

LIST OF DRAWINGS

GENERAL SHEET


DRAWING No.	DESCRIPTION
SH/LD-01	LIST OF DRAWINGS
SH/KP-01	KEY PLAN
SH/CS-01A	TYPICAL CROSS SECTION (SHEET 01 OF 02)
SH/CS-01A	TYPICAL CROSS SECTION (SHEET 02 OF 02)
SH/RS-1/3	ROAD SIGN (SHEET 01 OF 03)
SH/RS-2/3	ROAD SIGN (SHEET 02 OF 03)
SH/RS-3/3	ROAD SIGN (SHEET 03 OF 03)

PLAN AND PROFILE

DRAWING No.	ROAD No.	ROAD NAME	STATION	LENGTH (m)	TCS APPLICABLE
SH/PP-01	RD-1	PULIN BEHARI ROAD	STA: 0+000 TO STA: 0+412.76	412.76	TCS (TYPE-6A&6B)
SH/PP-02	RD-2	QUINTON HILLS ROAD	STA: 0+000 TO STA: 0+408.26	408.26	TCS (TYPE-3A&3B)
SH/PP-03_04_05	RD-3	TRAVERSE LANE	STA: 0+000 TO STA: 0+143.47	143.47	TCS (TYPE-2B)
	RD-4	POLICE BAZAR ROAD (PEDESTRIAN LANE)	STA: 0+000 TO STA: 0+418.83	418.83	REF : Note:1
	RD-5	THANA ROAD (PEDESTRIAN LANE)	STA: 0+000 TO STA: 0+206.46	206.46	REF : Note:2
SH/PP-06	RD-6	UMOSHAN/THANA/QUINTON HILLS/JAIL ROAD	STA: 0+000 TO STA: 0+763.85	763.85	TCS (TYPE-5) & REF : Note:2 TCS (TYPE-3A & 3B)
SH/PP-07	RD-7	VIVEKANANDA/BIVAR/TRAVERSE LANE/ BYLANE CONNECTING GS ROAD&TRAVERSE LANE	STA: 0+000 TO STA: 1+254.64	1254.64	TCS (TYPE-1,2A & 3B)
SH/PP-08	RD-8	VIVEKANANDA ROAD	STA: 0+000 TO STA: 0+496.62	496.62	REF : Note:3
SH/PP-08A_11A_12	RD-8A	VIVEKANANDA ROAD	STA: 0+000 TO STA: 0+167.47	167.47	TCS (TYPE-1)
	RD-11A	GS ROAD	STA: 0+000 TO STA: 0+152.77	152.77	
	RD-12	SP ROAD	STA: 0+000 TO STA: 0+088.40	088.40	
SH/PP-09	RD-9	TEMPLE ROAD / BYLANE CONNECTING OLD JOWAI ROAD AND TEMPLE ROAD	STA: 0+000 TO STA: 0+648.30	648.30	TCS (TYPE-2B) & REF : Note:4
SH/PP-10	RD-10	TEMPLE ROAD / PWD SECRETARIAT HILL ROAD/ OLD JOWAI ROAD	STA: 0+000 TO STA: 0+624.95	624.95	TCS (TYPE-1)
SH/PP-11	RD-11	KEATING ROAD	STA: 0+000 TO STA: 0+356.62	356.62	TCS (TYPE-7)

Note:1
ONLY SURFACE RELAYING,CLEANING OF STORM WATER DRAIN AND TRENCHES, PROVISION OF O/H CABLES
Note:2
CLEANING OF STORM WATER DRAIN AND TRENCHES, PROVISION OF O/H CABLES
Note:3
ELECTRICAL TRENCH ON LHS AND TELECOM SPACER ON LHS
Note:4
ELECTRICAL TRENCH ON RHS AND TELECOM SPACER ON LHS

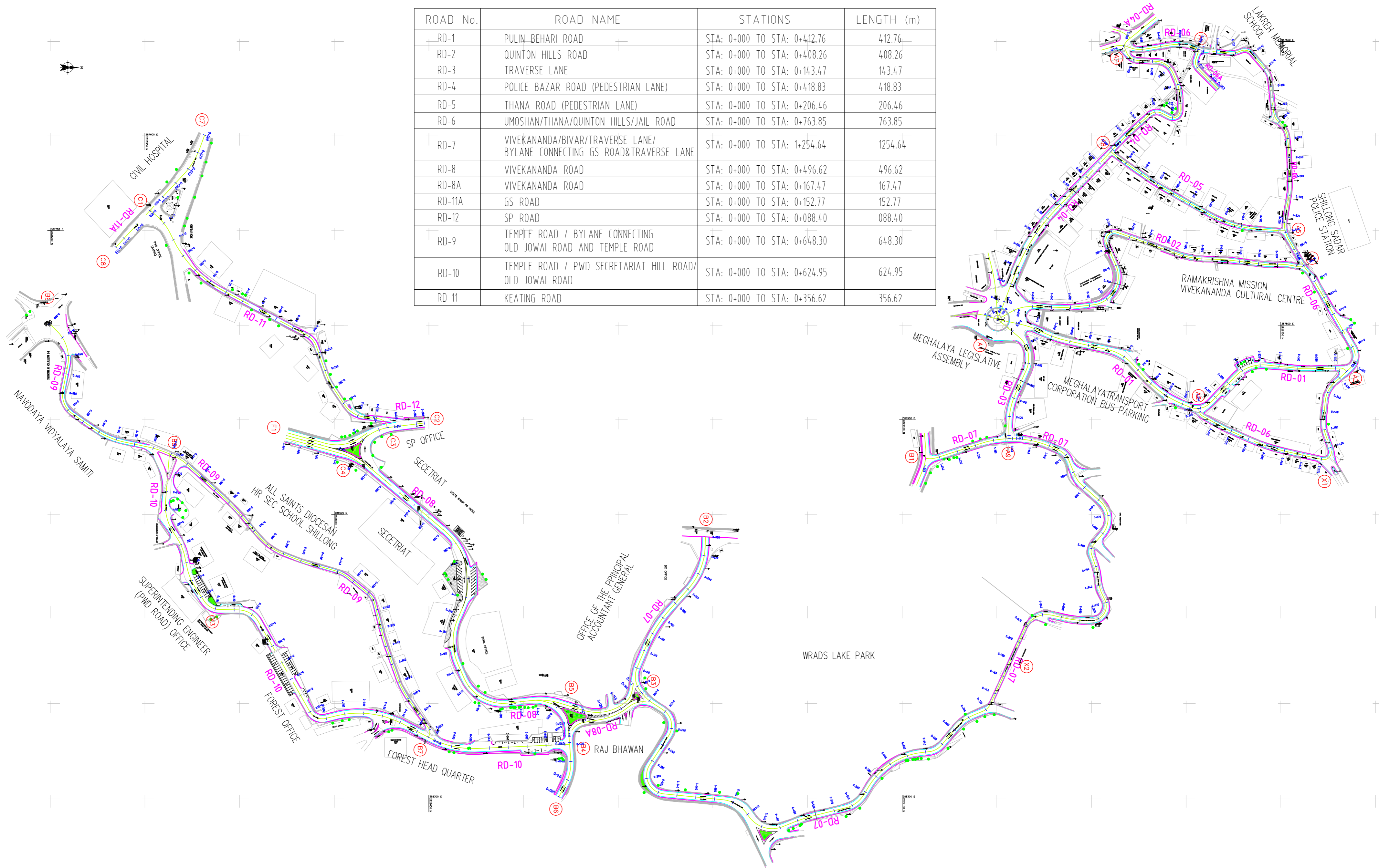
DRAWINGS ARE FOR TENDER PURPOSES ONLY

R1 14.01.2020 REVISED AS PER CLIENTS COMMENTS		DINFRA 24.01.2020		Designed : IPEG	Client SHILLONG SMART CITY LIMITED	Submitted By IPE GLOBAL Expanding Horizons. Enriching Lives.	Project: DEVELOPMENT OF SMART ROAD IN SHILLONG	Drg No : SH/LD-01 Scale : NTS Date : 29.01.2020 Contract No. ...
Rev dd/mm/yyyy Description		Rev by dd/mm/yyyy		Checked : 				
				Approved : 				

LIST OF DRAWINGS

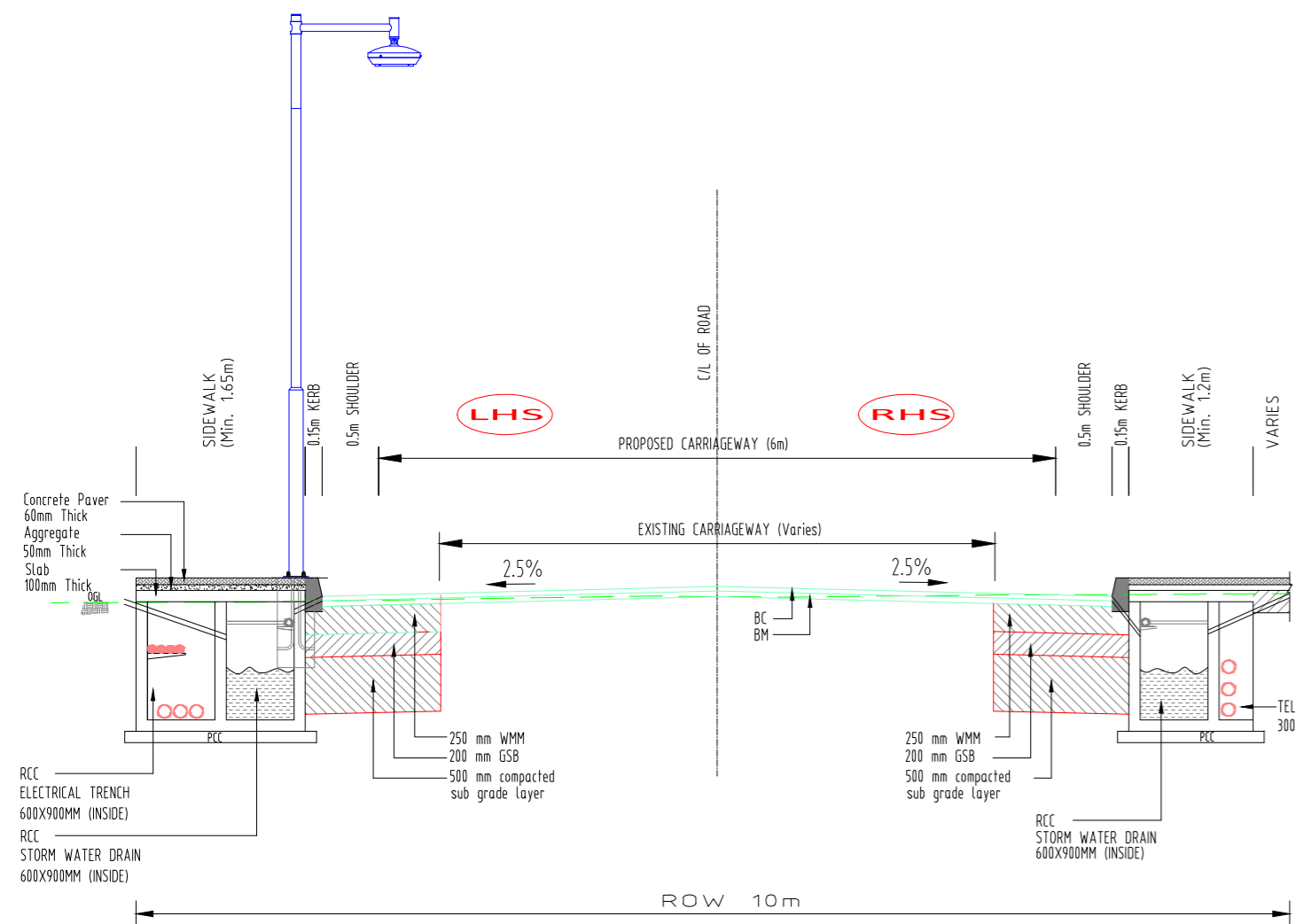
SCHEDULE OF ROADS

ROAD No.	ROAD NAME	STATIONS	LENGTH (m)
RD-1	PULIN BEHARI ROAD	STA: 0+000 TO STA: 0+412.76	412.76
RD-2	QUINTON HILLS ROAD	STA: 0+000 TO STA: 0+408.26	408.26
RD-3	TRAVERSE LANE	STA: 0+000 TO STA: 0+143.47	143.47
RD-4	POLICE BAZAR ROAD (PEDESTRIAN LANE)	STA: 0+000 TO STA: 0+418.83	418.83
RD-5	THANA ROAD (PEDESTRIAN LANE)	STA: 0+000 TO STA: 0+206.46	206.46
RD-6	UMOSHAN/THANA/QUINTON HILLS/JAIL ROAD	STA: 0+000 TO STA: 0+763.85	763.85
RD-7	VIVEKANANDA/BIVAR/TRAVERSE LANE/ BYLANE CONNECTING GS ROAD&TRAVERSE LANE	STA: 0+000 TO STA: 1+254.64	1254.64
RD-8	VIVEKANANDA ROAD	STA: 0+000 TO STA: 0+496.62	496.62
RD-8A	VIVEKANANDA ROAD	STA: 0+000 TO STA: 0+167.47	167.47
RD-11A	GS ROAD	STA: 0+000 TO STA: 0+152.77	152.77
RD-12	SP ROAD	STA: 0+000 TO STA: 0+088.40	088.40
RD-9	TEMPLE ROAD / BYLANE CONNECTING OLD JOWAI ROAD AND TEMPLE ROAD	STA: 0+000 TO STA: 0+648.30	648.30
RD-10	TEMPLE ROAD / PWD SECRETARIAT HILL ROAD/ OLD JOWAI ROAD	STA: 0+000 TO STA: 0+624.95	624.95
RD-11	KEATING ROAD	STA: 0+000 TO STA: 0+356.62	356.62

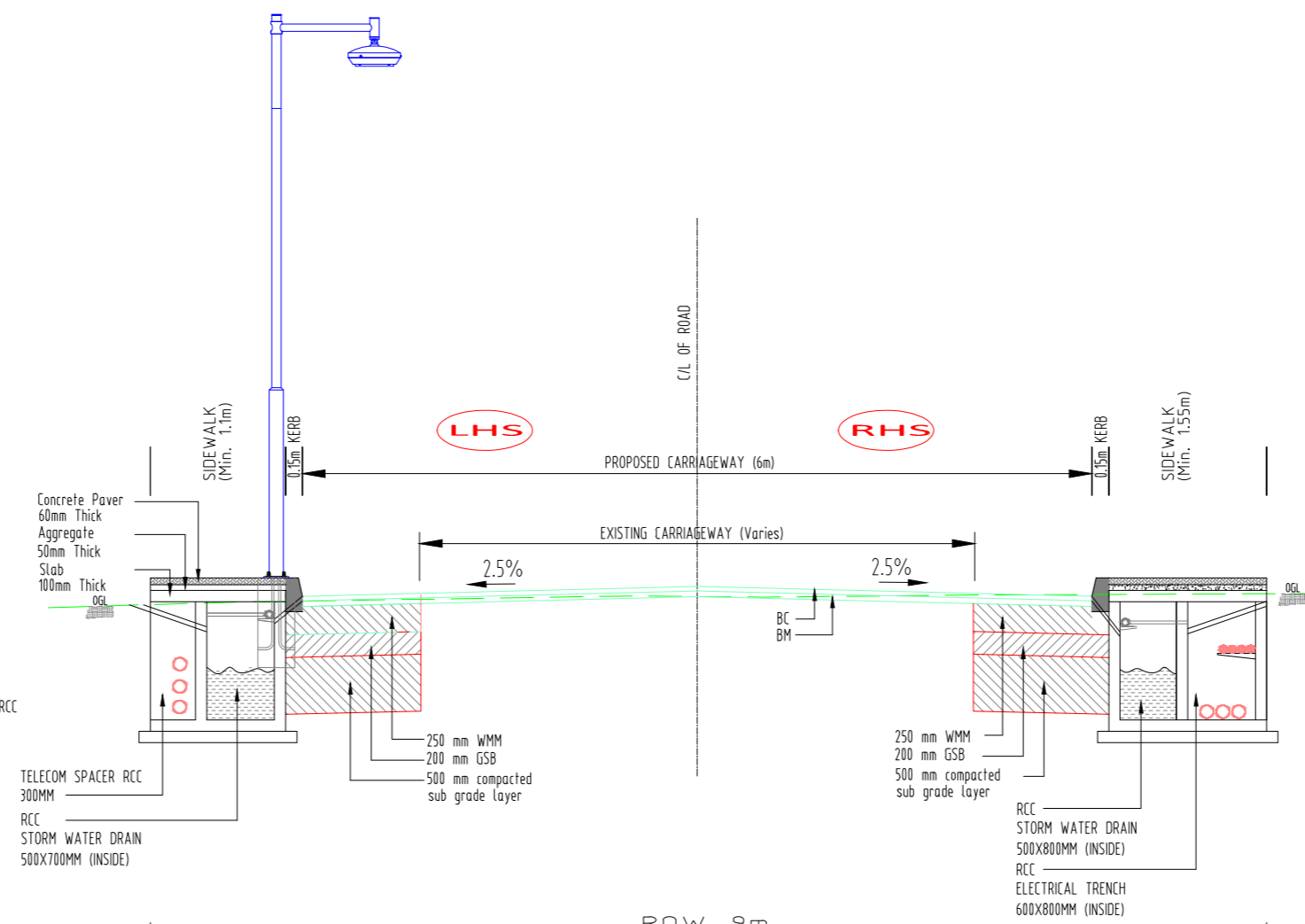


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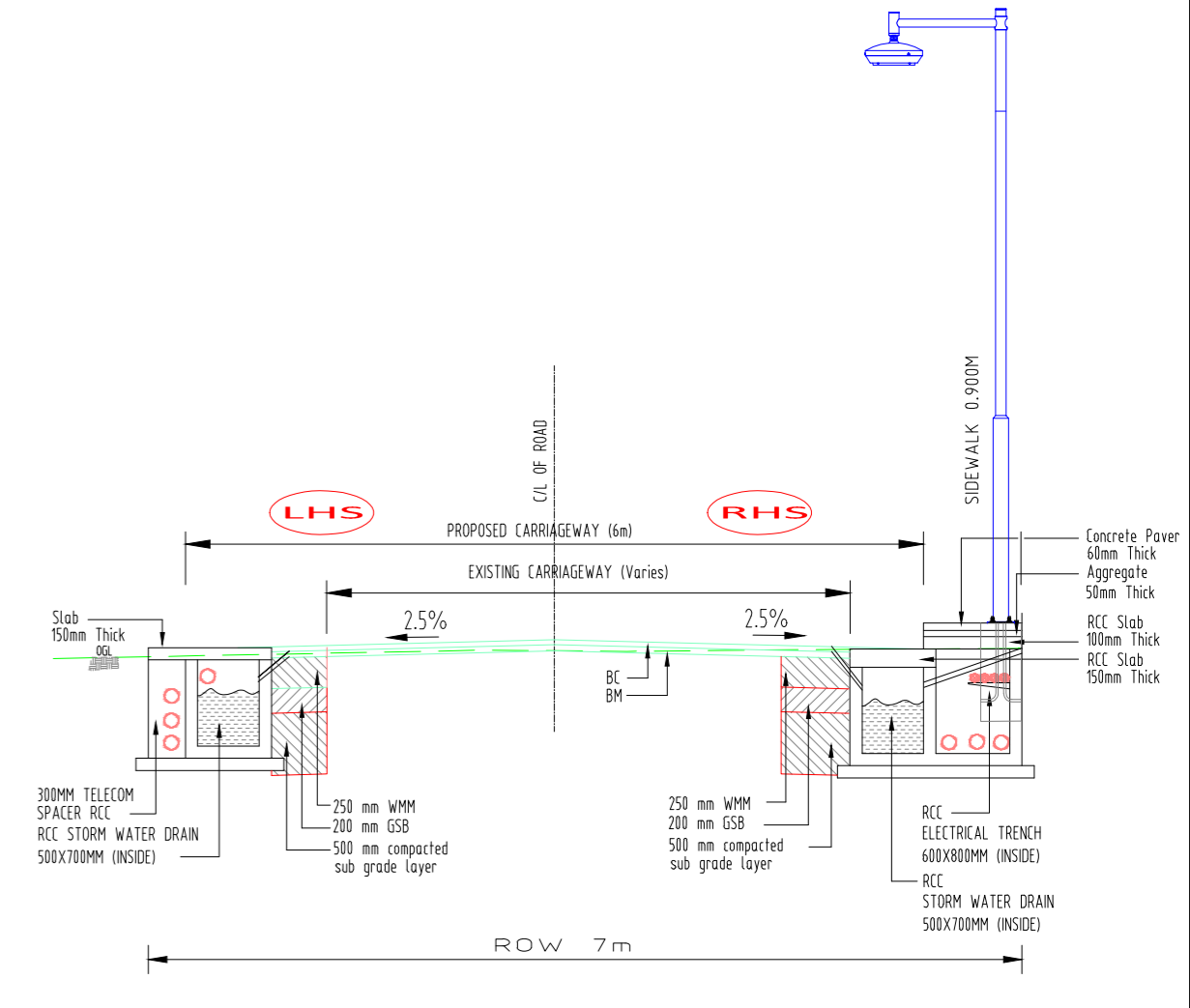
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Checked :								Drng No :	SH/KP-01
Approved :								Scale :	1:2000
R1 14.01.2020	REVISED AS PER CLIENTS COMMENTS	DINFRA	24.01.2020					Date :	29.01.2020
Rev dd/mm/yyyy	Description	Rev by	dd/mm/yyyy					Contract No. ...	Rev R1
								Drng Title:	KEYPLAN



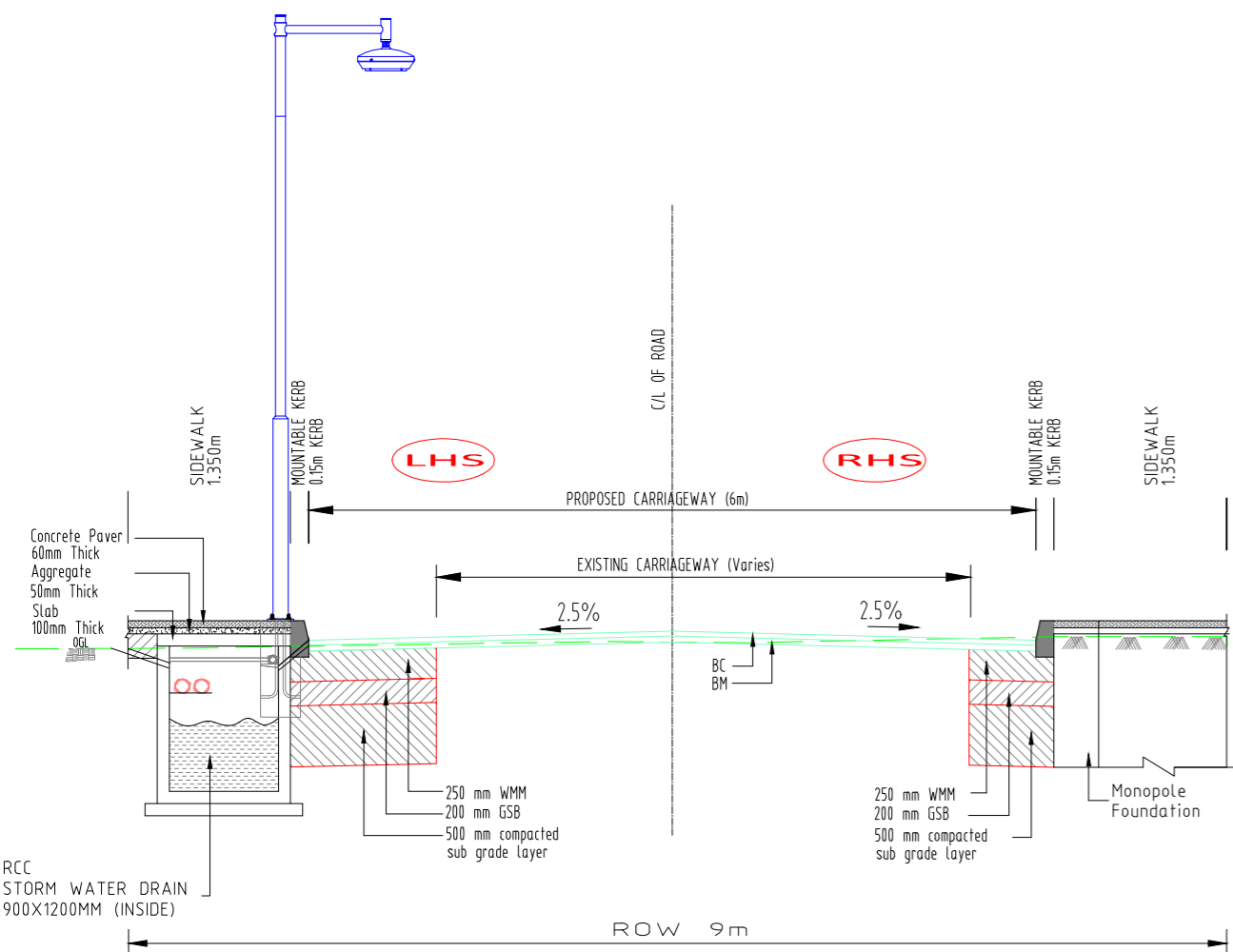
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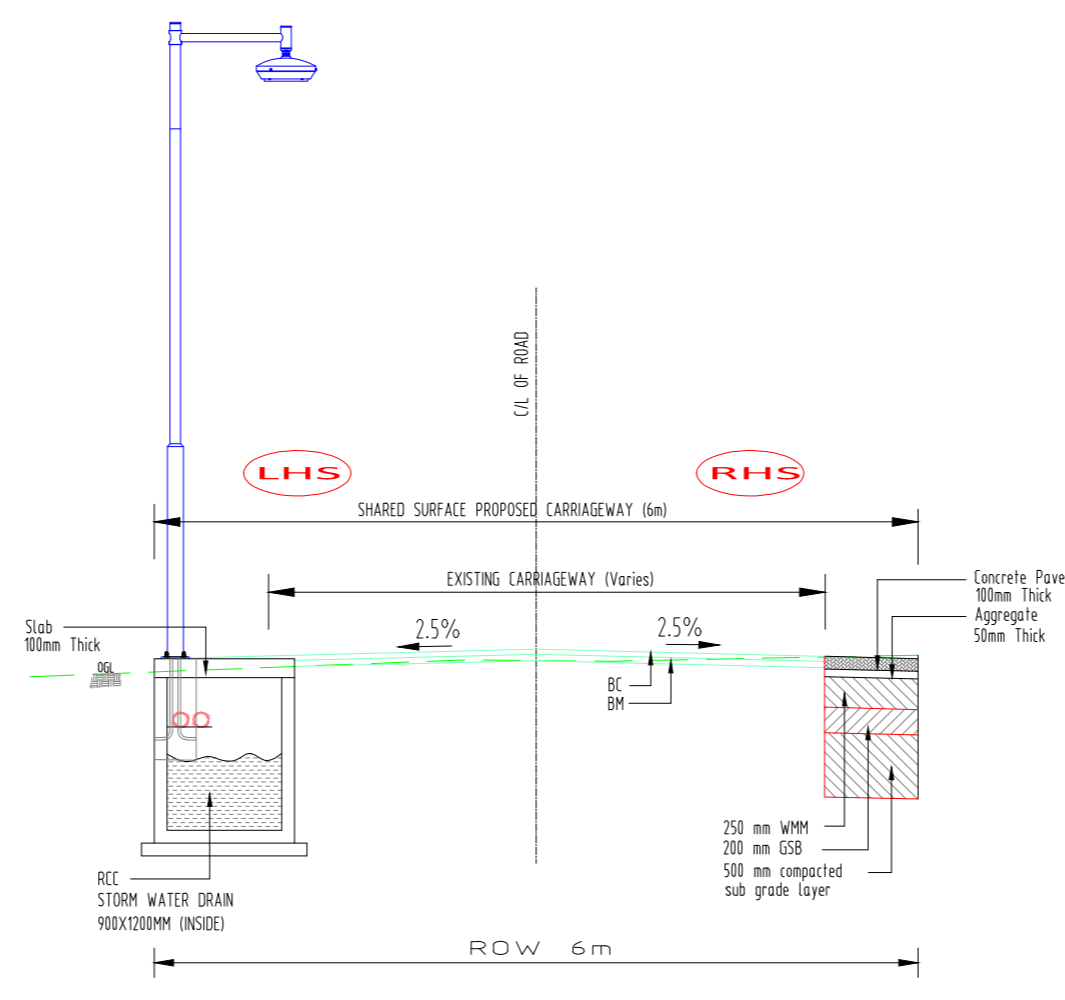
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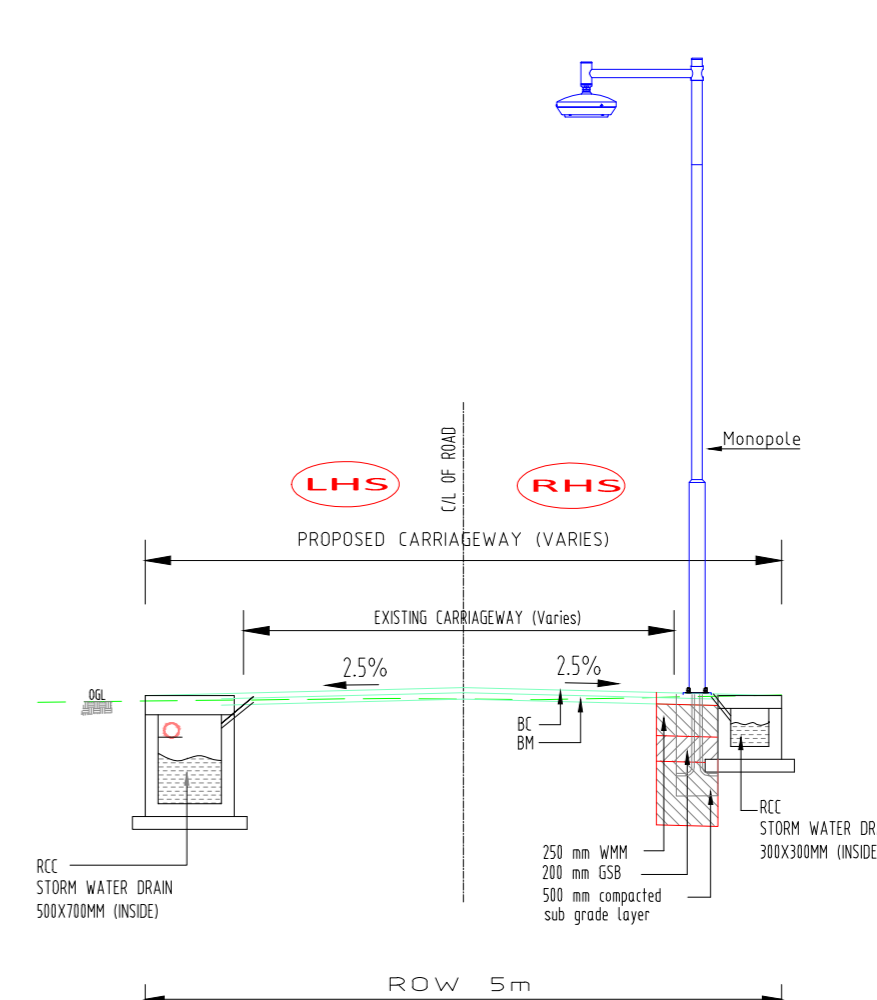
TYP CS (TYPE-2B)



TYP CS (TYPE-3A)



TYP CS (TYPE-3B)



TYP CS (TYPE-4)

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R1	14.01.2020	REVISED AS PER CLIENTS COMMENTS	DINFRA	24.01.2020
Rev	dd/mm/yyyy	Description	Rev by	dd/mm/yyyy

Designed :	IPEG
Checked :	
Approved :	

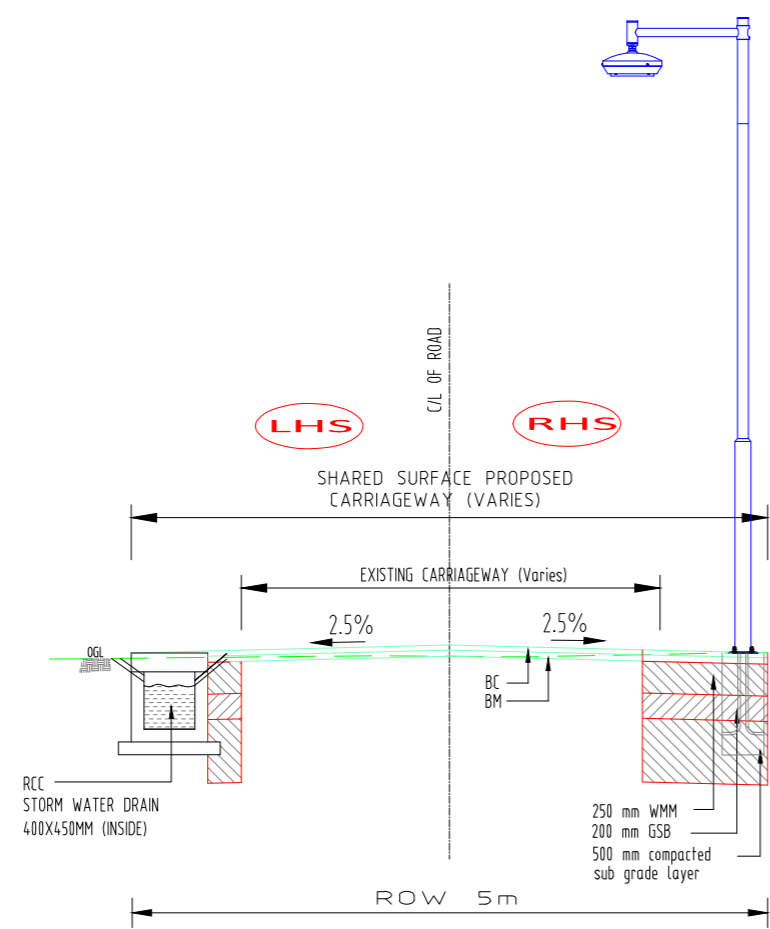
Client
SHILLONG SMART CITY LIMITED

Submitted By
IPE GLOBAL
 Expanding Horizons. Enriching Lives.

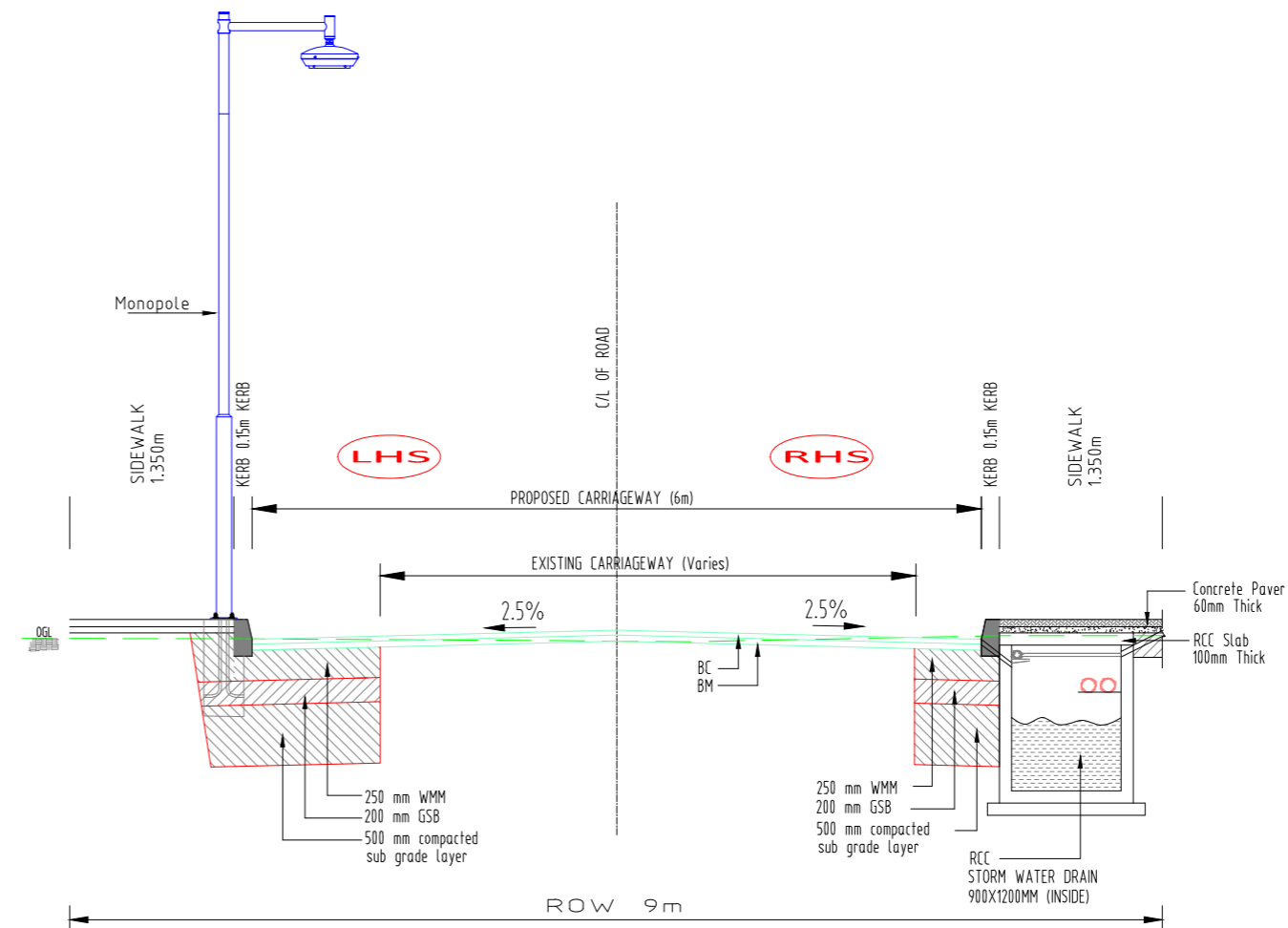
Project:
DEVELOPMENT OF SMART ROAD IN SHILLONG

Project Title:
TYPICAL CROSS SECTION (SHEET 01 OF 02)

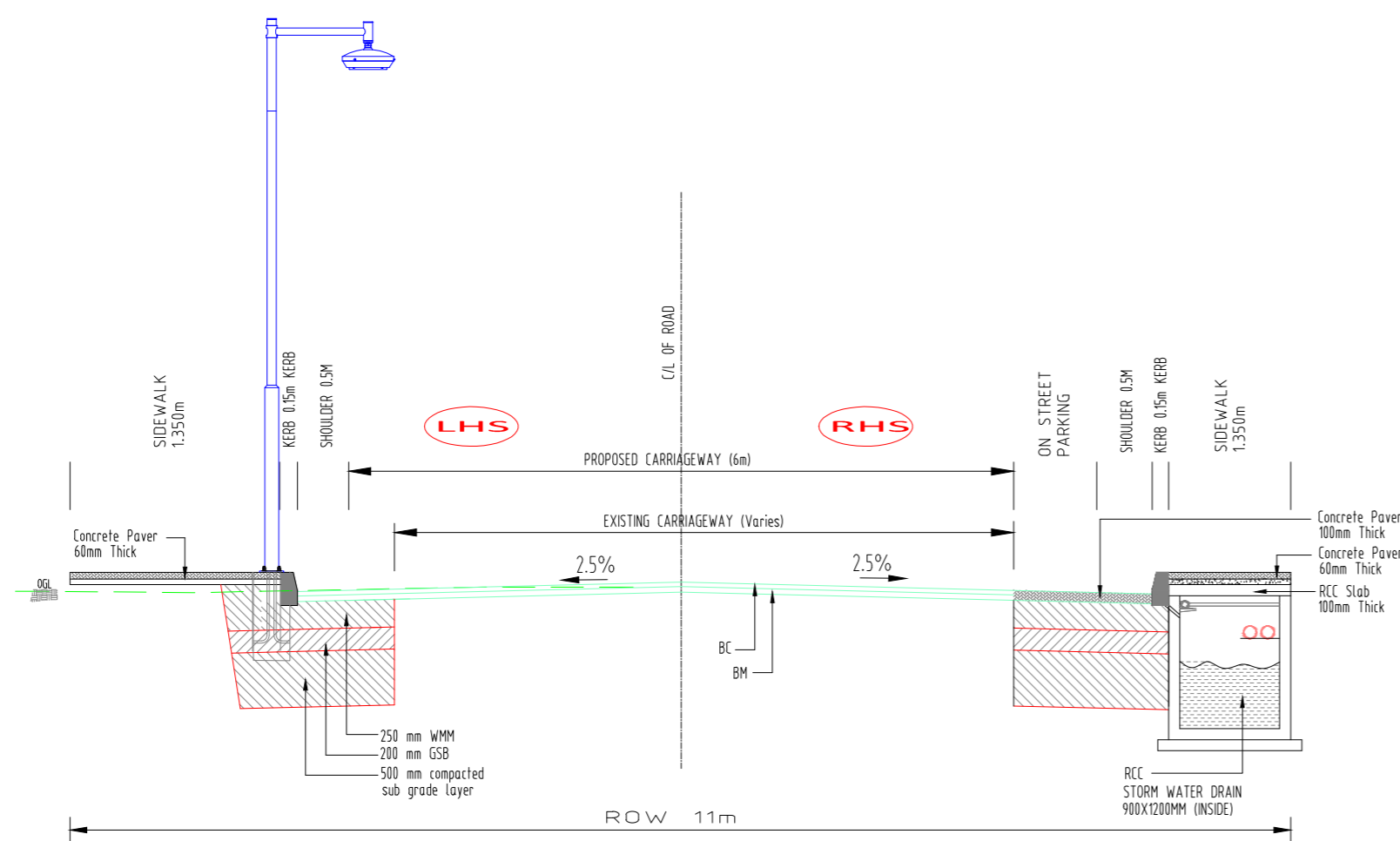
Drng No :	SH/CS-01A
Scale :	NTS
Date :	29.01.2020
Contract No. :	
Rev	R1



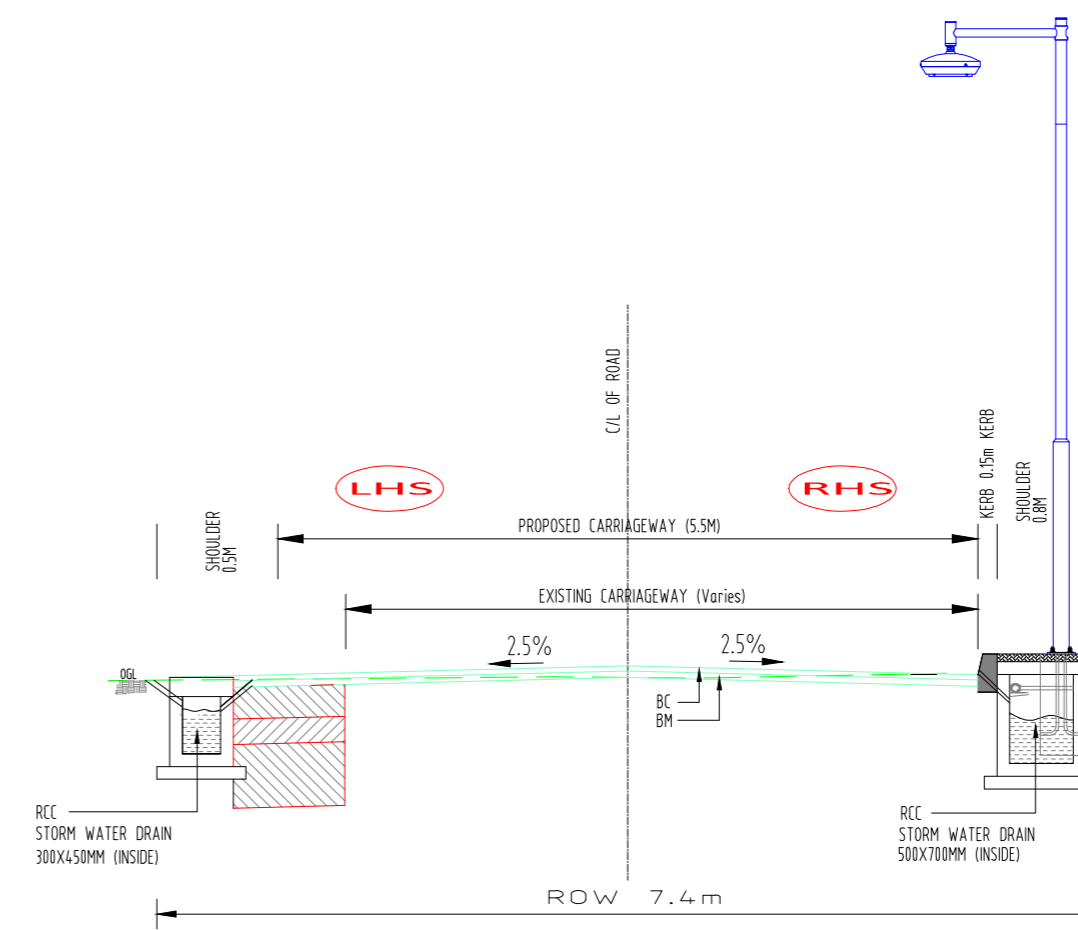
TYP CS (TYPE-5)



TYP CS (TYPE-6A)



TYP CS (TYPE-6B)



TYP CS (TYPE-7)

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R1	14.01.2020	REVISED AS PER CLIENTS COMMENTS	DINFRA	24.01.2020
Rev	dd/mm/yyyy	Description	Rev by	dd/mm/yyyy

Designed :	IPEG
Checked :	
Approved :	

Client
SHILLONG SMART CITY LIMITED

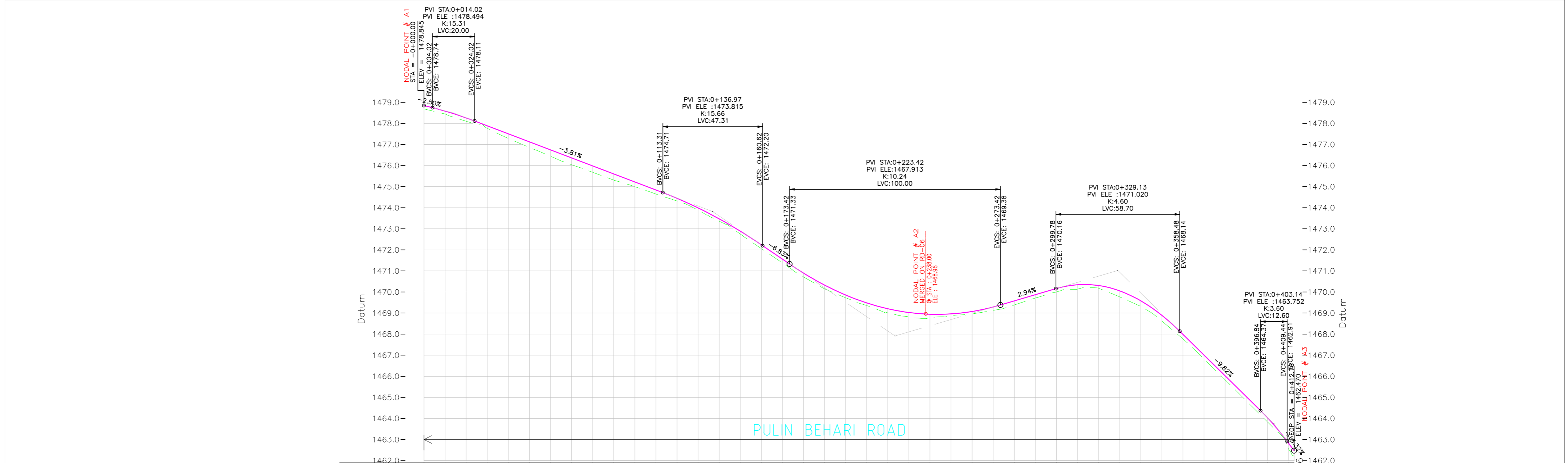
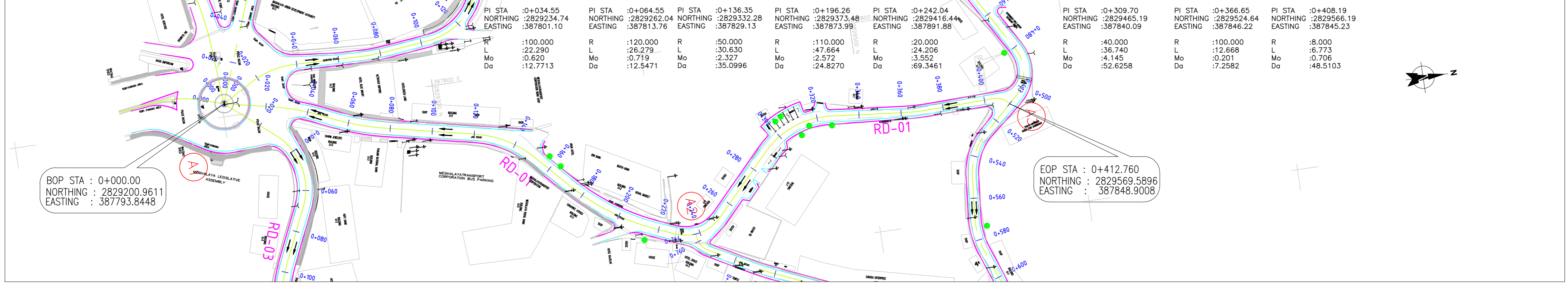
Submitted By

 Expanding Horizons. Enriching Lives.

Project:
DEVELOPMENT OF SMART ROAD IN SHILLONG

Dr Title:
TYPICAL CROSS SECTION (SHEET 02 OF 02)

Dr No :	SH/CS-01B
Scale :	NTS
Date :	29.01.2020
Contract No. :	
Rev	R1



Station	Existing ground Level	Proposed Ground Level	Vertical Geometry	Horizontal Geometry	Superelevation	TCS Applicable
0+000	1478.685	1478.845	K:15.311 20.00	L=23.36	+2.50%	
0+010	1478.447	1478.583				
0+020	1478.101	1478.261	-3.81% 89.29	R=100 L=22.29	+2.50%	
0+030	1477.768	1477.886				
0+040	1477.288	1477.505	R=120 L=26.28	L=42.90	+2.50%	
0+050	1476.851	1477.125				
0+060	1476.439	1476.744	K:15.664 47.31	R=50 L=30.63	+2.50%	
0+070	1476.041	1476.363				
0+080	1475.679	1475.983	-5.8% 12.80	L=20.88	+2.50%	
0+090	1475.307	1475.602				
0+100	1474.997	1475.222	K:10.239 100.00	R=110 L=47.66	+2.50%	
0+110	1474.646	1474.841				
0+120	1474.319	1474.446	2.94% 26.36	L=8.49	+2.50%	
0+130	1473.884	1473.991				
0+140	1473.359	1473.472	K:4.600 58.70	R=20 L=24.21	+2.50%	
0+150	1472.753	1472.889				
0+160	1472.060	1472.242	-3.82% 38.36	L=37.51	+2.50%	
0+170	1471.378	1471.559				
0+180	1470.718	1470.898	K:3.600 12.60	R=40 L=36.74	+2.50%	
0+190	1470.153	1470.328				
0+200	1469.726	1469.856	R=100 L=12.67	L=33.65	+2.50%	
0+210	1469.355	1469.482				
0+220	1469.012	1469.206	L=31.61	L=1.40	+2.50%	
0+230	1468.827	1469.027				
0+240	1468.769	1468.945	L=1.40	L=1.40	+2.50%	
0+250	1468.879	1468.962				
0+260	1468.959	1469.076	L=1.40	L=1.40	+2.50%	
0+270	1469.126	1469.288				
0+280	1469.386	1469.576	L=1.40	L=1.40	+2.50%	
0+290	1469.714	1469.870				
0+300	1470.001	1470.164	L=1.40	L=1.40	+2.50%	
0+310	1470.136	1470.344				
0+320	1470.175	1470.307	L=1.40	L=1.40	+2.50%	
0+330	1469.766	1470.053				
0+340	1469.308	1469.581	L=1.40	L=1.40	+2.50%	
0+350	1468.616	1468.892				
0+360	1467.778	1467.988	L=1.40	L=1.40	+2.50%	
0+370	1466.821	1467.006				
0+380	1465.837	1466.024	L=1.40	L=1.40	+2.50%	
0+390	1464.842	1465.042				
0+400	1463.848	1464.046	L=1.40	L=1.40	+2.50%	
0+410	1462.627	1462.837				
0+412.76	1462.210	1462.470				

- Legend
- Existing carriageway edge
 - Proposed C/L
 - Existing ground level (EGL)
 - Finished Road level (FRL)

DRAWINGS ARE FOR TENDER PURPOSES ONLY

Designed : IPEG	Client : SHILLONG SMART CITY LIMITED	Submitted By : IPE GLOBAL	Project : DEVELOPMENT OF SMART ROAD IN SHILLONG	Drg No : SHPP-01
Checked : [Signature]	Client : SHILLONG SMART CITY LIMITED	Expanding Horizons. Enriching Lives.	Drg Title : (RD-01) Plan and Longitudinal Profile (From STA : 0+000 to STA : 0+412.76)	Scale : 1:1000 HCR 1:100 VER
Approved : [Signature]	Client : SHILLONG SMART CITY LIMITED			Date : 29.01.2020
Rev 14.01.2020 REVISD AS PER CLIENTS COMMENTS	DINFR 24.01.2020			Contract No. :
Rev dd/mm/yyyy Description	Rev by dd/mm/yyyy			Rev R1

PI STA :+0+028.13
NORTHING :2829225.43
EASTING :387779.98

R :40.000
L :21.788
Mo :1.474
Da :31.2091

PI STA :+0+077.33
NORTHING :2829275.17
EASTING :387781.44

R :100.000
L :13.809
Mo :0.238
Da :7.9122

PI STA :+0+144.61
NORTHING :2829342.08
EASTING :387774.12

R :30.000
L :56.142
Mo :12.202
Da :107.2225

PI STA :+0+381.05
NORTHING :2829524.71
EASTING :387738.03

R :60.000
L :8.054
Mo :0.135
Da :7.6912

PI STA :+0+405.09
NORTHING :2829521.21
EASTING :387738.70

R :8.000
L :5.751
Mo :0.511
Da :41.1912

PI STA :+0+392.64
NORTHING :2829531.79
EASTING :387747.21

R :60.000
L :7.793
Mo :0.126
Da :7.4413

PI STA :+0+288.46
NORTHING :2829404.85
EASTING :387729.89

R :100.000
L :33.348
Mo :1.387
Da :19.1072

BOP STA : 0+000.00
NORTHING :2829200.9611
EASTING :387793.8448

EOP STA : 0+408.26
NORTHING :2829524.1214
EASTING :387786.9973

PI STA :+0+322.82
NORTHING :2829439.52
EASTING :387730.36

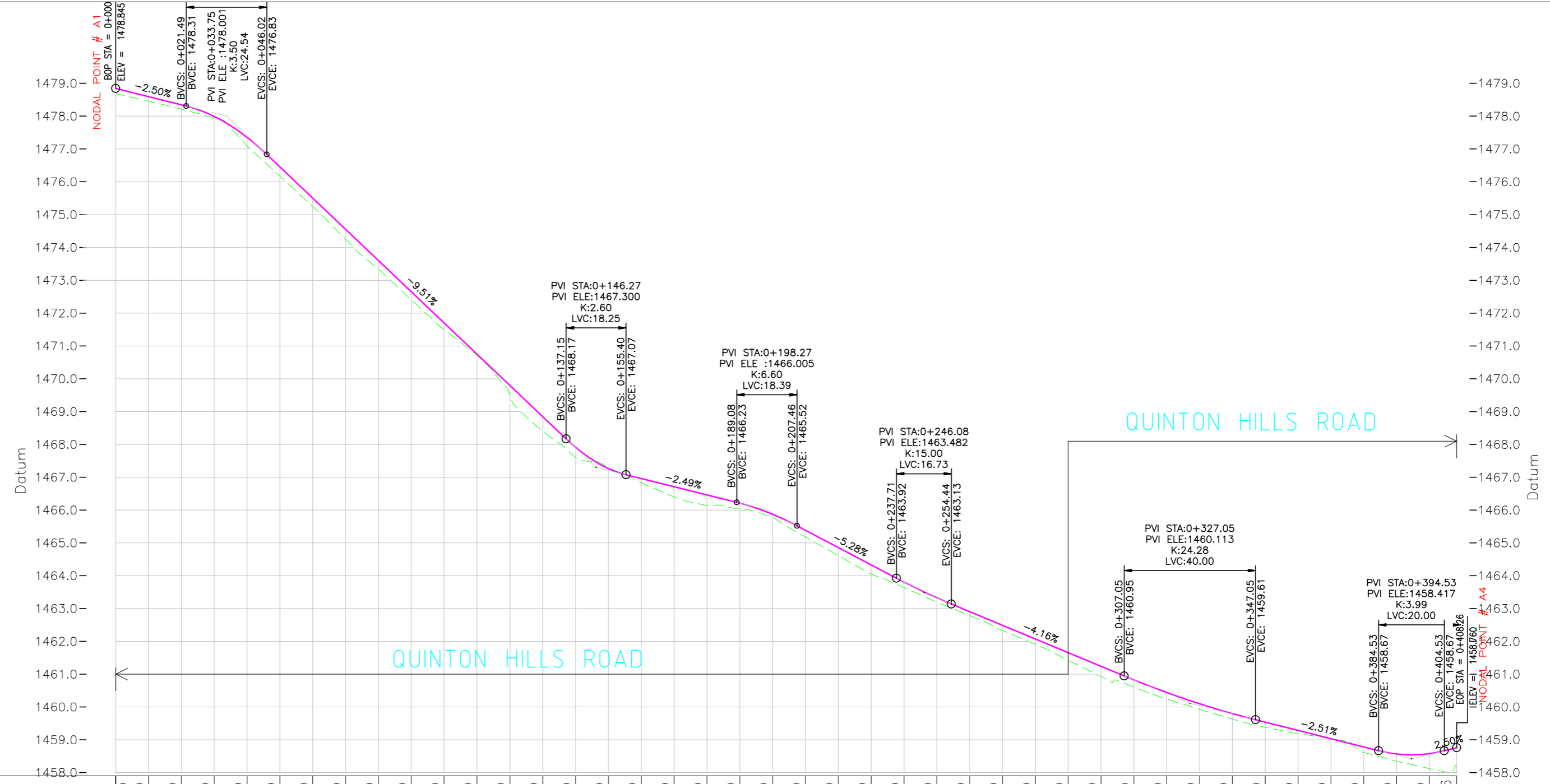
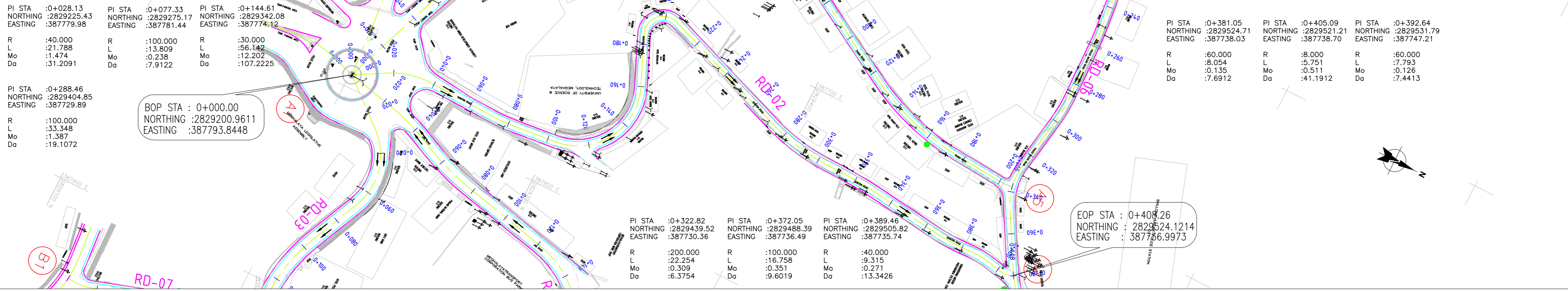
R :200.000
L :22.254
Mo :0.309
Da :6.3754

PI STA :+0+372.05
NORTHING :2829488.39
EASTING :387736.49

R :100.000
L :16.758
Mo :0.351
Da :9.6019

PI STA :+0+389.46
NORTHING :2829505.82
EASTING :387735.74

R :40.000
L :9.315
Mo :0.271
Da :13.3426



Station	Existing ground Level	Proposed Ground Level	Vertical Geometry	Horizontal Geometry	Superelevation	TCS Applicable
0+000	1478.685	1478.845	-2.50% K:3.500 24.54	L=16.96 R=40 L=21.79	+2.50% +2.50%	
0+010	1478.459	1478.595				
0+020	1478.212	1478.345	-9.51% K:3.500 24.54	L=31.67 R=100 L=13.81	+2.50% +2.50%	
0+030	1477.953	1477.991				
0+040	1477.096	1477.355	-2.49% K:2.600 18.25	R=30 L=56.14	+2.50% +2.50%	
0+050	1476.169	1476.456				
0+060	1475.244	1475.505	-5.28% K:6.600 16.73	L=24.96 R=9 L=20.94	+2.50% +2.50%	
0+070	1474.247	1474.554				
0+080	1473.335	1473.603	-4.16% K:15.000 16.73	L=65.69	+2.50% +2.50%	
0+090	1472.403	1472.652				
0+100	1471.494	1471.701	-2.51% K:24.282 40.00	R=100 L=33.35	+2.50% +2.50%	
0+110	1470.712	1470.750				
0+120	1469.491	1469.799	K:3.989 20.00	L=6.70 R=200 L=22.25	+2.50% +2.50%	
0+130	1468.401	1468.848				
0+140	1467.604	1467.912	K:3.989 20.00	L=29.71	+2.50% +2.50%	
0+150	1467.305	1467.264				
0+160	1466.836	1466.958	K:3.989 20.00	R=100 L=16.76	+2.50% +2.50%	
0+170	1466.394	1466.709				
0+180	1466.140	1466.460	K:3.989 20.00	L=4.37 R=8 L=5.75	+2.50% +2.50%	
0+190	1466.046	1466.210				
0+200	1465.778	1465.872	K:3.989 20.00	L=7.96 R=0.43	+2.50% +2.50%	
0+210	1465.182	1465.386				
0+220	1464.612	1464.859	K:3.989 20.00	L=7.96 R=0.43	+2.50% +2.50%	
0+230	1464.056	1464.331				
0+240	1463.638	1463.805	K:3.989 20.00	L=7.96 R=0.43	+2.50% +2.50%	
0+250	1463.199	1463.326				
0+260	1462.782	1462.903	K:3.989 20.00	L=7.96 R=0.43	+2.50% +2.50%	
0+270	1462.328	1462.487				
0+280	1461.912	1462.071	K:3.989 20.00	L=7.96 R=0.43	+2.50% +2.50%	
0+290	1461.417	1461.655				
0+300	1460.925	1461.239	K:3.989 20.00	L=7.96 R=0.43	+2.50% +2.50%	
0+310	1460.605	1460.824				
0+320	1460.244	1460.441	K:3.989 20.00	L=7.96 R=0.43	+2.50% +2.50%	
0+330	1459.928	1460.099				
0+340	1459.633	1459.798	K:3.989 20.00	L=7.96 R=0.43	+2.50% +2.50%	
0+350	1459.353	1459.536				
0+360	1459.186	1459.285	K:3.989 20.00	L=7.96 R=0.43	+2.50% +2.50%	
0+370	1459.026	1459.033				
0+380	1458.613	1458.782	K:3.989 20.00	L=7.96 R=0.43	+2.50% +2.50%	
0+390	1458.345	1458.568				
0+400	1458.124	1458.579	K:3.989 20.00	L=7.96 R=0.43	+2.50% +2.50%	
0+408.26	1458.159	1458.760				

Legend

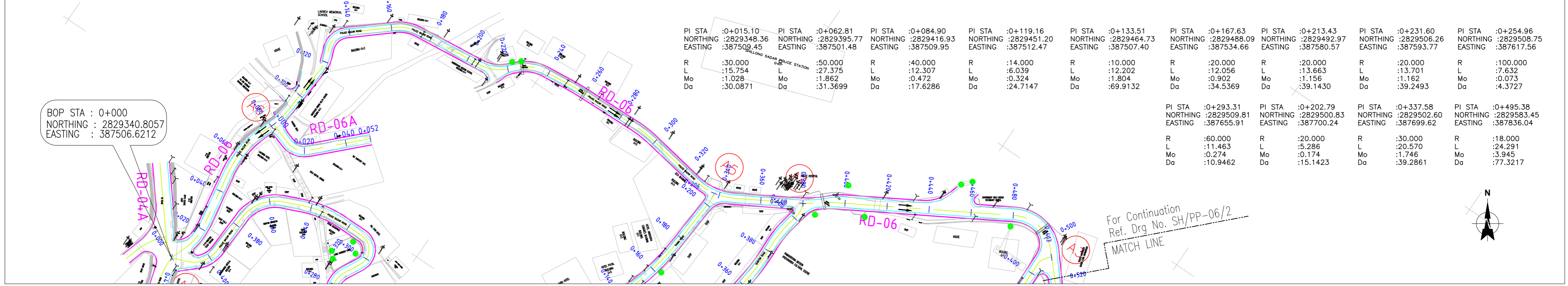
- Existing carriageway edge
- Proposed C/L
- Existing ground level (EGL)
- Finished Road level (FRL)

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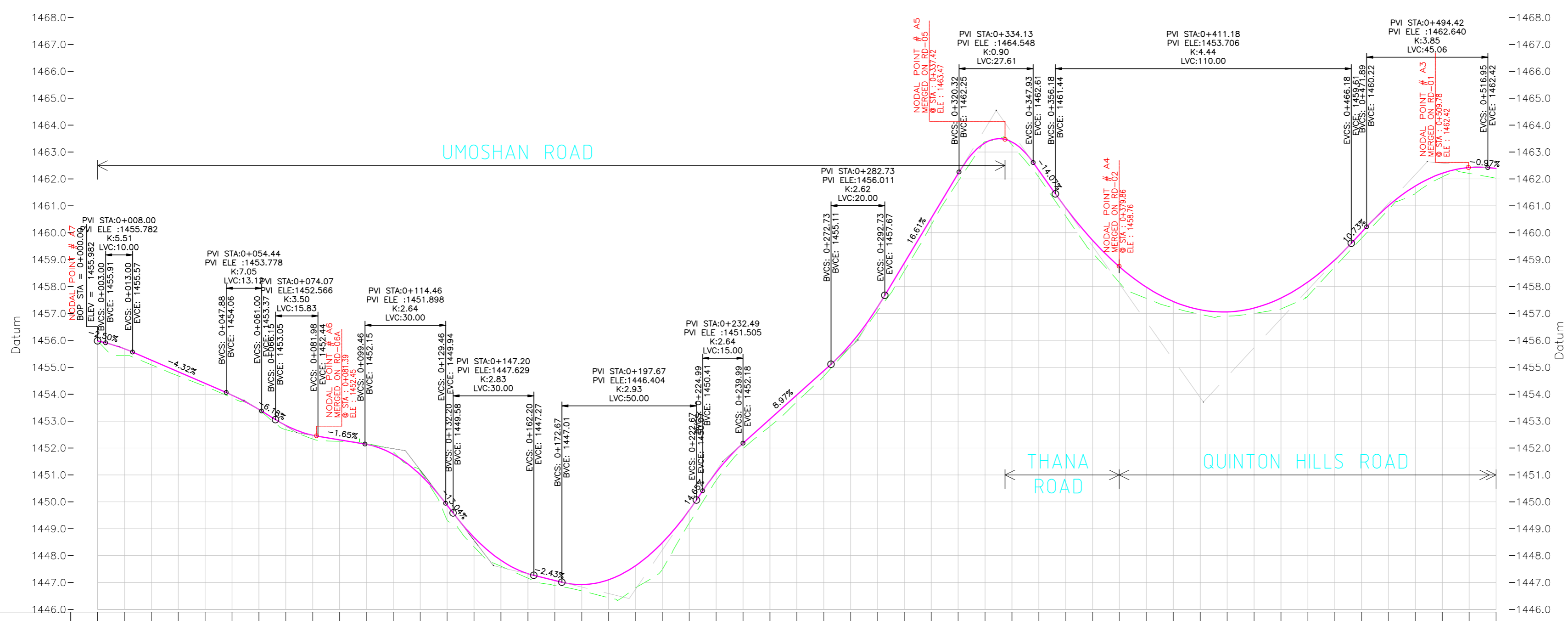
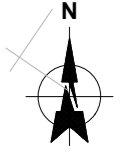
R1 14.01.2020 REVISD AS PER CLIENTS COMMENTS Description Rev dd/mm/yyyy	DNFRA 24.01.2020 Rev by dd/mm/yyyy	Designed : IPEG Checked : Approved :	Client SHILLONG SMART CITY LIMITED	Submitted By IPE GLOBAL Expanding Horizons. Enriching Lives.	Project: DEVELOPMENT OF SMART ROAD IN SHILLONG Drg Title: (RD-02) Plan and Longitudinal Profile (From STA : 0+000 to STA : 0+408.26)	Drg No : SH/PP-02 Scale : 1:1000 HOR 1:100 VER Date : 29.01.2020 Contract No. : Rev R1
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BOP STA : 0+000
 NORTHING : 2829340.8057
 EASTING : 387506.6212

PI STA :0+015.10 NORTHING :2829348.36 EASTING :387509.45	PI STA :0+062.81 NORTHING :2829395.77 EASTING :387501.48	PI STA :0+084.90 NORTHING :2829416.93 EASTING :387509.95	PI STA :0+119.16 NORTHING :2829451.20 EASTING :387512.47	PI STA :0+133.51 NORTHING :2829464.73 EASTING :387507.40	PI STA :0+167.63 NORTHING :2829488.09 EASTING :387534.66	PI STA :0+213.43 NORTHING :2829492.97 EASTING :387580.57	PI STA :0+231.60 NORTHING :2829506.26 EASTING :387593.77	PI STA :0+254.96 NORTHING :2829508.75 EASTING :387617.56
R :30.000 L :15.754 Mo :1.029 Da :30.0871	R :50.000 L :27.375 Mo :1.862 Da :31.3699	R :40.000 L :12.307 Mo :0.472 Da :17.6286	R :14.000 L :6.039 Mo :0.324 Da :24.7147	R :10.000 L :12.202 Mo :1.804 Da :69.9132	R :20.000 L :12.056 Mo :0.902 Da :34.5369	R :20.000 L :13.663 Mo :1.156 Da :39.1430	R :20.000 L :13.701 Mo :1.162 Da :39.2493	R :100.000 L :7.632 Mo :0.073 Da :4.3727



For Continuation
 Ref. Drg No. SH/PP-06/2
 MATCH LINE



Station	Existing ground Level	Proposed Ground Level	Vertical Geometry	Horizontal Geometry	TCS Applicable
0+000	1455.982	1455.982	K:5.51 LVC:10.00	L=7.04 R=30	
0+010	1455.431	1455.688	K:5.51 LVC:10.00	L=15.75	
0+020	1455.093	1455.265	K:5.51 LVC:10.00	L=25.98	
0+030	1454.678	1454.833	K:7.05 LVC:10.00	R=50 L=27.38	
0+040	1454.288	1454.402	K:3.50 LVC:15.83	L=2.55 R=40	
0+050	1453.863	1453.967	K:2.84 LVC:30.00	L=12.06	
0+060	1453.414	1453.434	K:2.84 LVC:30.00	L=12.20	
0+070	1452.683	1452.839	K:2.84 LVC:30.00	L=12.20	
0+080	1452.336	1452.474	K:2.84 LVC:30.00	L=22.69	
0+090	1452.246	1452.303	K:2.84 LVC:30.00	R=20	
0+100	1452.170	1452.137	K:2.84 LVC:30.00	L=12.06	
0+110	1451.857	1451.761	K:2.84 LVC:30.00	L=12.06	
0+120	1451.142	1451.006	K:2.84 LVC:30.00	L=12.06	
0+130	1449.313	1449.872	K:2.84 LVC:30.00	L=12.06	
0+140	1448.324	1448.876	K:2.84 LVC:30.00	L=12.06	
0+150	1447.606	1447.824	K:2.84 LVC:30.00	L=12.06	
0+160	1447.164	1447.327	K:2.84 LVC:30.00	L=12.06	
0+170	1446.889	1447.076	K:2.84 LVC:30.00	L=12.06	
0+180	1446.691	1446.925	K:2.84 LVC:30.00	L=12.06	
0+190	1446.436	1447.103	K:2.84 LVC:30.00	L=12.06	
0+200	1446.805	1447.622	K:2.84 LVC:30.00	L=12.06	
0+210	1447.487	1448.484	K:2.84 LVC:30.00	L=12.06	
0+220	1449.210	1449.687	K:2.84 LVC:30.00	L=12.06	
0+230	1450.791	1451.092	K:2.84 LVC:30.00	L=12.06	
0+240	1451.977	1452.178	K:2.84 LVC:30.00	L=12.06	
0+250	1452.804	1453.075	K:2.84 LVC:30.00	L=12.06	
0+260	1453.717	1453.972	K:2.84 LVC:30.00	L=12.06	
0+270	1454.667	1454.869	K:2.84 LVC:30.00	L=12.06	
0+280	1455.769	1455.867	K:2.84 LVC:30.00	L=12.06	
0+290	1457.084	1457.233	K:2.84 LVC:30.00	L=12.06	
0+300	1458.584	1458.880	K:2.84 LVC:30.00	L=12.06	
0+310	1460.296	1460.540	K:2.84 LVC:30.00	L=12.06	
0+320	1461.911	1462.201	K:2.84 LVC:30.00	L=12.06	
0+330	1463.384	1463.342	K:2.84 LVC:30.00	L=12.06	
0+340	1463.270	1463.372	K:2.84 LVC:30.00	L=12.06	
0+350	1462.056	1462.315	K:2.84 LVC:30.00	L=12.06	
0+360	1460.616	1460.924	K:2.84 LVC:30.00	L=12.06	
0+370	1459.242	1459.716	K:2.84 LVC:30.00	L=12.06	
0+380	1458.142	1458.733	K:2.84 LVC:30.00	L=12.06	
0+390	1457.559	1457.976	K:2.84 LVC:30.00	L=12.06	
0+400	1457.212	1457.444	K:2.84 LVC:30.00	L=12.06	
0+410	1456.969	1457.138	K:2.84 LVC:30.00	L=12.06	
0+420	1456.900	1457.057	K:2.84 LVC:30.00	L=12.06	
0+430	1457.002	1457.202	K:2.84 LVC:30.00	L=12.06	
0+440	1457.166	1457.572	K:2.84 LVC:30.00	L=12.06	
0+450	1457.650	1458.167	K:2.84 LVC:30.00	L=12.06	
0+460	1458.730	1458.989	K:2.84 LVC:30.00	L=12.06	
0+470	1459.800	1460.019	K:2.84 LVC:30.00	L=12.06	
0+480	1460.866	1461.007	K:2.84 LVC:30.00	L=12.06	
0+490	1461.462	1461.739	K:2.84 LVC:30.00	L=12.06	
0+500	1462.077	1462.213	K:2.84 LVC:30.00	L=12.06	
0+510	1462.206	1462.426	K:2.84 LVC:30.00	L=12.06	
0+520	1462.026	1462.392	K:2.84 LVC:30.00	L=12.06	

- Legend
- Existing carriageway edge
 - Proposed C/L
 - Existing ground level (EGL)
 - Finished Road level (FRL)

Note:3
 CLEANING OF STORM WATER DRAINS
 AND TRENCHES,PROVISION OF O/H CABLES

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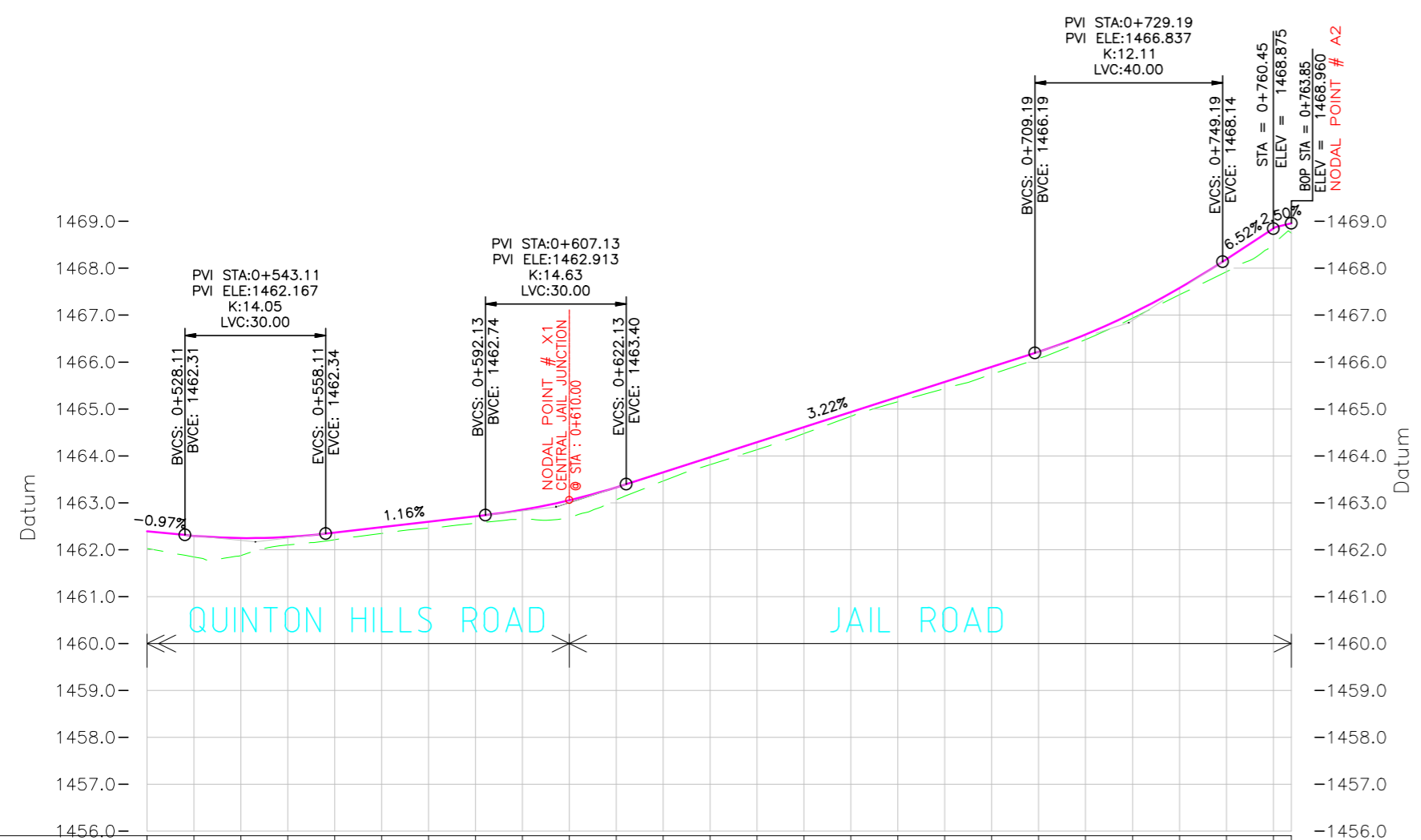
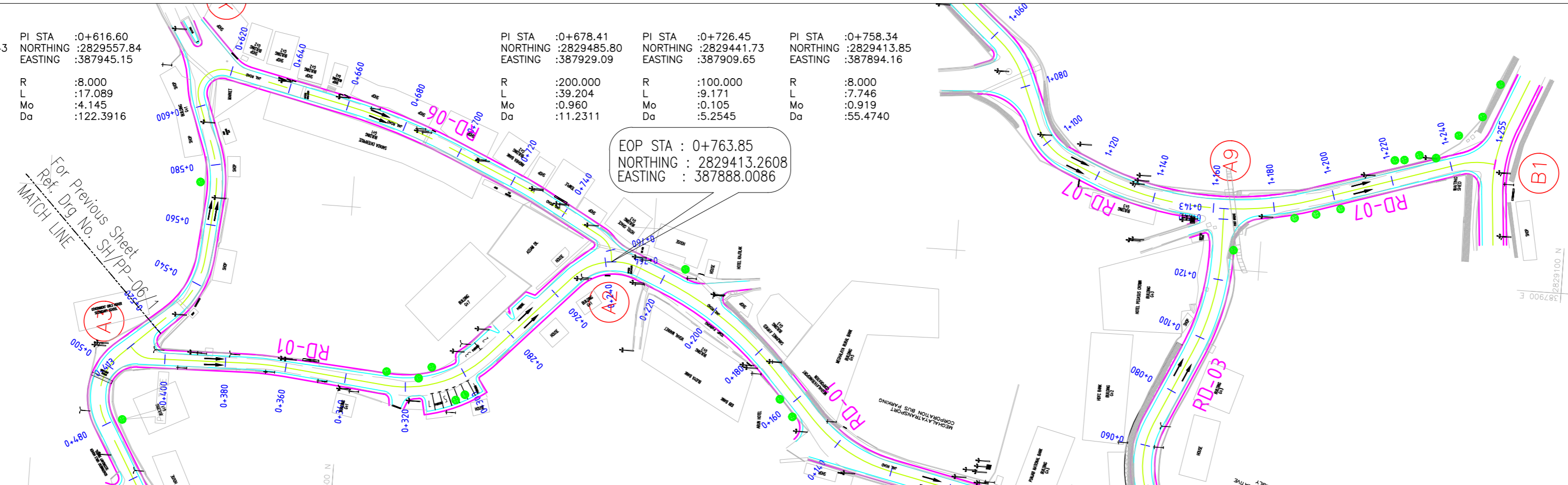
R1 14.01.2020 REVISED AS PER CLIENTS COMMENTS Rev dd/mm/yyyy Description	DINFRA 24.01.2020 Rev by dd/mm/yyyy	Designed : IPEG Checked : Approved :	Client SHILLONG SMART CITY LIMITED	Submitted By IPE GLOBAL Expanding Horizons. Enriching Lives.	Project: DEVELOPMENT OF SMART ROAD IN SHILLONG Drg Title: (RD-06 SHEET 01 OF 02) Plan and Longitudinal Profile (From STA : 0+000 to STA : 0+520.00)	Drg No : SH/PP-06/1 Scale : 1:1000 H/R 1:100 V/R Date : 29.01.2020 Contract No. Rev R1
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PI STA	:0+539.09	PI STA	:0+577.35	PI STA	:0+616.60
NORTHING	:2829548.10	NORTHING	:2829544.43	NORTHING	:2829557.84
EASTING	:387868.84	EASTING	:387907.95	EASTING	:387945.15
R	:30.000	R	:40.000	R	:8.000
L	:21.878	L	:17.580	L	:17.089
Mo	:1.972	Mo	:0.962	Mo	:4.145
Da	:41.7840	Da	:25.1813	Da	:122.3916

PI STA	:0+678.41	PI STA	:0+726.45	PI STA	:0+758.34
NORTHING	:2829485.80	NORTHING	:2829441.73	NORTHING	:2829413.85
EASTING	:387929.09	EASTING	:387909.65	EASTING	:387894.16
R	:200.000	R	:100.000	R	:8.000
L	:39.204	L	:9.171	L	:7.746
Mo	:0.960	Mo	:0.105	Mo	:0.919
Da	:11.2311	Da	:5.2545	Da	:55.4740

EOP STA : 0+763.85
 NORTHING : 2829413.2608
 EASTING : 387888.0086

For Previous Sheet
 Ref. Drg No. SH/PP-06/1



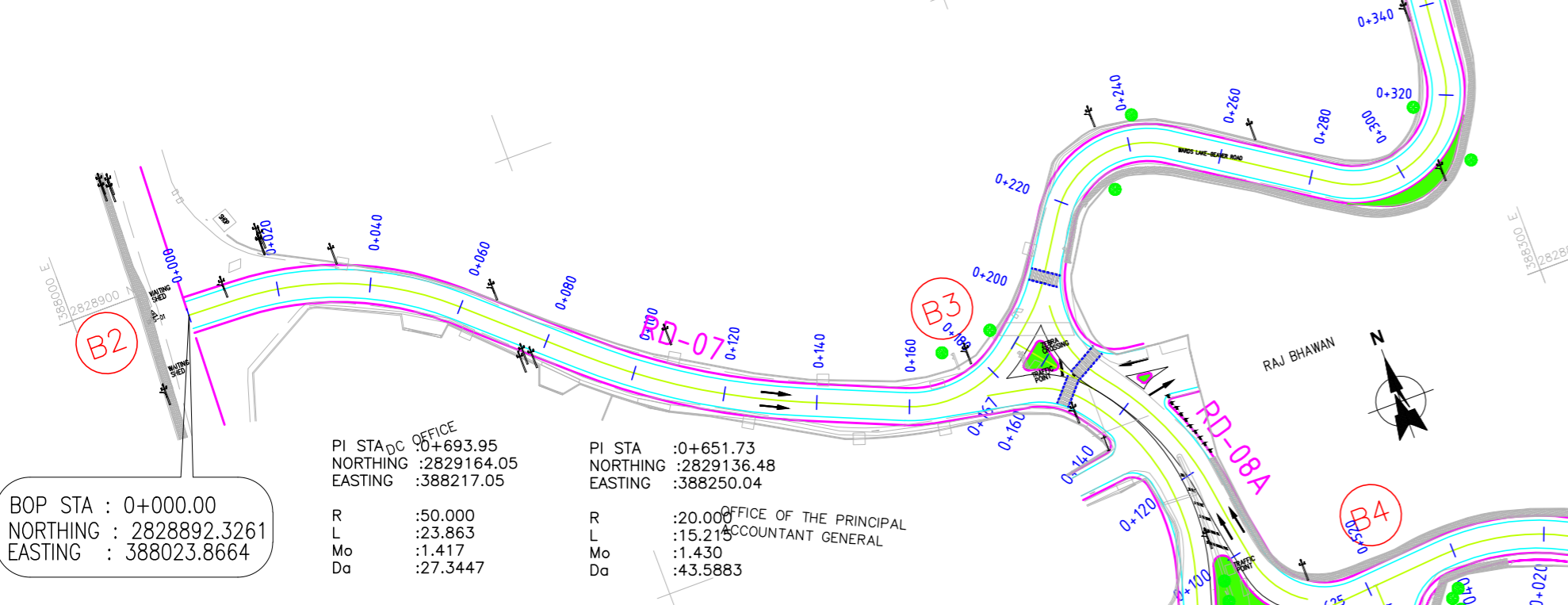
Station	Existing ground Level	Proposed Ground Level	Vertical Geometry	Horizontal Geometry	TCS Applicable
0+520	1462.076	1462.392	K:14.053 30.00	L=22.36 R=30 L=21.88	TYPE-3A & TYPE-3B
0+530	1461.845	1462.296			
0+540	1461.873	1462.248	1.16% 34.03	L=18.90	
0+550	1462.101	1462.271			
0+560	1462.213	1462.364	K:14.627 30.00	L=16.06	
0+570	1462.347	1462.480			
0+580	1462.459	1462.597	3.22% 87.06	R=8 L=17.09	
0+590	1462.562	1462.713			
0+600	1462.646	1462.851	K:12.107 40.00	L=39.60	
0+610	1462.677	1463.055			
0+620	1463.060	1463.328	6.57% 17.60	R=200 L=39.20	
0+630	1463.463	1463.648			
0+640	1463.812	1463.970	L=23.92		
0+650	1464.132	1464.291			
0+660	1464.475	1464.613	R=100 L=9.17	L=23.09	
0+670	1464.844	1464.934			
0+680	1465.155	1465.256	L=7.75		
0+690	1465.434	1465.577			
0+700	1465.741	1465.899			
0+710	1466.077	1466.220			
0+720	1466.481	1466.590			
0+730	1466.934	1467.042			
0+740	1467.434	1467.577			
0+750	1467.925	1468.194			
0+760	1468.520	1468.846			
0+763.85	1468.744	1468.960			

- Legend
- Existing carriageway edge
 - Proposed C/L
 - Existing ground level (EGL)
 - Finished Road level (FRL)

DRAWINGS ARE FOR TENDER PURPOSES ONLY

R1 14.01.2020 REVISD AS PER CLIENTS COMMENTS Rev dd/mm/yyyy	Description D/NFRA 24.01.2020 Rev by dd/mm/yyyy	Designed : IPEG Checked : Approved :	Client SHILLONG SMART CITY LIMITED	Submitted By Expanding Horizons. Enriching Lives.	Project: DEVELOPMENT OF SMART ROAD IN SHILLONG Drg Title: (RD-06 SHEET 02 OF 02) Plan and Longitudinal Profile (From STA : 0+520 to STA : 0+763.85)	Drg No : SH/PP-06/2 Scale : 1:1000 HGR 1:100 VGR Date : 29.01.2020 Contract No. : Rev R1
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PI STA :0+036.20	PI STA :0+112.60	PI STA :0+197.79	PI STA :0+237.23	PI STA :0+317.87	PI STA :0+404.58
NORTHING :282890.85	NORTHING :2828838.46	NORTHING :2828830.98	NORTHING :2828864.23	NORTHING :2828815.16	NORTHING :2828926.33
EASTING :388060.04	EASTING :388118.39	EASTING :388196.14	EASTING :388217.54	EASTING :388292.27	EASTING :388303.34
R :70.000	R :150.000	R :40.000	R :20.000	R :35.000	R :35.000
L :48.366	L :49.490	L :12.588	L :31.598	L :41.052	L :29.504
Mo :4.136	Mo :2.036	Mo :0.494	Mo :5.922	Mo :9.640	Mo :3.063
Da :39.5879	Da :18.9039	Da :18.0309	Da :90.5218	Da :117.6040	Da :48.2990



BOP STA : 0+000.00
NORTHING : 2828892.3261
EASTING : 388023.8664

PI STA : 0+693.95
NORTHING : 2829164.05
EASTING : 388217.05

R : 50.000
L : 23.863
Mo : 1.417
Da : 27.3447

PI STA : 0+651.73
NORTHING : 2829136.48
EASTING : 388250.04

R : 20.000
L : 15.215
Mo : 1.430
Da : 43.5883

OFFICE OF THE PRINCIPAL
ACCOUNTANT GENERAL

PI STA : 0+447.02
NORTHING : 2828952.39
EASTING : 388339.19

R : 30.000
L : 40.103
Mo : 6.455
Da : 76.5914

PI STA : 0+485.36
NORTHING : 2828994.50
EASTING : 388321.66

R : 200.000
L : 30.415
Mo : 0.578
Da : 8.7133

PI STA : 0+545.49
NORTHING : 2829052.93
EASTING : 388307.20

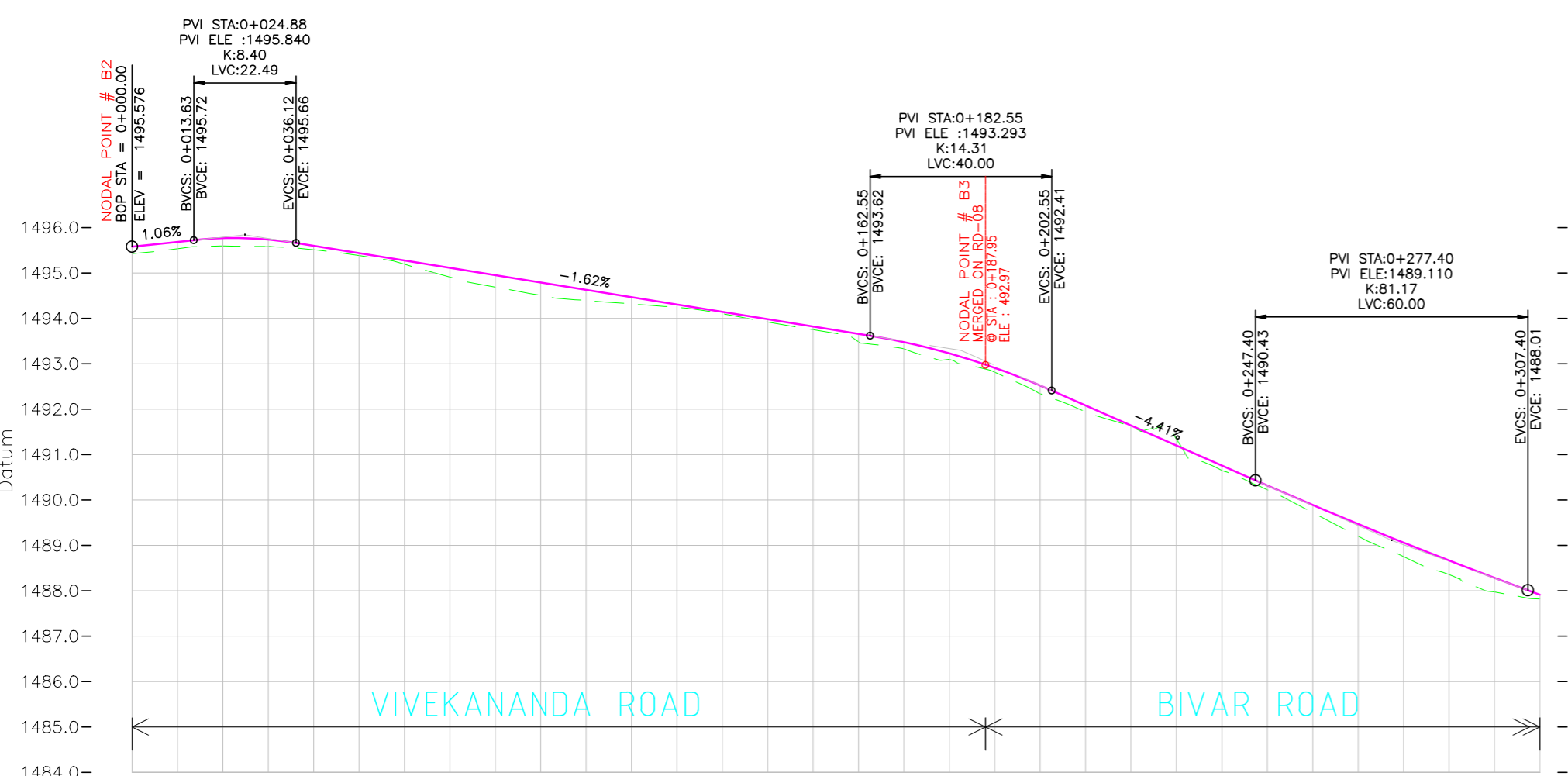
R : 30.000
L : 23.446
Mo : 2.261
Da : 44.7782

PI STA : 0+604.11
NORTHING : 2829084.06
EASTING : 388256.04

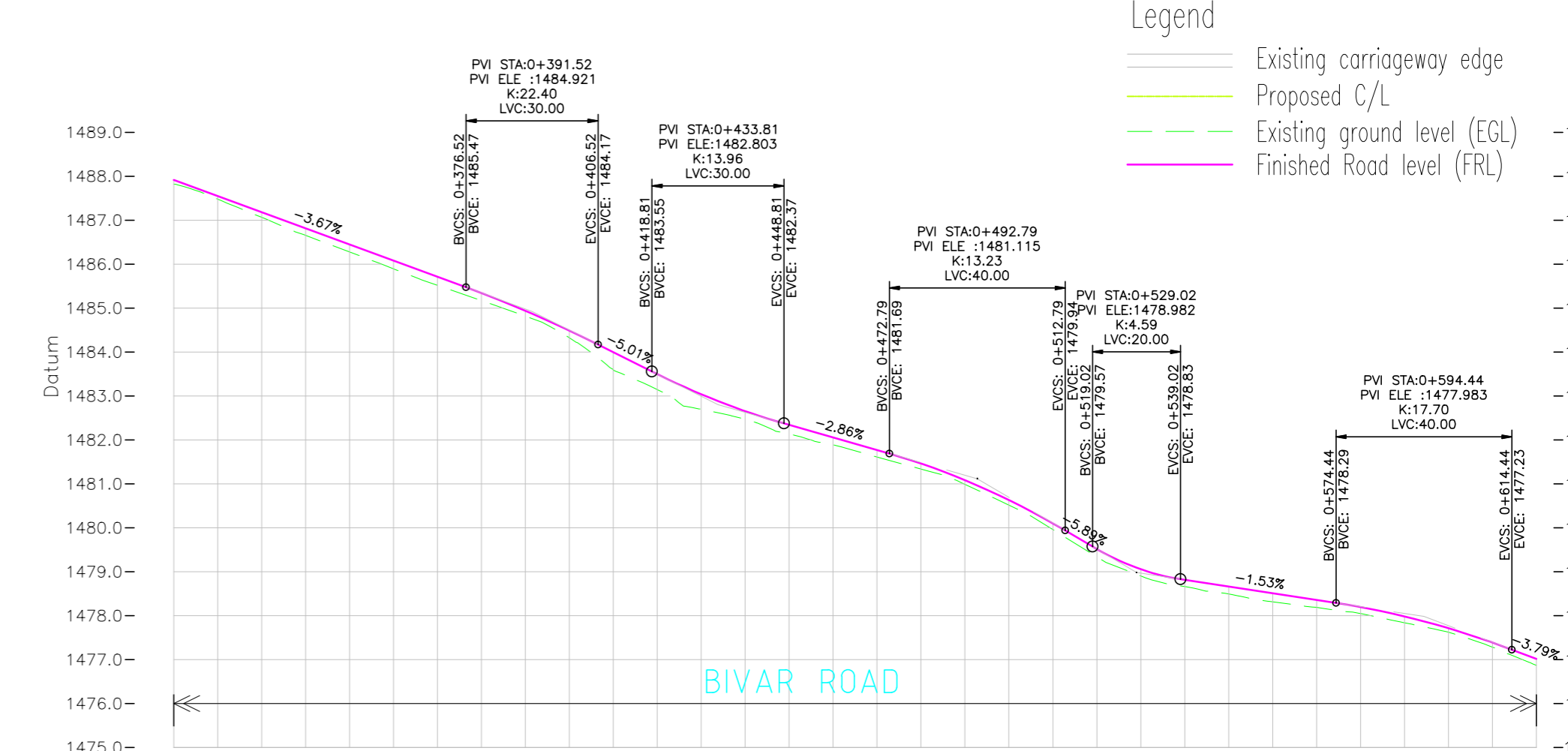
R : 75.000
L : 68.257
Mo : 7.632
Da : 52.1446

PI STA : 0+722.74
NORTHING : 2829191.03
EASTING : 388205.73

R : 15.000
L : 11.172
Mo : 1.028
Da : 42.6749



Station	0+000	0+010	0+020	0+030	0+040	0+050	0+060	0+070	0+080	0+090	0+100	0+110	0+120	0+130	0+140	0+150	0+160	0+170	0+180	0+190	0+200	0+210	0+220	0+230	0+240	0+250	0+260	0+270	0+280	0+290	0+300	0+310				
Existing ground Level	1495.425	1495.531	1495.595	1495.578	1495.510	1495.384	1495.192	1494.907	1494.688	1494.503	1494.392	1494.317	1494.241	1494.103	1493.916	1493.749	1493.482	1493.325	1493.095	1492.811	1492.338	1491.941	1491.609	1491.339	1490.649	1490.227	1489.887	1489.723	1489.201	1488.751	1488.357	1487.975	1487.819			
Proposed Ground Level	1495.576	1495.682	1495.764	1495.735	1495.596	1495.434	1495.273	1495.111	1494.950	1494.788	1494.627	1494.465	1494.303	1494.142	1493.980	1493.819	1493.657	1493.476	1493.228	1492.909	1492.521	1492.083	1491.642	1491.201	1490.760	1490.319	1489.887	1489.468	1489.061	1488.751	1488.666	1488.284	1487.914			
Vertical Geometry	1.06% K:8.400 22.49		-1.62% K:14.314 40.00		-4.41% K:81.171 60.00																															
Horizontal Geometry	L=11.01 R=70 L=48.37		L=28.26 R=150 L=49.49		L=22.03 R=25 L=27.15		L=5.15 R=40 L=12.59		L=13.01 R=20 L=31.60		L=36.20 R=20 L=41.05																									
Superelevation	+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%					
TCS Applicable			TYPE-1																																	



Station	0+310	0+320	0+330	0+340	0+350	0+360	0+370	0+380	0+390	0+400	0+410	0+420	0+430	0+440	0+450	0+460	0+470	0+480	0+490	0+500	0+510	0+520	0+530	0+540	0+550	0+560	0+570	0+580	0+590	0+600	0+610	0+620				
Existing ground Level	1487.819	1487.478	1487.068	1486.653	1486.275	1485.894	1485.518	1485.169	1484.817	1484.487	1484.323	1483.143	1482.696	1482.469	1482.137	1481.889	1481.611	1481.335	1481.083	1480.517	1479.959	1479.339	1478.904	1478.662	1478.494	1478.314	1478.186	1478.048	1477.838	1477.625	1477.285	1476.871				
Proposed Ground Level	1487.914	1487.547	1487.180	1486.812	1486.445	1486.078	1485.711	1485.342	1484.937	1484.487	1483.996	1483.495	1483.038	1482.653	1482.339	1482.053	1481.767	1481.461	1481.143	1480.629	1480.099	1479.515	1478.904	1478.662	1478.494	1478.314	1478.357	1478.186	1478.195	1477.983	1477.714	1477.388	1477.015			
Vertical Geometry	-3.67% K:22.399 30.00		-5.01% K:13.963 30.00		-2.86% K:13.225 40.00		-1.53% K:4.588 20.00		-3.79% K:17.698 40.00																											
Horizontal Geometry	R=20 L=41.05		L=62.99 R=35 L=29.50		L=4.94 R=30 L=40.10		L=6.69 R=200 L=30.42		L=32.59 R=30 L=23.45		L=10.84 R=75 L=68.26																									
Superelevation	+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%		+2.50% -2.50%					
TCS Applicable																																				

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Designed : IPEG	Client : SHILLONG SMART CITY LIMITED	Submitted By : IPE GLOBAL	Project : DEVELOPMENT OF SMART ROAD IN SHILLONG	Rev No : SH/PP-07/1
Checked : IPEG		Expanding Horizons. Enriching Lives.	Drg Title : (RD-07 SHEET 01 OF 02) Plan and Longitudinal Profile (From STA : 0+000 to STA : 0+620)	Scale : 1:1000 H/R 1:100 V/R
Approved : IPEG				Date : 29.01.2020
Rev da/mm/yyyy	Description	DIN/FRA 24.01.2020		Contract No. :