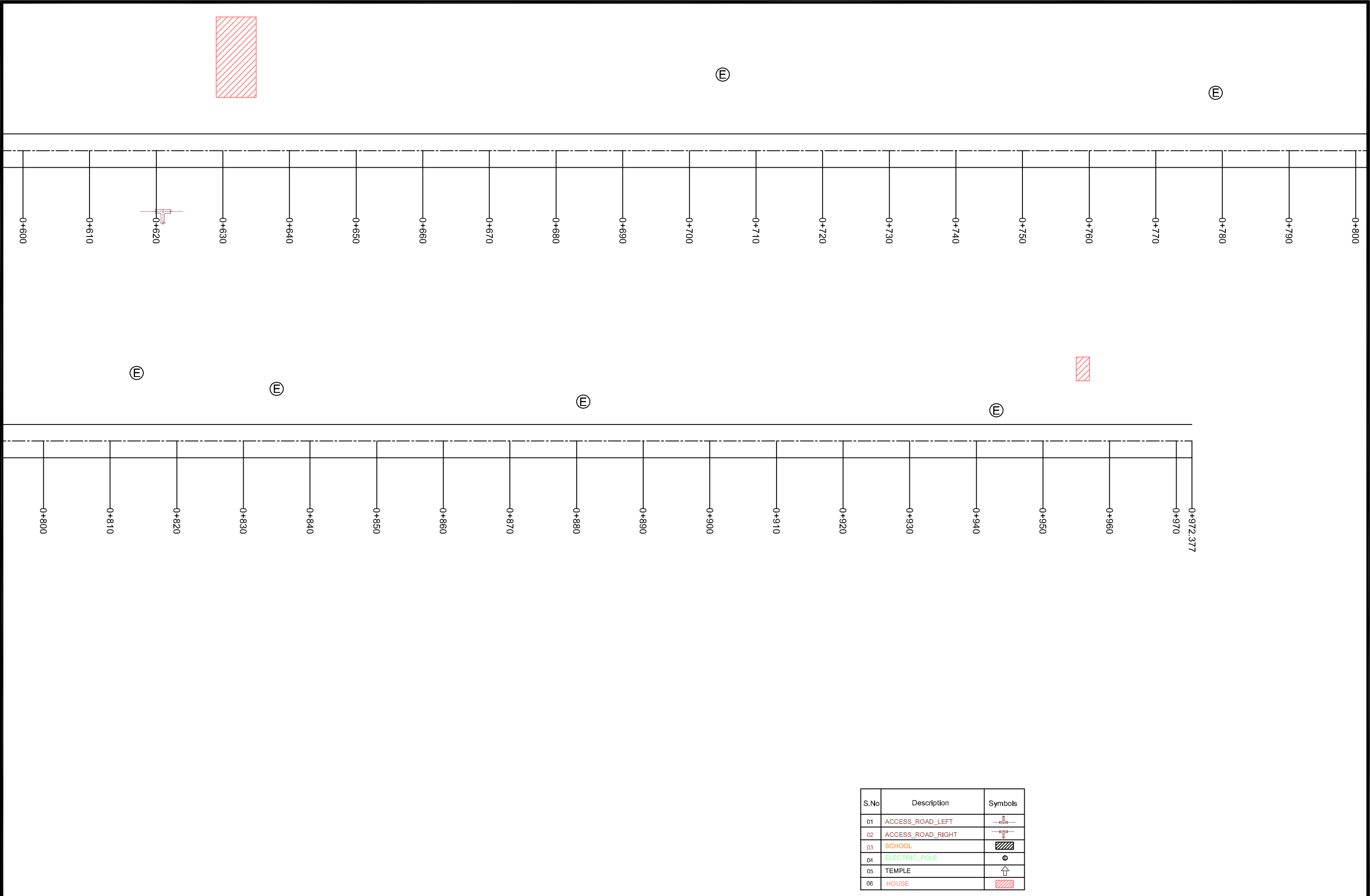
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LOCATION MAP OF
JANAJYOTI TOLE CHOWK PEEPAL DANDA ROAD

REV : DEC 2024
TITLE : LOCATION MAP
DRG NO : SM/RD/LM/01
SHEET NO : 01/01



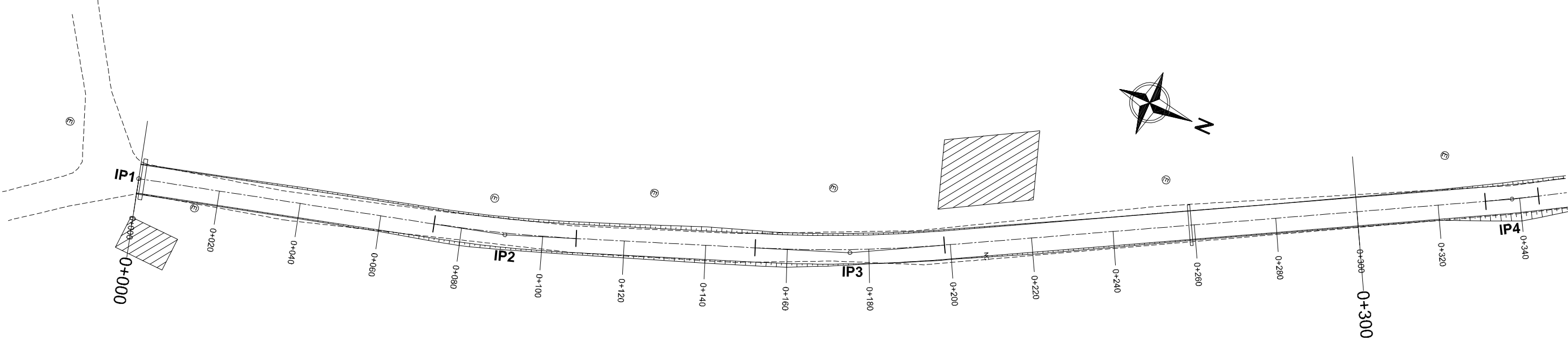
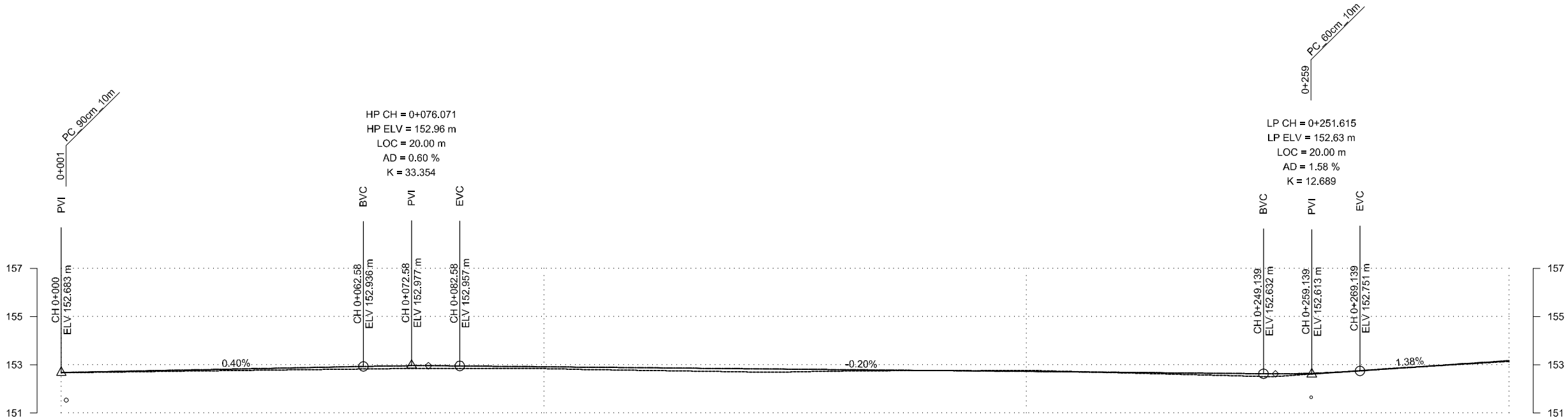
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02	ACCESS_ROAD_RIGHT	
03	SCHOOL	
04	ELECTRIC_POLE	
05	TEMPLE	
06	HOUSE	



S.No	Description	Symbols
01	ACCESS_ROAD_LEFT	
02	ACCESS_ROAD_RIGHT	
03	SCHOOL	
04	ELECTRIC_POLE	
05	TEMPLE	
06	HOUSE	

IP No.	COORDINATES(m)		WCB (D+MS)	DIST. (m)	DEF. ANG. (D+MS)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	MC	BC	EC	P
1	428878.871	3064187.096	34445658.04	0.000	0+0+0+0.00	0.000	0.000	0.000	0.000	0+000.000	0+000.000	0+000.000	0+000.000
2	428885.103	3064274.874	33800514.83	90.746	06+48+43.21	17.512	350.000	0.038	34.984	0+073.233	0+080.731	0+108.228	0+080.746
3	4288824.971	3064453.792	331429426.59	54.696	07+35+46.24	23.237	350.000	0.771	46.406	0+152.177	0+175.380	0+198.583	0+175.414
4	428777.167	3064486.249	32892113.94	162.798	02+08+12.85	6.527	350.000	0.061	13.653	0+331.616	0+338.143	0+344.669	0+338.144

DESIGN LEVEL(m)	152.683		152.764		152.845		152.926		152.961		152.923		152.884		152.845		152.806		152.767		152.728		152.689		152.650		152.657		152.901		153.177	
EXISTING LEVEL(m)	152.670		152.726		152.775		152.823		152.852		152.844		152.773		152.714		152.738		152.771		152.765		152.669		152.564		152.633		152.903		153.142	
CHAINAGE(Km)	0+000		0+020		0+040		0+060		0+080		0+100		0+120		0+140		0+160		0+180		0+200		0+220		0+240		0+260		0+280		0+300	
HORIZONTAL SCHEMATIC			L=73.233				L = 34.994 R = 350				L=43.949				L = 46.406 R = 350				L=101.417													
SUPER ELEVATION SCHEMATIC	0+000		SE:2.5%																												0+300	
CUT/FILL (m)	0.013		0.038		0.070		0.103		0.109		0.079		0.111		0.131		0.068		-0.004		-0.038		0.020		0.086		0.024		-0.003		0.035	

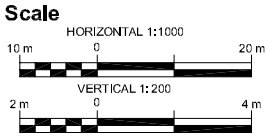


Department of Urban Development & Building Construction (DUDBC)
Regional Urban Development Project (RUDP)
Project Coordination Office
Babarmahal, Kathmandu, Nepal

Reviewed & Designed By :
DOHWA Engineering Co. Ltd.
In Association with
ERMIC (P.) Ltd., SILT Consultants (P.) Ltd., and
DIGICON (P.) Ltd.
Mid- Baneshwor, Kathmandu
Tel: 01- 4589393

Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :

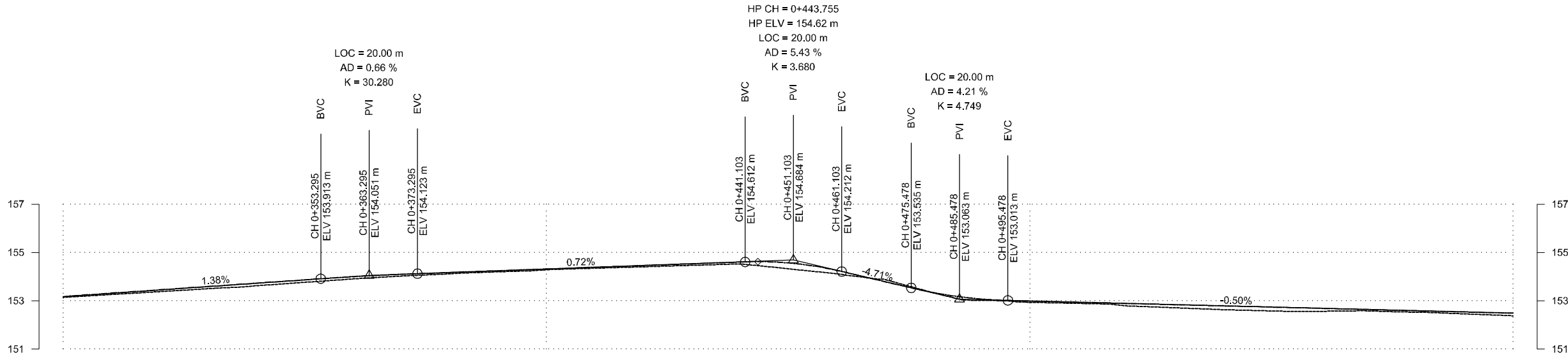
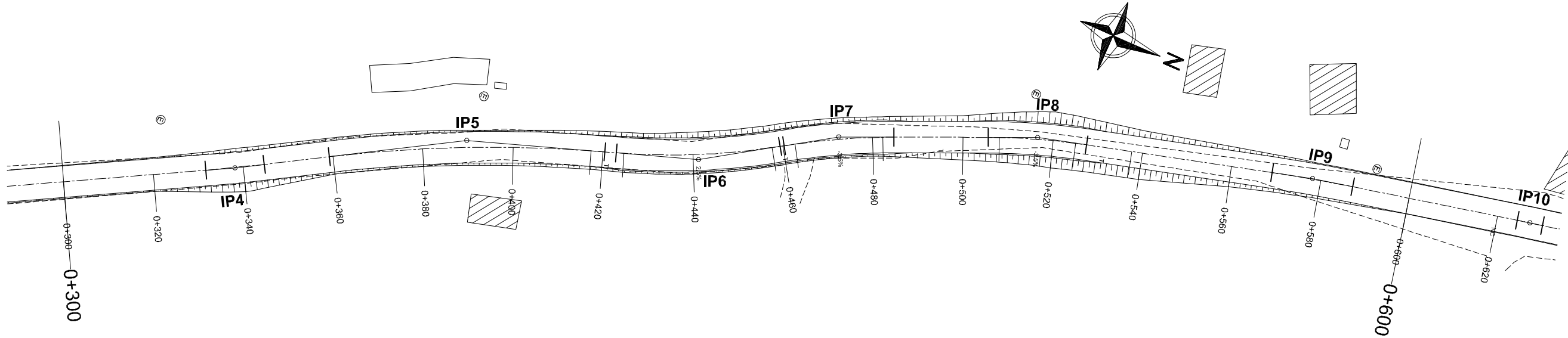


Plan & Profile
JANAJYOTI TOLE CHOWK
PEEPAL DANDA ROAD
CH: 0+000 - 0+972.377 Km

REV	: DEC 2024
DRG NO	: SM/RD/PP/01
CHAINAGE	: 0+000 to 0+300
SHEET NO	: 01/04

P. No.	CO-ORDINATES(m)		WCS (P&S)	DIST. (P&S)	DEF. ANG. (P&S)	TAN LEN. (m)	SIMPLE CURVE DATA				CHAINAGE			
	EASTING	NORTHING					R(m)	E(m)	LC (m)	BC	MC	EC	IP	
4	428747.167	3064488.949	329+21-13.94	162.708	02408-12.85	6.527	350.000	0.061	13.053	0+331.616	0+335.143	0+344.669	0+338.144	
5	428720.794	3064541.361	340+50-29.56	51.738	11+29-15.62	30.676	305.000	1.539	61.162	0+359.202	0+369.778	0+420.354	0+389.881	
6	428703.877	3064690.055	328+55-27.34	51.548	13+44-52.21	18.304	150.000	1.113	36.428	0+422.910	0+441.133	0+469.347	0+441.223	
7	428686.703	3064616.428	336+15-29.89	31.472	09+30-52.55	12.854	150.000	0.580	24.473	0+460.252	0+472.488	0+484.724	0+472.515	
8	428655.949	3064558.623	344+37+46.25	44.125	05+11-16.36	10.855	150.000	0.400	21.872	0+503.030	0+515.588	0+527.502	0+516.585	
9	428652.611	3064716.299	347+50+4.94	61.640	02+58-18.69	9.079	350.000	0.118	18.154	0+569.108	0+575.185	0+587.262	0+578.187	

DESIGN LEVEL(m)	153.177																153.453																153.729																153.998																154.171																154.315																154.460																154.604																154.263																153.343																152.990																152.890																152.789																152.688																152.588																152.487																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
EXISTING LEVEL(m)	153.142																153.380																153.622																153.905																154.117																154.283																154.407																154.530																154.121																153.334																152.938																152.790																152.631																152.564																152.529																152.379																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
CHAINAGE(Km)	0+300																0+320																0+340																0+360																0+380																0+400																0+420																0+440																0+460																0+480																0+500																0+520																0+540																0+560																0+580																0+600																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
HORIZONTAL SCHEMATIC	L=31.616																L = 13.053 R = 350																L=14.532																L = 61.152 R = 305																L=2.566																L = 36.428 R = 150																L=2.902																L = 24.473 R = 150																L=20.906																L = 21.872 R = 150																L=41.606																L = 18.154 R = 350																L=12.738																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
SUPER ELEVATION SCHEMATIC	0+300																SE:2.5%																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																0+340																</															

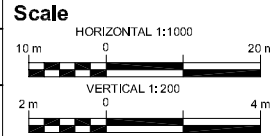


Department of Urban Development & Building
Construction (DUDBC)
Regional Urban Development Project (RUDP)
Project Coordination Office
Babarmahal, Kathmandu, Nepal

Reviewed & Designed By :
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In Association with
ERMIC (P.) Ltd., SILT Consultants (P.) Ltd., and
DIGICON (P.) Ltd.
Mid- Baneshwor, Kathmandu
Tel: 01- 4589393

Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :

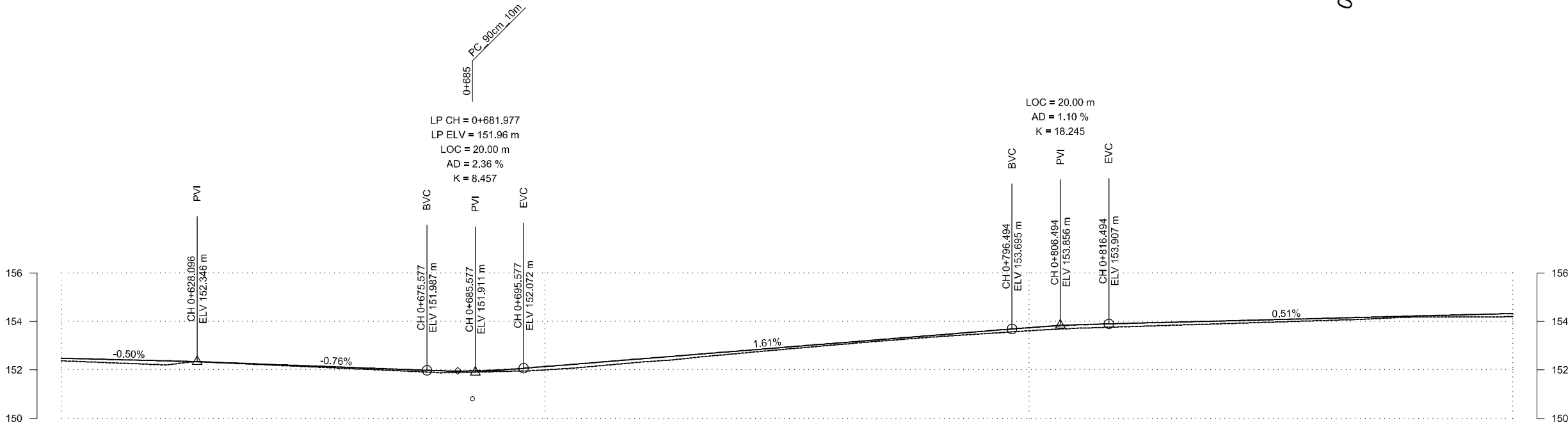
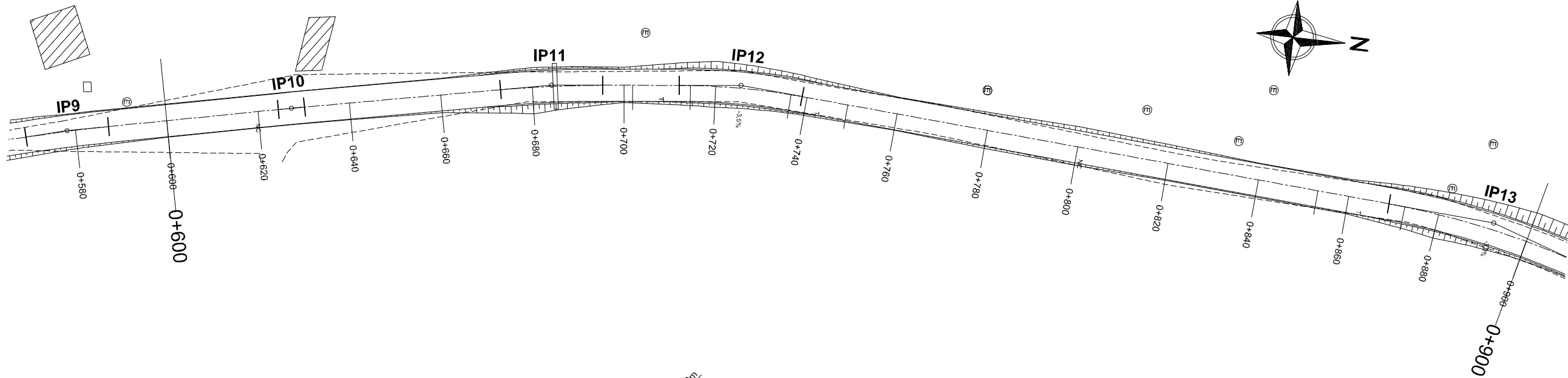


Plan & Profile
JANAJYOTI TOLE CHOWK
PEEPAL DANDA ROAD
CH: 0+000 - 0+972.377 Km

REV : DEC 2024
DRG NO : SM/RD/PP/02
CHAINAGE : 0+300 to 0+600
SHEET NO : 02/04

IP No.	CO-ORDINATES(m)		V/CB (0+4-5)	DIST. (m)	DEF. ANG. (0+4-5)	SIMPLE CURVE DATA			CHIRNAGE			
	EASTING	NORTHING				R (m)	E (m)	LC (m)	MC	EC	IP	
9	428652.811	3064716.259	347+384.94	81.840	00-58-18.89	94079	350.000	0.118	18.154	0+578.185	0+587.282	0+578.187
10	428642.682	3064764.244	348+15-29.26	40.132	00-39-24.34	2.866	500.000	0.008	5.731	0+624.449	0+627.314	0+627.314
11	428630.033	3064719.045	353+29-23.30	58.895	00-47-23.01	11.190	250.000	0.250	22.366	0+673.019	0+684.202	0+684.210
12	428625.723	3064660.888	03-49-22.37	41.314	10-72-03.07	13.504	150.000	0.007	26.036	0+712.004	0+725.472	0+725.509
13	428636.071	3065027.330	15-29-53.14	186.884	14-03-31.77	23.179	180.000	1.486	48.104	0+886.942	0+915.045	0+915.045

DESIGN LEVEL(m)	152.487	152.387	152.256	152.105	151.965	152.143	152.465	152.786	153.108	153.430	153.748	153.925	154.027	154.130	154.232	154.334
EXISTING LEVEL(m)	152.379	152.222	152.236	152.056	151.892	152.005	152.330	152.683	153.038	153.357	153.620	153.788	153.913	154.038	154.187	154.209
CHAINAGE(Km)	0+600	0+620	0+640	0+660	0+680	0+700	0+720	0+740	0+760	0+780	0+800	0+820	0+840	0+860	0+880	0+900
HORIZONTAL SCHEMATIC	L=24.449 L=5.781 R=500 L=42.839 L=22.366 R=250 L=16.619 L=26.936 R=150 L=130.001 L=46.104 R=180															
SUPER ELEVATION SCHEMATIC	SE:2.5% SE:2.5% SE:-3.5% SE:-3.5% SE:2.5% SE:-3.5% SE:-3.5% SE:-3.5% SE:-3.5% SE:-3.5% SE:-3.5% SE:-3.5% SE:-3.5% SE:-3.5% SE:-3.5% SE:-3.5%															
CUT/FILL (m)	0.108	0.165	0.020	0.048	0.073	0.138	0.135	0.103	0.070	0.072	0.128	0.137	0.114	0.091	0.045	0.126

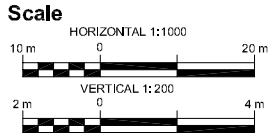


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Tel: 01-4589393

Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

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Approved By :
Checked By :

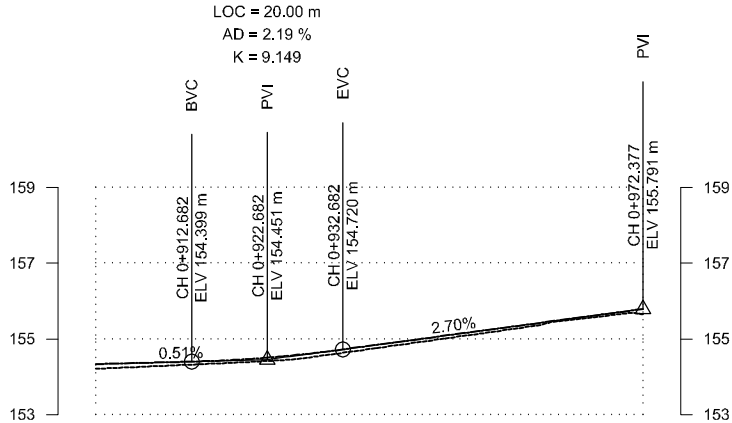
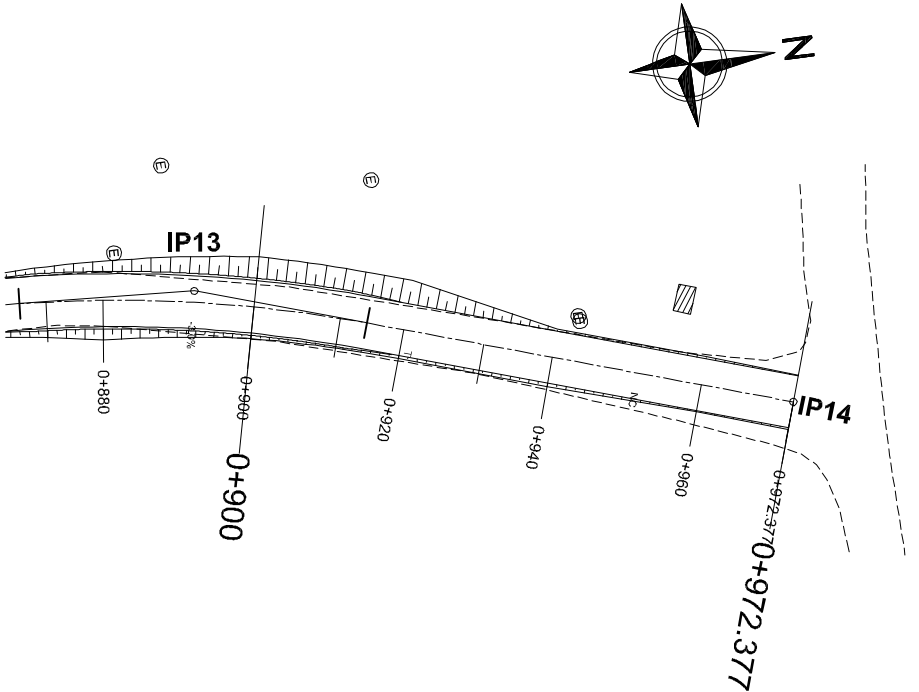


Plan & Profile
JANAJYOTI TOLE CHOWK
PEEPAL DANDA ROAD
CH: 0+000 - 0+972.377 Km

REV : DEC 2024
DRG NO : SM/RD/PP/03
CHAINAGE : 0+600 to 0+900
SHEET NO : 03/04

IP No.	CO-ORDINATES(m)		VCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA				CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP	
13	428636.401	306507.330	19+20+53.14	186.084	14+00+30.77	23.179	180.000	1.486	46.104	0+886.942	0+881.994	0+915.046	0+892.120	
14	428661.745	3065103.747	00+00+00.00	80.510	00+00+00.00	0.000	0.000	0.000	0.000	0+872.377	0+872.377	0+872.377	0+872.377	

DESIGN LEVEL(m)	154.334	154.466	154.918	155.457	155.791
EXISTING LEVEL(m)	154.209	154.386	154.837	155.430	155.647
CHAINAGE(Km)	0+900	0+920	0+940	0+960	0+972.38
HORIZONTAL SCHEMATIC	L = 46.104 R = 180 L=57.332				
SUPER ELEVATION SCHEMATIC	SE:-3% SE:-3% SE:2.5%				
CUT/FILL (m)	0.126	0.080	0.081	0.028	0.145

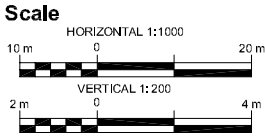


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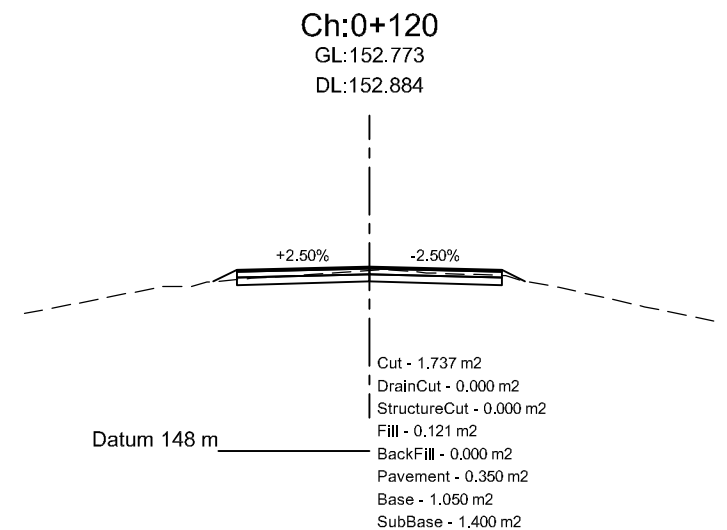
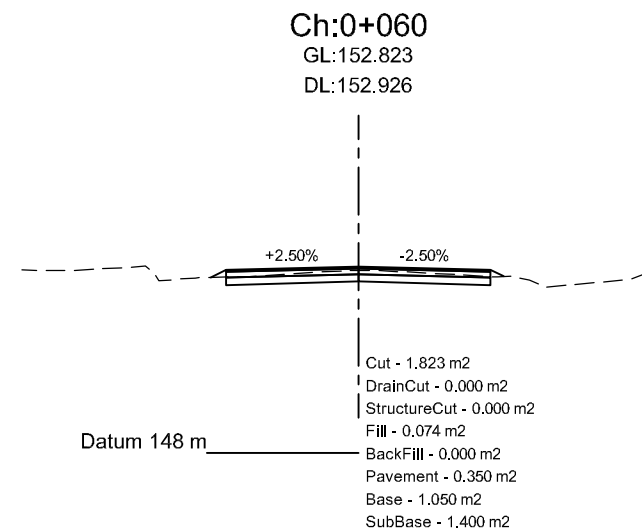
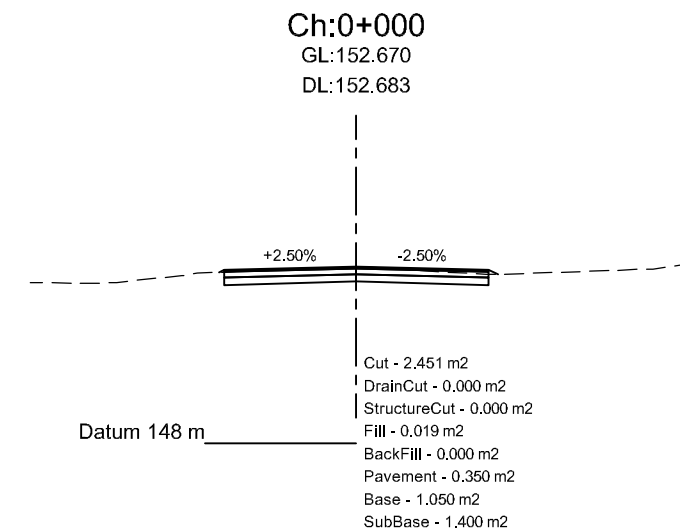
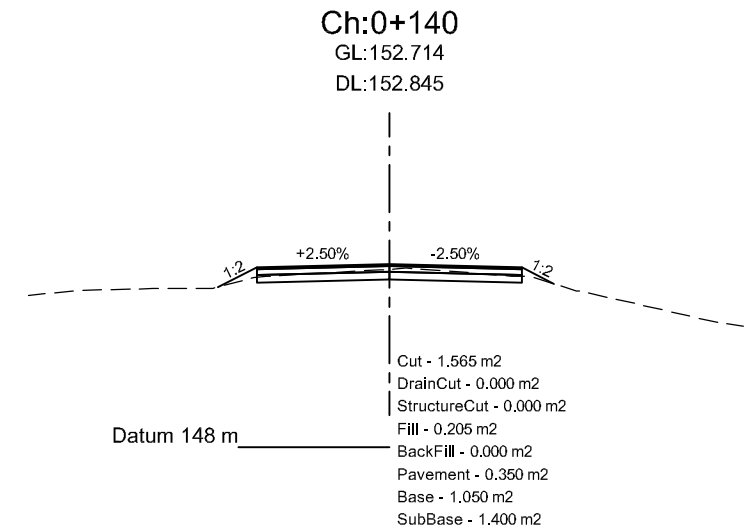
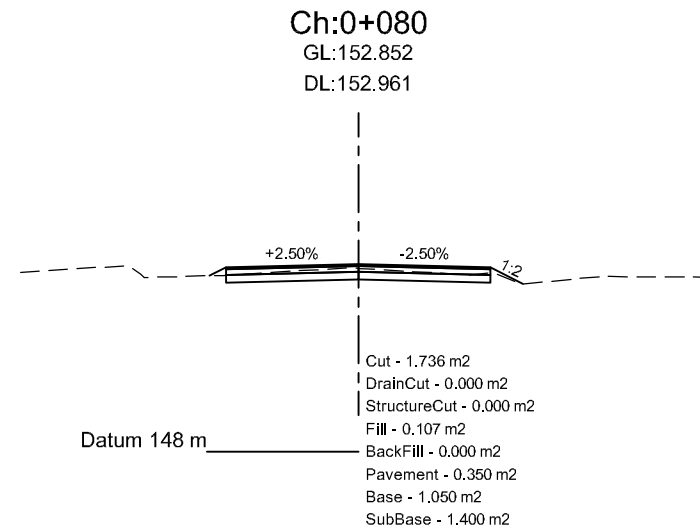
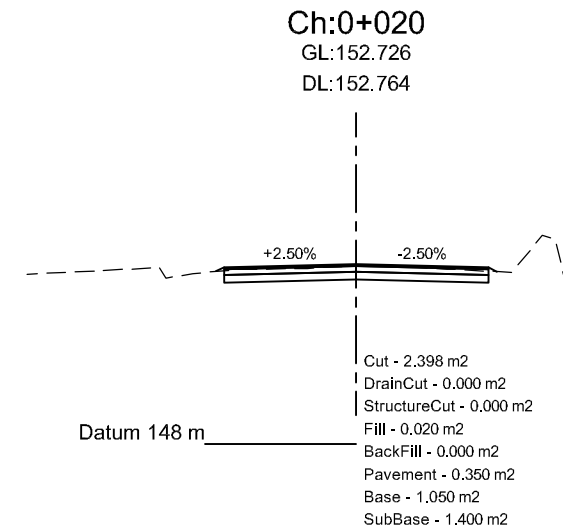
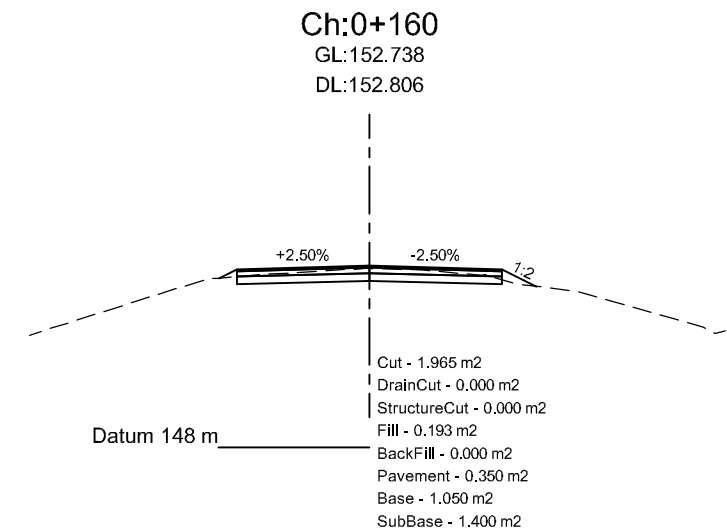
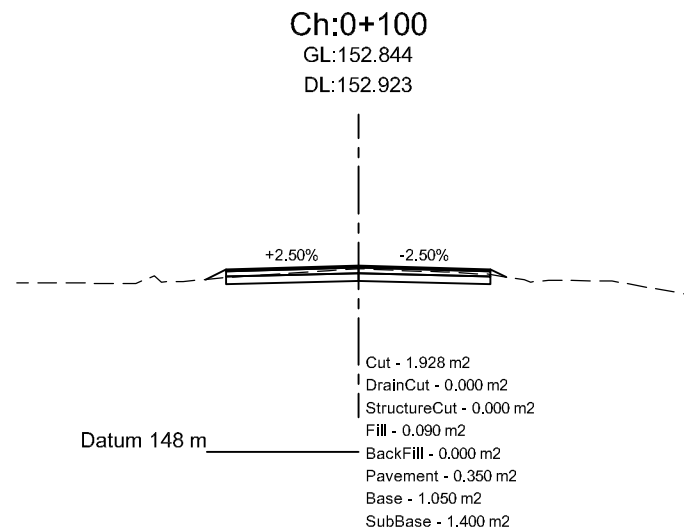
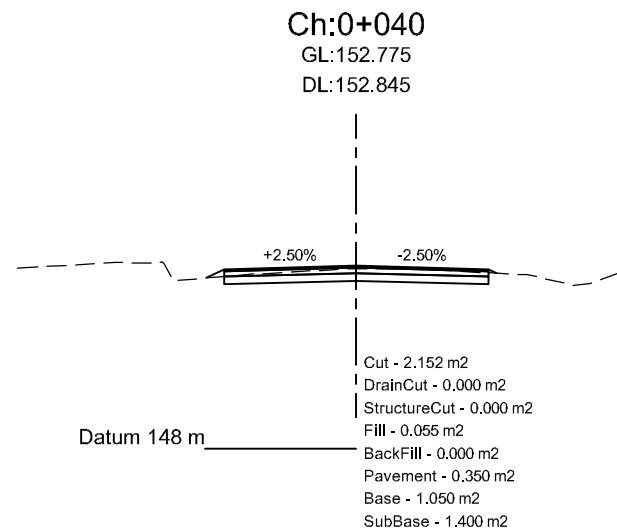
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Plan & Profile
JANA JYOTI TOLE CHOWK
PEEPAL DANDA ROAD
CH: 0+000 - 0+972.377 Km

REV	: DEC 2024
DRG NO	: SM/RD/PP/04
CHAINAGE	: 0+600 to 0+972.377
SHEET NO	: 04/04

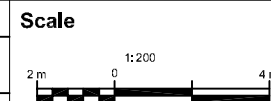


Department of Urban Development & Building
Construction (DUDBC)
Regional Urban Development Project (RUDP)
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Babarmahal, Kathmandu, Nepal

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in Association with
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Mid-Baneshwor, Kathmandu
Tel: 01- 4589393

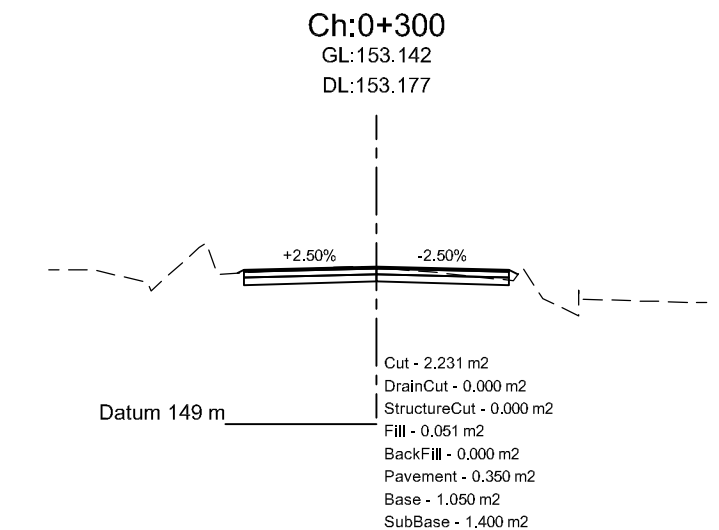
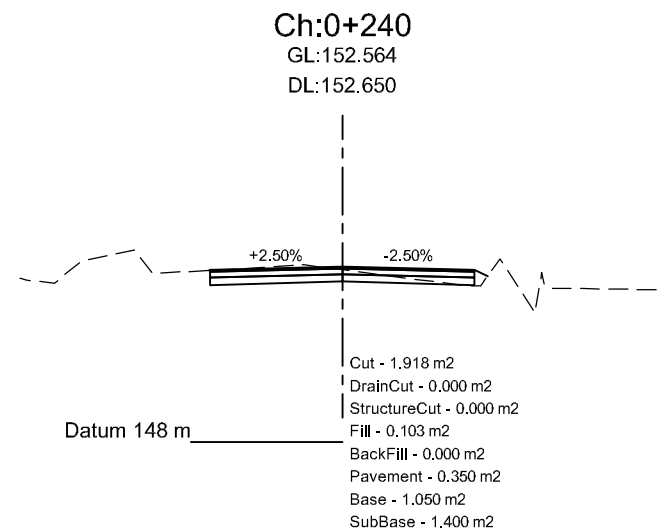
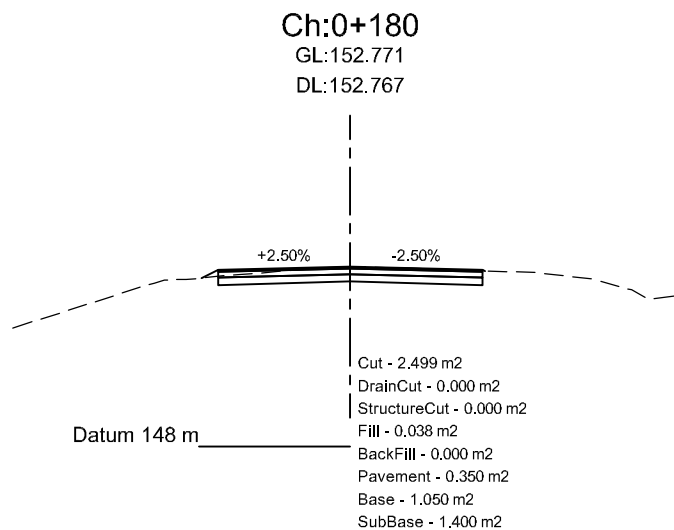
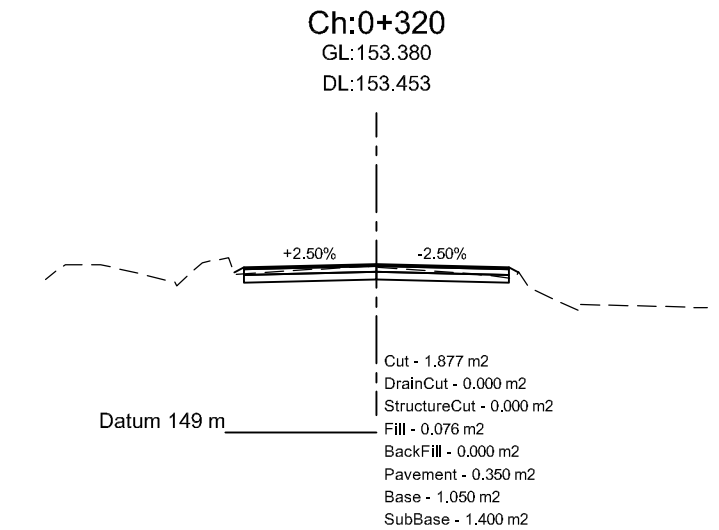
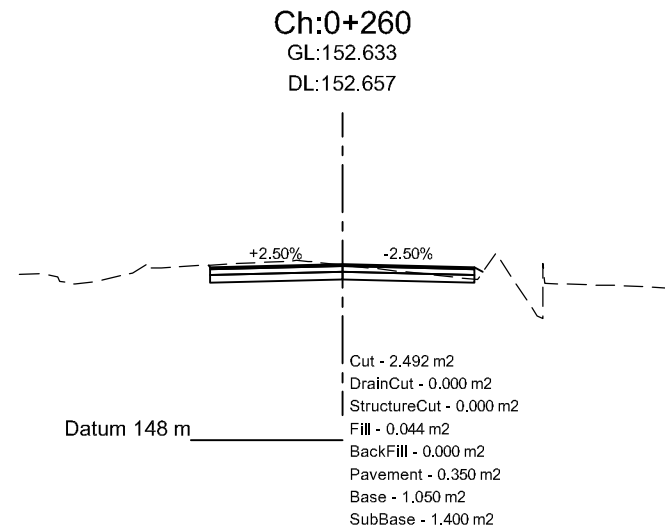
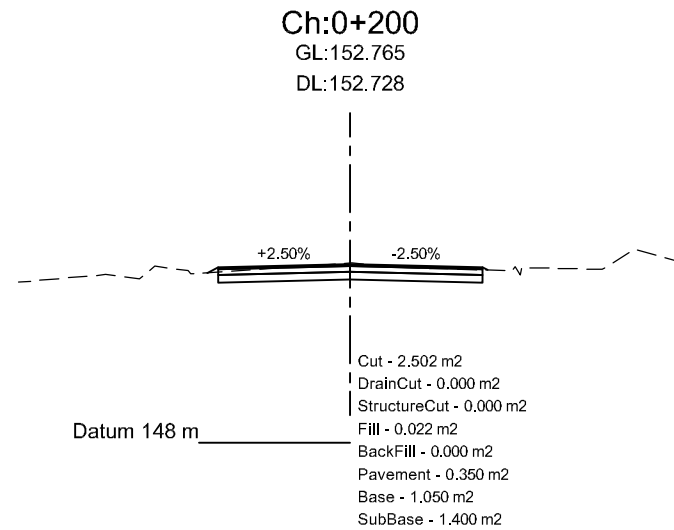
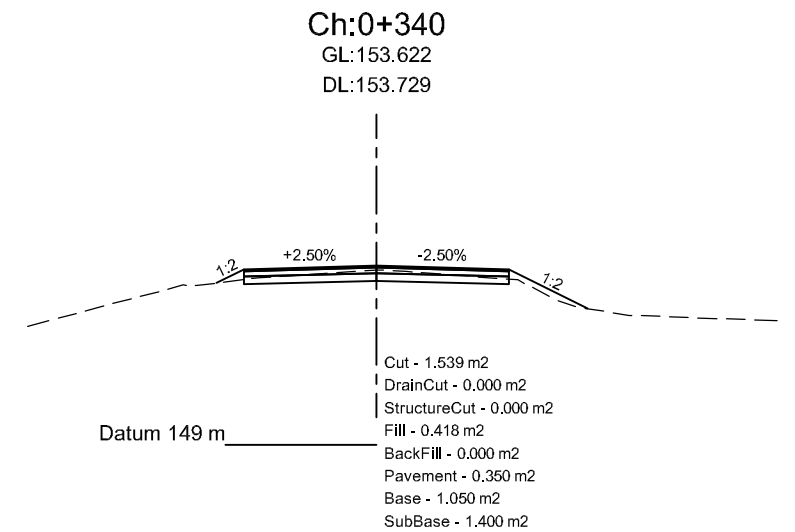
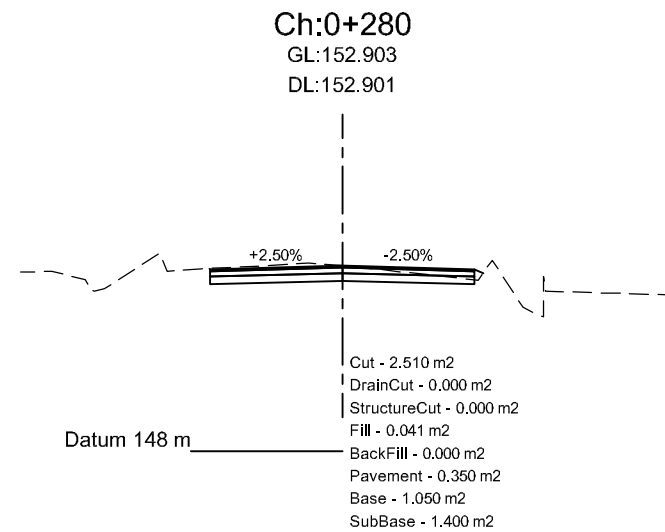
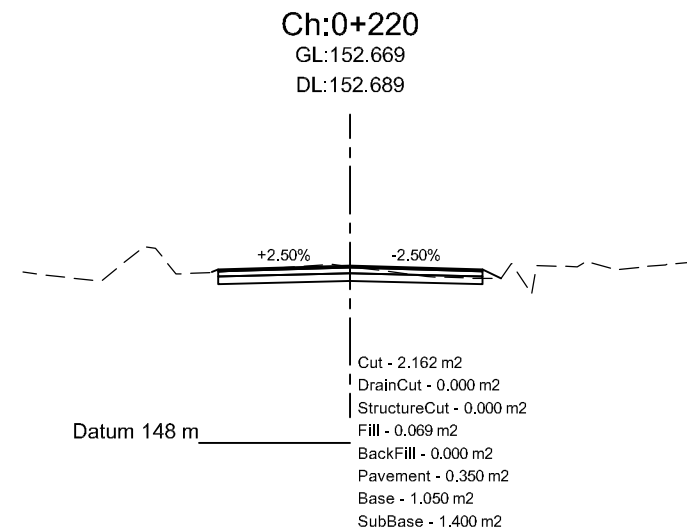
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Cross-Section
JANA JYOTI TOLE CHOWK
PEEPAL DANDA ROAD
CH: 0+000 - 0+972.377 Km

REV : DEC 2024
DRG NO : SM/RD/CS/1
CHAINAGE : 0+000-0+160
SHEET NO : 1

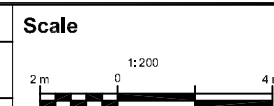


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Tel: 01- 4589393

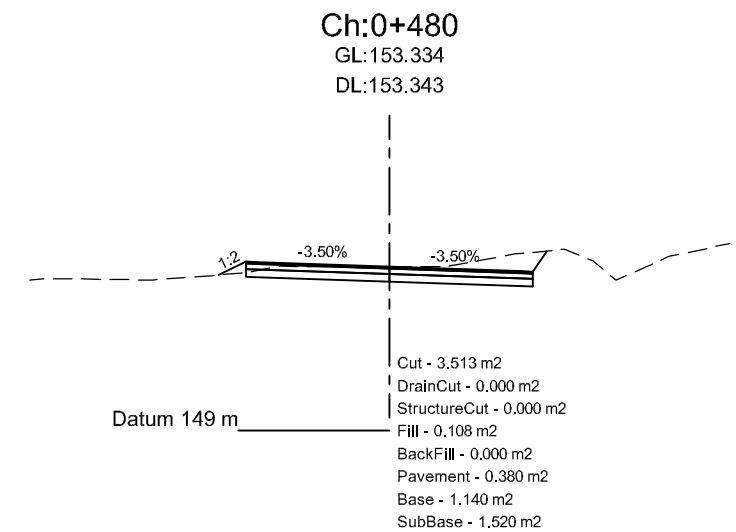
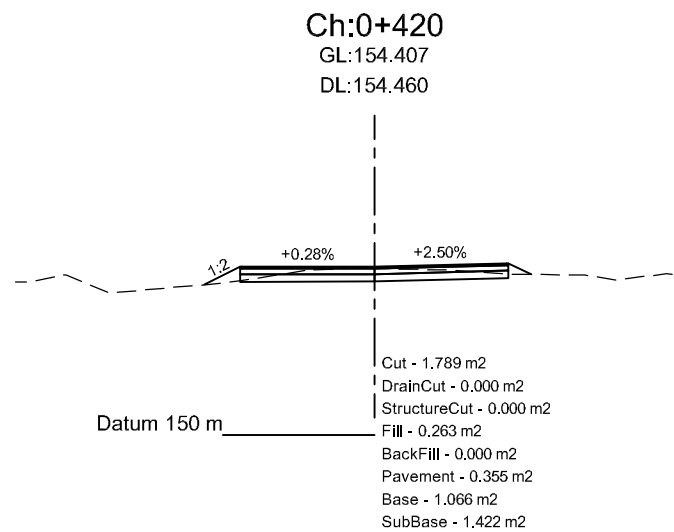
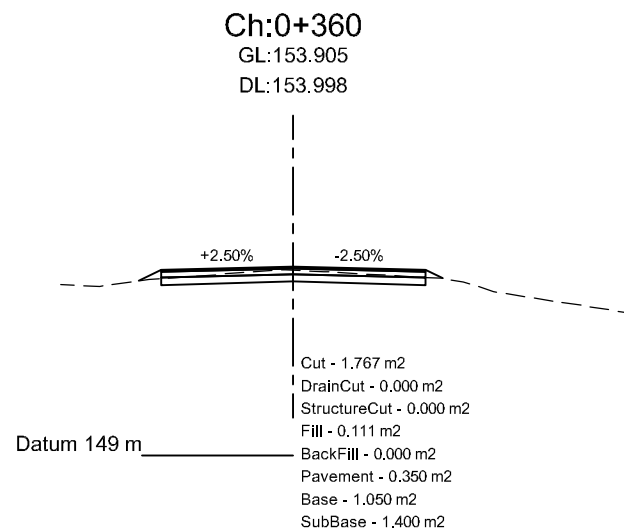
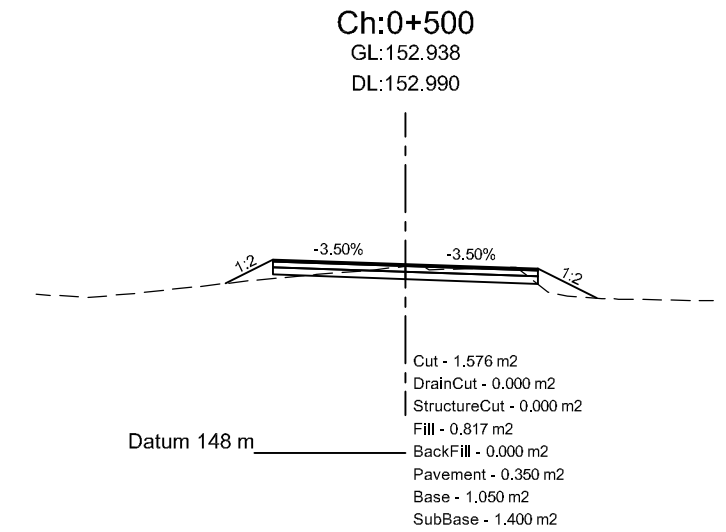
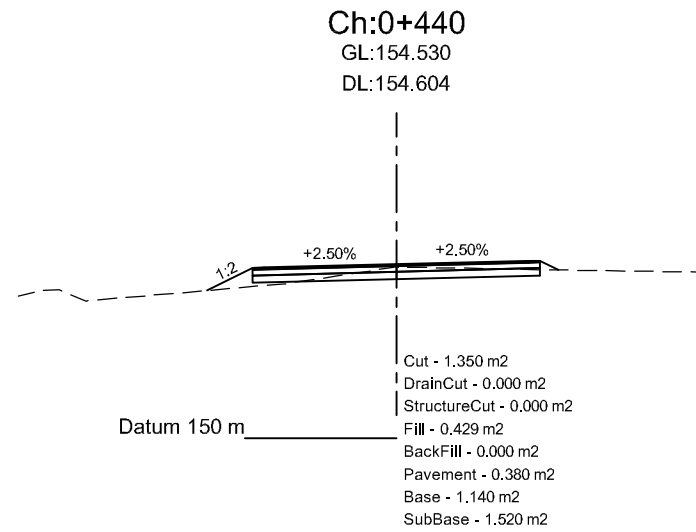
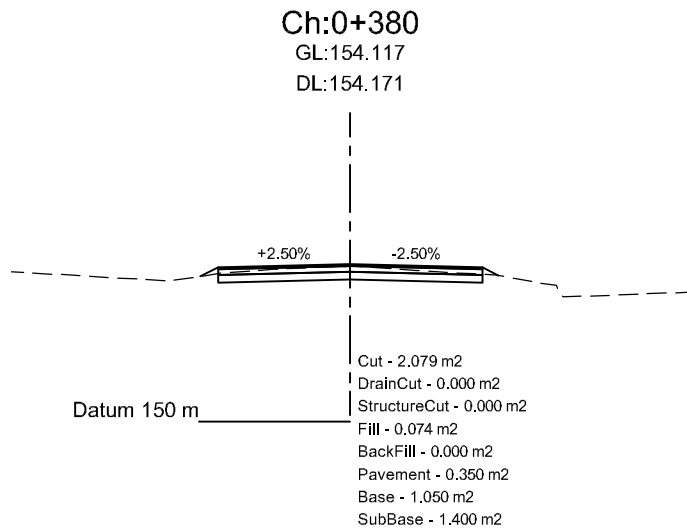
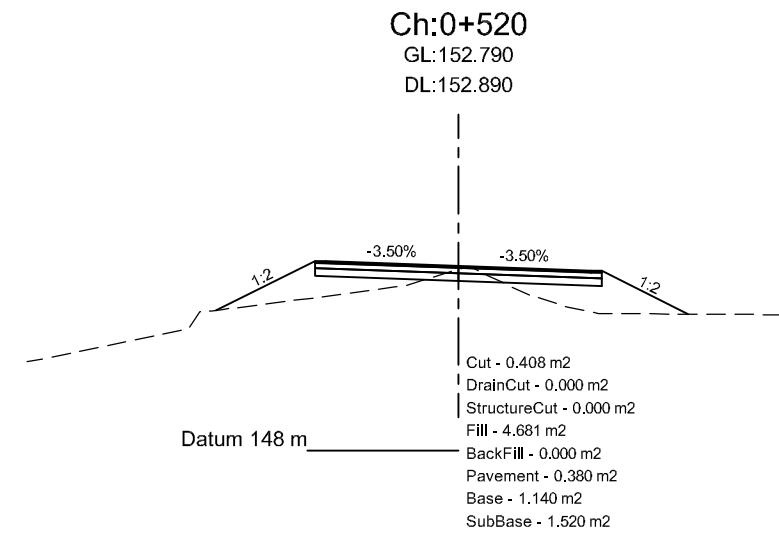
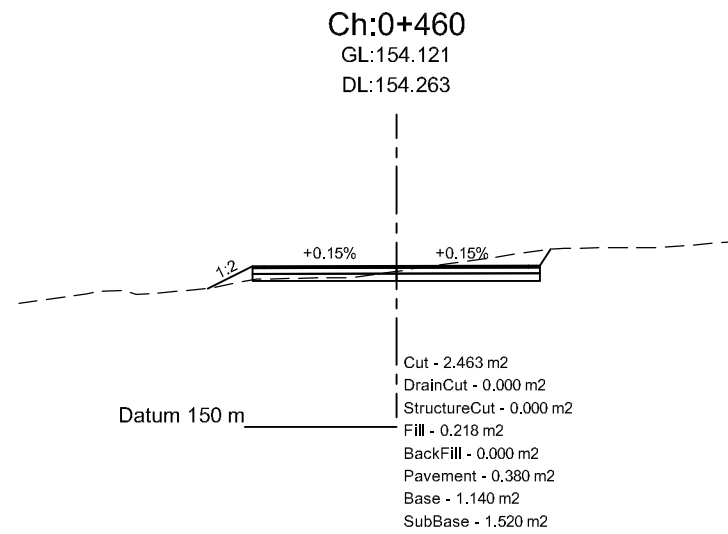
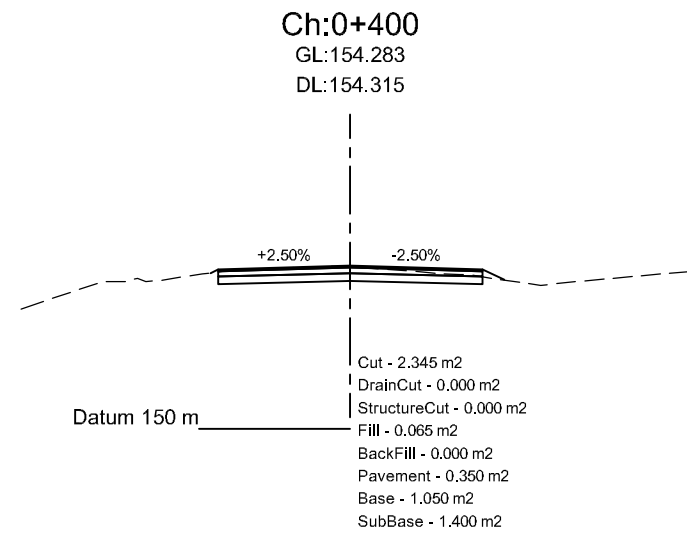
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Cross-Section
JANA JYOTI TOLE CHOWK
PEEPAL DANDA ROAD
CH: 0+000 - 0+972.377 Km

REV : DEC 2024
DRG NO : SM/RD/CS/2
CHAINAGE : 0+180-0+340
SHEET NO : 2

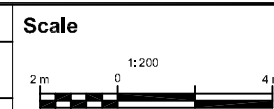


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Mid- Baneshwor, Kathmandu
Tel: 01- 4589393

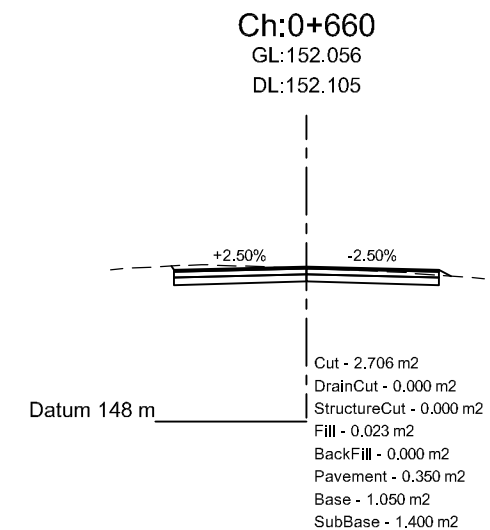
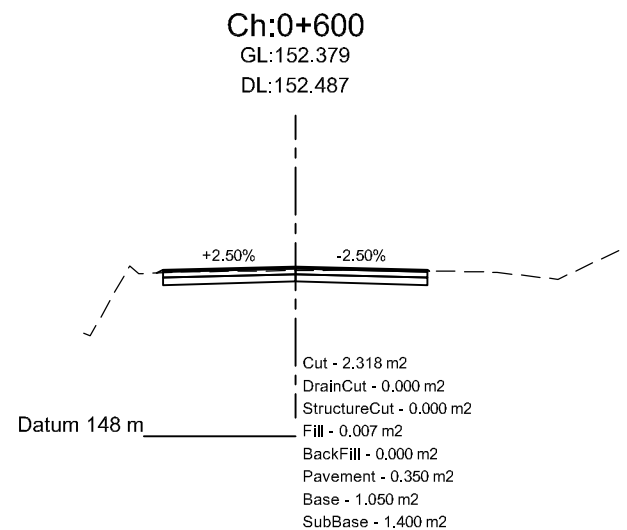
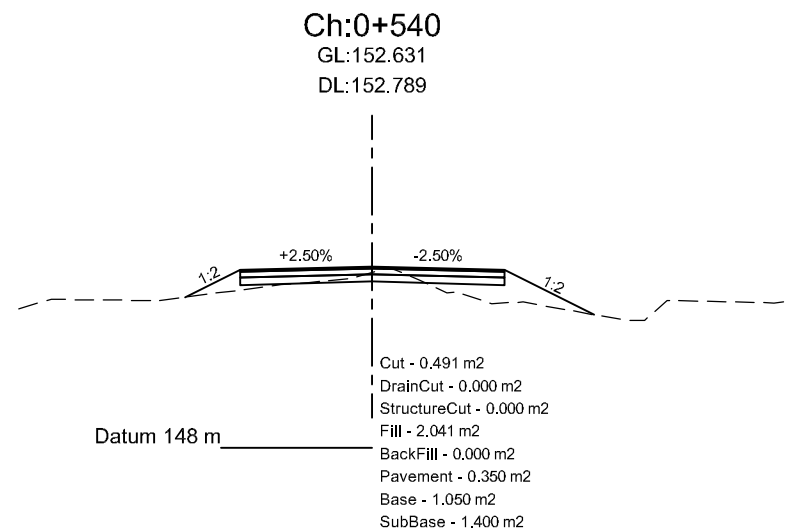
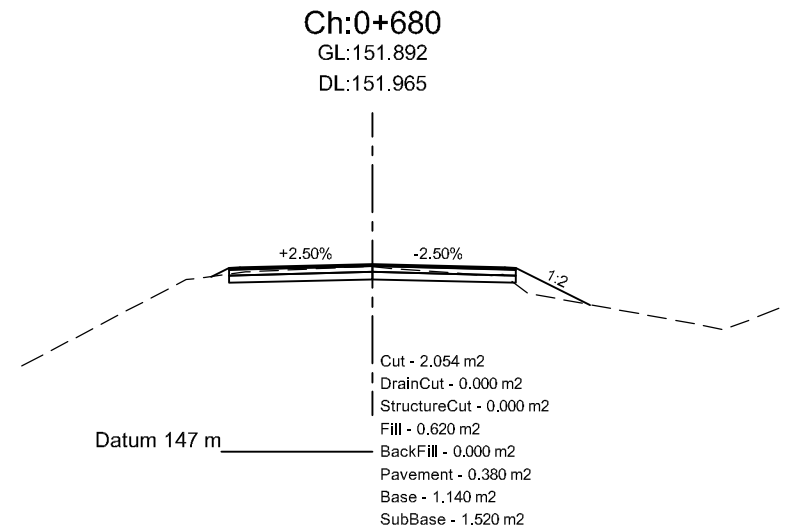
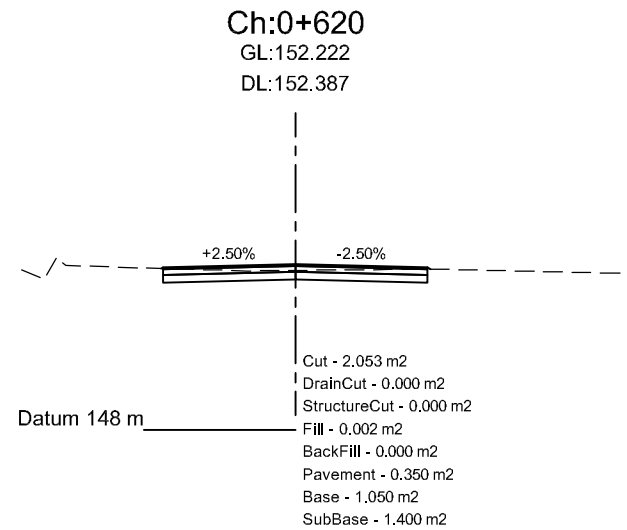
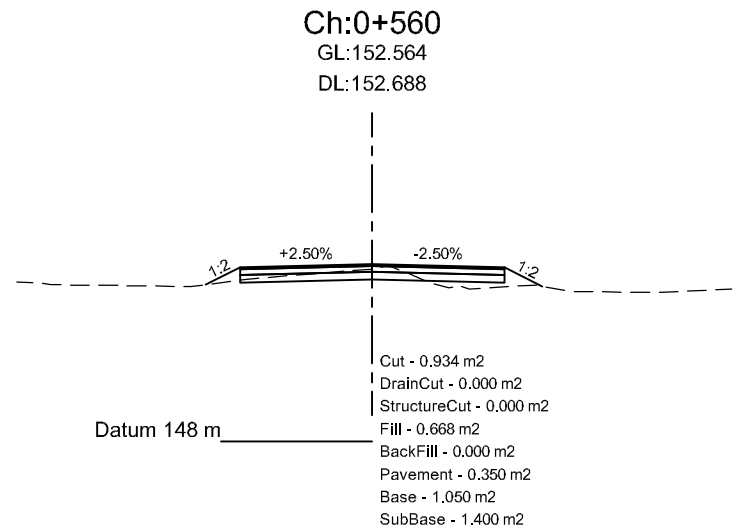
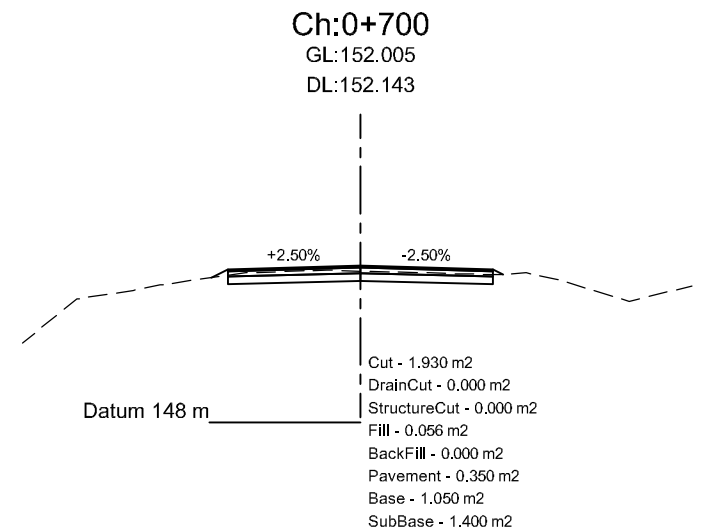
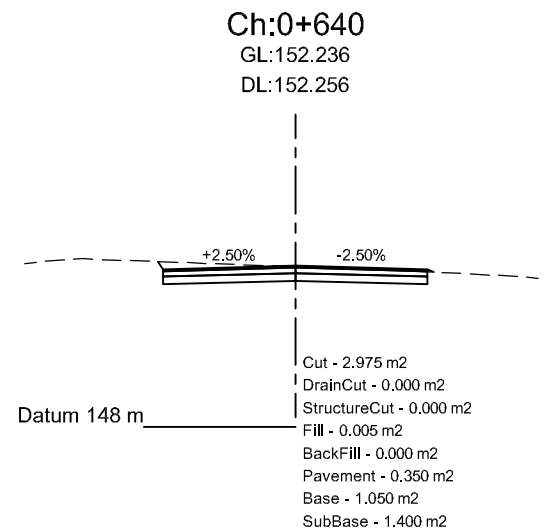
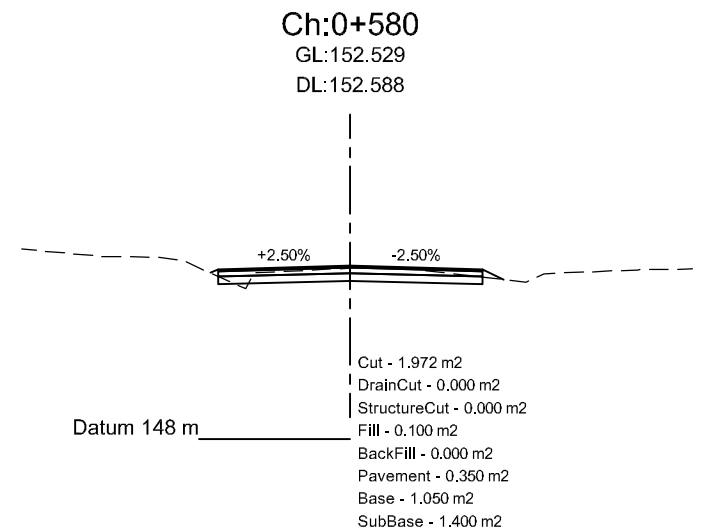
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Cross-Section
JANAJYOTI TOLE CHOWK
PEEPAL DANDA ROAD
CH: 0+000 - 0+972.377 Km

REV : DEC 2024
DRG NO : SM/RD/CS/3
CHAINAGE : 0+360-0+520
SHEET NO : 3

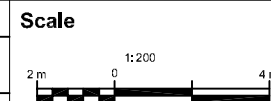


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Mid- Baneshwor, Kathmandu
Tel: 01- 4589393

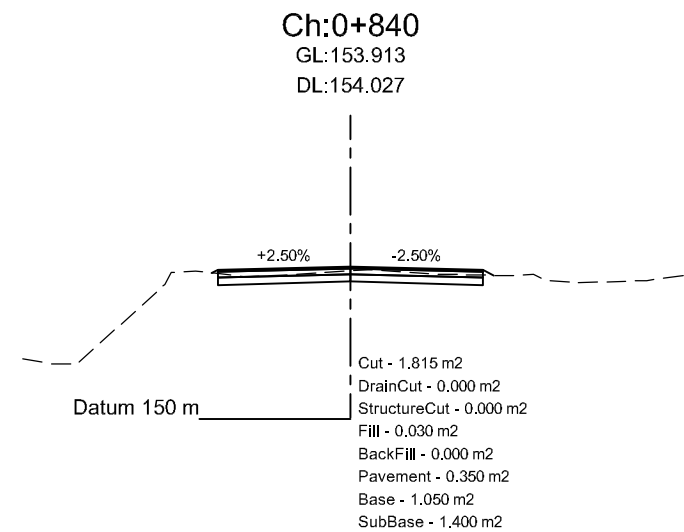
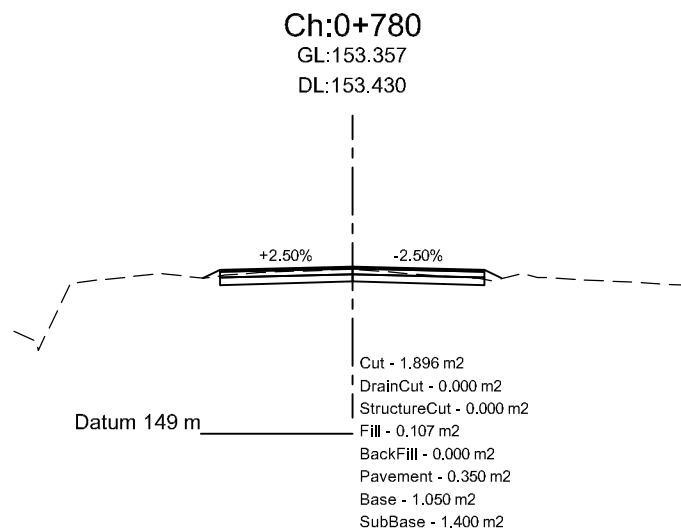
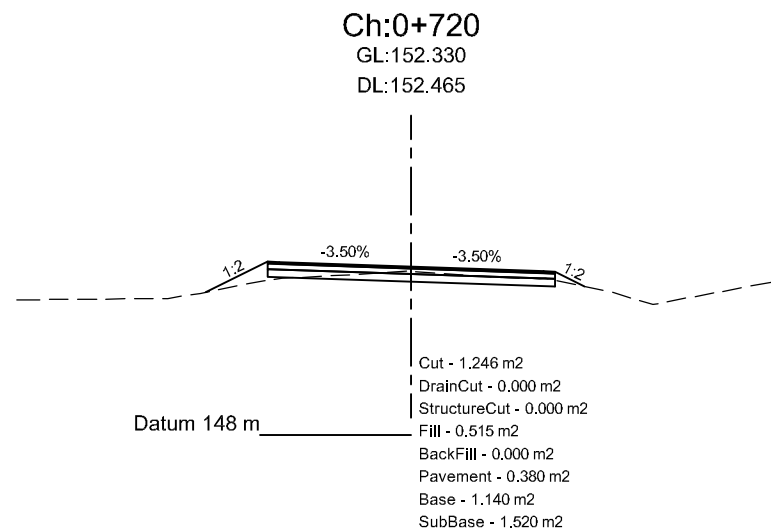
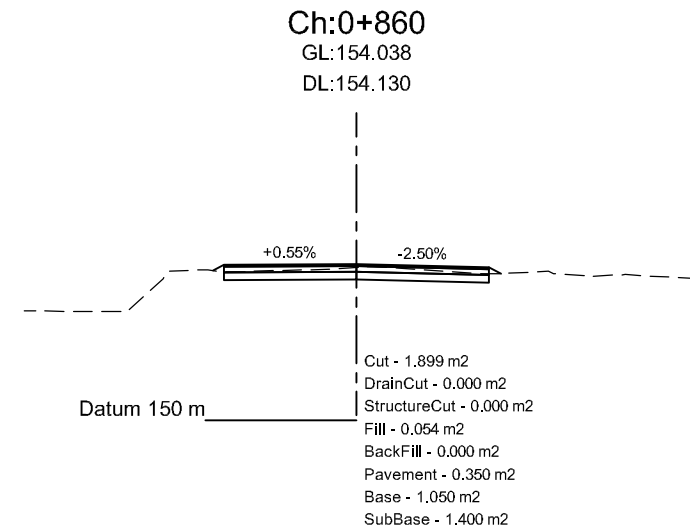
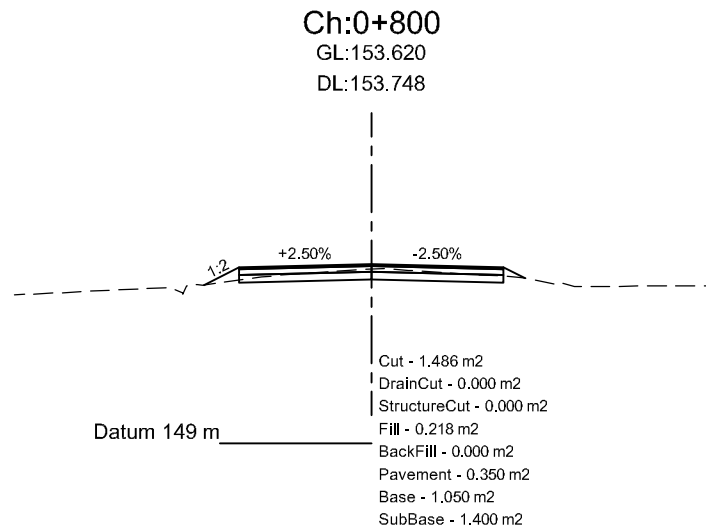
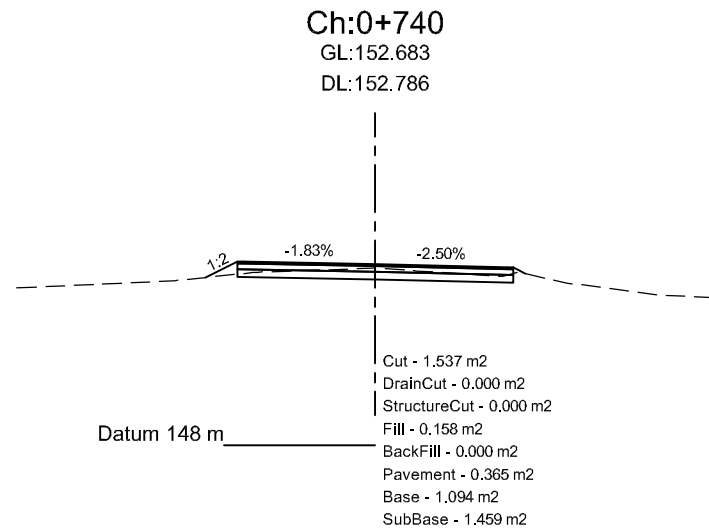
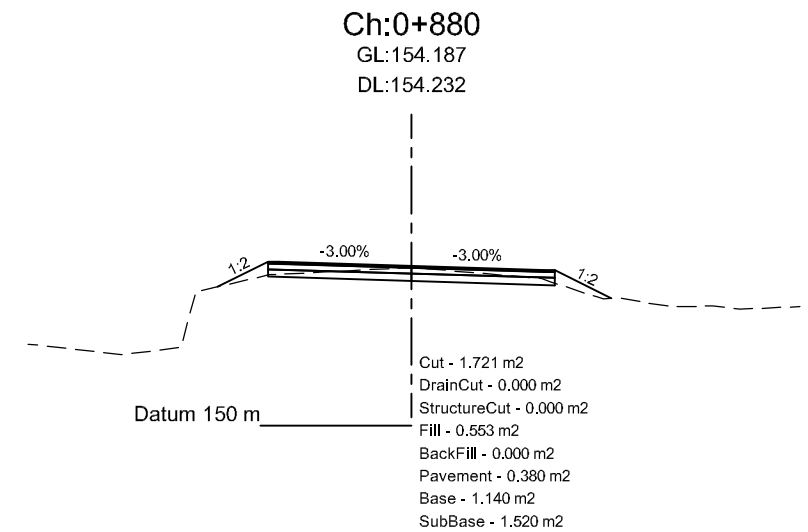
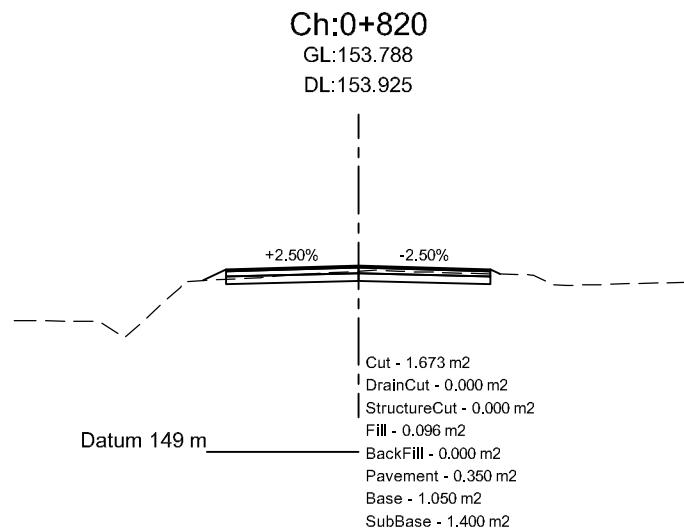
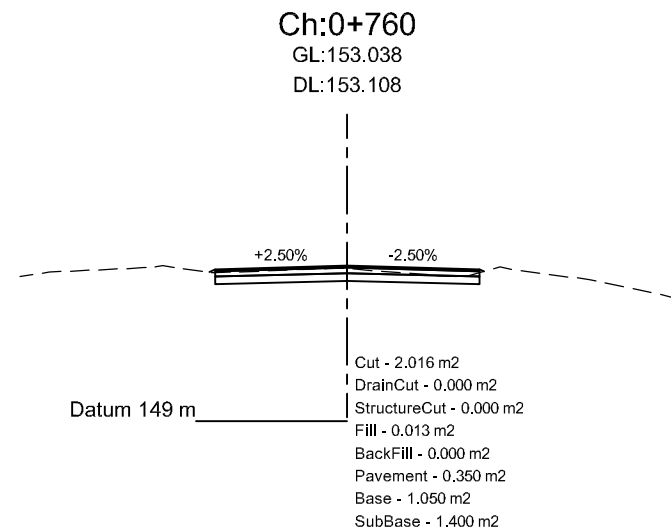
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Cross-Section
JANAJYOTI TOLE CHOWK
PEEPAL DANDA ROAD
CH: 0+000 - 0+972.377 Km

REV : DEC 2024
DRG NO : SM/RD/CS/4
CHAINAGE : 0+540-0+700
SHEET NO : 4

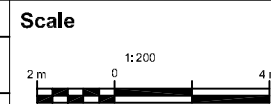


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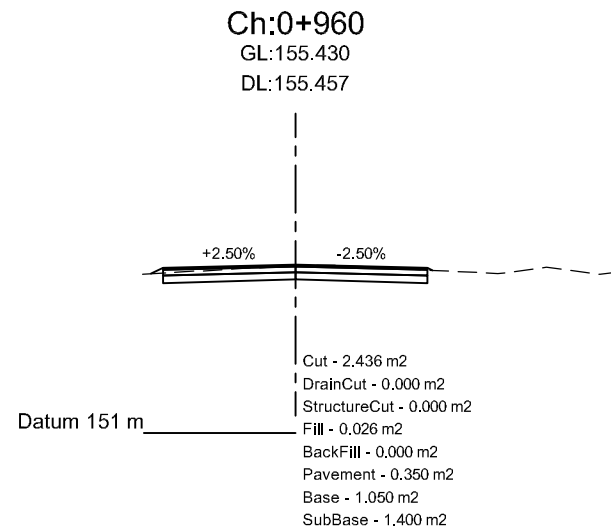
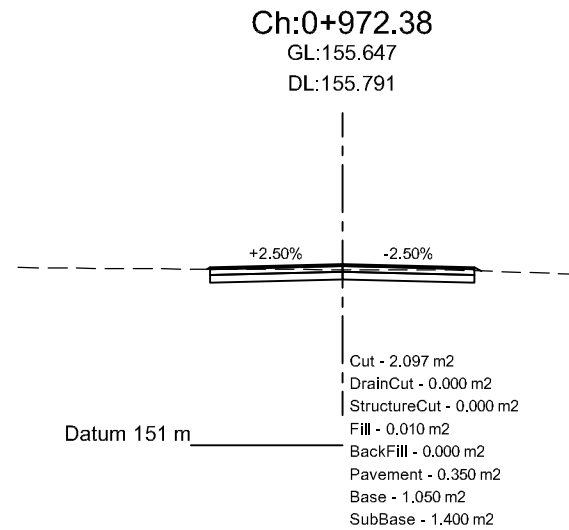
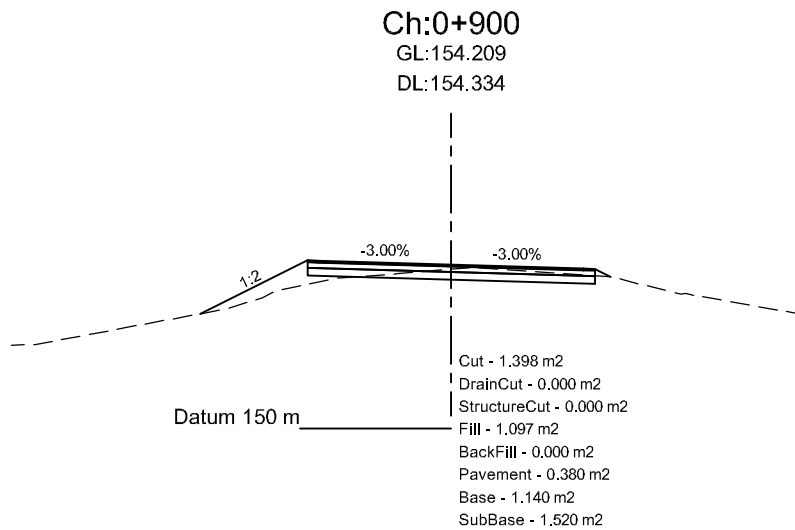
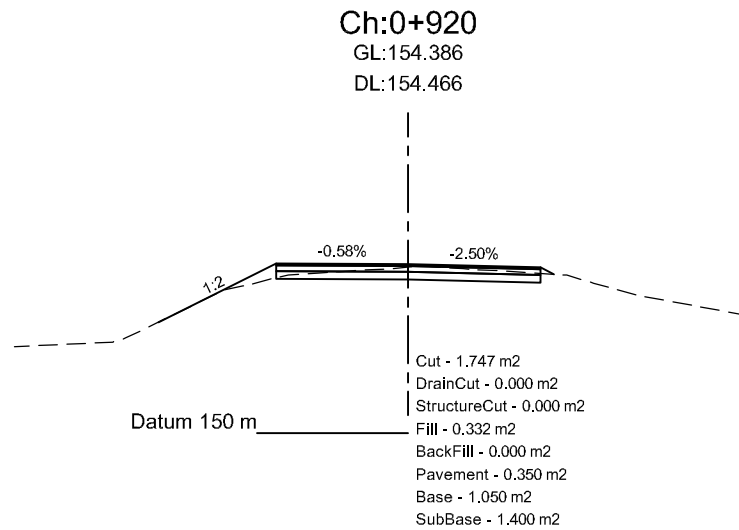
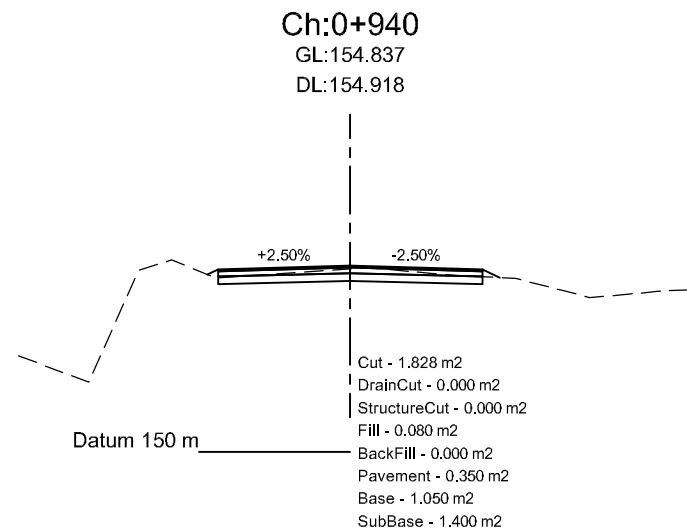
Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Cross-Section
JANAJYOTI TOLE CHOWK
PEEPAL DANDA ROAD
CH: 0+000 - 0+972.377 Km

REV : DEC 2024
DRG NO : SM/RD/CS/5
CHAINAGE : 0+720-0+880
SHEET NO : 5

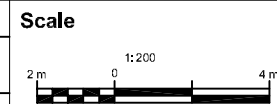


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Tel: 01- 4589393

Consultant
Team Leader : YOO CHANGMIN
Reviewed By : YAGYA BAHADUR MALLA
Designed By : MANJU MUNANKARMI

Client
Approved By :
Checked By :



Cross-Section
JANAJYOTI TOLE CHOWK
PEEPAL DANDA ROAD
CH: 0+000 - 0+972.377 Km

REV : DEC 2024
DRG NO : SM/RD/CS/6
CHAINAGE : 0+900-0+972.38
SHEET NO : 6