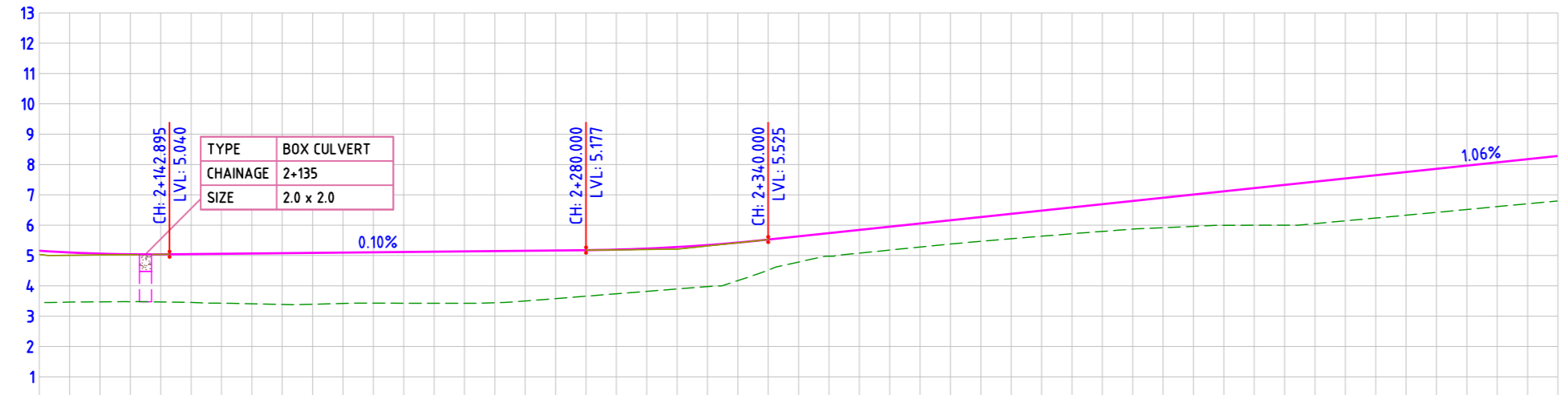


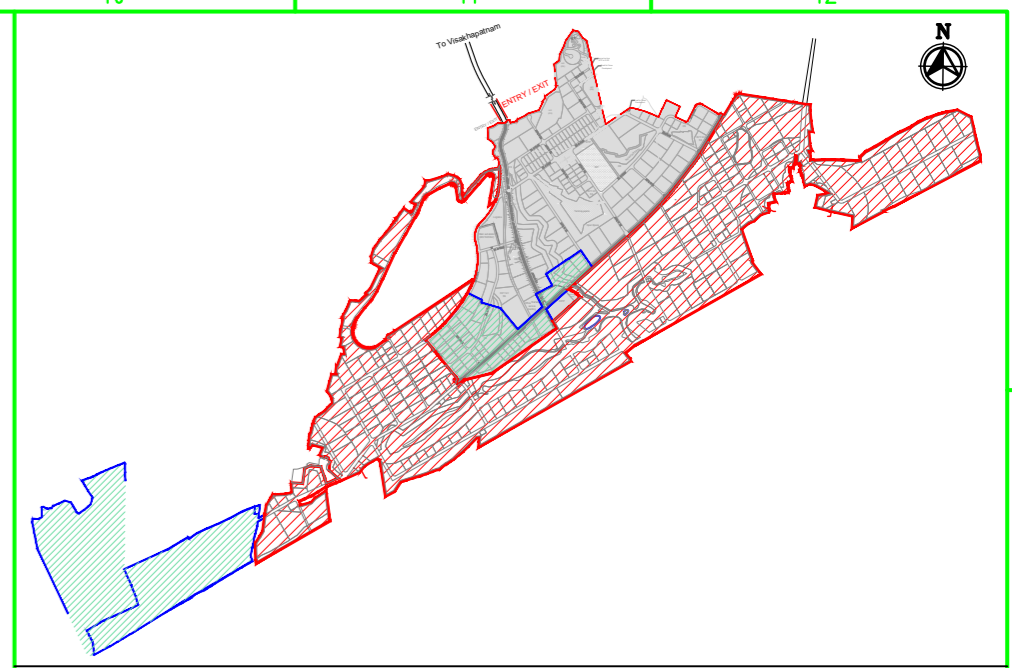
ROAD: 32-01
PLAN

TYPE	BOX CULVERT
CHAINAGE	2+135
SIZE	2.0 x 2.0

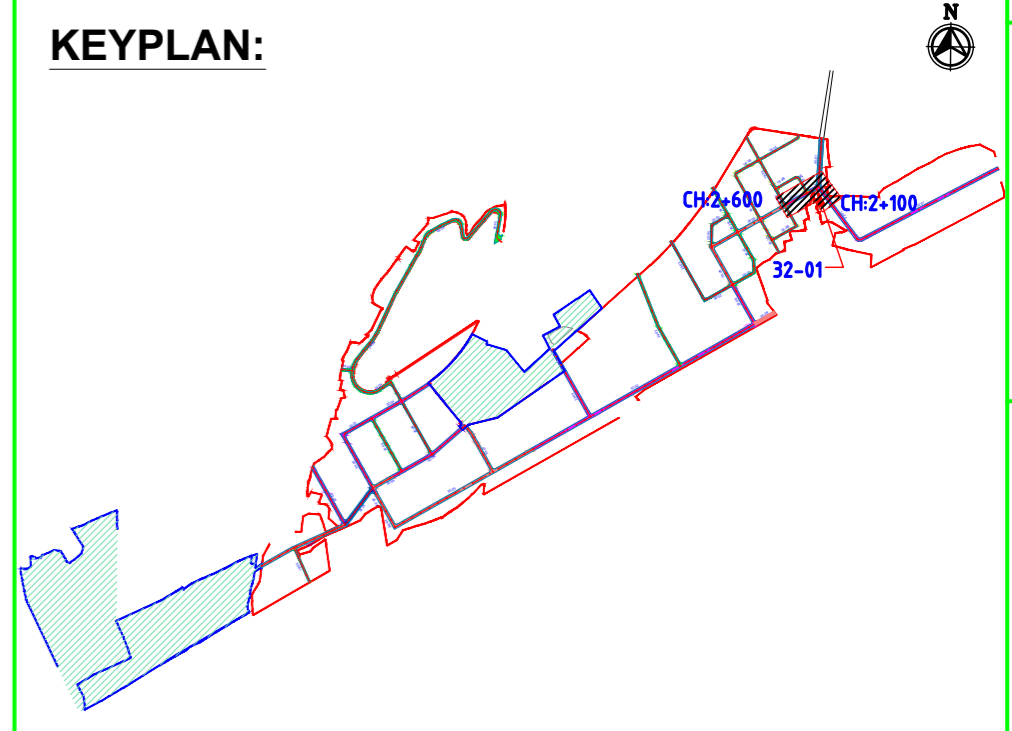


ROAD: 32-01
LONGITUDINAL PROFILE

DATUM= 0.000	
FINISHED ROAD LEVELS	5.156 5.101 5.062 5.041 5.038 5.047 5.057 5.067 5.077 5.087 5.097 5.107 5.117 5.127 5.137 5.147 5.157 5.167 5.177 5.187 5.195 5.209 5.229 5.279 5.345 5.427 5.525 5.631 5.737 5.844 5.950 6.056 6.162 6.268 6.374 6.480 6.586 6.692 6.798 6.904 7.010 7.116 7.222 7.329 7.435 7.541 7.647 7.753 7.859 7.965 8.071 8.177 8.283
EXISTING GROUND LEVEL	3.447 3.465 3.502 3.504 3.508 3.517 3.527 3.537 3.547 3.557 3.567 3.577 3.587 3.597 3.607 3.617 3.627 3.637 3.647 3.657 3.667 3.677 3.687 3.697 3.707 3.717 3.727 3.737 3.747 3.757 3.767 3.777 3.787 3.797 3.807 3.817 3.827 3.837 3.847 3.857 3.867 3.877 3.887 3.897 3.907 3.917 3.927 3.937 3.947 3.957 3.967 3.977 3.987 3.997 4.007 4.017 4.027 4.037 4.047 4.057 4.067 4.077 4.087 4.097 4.107 4.117 4.127 4.137 4.147 4.157 4.167 4.177 4.187 4.197 4.207 4.217 4.227 4.237 4.247 4.257 4.267 4.277 4.287 4.297 4.307 4.317 4.327 4.337 4.347 4.357 4.367 4.377 4.387 4.397 4.407 4.417 4.427 4.437 4.447 4.457 4.467 4.477 4.487 4.497 4.507 4.517 4.527 4.537 4.547 4.557 4.567 4.577 4.587 4.597 4.607 4.617 4.627 4.637 4.647 4.657 4.667 4.677 4.687 4.697 4.707 4.717 4.727 4.737 4.747 4.757 4.767 4.777 4.787 4.797 4.807 4.817 4.827 4.837 4.847 4.857 4.867 4.877 4.887 4.897 4.907 4.917 4.927 4.937 4.947 4.957 4.967 4.977 4.987 4.997 5.007 5.017 5.027 5.037 5.047 5.057 5.067 5.077 5.087 5.097 5.107 5.117 5.127 5.137 5.147 5.157 5.167 5.177 5.187 5.197 5.207 5.217 5.227 5.237 5.247 5.257 5.267 5.277 5.287 5.297 5.307 5.317 5.327 5.337 5.347 5.357 5.367 5.377 5.387 5.397 5.407 5.417 5.427 5.437 5.447 5.457 5.467 5.477 5.487 5.497 5.507 5.517 5.527 5.537 5.547 5.557 5.567 5.577 5.587 5.597 5.607 5.617 5.627 5.637 5.647 5.657 5.667 5.677 5.687 5.697 5.707 5.717 5.727 5.737 5.747 5.757 5.767 5.777 5.787 5.797 5.807 5.817 5.827 5.837 5.847 5.857 5.867 5.877 5.887 5.897 5.907 5.917 5.927 5.937 5.947 5.957 5.967 5.977 5.987 5.997 6.007 6.017 6.027 6.037 6.047 6.057 6.067 6.077 6.087 6.097 6.107 6.117 6.127 6.137 6.147 6.157 6.167 6.177 6.187 6.197 6.207 6.217 6.227 6.237 6.247 6.257 6.267 6.277 6.287 6.297 6.307 6.317 6.327 6.337 6.347 6.357 6.367 6.377 6.387 6.397 6.407 6.417 6.427 6.437 6.447 6.457 6.467 6.477 6.487 6.497 6.507 6.517 6.527 6.537 6.547 6.557 6.567 6.577 6.587 6.597 6.607 6.617 6.627 6.637 6.647 6.657 6.667 6.677 6.687 6.697 6.707 6.717 6.727 6.737 6.747 6.757 6.767 6.777 6.787 6.797 6.807 6.817 6.827 6.837 6.847 6.857 6.867 6.877 6.887 6.897 6.907 6.917 6.927 6.937 6.947 6.957 6.967 6.977 6.987 6.997 7.007 7.017 7.027 7.037 7.047 7.057 7.067 7.077 7.087 7.097 7.107 7.117 7.127 7.137 7.147 7.157 7.167 7.177 7.187 7.197 7.207 7.217 7.227 7.237 7.247 7.257 7.267 7.277 7.287 7.297 7.307 7.317 7.327 7.337 7.347 7.357 7.367 7.377 7.387 7.397 7.407 7.417 7.427 7.437 7.447 7.457 7.467 7.477 7.487 7.497 7.507 7.517 7.527 7.537 7.547 7.557 7.567 7.577 7.587 7.597 7.607 7.617 7.627 7.637 7.647 7.657 7.667 7.677 7.687 7.697 7.707 7.717 7.727 7.737 7.747 7.757 7.767 7.777 7.787 7.797 7.807 7.817 7.827 7.837 7.847 7.857 7.867 7.877 7.887 7.897 7.907 7.917 7.927 7.937 7.947 7.957 7.967 7.977 7.987 7.997 8.007 8.017 8.027 8.037 8.047 8.057 8.067 8.077 8.087 8.097 8.107 8.117 8.127 8.137 8.147 8.157 8.167 8.177 8.187 8.197 8.207 8.217 8.227 8.237 8.247 8.257 8.267 8.277 8.287 8.297 8.307 8.317 8.327 8.337 8.347 8.357 8.367 8.377 8.387 8.397 8.407 8.417 8.427 8.437 8.447 8.457 8.467 8.477 8.487 8.497 8.507 8.517 8.527 8.537 8.547 8.557 8.567 8.577 8.587 8.597 8.607 8.617 8.627 8.637 8.647 8.657 8.667 8.677 8.687 8.697 8.707 8.717 8.727 8.737 8.747 8.757 8.767 8.777 8.787 8.797 8.807 8.817 8.827 8.837 8.847 8.857 8.867 8.877 8.887 8.897 8.907 8.917 8.927 8.937 8.947 8.957 8.967 8.977 8.987 8.997 9.007 9.017 9.027 9.037 9.047 9.057 9.067 9.077 9.087 9.097 9.107 9.117 9.127 9.137 9.147 9.157 9.167 9.177 9.187 9.197 9.207 9.217 9.227 9.237 9.247 9.257 9.267 9.277 9.287 9.297 9.307 9.317 9.327 9.337 9.347 9.357 9.367 9.377 9.387 9.397 9.407 9.417 9.427 9.437 9.447 9.457 9.467 9.477 9.487 9.497 9.507 9.517 9.527 9.537 9.547 9.557 9.567 9.577 9.587 9.597 9.607 9.617 9.627 9.637 9.647 9.657 9.667 9.677 9.687 9.697 9.707 9.717 9.727 9.737 9.747 9.757 9.767 9.777 9.787 9.797 9.807 9.817 9.827 9.837 9.847 9.857 9.867 9.877 9.887 9.897 9.907 9.917 9.927 9.937 9.947 9.957 9.967 9.977 9.987 9.997 10.007
LEVEL DIFFERENCE	1.709 1.636 1.589 1.565 1.568 1.592 1.630 1.658 1.690 1.694 1.677 1.678 1.690 1.700 1.713 1.704 1.656 1.588 1.519 1.457 1.412 1.362 1.369 1.254 1.008 0.847 0.764 0.777 0.783 0.802 0.844 0.868 0.898 0.927 0.987 1.050 1.121 1.225 1.329 1.383 1.397 1.411 1.424 1.438 1.449 1.459 1.470 1.486
HORIZONTAL ALIGNMENT	L=155.090 L=344.909
VERTICAL SCHEMATIC	K=57.794 L=80.000 G=0.100% L=137.105 K=62.452 L=60.000 G=1.061% L=470.068
TCS TYPE	TYPE-3A
DESIGN CHAINAGE	2+100.00 2+110.00 2+120.00 2+130.00 2+140.00 2+150.00 2+160.00 2+170.00 2+180.00 2+190.00 2+200.00 2+210.00 2+220.00 2+230.00 2+240.00 2+250.00 2+260.00 2+270.00 2+280.00 2+290.00 2+300.00 2+310.00 2+320.00 2+330.00 2+340.00 2+350.00 2+360.00 2+370.00 2+380.00 2+390.00 2+400.00 2+410.00 2+420.00 2+430.00 2+440.00 2+450.00 2+460.00 2+470.00 2+480.00 2+490.00 2+500.00 2+510.00 2+520.00 2+530.00 2+540.00 2+550.00 2+560.00 2+570.00 2+580.00 2+590.00 2+600.00



MASTER PLAN



NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

	45m ROW		20m ROW
	35m ROW		18m ROW
	32m ROW		BOUNDARY
	30m ROW		FUTURE EXPANSION
	24m ROW		

PLAN LEGEND:

	CENTERLINE
	MEDIAN
	CARRIAGEWAY
	PAVED SHOULDER
	EARTHEN SHOULDER
	ROW

SHEET 4 OF 4

FOR TENDER PURPOSE ONLY

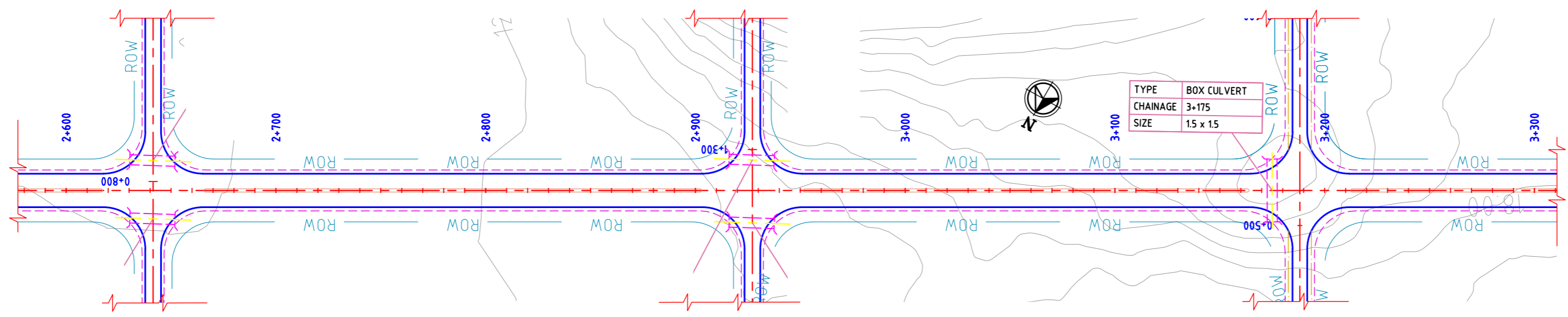
- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
 - REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

DRAWING NO.	TITLE	REVISIONS	STATUS CODES
	REFERENCE DRAWINGS		1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:
REV.	DATE	STATUS	DESCRIPTION
A	240124	2	TEMPLATE REVISED
0	231127	2	FOR APPROVAL
DES.	DRN.	INIT. SIGN. CHECKED	APPROVED
BVN	DVM	ABSR	BRT
BVN	DVM	ABSR Sd/-	BRT Sd/-

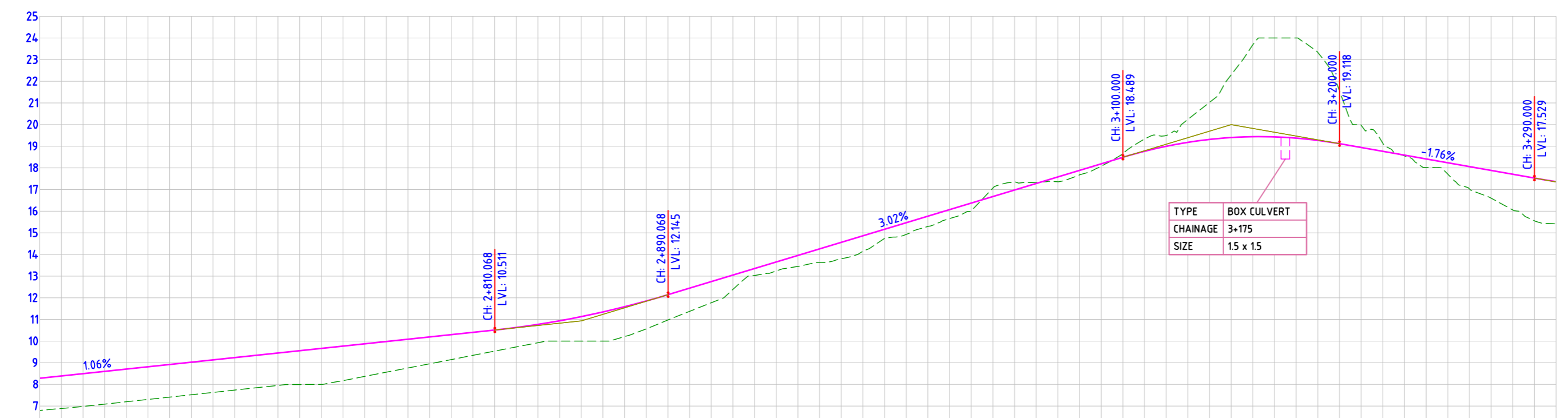
CLIENT:	ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)	PROJECT NO:	C1232704
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH	COP:	
TITLE:	ROAD: 32-01 PLAN & PROFILE FROM CH: 2+300 TO CH: 2+600	SCALE:	HOR - 1:2000 VER - 1:200
DRAWING NO:	DDP005	REV:	A



AUTO PATH: X:\ROADS\2023\1232704 - DETAIL DESIGN FOR APBDD\WORKING\DRAWINGS\04-ROADS\RAVPLAN & PROFILES\DDP002-DDP025-RA-PLAN AND PROFILE - 35-0132-01 TO 32-06 & 30-01 TO 30-09.DWG

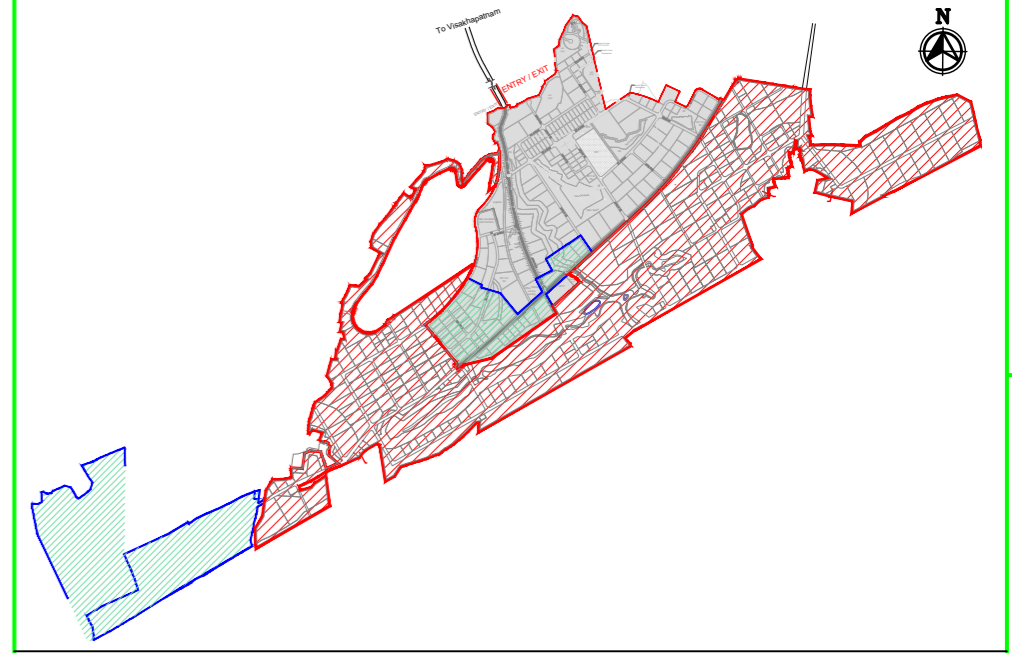


ROAD: 30-05
PLAN

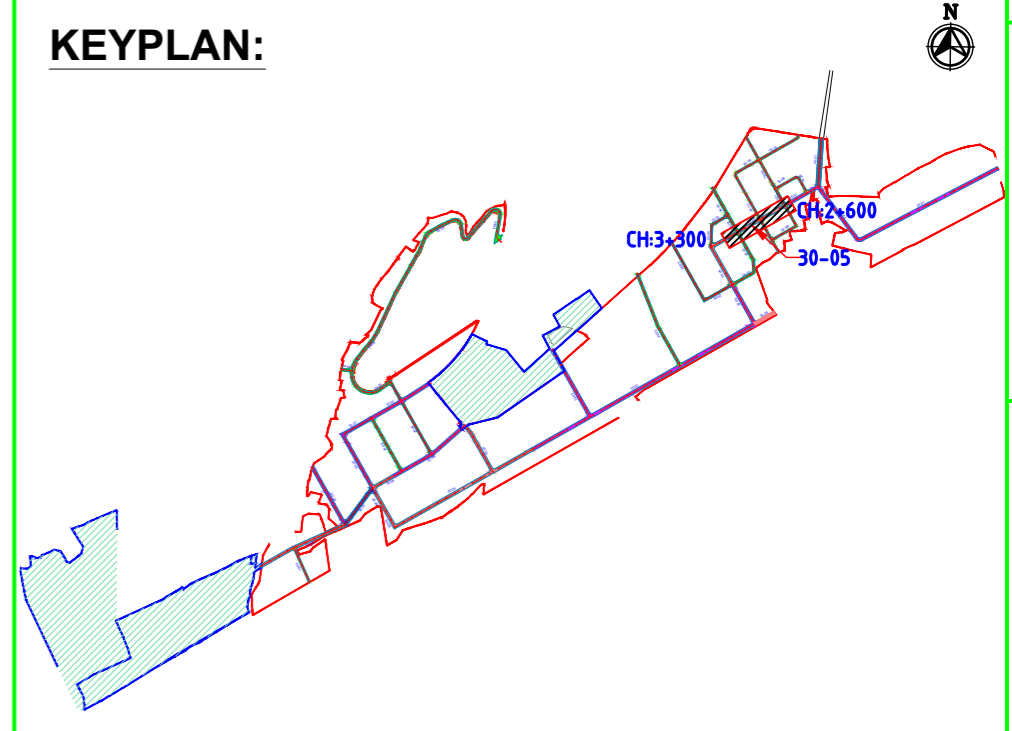


ROAD: 30-05
LONGITUDINAL PROFILE

FINISHED ROAD LEVELS	EXISTING GROUND LEVEL	LEVEL DIFFERENCE	HORIZONTAL ALIGNMENT	VERTICAL SCHEMATIC	TCS TYPE	DESIGN CHAINAGE
8.283	6.797	1.486	L=700.000	G=1.061% L=470.068	TYPE-4C	2+600.00
8.389	6.887	1.502				2+610.00
8.495	6.982	1.514				2+620.00
8.601	7.090	1.512				2+630.00
8.708	7.197	1.510				2+640.00
8.814	7.305	1.508				2+650.00
8.920	7.413	1.507				2+660.00
9.026	7.521	1.505				2+670.00
9.132	7.629	1.503				2+680.00
9.238	7.737	1.501				2+690.00
9.344	7.845	1.499				2+700.00
9.450	7.952	1.498				2+710.00
9.556	8.060	1.496				2+720.00
9.662	8.167	1.494				2+730.00
9.768	8.274	1.492				2+740.00
9.874	8.381	1.490				2+750.00
9.980	8.488	1.488				2+760.00
10.086	8.595	1.486				2+770.00
10.193	8.702	1.484				2+780.00
10.299	8.809	1.482				2+790.00
10.405	8.916	1.480				2+800.00
10.511	9.023	1.478				2+810.00
10.629	9.130	1.476				2+820.00
10.772	9.237	1.474				2+830.00
10.939	9.344	1.472				2+840.00
11.131	9.451	1.470				2+850.00
11.347	9.558	1.468				2+860.00
11.588	9.665	1.466				2+870.00
11.853	9.772	1.464				2+880.00
12.143	9.879	1.462				2+890.00
12.445	9.986	1.460				2+900.00
12.747	10.093	1.458				2+910.00
13.049	10.200	1.456				2+920.00
13.351	10.307	1.454				2+930.00
13.654	10.414	1.452	2+940.00			
13.956	10.521	1.450	2+950.00			
14.258	10.628	1.448	2+960.00			
14.560	10.735	1.446	2+970.00			
14.862	10.842	1.444	2+980.00			
15.165	10.949	1.442	2+990.00			
15.467	11.056	1.440	3+000.00			
15.769	11.163	1.438	3+010.00			
16.071	11.270	1.436	3+020.00			
16.373	11.377	1.434	3+030.00			
16.676	11.484	1.432	3+040.00			
16.978	11.591	1.430	3+050.00			
17.280	11.698	1.428	3+060.00			
17.582	11.805	1.426	3+070.00			
17.885	11.912	1.424	3+080.00			
18.187	12.019	1.422	3+090.00			
18.489	12.126	1.420	3+100.00			
18.767	12.233	1.418	3+110.00			
18.998	12.340	1.416	3+120.00			
19.180	12.447	1.414	3+130.00			
19.315	12.554	1.412	3+140.00			
19.402	12.661	1.410	3+150.00			
19.441	12.768	1.408	3+160.00			
19.432	12.875	1.406	3+170.00			
19.375	12.982	1.404	3+180.00			
19.270	13.089	1.402	3+190.00			
19.118	13.196	1.400	3+200.00			
18.941	13.303	1.398	3+210.00			
18.765	13.410	1.396	3+220.00			
18.588	13.517	1.394	3+230.00			
18.412	13.624	1.392	3+240.00			
18.235	13.731	1.390	3+250.00			
18.059	13.838	1.388	3+260.00			
17.882	13.945	1.386	3+270.00			
17.706	14.052	1.384	3+280.00			
17.529	14.159	1.382	3+290.00			
17.353	14.266	1.380	3+300.00			



MASTER PLAN



KEYPLAN:

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

- 45m ROW
- 35m ROW
- 32m ROW
- 30m ROW
- 24m ROW
- 20m ROW
- 18m ROW
- BOUNDARY
- FUTURE EXPANSION

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

SHEET 1 OF 2

FOR TENDER PURPOSE ONLY

- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
 - REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT.	SIGN.	CHECKED	APPROVED
		A	24/01/24	2	TEMPLATE REVISED	BVN	DVM	ABS	BRT		
		0	23/11/27	2	FOR APPROVAL	BVN	DVM	ABS	Sd/-	BRT	Sd/-

REVISIONS

STATUS CODES: 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: ROAD: 30-05
PLAN & PROFILE FROM CH: 2+600 TO CH 3+300

PROJECT NO: C1232704

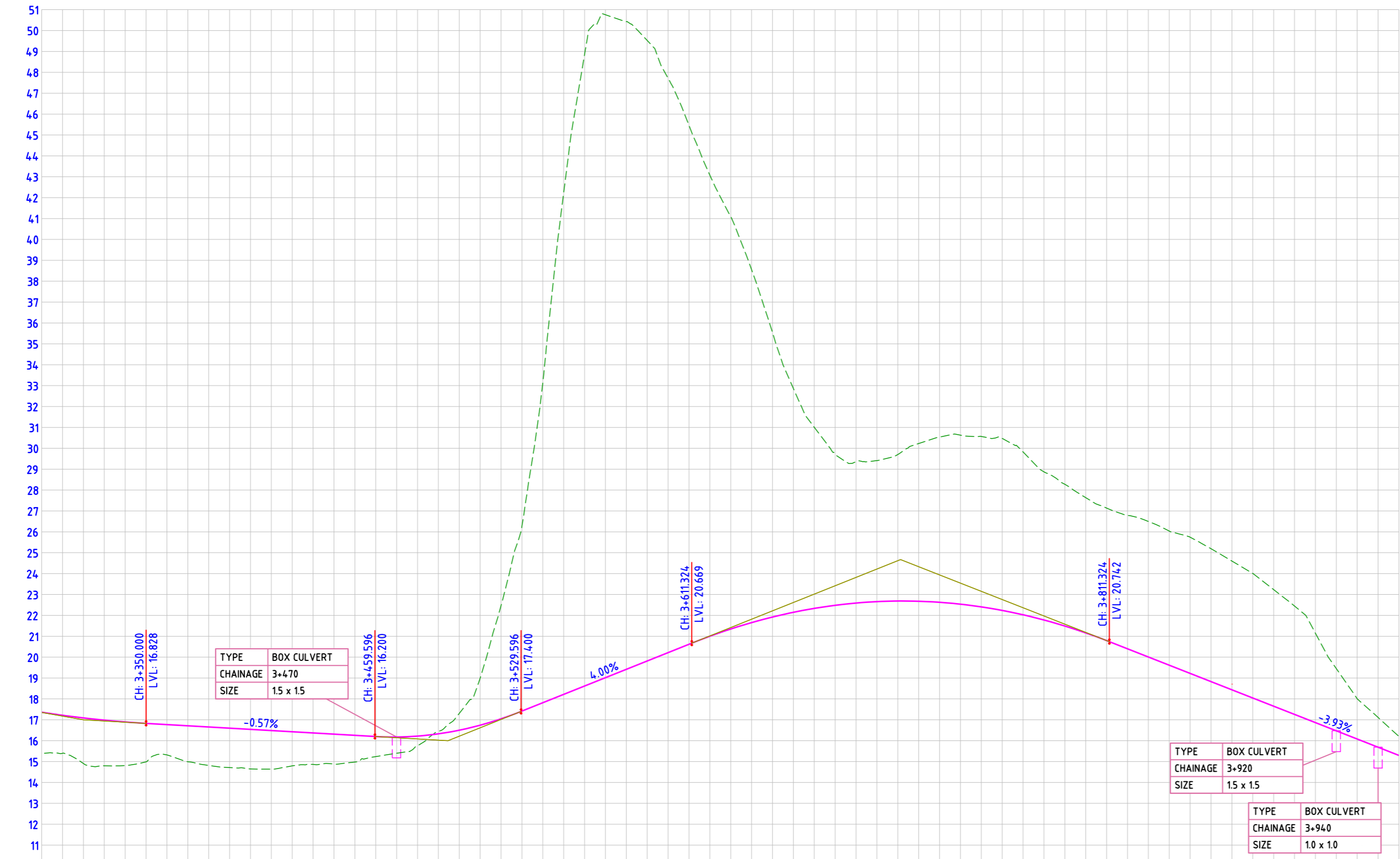
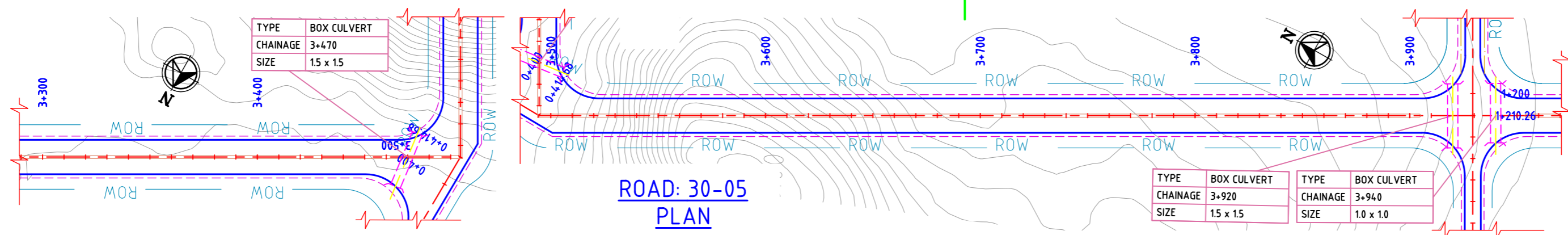
COP: SCALE: HOR - 1:2000
VER - 1:200

DRAWING NO: DDP006 REV: A

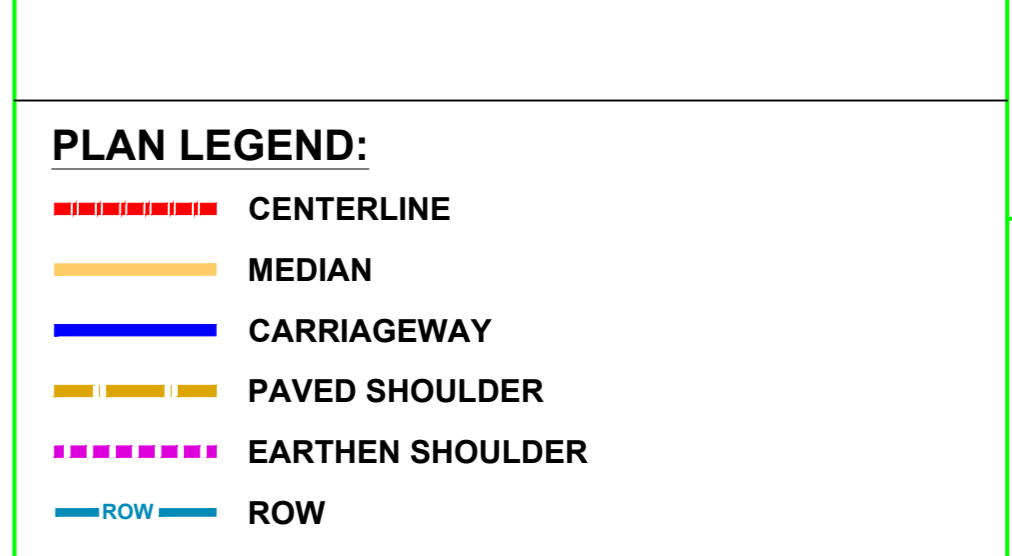
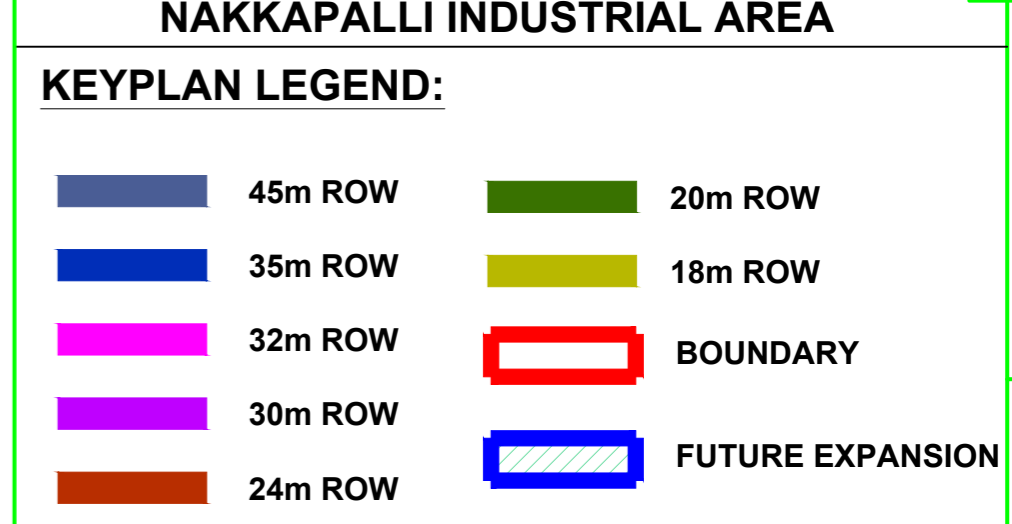
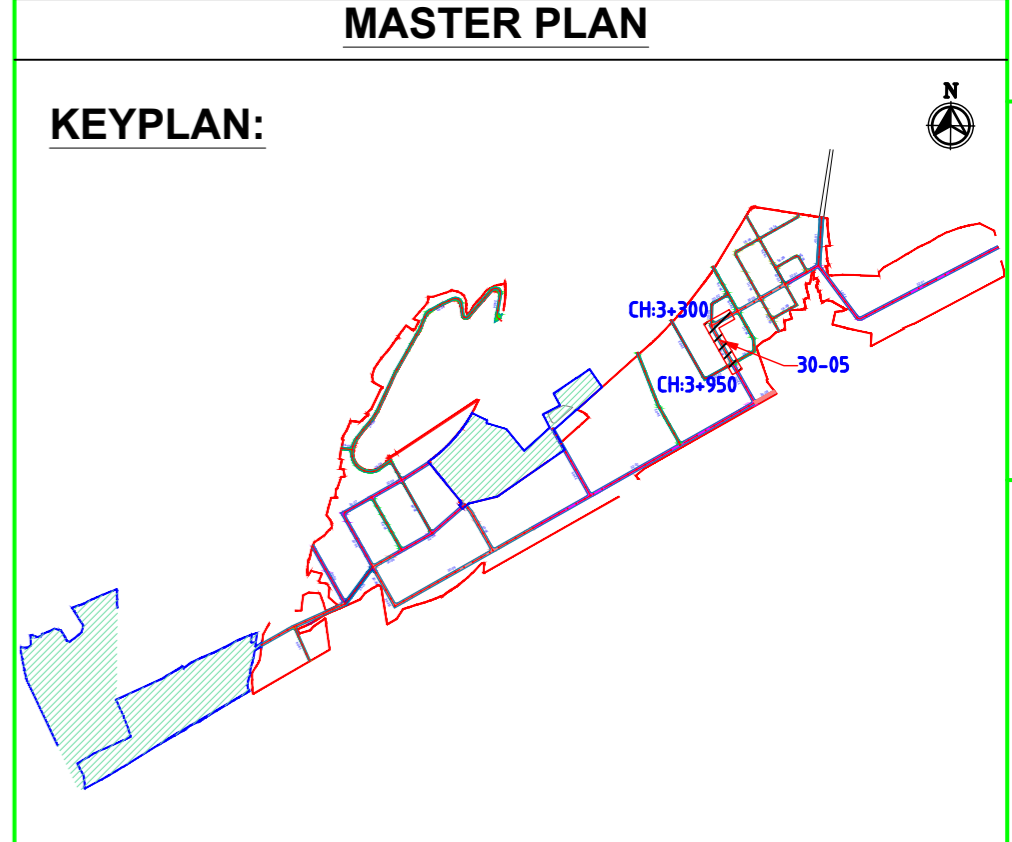
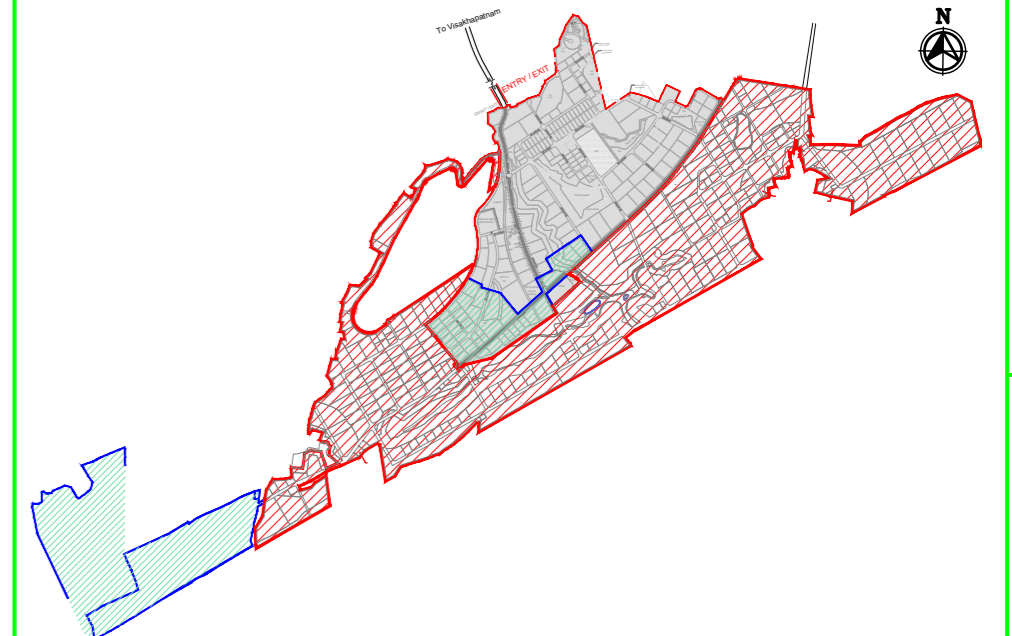
L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)

AUTO PATH: X:\ROADS\2023\1232704 - DETAIL DESIGN FOR APIC\WORKING\DRAWINGS\04-ROADS\RA-PLAN & PROFILE\55-0133-01 TO 32-46 & 30-01 TO 30-09.DWG

plot scale: 1:50m



FINISHED ROAD LEVELS	EXISTING GROUND LEVEL	LEVEL DIFFERENCE	HORIZONTAL ALIGNMENT	VERTICAL SCHEMATIC	TCS TYPE	DESIGN CHAINAGE
17.363	15.409	1.954	L=194.596	K=50.337 L=60.000	TYPE-4C	3+300.00
17.216	15.395	1.821				3+310.00
17.089	14.905	2.184	G=-0.573%	L=109.596	TYPE-4C	3+320.00
16.982	14.905	2.084				3+330.00
16.895	14.811	2.084	K=15.308 L=70.000	G=4.000%	TYPE-4C/1	3+340.00
16.828	14.811	2.017				3+350.00
16.771	14.717	2.054	L=81.727	G=-3.927%	TYPE-4C/1	3+360.00
16.714	14.717	2.000				3+370.00
16.656	14.618	1.999	L=434.728	G=-3.927%	TYPE-4C/1	3+380.00
16.599	14.519	1.987				3+390.00
16.542	14.424	1.989	L=20.675	G=-3.927%	TYPE-4C/1	3+400.00
16.485	14.325	1.989				3+410.00
16.427	14.226	1.989				3+420.00
16.370	14.127	1.989				3+430.00
16.313	14.028	1.989				3+440.00
16.255	13.929	1.989				3+450.00
16.198	13.830	1.989				3+460.00
16.141	13.731	1.989				3+470.00
16.084	13.632	1.989				3+480.00
16.027	13.533	1.989				3+490.00
15.970	13.434	1.989				3+500.00
15.913	13.335	1.989				3+510.00
15.856	13.236	1.989				3+520.00
15.799	13.137	1.989				3+530.00
15.742	13.038	1.989				3+540.00
15.685	12.939	1.989				3+550.00
15.628	12.840	1.989				3+560.00
15.571	12.741	1.989				3+570.00
15.514	12.642	1.989				3+580.00
15.457	12.543	1.989				3+590.00
15.400	12.444	1.989				3+600.00
15.343	12.345	1.989				3+610.00
15.286	12.246	1.989				3+620.00
15.229	12.147	1.989				3+630.00
15.172	12.048	1.989				3+640.00
15.115	11.949	1.989				3+650.00
15.058	11.850	1.989				3+660.00
15.001	11.751	1.989				3+670.00
14.944	11.652	1.989				3+680.00
14.887	11.553	1.989				3+690.00
14.830	11.454	1.989				3+700.00
14.773	11.355	1.989				3+710.00
14.716	11.256	1.989				3+720.00
14.659	11.157	1.989				3+730.00
14.602	11.058	1.989				3+740.00
14.545	10.959	1.989				3+750.00
14.488	10.860	1.989				3+760.00
14.431	10.761	1.989				3+770.00
14.374	10.662	1.989				3+780.00
14.317	10.563	1.989				3+790.00
14.260	10.464	1.989				3+800.00
14.203	10.365	1.989				3+810.00
14.146	10.266	1.989				3+820.00
14.089	10.167	1.989				3+830.00
14.032	10.068	1.989				3+840.00
13.975	9.969	1.989				3+850.00
13.918	9.870	1.989				3+860.00
13.861	9.771	1.989				3+870.00
13.804	9.672	1.989				3+880.00
13.747	9.573	1.989				3+890.00
13.690	9.474	1.989				3+900.00
13.633	9.375	1.989				3+910.00
13.576	9.276	1.989				3+920.00
13.519	9.177	1.989				3+930.00
13.462	9.078	1.989				3+940.00
13.405	8.979	1.989				3+950.00



- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
 - REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

DRAWING NO.	TITLE	STATUS CODES	1: PRELIMINARY	2: FOR APPROVAL	3: GOOD FOR CONSTRUCTION	4:
A	240124	2	TEMPLATE REVISED			
0	231127	2	FOR APPROVAL			
REV.	YYMMDD	DATE	STATUS	DESCRIPTION		
				DES.	DRN.	INIT. SIGN. INIT. SIGN. CHECKED APPROVED

SHEET 2 OF 2

FOR TENDER PURPOSE ONLY

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: ROAD: 30-05
PLAN & PROFILE FROM CH: 3+300 TO CH 3+950

PROJECT NO: C1232704

COP: SCALE: HOR - 1:2000
VER - 1:200

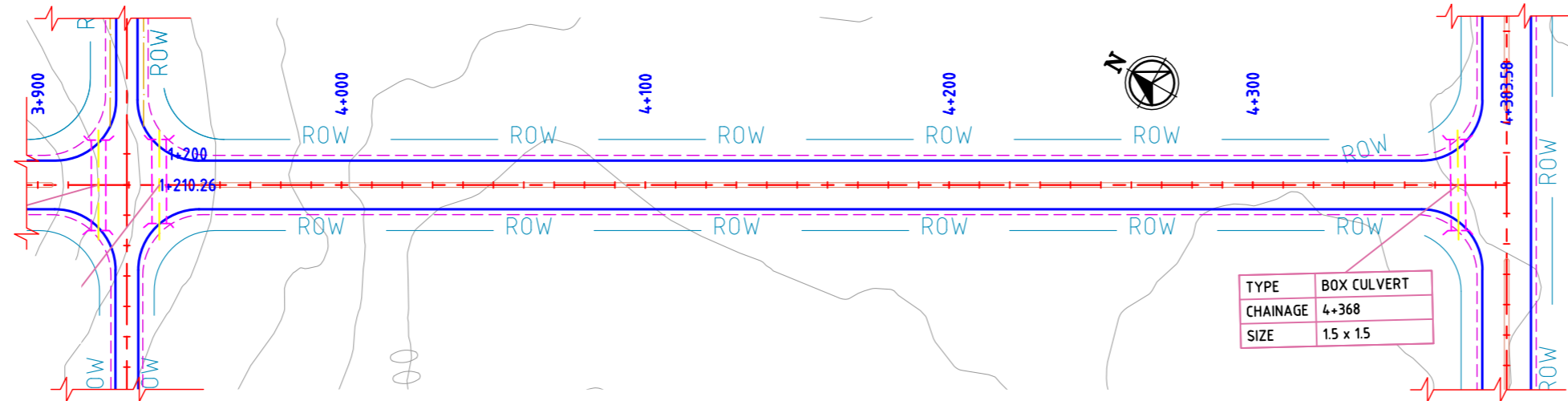
DRAWING NO: DDP007

REV: A

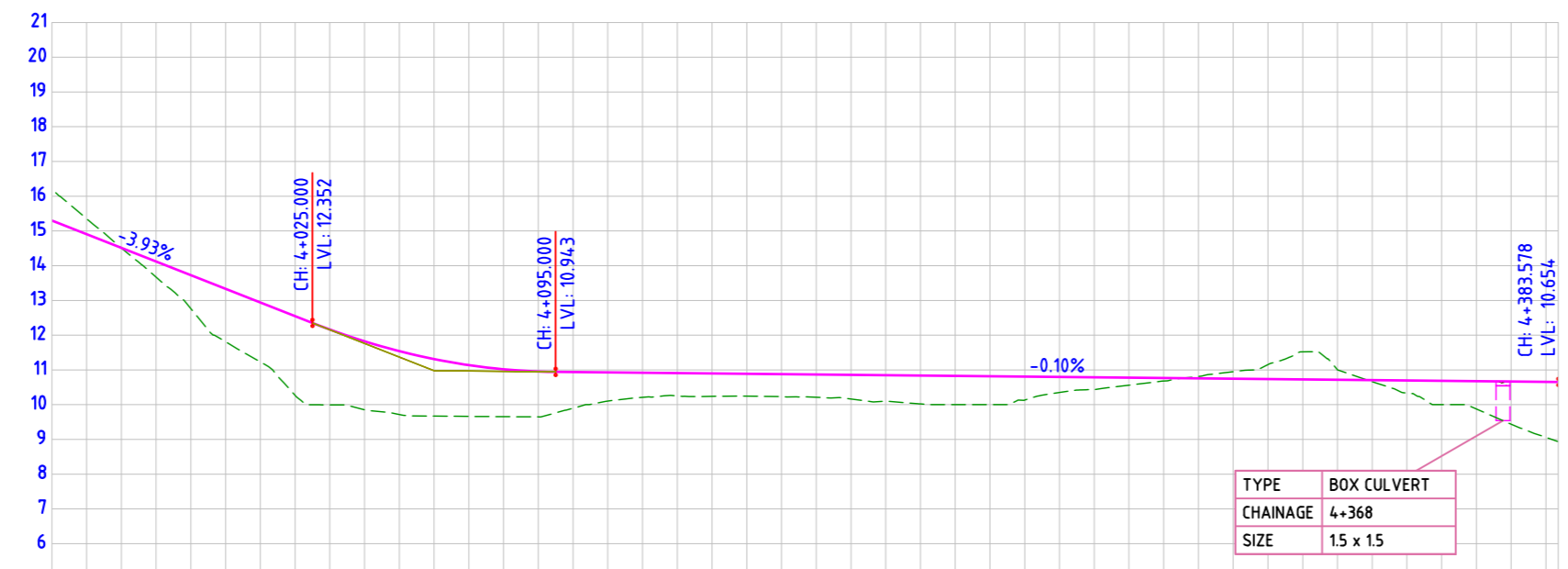
L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)

AUTO PATH: X:\ROADS\2023\12\27\04 - DETAIL DESIGN FOR APIC\DRAWINGS\44-ROADS\RA-PLAN & PROFILES\DDP002-DDP025-RA-PLAN AND PROFILE - 35-01-33-01 TO 32-46 & 30-01 TO 30-09.DWG

plot scale

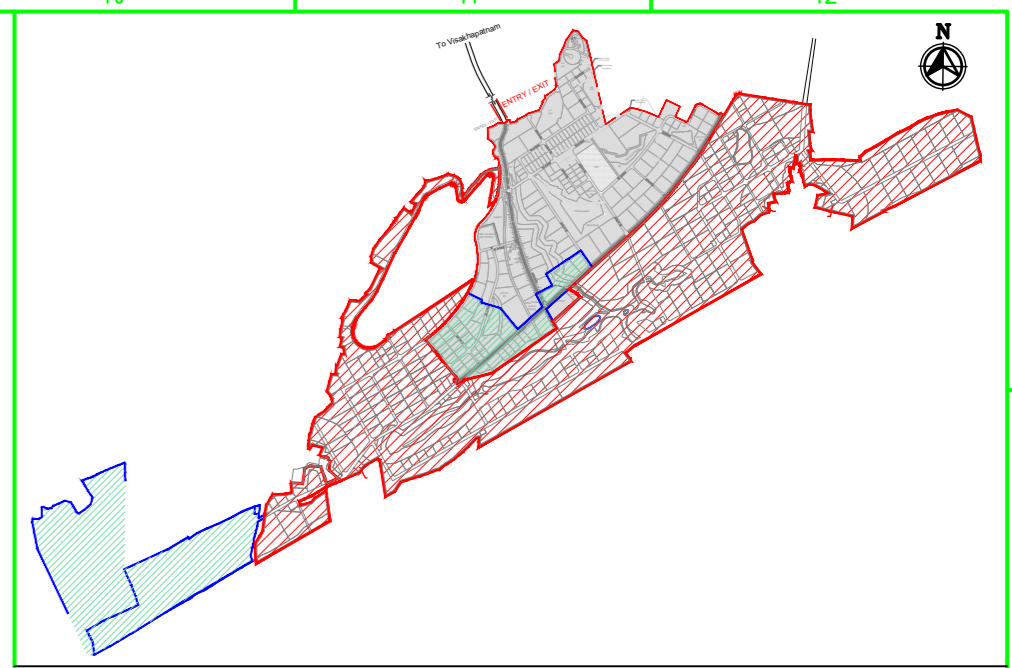


ROAD: 32-06
PLAN

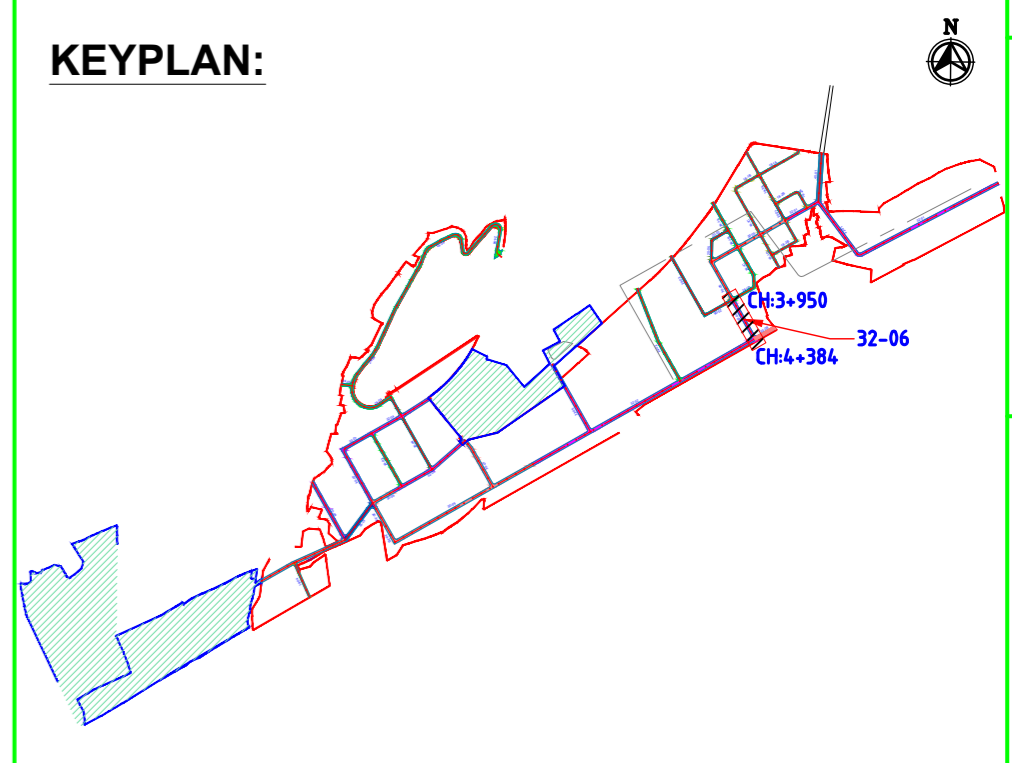


FINISHED ROAD LEVELS	EXISTING GROUND LEVEL	LEVEL DIFFERENCE	HORIZONTAL ALIGNMENT	VERTICAL SCHEMATIC	TCS TYPE	DESIGN CHAINAGE
15.297	16.199	-0.902	L=433.577	G=-3.927% L=213.676	TYPE-3A/1	3+950.00
14.904	15.353	-0.449				3+960.00
14.512	14.508	0.004	K=18.292 L=70.000	TYPE-3A	3+970.00	
14.119	13.671	0.448			3+980.00	
13.726	12.766	0.960	G=-0.100% L=288.578	TYPE-3A/1	4+000.00	
13.334	11.811	1.522			4+010.00	
12.941	11.230	1.711	TYPE-3A	TYPE-3A	4+020.00	
12.548	10.268	2.280			4+030.00	
12.162	9.994	2.169	TYPE-3A/1	TYPE-3A	4+040.00	
11.824	9.852	1.973			4+050.00	
11.541	9.717	1.824	TYPE-3A	TYPE-3A	4+060.00	
11.312	9.672	1.641			4+070.00	
11.138	9.662	1.477	TYPE-3A/1	TYPE-3A	4+080.00	
10.954	9.655	1.364			4+090.00	
10.938	9.649	1.306	TYPE-3A	TYPE-3A	4+100.00	
10.928	9.897	1.041			4+110.00	
10.918	10.103	0.825	TYPE-3A/1	TYPE-3A	4+120.00	
10.908	10.212	0.706			4+130.00	
10.898	10.252	0.655	TYPE-3A	TYPE-3A	4+140.00	
10.888	10.246	0.658			4+150.00	
10.878	10.246	0.642	TYPE-3A/1	TYPE-3A	4+160.00	
10.868	10.232	0.646			4+170.00	
10.858	10.212	0.655	TYPE-3A	TYPE-3A	4+180.00	
10.848	10.161	0.697			4+190.00	
10.838	10.100	0.748	TYPE-3A/1	TYPE-3A	4+200.00	
10.828	10.022	0.816			4+210.00	
10.818	10.000	0.828	TYPE-3A	TYPE-3A	4+220.00	
10.808	10.134	0.674			4+230.00	
10.798	10.351	0.447	TYPE-3A/1	TYPE-3A	4+240.00	
10.788	10.434	0.354			4+250.00	
10.778	10.562	0.216	TYPE-3A	TYPE-3A	4+260.00	
10.768	10.680	0.087			4+270.00	
10.758	10.758	-0.053	TYPE-3A/1	TYPE-3A	4+280.00	
10.748	10.949	-0.201			4+290.00	
10.738	11.154	-0.416	TYPE-3A	TYPE-3A	4+300.00	
10.728	11.519	-0.791			4+310.00	
10.718	11.005	-0.287	TYPE-3A/1	TYPE-3A	4+320.00	
10.708	10.661	0.046			4+330.00	
10.698	10.332	0.366	TYPE-3A	TYPE-3A	4+340.00	
10.688	10.000	0.688			4+350.00	
10.678	9.874	0.803	TYPE-3A/1	TYPE-3A	4+360.00	
10.668	9.438	1.229			4+370.00	
10.658	9.059	1.599	TYPE-3A	TYPE-3A	4+380.00	
10.654	9.653	0.721			4+383.578	

ROAD: 32-06
LONGITUDINAL PROFILE



MASTER PLAN



KEYPLAN:

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

- 45m ROW
- 35m ROW
- 32m ROW
- 30m ROW
- 24m ROW
- 20m ROW
- 18m ROW
- BOUNDARY
- FUTURE EXPANSION

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

FOR TENDER PURPOSE ONLY

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 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN.	INIT. APPROVED	SIGN.
		A	240124	2	TEMPLATE REVISED	BVN	DVM	ABS	Sd/-	BRT	
		0	231127	2	FOR APPROVAL	BVN	DVM	ABS	Sd/-	BRT	Sd/-

REVISIONS

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: ROAD: 32-06
PLAN & PROFILE FROM CH: 3+950 TO CH 4+383

PROJECT NO: C1232704

COP: SCALE: HOR - 1:2000
VER - 1:200

DRAWING NO: DDP008

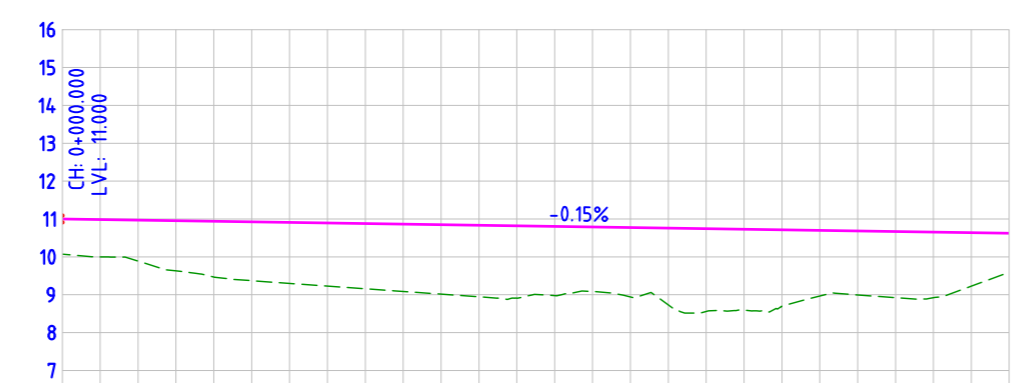
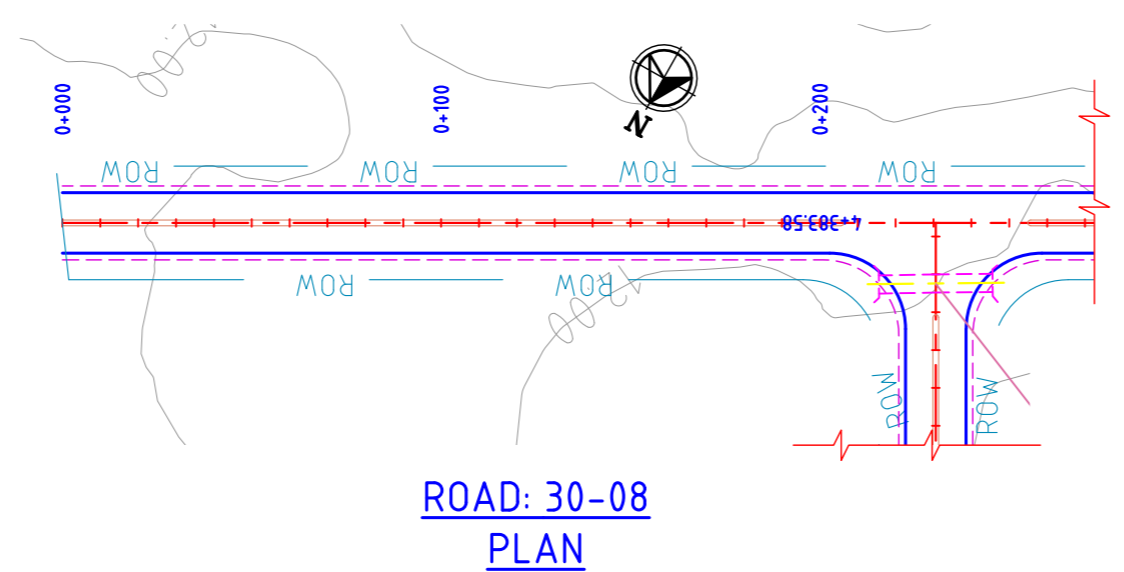
REV: A

L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)

AUTO PATH: X:\ROADS\2023\1232704 - DETAIL DESIGN FOR APBDDP\WORKING\DRAWINGS\44-ROADS\RAVPLAN & PROFILES\DDP002-DDP025-RA-PLAN AND PROFILE - 35-0132-01 TO 32-06 & 30-01 TO 30-09.DWG

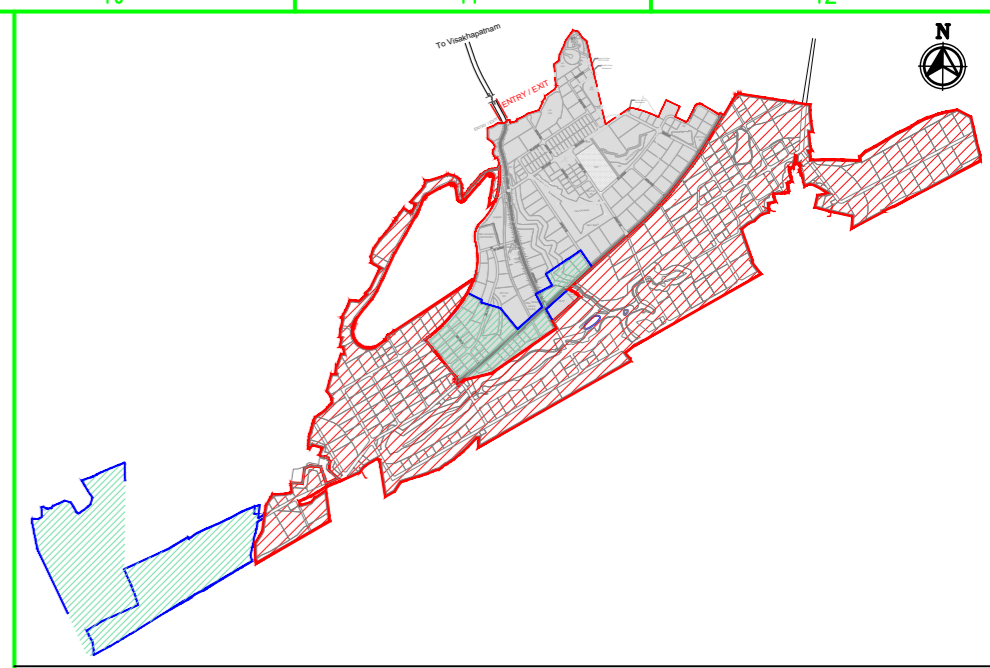
This drawing is the property of L&T Infrastructure Engineering Ltd. and must not be passed on to any other person or body without our prior permission in writing. PATH: REFER BOTTOM LEFT CORNER OF THE DRAWING

plot scale 50mm

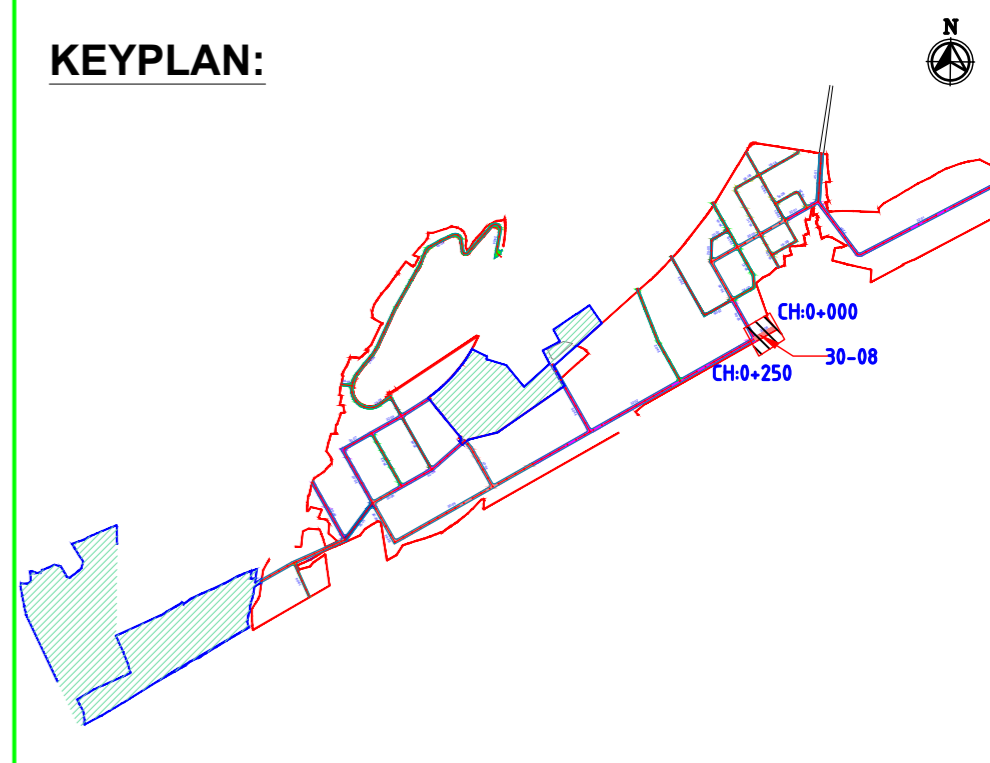


FINISHED ROAD LEVELS	11.000 10.985	10.970 10.955	10.940 10.925	10.910 10.895	10.880 10.865	10.850 10.835	10.820 10.805	10.790 10.775	10.760 10.745	10.730 10.715	10.700 10.685	10.670 10.655	10.640 10.625													
EXISTING GROUND LEVEL	10.071 9.998	9.887 9.800	9.630 9.540	9.467 9.371	9.300 9.228	9.157 9.086	9.015 8.945	8.910 8.836	8.976 8.942	8.731 8.560	8.699 8.595	8.968 8.996	8.924 8.925	10.640 9.555												
LEVEL DIFFERENCE	0.929 0.987	1.083 1.178	1.325 1.400	1.473 1.554	1.610 1.667	1.723 1.779	1.835 1.890	1.910 1.929	1.706 1.833	2.029 2.185	2.135 2.016	1.732 1.689	1.748 1.731	1.445 1.030												
HORIZONTAL ALIGNMENT	L=250.000																									
VERTICAL SCHEMATIC	G=-0.150%																									
TCS TYPE	TYPE-4C																									
DESIGN CHAINAGE	0+000.00	0+010.00	0+020.00	0+030.00	0+040.00	0+050.00	0+060.00	0+070.00	0+080.00	0+090.00	0+100.00	0+110.00	0+120.00	0+130.00	0+140.00	0+150.00	0+160.00	0+170.00	0+180.00	0+190.00	0+200.00	0+210.00	0+220.00	0+230.00	0+240.00	0+250.00

ROAD: 30-08
LONGITUDINAL PROFILE



MASTER PLAN



KEYPLAN:

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

- 45m ROW
- 20m ROW
- 35m ROW
- 18m ROW
- 32m ROW
- BOUNDARY
- 30m ROW
- FUTURE EXPANSION
- 24m ROW

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

FOR TENDER PURPOSE ONLY

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 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
		A	24/01/24	2	TEMPLATE REVISED	BVN	DVM	ABSR	BRT
		0	23/11/27	2	FOR APPROVAL	BVN	DVM	ABSR	Sd/-

STATUS CODES: 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: ROAD: 30-08
PLAN & PROFILE FROM CH: 0+000 TO CH 0+250

PROJECT NO: C1232704

COP: SCALE: HOR - 1:2000
VER - 1:200

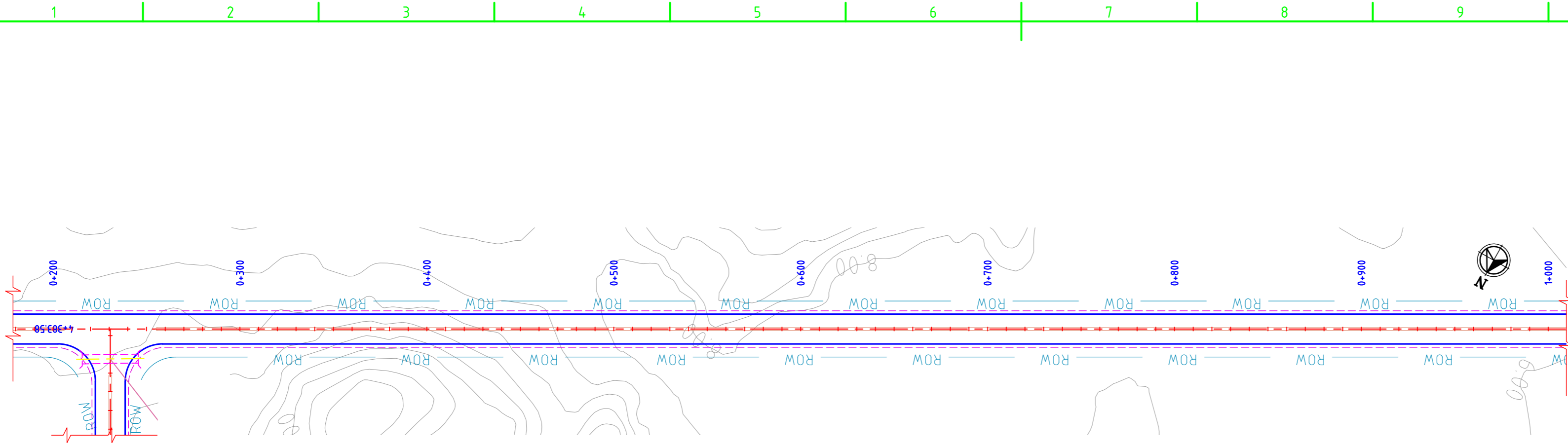
DRAWING NO: DDP009 REV: A

L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)

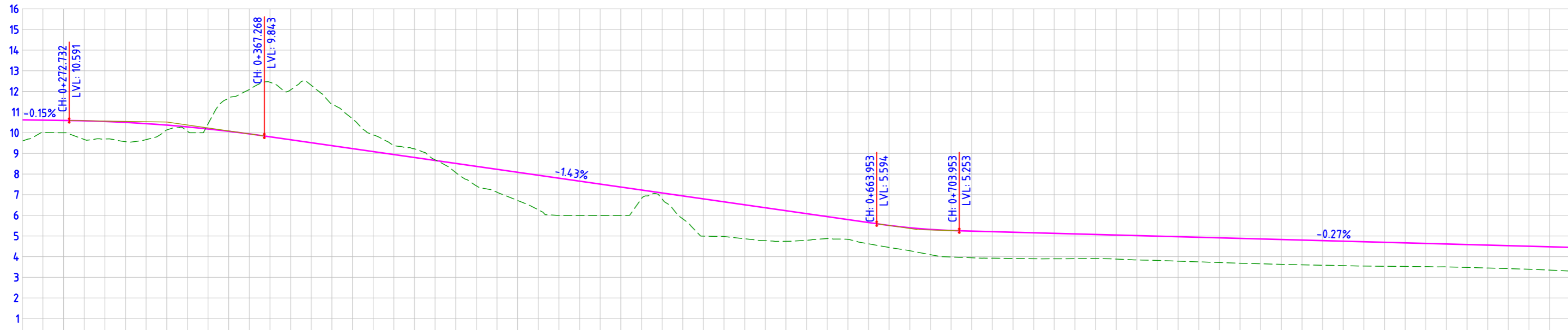
AUTO PATH: X:\ROADS\2023\1232704 - DETAIL DESIGN FOR APBDD\WORKING\DRAWINGS\04-ROADS\PLAN & PROFILE\DDP002-DDP029-RA-PLAN AND PROFILE - 35-01-33-01 TO 30-01 TO 30-09.DWG

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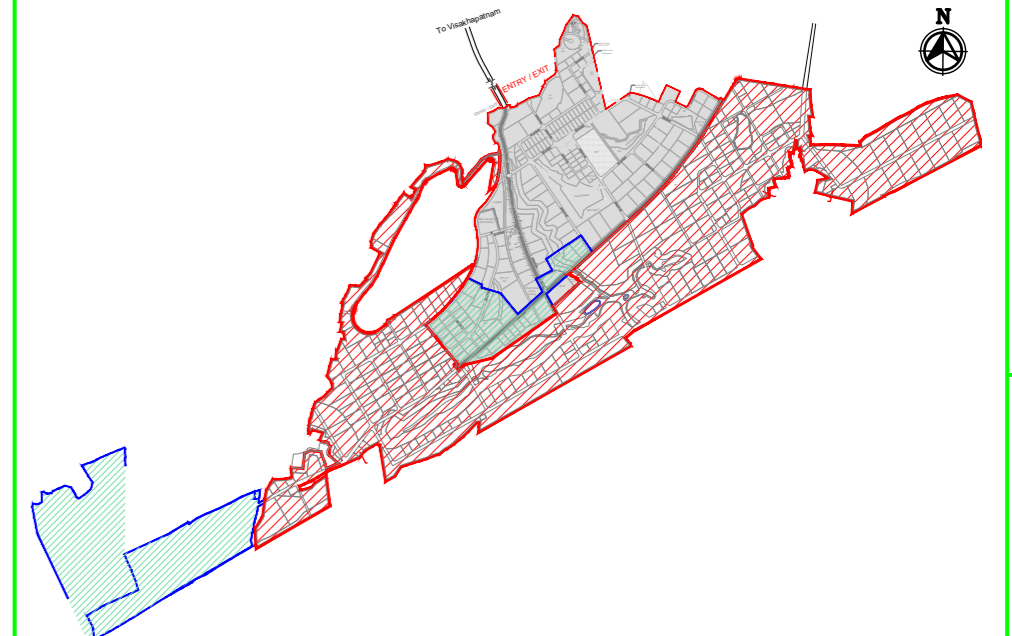


ROAD: 32-02
PLAN

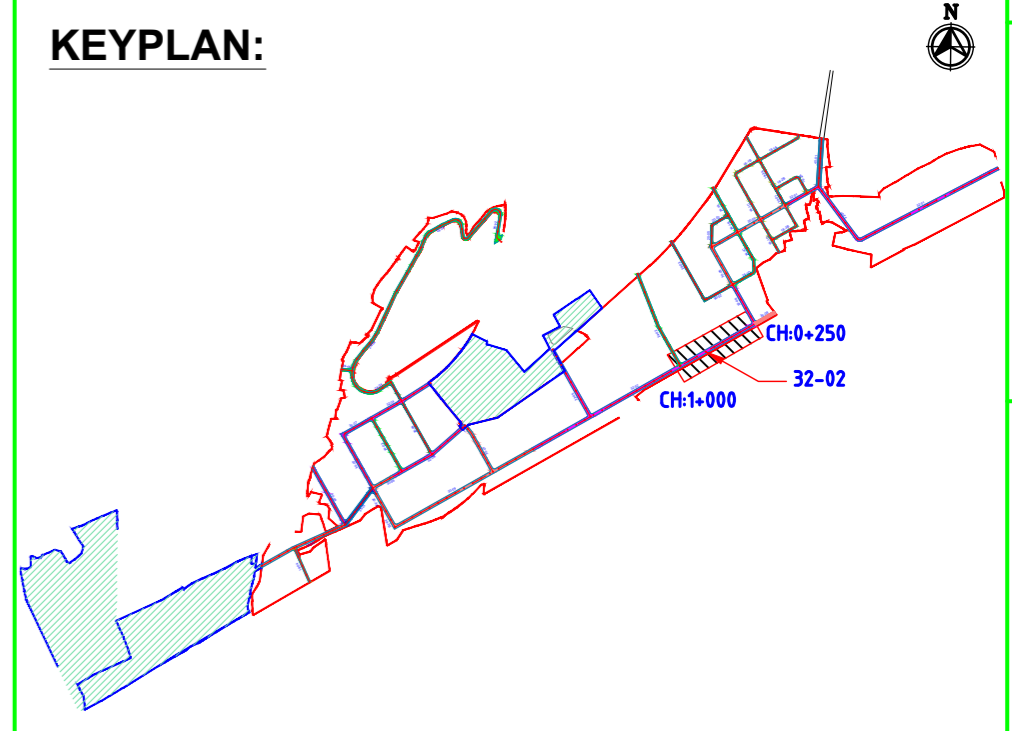


STATION	FINISHED ROAD LEVELS	EXISTING GROUND LEVEL	LEVEL DIFFERENCE
0+250.00	10.625	9.595	1.030
0+260.00	10.610	10.003	0.607
0+270.00	10.595	9.999	0.596
0+280.00	10.576	9.674	0.903
0+290.00	10.545	9.695	0.850
0+300.00	10.500	9.566	0.933
0+310.00	10.441	9.666	0.774
0+320.00	10.368	10.133	0.235
0+330.00	10.283	10.075	0.207
0+340.00	10.183	10.428	-0.245
0+350.00	10.070	11.673	-1.602
0+360.00	9.944	12.090	-2.147
0+370.00	9.804	12.443	-2.639
0+380.00	9.661	12.077	-2.416
0+390.00	9.517	12.293	-2.776
0+400.00	9.374	11.373	-1.999
0+410.00	9.231	10.676	-1.444
0+420.00	9.088	9.895	-0.807
0+430.00	8.945	9.392	-0.447
0+440.00	8.801	9.219	-0.417
0+450.00	8.658	8.690	-0.032
0+460.00	8.515	8.074	0.441
0+470.00	8.372	7.429	0.942
0+480.00	8.229	7.119	1.109
0+490.00	8.085	6.719	1.367
0+500.00	7.942	6.268	1.674
0+510.00	7.799	6.000	1.799
0+520.00	7.656	5.997	1.659
0+530.00	7.512	5.994	1.518
0+540.00	7.369	5.998	1.371
0+550.00	7.226	6.810	0.416
0+560.00	7.083	6.793	0.289
0+570.00	6.940	5.830	1.109
0+580.00	6.796	4.994	1.803
0+590.00	6.653	4.976	1.677
0+600.00	6.510	4.867	1.643
0+610.00	6.367	4.774	1.593
0+620.00	6.224	4.745	1.479
0+630.00	6.080	4.795	1.285
0+640.00	5.937	4.873	1.064
0+650.00	5.794	4.838	0.956
0+660.00	5.651	4.621	1.029
0+670.00	5.513	4.446	1.067
0+680.00	5.402	4.286	1.116
0+690.00	5.319	4.097	1.222
0+700.00	5.266	3.984	1.283
0+710.00	5.237	3.946	1.290
0+720.00	5.210	3.926	1.284
0+730.00	5.183	3.913	1.270
0+740.00	5.155	3.900	1.255
0+750.00	5.128	3.897	1.231
0+760.00	5.101	3.902	1.199
0+770.00	5.074	3.907	1.167
0+780.00	5.047	3.882	1.164
0+790.00	5.020	3.840	1.179
0+800.00	4.992	3.817	1.175
0+810.00	4.965	3.783	1.182
0+820.00	4.938	3.749	1.189
0+830.00	4.911	3.715	1.196
0+840.00	4.884	3.683	1.201
0+850.00	4.856	3.656	1.201
0+860.00	4.829	3.629	1.200
0+870.00	4.802	3.604	1.198
0+880.00	4.775	3.586	1.189
0+890.00	4.748	3.567	1.176
0+900.00	4.721	3.545	1.158
0+910.00	4.693	3.535	1.158
0+920.00	4.666	3.526	1.140
0+930.00	4.639	3.517	1.122
0+940.00	4.612	3.505	1.107
0+950.00	4.585	3.479	1.106
0+960.00	4.558	3.451	1.107
0+970.00	4.530	3.421	1.109
0+980.00	4.503	3.391	1.112
0+990.00	4.476	3.351	1.125
1+000.00	4.449	3.303	1.146

ROAD: 32-02
LONGITUDINAL PROFILE



MASTER PLAN



NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

	45m ROW		20m ROW
	35m ROW		18m ROW
	32m ROW		BOUNDARY
	30m ROW		FUTURE EXPANSION
	24m ROW		

PLAN LEGEND:

	CENTERLINE
	MEDIAN
	CARRIAGEWAY
	PAVED SHOULDER
	EARTHEN SHOULDER
	ROW

SHEET 1 OF 4

FOR TENDER PURPOSE ONLY

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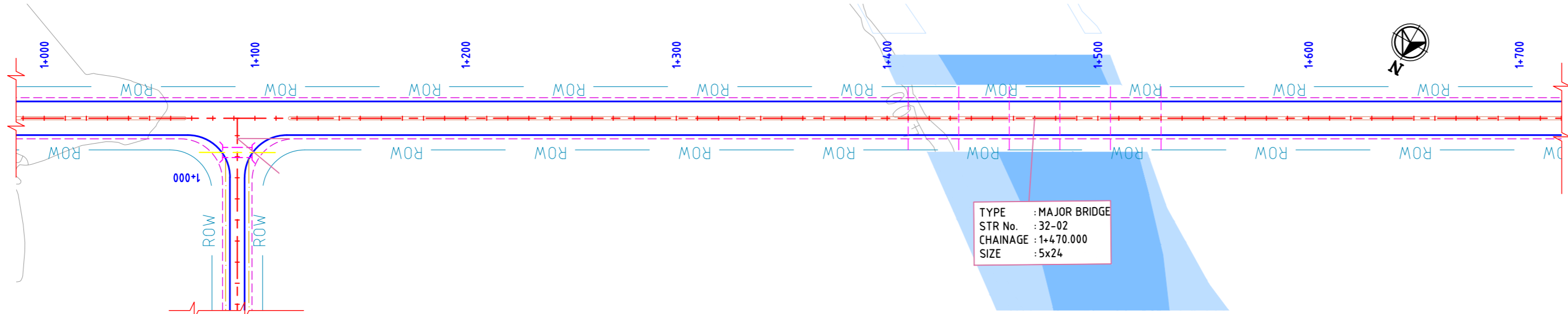
DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN.	INIT. APPROVED	SIGN.
		A	24/01/24	2	TEMPLATE REVISED						
		0	23/11/27	2	FOR APPROVAL						

REVISIONS

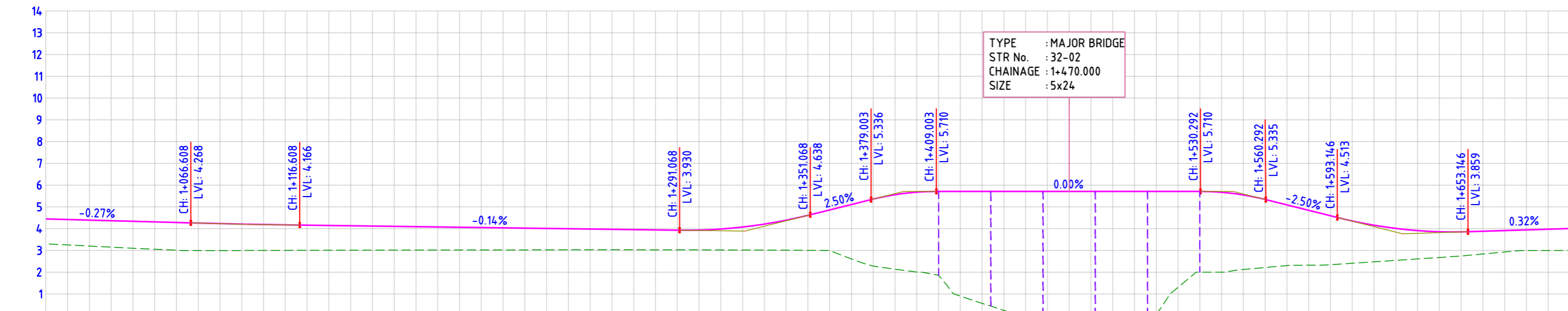
STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT:	ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH
TITLE:	ROAD: 32-02 PLAN & PROFILE FROM CH: 0+250 TO CH 1+000
PROJECT NO:	C1232704
COP:	
SCALE:	HOR - 1:2000 VER - 1:200
DRAWING NO:	DDP010
REV:	A

AUTO PATH: X:\ROADS\2023\1232704 - DETAIL DESIGN FOR APBDD\WORKING\DRAWINGS\44-ROADS\RA-PLAN AND PROFILE-35-0132-01 TO 32-06 & 30-01 TO 30-09.DWG

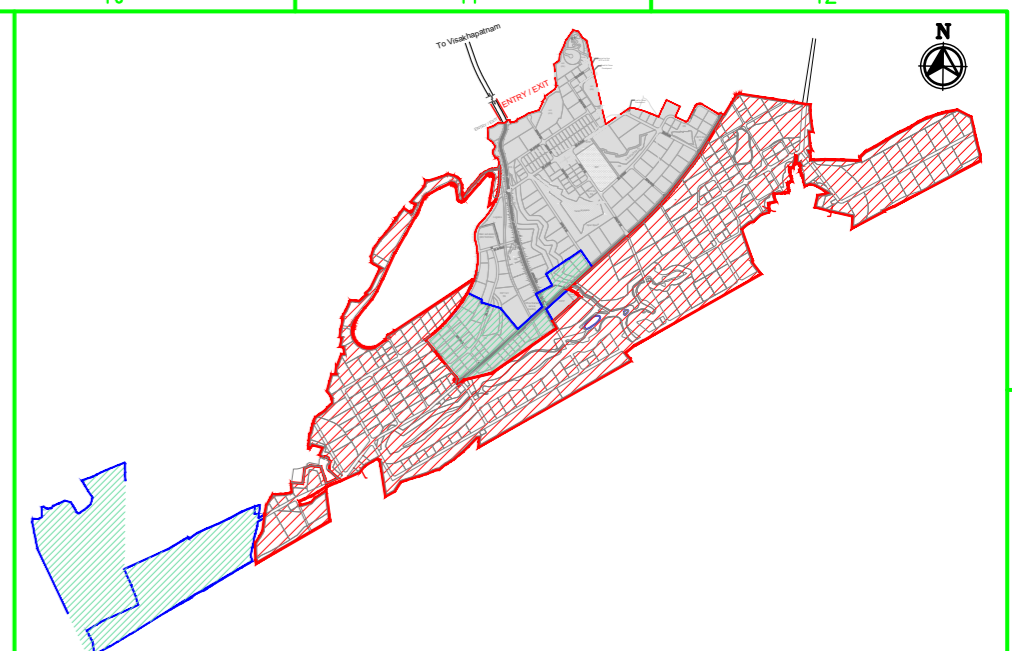


ROAD: 32-02
PLAN

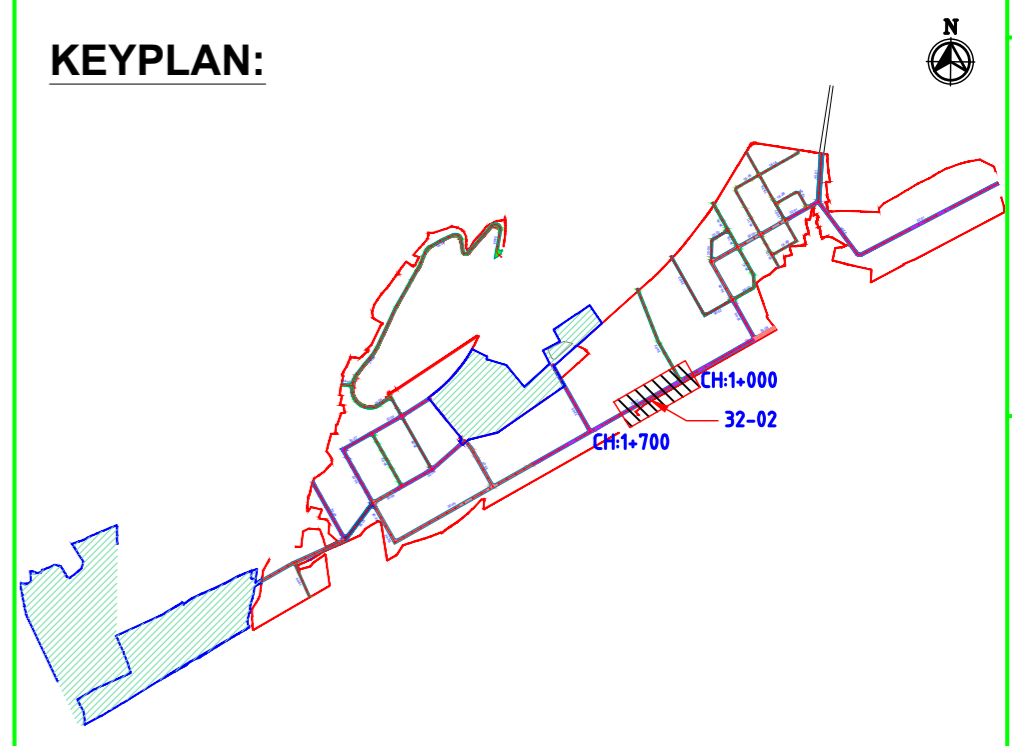


ROAD: 32-02
LONGITUDINAL PROFILE

FINISHED ROAD LEVELS	EXISTING GROUND LEVEL	LEVEL DIFFERENCE	HORIZONTAL ALIGNMENT	VERTICAL SCHEMATIC	TCS TYPE	DESIGN CHAINAGE
4.449	3.303	1.146	L=700.000	G=-0.272% L=362.655	TYPE-3A	1+000.00
4.422	3.251	1.170				1+010.00
4.395	3.200	1.195	K=366.837 L=50.000	G=-0.135% L=174.460	1+020.00	
4.367	3.150	1.217			1+030.00	
4.340	3.100	1.240	K=22.798 L=60.000	G=2.496% L=27.935	1+040.00	
4.313	3.050	1.258			1+050.00	
4.286	3.011	1.275	K=12.017 L=30.000	G=0.000% L=121.289	1+060.00	
4.259	2.971	1.286			1+070.00	
4.234	2.933	1.241	K=11.998 L=30.000	G=-2.501% L=32.854	1+080.00	
4.212	2.900	1.212			1+090.00	
4.192	2.872	1.190	K=21.286 L=60.000	G=0.318% L=456.262	1+100.00	
4.176	2.844	1.171			1+110.00	
4.162	2.837	1.155	K=21.286 L=60.000	G=0.318% L=456.262	1+120.00	
4.148	2.837	1.139			1+130.00	
4.134	2.837	1.125	K=21.286 L=60.000	G=0.318% L=456.262	1+140.00	
4.121	2.837	1.108			1+150.00	
4.107	2.837	1.093	K=21.286 L=60.000	G=0.318% L=456.262	1+160.00	
4.094	2.837	1.077			1+170.00	
4.080	2.837	1.061	K=21.286 L=60.000	G=0.318% L=456.262	1+180.00	
4.067	2.837	1.046			1+190.00	
4.053	2.837	1.030	K=21.286 L=60.000	G=0.318% L=456.262	1+200.00	
4.040	2.837	1.018			1+210.00	
4.026	2.837	1.002	K=21.286 L=60.000	G=0.318% L=456.262	1+220.00	
4.013	2.837	0.984			1+230.00	
4.003	2.837	0.969	K=21.286 L=60.000	G=0.318% L=456.262	1+240.00	
3.999	2.837	0.953			1+250.00	
3.986	2.837	0.940	K=21.286 L=60.000	G=0.318% L=456.262	1+260.00	
3.972	2.837	0.928			1+270.00	
3.958	2.837	0.916	K=21.286 L=60.000	G=0.318% L=456.262	1+280.00	
3.945	2.837	0.903			1+290.00	
3.931	2.837	0.908	K=21.286 L=60.000	G=0.318% L=456.262	1+300.00	
3.935	2.837	0.960			1+310.00	
3.983	2.837	1.055	K=21.286 L=60.000	G=0.318% L=456.262	1+320.00	
4.074	2.837	1.194			1+330.00	
4.210	2.837	1.378	K=21.286 L=60.000	G=0.318% L=456.262	1+340.00	
4.389	2.837	1.606			1+350.00	
4.612	2.837	1.865	K=21.286 L=60.000	G=0.318% L=456.262	1+360.00	
4.861	2.837	2.501			1+370.00	
5.111	2.837	3.076	K=21.286 L=60.000	G=0.318% L=456.262	1+380.00	
5.360	2.837	3.420			1+390.00	
5.560	2.837	3.670	K=21.286 L=60.000	G=0.318% L=456.262	1+400.00	
5.710	2.837	3.850			1+410.00	
5.710	2.837	4.007	K=21.286 L=60.000	G=0.318% L=456.262	1+420.00	
5.710	2.837	5.144			1+430.00	
5.710	2.837	5.462	K=21.286 L=60.000	G=0.318% L=456.262	1+440.00	
5.710	2.837	5.710			1+450.00	
5.710	2.837	5.710	K=21.286 L=60.000	G=0.318% L=456.262	1+460.00	
5.710	2.837	5.710			1+470.00	
5.710	2.837	5.710	K=21.286 L=60.000	G=0.318% L=456.262	1+480.00	
5.710	2.837	5.710			1+490.00	
5.710	2.837	5.651	K=21.286 L=60.000	G=0.318% L=456.262	1+500.00	
5.710	2.837	4.402			1+510.00	
5.710	2.837	3.709	K=21.286 L=60.000	G=0.318% L=456.262	1+520.00	
5.710	2.837	3.669			1+530.00	
5.710	2.837	3.423	K=21.286 L=60.000	G=0.318% L=456.262	1+540.00	
5.710	2.837	3.127			1+550.00	
5.710	2.837	2.787	K=21.286 L=60.000	G=0.318% L=456.262	1+560.00	
5.710	2.837	2.521			1+570.00	
5.710	2.837	2.248	K=21.286 L=60.000	G=0.318% L=456.262	1+580.00	
5.710	2.837	1.943			1+590.00	
5.710	2.837	1.682	K=21.286 L=60.000	G=0.318% L=456.262	1+600.00	
5.710	2.837	1.468			1+610.00	
5.710	2.837	1.301	K=21.286 L=60.000	G=0.318% L=456.262	1+620.00	
5.710	2.837	1.181			1+630.00	
5.710	2.837	1.104	K=21.286 L=60.000	G=0.318% L=456.262	1+640.00	
5.710	2.837	1.044			1+650.00	
5.710	2.837	0.984	K=21.286 L=60.000	G=0.318% L=456.262	1+660.00	
5.710	2.837	0.944			1+670.00	
5.710	2.837	0.976	K=21.286 L=60.000	G=0.318% L=456.262	1+680.00	
5.710	2.837	1.007			1+690.00	
5.710	2.837	1.007	K=21.286 L=60.000	G=0.318% L=456.262	1+700.00	



MASTER PLAN



KEYPLAN:

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

	45m ROW		20m ROW
	35m ROW		18m ROW
	32m ROW		BOUNDARY
	30m ROW		FUTURE EXPANSION
	24m ROW		

PLAN LEGEND:

	CENTERLINE
	MEDIAN
	CARRIAGEWAY
	PAVED SHOULDER
	EARTHEN SHOULDER
	ROW

SHEET 2 OF 4

FOR TENDER PURPOSE ONLY

- NOTES:
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 - REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

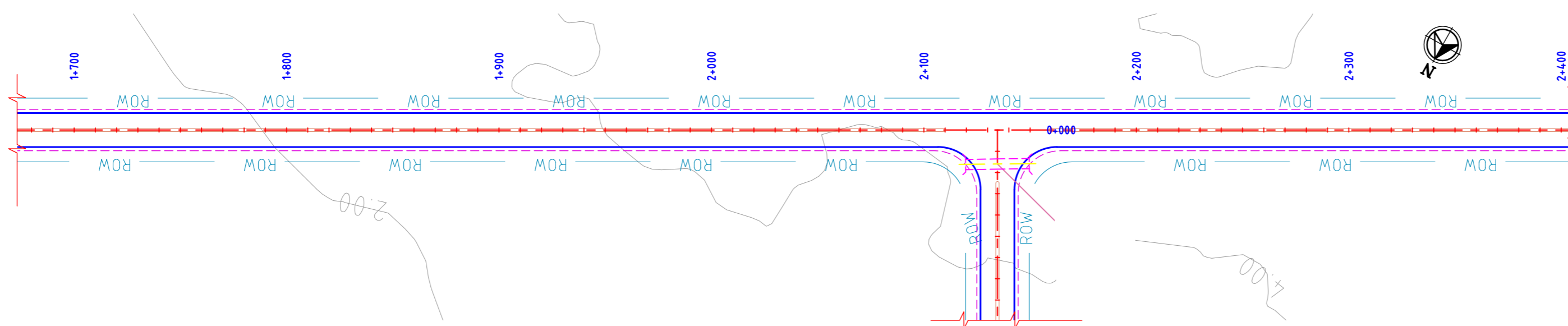
DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN.	INIT. APPROVED	SIGN.
		A	240124	2	TEMPLATE REVISED	BVN	DVM	ABS	BRT		
		0	231127	2	FOR APPROVAL	BVN	DVM	ABS	Sd/-	BRT	Sd/-

REVISIONS

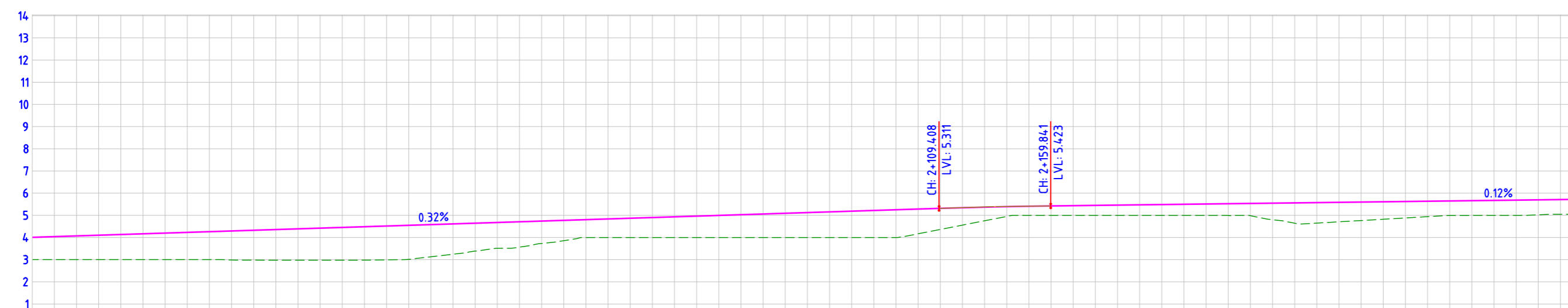
STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT:	ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)	PROJECT NO:	C1232704
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH	COP:	
TITLE:	ROAD: 32-02 PLAN & PROFILE FROM CH: 1+000 TO CH 1+700	SCALE:	HOR - 1:2000 VER - 1:200
		DRAWING NO:	DDP011
		REV:	A

AUTO PATH: X:\ROADS\2023\1232704 - DETAIL DESIGN FOR APBDD\WORKING\DRAWINGS\44-ROADS\BRAN\PLAN & PROFILE\35-0132-01 TO 32-06 & 30-01 TO 30-09.DWG

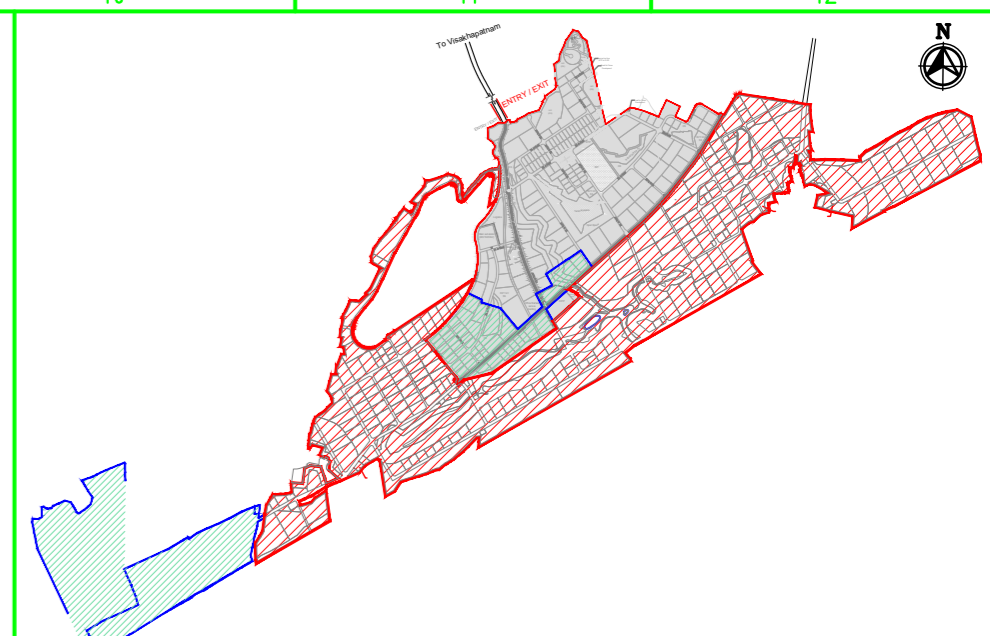


**ROAD: 32-02
PLAN**

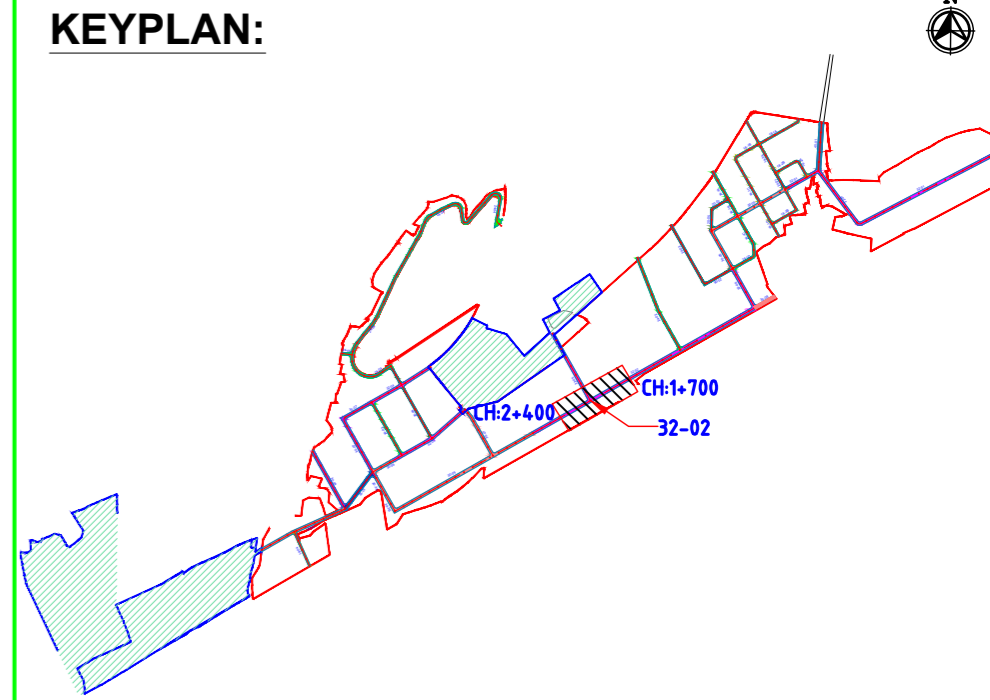


FINISHED ROAD LEVELS		EXISTING GROUND LEVEL		LEVEL DIFFERENCE	
1+700.00	4.008	3.000	1.007	1.007	
1+710.00	4.040	3.000	1.039	1.039	
1+720.00	4.072	3.001	1.071	1.071	
1+730.00	4.103	3.001	1.103	1.103	
1+740.00	4.135	3.000	1.135	1.135	
1+750.00	4.167	3.000	1.167	1.167	
1+760.00	4.199	3.000	1.199	1.199	
1+770.00	4.231	3.000	1.231	1.231	
1+780.00	4.262	3.000	1.263	1.263	
1+790.00	4.294	3.007	1.307	1.307	
1+800.00	4.326	2.979	1.347	1.347	
1+810.00	4.358	2.976	1.382	1.382	
1+820.00	4.390	2.975	1.415	1.415	
1+830.00	4.422	2.975	1.446	1.446	
1+840.00	4.453	2.976	1.477	1.477	
1+850.00	4.485	2.979	1.506	1.506	
1+860.00	4.517	2.990	1.527	1.527	
1+870.00	4.549	3.015	1.534	1.534	
1+880.00	4.581	3.130	1.451	1.451	
1+890.00	4.613	3.245	1.368	1.368	
1+900.00	4.644	3.387	1.258	1.258	
1+910.00	4.676	3.514	1.162	1.162	
1+920.00	4.708	3.565	1.144	1.144	
1+930.00	4.740	3.730	1.010	1.010	
1+940.00	4.772	3.856	0.916	0.916	
1+950.00	4.804	4.000	0.804	0.804	
1+960.00	4.835	4.000	0.835	0.835	
1+970.00	4.867	4.000	0.867	0.867	
1+980.00	4.899	4.000	0.899	0.899	
1+990.00	4.931	4.000	0.931	0.931	
2+000.00	4.963	4.000	0.963	0.963	
2+010.00	4.995	4.000	0.995	0.995	
2+020.00	5.026	4.000	1.026	1.026	
2+030.00	5.058	4.000	1.058	1.058	
2+040.00	5.090	4.000	1.090	1.090	
2+050.00	5.122	4.000	1.122	1.122	
2+060.00	5.154	4.000	1.154	1.154	
2+070.00	5.186	4.000	1.186	1.186	
2+080.00	5.217	3.998	1.219	1.219	
2+090.00	5.249	4.000	1.249	1.249	
2+100.00	5.281	4.167	1.114	1.114	
2+110.00	5.313	4.362	0.950	0.950	
2+120.00	5.343	4.558	0.784	0.784	
2+130.00	5.368	4.754	0.614	0.614	
2+140.00	5.390	4.950	0.441	0.441	
2+150.00	5.408	5.000	0.408	0.408	
2+160.00	5.423	5.001	0.422	0.422	
2+170.00	5.435	5.001	0.434	0.434	
2+180.00	5.448	5.001	0.446	0.446	
2+190.00	5.460	5.001	0.459	0.459	
2+200.00	5.472	5.000	0.473	0.473	
2+210.00	5.485	5.000	0.485	0.485	
2+220.00	5.497	5.000	0.498	0.498	
2+230.00	5.510	5.000	0.510	0.510	
2+240.00	5.522	4.995	0.527	0.527	
2+250.00	5.535	4.982	0.553	0.553	
2+260.00	5.547	4.801	0.746	0.746	
2+270.00	5.559	4.645	0.915	0.915	
2+280.00	5.572	4.648	0.924	0.924	
2+290.00	5.584	4.706	0.878	0.878	
2+300.00	5.597	4.764	0.832	0.832	
2+310.00	5.609	4.822	0.787	0.787	
2+320.00	5.622	4.880	0.741	0.741	
2+330.00	5.634	4.940	0.695	0.695	
2+340.00	5.647	4.997	0.650	0.650	
2+350.00	5.659	4.998	0.661	0.661	
2+360.00	5.671	4.999	0.673	0.673	
2+370.00	5.684	4.999	0.684	0.684	
2+380.00	5.696	5.022	0.674	0.674	
2+390.00	5.709	5.048	0.661	0.661	
2+400.00	5.721	5.055	0.666	0.666	

**ROAD: 32-02
LONGITUDINAL PROFILE**



MASTER PLAN



KEYPLAN:

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

- 45m ROW
- 35m ROW
- 32m ROW
- 30m ROW
- 24m ROW
- 20m ROW
- 18m ROW
- BOUNDARY
- FUTURE EXPANSION

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

FOR TENDER PURPOSE ONLY

SHEET 3 OF 4

- NOTES:**
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REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT.	SIGN.	INIT.	SIGN.
A	240124	2	TEMPLATE REVISED	BVN	DVM	ABSR		BRT	
0	231127	2	FOR APPROVAL	BVN	DVM	ABSR	Sd/-	BRT	Sd/-

REVISIONS

DRAWING NO.	TITLE
REFERENCE DRAWINGS	

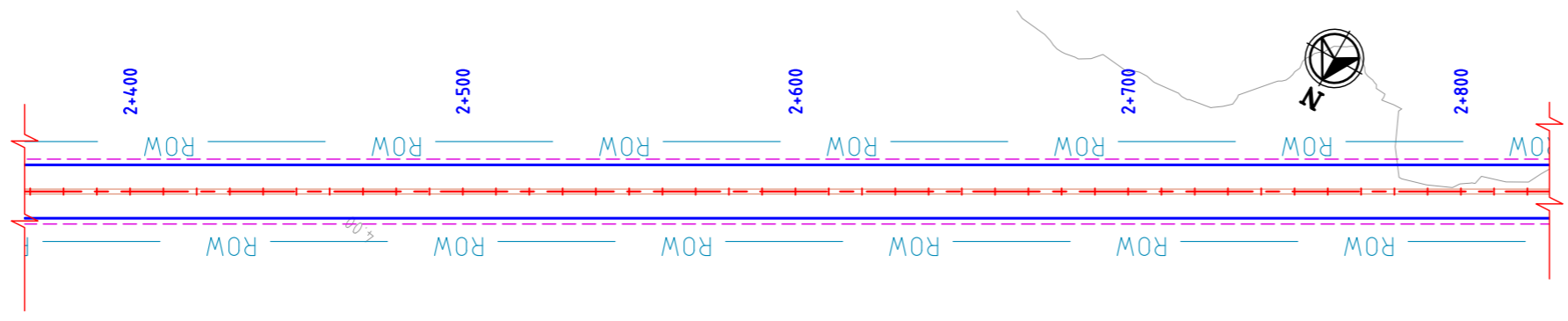
STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

This drawing is the property of L&T Infrastructure Engineering Ltd. and must not be passed on to any other person or body without our prior permission in writing.

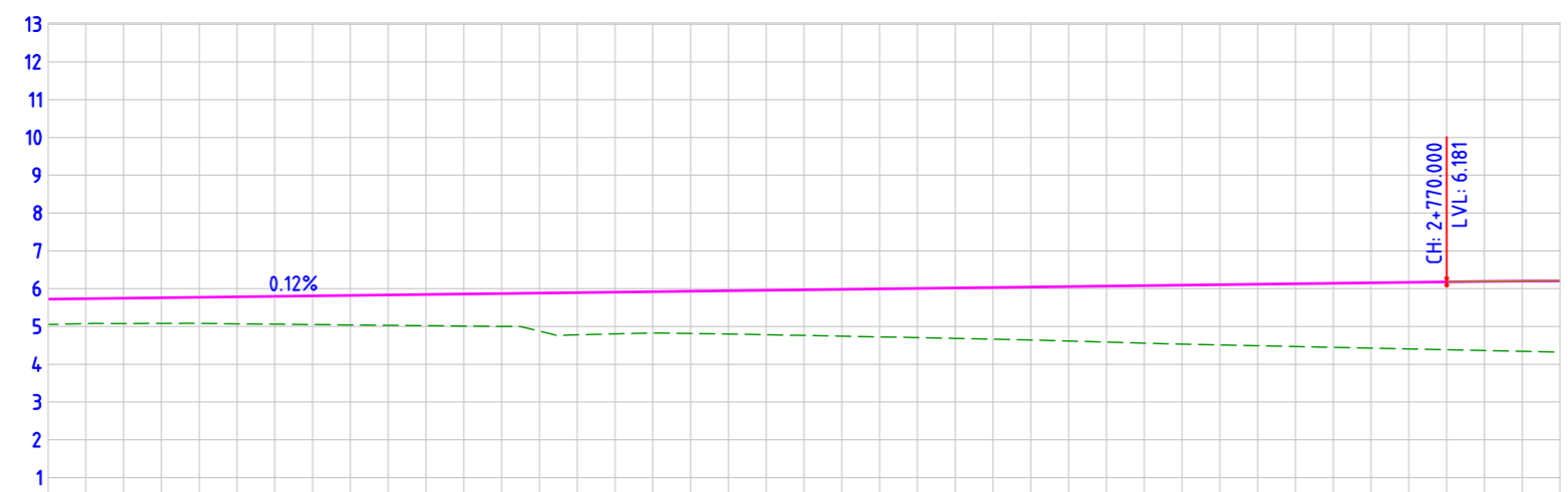
CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)	PROJECT NO: C1232704
PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH	SCALE: HOR - 1:2000 VER - 1:200
TITLE: ROAD: 32-02 PLAN & PROFILE FROM CH: 1+700 TO CH 2+400	DRAWING NO: DDP012
PATH: REFER BOTTOM LEFT CORNER OF THE DRAWING	REV: A



plot scale 50m

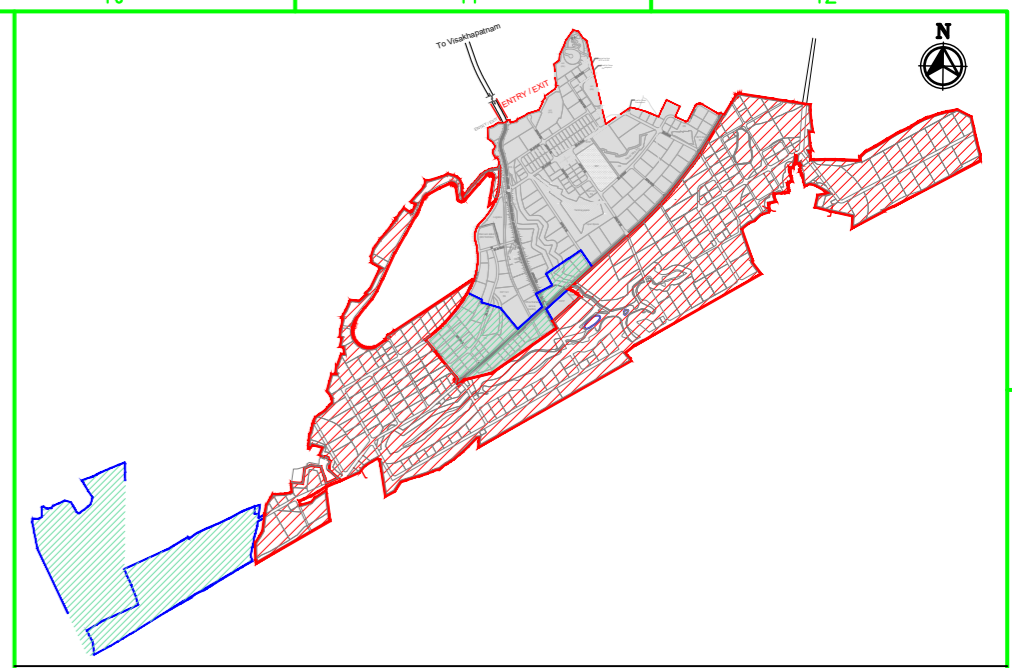


**ROAD: 32-02
PLAN**

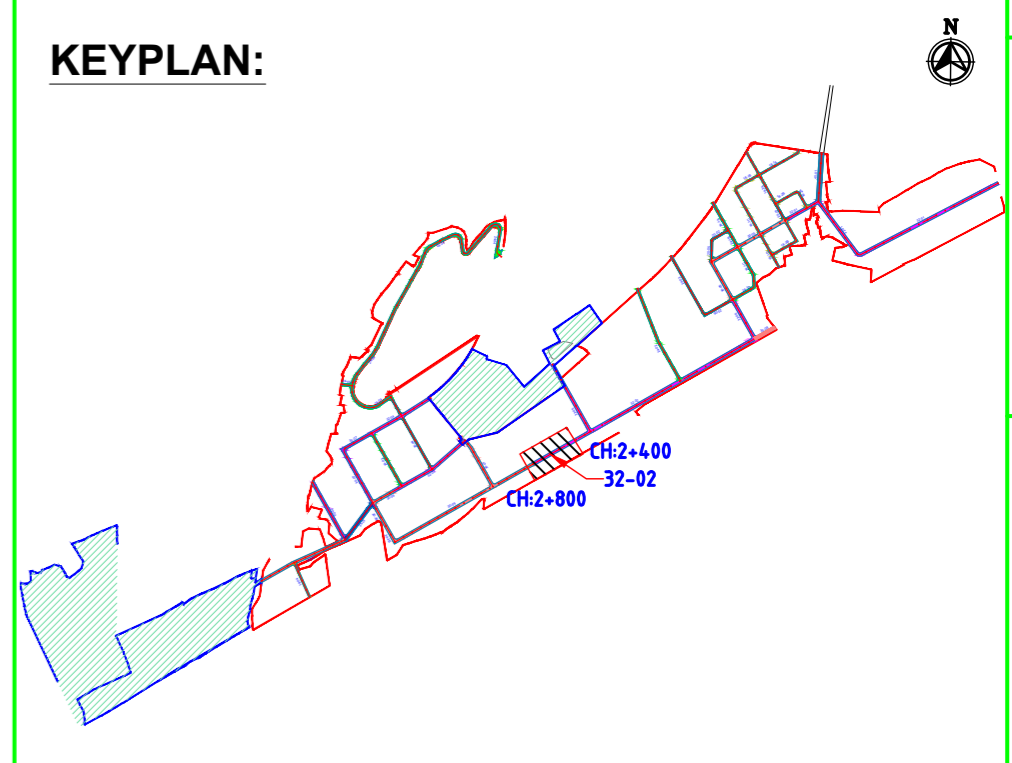


**ROAD: 32-02
LONGITUDINAL PROFILE**

DATUM= 0.000	
FINISHED ROAD LEVELS	5.771 5.754 5.746 5.758 5.771 5.783 5.796 5.808 5.821 5.833 5.845 5.858 5.870 5.883 5.895 5.908 5.920 5.932 5.945 5.957 5.970 5.982 5.995 6.007 6.019 6.032 6.044 6.057 6.069 6.082 6.094 6.106 6.119 6.131 6.144 6.156 6.169 6.181 6.192 6.205
EXISTING GROUND LEVEL	5.055 5.074 5.077 5.081 5.080 5.070 5.060 5.050 5.041 5.031 5.021 5.011 5.001 4.876 4.778 4.804 4.826 4.814 4.801 4.781 4.762 4.744 4.724 4.704 4.685 4.665 4.664 4.643 4.615 4.587 4.559 4.532 4.511 4.490 4.468 4.447 4.426 4.405 4.383 4.362 4.341 4.320
LEVEL DIFFERENCE	0.666 0.659 0.668 0.678 0.691 0.713 0.735 0.758 0.780 0.802 0.825 0.847 0.869 1.007 1.117 1.104 1.094 1.119 1.144 1.176 1.207 1.238 1.271 1.303 1.335 1.368 1.401 1.441 1.482 1.523 1.562 1.595 1.629 1.663 1.697 1.730 1.764 1.798 1.830 1.860 1.886
HORIZONTAL ALIGNMENT	L=400.000
VERTICAL SCHEMATIC	G=0.124% L=610.159 K=373.534 L=80.000
TCS TYPE	TYPE-3A
DESIGN CHAINAGE	2+400.00 2+410.00 2+420.00 2+430.00 2+440.00 2+450.00 2+460.00 2+470.00 2+480.00 2+490.00 2+500.00 2+510.00 2+520.00 2+530.00 2+540.00 2+550.00 2+560.00 2+570.00 2+580.00 2+590.00 2+600.00 2+610.00 2+620.00 2+630.00 2+640.00 2+650.00 2+660.00 2+670.00 2+680.00 2+690.00 2+700.00 2+710.00 2+720.00 2+730.00 2+740.00 2+750.00 2+760.00 2+770.00 2+780.00 2+790.00 2+800.00



MASTER PLAN



KEYPLAN:

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

- 45m ROW
- 35m ROW
- 32m ROW
- 30m ROW
- 24m ROW
- 20m ROW
- 18m ROW
- BOUNDARY
- FUTURE EXPANSION

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

FOR TENDER PURPOSE ONLY

SHEET 4 OF 4

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DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
		A	24/01/24	2	TEMPLATE REVISED	BVN	DVM	ABS	BRT
		0	23/11/27	2	FOR APPROVAL	BVN	DVM	ABS	Sd/-

REVISIONS

STATUS CODES: 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: ROAD: 32-02
PLAN & PROFILE FROM CH: 2+400 TO CH 2+800

PROJECT NO: C1232704

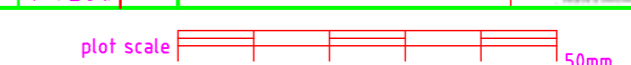
COP:

SCALE: HOR - 1:2000
VER - 1:200

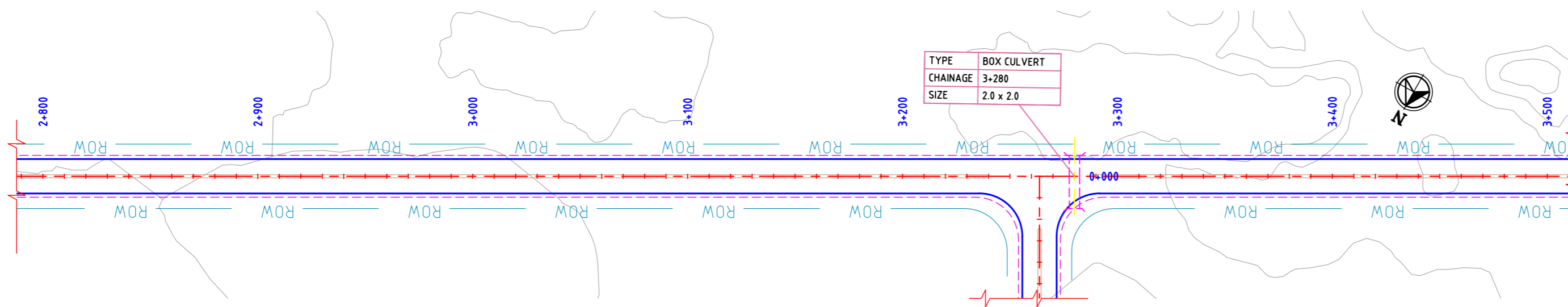
DRAWING NO: DDP013

REV: A

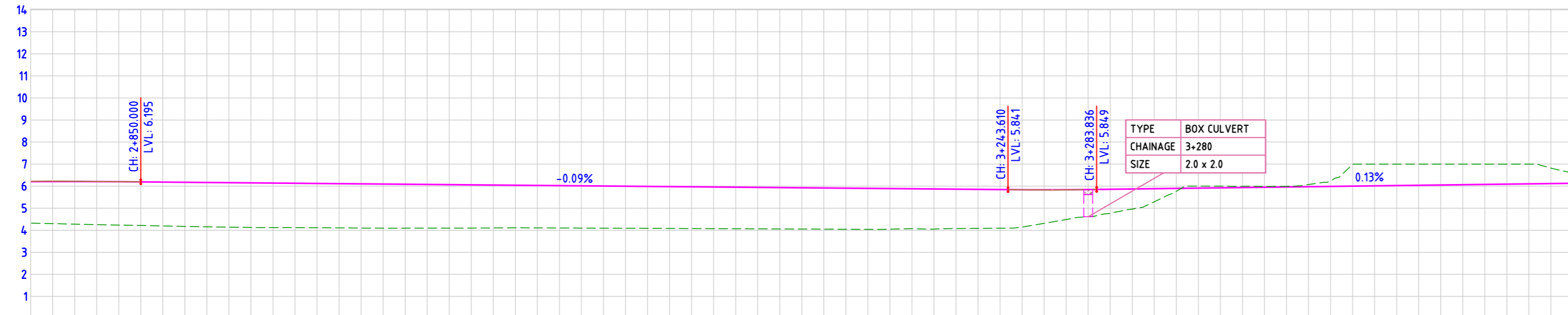
Logos: L&T Infrastructure Engineering Ltd., ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)



AUTO PATH: X:\ROADS\2023\1232704 - DETAIL DESIGN FOR APBDD\WORKING DRAWINGS\44-ROADS\PLAN & PROFILES\DDP02-RA-PLAN AND PROFILE - 35-0133-01 TO 32-46 & 30-01 TO 30-09.DWG

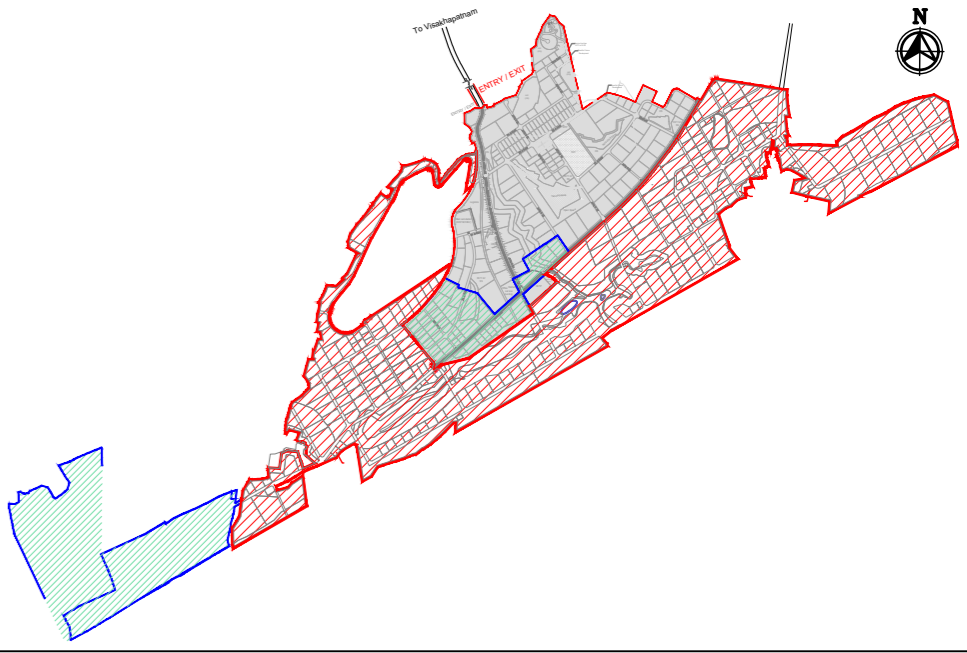


ROAD: 30-09
PLAN

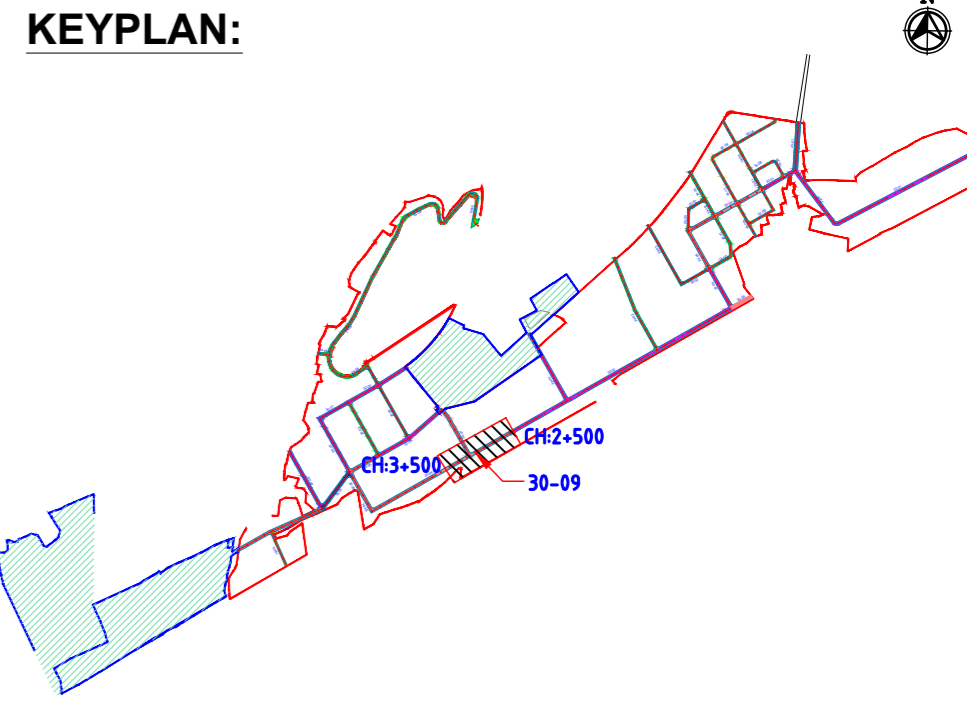


ROAD: 30-09
LONGITUDINAL PROFILE

FINISHED ROAD LEVELS	
2+800.00	6.206
2+810.00	6.209
2+820.00	6.210
2+830.00	6.207
2+840.00	6.202
2+850.00	6.195
2+860.00	6.186
2+870.00	6.177
2+880.00	6.168
2+890.00	6.159
2+900.00	6.150
2+910.00	6.141
2+920.00	6.132
2+930.00	6.123
2+940.00	6.114
2+950.00	6.105
2+960.00	6.096
2+970.00	6.087
2+980.00	6.078
2+990.00	6.069
3+000.00	6.060
3+010.00	6.051
3+020.00	6.042
3+030.00	6.033
3+040.00	6.024
3+050.00	6.015
3+060.00	6.006
3+070.00	5.997
3+080.00	5.988
3+090.00	5.979
3+100.00	5.970
3+110.00	5.961
3+120.00	5.952
3+130.00	5.943
3+140.00	5.934
3+150.00	5.925
3+160.00	5.916
3+170.00	5.907
3+180.00	5.898
3+190.00	5.889
3+200.00	5.880
3+210.00	5.871
3+220.00	5.862
3+230.00	5.853
3+240.00	5.844
3+250.00	5.835
3+260.00	5.826
3+270.00	5.817
3+280.00	5.808
3+290.00	5.799
3+300.00	5.790
3+310.00	5.781
3+320.00	5.772
3+330.00	5.763
3+340.00	5.754
3+350.00	5.745
3+360.00	5.736
3+370.00	5.727
3+380.00	5.718
3+390.00	5.709
3+400.00	5.700
3+410.00	5.691
3+420.00	5.682
3+430.00	5.673
3+440.00	5.664
3+450.00	5.655
3+460.00	5.646
3+470.00	5.637
3+480.00	5.628
3+490.00	5.619
3+500.00	5.610



MASTER PLAN



NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

- 45m ROW
- 35m ROW
- 32m ROW
- 30m ROW
- 24m ROW
- 20m ROW
- 18m ROW
- BOUNDARY
- FUTURE EXPANSION

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

FOR TENDER PURPOSE ONLY

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 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT.	SIGN.	CHECKED	APPROVED	
		A	24.01.24	2	TEMPLATE REVISED				BVN		DVM	
		0	23.11.27	2	FOR APPROVAL				BVN		DVM	

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: ROAD: 30-09 PLAN & PROFILE FROM CH: 2+500 TO CH 3+500

PROJECT NO: C1232704

SCALE: HOR - 1:2000 VER - 1:200

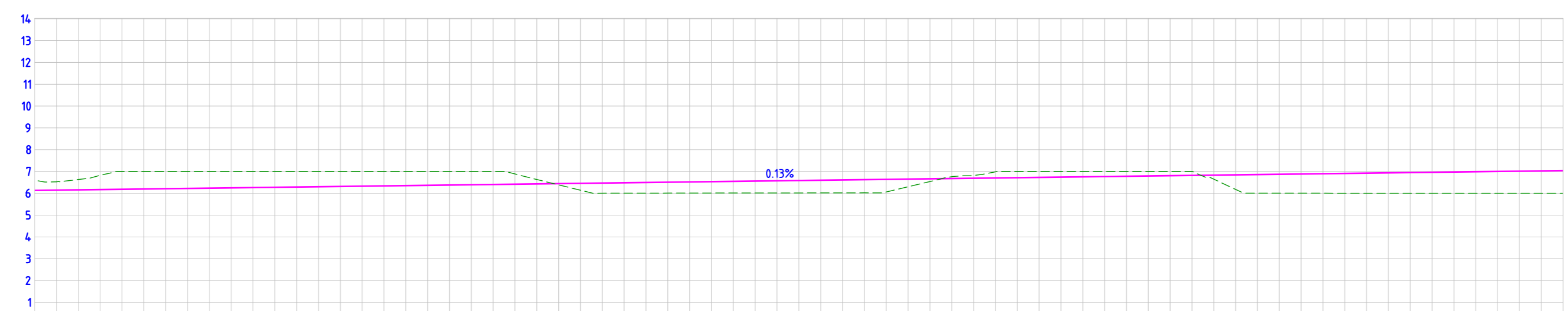
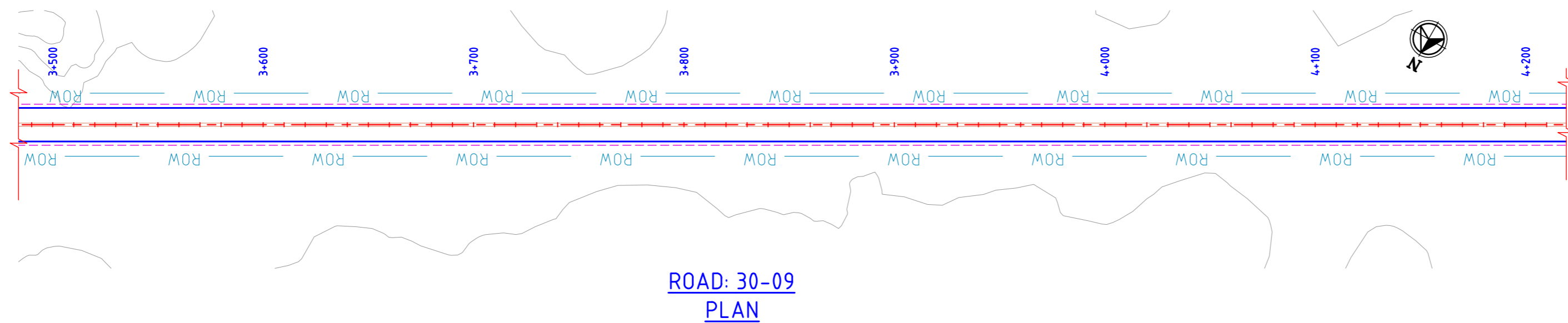
DRAWING NO: DDP014

REV: A

L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)



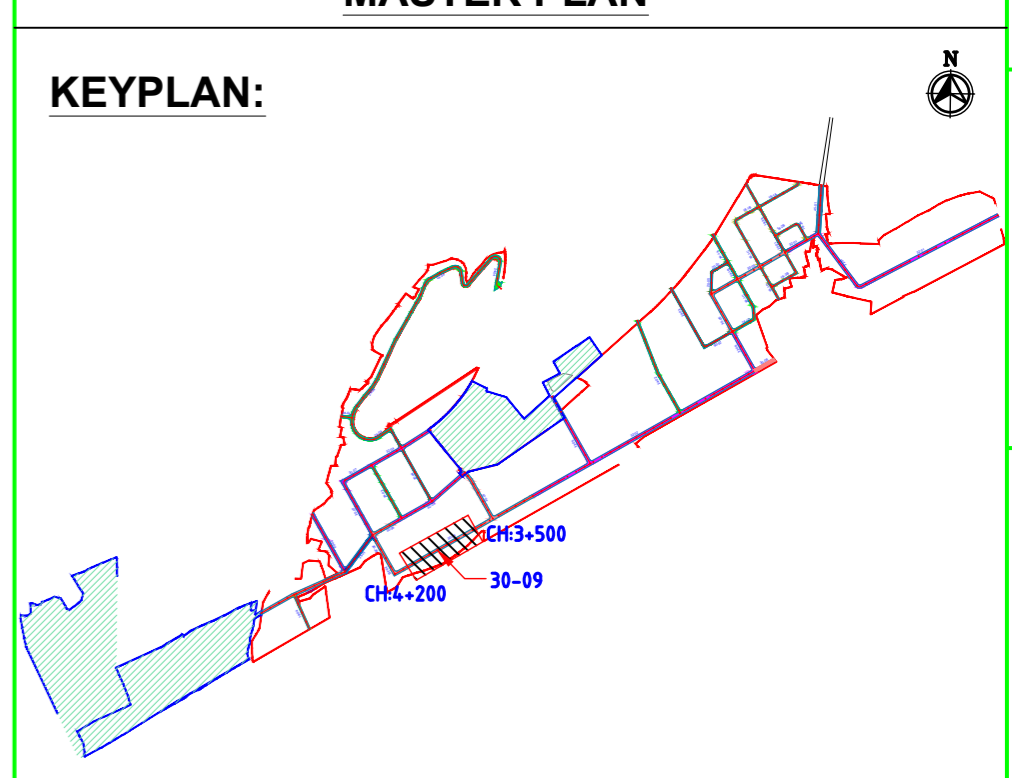
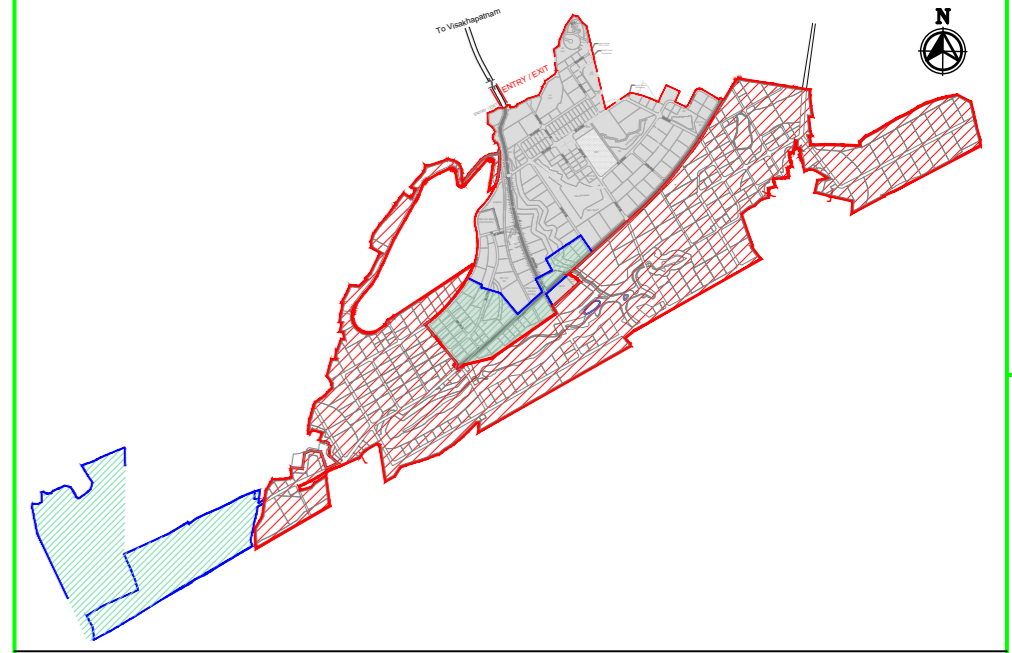
AUTO PATH: X:\ROADS\2023\12\327704 - DETAIL DESIGN FOR APIC\WORKING\DRAWINGS\44-ROADS\RA-PLAN & PROFILE_35-0133-01 TO 32-46 & 36-01 TO 30-09.DWG



DATUM = 0.000

FINISHED ROAD LEVELS	6.130	6.143	6.156	6.169	6.182	6.195	6.208	6.221	6.234	6.247	6.260	6.273	6.286	6.299	6.312	6.326	6.339	6.352	6.365	6.378	6.391	6.404	6.417	6.430	6.443	6.456	6.469	6.482	6.495	6.508	6.521	6.534	6.547	6.560	6.573	6.586	6.599	6.612	6.625	6.638	6.651	6.664	6.677	6.690	6.703	6.716	6.729	6.742	6.755	6.768	6.781	6.794	6.807	6.820	6.833	6.846	6.859	6.872	6.885	6.898	6.911	6.924	6.937	6.950	6.963	6.976	6.989	7.002	7.015	7.028	7.041																																									
EXISTING GROUND LEVEL	6.600	6.527	6.632	6.823	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	6.886	6.417	6.386	6.140	6.656	6.469	6.005	6.495	6.508	6.009	6.534	6.013	6.547	6.013	6.560	6.014	6.573	6.015	6.586	6.017	6.599	6.018	6.612	6.020	6.625	6.022	6.638	6.023	6.651	6.027	6.664	6.033	6.677	6.038	6.690	6.048	6.703	6.059	6.716	6.070	6.729	6.081	6.742	6.092	6.755	6.103	6.768	6.114	6.781	6.125	6.794	6.136	6.807	6.147	6.820	6.158	6.833	6.169	6.846	6.180	6.859	6.191	6.872	6.202	6.885	6.213	6.898	6.224	6.911	6.235	6.924	6.246	6.937	6.257	6.950	6.268	6.963	6.279	6.976	6.290	6.989	6.301	7.002	6.312	7.015	6.323	7.028	6.334	7.041
LEVEL DIFFERENCE	-0.470	-0.383	-0.476	-0.654	-0.818	-0.805	-0.792	-0.779	-0.766	-0.753	-0.740	-0.727	-0.714	-0.701	-0.688	-0.674	-0.661	-0.648	-0.635	-0.622	-0.609	-0.596	-0.583	-0.469	-0.203	0.056	0.315	0.465	0.477	0.489	0.502	0.512	0.522	0.534	0.546	0.546	0.559	0.570	0.582	0.594	0.604	0.604	0.612	0.612	0.625	0.625	0.638	0.638	0.651	0.651	0.664	0.664	0.677	0.677	0.690	0.690	0.703	0.703	0.716	0.716	0.729	0.729	0.742	0.742	0.755	0.755	0.768	0.768	0.781	0.781	0.794	0.794	0.807	0.807	0.820	0.820	0.833	0.833	0.846	0.846	0.859	0.859	0.872	0.872	0.885	0.885	0.898	0.898	0.911	0.911	0.924	0.924	0.937	0.937	0.950	0.950	0.963	0.963	0.976	0.976	0.989	0.989	1.002	1.002	1.015	1.015	1.028	1.028	1.041	1.041		
HORIZONTAL ALIGNMENT	L=700.000																																																																																																															
VERTICAL SCHEMATIC	G=0.130%																																																																																																															
TCS TYPE	TYPE-4C/1																	TYPE-4C																	TYPE-4C/1																	TYPE-4C																																																												
DESIGN CHAINAGE	3+500.00	3+510.00	3+520.00	3+530.00	3+540.00	3+550.00	3+560.00	3+570.00	3+580.00	3+590.00	3+600.00	3+610.00	3+620.00	3+630.00	3+640.00	3+650.00	3+660.00	3+670.00	3+680.00	3+690.00	3+700.00	3+710.00	3+720.00	3+730.00	3+740.00	3+750.00	3+760.00	3+770.00	3+780.00	3+790.00	3+800.00	3+810.00	3+820.00	3+830.00	3+840.00	3+850.00	3+860.00	3+870.00	3+880.00	3+890.00	3+900.00	3+910.00	3+920.00	3+930.00	3+940.00	3+950.00	3+960.00	3+970.00	3+980.00	3+990.00	4+000.00	4+010.00	4+020.00	4+030.00	4+040.00	4+050.00	4+060.00	4+070.00	4+080.00	4+090.00	4+100.00	4+110.00	4+120.00	4+130.00	4+140.00	4+150.00	4+160.00	4+170.00	4+180.00	4+190.00	4+200.00																																									

ROAD: 30-09
LONGITUDINAL PROFILE



NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

- 45m ROW
- 35m ROW
- 32m ROW
- 30m ROW
- 24m ROW
- 20m ROW
- 18m ROW
- BOUNDARY
- FUTURE EXPANSION

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

FOR TENDER PURPOSE ONLY

SHEET 2 OF 3

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
- REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
- STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

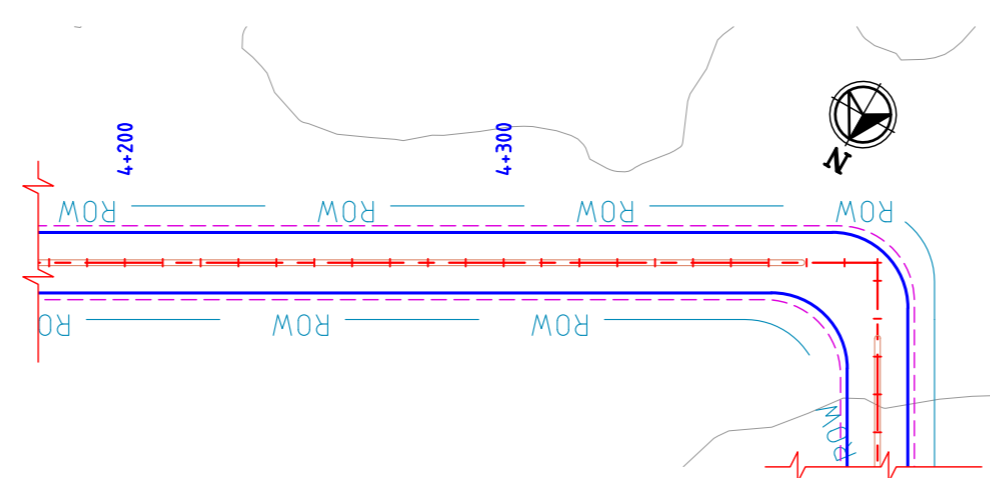
DRAWING NO.	TITLE	REVISIONS			
		STATUS CODES			
		1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:			

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)		PROJECT NO: C1232704
PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH		COP:
TITLE: ROAD: 30-09 PLAN & PROFILE FROM CH: 3+500 TO CH 4+200		SCALE: HOR - 1/2000 VER - 1/200
		DRAWING NO: DDP015 REV: A

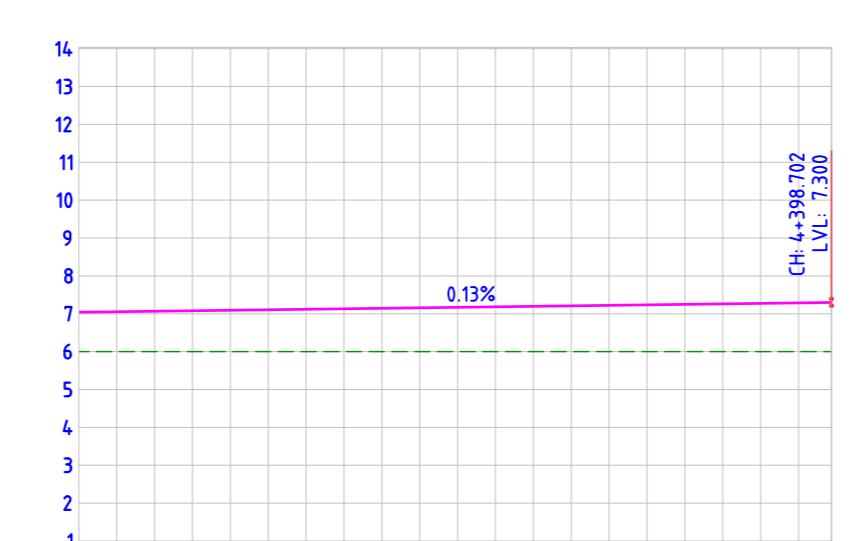
This drawing is the property of L&T Infrastructure Engineering Ltd. and must not be passed on to any other person without the written consent of L&T Infrastructure Engineering Ltd. If this drawing is to be used for any other purpose without the written consent of L&T Infrastructure Engineering Ltd. the user shall be liable for any loss or damage caused.

AUTO PATH: X:\ROADS\2023\12\31\2704 - DETAIL DESIGN FOR APBIP\WORKING DRAWINGS\4-Roads\RA-PLAN & PROFILE.DWG: 35-0133-01 TO 32-46 & 30-01 TO 30-09.DWG



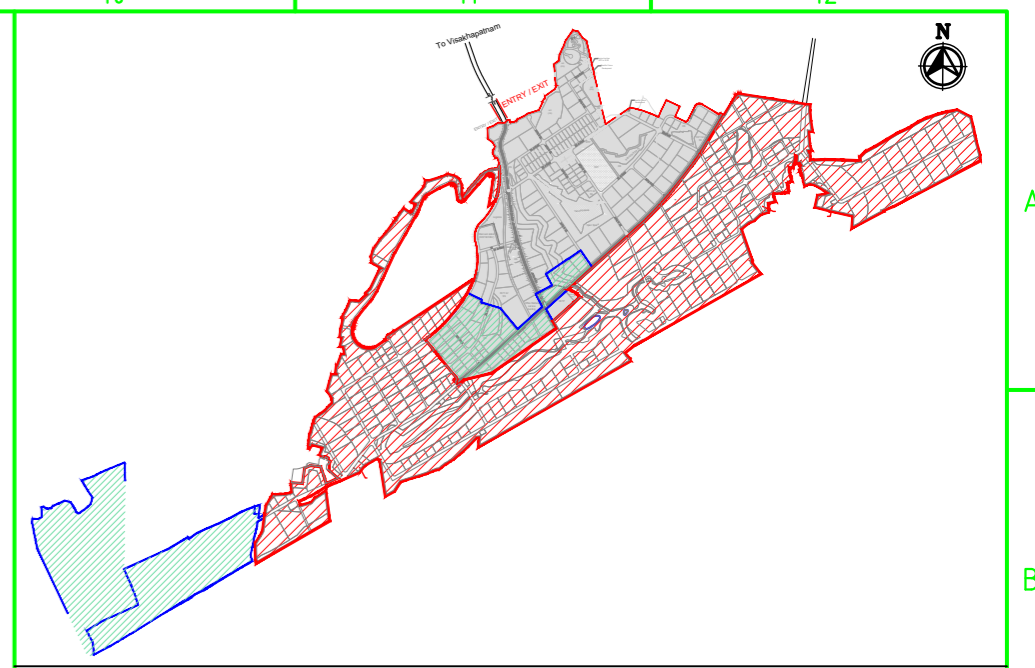


**ROAD: 30-09
PLAN**

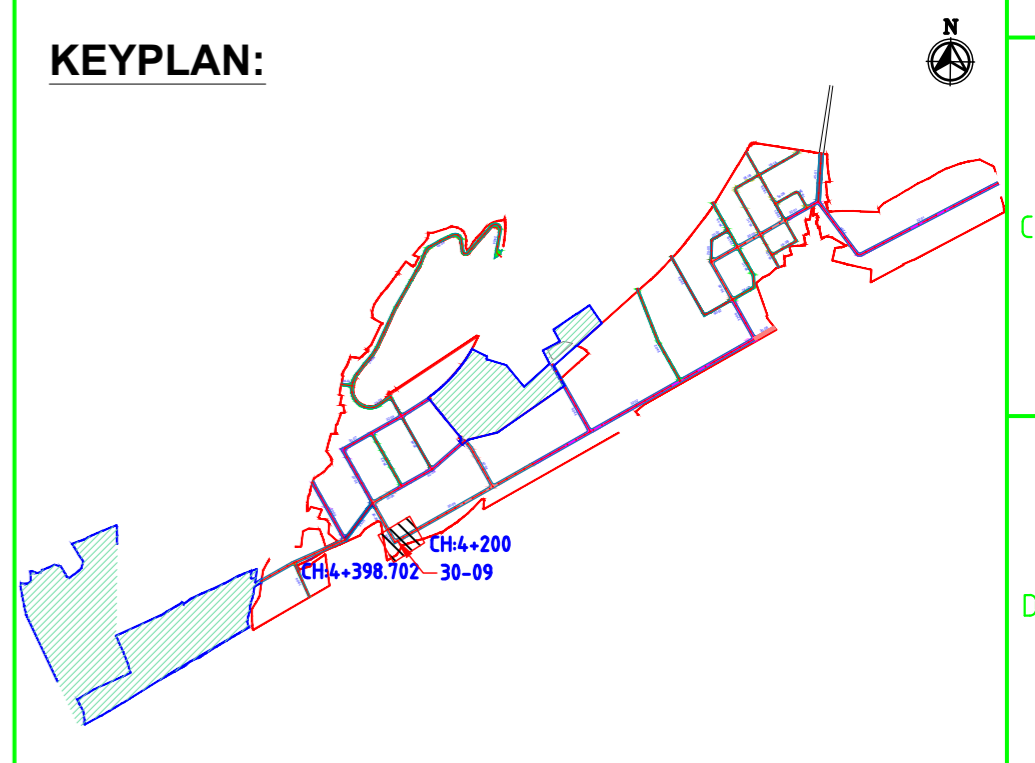


DATUM= 0.000	
FINISHED ROAD LEVELS	7.041 7.054 7.067 7.093 7.106 7.119 7.132 7.145 7.158 7.171 7.184 7.197 7.210 7.223 7.236 7.249 7.262 7.275 7.288 7.300
EXISTING GROUND LEVEL	6.001 6.001 6.001 6.001 6.001 6.001 6.001 6.001 6.001 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000 6.000
LEVEL DIFFERENCE	1.040 1.053 1.066 1.079 1.092 1.105 1.118 1.131 1.145 1.171 1.184 1.197 1.210 1.223 1.236 1.249 1.262 1.275 1.288 1.300
HORIZONTAL ALIGNMENT	L=198.702
VERTICAL SCHEMATIC	G=0.130% L=1114.866
TCS TYPE	TYPE-4C
DESIGN CHAINAGE	4+200.00 4+210.00 4+220.00 4+230.00 4+240.00 4+250.00 4+260.00 4+270.00 4+280.00 4+290.00 4+300.00 4+310.00 4+320.00 4+330.00 4+340.00 4+350.00 4+360.00 4+370.00 4+380.00 4+390.00 4+398.702

**ROAD: 30-09
LONGITUDINAL PROFILE**



MASTER PLAN



KEYPLAN:

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

- 45m ROW
- 35m ROW
- 32m ROW
- 30m ROW
- 24m ROW
- 20m ROW
- 18m ROW
- BOUNDARY
- FUTURE EXPANSION

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

FOR TENDER PURPOSE ONLY

SHEET 3 OF 3

- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
 - REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
		A	240124	2	TEMPLATE REVISED	BVN	DVM	ABSR	BRT
		0	231127	2	FOR APPROVAL	BVN	DVM	ABSR	Sd/- BRT Sd/-

REVISIONS

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: ROAD: 30-09
PLAN & PROFILE FROM CH: 4+200 TO CH 4+398.702

PROJECT NO: C1232704

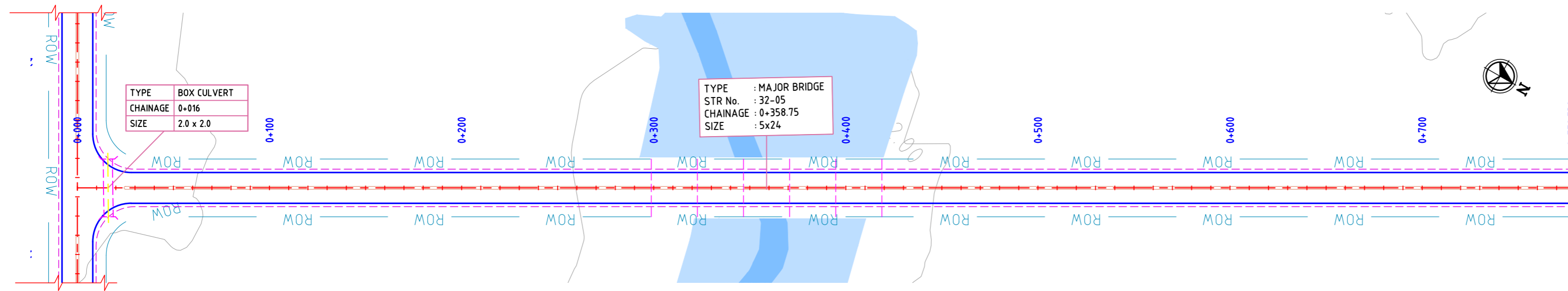
COP: SCALE: HOR - 1:2000
VER - 1:200

DRAWING NO: DDP016 **REV:** A

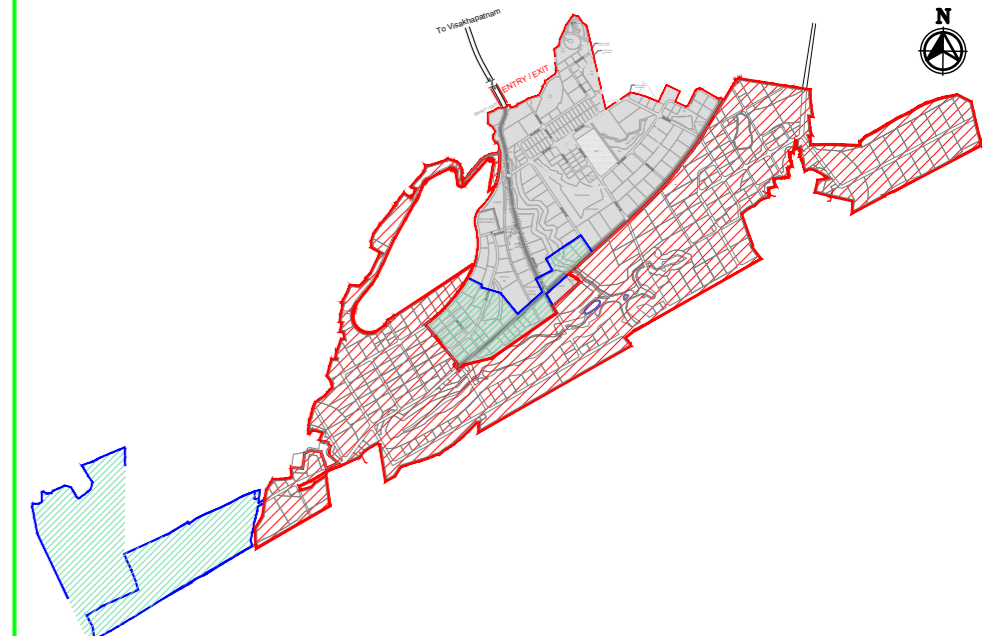
L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH **ARTELIA Consulting Engineers Ltd.** (Formerly Mahindra Consulting Engineers Ltd.)

AUTO PATH: X:\ROADS\2023\1232704 - DETAIL DESIGN FOR APBDD\WORKING\DRAWINGS\04-ROADS\RA\PLAN & PROFILES\DDP016-RA-PLAN AND PROFILE-35-0133-01 TO 32-46 & 30-01 TO 30-09.DWG

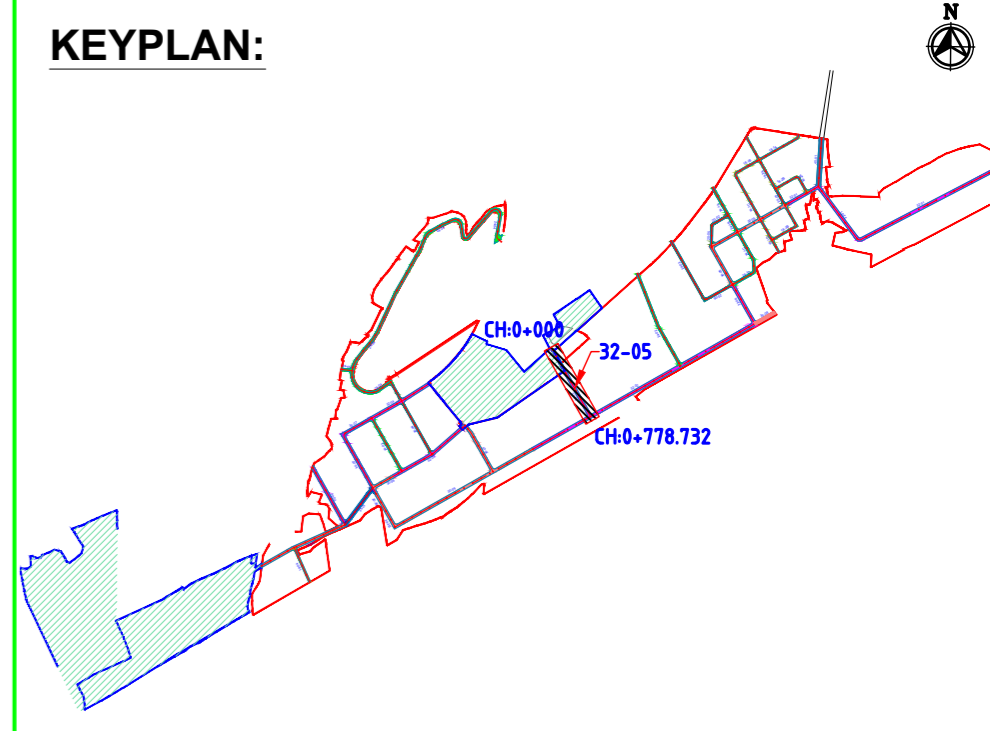
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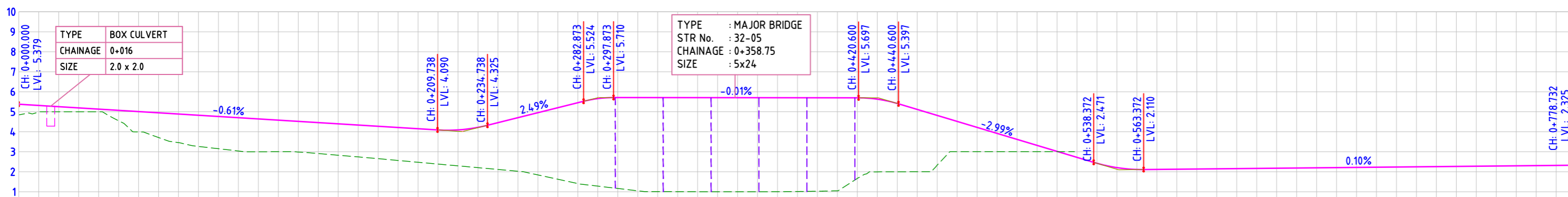
ROAD: 32-05
PLAN



MASTER PLAN



KEYPLAN:



ROAD: 32-05
LONGITUDINAL PROFILE

FINISHED ROAD LEVELS	EXISTING GROUND LEVEL	LEVEL DIFFERENCE	HORIZONTAL ALIGNMENT	VERTICAL SCHEMATIC	TCS TYPE	DESIGN CHAINAGE
5.379	4.844	0.535			TYPE-3C	0+000.00
5.318	4.982	0.335			TYPE-3C/1	0+010.00
5.256	5.000	0.256			TYPE-3C	0+020.00
5.195	5.000	0.194			TYPE-3C	0+030.00
5.133	5.000	0.133			TYPE-3C	0+040.00
5.072	5.457	0.525			TYPE-3C	0+050.00
5.010	3.992	1.018			TYPE-3C	0+060.00
4.949	3.712	1.237			TYPE-3C	0+070.00
4.888	3.457	1.431			TYPE-3C	0+080.00
4.826	3.266	1.560			TYPE-3C	0+090.00
4.765	3.152	1.612			TYPE-3C	0+100.00
4.703	3.038	1.665			TYPE-3C	0+110.00
4.642	2.996	1.646			TYPE-3C	0+120.00
4.580	3.001	1.579			TYPE-3C	0+130.00
4.519	2.987	1.532			TYPE-3C	0+140.00
4.457	2.910	1.547			TYPE-3C	0+150.00
4.396	2.825	1.571			TYPE-3C	0+160.00
4.335	2.743	1.592			TYPE-3C	0+170.00
4.273	2.655	1.618			TYPE-3C	0+180.00
4.212	2.565	1.647			TYPE-3C	0+190.00
4.150	2.475	1.675			TYPE-3C	0+200.00
4.089	2.385	1.704			TYPE-3C	0+210.00
4.028	2.295	1.738			TYPE-3C	0+220.00
4.221	2.205	2.016			TYPE-3C	0+230.00
4.456	2.215	2.241			TYPE-3C	0+240.00
4.705	2.025	2.680			TYPE-3C	0+250.00
4.954	1.843	3.111			TYPE-3C	0+260.00
5.204	1.627	3.577			TYPE-3C	0+270.00
5.453	1.410	4.043			TYPE-3C	0+280.00
5.659	1.281	4.379			TYPE-3C	0+290.00
5.710	1.164	4.546			TYPE-3C	0+300.00
5.708	1.007	4.701			TYPE-3C	0+310.00
5.707	1.004	4.703			TYPE-3C	0+320.00
5.706	1.001	4.705			TYPE-3C	0+330.00
5.705	1.000	4.705			TYPE-3C	0+340.00
5.704	1.000	4.704			TYPE-3C	0+350.00
5.702	1.000	4.702			TYPE-3C	0+360.00
5.701	1.003	4.699			TYPE-3C	0+370.00
5.700	1.010	4.690			TYPE-3C	0+380.00
5.699	1.029	4.671			TYPE-3C	0+390.00
5.698	1.046	4.652			TYPE-3C	0+400.00
5.697	1.066	4.631			TYPE-3C	0+410.00
5.630	1.194	4.436			TYPE-3C	0+420.00
5.414	1.196	4.218			TYPE-3C	0+430.00
5.115	1.199	3.916			TYPE-3C	0+440.00
4.816	1.333	3.483			TYPE-3C	0+450.00
4.517	2.333	2.184			TYPE-3C	0+460.00
4.218	3.000	1.218			TYPE-3C	0+470.00
3.919	3.000	0.919			TYPE-3C	0+480.00
3.619	3.000	0.619			TYPE-3C	0+490.00
3.320	3.000	0.320			TYPE-3C	0+500.00
3.021	3.000	0.021			TYPE-3C	0+510.00
2.722	3.000	0.278			TYPE-3C	0+520.00
2.424	2.424	0.000			TYPE-3C	0+530.00
2.207	2.207	0.000			TYPE-3C	0+540.00
2.113	2.113	0.000			TYPE-3C	0+550.00
2.116	2.116	0.000			TYPE-3C	0+560.00
2.126	2.126	0.000			TYPE-3C	0+570.00
2.136	2.136	0.000			TYPE-3C	0+580.00
2.146	2.146	0.000			TYPE-3C	0+590.00
2.156	2.156	0.000			TYPE-3C	0+600.00
2.166	2.166	0.000			TYPE-3C	0+610.00
2.176	2.176	0.000			TYPE-3C	0+620.00
2.186	2.186	0.000			TYPE-3C	0+630.00
2.196	2.196	0.000			TYPE-3C	0+640.00
2.206	2.206	0.000			TYPE-3C	0+650.00
2.216	2.216	0.000			TYPE-3C	0+660.00
2.226	2.226	0.000			TYPE-3C	0+670.00
2.236	2.236	0.000			TYPE-3C	0+680.00
2.246	2.246	0.000			TYPE-3C	0+690.00
2.256	2.256	0.000			TYPE-3C	0+700.00
2.266	2.266	0.000			TYPE-3C	0+710.00
2.276	2.276	0.000			TYPE-3C	0+720.00
2.286	2.286	0.000			TYPE-3C	0+730.00
2.296	2.296	0.000			TYPE-3C	0+740.00
2.306	2.306	0.000			TYPE-3C	0+750.00
2.316	2.316	0.000			TYPE-3C	0+760.00
2.325	2.325	0.000			TYPE-3C	0+776.732

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

45m ROW	20m ROW
35m ROW	18m ROW
32m ROW	BOUNDARY
30m ROW	FUTURE EXPANSION
24m ROW	

PLAN LEGEND:

CENTERLINE
MEDIAN
CARRIAGEWAY
PAVED SHOULDER
EARTHEN SHOULDER
ROW

FOR TENDER PURPOSE ONLY

- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
 - REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
A	240124	2	TEMPLATE REVISED	BVN	DVM	ABSRS	BRT
0	231127	2	FOR APPROVAL	BVN	DVM	Sd/-	BRT Sd/-

DRAWING NO.	TITLE	STATUS CODES
	REFERENCE DRAWINGS	1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: ROAD: 32-05
PLAN & PROFILE FROM CH: 0+000 TO CH 0+776.732

PROJECT NO: C1232704

COP: SCALE: HOR - 1:2000
VER - 1:200

DRAWING NO: DDP017

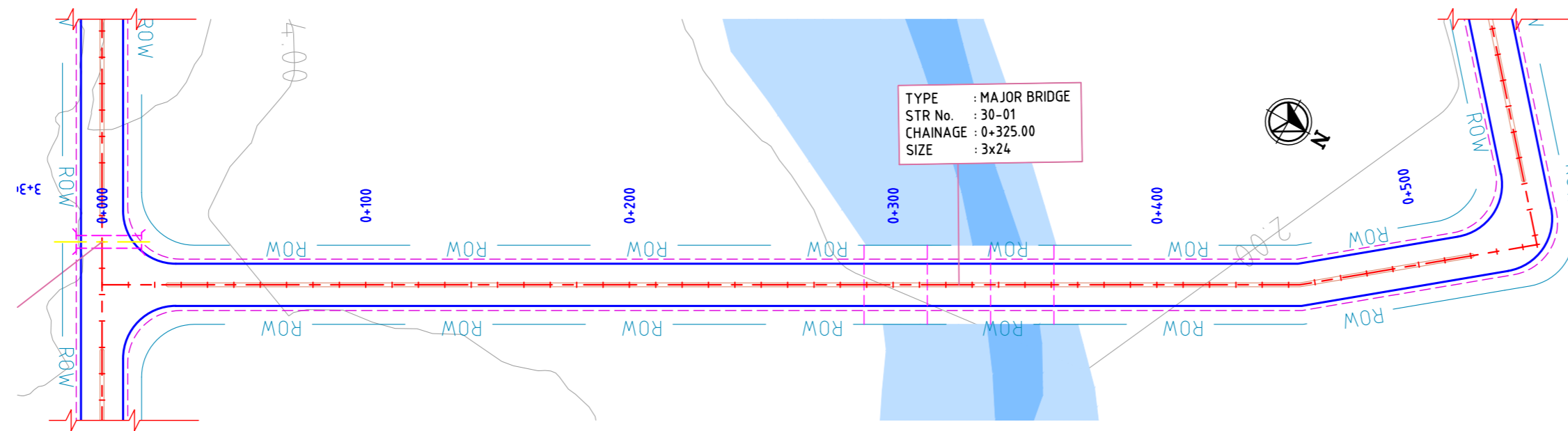
REV: A

L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)

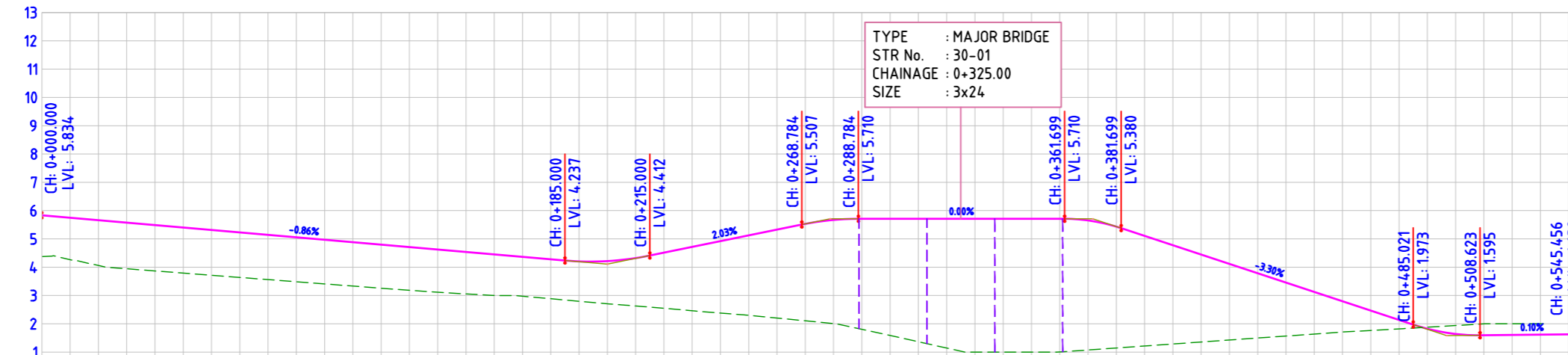
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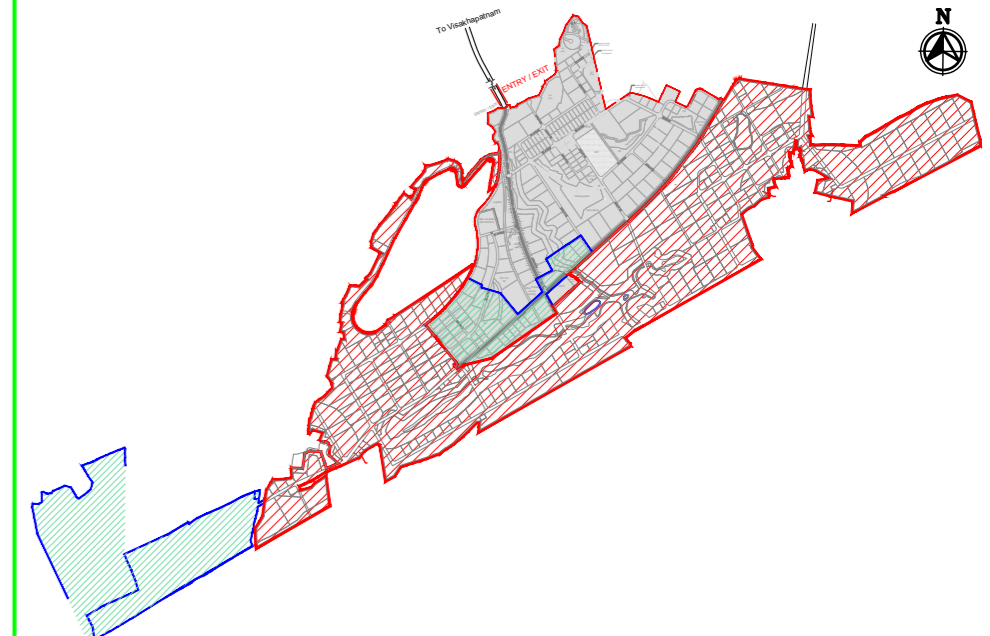


ROAD: 30-01
PLAN

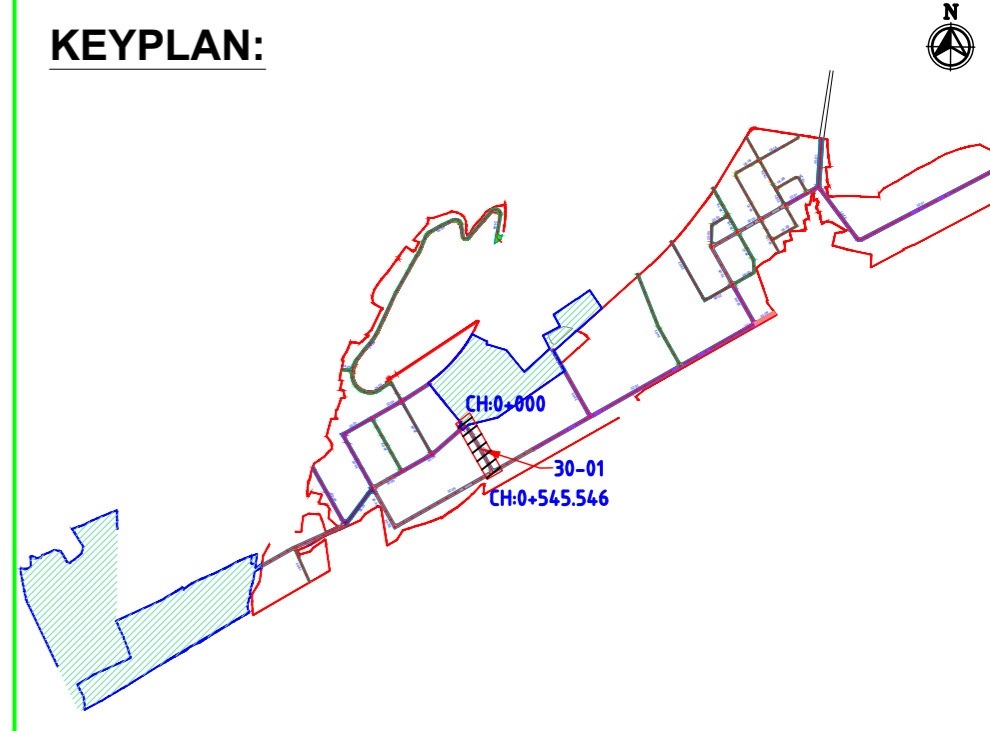


ROAD: 30-01
LONGITUDINAL PROFILE

FINISHED ROAD LEVELS	EXISTING GROUND LEVEL	LEVEL DIFFERENCE	HORIZONTAL ALIGNMENT	VERTICAL SCHEMATIC	TCS TYPE	DESIGN CHAINAGE
5.874 5.748	4.376 4.263	1.498 1.485			TYPE-4A	0+000.00 0+010.00
5.661 5.575	4.061 3.945	1.600 1.630		G=-0.863%		0+020.00 0+030.00
5.402 5.316	3.791 3.715	1.611 1.601		L=185.000		0+040.00 0+050.00
5.230 5.143	3.638 3.562	1.591 1.581				0+060.00 0+070.00
4.971 4.884	3.409 3.333	1.561 1.551				0+080.00 0+090.00
4.798 4.711	3.258 3.183	1.540 1.528				0+100.00 0+110.00
4.625 4.539	3.117 3.055	1.508 1.483				0+120.00 0+130.00
4.452 4.366	3.000 2.975	1.453 1.391				0+140.00 0+150.00
4.280 4.205	2.885 2.796	1.394 1.410				0+160.00 0+170.00
4.110 4.025	2.796 2.706	1.310 1.310				0+180.00 0+190.00
3.940 3.855	2.630 2.547	1.310 1.308				0+200.00 0+210.00
3.770 3.685	2.471 2.379	1.300 1.306				0+220.00 0+230.00
3.600 3.515	2.319 2.203	1.281 1.312				0+240.00 0+250.00
3.430 3.345	2.106 2.007	1.324 1.338				0+260.00 0+270.00
3.260 3.175	1.883 1.803	1.377 1.372				0+280.00 0+290.00
3.090 3.005	1.660 1.588	1.430 1.417				0+300.00 0+310.00
2.920 2.835	1.447 1.365	1.473 1.470				0+320.00 0+330.00
2.750 2.665	1.234 1.143	1.516 1.522				0+340.00 0+350.00
2.580 2.495	1.021 1.000	1.559 1.495				0+360.00 0+370.00
2.410 2.325	0.808 0.717	1.602 1.608				0+380.00 0+390.00
2.240 2.155	0.595 0.504	1.645 1.651				0+400.00 0+410.00
2.070 1.985	0.382 0.291	1.688 1.694				0+420.00 0+430.00
1.900 1.815	0.169 0.078	1.731 1.737				0+440.00 0+450.00
1.730 1.645	0.000 0.000	1.774 1.770				0+460.00 0+470.00
1.560 1.475	0.000 0.000	1.817 1.813				0+480.00 0+490.00
1.390 1.305	0.000 0.000	1.860 1.856				0+500.00 0+510.00
1.220 1.135	0.000 0.000	1.903 1.899				0+520.00 0+530.00
1.050 0.965	0.000 0.000	1.946 1.942				0+540.00 0+545.456



MASTER PLAN



KEYPLAN:

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

	45m ROW		20m ROW
	35m ROW		18m ROW
	32m ROW		BOUNDARY
	30m ROW		FUTURE EXPANSION
	24m ROW		

PLAN LEGEND:

	CENTERLINE
	MEDIAN
	CARRIAGEWAY
	PAVED SHOULDER
	EARTHEN SHOULDER
	ROW

FOR TENDER PURPOSE ONLY

- NOTES:
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 - REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

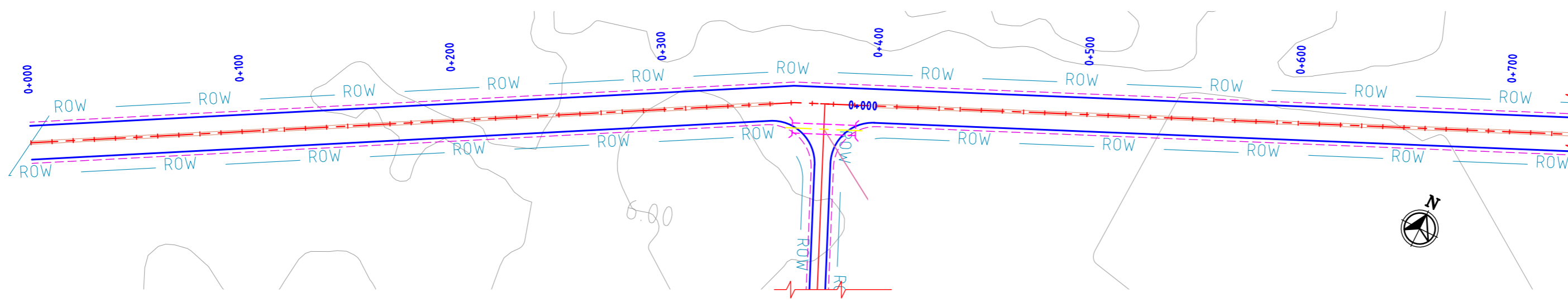
DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT.	SIGN.	CHECKED	APPROVED
		A	240124	2	TEMPLATE REVISED	BVN	DVM	ABS	Sd/-	BRT	
		0	231127	2	FOR APPROVAL	BVN	DVM	ABS	Sd/-	BRT	

STATUS CODES: 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

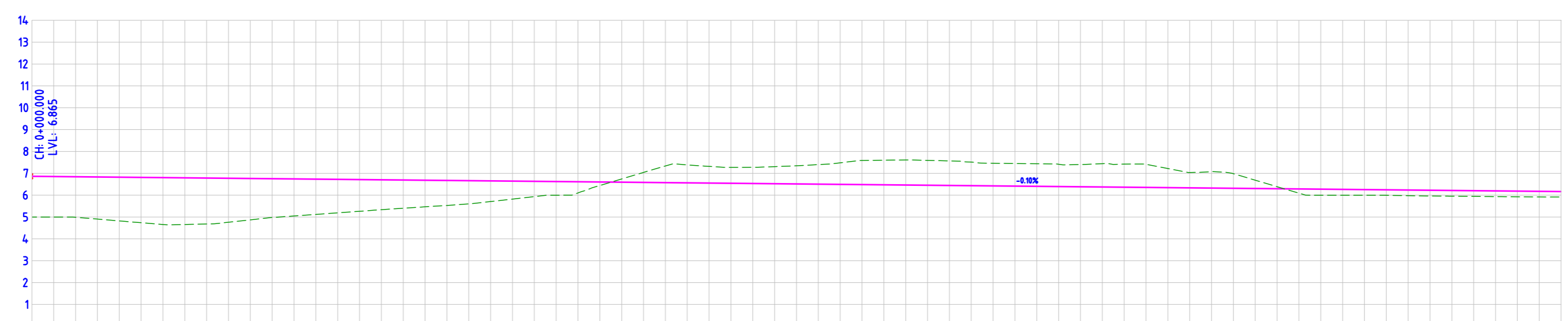
CLIENT:	ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH
TITLE:	ROAD: 30-01 PLAN & PROFILE FROM CH: 0+000 TO CH 0+545.456
PROJECT NO:	C1232704
COP:	
SCALE:	HOR - 1:2000 VER - 1:200
DRAWING NO:	DDP018
REV:	A

plot scale 50m

AUTO PATH: X:\ROADS\2023\1232704 - DETAIL DESIGN FOR APBDD\WORKING\DRAWINGS\44-ROADS\PLAN & PROFILES\DDP018-RA-PLAN AND PROFILE - 35-0132-01 TO 32-46 & 30-01 TO 30-09.DWG

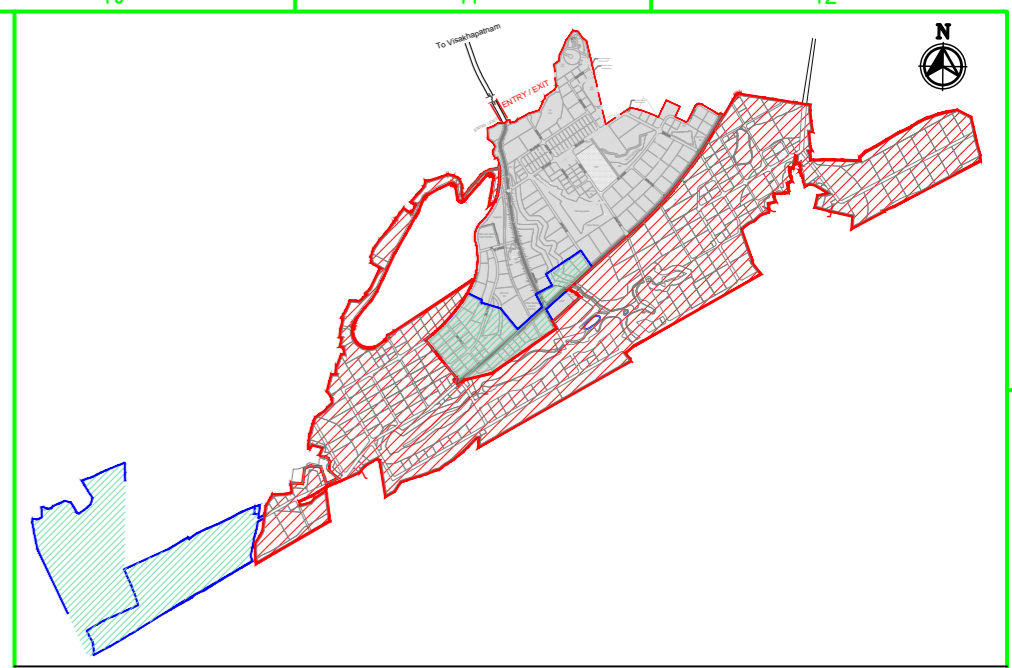


**ROAD: 30-02
PLAN**

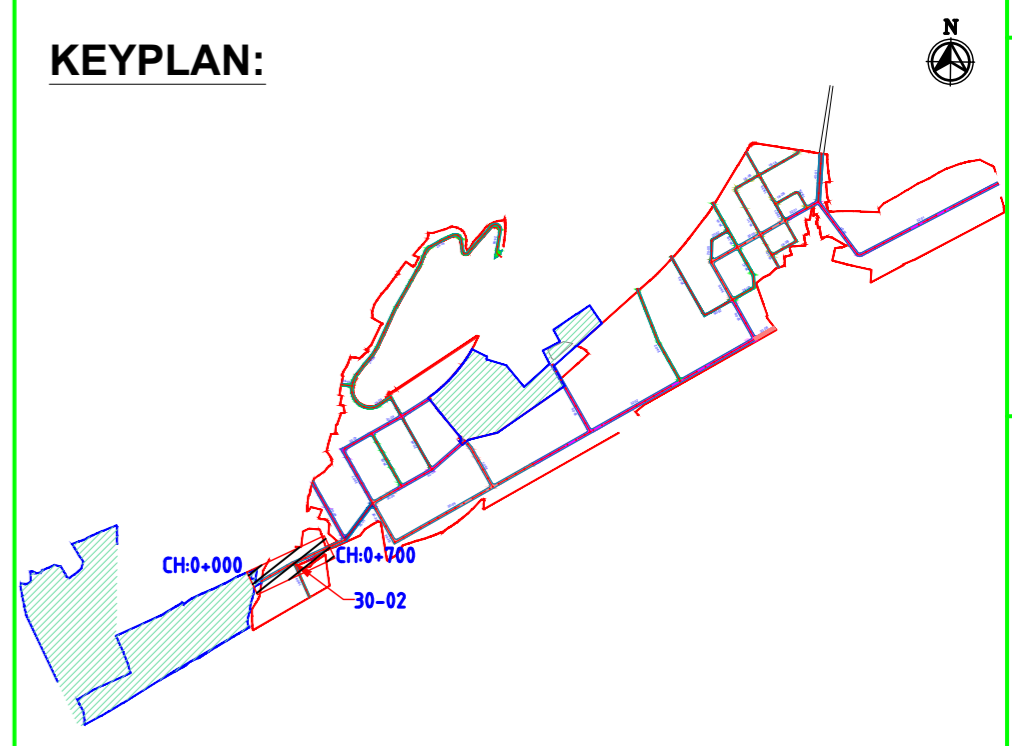


STATION	FINISHED ROAD LEVELS	EXISTING GROUND LEVEL	LEVEL DIFFERENCE
0+000.00	6.865	5.000	1.864
0+010.00	6.855	5.000	1.854
0+020.00	6.845	4.989	1.855
0+030.00	6.835	4.906	1.928
0+040.00	6.825	4.823	2.001
0+050.00	6.815	4.741	2.074
0+060.00	6.805	4.659	2.146
0+070.00	6.795	4.659	2.136
0+080.00	6.785	4.684	2.100
0+090.00	6.775	4.761	2.013
0+100.00	6.765	4.871	1.894
0+110.00	6.755	4.985	1.769
0+120.00	6.745	5.050	1.695
0+130.00	6.735	5.121	1.613
0+140.00	6.725	5.192	1.532
0+150.00	6.715	5.263	1.451
0+160.00	6.705	5.337	1.368
0+170.00	6.695	5.404	1.291
0+180.00	6.685	5.469	1.216
0+190.00	6.675	5.529	1.145
0+200.00	6.665	5.602	1.063
0+210.00	6.655	5.709	0.945
0+220.00	6.645	5.822	0.823
0+230.00	6.635	5.934	0.700
0+240.00	6.625	5.998	0.626
0+250.00	6.615	6.104	0.511
0+260.00	6.605	6.444	0.161
0+270.00	6.595	6.743	-0.148
0+280.00	6.585	7.042	-0.457
0+290.00	6.575	7.335	-0.761
0+300.00	6.565	7.385	-0.820
0+310.00	6.555	7.318	-0.763
0+320.00	6.545	7.274	-0.729
0+330.00	6.535	7.278	-0.743
0+340.00	6.525	7.306	-0.782
0+350.00	6.515	7.344	-0.830
0+360.00	6.505	7.399	-0.894
0+370.00	6.495	7.481	-0.986
0+380.00	6.485	7.591	-1.106
0+390.00	6.475	7.602	-1.127
0+400.00	6.465	7.612	-1.147
0+410.00	6.455	7.593	-1.138
0+420.00	6.445	7.568	-1.123
0+430.00	6.435	7.515	-1.081
0+440.00	6.425	7.461	-1.036
0+450.00	6.415	7.448	-1.034
0+460.00	6.405	7.437	-1.033
0+470.00	6.395	7.415	-1.021
0+480.00	6.385	7.403	-1.018
0+490.00	6.375	7.442	-1.068
0+500.00	6.365	7.423	-1.058
0+510.00	6.355	7.411	-1.057
0+520.00	6.345	7.218	-0.874
0+530.00	6.335	7.040	-0.705
0+540.00	6.325	7.077	-0.752
0+550.00	6.315	6.983	-0.668
0+560.00	6.305	6.886	-0.582
0+570.00	6.295	6.789	-0.495
0+580.00	6.285	6.692	-0.407
0+590.00	6.275	6.596	-0.321
0+600.00	6.265	6.499	-0.234
0+610.00	6.255	6.399	-0.144
0+620.00	6.245	6.294	-0.051
0+630.00	6.235	6.188	0.048
0+640.00	6.225	6.074	0.151
0+650.00	6.215	5.955	0.260
0+660.00	6.205	5.834	0.371
0+670.00	6.195	5.712	0.483
0+680.00	6.185	5.592	0.593
0+690.00	6.175	5.475	0.700
0+700.00	6.165	5.365	0.800

**ROAD: 30-02
LONGITUDINAL PROFILE**



MASTER PLAN



KEYPLAN:

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

- 45m ROW
- 35m ROW
- 32m ROW
- 30m ROW
- 24m ROW
- 20m ROW
- 18m ROW
- BOUNDARY
- FUTURE EXPANSION

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

FOR TENDER PURPOSE ONLY

SHEET 1 OF 2

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REV.	YYMMDD DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
A	240124	2	TEMPLATE REVISED	BVN	DVM	ABS	BRT
0	231127	2	FOR APPROVAL	BVN	DVM	Sd/-	BRT Sd/-

REVISIONS

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: ROAD: 30-02
PLAN & PROFILE FROM CH: 0+000 TO CH 0+700

PROJECT NO: C1232704

COP: SCALE: HOR - 1:2000
VER - 1:200

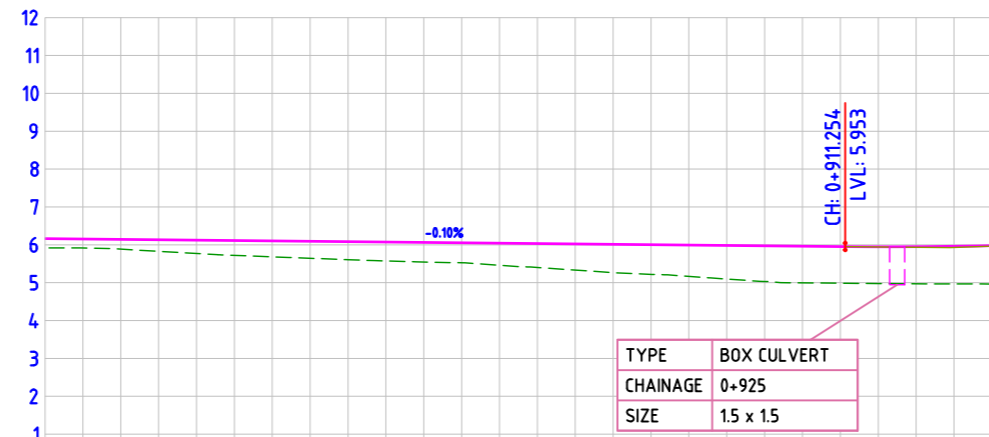
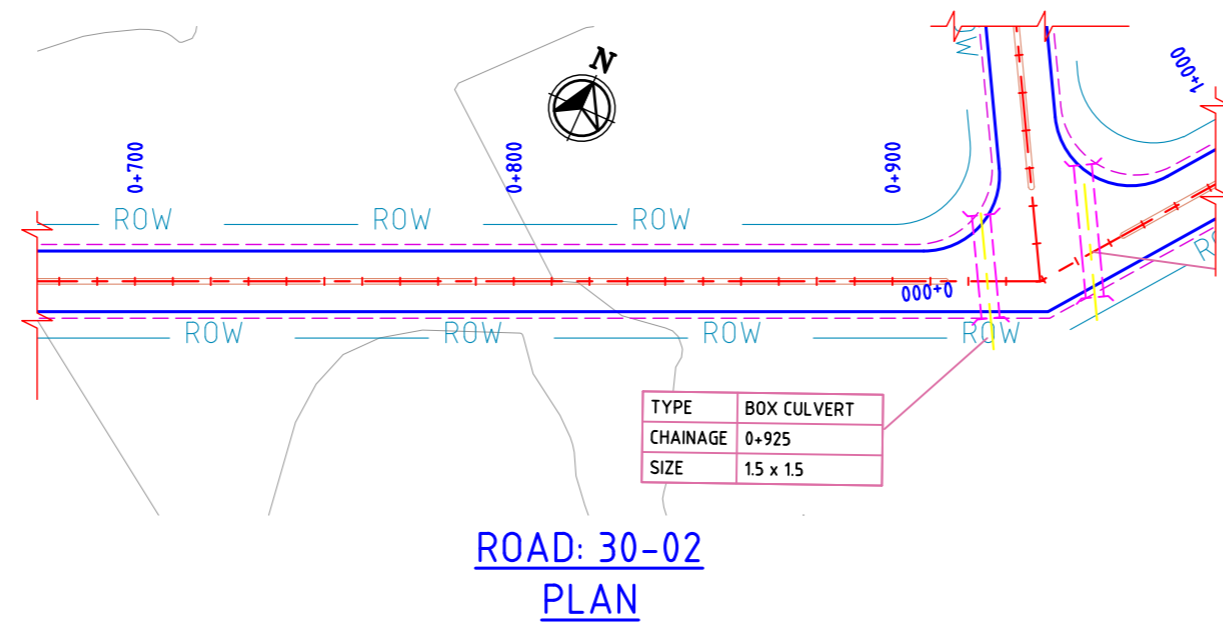
DRAWING NO: DDP019

REV: A

L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH **ARTELIA Consulting Engineers Ltd.** (Formerly Mahindra Consulting Engineers Ltd.)

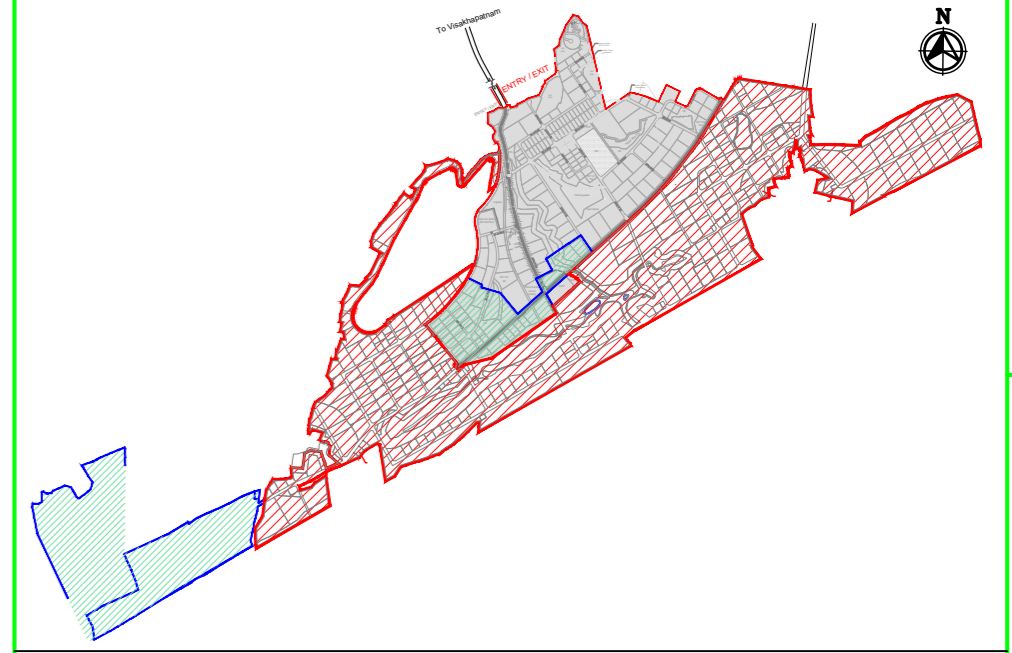
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plot scale 50m

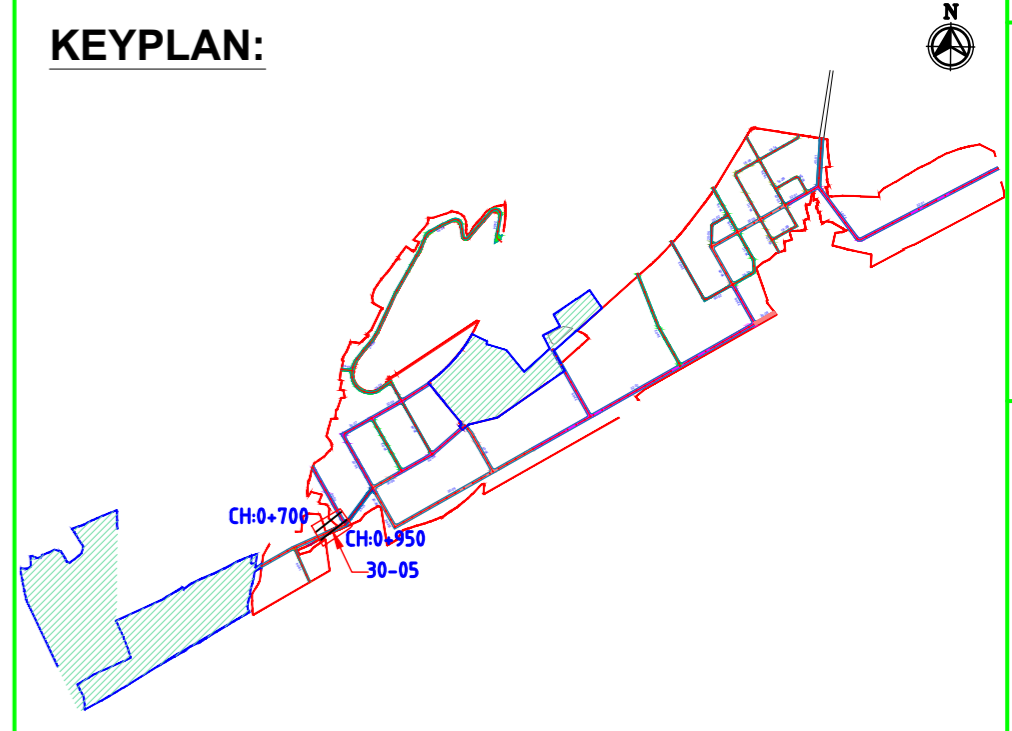


FINISHED ROAD LEVELS	6.165	6.155	6.145	6.135	6.125	6.115	6.105	6.095	6.085	6.075	6.065	6.055	6.045	6.035	6.025	6.015	6.005	5.995	5.985	5.975	5.965	5.955	5.948	5.949	5.959	5.966	5.978	
EXISTING GROUND LEVEL	5.917	5.916	5.885	5.828	5.770	5.720	5.683	5.645	5.606	5.574	5.545	5.526	5.460	5.400	5.332	5.266	5.219	5.166	5.096	5.032	4.975	4.986	4.977	4.970	4.966	4.966	4.962	
LEVEL DIFFERENCE	0.248	0.239	0.259	0.307	0.355	0.394	0.422	0.450	0.479	0.501	0.519	0.529	0.585	0.634	0.692	0.749	0.786	0.828	0.889	0.943	0.970	0.969	0.971	0.979	0.994	1.016		
HORIZONTAL ALIGNMENT	L=238.988													L=11.011														
VERTICAL SCHEMATIC	G=-0.100% L=911.254																	K=118.651 L=55.468										
TCS TYPE	TYPE-4B																											
DESIGN CHAINAGE	0+700.00	0+710.00	0+720.00	0+730.00	0+740.00	0+750.00	0+760.00	0+770.00	0+780.00	0+790.00	0+800.00	0+810.00	0+820.00	0+830.00	0+840.00	0+850.00	0+860.00	0+870.00	0+880.00	0+890.00	0+900.00	0+910.00	0+920.00	0+930.00	0+940.00	0+950.00		

ROAD: 30-02
LONGITUDINAL PROFILE



MASTER PLAN



NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

	45m ROW		20m ROW
	35m ROW		18m ROW
	32m ROW		BOUNDARY
	30m ROW		FUTURE EXPANSION
	24m ROW		

PLAN LEGEND:

	CENTERLINE
	MEDIAN
	CARRIAGEWAY
	PAVED SHOULDER
	EARTHEN SHOULDER
	ROW

FOR TENDER PURPOSE ONLY

SHEET 2 OF 2

- NOTES:
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DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN.	INIT. APPROVED	SIGN.
		A	240124	2	TEMPLATE REVISED	BVN	DVM	ABS	BRT		
		0	231127	2	FOR APPROVAL	BVN	DVM	ABS	Sd/-	Sd/-	

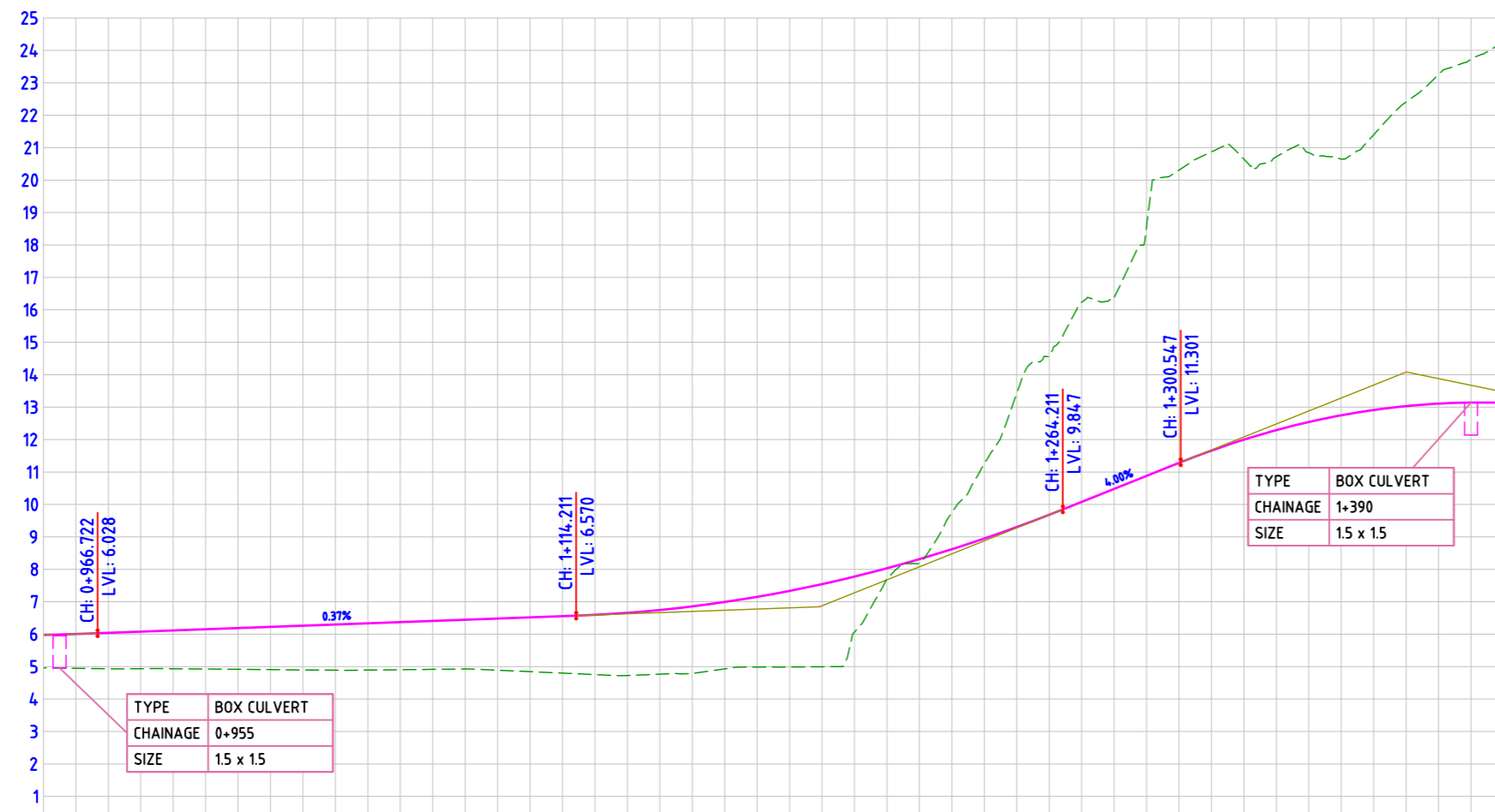
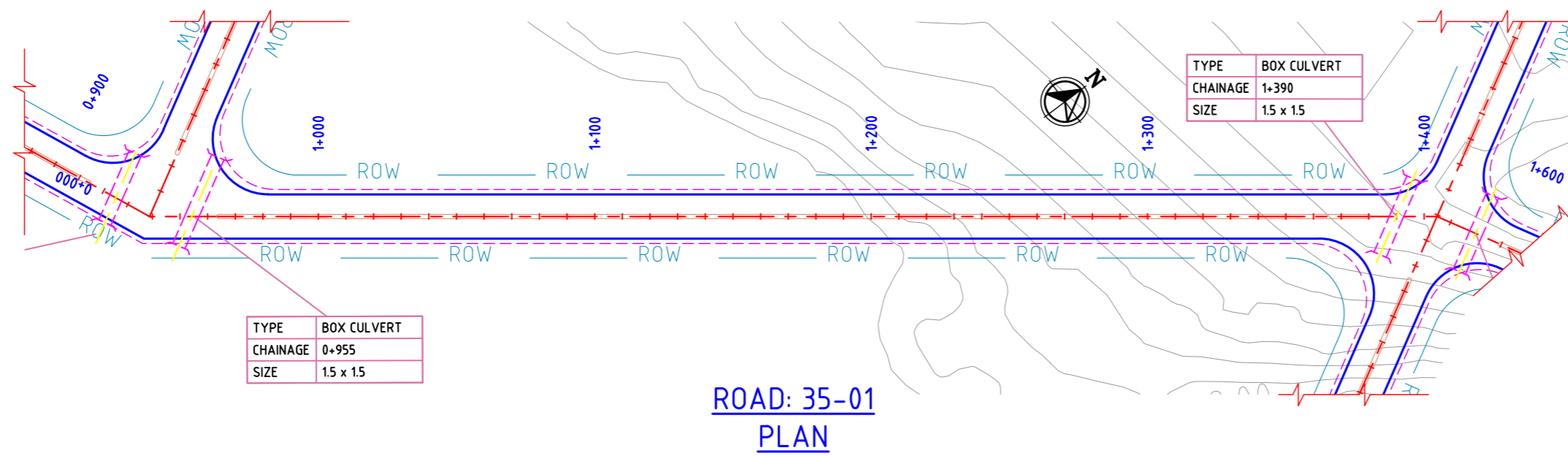
REVISIONS

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT:	ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)	PROJECT NO:	C1232704
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH	COP:	
TITLE:	ROAD: 30-02 PLAN & PROFILE FROM CH: 0+700 TO CH 0+950	SCALE:	HOR - 1:2000 VER - 1:200
		IN CONSORTIUM WITH:	
		DRAWING NO:	DDP020
		REV:	A

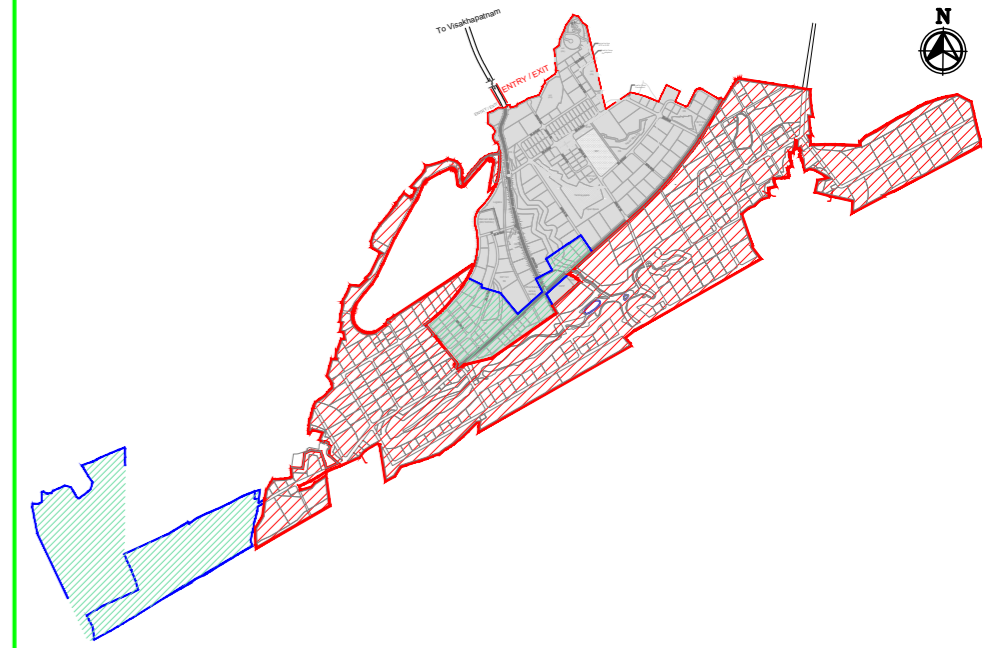
plot scale 50m

AUTO PATH: X:\ROADS\2023\1232704 - DETAIL DESIGN FOR APBDD\WORKING\DRAWINGS\44-ROADS\PLAN & PROFILE\DDP020-RA-PLAN AND PROFILE - 35-0133-01 TO 32-46 & 30-01 TO 30-09.DWG

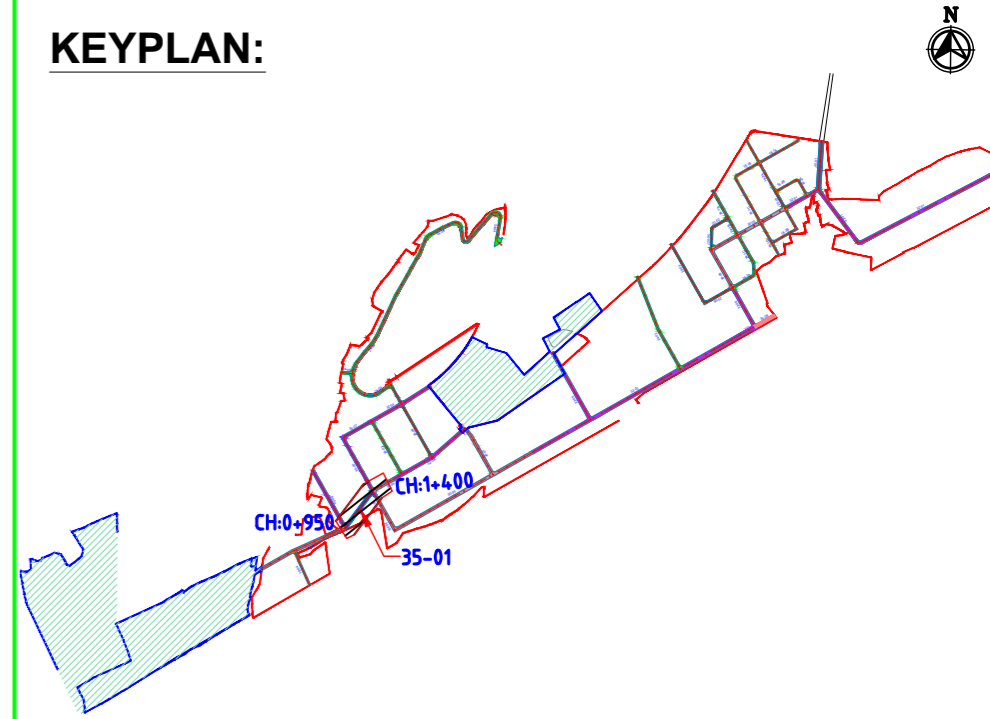


DATUM= 0.000	
FINISHED ROAD LEVELS	5.978 6.005 6.040 6.076 6.113 6.150 6.187 6.223 6.260 6.297 6.334 6.370 6.407 6.444 6.481 6.517 6.554 6.595 6.658 6.745 6.856 6.992 7.152 7.336 7.544 7.776 8.033 8.314 8.619 8.949 9.302 9.680 10.078 10.478 10.879 11.279 11.660 11.997 12.291 12.541 12.748 12.912 13.032 13.108 13.142 13.131
EXISTING GROUND LEVEL	4.962 4.947 4.932 4.934 4.934 4.926 4.917 4.907 4.897 4.886 4.892 4.904 4.915 4.927 4.889 4.844 4.798 4.753 4.721 4.766 4.788 4.931 4.984 4.988 4.995 6.067 6.067 7.776 8.033 8.314 8.619 8.949 9.302 9.680 10.078 10.478 10.879 11.279 11.660 11.997 12.291 12.541 12.748 12.912 13.032 13.108 13.142 13.131
LEVEL DIFFERENCE	1.016 1.058 1.107 1.141 1.179 1.224 1.270 1.316 1.363 1.409 1.442 1.467 1.492 1.517 1.591 1.674 1.756 1.842 1.931 1.979 2.068 2.061 2.167 2.348 2.549 2.709 3.346 0.125 -1.129 -2.305 -4.884 -6.154 -5.919 -7.699 -9.028 -9.211 -8.650 -8.430 -8.304 -7.899 -8.486 -9.377 -10.148 -10.584 -11.135
HORIZONTAL ALIGNMENT	L=450.00
VERTICAL SCHEMATIC	K=118.851 L=55.468 G=0.367% L=147.489 K=4.1271 L=150.000 G=4.002% L=36.336 K=23.005 L=139.000
TCS TYPE	TYPE-02 TYPE-2/1 TYPE-02
DESIGN CHAINAGE	0+950.00 0+960.00 0+970.00 0+980.00 0+990.00 1+000.00 1+010.00 1+020.00 1+030.00 1+040.00 1+050.00 1+060.00 1+070.00 1+080.00 1+090.00 1+100.00 1+110.00 1+120.00 1+130.00 1+140.00 1+150.00 1+160.00 1+170.00 1+180.00 1+190.00 1+200.00 1+210.00 1+220.00 1+230.00 1+240.00 1+250.00 1+260.00 1+270.00 1+280.00 1+290.00 1+300.00 1+310.00 1+320.00 1+330.00 1+340.00 1+350.00 1+360.00 1+370.00 1+380.00 1+390.00 1+400.00

ROAD: 35-01
LONGITUDINAL PROFILE



MASTER PLAN



NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

45m ROW	20m ROW
35m ROW	18m ROW
32m ROW	BOUNDARY
30m ROW	FUTURE EXPANSION
24m ROW	

PLAN LEGEND:

CENTERLINE
MEDIAN
CARRIAGEWAY
PAVED SHOULDER
EARTHEN SHOULDER
ROW

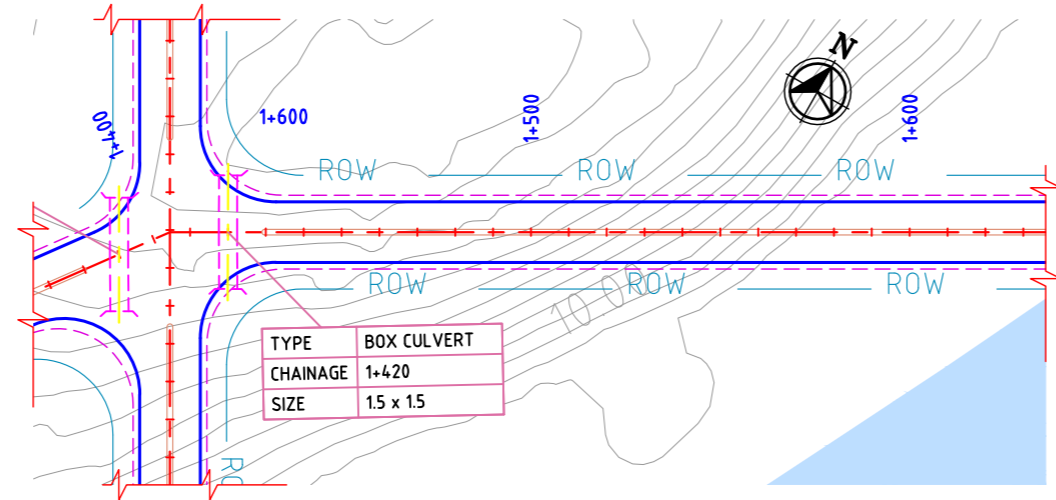
FOR TENDER PURPOSE ONLY

NOTES:

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- REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
- STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT.	SIGN.	INIT.	SIGN.
		A	24/01/24	2	TEMPLATE REVISED	BVN	DVM	ABS	BRT		
		0	23/11/23	2	FOR APPROVAL	BVN	DVM	ABS	Sd/-	BRT	Sd/-

CLIENT:	ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH
TITLE:	ROAD: 35-01 PLAN & PROFILE FROM CH: 0+950 TO CH 1+400
PROJECT NO:	C1232704
COP:	
SCALE:	HOR - 1:2000 VER - 1:200
DRAWING NO:	DDP021
REV:	A

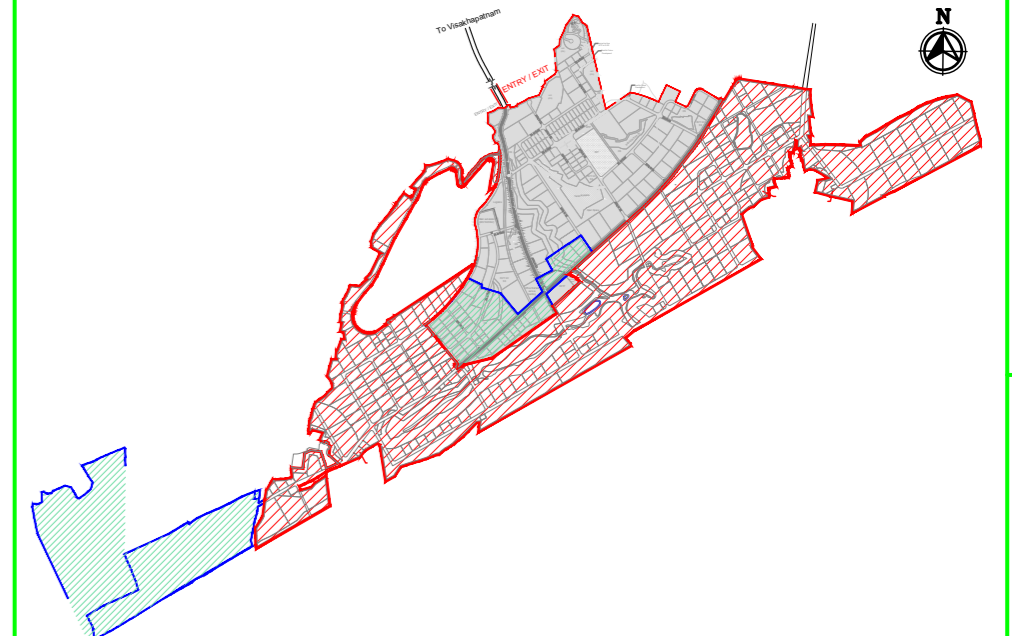


**ROAD: 30-06
PLAN**

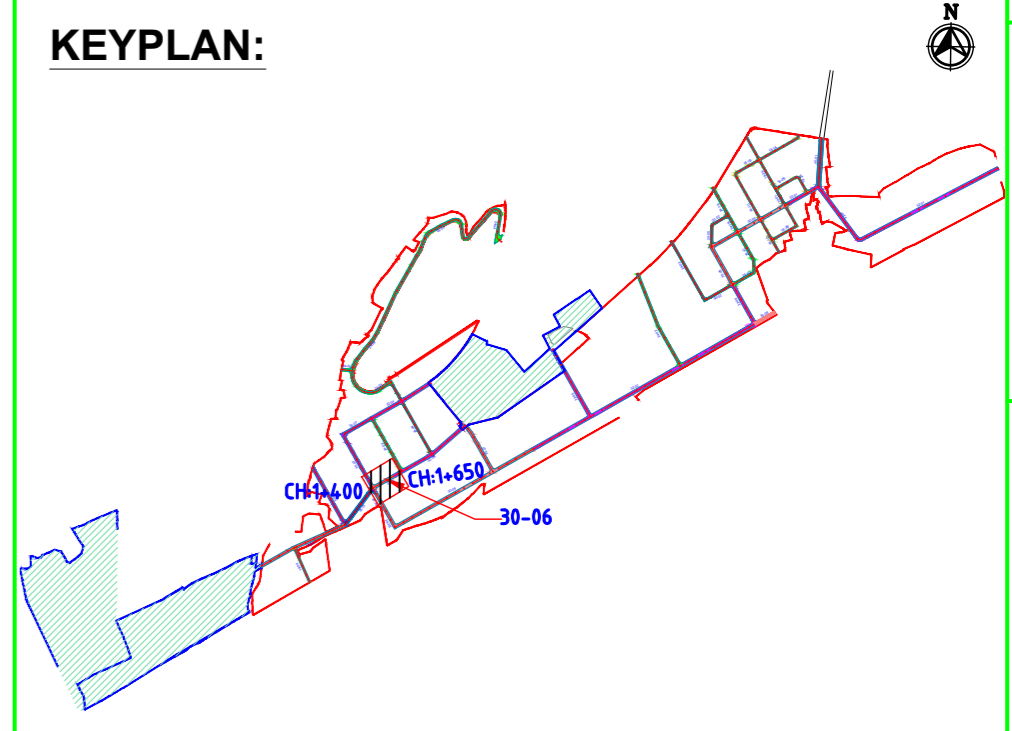


FINISHED ROAD LEVELS		EXISTING GROUND LEVEL		LEVEL DIFFERENCE		HORIZONTAL ALIGNMENT		VERTICAL SCHEMATIC		TCS TYPE		DESIGN CHAINAGE	
13.91	13.91	24.266	24.602	-11.35	-11.524	L=4.679	L=245.320	K=23.005	G=-2.040%	TYPE-4C/1	TYPE-4C	1+400.00	1+410.00
13.077	13.077	24.602	24.657	-11.524	-11.677			L=139.000	L=68.859			1+420.00	1+430.00
12.839	12.839	24.657	24.595	-11.745	-11.824							1+440.00	1+450.00
12.655	12.655	24.479	24.365	-11.824	-11.914							1+460.00	1+470.00
12.451	12.451	24.365	24.638	-12.391	-11.485							1+480.00	1+490.00
12.043	12.043	23.528	23.397	-11.559	-10.486							1+500.00	1+510.00
11.839	11.839	22.120	22.120	-10.486	-9.495							1+520.00	1+530.00
11.635	11.635	21.127	21.127	-9.495	-7.521							1+540.00	1+550.00
11.431	11.431	18.748	18.748	-7.521	-5.483							1+560.00	1+570.00
11.227	11.227	16.093	16.093	-5.483	-3.324							1+580.00	1+590.00
11.010	11.010	14.097	14.097	-3.324	-1.314							1+600.00	1+610.00
10.773	10.773	11.831	11.831	-1.314	0.860							1+620.00	1+630.00
10.517	10.517	9.381	9.381	0.860	3.564							1+640.00	1+650.00
10.241	10.241	6.382	6.382	3.564	6.219								
9.946	9.946	2.830	2.830	6.219	6.467								
9.631	9.631	2.665	2.665	6.467	6.277								
9.297	9.297	2.586	2.586	5.983	5.751								
8.942	8.942	2.424	2.424	5.751	5.446								
8.569	8.569	2.330	2.330	5.446	5.161								
8.176	8.176	2.214	2.214	4.896	4.896								
7.776	7.776	2.000	2.000	4.576	4.576								
6.976	6.976	2.000	2.000										
6.576	6.576												

**ROAD: 30-06
LONGITUDINAL PROFILE**



MASTER PLAN



KEYPLAN:

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

- 45m ROW
- 20m ROW
- 35m ROW
- 18m ROW
- 32m ROW
- BOUNDARY
- 30m ROW
- FUTURE EXPANSION
- 24m ROW

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

FOR TENDER PURPOSE ONLY

- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
 - REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
		A	240124	2	TEMPLATE REVISED	BVN	DVM	ABSR	BRT
		0	231127	2	FOR APPROVAL	BVN	DVM	ABSR	Sd/- BRT Sd/-

REVISIONS

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: ROAD: 30-06
PLAN & PROFILE FROM CH: 1+400 TO CH 1+650

PROJECT NO: C1232704

COP: SCALE: HOR - 1:2000
VER - 1:200

DRAWING NO: DDP022

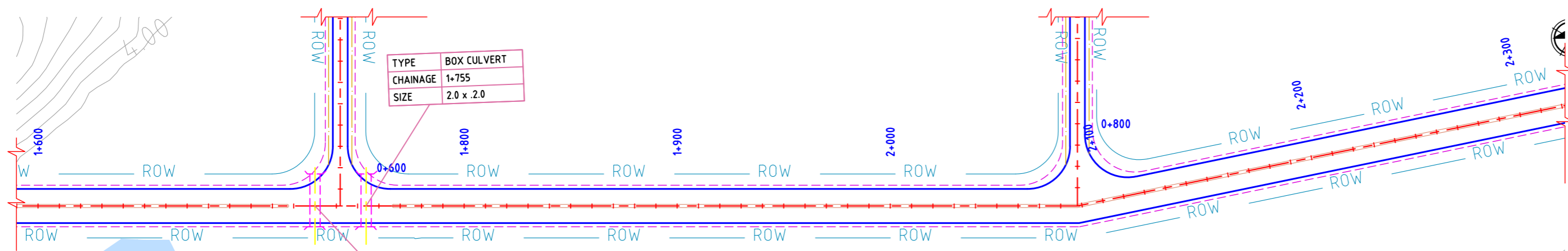
REV: A

Logos: L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)

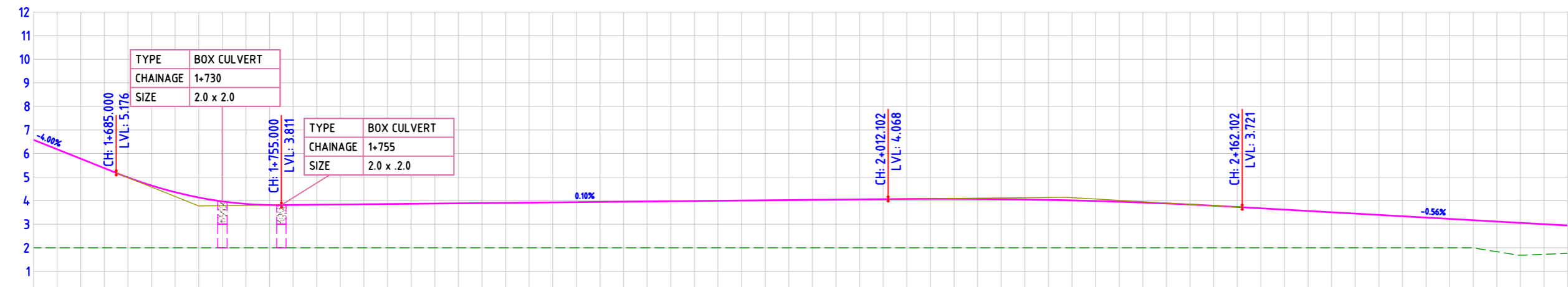
AUTO PATH: X:\ROADS\2023\C1232704 - DETAIL DESIGN FOR APBDD\WORKING\DRAWINGS\44-ROADS\RA\PLAN & PROFILES\DDP022-RA-PLAN AND PROFILE - 35-0133-01 TO 32-46 & 30-01 TO 30-09.DWG

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plot scale 50m

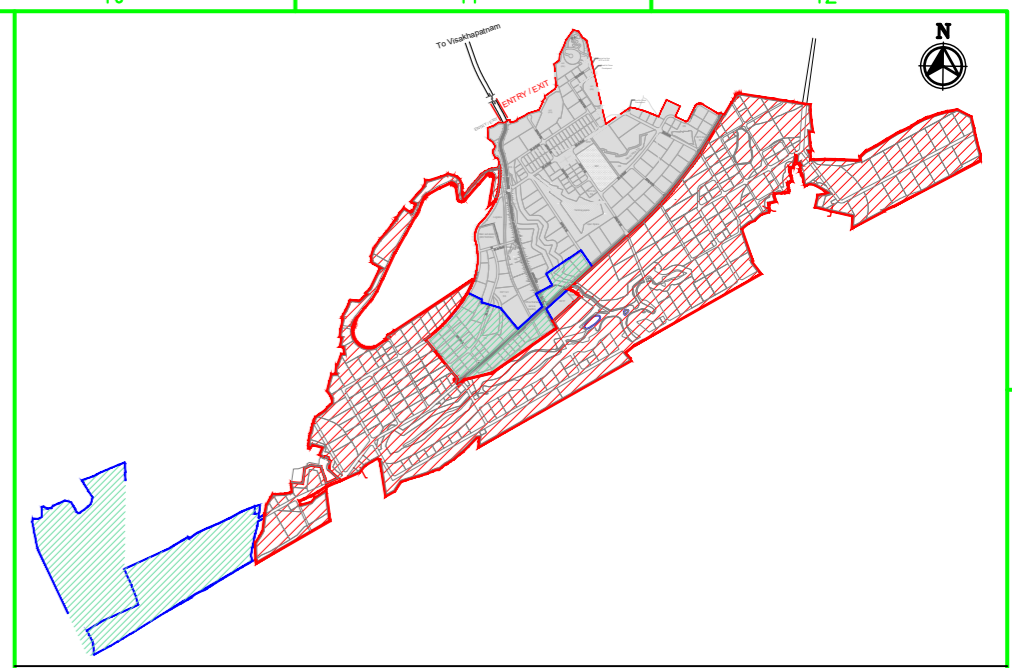


**ROAD: 32-03
PLAN**

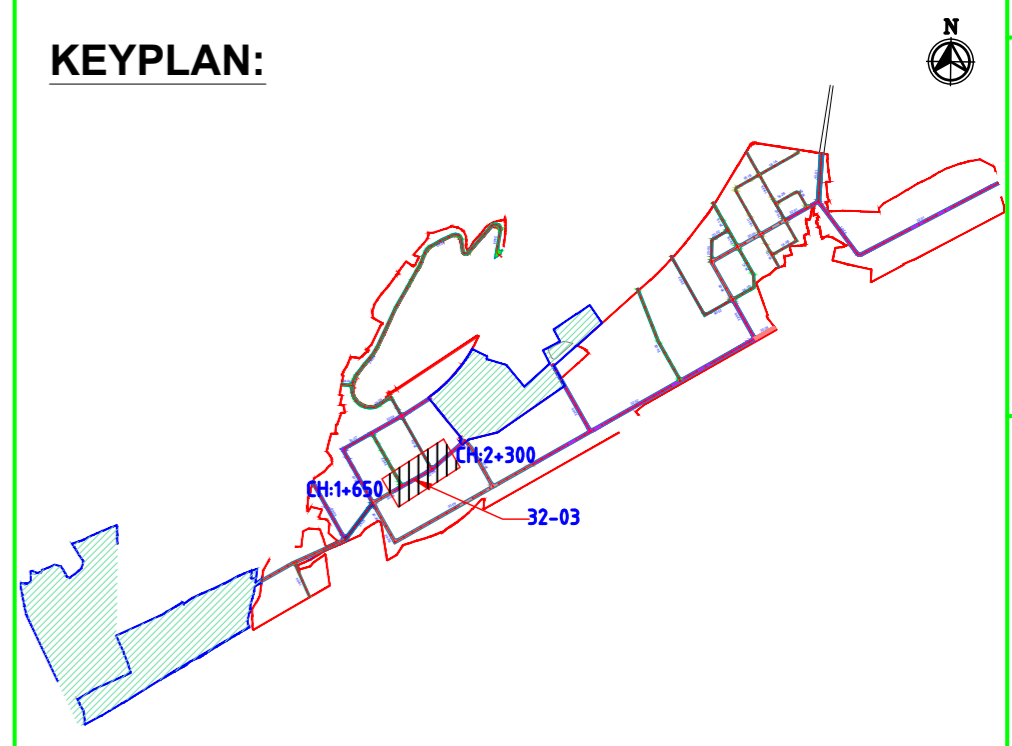


**ROAD: 32-03
LONGITUDINAL PROFILE**

FINISHED ROAD LEVELS	EXISTING GROUND LEVEL	LEVEL DIFFERENCE	HORIZONTAL ALIGNMENT	VERTICAL SCHEMATIC	TCS TYPE	DESIGN CHAINAGE
6.576	2.000	4.576	L=437.852	G=-4.000% L=76.59%	TYPE-3A	1+650.00
6.176	2.000	4.176				1+660.00
5.776	2.000	3.776	K=17.073 L=70.000	G=0.100% L=257.102	1+680.00	
5.376	2.000	3.376			1+690.00	
4.983	2.000	2.983	K=226.486 L=150.000	G=-0.562% L=371.508	1+700.00	
4.641	2.000	2.641			1+710.00	
4.359	2.000	2.359	L=212.148		1+720.00	
4.134	2.000	2.134			1+730.00	
3.969	2.000	1.969			1+740.00	
3.861	2.000	1.862			1+750.00	
3.816	2.000	1.816			1+760.00	
3.826	2.000	1.826			1+770.00	
3.836	2.000	1.836			1+780.00	
3.846	2.000	1.846			1+790.00	
3.856	2.000	1.856			1+800.00	
3.866	2.000	1.866			1+810.00	
3.876	2.000	1.876			1+820.00	
3.886	2.000	1.886			1+830.00	
3.896	2.000	1.896			1+840.00	
3.906	2.000	1.906			1+850.00	
3.916	2.000	1.916			1+860.00	
3.926	2.000	1.926			1+870.00	
3.936	2.000	1.936			1+880.00	
3.946	2.000	1.946			1+890.00	
3.956	2.000	1.956			1+900.00	
3.966	2.000	1.966			1+910.00	
3.976	2.000	1.976			1+920.00	
3.986	2.000	1.986			1+930.00	
3.996	2.000	1.996			1+940.00	
4.006	2.000	2.006			1+950.00	
4.016	2.000	2.016			1+960.00	
4.026	2.000	2.026			1+970.00	
4.036	2.000	2.036			1+980.00	
4.046	2.000	2.046			1+990.00	
4.056	2.000	2.056			2+000.00	
4.066	2.000	2.066			2+010.00	
4.074	2.000	2.074			2+020.00	
4.079	2.000	2.079			2+030.00	
4.078	2.000	2.078			2+040.00	
4.074	2.000	2.074			2+050.00	
4.065	2.000	2.065			2+060.00	
4.052	2.000	2.052			2+070.00	
4.034	2.000	2.034			2+080.00	
4.012	2.000	2.012			2+090.00	
3.985	2.000	1.985			2+100.00	
3.954	2.000	1.954			2+110.00	
3.919	2.000	1.919			2+120.00	
3.879	2.000	1.879			2+130.00	
3.834	2.000	1.834			2+140.00	
3.786	2.000	1.786			2+150.00	
3.733	2.000	1.733			2+160.00	
3.677	2.000	1.677			2+170.00	
3.620	2.000	1.620			2+180.00	
3.564	2.000	1.564			2+190.00	
3.508	2.000	1.508			2+200.00	
3.452	2.000	1.452			2+210.00	
3.395	2.000	1.395			2+220.00	
3.339	2.000	1.339			2+230.00	
3.283	2.000	1.283			2+240.00	
3.227	2.000	1.227			2+250.00	
3.170	1.992	1.179			2+260.00	
3.114	1.833	1.281			2+270.00	
3.058	1.687	1.371			2+280.00	
3.002	1.722	1.279			2+290.00	
2.946	1.764	1.182			2+300.00	



MASTER PLAN



KEYPLAN:

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

- 45m ROW
- 35m ROW
- 32m ROW
- 30m ROW
- 24m ROW
- 20m ROW
- 18m ROW
- BOUNDARY
- FUTURE EXPANSION

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

FOR TENDER PURPOSE ONLY

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REV.	YYMMDD DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
A	240124	2	TEMPLATE REVISED	BVN	DVM	ABS	BRT
0	231127	2	FOR APPROVAL	BVN	DVM	ABS	Sd/- BRT Sd/-

REVISIONS

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: ROAD: 32-03
PLAN & PROFILE FROM CH: 1+650 TO CH 2+300

PROJECT NO: C1232704

COP: SCALE: HOR - 1:2000
VER - 1:200

DRAWING NO: DDP023

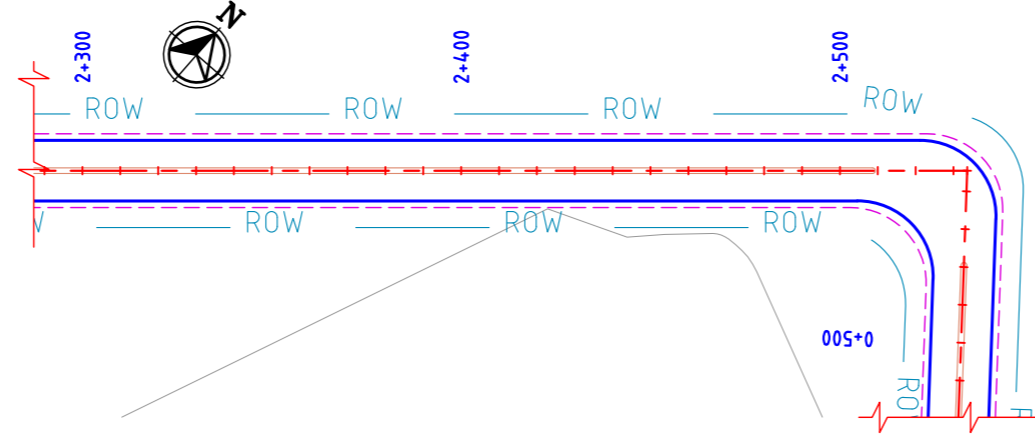
REV: A

Logos: L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)

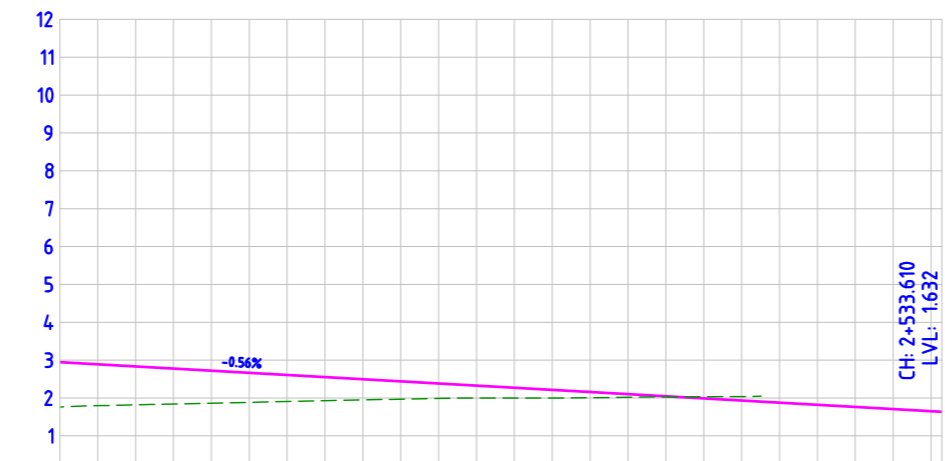
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plot scale 50m



**ROAD: 32-03
PLAN**



FINISHED ROAD LEVELS	
2+300.00	2.946
2+310.00	2.889
2+320.00	2.833
2+330.00	2.777
2+340.00	2.721
2+350.00	2.664
2+360.00	2.608
2+370.00	2.552
2+380.00	2.496
2+390.00	2.440
2+400.00	2.383
2+410.00	2.327
2+420.00	2.271
2+430.00	2.215
2+440.00	2.158
2+450.00	2.102
2+460.00	2.046
2+470.00	1.990
2+480.00	1.933
2+490.00	1.877
2+500.00	1.821
2+510.00	1.765
2+520.00	1.709
2+530.00	1.652
2+533.610	1.652

EXISTING GROUND LEVEL	
2+300.00	1.764
2+310.00	1.799
2+320.00	1.819
2+330.00	1.840
2+340.00	1.862
2+350.00	1.885
2+360.00	1.908
2+370.00	1.928
2+380.00	1.949
2+390.00	1.969
2+400.00	1.990
2+410.00	2.000
2+420.00	2.000
2+430.00	2.000
2+440.00	2.008
2+450.00	2.020
2+460.00	2.030
2+470.00	2.035
2+480.00	2.039

LEVEL DIFFERENCE	
2+300.00	1.182
2+310.00	1.091
2+320.00	1.014
2+330.00	0.937
2+340.00	0.859
2+350.00	0.780
2+360.00	0.700
2+370.00	0.624
2+380.00	0.547
2+390.00	0.470
2+400.00	0.393
2+410.00	0.321
2+420.00	0.271
2+430.00	0.215
2+440.00	0.151
2+450.00	0.082
2+460.00	0.015
2+470.00	-0.045
2+480.00	-0.105

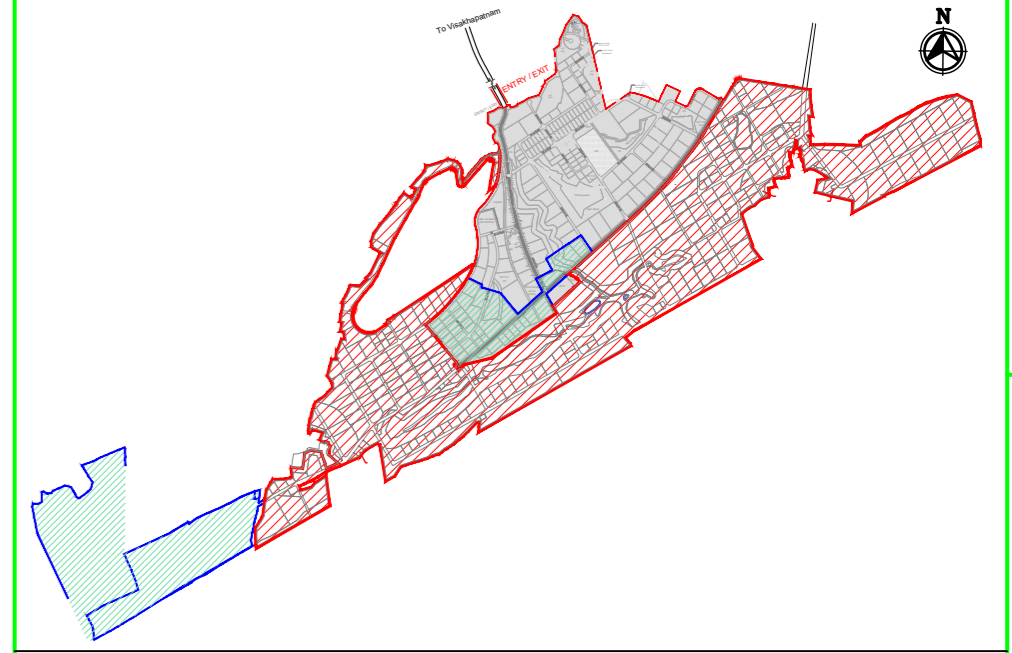
HORIZONTAL ALIGNMENT	
L=233.600	

VERTICAL SCHEMATIC	
G=-0.562%	
L=371.508	

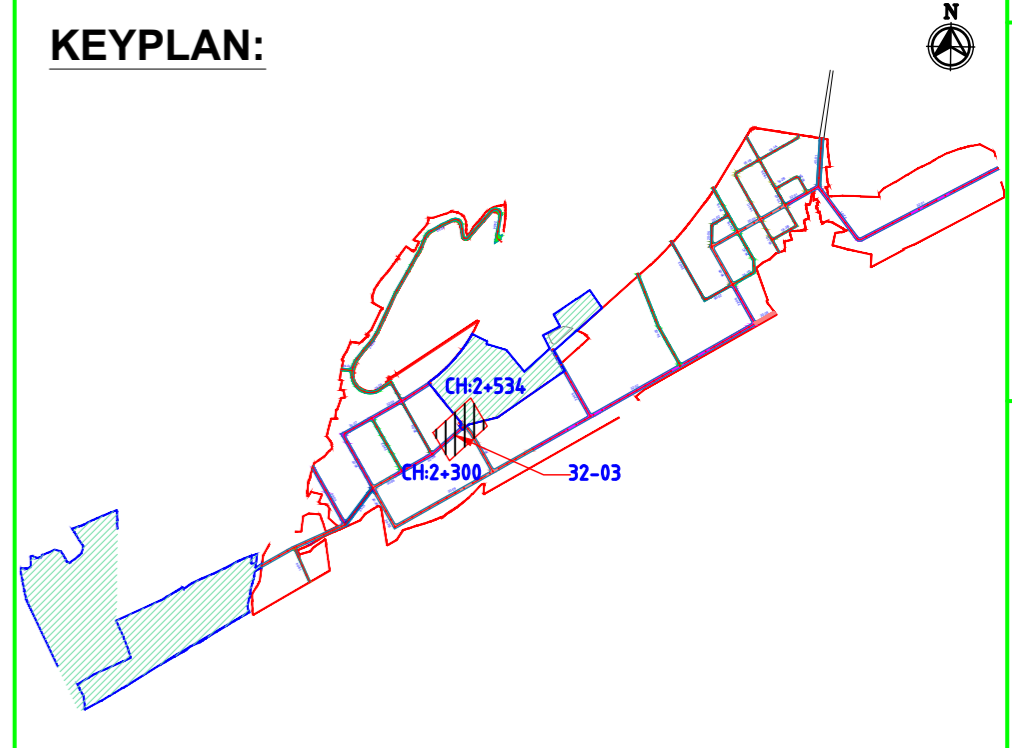
TCS TYPE	
TYPE-3A	
TYPE-3A/1	
TYPE-3A	

DESIGN CHAINAGE	
2+300.00	2+310.00
2+320.00	2+330.00
2+340.00	2+350.00
2+360.00	2+370.00
2+380.00	2+390.00
2+400.00	2+410.00
2+420.00	2+430.00
2+440.00	2+450.00
2+460.00	2+470.00
2+480.00	2+490.00
2+500.00	2+510.00
2+520.00	2+530.00
2+533.610	2+533.610

**ROAD: 32-03
LONGITUDINAL PROFILE**



MASTER PLAN



KEYPLAN:

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

- 45m ROW
- 20m ROW
- 35m ROW
- 18m ROW
- 32m ROW
- BOUNDARY
- 30m ROW
- FUTURE EXPANSION
- 24m ROW

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

FOR TENDER PURPOSE ONLY

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DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
		A	24/01/24	2	TEMPLATE REVISED	BVN	DVM	ABSR	BRT
		0	23/11/23	2	FOR APPROVAL	BVN	DVM	ABSR	Sd/- BRT

REVISIONS	
1: PRELIMINARY	2: FOR APPROVAL
3: GOOD FOR CONSTRUCTION	4:

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: ROAD: 32-03
PLAN & PROFILE FROM CH: 2+300 TO CH 2+534

PROJECT NO: C1232704

SCALE: HOR - 1:2000
VER - 1:200

DRAWING NO: DDP024

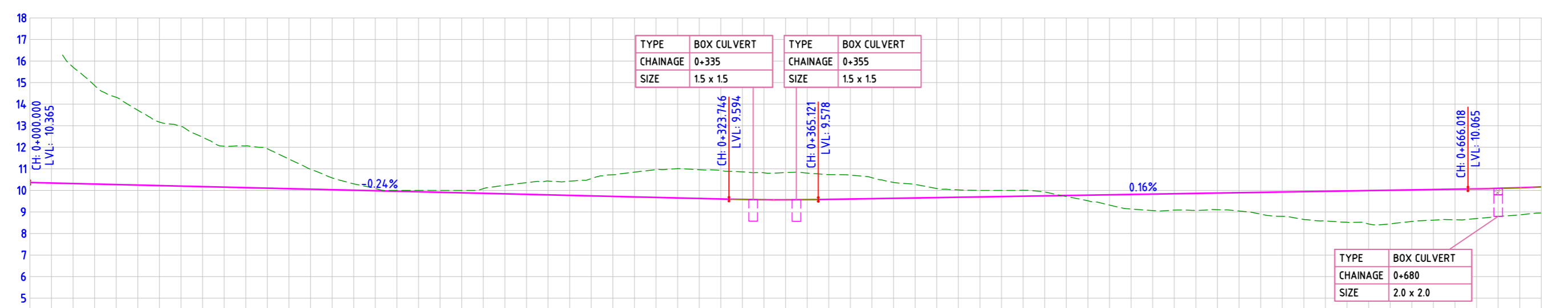
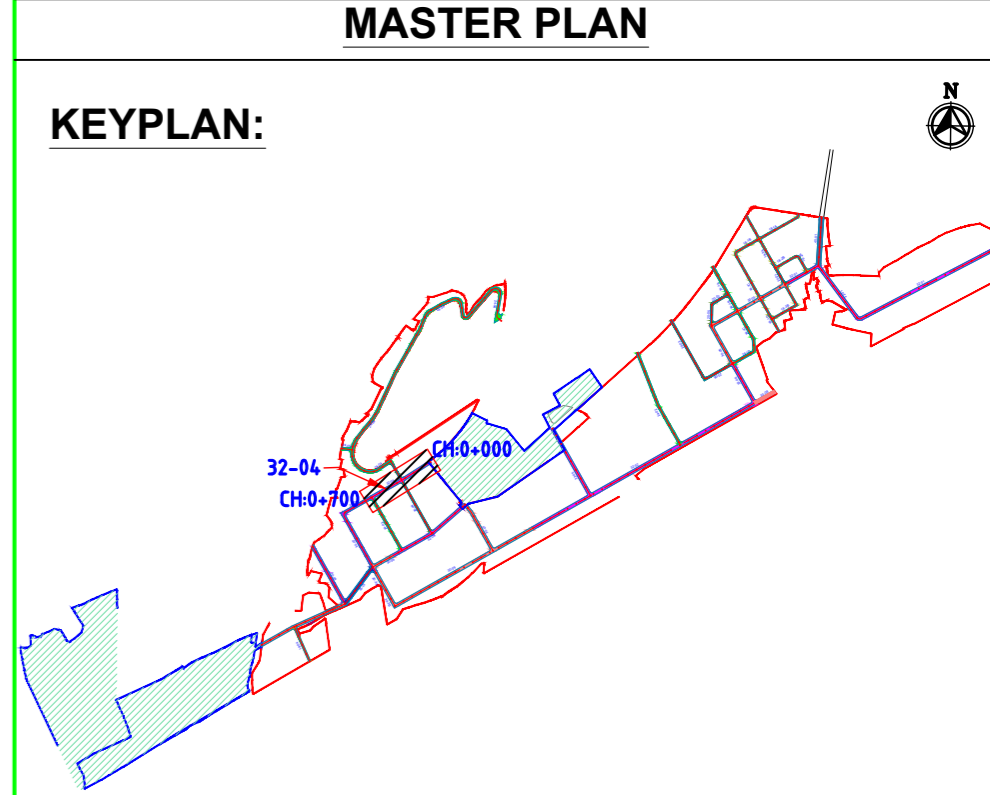
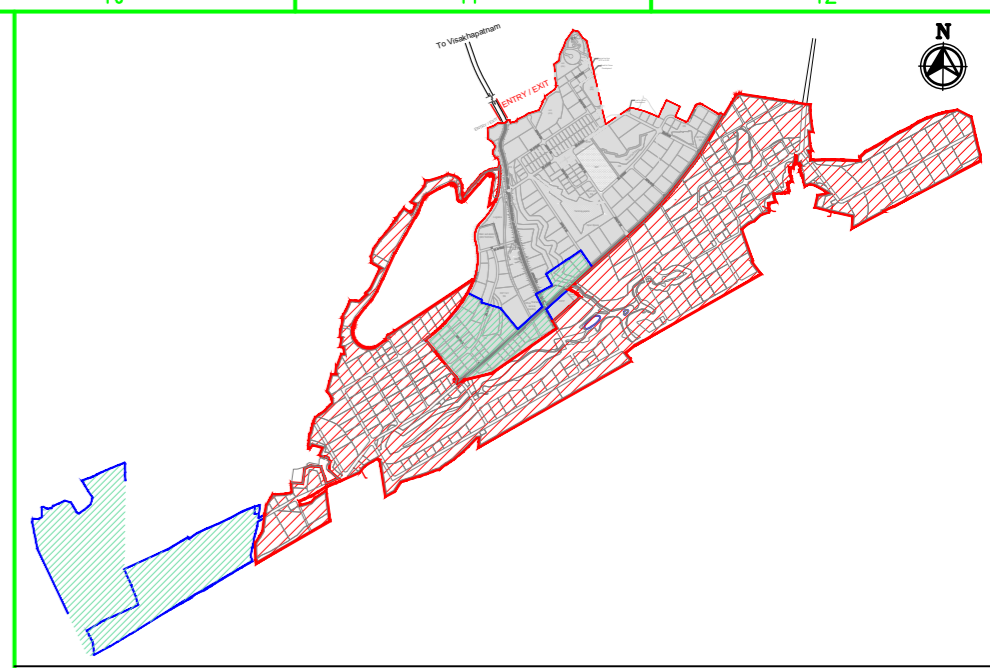
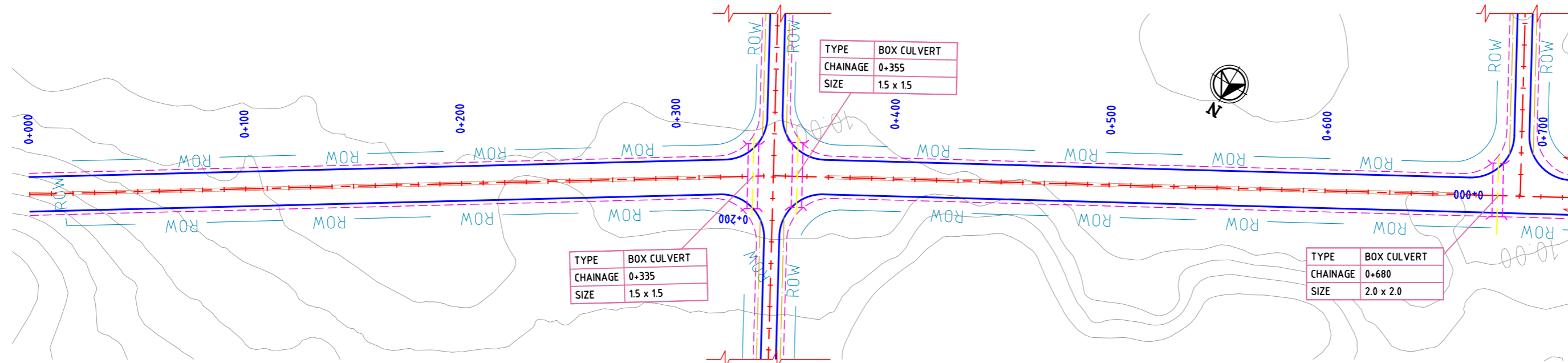
REV: A

COMPANIES: L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)

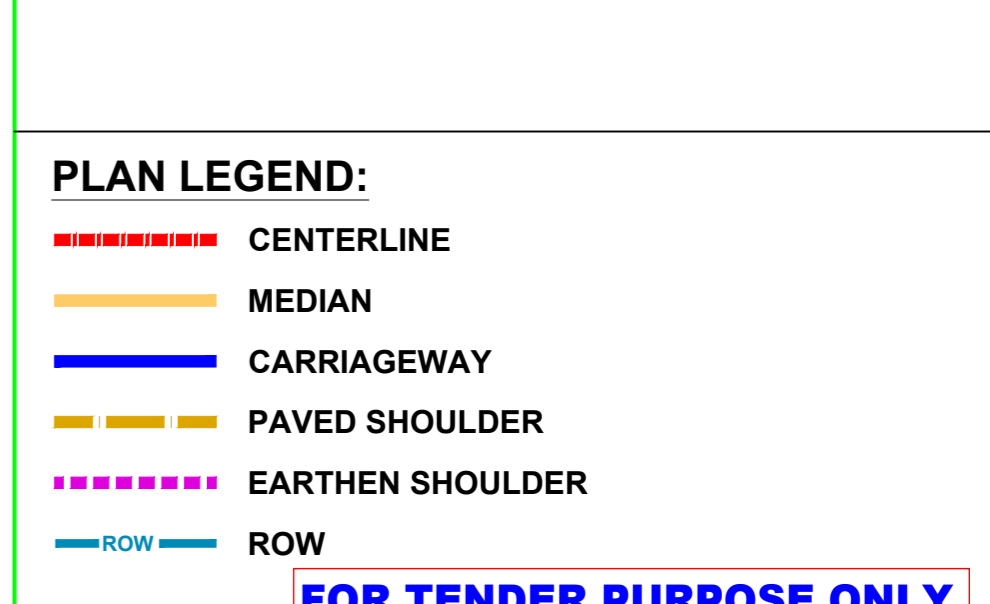
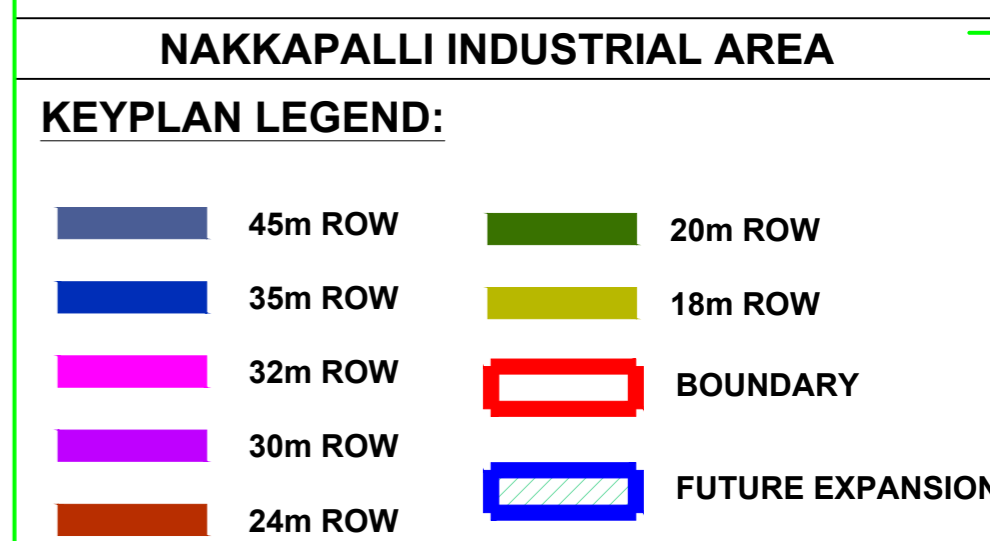
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plot scale 50m



FINISHED ROAD LEVELS	EXISTING GROUND LEVEL	LEVEL DIFFERENCE	HORIZONTAL ALIGNMENT	VERTICAL SCHEMATIC	TCS TYPE	DESIGN CHAINAGE
10.365	15.719	-5.402	L=344.434	G=-0.238%	TYPE - 3B/1	0+000.00
10.341	14.865	-4.572				0+010.00
10.294	14.317	-4.048	L=355.566	G=0.162%	TYPE - 3B	0+020.00
10.270	13.716	-3.471				0+030.00
10.246	13.170	-2.948	K=103.373	L=41.374	K=139.435	0+040.00
10.222	12.970	-2.771				0+050.00
10.198	12.465	-2.291	L=300.898	L=48.831		0+060.00
10.174	12.053	-1.993				0+070.00
10.151	11.931	-1.828	L=323.746			0+080.00
10.127	11.453	-1.374				0+090.00
10.103	10.983	-0.928	L=323.746			0+100.00
10.079	10.581	-0.550				0+110.00
10.055	10.086	-0.102				0+120.00
10.031	10.000	-0.064				0+130.00
9.984	10.000	-0.087				0+140.00
9.960	10.000	-0.111				0+150.00
9.936	10.000	-0.217				0+160.00
9.912	10.000	-0.394				0+170.00
9.888	10.000	-0.639				0+180.00
9.865	10.000	-0.659				0+190.00
9.841	10.000	-0.802				0+200.00
9.817	10.000	-1.004				0+210.00
9.793	10.000	-1.149				0+220.00
9.769	10.000	-1.288				0+230.00
9.745	10.000	-1.355				0+240.00
9.722	10.000	-1.335				0+250.00
9.698	10.000	-1.371				0+260.00
9.674	10.000	-1.279				0+270.00
9.650	10.000	-1.245				0+280.00
9.626	10.000	-1.265				0+290.00
9.602	10.000	-1.230				0+300.00
9.578	10.000	-1.147				0+310.00
9.554	10.000	-1.108				0+320.00
9.530	10.000	-0.969				0+330.00
9.506	10.000	-0.737				0+340.00
9.482	10.000	-0.623				0+350.00
9.458	10.000	-0.541				0+360.00
9.434	10.000	-0.420				0+370.00
9.410	10.000	-0.341				0+380.00
9.386	10.000	-0.284				0+390.00
9.362	10.000	-0.274				0+400.00
9.338	10.000	-0.178				0+410.00
9.314	10.000	0.046				0+420.00
9.290	10.000	0.262				0+430.00
9.266	10.000	0.476				0+440.00
9.242	10.000	0.677				0+450.00
9.218	10.000	0.763				0+460.00
9.194	10.000	0.759				0+470.00
9.170	10.000	0.799				0+480.00
9.146	10.000	0.773				0+490.00
9.122	10.000	0.850				0+500.00
9.098	10.000	1.011				0+510.00
9.074	10.000	1.128				0+520.00
9.050	10.000	1.293				0+530.00
9.026	10.000	1.376				0+540.00
9.002	10.000	1.450				0+550.00
8.978	10.000	1.547				0+560.00
8.954	10.000	1.558				0+570.00
8.930	10.000	1.466				0+580.00
8.906	10.000	1.419				0+590.00
8.882	10.000	1.417				0+600.00
8.858	10.000	1.377				0+610.00
8.834	10.000	1.300				0+620.00
8.810	10.000	1.258				0+630.00
8.786	10.000	1.209				0+640.00
8.762	10.000					0+650.00
8.738	10.000					0+660.00
8.714	10.000					0+670.00
8.690	10.000					0+680.00
8.666	10.000					0+690.00
8.642	10.000					0+700.00
8.618	10.000					



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REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED	INIT. CHECKED	SIGN. APPROVED
A	240124	2	TEMPLATE REVISED	BVN	DVM	ABSR	BRT		
0	231127	2	FOR APPROVAL	BVN	DVM	ABSR	Sd/-	BRT	Sd/-

REVISIONS

STATUS CODES: 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: ROAD: 32-04 PLAN & PROFILE FROM CH: 0+000 TO CH 0+700

PROJECT NO: C1232704

SCALE: HOR - 1:2000 VER - 1:200

DRAWING NO: DDP025 **REV:** A

IN CONSORTIUM WITH: ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)

AUTO PATH: X:\ROADS\2023\1232704 - DETAIL DESIGN FOR APBDDP WORKING DRAWINGS\44-ROADS\RAJPLAN & PROFILES\DDP025-RAJPLAN AND PROFILE - 35-0132-01 TO 32-04 & 30-01 TO 30-09.DWG

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LEFT CORNER OF THE DRAWING

PLOT SCALE

ORIG. SIZE: A2

50mm

plot scale

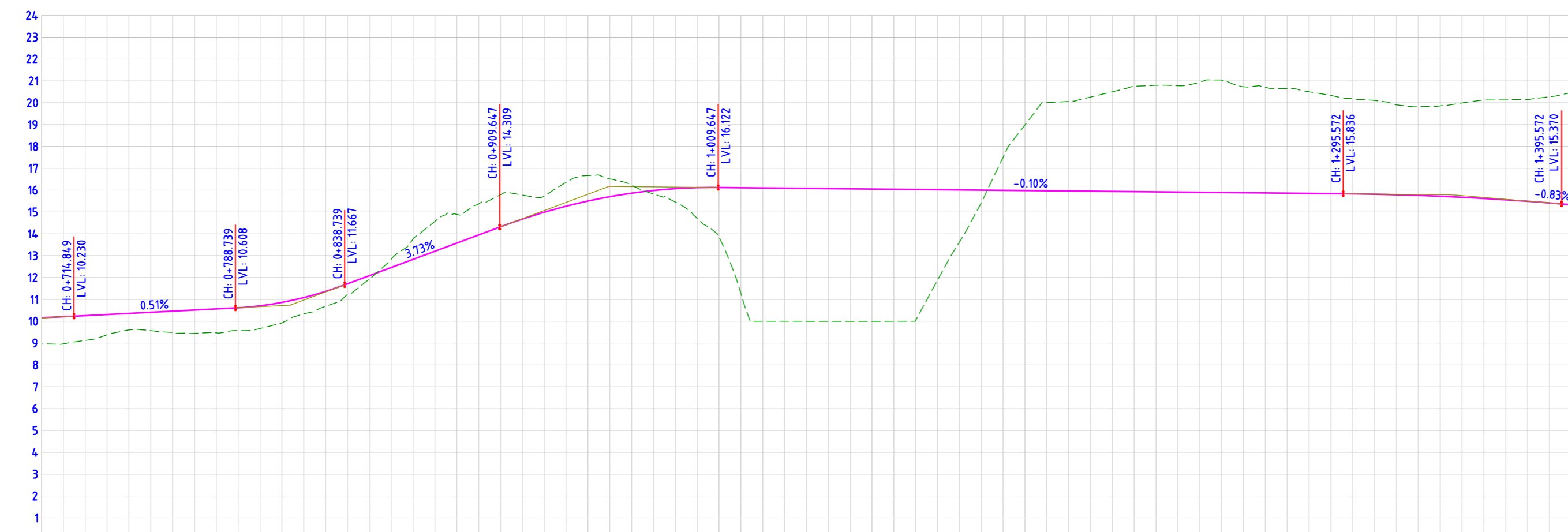
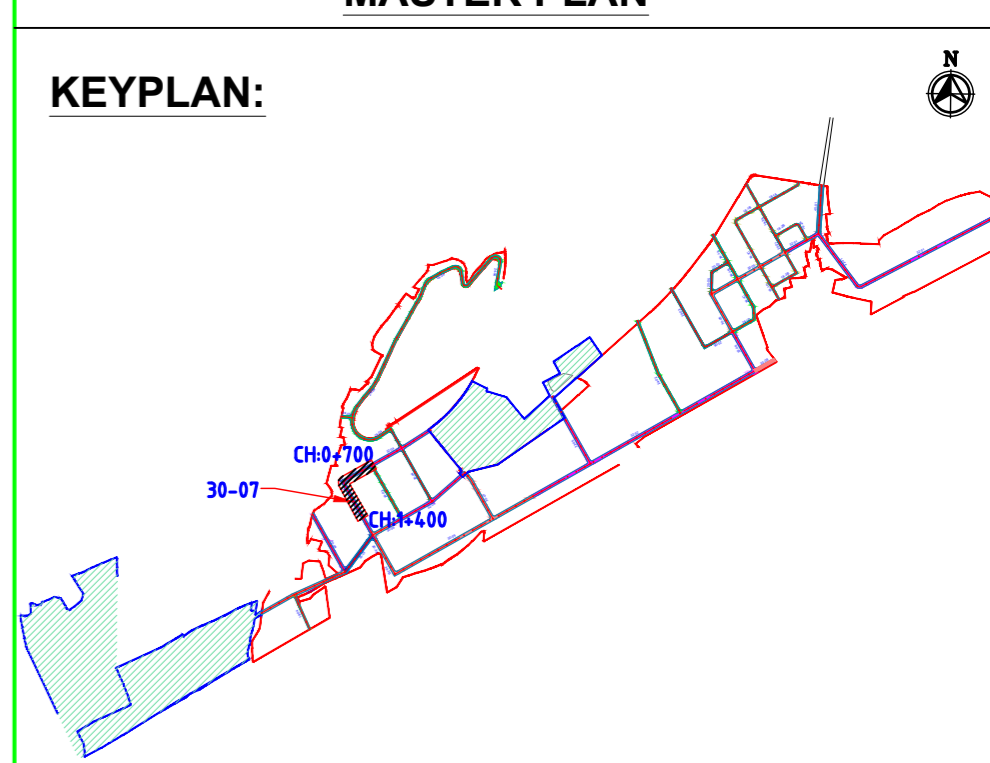
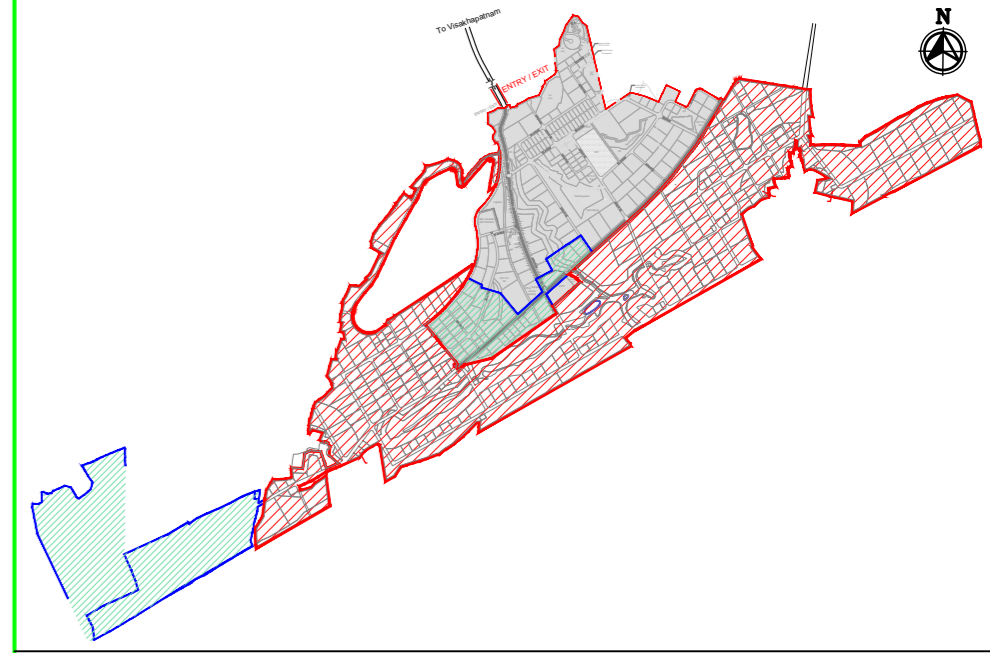
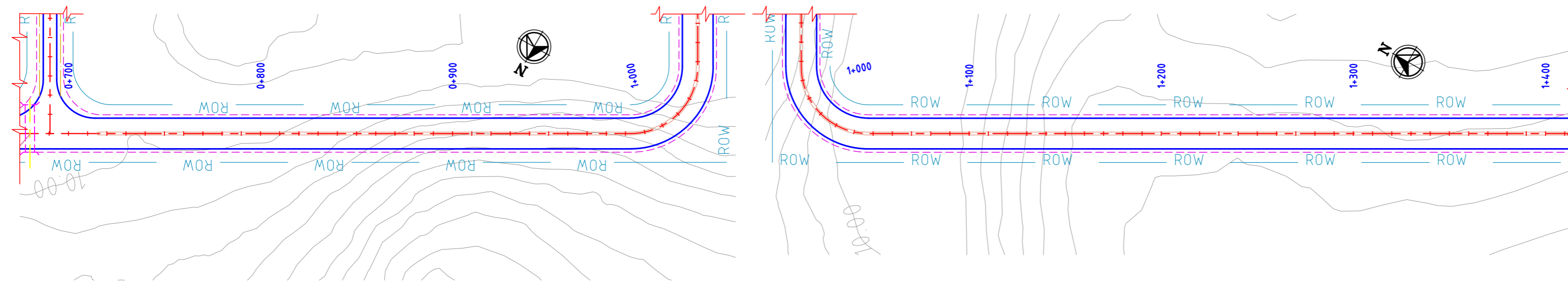
50mm

plot scale

50mm

plot scale

50mm



FINISHED ROAD LEVELS	10.162 10.206 10.256 10.307 10.358 10.410 10.461 10.512 10.563 10.615 10.707 10.862 11.082 11.366 11.714 12.087 12.460 12.832 13.205 13.577 13.950 14.322 14.674 15.000 15.264 15.501 15.700 15.861 15.983 16.067 16.114 16.121 16.111 16.101 16.091 16.081 16.071 16.061 16.051 16.041 16.031 16.021 16.011 16.001 15.991 15.981 15.971 15.961 15.951 15.941 15.931 15.921 15.911 15.901 15.891 15.881 15.871 15.861 15.851 15.841 15.831 15.814 15.789 15.758 15.719 15.673 15.619 15.559 15.491 15.415 15.333
EXISTING GROUND LEVEL	8.952 8.963 9.122 9.378 9.602 9.568 9.476 9.445 9.468 9.568 9.666 9.921 10.862 11.366 11.714 12.087 12.460 12.832 13.205 13.577 13.950 14.322 14.674 15.000 15.264 15.501 15.700 15.861 15.983 16.067 16.114 16.121 16.111 16.101 16.091 16.081 16.071 16.061 16.051 16.041 16.031 16.021 16.011 16.001 15.991 15.981 15.971 15.961 15.951 15.941 15.931 15.921 15.911 15.901 15.891 15.881 15.871 15.861 15.851 15.841 15.831 15.814 15.789 15.758 15.719 15.673 15.619 15.559 15.491 15.415 15.333
LEVEL DIFFERENCE	1.209 1.134 0.929 0.756 0.841 0.985 1.067 1.096 1.047 1.041 0.942 0.743 0.683 0.499 0.160 -0.370 -0.924 -1.365 -1.317 -1.415 -1.468 -1.101 -0.740 -1.090 -1.166 -0.814 -0.364 0.159 0.613 1.402 2.266 4.832 6.102 6.092 6.083 6.073 6.064 6.053 6.042 5.988 4.138 2.386 0.590 -1.518 -3.007 -4.038 -4.099 -4.311 -4.564 -4.827 -4.879 -4.870 -5.039 -5.144 -4.852 -4.838 -4.789 -4.653 -4.495 -4.357 -4.291 -4.117 -4.060 -4.138 -4.319 -4.507 -4.573 -4.665 -4.859 -5.129
HORIZONTAL ALIGNMENT	L=292.606 R=35.000 L=54.978 L=352.415
VERTICAL SCHEMATIC	K=139.435 L=48.831 G=0.512% L=73.890 K=15.561 L=50.000 G=3.725% L=70.908 K=26.142 L=100.000 G=-0.100% L=285.925 K=136.705 L=100.000 G=-0.833% L=196.509
TCS TYPE	TYPE - 4F TYPE - 4F/1 TYPE - 4F TYPE - 4F/1
DESIGN CHAINAGE	0+700.00 0+710.00 0+720.00 0+730.00 0+740.00 0+750.00 0+760.00 0+770.00 0+780.00 0+790.00 0+800.00 0+810.00 0+820.00 0+830.00 0+840.00 0+850.00 0+860.00 0+870.00 0+880.00 0+890.00 0+900.00 0+910.00 0+920.00 0+930.00 0+940.00 0+950.00 0+960.00 0+970.00 0+980.00 0+990.00 1+000.00 1+010.00 1+020.00 1+030.00 1+040.00 1+050.00 1+060.00 1+070.00 1+080.00 1+090.00 1+100.00 1+110.00 1+120.00 1+130.00 1+140.00 1+150.00 1+160.00 1+170.00 1+180.00 1+190.00 1+200.00 1+210.00 1+220.00 1+230.00 1+240.00 1+250.00 1+260.00 1+270.00 1+280.00 1+290.00 1+300.00 1+310.00 1+320.00 1+330.00 1+340.00 1+350.00 1+360.00 1+370.00 1+380.00 1+390.00 1+400.00

ROAD: 30-07 LONGITUDINAL PROFILE

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

- 45m ROW
- 35m ROW
- 32m ROW
- 30m ROW
- 24m ROW
- 20m ROW
- 18m ROW
- BOUNDARY
- FUTURE EXPANSION

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

FOR TENDER PURPOSE ONLY

SHEET 1 OF 2

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
- REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
- STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN.	INIT. APPROVED	SIGN.
A	240124	2		TEMPLATE REVISED				BVN	DVM	ABS	BRT
0	231127	2		FOR APPROVAL				BVN	DVM	ABS	Sd/- BRT

REVISIONS

STATUS CODES: 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

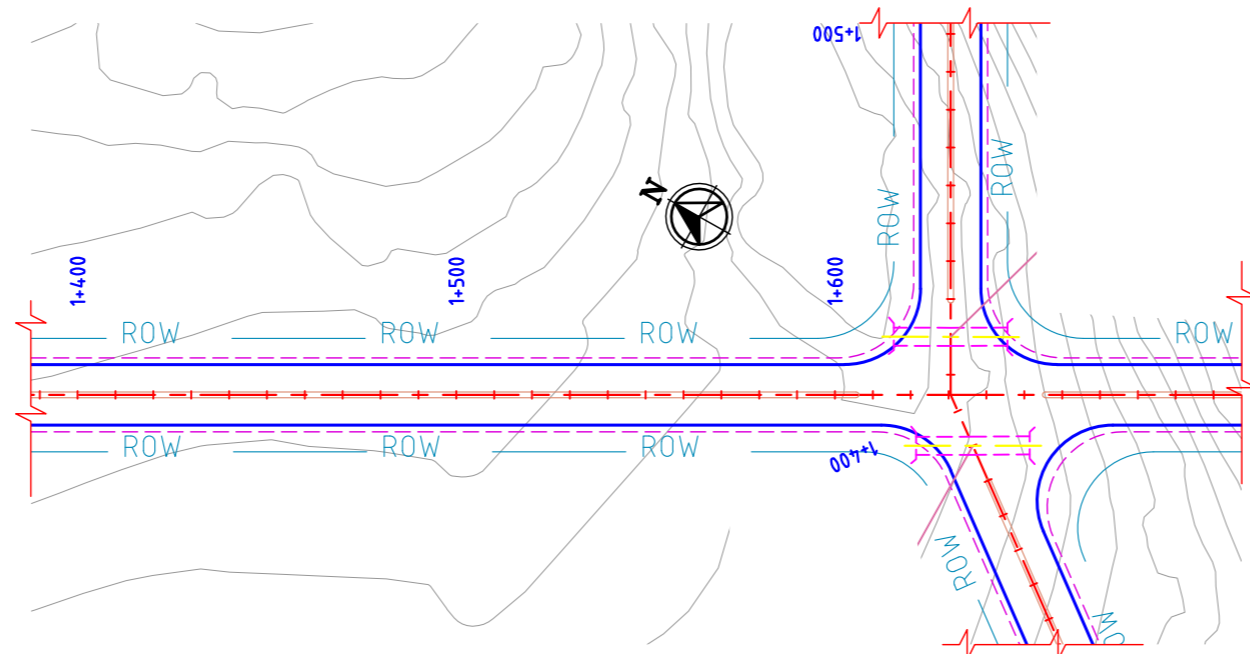
REFERENCE DRAWINGS

CLIENT:	ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)	PROJECT NO:	C1232704
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH	COP:	
TITLE:	ROAD: 30-07 PLAN & PROFILE FROM CH: 0+700 TO CH 1+400	SCALE:	HOR - 1:2000 VER - 1:200
DRAWING NO:	DDP026	REV:	A

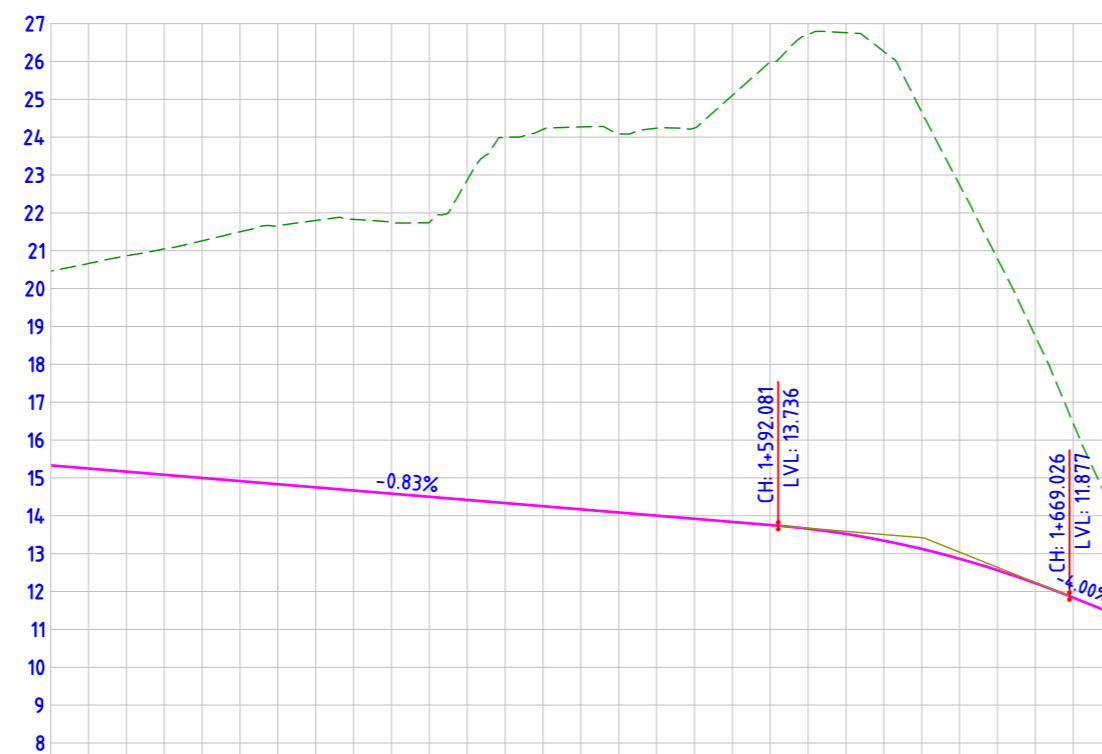
L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH **ARTELIA Consulting Engineers Ltd.** (Formerly Mahindra Consulting Engineers Ltd.)



AUTO PATH: X:\ROADS\2023\1232704 - DETAIL DESIGN FOR APBDA\WORKING DRAWINGS\44-ROADS\BRAN PLAN & PROFILES\DDP026-RAN PLAN AND PROFILE - 35-0132-01 TO 32-46 & 30-01 TO 30-09.DWG

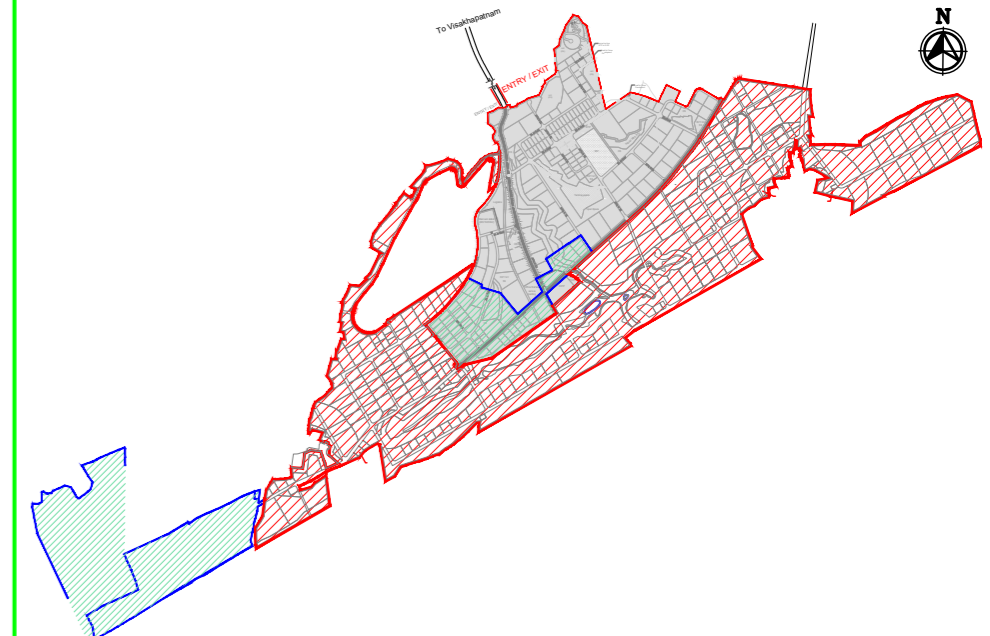


ROAD: 30-07
PLAN

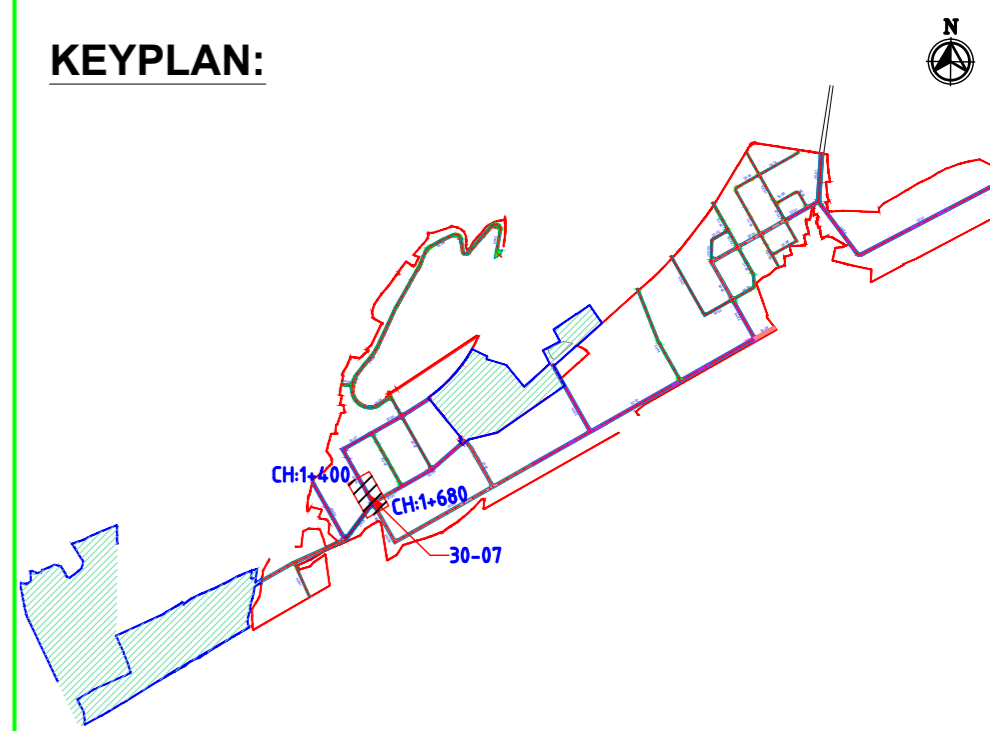


FINISHED ROAD LEVELS		EXISTING GROUND LEVEL		LEVEL DIFFERENCE		HORIZONTAL ALIGNMENT		VERTICAL SCHEMATIC		TCS TYPE		DESIGN CHAINAGE	
15.333	15.250	20.462	20.663	-5.129	-5.413	L=230.553		G=-0.832%		TYPE - 4F		1+400.00	1+410.00
15.167	15.084	20.865	21.049	-5.698	-5.965	L=49.446		K=24.284 L=76.945				1+420.00	1+430.00
15.001	14.917	21.049	21.262	-5.965	-6.262			G=-4.000%				1+440.00	1+450.00
14.917	14.834	21.262	21.664	-6.262	-6.830			L=196.509				1+460.00	1+470.00
14.834	14.751	21.664	21.799	-6.830	-7.048							1+480.00	1+490.00
14.751	14.668	21.799	21.830	-7.048	-7.162							1+500.00	1+510.00
14.668	14.585	21.830	21.738	-7.162	-7.153							1+520.00	1+530.00
14.585	14.502	21.738	21.751	-7.153	-7.249							1+540.00	1+550.00
14.502	14.419	21.751	22.864	-7.249	-8.446							1+560.00	1+570.00
14.419	14.335	22.864	23.993	-8.446	-9.658							1+580.00	1+590.00
14.335	14.252	23.993	24.203	-9.658	-9.950							1+600.00	1+610.00
14.252	14.169	24.203	24.270	-9.950	-10.101							1+620.00	1+630.00
14.169	14.086	24.270	24.237	-10.101	-10.234							1+640.00	1+650.00
14.086	13.920	24.237	24.240	-10.234	-10.320							1+660.00	1+670.00
13.920	13.836	24.240	25.03	-10.320	-11.267							1+680.00	
13.836	13.657	25.03	25.993	-11.267	-12.239								
13.657	13.521	25.993	26.708	-12.239	-13.051								
13.521	13.343	26.708	26.759	-13.051	-13.238								
13.343	13.125	26.759	26.261	-13.238	-12.917								
13.125	12.865	26.261	24.662	-12.917	-11.538								
12.865	12.564	24.662	22.740	-11.538	-9.875								
12.564	12.221	22.740	20.788	-9.875	-8.224								
12.221	11.838	20.788	18.743	-8.224	-6.521								
11.838	11.438	18.743	16.448	-6.521	-4.610								
11.438	11.438	16.448	14.219	-4.610	-2.781								

ROAD: 30-07
LONGITUDINAL PROFILE



MASTER PLAN



NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

	45m ROW		20m ROW
	35m ROW		18m ROW
	32m ROW		BOUNDARY
	30m ROW		FUTURE EXPANSION
	24m ROW		

PLAN LEGEND:

	CENTERLINE
	MEDIAN
	CARRIAGEWAY
	PAVED SHOULDER
	EARTHEN SHOULDER
	ROW

FOR TENDER PURPOSE ONLY

SHEET 2 OF 2

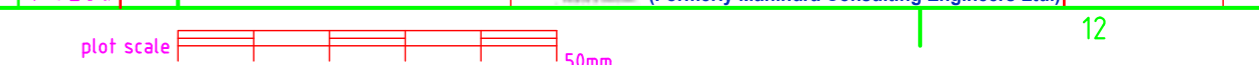
- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
 - REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN.	INIT. APPROVED	SIGN.
		A	240124	2	TEMPLATE REVISED	BVN	DVM	ABS		BRT	
		0	231127	2	FOR APPROVAL	BVN	DVM	ABS	Sd/-	BRT	Sd/-

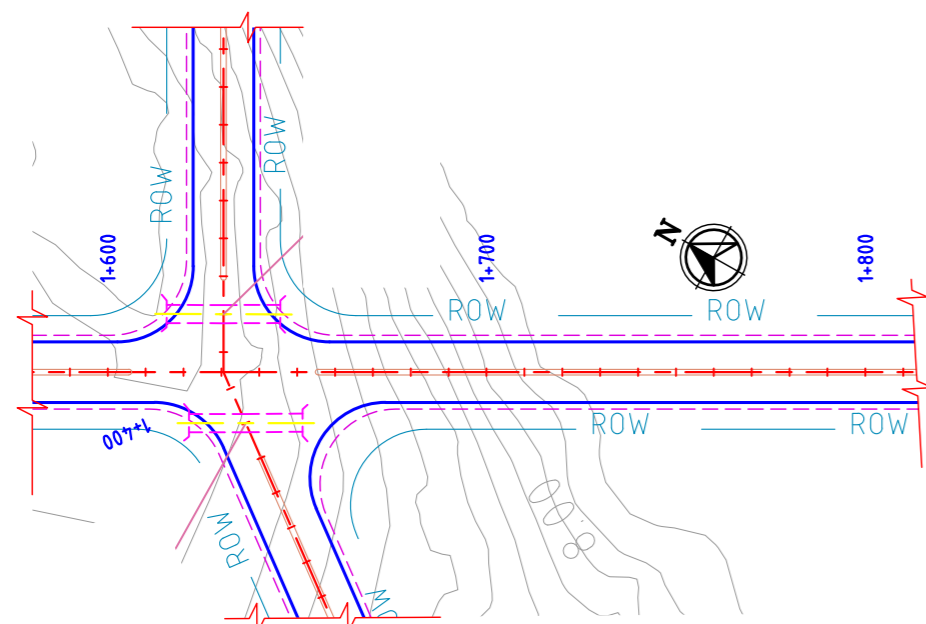
REVISIONS

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

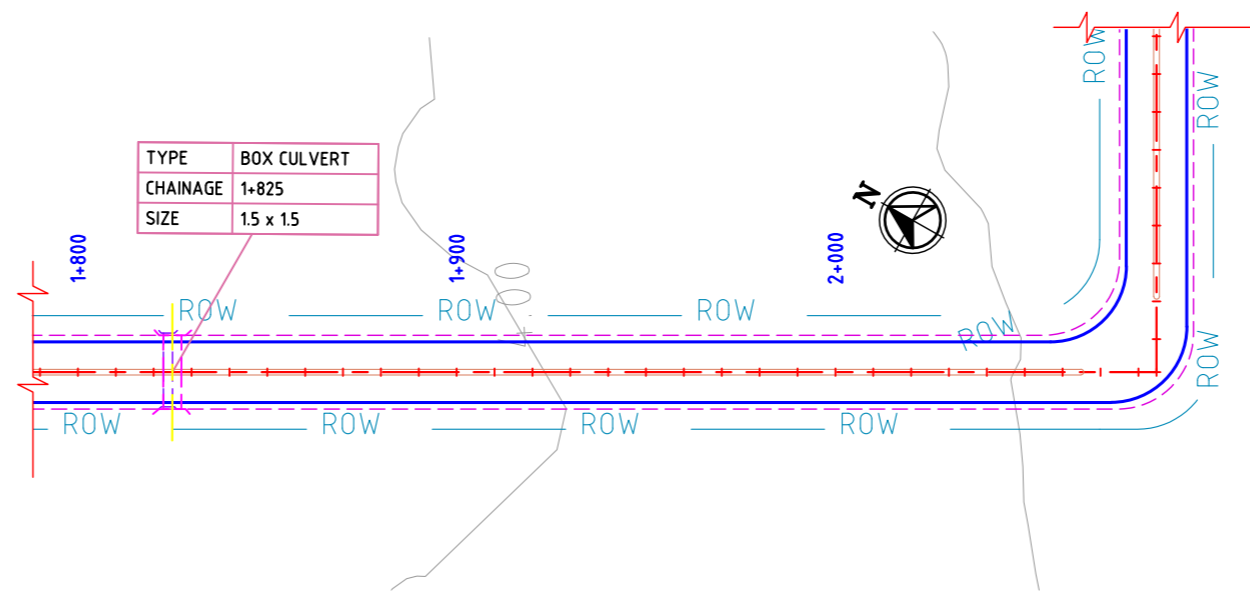
CLIENT:	ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)	PROJECT NO:	C1232704
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH	COP:	
TITLE:	ROAD: 30-07 PLAN & PROFILE FROM CH: 1+400 TO CH 1+680	SCALE:	HOR - 1:2000 VER - 1:200
		IN CONSORTIUM WITH:	
		DRAWING NO:	DDP027
		REV:	A



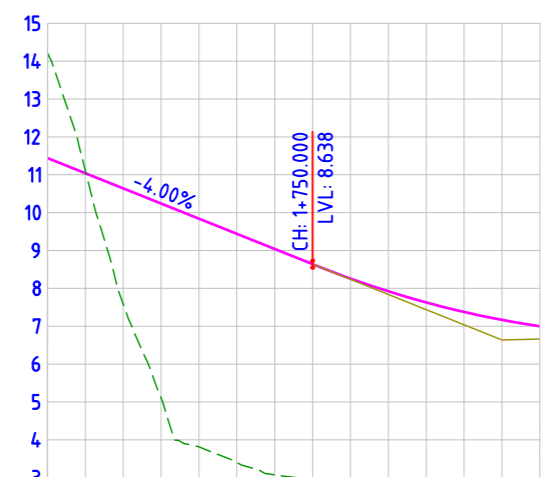
AUTO PATH: X:\ROADS\2023\C1232704 - DETAIL DESIGN FOR APBDD\WORKING\DRAWINGS\04-ROADS\RA\PLAN & PROFILES\DDP027-RA-PLAN AND PROFILE - 95-0133-01 TO 32-46 & 30-01 TO 30-09.DWG



**ROAD: 30-3A
PLAN**

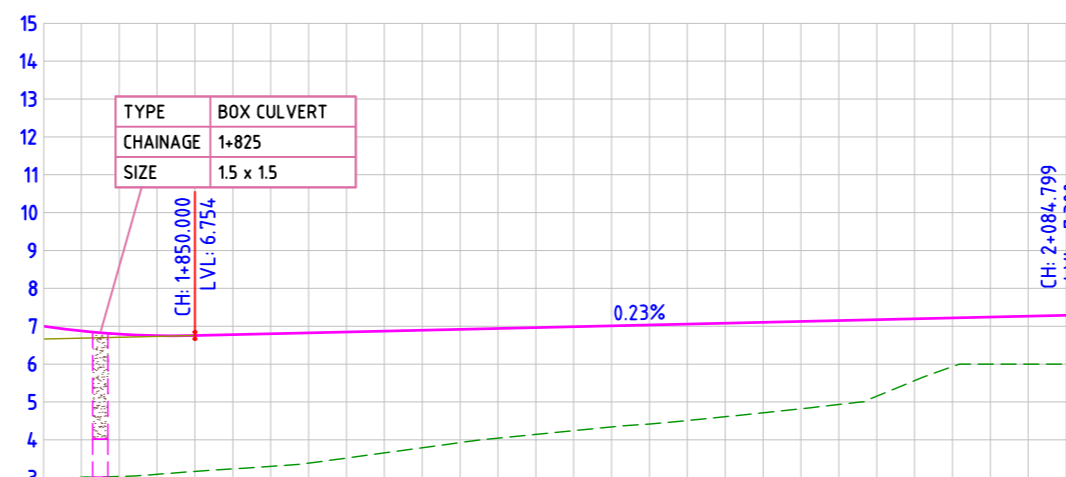


**ROAD: 30-3B
PLAN**



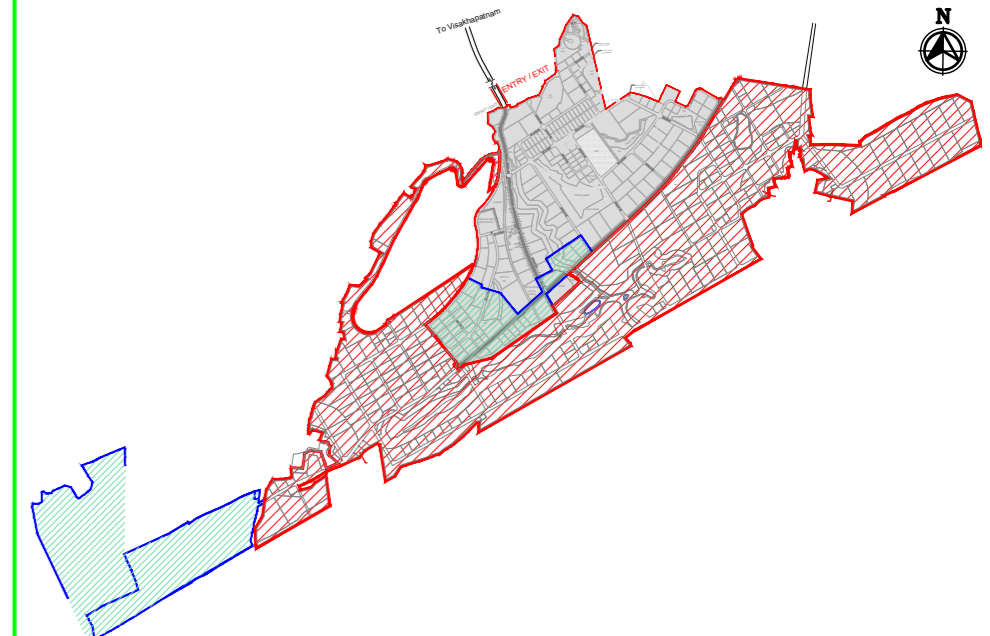
DATUM= 2.000	
FINISHED ROAD LEVELS	11.438, 11.038, 10.638, 10.238, 9.838, 9.438, 9.038, 8.638, 8.259, 7.923, 7.629, 7.377, 7.167, 7.000
EXISTING GROUND LEVEL	14.219, 11.110, 7.584, 5.107, 3.816, 3.403, 3.075, 2.991, 2.973, 2.954, 2.956, 2.939, 2.946, 2.977
LEVEL DIFFERENCE	-2.781, -0.072, 3.054, 5.131, 6.022, 6.035, 5.963, 5.647, 5.287, 4.969, 4.673, 4.437, 4.221, 4.023
HORIZONTAL ALIGNMENT	L=130.000
VERTICAL SCHEMATIC	G=-4.000%, L=80.974; K=23.628, L=100.000
TCS TYPE	TYPE - 4C
DESIGN CHAINAGE	1+680.00, 1+690.00, 1+700.00, 1+720.00, 1+730.00, 1+740.00, 1+750.00, 1+760.00, 1+770.00, 1+780.00, 1+790.00, 1+800.00, 1+810.00

**ROAD: 30-3A
LONGITUDINAL PROFILE**

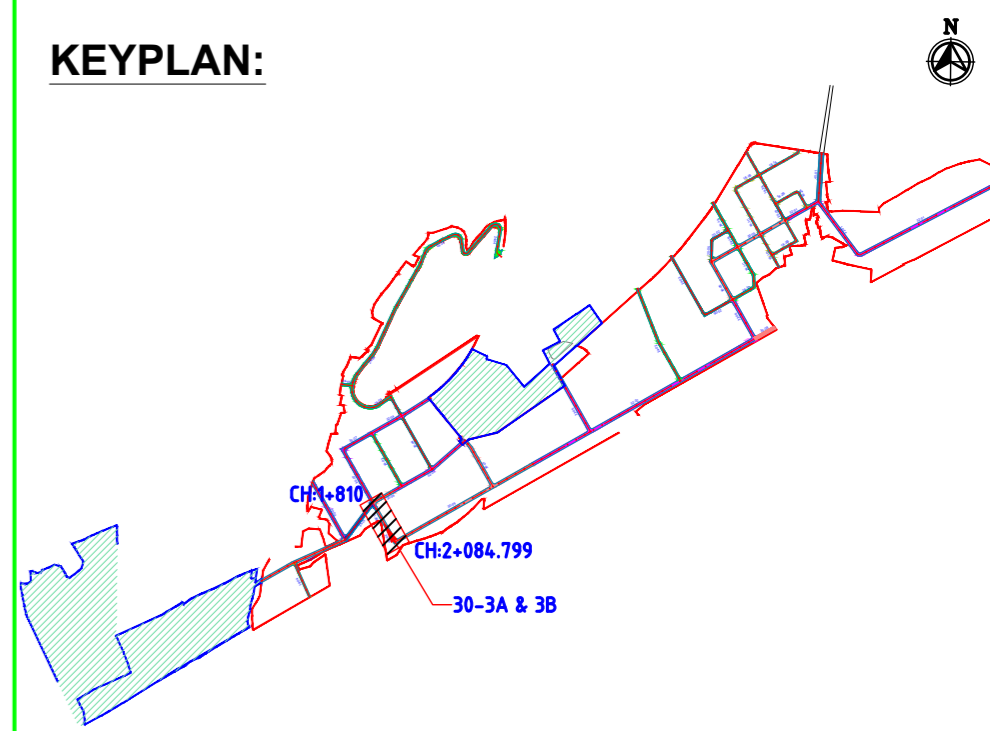


DATUM= 2.000	
FINISHED ROAD LEVELS	7.000, 6.875, 6.793, 6.752, 6.754, 6.778, 6.801, 6.801, 6.824, 6.847, 6.870, 6.894, 6.917, 6.940, 6.963, 6.987, 7.010, 7.033, 7.056, 7.079, 7.103, 7.126, 7.149, 7.172, 7.196, 7.219, 7.242, 7.265, 7.288, 7.300
EXISTING GROUND LEVEL	2.977, 3.012, 3.033, 3.090, 3.168, 3.233, 3.300, 3.383, 3.441, 3.519, 3.625, 3.791, 3.927, 4.046, 4.145, 4.244, 4.343, 4.417, 4.509, 4.611, 4.715, 4.822, 4.933, 5.050, 5.172, 5.296, 5.426, 5.563, 5.700, 5.838, 5.977
LEVEL DIFFERENCE	4.023, 3.863, 3.760, 3.662, 3.587, 3.545, 3.501, 3.441, 3.328, 3.275, 3.102, 2.990, 2.894, 2.819, 2.743, 2.667, 2.616, 2.547, 2.468, 2.388, 2.304, 2.216, 2.023, 1.632, 1.283, 0.965, 0.600, 0.288, 0.000, 1.300
HORIZONTAL ALIGNMENT	L=274.798
VERTICAL SCHEMATIC	K=23.628, L=100.000; G=0.232%, L=234.799
TCS TYPE	TYPE - 4D
DESIGN CHAINAGE	1+810.00, 1+820.00, 1+830.00, 1+840.00, 1+850.00, 1+860.00, 1+870.00, 1+880.00, 1+890.00, 1+900.00, 1+920.00, 1+930.00, 1+940.00, 1+950.00, 1+960.00, 1+970.00, 1+980.00, 1+990.00, 2+000.00, 2+010.00, 2+020.00, 2+030.00, 2+040.00, 2+050.00, 2+060.00, 2+070.00, 2+080.00, 2+084.799

**ROAD: 30-3B
LONGITUDINAL PROFILE**



MASTER PLAN



KEYPLAN:

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

- 45m ROW
- 20m ROW
- 35m ROW
- 18m ROW
- 32m ROW
- BOUNDARY
- 30m ROW
- FUTURE EXPANSION
- 24m ROW

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

FOR TENDER PURPOSE ONLY

- NOTES:**
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 - REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
A	240124	2	TEMPLATE REVISED	BVN	DVM	ABSR	BRT
0	231127	2	FOR APPROVAL	BVN	DVM	ABSR	Sd/- BRT Sd/-

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: ROAD: 30-3A & 3B
PLAN & PROFILE FROM CH: 1+680 TO CH 2+084.799

PROJECT NO: C1232704

COP: SCALE: HOR - 1:2000
VER - 1:200

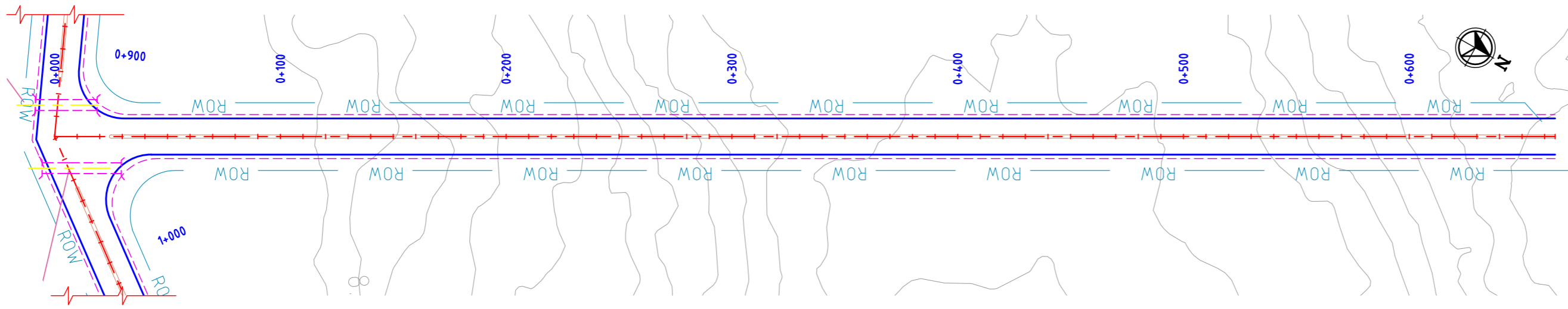
DRAWING NO: DDP028

REV: A

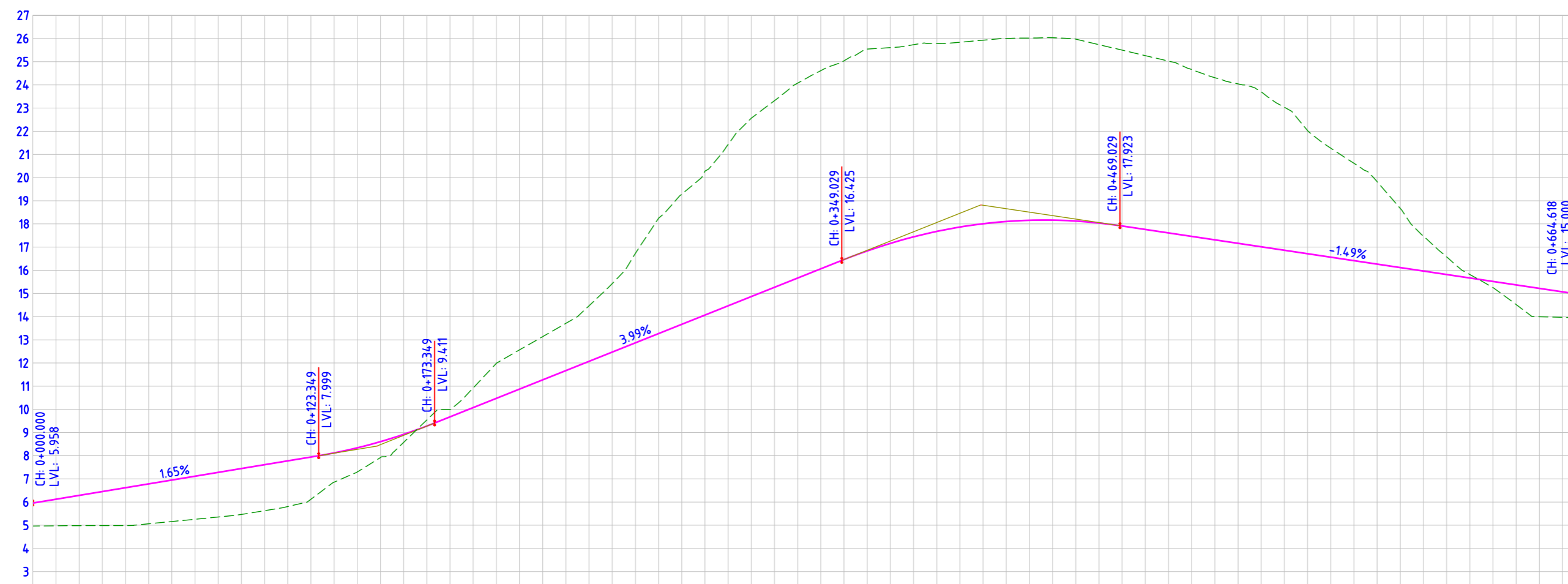
LOGO: L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)

AUTO PATH: X:\ROADS\2023\1232704 - DETAIL DESIGN FOR APBDD\WORKING\DRAWINGS\44-ROADS\RA\PLAN & PROFILES\DDP028-RA-PLAN AND PROFILE - 35-0133-01 TO 32-46 & 30-01 TO 30-09.DWG

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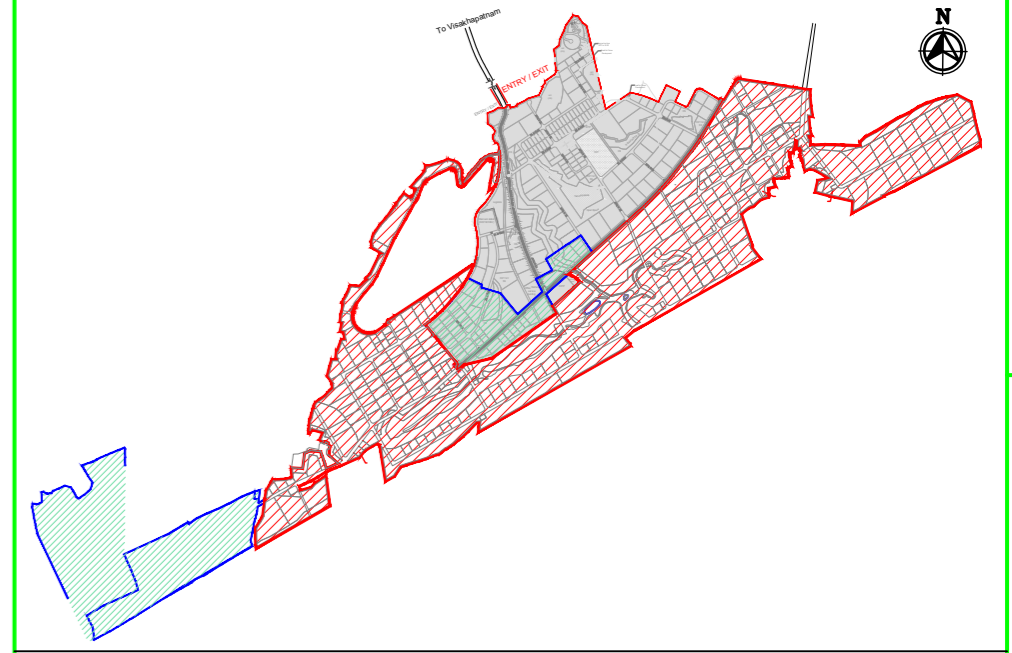


**ROAD: 30-04
PLAN**

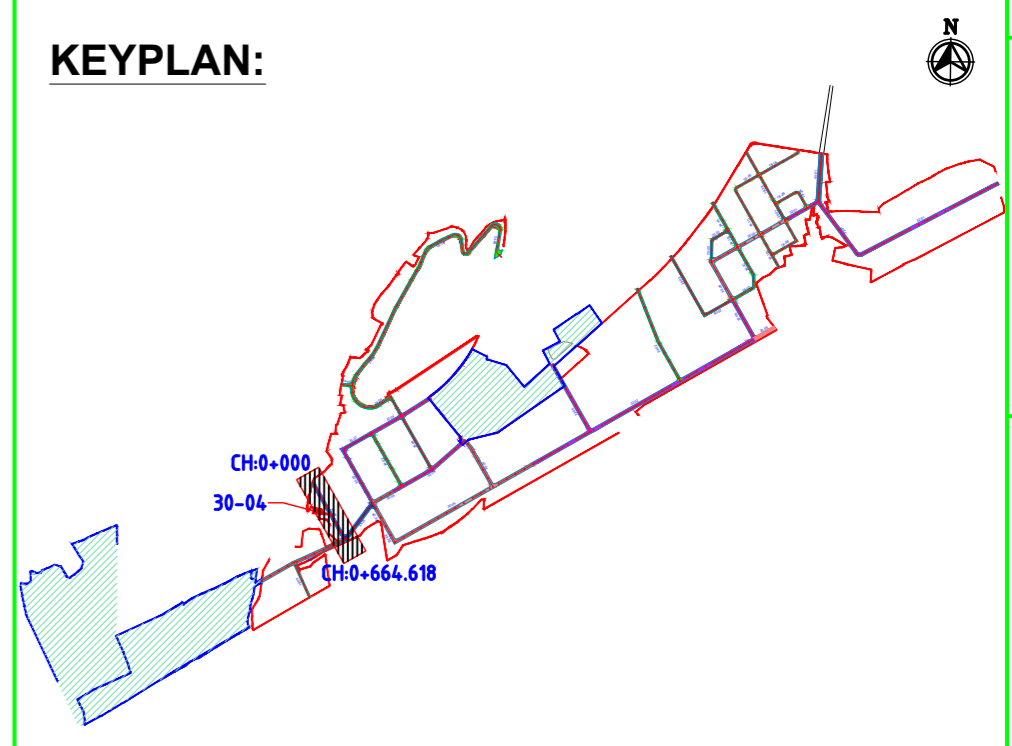


**ROAD: 30-04
LONGITUDINAL PROFILE**

FINISHED ROAD LEVELS	EXISTING GROUND LEVEL	LEVEL DIFFERENCE	HORIZONTAL ALIGNMENT	VERTICAL SCHEMATIC	TCS TYPE	DESIGN CHAINAGE
5.958 6.123	4.966 4.975	0.992 1.148	L=664.618	<p>G=1.655% L=123.349</p> <p>K=21.389 L=50.000</p> <p>G=3.992% L=175.680</p> <p>K=21.869 L=120.000</p> <p>G=-1.495% L=195.589</p>	TYPE - 4E	0+000.00
6.289	5.306	0.983				0+010.00
6.434	5.495	0.939				0+020.00
6.620	5.662	0.958				0+030.00
6.785	5.827	0.958				0+040.00
6.951	6.000	0.951				0+050.00
7.116	6.177	0.939				0+060.00
7.282	6.359	0.923				0+070.00
7.447	6.546	0.901				0+080.00
7.613	6.737	0.876				0+090.00
7.778	6.932	0.846				0+100.00
7.944	7.131	0.813				0+110.00
8.120	7.334	0.786				0+120.00
8.340	7.540	0.800				0+130.00
8.606	7.750	0.856				0+140.00
8.920	7.965	0.955				0+150.00
9.280	8.185	1.095				0+160.00
9.677	8.410	1.267				0+170.00
10.076	8.640	1.436				0+180.00
10.475	8.875	1.600				0+190.00
10.874	9.115	1.759				0+200.00
11.273	9.360	1.913				0+210.00
11.673	9.610	2.063				0+220.00
12.072	9.865	2.207				0+230.00
12.471	10.125	2.350				0+240.00
12.870	10.390	2.480	0+250.00			
13.270	10.660	2.610	0+260.00			
13.669	10.935	2.734	0+270.00			
14.068	11.215	2.853	0+280.00			
14.467	11.500	2.967	0+290.00			
14.867	11.790	3.077	0+300.00			
15.266	12.085	3.181	0+310.00			
15.665	12.385	3.280	0+320.00			
16.064	12.690	3.374	0+330.00			
16.463	13.000	3.463	0+340.00			
16.835	13.315	3.528	0+350.00			
17.162	13.635	3.527	0+360.00			
17.442	13.960	3.478	0+370.00			
17.677	14.290	3.393	0+380.00			
17.866	14.625	3.271	0+390.00			
18.009	14.965	3.114	0+400.00			
18.107	15.310	2.923	0+410.00			
18.159	15.660	2.701	0+420.00			
18.165	16.015	2.450	0+430.00			
18.125	16.375	2.172	0+440.00			
18.040	16.740	1.870	0+450.00			
17.909	17.110	1.541	0+460.00			
17.760	17.485	1.185	0+470.00			
17.610	17.865	0.800	0+480.00			
17.461	18.250	0.385	0+490.00			
17.311	18.640	-0.329	0+500.00			
17.162	19.035	-0.874	0+510.00			
17.012	19.435	-1.423	0+520.00			
16.863	19.840	-2.077	0+530.00			
16.713	20.250	-2.837	0+540.00			
16.564	20.665	-3.701	0+550.00			
16.414	21.085	-4.671	0+560.00			
16.265	21.510	-5.745	0+570.00			
16.115	21.940	-6.925	0+580.00			
15.966	22.375	-8.210	0+590.00			
15.816	22.815	-9.600	0+600.00			
15.667	23.260	-11.093	0+610.00			
15.517	23.710	-12.693	0+620.00			
15.368	24.165	-14.399	0+630.00			
15.218	24.625	-16.210	0+640.00			
15.069	25.090	-18.121	0+650.00			
14.920	25.560	-20.140	0+660.00			
14.771	26.035	-22.264	0+664.618			



MASTER PLAN



KEYPLAN:

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

- 45m ROW
- 20m ROW
- 35m ROW
- 18m ROW
- 32m ROW
- BOUNDARY
- 30m ROW
- FUTURE EXPANSION
- 24m ROW

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

FOR TENDER PURPOSE ONLY

NOTES:

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- REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
- STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

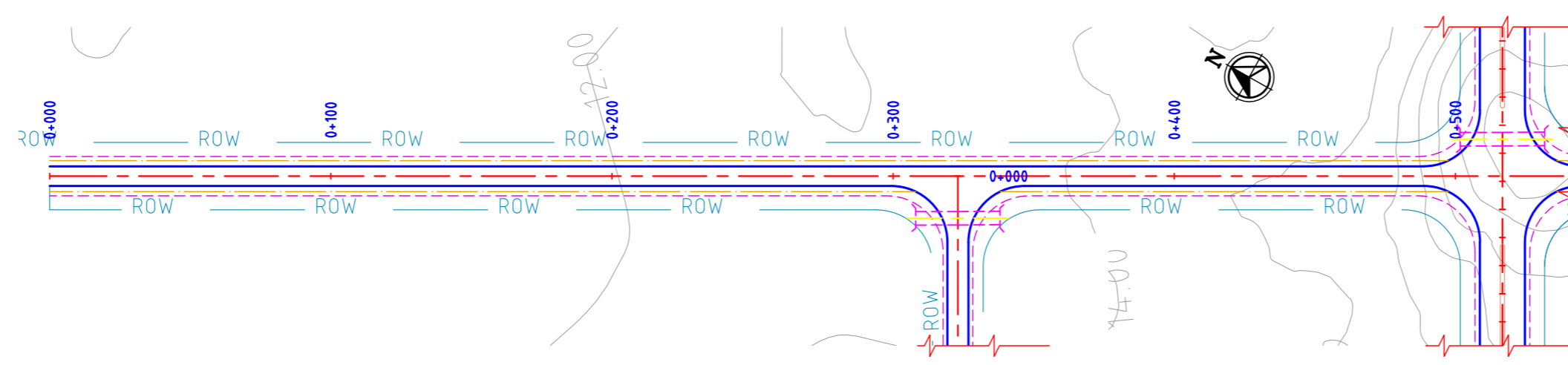
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DRAWING NO.		TITLE		STATUS CODES		REVISIONS				
A		240124		2		TEMPLATE REVISED				
0		231127		2		FOR APPROVAL				
REV.	DATE	STATUS	DESCRIPTION		DES.	DRN.	INIT.	SIGN.	INIT.	SIGN.

CLIENT:	ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)		
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH		
TITLE:	ROAD: 30-04		
		PROJECT NO:	C1232704
		COP:	
		SCALE:	HOR - 1:2000 VER - 1:200
		DRAWING NO:	DDP029
		REV:	A

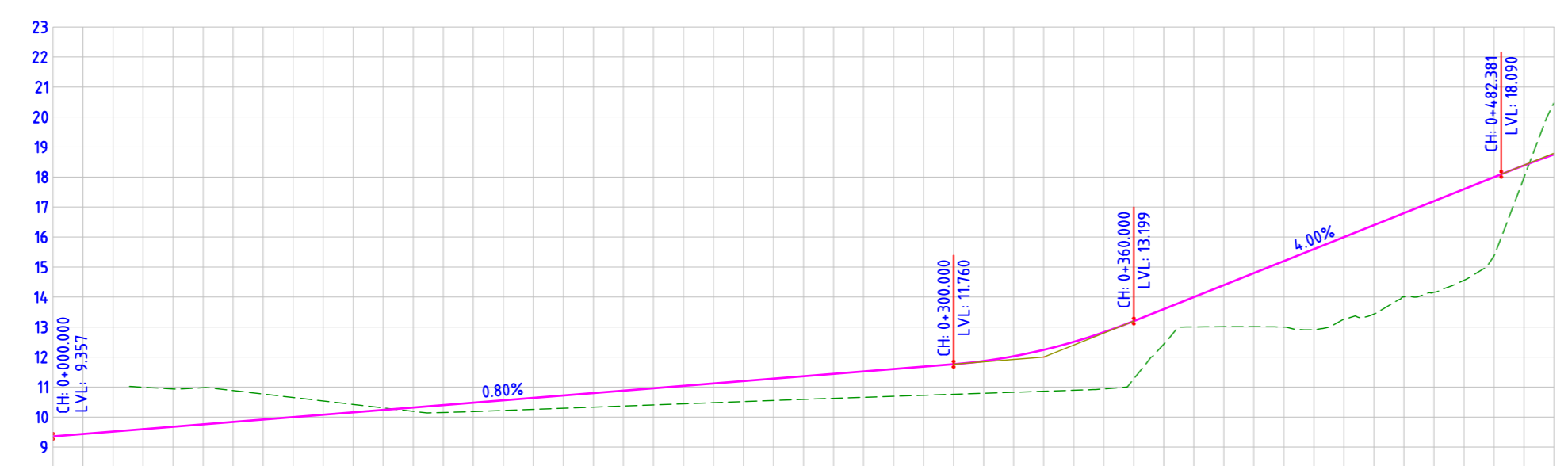
This drawing is the property of L&T Infrastructure Engineering Ltd. and must not be passed on to any other person without the written permission of L&T Infrastructure Engineering Ltd. The user of this drawing is liable for any errors or omissions and shall be responsible for the consequences thereof.

L&T Infrastructure Engineering Ltd.
IN CONSORTIUM WITH:
ARTELIA Consulting Engineers Ltd.
(Formerly Mahindra Consulting Engineers Ltd.)

AUTO PATH: X:\ROADS\2023\1232704 - DETAIL DESIGN FOR APBDDP WORKING DRAWINGS\04-ROADS\BRAN PLAN & PROFILE\DDP029-R01-PLAN AND PROFILE - 30-01 TO 30-09.DWG
 DATE: 30/12/2023
 TIME: 10:32:46
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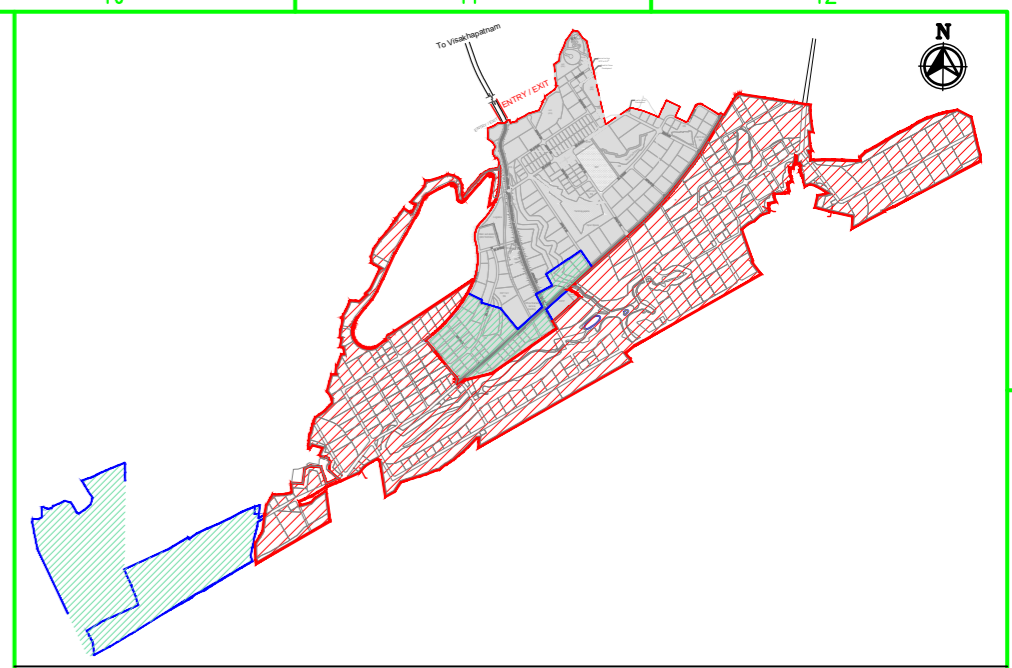


ROAD: 24-1A&1B
PLAN

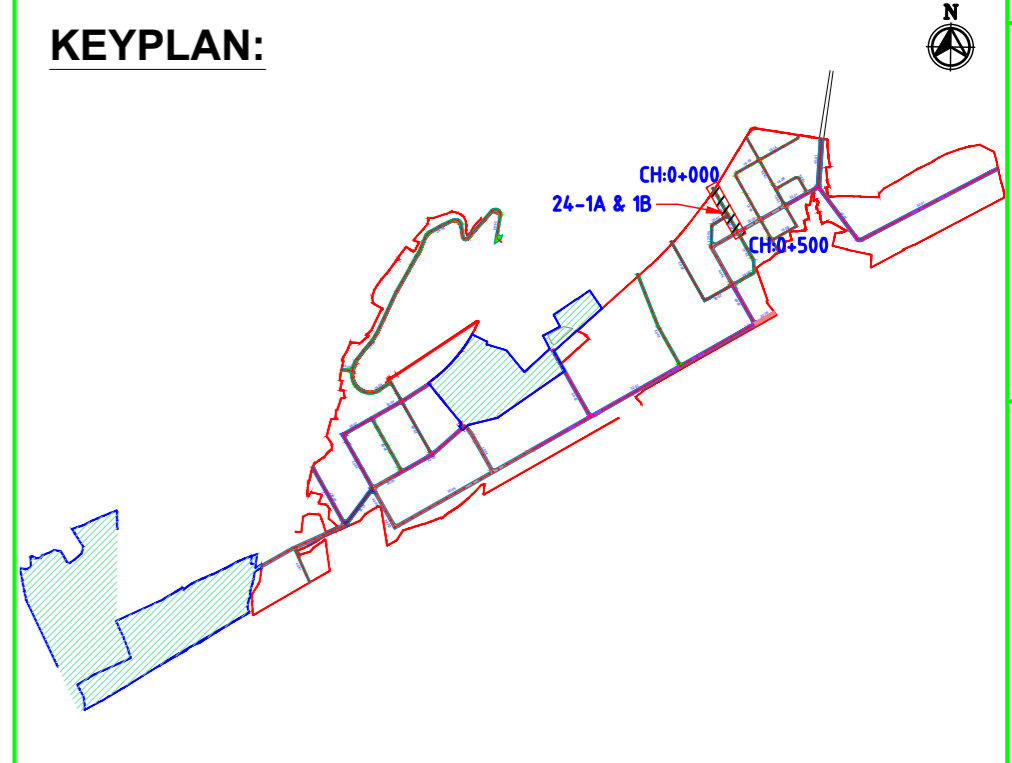


STATION	FINISHED ROAD LEVELS	EXISTING GROUND LEVEL	LEVEL DIFFERENCE	HORIZONTAL ALIGNMENT	VERTICAL SCHEMATIC	TCS TYPE	DESIGN CHAINAGE
0+000.00	9.357						0+000.00
0+010.00	9.437						0+010.00
0+020.00	9.517						0+020.00
0+030.00	9.597	10.995	-1.397				0+030.00
0+040.00	9.677	10.936	-1.259				0+040.00
0+050.00	9.757	10.977	-1.220				0+050.00
0+060.00	9.838	10.883	-1.045				0+060.00
0+070.00	9.918	10.768	-0.850				0+070.00
0+080.00	9.998	10.652	-0.654				0+080.00
0+090.00	10.078	10.537	-0.459				0+090.00
0+100.00	10.158	10.421	-0.264				0+100.00
0+110.00	10.238	10.306	-0.068				0+110.00
0+120.00	10.318	10.191	0.127				0+120.00
0+130.00	10.398	10.152	0.246				0+130.00
0+140.00	10.478	10.182	0.297				0+140.00
0+150.00	10.558	10.219	0.340				0+150.00
0+160.00	10.638	10.256	0.383				0+160.00
0+170.00	10.719	10.293	0.426				0+170.00
0+180.00	10.799	10.330	0.468				0+180.00
0+190.00	10.879	10.367	0.511				0+190.00
0+200.00	10.959	10.404	0.554				0+200.00
0+210.00	11.039	10.442	0.597				0+210.00
0+220.00	11.119	10.479	0.640				0+220.00
0+230.00	11.199	10.516	0.683				0+230.00
0+240.00	11.279	10.553	0.726				0+240.00
0+250.00	11.359	10.590	0.769				0+250.00
0+260.00	11.439	10.625	0.815				0+260.00
0+270.00	11.519	10.658	0.861				0+270.00
0+280.00	11.600	10.692	0.908				0+280.00
0+290.00	11.680	10.725	0.954				0+290.00
0+300.00	11.760	10.759	1.001				0+300.00
0+310.00	11.840	10.792	1.047				0+310.00
0+320.00	11.920	10.826	1.094				0+320.00
0+330.00	12.000	10.860	1.140				0+330.00
0+340.00	12.080	10.893	1.187				0+340.00
0+350.00	12.160	10.926	1.234				0+350.00
0+360.00	12.240	10.959	1.281				0+360.00
0+370.00	12.320	10.992	1.328				0+370.00
0+380.00	12.400	11.025	1.375				0+380.00
0+390.00	12.480	11.058	1.422				0+390.00
0+400.00	12.560	11.091	1.469				0+400.00
0+410.00	12.640	11.124	1.516				0+410.00
0+420.00	12.720	11.157	1.563				0+420.00
0+430.00	12.800	11.190	1.610				0+430.00
0+440.00	12.880	11.223	1.657				0+440.00
0+450.00	12.960	11.256	1.704				0+450.00
0+460.00	13.040	11.289	1.751				0+460.00
0+470.00	13.120	11.322	1.798				0+470.00
0+480.00	13.200	11.355	1.845				0+480.00
0+490.00	13.280	11.388	1.892				0+490.00
0+500.00	13.360	11.421	1.939				0+500.00

ROAD: 24-1A&1B
LONGITUDINAL PROFILE



MASTER PLAN



NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

	45m ROW		20m ROW
	35m ROW		18m ROW
	32m ROW		BOUNDARY
	30m ROW		FUTURE EXPANSION
	24m ROW		

PLAN LEGEND:

	CENTERLINE
	MEDIAN
	CARRIAGEWAY
	PAVED SHOULDER
	EARTHEN SHOULDER
	ROW

FOR TENDER PURPOSE ONLY

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 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

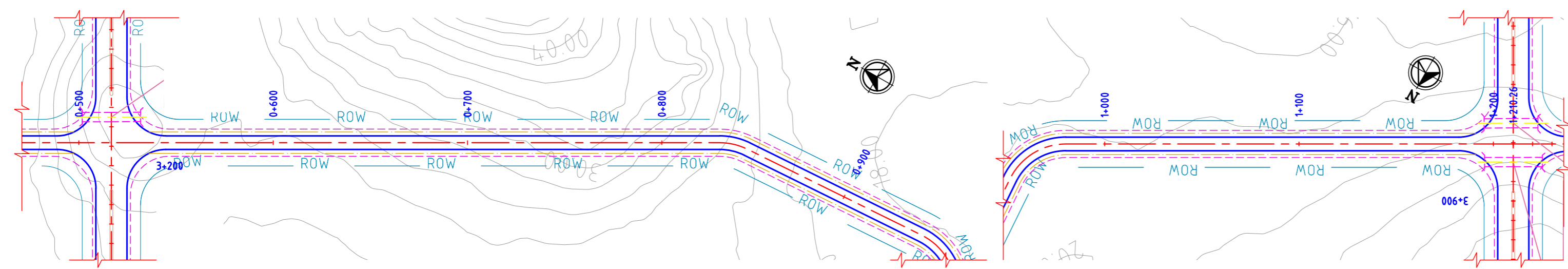
DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN.	INIT. APPROVED	SIGN.
		A	240124	2	TEMPLATE REVISED	BVN	DVM	ABS	BRT		
		0	231124	2	FOR APPROVAL	BVN	DVM	ABS	Sd/-	BRT	Sd/-

REVISIONS

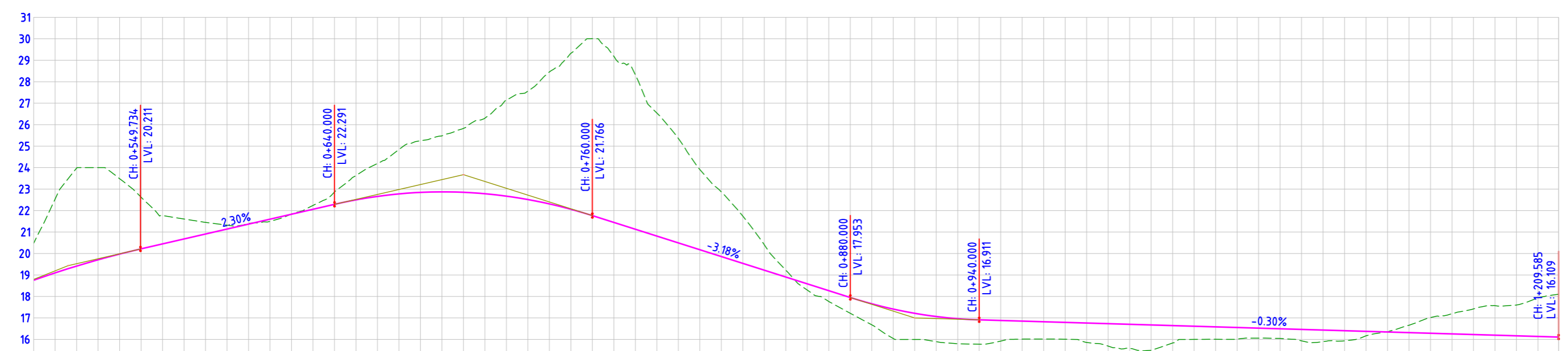
STATUS CODES: 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT:	ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)	PROJECT NO:	C1232704
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH	COP:	
TITLE:	ROAD: 24-1A & 1B PROFILE FROM CH: 0+000 TO CH 0+330 & 0+330 TO 500	SCALE:	HOR - 1:2000 VER - 1:200
		DRAWING NO:	DDP030
		REV:	A

AUTO PATH: U:\ROADS\2023\ACT\232704 - DETAIL DESIGN FOR APIC\DRAWINGS\44-ROADS\BA\PLAN & PROFILES\DDP030-DDP044-RA-PLAN AND PROFILE-24-01 TO 24-05.DWG

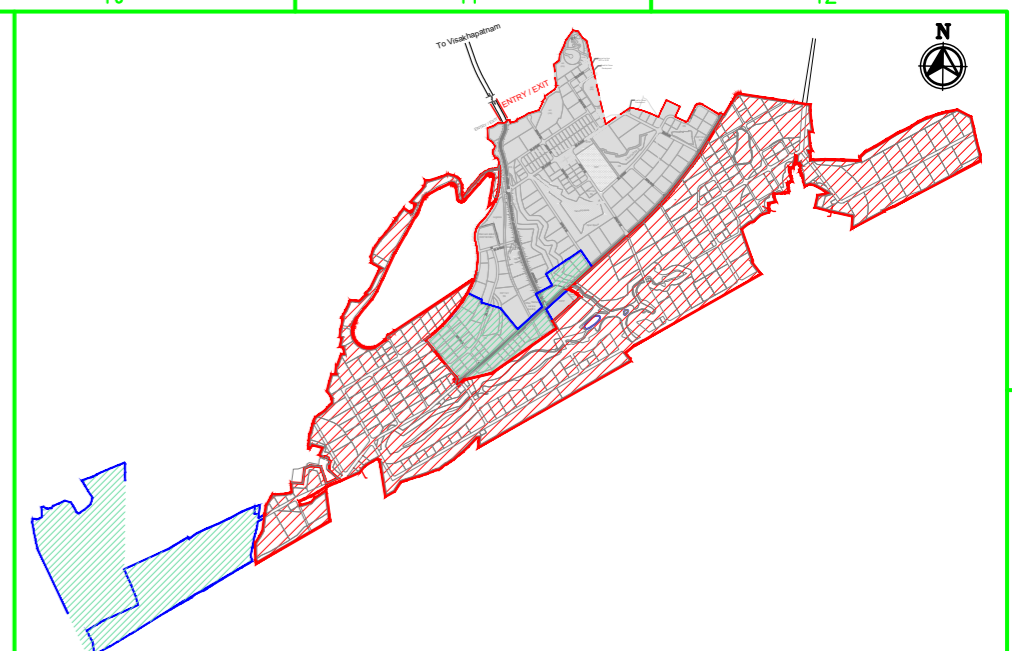


**ROAD: 24-1C & 1D
PLAN**

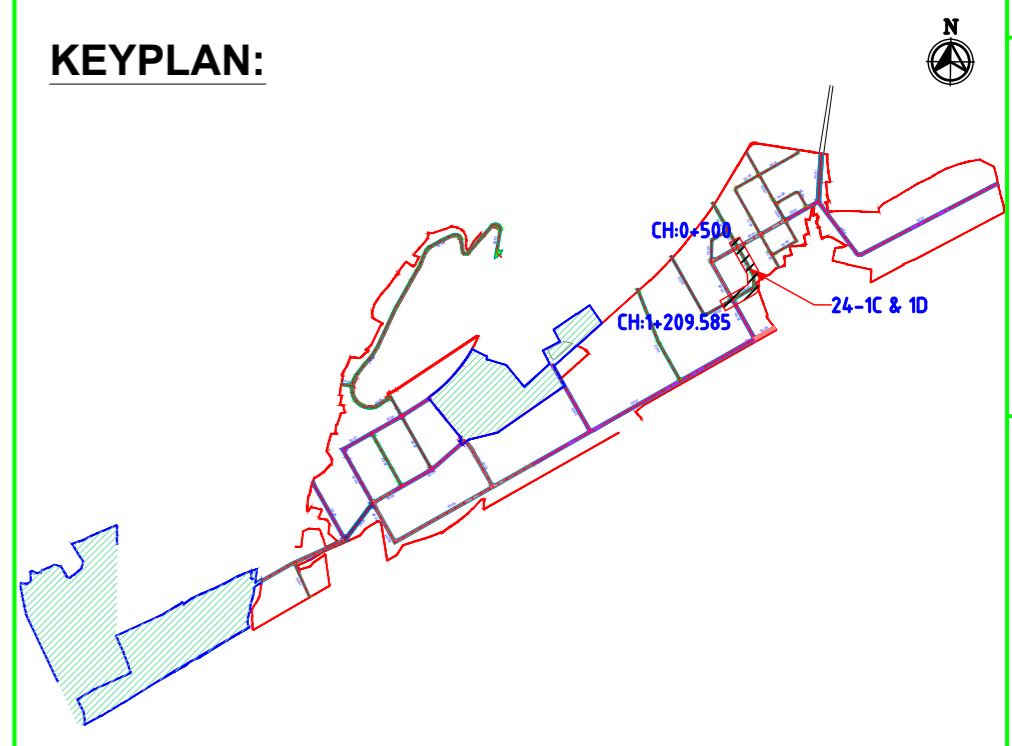


STATION	FINISHED ROAD LEVELS	EXISTING GROUND LEVEL	LEVEL DIFFERENCE	HORIZONTAL ALIGNMENT	VERTICAL SCHEMATIC	TCS TYPE	DESIGN CHAINAGE
0+500.00	18.755	20.475	-1.720			TYPE-5C/1	0+500.00
0+510.00	19.098	20.437	-1.339				0+510.00
0+520.00	19.415	22.535	-3.120				0+520.00
0+530.00	19.708	23.979	-4.271				0+530.00
0+540.00	19.975	24.000	-4.025				0+540.00
0+550.00	20.217	23.484	-3.267				0+550.00
0+560.00	20.448	22.624	-2.176				0+560.00
0+570.00	20.678	21.608	-0.930				0+570.00
0+580.00	20.908	21.451	-0.543				0+580.00
0+590.00	21.139	21.318	-0.179				0+590.00
0+600.00	21.369	21.402	-0.033				0+600.00
0+610.00	21.600	21.498	0.102				0+610.00
0+620.00	21.830	21.840	-0.010				0+620.00
0+630.00	22.060	22.237	-0.176				0+630.00
0+640.00	22.291	22.866	-0.575				0+640.00
0+650.00	22.498	23.629	-1.131				0+650.00
0+660.00	22.660	24.192	-1.532				0+660.00
0+670.00	22.776	24.841	-2.065				0+670.00
0+680.00	22.847	25.250	-2.403				0+680.00
0+690.00	22.871	25.478	-2.607				0+690.00
0+700.00	22.850	25.828	-2.978				0+700.00
0+710.00	22.784	26.301	-3.517				0+710.00
0+720.00	22.672	27.172	-4.501				0+720.00
0+730.00	22.514	27.562	-5.048				0+730.00
0+740.00	22.310	28.454	-6.144				0+740.00
0+750.00	22.061	29.322	-7.261				0+750.00
0+760.00	21.766	30.003	-8.237				0+760.00
0+770.00	21.448	29.184	-7.736				0+770.00
0+780.00	21.131	28.320	-7.189				0+780.00
0+790.00	20.813	26.542	-5.729				0+790.00
0+800.00	20.495	25.358	-4.863				0+800.00
0+810.00	20.177	23.911	-3.734				0+810.00
0+820.00	19.860	22.869	-3.009				0+820.00
0+830.00	19.542	21.742	-2.200				0+830.00
0+840.00	19.224	20.408	-1.184				0+840.00
0+850.00	18.906	19.227	-0.320				0+850.00
0+860.00	18.589	18.297	0.292				0+860.00
0+870.00	18.271	17.664	0.507				0+870.00
0+880.00	17.953	17.219	0.734				0+880.00
0+890.00	17.635	16.679	0.956				0+890.00
0+900.00	17.317	16.043	1.274				0+900.00
0+910.00	17.000	16.000	1.000				0+910.00
0+920.00	16.682	15.895	0.787				0+920.00
0+930.00	16.365	15.778	0.587				0+930.00
0+940.00	16.047	15.651	0.396				0+940.00
0+950.00	15.729	15.524	0.205				0+950.00
0+960.00	15.411	15.397	0.014				0+960.00
0+970.00	15.093	15.270	-0.177				0+970.00
0+980.00	14.775	15.143	-0.368				0+980.00
0+990.00	14.457	15.016	-0.559				0+990.00
1+000.00	14.139	14.889	-0.750				1+000.00
1+010.00	13.821	14.762	-0.941				1+010.00
1+020.00	13.503	14.635	-1.132				1+020.00
1+030.00	13.185	14.508	-1.323				1+030.00
1+040.00	12.867	14.381	-1.514				1+040.00
1+050.00	12.549	14.254	-1.705				1+050.00
1+060.00	12.231	14.127	-1.896				1+060.00
1+070.00	11.913	14.000	-2.087				1+070.00
1+080.00	11.595	13.873	-2.278				1+080.00
1+090.00	11.277	13.746	-2.469				1+090.00
1+100.00	10.959	13.619	-2.660				1+100.00
1+110.00	10.641	13.492	-2.851				1+110.00
1+120.00	10.323	13.365	-3.042				1+120.00
1+130.00	10.005	13.238	-3.233				1+130.00
1+140.00	9.687	13.111	-3.424				1+140.00
1+150.00	9.369	12.984	-3.615				1+150.00
1+160.00	9.051	12.857	-3.806				1+160.00
1+170.00	8.733	12.730	-3.997				1+170.00
1+180.00	8.415	12.603	-4.188				1+180.00
1+190.00	8.097	12.476	-4.379				1+190.00
1+200.00	7.779	12.349	-4.570				1+200.00
1+209.585	7.461	12.222	-4.761				1+209.585

**ROAD: 24-1C & 1D
LONGITUDINAL PROFILE**



MASTER PLAN



KEYPLAN:

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

- 45m ROW
- 35m ROW
- 32m ROW
- 30m ROW
- 24m ROW
- 20m ROW
- 18m ROW
- BOUNDARY
- FUTURE EXPANSION

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

FOR TENDER PURPOSE ONLY

- NOTES:**
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 - REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
A	240124	2	TEMPLATE REVISED	BVN	DVM	ABSRS	BRT
0	231124	2	FOR APPROVAL	BVN	DVM	Sd/-	Sd/-

REVISIONS

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: ROAD: 24-1C & 1D
PROFILE FROM CH: 0+500 TO CH 1+209.585

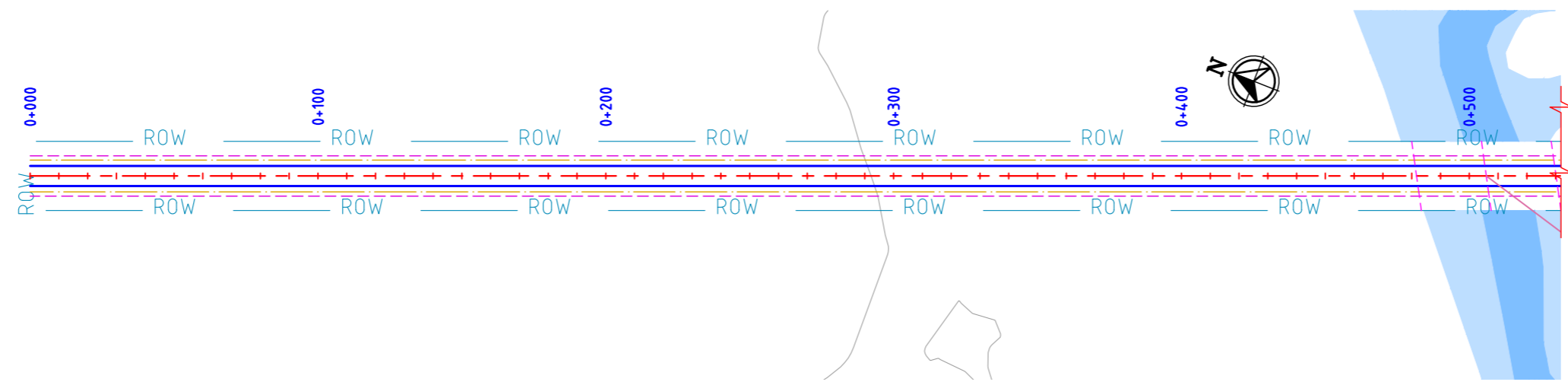
PROJECT NO: C1232704

COP: SCALE: HOR - 1:2000
VER - 1:200

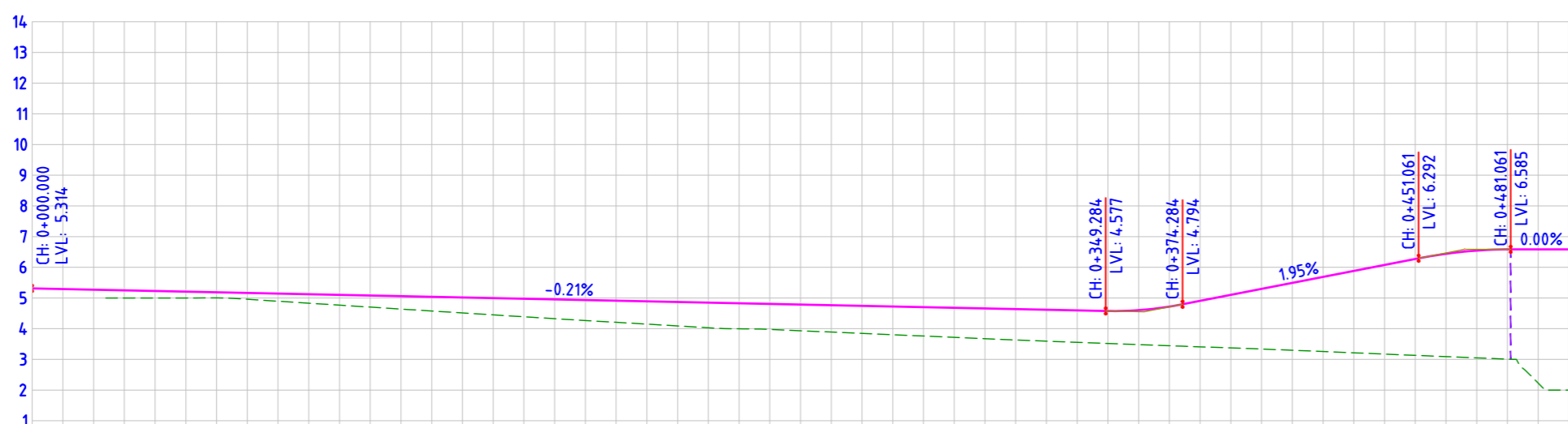
DRAWING NO: DDP031 **REV:** A

L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH **ARTELIA Consulting Engineers Ltd.** (Formerly Mahindra Consulting Engineers Ltd.)

AUTO PATH: U:\ROADS\2023\ACT232704 - DETAIL DESIGN FOR APIC\WORKING\DRAWINGS\44-ROADS\RA-PLAN & PROFILES\DDP030-DDP044-RA-PLAN AND PROFILE-24-1C TO 24-05.DWG

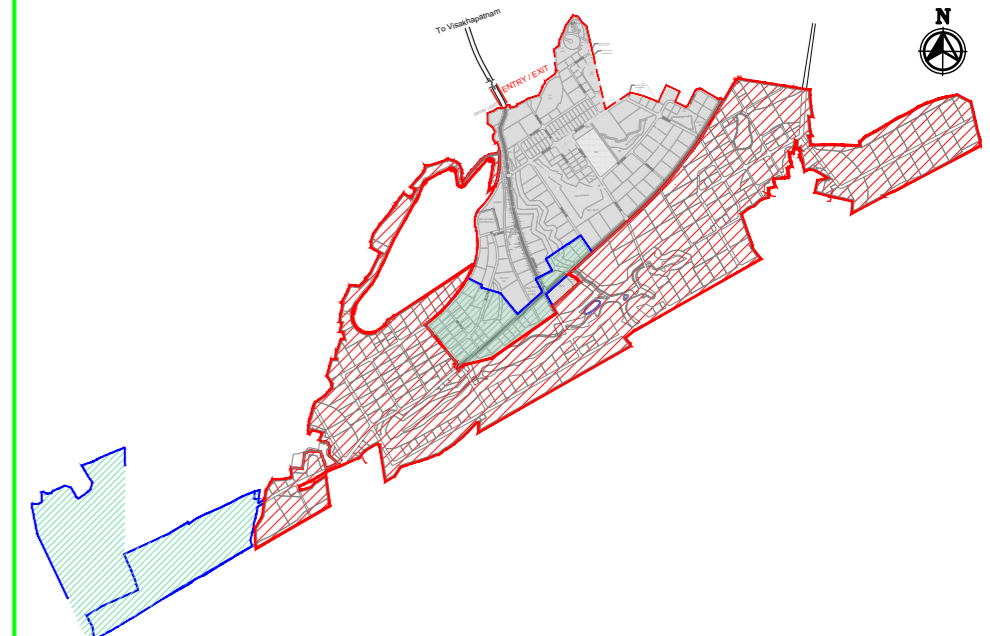


ROAD: 24-02
PLAN



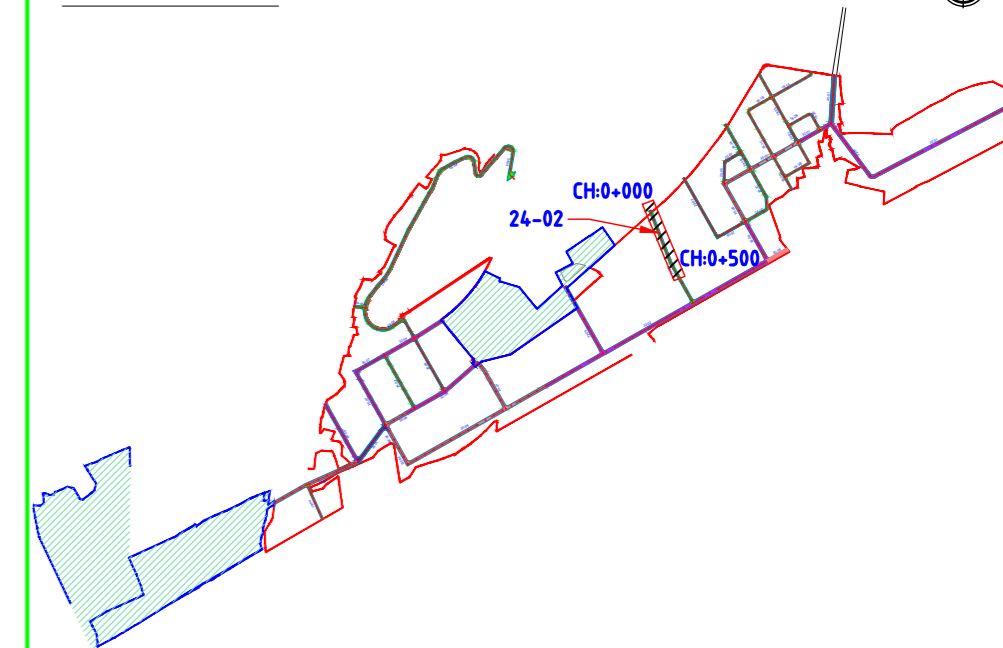
FINISHED ROAD LEVELS		EXISTING GROUND LEVEL		LEVEL DIFFERENCE		HORIZONTAL ALIGNMENT		VERTICAL SCHEMATIC		TCS TYPE		DESIGN CHAINAGE	
0+000.00	5.314											0+000.00	0+010.00
0+010.00	5.293											0+010.00	0+020.00
0+020.00	5.272	5.000		0.251						TYPE-5E		0+020.00	0+030.00
0+030.00	5.251	5.000		0.251						TYPE-5E/1		0+030.00	0+040.00
0+040.00	5.230	5.000		0.230								0+040.00	0+050.00
0+050.00	5.208	5.000		0.208								0+050.00	0+060.00
0+060.00	5.187	5.000		0.185								0+060.00	0+070.00
0+070.00	5.166	4.958		0.208								0+070.00	0+080.00
0+080.00	5.145	4.895		0.251								0+080.00	0+090.00
0+090.00	5.124	4.831		0.293								0+090.00	0+100.00
0+100.00	5.103	4.767		0.336								0+100.00	0+110.00
0+110.00	5.082	4.703		0.378								0+110.00	0+120.00
0+120.00	5.061	4.640		0.421								0+120.00	0+130.00
0+130.00	5.040	4.576		0.463								0+130.00	0+140.00
0+140.00	5.019	4.513		0.506								0+140.00	0+150.00
0+150.00	4.997	4.450		0.548								0+150.00	0+160.00
0+160.00	4.976	4.387		0.589								0+160.00	0+170.00
0+170.00	4.955	4.326		0.629								0+170.00	0+180.00
0+180.00	4.934	4.267		0.668								0+180.00	0+190.00
0+190.00	4.913	4.208		0.705								0+190.00	0+200.00
0+200.00	4.892	4.149		0.743								0+200.00	0+210.00
0+210.00	4.871	4.090		0.781								0+210.00	0+220.00
0+220.00	4.850	4.030		0.820								0+220.00	0+230.00
0+230.00	4.829	3.976		0.833								0+230.00	0+240.00
0+240.00	4.808	3.916		0.832								0+240.00	0+250.00
0+250.00	4.786	3.853		0.854								0+250.00	0+260.00
0+260.00	4.765	3.800		0.876								0+260.00	0+270.00
0+270.00	4.744	3.846		0.898								0+270.00	0+280.00
0+280.00	4.723	3.803		0.920								0+280.00	0+290.00
0+290.00	4.702	3.760		0.942								0+290.00	0+300.00
0+300.00	4.681	3.717		0.964								0+300.00	0+310.00
0+310.00	4.660	3.674		0.986								0+310.00	0+320.00
0+320.00	4.639	3.632		1.007								0+320.00	0+330.00
0+330.00	4.618	3.593		1.024								0+330.00	0+340.00
0+340.00	4.597	3.555		1.041								0+340.00	0+350.00
0+350.00	4.576	3.518		1.057								0+350.00	0+360.00
0+360.00	4.604	3.482		1.122								0+360.00	0+370.00
0+370.00	4.719	3.445		1.274								0+370.00	0+380.00
0+380.00	4.906	3.409		1.497								0+380.00	0+390.00
0+390.00	5.101	3.373		1.728								0+390.00	0+400.00
0+400.00	5.296	3.337		1.960								0+400.00	0+410.00
0+410.00	5.491	3.297		2.194								0+410.00	0+420.00
0+420.00	5.686	3.256		2.430								0+420.00	0+430.00
0+430.00	5.881	3.214		2.667								0+430.00	0+440.00
0+440.00	6.077	3.172		2.904								0+440.00	0+450.00
0+450.00	6.272	3.130		3.141								0+450.00	0+460.00
0+460.00	6.441	3.090		3.351								0+460.00	0+470.00
0+470.00	6.545	3.049		3.496								0+470.00	0+480.00
0+480.00	6.585	3.008		3.576								0+480.00	0+490.00
0+490.00	6.585	2.926		4.359								0+490.00	0+500.00
0+500.00	6.585	2.000		4.585									

ROAD: 24-02
LONGITUDINAL PROFILE



MASTER PLAN

KEYPLAN:



NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

- 45m ROW
- 35m ROW
- 32m ROW
- 30m ROW
- 24m ROW
- 20m ROW
- 18m ROW
- BOUNDARY
- FUTURE EXPANSION

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

FOR TENDER PURPOSE ONLY

SHEET 1 OF 2

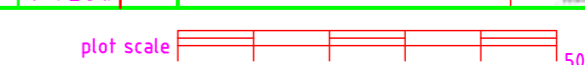
- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
 - REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
		A	240124	2	TEMPLATE REVISED	BVN	DVM	ABS	BRT
		0	231124	2	FOR APPROVAL	BVN	DVM	ABS	Sd/- BRT Sd/-

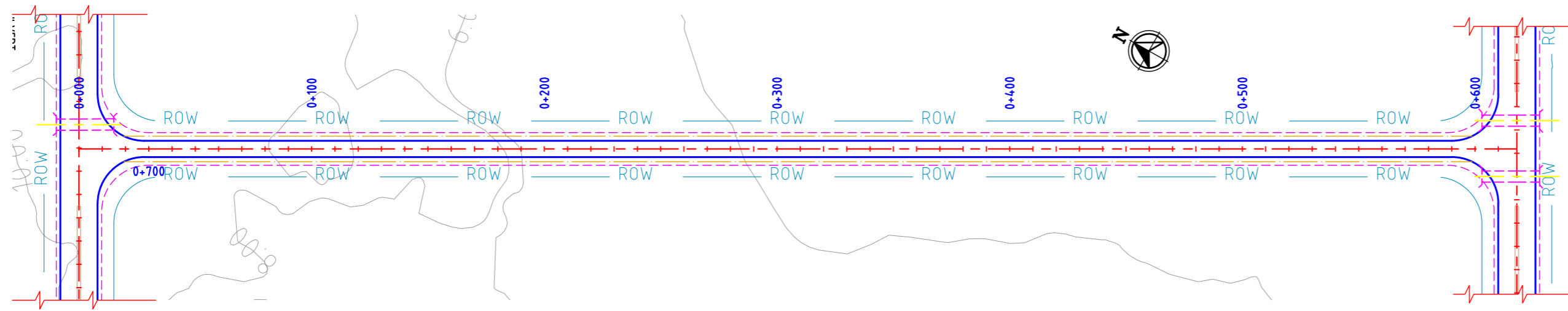
REVISIONS

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

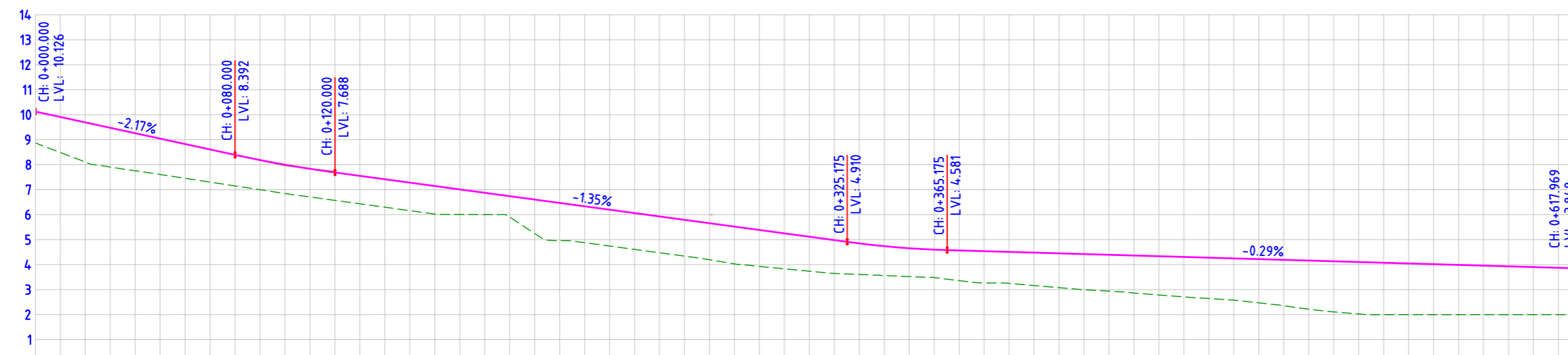
CLIENT:	ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)	PROJECT NO:	C1232704
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH	COP:	
TITLE:	ROAD: 24-02 PROFILE FROM CH: 0+000 TO CH 0+500	SCALE:	HOR - 1:2000 VER - 1:200
	L&T Infrastructure Engineering Ltd.	IN CONSORTIUM WITH:	ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)
		DRAWING NO:	DDP032
		REV:	A



AUTO PATH: U:\ROADS\2023\ACT1232704 - DETAIL DESIGN FOR APBDA WORKING DRAWINGS\44-ROADS\RA-PLAN & PROFILES\DDP030-DDP044-RA-PLAN AND PROFILE-24-01 TO 24-05.DWG

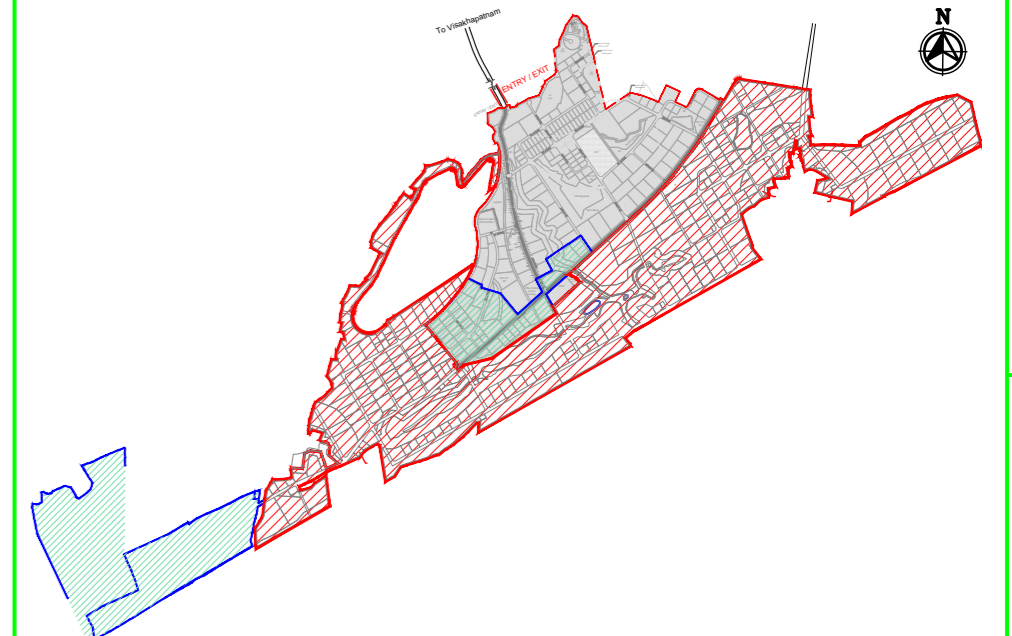


**ROAD: 24-03
PLAN**

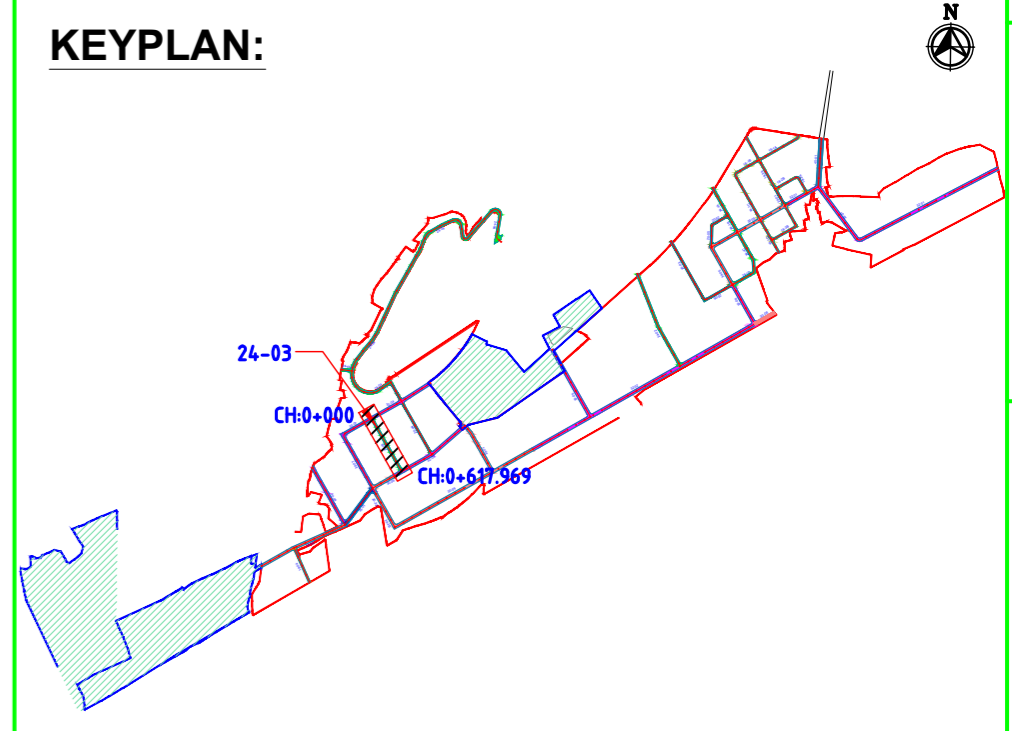


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EXISTING GROUND LEVEL	8.871 8.489 8.108 7.758 7.456 7.304 7.151 6.998 6.846 6.710 6.572 6.435 6.298 6.160 6.023 5.887 5.750 5.613 5.476 5.339 5.202 5.065 4.928 4.791 4.654 4.517 4.380 4.243 4.106 3.969 3.832 3.695 3.558 3.421 3.284 3.147 3.010 2.873 2.736 2.599 2.462 2.325 2.188 2.051 1.914 1.777 1.640 1.503 1.366 1.229 1.092 0.955 0.818 0.681 0.544 0.407 0.270 0.133 0.000
LEVEL DIFFERENCE	1.255 1.585 1.501 1.433 1.369 1.305 1.241 1.187 1.154 1.124 1.115 1.117 1.119 1.121 1.123 1.007 0.874 0.838 1.358 1.509 1.458 1.457 1.419 1.380 1.331 1.241 1.174 1.134 1.116 1.208 1.273 1.261 1.318 1.374 1.427 1.455 1.504 1.550 1.599 1.634 1.671 1.749 1.836 1.944 2.025 2.080 2.074 2.045 2.016 1.987 1.958 1.929 1.900 1.871 1.848
HORIZONTAL ALIGNMENT	L=617.969
VERTICAL SCHEMATIC	G=-2.167% L=80.000 K=49.186 L=40.000 G=-1.354% L=205.175 K=37.588 L=40.000 G=-0.290% L=252.794
TCS TYPE	TYPE-5F
DESIGN CHAINAGE	0+000.00 0+010.00 0+020.00 0+030.00 0+040.00 0+050.00 0+060.00 0+070.00 0+080.00 0+090.00 0+100.00 0+110.00 0+120.00 0+130.00 0+140.00 0+150.00 0+160.00 0+170.00 0+180.00 0+190.00 0+200.00 0+210.00 0+220.00 0+230.00 0+240.00 0+250.00 0+260.00 0+270.00 0+280.00 0+290.00 0+300.00 0+310.00 0+320.00 0+330.00 0+340.00 0+350.00 0+360.00 0+370.00 0+380.00 0+390.00 0+400.00 0+410.00 0+420.00 0+430.00 0+440.00 0+450.00 0+460.00 0+470.00 0+480.00 0+490.00 0+500.00 0+510.00 0+520.00 0+530.00 0+540.00 0+550.00 0+560.00 0+570.00 0+580.00 0+590.00 0+600.00 0+617.969

**ROAD: 24-03
LONGITUDINAL PROFILE**



MASTER PLAN



NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

- 45m ROW
- 35m ROW
- 32m ROW
- 30m ROW
- 24m ROW
- 20m ROW
- 18m ROW
- BOUNDARY
- FUTURE EXPANSION

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

FOR TENDER PURPOSE ONLY

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DRAWING NO.	TITLE	STATUS CODES	1: PRELIMINARY	2: FOR APPROVAL	3: GOOD FOR CONSTRUCTION	4:
REVISIONS						
REV.	YYMMDD DATE	STATUS	DESCRIPTION		DES.	DRN.
A	240124	2	TEMPLATE REVISED		BVN	DVM
0	231124	2	FOR APPROVAL		BVN	DVM
					ABS	Sd/-
					BRT	Sd/-
					INIT. CHECKED	SIGN. APPROVED

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: ROAD: 24-03
PLAN & PROFILE FROM CH: 0+000 TO CH 0+617.969

PROJECT NO: C1232704

COP: HOR - 1:2000
VER - 1:200

DRAWING NO: DDP034

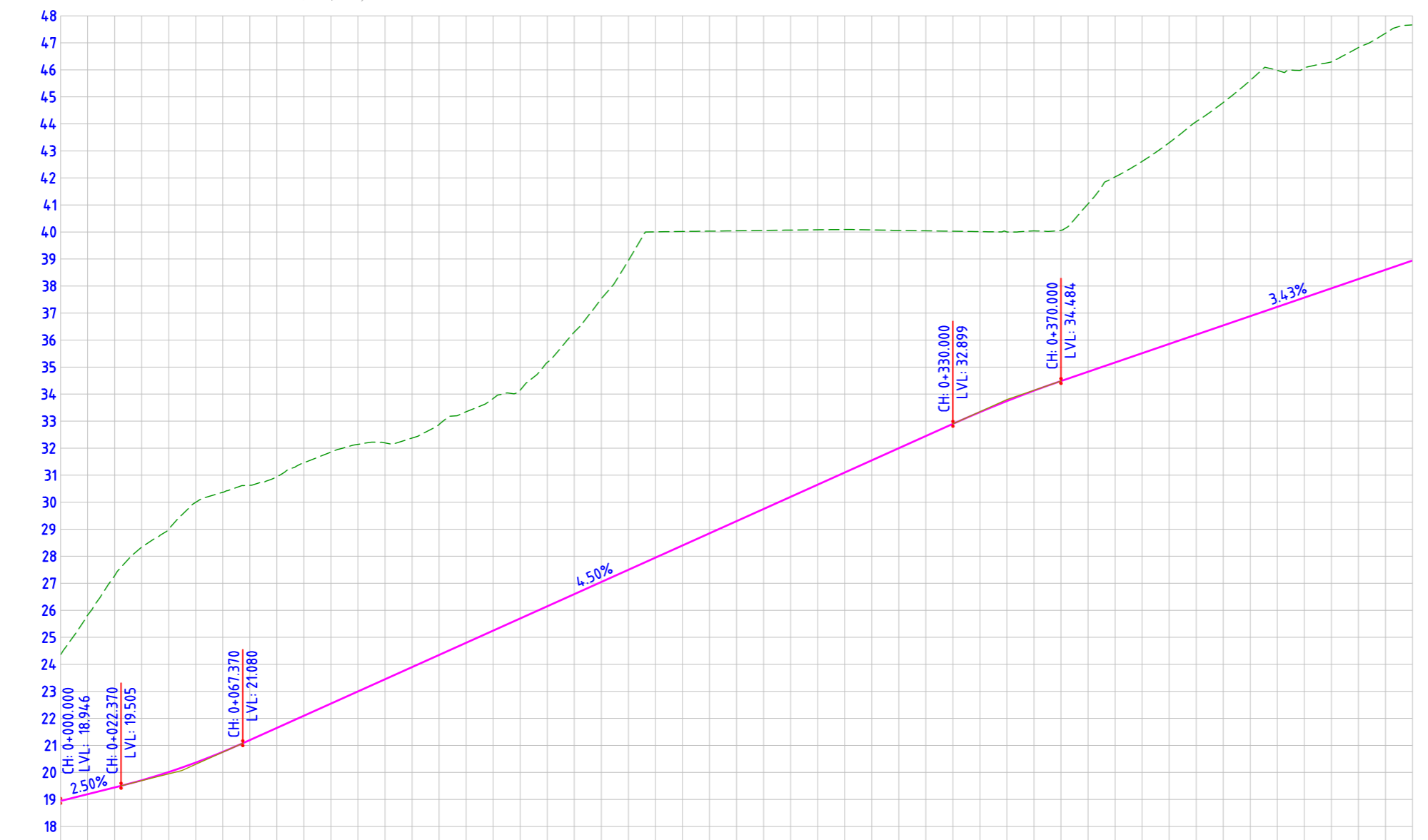
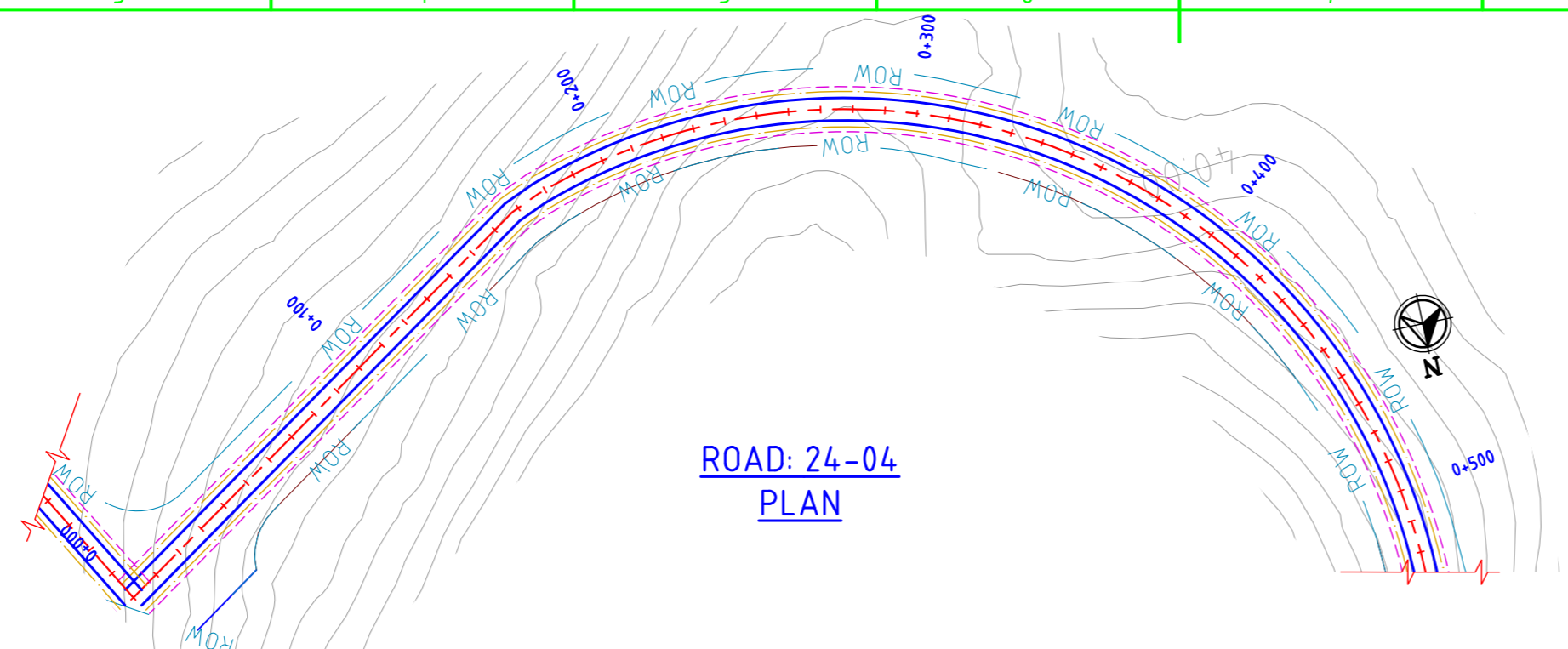
REV: A

L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH **ARTELIA Consulting Engineers Ltd.** (Formerly Mahindra Consulting Engineers Ltd.)

AUTO PATH: U:\ROADS\2023\ACT\232704 - DETAIL DESIGN FOR APIC\WORKING\DRAWINGS\44-ROADS\BAPLAN & PROFILES\DDP030-DDP044-RA-PLAN AND PROFILE-24-01 TO 24-05.DWG

This drawing is the property of L&T Infrastructure Engineering Ltd. and must not be passed on to any other person or body without our prior permission in writing. PATH: REFER BOTTOM LEFT CORNER OF THE DRAWING ORIGIN: SIZE: A2

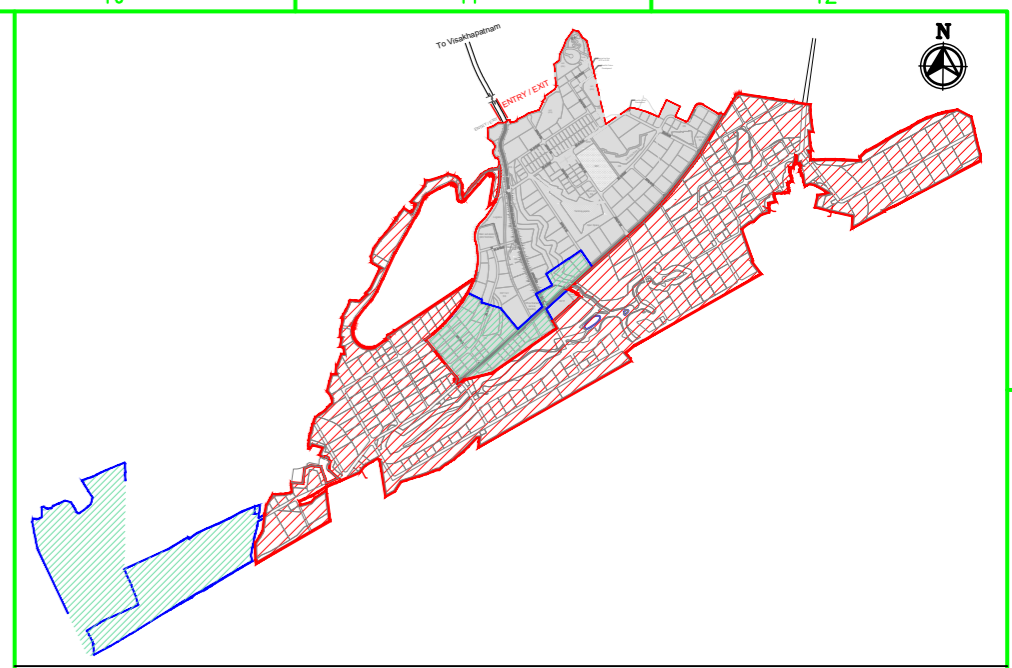
AUTO PATH: U:\ROADS\2023\ACT\232704 - DETAIL DESIGN FOR APBDA\WORKING\DRAWINGS\44-ROADS\RA\PLAN & PROFILES\DDP035-DDP04-RA-PLAN AND PROFILE-24-01 TO 24-05.DWG



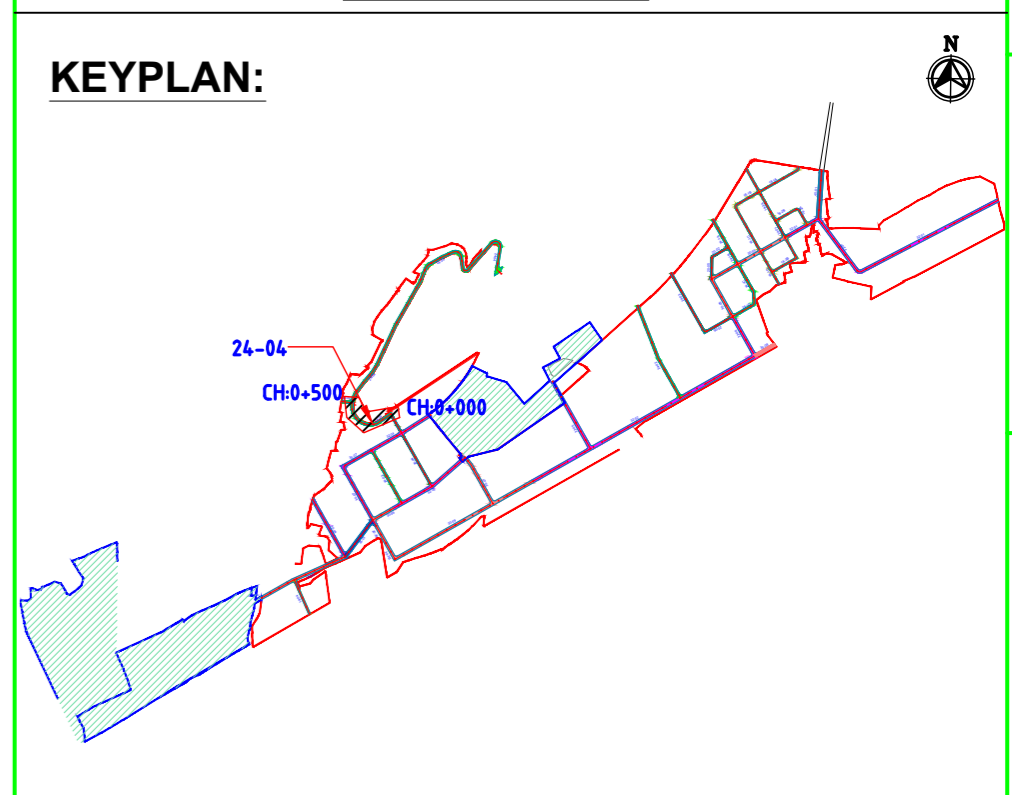
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EXISTING GROUND LEVEL	24.352, 25.822, 27.276, 28.338, 29.005, 29.995, 30.366, 30.761, 30.935, 31.460, 31.855, 32.142, 32.196, 32.374, 32.875, 33.348, 33.837, 34.145, 34.165, 35.172, 36.297, 37.531, 38.945, 40.005, 40.018, 40.032, 40.032, 40.044, 40.059, 40.071, 40.080, 40.091, 40.099, 40.109, 40.119, 40.129, 40.139, 40.149, 40.159, 40.169, 40.179, 40.189, 40.199, 40.209, 40.219, 40.229, 40.239, 40.249, 40.259, 40.269, 40.279, 40.289, 40.299, 40.309, 40.319, 40.329, 40.339, 40.349, 40.359, 40.369, 40.379, 40.389, 40.399, 40.409, 40.419, 40.429, 40.439, 40.449, 40.459, 40.469, 40.479, 40.489, 40.499, 40.500
LEVEL DIFFERENCE	-5.406, -6.626, -7.830, -8.629, -8.990, -9.630, -9.605, -9.429, -9.286, -9.362, -9.306, -9.144, -8.748, -8.527, -8.550, -8.588, -8.447, -9.023, -9.699, -10.446, -12.056, -11.620, -11.184, -10.745, -10.310, -9.872, -9.432, -8.993, -8.528, -8.061, -7.595, -7.129, -6.677, -6.255, -5.913, -5.579, -6.213, -6.868, -7.099, -7.447, -7.884, -8.247, -8.729, -8.752, -8.491, -8.381, -8.572, -8.755, -8.724
HORIZONTAL ALIGNMENT	L=167.729, L=9.976, R=184.956, L=347.787
VERTICAL SCHEMATIC	G=2.500%, K=22.500, L=45.000, G=4.500%, L=262.630, K=37.356, L=40.000, G=3.429%, L=170.000
TCS TYPE	TYPE-5G/1
DESIGN CHAINAGE	0+000.00, 0+010.00, 0+020.00, 0+030.00, 0+040.00, 0+050.00, 0+060.00, 0+070.00, 0+080.00, 0+090.00, 0+100.00, 0+110.00, 0+120.00, 0+130.00, 0+140.00, 0+150.00, 0+160.00, 0+170.00, 0+180.00, 0+190.00, 0+200.00, 0+210.00, 0+220.00, 0+230.00, 0+240.00, 0+250.00, 0+260.00, 0+270.00, 0+280.00, 0+290.00, 0+300.00, 0+310.00, 0+320.00, 0+330.00, 0+340.00, 0+350.00, 0+360.00, 0+370.00, 0+380.00, 0+390.00, 0+400.00, 0+410.00, 0+420.00, 0+430.00, 0+440.00, 0+450.00, 0+460.00, 0+470.00, 0+480.00, 0+490.00, 0+500.00

ROAD: 24-04
LONGITUDINAL PROFILE

SHEET 1 OF 6



MASTER PLAN



KEYPLAN:

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

- 45m ROW
- 35m ROW
- 32m ROW
- 30m ROW
- 24m ROW
- 20m ROW
- 18m ROW
- BOUNDARY
- FUTURE EXPANSION

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

FOR TENDER PURPOSE ONLY

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DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT.	SIGN.	INIT.	SIGN.
		A	240124	2	TEMPLATE REVISED	BVN	DVM	ABSRS	Sd/-	BRT	Sd/-
		0	231124	2	FOR APPROVAL						

REVISIONS

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: ROAD: 24-04
PLAN & PROFILE FROM CH: 0+000 TO CH 0+500

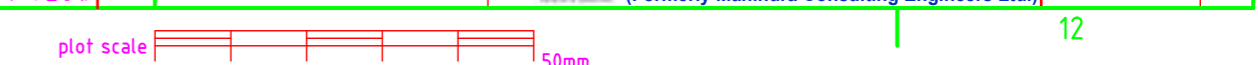
PROJECT NO: C1232704

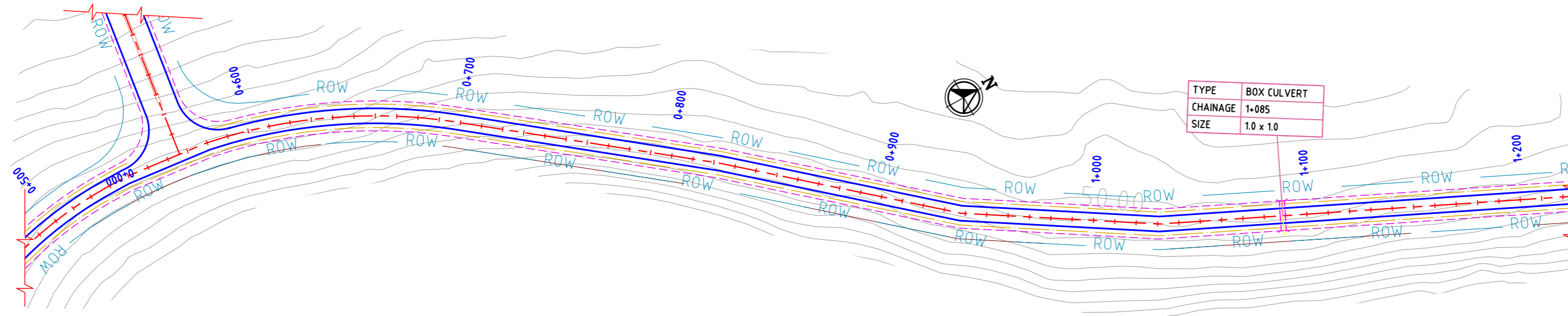
SCALE: HOR - 1:2000
VER - 1:200

DRAWING NO: DDP035

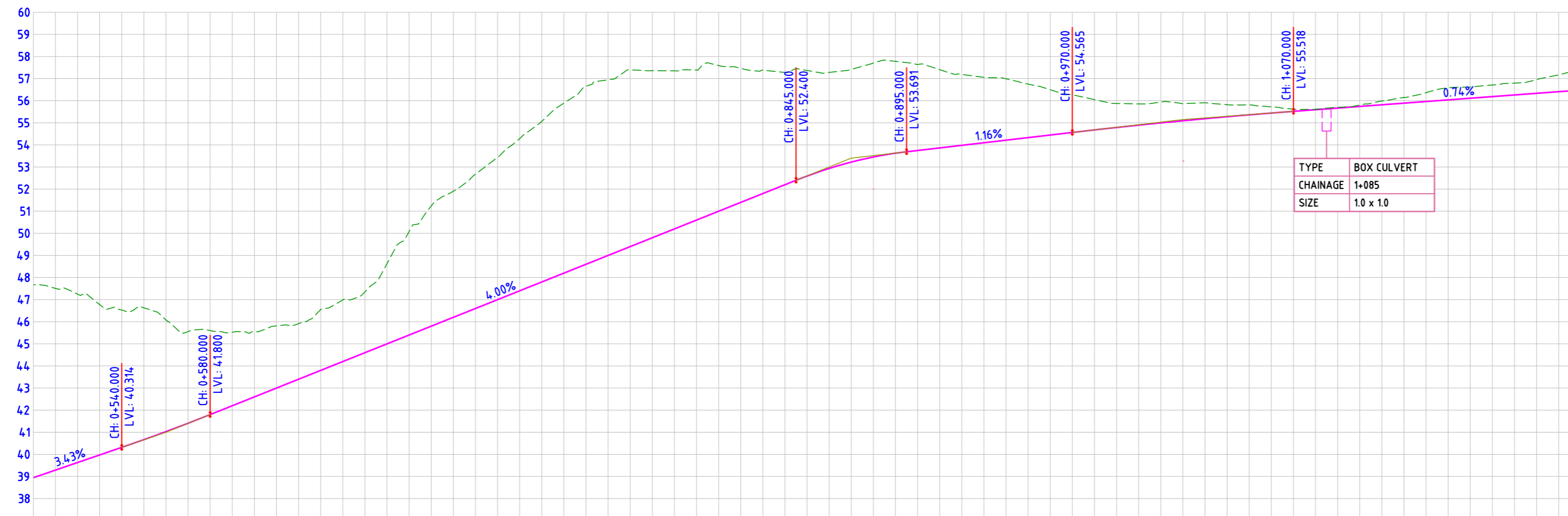
REV: A

COMPANIES: L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)





ROAD: 24-04
PLAN



ROAD: 24-04
LONGITUDINAL PROFILE

FINISHED ROAD LEVELS	EXISTING GROUND LEVEL	LEVEL DIFFERENCE	HORIZONTAL ALIGNMENT	VERTICAL SCHEMATIC	TCS TYPE	DESIGN CHAINAGE
38.942	47.666	-8.724	R=184.956	G=3.429%	TYPE-SG/2	0+500.00
39.285	47.508	-8.222	L=34.7787	L=170.000		0+510.00
39.628	47.253	-7.625	L=13.100	K=70.079	TYPE-SG/1	0+520.00
39.971	46.778	-6.807	L=41.553	L=40.000		0+530.00
40.314	46.528	-6.214	L=10.801	G=4.000%	TYPE-SG/1	0+540.00
40.664	46.628	-5.964	R=251.846	L=265.000		0+550.00
41.029	46.081	-5.053	L=104.897	K=17.634	TYPE-SG/1	0+560.00
41.407	45.560	-4.153	L=10.801	L=50.000		0+570.00
41.800	45.598	-3.798	L=126.769	G=1.165%	TYPE-SG/1	0+580.00
42.200	45.525	-3.325	L=115.330	L=75.000		0+590.00
42.600	45.545	-2.945	L=93.009	K=236.176	TYPE-SG/1	0+600.00
43.000	45.813	-2.813	L=169.049	L=100.000		0+610.00
43.400	45.917	-2.517		G=0.741%	TYPE-SG/1	0+620.00
43.800	46.550	-2.750				0+630.00
44.200	46.989	-2.789			TYPE-SG/1	0+640.00
44.600	47.348	-2.748				0+650.00
45.000	48.630	-3.630			TYPE-SG/1	0+660.00
45.400	48.630	-3.630				0+670.00
45.800	50.087	-4.687			TYPE-SG/1	0+680.00
46.200	51.240	-5.440				0+690.00
46.600	51.905	-5.705			TYPE-SG/1	0+700.00
47.000	52.674	-6.074				0+710.00
47.400	53.437	-6.437			TYPE-SG/1	0+720.00
47.800	54.286	-6.886				0+730.00
48.200	55.067	-7.267			TYPE-SG/1	0+740.00
48.600	55.891	-7.691				0+750.00
49.000	56.655	-8.055			TYPE-SG/1	0+760.00
49.400	56.945	-7.945				0+770.00
49.800	57.395	-7.995			TYPE-SG/1	0+780.00
50.200	57.357	-7.557				0+790.00
50.600	57.350	-7.150			TYPE-SG/1	0+800.00
51.000	57.389	-6.789				0+810.00
51.400	57.594	-6.594			TYPE-SG/1	0+820.00
51.800	57.465	-6.065				0+830.00
52.200	57.377	-5.577			TYPE-SG/1	0+840.00
52.600	57.280	-5.080				0+850.00
53.000	57.368	-4.775			TYPE-SG/1	0+860.00
53.400	57.282	-4.345				0+870.00
53.800	57.418	-4.196			TYPE-SG/1	0+880.00
54.200	57.708	-4.256				0+890.00
54.600	57.626	-4.156			TYPE-SG/1	0+900.00
55.000	57.639	-3.890				0+910.00
55.400	57.405	-3.539			TYPE-SG/1	0+920.00
55.800	57.190	-3.207				0+930.00
56.200	57.058	-2.959			TYPE-SG/1	0+940.00
56.600	56.991	-2.776				0+950.00
57.000	56.750	-2.419			TYPE-SG/1	0+960.00
57.400	56.496	-2.048				0+970.00
57.800	56.266	-1.701			TYPE-SG/1	0+980.00
58.200	56.050	-1.371				0+990.00
58.600	55.874	-1.085			TYPE-SG/1	1+000.00
59.000	55.857	-0.962				1+010.00
59.400	55.938	-0.941			TYPE-SG/1	1+020.00
59.800	55.867	-0.773				1+030.00
60.200	55.907	-0.720			TYPE-SG/1	1+040.00
60.600	55.820	-0.544				1+050.00
61.000	55.810	-0.449			TYPE-SG/1	1+060.00
61.400	55.725	-0.284				1+070.00
61.800	55.618	-0.101			TYPE-SG/1	1+080.00
62.200	55.614	-0.022				1+090.00
62.600	55.702	-0.036			TYPE-SG/1	1+100.00
63.000	55.804	-0.064				1+110.00
63.400	55.990	-0.176			TYPE-SG/1	1+120.00
63.800	56.147	-0.259				1+130.00
64.200	56.364	-0.402			TYPE-SG/1	1+140.00
64.600	56.581	-0.545				1+150.00
65.000	56.712	-0.527			TYPE-SG/1	1+160.00
65.400	56.797	-0.538				1+170.00
65.800	56.954	-0.622			TYPE-SG/1	1+180.00
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66.600	57.482	-1.001			1+200.00	

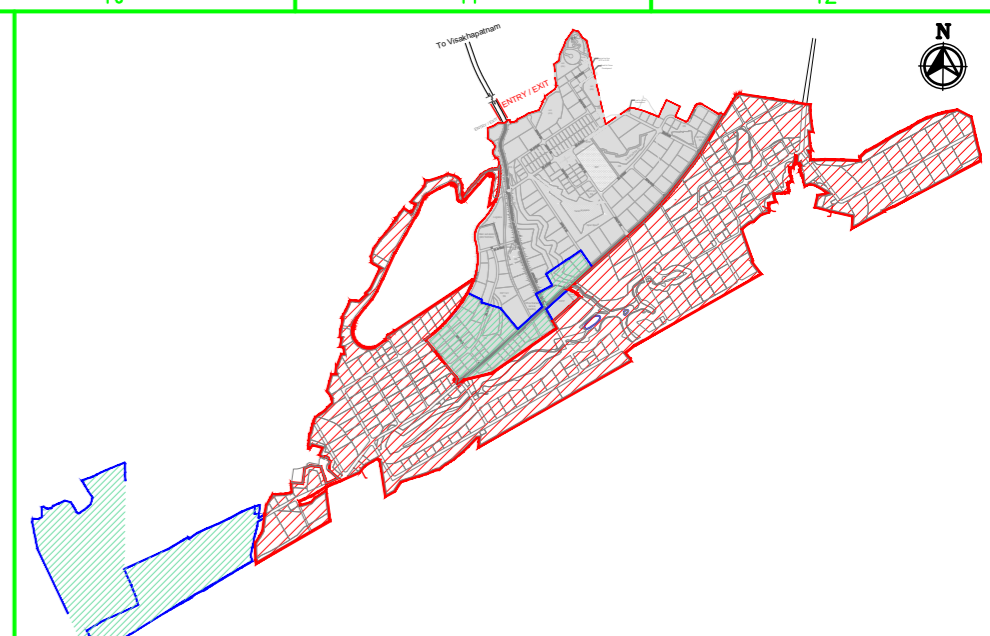
SHEET 2 OF 6

- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
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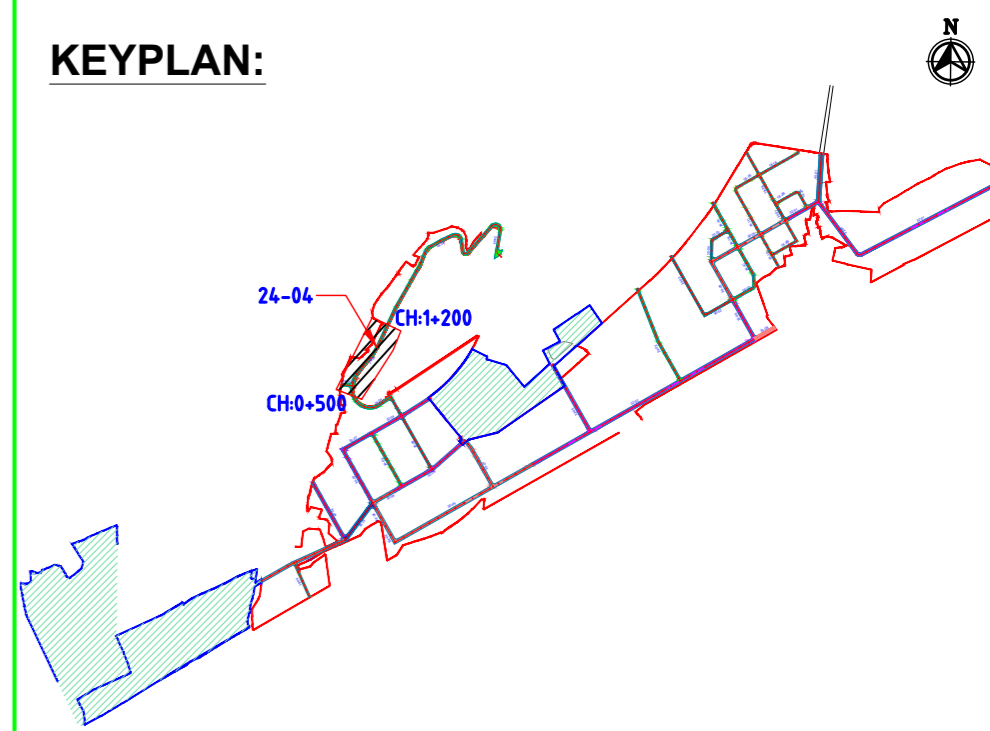
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		0	231124	2	FOR APPROVAL	BVN	DVM	ABS	Sd/-

REVISIONS

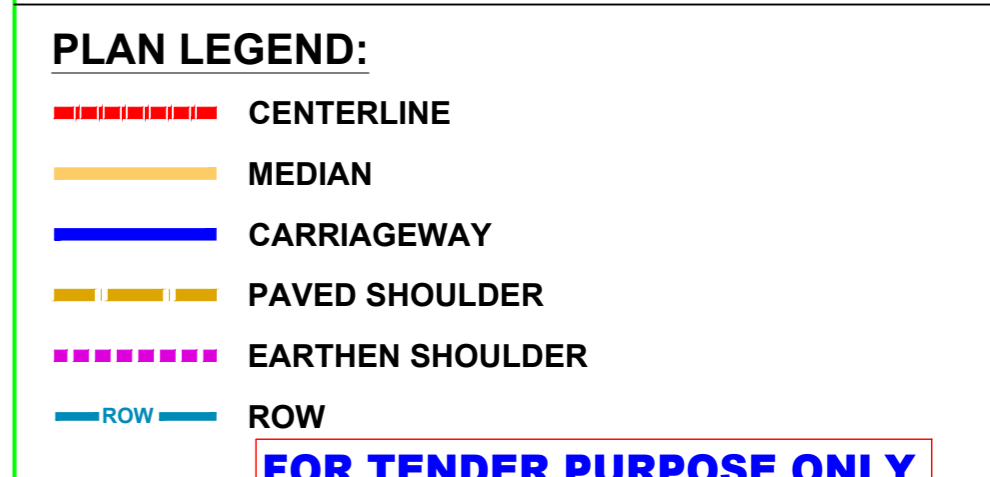
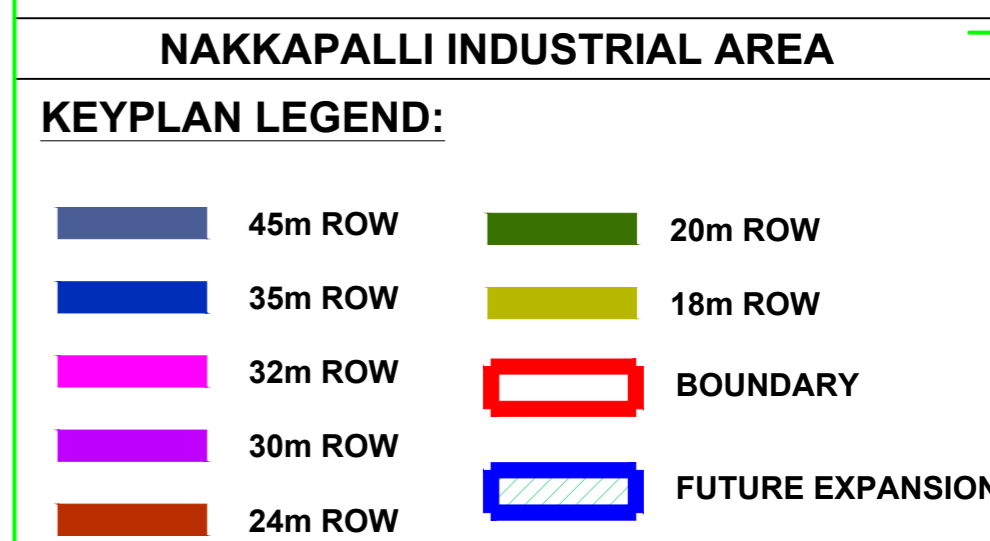
STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:



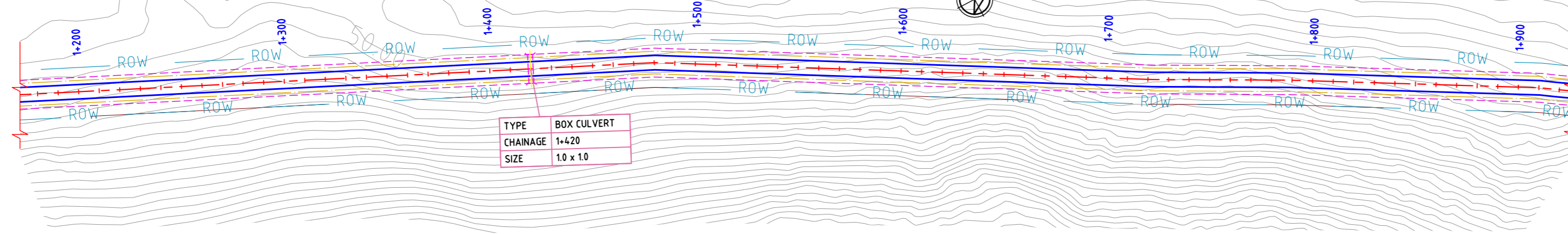
MASTER PLAN



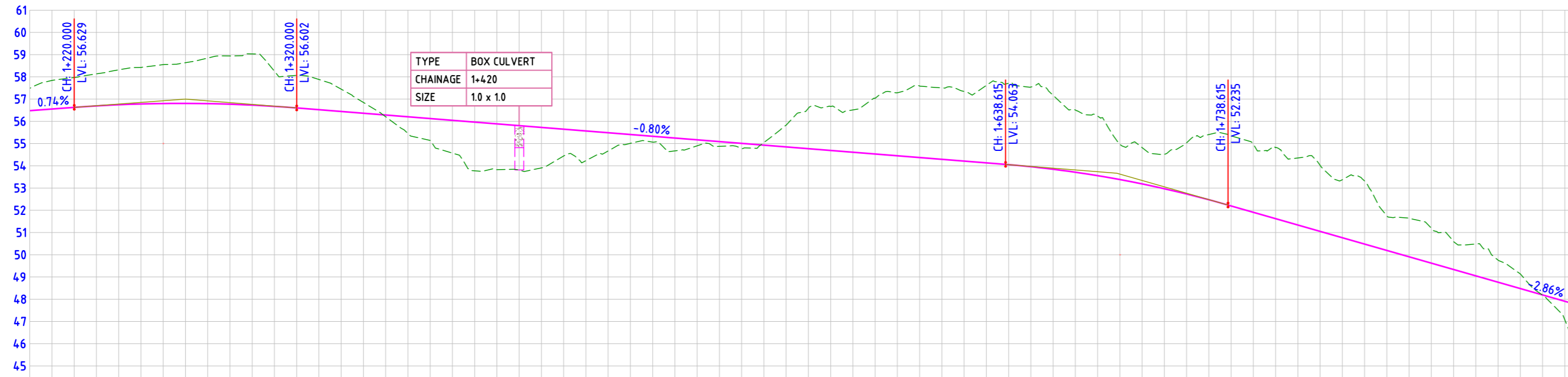
KEYPLAN:



CLIENT:	ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH
TITLE:	ROAD: 24-04 PLAN & PROFILE FROM CH: 0+500 TO CH 1+200
PROJECT NO:	C1232704
COP:	
SCALE:	HOR - 1:2000 VER - 1:200
DRAWING NO:	DDP036
REV:	A

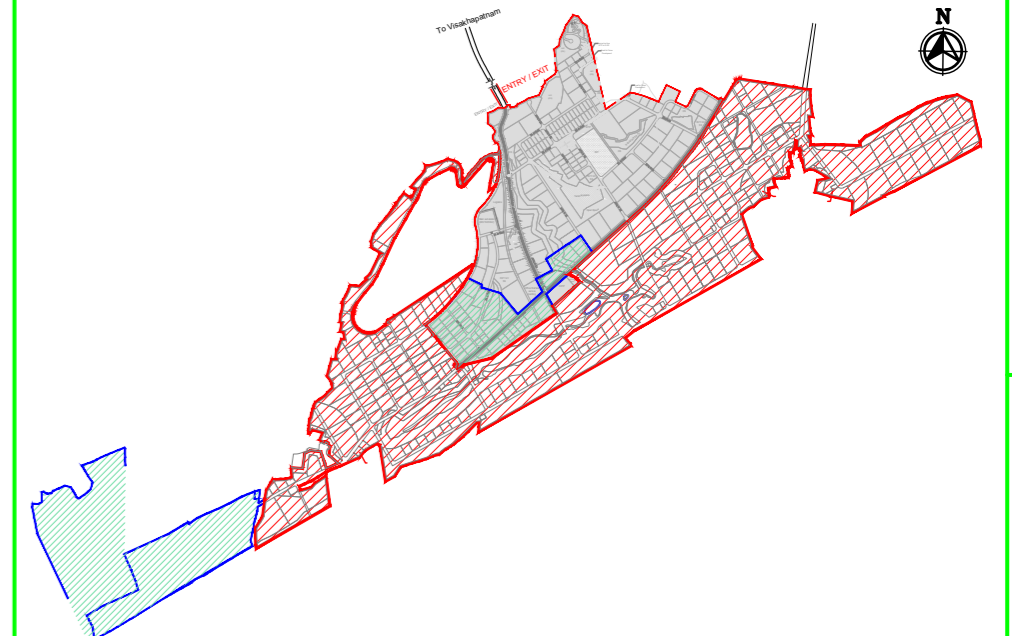


ROAD: 24-04
PLAN

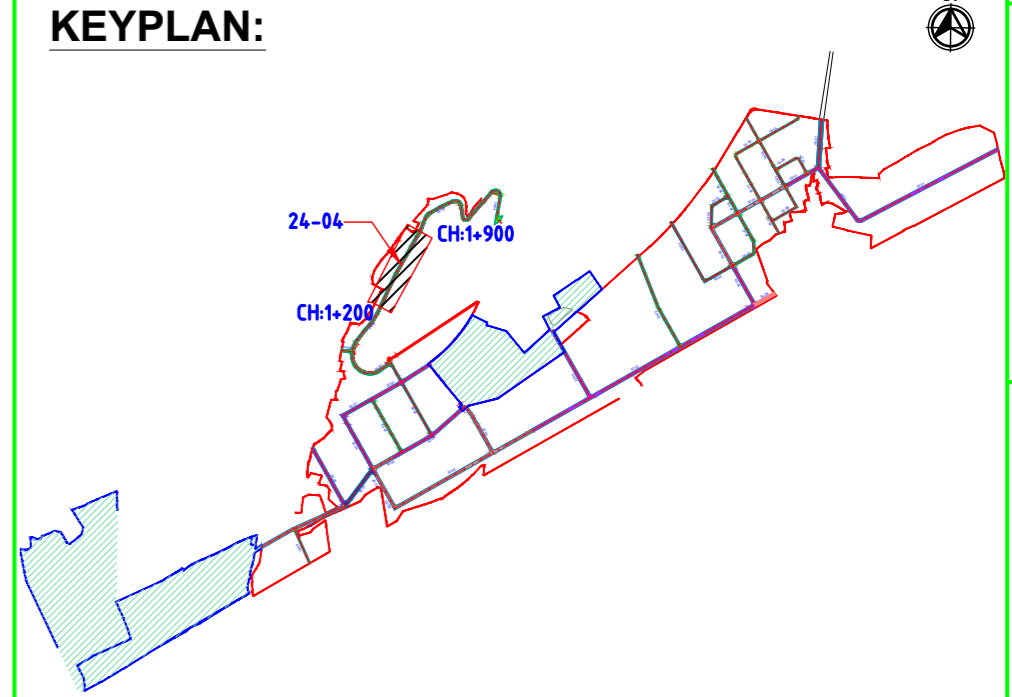


FINISHED ROAD LEVELS	
1+200.00	56.481
1+210.00	56.555
1+220.00	56.629
1+230.00	56.696
1+240.00	56.747
1+250.00	56.783
1+260.00	56.803
1+270.00	56.808
1+280.00	56.797
1+290.00	56.771
1+300.00	56.730
1+310.00	56.674
1+320.00	56.602
1+330.00	56.522
1+340.00	56.442
1+350.00	56.363
1+360.00	56.283
1+370.00	56.203
1+380.00	56.124
1+390.00	56.044
1+400.00	55.964
1+410.00	55.885
1+420.00	55.805
1+430.00	55.725
1+440.00	55.646
1+450.00	55.566
1+460.00	55.486
1+470.00	55.407
1+480.00	55.327
1+490.00	55.247
1+500.00	55.167
1+510.00	55.088
1+520.00	55.008
1+530.00	54.928
1+540.00	54.849
1+550.00	54.769
1+560.00	54.689
1+570.00	54.610
1+580.00	54.530
1+590.00	54.450
1+600.00	54.371
1+610.00	54.291
1+620.00	54.211
1+630.00	54.132
1+640.00	54.052
1+650.00	53.959
1+660.00	53.846
1+670.00	53.711
1+680.00	53.557
1+690.00	53.381
1+700.00	53.185
1+710.00	52.969
1+720.00	52.732
1+730.00	52.474
1+740.00	52.196
1+750.00	51.910
1+760.00	51.624
1+770.00	51.338
1+780.00	51.052
1+790.00	50.766
1+800.00	50.480
1+810.00	50.194
1+820.00	49.908
1+830.00	49.622
1+840.00	49.336
1+850.00	49.051
1+860.00	48.765
1+870.00	48.479
1+880.00	48.193
1+890.00	47.907
1+900.00	47.621

ROAD: 24-04
LONGITUDINAL PROFILE



MASTER PLAN



KEYPLAN:

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

	45m ROW		20m ROW
	35m ROW		18m ROW
	32m ROW		BOUNDARY
	30m ROW		FUTURE EXPANSION
	24m ROW		

PLAN LEGEND:

	CENTERLINE
	MEDIAN
	CARRIAGEWAY
	PAVED SHOULDER
	EARTHEN SHOULDER
	ROW

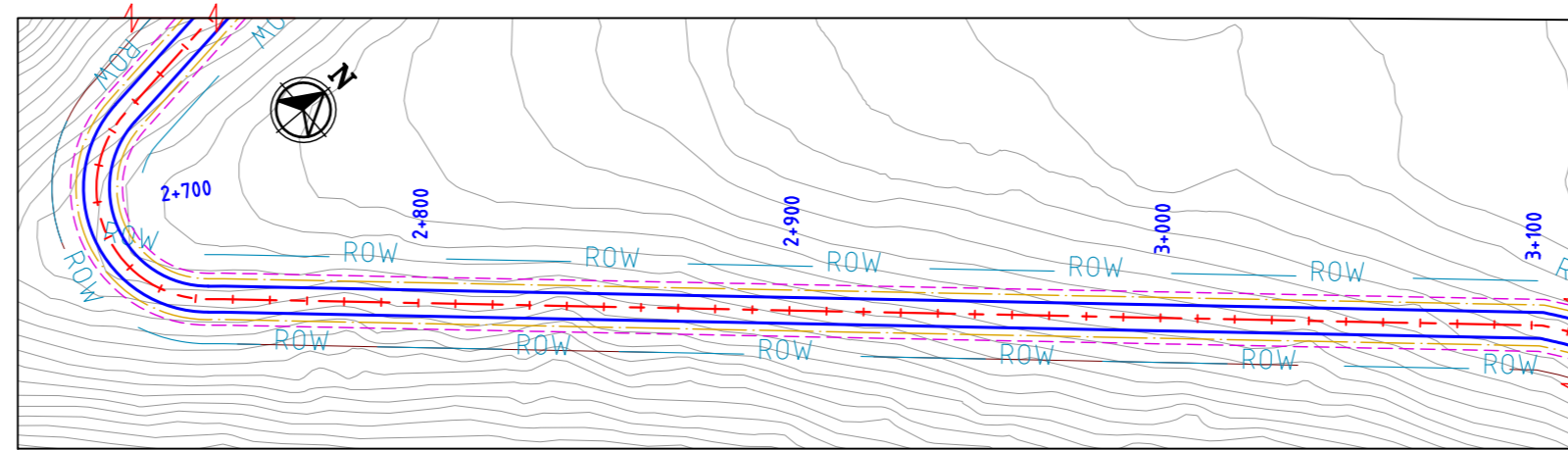
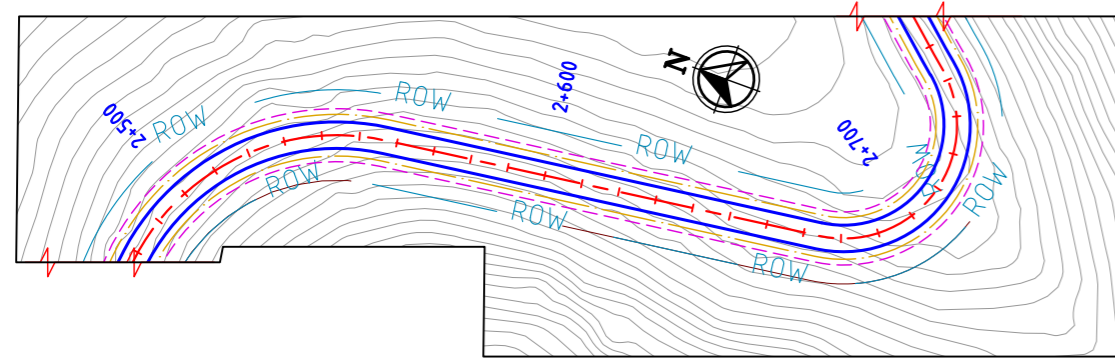
FOR TENDER PURPOSE ONLY

SHEET 3 OF 6

- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
 - REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT.	SIGN.	INIT.	SIGN.
		A	240124	2	TEMPLATE REVISED	BVN	DVM	ABSR		BRT	
		0	231124	2	FOR APPROVAL	BVN	DVM	ABSR	Sd/-	BRT	Sd/-
REVISIONS						DES.	DRN.	INIT.	SIGN.	INIT.	SIGN.
STATUS CODES						1: PRELIMINARY	2: FOR APPROVAL	3: GOOD FOR CONSTRUCTION	4:		

CLIENT:	ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)	PROJECT NO:	C1232704
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH	COP:	
TITLE:	ROAD: 24-04 PLAN & PROFILE FROM CH: 1+200 TO CH 1+900	SCALE:	HOR - 1:2000 VER - 1:200
DRAWING NO:	DDP037	REV:	A

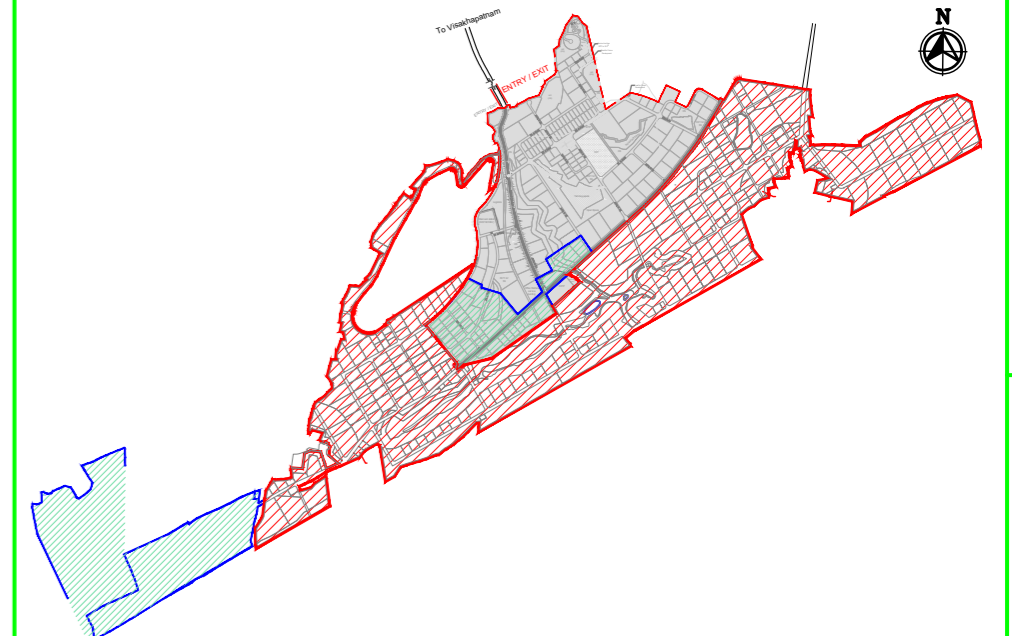


ROAD: 24-04
PLAN

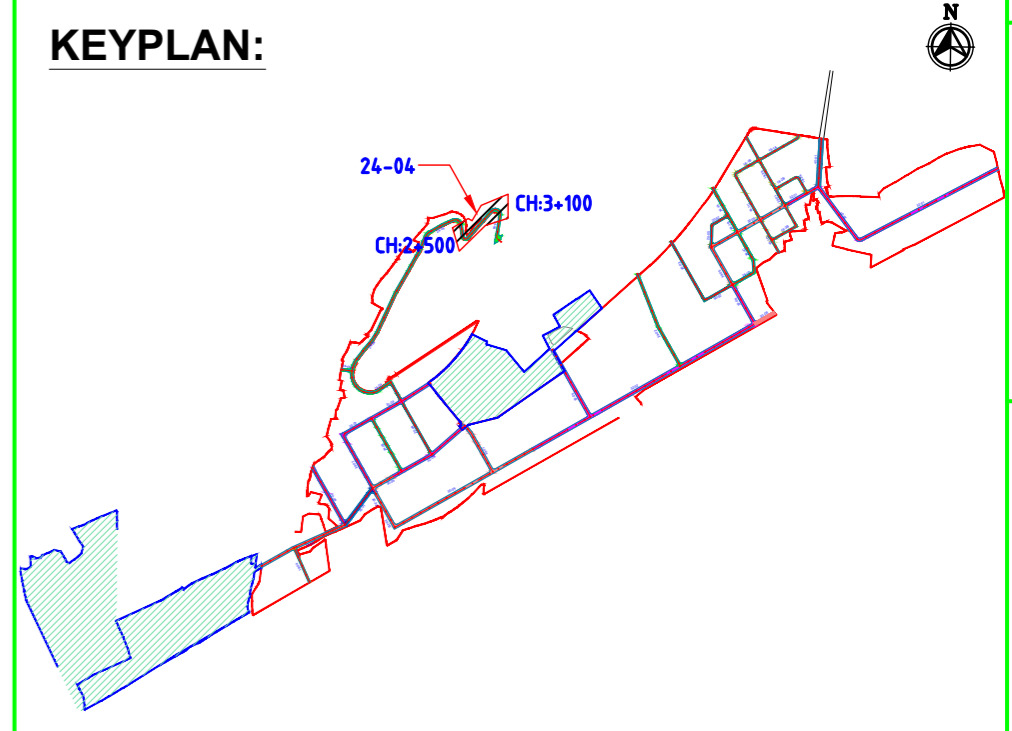


CH	2+500.00	2+510.00	2+520.00	2+530.00	2+540.00	2+550.00	2+560.00	2+570.00	2+580.00	2+590.00	2+600.00	2+610.00	2+620.00	2+630.00	2+640.00	2+650.00	2+660.00	2+670.00	2+680.00	2+690.00	2+700.00	2+710.00	2+720.00	2+730.00	2+740.00	2+750.00	2+760.00	2+770.00	2+780.00	2+790.00	2+800.00	2+810.00	2+820.00	2+830.00	2+840.00	2+850.00	2+860.00	2+870.00	2+880.00	2+890.00	2+900.00	2+910.00	2+920.00	2+930.00	2+940.00	2+950.00	2+960.00	2+970.00	2+980.00	2+990.00	3+000.00	3+010.00	3+020.00	3+030.00	3+040.00	3+050.00	3+060.00	3+070.00	3+080.00	3+090.00	3+100.00										
FINISHED ROAD LEVELS	36.691	36.664	36.637	36.610	36.583	36.554	36.510	36.448	36.369	36.159	36.273	36.027	35.879	35.713	35.529	35.329	35.111	34.875	34.622	34.352	34.066	33.779	33.491	33.203	32.916	32.628	32.340	32.053	31.765	31.478	31.190	30.899	30.601	30.296	29.983	29.662	29.334	28.999	28.656	28.305	27.947	27.582	27.209	26.828	26.441	26.045	25.645	25.245	24.845	24.445	24.045	23.645	23.245	22.845	22.445	22.045	21.645	21.245	20.845	20.451	20.091										
EXISTING GROUND LEVEL	36.695	37.541	39.002	39.476	39.779	41.821	43.862	44.662	45.277	44.736	44.753	43.828	43.113	42.214	40.402	38.570	37.872	37.728	37.013	34.753	33.699	32.922	32.564	33.821	34.667	34.496	34.798	35.703	36.690	35.470	34.965	34.527	34.375	34.375	35.136	36.660	36.660	36.653	34.653	33.839	33.674	32.448	28.656	26.049	25.645	25.038	24.490	24.845	23.511	23.645	23.148	22.478	22.845	21.781	22.445	20.070	22.045	19.371	21.645	2.372	18.874	12.245	4.050	16.795	20.845	4.617	15.839	20.451	5.622	14.469	20.091
LEVEL DIFFERENCE	-0.004	-0.877	-2.365	-2.866	-3.196	-5.266	-7.352	-8.214	-8.908	-8.481	-8.578	-7.800	-7.234	-6.501	-4.872	-3.242	-2.762	-2.853	-2.391	-0.401	0.368	0.857	0.927	-0.618	-1.751	-1.868	-2.458	-4.925	-3.933	-3.775	-3.628	-3.773	-4.840	-6.677	-6.677	-4.991	-4.505	-4.675	-3.793	-3.279	-2.641	-2.264	-1.758	-1.714	-1.126	-0.753	-0.404	0.207	0.369	0.534	0.497	0.767	0.614	0.664	1.975	2.274	2.372	4.050	4.617	5.622											
HORIZONTAL ALIGNMENT	R=60.000 L=111.196		L=117.201										R=30.000 L=69.256		L=4.188										L=352.419																																														
VERTICAL SCHEMATIC	G=-0.270% L=109.544		K=57.540 L=150.000										G=-2.877% L=106.129		K=133.513 L=150.000										G=-4.000% L=129.027										K=42.491 L=4.000																																				
TCS TYPE	TYPE-5G/1										TYPE-5G/2																																																												
DESIGN CHAINAGE	2+500.00	2+510.00	2+520.00	2+530.00	2+540.00	2+550.00	2+560.00	2+570.00	2+580.00	2+590.00	2+600.00	2+610.00	2+620.00	2+630.00	2+640.00	2+650.00	2+660.00	2+670.00	2+680.00	2+690.00	2+700.00	2+710.00	2+720.00	2+730.00	2+740.00	2+750.00	2+760.00	2+770.00	2+780.00	2+790.00	2+800.00	2+810.00	2+820.00	2+830.00	2+840.00	2+850.00	2+860.00	2+870.00	2+880.00	2+890.00	2+900.00	2+910.00	2+920.00	2+930.00	2+940.00	2+950.00	2+960.00	2+970.00	2+980.00	2+990.00	3+000.00	3+010.00	3+020.00	3+030.00	3+040.00	3+050.00	3+060.00	3+070.00	3+080.00	3+090.00	3+100.00										

ROAD: 24-04
LONGITUDINAL PROFILE



MASTER PLAN



KEYPLAN:

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

	45m ROW		20m ROW
	35m ROW		18m ROW
	32m ROW		BOUNDARY
	30m ROW		FUTURE EXPANSION
	24m ROW		

PLAN LEGEND:

	CENTERLINE
	MEDIAN
	CARRIAGEWAY
	PAVED SHOULDER
	EARTHEN SHOULDER
	ROW

FOR TENDER PURPOSE ONLY

SHEET 5 OF 6

- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
 - REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
A	240124	2	TEMPLATE REVISED	BVN	DVM	ABSR	BRT
0	231124	2	FOR APPROVAL	BVN	DVM	ABSR	Sd/- BRT

REVISIONS

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: ROAD: 24-04
PLAN & PROFILE FROM CH: 2+500 TO CH 3+100

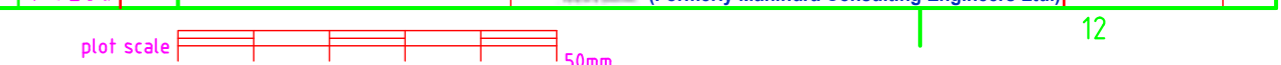
PROJECT NO: C1232704

COP: SCALE: HOR - 1:2000
VER - 1:200

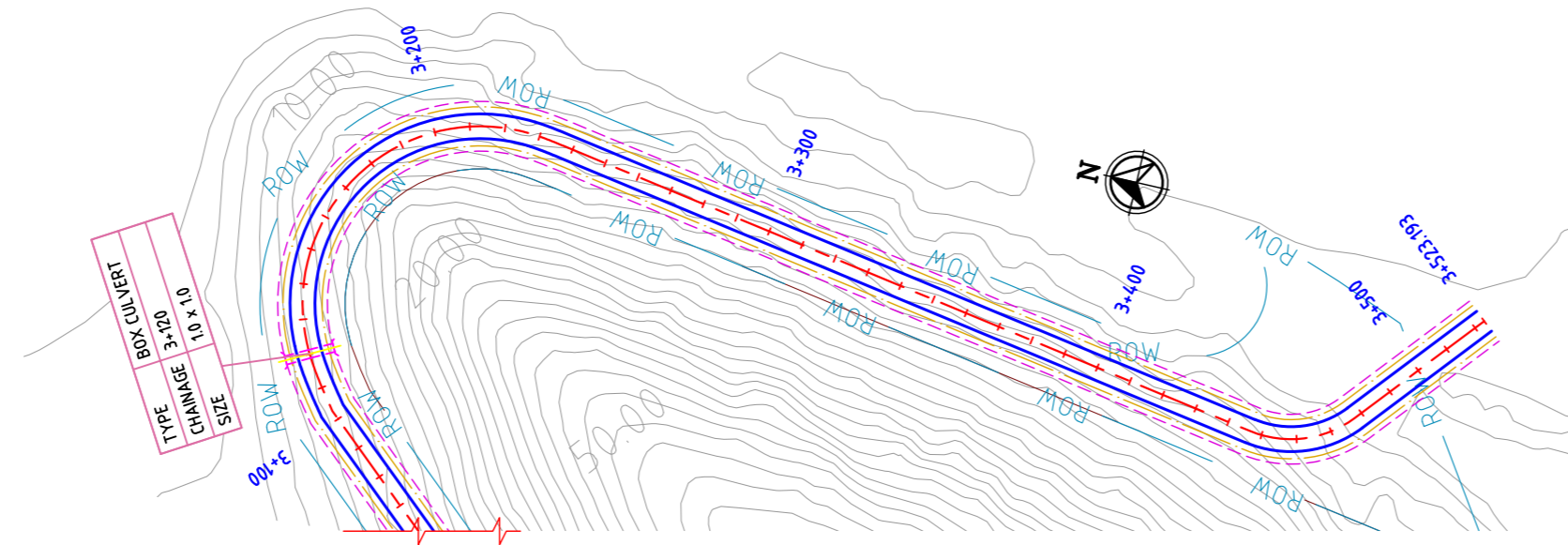
DRAWING NO: DDP039

REV: A

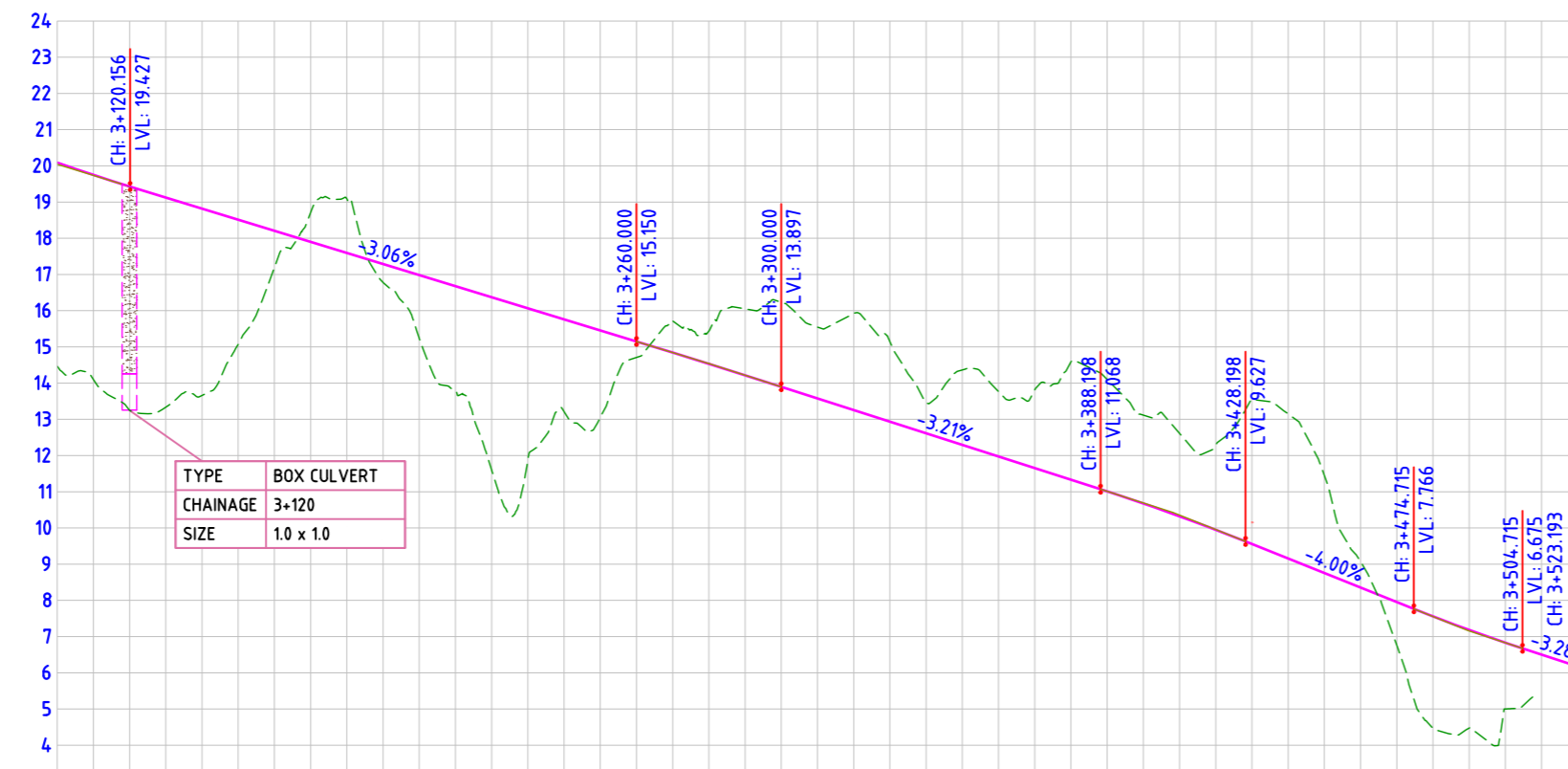
L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)



AUTO PATH: U:\ROADS\2023\12\27\04 - DETAIL DESIGN FOR APBDA\WORKING\DRAWINGS\04-ROADS\BA\PLAN & PROFILES\DDP039-DDP04-RA-PLAN AND PROFILE-24-01 TO 24-05.DWG

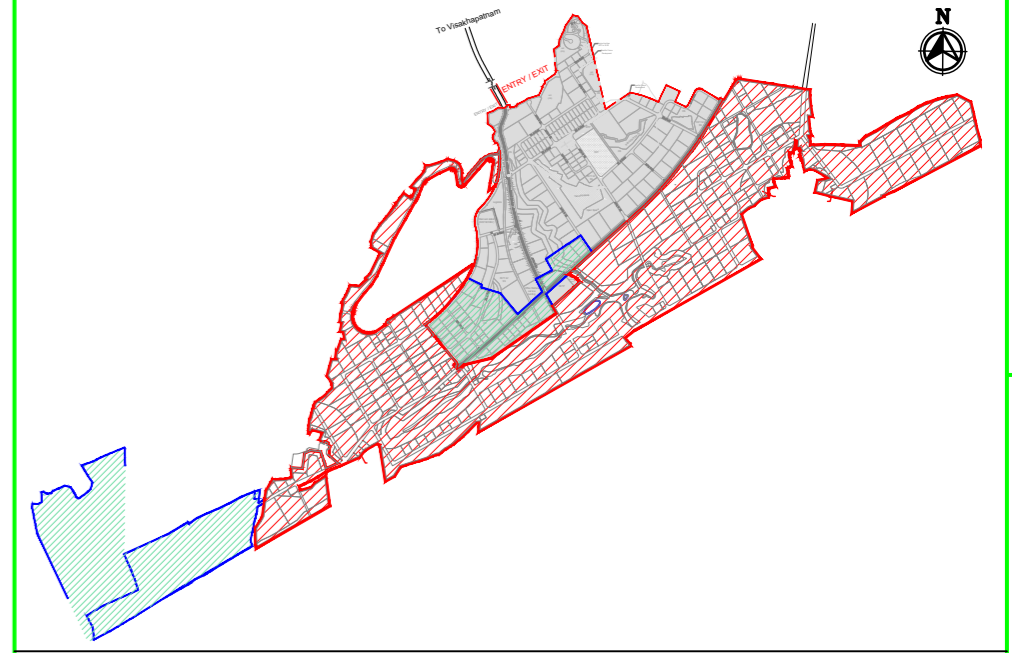


ROAD: 24-04
PLAN

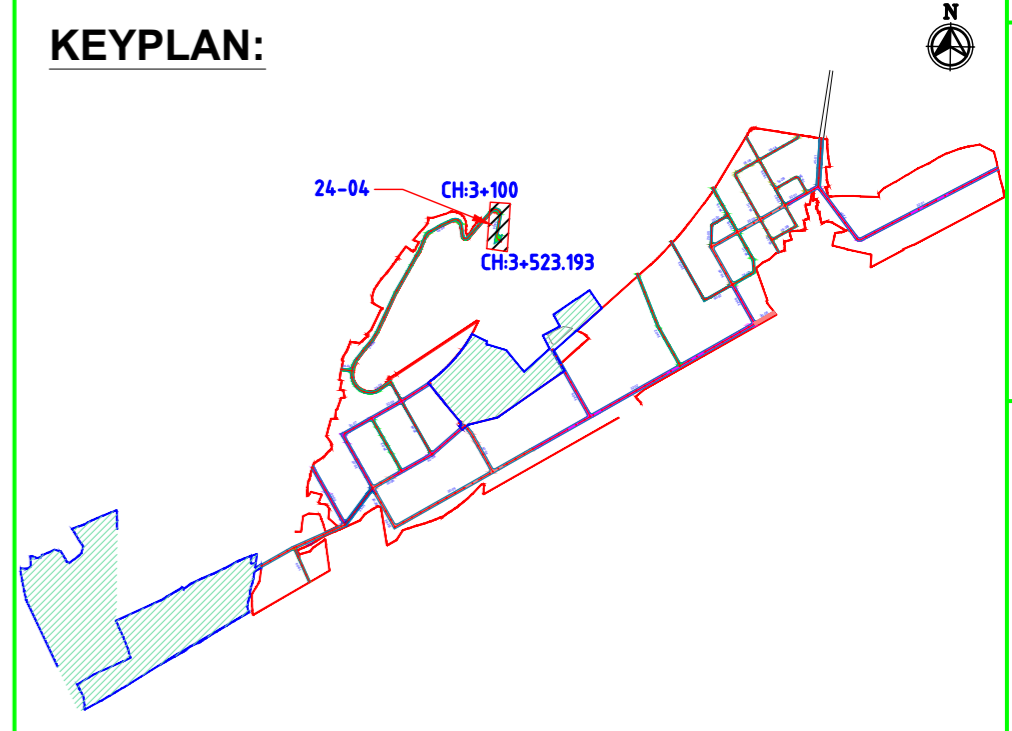


FINISHED ROAD LEVELS	EXISTING GROUND LEVEL	LEVEL DIFFERENCE	HORIZONTAL ALIGNMENT	VERTICAL SCHEMATIC	TCS TYPE	DESIGN CHAINAGE
20.091	14.469	5.622	L=20.000 L=2.761 L=0.316	K=42.497 L=40.000	TYPE-SG	3+100.00
19.750	14.101	5.649	R=50.000 L=104.508	G=-3.059%	TYPE-SG/2	3+110.00
19.432	13.248	6.184	L=10.000	L=139.844	TYPE-SG	3+120.00
19.126	13.335	5.791			TYPE-SG/2	3+130.00
18.820	13.659	5.161			TYPE-SG/2	3+140.00
18.514	15.076	3.438			TYPE-SG/2	3+150.00
18.208	17.188	1.020			TYPE-SG/2	3+160.00
17.903	18.709	-0.807			TYPE-SG/2	3+170.00
17.597	19.089	-1.492			TYPE-SG/2	3+180.00
17.291	16.779	0.512			TYPE-SG/2	3+190.00
16.985	15.238	1.747			TYPE-SG/2	3+200.00
16.679	13.783	2.896			TYPE-SG/2	3+210.00
16.373	11.596	4.777			TYPE-SG/2	3+220.00
16.067	11.876	4.191			TYPE-SG/2	3+230.00
15.761	13.213	2.549			TYPE-SG/2	3+240.00
15.456	13.058	2.398			TYPE-SG/2	3+250.00
15.150	14.842	0.308			TYPE-SG/2	3+260.00
14.842	15.704	-0.862			TYPE-SG/2	3+270.00
14.531	15.438	-0.907			TYPE-SG/2	3+280.00
14.215	16.050	-1.834			TYPE-SG/2	3+290.00
13.897	16.233	-2.336			TYPE-SG/2	3+300.00
13.576	15.548	-1.972			TYPE-SG/2	3+310.00
13.255	15.921	-2.666			TYPE-SG/2	3+320.00
12.935	15.145	-2.211			TYPE-SG/2	3+330.00
12.614	13.451	-0.837			TYPE-SG/2	3+340.00
12.293	14.362	-2.069			TYPE-SG/2	3+350.00
11.973	13.767	-1.795			TYPE-SG/2	3+360.00
11.652	13.812	-2.160			TYPE-SG/2	3+370.00
11.331	14.588	-3.256			TYPE-SG/2	3+380.00
11.010	14.100	-3.089			TYPE-SG/2	3+390.00
10.676	13.116	-2.440			TYPE-SG/2	3+400.00
10.322	12.610	-2.288			TYPE-SG/2	3+410.00
9.948	12.294	-2.346			TYPE-SG/2	3+420.00
9.555	13.549	-3.994			TYPE-SG/2	3+430.00
9.155	13.148	-3.993			TYPE-SG/2	3+440.00
8.755	11.450	-2.695			TYPE-SG/2	3+450.00
8.355	9.069	-0.714			TYPE-SG/2	3+460.00
7.955	6.756	1.199			TYPE-SG/2	3+470.00
7.558	4.464	3.094			TYPE-SG/2	3+480.00
7.183	4.475	2.709			TYPE-SG/2	3+490.00
6.832	5.001	1.831			TYPE-SG/2	3+500.00
6.501	6.174	-0.673			TYPE-SG/2	3+510.00
6.174	6.174	0.000			TYPE-SG/2	3+520.00
6.069	6.069	0.000			TYPE-SG/2	3+523.193

ROAD: 24-04
LONGITUDINAL PROFILE



MASTER PLAN



KEYPLAN:

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

45m ROW	20m ROW
35m ROW	18m ROW
32m ROW	BOUNDARY
30m ROW	FUTURE EXPANSION
24m ROW	

PLAN LEGEND:

CENTERLINE
MEDIAN
CARRIAGEWAY
PAVED SHOULDER
EARTHEN SHOULDER
ROW

SHEET 6 OF 6

FOR TENDER PURPOSE ONLY

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DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
		A	240124	2	TEMPLATE REVISED	BVN	DVM	ABSRS	BRT
		0	231124	2	FOR APPROVAL	BVN	DVM	ABSRS	Sd/-

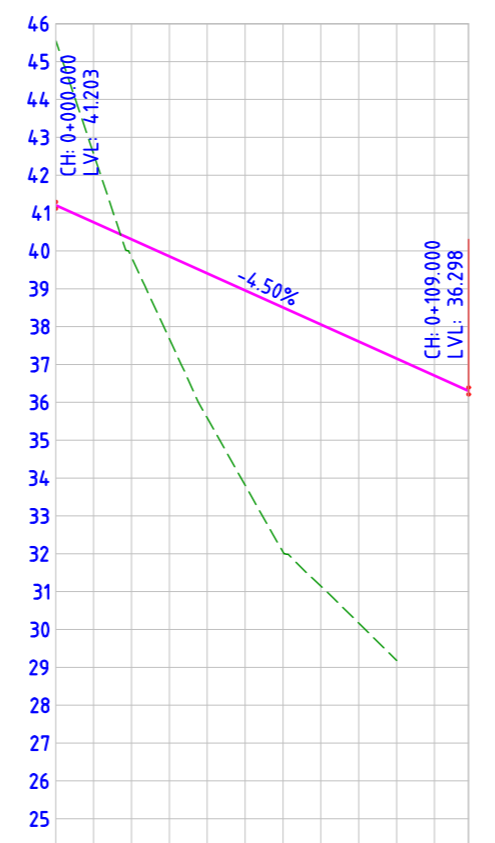
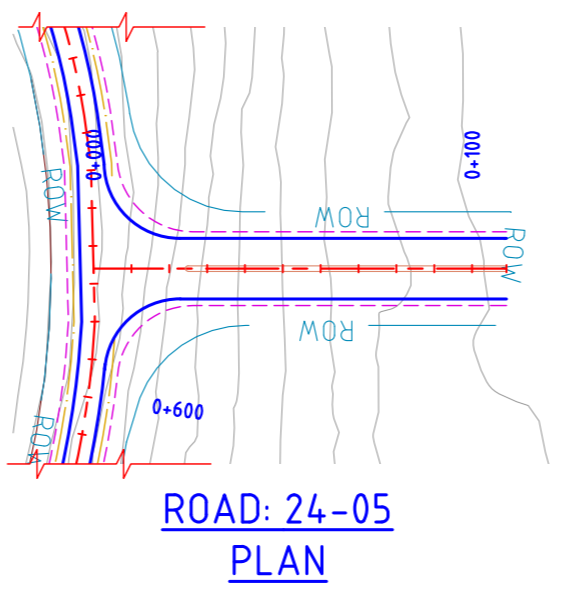
REVISIONS

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

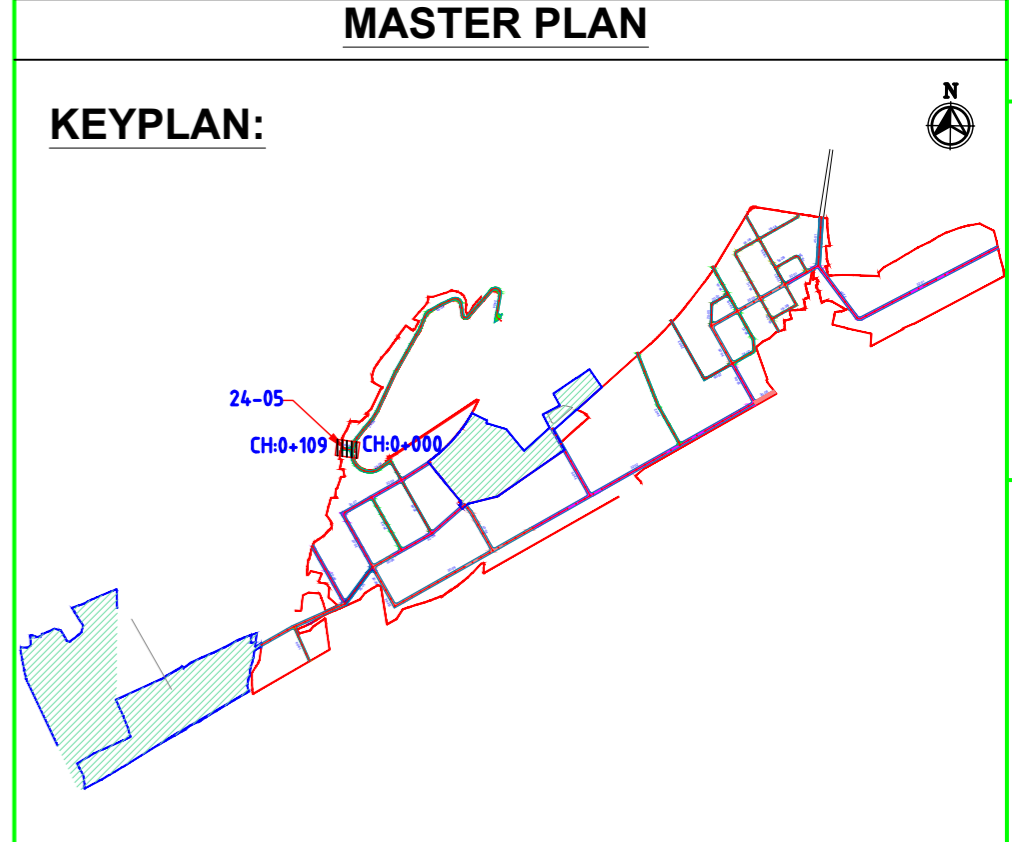
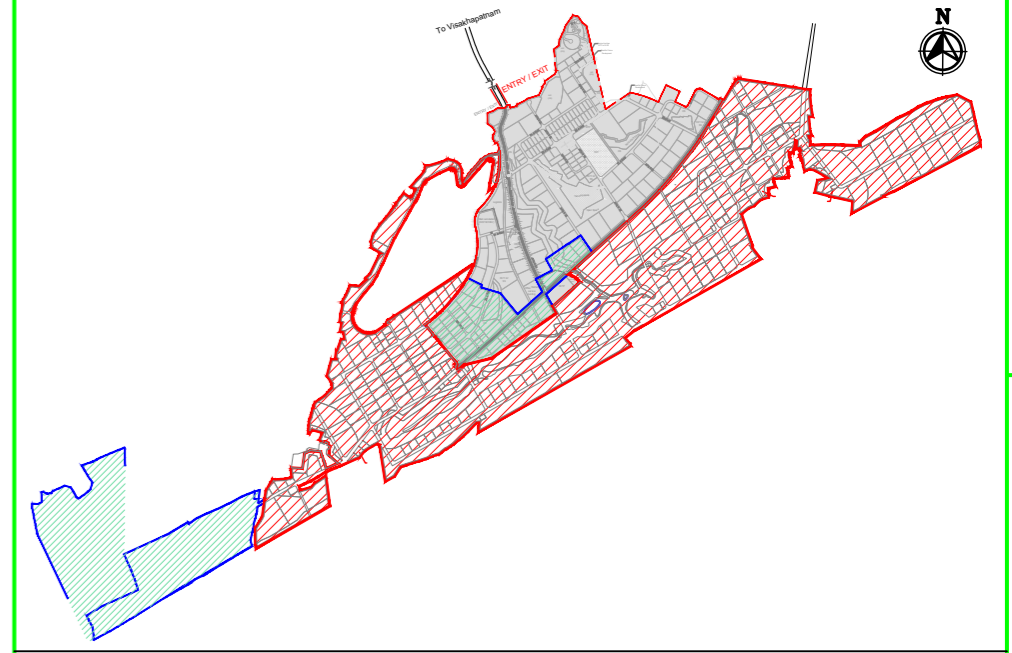
CLIENT:	ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)	PROJECT NO:	C1232704
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH	COP:	
TITLE:	ROAD: 24-04 PLAN & PROFILE FROM CH: 3+100 TO CH 3+523.193	SCALE:	HOR - 1:2000 VER - 1:200
	L&T Infrastructure Engineering Ltd.	IN CONSORTIUM WITH:	ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)
		DRAWING NO:	DDP040
		REV:	A



AUTO PATH: U:\ROADS\2023\12\32704 - DETAIL DESIGN FOR APBDA WORKING DRAWINGS\4-ROADS\BAPLAN & PROFILES\DDP040-RA-PLAN AND PROFILE-24-01 TO 24-05.DWG



FINISHED ROAD LEVELS		4.1203	4.0753	4.0303	39.853	39.403	38.953	38.503	38.053	37.603	37.153	36.703	36.298
EXISTING GROUND LEVEL		45.561	42.565	39.835	37.678	35.587	33.809	32.045	31.144	30.167	29.183	36.703	36.298
LEVEL DIFFERENCE		-4.358	-1.812	0.468	2.175	3.816	5.144	6.458	6.909	7.436	7.970	36.703	36.298
HORIZONTAL ALIGNMENT		L=109.057											
VERTICAL SCHEMATIC		G=-4.500%											
TCS TYPE		L=109.000											
DESIGN CHAINAGE		TYPE SH/1											
		TYPE-SH											



NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

- 45m ROW
- 35m ROW
- 32m ROW
- 30m ROW
- 24m ROW
- 20m ROW
- 18m ROW
- BOUNDARY
- FUTURE EXPANSION

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

FOR TENDER PURPOSE ONLY

- NOTES:**
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DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
		A	240124	2	TEMPLATE REVISED	BVN	DVM	ABSR	BRT
		0	231124	2	FOR APPROVAL	BVN	DVM	ABSR	Sd/-

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: ROAD: 24-05
PLAN & PROFILE FROM CH: 0+000 TO CH 0+109

PROJECT NO: C1232704

COP:

SCALE: HOR - 1:2000
VER - 1:200

DRAWING NO: DDP041

REV: A

Logos: L&T Infrastructure Engineering Ltd. (in consortium with) ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)

AUTO PATH: U:\ROADS\2023\ACT\232704 - DETAIL DESIGN FOR APIC\WORKING\DRAWINGS\44-ROADS\RA\PLAN & PROFILE\24-01 TO 24-05.DWG

This drawing is the property of L&T Infrastructure Engineering Ltd. and must not be passed on to any other person or body without our prior permission in writing.

LEFT CORNER OF THE DRAWING

ORIG. SIZE: A2

PATH: REFER BOTTOM

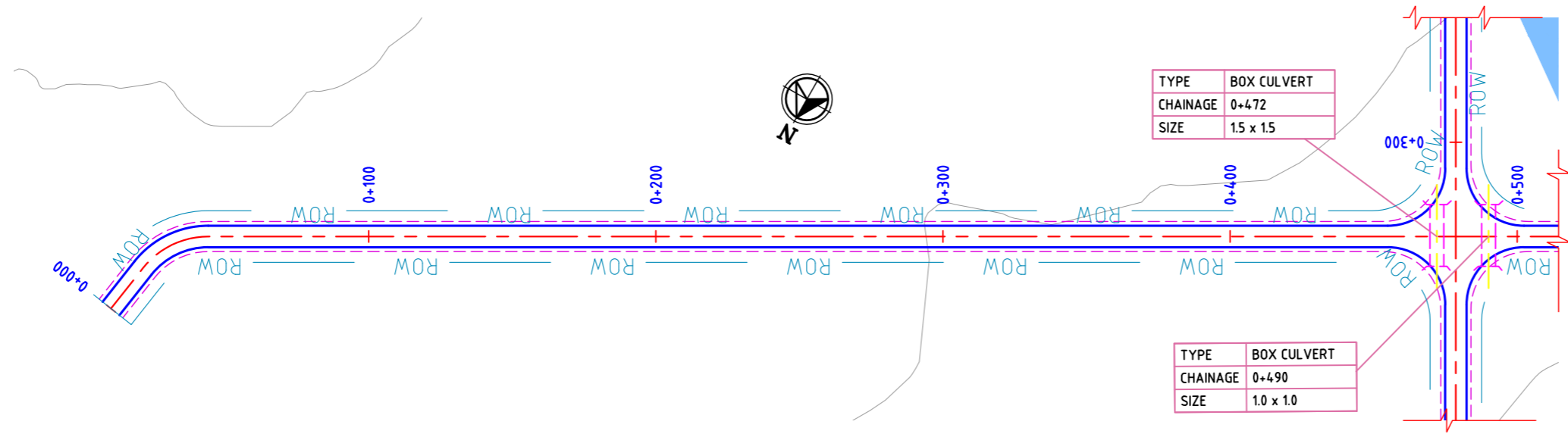
plot scale

50mm

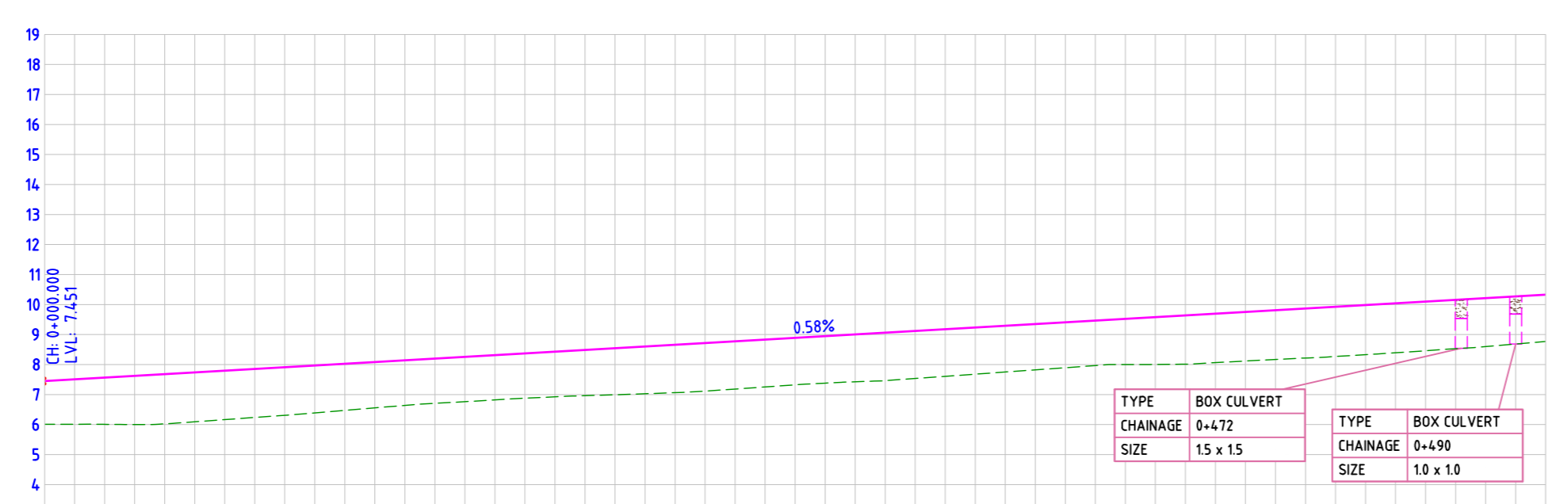
STATUS CODES

1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

TBA

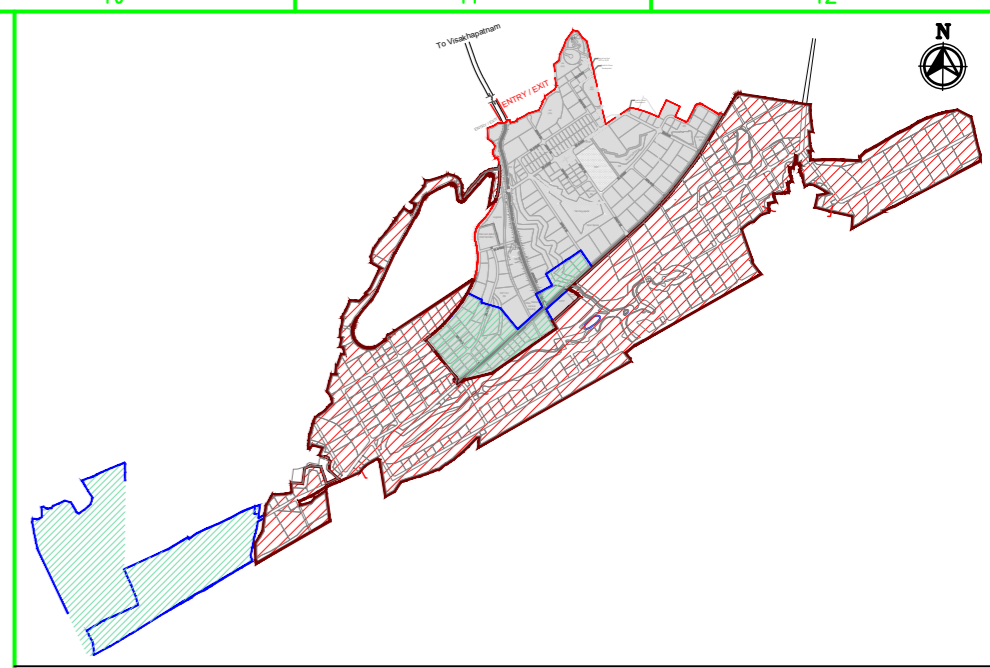


ROAD: 18-1A
PLAN

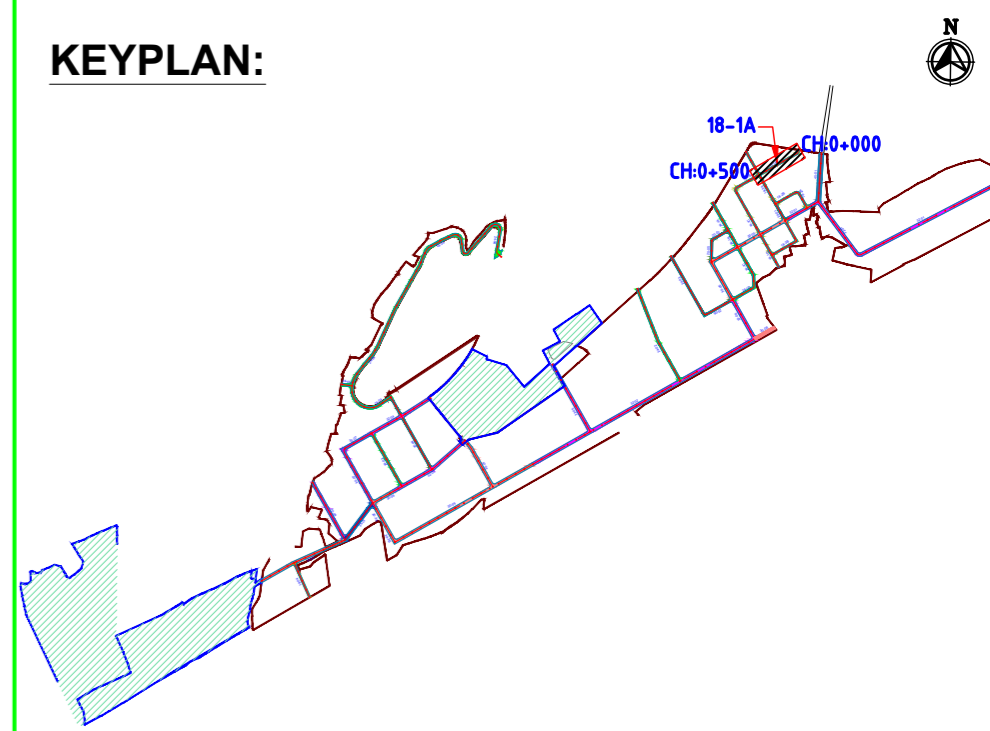


FINISHED ROAD LEVELS	EXISTING GROUND LEVEL	LEVEL DIFFERENCE	HORIZONTAL ALIGNMENT	VERTICAL SCHEMATIC	TCS TYPE	DESIGN CHAINAGE
7.151	6.009	1.142	R=29.000 =17.976 L=26.152	G=0.576%	TYPE-7A	0+000.00
7.508	6.012	1.496				0+010.00
7.566	6.009	1.557				0+020.00
7.623	6.002	1.622				0+030.00
7.681	6.024	1.656				0+040.00
7.739	6.094	1.645				0+050.00
7.796	6.165	1.631				0+060.00
7.854	6.237	1.616				0+070.00
7.911	6.309	1.602				0+080.00
7.969	6.390	1.579				0+090.00
8.026	6.474	1.553				0+100.00
8.084	6.557	1.527				0+110.00
8.142	6.640	1.502				0+120.00
8.199	6.709	1.491				0+130.00
8.257	6.762	1.494				0+140.00
8.314	6.823	1.491				0+150.00
8.372	6.879	1.493				0+160.00
8.430	6.926	1.504				0+170.00
8.487	6.963	1.524				0+180.00
8.545	6.993	1.551				0+190.00
8.602	7.028	1.575				0+200.00
8.660	7.064	1.596				0+210.00
8.718	7.116	1.601				0+220.00
8.775	7.184	1.592				0+230.00
8.833	7.254	1.579				0+240.00
8.890	7.325	1.565				0+250.00
8.948	7.381	1.567				0+260.00
9.006	7.427	1.579				0+270.00
9.063	7.465	1.598				0+280.00
9.121	7.536	1.584				0+290.00
9.178	7.608	1.570				0+300.00
9.236	7.680	1.556				0+310.00
9.293	7.752	1.542				0+320.00
9.351	7.823	1.528				0+330.00
9.409	7.895	1.513				0+340.00
9.466	7.967	1.499				0+350.00
9.524	8.000	1.524				0+360.00
9.581	8.004	1.577				0+370.00
9.639	8.013	1.626				0+380.00
9.697	8.066	1.630				0+390.00
9.754	8.118	1.636				0+400.00
9.812	8.170	1.642				0+410.00
9.869	8.219	1.651				0+420.00
9.927	8.270	1.657				0+430.00
9.985	8.329	1.655				0+440.00
10.042	8.393	1.649				0+450.00
10.100	8.458	1.641				0+460.00
10.157	8.529	1.628				0+470.00
10.215	8.598	1.617				0+480.00
10.273	8.684	1.589				0+490.00
10.330	8.769	1.561				0+500.00

ROAD: 18-1A
LONGITUDINAL PROFILE



MASTER PLAN



NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

- 45m ROW
- 35m ROW
- 32m ROW
- 30m ROW
- 24m ROW
- 20m ROW
- 18m ROW
- BOUNDARY
- FUTURE EXPANSION

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

FOR TENDER PURPOSE ONLY

- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
 - REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN.	INIT. APPROVED	SIGN.
		A	240124	2	TEMPLATE REVISED	BVN	TAM	ABS	Sd/-	BRT	Sd/-
		0	231124	2	FOR APPROVAL	BVN	TAM	ABS	Sd/-	BRT	Sd/-

REVISIONS

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: ROAD: 18-1A
PLAN & PROFILE FROM CH: 0+000 TO CH 0+500

PROJECT NO: C1232704

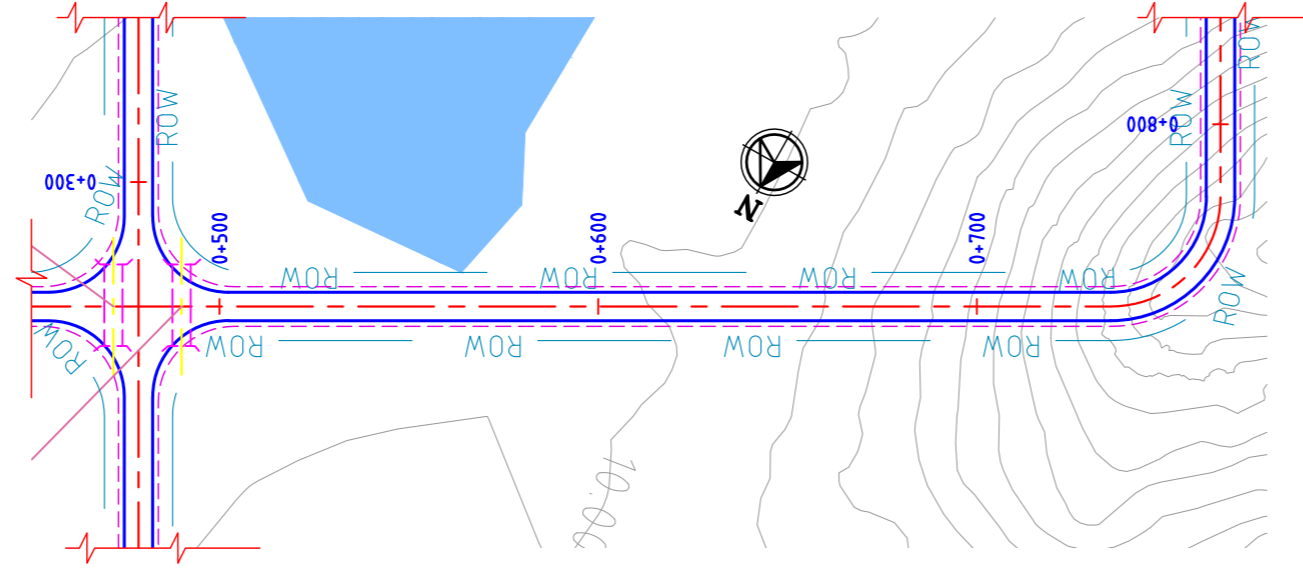
COP: SCALE: HOR - 1:2000
VER - 1:200

DRAWING NO: DDP042

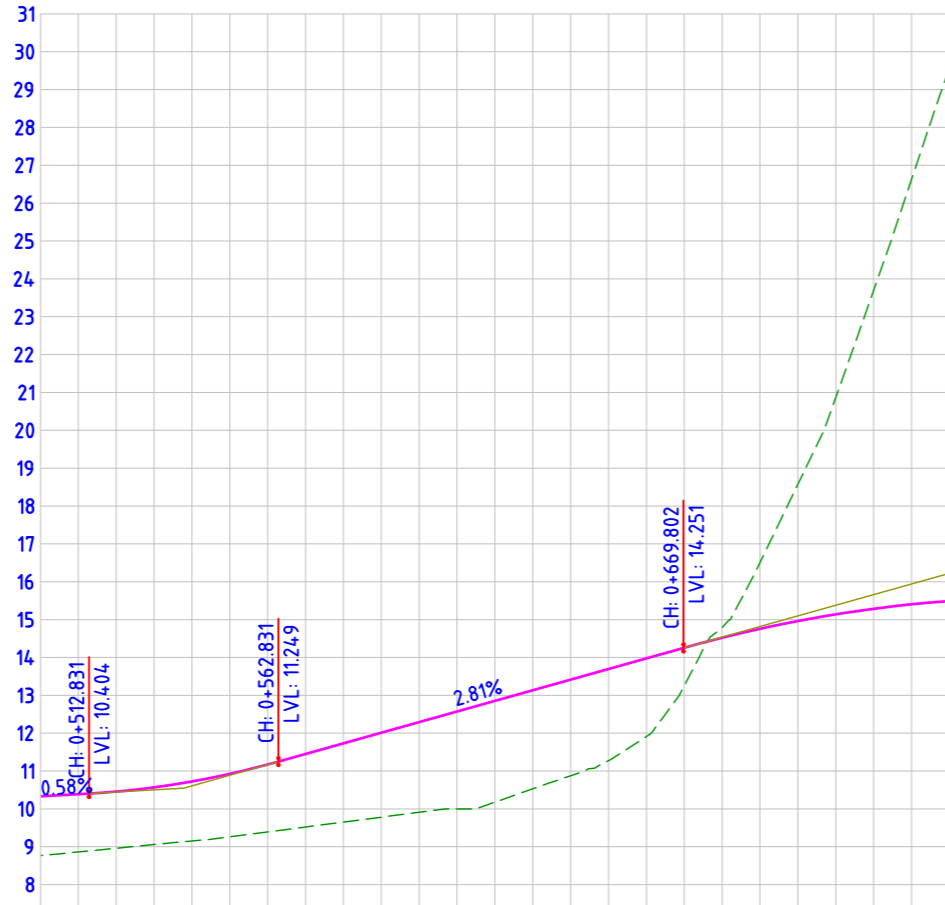
REV: A

L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)

AUTO PATH: U:\ROADS\2023\ACT\232704 - DETAIL DESIGN FOR APBDA\WORKING\DRAWINGS\44-ROADS\RA\PLAN & PROFILES\DDP042-DDP042-RA-PLAN AND PROFILE-20-01-20-06 & 18-01-10-04.DWG



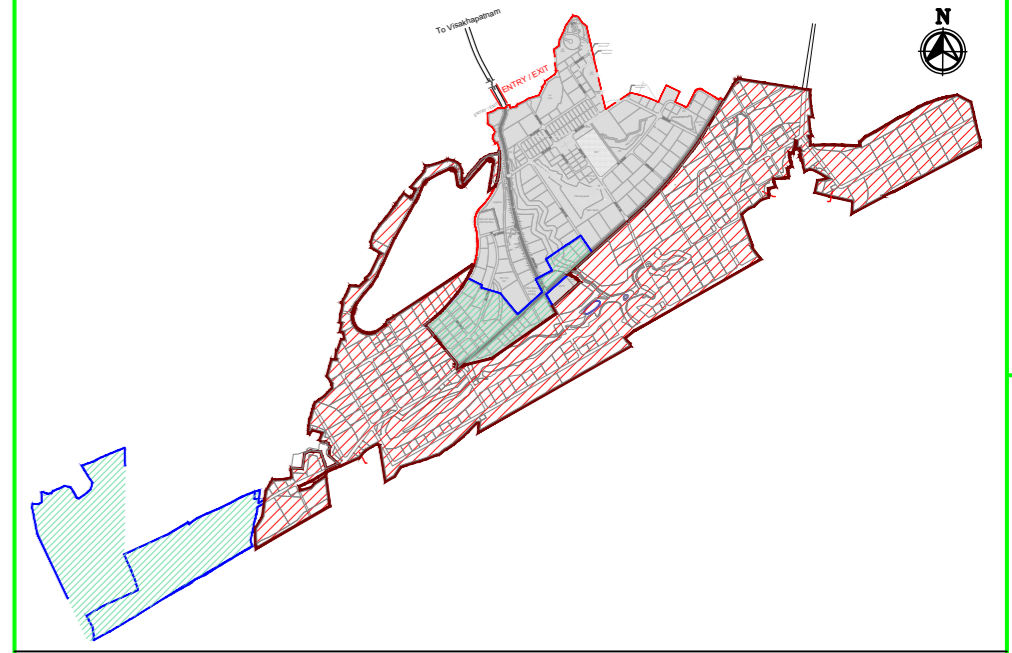
ROAD: 18-1B
PLAN



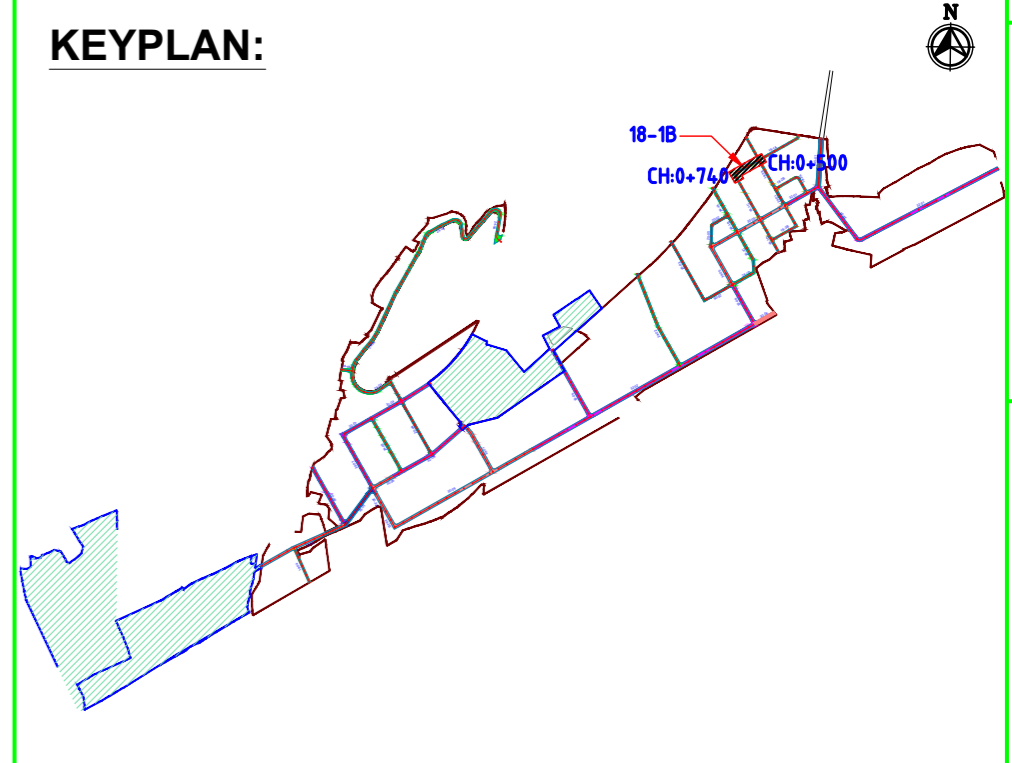
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EXISTING GROUND LEVEL	8.769, 8.862, 8.961, 9.059, 9.153, 9.262, 9.392, 9.522, 9.651, 9.781, 9.911, 10.000, 10.179, 10.334, 10.530, 10.874, 11.273, 11.913, 13.257, 14.790, 14.522, 16.506, 18.575, 20.866, 23.694, 26.623, 29.578
LEVEL DIFFERENCE	1.561, 1.526, 1.496, 1.509, 1.572, 1.664, 1.780, 1.929, 2.080, 2.230, 2.381, 2.573, 2.675, 2.604, 2.541, 2.422, 2.063, 0.999, -0.268, -1.749, -3.612, -5.727, -8.408, -11.220, -14.087
HORIZONTAL ALIGNMENT	L=235.321, R=29.000, L=45.533
VERTICAL SCHEMATIC	G=0.576%, K=22.421, L=50.000, G=2.806%, L=106.971, K=33.734, L=150.000
TCS TYPE	TYPE-7D, TYPE-7D/1
DESIGN CHAINAGE	0+500.000, 0+510.000, 0+520.000, 0+530.000, 0+540.000, 0+550.000, 0+560.000, 0+570.000, 0+580.000, 0+590.000, 0+600.000, 0+610.000, 0+620.000, 0+630.000, 0+640.000, 0+650.000, 0+660.000, 0+670.000, 0+680.000, 0+690.000, 0+700.000, 0+710.000, 0+720.000, 0+730.000, 0+740.000

ROAD: 18-1B
LONGITUDINAL PROFILE

FOR TENDER PURPOSE ONLY



MASTER PLAN



NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

	45m ROW		20m ROW
	35m ROW		18m ROW
	32m ROW		BOUNDARY
	30m ROW		FUTURE EXPANSION
	24m ROW		

PLAN LEGEND:

	CENTERLINE
	MEDIAN
	CARRIAGEWAY
	PAVED SHOULDER
	EARTHEN SHOULDER
	ROW

- NOTES:
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DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN.	INIT. APPROVED	SIGN.
		A	240124	2	TEMPLATE REVISED	BVN	TAM	ABS		BRT	
		0	231124	2	FOR APPROVAL	BVN	TAM	ABS	Sd/-	BRT	Sd/-

REVISIONS

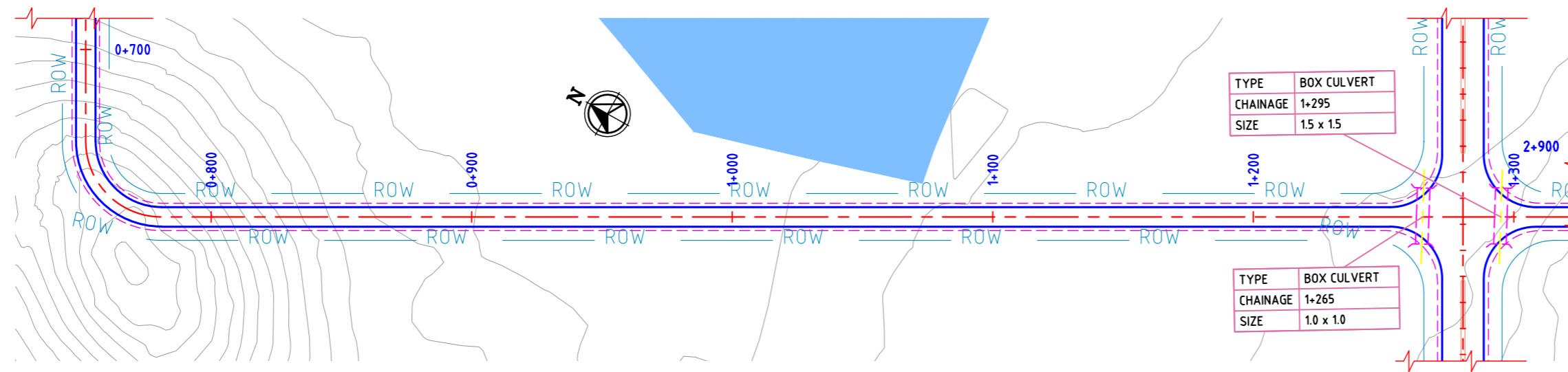
STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT:	ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH
TITLE:	ROAD: 18-1B PLAN & PROFILE FROM CH: 0+500 TO CH 0+740
PROJECT NO:	C1232704
COP:	
SCALE:	HOR - 1:2000 VER - 1:200
DRAWING NO:	DDP043
REV:	A

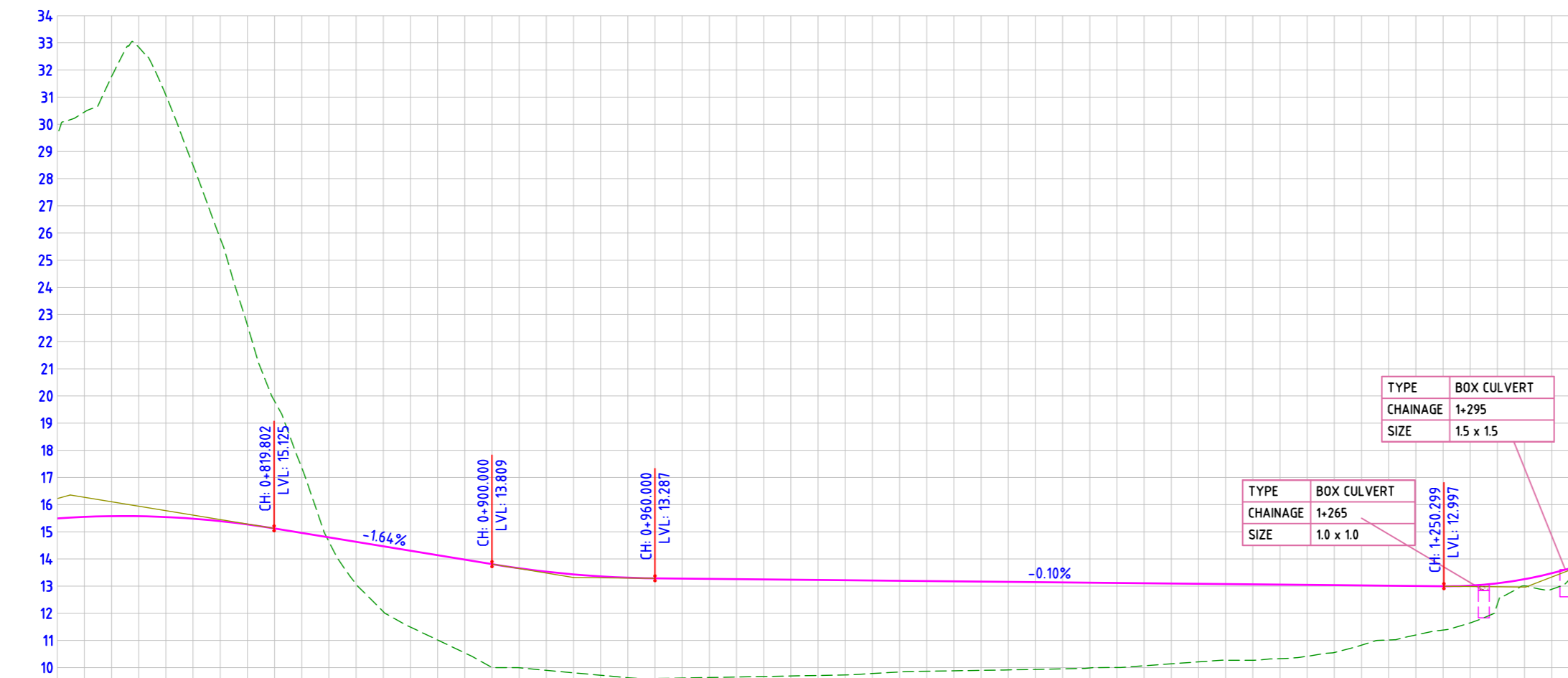
L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)



AUTO PATH: U:\ROADS\2023\ACT1232704 - DETAIL DESIGN FOR APBDA WORKING DRAWINGS\4-ROADS\RA-PLAN & PROFILE\20-01-20-06 & 18-01-18-04.DWG



ROAD: 18-1C
PLAN

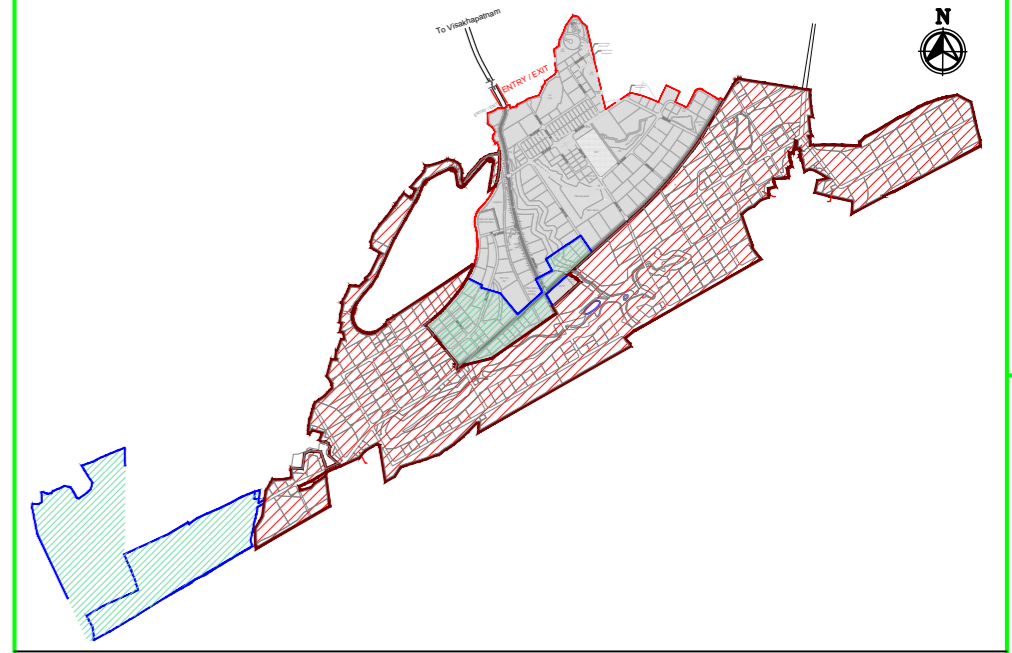


DATUM= 9.000

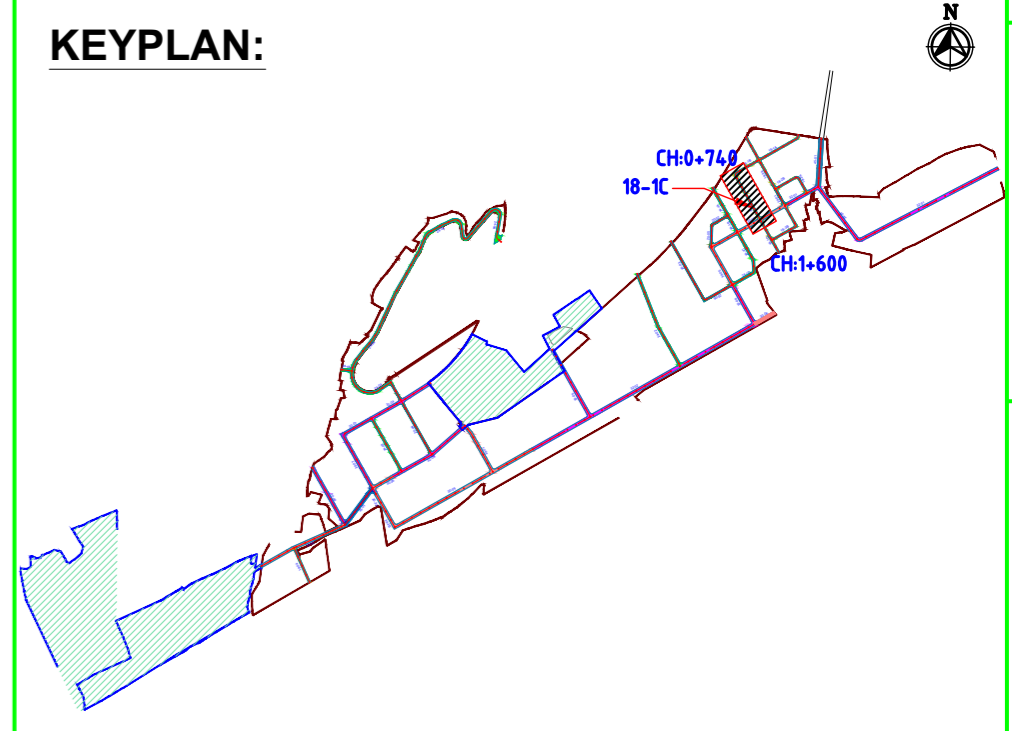
FINISHED ROAD LEVELS	15.490 15.548 15.576 15.575 15.543 15.482 15.392 15.272 14.958 14.630 14.466 14.302 13.974 13.809 13.658 13.533 13.433 13.359 13.310 13.287 13.277 13.257 13.247 13.237 13.227 13.217 13.207 13.197 13.187 13.177 13.167 13.157 13.147 13.137 13.127 13.117 13.107 13.097 13.087 13.077 13.067 13.057 13.047 13.037 13.027 13.017 13.007 12.997 13.018 13.104 13.256 13.474 13.757				
EXISTING GROUND LEVEL	29.578 30.451 31.752 32.841 31.067 28.494 25.801 22.605 19.810 14.794 13.074 11.491 10.541 10.004 9.994 9.901 9.809 9.719 9.629 9.599 9.617 9.636 9.655 9.674 9.692 9.711 9.730 9.782 9.840 9.867 9.883 9.899 9.915 9.935 9.956 9.988 9.988 10.003 10.068 10.140 10.211 10.271 10.328 10.377 10.417 10.557 10.826 11.015 11.015 11.203 11.382 11.646 12.332 13.008 13.256 13.474 13.577				
LEVEL DIFFERENCE	-14.087 -14.903 -16.175 -17.267 -15.524 -13.012 -10.410 -7.333 -4.668 -2.402 1.556 2.403 2.811 3.433 3.806 3.665 3.632 3.624 3.639 3.681 3.689 3.660 3.631 3.602 3.574 3.545 3.516 3.488 3.425 3.357 3.320 3.294 3.269 3.242 3.212 3.182 3.139 3.114 3.040 2.957 2.876 2.806 2.798 2.729 2.630 2.480 2.201 2.002 1.804 1.615 1.372 0.772 0.248 0.592 0.179				
HORIZONTAL ALIGNMENT	R= 29.000 L= 45.553	L=519.125			
VERTICAL SCHEMATIC	K=33.734 L=150.000	G=-1.641% L=80.198	K=38.947 L=60.000	G=-0.100% L=290.299	K=15.261 L=60.332
TCS TYPE	TYPE-7B/1	TYPE-7B			
DESIGN CHAINAGE	0+740.000 0+750.000 0+760.000 0+770.000 0+780.000 0+790.000 0+800.000 0+810.000 0+820.000 0+830.000 0+840.000 0+850.000 0+860.000 0+870.000 0+880.000 0+890.000 0+900.000 0+910.000 0+920.000 0+930.000 0+940.000 0+950.000 0+960.000 0+970.000 0+980.000 0+990.000 1+000.000 1+010.000 1+020.000 1+030.000 1+040.000 1+050.000 1+060.000 1+070.000 1+080.000 1+090.000 1+100.000 1+110.000 1+120.000 1+130.000 1+140.000 1+150.000 1+160.000 1+170.000 1+180.000 1+190.000 1+200.000 1+210.000 1+220.000 1+230.000 1+240.000 1+250.000 1+260.000 1+270.000 1+280.000 1+290.000 1+300.000				

ROAD: 18-1C
LONGITUDINAL PROFILE

FOR TENDER PURPOSE ONLY



MASTER PLAN



NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

45m ROW	20m ROW
35m ROW	18m ROW
32m ROW	BOUNDARY
30m ROW	FUTURE EXPANSION
24m ROW	

PLAN LEGEND:

CENTERLINE
MEDIAN
CARRIAGEWAY
PAVED SHOULDER
EARTHEN SHOULDER
ROW

- NOTES:
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 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
		0	240124	2	TEMPLATE REVISED	BVN	TAM	ABS	BRT
		1	231124	2	FOR APPROVAL	BVN	TAM	ABS	Sd/-

REVISIONS

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT:	ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH
TITLE:	ROAD: 18-1C PLAN & PROFILE FROM CH: 0+740 TO CH 1+300
PROJECT NO:	C1232704
COP:	
SCALE:	HOR - 1:2000 VER - 1:200
DRAWING NO:	DDP044
REV:	A

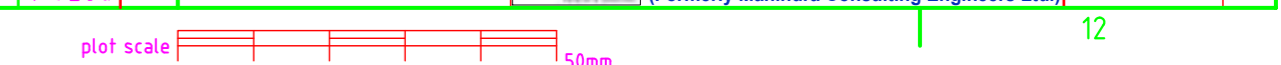
This drawing is the property of L&T Infrastructure Engineering Ltd. and must not be passed on to any other person or body without our prior permission in writing.

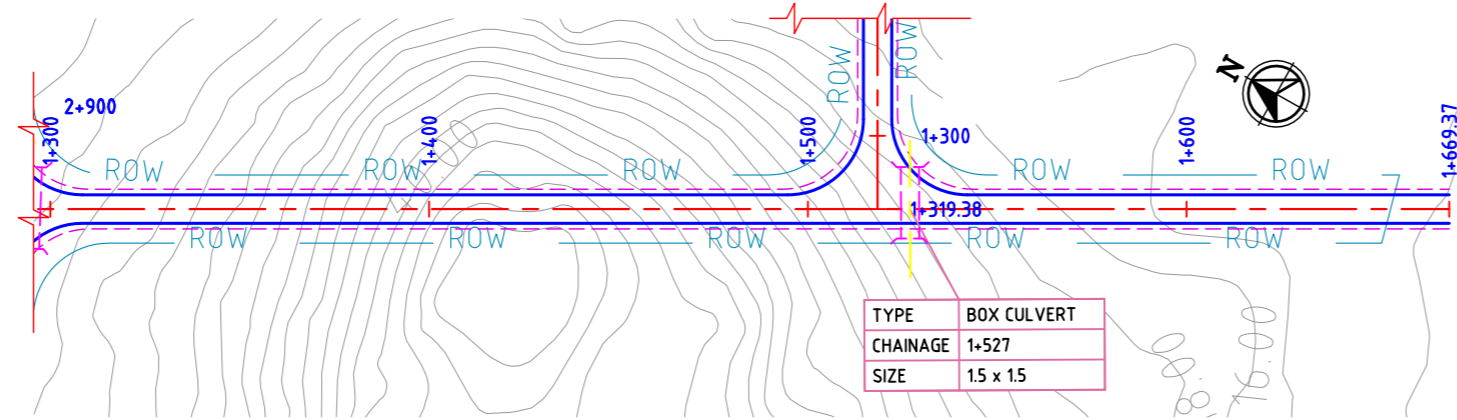
LEFT CORNER OF THE DRAWING

PATH: REFER BOTTOM

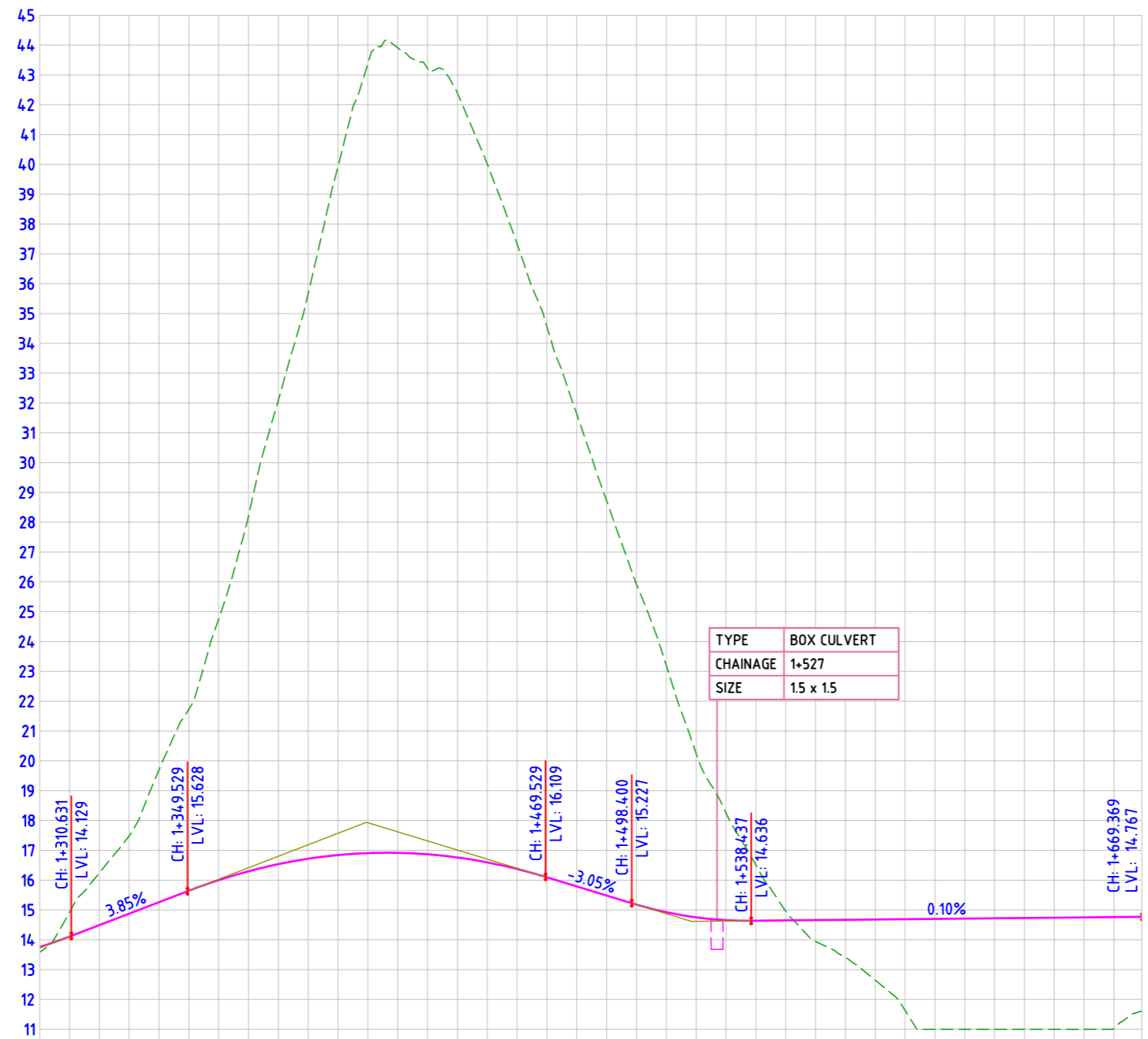
ORIG. SIZE: A2

L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)





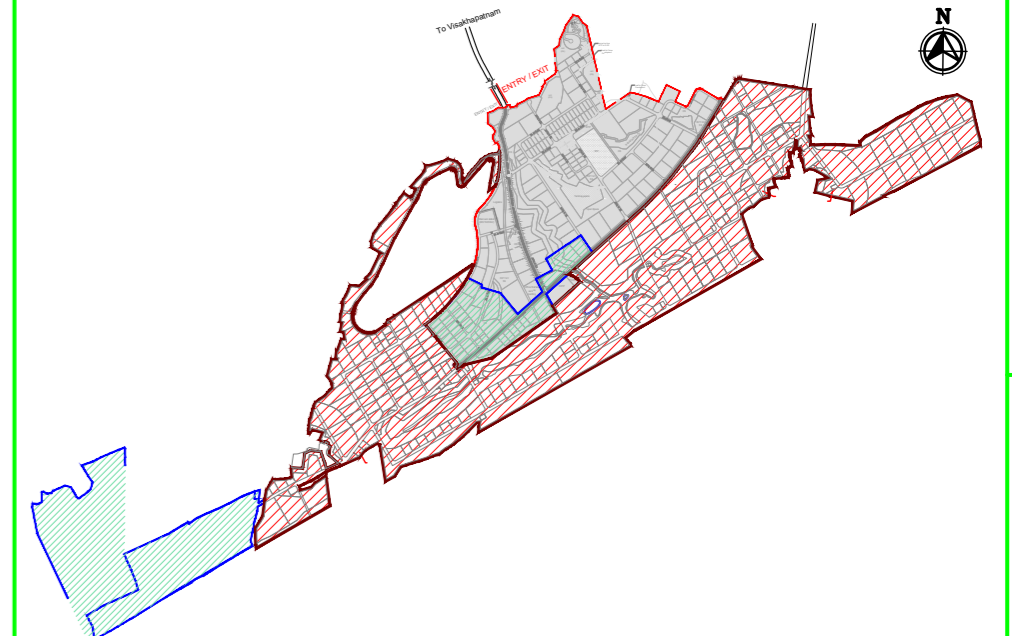
**ROAD: 18-1D
PLAN**



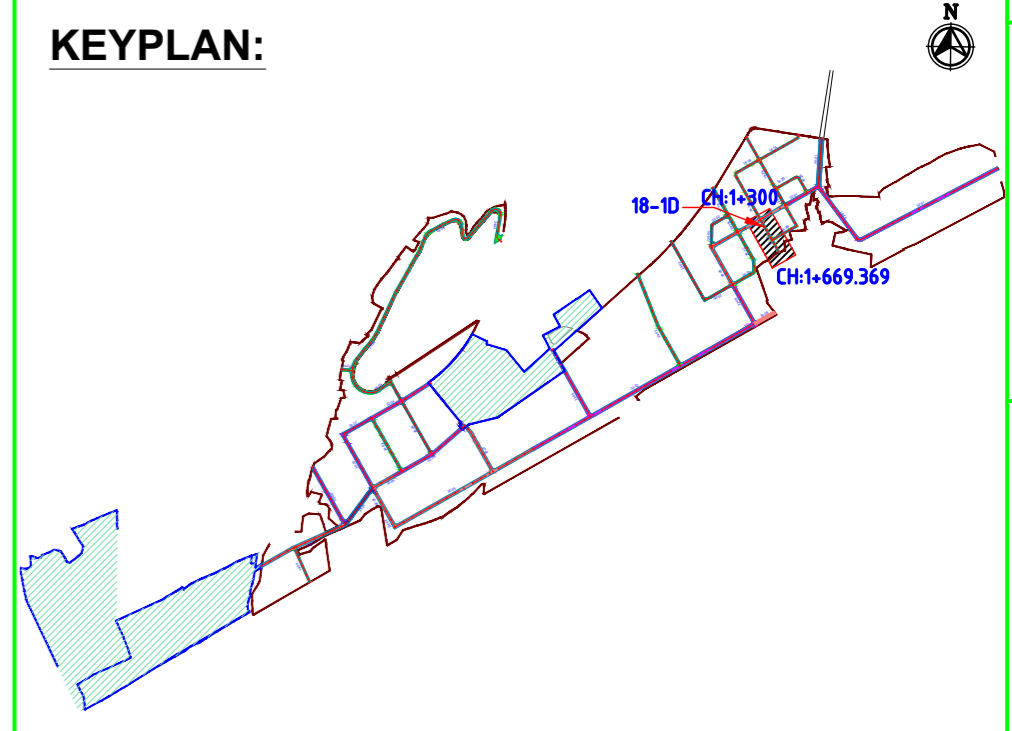
**ROAD: 18-1D
LONGITUDINAL PROFILE**

FINISHED ROAD LEVELS		13.757	14.105	14.490	14.876	15.261	15.646	16.000	16.296	16.716	16.840	16.915	16.866	16.759	16.373	16.094	15.789	15.484	14.926	14.656	14.638	14.688	14.718	14.728	14.738	14.748	14.758	14.767											
EXISTING GROUND LEVEL		13.577	14.911	16.230	17.481	19.699	21.729	24.757	28.209	35.670	39.937	43.908	43.210	42.390	37.326	34.553	31.624	28.716	23.195	20.248	18.254	16.536	14.688	11.000	10.999	11.000	11.032	11.612											
LEVEL DIFFERENCE		0.179	-0.806	-1.740	-2.605	-4.438	-6.083	-8.757	-11.913	-15.556	-18.953	-23.097	-26.993	-25.630	-23.420	-18.459	-15.836	-13.232	-8.269	-5.497	-3.599	-1.871	-0.310	0.716	1.246	2.033	3.056	3.698											
HORIZONTAL ALIGNMENT		L=369.369																																					
VERTICAL SCHEMATIC		K=15.261 L=60.332		G=3.853%				K=17.376 L=120.000				G=-3.053%				K=12.699 L=40.037		G=0.100%																					
TCS TYPE		TYPE-7C/1													TYPE-7C																								
DESIGN CHAINAGE		1+300.00	1+310.00	1+320.00	1+330.00	1+340.00	1+350.00	1+360.00	1+370.00	1+380.00	1+390.00	1+400.00	1+410.00	1+420.00	1+430.00	1+440.00	1+450.00	1+460.00	1+470.00	1+480.00	1+490.00	1+500.00	1+510.00	1+520.00	1+530.00	1+540.00	1+550.00	1+560.00	1+570.00	1+580.00	1+590.00	1+600.00	1+610.00	1+620.00	1+630.00	1+640.00	1+650.00	1+660.00	1+669.369

FOR TENDER PURPOSE ONLY



MASTER PLAN



KEYPLAN:

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

	45m ROW		20m ROW
	35m ROW		18m ROW
	32m ROW		BOUNDARY
	30m ROW		FUTURE EXPANSION
	24m ROW		

PLAN LEGEND:

	CENTERLINE
	MEDIAN
	CARRIAGEWAY
	PAVED SHOULDER
	EARTHEN SHOULDER
	ROW

- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
 - REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN.	INIT. APPROVED	SIGN.
		A	240124	2	TEMPLATE REVISED	BVN	TAM	ABS	BRT		
		0	231124	2	FOR APPROVAL	BVN	TAM	ABS	Sd/-	BRT	Sd/-

REVISIONS

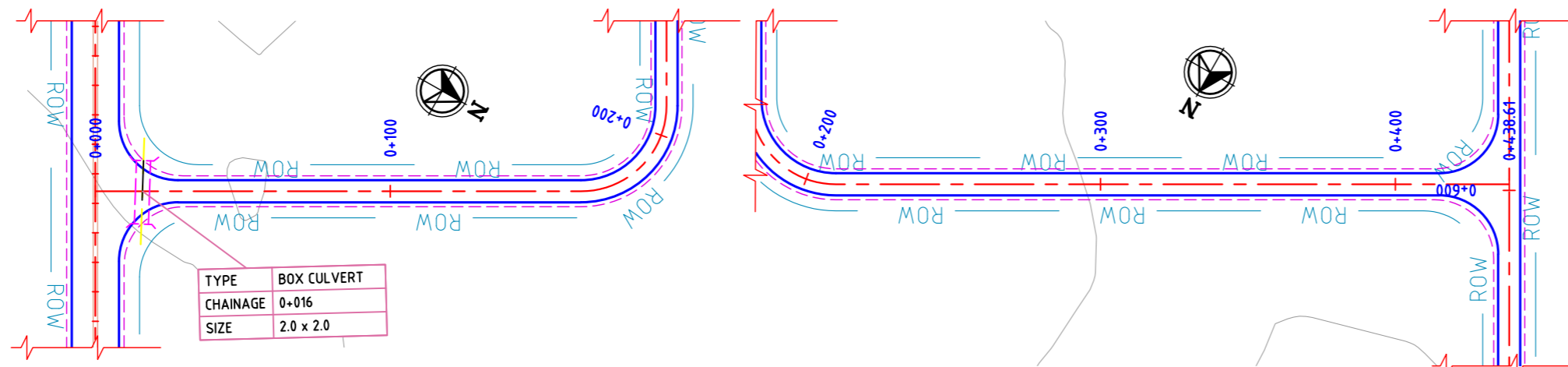
STATUS CODES: 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT:	ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)	PROJECT NO:	C1232704
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH	COP:	
TITLE:	ROAD: 18-1D PLAN & PROFILE FROM CH: 1+300 TO CH: 1+669.369	SCALE:	HOR - 1:2000 VER - 1:200
		DRAWING NO:	DDP045
		REV:	A

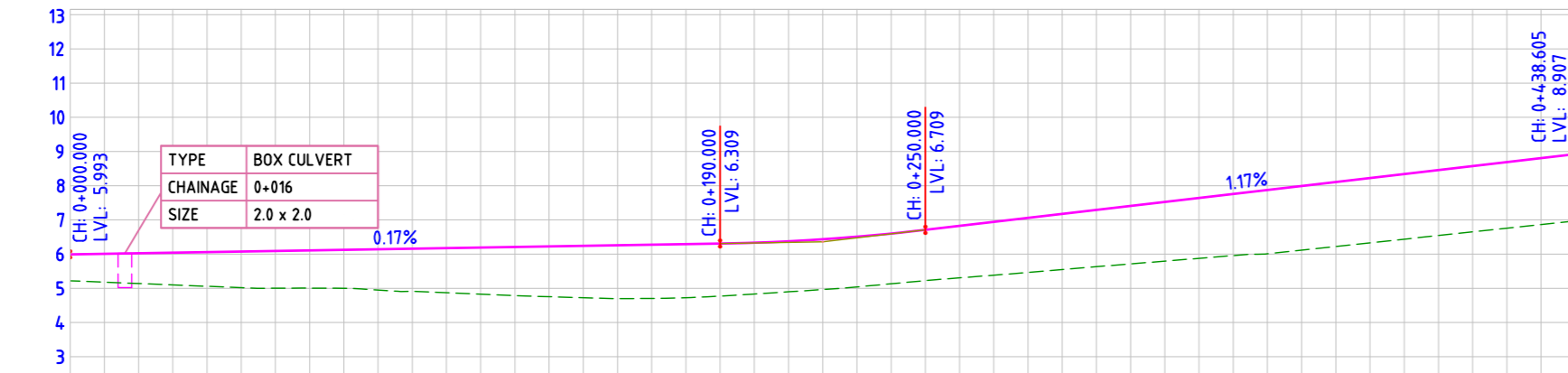
plot scale

L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH **ARTELIA Consulting Engineers Ltd.** (Formerly Mahindra Consulting Engineers Ltd.)

AUTO PATH: U:\ROADS\2023\ACT\232704 - DETAIL DESIGN FOR APIC\WORKING\DRAWINGS\4-ROADS\RA-PLAN & PROFILES\DDP045-RA-PLAN AND PROFILE - 20-01-20-06 & 18-01-20-04.DWG

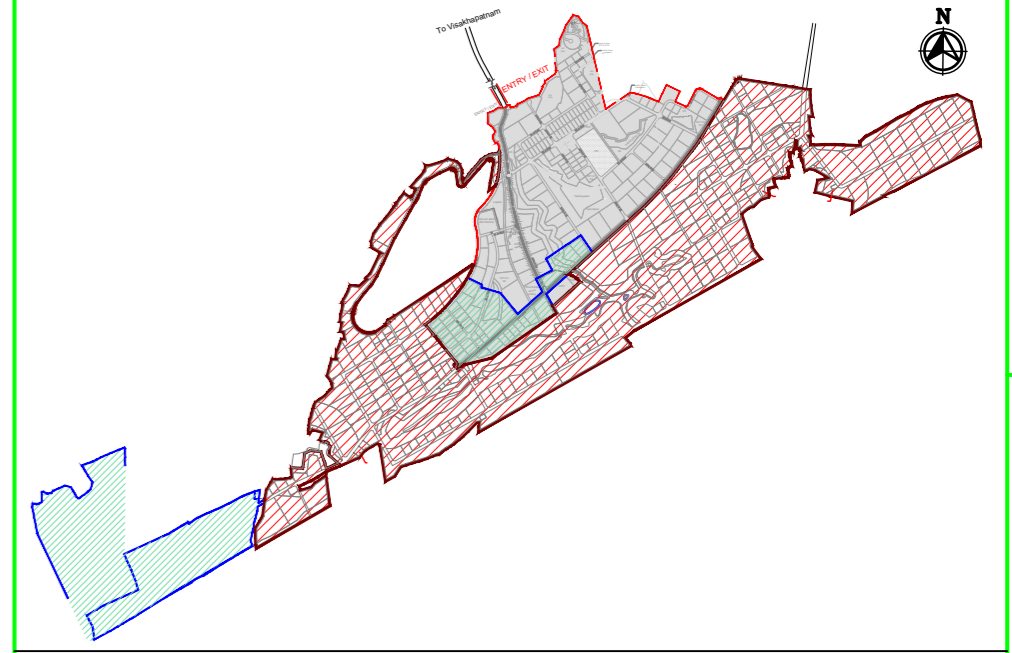


**ROAD: 18-2A & 2B
PLAN**

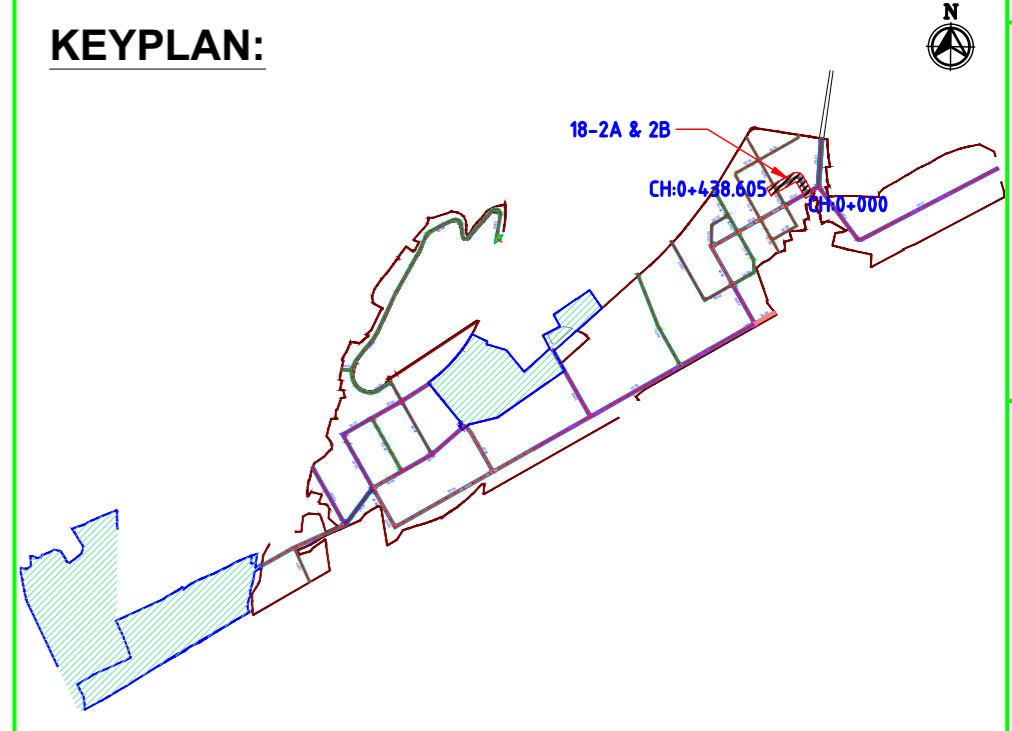


FINISHED ROAD LEVELS	
CH: 0+000.000	LVL: 5.993
CH: 0+010.000	LVL: 6.010
CH: 0+020.000	LVL: 6.026
CH: 0+030.000	LVL: 6.043
CH: 0+040.000	LVL: 6.060
CH: 0+050.000	LVL: 6.076
CH: 0+060.000	LVL: 6.093
CH: 0+070.000	LVL: 6.109
CH: 0+080.000	LVL: 6.126
CH: 0+090.000	LVL: 6.143
CH: 0+100.000	LVL: 6.159
CH: 0+110.000	LVL: 6.176
CH: 0+120.000	LVL: 6.193
CH: 0+130.000	LVL: 6.209
CH: 0+140.000	LVL: 6.226
CH: 0+150.000	LVL: 6.243
CH: 0+160.000	LVL: 6.259
CH: 0+170.000	LVL: 6.276
CH: 0+180.000	LVL: 6.292
CH: 0+190.000	LVL: 6.309
CH: 0+200.000	LVL: 6.334
CH: 0+210.000	LVL: 6.376
CH: 0+220.000	LVL: 6.434
CH: 0+230.000	LVL: 6.509
CH: 0+240.000	LVL: 6.600
CH: 0+250.000	LVL: 6.709
CH: 0+260.000	LVL: 6.825
CH: 0+270.000	LVL: 6.942
CH: 0+280.000	LVL: 7.058
CH: 0+290.000	LVL: 7.175
CH: 0+300.000	LVL: 7.291
CH: 0+310.000	LVL: 7.408
CH: 0+320.000	LVL: 7.525
CH: 0+330.000	LVL: 7.641
CH: 0+340.000	LVL: 7.758
CH: 0+350.000	LVL: 7.874
CH: 0+360.000	LVL: 7.991
CH: 0+370.000	LVL: 8.107
CH: 0+380.000	LVL: 8.224
CH: 0+390.000	LVL: 8.340
CH: 0+400.000	LVL: 8.457
CH: 0+410.000	LVL: 8.574
CH: 0+420.000	LVL: 8.690
CH: 0+430.000	LVL: 8.807
CH: 0+438.605	LVL: 8.924

**ROAD: 18-2A & 2B
LONGITUDINAL PROFILE**



MASTER PLAN



KEYPLAN:

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

	45m ROW		20m ROW
	35m ROW		18m ROW
	32m ROW		BOUNDARY
	30m ROW		FUTURE EXPANSION
	24m ROW		

PLAN LEGEND:

	CENTERLINE
	MEDIAN
	CARRIAGEWAY
	PAVED SHOULDER
	EARTHEN SHOULDER
	ROW

FOR TENDER PURPOSE ONLY

- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
 - REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
		A	240124	2	TEMPLATE REVISED	BVN	TAM	ABS	BRT
		0	231124	2	FOR APPROVAL	BVN	TAM	ABS	Sd/-

REVISIONS

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT:	ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)	PROJECT NO:	C1232704
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH	COP:	
TITLE:	ROAD: 18-2A & 2B PLAN & PROFILE FROM CH: 0+000 TO CH 0+438.605	SCALE:	HOR - 1:2000 VER - 1:200
DRAWING NO:	DDP046	REV:	A

AUTO PATH: U:\ROADS\2023\CT132704 - DETAIL DESIGN FOR APBDA\WORKING\DRAWINGS\44-ROADS\RA\PLAN & PROFILES\DDP046-PLAN AND PROFILE-20-01-20-06 & 18-01-20-04.DWG

This drawing is the property of L&T Infrastructure Engineering Ltd. and must not be passed on to any other person or body without our prior permission in writing.

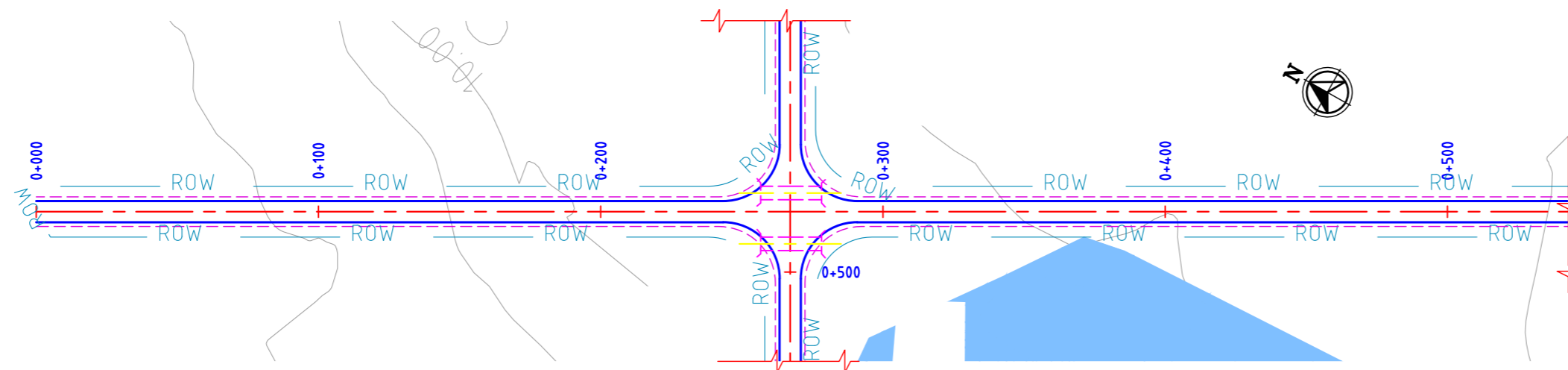
PATH: REFER BOTTOM LEFT CORNER OF THE DRAWING

ORIG. SIZE: A2

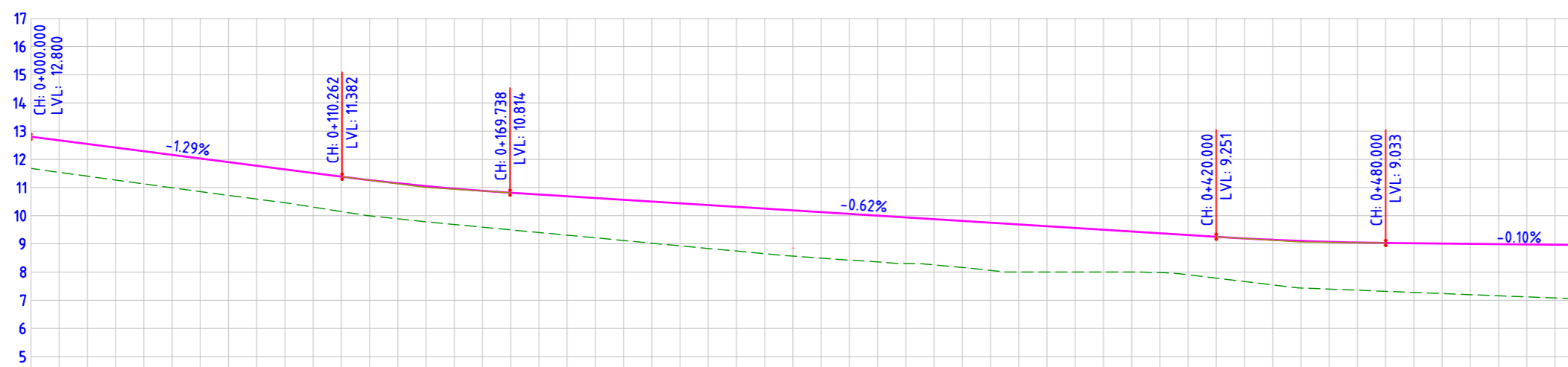
plot scale



TBA



**ROAD: 18-3A
PLAN**



FINISHED ROAD LEVELS	EXISTING GROUND LEVEL	LEVEL DIFFERENCE	HORIZONTAL ALIGNMENT	VERTICAL SCHEMATIC	TCS TYPE	DESIGN CHAINAGE
12.800	11.676	1.124	L=550.00	G=-1.286% L=110.262	TYPE-7E	0+000.00
12.671	11.539	1.133				0+010.00
12.543	11.402	1.141				0+020.00
12.414	11.265	1.149				0+030.00
12.286	11.128	1.158				0+040.00
12.157	10.991	1.166				0+050.00
12.029	10.854	1.174				0+060.00
11.900	10.718	1.182				0+070.00
11.771	10.589	1.182				0+080.00
11.643	10.461	1.182				0+090.00
11.514	10.303	1.211				0+100.00
11.386	10.146	1.239				0+110.00
11.262	9.994	1.269				0+120.00
11.150	9.887	1.263				0+130.00
11.049	9.783	1.266				0+140.00
10.959	9.687	1.272				0+150.00
10.880	9.591	1.289				0+160.00
10.813	9.496	1.317				0+170.00
10.750	9.401	1.349				0+180.00
10.688	9.309	1.379				0+190.00
10.625	9.215	1.410				0+200.00
10.563	9.119	1.444				0+210.00
10.500	9.024	1.476				0+220.00
10.438	8.930	1.508				0+230.00
10.375	8.835	1.540				0+240.00
10.313	8.748	1.565				0+250.00
10.250	8.650	1.601				0+260.00
10.188	8.565	1.623				0+270.00
10.125	8.493	1.633				0+280.00
10.063	8.423	1.639				0+290.00
10.000	8.360	1.640				0+300.00
9.938	8.302	1.636				0+310.00
9.875	8.254	1.622				0+320.00
9.813	8.163	1.650				0+330.00
9.751	8.057	1.694				0+340.00
9.688	8.000	1.688				0+350.00
9.626	8.000	1.626				0+360.00
9.563	8.000	1.563				0+370.00
9.501	8.000	1.501				0+380.00
9.438	8.000	1.438				0+390.00
9.376	7.981	1.395				0+400.00
9.313	7.904	1.409				0+410.00
9.251	7.784	1.467				0+420.00
9.193	7.664	1.529				0+430.00
9.143	7.544	1.599				0+440.00
9.102	7.435	1.668				0+450.00
9.070	7.395	1.675				0+460.00
9.047	7.356	1.692				0+470.00
9.033	7.316	1.716				0+480.00
9.022	7.277	1.746				0+490.00
9.012	7.237	1.775				0+500.00
9.002	7.198	1.804				0+510.00
8.991	7.158	1.833				0+520.00
8.981	7.119	1.862				0+530.00
8.971	7.080	1.891				0+540.00
8.961	7.041	1.920				0+550.00

**ROAD: 18-3A
LONGITUDINAL PROFILE**

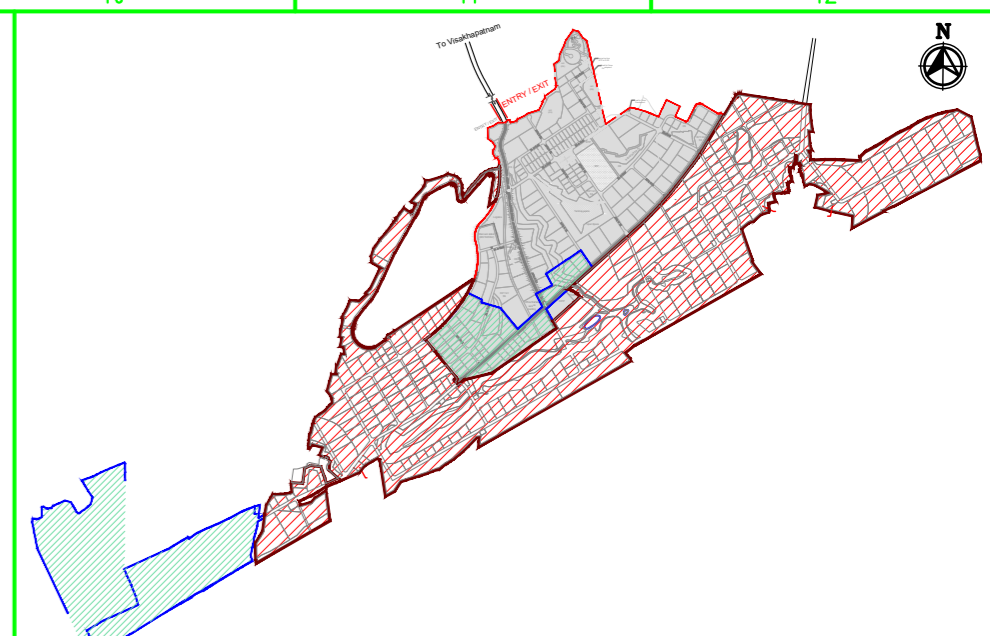
FOR TENDER PURPOSE ONLY

- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
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 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

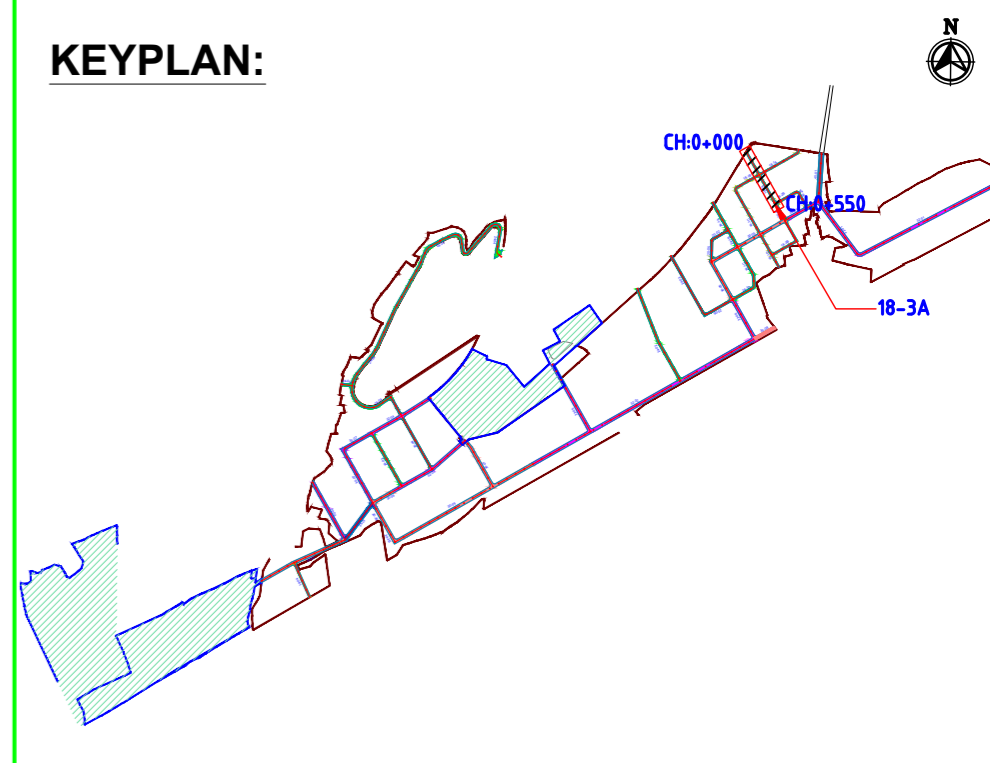
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		A	240124	2	TEMPLATE REVISED	BVN	TAM	ABS		BRT			
		0	231124	2	FOR APPROVAL	BVN	TAM	ABS	Sd/-	BRT	Sd/-		

REVISED DRAWINGS				REVISIONS			
DRAWING NO.				TITLE			
1. PRELIMINARY		2. FOR APPROVAL		3. GOOD FOR CONSTRUCTION		4.	

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MASTER PLAN



NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

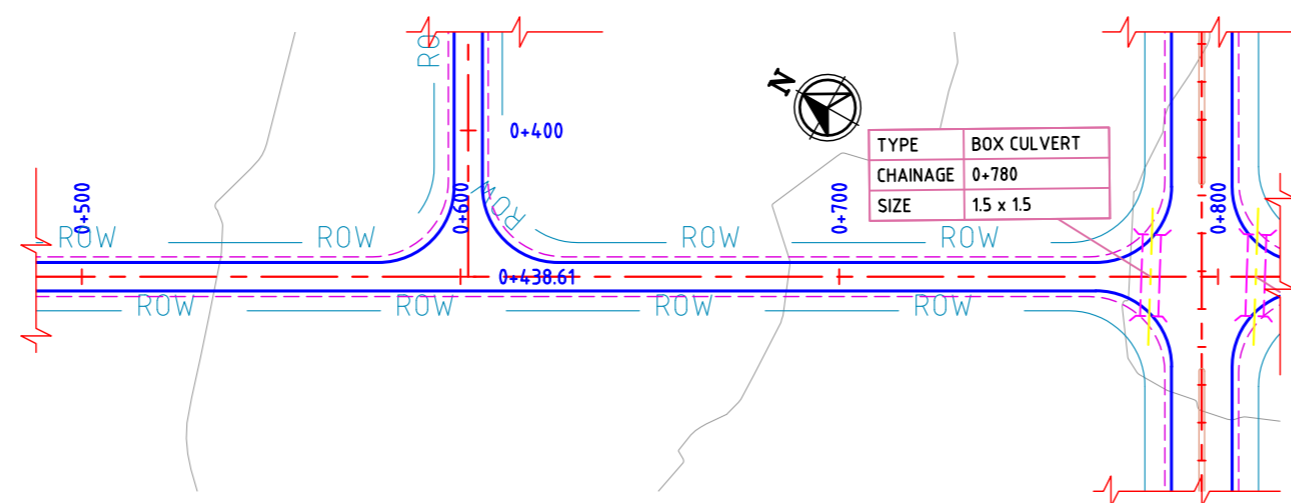
- 45m ROW
- 35m ROW
- 32m ROW
- 30m ROW
- 24m ROW
- 20m ROW
- 18m ROW
- BOUNDARY
- FUTURE EXPANSION

PLAN LEGEND:

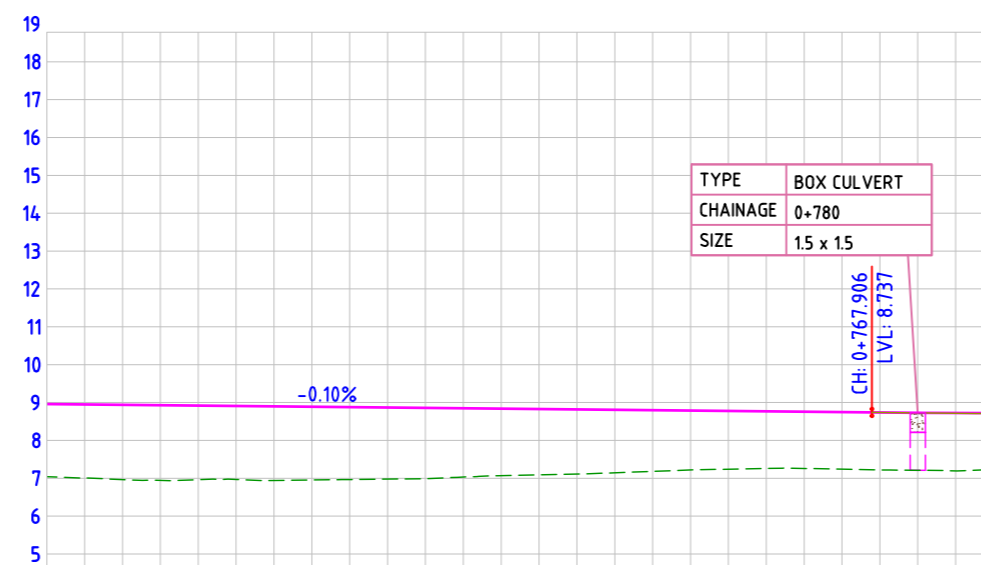
- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)	PROJECT NO: C1232704
PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH	COP:
TITLE: ROAD: 18-3A PLAN & PROFILE FROM CH: 0+000 TO CH 0+550	SCALE: HOR - 1:2000 VER - 1:200
	DRAWING NO: DDP047 REV: A

plot scale: 1:50m



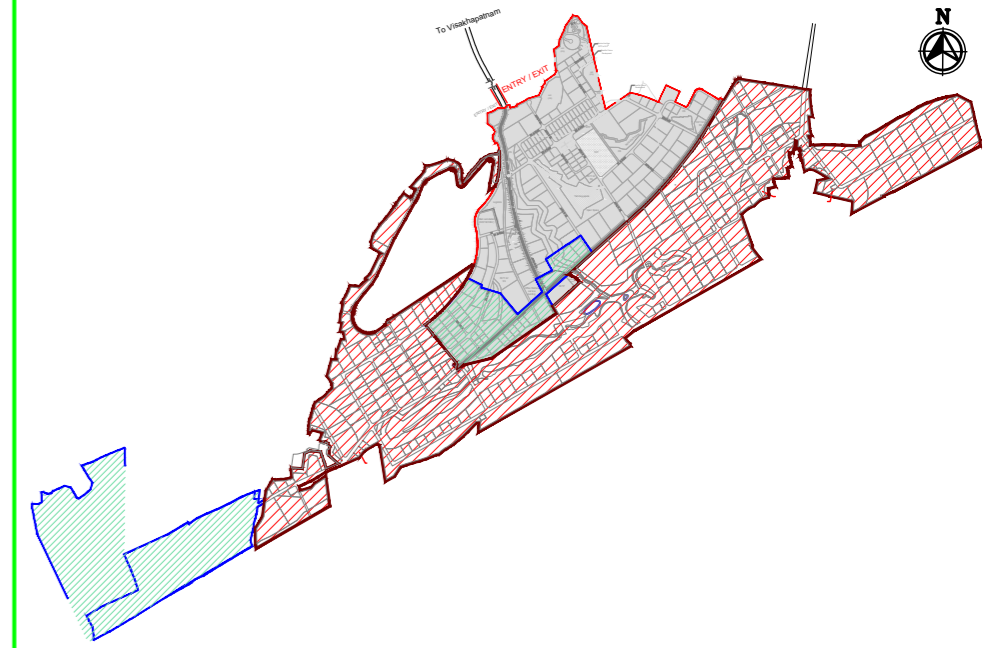
ROAD: 20-01
PLAN



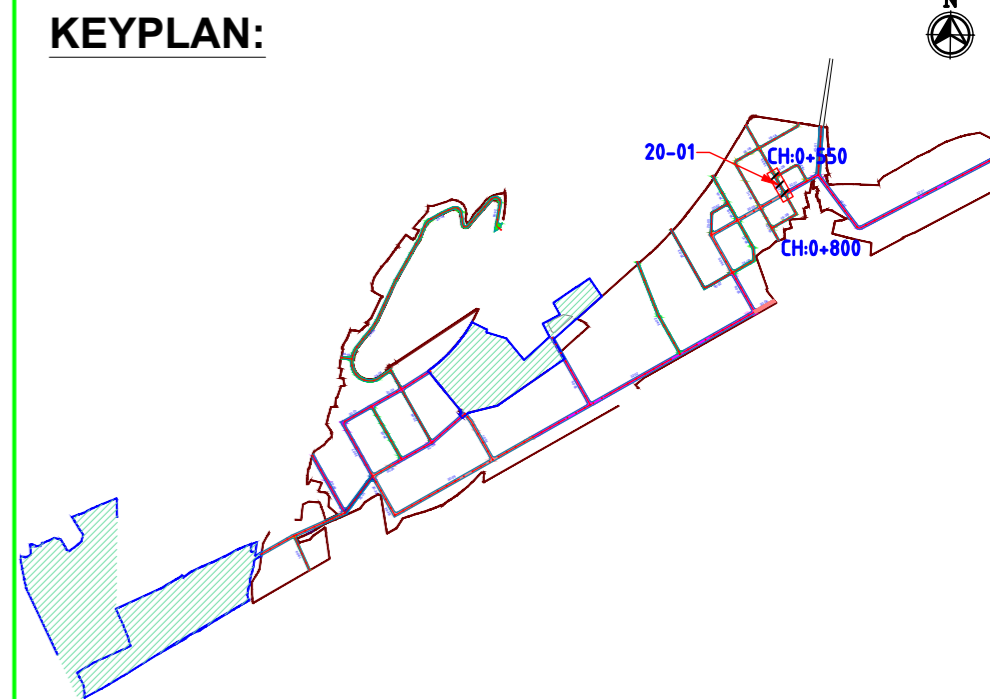
DATUM= 4.000	
FINISHED ROAD LEVELS	8.961 8.950 8.940 8.930 8.920 8.909 8.899 8.889 8.879 8.868 8.858 8.848 8.838 8.827 8.817 8.807 8.797 8.786 8.776 8.766 8.755 8.745 8.735 8.727 8.723
EXISTING GROUND LEVEL	7.041 7.008 6.964 6.940 6.930 6.920 6.911 6.899 6.889 6.879 6.868 6.858 6.848 6.838 6.827 6.817 6.807 6.797 6.786 6.776 6.766 6.755 6.745 6.735 6.727 6.723
LEVEL DIFFERENCE	1.920 1.943 1.976 1.987 1.958 1.964 1.944 1.958 1.936 1.936 1.914 1.892 1.870 1.816 1.768 1.739 1.707 1.663 1.615 1.567 1.537 1.508 1.497 1.505 1.514 1.517 1.530 1.493 1.493
HORIZONTAL ALIGNMENT	L=250.00
VERTICAL SCHEMATIC	G=-0.103% L=287.906 K=269.393 L=55.629
TCS TYPE	TYPE-6A
DESIGN CHAINAGE	0+550.00 0+560.00 0+570.00 0+580.00 0+590.00 0+600.00 0+610.00 0+620.00 0+630.00 0+640.00 0+650.00 0+660.00 0+670.00 0+680.00 0+690.00 0+700.00 0+710.00 0+720.00 0+730.00 0+740.00 0+750.00 0+760.00 0+770.00 0+780.00 0+790.00 0+800.00

ROAD: 20-01
LONGITUDINAL PROFILE

FOR TENDER PURPOSE ONLY



MASTER PLAN



NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

45m ROW	20m ROW
35m ROW	18m ROW
32m ROW	BOUNDARY
30m ROW	FUTURE EXPANSION
24m ROW	

PLAN LEGEND:

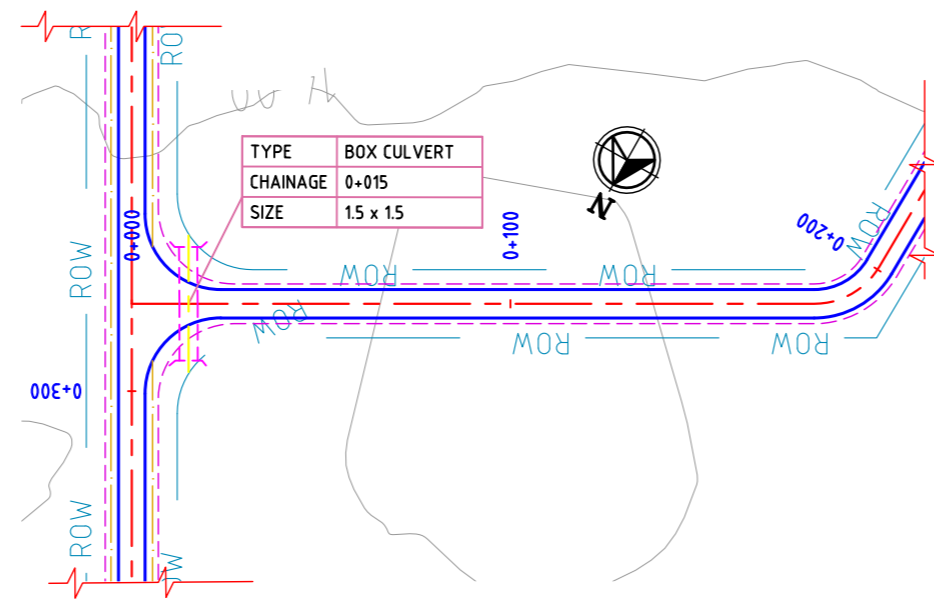
CENTERLINE
MEDIAN
CARRIAGEWAY
PAVED SHOULDER
EARTHEN SHOULDER
ROW

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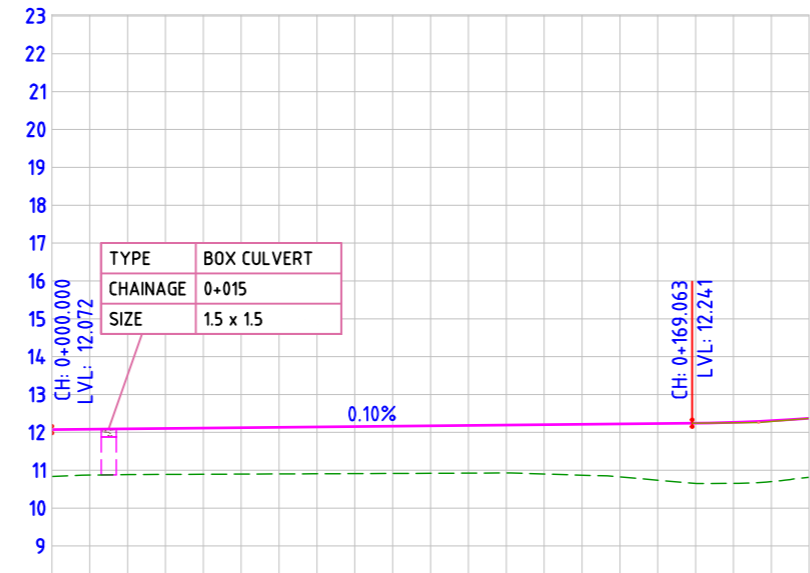
DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
		A	240124	2	TEMPLATE REVISED	BVN	TAM	ABSR	BRT
		0	231124	2	FOR APPROVAL	BVN	TAM	ABSR	Sd/-

CLIENT:	ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)	PROJECT NO:	C1232704
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH	COP:	
TITLE:	ROAD: 20-01 PLAN & PROFILE FROM CH: 0+550 TO CH 0+800	SCALE:	HOR - 1:2000 VER - 1:200
	L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH: ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)	DRAWING NO:	DDP048
		REV:	A

plot scale 50m

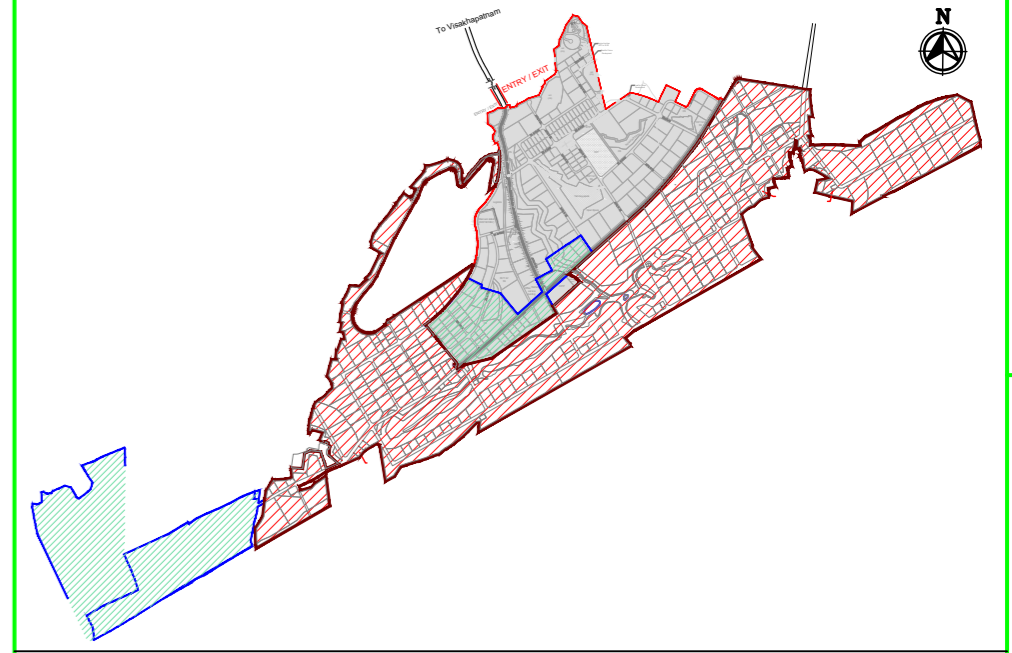


**ROAD: 20-02
PLAN**

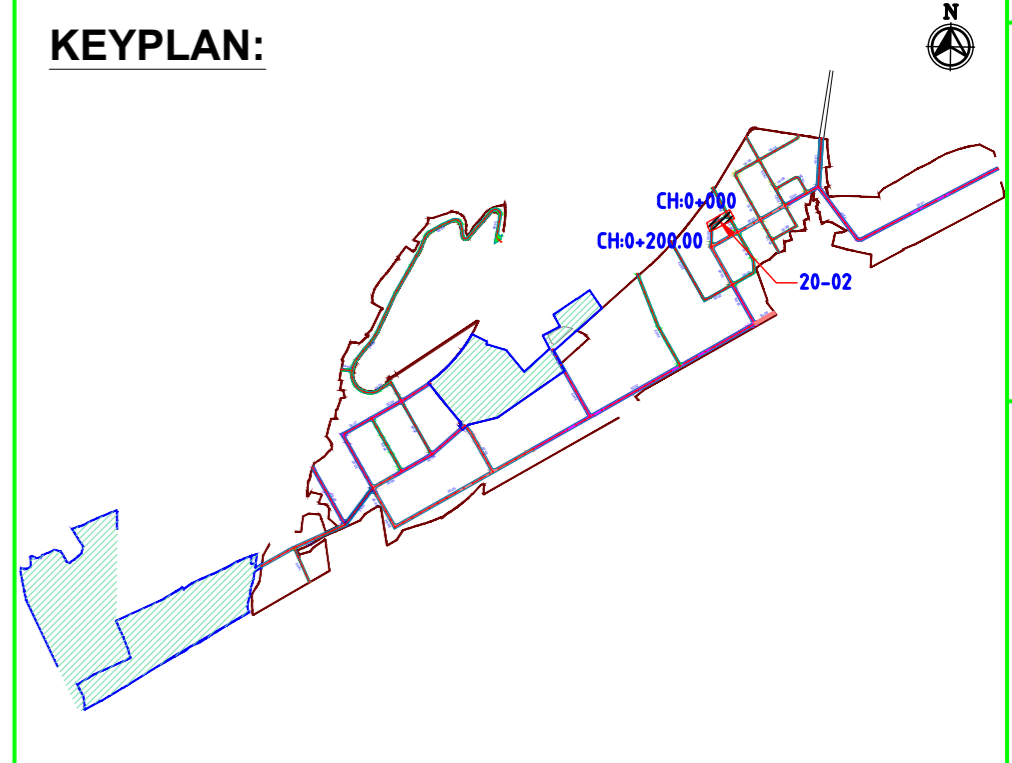


FINISHED ROAD LEVELS	12.072	12.082	12.092	12.102	12.112	12.122	12.132	12.142	12.152	12.162	12.172	12.182	12.192	12.202	12.212	12.222	12.232	12.242	12.264	12.307	12.370	
EXISTING GROUND LEVEL	10.834	10.872	10.884	10.889	10.893	10.897	10.901	10.905	10.914	10.916	10.919	10.923	10.927	10.930	10.934	10.938	10.946	10.953	10.649	10.652	10.700	10.813
LEVEL DIFFERENCE	1.238	1.210	1.208	1.213	1.219	1.225	1.231	1.237	1.242	1.248	1.253	1.259	1.265	1.302	1.343	1.398	1.496	1.593	1.612	1.607	1.557	
HORIZONTAL ALIGNMENT	L=180.191																					
VERTICAL SCHEMATIC	G=0.100% L=169.063																					
TCS TYPE	TYPE - 6B																					
DESIGN CHAINAGE	0+000.00	0+010.00	0+020.00	0+030.00	0+040.00	0+050.00	0+060.00	0+070.00	0+080.00	0+090.00	0+100.00	0+110.00	0+120.00	0+130.00	0+140.00	0+150.00	0+160.00	0+170.00	0+180.00	0+190.00	0+200.00	

**ROAD: 20-02
LONGITUDINAL PROFILE**



MASTER PLAN



KEYPLAN:

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

- 45m ROW
- 35m ROW
- 32m ROW
- 30m ROW
- 24m ROW
- 20m ROW
- 18m ROW
- BOUNDARY
- FUTURE EXPANSION

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

FOR TENDER PURPOSE ONLY

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REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED	INIT. APPROVED	SIGN. APPROVED
A	240124	2	TEMPLATE REVISED	BVN	TAM	ABSR	BRT		
0	231124	2	FOR APPROVAL	BVN	TAM	ABSR	Sd/-	BRT	Sd/-

REVISIONS

STATUS CODES: 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: ROAD: 20-02
PLAN & PROFILE FROM CH: 0+000 TO CH 0+200.00

PROJECT NO: C1232704

COP:

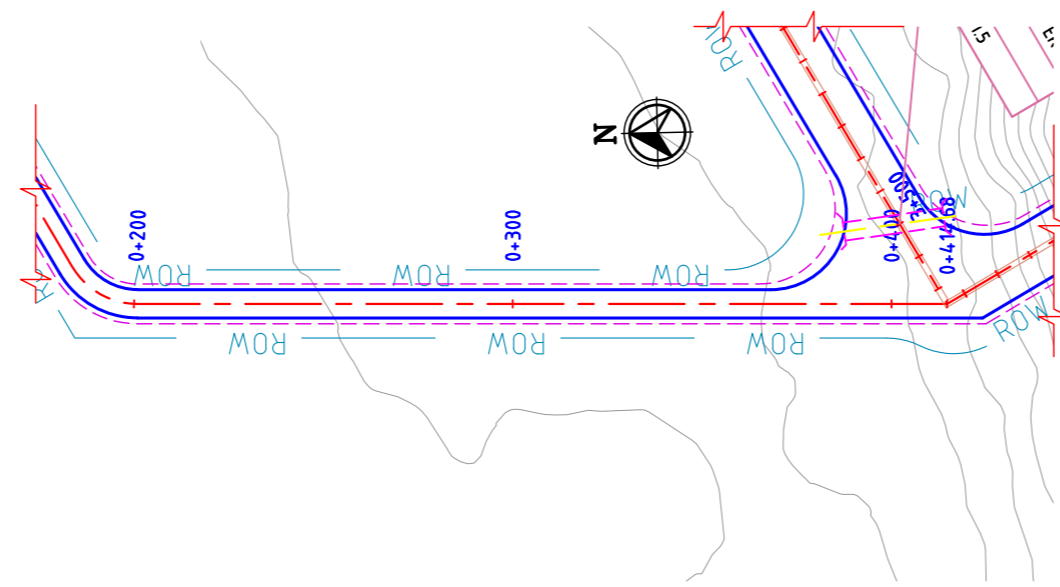
SCALE: HOR - 1:2000
VER - 1:200

DRAWING NO: DDP050

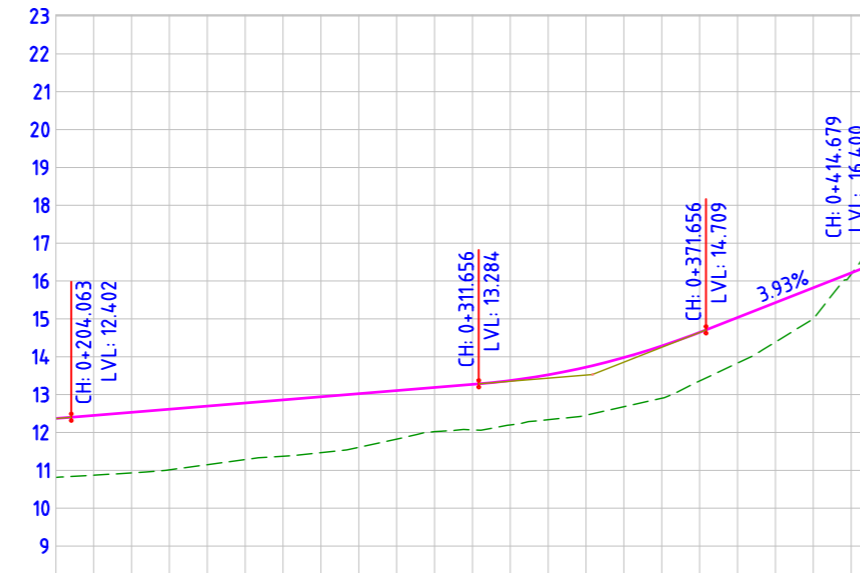
REV: A

L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH **ARTELIA Consulting Engineers Ltd.** (Formerly Mahindra Consulting Engineers Ltd.)

AUTO PATH: U:\ROADS\2023\ACT1232704 - DETAIL DESIGN FOR APBDA\WORKING\DRAWINGS\44-ROADS\RA\PLAN & PROFILES\DDP050-RA-PLAN AND PROFILE-20-01 TO 20-06 & 18-01 TO 18-04.DWG



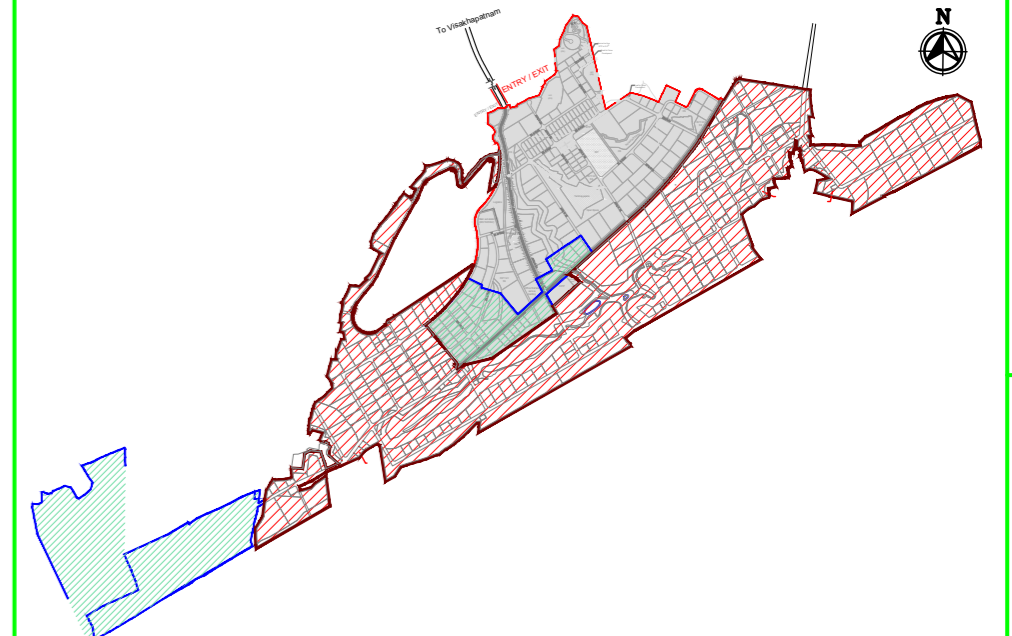
**ROAD: 20-05
PLAN**



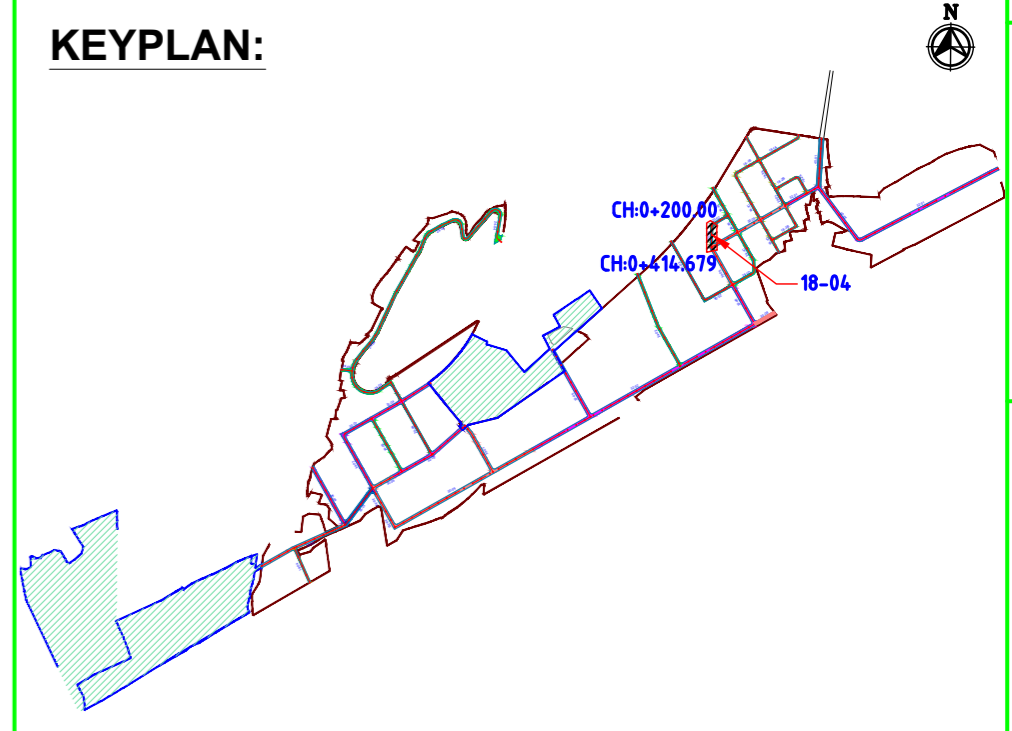
**ROAD: 20-05
LONGITUDINAL PROFILE**

	0+200.00	0+210.00	0+220.00	0+230.00	0+240.00	0+250.00	0+260.00	0+270.00	0+280.00	0+290.00	0+300.00	0+310.00	0+320.00	0+330.00	0+340.00	0+350.00	0+360.00	0+370.00	0+380.00	0+390.00	0+400.00	0+410.00	0+414.679	
FINISHED ROAD LEVELS	12.370	12.451	12.533	12.615	12.697	12.779	12.861	12.943	13.025	13.107	13.189	13.271	13.352	13.434	13.515	13.597	13.678	13.759	13.840	13.921	14.002	14.083	14.164	14.245
EXISTING GROUND LEVEL	10.813	10.872	10.929	10.986	11.043	11.100	11.157	11.214	11.271	11.328	11.385	11.442	11.499	11.556	11.613	11.670	11.727	11.784	11.841	11.898	11.955	12.012	12.069	12.126
LEVEL DIFFERENCE	1.557	1.579	1.603	1.629	1.654	1.679	1.704	1.729	1.754	1.779	1.804	1.829	1.854	1.879	1.904	1.929	1.954	1.979	2.004	2.029	2.054	2.079	2.104	2.129
HORIZONTAL ALIGNMENT	L=213.778																							
VERTICAL SCHEMATIC	K=4.8605 L=35.000				G=0.820%				K=19.296 L=60.000				G=3.930%											
TCS TYPE	TYPE - 6E																							
DESIGN CHAINAGE	0+200.00	0+210.00	0+220.00	0+230.00	0+240.00	0+250.00	0+260.00	0+270.00	0+280.00	0+290.00	0+300.00	0+310.00	0+320.00	0+330.00	0+340.00	0+350.00	0+360.00	0+370.00	0+380.00	0+390.00	0+400.00	0+410.00	0+414.679	

FOR TENDER PURPOSE ONLY



MASTER PLAN



NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

	45m ROW		20m ROW
	35m ROW		18m ROW
	32m ROW		BOUNDARY
	30m ROW		FUTURE EXPANSION
	24m ROW		

PLAN LEGEND:

	CENTERLINE
	MEDIAN
	CARRIAGEWAY
	PAVED SHOULDER
	EARTHEN SHOULDER
	ROW

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 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

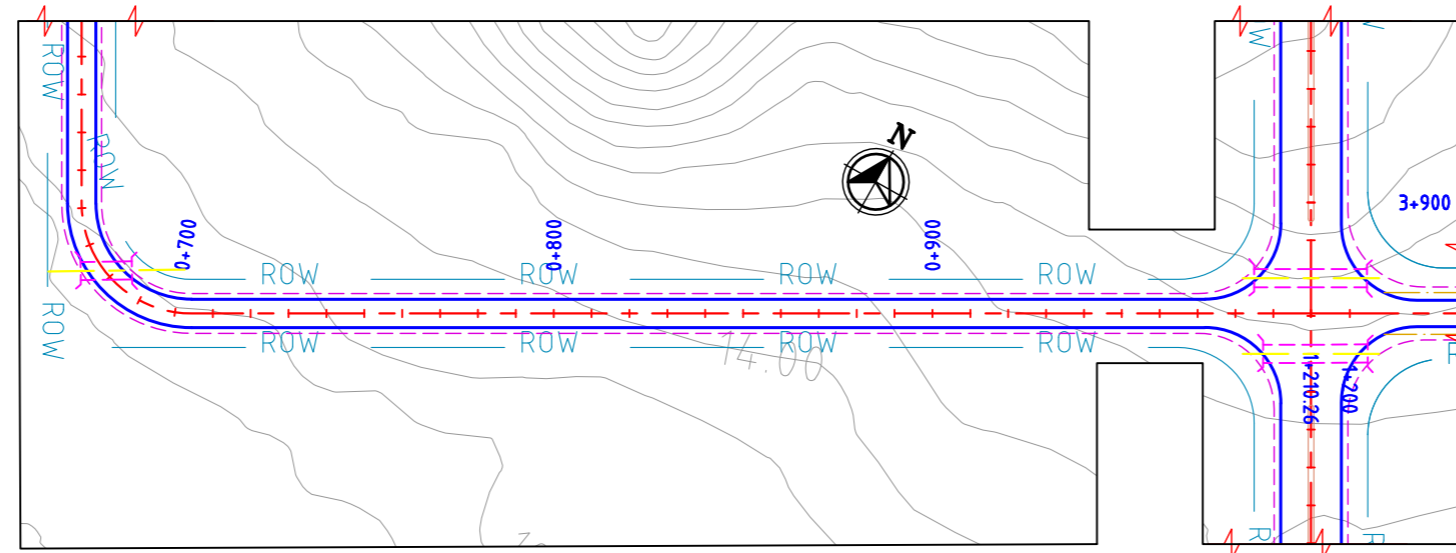
DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN.	INIT. APPROVED	SIGN.
		A	240124	2	TEMPLATE REVISED	BVN	TAM	ABS		BRT	
		0	231124	2	FOR APPROVAL	BVN	TAM	ABS	Sd/-	BRT	Sd/-

REVISIONS

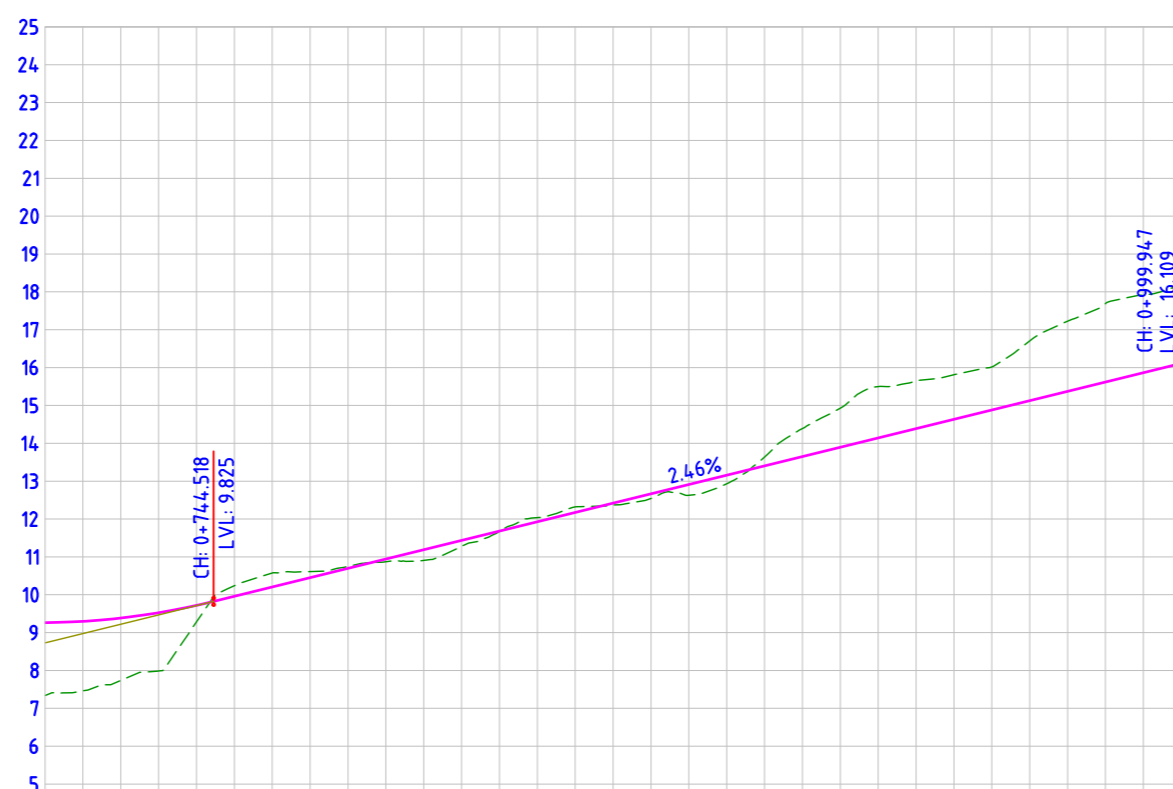
STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT:	ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH
TITLE:	ROAD: 20-05 PLAN & PROFILE FROM CH: 0+200 TO CH 0+414.679
PROJECT NO:	C1232704
COP:	
SCALE:	HOR - 1:2000 VER - 1:200
DRAWING NO:	DDP051
REV:	A

AUTO PATH: U:\ROADS\2023\ACT\232704 - DETAIL DESIGN FOR APBDA\WORKING\DRAWINGS\44-ROADS\RA\PLAN & PROFILES\DDP051-RA-PLAN AND PROFILE - 20-01 TO 20-06 & 18-01 TO 18-04.DWG



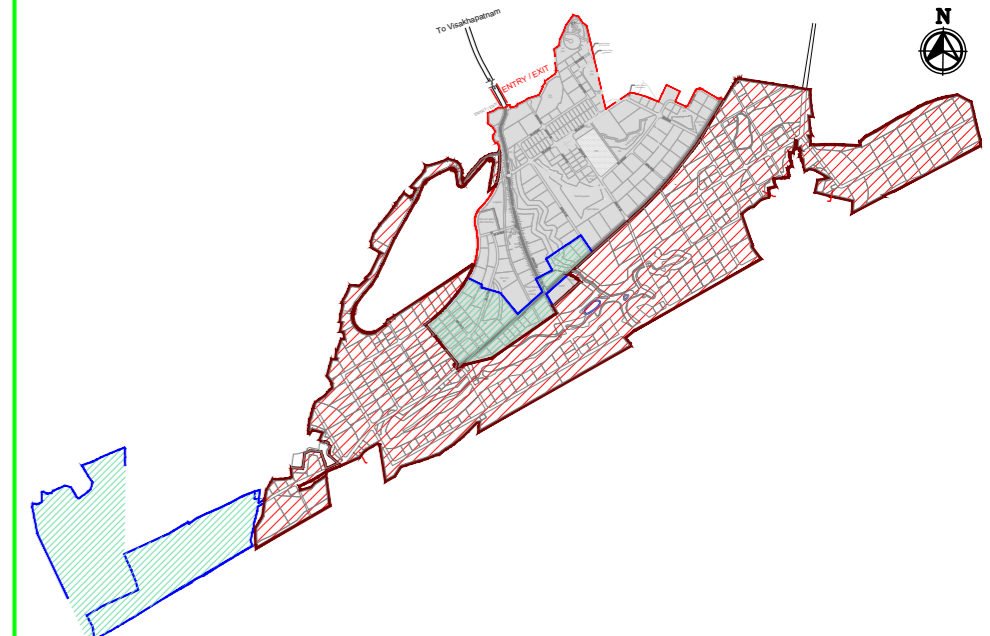
ROAD: 20-06
PLAN



FINISHED ROAD LEVELS	EXISTING GROUND LEVEL	LEVEL DIFFERENCE	HORIZONTAL ALIGNMENT	VERTICAL SCHEMATIC	TCS TYPE	DESIGN CHAINAGE
8.927	7.339	1.588	R= 29.000	K=10.130	TYPE - 6F	0+700.00
9.036	7.461	1.575	L= 45.553	G=2.518%	TYPE - 6F/1	0+710.00
9.243	7.737	1.506	L=295.566	L=280.429		0+720.00
9.495	7.985	1.510				0+730.00
9.747	9.280	0.466				0+740.00
9.998	10.238	-0.239				0+750.00
10.250	10.575	-0.324				0+760.00
10.502	10.612	-0.110				0+770.00
10.754	10.748	0.006				0+780.00
11.006	10.871	0.135				0+790.00
11.258	10.908	0.350				0+800.00
11.509	11.278	0.231				0+810.00
11.761	11.672	0.089				0+820.00
12.013	12.037	-0.024				0+830.00
12.265	12.319	-0.054				0+840.00
12.517	12.370	0.147				0+850.00
12.769	12.542	0.227				0+860.00
13.022	12.628	0.393				0+870.00
13.274	12.930	0.342				0+880.00
13.524	13.637	-0.113				0+890.00
13.776	14.390	-0.614				0+900.00
14.028	14.926	-0.898				0+910.00
14.280	15.496	-1.217				0+920.00
14.531	15.650	-1.119				0+930.00
14.783	15.810	-1.027				0+940.00
15.035	16.017	-0.981				0+950.00
15.287	16.702	-1.415				0+960.00
15.539	17.224	-1.685				0+970.00
15.791	17.687	-1.897				0+980.00
16.042	17.918	-1.875				0+990.00
16.292	18.105	-1.813				0+999.947

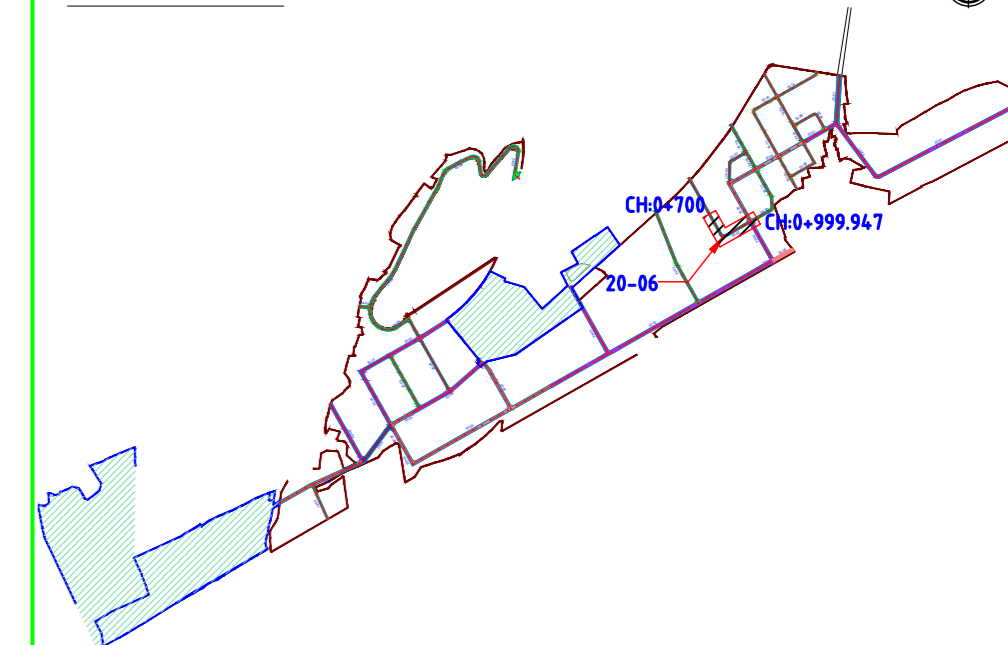
ROAD: 20-06
LONGITUDINAL PROFILE

FOR TENDER PURPOSE ONLY



MASTER PLAN

KEYPLAN:



NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

45m ROW	20m ROW
35m ROW	18m ROW
32m ROW	BOUNDARY
30m ROW	FUTURE EXPANSION
24m ROW	

PLAN LEGEND:

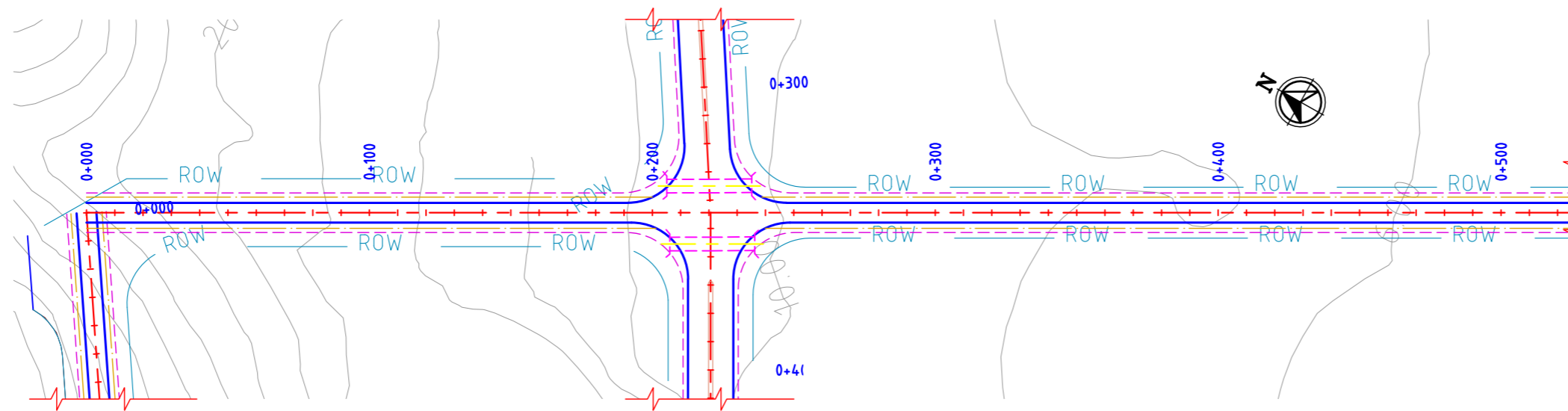
CENTERLINE
MEDIAN
CARRIAGEWAY
PAVED SHOULDER
EARTHEN SHOULDER
ROW

- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
 - REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN.	INIT. APPROVED	SIGN.
		A	240124	2	TEMPLATE REVISED	BVN	TAM	ABS	BRT		
		0	231124	2	FOR APPROVAL	BVN	TAM	ABS	Sd/-	BRT	Sd/-

CLIENT:	ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH
TITLE:	ROAD: 20-06 PLAN & PROFILE FROM CH: 0+700 TO CH 0+999.947
PROJECT NO.:	C1232704
COP:	
SCALE:	HOR - 1:2000 VER - 1:200
DRAWING NO.:	DDP053
REV.:	A

AUTO PATH: U:\ROADS\2023\ACT\232704 - DETAIL DESIGN FOR APIDRA WORKING DRAWINGS\4-ROADS\RA\PLAN & PROFILES\DDP053-RA-PLAN AND PROFILE-20-01 TO 20-06 & 18-01 TO 18-04.DWG



**ROAD: 20-04
PLAN**

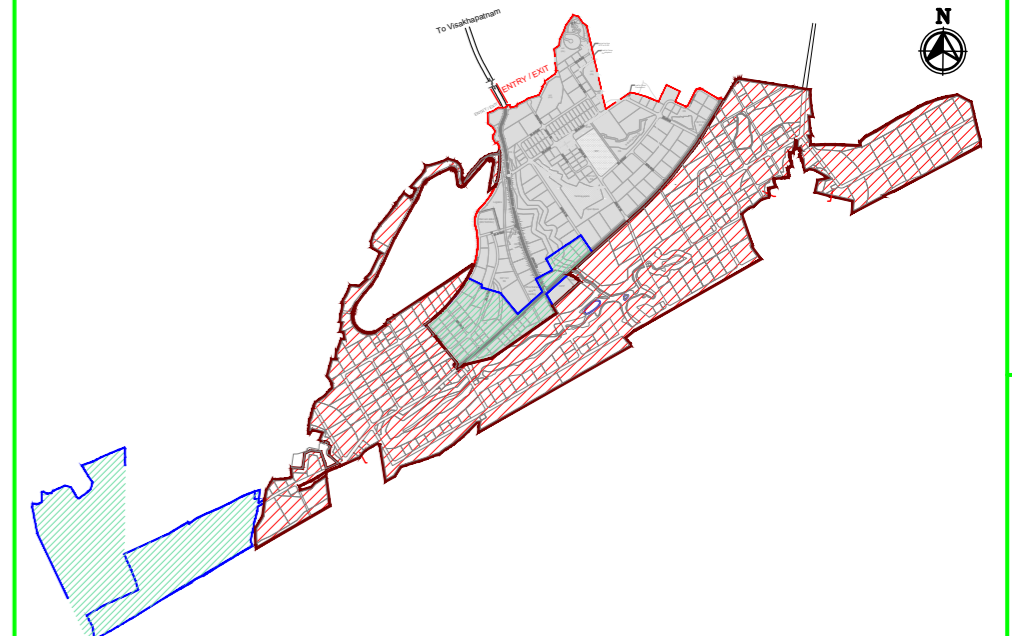


FINISHED ROAD LEVELS	EXISTING GROUND LEVEL	LEVEL DIFFERENCE	HORIZONTAL ALIGNMENT	VERTICAL SCHEMATIC	TCS TYPE	DESIGN CHAINAGE
18.273	24.352	-6.079		G=-4.000%	TYPE-6D/1	0+000.00
17.873	23.536	-5.664		L=191.331		0+010.00
17.473	22.677	-5.205				0+020.00
16.673	21.823	-4.750				0+030.00
16.273	20.607	-3.934				0+040.00
15.473	19.850	-3.577				0+050.00
15.073	19.330	-3.458				0+060.00
14.673	18.842	-3.369				0+070.00
14.273	18.006	-2.934				0+080.00
13.873	17.644	-2.971				0+090.00
13.473	17.017	-2.744				0+100.00
13.073	16.372	-2.499				0+110.00
12.673	15.807	-2.335				0+120.00
12.273	15.293	-2.220				0+130.00
11.873	14.784	-2.111				0+140.00
11.473	14.277	-2.004				0+150.00
11.073	13.733	-1.860				0+160.00
10.673	13.145	-1.672				0+170.00
10.283	12.557	-1.484				0+180.00
9.920	11.984	-1.312				0+190.00
9.585	11.589	-1.306				0+200.00
9.277	11.207	-1.286				0+210.00
8.996	10.824	-1.239				0+220.00
8.743	10.443	-1.166				0+230.00
8.517	10.066	-1.069				0+240.00
8.319	9.696	-1.117				0+250.00
8.147	9.363	-1.105				0+260.00
8.003	9.105	-0.957				0+270.00
7.887	8.846	-0.842				0+280.00
7.798	8.587	-0.700				0+290.00
7.725	8.328	-0.531				0+300.00
7.653	8.069	-0.344				0+320.00
7.581	7.881	-0.228				0+330.00
7.510	7.711	-0.130				0+340.00
7.366	7.541	-0.032				0+350.00
7.294	7.383	0.054				0+360.00
7.222	7.226	0.140				0+370.00
7.150	7.087	0.207				0+380.00
7.078	6.957	0.265				0+390.00
7.006	6.827	0.323				0+400.00
6.934	6.696	0.381				0+410.00
6.862	6.566	0.440				0+420.00
6.790	6.436	0.498				0+430.00
6.718	6.305	0.557				0+440.00
6.646	6.173	0.617				0+450.00
6.574	6.028	0.650				0+460.00
6.502	5.891	0.755				0+470.00
6.430	5.680	0.894				0+480.00
	5.491	1.011				0+490.00
	5.294	1.136				0+500.00

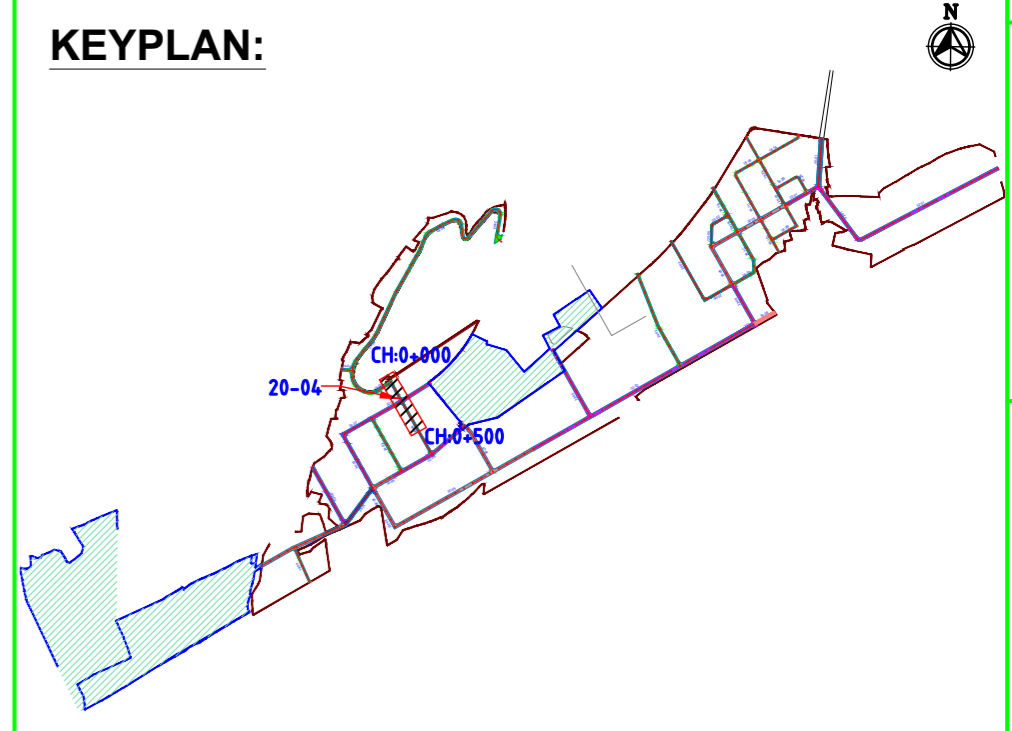
**ROAD: 20-04
LONGITUDINAL PROFILE**

FOR TENDER PURPOSE ONLY

SHEET 1 OF 2



MASTER PLAN



KEYPLAN:

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

	45m ROW		20m ROW
	35m ROW		18m ROW
	32m ROW		BOUNDARY
	30m ROW		FUTURE EXPANSION
	24m ROW		

PLAN LEGEND:

	CENTERLINE
	MEDIAN
	CARRIAGEWAY
	PAVED SHOULDER
	EARTHEN SHOULDER
	ROW

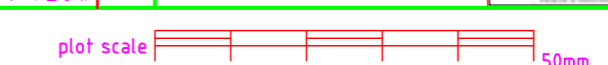
- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
 - REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
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		0	231124	2	FOR APPROVAL	BVN	TAM	ABS	Sd/-

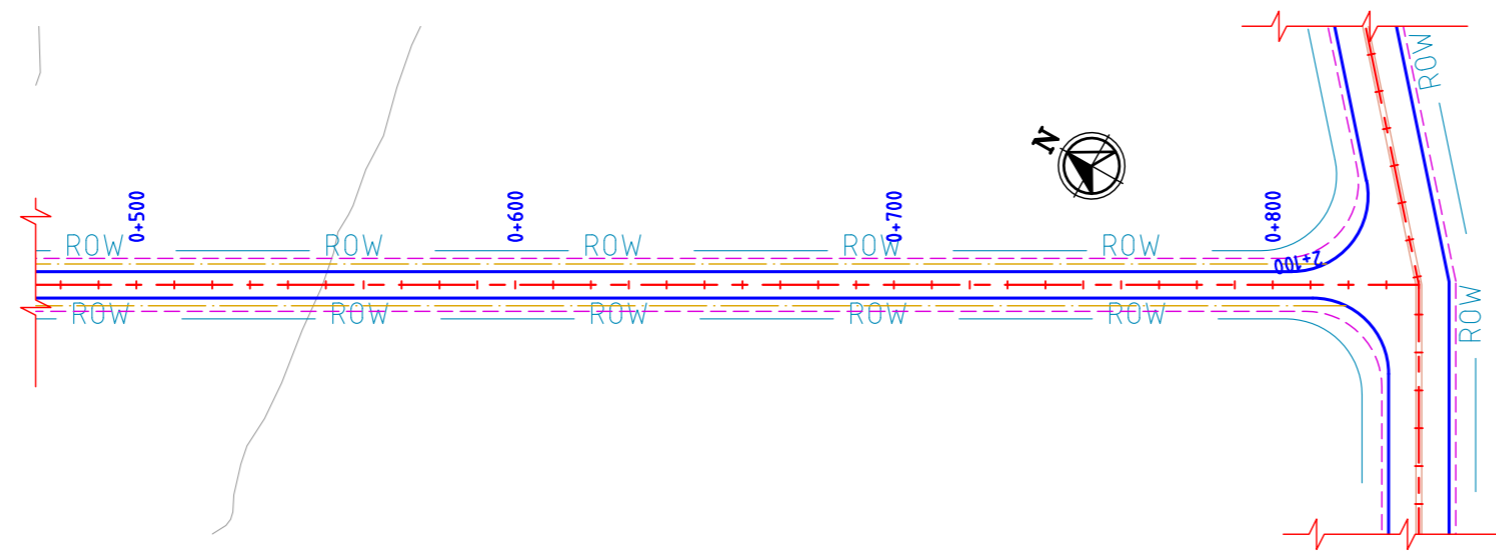
REVISIONS

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

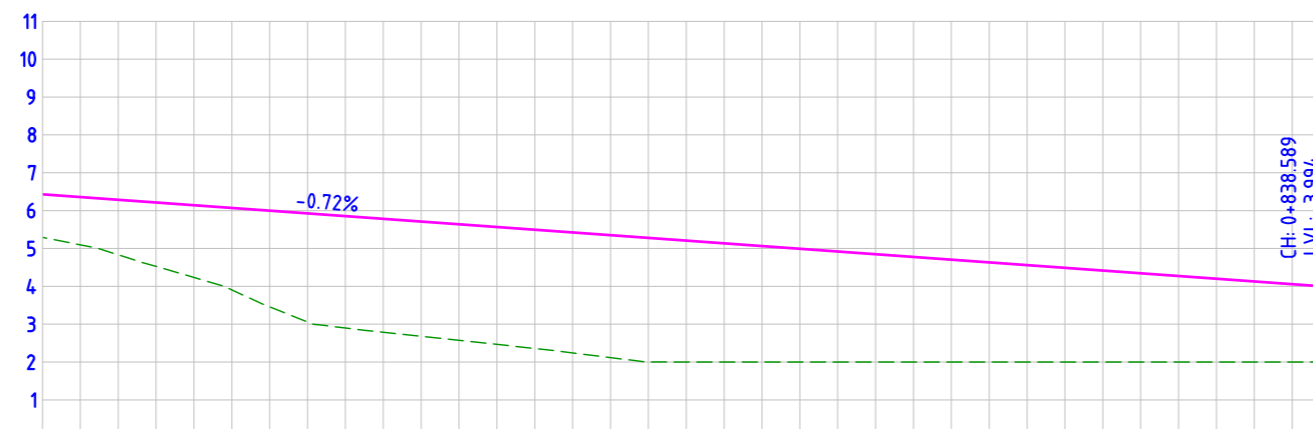
CLIENT:	ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)	PROJECT NO:	C1232704
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH	COP:	
TITLE:	ROAD: 20-04 PLAN & PROFILE FROM CH: 0+000 TO CH 0+500	SCALE:	HOR - 1:2000 VER - 1:200
		IN CONSORTIUM WITH:	
		DRAWING NO:	DDP054
		REV:	A



AUTO PATH: U:\ROADS\2023\ACT\23704 - DETAIL DESIGN FOR APBDA WORKING DRAWINGS\4-ROADS\BAPLAN & PROFILES\DDP054-RA-PLAN AND PROFILE-20-01 TO 20-06 & 18-01 TO 18-04.DWG

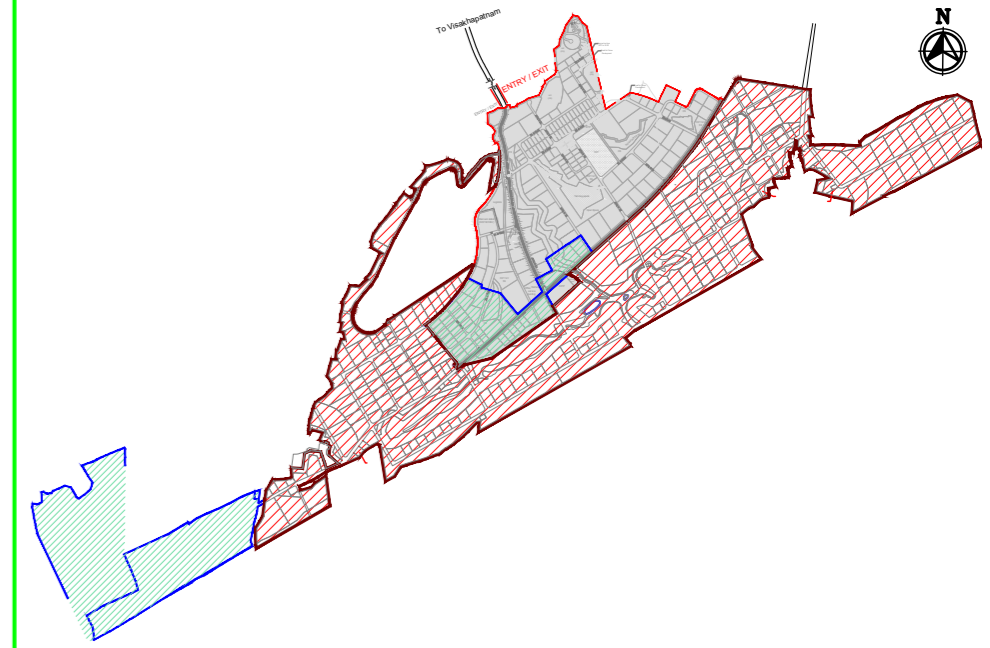


ROAD: 20-04
PLAN

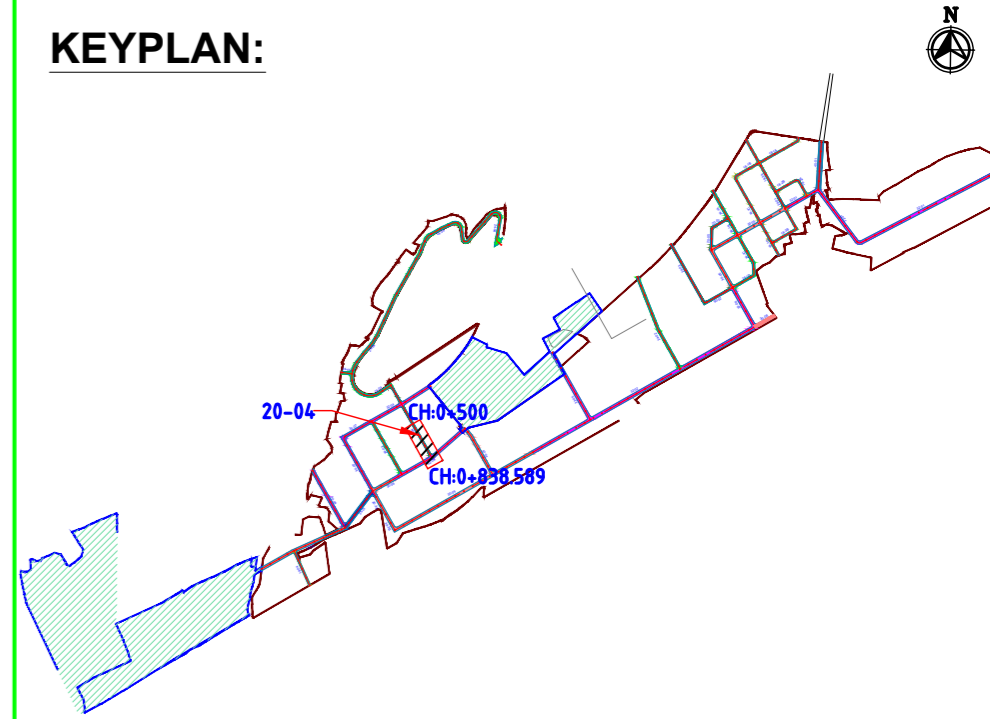


FINISHED ROAD LEVELS	EXISTING GROUND LEVEL	LEVEL DIFFERENCE	HORIZONTAL ALIGNMENT	VERTICAL SCHEMATIC	TCS TYPE	DESIGN CHAINAGE
6.430	5.294	1.136	L=338.588	G=-0.720%	TYPE-6D	0+500.00
6.356	5.096	1.263				0+510.00
6.286	4.833	1.454				0+520.00
6.214	4.528	1.687				0+530.00
6.142	4.235	1.907				0+540.00
6.070	3.906	2.165				0+550.00
5.999	3.458	2.541				0+560.00
5.927	3.058	2.868				0+570.00
5.855	2.899	2.955				0+580.00
5.783	2.785	2.997				0+590.00
5.711	2.681	3.030				0+600.00
5.639	2.576	3.062				0+610.00
5.567	2.468	3.099				0+620.00
5.495	2.358	3.137				0+630.00
5.423	2.241	3.182				0+640.00
5.351	2.117	3.234				0+650.00
5.279	2.003	3.276	0+660.00			
5.207	2.000	3.207	0+670.00			
5.135	2.000	3.135	0+680.00			
5.063	2.000	3.063	0+690.00			
4.991	2.000	2.991	0+700.00			
4.919	2.000	2.919	0+710.00			
4.847	2.000	2.847	0+720.00			
4.775	2.000	2.775	0+730.00			
4.703	2.000	2.703	0+740.00			
4.631	2.000	2.631	0+750.00			
4.559	2.000	2.559	0+760.00			
4.488	2.000	2.488	0+770.00			
4.416	2.000	2.416	0+780.00			
4.344	2.000	2.344	0+790.00			
4.272	2.000	2.272	0+800.00			
4.200	2.000	2.200	0+810.00			
4.128	2.000	2.128	0+820.00			
4.056	2.000	2.056	0+830.00			
3.994	2.000	1.994	0+838.589			

ROAD: 20-04
LONGITUDINAL PROFILE



MASTER PLAN



NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

	45m ROW		20m ROW
	35m ROW		18m ROW
	32m ROW		BOUNDARY
	30m ROW		FUTURE EXPANSION
	24m ROW		

PLAN LEGEND:

	CENTERLINE
	MEDIAN
	CARRIAGEWAY
	PAVED SHOULDER
	EARTHEN SHOULDER
	ROW
	ROW

FOR TENDER PURPOSE ONLY

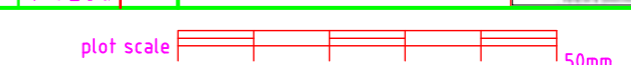
SHEET 2 OF 2

- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
 - REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

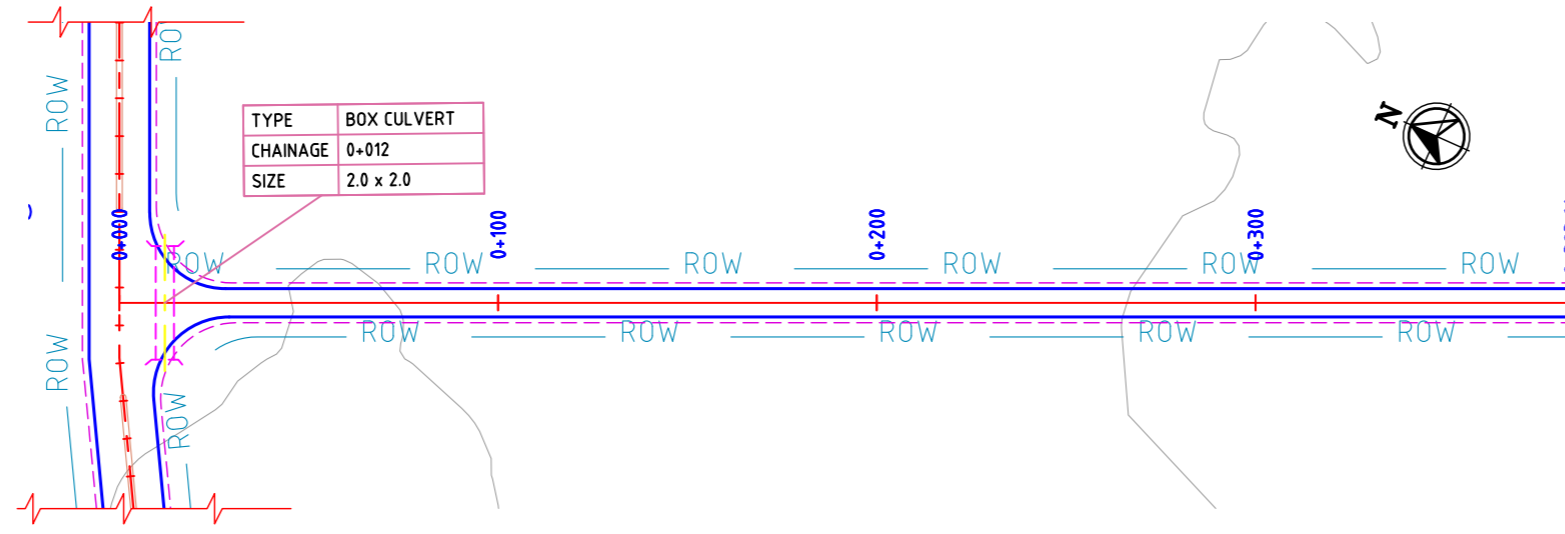
DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
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		0	231124	2	FOR APPROVAL	BVN	TAM	ABSR	Sd/-

STATUS CODES: 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

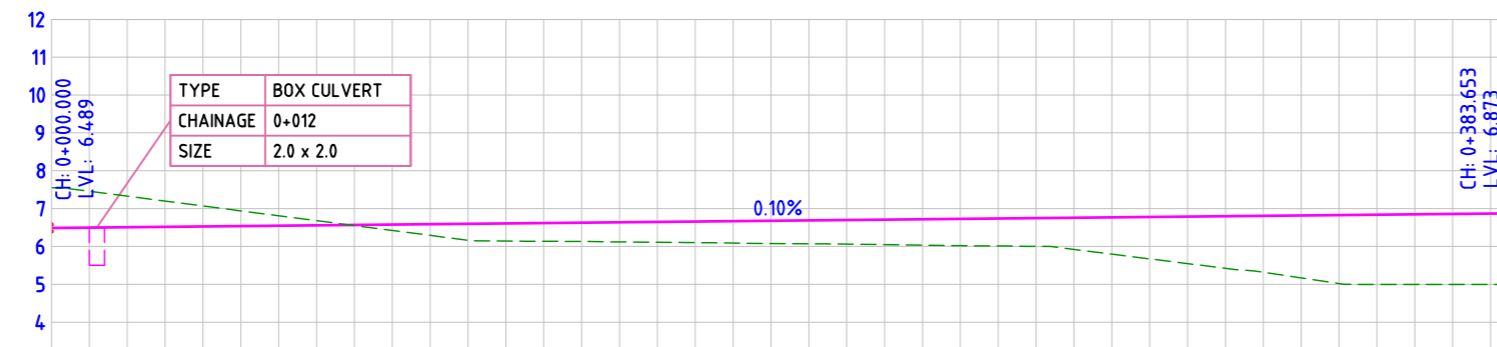
CLIENT:	ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)	PROJECT NO:	C1232704
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH	COP:	
TITLE:	ROAD: 20-04 PLAN & PROFILE FROM CH: 0+500 TO CH 0+838.589	SCALE:	HOR - 1:2000 VER - 1:200
		DRAWING NO:	DDP055
		REV:	A



AUTO PATH: U:\ROADS\2023\ACT232704 - DETAIL DESIGN FOR APBDA\WORKING\DRAWINGS\44-ROADS\RA\PLAN & PROFILES\DDP055-RA-PLAN AND PROFILE - 20-01 TO 20-06 & 18-01 TO 18-04.DWG



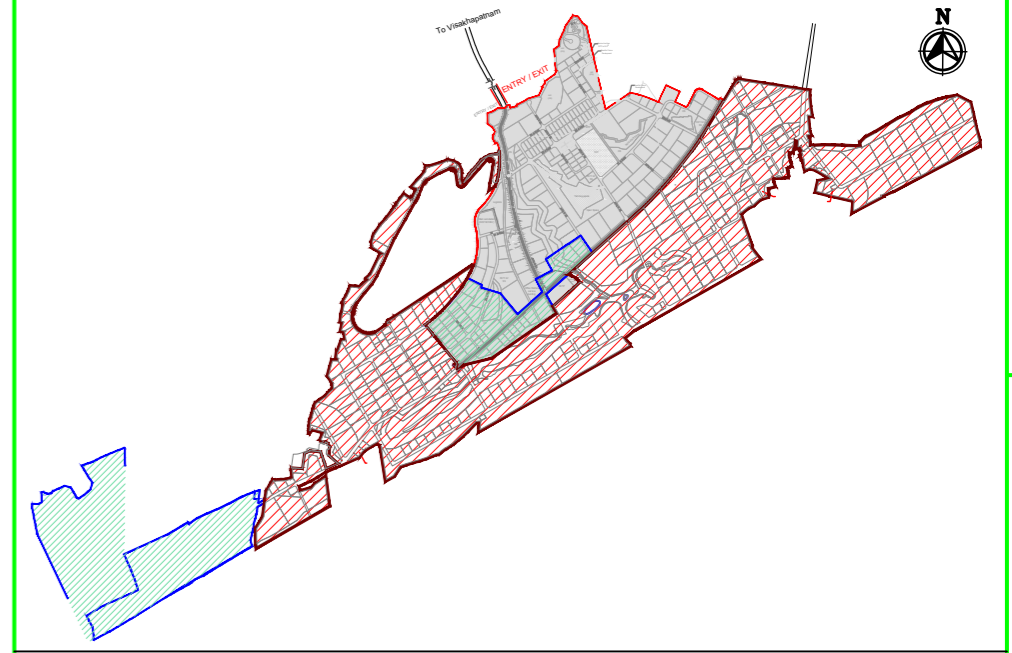
ROAD: 18-04
PLAN



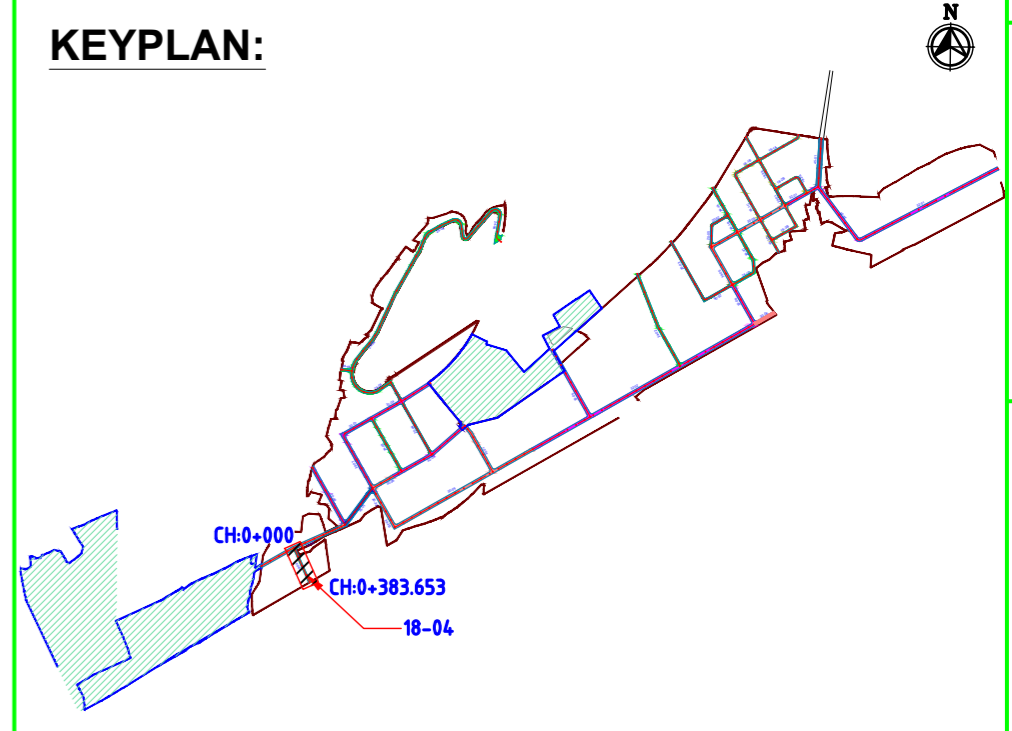
FINISHED ROAD LEVELS	EXISTING GROUND LEVEL	LEVEL DIFFERENCE	HORIZONTAL ALIGNMENT	VERTICAL SCHEMATIC	TCS TYPE	DESIGN CHAINAGE
6.489	7.552	-1.063			TYPE-7C	0+000.00
6.499	7.458	-0.959				0+010.00
6.509	7.328	-0.819				0+020.00
6.519	7.199	-0.680				0+030.00
6.529	7.069	-0.540				0+040.00
6.539	6.940	-0.401				0+050.00
6.549	6.811	-0.262				0+060.00
6.559	6.681	-0.122				0+070.00
6.569	6.552	0.017				0+080.00
6.579	6.422	0.157				0+090.00
6.589	6.293	0.296				0+100.00
6.599	6.163	0.436				0+110.00
6.609	6.034	0.575				0+120.00
6.619	5.904	0.714				0+130.00
6.629	5.774	0.853				0+140.00
6.639	5.644	0.992				0+150.00
6.649	5.514	1.131				0+160.00
6.659	5.384	1.270				0+170.00
6.669	5.254	1.409				0+180.00
6.679	5.124	1.548				0+190.00
6.689	5.000	1.687				0+200.00
6.699	4.875	1.826				0+210.00
6.709	4.750	1.965				0+220.00
6.719	4.625	2.104				0+230.00
6.729	4.500	2.243				0+240.00
6.739	4.375	2.382				0+250.00
6.749	4.250	2.521				0+260.00
6.759	4.125	2.660				0+270.00
6.769	4.000	2.799				0+280.00
6.779	3.875	2.938				0+290.00
6.789	3.750	3.077				0+300.00
6.799	3.625	3.216				0+310.00
6.809	3.500	3.355				0+320.00
6.819	3.375	3.494				0+330.00
6.829	3.250	3.633				0+340.00
6.839	3.125	3.772				0+350.00
6.849	3.000	3.911				0+360.00
6.859	2.875	4.050				0+370.00
6.869	2.750	4.189				0+380.00
6.872	2.625	4.247				0+383.653

ROAD: 18-04
LONGITUDINAL PROFILE

FOR TENDER PURPOSE ONLY



MASTER PLAN



KEYPLAN:

NAKKAPALLI INDUSTRIAL AREA

KEYPLAN LEGEND:

	45m ROW		20m ROW
	35m ROW		18m ROW
	32m ROW		BOUNDARY
	30m ROW		FUTURE EXPANSION
	24m ROW		

PLAN LEGEND:

	CENTERLINE
	MEDIAN
	CARRIAGEWAY
	PAVED SHOULDER
	EARTHEN SHOULDER
	ROW

- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
 - REFER ROAD NETWORK PLAN FOR ALL OTHER ROADS.
 - STRUCTURE DETAILS SHOWN ARE INDICATIVE ONLY FOR DETAILS REFER CORRESPONDING DRAWINGS

DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
		A	240124	2	TEMPLATE REVISED	BVN	TAM	ABS	BRT
		0	231124	2	FOR APPROVAL	BVN	TAM	ABS	Sd/- BRT Sd/-

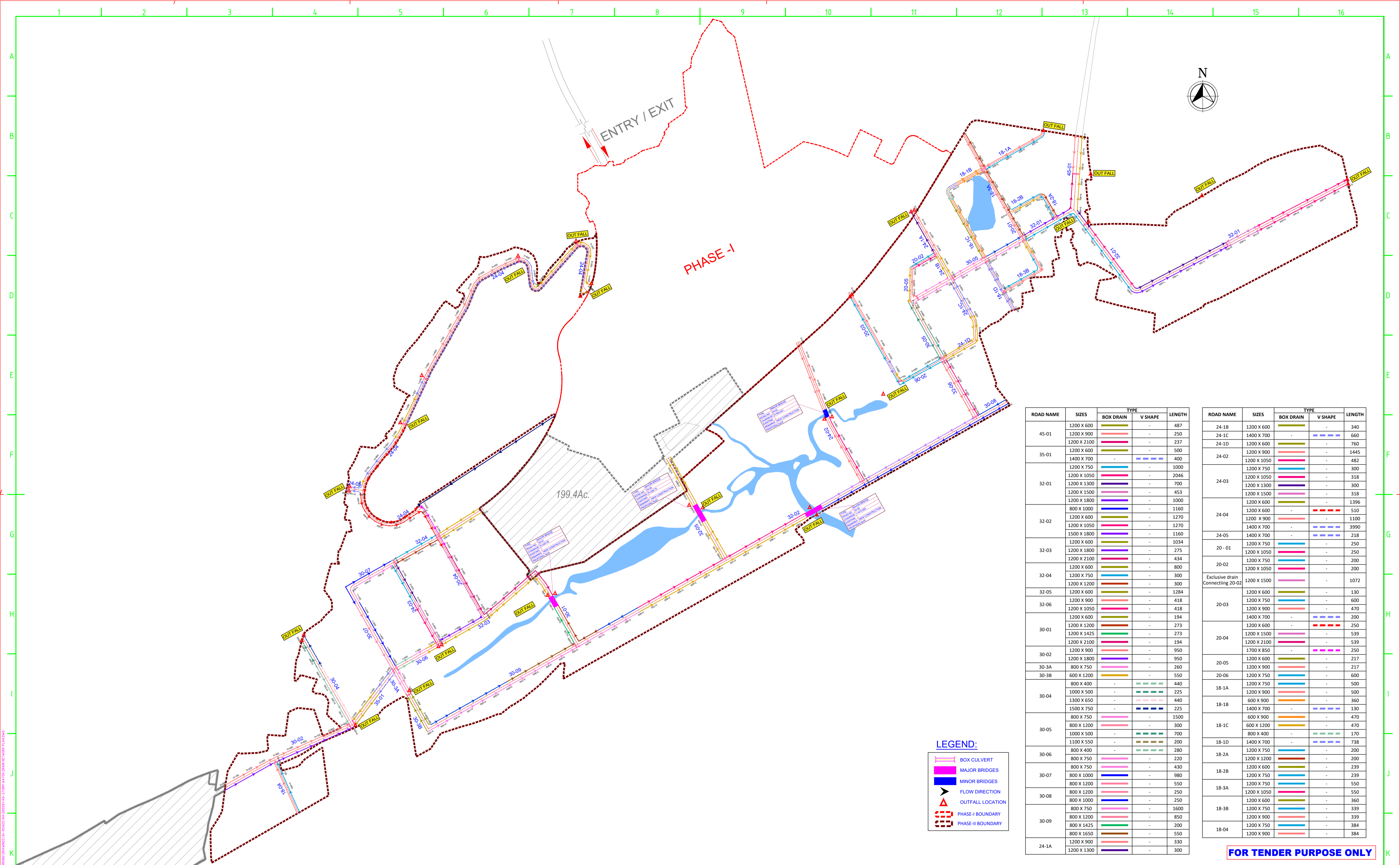
REVISIONS

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT:	ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)	PROJECT NO:	C1232704
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH	COP:	
TITLE:	ROAD: 18-04 PLAN & PROFILE FROM CH: 0+000 TO CH 0+383.653	SCALE:	HOR - 1:2000 VER - 1:200
		IN CONSORTIUM WITH:	
	Engineering Ltd.		(Formerly Mahindra Consulting Engineers Ltd.)
		DRAWING NO:	DDP056
		REV:	A

AUTO PATH: U:\ROADS\2023\12\32704 - DETAIL DESIGN FOR APBDA\WORKING\DRAWINGS\04-ROADS\RA-PLAN AND PROFILE-20-01 TO 20-06 & 18-01 TO 18-04.DWG

Strom Water Drain Network Plan



ROAD NAME	SIZES	TYPE		LENGTH
		BOX DRAIN	V SHAPE	
45-01	1200 X 600	---	-	487
	1200 X 900	---	-	250
	1200 X 2100	---	-	237
35-01	1200 X 600	---	-	500
	1400 X 700	---	-	400
32-01	1200 X 750	---	-	1000
	1200 X 1050	---	-	2046
	1200 X 1300	---	-	700
	1200 X 1500	---	-	453
	1200 X 1800	---	-	1000
32-02	800 X 1000	---	-	1160
	1200 X 600	---	-	1270
	1200 X 1050	---	-	1270
	1500 X 1800	---	-	1160
32-03	1200 X 600	---	-	1034
	1200 X 1800	---	-	275
	1200 X 2100	---	-	434
32-04	1200 X 600	---	-	800
	1200 X 750	---	-	300
	1200 X 1200	---	-	300
32-05	1200 X 600	---	-	1284
	1200 X 900	---	-	418
32-06	1200 X 1050	---	-	418
	1200 X 600	---	-	194
30-01	1200 X 1200	---	-	273
	1200 X 1425	---	-	273
	1200 X 2100	---	-	194
	1200 X 900	---	-	950
30-02	1200 X 1800	---	-	950
	800 X 750	---	-	260
30-3A	800 X 750	---	-	260
	600 X 1200	---	-	550
30-3B	800 X 400	---	-	440
	1000 X 500	---	-	225
30-04	1300 X 650	---	-	440
	1500 X 750	---	-	225
	800 X 750	---	-	1500
	800 X 1200	---	-	300
30-05	1000 X 500	---	-	700
	1100 X 550	---	-	200
	800 X 400	---	-	280
30-06	800 X 750	---	-	220
	800 X 750	---	-	430
30-07	800 X 1000	---	-	980
	800 X 1200	---	-	550
	800 X 1200	---	-	250
30-08	800 X 1200	---	-	250
	800 X 1000	---	-	250
	800 X 750	---	-	1600
30-09	800 X 750	---	-	850
	800 X 1200	---	-	200
	800 X 1425	---	-	550
	800 X 1650	---	-	550
24-1A	1200 X 900	---	-	330
	1200 X 1300	---	-	300

ROAD NAME	SIZES	TYPE		LENGTH
		BOX DRAIN	V SHAPE	
24-1B	1200 X 600	---	-	340
24-1C	1400 X 700	---	-	660
24-1D	1200 X 600	---	-	760
24-02	1200 X 900	---	-	1445
	1200 X 1050	---	-	482
24-03	1200 X 750	---	-	300
	1200 X 1050	---	-	318
	1200 X 1300	---	-	300
24-04	1200 X 1500	---	-	318
	1200 X 600	---	-	1396
	1200 X 900	---	-	510
24-05	1200 X 600	---	-	1100
	1400 X 700	---	-	3990
24-05	1400 X 700	---	-	218
20-01	1200 X 750	---	-	250
20-01	1200 X 1050	---	-	250
20-02	1200 X 750	---	-	200
	1200 X 1050	---	-	200
Exclusive drain Connecting 20-02	1200 X 1500	---	-	1072
20-03	1200 X 600	---	-	130
	1200 X 750	---	-	600
	1200 X 900	---	-	470
20-04	1400 X 700	---	-	200
	1200 X 600	---	-	250
20-04	1200 X 1500	---	-	539
	1200 X 2100	---	-	539
	1700 X 850	---	-	250
20-05	1200 X 600	---	-	217
20-05	1200 X 900	---	-	217
20-06	1200 X 750	---	-	600
18-1A	1200 X 900	---	-	500
18-1A	1200 X 900	---	-	500
18-1B	600 X 900	---	-	360
18-1B	1400 X 700	---	-	130
18-1C	600 X 900	---	-	470
18-1C	600 X 1200	---	-	470
18-1D	800 X 400	---	-	170
18-1D	1400 X 700	---	-	738
18-2A	1200 X 750	---	-	200
18-2A	1200 X 1200	---	-	200
18-2B	1200 X 600	---	-	239
18-2B	1200 X 750	---	-	239
18-3A	1200 X 750	---	-	550
18-3A	1200 X 1050	---	-	550
18-3B	1200 X 600	---	-	360
18-3B	1200 X 750	---	-	339
18-3B	1200 X 900	---	-	339
18-04	1200 X 750	---	-	384
18-04	1200 X 900	---	-	384

LEGEND:

- BOX CULVERT
- MAJOR BRIDGES
- MINOR BRIDGES
- FLOW DIRECTION
- OUTFALL LOCATION
- PHASE-I BOUNDARY
- PHASE-II BOUNDARY

FOR TENDER PURPOSE ONLY

NOTES

- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
- FOR NUMERATION & RC DETAILS OF DRAIN REFER SEPARATE DRAWING.

REV.	YYMMDD	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
A	240123	2	TEMPLATE REVISED	BVN	TAM	ABSRR	BRT
0	231206	2	FOR APPROVAL	BVN	DVM	ABSRR	Sd/- BRT Sd/-

REVISIONS

STATUS CODES 1- PRELIMINARY 2- FOR APPROVAL 3- GOOD FOR CONSTRUCTION 4- ...

REFERENCE DRAWINGS

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: STORM WATER DRAIN NETWORK PLAN

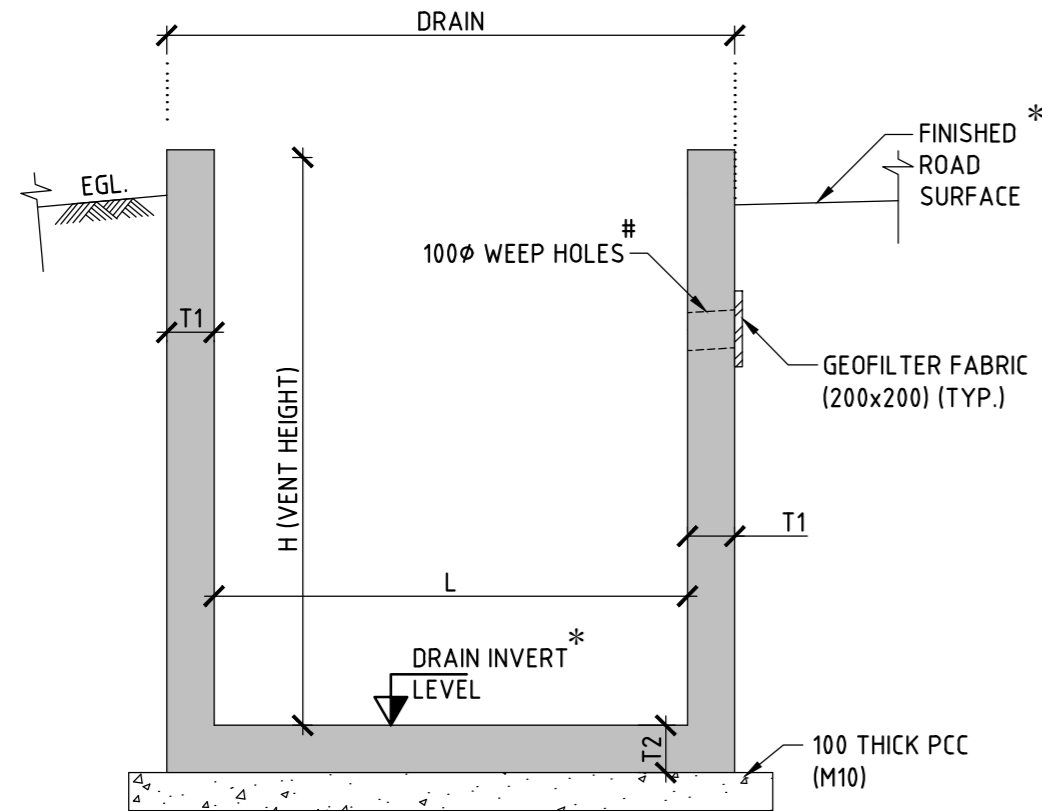
PROJECT NO: C1232704

SCALE:

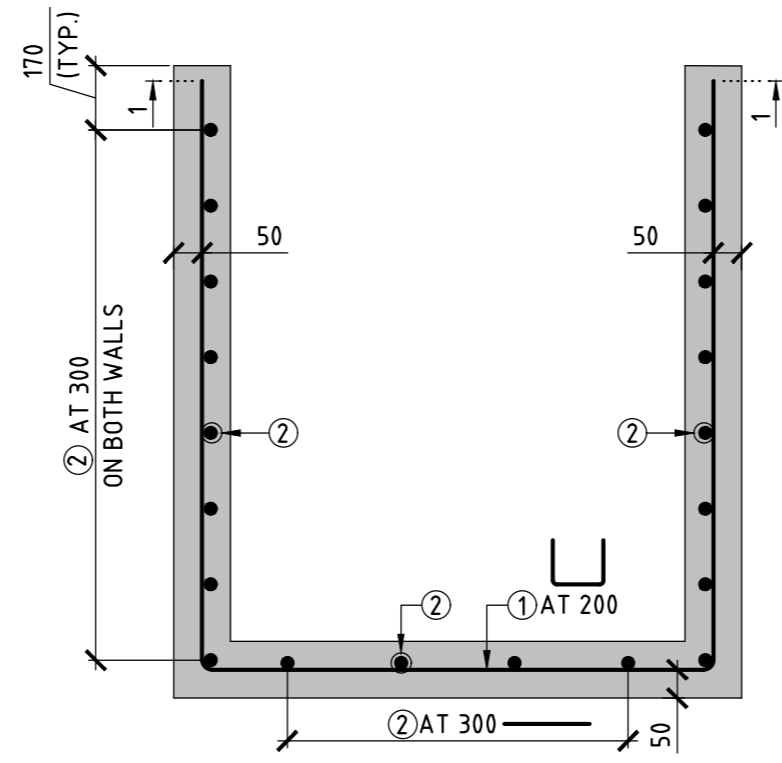
DRAWING NO: DDD001 **REV:** A

L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH: **ARTELIA Consulting Engineers Ltd.** (Formerly Mahindra Consulting Engineers Ltd.)

plot scale 1:50mm



SECTION A-A
(SCALE 1:20)

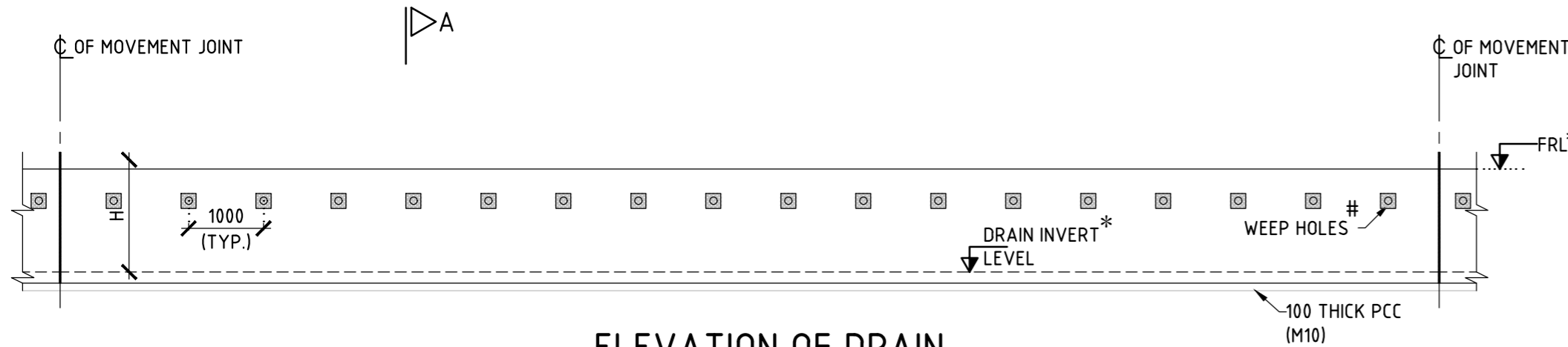


RC DETAIL OF U-TYPE BOX DRAIN
(SCALE 1:20)

SL NO	TYPE	SPAN (mm)		DEPTH (mm)		THICKNESS (mm)	
		L	H	T1	T2		
1.	U-TYPE	1200	600	125	125		
2.		1200	750	125	125		
3.		800	750	125	125		
4.		600	900	125	125		
5.		1200	900	125	125		
6.		800	1000	125	125		
7.		1200	1050	125	125		
8.		600	1200	125	125		
9.		800	1200	125	125		
10.		1200	1200	125	125		
11.		1200	1300	125	125		
12.		800	1425	125	125		
13.		1200	1425	125	125		
14.		1200	1500	150	150		
15.		800	1650	150	150		
16.		1200	1800	150	150		
17.		1500	1800	150	150		
18.		1200	2100	175	175		
1.	V-TYPE	800	400	100	100		
2.		1000	500	100	100		
3.		1100	550	100	100		
4.		1200	600	100	100		
5.		1300	650	100	100		
6.		1400	700	100	100		
7.		1500	750	100	100		
8.		1700	850	100	100		

SCHEDULE OF REINFORCEMENT:

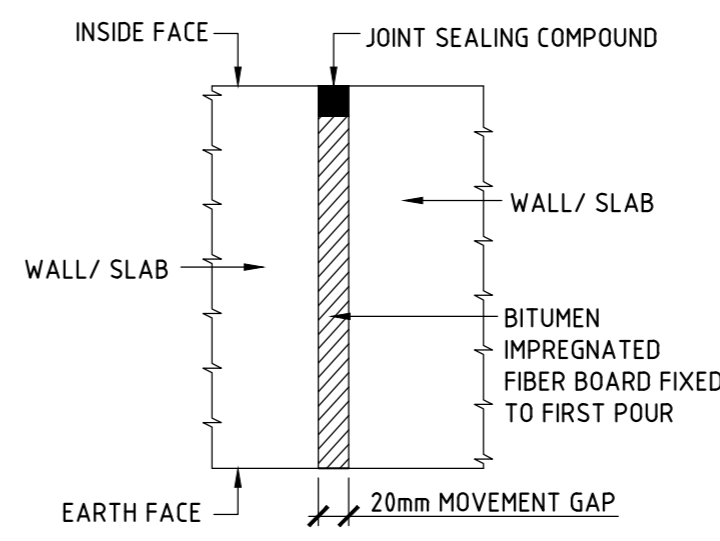
LOCATION	BAR MARK	BAR TYPE & DIA.	
		H < 1m	H - 1m TO 2.0m
DRAIN	①	Y10	Y12
	②	Y8	



ELEVATION OF DRAIN
(SCALE 1:75)

* HIGHWAY PLAN & PROFILE DRAWING AND DRAIN PLAN & PROFILE DRAWING SHALL BE REFERRED FOR FRL & DRAIN INVERT LEVEL RESPECTIVELY

THE INVERT LEVEL OF WEEP HOLE SHALL BE AT THE BOTTOM OF PAVEMENT DRAINAGE (GSB) LAYER.



DETAILS OF MOVEMENT JOINT
(NOT TO SCALE)

LEGEND:

- ⊕ - CENTER LINE
- MAX. - MAXIMUM
- DIA. - DIAMETER
- EQ. - EQUAL
- EGL. - EXISTING GROUND LEVEL

LEGEND:

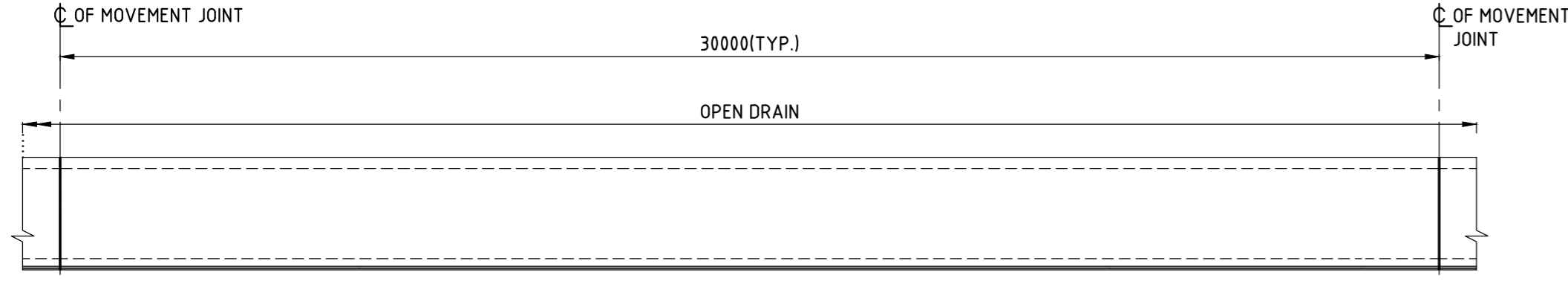
- REINFORCEMENT

GENERAL

- ALL DIMENSIONS ARE IN MILLIMETRES & LEVELS ARE IN METRES UNLESS SPECIFIED OTHERWISE.
- DIMENSIONS ARE NOT TO BE SCALED, ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
- THE EARTH FILLING SHALL START ONLY AFTER COMPLETING THE BOX.
- THE FILLING OF EARTH ON EITHER SIDE SHALL BE DONE SIMULTANEOUSLY & THE DIFFERENCE IN HEIGHT OF FILL ON TWO SIDES SHALL NOT BE MORE THAN 1000mm AT ANY INSTANT.
- V SHAPE DRAINS OR PROVIDED AT THE CUT LOCATIONS.

DESIGN REQUIREMENT

- GRADE OF CONCRETE SHALL BE M30 FOR BOX STRUCTURE AND REINFORCEMENT SHALL BE Fe 500D CONFORMING TO IS:1786.
- MINIMUM CLEAR COVER SHALL BE AS PER CLAUSE 26.4 OF IS456 : 2000:
 - a) BOTTOM SLAB (EARTH FACE) - 50mm
 - b) SIDE WALL (EARTH FACE) - 50mm
- SAFE BEARING CAPACITY AT FOUNDING LEVEL IS 5t/m² AND SAME SHALL BE VERIFIED AT SITE BEFORE EXECUTION WORK.
- FOR ANCHORAGE LENGTH & DEVELOPMENT LENGTH REFER GENERAL NOTE DRAWING.



DRAIN LAYOUT-PLAN
(SCALE 1:75)

FOR TENDER PURPOSE ONLY

REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
A	240111	2	TEMPLATE REVISED	BVN	TAM	ABSR	BRT
0	231129	2	FOR APPROVAL	BVN	TAM	ABSR	Sd/- BRT Sd/-

NOTES:

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: NUMERATION & RC DETAILS OF CAST-IN-SITU LONGITUDINAL DRAIN

PROJECT NO: C1232704

COP: SCALE: AS SHOWN

DRAWING NO: DDD 002

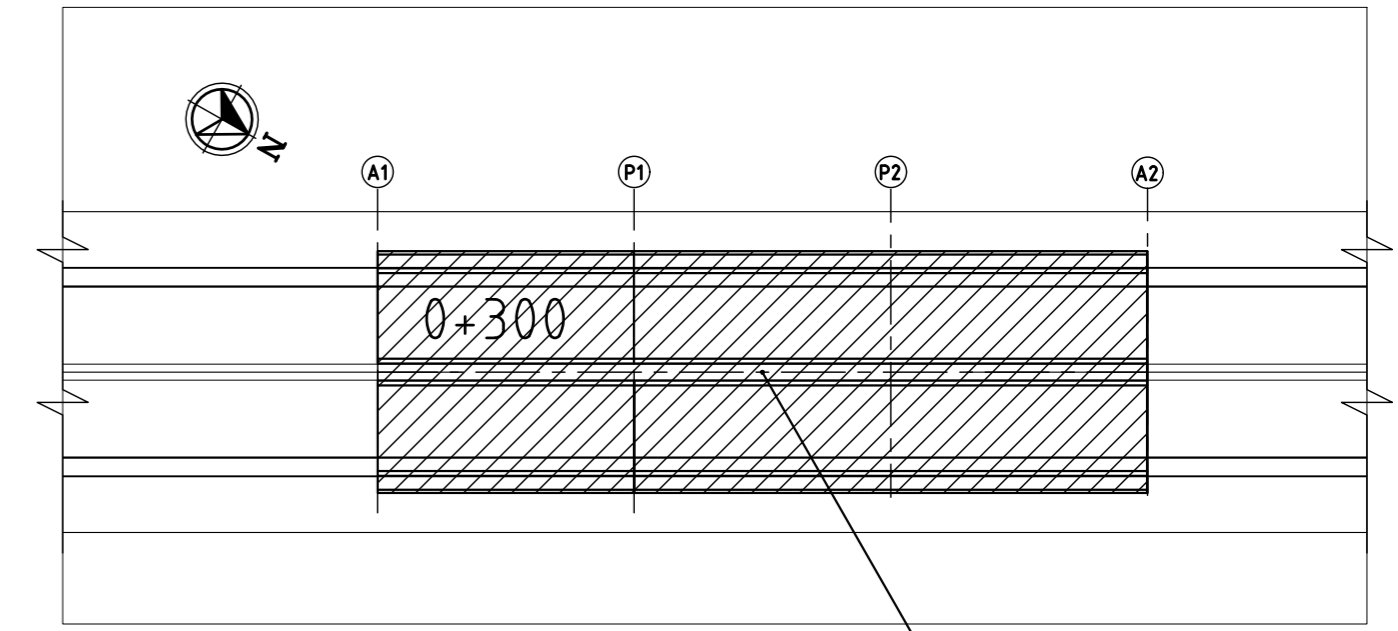
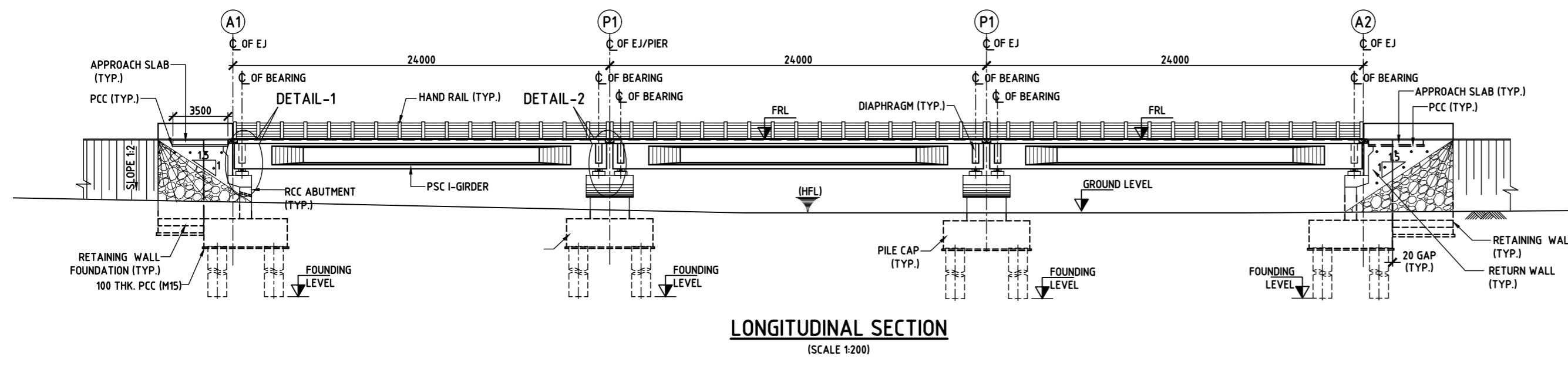
REV: A

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

Engineering Ltd. IN CONSORTIUM WITH: ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)

AUTO PATH: L:\ROADS\2023\CT32704 - DETAIL DESIGN FOR APBPA WORKING DRAWINGS\4-ROADS\RA\000002-RA-NUMERATION-RC-DETAILS OF CAST-IN-SITU LONGITUDINAL DRAIN.DWG

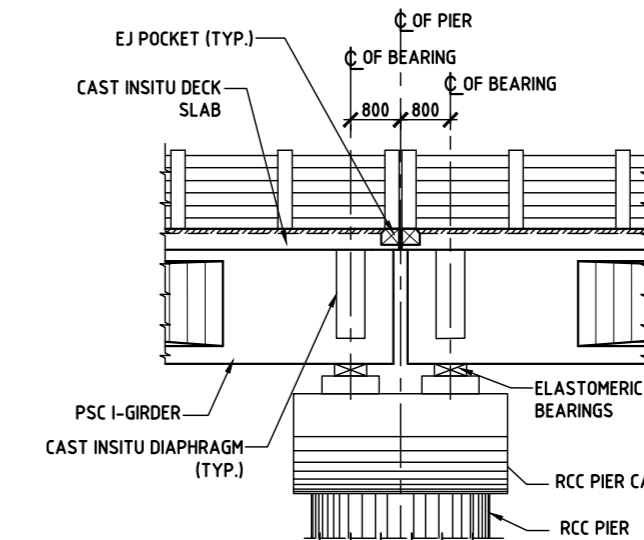
Structural Drawings



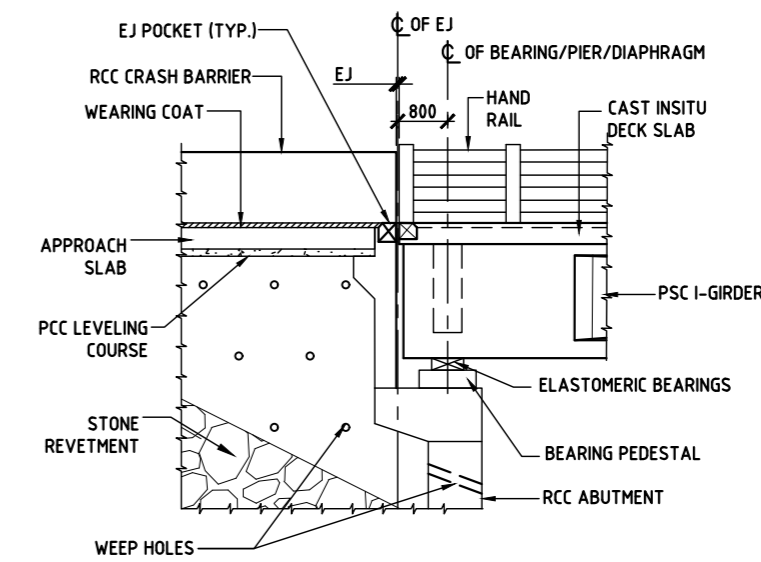
PROPOSED ROAD LEVEL'S	0+280.00 - 5.70	0+315.00 - 5.70	0+355.00 - 5.70	0+377.00 - 5.70	0+361.00 - 5.70
EXISTING GROUND LEVEL'S	1.823	1.298	1.075	1.000	1.000
CHAINAGE	0+280.00	0+315.00	0+355.00	0+377.00	0+361.00

KEY PLAN
(SCALE 1:500)

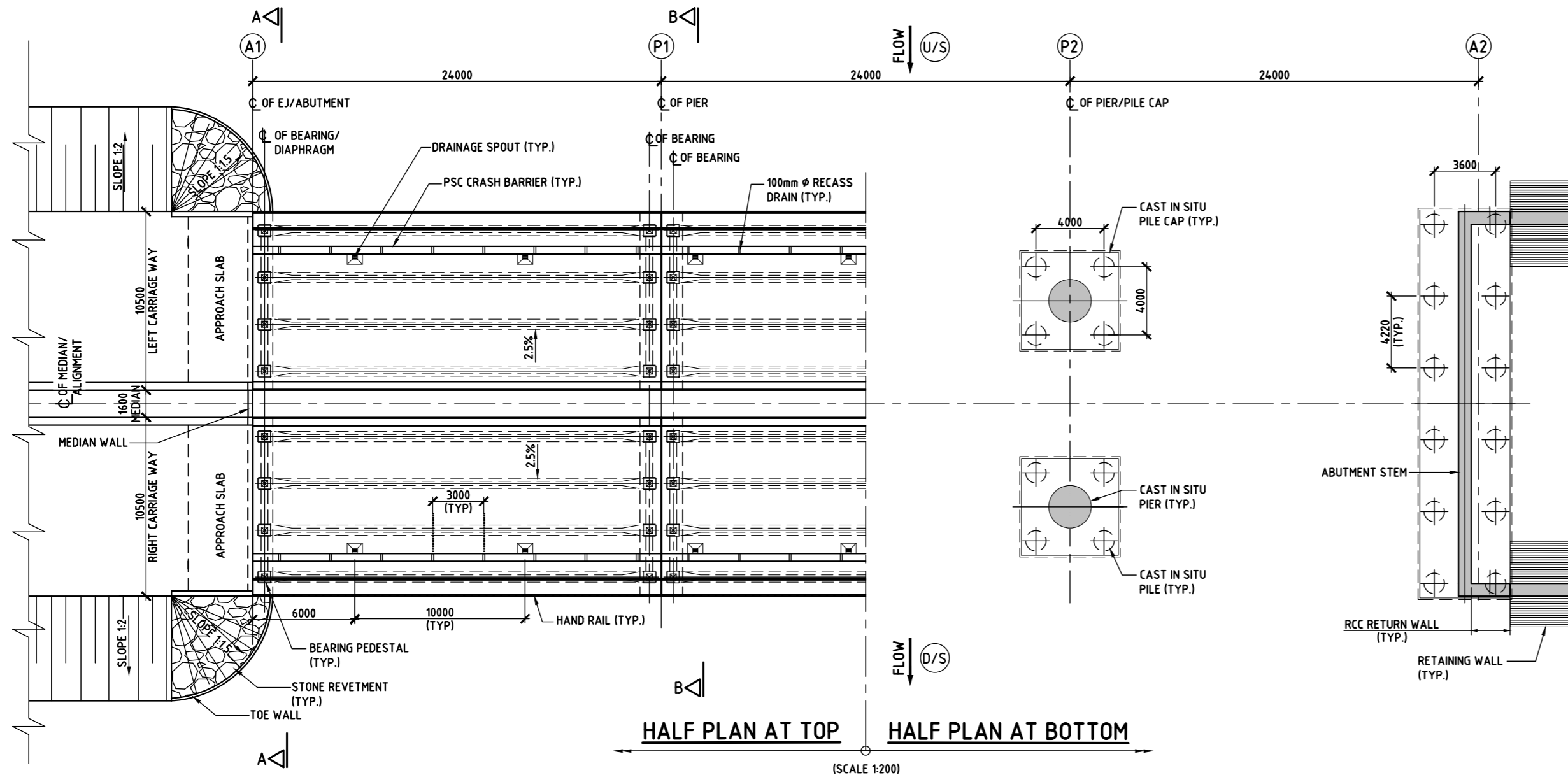
TYPE	MAJOR BRIDGE
STR NO	30-01
EXISTING CHAINAGE	-
DESIGN CHAINAGE	0+325
EXISTING	-
REMARKS	NEW
PROPOSAL	3x24m
SKREW ANGLE	-
EASTING	67884.3705
NORTHING	1918031.2488



DETAIL-2
(SCALE 1:75)



DETAIL-1
(SCALE 1:75)



HALF PLAN AT TOP
HALF PLAN AT BOTTOM
(SCALE 1:200)

LEGEND:

- FRL - FINISHED ROAD LEVEL
- HFL - HIGH FLOW LEVEL
- GL - GROUND LEVEL

FOR TENDER PURPOSE ONLY

- NOTES**
- ALL DIMENSIONS ARE IN MILLIMETRES, LEVELS & CHAINAGE ARE IN METRES UNLESS MENTIONED OTHERWISE.
 - DIMENSIONS ARE NOT TO BE SCALED, ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
 - THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE RELEVANT HIGHWAY PLAN AND PROFILE DRAWING.
 - FOR DETAILS OF CAMBER/SUPER ELEVATION REFER LATEST PLAN AND PROFILE DRAWING.
 - EXPANSION JOINTS SHALL BE STRIP SEAL JOINTS AS PER NORTH SPECIFICATION.

DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT.	SIGN.	INIT.	SIGN.
		A	24-01-11	2	TEMPLATE REVISED	ATJ	KMT	NRY	[Signature]	PML	[Signature]
		0	23-12-21	2	FOR APPROVAL	ATJ	KMT	NRY	Sd/-	PML	Sd/-
REVISIONS											
REFERENCE DRAWINGS											
STATUS CODES						1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:					

CLIENT: **ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIC)**

PROJECT: **SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH**

TITLE: **MAJOR BRIDGE-04 AT CH - 0+325**

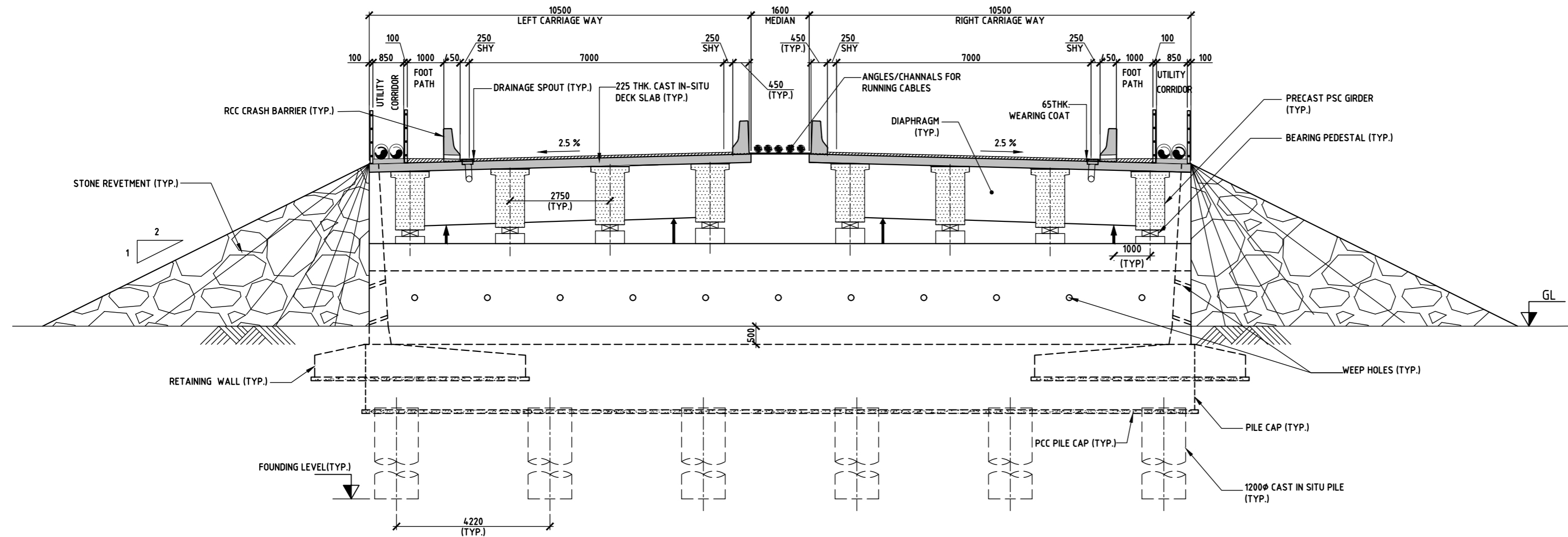
GENERAL ARRANGEMENT DRAWING FOR MAJOR BRIDGE ON ROAD NO:30-01 (SH 1 OF 2)

PROJECT NO: **C1232704**

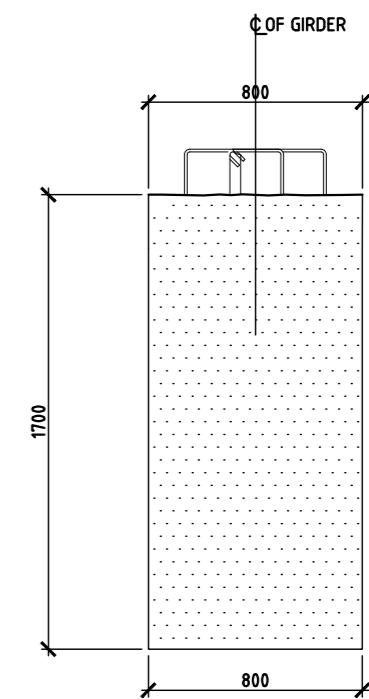
COP: **AS SHOWN**

DRAWING NO: **DDG 001 A**

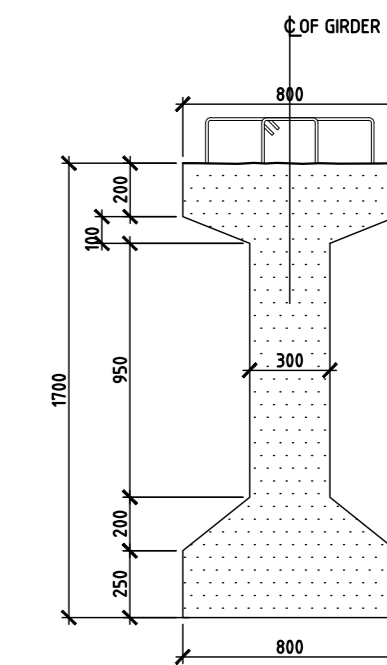
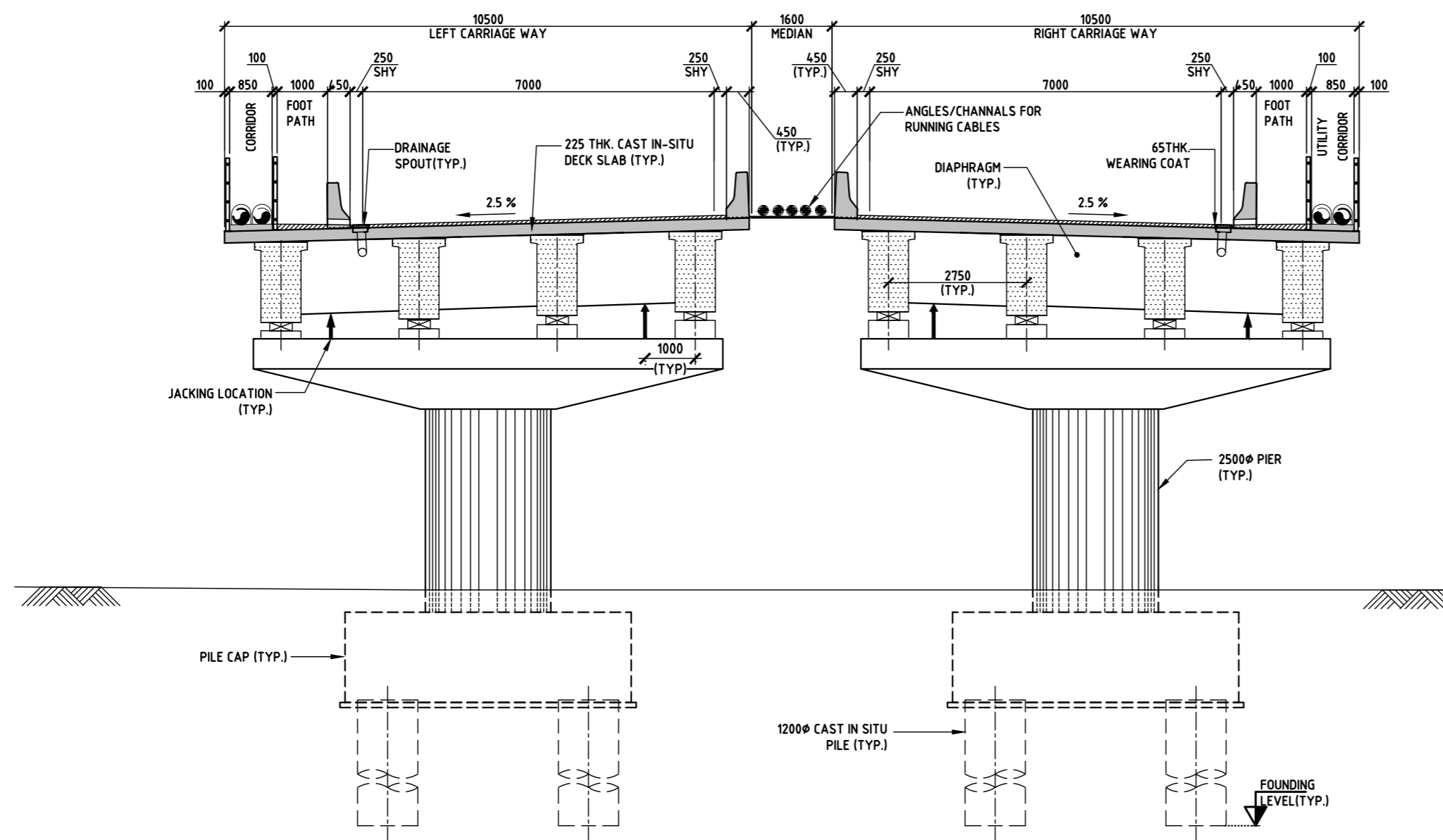
IN CONSORTIUM WITH:
L&T Infrastructure Engineering Ltd.
ARTELIA Consulting Engineers Ltd.
 (Formerly Mahindra Consulting Engineers Ltd.)



SECTION A-A
(SCALE 1:75)



**GIRDER - END PORTION
CROSS SECTION DETAILS**
(SCALE 1:20)



**GIRDER - MID PORTION
CROSS SECTION DETAILS**
(SCALE 1:20)

FOR TENDER PURPOSE ONLY

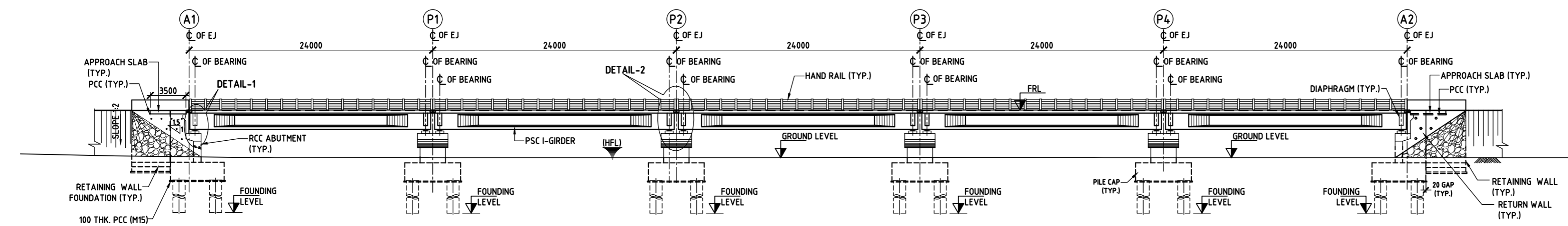
- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETRES, LEVELS & CHAINAGE ARE IN METRES UNLESS MENTIONED OTHERWISE.
 2. DIMENSIONS ARE NOT TO BE SCALED, ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
 3. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE RELEVANT HIGHWAY PLAN AND PROFILE DRAWING.
 4. FOR DETAILS OF CAMBER/SUPER ELEVATION REFER LATEST PLAN AND PROFILE DRAWING.
 5. EXPANSION JOINTS SHALL BE STRIP SEAL JOINTS AS PER MORTH SPECIFICATION.

REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT.	SIGN.	INIT.	SIGN.
A	24-01-11	2	TEMPLATE REVISED	ATJ	KMT	NRV	sd/-	PML	ex/-
0	23-12-21	2	FOR APPROVAL	ATJ	KMT	NRV	sd/-	PML	sd/-
REVISIONS									
STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:									
DRAWING NO.		TITLE							
4		REFERENCE DRAWINGS							

This drawing is the property of L&T Infrastructure Engineering Ltd and must not be passed on to any person without the prior written permission of the company. Any person who makes use of this drawing in any way without the prior written permission of the company shall be liable for any damages or costs incurred by the company.

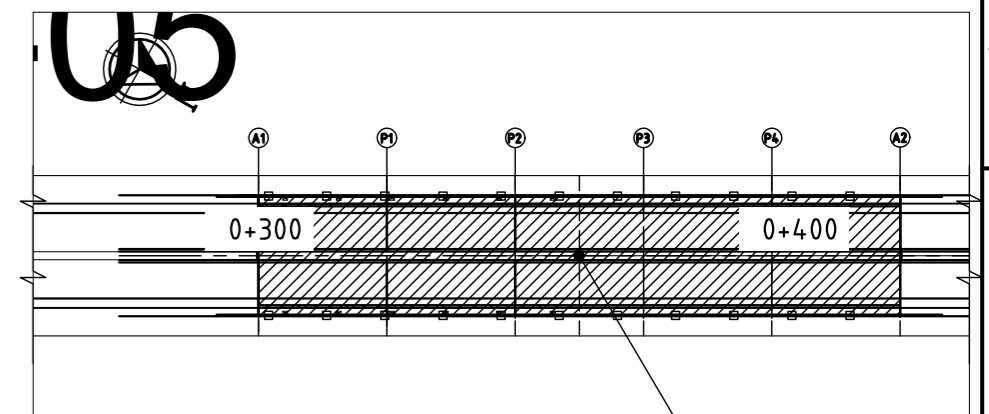
PATH: REFER BOTTOM CORNER OF THE DRAWING

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIC)		PROJECT NO: C1232704
PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH		COP: AS SHOWN
TITLE: MAJOR BRIDGE-04 AT CH - 0+325 GENERAL ARRANGEMENT DRAWING FOR MAJOR BRIDGE ON ROAD NO:30-01 (SH 2 OF 2)		DRAWING NO: DDG 001 A
L&T Infrastructure Engineering Ltd.		IN CONSORTIUM WITH: ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)



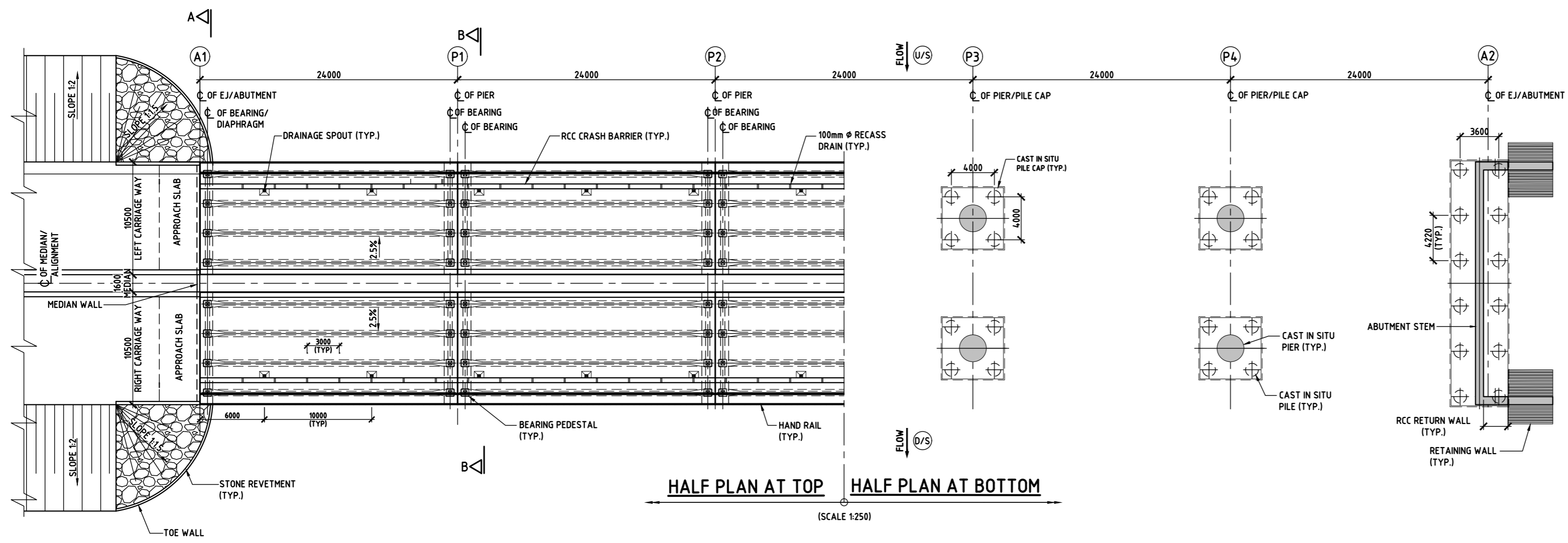
LONGITUDINAL SECTION
(SCALE 1:250)

PROPOSED ROAD LEVEL'S	EXISTING GROUND LEVEL'S	CHAINAGE
0+358.75	0+322.75	0+358.75
0+358.75	0+322.75	0+398.75
0+358.75	0+322.75	0+438.75
0+358.75	0+322.75	0+478.75
0+358.75	0+322.75	0+518.75
0+358.75	0+322.75	0+558.75

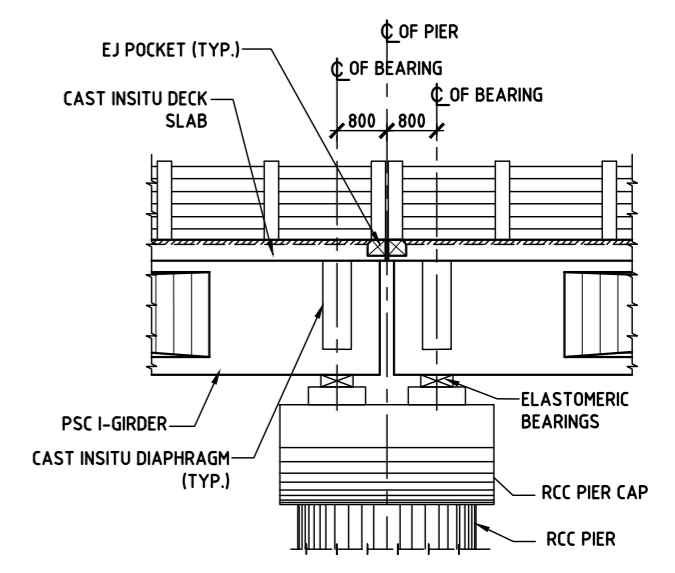


KEY PLAN
(SCALE 1:1000)

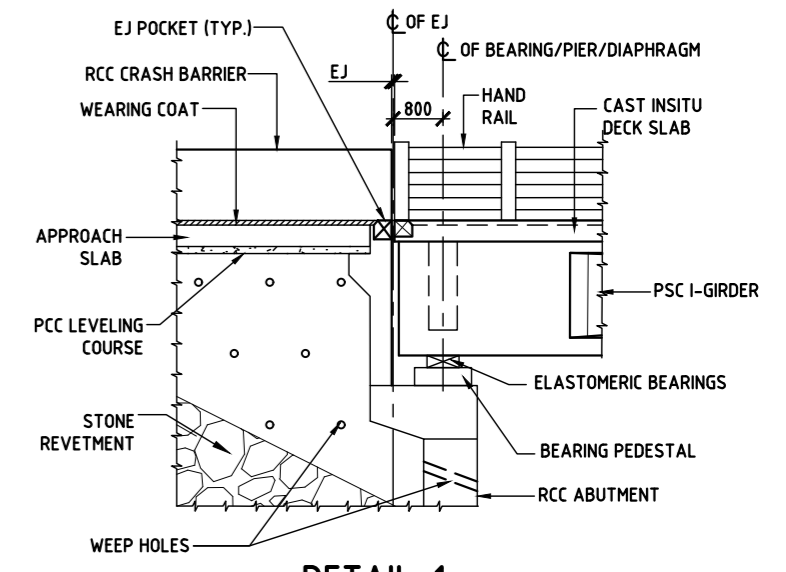
TYPE	MAJOR BRIDGE
STR NO	32-05
EXISTING CHAINAGE	-
DESIGN CHAINAGE	0+358.75
EXISTING	-
REMARKS	NEW
PROPOSAL	5x24m
SKEW ANGLE	-
EASTING	679810.6947
NORTHING	1918616.2428



HALF PLAN AT TOP **HALF PLAN AT BOTTOM**
(SCALE 1:250)



DETAIL-2
(SCALE 1:75)



DETAIL-1
(SCALE 1:75)

LEGEND:

FRL	-	FINISHED ROAD LEVEL
HFL	-	HIGH FLOW LEVEL
GL	-	GROUND LEVEL

FOR TENDER PURPOSE ONLY

- NOTES**
- ALL DIMENSIONS ARE IN MILLIMETRES, LEVELS & CHAINAGE ARE IN METRES UNLESS MENTIONED OTHERWISE.
 - DIMENSIONS ARE NOT TO BE SCALED, ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
 - THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ROAD NETWORK PLAN DRAWING AND PROFILE DRAWING.
 - FOR DETAILS OF CAMBER/SUPER ELEVATION REFER LATEST PLAN AND PROFILE DRAWING.
 - EXPANSION JOINTS SHALL BE STRIP SEAL JOINTS AS PER NORTH SPECIFICATION.

REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT.	SIGN.	INIT.	SIGN.
A	24-01-11	2	TEMPLATE REVISED	ATJ	KMT	NRY	Sd/-	PML	Sd/-
0	23-12-21	2	FOR APPROVAL	ATJ	KMT	NRY	Sd/-	PML	Sd/-

REVISIONS

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: MAJOR BRIDGE-03 AT CH - 0+385.75
GENERAL ARRANGEMENT DRAWING FOR MAJOR BRIDGE ON ROAD NO:32-05 (SH 1 OF 2)

PROJECT NO: C1232704

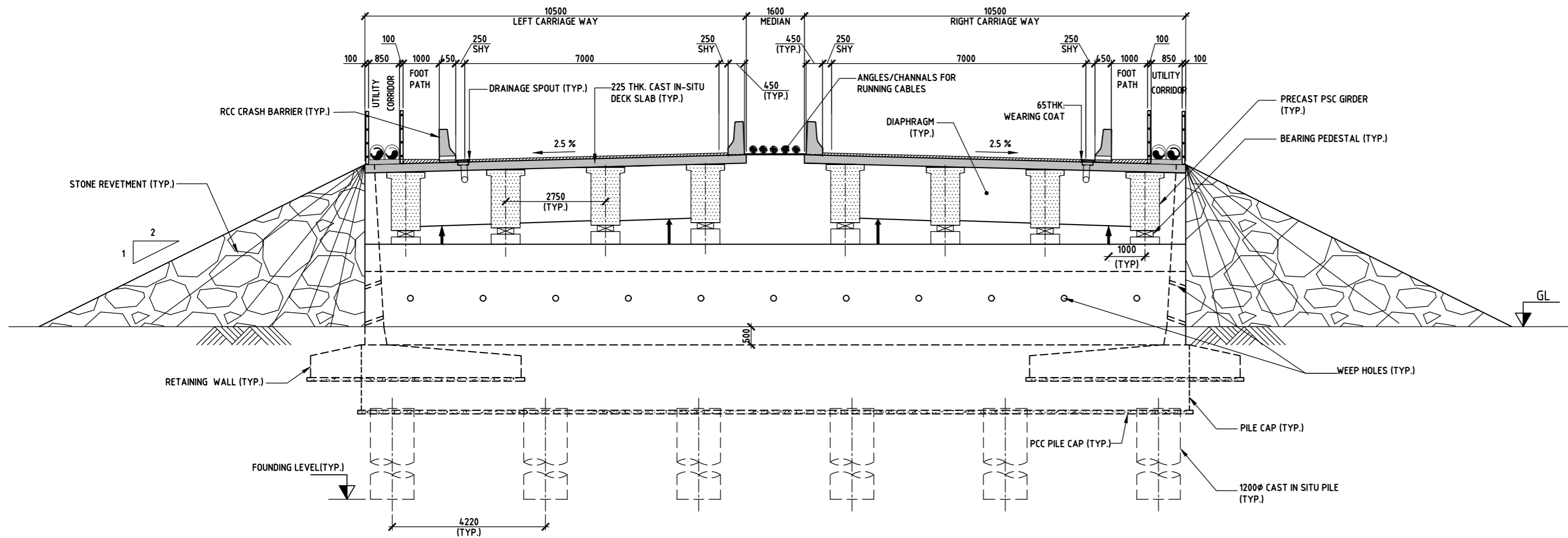
COP: AS SHOWN

DRAWING NO: DDG 002 A

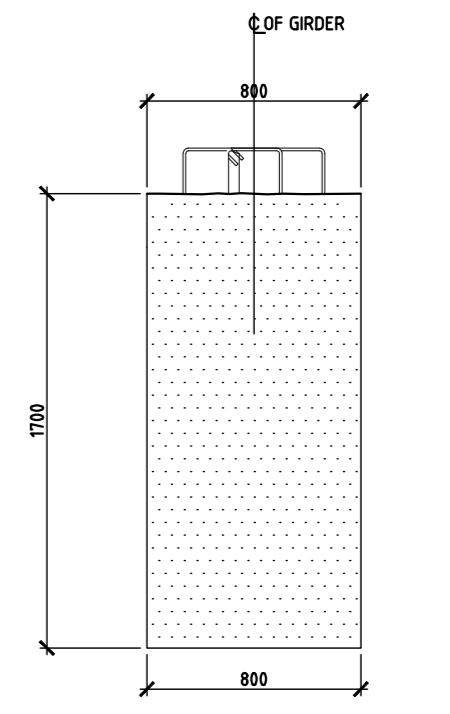
IN CONSORTIUM WITH: ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)

L&T Infrastructure Engineering Ltd.

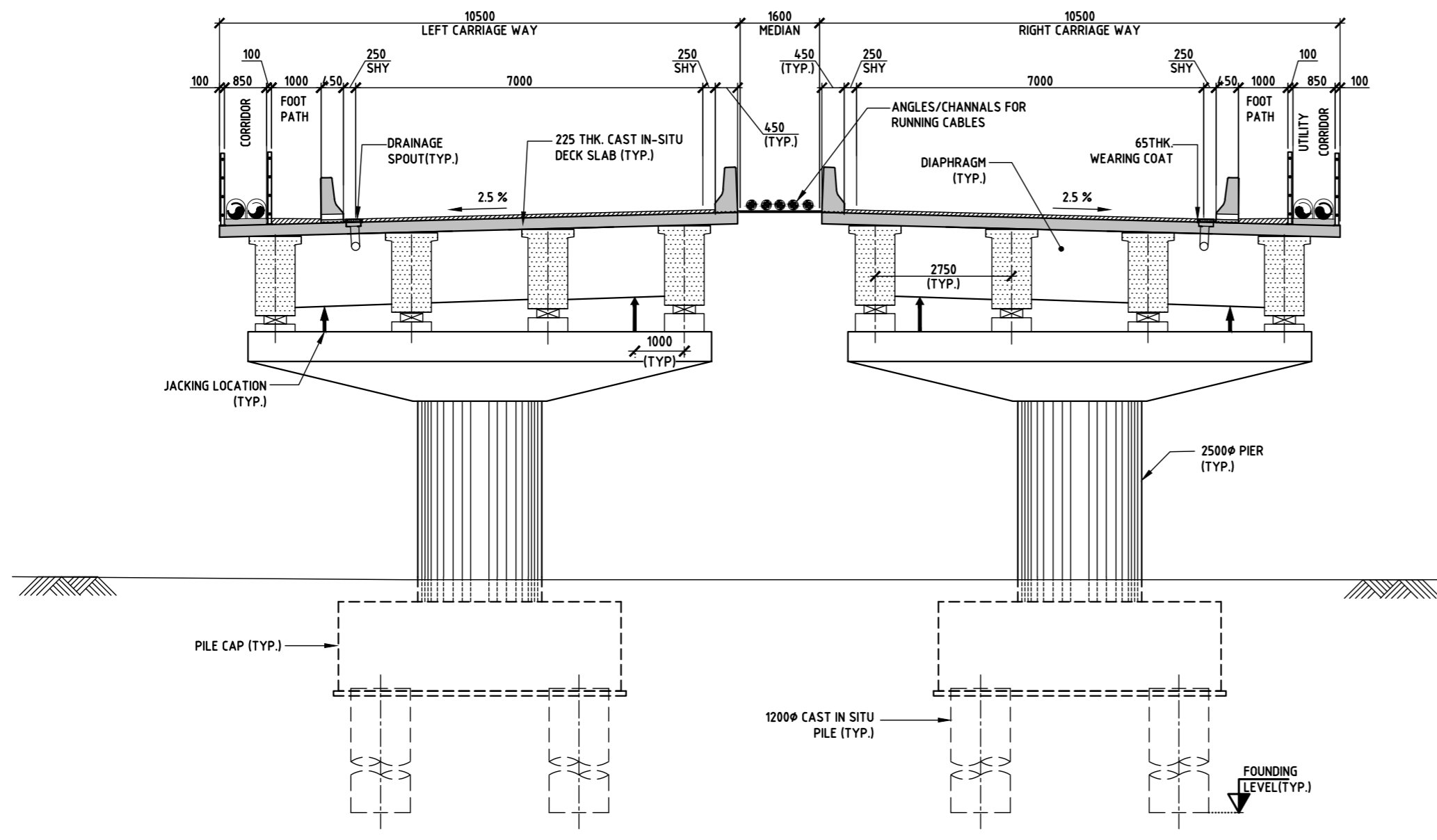
ARTELIA



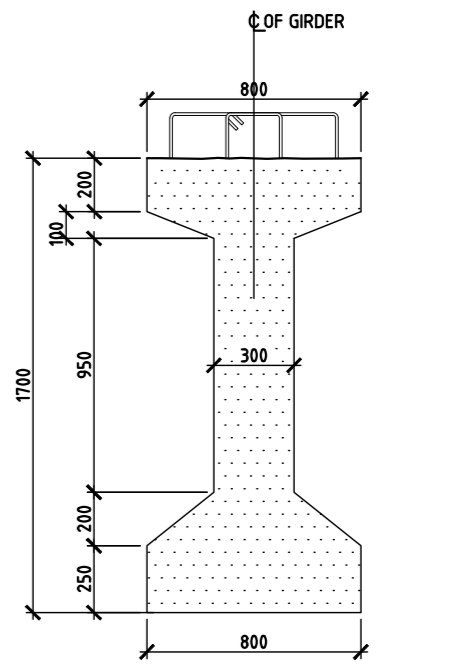
SECTION A-A
(SCALE 1:75)



**GIRDER - END PORTION
CROSS SECTION DETAILS**
(SCALE 1:20)



SECTION B-B
(SCALE 1:75)



**GIRDER - MID PORTION
CROSS SECTION DETAILS**
(SCALE 1:20)

LEGEND:

FRL	-	FINISHED ROAD LEVEL
HFL	-	HIGH FLOW LEVEL
GL	-	GROUND LEVEL

FOR TENDER PURPOSE ONLY

- NOTES**
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 - THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ROAD NETWORK PLAN DRAWING AND PROFILE DRAWING.
 - FOR DETAILS OF CAMBER/SUPER ELEVATION REFER LATEST PLAN AND PROFILE DRAWING.
 - EXPANSION JOINTS SHALL BE STRIP SEAL JOINTS AS PER NORTH SPECIFICATION.

DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT.	SIGN.	INIT.	SIGN.
		A	24-01-11	2	TEMPLATE REVISED	ATJ	KMT	NRY	[Signature]	PML	[Signature]
		0	23-12-21	2	FOR APPROVAL	ATJ	KMT	NRY	Sd/-	PML	Sd/-
REVISIONS											
REFERENCE DRAWINGS											
STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:											

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: MAJOR BRIDGE-03 AT CH - 0+358.75
GENERAL ARRANGEMENT DRAWING FOR MAJOR BRIDGE ON ROAD NO:32-05 (SH 2 OF 2)

PROJECT NO: C1232704

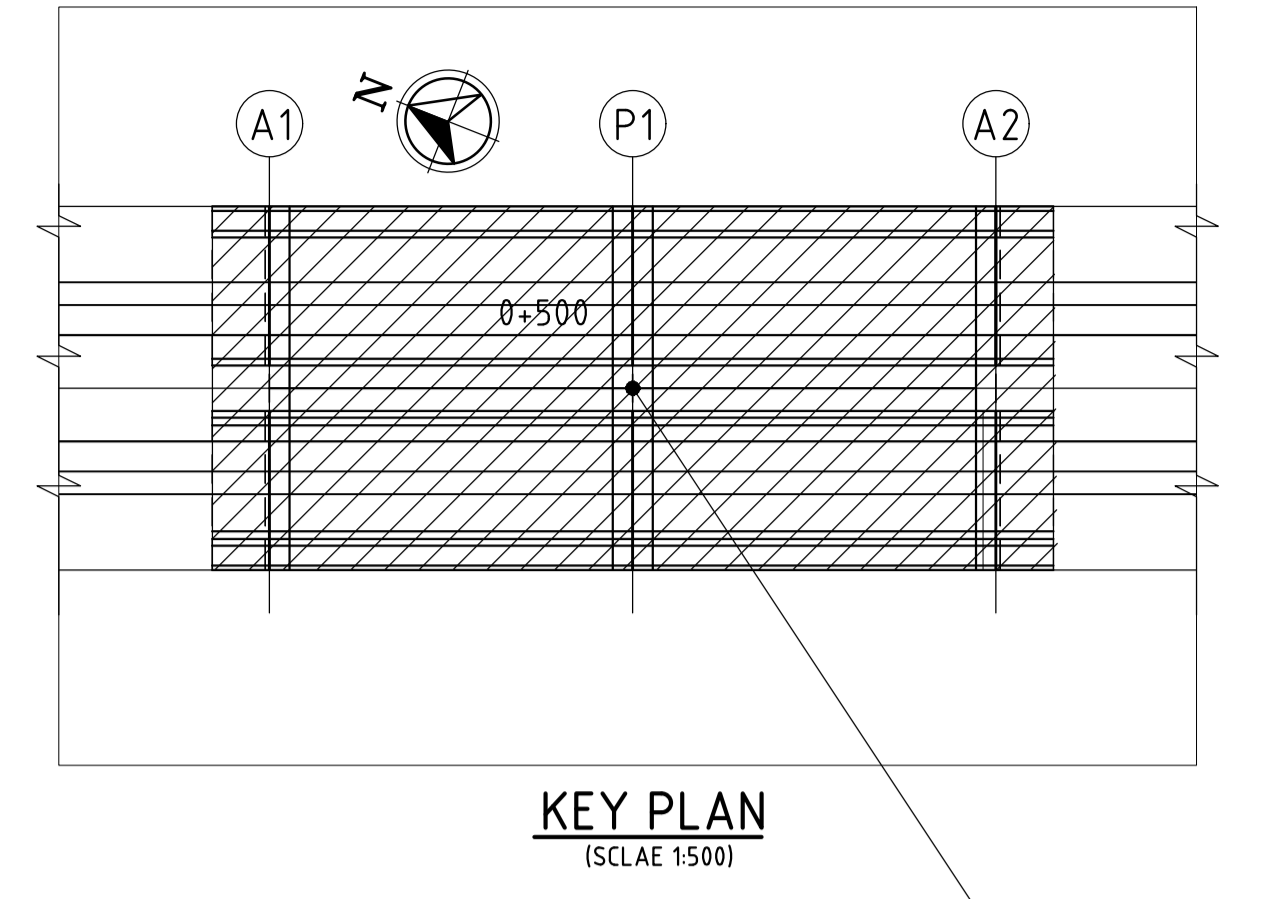
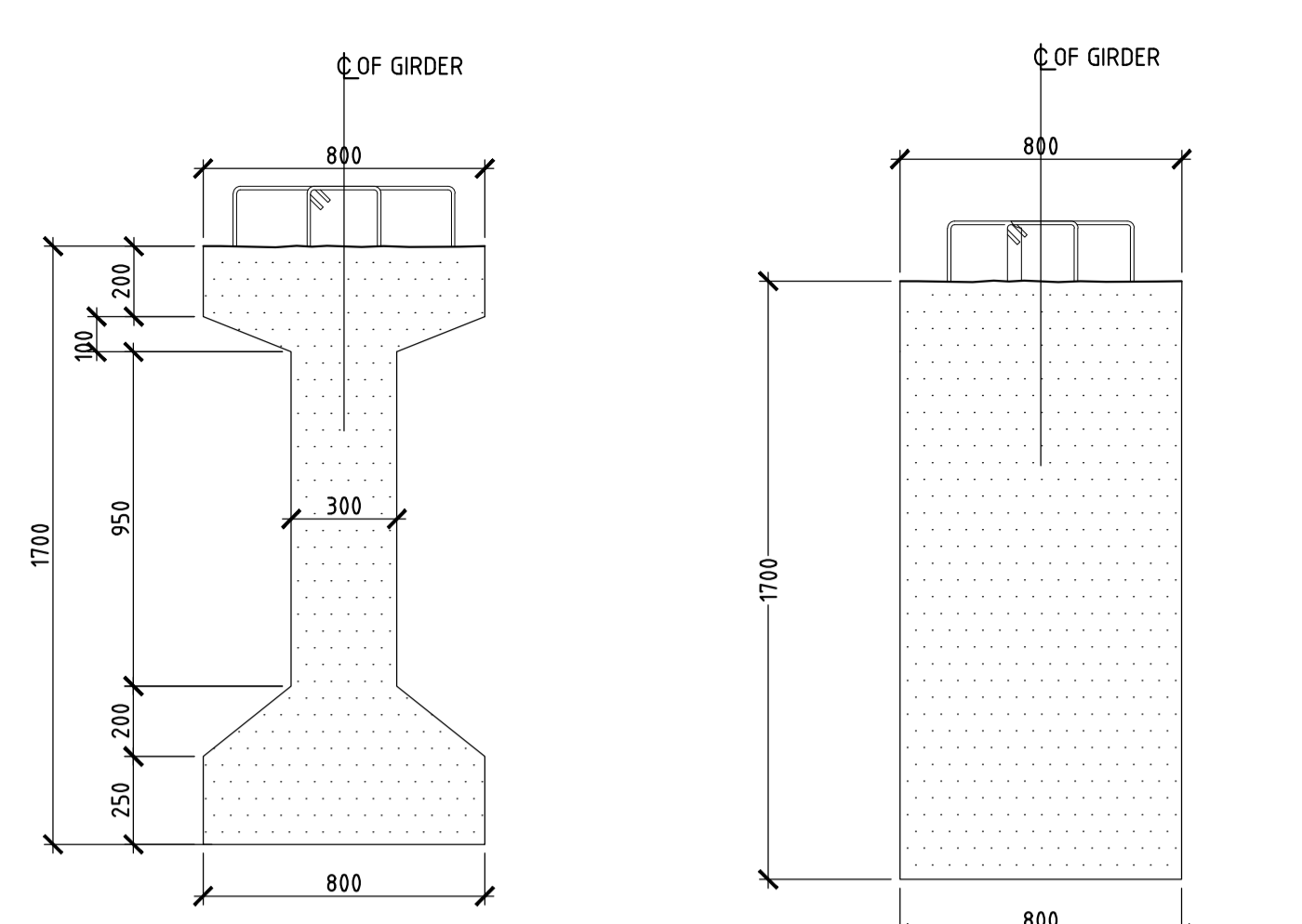
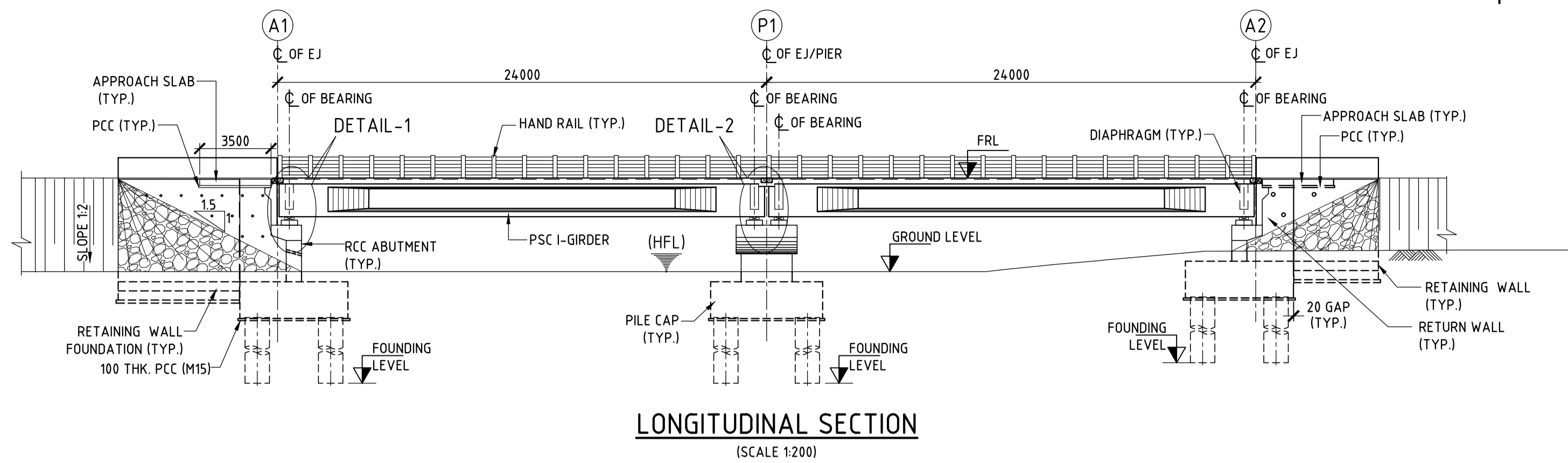
COP: AS SHOWN

DRAWING NO: DDG 002 A

IN CONSORTIUM WITH: ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)

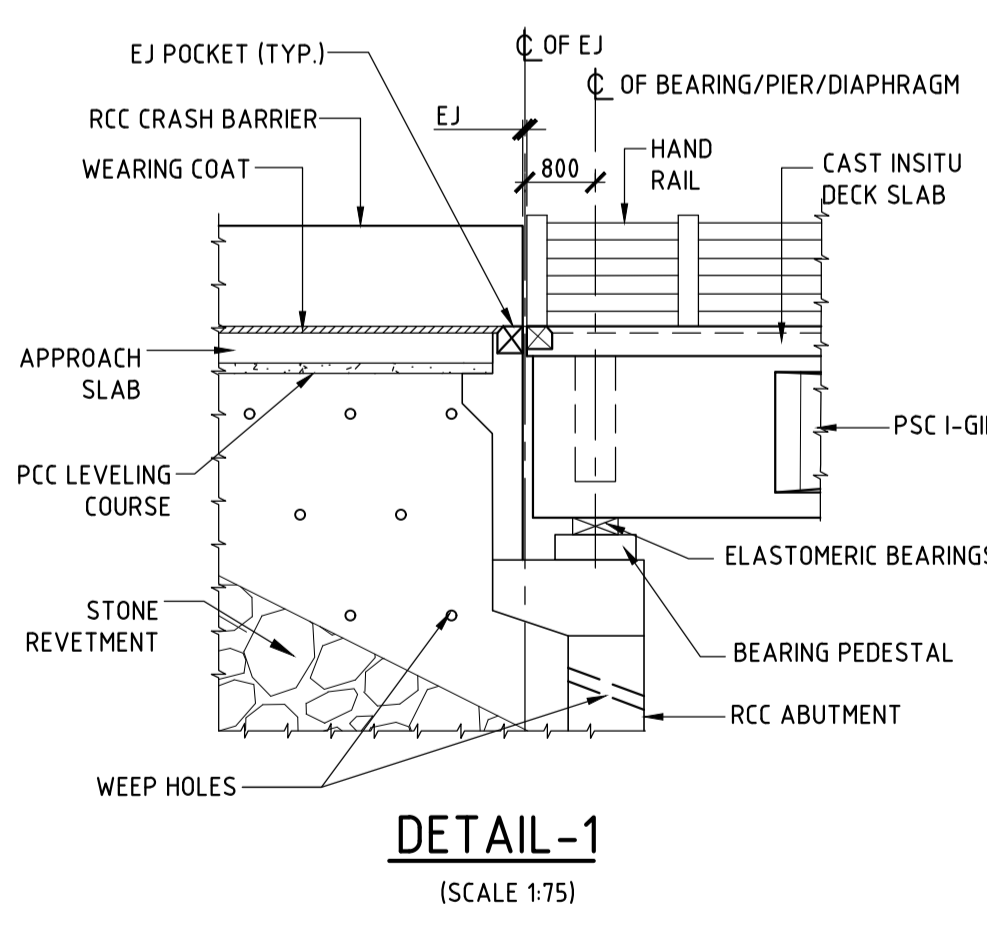
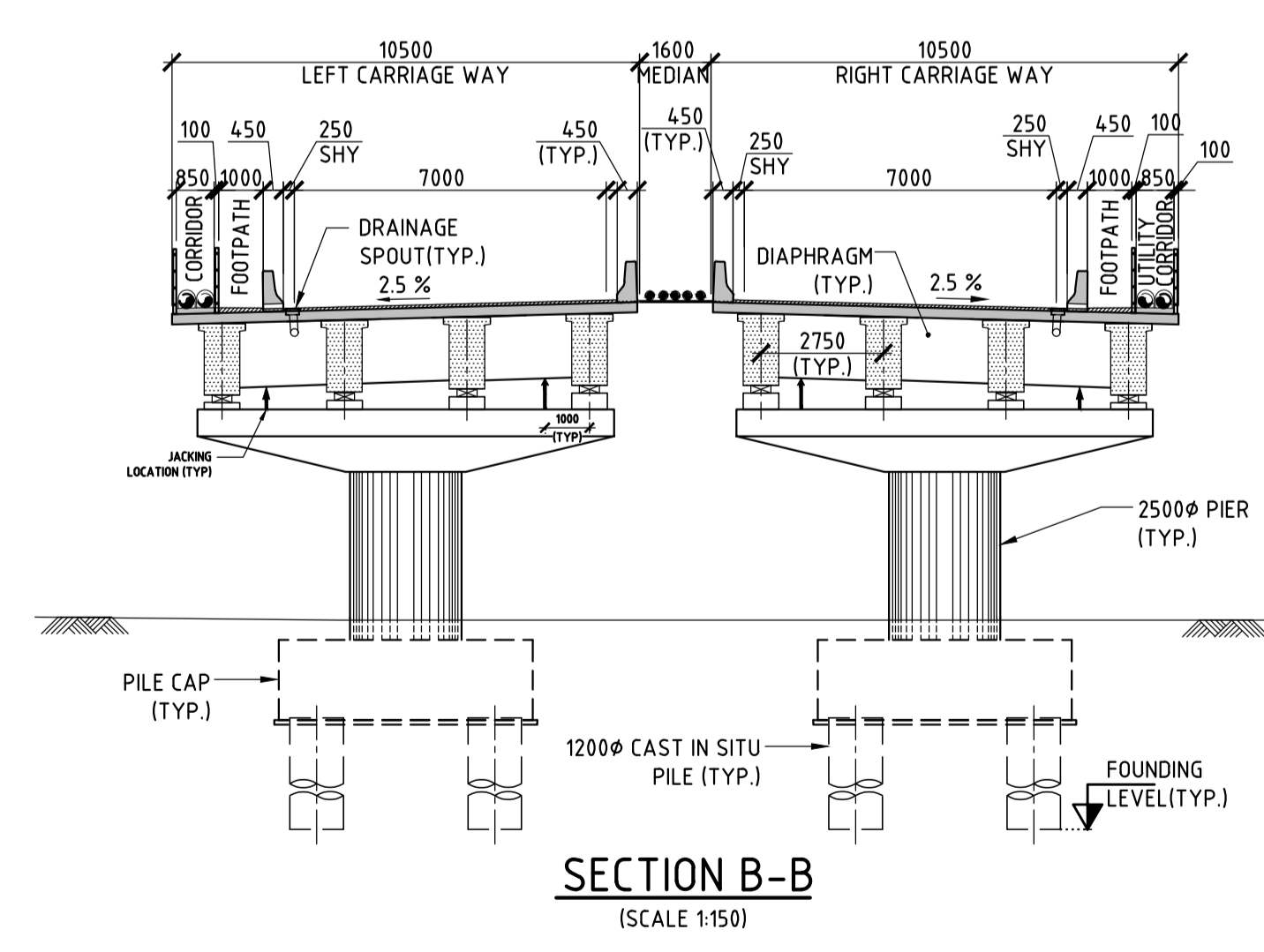
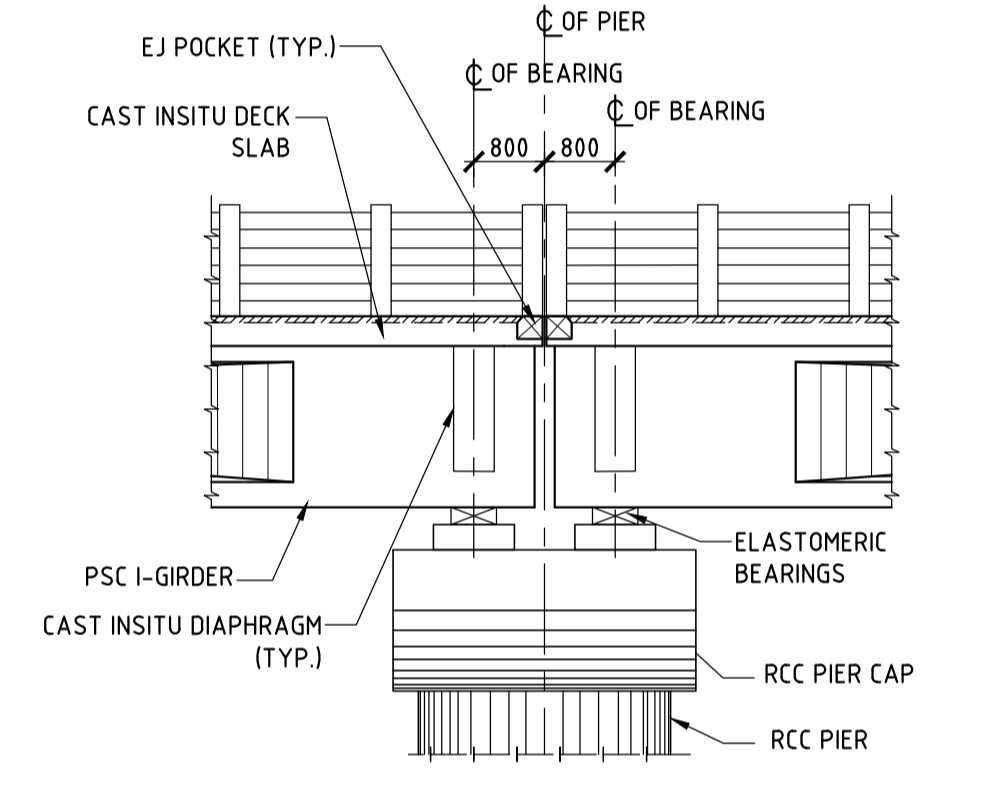
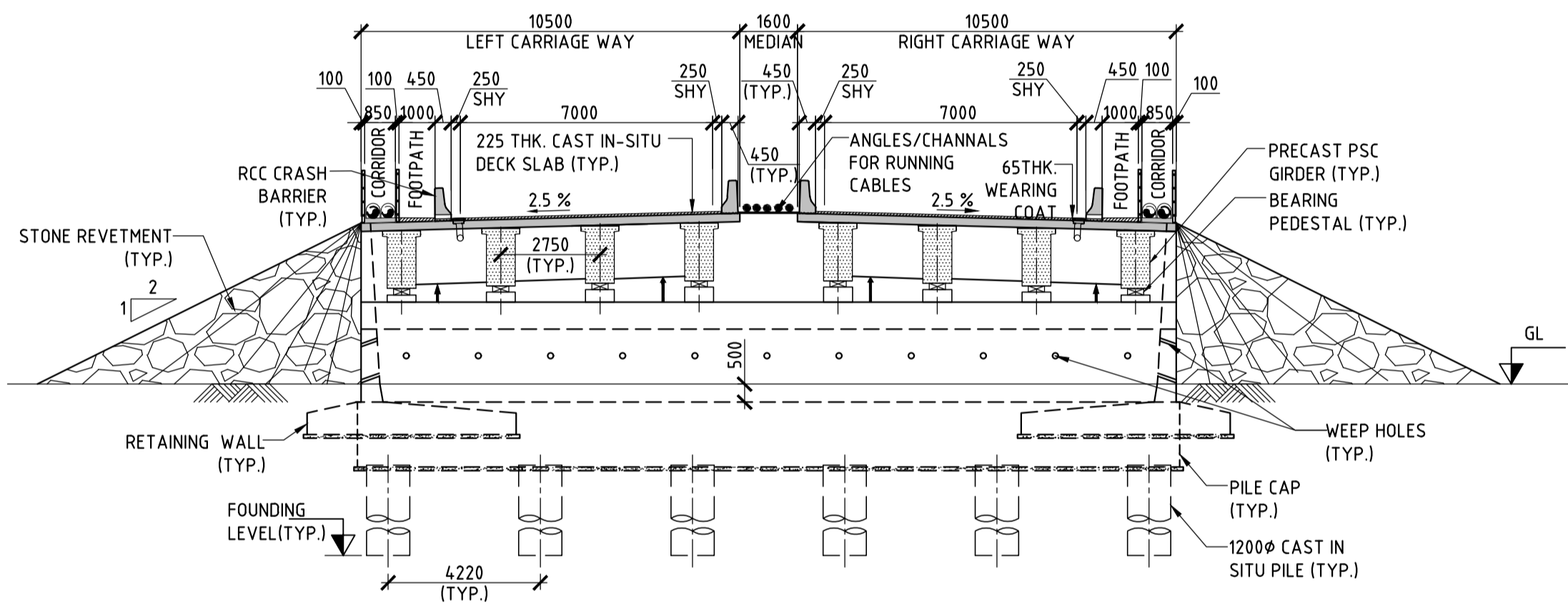
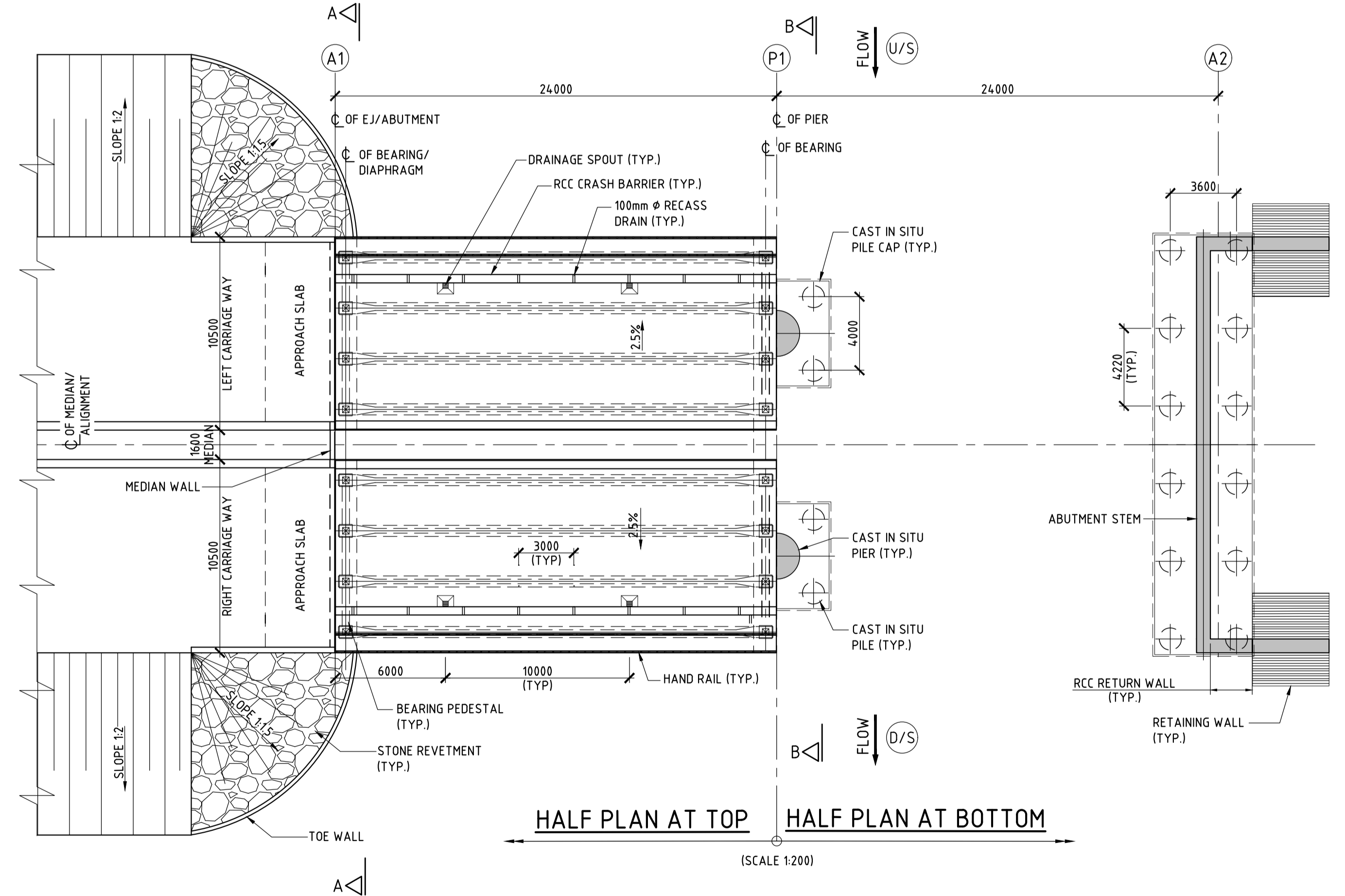
L&T Infrastructure Engineering Ltd.

Plot scale: 1:50m



PROPOSED ROAD LEVEL'S	6.985	6.985	6.985
EXISTING GROUND LEVEL'S	2.857	2.000	2.000
CHAINAGE	0+481.921 - 2.887	0+505.921 - 2.000	0+528.921 - 2.000

TYPE	MINOR BRIDGE
STR NO	24-02
EXISTING CHAINAGE	-
DESIGN CHAINAGE	0+505.921
EXISTING	-
REMARKS	NEW
PROPOSAL	2x24m
SKEW ANGLE	-
EASTING	680646.7470
NORTHING	1919275.9836



LEGEND:

FRL	-	FINISHED ROAD LEVEL
HFL	-	HIGH FLOW LEVEL
GL	-	GROUND LEVEL

NOTES

- ALL DIMENSIONS ARE IN MILLIMETRES, LEVELS & CHAINAGE ARE IN METRES UNLESS MENTIONED OTHERWISE.
- DIMENSIONS ARE NOT TO BE SCALED, ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ROAD NETWORK PLAN AND PROFILE DRAWINGS.
- FOR DETAILS OF CAMBER/SUPER ELEVATION REFER LATEST PLAN AND PROFILE DRAWING.
- EXPANSION JOINTS SHALL BE STRIP SEAL JOINTS AS PER NORTH SPECIFICATION.

REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT.	SIGN.	CHECKED	APPROVED
A	24-01-11	2	TEMPLATE REVISED	ATJ	KMT	NRY	PML		
0	23-12-21	2	FOR APPROVAL	ATJ	KMT	NRY	Sd/-	PML	Sd/-

FOR TENDER PURPOSE ONLY

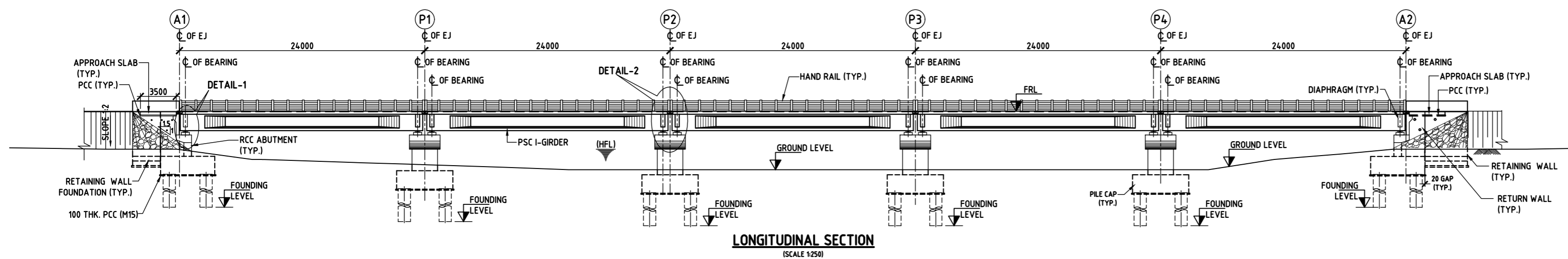
CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

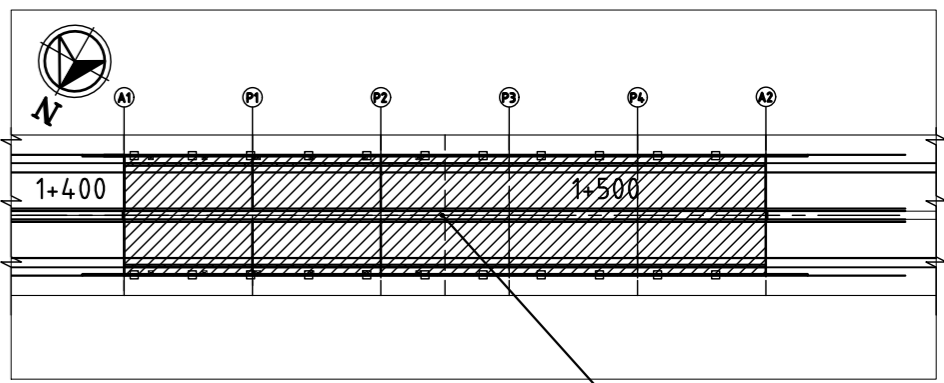
TITLE: MINOR BRIDGE-01 AT CH - 0+505.921
GENERAL ARRANGEMENT DRAWING FOR MINOR BRIDGE ON ROAD NO:24-02

PROJECT NO: C1232704
SCALE: AS SHOWN
DRAWING NO: DDG 003 A

L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH: ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)

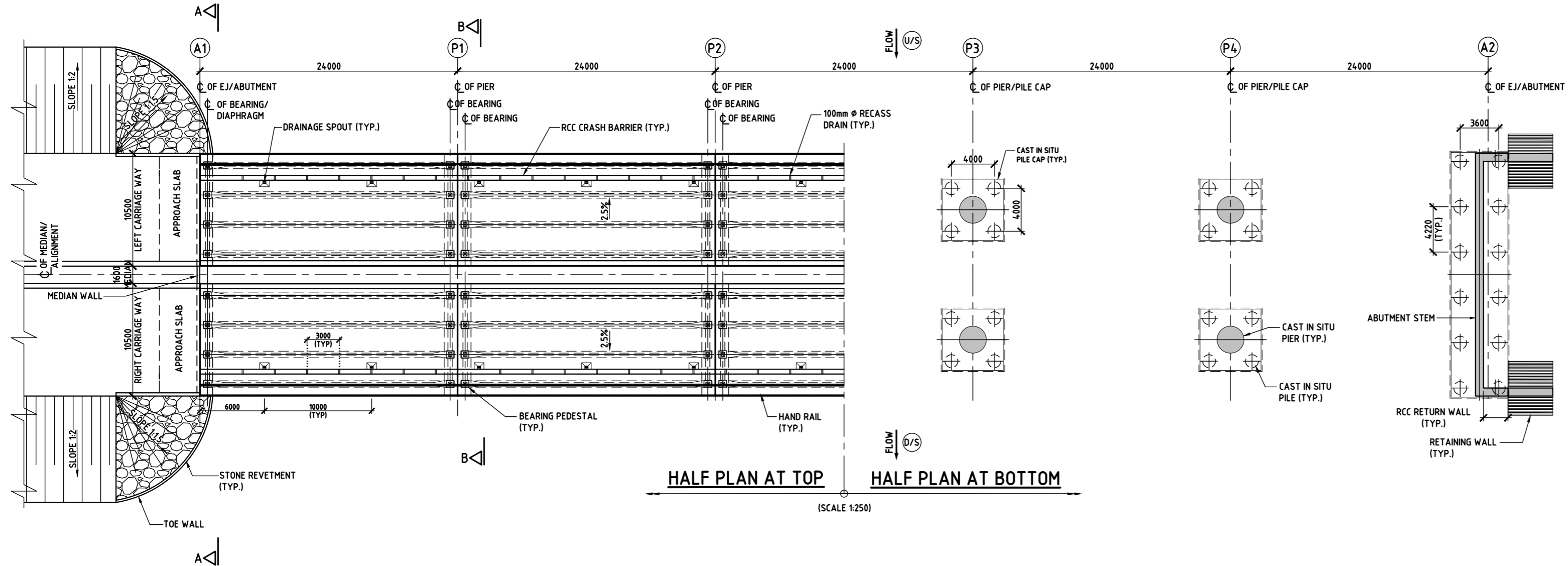
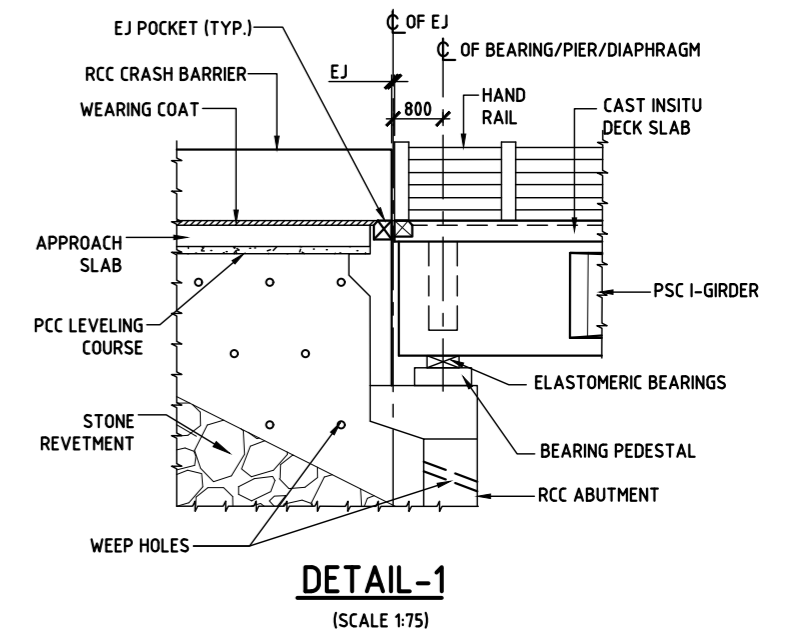
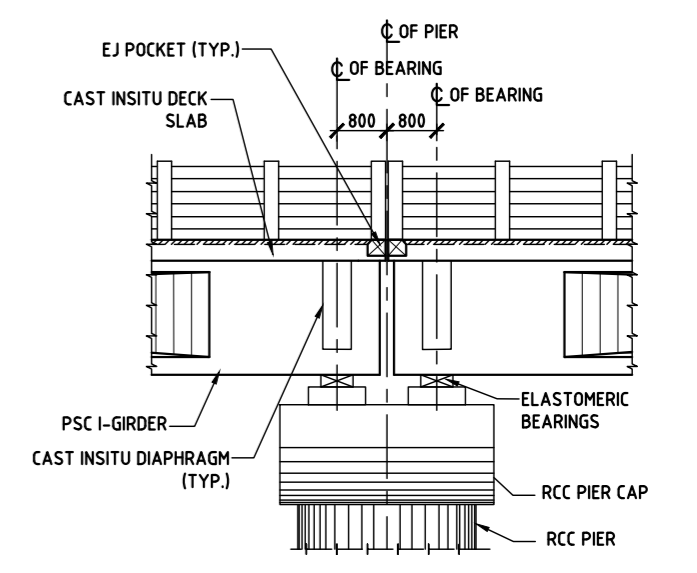


PROPOSED ROAD LEVEL'S	5.710	5.710	5.710	5.710	5.710	5.710	5.710
EXISTING GROUND LEVEL'S	1.86	0.433	0.000	0.000	0.000	0.035	2.001
CHAINAGE	1+410.00	1+434.00	1+458.00	1+470.00	1+482.00	1+506.00	1+530.00



KEY PLAN
(SCALE 1:1000)

TYPE	MAJOR BRIDGE
STR NO	32-02
EXISTING CHAINAGE	-
DESIGN CHAINAGE	1+470
EXISTING	-
REMARKS	NEW
PROPOSAL	5x24m
SKREW ANGLE	-
EASTING	680565.8179
NORTHING	1918630.9870



LEGEND:

- FRL - FINISHED ROAD LEVEL
- HFL - HIGH FLOW LEVEL
- GL - GROUND LEVEL

FOR TENDER PURPOSE ONLY

NOTES

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REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT.	SIGN.	INIT.	SIGN.
A	24-01-11	2	TEMPLATE REVISED	ATJ	KMT	NRV	Sd/-	PML	Sd/-
0	23-12-21	2	FOR APPROVAL	ATJ	KMT	NRV	Sd/-	PML	Sd/-

REVISIONS

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: MAJOR BRIDGE-02 AT CH - 1+470
GENERAL ARRANGEMENT DRAWING FOR MAJOR BRIDGE ON ROAD NO:32-02 (SH 1 OF 2)

PROJECT NO: C1232704

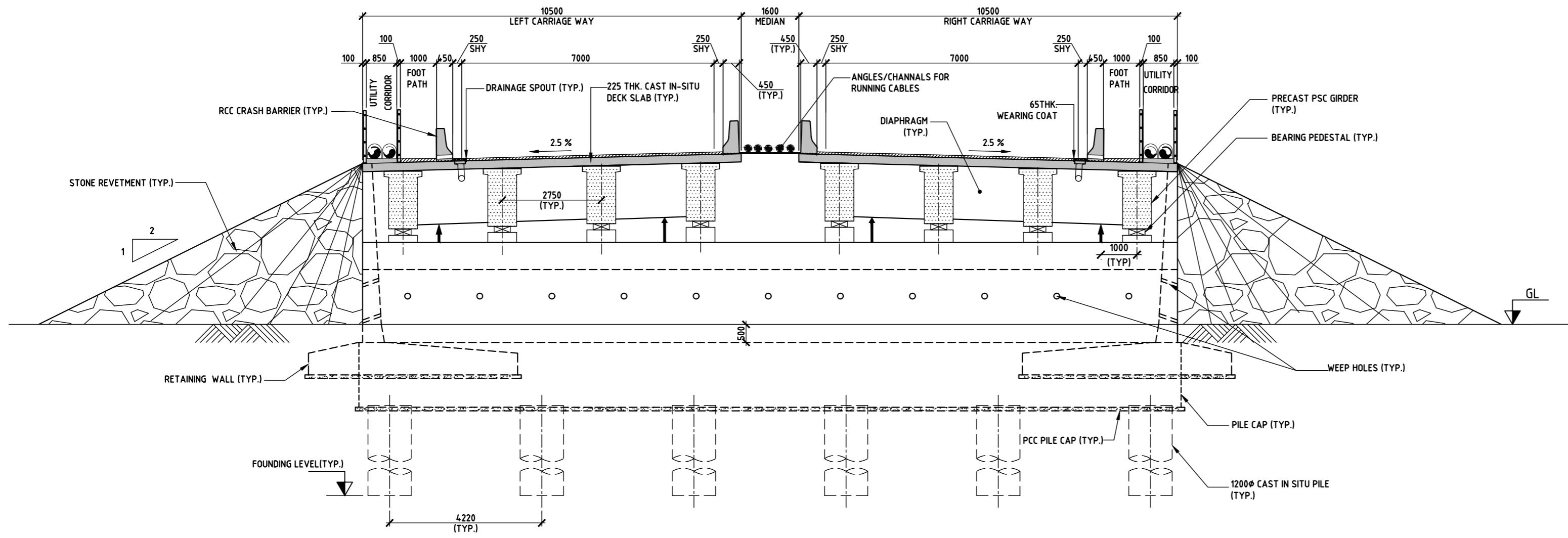
COP: AS SHOWN

DRAWING NO: DDG 004 A

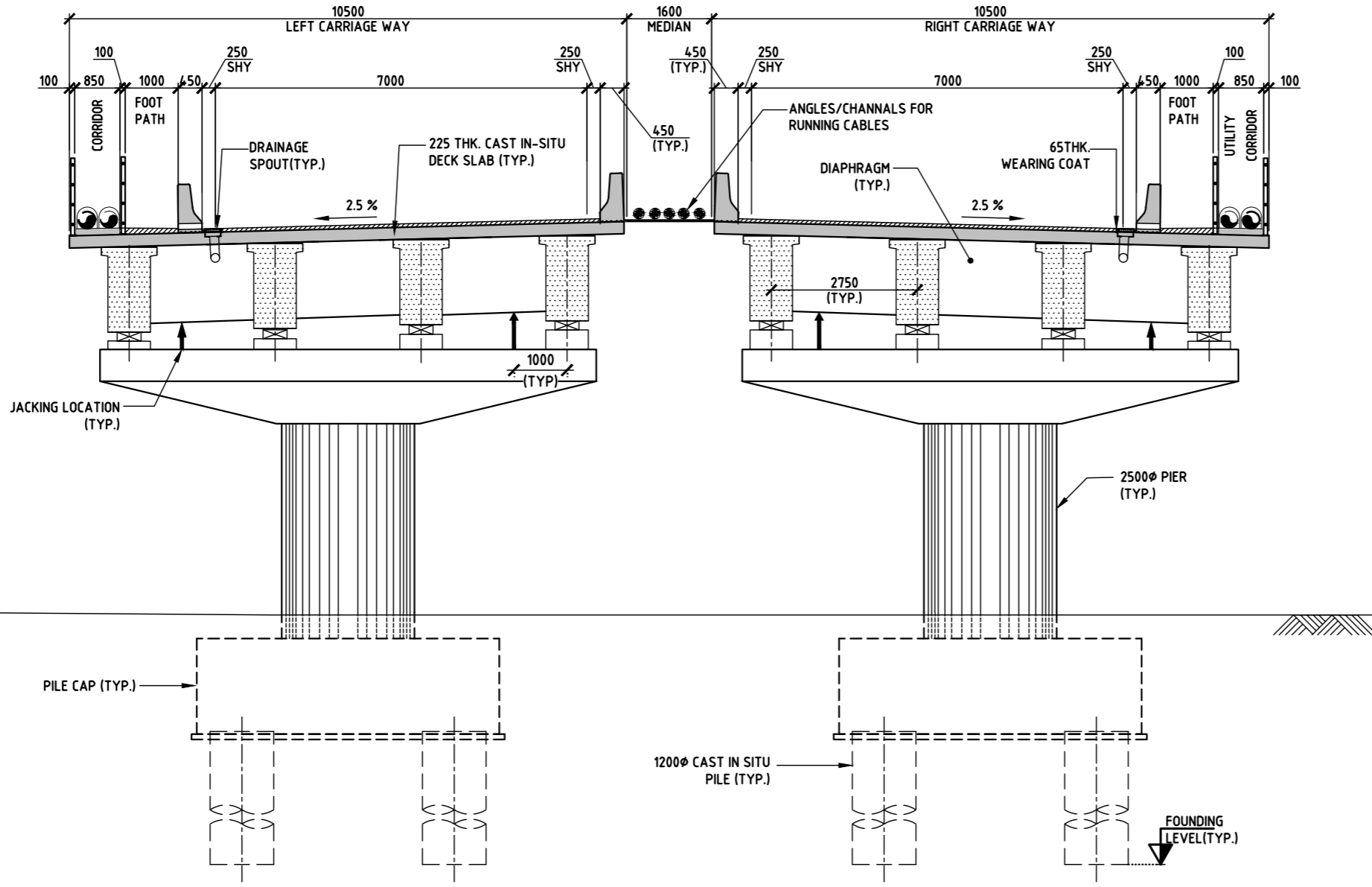
REV: AS SHOWN

COMPANIES: L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH: ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)

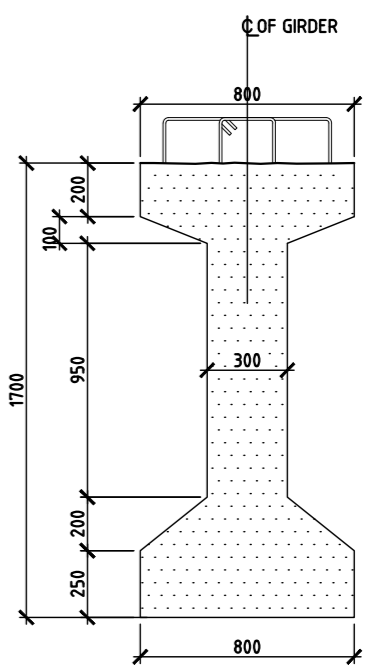
NOTES: This drawing is the property of L&T Infrastructure Engineering Ltd. and must not be passed on to any person without the written permission of the company. Any person who uses this drawing without the written permission of the company shall be liable for any consequences.



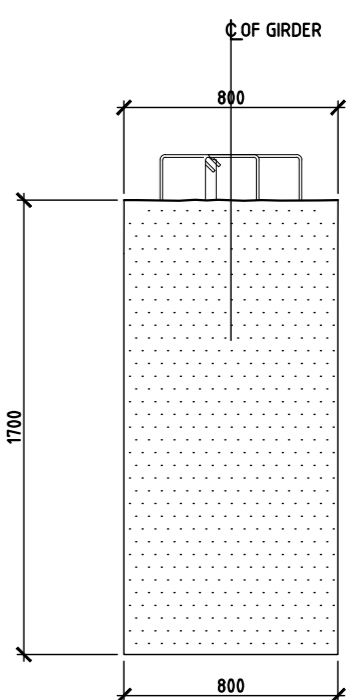
SECTION A-A
(SCALE 1:75)



SECTION B-B
(SCALE 1:75)



GIRDER - MID PORTION
CROSS SECTION DETAILS
(SCALE 1:20)



GIRDER - END PORTION
CROSS SECTION DETAILS
(SCALE 1:20)

LEGEND:

FRL	- FINISHED ROAD LEVEL
HFL	- HIGH FLOW LEVEL
GL	- GROUND LEVEL

FOR TENDER PURPOSE ONLY

- NOTES**
- ALL DIMENSIONS ARE IN MILLIMETRES, LEVELS & CHAINAGE ARE IN METRES UNLESS MENTIONED OTHERWISE.
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DRAWING NO.	TITLE	REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT.	SIGN.	CHECKED	APPROVED
		A	24-01-11	2	TEMPLATE REVISED	ATJ	KMT	NRY	[Signature]	PML	[Signature]
		0	23-12-21	2	FOR APPROVAL	ATJ	KMT	NRY	Sd/-	PML	Sd/-

REVISIONS

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

REFERENCE DRAWINGS

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: MAJOR BRIDGE-02 AT CH - 1+470
GENERAL ARRANGEMENT DRAWING FOR MAJOR BRIDGE ON ROAD NO:32-02 (SH 2 OF 2)

PROJECT NO: C1232704

COP: AS SHOWN

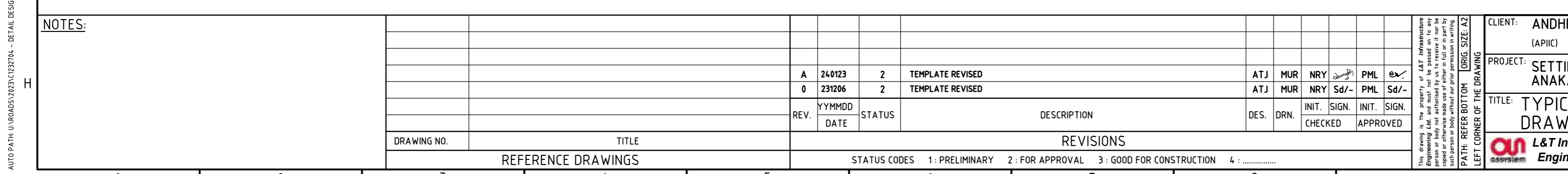
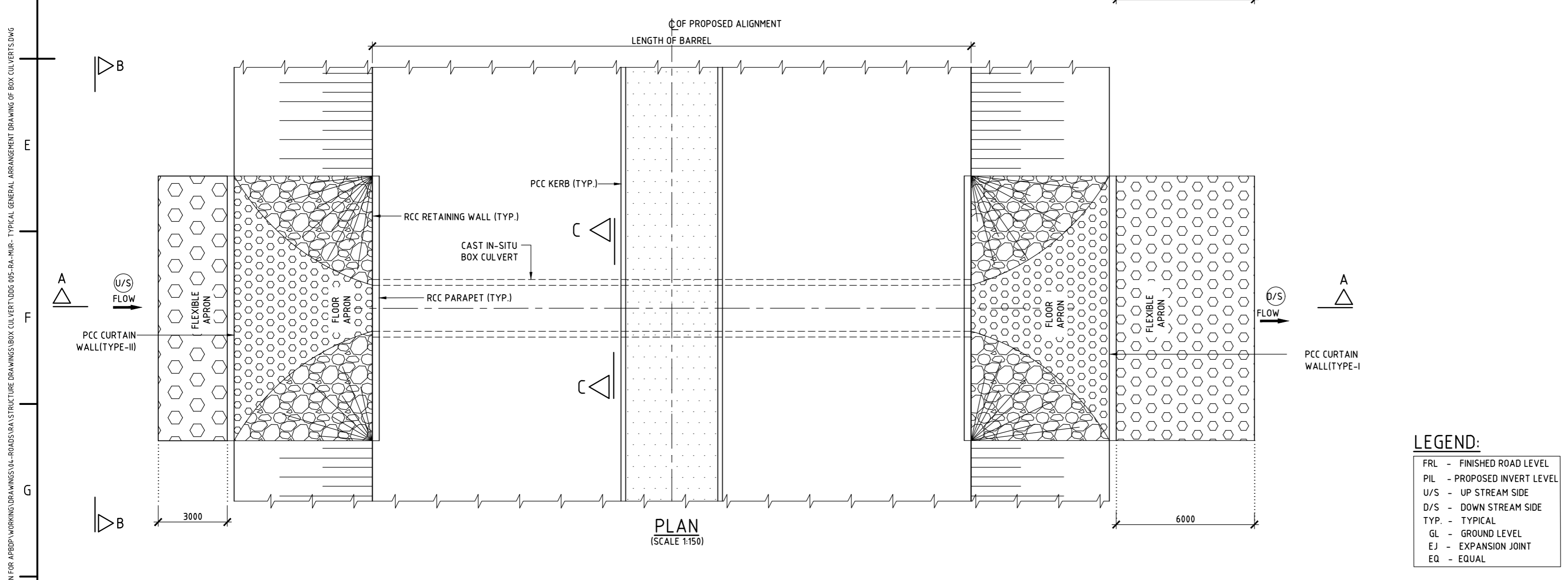
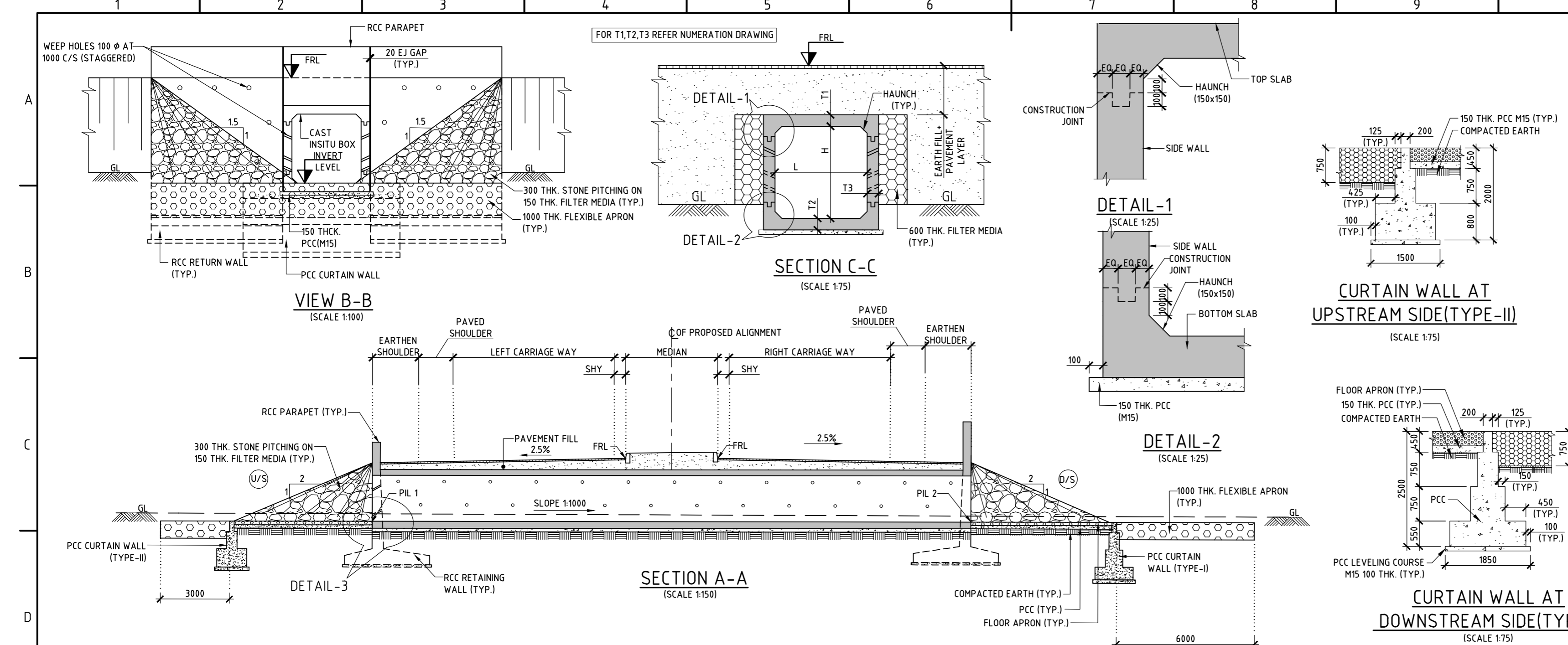
DRAWING NO: DDG 004 A

IN CONSORTIUM WITH: ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)

L&T Infrastructure Engineering Ltd.

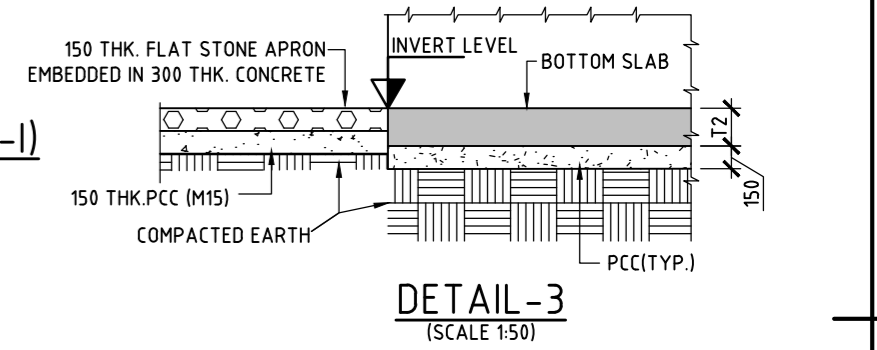
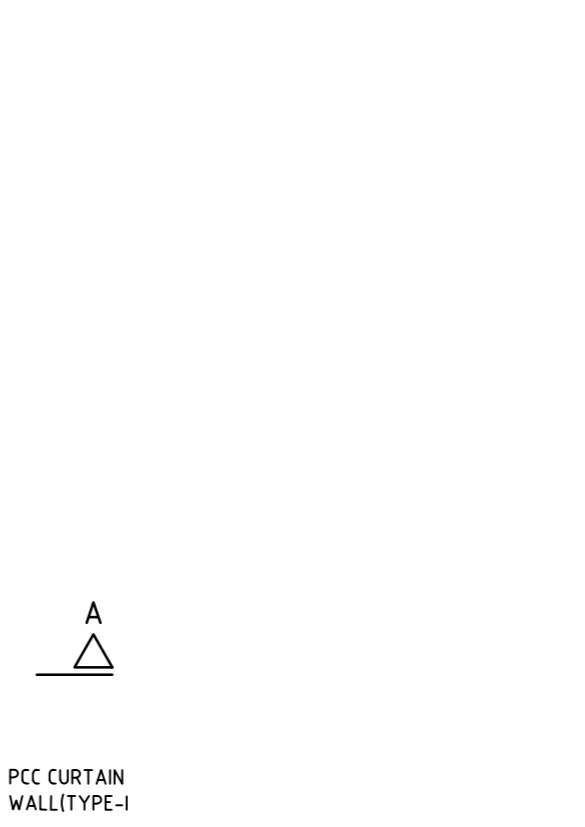
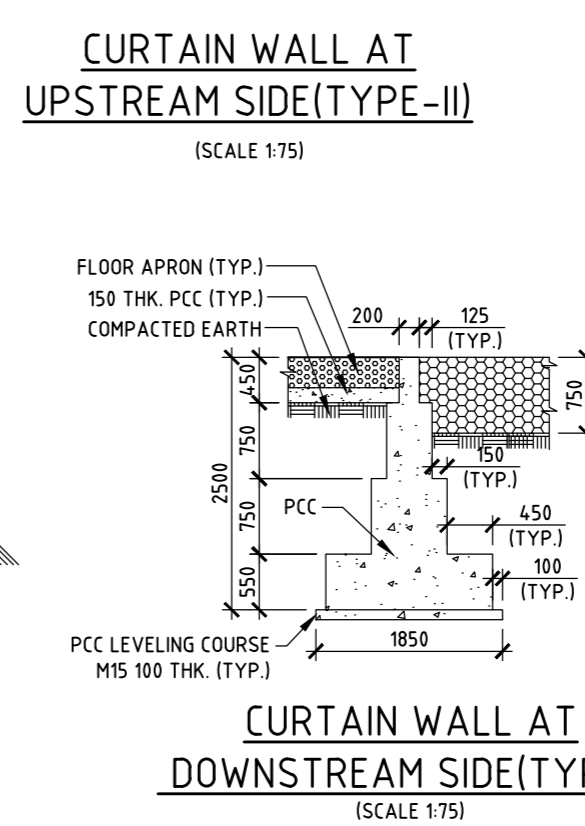
PLAT: REFER BOTTOM CORNER OF THE DRAWING

plot scale: 1:50mm



SCHEDULE OF LEVELS:

S.NO	ROAD NO	DESIGN CHAINAGE	BARREL LENGTH (m)	SPAN (L)(m)	VENT HEIGHT (H)(m)	FRL 1 (m)	FRL 2 (m)	FRL 3 (m)	FRL 4 (m)	PIL 1 (m)	PIL 2 (m)
1	45-01	0+250	45	2	2	4.066	4.066	3.879	3.879	1.029	0.983
2	35-01	0+955	35	1.5	1.5	6.005	6.005	5.818	5.818	3.518	3.483
3	35-01	1+390	35	1.5	1.5	13.142	13.142	12.955	12.955	10.655	10.620
4	32-01	0+900	32	2	2	7.894	7.894	7.707	7.707	4.857	4.889
5	32-01	2+335	32	2	2	5.032	5.032	4.845	4.845	1.995	1.963
6	30-02	0+925	30	1.5	1.5	5.949	5.949	5.761	5.761	3.461	3.431
7	30-05	3+175	30	1.5	1.5	19.404	19.404	19.216	19.216	16.916	16.886
8	30-05	3+470	30	1	1	16.176	16.176	15.989	15.989	14.189	14.159
9	30-05	3+920	30	1.5	1.5	16.475	16.475	16.288	16.288	13.988	13.958
10	30-05	3+940	30	1	1	15.690	15.690	15.503	15.503	13.703	13.673
11	32-03	1+730	32	2	2	3.969	3.969	3.782	3.782	0.932	0.964
12	32-03	1+755	32	2	2	3.815	3.815	3.627	3.627	0.777	0.809
13	32-04	0+335	32	1.5	1.5	9.575	9.575	9.387	9.387	7.087	7.119
14	32-04	0+355	32	1.5	1.5	9.567	9.567	9.379	9.379	7.079	7.111
15	32-04	0+680	32	2	2	10.095	10.095	9.908	9.908	7.058	7.090
16	32-05	0+016	32	2	2	5.287	5.287	5.100	5.100	2.250	2.218
17	32-06	4+368	32	1.5	1.5	10.654	10.654	10.467	10.467	8.167	8.199
18	30-06	1+420	30	1.5	1.5	12.980	12.980	12.793	12.793	10.493	10.463
19	30-09	3+280	30	2	2	5.845	5.845	5.658	5.658	2.808	2.838
20	24-02	1+012.25	24	2	2	4.193	4.193	4.056	4.056	1.206	1.230
21	24-04	1+085	24	1	1	55.629	55.629	55.492	55.492	53.668	53.668
22	24-04	1+420	24	1	1	55.805	55.805	55.668	55.668	53.868	53.892
23	24-04	2+480	24	1	1	36.745	36.745	36.608	36.608	34.808	34.832
24	24-04	3+120	24	1	1	19.432	19.432	19.295	19.295	17.495	17.519
25	20-01	0+780	20	1.5	1.5	8.727	8.727	8.633	8.633	6.333	6.353
26	20-02	0+015	20	1.5	1.5	12.087	12.087	11.993	11.993	9.693	9.713
27	20-03	0+690	20	1.5	1.5	8.918	8.918	8.824	8.824	6.524	6.504
28	30-3B	1+825	30	1.5	1.5	6.824	6.824	6.730	6.730	4.430	4.400
29	18-1A	0+490	18	1	1	10.273	10.273	10.179	10.179	8.379	8.361
30	18-1A	0+472	18	1.5	1.5	10.169	10.169	10.075	10.075	7.775	7.757
31	18-1C	1+265	18	1	1	13.053	13.053	12.959	12.959	11.159	11.141
32	18-1C	1+295	18	1.5	1.5	13.607	13.607	13.513	13.513	11.213	11.195
33	18-1D	1+527	18	1.5	1.5	14.677	14.677	14.583	14.583	12.283	12.265
34	18-2A	0+016	18	2	2	6.019	6.019	5.925	5.925	3.075	3.057
35	18-3B	0+810	18	1.5	1.5	8.727	8.727	8.633	8.633	6.333	6.351
36	18-04	0+012	18	2	2	6.501	6.501	6.407	6.407	3.557	3.539



- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETRES, LEVELS AND CHAINAGES ARE IN METRES OR OTHER WISE MENTIONED.
 - DIMENSIONS ARE NOT TO BE SCALED, ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH RELEVANT HIGHWAY DRAWINGS.
 - FRL & CAMBER/SUPER ELEVATION AT PARTICULAR LOCATION SHALL BE VERIFIED WITH THE HIGHWAY DRAWINGS. DISCREPANCY IF ANY IS TO BE IMMEDIATELY BROUGHT TO THE NOTICE OF ENGINEER FOR NECESSARY MODIFICATIONS IN THE DRAWING.
 - THE SELECTED BACK FILL MATERIAL BEHIND RCC BOX / RETURN WALL SHALL HAVE FOLLOWING PROPERTIES:
 $\phi = 30^\circ$, $\gamma = 2.07/m^3$. THIS MATERIAL MAY BE FILLED ONLY FOR THE PORTION AS INDICATED IN APPENDIX-6 OF IRC:78.
 - LONGITUDINAL SLOPE OF BOX CULVERT SHALL BE MINIMUM 1:1000
 - FLOW DIRECTION SHOWN IN THE PLAN IS INDICATIVE ONLY. BED PROTECTION FOR UPSTREAM AND DOWNSTREAM SHALL BE BASED ON FLOW DIRECTION AT THE SITE.
 - 600mm THICK FILTER MEDIA PROVIDED BEHIND THE RCC BOX AND RETURN WALL.
 - THE SAFE BEARING CAPACITY IS CONSIDERED AS $100kN/m^2$ IN DESIGN AND THE SAME SHALL BE ENSURED AT SITE BY ENGINEER IN-CHARGE.
 - WEEP HOLES IN SLOPE 1:20, 100 DIA P.V.C PIPE AT SPACING 1000mm C/C BOTH HORIZONTALLY AND VERTICALLY SHALL BE PROVIDED IN STAGGERED MANNER ABOVE GROUND LEVEL.
 - IF BC / CLAYEY SOIL IS ENCOUNTERED AS FOUNDING SOIL, THEN 900MM DEPTH OF SOIL BELOW FOUNDING LEVEL TO BE REMOVED AND FILLED BY METAL/BOULDER WITH SAND AS PER SP 13:2004.
 - BACKFILLING SHALL BE DONE SIMULTANEOUSLY ON BOTH SIDES OF BOX.
 - SOFT AND LOOSE PATCHES IN THE BEARING AREA ARE TO BE REPLACED BY COMPACTED GRANULAR FILLS WITH SANDY MOORUM AND WITH LAYERS NOT EXCEEDING 300mm.
 - PROPOSED RAFT TOP SHOULD BE KEPT 300mm BELOW THE LOWEST BED LEVEL. AND SAME SHOULD BE VERIFIED WITH BRIDGE ENGINEER AT SITE.
 - FLEXIBLE APRON SHALL BE PROVIDED BASED ON SITE CONDITION & SHALL BE DECIDED BY ENGINEER INCHARGE. WHERE EVER ROCK IS AVAILABLE AT TOP LEVEL FLEXIBLE APRON SHALL BE DISPOSED.
 - FOR NEW CONSTRUCTION OF BOX CULVERTS, IN ACCORDANCE WITH CL 21 OF IRC SP-13 INVERT LEVEL SHOULD NOT BE MORE THAN 300mm BELOW THE LOWEST BED LEVEL WHERE AS FOR WIDENING OF BOX CULVERTS INVERT LEVEL.
 - THE CORRECT LOCATION, FLOW DIRECTION, BED LEVEL, INVERT LEVEL, FINISHED ROAD LEVEL, SKEW ANGLE (IF ANY) SHOULD BE VERIFIED WITH IE'S REPRESENTATIVE PRIOR TO EXECUTION OF WORK.

LEGEND:

FRL	- FINISHED ROAD LEVEL
PIL	- PROPOSED INVERT LEVEL
U/S	- UP STREAM SIDE
D/S	- DOWN STREAM SIDE
TYP.	- TYPICAL
GL	- GROUND LEVEL
EJ	- EXPANSION JOINT
EQ	- EQUAL

FOR TENDER PURPOSE ONLY

NOTES:

REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
A	240123	2	TEMPLATE REVISED	ATJ	MUR	NRV	PML
0	231206	2	TEMPLATE REVISED	ATJ	MUR	NRV	PML

REFERENCE DRAWINGS

DRAWING NO.	TITLE
1	REFERENCE DRAWINGS

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: TYPICAL GENERAL ARRANGEMENT DRAWING OF BOX CULVERTS

PROJECT NO: C1232704

COP: AS SHOWN

DRAWING NO: DDG 005

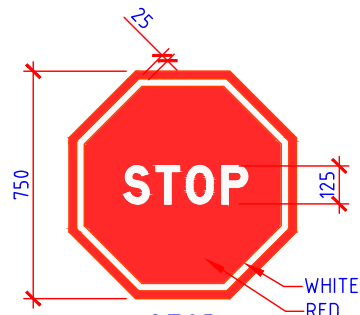
REV: A

L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH: **ARTELIA Consulting Engineers Ltd.** (Formerly Mahindra Consulting Engineers Ltd.)

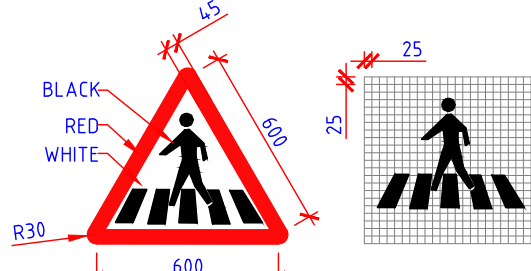
AUTO PATH: U:\ROADS\2023\1232704 - DETAIL DESIGN FOR APBDD\WORKING DRAWINGS\44-ROADS\RA\STRUCTURE DRAWINGS\BOX CULVERT\DDG 005-RA-MUR - TYPICAL GENERAL ARRANGEMENT DRAWING OF BOX CULVERTS.DWG

plot scale 50mm

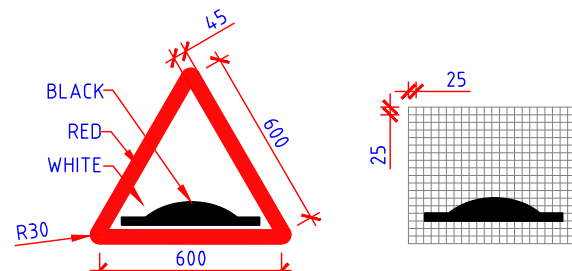
Road Furniture



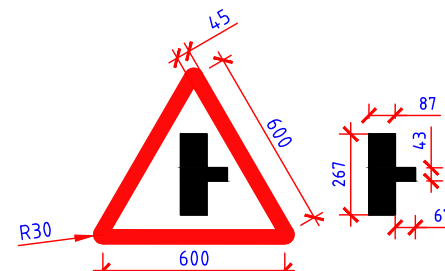
STOP
(FIG: 14.01 OF IRC:67-2012)



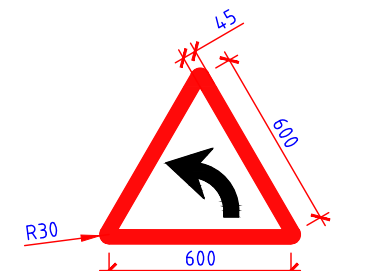
PEDESTRIAN CROSSING
(FIG: 15.33 OF IRC:67-2012)



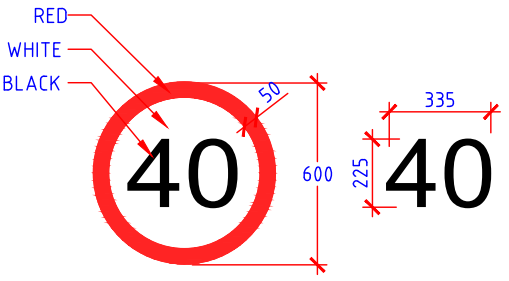
SPEED BREAKER
(FIG: 15.49 OF IRC:67-2012)



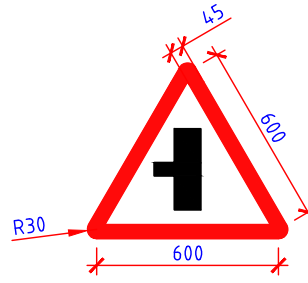
SIDE ROAD RIGHT
(FIG: 15.09 OF IRC:67-2012)



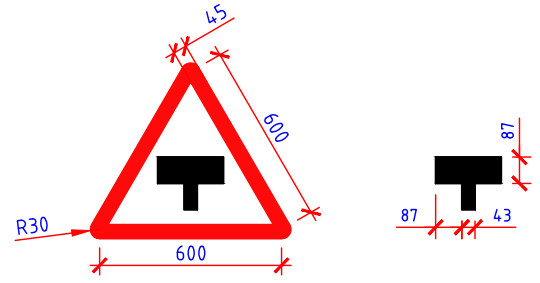
LEFT HAND CURVE
(FIG: 15.01 OF IRC:67-2012)



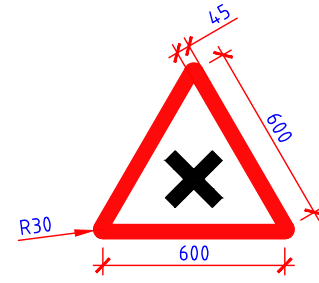
SPEED LIMIT
(FIG: 14.37 OF IRC:67-2012)



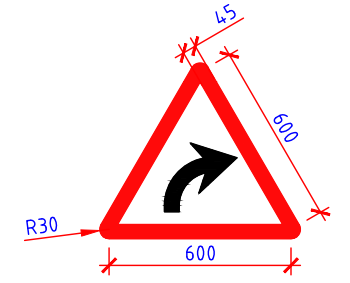
SIDE ROAD LEFT
(FIG: 15.10 OF IRC:67-2012)



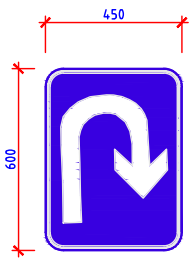
**T-INTERSECTION
MAJOR ROAD AHEAD**
(FIG: 15.18 OF IRC:67-2012)



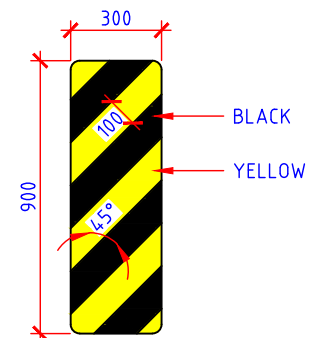
CROSS ROAD
(FIG: 15.14 OF IRC:67-2012)



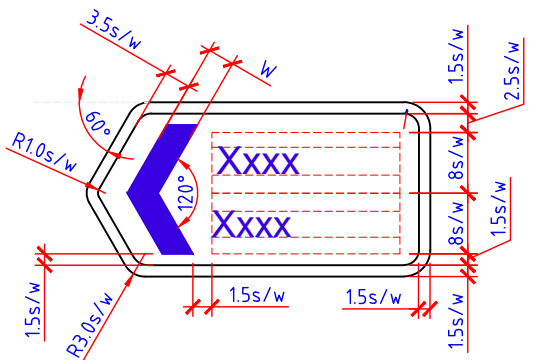
RIGHT HAND CURVE
(FIG: 15.02 OF IRC:67-2012)



U TURN AHEAD
FIG: 17.09



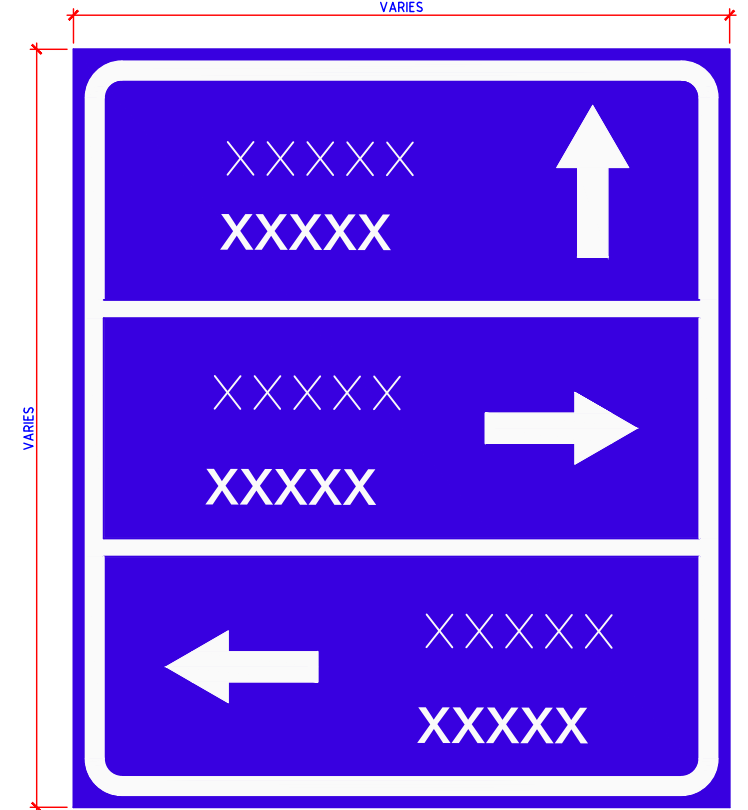
OBJECT HAZARD (RIGHT)
(FIG: 15.77 OF IRC:67-2012)



FLAG TYPE ADVANCE DIRECTION SIGN
(FIG 16.04 -IRC :67-2012)

$1s/w = \frac{1}{4}$ of lowercase "x" height

WIDTH OF CHEVRON (W)
1 LINE OF TEXT = 3.5s/w
2 LINES OF TEXT = 4s/w
3 LINES OF TEXT = 4.5s/w
4 LINES OF TEXT = 5s/w



**ADVANCE DIRECTION /
DESTINATION SIGN**
FIG: 16.01(A)

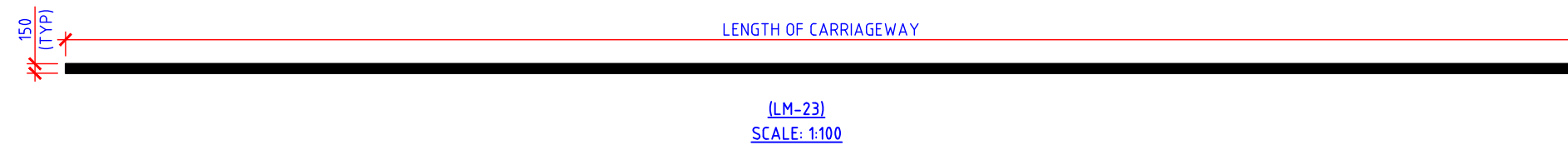
NOTES:

1. ALL CHAINAGES ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. ALL ROAD SIGNS ARE IN ACCORDANCE WITH IRC 67:2022 "CODE OF PRACTICE FOR ROAD SIGNS"
3. TEXT FOR SIGNS BOARDS SHALL BE AS PER IRC: 30-1968.
4. DIMENSIONS PF BOARDS ARE AS PER DESIGN SPEED.

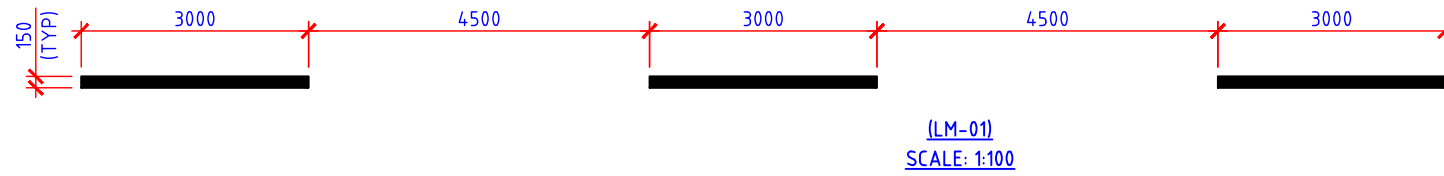
FOR TENDER PURPOSE ONLY

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	TITLE: TYPICAL DETAILS OF ROAD SIGNS	DATE: 11.01.2024 MADE: TAM
IN CONSORTIUM WITH: L&T Infrastructure Engineering Ltd. ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)	FIGURE NO: DDF001	REV: A

EDGE LINE MARKING

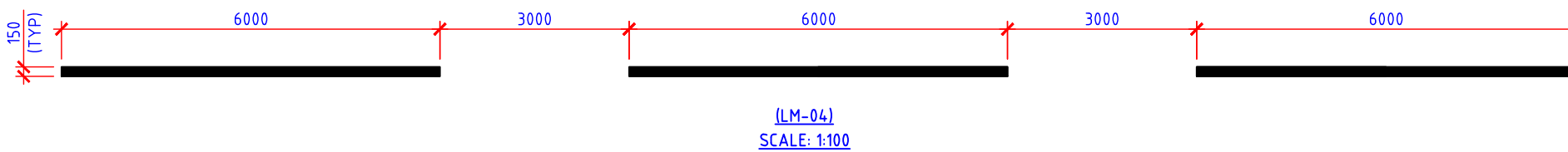


LANE MARKING

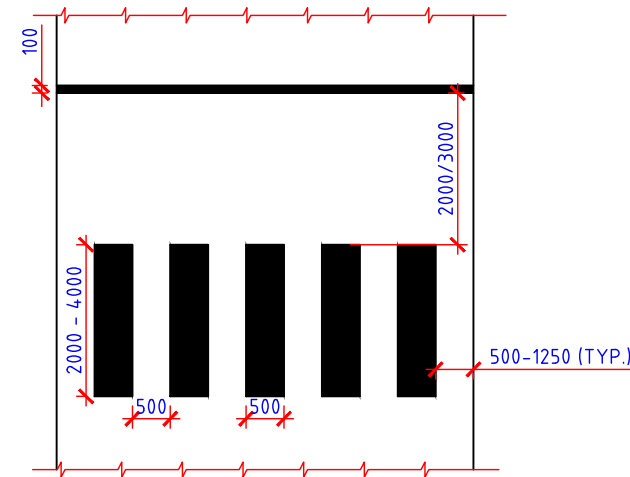


(NORMAL SECTION)

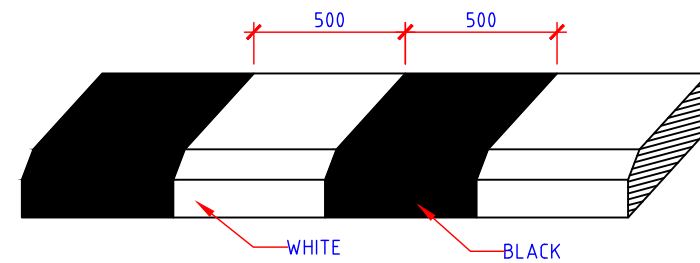
LANE MARKING



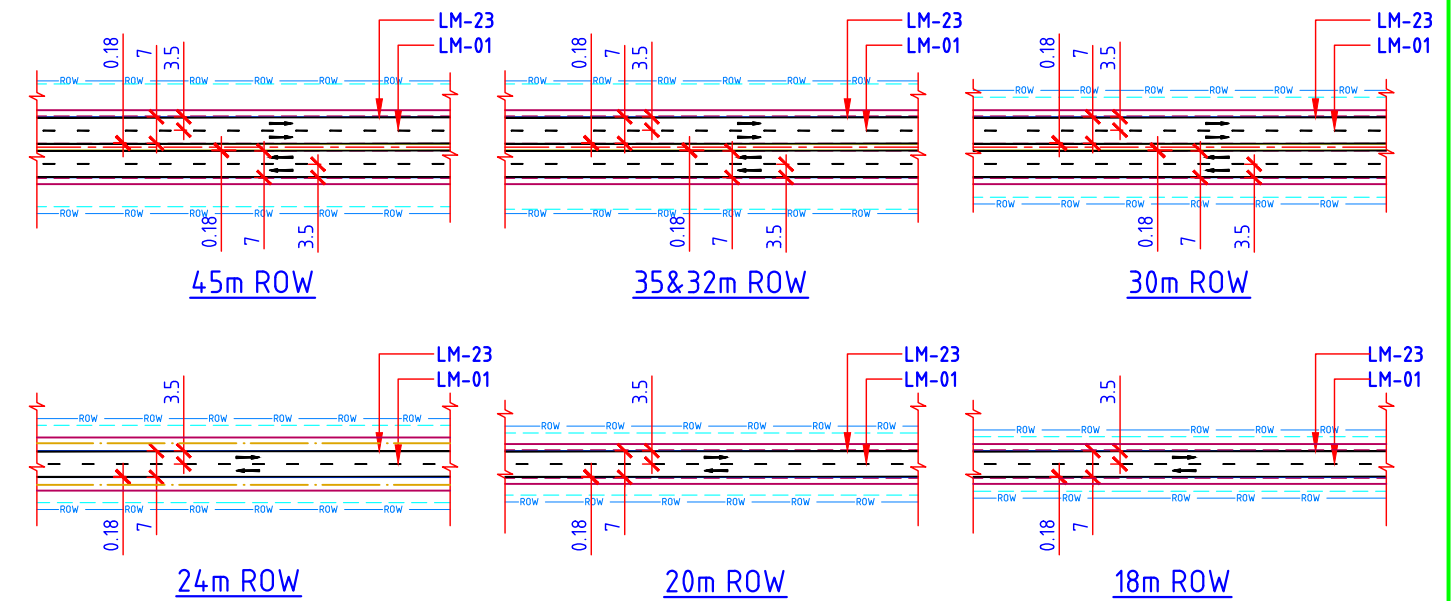
(WARNING SECTION)



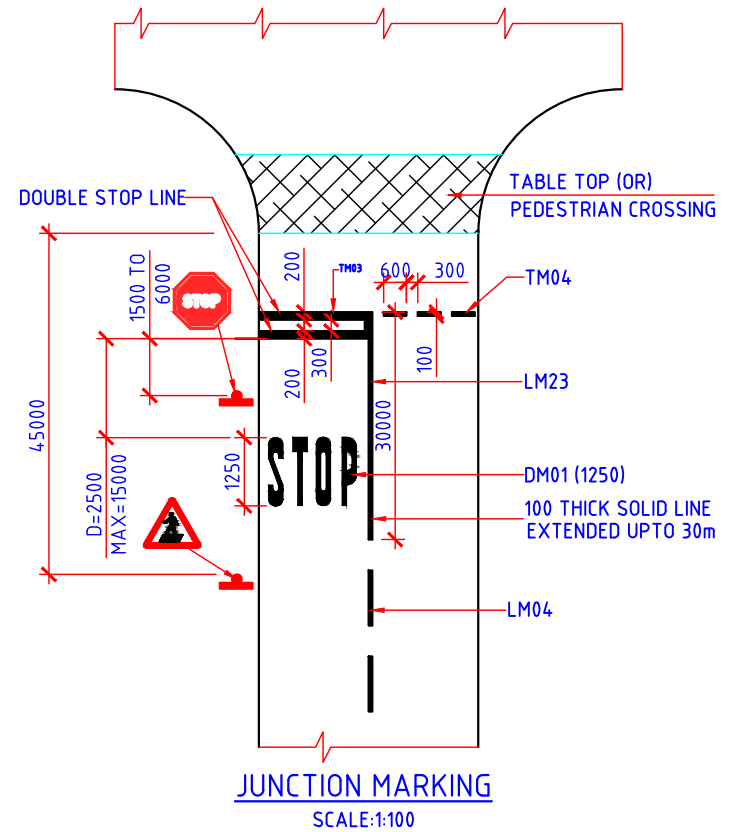
PEDESTRIAN CROSSING MARKING AT MID BLOCK (BM01 / BM02 / BM03)
SCALE: 1:100



KERB MARKING
SCALE: 1:50



ROAD MARKING DETAIL IN 45,32,35,30,24,20&18m ROW
SCALE: 1:50



NOTES:

- ALL CHAINAGES ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
- ALL ROAD SIGNS ARE IN ACCORDANCE WITH IRC 67:2022 "CODE OF PRACTICE FOR ROAD SIGNS"
- TEXT FOR SIGNS BOARDS SHALL BE AS PER IRC.
- DIMENSIONS PF BOARDS ARE AS PER DESIGN SPEED.

LEGEND:

	CENTERLINE
	CARRIAGEWAY
	SHY
	PAVE SHOULDER
	EARTHEN SHOULDER
	DRAIN
	ROW

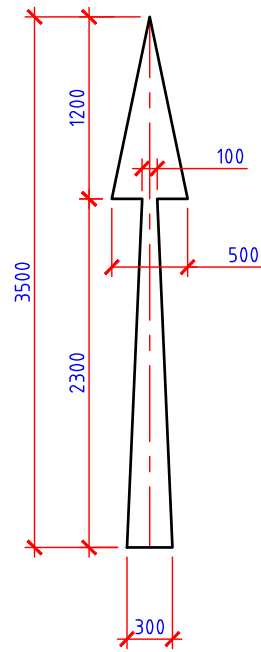
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PATH: REFER BOTTOM LEFT CORNER OF THE DRAWING

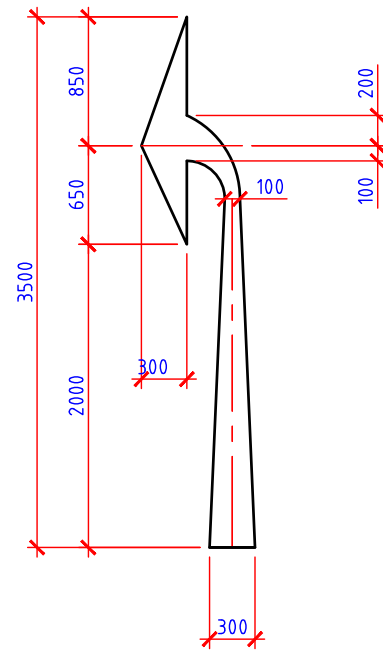
PROJECT:	SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH	PROJECT NO:	C1232704
TITLE:	TYPICAL DETAILS OF ROAD MARKINGS	DATE:	11.01.2024
		MADE:	TAM
		FIGURE NO:	DDF002
		REV:	A

L&T Infrastructure Engineering Ltd.

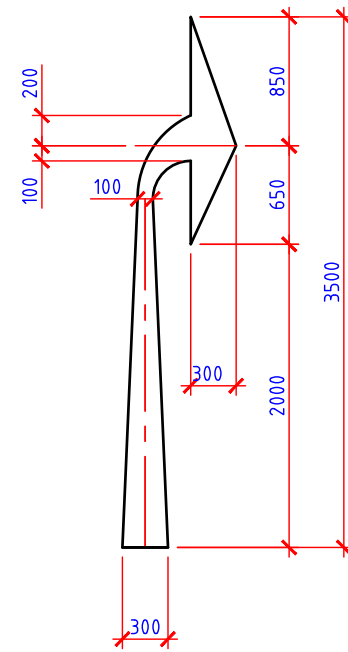
IN CONSORTIUM WITH:
ARTELIA Consulting Engineers Ltd.
(Formerly Mahindra Consulting Engineers Ltd.)



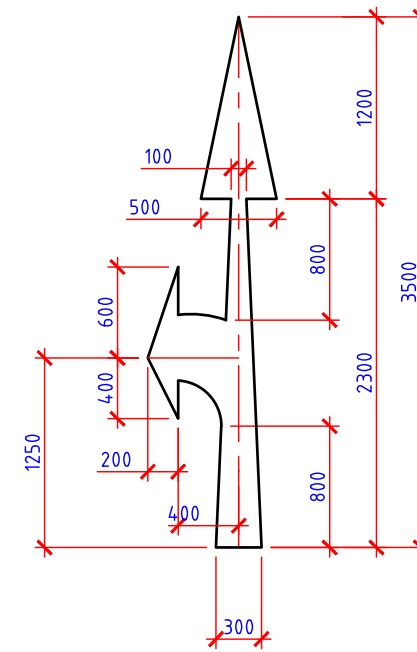
STRAIGHT ARROW
AM-01



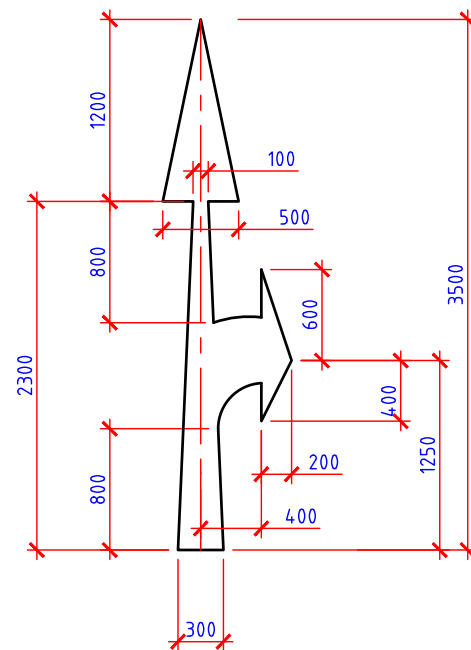
LEFT ARROW
AM-02



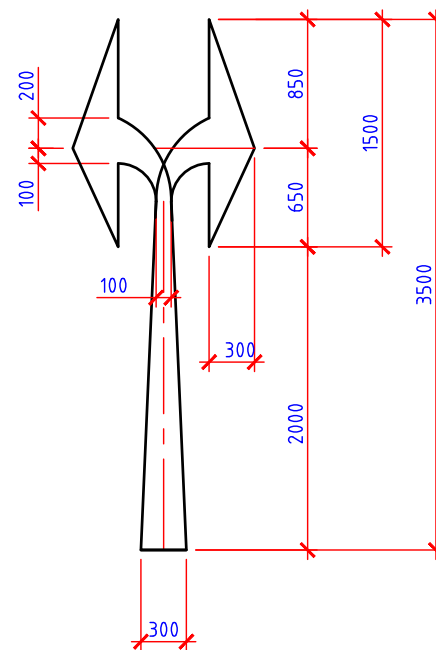
RIGHT ARROW
AM-03



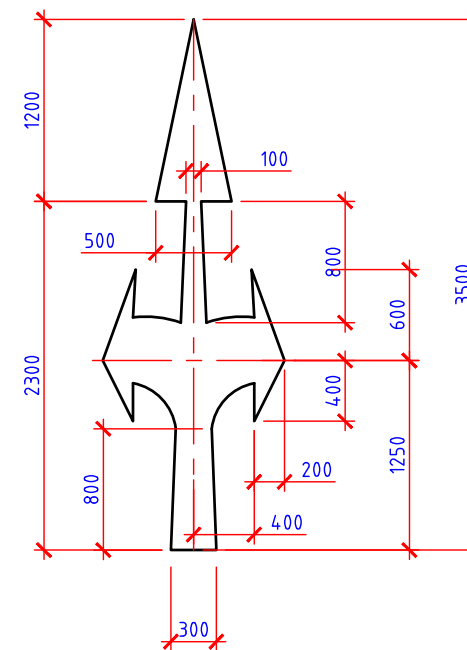
STRAIGHT & LEFT ARROW
AM-04



STRAIGHT & RIGHT ARROW
AM-05



RIGHT & LEFT ARROW
AM-06



STRAIGHT & BOTH ARROW
AM-07

**ARROW MARKING FOR ROUTE DIRECTION FOR
DESIGN SPEED OF 50 KM/HR. OR LESS**

(ALL THE ARROWS ARE IN YELLOW / WHITE COLOR)

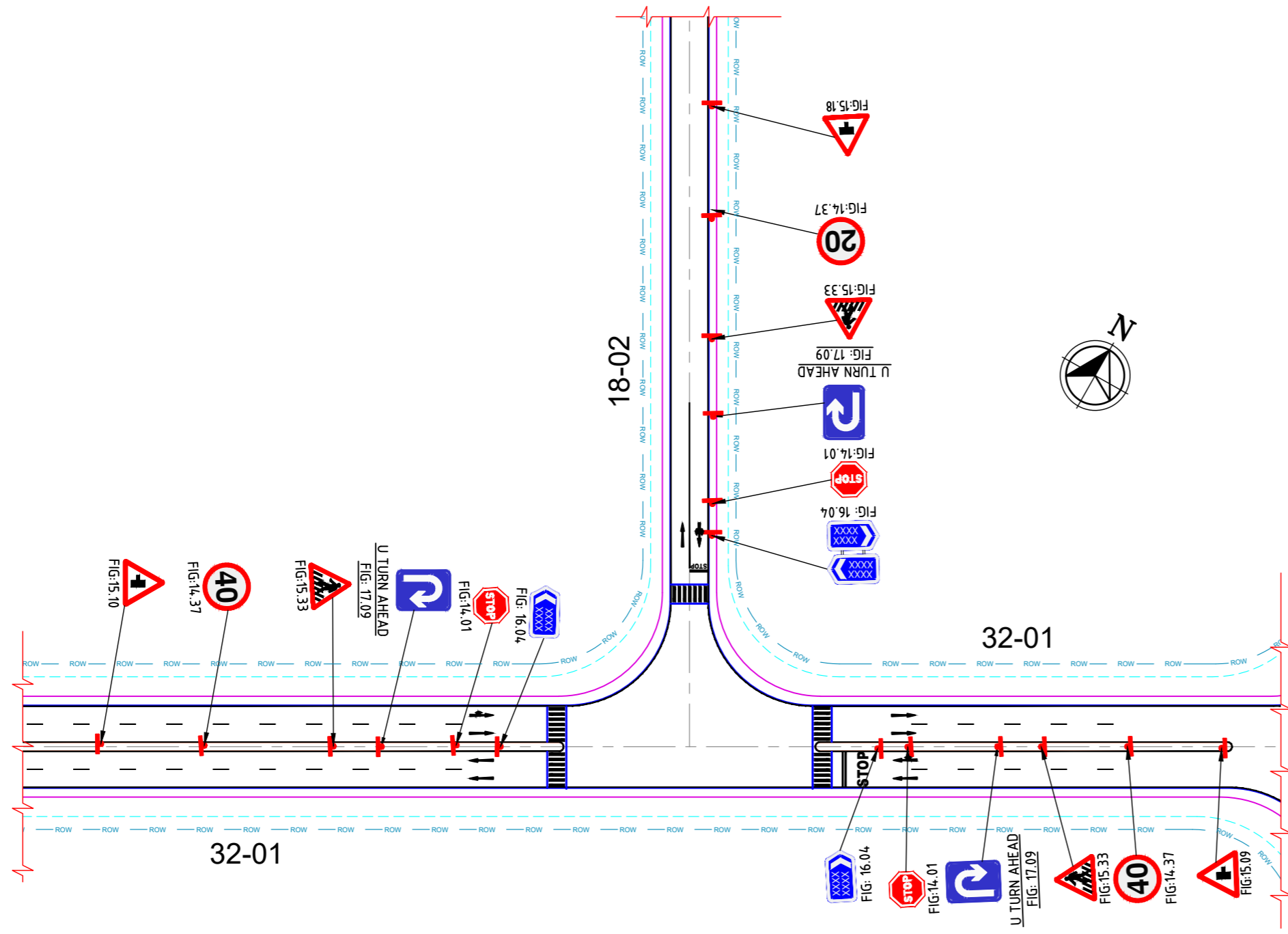
NOTES:

1. ALL CHAINAGES ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. ALL ROAD SIGNS ARE IN ACCORDANCE WITH IRC 67:2022 "CODE OF PRACTICE FOR ROAD SIGNS"
3. TEXT FOR SIGNS BOARDS SHALL BE AS PER IRC: 30-1968.
4. DIMENSIONS PF BOARDS ARE AS PER DESIGN SPEED.

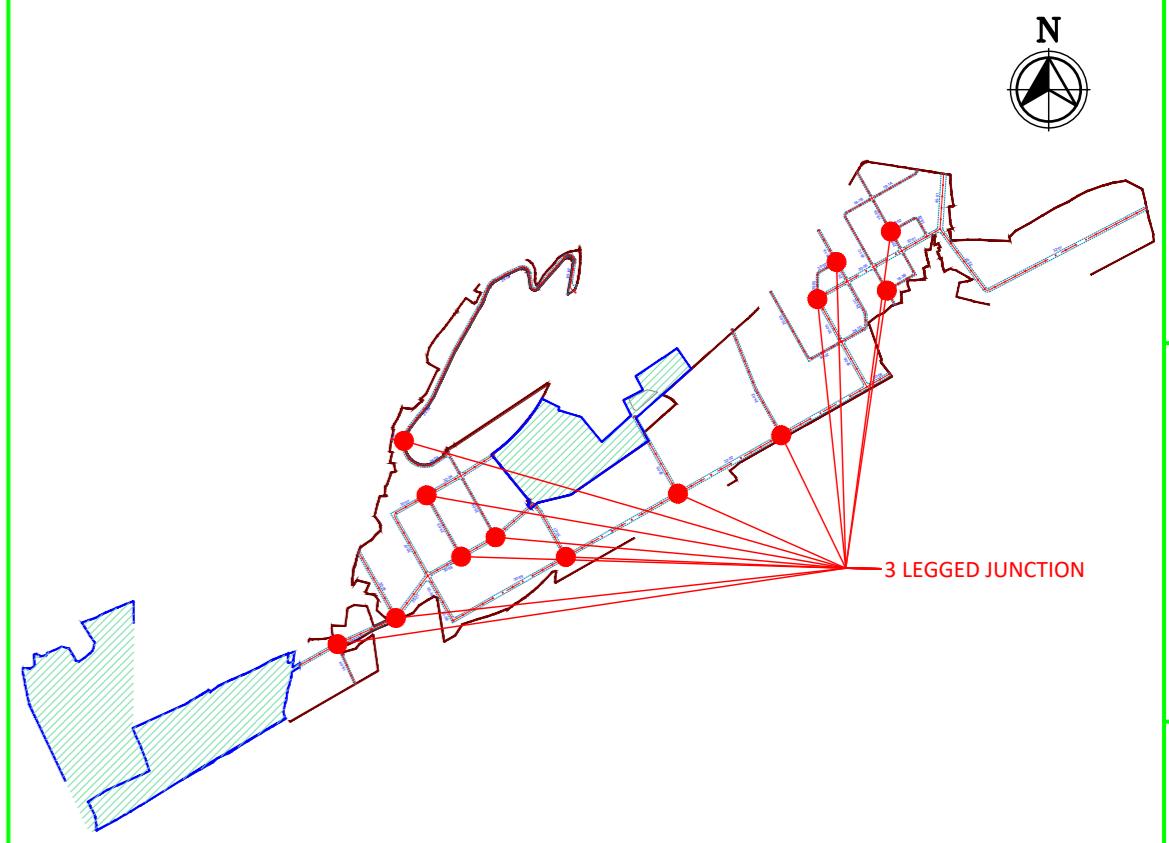
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	TITLE: TYPICAL DETAILS OF DIRECTIONAL ARROWS	DATE: 11.01.2024 MADE: TAM	
	IN CONSORTIUM WITH: L&T Infrastructure Engineering Ltd.	ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)	
		FIGURE NO: DDF003	REV: A

AUTO PATH: U:\ROADS\2023\CT23704 - DETAIL DESIGN FOR APBDA\WORKING\DRAWINGS\04-ROADS\BA\UDF04-DDF07-BA-TYPICAL JUNCTION SIGNS AND MARKING.DWG



THREE LEGGED JUNCTION PLAN



KEY PLAN

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

SIGNS LEGEND

MANDATORY SIGNS	WARNING SIGNS	INFORMATORY SIGNS
FIG No.14.01 - STOP	FIG No.15.09 - SIDE ROAD (RIGHT)	FIG No.16.04- FLAG TYPE DIRECTION SIGN
FIG No.14.37 - SPEED LIMIT	FIG No.15.10 - SIDE ROAD (LEFT)	FIG No.17.09 - U TURN AHEAD
	FIG No.15.18 - T-INTERSECTION	
	FIG No.15.33 - PEDESTRIAN CROSSING	

FOR TENDER PURPOSE ONLY

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.

REV.	YYMMDD DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
A	240111	2	TEMPLATE REVISED	BVN	TAM	ABSR	BRT
0	231221	2	FOR APPROVAL	BVN	TAM	ABSR	Sd/- BRT

REFERENCE DRAWINGS

DRAWING NO.	TITLE

REVISIONS

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

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CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: TYPICAL T-JUNCTION LAYOUT

PROJECT NO: C1232704

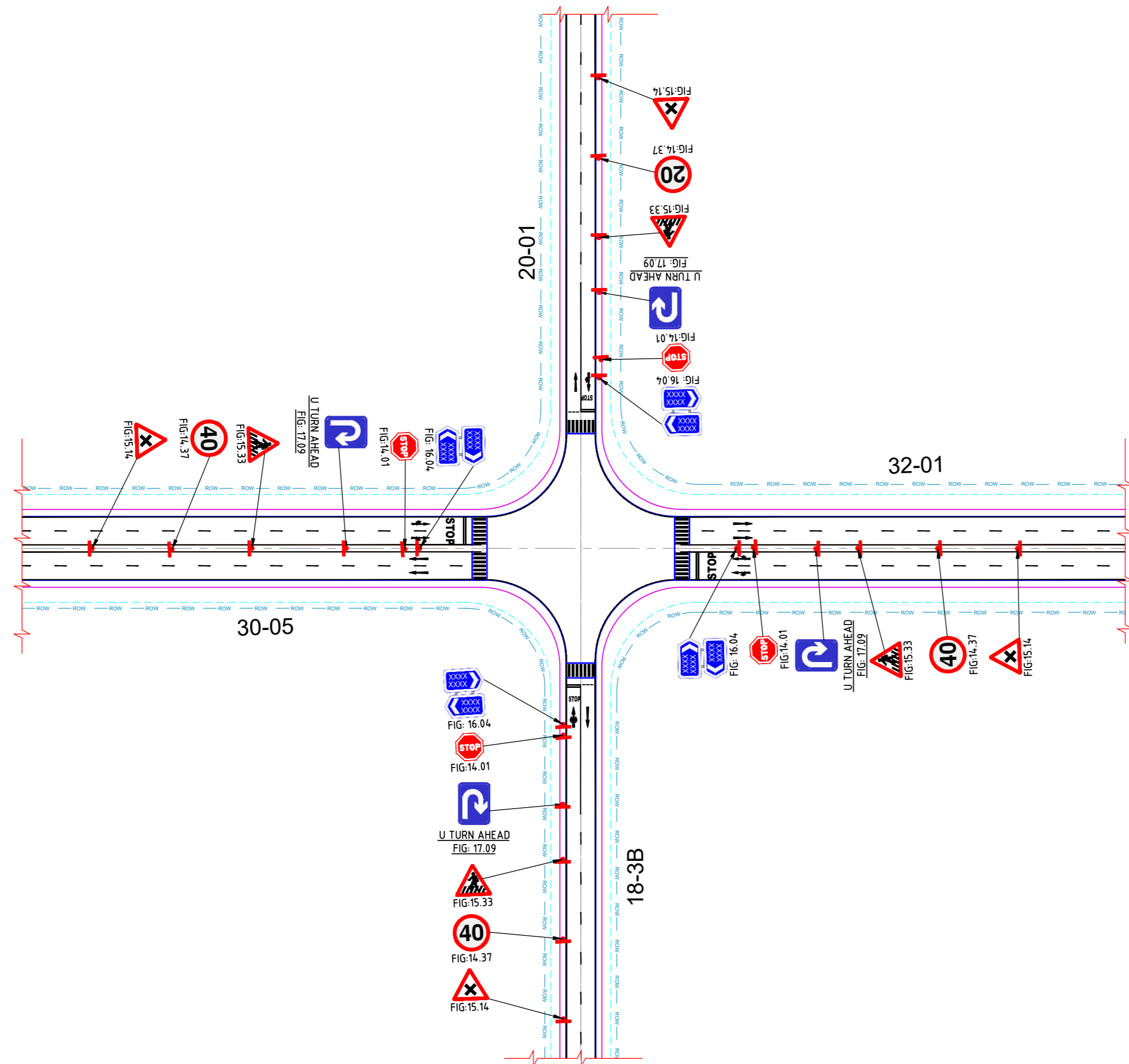
COP:

SCALE: 1:1000

DRAWING NO: DDF004 **REV:** A

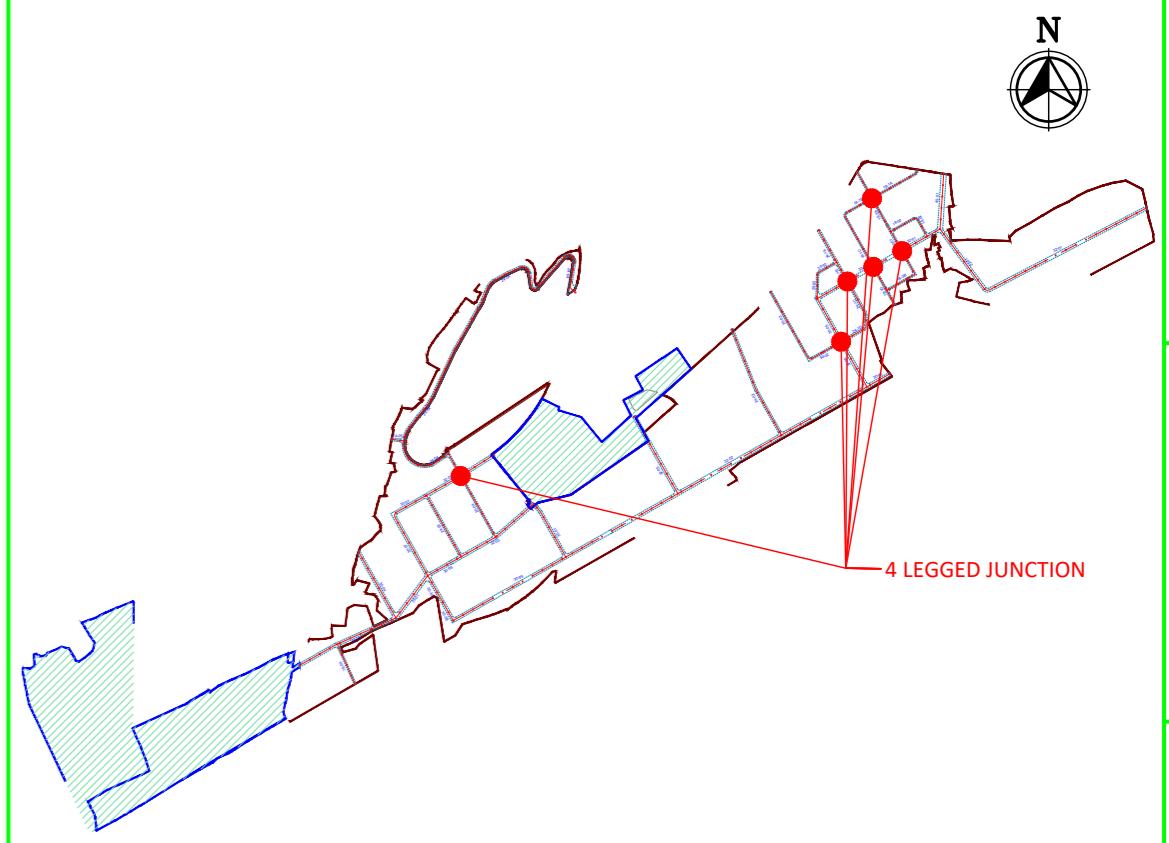
L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH **ARTELIA Consulting Engineers Ltd.** (Formerly Mahindra Consulting Engineers Ltd.)

plot scale 50mm



FOUR LEGGED JUNCTION PLAN

FOR TENDER PURPOSE ONLY



KEY PLAN

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

SIGNS LEGEND

MANDATORY SIGNS	WARNING SIGNS	INFORMATORY SIGNS
FIG No.14.01 - STOP	FIG No.15.24 - CROSS ROAD	FIG No.16.04- FLAG TYPE DIRECTION SIGN
FIG No.14.37 - SPEED LIMIT	FIG No.15.33 - PEDESTRIAN CROSSING	FIG No.17.09 - U TURN AHEAD

NOTES:
ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.

REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
A	240111	2	TEMPLATE REVISED	BVN	TAM	ABSR	BRT
0	231221	2	FOR APPROVAL	BVN	TAM	ABSR Sd/-	BRT Sd/-

REVISIONS

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

LEFT CORNER OF THE DRAWING
PATH: REEFER BOTTOM ORG. SIZE: A2

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

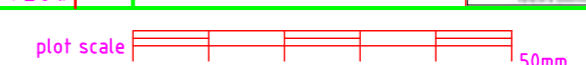
TITLE: TYPICAL FOUR LEGGED JUNCTION LAYOUT

PROJECT NO: C1232704

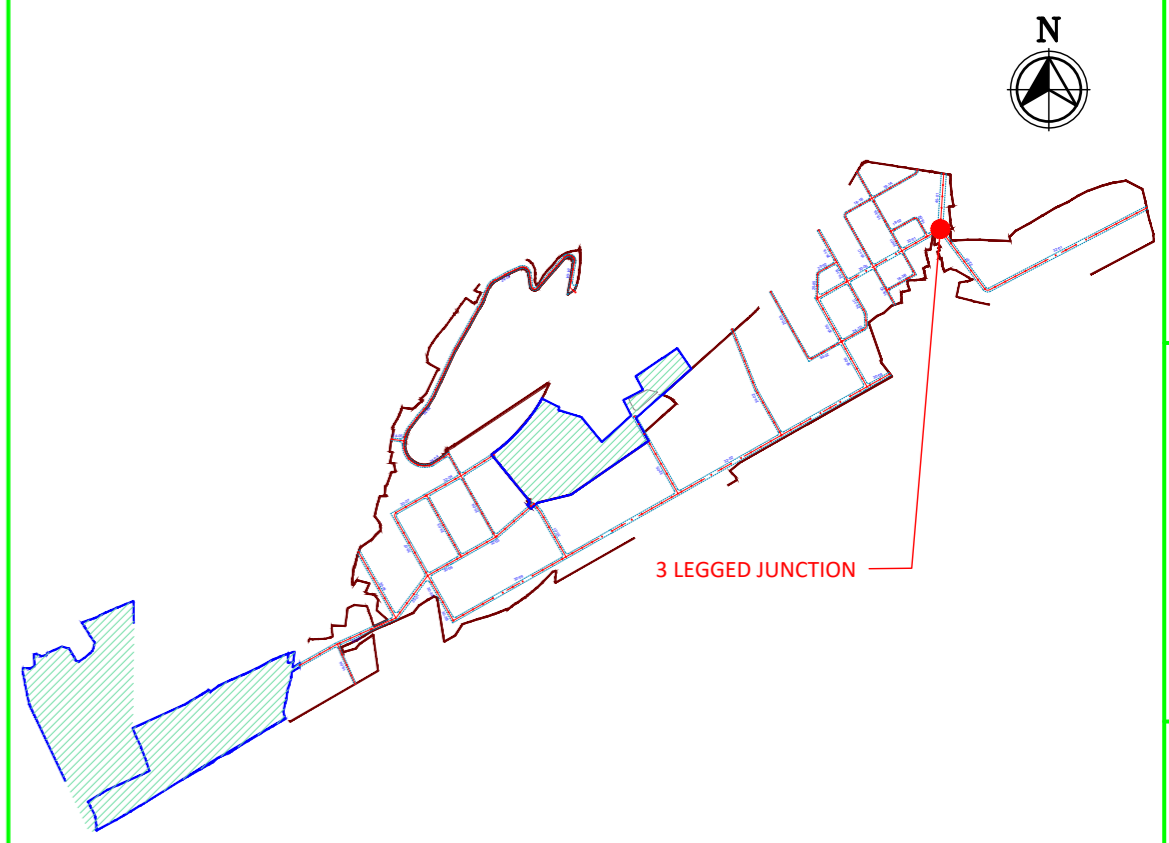
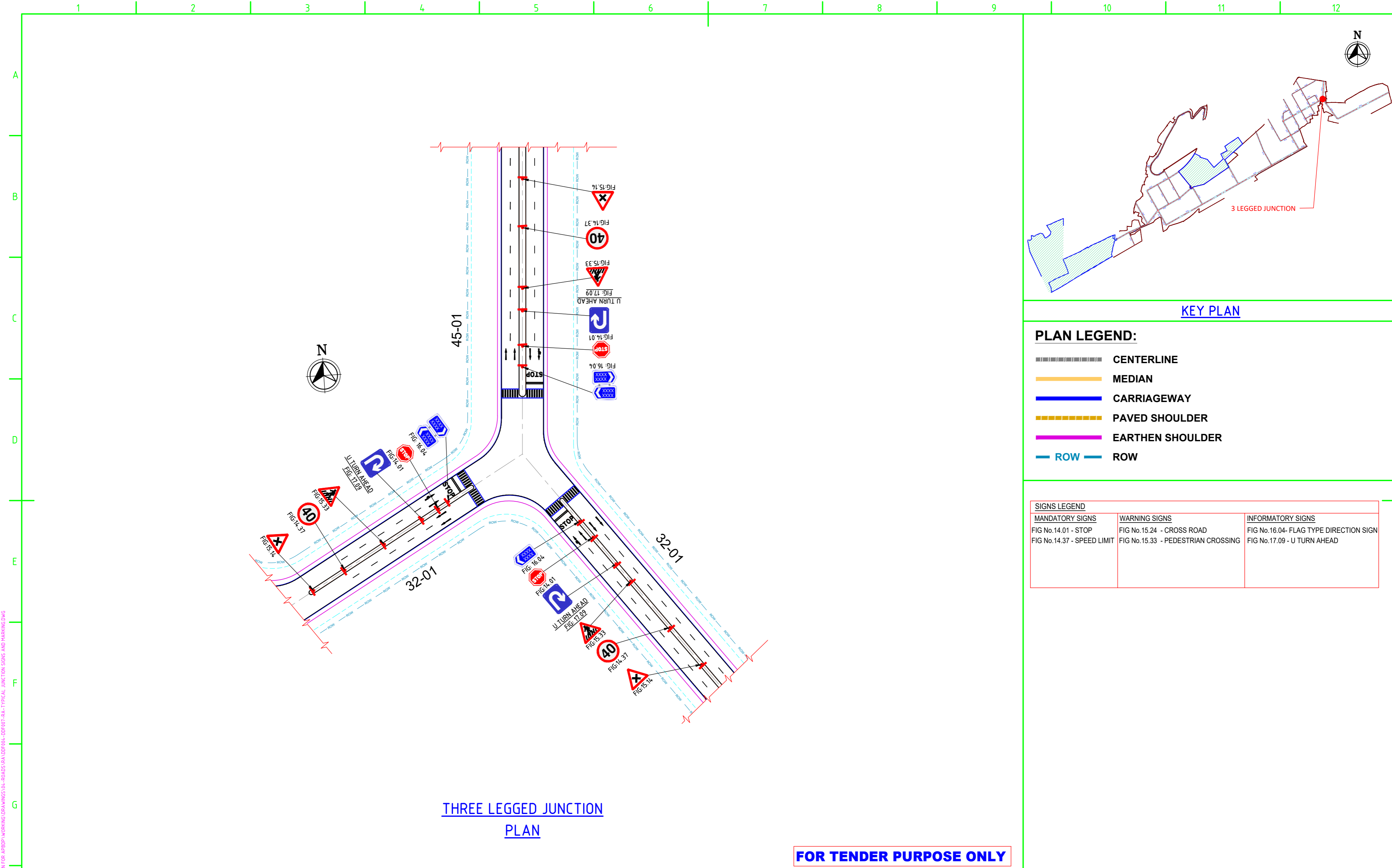
SCALE: 1:1000

DRAWING NO: DDF005 **REV:** A

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AUTO PATH: U:\ROADS\2023\ACT\232704 - DETAIL DESIGN FOR APBDA\WORKING\DRAWINGS\04-ROADS\RA\DDF004-DDF005-RA-TYPICAL JUNCTION SIGNS AND MARKING.DWG



KEY PLAN

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

SIGNS LEGEND

MANDATORY SIGNS	WARNING SIGNS	INFORMATORY SIGNS
FIG No.14.01 - STOP	FIG No.15.24 - CROSS ROAD	FIG No.16.04- FLAG TYPE DIRECTION SIGN
FIG No.14.37 - SPEED LIMIT	FIG No.15.33 - PEDESTRIAN CROSSING	FIG No.17.09 - U TURN AHEAD

THREE LEGGED JUNCTION PLAN

FOR TENDER PURPOSE ONLY

NOTES:
ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.

REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED
A	240111	2	TEMPLATE REVISED	BVN	TAM	ABSR	BRT
0	231221	2	FOR APPROVAL	BVN	TAM	ABSR Sd/-	BRT Sd/-

REVISIONS

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

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CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: TYPICAL THREE LEGGED JUNCTION LAYOUT

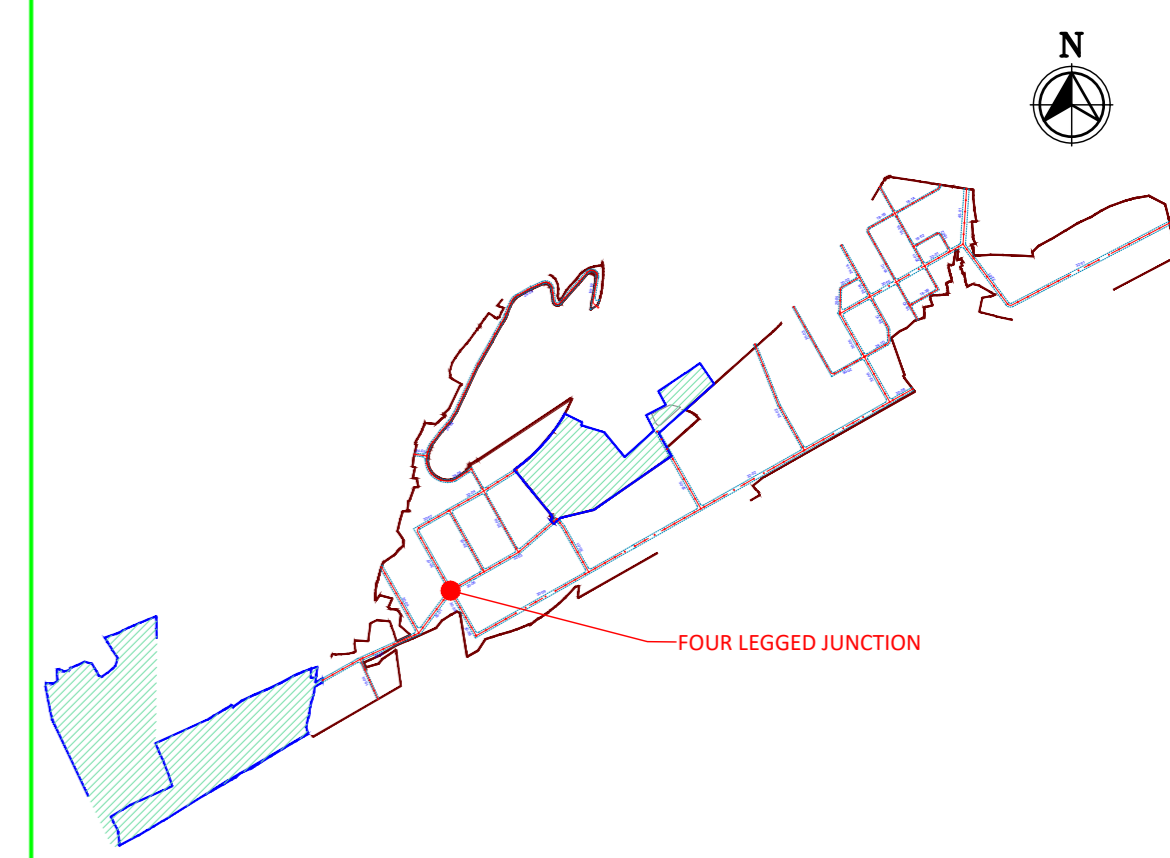
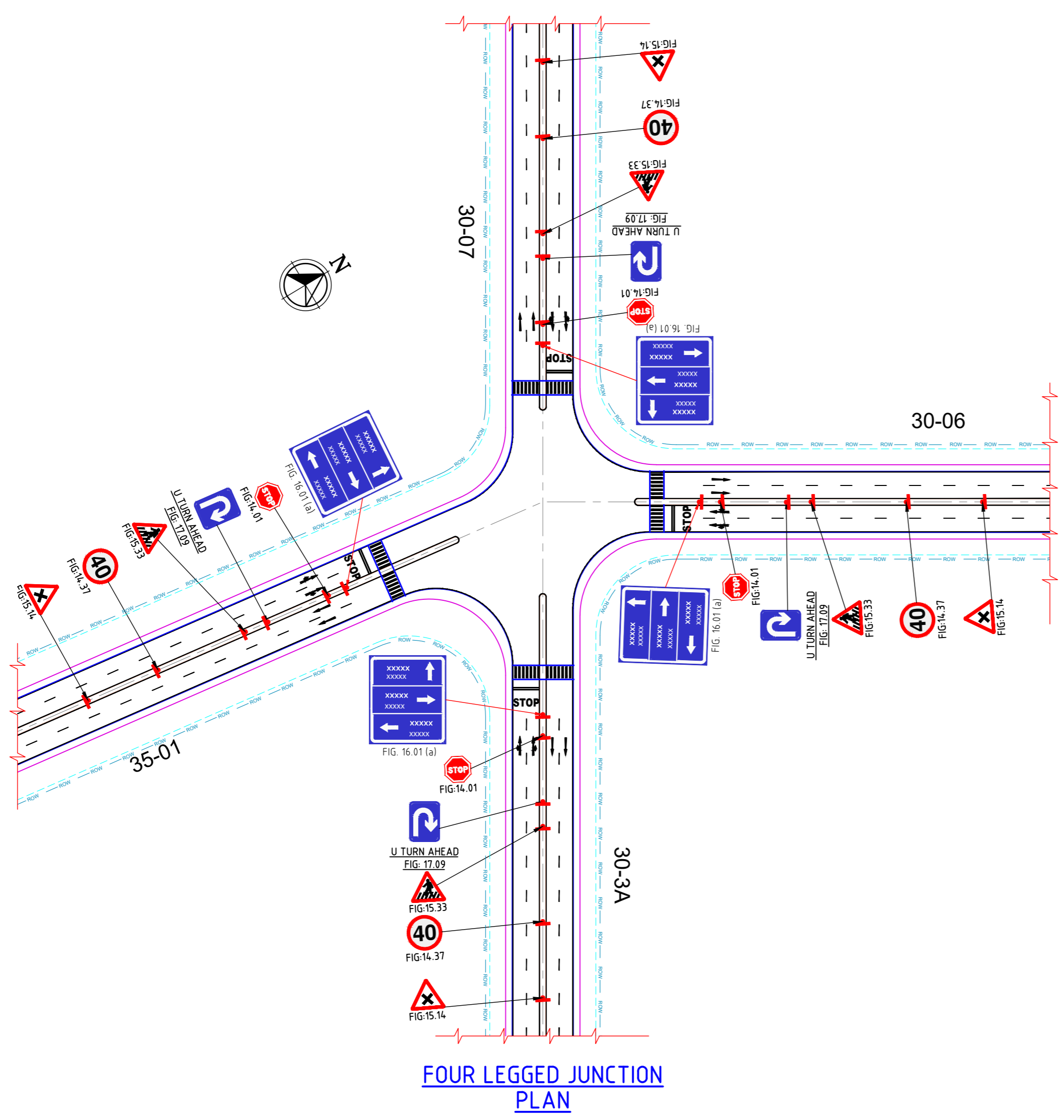
PROJECT NO: C1232704

SCALE: 1:1000

DRAWING NO: DDF006 **REV:** A

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AUTO PATH: U:ROADS\2023\ACT1232704 - DETAIL DESIGN FOR APBDA\WORKING\DRAWINGS\04-ROADS\RA\UDF04-DDF07-RA-TYPICAL JUNCTION SIGNS AND MARKING.DWG



KEY PLAN

PLAN LEGEND:

- CENTERLINE
- MEDIAN
- CARRIAGEWAY
- PAVED SHOULDER
- EARTHEN SHOULDER
- ROW

SIGNS LEGEND

MANDATORY SIGNS	WARNING SIGNS	INFORMATORY SIGNS
FIG No.14.01 - STOP	FIG No.15.14 - CROSS ROAD	FIG No.16.01(A)- FLAG TYPE DIRECTION SIGN
FIG No.14.37 - SPEED LIMIT	FIG No.15.33 - PEDESTRIAN CROSSING	FIG No.17.09 - U TURN AHEAD

FOUR LEGGED JUNCTION PLAN

FOR TENDER PURPOSE ONLY

NOTES:
ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.

REV.	DATE	STATUS	DESCRIPTION	DES.	DRN.	INIT. CHECKED	SIGN. APPROVED	INIT. APPROVED	SIGN. APPROVED
A	240111	2	TEMPLATE REVISED						
0	231221	2	FOR APPROVAL						

STATUS CODES 1: PRELIMINARY 2: FOR APPROVAL 3: GOOD FOR CONSTRUCTION 4:

LEFT CORNER OF THE DRAWING
PATH: REEFER BOTTOM ORG. SIZE: A2

CLIENT: ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LIMITED (APIIC)

PROJECT: SETTING UP OF BULK DRUG PARK AT NAKKAPALLI IN ANAKAPALLI DISTRICT, ANDHRA PRADESH

TITLE: TYPICAL FOUR LEGGED JUNCTION LAYOUT

PROJECT NO: C1232704

COP: SCALE: 1:1000

DRAWING NO: DDF007 REV: A

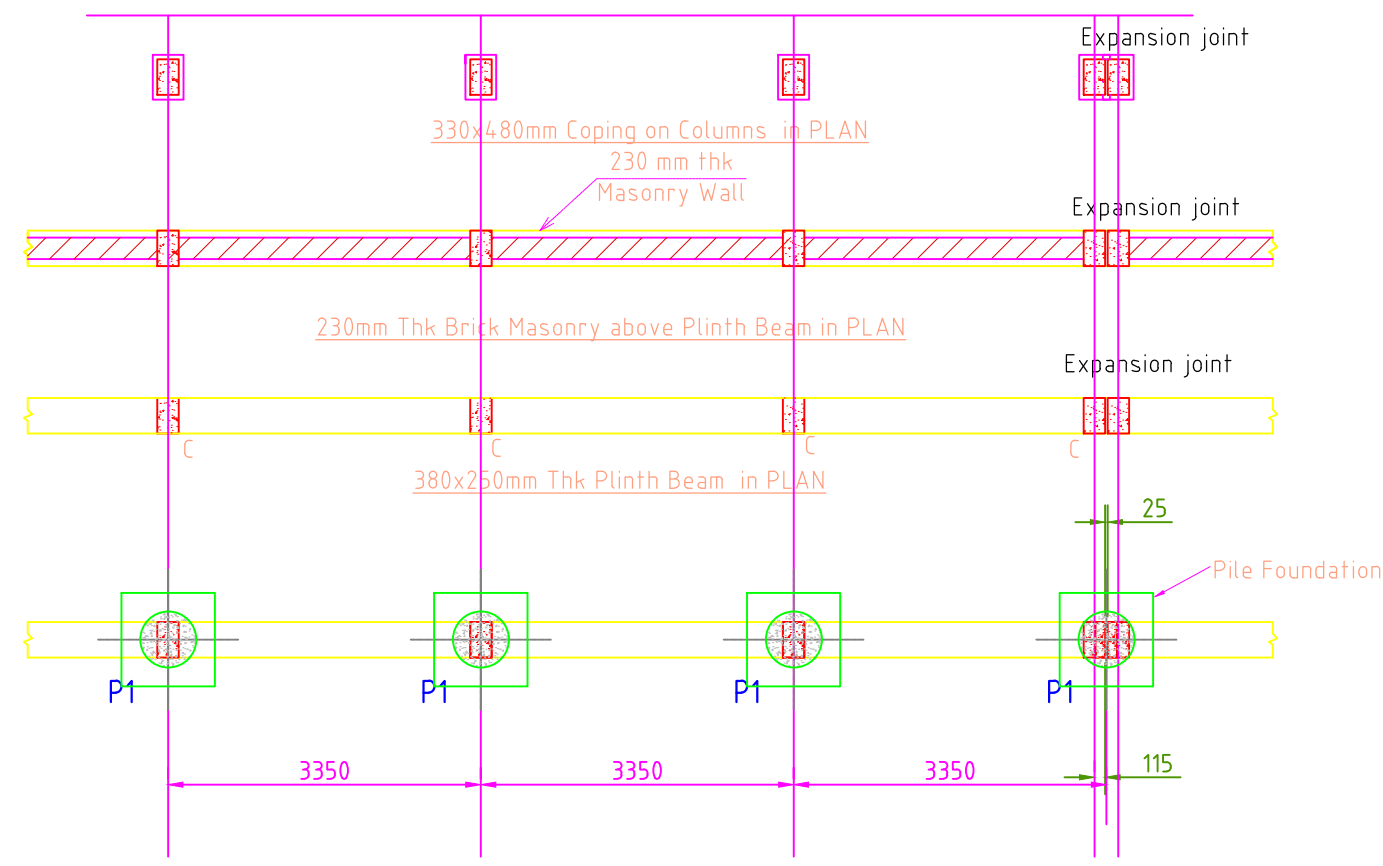
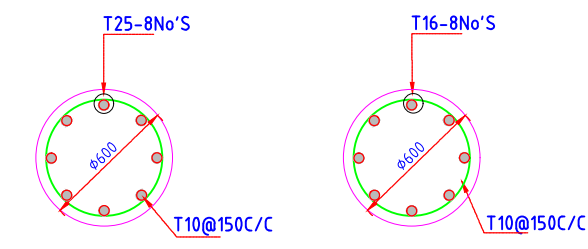
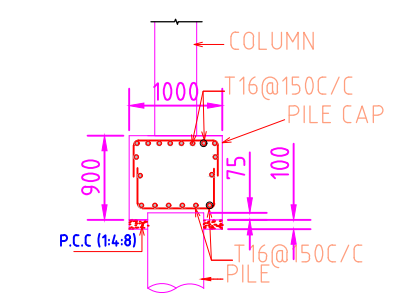
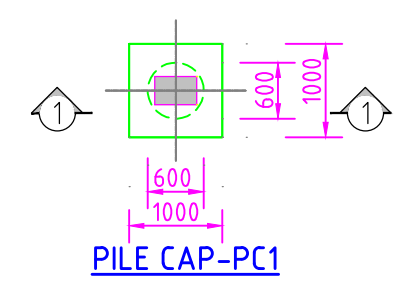
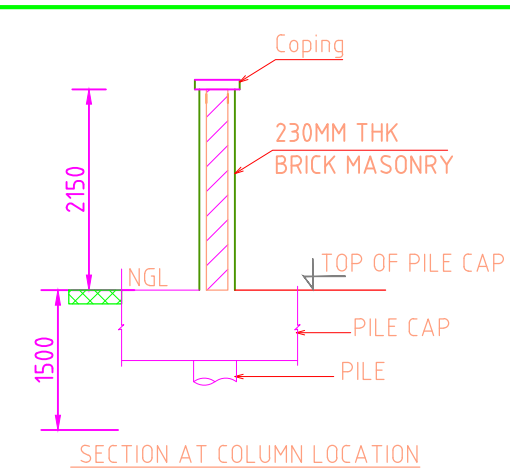
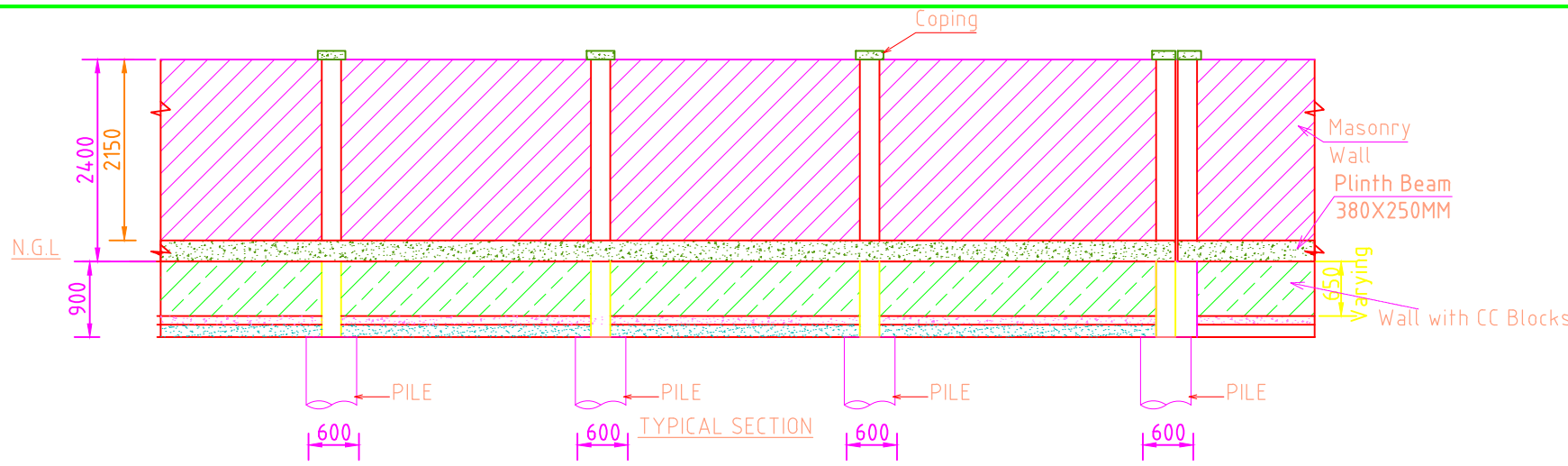
L&T Infrastructure Engineering Ltd. IN CONSORTIUM WITH ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)



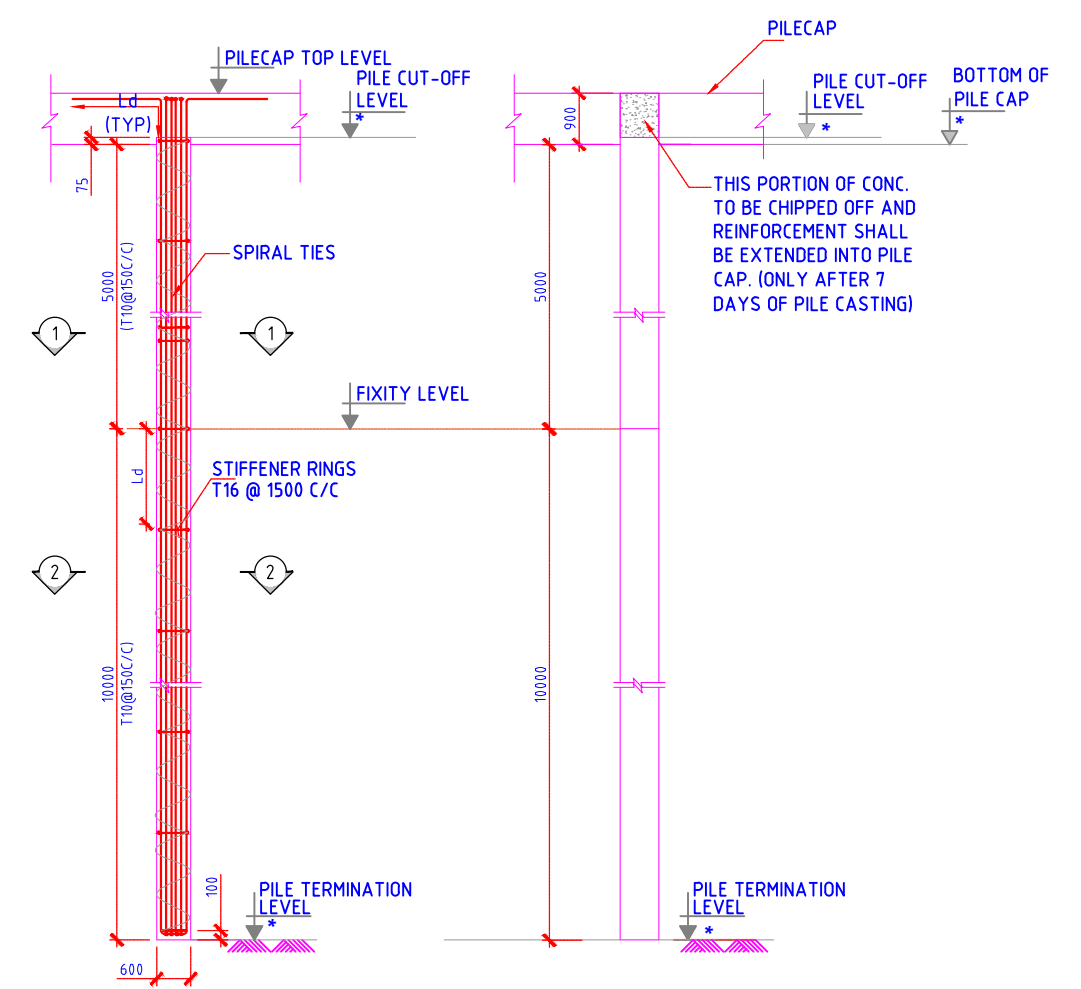
AUTO PATH: U:ROADS\2023\232704 - DETAIL DESIGN FOR APBDA\WORKING\DRAWINGS\4-ROADS\RA\DDF004-DDF007-RA-TYPICAL JUNCTION SIGNS AND MARKING.DWG

Compound Wall

AUTO PATH: X:\ROADS\2023\1232704 - DETAIL DESIGN FOR APBDD\WORKING DRAWINGS\10-BOUNDARY WALL\RA\SK001-TYP GATE & COMPOUND WALL DESIGN.DWG



Expansion joint shall be provided every 20.0m intervals
FOOTINGS & COLUMN LAYOUT IN PLAN



- GENERAL NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETER AND LEVELS ARE IN METER, UNLESS NOTED OTHERWISE.
 - DO NOT SCALE THE DRAWING. FOLLOW FIGURED DIMENSIONS ONLY.
 - CONCRETE GRADE SHALL BE M30 AS PER IS:2911-(PART 1/SEC 2-2010) USING O.P.C./P.P.C.
 - MINIMUM CEMENT CONTENT SHALL BE 400kg/cu.m. HOWEVER, WITH PROPER MIX DESIGN AND USE OF PROPER ADMIXTURE, THE CEMENT CONTENT MAY BE REDUCED. BUT, IN NO CASE, THE CEMENT CONTENT SHALL BE LESS THAN 350kg/m³.
 - WATER CEMENT RATIO SHALL BE RESTRICTED TO 0.45 TO 0.5(MAX.)
 - CONCRETING SHALL BE DONE BY TREMIE METHOD.
 - CLEAR COVER TO REINFORCEMENT FOR PILE CAP=50mm, PILE= 75mm, TIE BEAM=45mm
 - REIN. BARS SHALL BE HYSD BARS OF Fe5000 GRADE CONFORMING TO IS:1786. WITH MIN. ELONGATION OF 14.5%
 - LONGITUDINAL BARS SHALL BE TACK WELDED TO THE CIRCULAR HOOPS.
 - LAP LENGTH SHALL BE 46 TIMES OF DIA OF THE LARGER BAR.
 - LAPS SHALL BE STAGGERED & NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED AT ANY LOCATION.
 - INITIAL LOAD TEST SHALL BE AS PER IS:2911-PART-4.
 - PILE CAPACITIES SHOWN IN THE TABLE ARE BASED ON SOIL INVESTIGATION REPORT AND SHALL BE ESTABLISHED AT SITE BY PILE LOAD TESTS.
 - SUITABLE PRECAUTIONS SHALL BE TAKEN AS PER STANDARD PRACTICE DURING UNDER-WATER CONCRETING.

FOR TENDER PURPOSE ONLY

PILE CAPACITY TABLE:

PILE TYPE	NO. OF PILES	PILE SIZE (mm)	PILE LENGTH(m)	PILE CAPACITY		
				COMPRESSION (kN)	LATERAL (FOR FIXED HEAD) (kN)	UPLIFT (kN)
BORED CAST-IN-SITU	124	600φ	15.0	400	40	100

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	TITLE: COMPOUND WALL DETAILS (SHEET 1 OF 2)		DATE: 28.11.2023
	IN CONSORTIUM WITH: L&T Infrastructure Engineering Ltd.		MADE: BNK
ARTELIA Consulting Engineers Ltd. (Formerly Mahindra Consulting Engineers Ltd.)		FIGURE NO: SK001	REV: 0