

**Maharashtra Metro Rail Corporation Limited**  
(A joint venture of Govt. of India & Govt. of Maharashtra)  
**Nagpur Metro Rail Project - Phase 2**

25 October 2023

**Corrigendum-VII**

**Tender No: N2-009/C-03/2023 dated 24-Jul-2023**

**Name of Work:** Design and Construction of Elevated Metro Viaduct of Length 6.414 km between Ch: 18218.586 m to Ch: 24633.194 m in Reach-3A of NMRP Phase-2

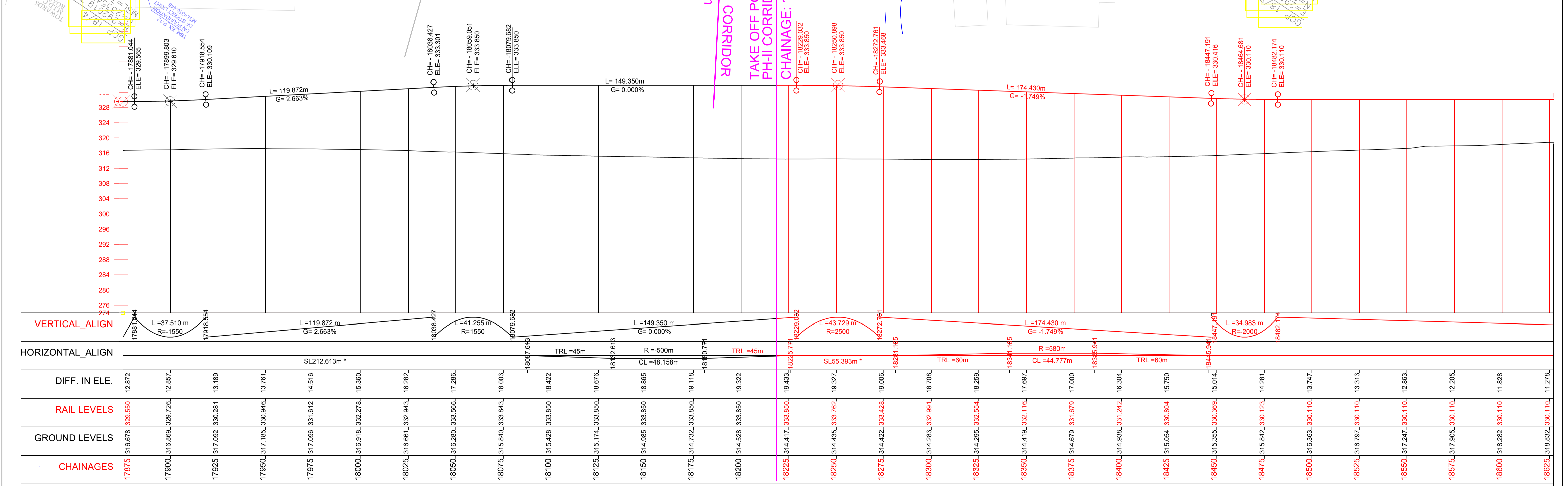
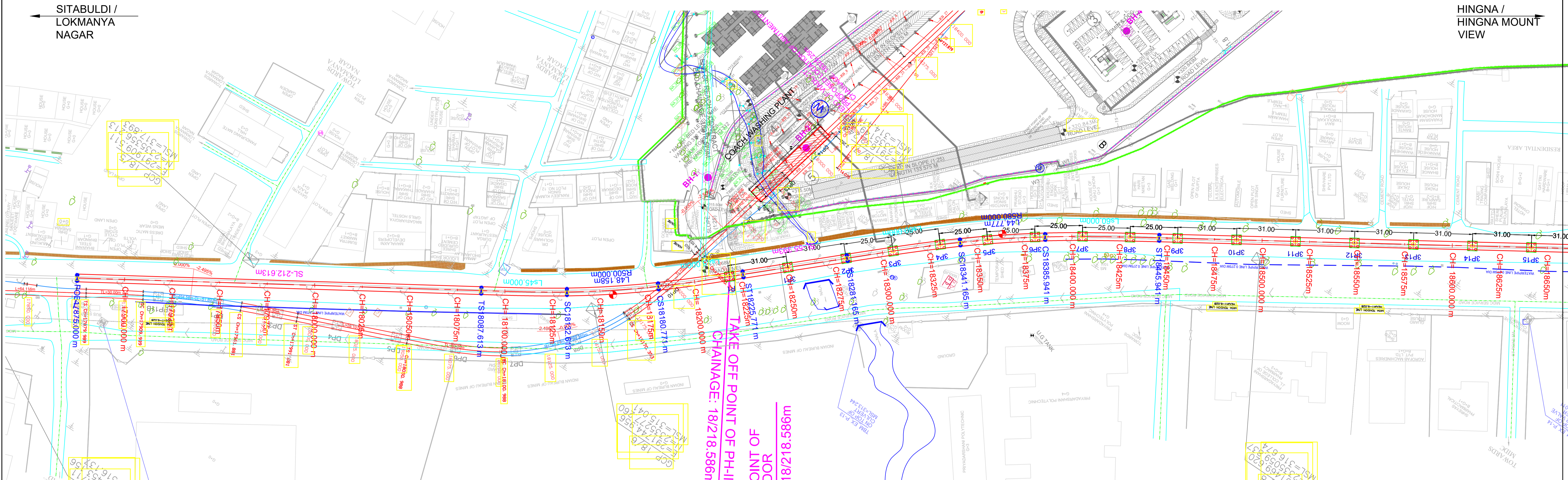
Following Modifications in the Bid Provisions shall apply:

Reference	Existing Provision	Revised Provision
Part-II, Works Requirement, Section VII-B, Employers Requirement – Functional, Cl. 2.1.1 (9)	Bidders have to make sure that while submitting their proposal and superstructure design, the rail levels as envisaged in GAD shall be final. Variation in the <b>range of <math>\pm 500\text{mm}</math> from rail level</b> provided in the GAD enclosed with the bid/tender drawings is deemed to be included in the lump sum portion of contract. Variation beyond this range shall be paid or deducted as the case may be. Only the increase/decrease in height of pier(s) (i.e. concrete and steel quantity) will be considered for either payment or rebate in this case. Difference between actual executed Rail levels and Rail levels as furnished in the GAD at each Pier location shall be considered to evaluate any variation arising on account of change in Rail level. <b>(As per Corrigendum-VI)</b>	Vertical profile as indicated in this tender drawing is based on GL/ Road Level as surveyed during preparation of DPR in 2018. However, Contractor will have to ascertain its final value and maintain the requisite minimum vertical clearance of 5.5m from existing/finished Road top level (as on date) in consonance with provision of IRC: 86-2018.
Note no. 2 in GAD	Vertical profile as indicated in this tender drawing is based on GL/Road Level as surveyed during preparation of DPR in 2018. However, Contractor will have to ascertain its final value and maintain the requisite vertical clearance of 5.5m from existing/finished Road top level (as on date) to soffit level of Metro Superstructure.	Vertical profile as indicated in this tender drawing is based on GL/ Road Level as surveyed during preparation of DPR in 2018. However, Contractor will have to ascertain its final value and maintain the requisite minimum vertical clearance of 5.5m from existing/finished Road top level (as on date) in consonance with provision of IRC: 86-2018.
GAD DWG NO. MM/PIg/NIT/NGP PH-II/3A/R1/2023	GAD - DWG NO. MM/PIg/NIT/NGP PH-II/3A/R1/2023 (Sheet 1 to 10) dated 11-Jul-23	Revised Drawings are attached with this corrigendum: GAD - DWG NO. MM/PIg/NIT/NGP PH-II/3A/R2/2023 (Sheet 1 to 10) dated 25-Oct-23

  
 Executive Director (Procurement)  
**Maha-Metro**

SITABULDI /  
LOKMANYA  
NAGAR

HINGNA /  
HINGNA MOUNT  
VIEW



Vertical Align	Horizontal Align	Diff. in Ele.	Rail Levels	Ground Levels	Chainages
17875	SL212.613m *	12.872	329.550	316.678	17875
17900		12.857	329.726	316.869	17900
17925		13.189	330.281	317.092	17925
17950		13.761	330.946	317.185	17950
17975		14.516	331.612	317.096	17975
18000		15.360	332.278	316.918	18000
18025		16.282	332.943	316.661	18025
18050		17.286	333.596	316.280	18050
18075		18.003	334.243	315.840	18075
18100		18.422	334.850	315.428	18100
18125		18.676	335.428	315.174	18125
18150		18.865	335.991	314.985	18150
18175		19.118	336.528	314.732	18175
18200		19.322	337.032	314.528	18200
18225		19.433	337.500	314.417	18225
18250		19.327	337.922	314.435	18250
18275		19.006	338.298	314.422	18275
18300		18.708	338.628	314.283	18300
18325		18.259	338.904	314.295	18325
18350		17.687	339.126	314.419	18350
18375		17.000	339.299	314.679	18375
18400		16.304	339.424	314.938	18400
18425		15.750	339.504	315.054	18425
18450		15.014	339.539	315.365	18450
18475		14.281	339.523	315.842	18475
18500		13.747	339.460	316.363	18500
18525		13.313	339.350	316.797	18525
18550		12.863	339.190	317.247	18550
18575		12.205	339.000	317.905	18575
18600		11.928	338.790	318.282	18600
18625		11.278	338.560	318.832	18625

**ELEVATED SECTION**

**Note:**

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महाराष्ट्र मेट्रो  
NAGPUR METRO

**MAHARASHTRA METRO RAIL CORPORATION LIMITED**  
METRO BHAVAN, INFRONT OF DR. BABASAHEB AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR- 4400010

Project Name: **NAGPUR METRO RAIL PROJECT PHASE-II**

TITLE: **PLAN & PROFILE OF REACH 3A (FOR TENDER PURPOSE ONLY)**

DWG NO. **MM/Plg/NIT/NGP PH-II/3A/R2/2023**

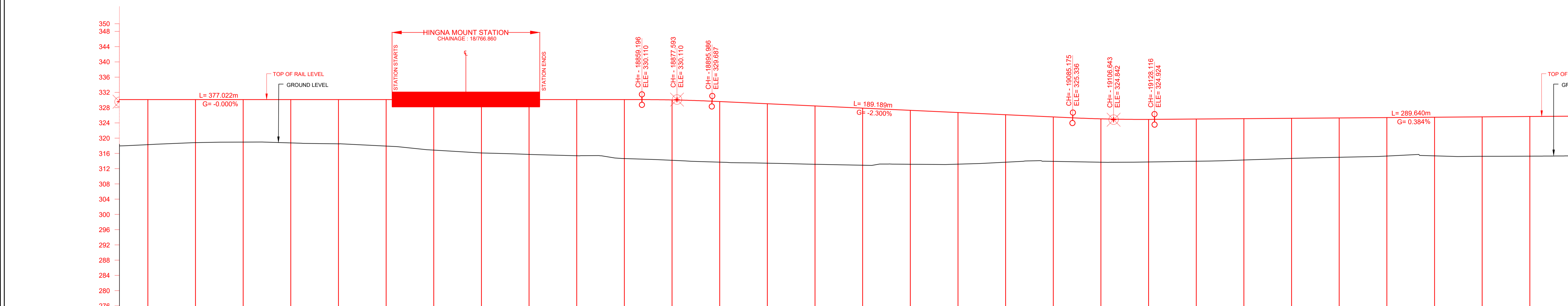
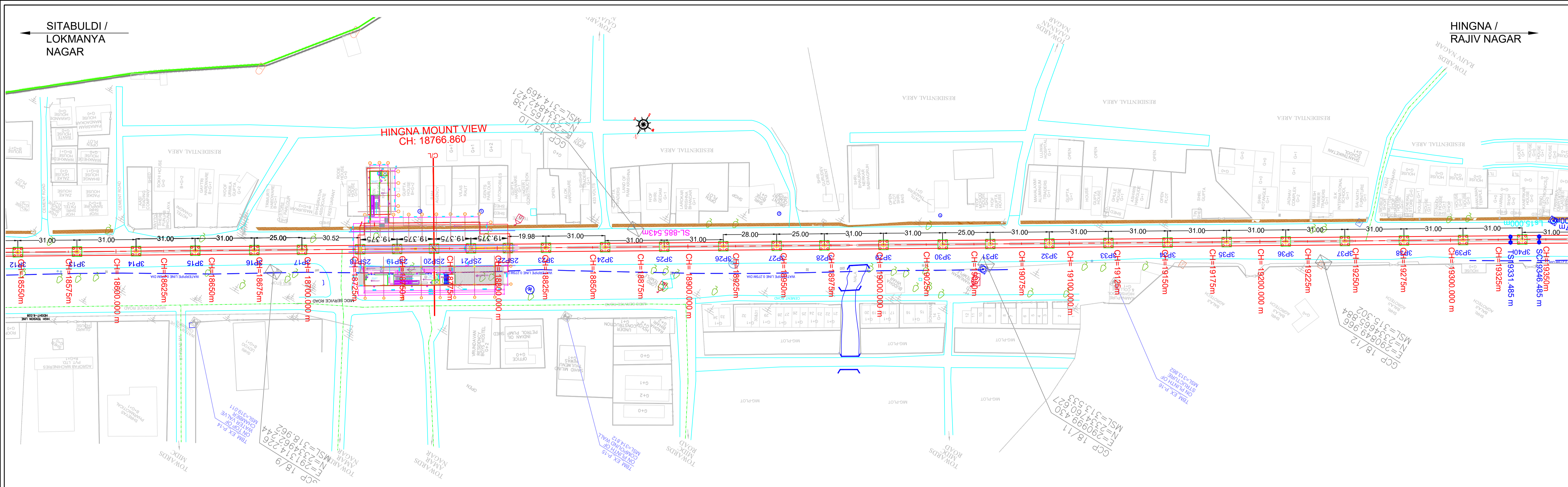
Updated Month: **October 2023**

Scale: **H=1:1000**  
V=1:500  
In A1 size

Revision No. **R02**

Revision date: **25/10/2023**

Sheet No.: **01 OF 10**



VERTICAL_ALIGN	L=377.022 m G=-0.000%		L=36.790 m R=1600		L=189.189 m G=-2.300%		L=42.941 m R=1600		L=289.640 m G=0.384%																							
HORIZONTAL_ALIGN	SL.885.543m*										TRL =15m																					
DIFF. IN ELE.	11.828	11.278	11.151	11.368	11.612	12.168	13.250	13.995	14.382	14.722	15.468	15.849	15.898	15.587	15.297	14.982	14.982	14.147	13.547	12.458	11.658	11.380	11.161	11.061	10.838	10.519	10.309	10.090	10.132	10.343	10.411	10.411
RAIL LEVELS	18600.318.282	18625.318.832	18650.318.959	18675.318.742	18700.318.498	18725.317.924	18750.316.880	18775.316.115	18800.315.728	18825.315.388	18850.314.644	18875.314.183	18900.313.697	18925.313.433	18950.313.148	18975.312.888	19000.313.148	19025.313.173	19050.313.689	19075.313.912	19100.313.683	19125.313.754	19150.313.948	19175.314.267	19200.314.682	19225.314.988	19250.315.303	19275.315.357	19300.315.242	19325.315.270	19350.315.270	
GROUND LEVELS	18600.318.282	18625.318.832	18650.318.959	18675.318.742	18700.318.498	18725.317.924	18750.316.880	18775.316.115	18800.315.728	18825.315.388	18850.314.644	18875.314.183	18900.313.697	18925.313.433	18950.313.148	18975.312.888	19000.313.148	19025.313.173	19050.313.689	19075.313.912	19100.313.683	19125.313.754	19150.313.948	19175.314.267	19200.314.682	19225.314.988	19250.315.303	19275.315.357	19300.315.242	19325.315.270	19350.315.270	
CHAINAGES	18600	18625	18650	18675	18700	18725	18750	18775	18800	18825	18850	18875	18900	18925	18950	18975	19000	19050	19075	19100	19125	19150	19175	19200	19225	19250	19275	19300	19325	19350		

**ELEVATED SECTION**

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NAGPUR METRO

**MAHARASHTRA METRO RAIL CORPORATION LIMITED**  
METRO BHAVAN, INFRONT OF DR. BABASAHEB AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR- 440010

Project Name: **NAGPUR METRO RAIL PROJECT PHASE-II**

TITLE: **PLAN & PROFILE OF REACH 3A (FOR TENDER PURPOSE ONLY)**

DWG NO. MM/PIg/NIT/NGP PH-II/3A/R2/2023

Updated Month: **October 2023**

Scale: H=1:1000, V=1:500, In A1 size

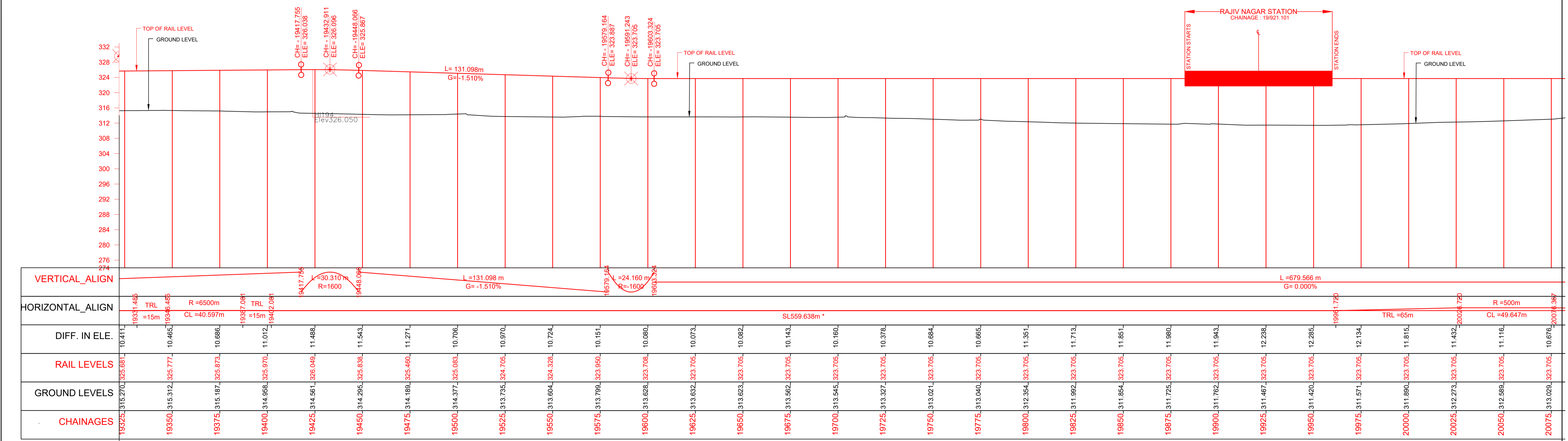
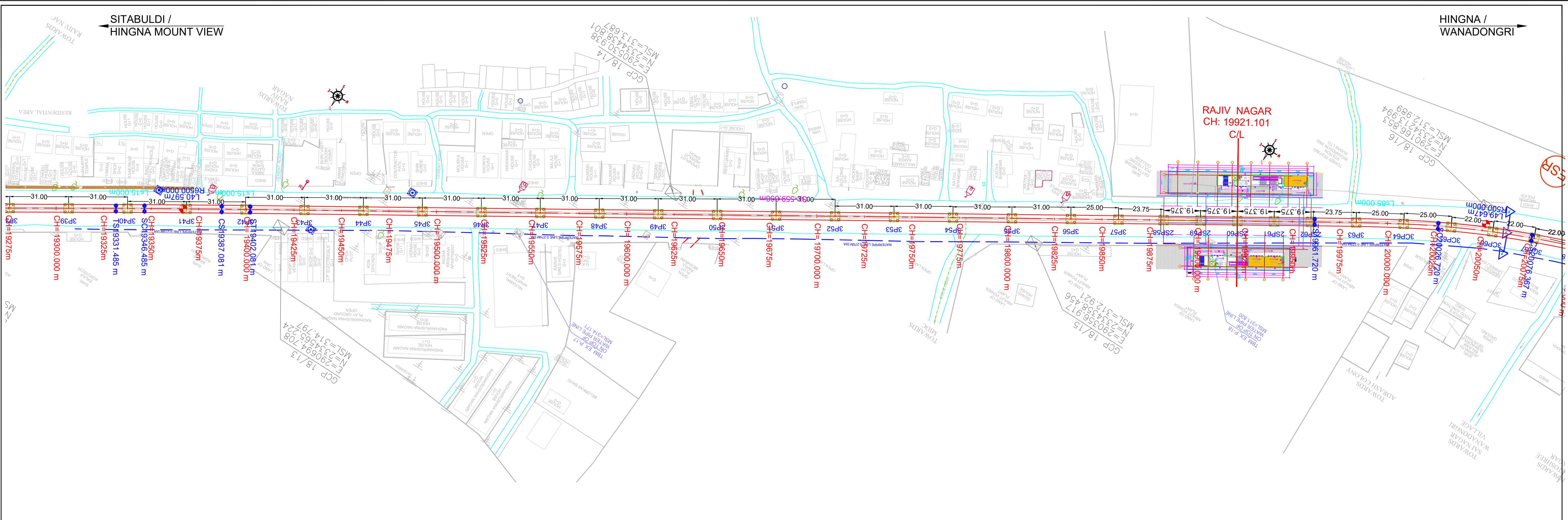
Revision No. **R02**

Revision date: **25/10/2023**

18600M TO 19325M

**HINGNA DEPOT TO HINGNA (3A)**

SHEET NO.: **02 OF 10**



**ELEVATED SECTION**

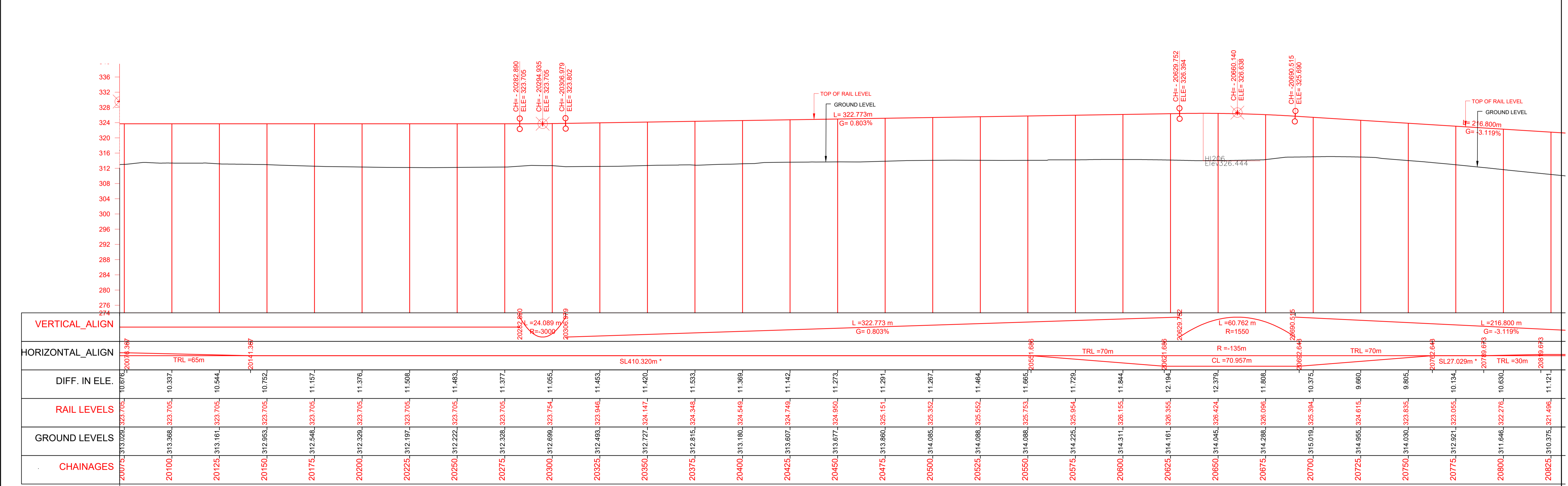
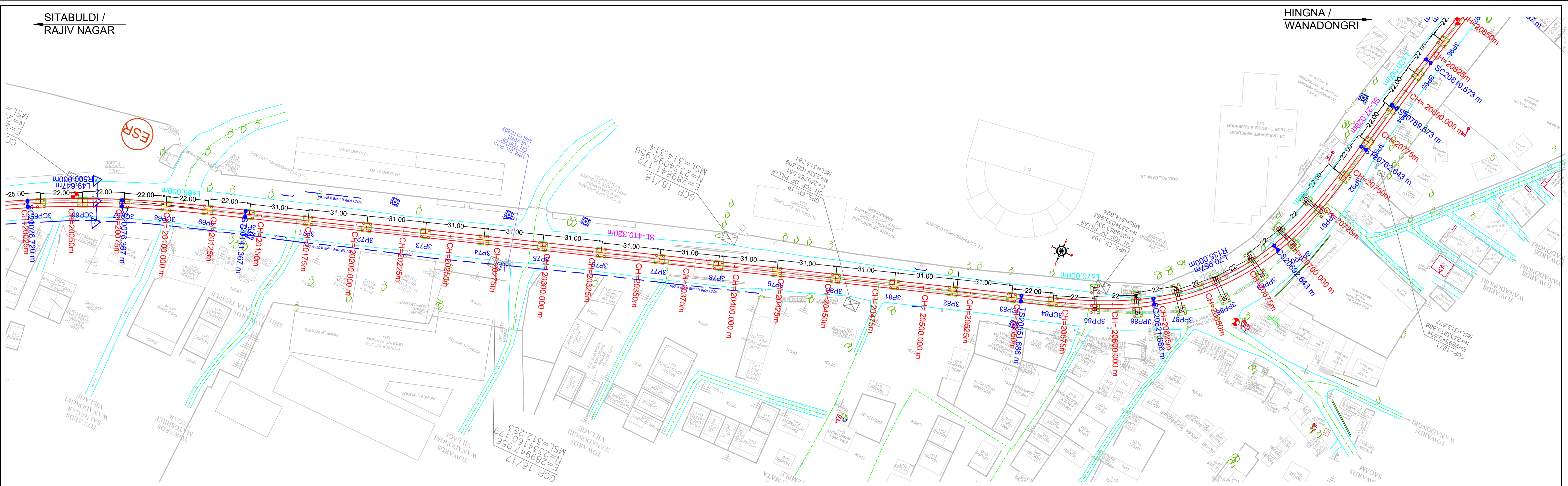
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**MAHARASHTRA METRO RAIL CORPORATION LIMITED**  
 METRO BHAVAN, INFRONT OF DR. BABASAHEB AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR- 4400010

**Project Name: NAGPUR METRO RAIL PROJECT PHASE-II**  
**TITLE: PLAN & PROFILE OF REACH 3A (FOR TENDER PURPOSE ONLY)**  
 DWG NO. MM/Plg/NIT/NGP PH-II/3A/R2/2023

Updated Month	October 2023	19325M TO 20075M
Scale	H=1:1000 V=1:500 In A1 size	Revision No. R02
Revision No.	R02	Revision date 25/10/2023
HINGNA DEPOT TO HINGNA (3A)		SHEET NO.: 03 OF 10




CHAINAGES	GROUND LEVELS	RAIL LEVELS	DIFF. IN ELE.	HORIZONTAL_ALIGN	VERTICAL_ALIGN
20075	313.029	323.705	10.676	20075.367	
20100	313.368	323.705	10.337	TRL=65m	
20125	313.161	323.705	10.544		
20150	312.953	323.705	10.752	-2014.1367	
20175	312.546	323.705	11.157		
20200	312.329	323.705	11.376		
20225	312.197	323.705	11.508		
20250	312.222	323.705	11.483		
20275	312.328	323.705	11.377		
20300	312.699	323.754	11.055		
20325	312.493	323.946	11.453		
20350	312.727	324.147	11.420	SL410.320m *	
20375	312.815	324.348	11.533		
20400	313.180	324.549	11.369		
20425	313.607	324.749	11.142		
20450	313.677	324.950	11.273		
20475	313.860	325.151	11.291		
20500	314.085	325.352	11.267		
20525	314.088	325.552	11.464		
20550	314.088	325.753	11.665		
20575	314.225	325.954	11.729		
20600	314.311	326.155	11.844		
20625	314.161	326.355	12.194		
20650	314.045	326.424	12.379		
20675	314.288	326.096	11.808		
20700	315.019	325.394	10.375		
20725	314.955	324.615	9.660		
20750	314.030	323.835	9.805		
20775	312.921	323.055	10.134		
20800	311.646	322.276	10.630		
20825	310.375	321.496	11.121		

**ELEVATED SECTION**

**Note:-**

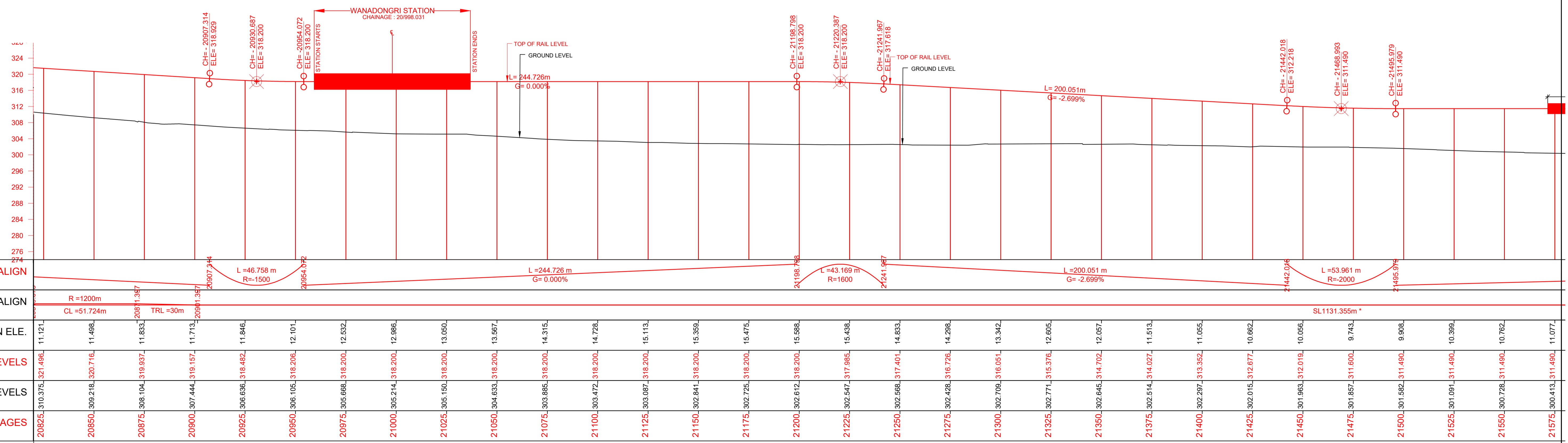
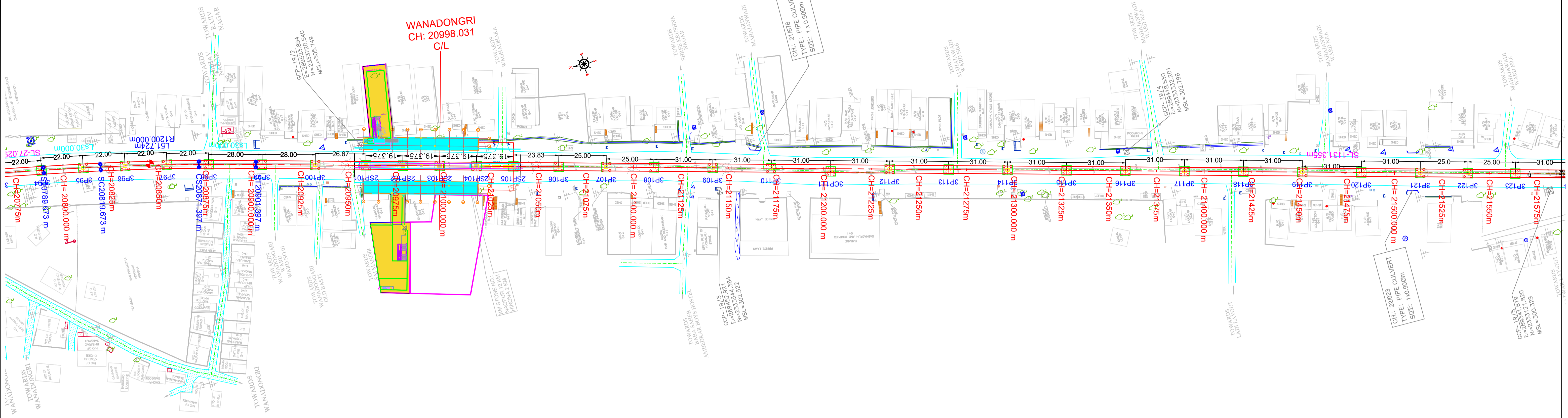
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**MAHARASHTRA METRO RAIL CORPORATION LIMITED**  
 METRO BHAVAN, INFRONT OF DR. BABASAHEB AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR- 440010

Project Name: **NAGPUR METRO RAIL PROJECT PHASE-II**  
 TITLE: **PLAN & PROFILE OF REACH 3A (FOR TENDER PURPOSE ONLY)**  
 DWG NO. MM/Plg/NIT/NGP PH-II/3A/R2/2023  
 Updated Month: **October 2023**  
 Scale: H=1:1000, V=1:500, in A1 size  
 Revision No. **R02**  
 Revision date: **25/10/2023**  
 SHEET NO.: **04 OF 10**

SITABULDI /  
RAJIV NAGAR

HINGNA /  
APMC



**ELEVATED SECTION**

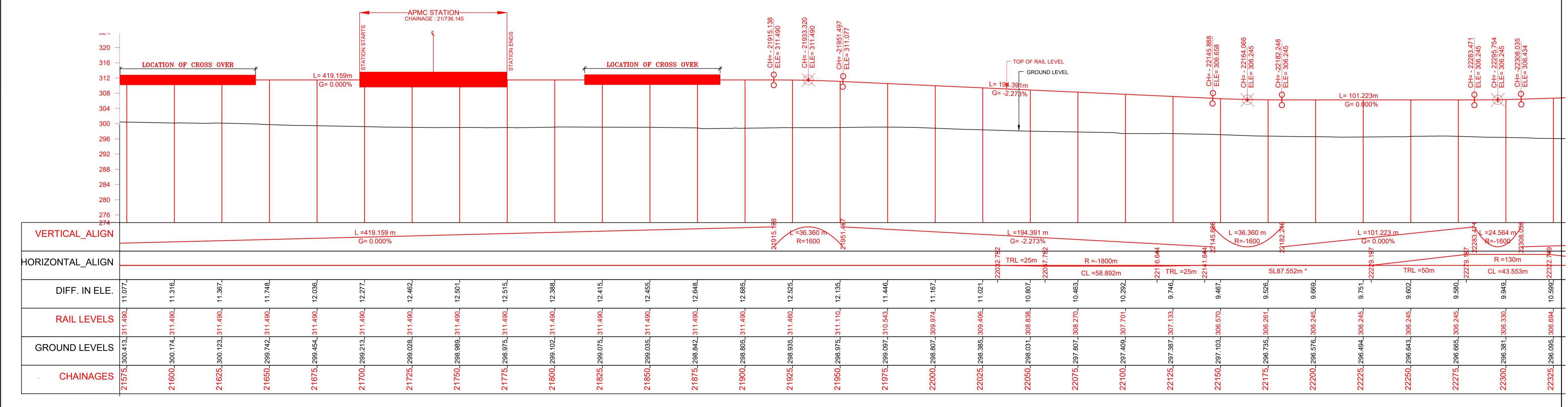
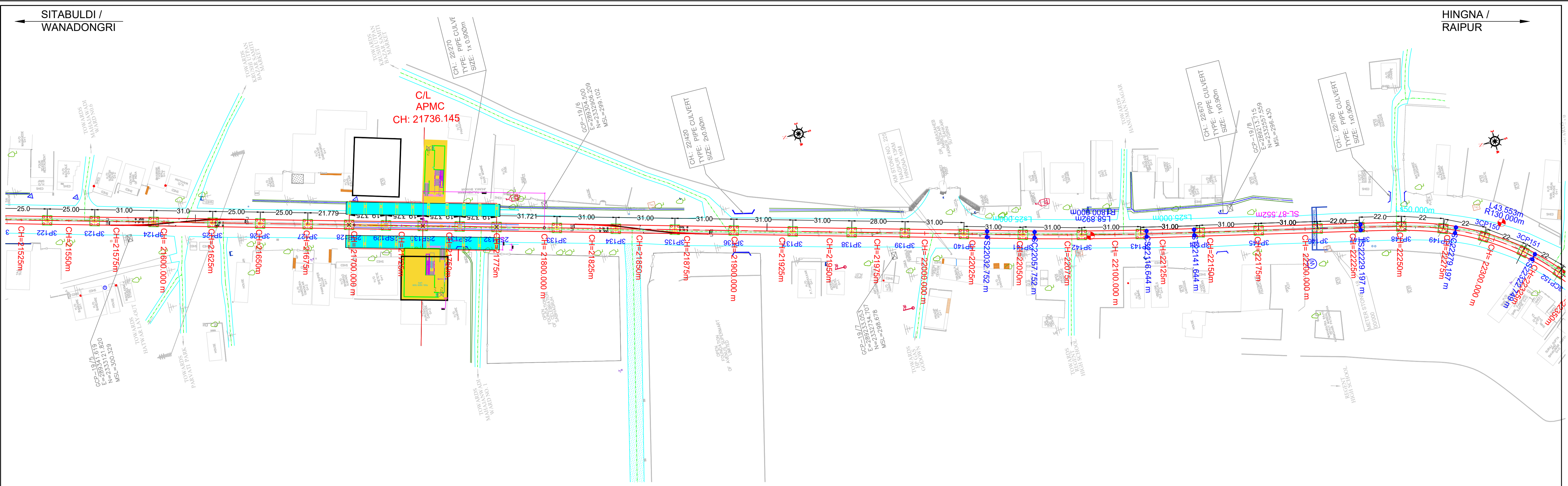
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NAGPUR METRO

**MAHARASHTRA METRO RAIL CORPORATION LIMITED**  
METRO BHAVAN, INFRONT OF DR. BABASAHEB AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR- 4400010

Project Name: <b>NAGPUR METRO RAIL PROJECT PHASE-II</b>	
TITLE: <b>PLAN &amp; PROFILE OF REACH 3A (FOR TENDER PURPOSE ONLY)</b>	Updated Month: <b>October 2023</b>
DWG NO. <b>MM/Plg/NIT/NGP PH-II/3A/R2/2023</b>	Revision No. <b>R02</b>
Scale: <b>H=1:1000, V=1:500, In A1 size</b>	Revision date: <b>25/10/2023</b>
SHEET NO.: <b>05 OF 10</b>	



**ELEVATED SECTION**

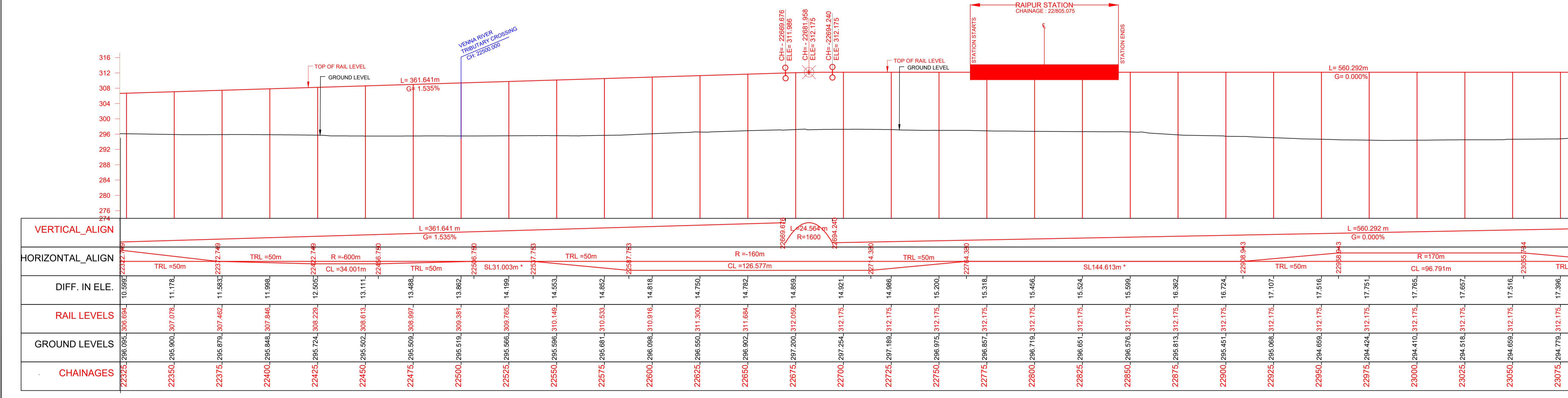
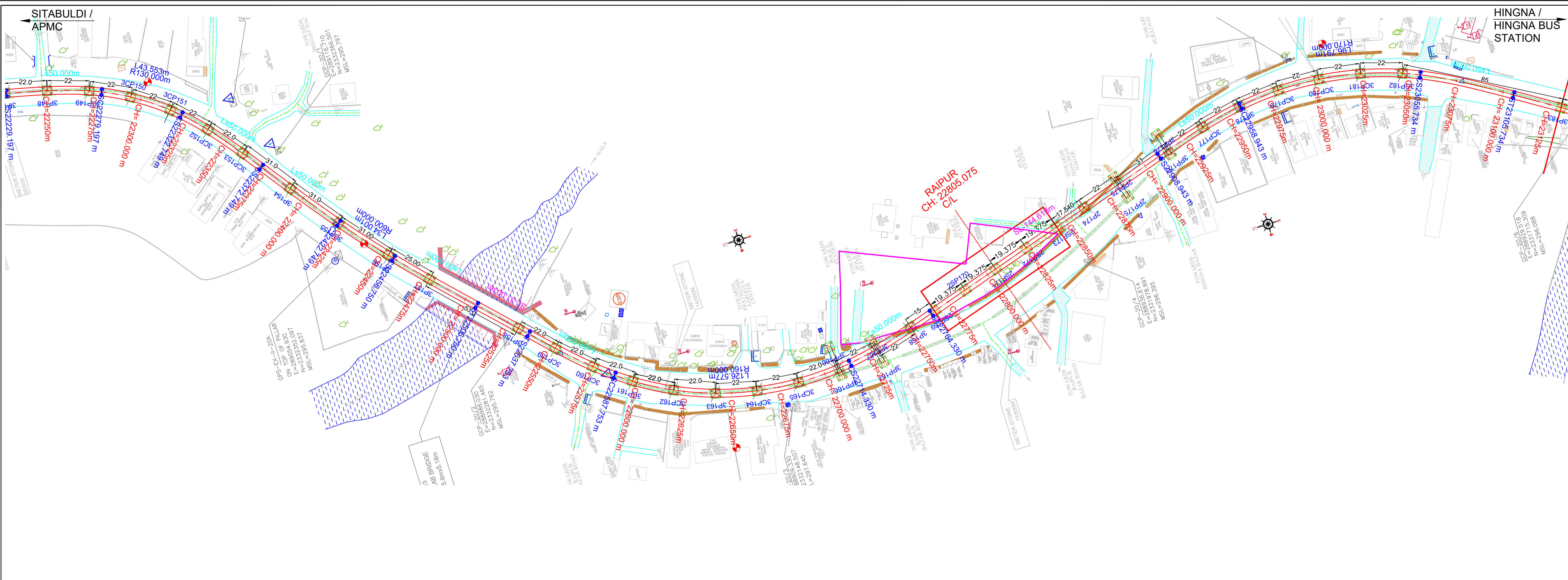
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 METRO BHAVAN, INFRONT OF DR. BABASAHEB AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR- 4400010

**Project Name: NAGPUR METRO RAIL PROJECT PHASE-II**  
**TITLE: PLAN & PROFILE OF REACH 3A (FOR TENDER PURPOSE ONLY)**  
 DWG NO. MM/Plg/NIT/NGP PH-II/3A/R2/2023


Updated Month	October 2023	21575M TO 22325M
Scale	H=1:1000 M AT SIZE	Revision No. R02
Revision No.	R02	Revision date
		25/10/2023
HINGNA DEPOT TO HINGNA (3A)		SHEET NO.: 06 OF 10



**ELEVATED SECTION**

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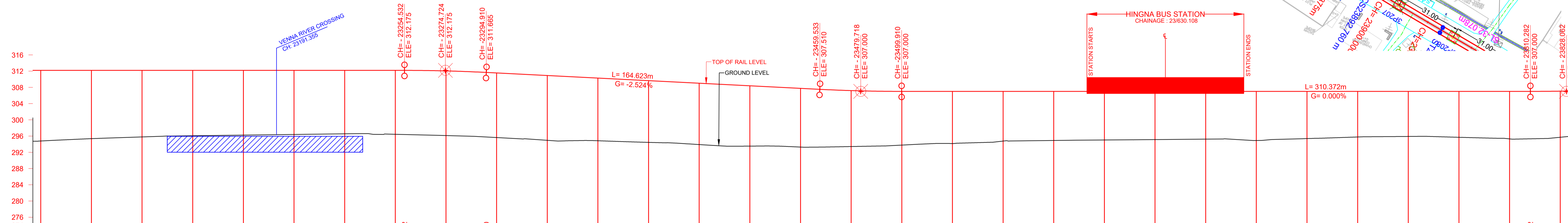
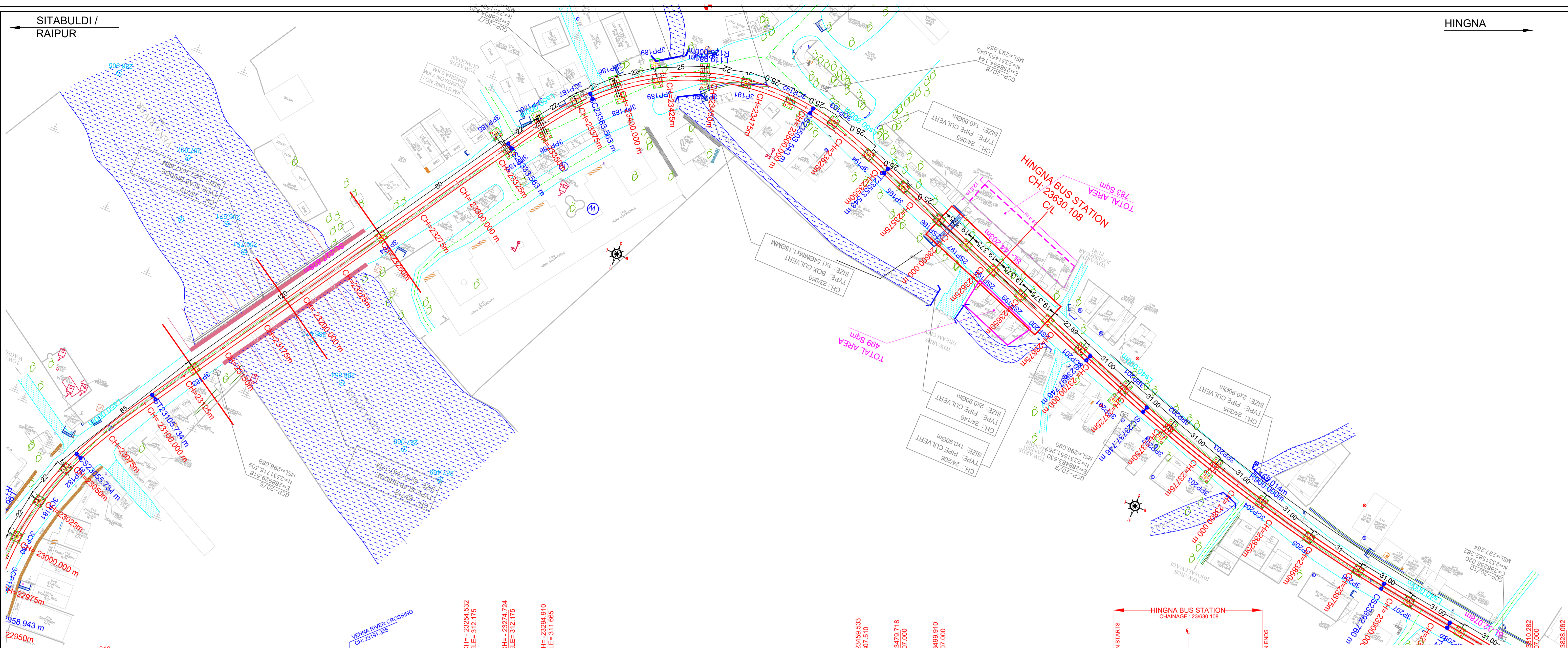

**MAHARASHTRA METRO RAIL CORPORATION LIMITED**  
 METRO BHAVAN, INFRONT OF DR. BABASAHEB AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR- 4400010

Project Name: <b>NAGPUR METRO RAIL PROJECT PHASE-II</b>		
TITLE: <b>PLAN &amp; PROFILE OF REACH 3A (FOR TENDER PURPOSE ONLY)</b>		
Updated Month: <b>October 2023</b>	Revision No. <b>R02</b>	Revision date <b>25/10/2023</b>
DWG NO. <b>MM/Plg/NIT/NGP PH-II/3A/R2/2023</b>	SHEET NO.: <b>07 OF 10</b>	



SITABULDI / RAIPUR

HINGNA



VERTICAL_ALIGN	HORIZONTAL_ALIGN	DIFF. IN ELE.	RAIL LEVELS	GROUND LEVELS	CHAINAGES
	TRL = 50m	17.396L	312.175	294.779	23075
		16.815	312.175	295.360	23100
		16.390L	312.175	295.785	23125
		16.106L	312.175	296.069	23150
		15.946L	312.175	296.229	23175
		15.786L	312.175	296.389	23200
		15.626L	312.175	296.549	23225
		15.749L	312.175	296.426	23250
		15.928L	312.044	296.116	23275
		15.911L	311.537	295.626	23300
		15.959L	310.906	294.947	23325
		15.434L	310.275	294.841	23350
		15.205L	309.644	294.439	23375
		15.112L	309.012	293.900	23400
		14.866L	308.381	293.515	23425
		14.468L	307.750	293.282	23450
		13.780L	307.194	293.414	23475
		13.231L	307.000	293.769	23500
		12.843L	307.000	294.157	23525
		12.400L	307.000	294.760	23550
		12.087L	307.000	294.913	23575
		11.967L	307.000	295.033	23600
		11.876L	307.000	295.124	23625
		11.755L	307.000	295.245	23650
		12.103L	307.000	294.887	23675
		11.622L	307.000	295.378	23700
		11.230L	307.000	295.770	23725
		11.100L	307.000	295.900	23750
		11.309L	307.000	295.691	23775
		11.701L	307.000	295.289	23800
		11.355L	307.054	295.689	23825

**ELEVATED SECTION**

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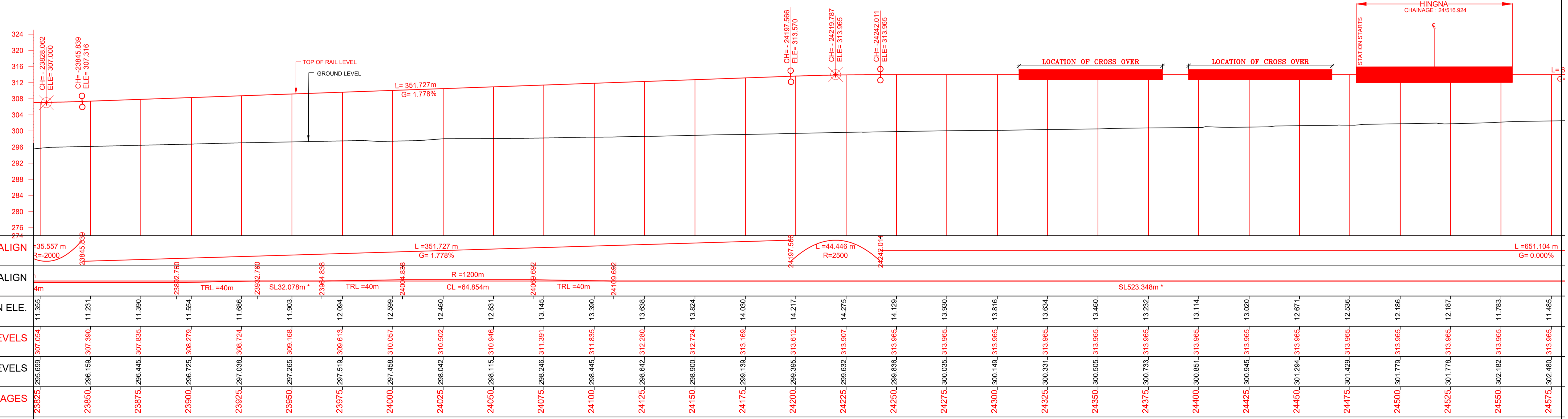
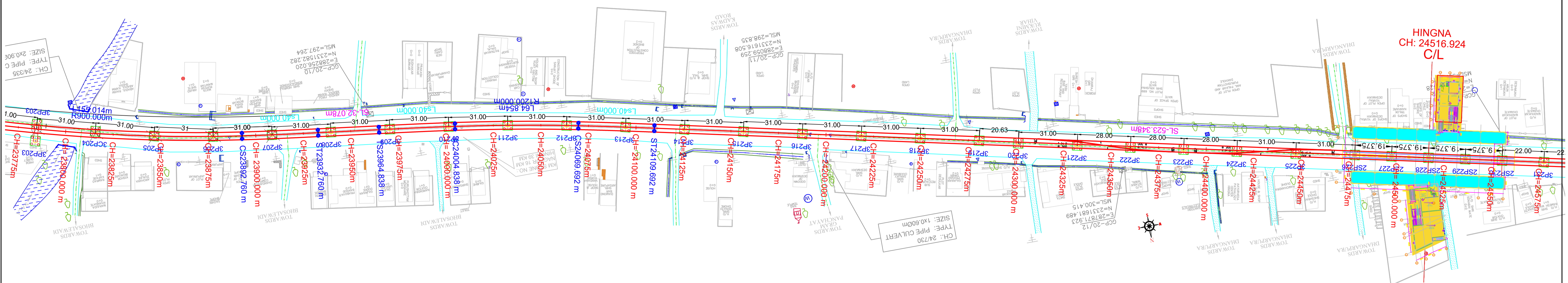
**माहॉ मेट्रो**  
  
**MAHARASHTRA METRO RAIL CORPORATION LIMITED**  
**METRO BHAVAN, INFRONT OF DR. BABASAHEB AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR- 4400010**

**Project Name: NAGPUR METRO RAIL PROJECT PHASE-II**

**TITLE: PLAN & PROFILE OF REACH 3A (FOR TENDER PURPOSE ONLY)**

DWG NO. MM/Plg/NIT/NGP PH-II/3A/R2/2023


Updated Month	October 2023	23075M TO 23825M
Scale	H=1:1000 V=1:500 in A1 size	Revision No. R02
Revision date	25/10/2023	SHEET NO.: 08 OF 10



**ELEVATED SECTION**

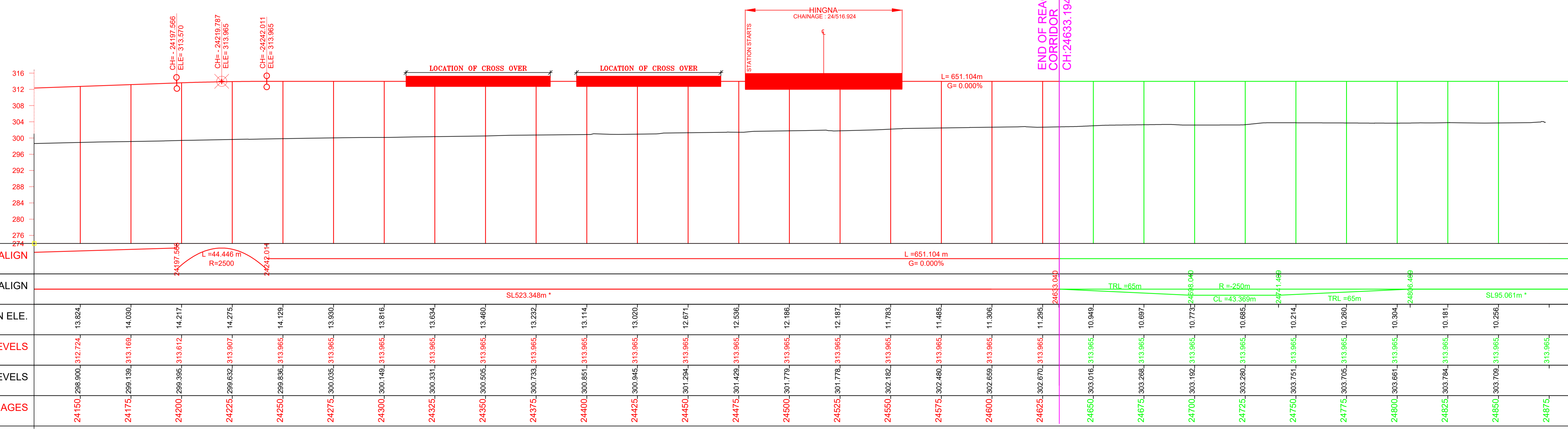
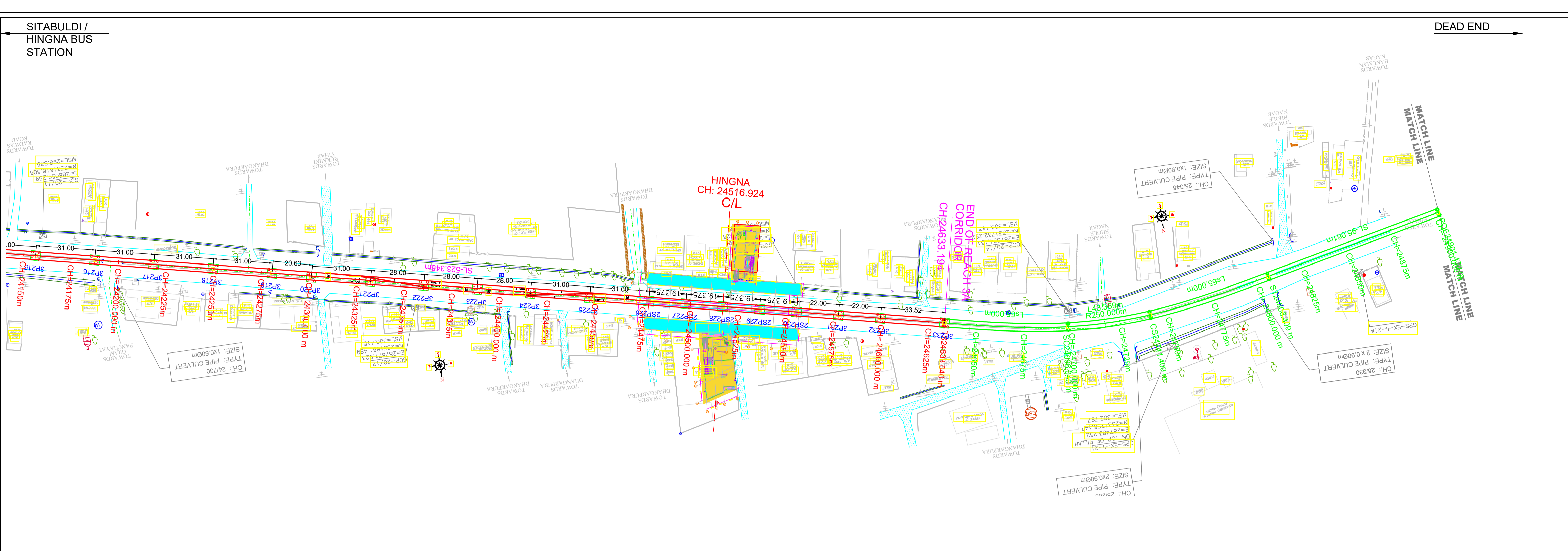
**Note:-**

- The drawings are based on the data available with Maha-Metro and are for reference purpose only. The bidder should verify the site on his own before submitting the bid.
- Vertical profile as indicated in this tender drawing is based on GL/Road Level as surveyed during preparation of DPR in 2018. However, Contractor will have to ascertain its final value and maintain the requisite minimum vertical clearance of 5.5m from existing/finished Road top level (as on date) in consonance with provision of IRC: 86-2018.
- GAD furnished contains tentative span configuration proposed by the employer. However, Contractor shall put forward proposed span configuration before execution. Prior approval of Employer as specified in the bid document is required.


**MAHARASHTRA METRO RAIL CORPORATION LIMITED**  
 METRO BHAVAN, INFRONT OF DR. BABASAHEB AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR- 4400010

Project Name: **NAGPUR METRO RAIL PROJECT PHASE-II**  
 TITLE: **PLAN & PROFILE OF REACH 3A (FOR TENDER PURPOSE ONLY)**  
 DWG NO. **MM/Plg/NIT/NGP PH-II/3A/R2/2023**

Updated Month	October 2023	23825M TO 24575M
Scale	H=1:1000 V=1:500 In A1 size	Revision No. <b>R02</b>
Revision No.	<b>R02</b>	Revision date <b>25/10/2023</b>
HINGNA DEPOT TO HINGNA (3A)		SHEET NO.: <b>09 OF 10</b>



VERTICAL_ALIGN	L=44.446 m R=2500		L=651.104 m G=0.000%		
HORIZONTAL_ALIGN	SL523.348m *		TR1=65m, R=250m, CL=43.369m, TR1=65m, SL95.061m *		
DIFF. IN ELE.	13.824	14.030	14.217	14.275	14.129
RAIL LEVELS	312.724	313.169	313.612	313.907	313.965
GROUND LEVELS	298.900	299.139	299.395	299.632	299.836
CHAINAGES	24150	24175	24200	24225	24250

**ELEVATED SECTION**

**Note:-**

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**महाराष्ट्र मेट्रो**  
  
**MAHARASHTRA METRO RAIL CORPORATION LIMITED**  
**METRO BHAVAN, INFRONT OF DR. BABASAHEB AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR- 4400010**

**Project Name: NAGPUR METRO RAIL PROJECT PHASE-II**

**TITLE: PLAN & PROFILE OF REACH 3A (FOR TENDER PURPOSE ONLY)**

DWG NO. MM/Plg/NIT/NGP PH-II/3A/R2/2023

Updated Month: **October 2023**

Scale: H=1:1000, V=1:500, In A1 size

Revision No. **R02**

Revision date: **25/10/2023**

24150M TO 24633.194M

SHEET NO.: **10 OF 10**