

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

27 October 2023

Corrigendum-II

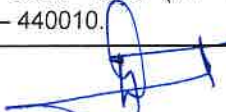
Tender No: N2-010/C-04/2023 dated 07-Sep-2023

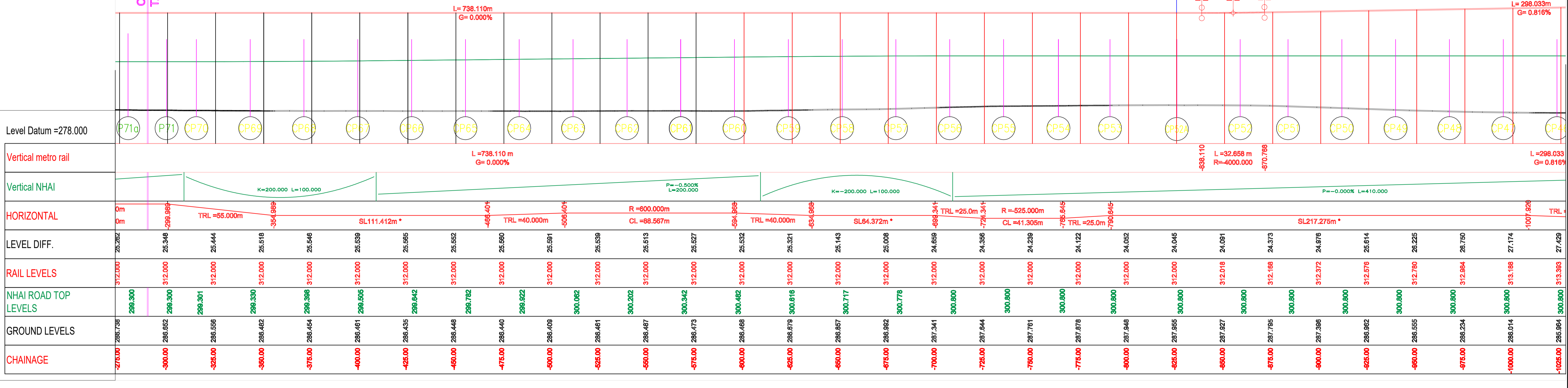
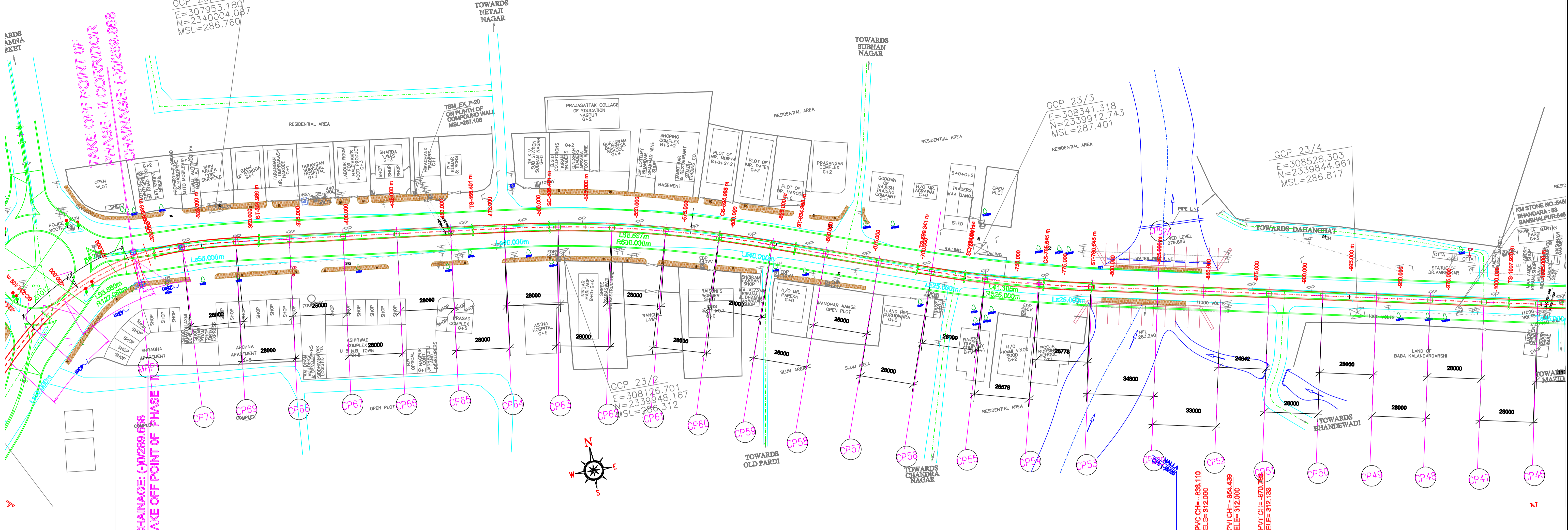
Name of Work: Design and Construction of Elevated Metro Viaduct of length 5.333 km between Ch. (-)289.668 m to Ch. (-)5622.577 m in Reach 4A of NMRP Phase-2

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 (8) | Bidders have to make sure that while submitting their proposal and superstructure design, the rail levels as envisaged in GAD shall be final. However, in case of any unforeseen circumstances resulting in change of rail level, variation in the range of ± 200 mm from rail level 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. | Bidders while submitting their proposal and superstructure design shall note that, the vertical profile as indicated in the tender drawing (GAD) is based on GL/Road Level as surveyed during preparation of DPR in 2018. Maha-Metro Doesn't own any responsibility for the accuracy of the same, Contractor will have to ascertain its final value and maintain the requisite minimum vertical clearance of 5.5m from as built flyover Road top level (as on date of construction) in consonance with provision of IRC: 86-2018 from CH: (-)289.668 to (-)2250.000. Also, From CH: (-)2250 to CH: (-) 5560.827 shall maintain minimum vertical clearance of 5.8m from the existing road level. |
| 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 the tender drawing is based on GL/Road Level as surveyed during preparation of DPR in 2018. Maha-Metro Doesn't own any responsibility for the accuracy of the same, Contractor will have to ascertain its final value and maintain the requisite minimum vertical clearance of 5.5m from as built flyover Road top level (as on date of construction) in consonance with provision of IRC: 86-2018 from CH: (-)289.668 to (-)2250.000. Also, From CH: (-)2250 to CH: (-) 5560.827 shall maintain minimum vertical clearance of 5.8m from the existing road level. |
| GAD DWG NO. MM/PIg/NIT/NGP PH-II/4A/R1/2023 | GAD - DWG NO. MM/PIg/NIT/NGP/PH-II/4A/R1/2023 (Sheet 1 to 8) dated 12-July-23 | Revised Drawings are attached with this corrigendum: GAD - DWG NO. MM/PIg/NIT/NGP/PH-II/4A/R2/2023 (Sheet 1 to 8) dated 26-Oct-23 |
| NIT: Date & Time of Submission of Tender | Online submission up till 16.00 Hrs. on Dt. 01/11/2023 on Maha-Metro, e tender portal. | Online submission up till 16.00 Hrs. on Dt. 07/11/2023 on Maha-Metro, e tender portal. |
| NIT: Date & Time of Opening of Tender | On Dt. 01/11/2023 after 16.30 Hours in Procurement Department, 1st Floor, "Metro Bhawan" East High Court Road (VIP Road), Near Dikshabhoomi, Ramdaspath, Nagpur – 440010. | On Dt. 07/11/2023 after 16.30 Hours in Procurement Department, 1st Floor, "Metro Bhawan" East High Court Road (VIP Road), Near Dikshabhoomi, Ramdaspath, Nagpur – 440010. |




 27/10/2023
 Executive Director(Procurement)
Maha-Metro



ELEVATED SECTION

--- ROW
--- CL OF TRACK
--- SPL OF ROADWAY
--- CL OF TRACK
--- ROW

Note:

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- 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- 440010

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

TITLE: **PLAN & PROFILE OF REACH 4A**
(FOR TENDER PURPOSE ONLY)

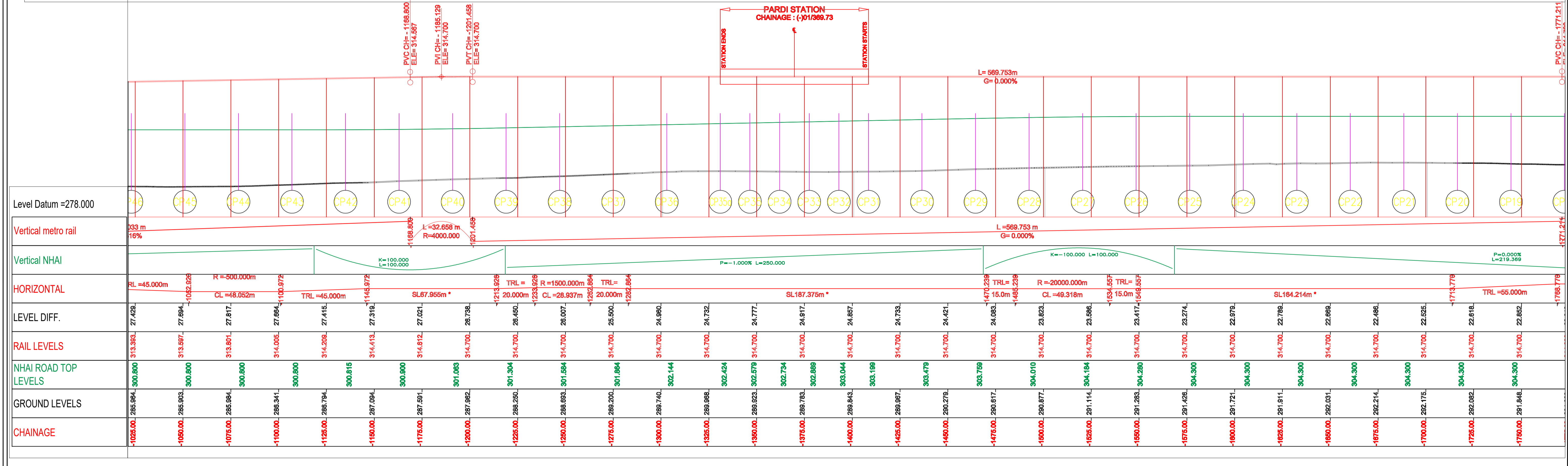
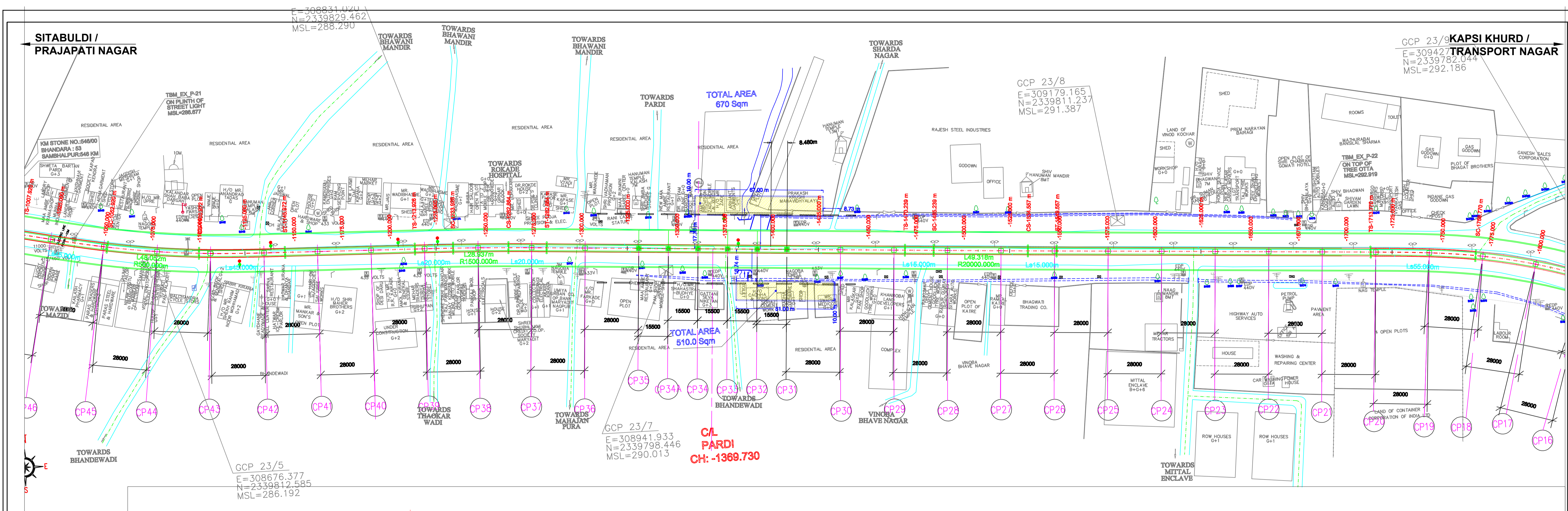
DWG NO. **MM/Pig/NIT/NGP/P-II/4A/R2/2023**

Updated Month: **October 2023**

Scale: H=1:1000 V=1:500
Print in A1 Size

Revision No. **R02** Revision date **26/10/2023**

PRAJAPATI NAGAR TO TRANSPORT NAGAR (4A) SHEET NO.: **01 OF 08**



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 4A**
(FOR TENDER PURPOSE ONLY)

DWG NO. **MM/Pig/NIT/NGP/P-II/4A/R2/2023**

Updated Month: **October 2023**

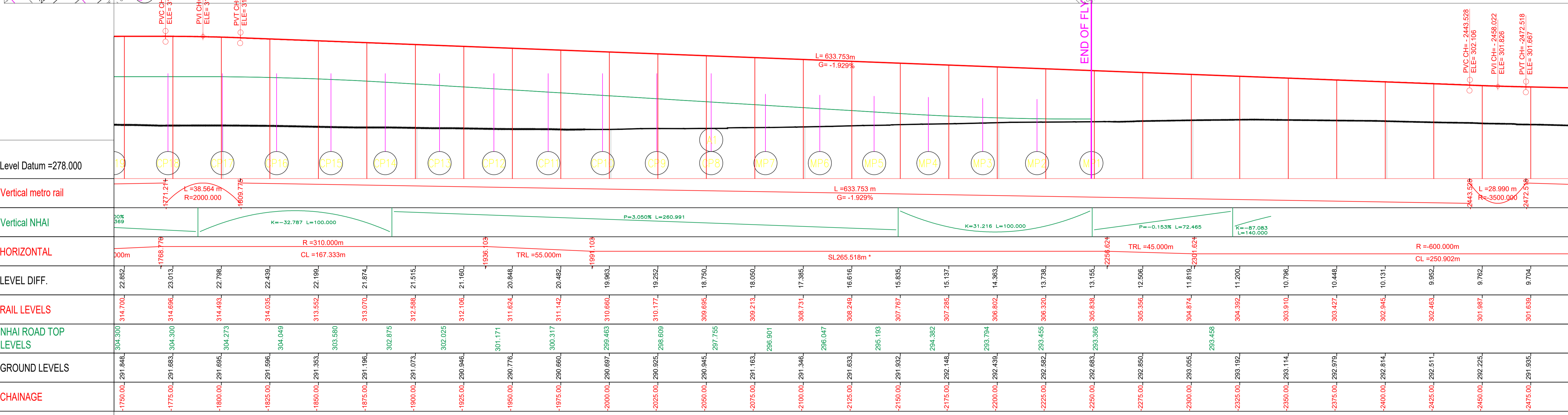
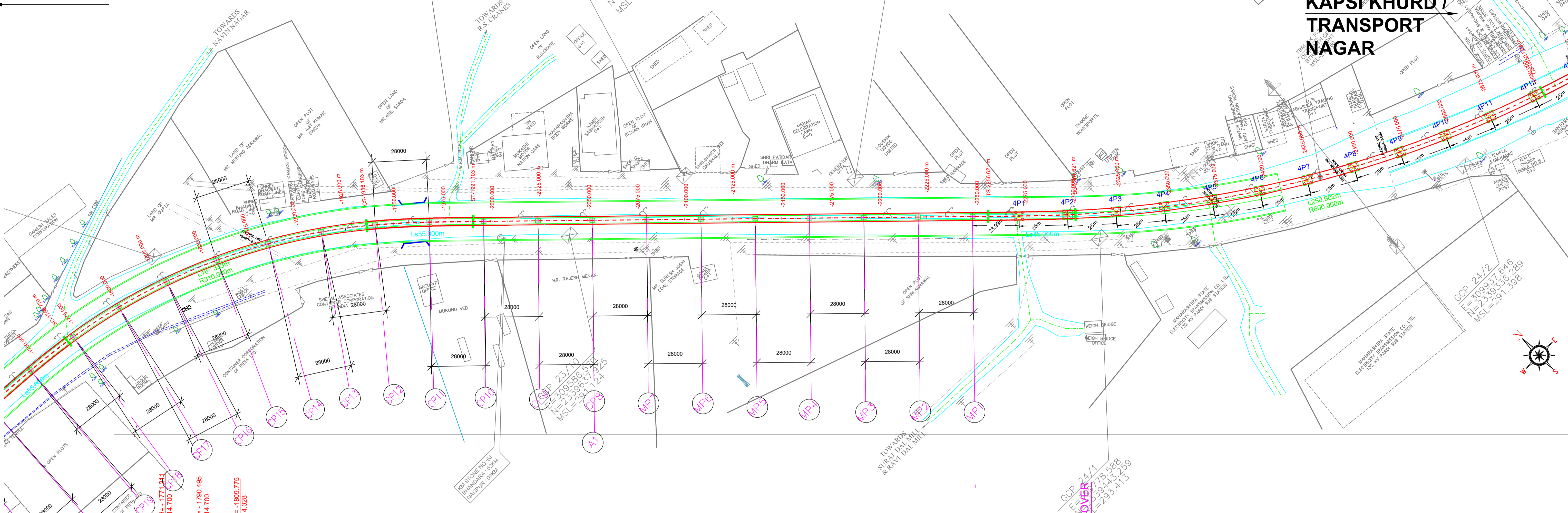
Scale: H=1:1000, V=1:500, Print in A1 Size

Revision No. **R02** | Revision date: **26/10/2023**

PRAJAPATI NAGAR TO TRANSPORT NAGAR (4A) | SHEET NO.: **02 OF 08**

SITABULDI / PARDI

KAPSI KHURD / TRANSPORT NAGAR



| LEVEL DIFF. | RAIL LEVELS | NHAI ROAD TOP LEVELS | GROUND LEVELS | CHAINAGE |
|-------------|-------------|----------------------|---------------|----------|
| 22.852 | 314.700 | 304.300 | 291.848 | -1750.00 |
| 23.013 | 314.696 | 304.300 | 291.683 | -1775.00 |
| 22.798 | 314.493 | 304.273 | 291.695 | -1800.00 |
| 22.439 | 314.035 | 304.049 | 291.596 | -1825.00 |
| 22.199 | 313.552 | 303.580 | 291.353 | -1850.00 |
| 21.874 | 313.070 | 302.875 | 291.196 | -1875.00 |
| 21.515 | 312.588 | 302.025 | 291.073 | -1900.00 |
| 21.160 | 312.106 | 301.171 | 290.946 | -1925.00 |
| 20.848 | 311.624 | 300.317 | 290.776 | -1950.00 |
| 20.482 | 311.142 | 299.463 | 290.660 | -1975.00 |
| 19.963 | 310.660 | 298.609 | 290.525 | -2000.00 |
| 19.252 | 310.177 | 297.755 | 290.448 | -2025.00 |
| 18.750 | 309.695 | 296.901 | 290.346 | -2050.00 |
| 18.050 | 309.213 | 296.047 | 290.163 | -2075.00 |
| 17.365 | 308.731 | 295.193 | 290.032 | -2100.00 |
| 16.616 | 308.249 | 294.342 | 289.853 | -2125.00 |
| 15.855 | 307.767 | 293.488 | 289.694 | -2150.00 |
| 15.137 | 307.285 | 292.632 | 289.522 | -2175.00 |
| 14.363 | 306.802 | 291.776 | 289.338 | -2200.00 |
| 13.738 | 306.320 | 290.919 | 289.144 | -2225.00 |
| 13.155 | 305.838 | 290.063 | 288.932 | -2250.00 |
| 12.506 | 305.356 | 289.206 | 288.700 | -2275.00 |
| 11.819 | 304.874 | 288.348 | 288.458 | -2300.00 |
| 11.200 | 304.392 | 287.489 | 288.206 | -2325.00 |
| 10.796 | 303.910 | 286.629 | 287.954 | -2350.00 |
| 10.448 | 303.427 | 285.769 | 287.692 | -2375.00 |
| 10.131 | 302.945 | 284.908 | 287.420 | -2400.00 |
| 9.952 | 302.463 | 284.047 | 287.138 | -2425.00 |
| 9.762 | 301.981 | 283.185 | 286.856 | -2450.00 |
| 9.704 | 301.638 | 282.322 | 286.574 | -2475.00 |

Note:

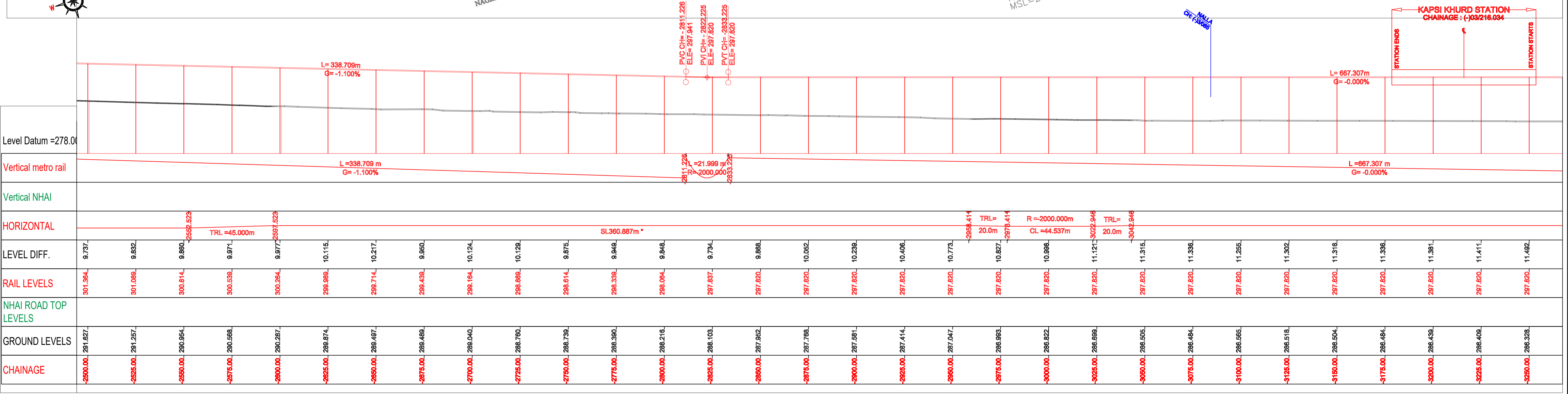
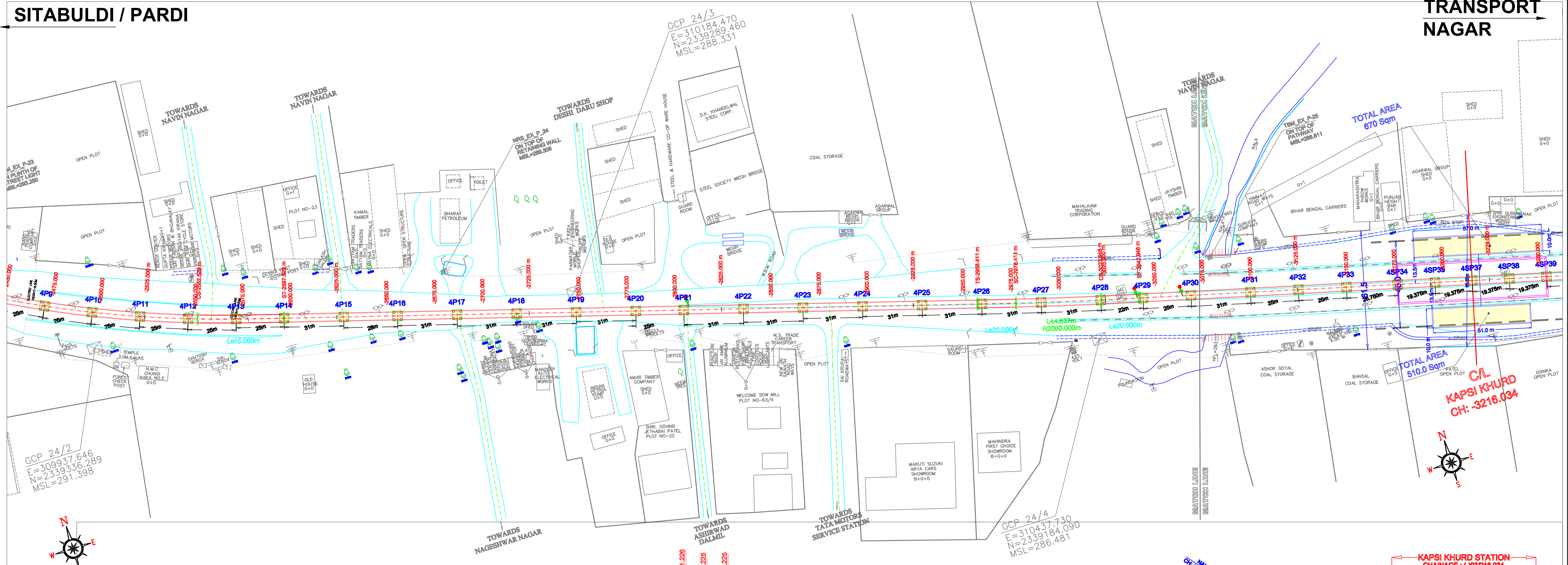
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MAHARASHTRA METRO RAIL CORPORATION LIMITED
 METRO BHAVAN, INFRONT OF DR. BABASAHEB AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR- 4400010

Project Name: **NAGPUR METRO RAIL PROJECT PHASE-II**
 TITLE: **PLAN & PROFILE OF REACH 4A (FOR TENDER PURPOSE ONLY)**
 Updated Month: **October 2023**
 Scale: H=1:1000, V=1:500
 Revision No. **R02** Revision date **26/10/2023**
 DWG NO. **MM/PIg/NIT/NGP/P-II/4A/R2/2023** PRAJAPATI NAGAR TO TRANSPORT NAGAR (4A) SHEET NO.: **03 OF 08**

SITABULDI / PARDI

TRANSPORT NAGAR

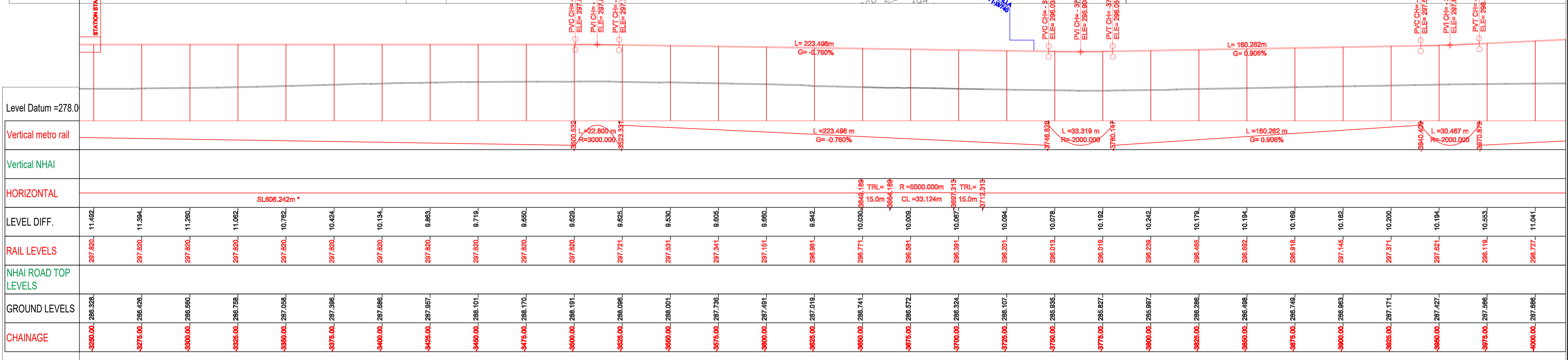
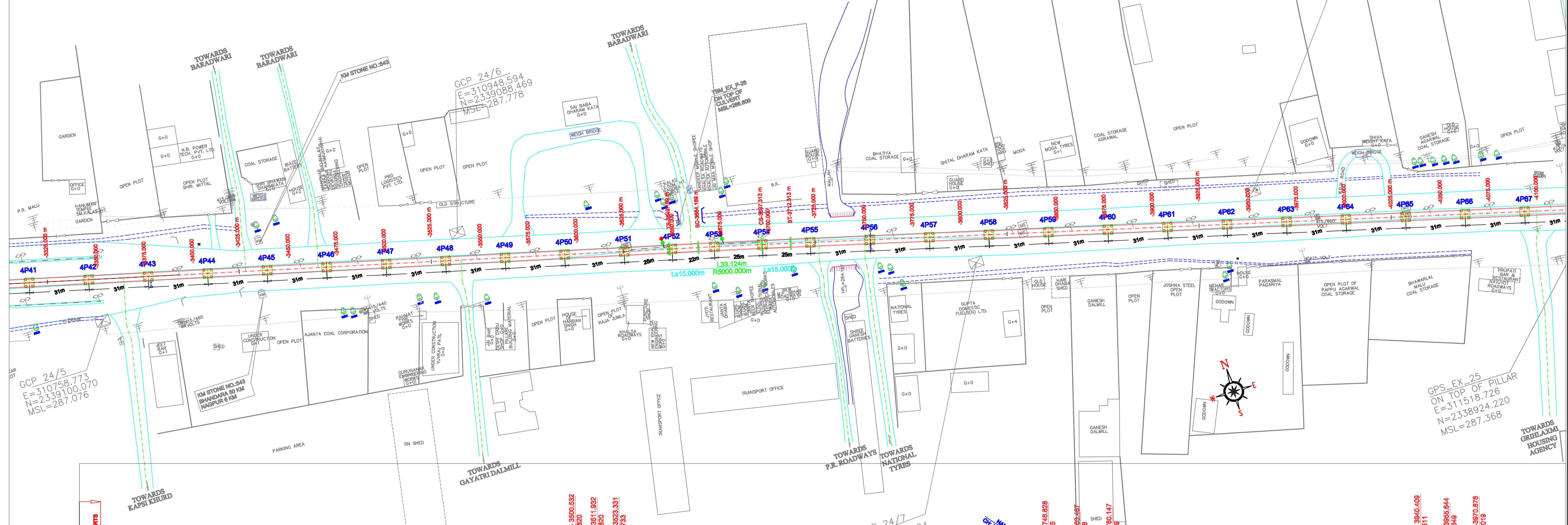


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 Scale: H=1:1000, V=1:500
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PRAJAPATI NAGAR TO TRANSPORT NAGAR (4A) SHEET NO.: **04OF 08**



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| LEVEL DIFF. | 11.492 | 11.394 | 11.290 | 11.092 | 10.782 | 10.494 | 10.194 | 9.893 | 9.718 | 9.650 | 9.622 | 9.625 | 9.530 | 9.605 | 9.842 | 10.030 | 10.009 | 10.067 | 10.094 | 10.078 | 10.192 | 10.242 | 10.178 | 10.194 | 10.169 | 10.192 | 10.200 | 10.194 | 10.553 | 11.041 | |
| RAIL LEVELS | 297.820 | 297.820 | 297.820 | 297.820 | 297.820 | 297.820 | 297.820 | 297.820 | 297.820 | 297.820 | 297.820 | 297.721 | 297.831 | 297.341 | 297.151 | 296.961 | 296.771 | 296.581 | 296.391 | 296.201 | 296.013 | 296.018 | 296.238 | 296.465 | 296.692 | 296.918 | 297.145 | 297.371 | 297.621 | 298.119 | 298.727 |
| NHAI ROAD TOP LEVELS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUND LEVELS | 288.328 | 288.426 | 288.580 | 288.758 | 287.058 | 287.396 | 287.986 | 287.987 | 288.101 | 288.170 | 286.181 | 286.086 | 286.001 | 287.796 | 287.481 | 287.018 | 286.741 | 286.572 | 286.324 | 286.107 | 285.955 | 286.627 | 286.997 | 286.286 | 286.488 | 286.748 | 286.983 | 287.171 | 287.427 | 287.566 | 287.686 |
| CHAINAGE | -3280.00 | -3276.00 | -3300.00 | -3326.00 | -3390.00 | -3376.00 | -3400.00 | -3426.00 | -3460.00 | -3476.00 | -3500.00 | -3526.00 | -3550.00 | -3576.00 | -3600.00 | -3626.00 | -3650.00 | -3676.00 | -3700.00 | -3726.00 | -3750.00 | -3776.00 | -3800.00 | -3826.00 | -3860.00 | -3876.00 | -3900.00 | -3926.00 | -3960.00 | -4000.00 | |

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

TITLE: **PLAN & PROFILE OF REACH 4A (FOR TENDER PURPOSE ONLY)**

DWG NO. **MM/Pig/NIT/NGP/P-II/4A/R2/2023**

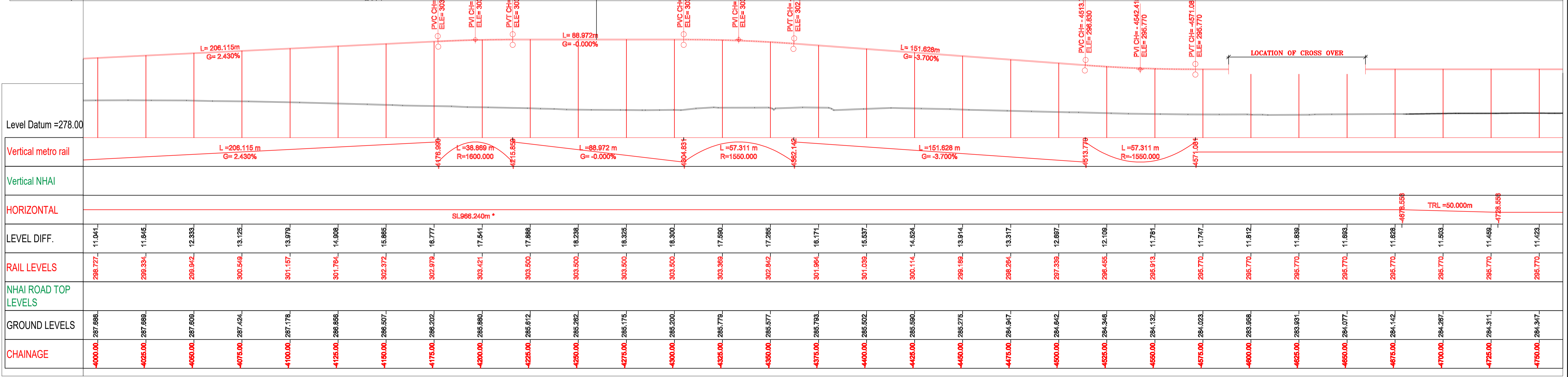
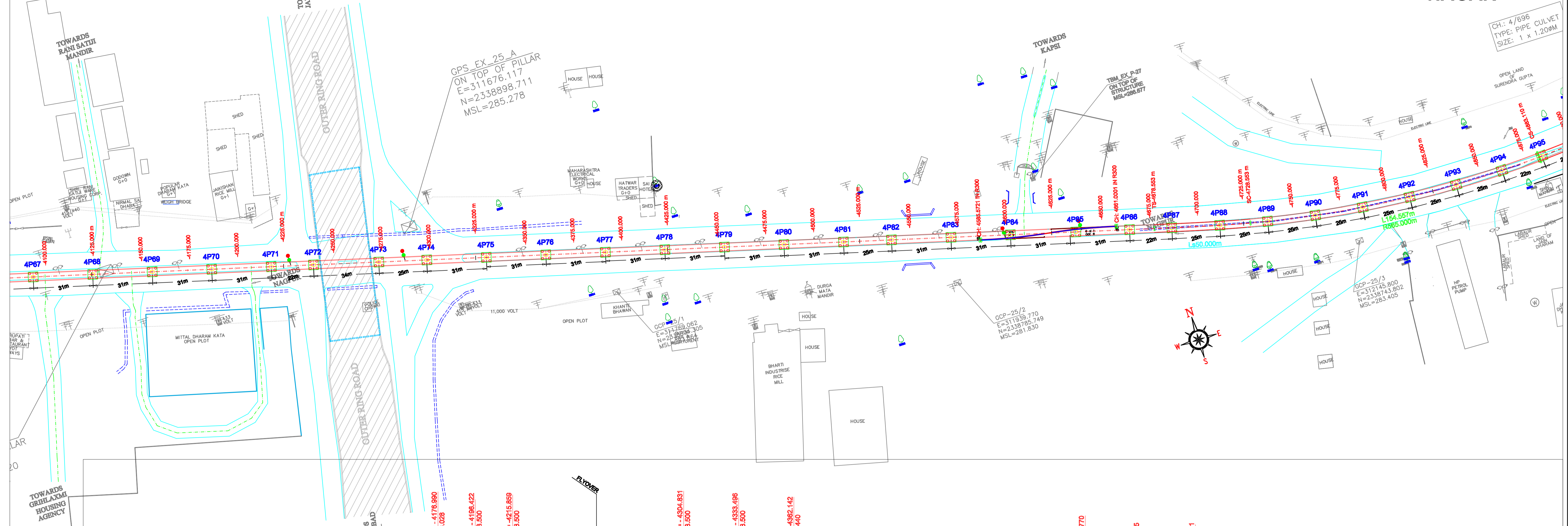
Updated Month: **October 2023**

Scale: **H=1:1000 V=1:500**

Revision No. **R02** | Revision date **26/10/2023**

Project Location: **PRAJAPATI NAGAR TO TRANSPORT NAGAR (4A)**

SHEET NO.: **05OF 08**



ELEVATED SECTION

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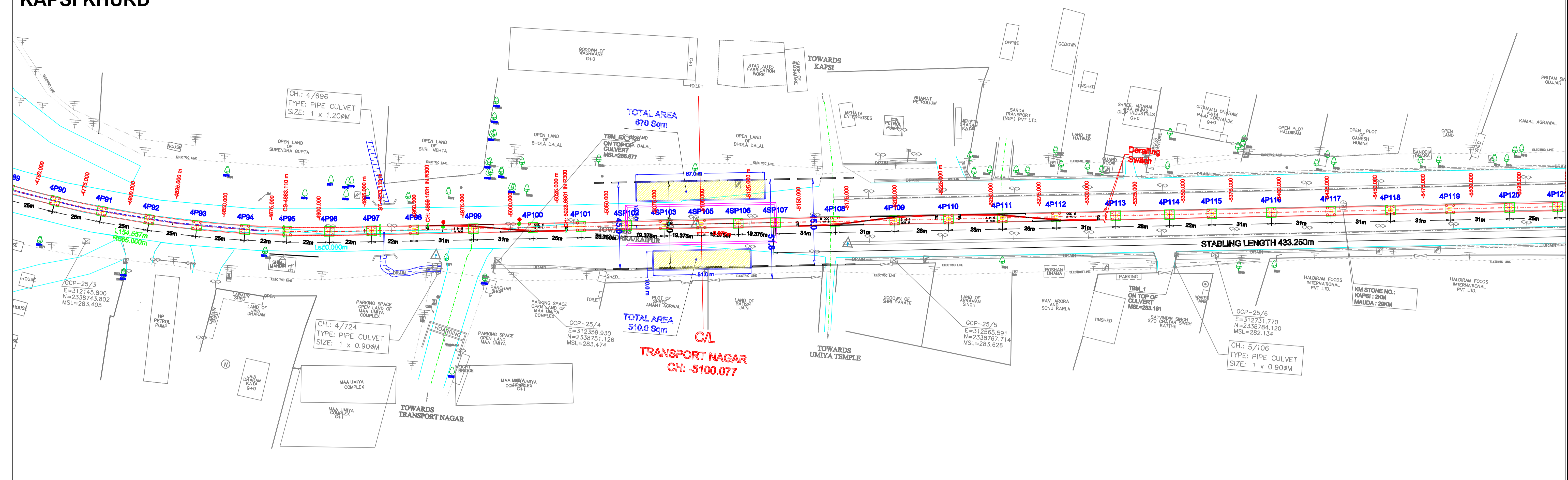
Revision No. **R02** Revision date **26/10/2023**

PRAJAPATI NAGAR TO TRANSPORT NAGAR (4A)

SHEET NO.: **06 OF 08**

SITABULDI / KAPSI KHURD

DEAD END



| Level Datum =278.000 | Vertical metro rail | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Vertical metro rail | L = 1051.498m G = 0.000% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vertical NHAI | L = 1051.498m G = 0.000% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HORIZONTAL | R = -665.000m CL = 154.557m TRL = -50.000m SL 689.467m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LEVEL DIFF. | 11.423 | 11.384 | 11.832 | 11.413 | 11.905 | 11.318 | 11.940 | 11.247 | 11.769 | 11.507 | 11.494 | 11.507 | 11.708 | 11.775 | 11.688 | 11.714 | 11.732 | 11.765 | 11.917 | 12.185 | 12.219 | 12.286 | 12.378 | 12.478 | 12.568 | 12.805 | 12.794 | 12.912 | 13.021 | 13.182 |
| RAIL LEVELS | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 | 295.770 |
| NHAI ROAD TOP LEVELS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUND LEVELS | 284.347 | 284.386 | 283.938 | 284.357 | 283.885 | 284.452 | 283.830 | 284.523 | 284.011 | 284.263 | 284.276 | 284.263 | 283.995 | 284.082 | 284.082 | 284.086 | 284.038 | 284.016 | 283.853 | 283.905 | 283.551 | 283.474 | 283.391 | 283.292 | 283.214 | 282.895 | 282.878 | 282.858 | 282.749 | 282.808 |
| CHAINAGE | -4750.00 | -4775.00 | -4800.00 | -4825.00 | -4850.00 | -4875.00 | -4900.00 | -4925.00 | -4950.00 | -4975.00 | -5000.00 | -5025.00 | -5050.00 | -5075.00 | -5100.00 | -5125.00 | -5150.00 | -5175.00 | -5200.00 | -5225.00 | -5250.00 | -5275.00 | -5300.00 | -5325.00 | -5350.00 | -5375.00 | -5400.00 | -5425.00 | -5450.00 | -5475.00 |

Note:

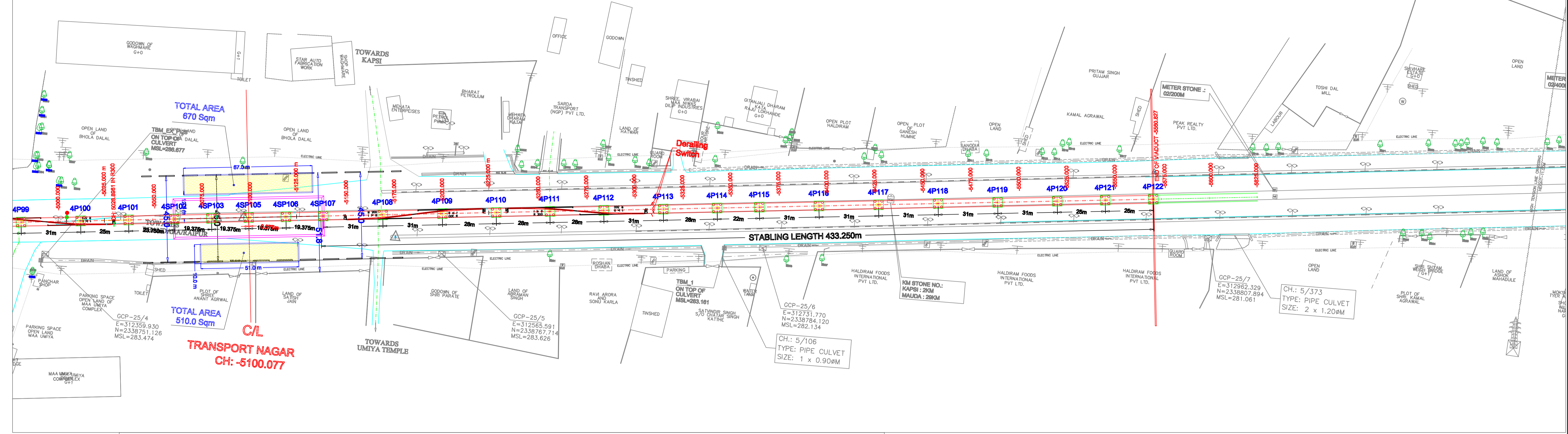
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 PRAJAPATI NAGAR TO TRANSPORT NAGAR (4A)
 SHEET NO.: **07OF 08**

SITABULDI / KAPSI KHURD

DEAD END



| | | | | | | | | | | | | | | | | | | | | |
|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|--|--|
| Level Datum =278.000 | | | | | | | | | | | | | | | | | | | | |
| Vertical metro rail | | | | | | | | | | | | | | | | | | | | |
| Vertical NHAI | | | | | | | | | | | | | | | | | | | | |
| HORIZONTAL | | | | | | | | | | | | | | | | | | | | |
| LEVEL DIFF. | 13.162 | 13.273 | 13.497 | 13.896 | 14.278 | 14.599 | 14.743 | 14.885 | 14.981 | 15.127 | 15.278 | 15.270 | 15.275 | 15.298 | | | | | | |
| RAIL LEVELS | 285.770 | 285.770 | 285.770 | 285.770 | 285.770 | 285.770 | 285.770 | 285.770 | 285.770 | 285.770 | 285.770 | 285.770 | 285.770 | 285.770 | 285.770 | | | | | |
| NHAI ROAD TOP LEVELS | | | | | | | | | | | | | | | | | | | | |
| GROUND LEVELS | 282.608 | 282.497 | 282.273 | 281.994 | 281.462 | 281.181 | 281.027 | 280.875 | 280.798 | 280.643 | 280.462 | 280.590 | 280.485 | 280.472 | 280.469 | 280.462 | | | | |
| CHAINAGE | -5475.000 | -5500.000 | -5525.000 | -5550.000 | -5575.000 | -5600.000 | -5625.000 | -5650.000 | -5675.000 | -5700.000 | -5725.000 | -5750.000 | -5775.000 | -5800.000 | -5825.000 | -5850.000 | -5875.000 | | | |

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. Maha-Metro Doesn't own any responsibility for the accuracy of the same. Contractor will have to ascertain its final value and maintain the requisite minimum vertical clearance of 5.5m from as built flyover Road top level (as on date of construction) in consonance with provision of IRC: 86-2018 from CH: (-)289.668 to (-)2250.000. Also, From CH: (-)2250 to CH: (-) 5560.827 shall maintain minimum vertical clearance of 5.8m from the existing road level.
- 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 4A (FOR TENDER PURPOSE ONLY)**

Updated Month: **October 2023**

Scale: H=1:1000, V=1:500, Print in A1 Size

Revision No. **R02** | Revision date **26/10/2023**

DWG NO. **MM/PIg/NIT/NGP/P-II/4A/R2/2023** | PRAJAPATI NAGAR TO TRANSPORT NAGAR (4A) | SHEET NO.: **08 OF 08**