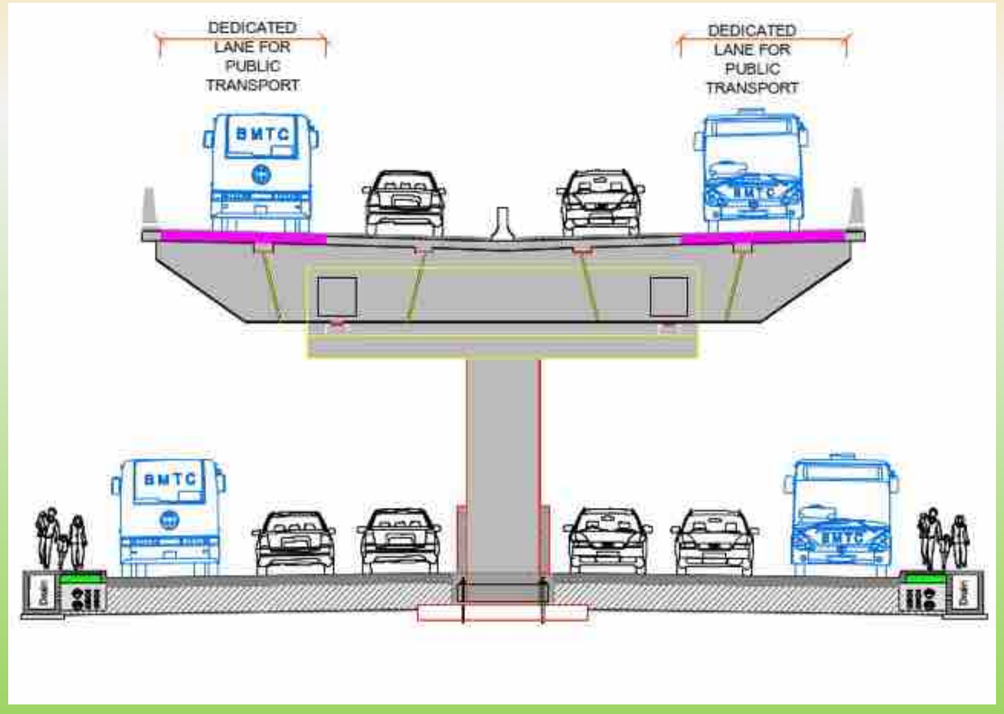
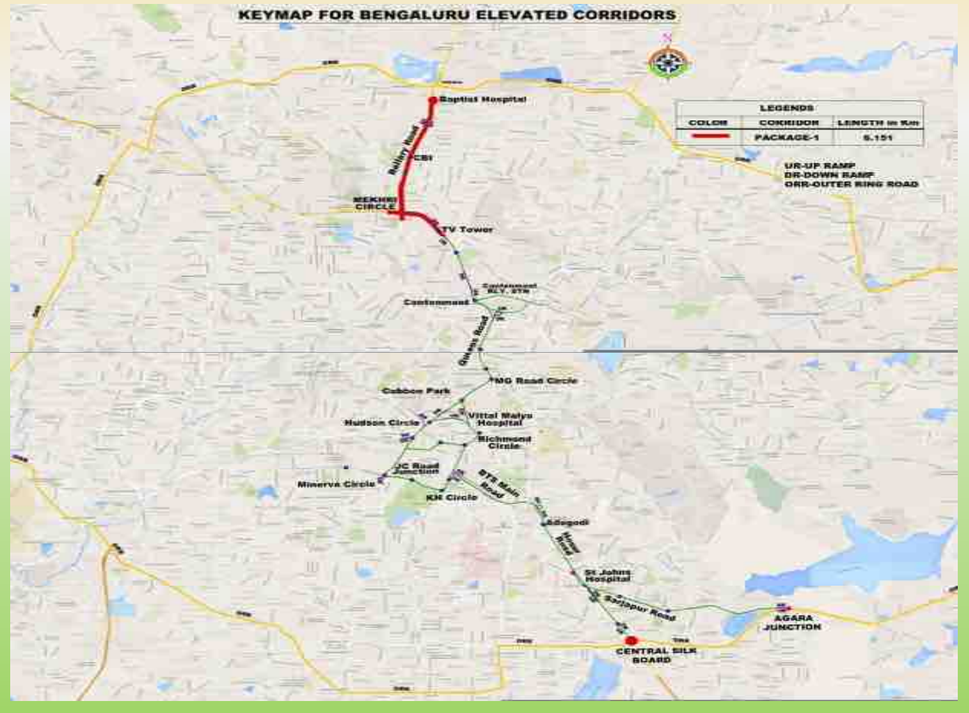
KARNATAKA ROAD DEVELOPMENT CORPORATION LIMITED

North South Corridor-Package-1 (NSP-1)

Construction of 4/6 lane Elevated North South Corridor from Baptist Hospital to JC Nagar on Jayamahal Road via Mekhri Circle in Bangalore Metropolitan region in the state of Karnataka on EPC Mode (Length of the Package – 7.22 Km)

DRAWINGS





March, 2019

INDEX

FOR ELEVATED CORRIDOR PHASE-1 PACKAGE-1

PLAN, ELEVATION & CROSS SECTION		
BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 1 OF 14)	PLAN, ELEVATION & CROSS SECTION	CH: 0+000 TO CH: 0+100
BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 2 OF 14)	PLAN, ELEVATION & CROSS SECTION	CH: 0+000 TO CH: 0+500
BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 3 OF 14)	PLAN, ELEVATION & CROSS SECTION	CH: 0+500 TO CH: 1+000
BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 4 OF 14)	PLAN, ELEVATION & CROSS SECTION	CH: 1+000 TO CH: 1+500
BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 5 OF 14)	PLAN, ELEVATION & CROSS SECTION	CH: 1+500 TO CH: 2+000
BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 6 OF 14)	PLAN, ELEVATION & CROSS SECTION	CH: 2+000 TO CH: 2+500
BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 7 OF 14)	PLAN, ELEVATION & CROSS SECTION	CH: 2+500 TO CH: 3+000
BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 8 OF 14)	PLAN, ELEVATION & CROSS SECTION	JUNCTION AT CH 2+900 MEKRI CIRCLE
BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 9 OF 14)	SECTION ELEVATION OF NSLR LOOP & NSLL LOOP	CH: 0+000 TO CH: 1+000 CH: 0+000 TO CH: 0+460
BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 10 OF 14)	PLAN, ELEVATION & CROSS SECTION	CH: 3+000 TO CH: 3+314
BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 11 OF 14)	PLAN, ELEVATION & CROSS SECTION	CH: 18+000 TO CH: 0+000
BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 12 OF 14)	PLAN, ELEVATION & CROSS SECTION	CH: 0+000 TO CH: 0+500
BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 13 OF 14)	PLAN, ELEVATION & CROSS SECTION	CH: 0+500 TO CH: 1+000
BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 14 OF 14)	PLAN, ELEVATION & CROSS SECTION	CH: 1+000 TO CH: 1+340

REV	DATE	DESCRIPTION

CLIENT/OWNER:

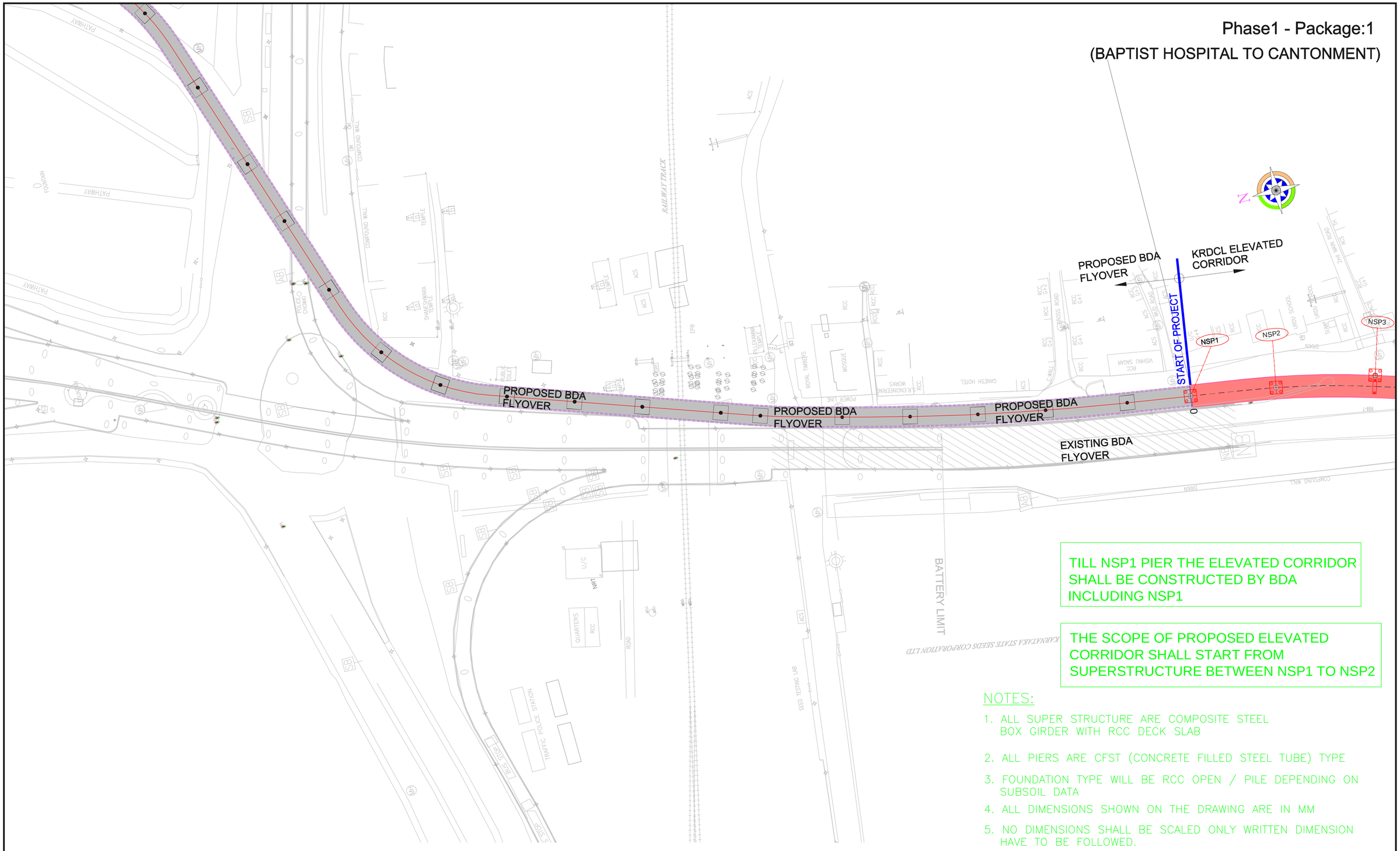
Karnataka Road Development Corporation Limited
(A Government of Karnataka Enterprise)

PROJECT:-
CONSTRUCTION OF 4/6 LANE ELEVATED NORTH SOUTH CORRIDOR FROM BAPTIST HOSPITAL TO JC NAGAR ON JAYAMAHAL ROAD VIA MEKHRI CIRCLE IN BANGALORE METROPOLITAN REGION IN THE STATE OF KARNATAKA ON EPC MODE

TITLE:-
LIST OF DWGS

DRG No.: BLR-ELV-STR-PHASE:1-PACKAGE:1			REV. R0
DATE: MARCH 2019		SCALE:	SIZE: A2
DRAWN	DESIGNED	CHECKED	APPROVED
MM	SAK	SR	SR

Phase1 - Package:1
(BAPTIST HOSPITAL TO CANTONMENT)



TILL NSP1 PIER THE ELEVATED CORRIDOR SHALL BE CONSTRUCTED BY BDA INCLUDING NSP1

THE SCOPE OF PROPOSED ELEVATED CORRIDOR SHALL START FROM SUPERSTRUCTURE BETWEEN NSP1 TO NSP2

NOTES:

1. ALL SUPER STRUCTURE ARE COMPOSITE STEEL BOX GIRDER WITH RCC DECK SLAB
2. ALL PIERS ARE CFST (CONCRETE FILLED STEEL TUBE) TYPE
3. FOUNDATION TYPE WILL BE RCC OPEN / PILE DEPENDING ON SUBSOIL DATA
4. ALL DIMENSIONS SHOWN ON THE DRAWING ARE IN MM
5. NO DIMENSIONS SHALL BE SCALED ONLY WRITTEN DIMENSION HAVE TO BE FOLLOWED.

REV	DATE	DESCRIPTION

CLIENT/OWNER:

Karnataka Road Development Corporation Limited
(A Government of Karnataka Enterprise)

PROJECT:-

THE CONSTRUCTION OF PROPOSED ELEVATED CORRIDORS WITH IN BENGALURU METROPOLITAN REGION, BENGALURU

TITLE:- GENERAL ARRANGEMENT DRAWING

PHASE:1 - PACKAGE:1
SECTION - 1
(FROM Km.0+000 TO Km.3+309)

DRG No.: BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 01 OF 14) | REV. R0

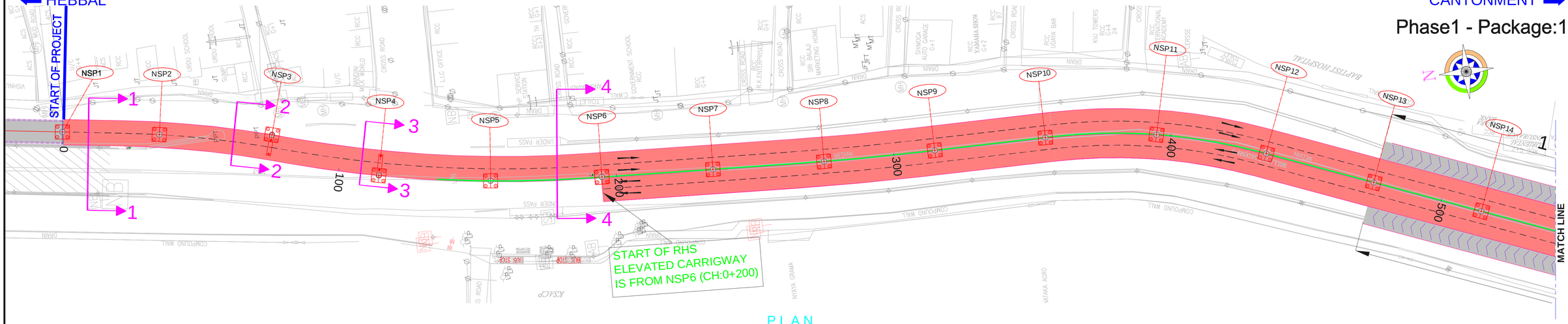
DATE: FEB' 2019 | SCALE: | SIZE: A3

DRAWN	DESIGNED	CHECKED	APPROVED
MM	SAK	SR	SR

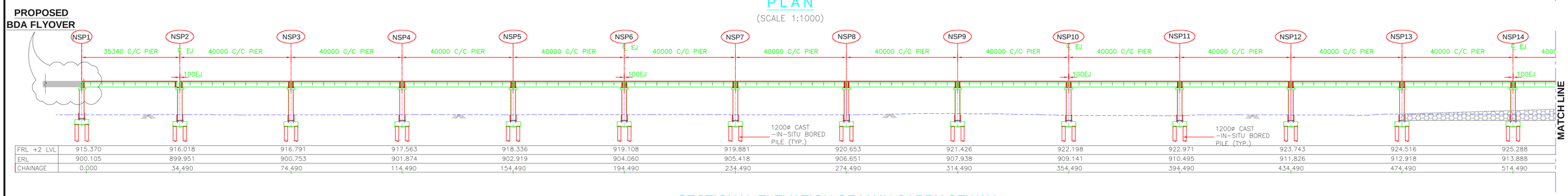
HEBBAL

CANTONMENT

Phase1 - Package:1



PLAN
(SCALE 1:1000)



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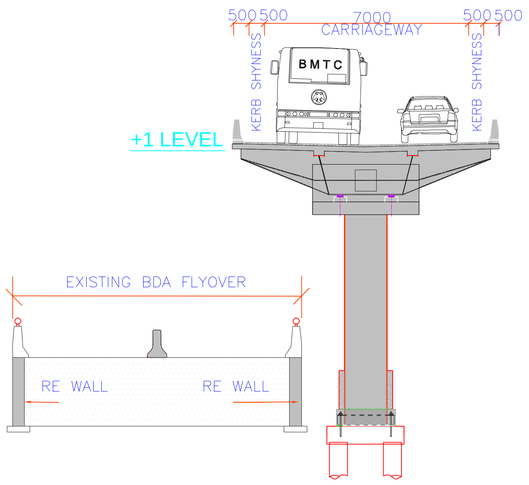
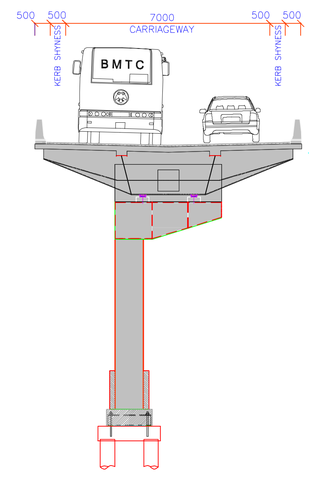
ERL	900.105	899.951	900.753	901.874	902.919	904.060	905.418	906.651	907.938	909.141	910.495	911.826	912.918	913.888
CHAINAGE	0.000	34.490	74.490	114.490	154.490	194.490	234.490	274.490	314.490	354.490	394.490	434.490	474.490	514.490

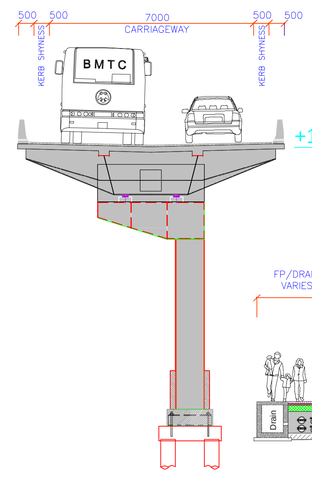
SECTIONAL ELEVATION OF MAIN CARRIAGEWAY
(SCALE 1:750)



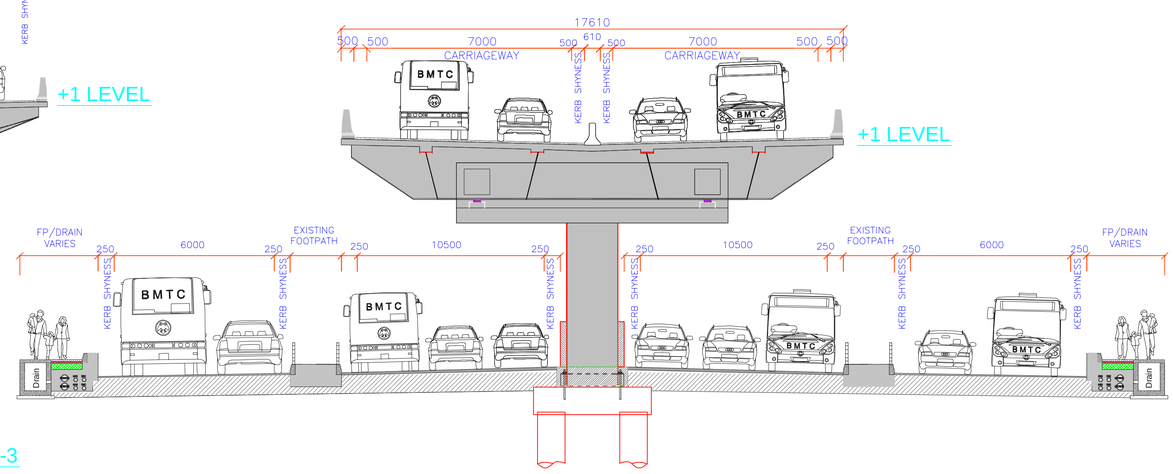
SECTION:1-1
FROM Km.0+000 TO 0+074



SECTION:2-2
FROM Km.0+074 TO 0+114



SECTION:3-3
FROM Km.0+114 TO 0+154



SECTION:4-4
FROM Km.0+154 TO 0+474

REV	DATE	DESCRIPTION

CLIENT/OWNER:
Karnataka Road Development Corporation Limited
(A Government of Karnataka Enterprise)

PROJECT:-
THE CONSTRUCTION OF PROPOSED ELEVATED CORRIDORS WITH IN BENGALURU METROPOLITAN REGION, BENGALURU

TITLE:- GENERAL ARRANGEMENT DRAWING

PHASE:1 - PACKAGE:1
SECTION - 1
(FROM Km.0+000 TO Km.3+309)

DRG No.: BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 02 OF 14) REV. R0

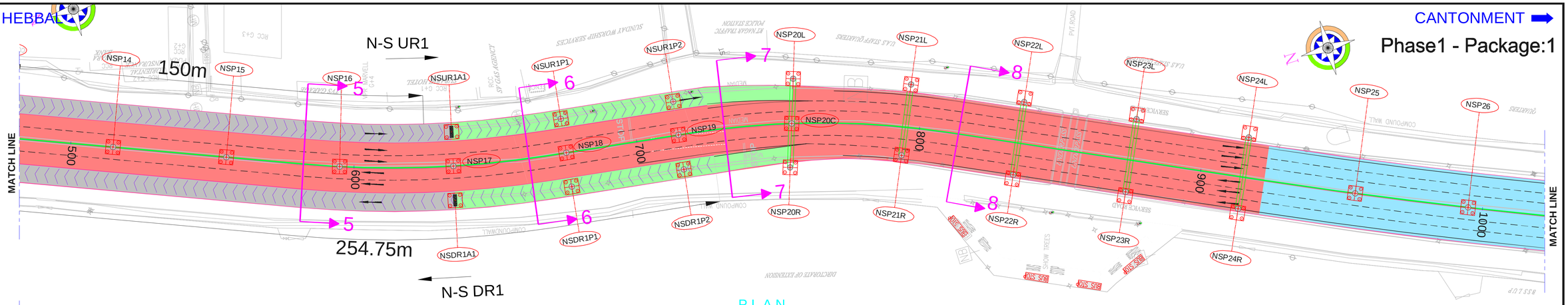
DATE: FEB' 2019 SCALE: SIZE: A3

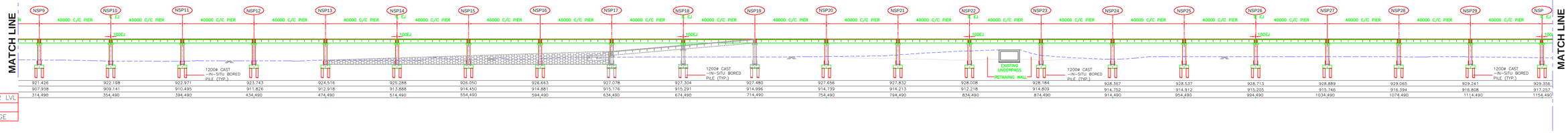
DRAWN	DESIGNED	CHECKED	APPROVED
MM	SAK	SR	SR

HEBBAL

CANTONMENT

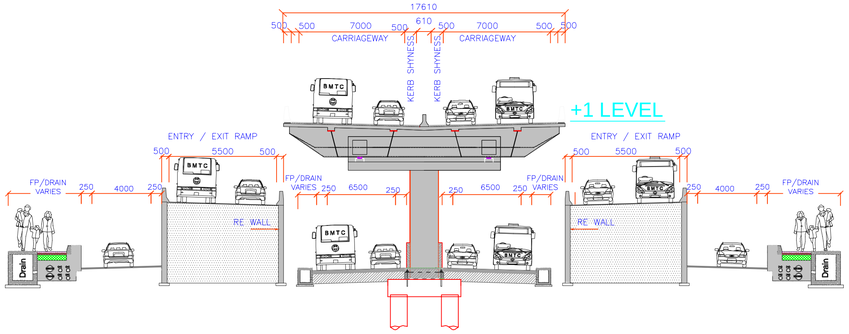
Phase1 - Package:1



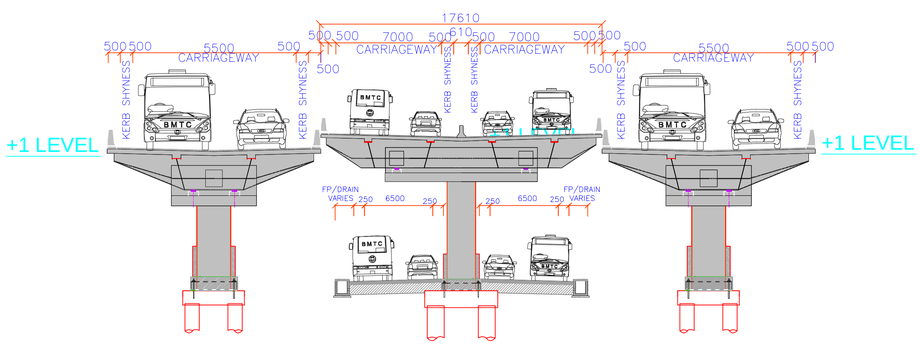


SECTIONAL ELEVATION OF MAIN CARRIAGEWAY

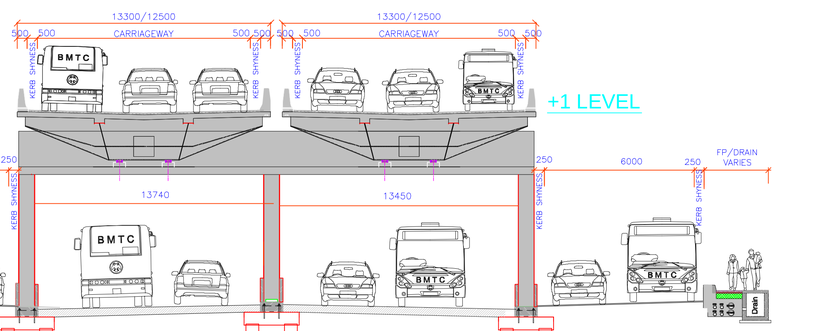
(SCALE 1:750)



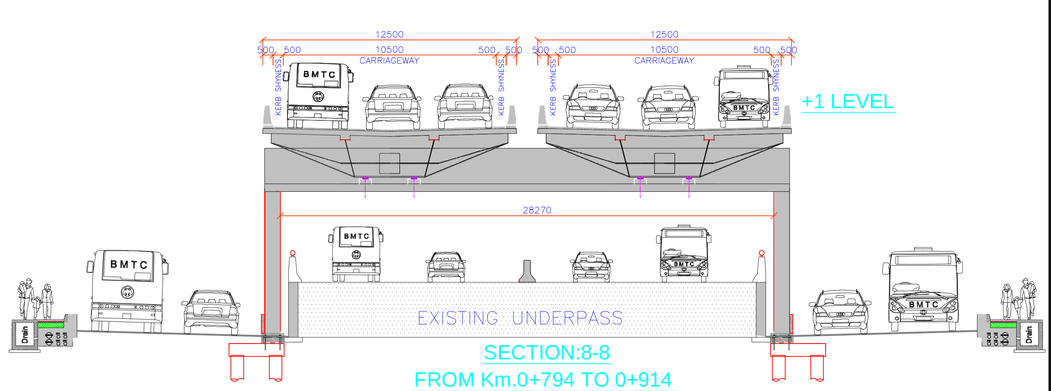
SECTION:5-5
FROM Km.0+474 TO 0+634



SECTION:6-6
FROM Km.0+634 TO 0+754



SECTION:7-7
FROM Km.0+754 TO 0+794



SECTION:8-8
FROM Km.0+794 TO 0+914

REV	DATE	DESCRIPTION

CLIENT/OWNER:

Karnataka Road Development Corporation Limited
(A Government of Karnataka Enterprise)

PROJECT:-

THE CONSTRUCTION OF PROPOSED ELEVATED CORRIDORS WITH IN BENGALURU METROPOLITAN REGION, BENGALURU

TITLE:- GENERAL ARRANGEMENT DRAWING

PHASE:1 - PACKAGE:1
SECTION - 1
(FROM Km.0+000 TO Km.3+309)

DRG No.: BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 03 OF 14) REV. R0

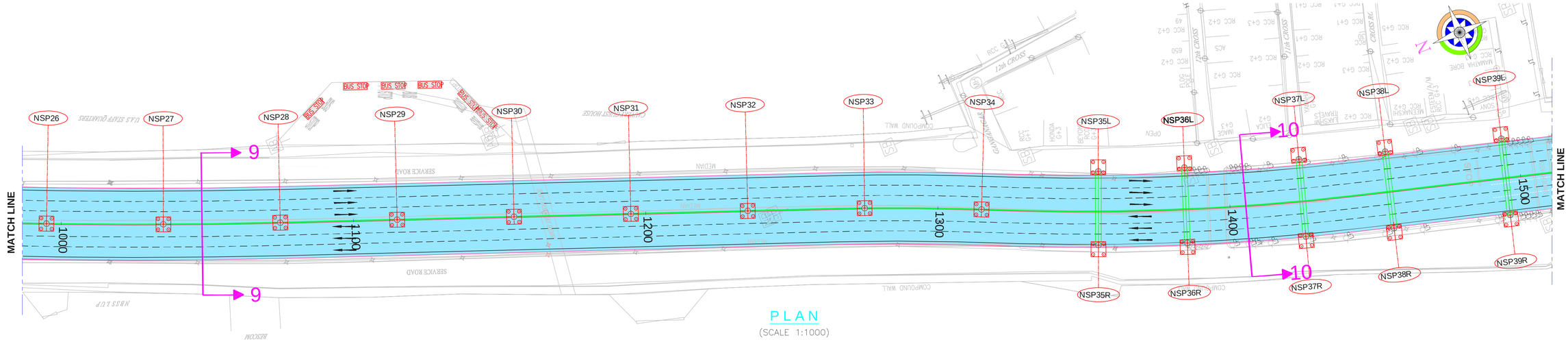
DATE: FEB' 2019 SCALE: SIZE: A3

DRAWN	DESIGNED	CHECKED	APPROVED
MM	SAK	SR	SR

HEBBAL

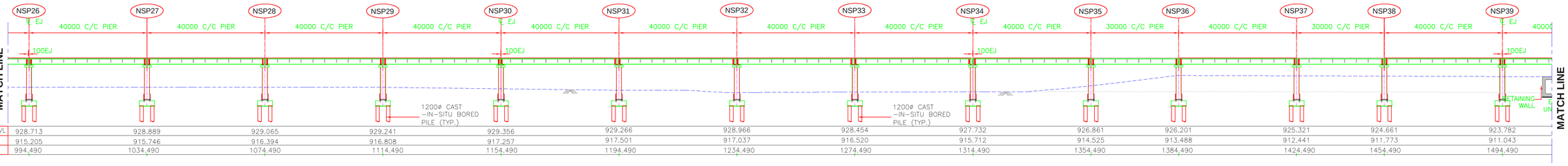
CANTONMENT

Phase1 - Package:1



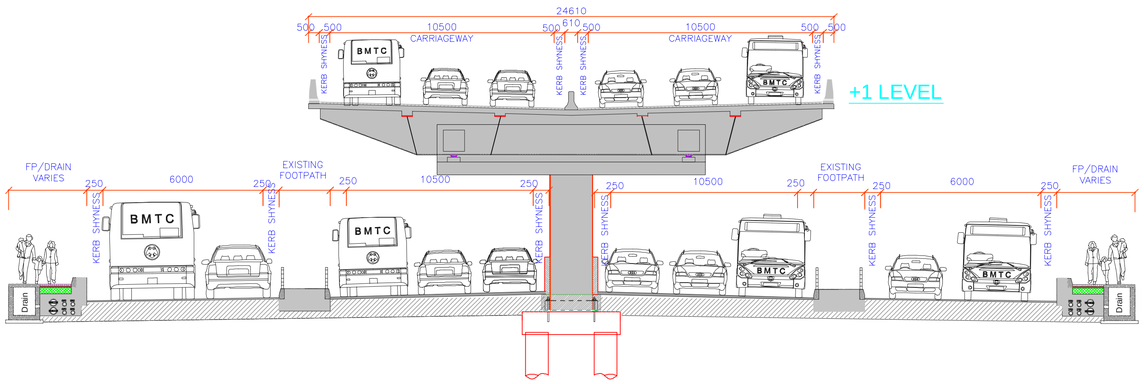
PLAN

(SCALE 1:1000)



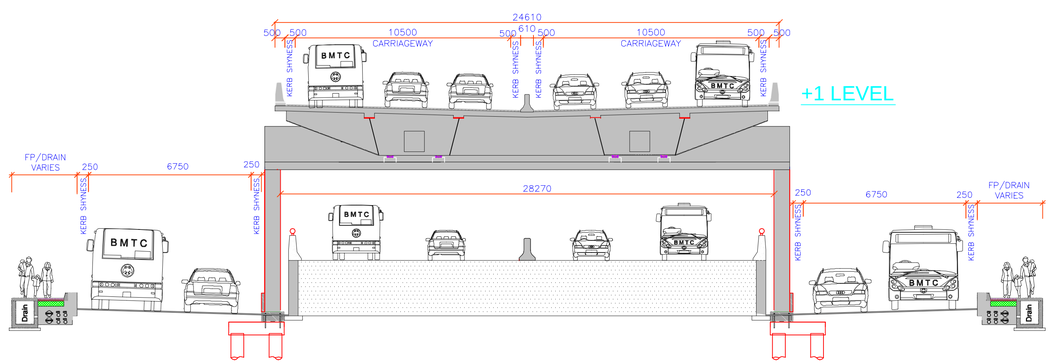
SECTIONAL ELEVATION OF MAIN CARRIAGEWAY

(SCALE 1:750)



SECTION:9-9

FROM Km.0+914 TO 1+354



SECTION:10-10

FROM Km.1+354 TO 1+614

REV	DATE	DESCRIPTION

CLIENT/OWNER:

Karnataka Road Development Corporation Limited

(A Government of Karnataka Enterprise)

PROJECT:-

THE CONSTRUCTION OF PROPOSED ELEVATED CORRIDORS WITH IN BENGALURU METROPOLITAN REGION, BENGALURU

TITLE:- GENERAL ARRANGEMENT DRAWING

PHASE:1 - PACKAGE:1
SECTION - 1
(FROM Km.0+000 TO Km.3+309)

DRG No.: BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 04 OF 14) REV. R0

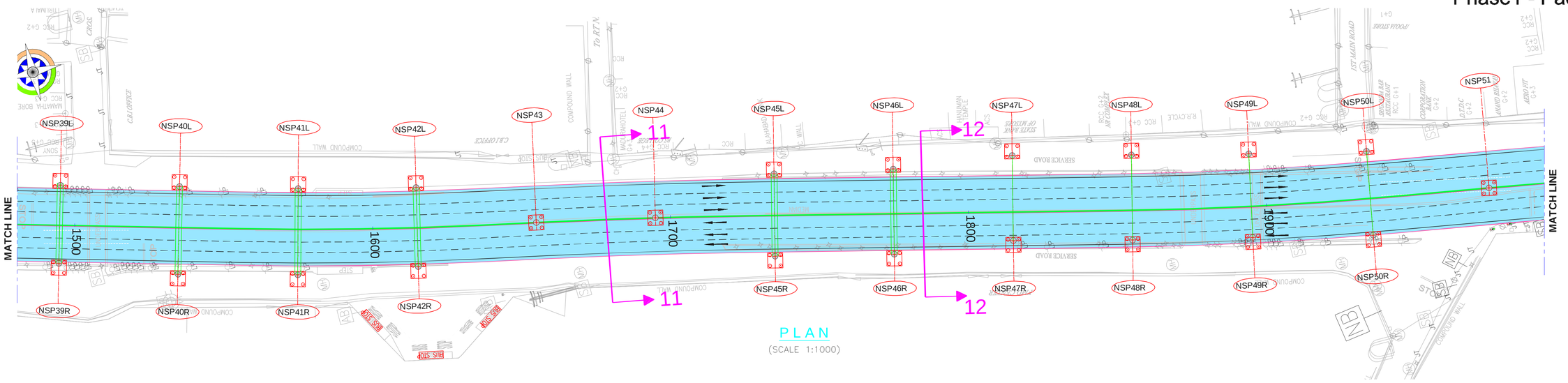
DATE: FEB' 2019 SCALE: SIZE: A3

DRAWN	DESIGNED	CHECKED	APPROVED
MM	SAK	SR	SR

HEBBAL

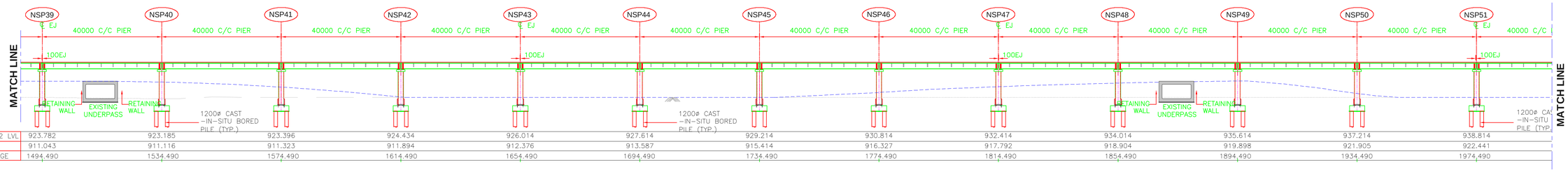
CANTONMENT

Phase1 - Package:1



PLAN

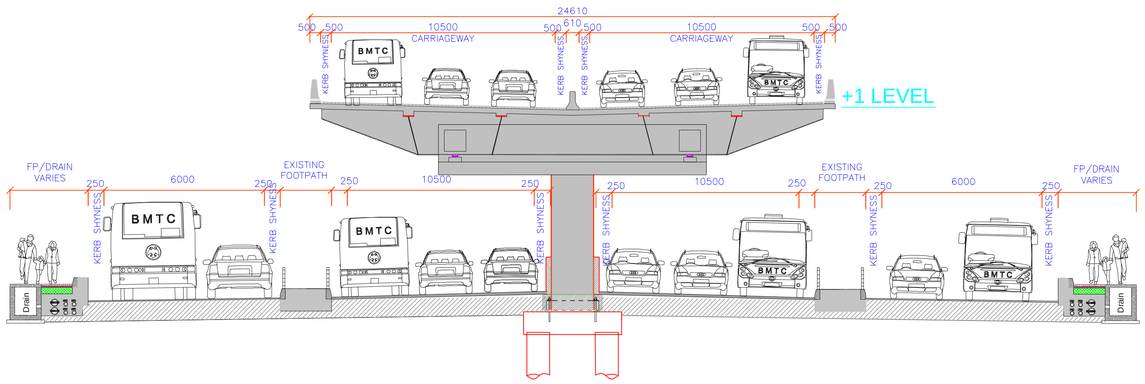
(SCALE 1:1000)



FRL +2 LVL	923.782	923.185	923.396	924.434	926.014	927.614	929.214	930.814	932.414	934.014	935.614	937.214	938.814
ERL	911.043	911.116	911.323	911.894	912.376	913.587	915.414	916.327	917.792	918.904	919.898	921.905	922.441
CHAINAGE	1494.490	1534.490	1574.490	1614.490	1654.490	1694.490	1734.490	1774.490	1814.490	1854.490	1894.490	1934.490	1974.490

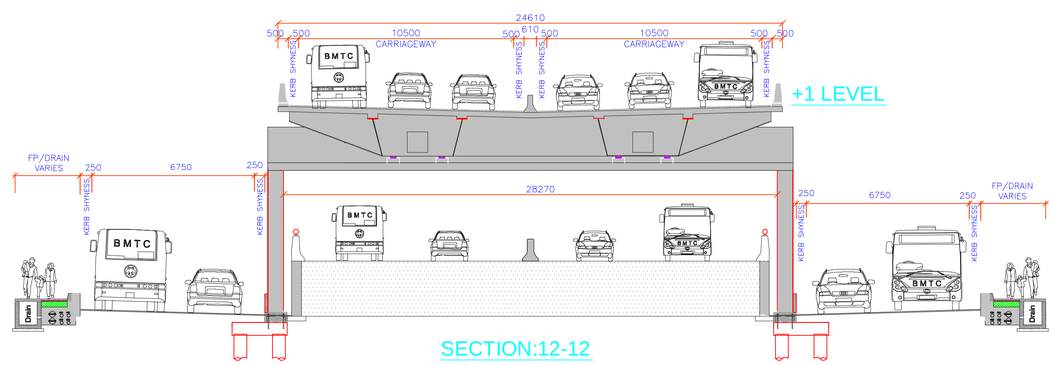
SECTIONAL ELEVATION OF MAIN CARRIAGEWAY

(SCALE 1:750)



SECTION:11-11

FROM Km.1+614 TO 1+734



SECTION:12-12

FROM Km.1+734 TO 1+934

REV	DATE	DESCRIPTION

CLIENT/OWNER:

Karnataka Road Development Corporation Limited

(A Government of Karnataka Enterprise)

PROJECT:-

THE CONSTRUCTION OF PROPOSED ELEVATED CORRIDORS WITH IN BENGALURU METROPOLITAN REGION, BENGALURU

TITLE:- GENERAL ARRANGEMENT DRAWING

PHASE:1 - PACKAGE:1
SECTION - 1
(FROM Km.0+000 TO Km.3+309)

DRG No.: BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 05 OF 14) REV. R0

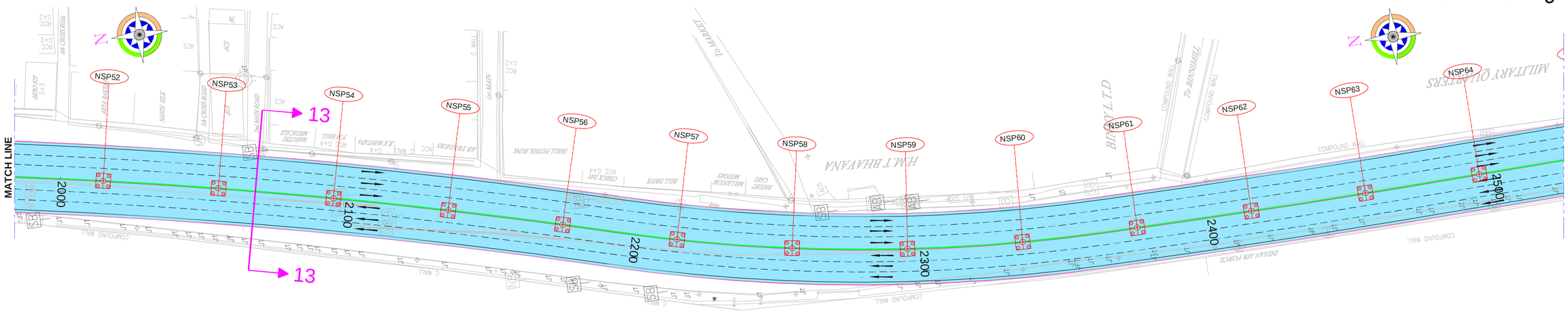
DATE: FEB' 2019 SCALE: SIZE: A3

DRAWN	DESIGNED	CHECKED	APPROVED
MM	SAK	SR	SR

HEBBAL

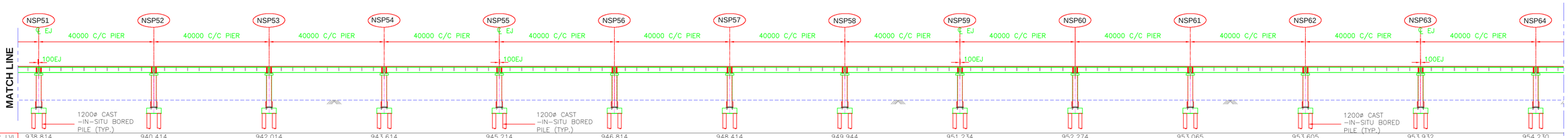
CANTONMENT

Phase1 - Package:1



PLAN

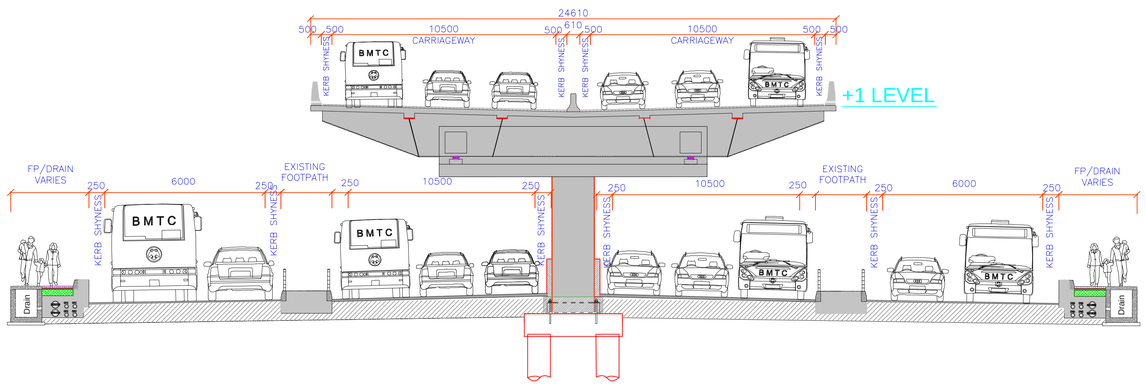
(SCALE 1:1000)



FRL +2 LVL	938.814	940.414	942.014	943.614	945.214	946.814	948.414	949.944	951.234	952.274	953.065	953.605	953.932	954.230
ERL	922.441	923.253	923.833	924.208	924.315	924.083	923.831	923.777	924.030	924.319	925.165	926.451	927.365	928.395
CHAINAGE	1974.490	2014.490	2054.490	2094.490	2134.490	2174.490	2214.490	2254.490	2294.490	2334.490	2374.490	2414.490	2454.490	2494.490

SECTIONAL ELEVATION OF MAIN CARRIAGEWAY

(SCALE 1:750)



SECTION:13-13

FROM Km.1+934 TO 2+654

REV	DATE	DESCRIPTION

CLIENT/OWNER:

Karnataka Road Development Corporation Limited

(A Government of Karnataka Enterprise)

PROJECT:-

THE CONSTRUCTION OF PROPOSED ELEVATED CORRIDORS WITH IN BENGALURU METROPOLITAN REGION, BENGALURU

TITLE:- GENERAL ARRANGEMENT DRAWING

PHASE:1 - PACKAGE:1
SECTION - 1
(FROM Km.0+000 TO Km.3+309)

DRG No.: BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 06 OF 14) REV. R0

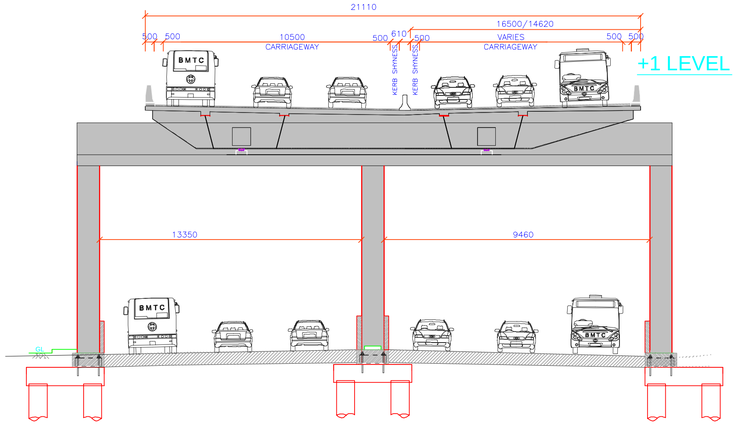
DATE: FEB' 2019 SCALE: SIZE: A3

DRAWN	DESIGNED	CHECKED	APPROVED
MM	SAK	SR	SR

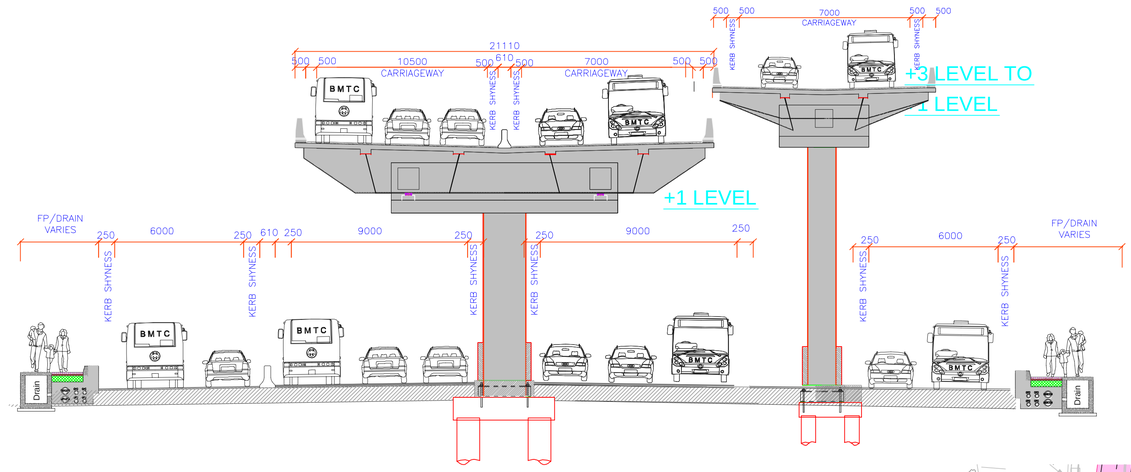
HEBBAL

CANTONMENT

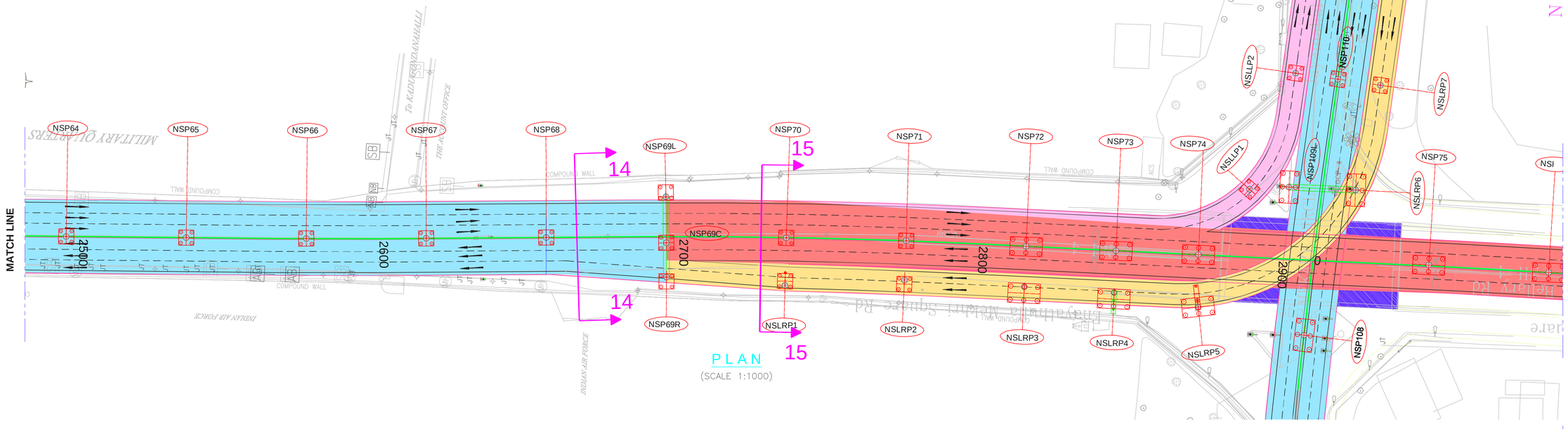
Phase1 - Package:1



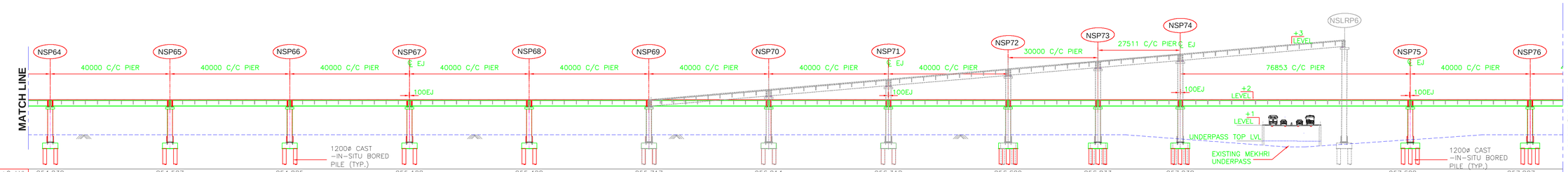
SECTION:14-14
FROM Km.2+654 TO 2+694



SECTION:15-15
FROM Km.2+694



PLAN
(SCALE 1:1000)



FRL +2 LVL	954.230	954.527	954.825	955.122	955.420	955.717	956.014	956.312	956.609	956.833	957.038			957.609	957.907
ERL	928.395	929.333	930.404	930.966	931.626	932.391	933.007	933.229	931.778	931.686	931.768			933.085	934.469
CHAINAGE	2494.490	2534.490	2574.490	2614.490	2654.490	2694.490	2734.490	2774.490	2814.490	2844.490	2871.990			2948.840	2988.840

SECTIONAL ELEVATION OF MAIN CARRIAGEWAY
(SCALE 1:750)

REV	DATE	DESCRIPTION

CLIENT/OWNER:
Karnataka Road Development Corporation Limited
(A Government of Karnataka Enterprise)

PROJECT:-
THE CONSTRUCTION OF PROPOSED ELEVATED CORRIDORS WITH IN BENGALURU METROPOLITAN REGION, BENGALURU

TITLE:- GENERAL ARRANGEMENT DRAWING

PHASE:1 - PACKAGE:1
SECTION - 1
(FROM Km.0+000 TO Km.3+309)

DRG No.: BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 07 OF 14) | REV. R0
DATE: FEB' 2019 | SCALE: | SIZE: A3

DRAWN	DESIGNED	CHECKED	APPROVED
MM	SAK	SR	SR

HEBBAL

CAUVERY JUNCTION

Phase1 - Package:1

CANTONMENT

YESHAVANTPUR

+3 LEVEL TO +1 LEVEL (CANTONMENT TO BAPTIST HOSPITAL)

+1 TO +2 LEVEL (TOWORDS KAVERI JUNCTION)

SECTION:A-A
FROM Km.2+774 TO 2+872

+2 LEVEL TO +1 LEVEL (TOWORDS CANTONMENT)

+1 LEVEL (TOWORDS YESHAVNTPUR)

SECTION:D-D

+3 LEVEL TO +1 LEVEL (CANTONMENT TO BAPTIST HOSPITAL)

+1 LEVEL (TOWORDS YESHAVNTPUR)

+2 LEVEL TO +1 LEVEL (TOWORDS CANTONMENT)

+1 LEVEL(TOWORDS YESHAVNTPUR)

SECTION:B-B
FROM Km.2+872 TO 0+024

SECTION FOR MAIN CARRIAGWAY NOT SHOWN FOR THE CLARITY

+2 TO +1 LEVEL (TOWORDS KAVERI JUNCTION)

SECTION:C-C
FROM Km.2+872 TO 3+026

REV	DATE	DESCRIPTION

CLIENT/OWNER:

Karnataka Road Development Corporation Limited
(A Government of Karnataka Enterprise)

PROJECT:-

THE CONSTRUCTION OF PROPOSED ELEVATED CORRIDORS WITH IN BENGALURU METROPOLITAN REGION, BENGALURU

TITLE:- GENERAL ARRANGEMENT DRAWING

PHASE:1 - PACKAGE:1
SECTION - 1
(FROM Km.0+000 TO Km.3+309)

DRG No.: BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 08 OF 14) REV. R0

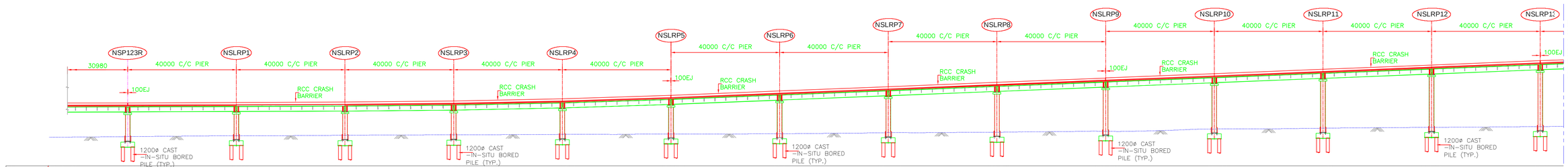
DATE: FEB' 2019 SCALE: SIZE: A3

DRAWN	DESIGNED	CHECKED	APPROVED
MM	SAK	SR	SR

HEBBAL

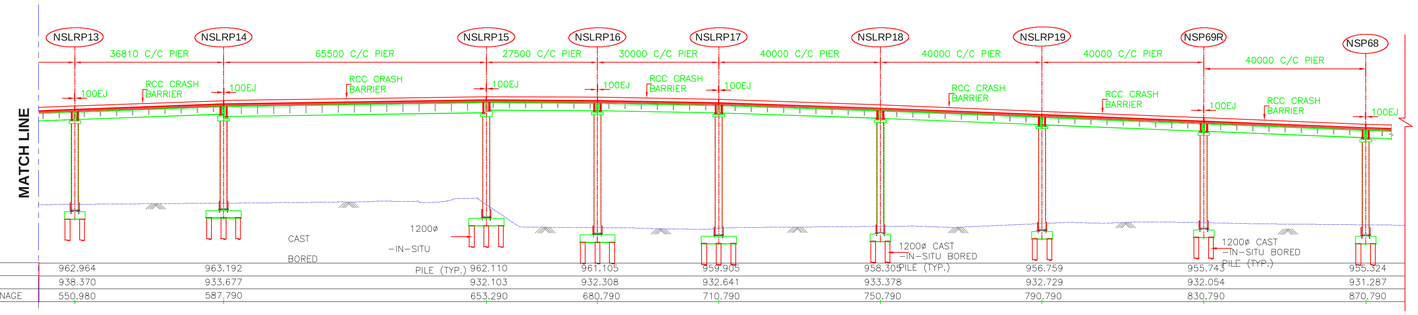
CANTONMENT

Phase1 - Package:1



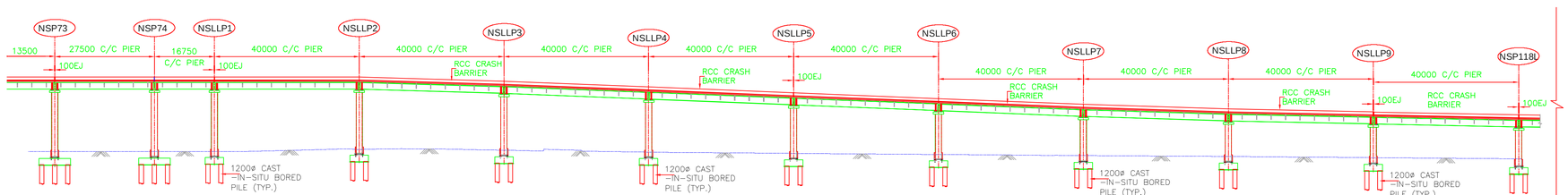
FRL	945.453	945.574	945.833	946.542	947.733	949.302	950.902	952.502	954.102	955.702	957.302	958.902	960.502	962.032	962.964
ERL	934.431	934.496	934.711	934.842	935.024	935.113	935.343	935.666	936.006	936.675	937.061	937.422	937.687	938.018	938.370
CHAINAGE	0.000	30.980	70.980	110.980	150.980	190.980	230.980	270.980	310.980	350.980	390.980	430.980	470.980	510.980	550.980

SECTIONAL ELEVATION OF NSLR-LOOP



FRL	962.964	963.192	962.110	961.105	959.905	958.305	956.759	955.743	955.324
ERL	938.370	933.677	932.103	932.308	932.641	933.378	932.729	932.054	931.287
CHAINAGE	550.980	587.790	653.290	680.790	710.790	750.790	790.790	830.790	870.790

SECTIONAL ELEVATION OF NSLR-LOOP



FRL	956.834	956.734	956.376	954.878	954.079	952.482	950.884	949.295	948.007	947.181	946.810	946.603
ERL	937.499	937.933	938.093	937.683	937.229	936.865	936.569	936.258	936.014	935.684	935.359	935.111
CHAINAGE	13.500	41.000	57.750	97.750	117.750	157.750	197.750	237.750	277.750	317.750	357.750	397.750

SECTIONAL ELEVATION OF NSLL-LOOP

REV	DATE	DESCRIPTION

CLIENT/OWNER:

Karnataka Road Development Corporation Limited
(A Government of Karnataka Enterprise)

PROJECT:-

THE CONSTRUCTION OF PROPOSED ELEVATED CORRIDORS WITH IN BENGALURU METROPOLITAN REGION, BENGALURU

TITLE:- GENERAL ARRANGEMENT DRAWING

PHASE:1 - PACKAGE:1
SECTION - 2 (FROM Km.-0+145 TO Km.1+341)

DRG No.: BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 09 OF 14) REV. R0

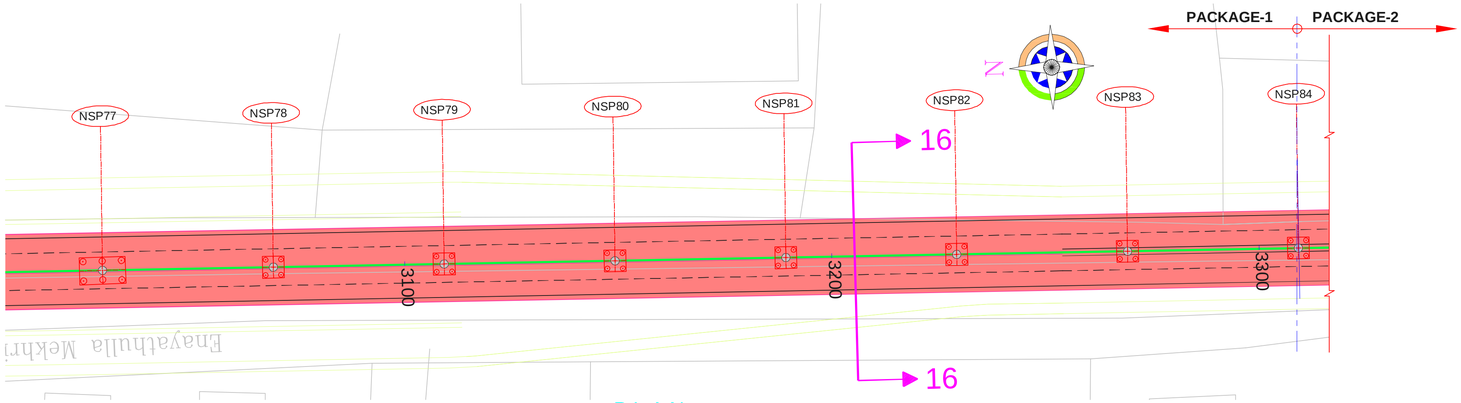
DATE: FEB' 2019 SCALE: SIZE: A3

DRAWN	DESIGNED	CHECKED	APPROVED
MM	SAK	SR	SR

HEBBAL

CAUVERY JUNCTION

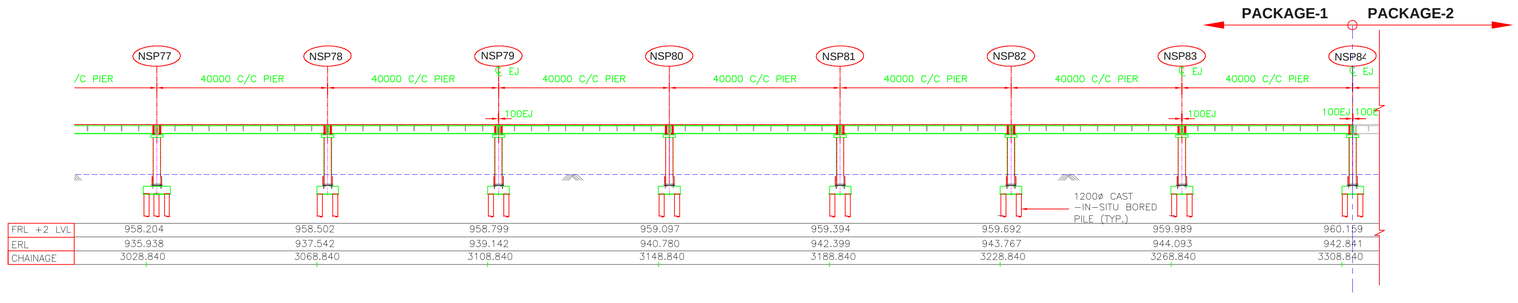
Phase1 - Package:1



PLAN

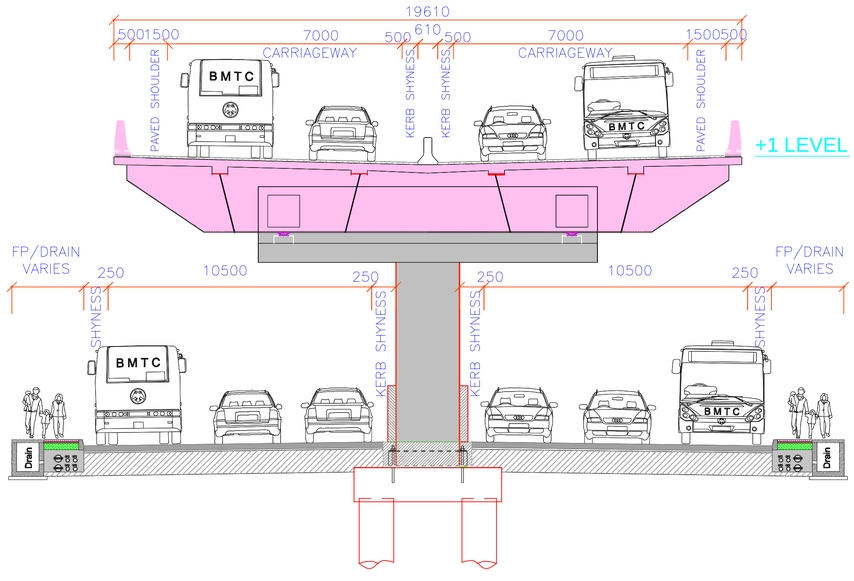
(SCALE 1:1000)

THE SCOPE OF PHASE-I, PKG-I, SECTION-1 SHALL BE UPTO NSP84 INCLUDING CONSTRUCTION OF NHSP84 WITH EXP. GAP AND CONSIDERING 40m SPAN ON EITHER SIDE



SECTIONAL ELEVATION OF MAIN CARRIAGEWAY

(SCALE 1:750)



SECTION:16-16

FROM Km 3+026 TO Km 3+308

REV	DATE	DESCRIPTION

CLIENT/OWNER:

Karnataka Road Development Corporation Limited

(A Government of Karnataka Enterprise)

PROJECT:-

THE CONSTRUCTION OF PROPOSED ELEVATED CORRIDORS WITH IN BENGALURU METROPOLITAN REGION, BENGALURU

TITLE:- GENERAL ARRANGEMENT DRAWING

PHASE:1 - PACKAGE:1
SECTION - 1
(FROM Km.0+000 TO Km.3+309)

DRG No.: BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 10 OF 14) REV. R0

DATE: FEB' 2019 SCALE: SIZE: A3

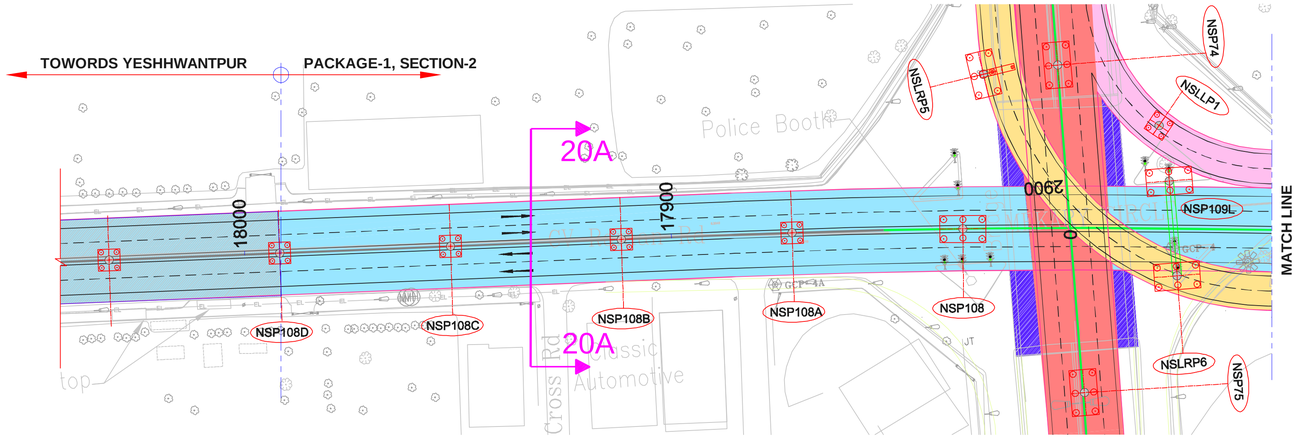
DRAWN	DESIGNED	CHECKED	APPROVED
MM	SAK	SR	SR

HEBBAL

CANTONMENT

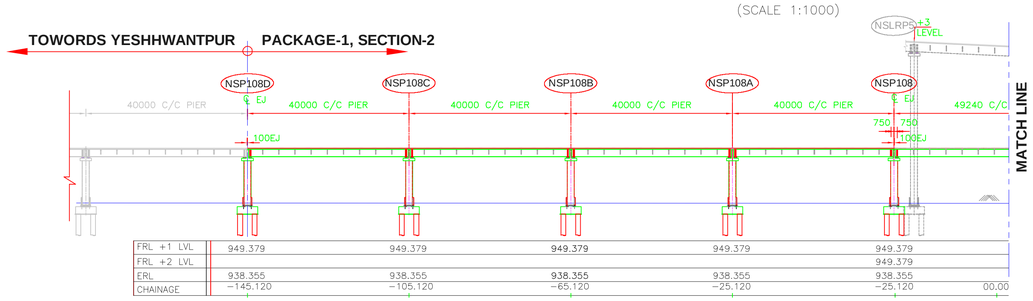
Phase1 - Package:1

THE SCOPE OF PHASE-I, PKG-I, SECTION-2 SHALL STARTS FROM NSP108D INCLUDING CONSTRUCTION OF NHSP108D WITH EXP. GAP AND CONSIDERING 40m SPAN ON EITHER SIDE



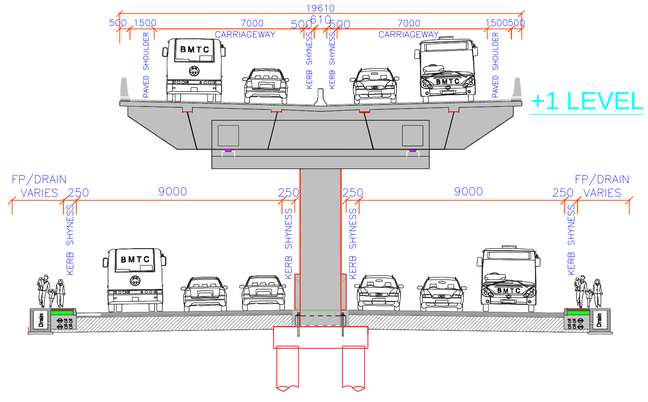
PLAN

(SCALE 1:1000)



SECTIONAL ELEVATION OF MAIN CARRIAGEWAY

(SCALE 1:750)



SECTION:20A-20A

FROM Km -0+145 TO Km 0+024

REV	DATE	DESCRIPTION

CLIENT/OWNER:

Karnataka Road Development Corporation Limited

(A Government of Karnataka Enterprise)

PROJECT:-

THE CONSTRUCTION OF PROPOSED ELEVATED CORRIDORS WITH IN BENGALURU METROPOLITAN REGION, BENGALURU

TITLE:- GENERAL ARRANGEMENT DRAWING

PHASE:1 - PACKAGE:1
SECTION - 2 (FROM Km.-0+145 TO Km.1+341)

DRG No.: BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 11 OF 14) | REV. R0

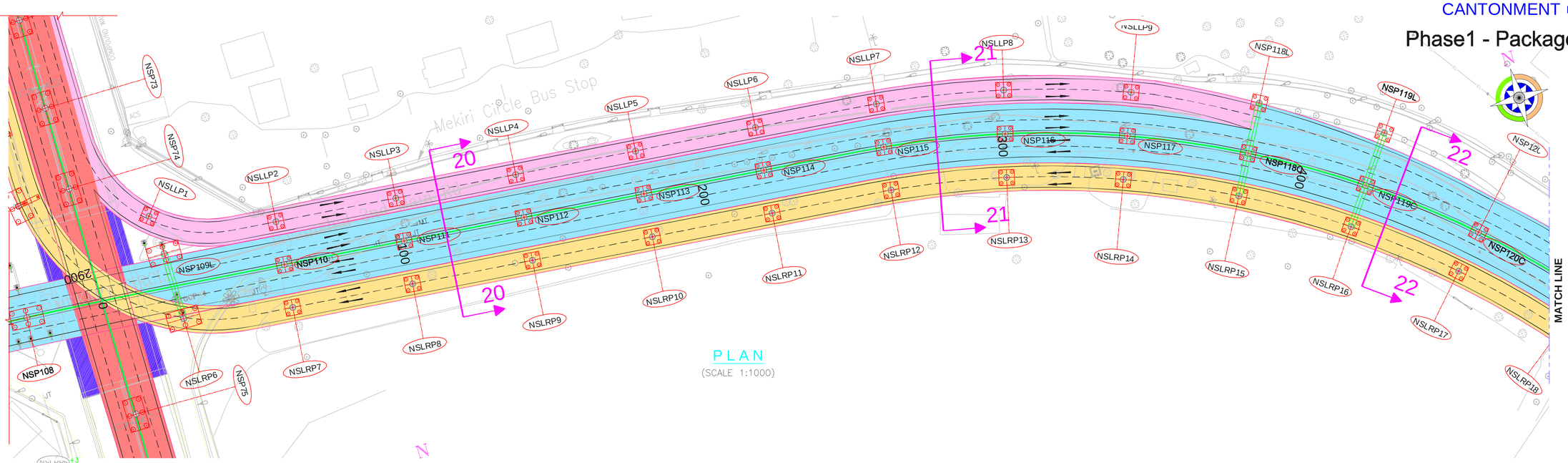
DATE: FEB' 2019 | SCALE: | SIZE: A3

DRAWN	DESIGNED	CHECKED	APPROVED
MM	SAK	SR	SR

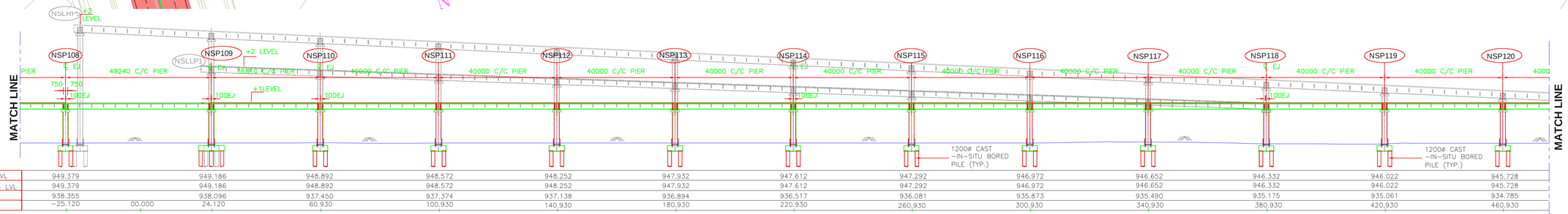
HEBBAL

CANTONMENT

Phase1 - Package:1



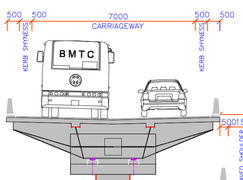
PLAN
(SCALE 1:1000)



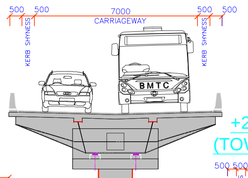
FRL +1 LVL	949.379		949.186	948.892	948.572	948.252	947.932	947.612	947.292	946.972	946.652	946.332	946.022	945.728
FRL +2/3 LVL	949.379		949.186	948.892	948.572	948.252	947.932	947.612	947.292	946.972	946.652	946.332	946.022	945.728
ERL	938.355		938.096	937.450	937.374	937.138	936.894	936.517	936.081	935.873	935.490	935.175	935.061	934.785
CHAINAGE	-25.120	00.000	24.120	60.930	100.930	140.930	180.930	220.930	260.930	300.930	340.930	380.930	420.930	460.930

SECTIONAL ELEVATION OF MAIN CARRIAGEWAY
(SCALE 1:750)

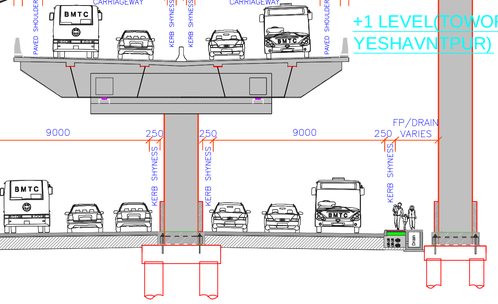
+2 LEVEL TO +1 LEVEL
(TOWORDS CANTONMENT)



+3 LEVEL TO +1 LEVEL
(CANTONMENT TO BAPTIST HOSPITAL)

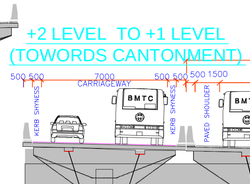


+1 LEVEL(TOWORDS YESHAVNTPUR)

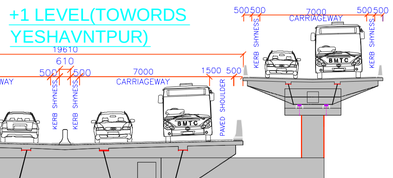


SECTION:20-20
FROM Km 0+024 TO Km 0+034

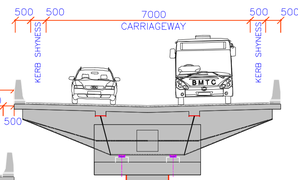
+2 LEVEL TO +1 LEVEL
(TOWORDS CANTONMENT)



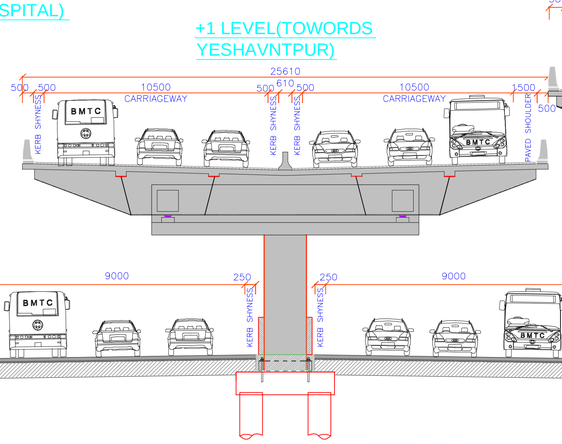
+1 LEVEL(TOWORDS YESHAVNTPUR)



+3 LEVEL TO +1 LEVEL
(CANTONMENT TO BAPTIST HOSPITAL)



+1 LEVEL(TOWORDS YESHAVNTPUR)



SECTION:21-21
FROM Km 0+034 TO Km 0+381

SECTION:22-22
FROM Km 0+381 TO Km 0+541

REV	DATE	DESCRIPTION

CLIENT/OWNER:

Karnataka Road Development Corporation Limited
(A Government of Karnataka Enterprise)

PROJECT:-

THE CONSTRUCTION OF PROPOSED ELEVATED CORRIDORS WITH IN BENGALURU METROPOLITAN REGION, BENGALURU

TITLE:- GENERAL ARRANGEMENT DRAWING

PHASE:1 - PACKAGE:1
SECTION - 2 (FROM Km.-0+145 TO Km.1+341)

DRG No.: BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 12 OF 14) | REV. R0

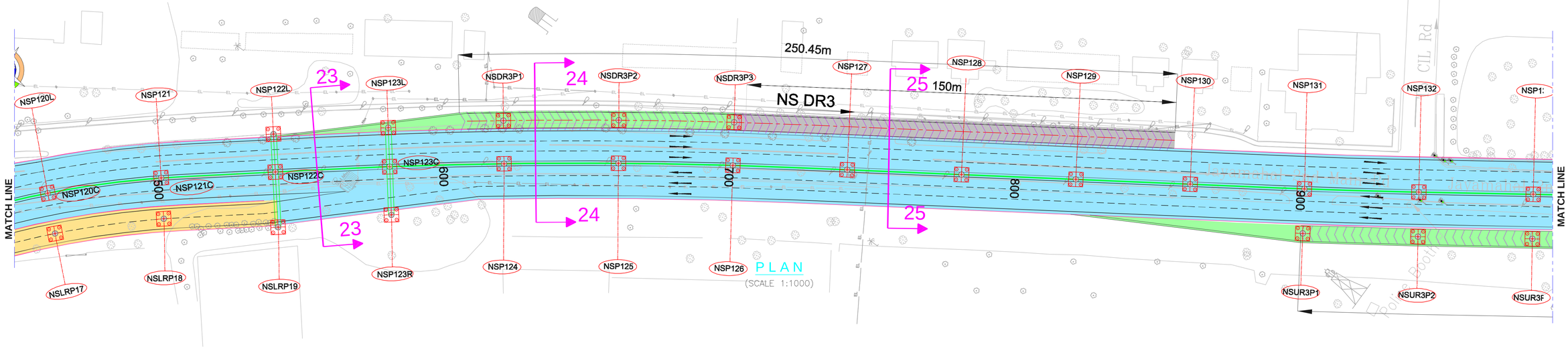
DATE: FEB' 2019 | SCALE: | SIZE: A3

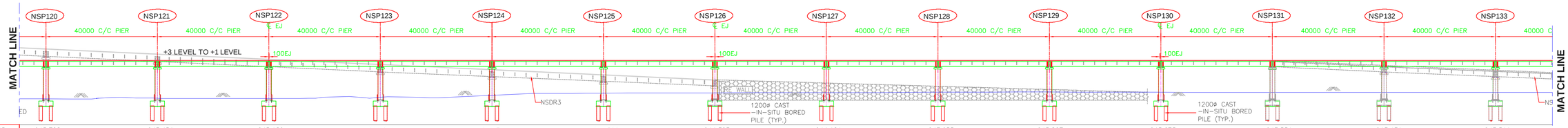
DRAWN	DESIGNED	CHECKED	APPROVED
MM	SAK	SR	SR

HEBBAL

CANTONMENT

Phase1 - Package:1



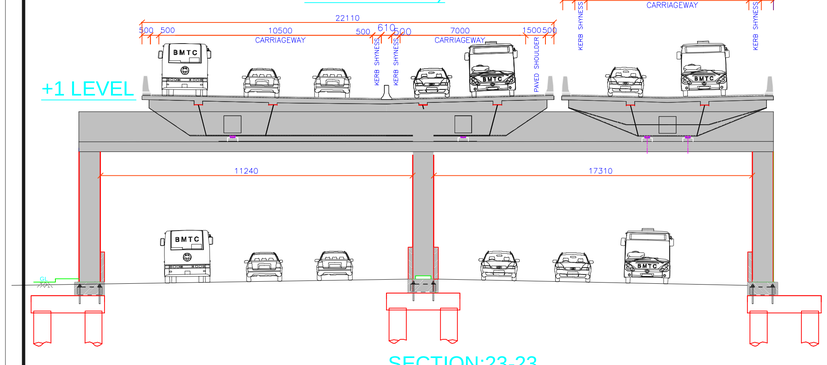


FRL +1 LVL	945.728	945.451	945.189	944.944	944.714	944.500	944.303	944.121	943.955	943.807	943.673	943.551	943.431	943.311
FRL +2/3 LVL	945.728	945.451	945.189	944.944	944.714	944.500	944.303	944.122	943.956	943.807	943.673	943.552	943.432	943.312
ERL	934.785	934.440	934.264	934.084	934.076	933.834	933.429	933.240	933.002	932.834	932.704	932.495	932.261	932.185
CHAINAGE	460.930	500.930	540.930	580.930	620.930	660.930	700.930	740.930	780.930	820.930	860.930	900.930	940.930	980.930

SECTIONAL ELEVATION OF MAIN CARRIAGEWAY
(SCALE 1:750)

+1 LEVEL(TOWORDS YESHAVNTPUR)

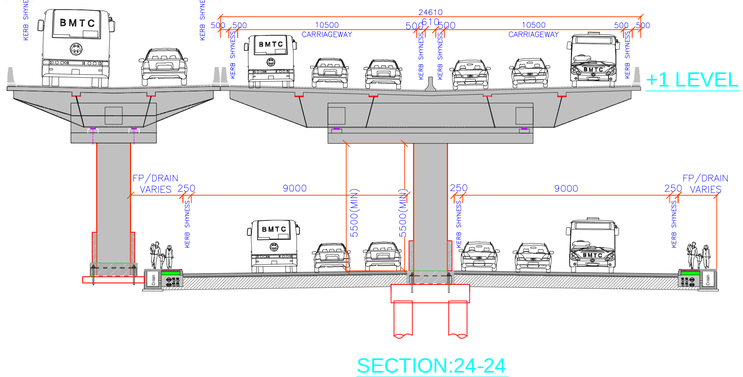
+3 LEVEL TO +1 LEVEL (CANTONMENT TO BAPTIST HOSPITAL)



SECTION:23-23
FROM Km 0+541 TO Km 0+581

NSDR3

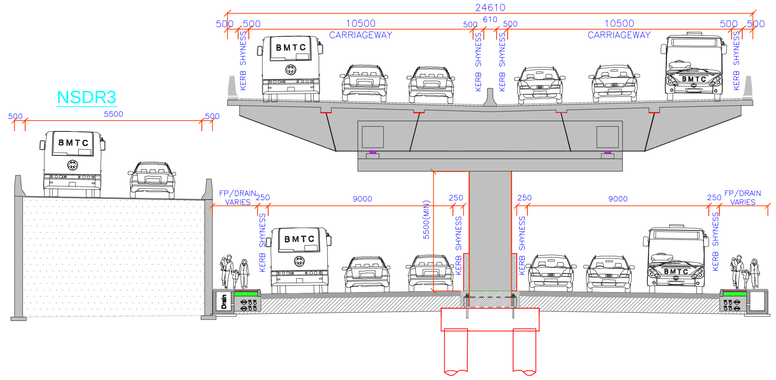
+1 LEVEL(TOWORDS YESHAVNTPUR)



SECTION:24-24
FROM Km 0+581 TO Km 0+701

+1 LEVEL(TOWORDS YESHAVNTPUR)

NSDR3



SECTION:25-25
FROM Km 0+701 TO Km 0+861

REV	DATE	DESCRIPTION

CLIENT/OWNER:

Karnataka Road Development Corporation Limited
(A Government of Karnataka Enterprise)

PROJECT:-

THE CONSTRUCTION OF PROPOSED ELEVATED CORRIDORS WITH IN BENGALURU METROPOLITAN REGION, BENGALURU

TITLE:- GENERAL ARRANGEMENT DRAWING

PHASE:1 - PACKAGE:1
SECTION - 2 (FROM Km.-0+145 TO Km.1+341)

DRG No.: BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 13 OF 14) REV. R0

DATE: FEB' 2019 SCALE: SIZE: A3

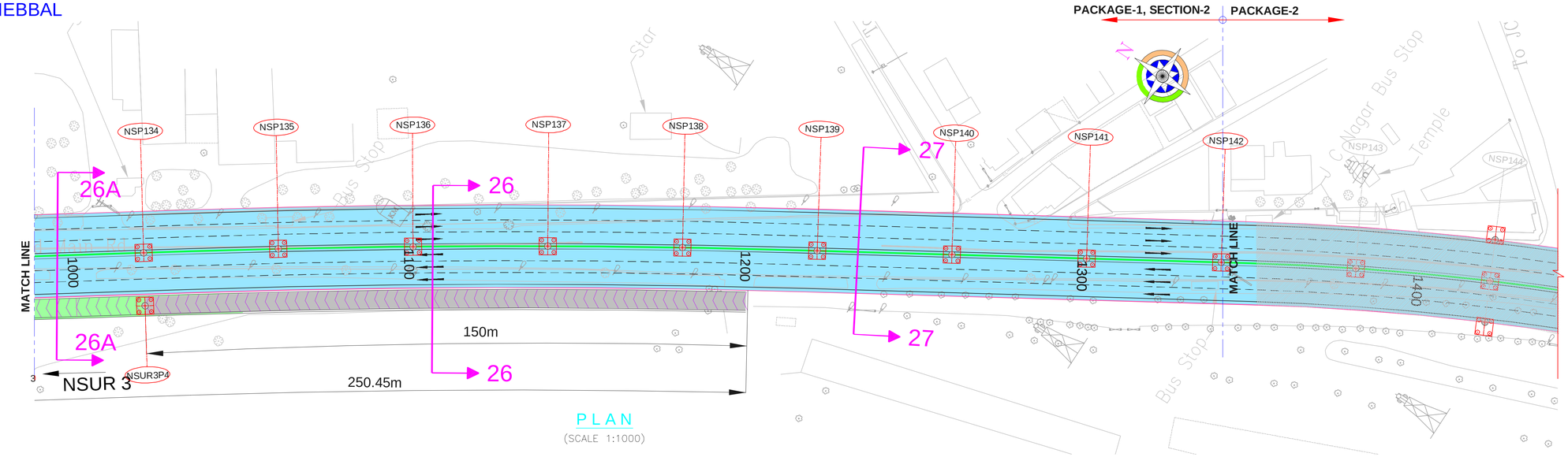
DRAWN	DESIGNED	CHECKED	APPROVED
MM	SAK	SR	SR

HEBBAL

CANTONMENT

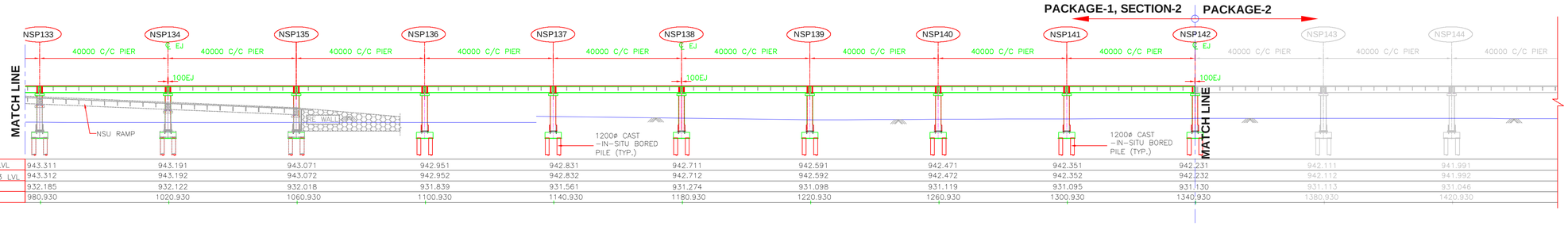
PACKAGE-1, SECTION-2 | PACKAGE-2

Phase1 - Package:1



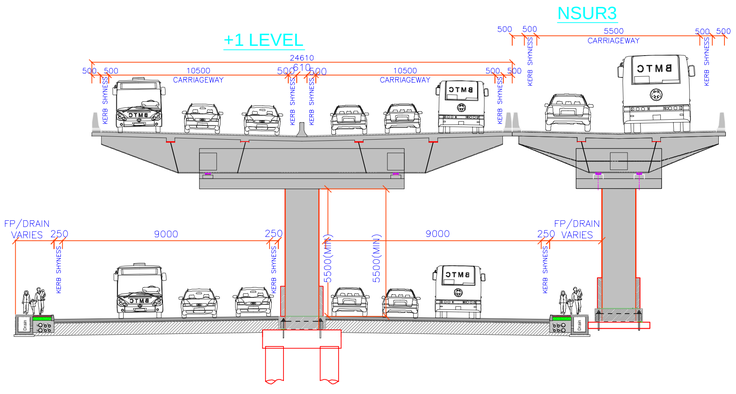
PLAN
(SCALE 1:1000)

THE SCOPE OF PKG-I, SECTION-2 SHALL BE UPTO PIER NSP142 INCLUDING CONSTRUCTION OF PIER NSP142 WITH EXP. GAP AND CONSIDERING 40m SPAN ON EITHER SIDE

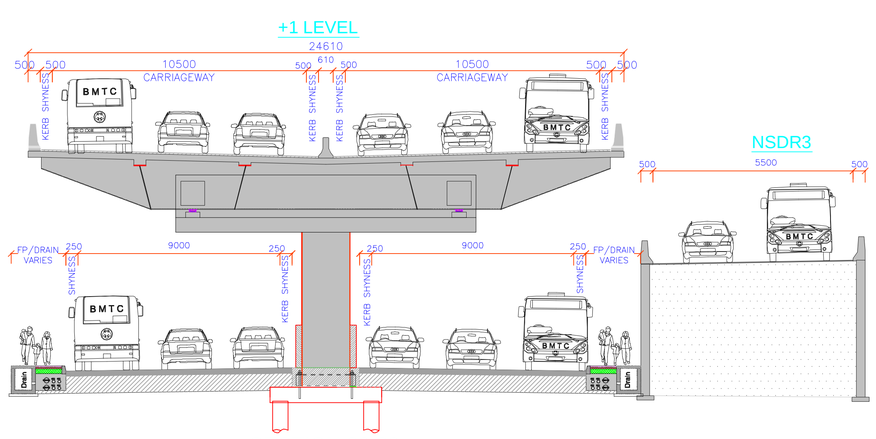


FRL +1 LVL	943.311	943.191	943.071	942.951	942.831	942.711	942.591	942.471	942.351	942.231	942.111	941.991
FRL +2/3 LVL	943.312	943.192	943.072	942.952	942.832	942.712	942.592	942.472	942.352	942.232	942.112	941.992
ERL	932.185	932.122	932.018	931.839	931.561	931.274	931.098	931.119	931.095	931.130	931.113	931.046
CHAINAGE	980.930	1020.930	1060.930	1100.930	1140.930	1180.930	1220.930	1260.930	1300.930	1340.930	1380.930	1420.930

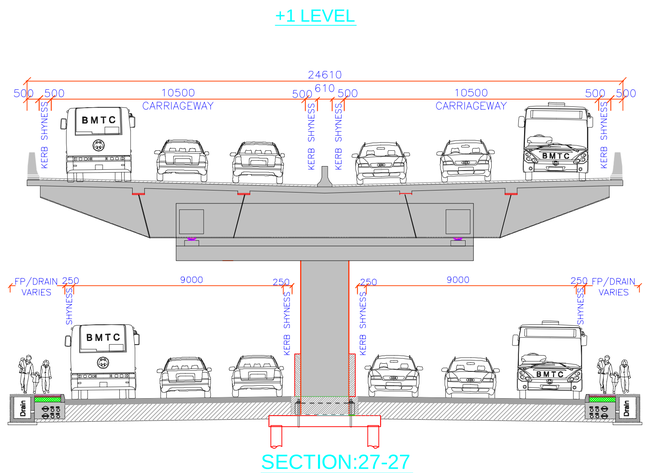
SECTIONAL ELEVATION OF MAIN CARRIAGEWAY
(SCALE 1:750)



SECTION:26A-26A
FROM Km 0+901 TO Km 1+021



SECTION:26-26
FROM Km 1+021 TO Km 1+181



SECTION:27-27
FROM Km 1+181 TO Km 1+501

REV	DATE	DESCRIPTION

CLIENT/OWNER:

Karnataka Road Development Corporation Limited
(A Government of Karnataka Enterprise)

PROJECT:-

THE CONSTRUCTION OF PROPOSED ELEVATED CORRIDORS WITH IN BENGALURU METROPOLITAN REGION, BENGALURU

TITLE:- GENERAL ARRANGEMENT DRAWING

PHASE:1 - PACKAGE:1
SECTION - 2 (FROM Km.-0+145 TO Km.1+341)

DRG No.: BLR-ELV-STR-PHASE:1-PACKAGE:1 (SHEET 14 OF 14) | REV. R0

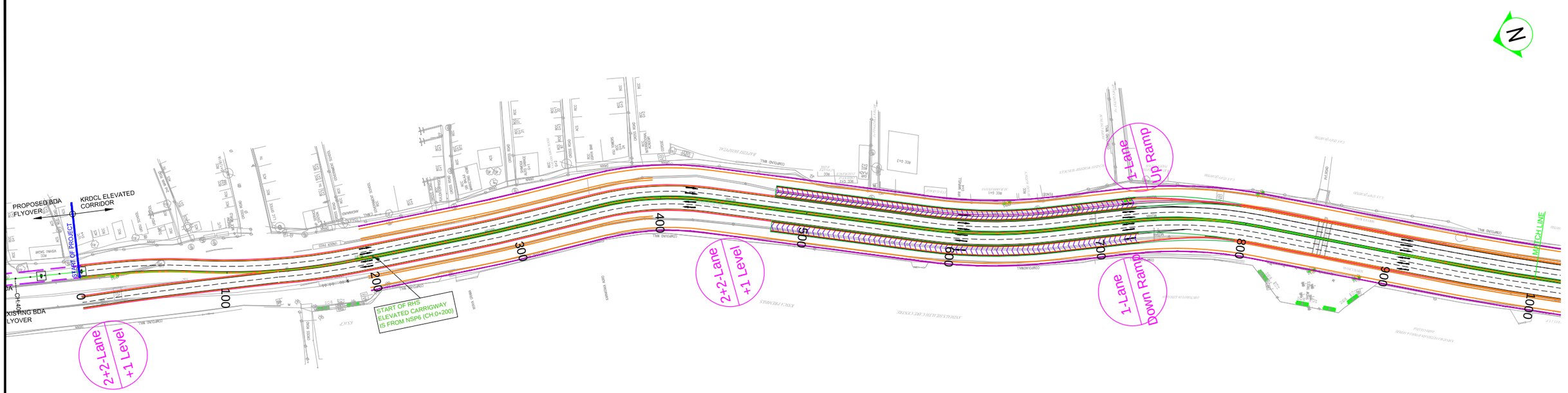
DATE: FEB' 2019 | SCALE: | SIZE: A3

DRAWN	DESIGNED	CHECKED	APPROVED
MM	SAK	SR	SR

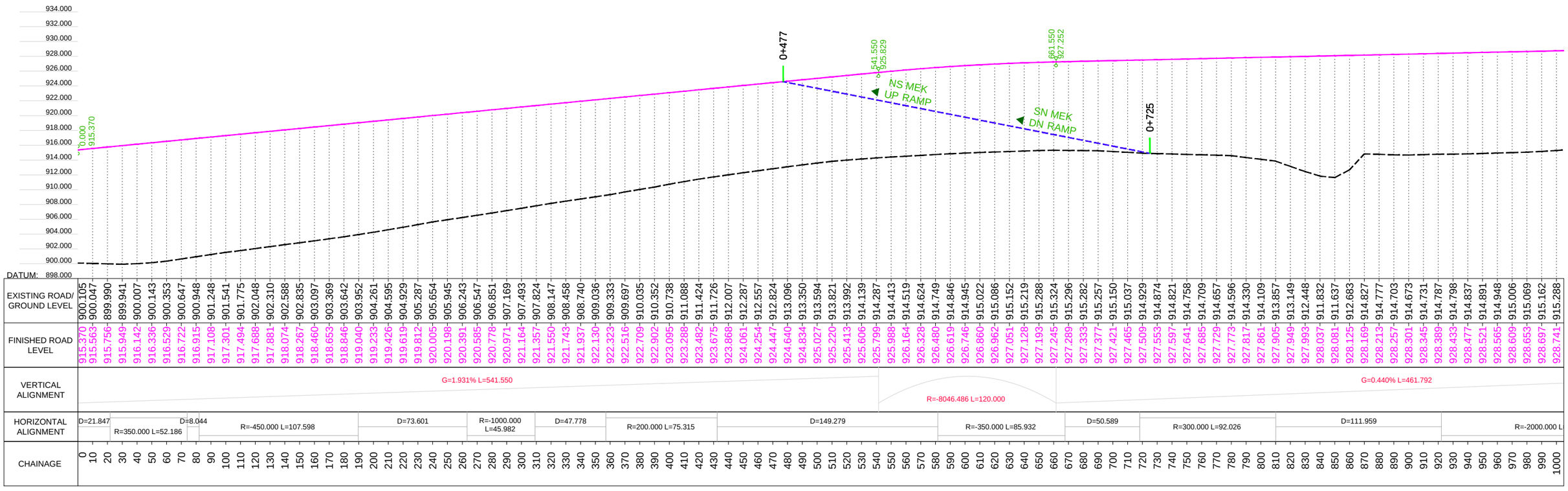
BAPTIST HOSPITAL

PHASE:1 - PACKAGE:1

CANTONMENT



PLAN



EXISTING ROAD/ GROUND LEVEL	900.105 900.047 899.990 899.941 900.007 900.143 900.353 900.647 900.948 901.248 901.541 901.775 902.048 902.310 902.588 902.835 903.097 903.369 903.642 903.952 904.261 904.595 904.929 905.287 905.654 905.945 906.243 906.547 906.851 907.169 907.493 907.824 908.147 908.458 908.740 909.036 909.333 909.697 910.035 910.352 910.738 911.088 911.424 911.726 912.007 912.287 912.557 912.824 913.096 913.350 913.594 913.821 913.992 914.139 914.287 914.413 914.519 914.624 914.749 914.846 914.945 915.022 915.086 915.152 915.219 915.288 915.324 915.296 915.282 915.257 915.150 915.037 914.929 914.874 914.821 914.758 914.709 914.657 914.596 914.330 914.109 913.857 913.149 912.448 911.832 911.637 912.683 914.827 914.777 914.703 914.673 914.731 914.787 914.798 914.837 914.891 914.948 915.006 915.069 915.162 915.288
FINISHED ROAD LEVEL	915.370 915.563 915.756 915.949 916.142 916.336 916.529 916.722 916.915 917.108 917.301 917.494 917.688 917.881 918.074 918.267 918.460 918.653 918.846 919.040 919.233 919.426 919.619 919.812 920.005 920.198 920.391 920.585 920.778 920.971 921.164 921.357 921.550 921.743 921.937 922.130 922.323 922.516 922.709 922.902 923.095 923.288 923.482 923.675 923.868 924.061 924.254 924.447 924.640 924.834 925.027 925.220 925.413 925.606 925.799 925.988 926.164 926.328 926.480 926.619 926.746 926.860 926.962 927.051 927.128 927.193 927.245 927.289 927.333 927.377 927.421 927.465 927.509 927.553 927.597 927.641 927.685 927.729 927.773 927.817 927.861 927.905 927.949 927.993 928.037 928.081 928.125 928.169 928.213 928.257 928.301 928.345 928.389 928.433 928.477 928.521 928.565 928.609 928.653 928.697 928.741
VERTICAL ALIGNMENT	G=1.931% L=541.550 ; R=-8046.486 L=120.000 ; G=0.440% L=461.792
HORIZONTAL ALIGNMENT	D=21.847 ; R=350.000 L=52.186 ; D=8.044 ; R=-450.000 L=107.598 ; D=73.601 ; R=-1000.000 L=45.982 ; D=47.778 ; R=200.000 L=75.315 ; D=149.279 ; R=-350.000 L=85.932 ; D=50.589 ; R=300.000 L=92.026 ; D=111.959 ; R=-2000.000 L
CHAINAGE	0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990 1000

PROFILE

REV	DATE	DESCRIPTION

CLIENT/OWNER:

Karnataka Road Development Corporation Limited
(A Government of Karnataka Enterprise)

PROJECT:-

THE CONSTRUCTION OF PROPOSED ELEVATED CORRIDORS WITH IN BENGALURU METROPOLITAN REGION, BENGALURU

TITLE:-
PLAN AND PROFILE
PHASE:1 - PACKAGE:1
SECTION - 1
(FROM Km. 0+000 TO Km. 3+309)

DRG No.: BLR-ELV-HIG-PHASE:1-PACKAGE:1 (SH.01 OF 06) | REV. R0

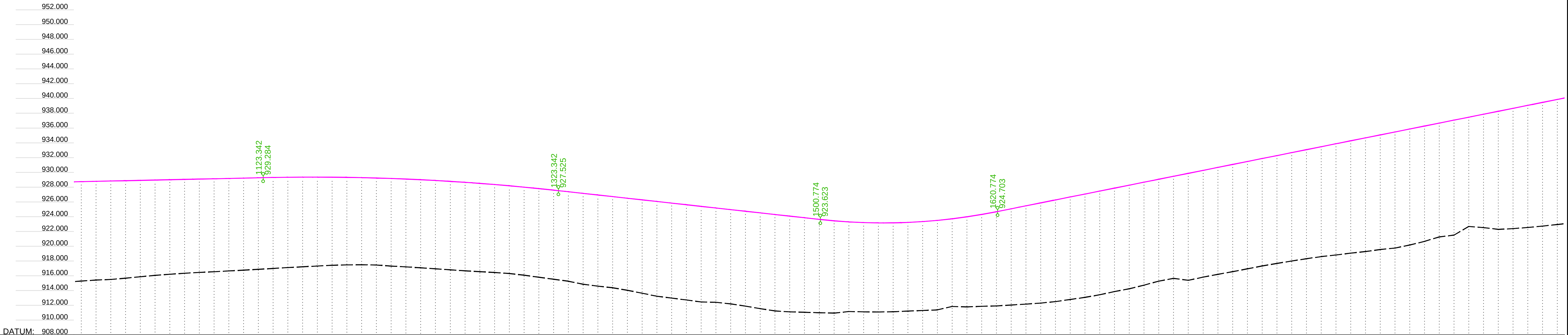
DATE: FEB' 2019 | SCALE: | SIZE: A3

DRAWN	DESIGNED	CHECKED	APPROVED
MM	SAK	SR	SR

BAPTIST HOSPITAL

PHASE:1 - PACKAGE:1

CANTONMENT



CHAINAGE	EXISTING ROAD/ GROUND LEVEL	FINISHED ROAD LEVEL
1000	915.288	928.741
1010	915.423	928.785
1020	915.503	928.829
1030	915.675	928.873
1040	915.874	928.917
1050	916.064	928.961
1060	916.214	929.005
1070	916.346	929.049
1080	916.458	929.093
1090	916.553	929.137
1100	916.658	929.181
1110	916.767	929.225
1120	916.882	929.269
1130	916.997	929.310
1140	917.112	929.339
1150	917.221	929.354
1160	917.324	929.357
1170	917.426	929.346
1180	917.482	929.321
1190	917.496	929.284
1200	917.465	929.234
1210	917.315	929.170
1220	917.205	929.093
1230	917.085	929.003
1240	916.949	928.899
1250	916.813	928.783
1260	916.677	928.653
1270	916.558	928.510
1280	916.452	928.354
1290	916.309	928.185
1300	916.081	928.002
1310	915.809	927.806
1320	915.537	927.598
1330	915.270	927.378
1340	914.855	927.158
1350	914.604	926.938
1360	914.383	926.719
1370	914.044	926.499
1380	913.647	926.279
1390	913.235	926.059
1400	912.988	925.839
1410	912.728	925.619
1420	912.457	925.399
1430	912.414	925.179
1440	912.202	924.959
1450	911.896	924.739
1460	911.555	924.519
1470	911.244	924.299
1480	911.116	924.079
1490	911.064	923.860
1500	910.999	923.640
1510	910.952	923.442
1520	911.162	923.295
1530	911.124	923.200
1540	911.103	923.157
1550	911.137	923.166
1560	911.222	923.226
1570	911.302	923.338
1580	911.387	923.501
1590	911.854	923.717
1600	911.788	923.983
1610	911.871	924.302
1620	911.922	924.672
1630	912.044	925.072
1640	912.169	925.472
1650	912.307	925.872
1660	912.514	926.272
1670	912.795	926.672
1680	913.085	927.072
1690	913.433	927.472
1700	913.863	927.872
1710	914.247	928.272
1720	914.737	928.672
1730	915.279	929.072
1740	915.650	929.472
1750	915.393	929.872
1760	915.822	930.272
1770	916.196	930.672
1780	916.563	931.072
1790	916.945	931.472
1800	917.334	931.872
1810	917.677	932.272
1820	918.001	932.672
1830	918.313	933.072
1840	918.601	933.472
1850	918.820	933.872
1860	919.064	934.272
1870	919.286	934.672
1880	919.558	935.072
1890	919.758	935.472
1900	920.170	935.872
1910	920.659	936.272
1920	921.262	936.672
1930	921.513	937.072
1940	922.678	937.472
1950	922.526	937.872
1960	922.286	938.272
1970	922.385	938.672
1980	922.543	939.072
1990	922.730	939.472
2000	922.947	939.872

VERTICAL ALIGNMENT: R=-7577.834 L=200.000; G=-2.199% L=177.432; R=1935.737 L=120.000; G=4.000% L=603.241

HORIZONTAL ALIGNMENT: 00 L=153.614; D=189.316; R=800.000 L=41.574; D=21.389; R=-800.000 L=115.359; D=111.858; R=-1200.000 L=80.122; D=23.120; R=2000.000 L=67.390; D=125.480; R=-1200.000 L=90.131; D=41.802

PROFILE

REV	DATE	DESCRIPTION

CLIENT/OWNER:
Karnataka Road Development Corporation Limited
(A Government of Karnataka Enterprise)

PROJECT:-
THE CONSTRUCTION OF PROPOSED ELEVATED CORRIDORS WITH IN BENGALURU METROPOLITAN REGION, BENGALURU

TITLE:-
PLAN AND PROFILE
PHASE:1 - PACKAGE:1
SECTION - 1
(FROM Km. 0+000 TO Km. 3+309)

DRG No.: BLR-ELV-HIG-PHASE:1-PACKAGE:1 (SH.02 OF 06)
REV. R0
DATE: FEB' 2019
SCALE:
SIZE: A3

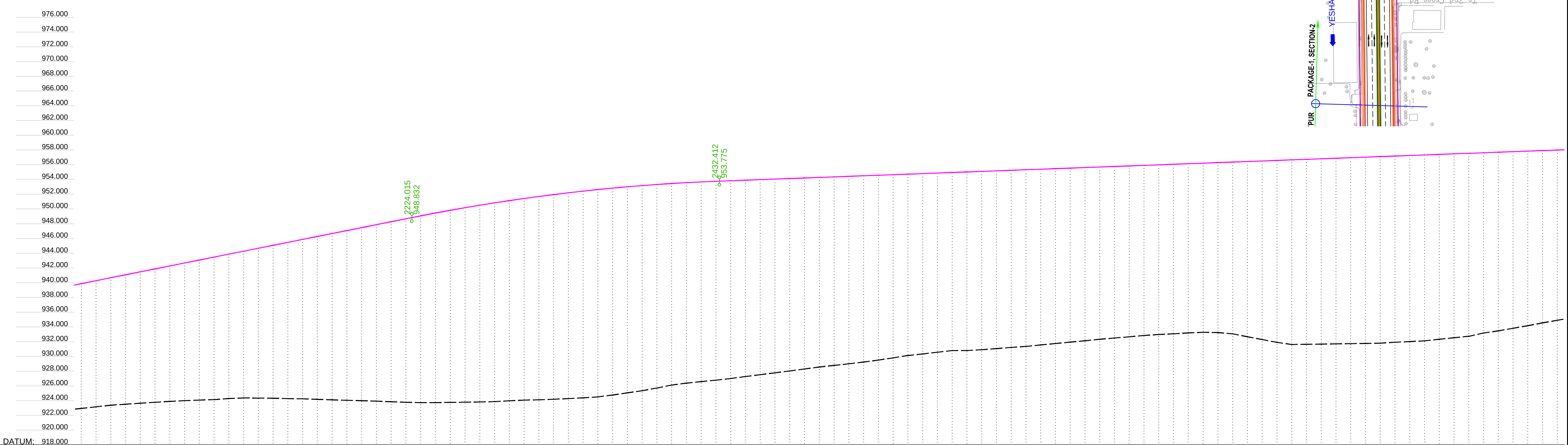
DRAWN	DESIGNED	CHECKED	APPROVED
MM	SAK	SR	SR

BAPTIST HOSPITAL

PHASE:1 - PACKAGE:1

CANTONMENT

PLAN



CHAINAGE	EXISTING ROAD/ GROUND LEVEL	FINISHED ROAD LEVEL
2000	922.947	939.872
2010	923.167	940.272
2020	923.381	940.672
2030	923.522	941.072
2040	923.652	941.472
2050	923.784	941.872
2060	923.904	942.272
2070	924.005	942.672
2080	924.081	943.072
2090	924.144	943.472
2100	924.287	943.872
2110	924.372	944.272
2120	924.353	944.672
2130	924.335	945.072
2140	924.274	945.472
2150	924.256	945.872
2160	924.181	946.272
2170	924.108	946.672
2180	924.053	947.072
2190	923.999	947.472
2200	923.932	947.872
2210	923.856	948.272
2220	923.786	948.672
2230	923.735	949.069
2240	923.735	949.452
2250	923.766	949.819
2260	923.797	950.170
2270	923.827	950.506
2280	923.871	950.827
2290	923.988	951.131
2300	924.073	951.420
2310	924.118	951.694
2320	924.194	951.952
2330	924.284	952.194
2340	924.386	952.421
2350	924.513	952.631
2360	924.766	952.827
2370	925.061	953.007
2380	925.354	953.171
2390	925.710	953.319
2400	926.124	953.452
2410	926.376	953.569
2420	926.588	953.671
2430	926.782	953.757
2440	927.006	953.831
2450	927.272	953.906
2460	927.528	953.980
2470	927.779	954.055
2480	928.030	954.129
2490	928.296	954.203
2500	928.562	954.278
2510	928.790	954.352
2520	928.999	954.426
2530	929.240	954.501
2540	929.503	954.575
2550	929.804	954.650
2560	930.125	954.724
2570	930.331	954.798
2580	930.577	954.873
2590	930.791	954.947
2600	930.803	955.021
2610	930.913	955.096
2620	931.060	955.170
2630	931.227	955.245
2640	931.359	955.319
2650	931.558	955.393
2660	931.751	955.468
2670	931.944	955.542
2680	932.124	955.616
2690	932.329	955.691
2700	932.495	955.765
2710	932.664	955.839
2720	932.845	955.914
2730	932.973	955.988
2740	933.069	956.063
2750	933.196	956.137
2760	933.272	956.211
2770	933.240	956.286
2780	933.068	956.360
2790	932.669	956.434
2800	932.289	956.509
2810	931.912	956.583
2820	931.621	956.658
2830	931.648	956.732
2840	931.676	956.806
2850	931.705	956.881
2860	931.735	956.955
2870	931.765	957.029
2880	931.795	957.104
2890	931.930	957.178
2900	932.010	957.253
2910	932.119	957.327
2920	932.329	957.401
2930	932.538	957.476
2940	932.735	957.550
2950	933.187	957.624
2960	933.469	957.699
2970	933.822	957.773
2980	934.173	957.848
2990	934.553	957.922
3000	934.902	957.996

VERTICAL ALIGNMENT: R=-6400.000 L=208.397 | G=0.744% L=838.984

HORIZONTAL ALIGNMENT: R=2000.000 L=207.962 | D | R=-600.000 L=171.156 | D=32.113 | R=-3000.000 L=70.583 | D=98.389 | R=-2000.000 L=34.264 | D=86.792 | R=2000.000 L=112.622 | D=159.215 | R=3000.000 L=37.258

PROFILE

REV	DATE	DESCRIPTION

CLIENT/OWNER:

Karnataka Road Development Corporation Limited
(A Government of Karnataka Enterprise)

PROJECT:-
THE CONSTRUCTION OF PROPOSED ELEVATED CORRIDORS WITH IN BENGALURU METROPOLITAN REGION, BENGALURU

TITLE:- PLAN AND PROFILE

PHASE:1 - PACKAGE:1
SECTION - 1
(FROM Km. 0+000 TO Km. 3+309)

DRG No.: BLR-ELV-HIG-PHASE:1-PACKAGE:1 (SH.03 OF 06)

REV. R0

DATE: FEB' 2019 | SCALE: | SIZE: A3

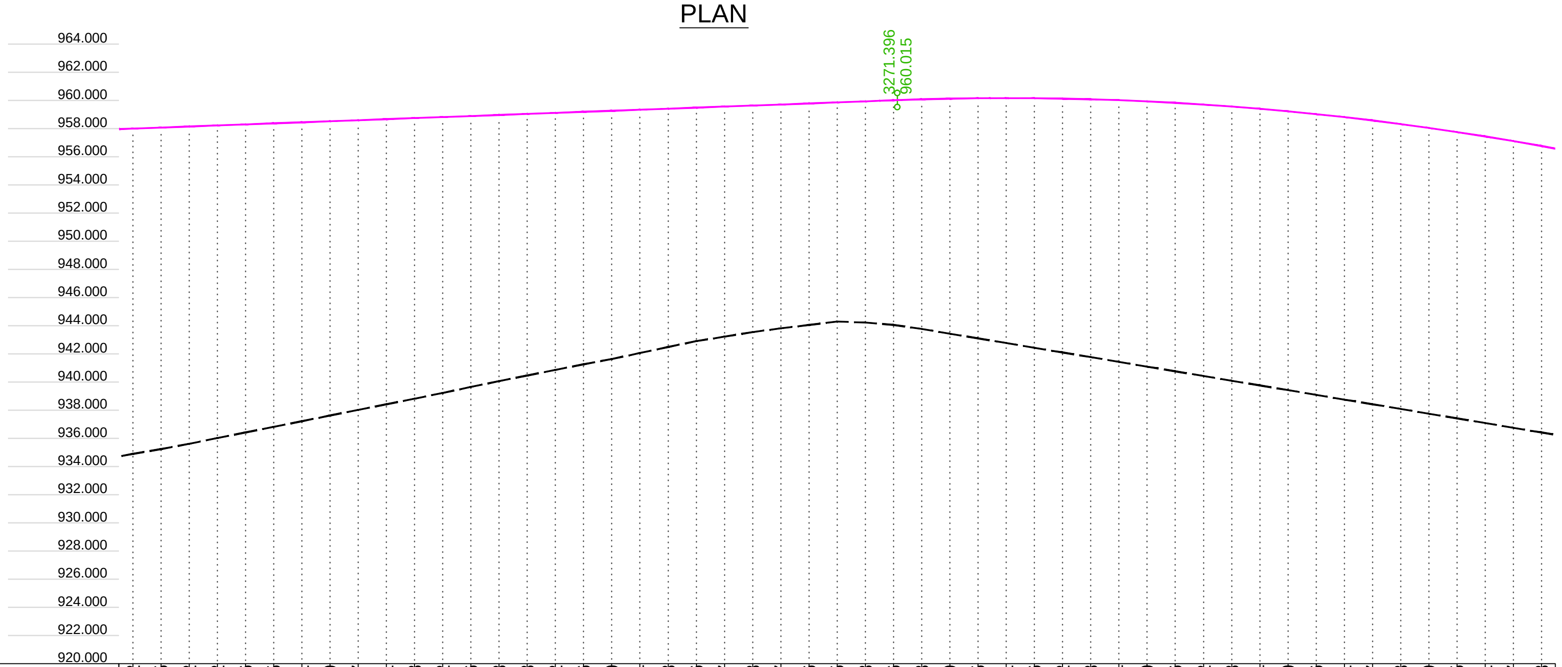
DRAWN	DESIGNED	CHECKED	APPROVED
MM	SAK	SR	SR

BAPTIST HOSPITAL

PHASE:1 - PACKAGE:1

CANTONMENT

PLAN



DATUM:

CHAINAGE	EXISTING ROAD/ GROUND LEVEL	FINISHED ROAD LEVEL
3000	934.902	957.996
3010	935.245	958.071
3020	935.622	958.145
3030	936.022	958.219
3040	936.426	958.294
3050	936.825	958.368
3060	937.221	958.443
3070	937.629	958.517
3080	938.027	958.591
3090	938.421	958.666
3100	938.818	958.740
3110	939.232	958.814
3120	939.656	958.889
3130	940.068	958.963
3140	940.468	959.038
3150	940.862	959.112
3160	941.266	959.186
3170	941.640	959.261
3180	942.064	959.335
3190	942.488	959.409
3200	942.906	959.484
3210	943.227	959.558
3220	943.548	959.632
3230	943.817	959.707
3240	944.056	959.781
3250	944.295	959.856
3260	944.233	959.930
3270	944.056	960.004
3280	943.773	960.072
3290	943.439	960.120
3300	943.105	960.150
3310	942.771	960.160
3320	942.436	960.152
3330	942.102	960.125
3340	941.768	960.078
3350	941.434	960.013
3360	941.100	959.929
3370	940.766	959.826
3380	940.432	959.703
3390	940.098	959.562
3400	939.764	959.402
3410	939.430	959.223
3420	939.096	959.025
3430	938.761	958.808
3440	938.427	958.572
3450	938.093	958.317
3460	937.759	958.043
3470	937.425	957.750
3480	937.091	957.438
3490	936.757	957.107
3500	936.423	956.757

VERTICAL ALIGNMENT: R=-5270.122 L=250.000

HORIZONTAL ALIGNMENT: D=346.379; R=-2000.000 L=170.416

PROFILE

REV	DATE	DESCRIPTION

CLIENT/OWNER:
Karnataka Road Development Corporation Limited
(A Government of Karnataka Enterprise)

PROJECT:-
THE CONSTRUCTION OF PROPOSED ELEVATED CORRIDORS WITH IN BENGALURU METROPOLITAN REGION, BENGALURU

TITLE:-
PLAN AND PROFILE

PHASE:1 - PACKAGE:1
SECTION - 1
(FROM Km. 0+000 TO Km. 3+309)

DRG No.: BLR-ELV-HIG-PHASE:1-PACKAGE:1 (SH.04 OF 06)

REV. R0

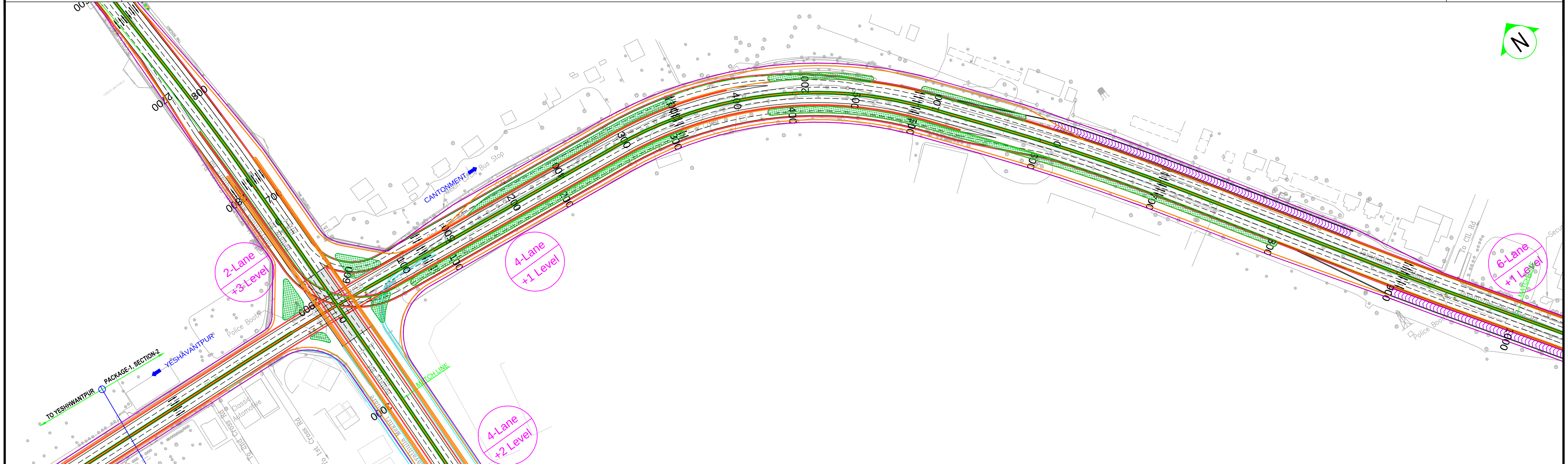
DATE: FEB' 2019

SCALE:

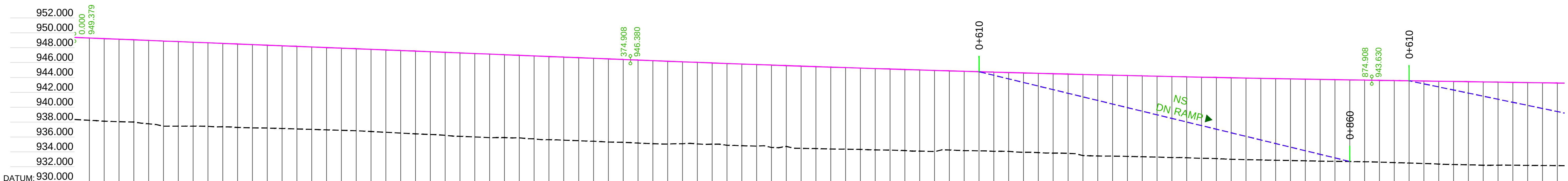
SIZE: A3

DRAWN	DESIGNED	CHECKED	APPROVED
MM	SAK	SR	SR

MEHKRI CIRCLE	PHASE:1 - PACKAGE:1	SHANTI NAGAR



PLAN



CHAINAGE	EXISTING ROAD/ GROUND LEVEL	1st LEVEL FINISHED ROAD LEVEL	2nd LEVEL FINISHED ROAD LEVEL
0	938.355	949.379	
10	938.243	949.299	
20	938.126	949.219	
30	938.062	949.139	
40	938.007	949.059	
50	937.774	948.979	
60	937.450	948.899	
70	937.450	948.819	
80	937.450	948.739	
90	937.436	948.659	
100	937.379	948.579	
110	937.288	948.499	
120	937.225	948.419	
130	937.200	948.339	
140	937.144	948.259	
150	937.083	948.179	
160	937.022	948.099	
170	936.961	948.019	
180	936.900	947.939	
190	936.840	947.859	
200	936.738	947.779	
210	936.633	947.699	
220	936.527	947.619	
230	936.424	947.539	
240	936.339	947.459	
250	936.230	947.379	
260	936.089	947.299	
270	936.007	947.219	
280	935.907	947.139	
290	935.920	947.059	
300	935.894	946.979	
310	935.752	946.899	
320	935.640	946.819	
330	935.578	946.739	
340	935.498	946.659	
350	935.430	946.579	
360	935.325	946.499	
370	935.284	946.419	
380	935.182	946.339	
390	935.106	946.260	
400	935.054	946.182	
410	935.090	946.105	
420	935.073	946.029	
430	935.036	945.954	
440	934.885	945.880	
450	934.832	945.807	
460	934.775	945.735	
470	934.596	945.664	
480	934.740	945.594	
490	934.476	945.525	
500	934.445	945.457	
510	934.388	945.390	
520	934.364	945.324	
530	934.332	945.259	
540	934.267	945.195	
550	934.238	945.132	
560	934.175	945.070	
570	934.109	945.009	
580	934.041	944.949	
590	934.254	944.890	
600	934.169	944.832	
610	934.141	944.775	
620	934.074	944.719	
630	934.073	944.664	
640	933.946	944.610	
650	933.901	944.557	
660	933.833	944.506	
670	933.803	944.455	
680	933.501	944.405	
690	933.450	944.356	
700	933.432	944.308	
710	933.394	944.261	
720	933.346	944.215	
730	933.302	944.170	
740	933.240	944.126	
750	933.214	944.083	
760	933.140	944.041	
770	933.095	944.000	
780	933.007	943.960	
790	932.955	943.921	
800	932.916	943.883	
810	932.877	943.846	
820	932.838	943.810	
830	932.798	943.775	
840	932.759	943.741	
850	932.729	943.708	
860	932.708	943.676	
870	932.673	943.645	
880	932.624	943.615	943.615
890	932.563	943.585	943.585
900	932.501	943.555	943.555
910	932.439	943.525	943.525
920	932.364	943.495	943.495
930	932.304	943.465	943.465
940	932.265	943.435	943.435
950	932.197	943.405	943.405
960	932.219	943.375	943.375
970	932.213	943.345	943.345
980	932.186	943.315	943.315
990	932.171	943.285	943.285
1000	932.157	943.255	943.255

1st LEVEL VERTICAL ALIGNMENT: G=-0.800% L=374.908 | R=100000.023 L=500.000

2nd LEVEL VERTICAL ALIGNMENT: (blank)

HORIZONTAL ALIGNMENT: D=254.228 | R=320.000 L=253.848 | D=49.116 | R=1800.000 L=166.549 | D=170.094 | R=-2000 =45.337 | D=95.214

PROFILE

REV	DATE	DESCRIPTION

CLIENT/OWNER:
Karnataka Road Development Corporation Limited
(A Government of Karnataka Enterprise)

PROJECT:-
THE CONSTRUCTION OF PROPOSED ELEVATED CORRIDORS WITH IN BENGALURU METROPOLITAN REGION, BENGALURU

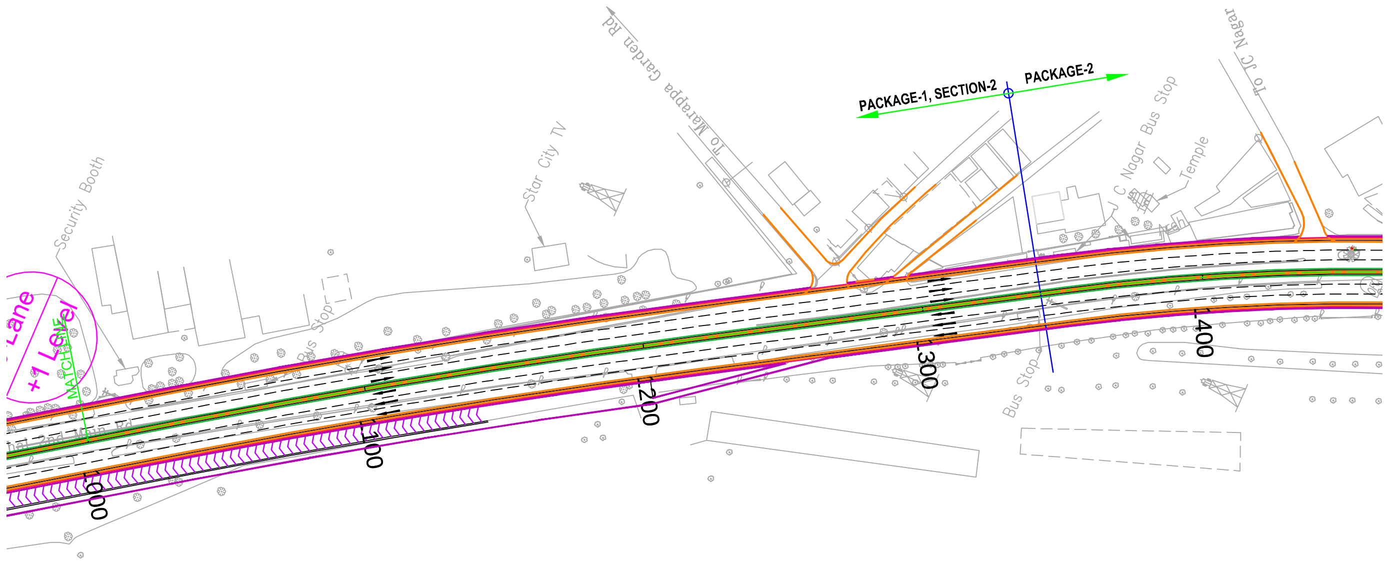
TITLE:- PLAN AND PROFILE
PHASE:1 - PACKAGE:1
SECTION - 2
(FROM Km. -0+145 TO Km. 1+341)

DRG No.: BLR-ELV-HIG-PHASE:1-PACKAGE:1 (SH.05 OF 06)				REV. R0
DATE: FEB' 2019		SCALE:		SIZE: A3
DRAWN	DESIGNED	CHECKED	APPROVED	
MM	SAK	SR	SR	

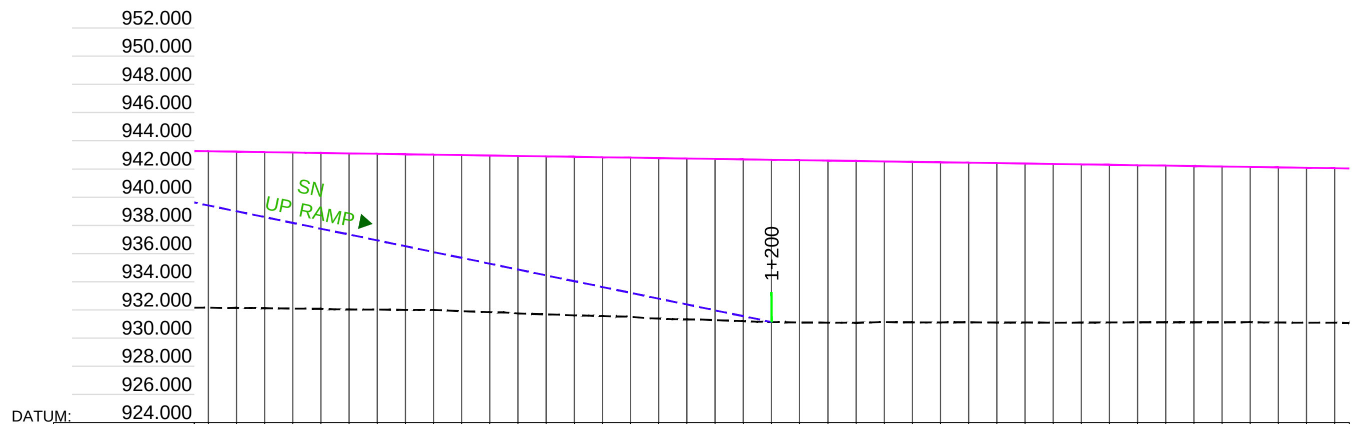
MEHKRI CIRCLE

PHASE:1 - PACKAGE:1

SHANTI NAGAR



PLAN



CHAINAGE	EXISTING ROAD/ GROUND LEVEL	1st LEVEL FINISHED ROAD LEVEL	2nd LEVEL FINISHED ROAD LEVEL
1000	932.157	943.255	943.255
1010	932.145	943.225	943.225
1020	932.124	943.195	943.195
1030	932.099	943.165	943.165
1040	932.078	943.135	943.135
1050	932.036	943.105	943.105
1060	932.019	943.075	943.075
1070	931.999	943.045	943.045
1080	932.004	943.015	943.015
1090	931.915	942.985	942.985
1100	931.842	942.955	942.955
1110	931.757	942.925	942.925
1120	931.683	942.895	942.895
1130	931.618	942.865	942.865
1140	931.568	942.835	942.835
1150	931.516	942.805	942.805
1160	931.388	942.775	942.775
1170	931.332	942.745	942.745
1180	931.281	942.715	942.715
1190	931.204	942.685	942.685
1200	931.145	942.655	942.655
1210	931.108	942.625	942.625
1220	931.098	942.595	942.595
1230	931.086	942.565	942.565
1240	931.145	942.535	942.535
1250	931.124	942.505	942.505
1260	931.117	942.475	942.475
1270	931.132	942.445	942.445
1280	931.109	942.415	942.415
1290	931.110	942.385	942.385
1300	931.096	942.355	942.355
1310	931.108	942.325	942.325
1320	931.114	942.295	942.295
1330	931.128	942.265	942.265
1340	931.130	942.235	942.235
1350	931.127	942.205	942.205
1360	931.126	942.175	942.175
1370	931.134	942.145	942.145
1380	931.116	942.115	942.115
1390	931.090	942.085	942.085
1400	931.092	942.055	942.055

1st LEVEL VERTICAL ALIGNMENT: G=-0.300% L=633.751

2nd LEVEL VERTICAL ALIGNMENT: G=-0.300% L=567.330

HORIZONTAL ALIGNMENT: .4 | R=3000.000 L=184.111 | D=131.889

PROFILE

REV	DATE	DESCRIPTION

CLIENT/OWNER:
Karnataka Road Development Corporation Limited
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PROJECT:-
THE CONSTRUCTION OF PROPOSED ELEVATED CORRIDORS WITH IN BENGALURU METROPOLITAN REGION, BENGALURU

TITLE:-
PHASE:1 - PACKAGE:1

PHASE:1 - PACKAGE:1
SECTION - 2
(FROM Km. -0+145 TO Km. 1+341)

DRG No.: BLR-ELV-HIG-PHASE:1-PACKAGE:1 (SH.06 OF 06) | REV. R0

DATE: FEB' 2019 | SCALE: | SIZE: A3

DRAWN	DESIGNED	CHECKED	APPROVED
MM	SAK	SR	SR