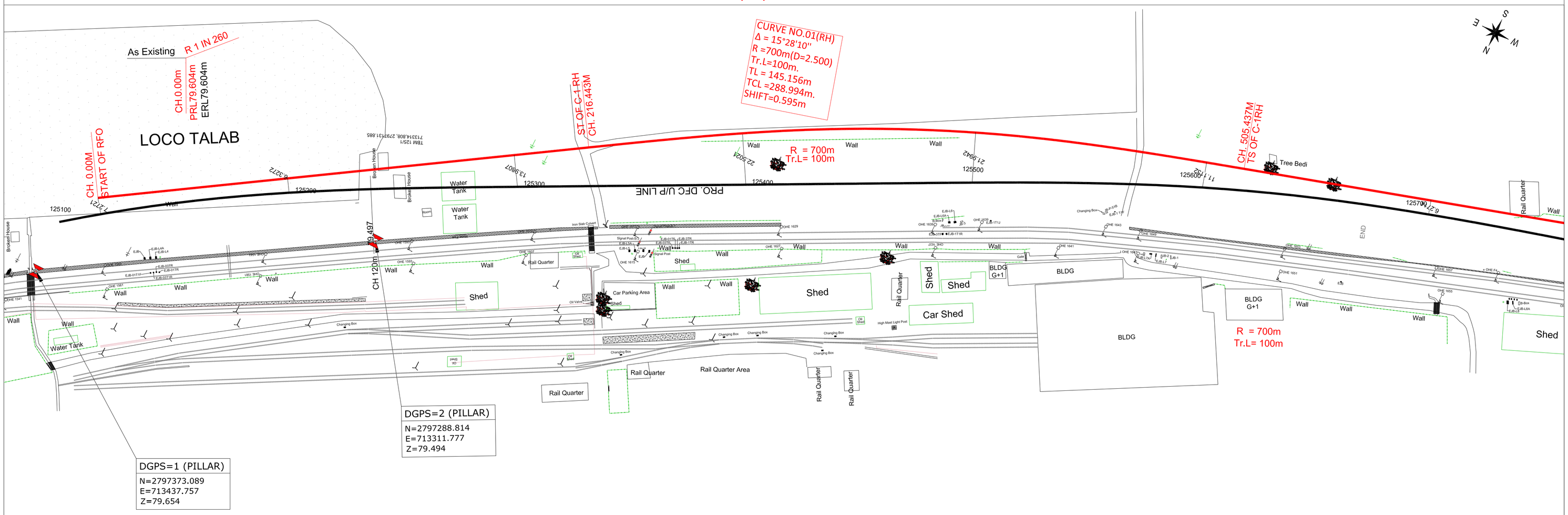
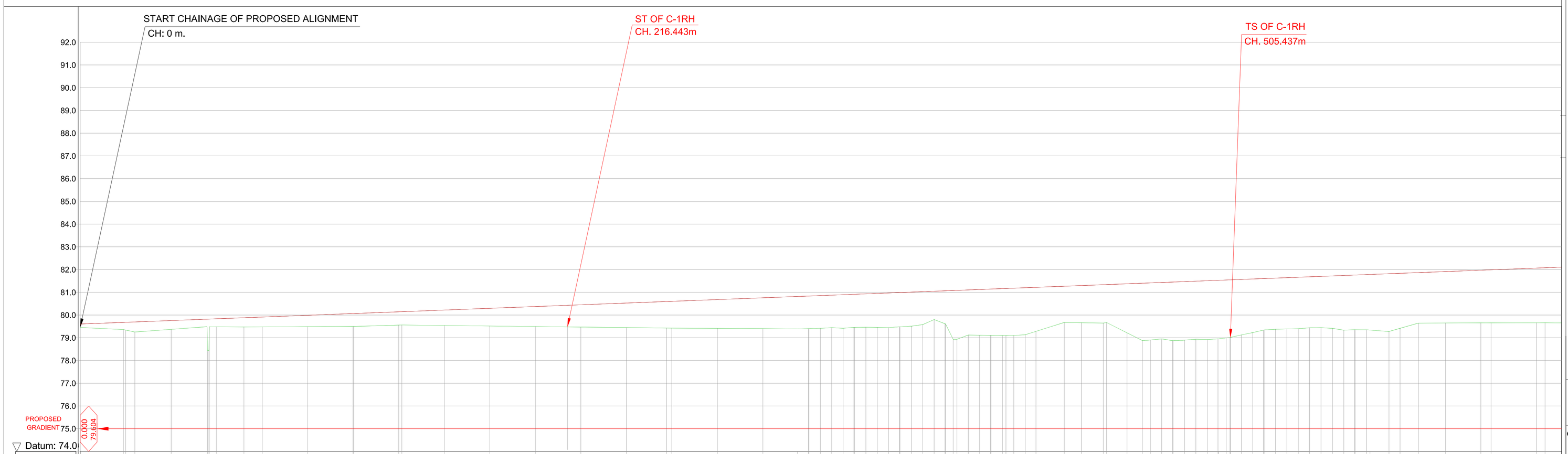
PLAN & PROFILE OF PROPOSED RAIL ALIGNMENT, NEAR DEEN DAYAL UPADHYAYA RAIL STATION

TOWARDS MGS — CHAINAGE (M) 0.000 TO 640.000 — TOWARDS BSB



PLAN DRAWING



CHAINAGE (M)	PROPOSED RAILWAY LEVEL (M)	PROPOSED FORMATION LEVEL (M)	EXISTING GROUND LEVEL (M)	CUTTING & FILLING DIFF.BET. PRO.FL & EXIST.GL (M)
0.000	80.342	79.604	79.452	0.152
20.000	80.419	79.681	79.340	0.341
40.000	80.496	79.758	79.371	0.387
60.000	80.573	79.835	79.483	0.352
80.000	80.650	79.912	79.479	0.433
100.000	80.727	79.989	79.488	0.501
120.000	80.804	80.066	79.497	0.569
140.000	80.880	80.142	79.557	0.585
160.000	80.957	80.219	79.540	0.679
180.000	81.034	80.296	79.517	0.779
200.000	81.111	80.373	79.493	0.880
220.000	81.188	80.450	79.470	0.980
240.000	81.265	80.527	79.447	1.080
260.000	81.342	80.604	79.425	1.179
280.000	81.419	80.681	79.412	1.269
300.000	81.496	80.758	79.399	1.359
320.000	81.573	80.835	79.399	1.436
340.000	81.650	80.912	79.457	1.455
360.000	81.727	80.989	79.481	1.508
380.000	81.804	81.066	79.619	1.447
400.000	81.880	81.142	79.105	2.037
420.000	81.957	81.219	79.282	1.937
440.000	82.034	81.296	79.662	1.634
460.000	82.111	81.373	79.219	2.154
480.000	82.188	81.450	78.874	2.576
500.000	82.265	81.527	78.954	2.573
520.000	82.342	81.604	79.339	2.265
540.000	82.419	81.681	79.437	2.244
560.000	82.496	81.758	79.355	2.403
580.000	82.573	81.835	79.416	2.419
600.000	82.650	81.912	79.650	2.262
620.000	82.727	81.989	79.658	2.331
640.000	82.804	82.066	79.661	2.405

LONG SECTION PROFILE

LEGEND :-

- X SECTION ALIGNMENT LINE
- EXISTING GROUND PROFILE LINE
- PROPOSED RAILWAY LEVEL
- PROPOSED FORMATION LEVEL
- RAIL TRACK (Existing)
- ROAD BITUMINOUS
- ROAD CONCRETE
- ROAD EARTHEN
- FENCING
- WAll
- DRAIN - KACHHA
- DRAIN - PUCCA
- HT LINE
- LT LINE
- DGPS POINT
- TEMPORARY BENCH MARK
- RIVER /WATER BODY
- NALA / CANAL
- TEMPLE / MOSQUE / CHURCH
- PILLAR/OFC /FEEDER PILLAR
- WATER VALVE/TAP/TUBE WELL
- ELECTRICAL POLE(EP-11/33kv,EP-LT), TRANSFORMER
- SIGNAL POST/OHE POLE
- EHV TOWER
- G+0 BUILDING
- SLAB / BOX CULVERT

NOTES :-

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE MENTIONED.
2. LOADING STANDARD - 32.5T DFCC LOADING
3. RULING GRADIENT FOR THE PROPOSED NEW B.G LINE IS PROPOSED 1 IN 200
4. TRANSITION LENGTH OF CURVES CALCULATED CONSIDERING MAXIMUM PERMISSIBLE SPEED 130KMPH. FOR THIS SECTION.
5. THE DRAWING HAS BEEN PREPARED AS PER DATA COLLECTED FROM SITE.
6. EXISTING GRADIENT AND CH. SHOWN IN THE DRAWING AS PER INDEX PLAN OF DIVISION.
7. PROPOSED TRACK STRUCTURE:-
   - 7.1. RAIL = 60KG.
   - 7.2. SLEEPER = 60KG. PSC WITH 1660 SLEEPER DENSITY.
   - 7.3. BALLAST CUSHION = 350MM
8. PT. & X-ING = 1 IN 12 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT & 1 IN 8 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT FOR SIDING LINE .
9. PASSENGER AMENITIES TO BE PROVIDED AS PER STANDARD NORMS.

EAST CENTRAL RAILWAY
DDU DIVISION

CLIENT:-
DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT:-
PROPOSED RAIL FLYOVER AT Pt. DDU

TITLE:-
DETAILED PLAN & PROFILE

डेडीकेटेड फ्रेट कोरीडोर

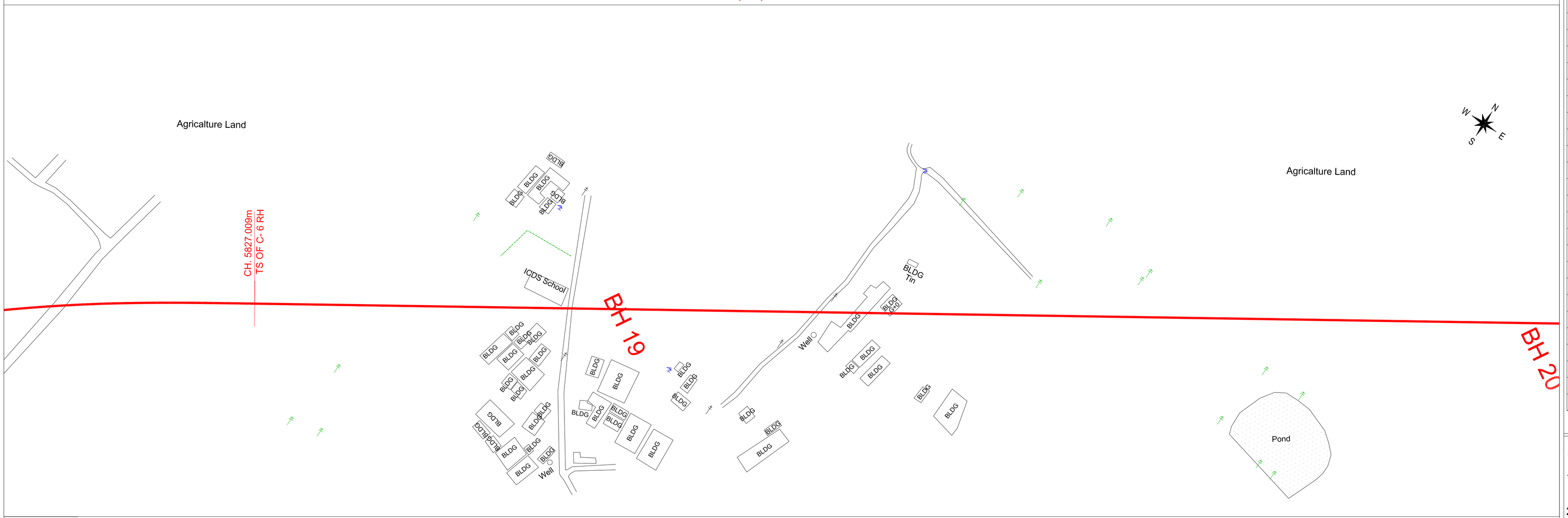
DRG. NO.	RITES/IS/RCED/DFCCIL/RFO/DDU-BSB/P&P.
SH.NO.	1 OF 13
DATE	JANUARY-2021
REV.	R0

RITES THE INFRASTRUCTURE PEOPLE

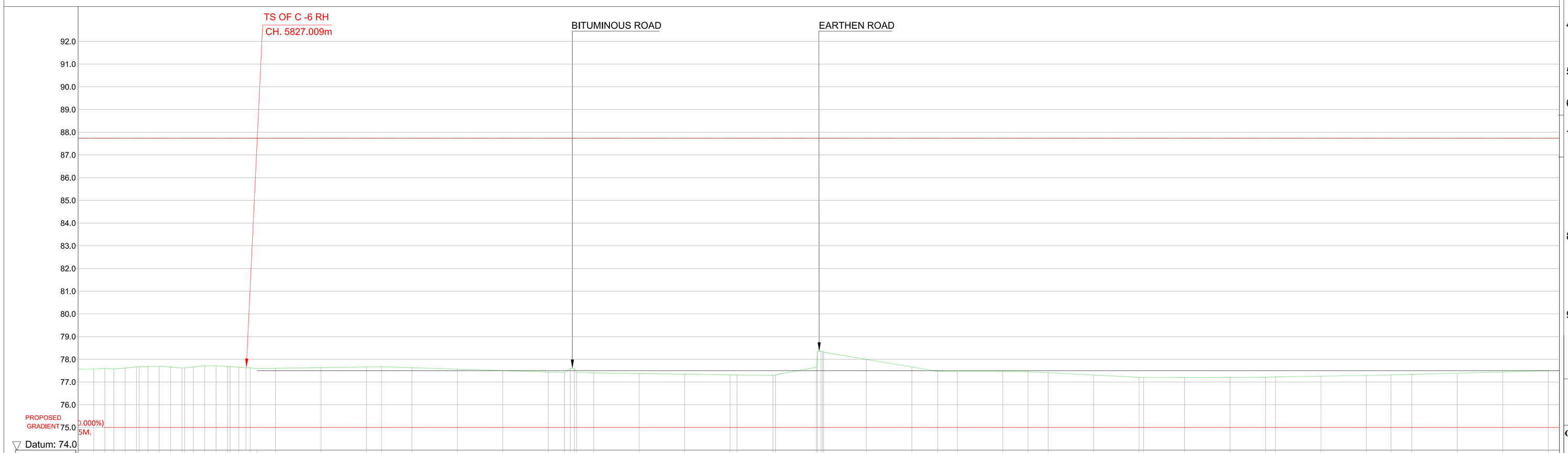
SCALE:-
HORIZANTAL 1 : 1000
VERTICAL 1 : 100

PLAN & PROFILE OF PROPOSED RAIL ALIGNMENT, NEAR DEEN DAYAL UPADHYAYA RAIL STATION

TOWARDS MGS — CHAINAGE (M) 5760.000 TO 6400.000 — TOWARDS BSB



PLAN DRAWING



CHAINAGE (M)	EXISTING GROUND LEVEL (M)	PROPOSED FORMATION LEVEL (M)	PROPOSED RAILWAY LEVEL (M)	CUTTING & FILLING DIFF.BET. PRO.FL & EXIST.GL (M)
5760.000	77.580	87.734	88.472	10.154
5780.000	77.670	87.734	88.472	10.064
5800.000	77.628	87.734	88.472	10.106
5820.000	77.677	87.734	88.472	10.057
5840.000	77.605	87.734	88.472	10.129
5860.000	77.634	87.734	88.472	10.100
5880.000	77.662	87.734	88.472	10.072
5900.000	77.630	87.734	88.472	10.104
5920.000	77.567	87.734	88.472	10.167
5940.000	77.504	87.734	88.472	10.230
5960.000	77.441	87.734	88.472	10.293
5980.000	77.404	87.734	88.472	10.330
6000.000	77.374	87.734	88.472	10.360
6020.000	77.344	87.734	88.472	10.390
6040.000	77.315	87.734	88.472	10.419
6060.000	77.316	87.734	88.472	10.418
6080.000	78.354	87.734	88.472	9.380
6100.000	77.998	87.734	88.472	9.736
6120.000	77.662	87.734	88.472	10.072
6140.000	77.468	87.734	88.472	10.266
6160.000	77.460	87.734	88.472	10.274
6180.000	77.411	87.734	88.472	10.323
6200.000	77.309	87.734	88.472	10.425
6220.000	77.207	87.734	88.472	10.527
6240.000	77.202	87.734	88.472	10.532
6260.000	77.208	87.734	88.472	10.526
6280.000	77.221	87.734	88.472	10.513
6300.000	77.256	87.734	88.472	10.478
6320.000	77.292	87.734	88.472	10.442
6340.000	77.336	87.734	88.472	10.398
6360.000	77.390	87.734	88.472	10.344
6380.000	77.443	87.734	88.472	10.291
6400.000	77.497	87.734	88.472	10.237

LONG SECTION PROFILE

LEGEND :-

	X SECTION ALIGNMENT LINE
	EXISTING GROUND PROFILE LINE
	PROPOSED RAILWAY LEVEL
	PROPOSED FORMATION LEVEL
	RAIL TRACK (Existing)
	ROAD BITUMINOUS
	ROAD CONCRETE
	ROAD EARTHEN
	FENCING
	WAll
	DRAIN - KACHHA
	DRAIN - PUCCA
	HT LINE
	LT LINE
	DGPS POINT
	TEMPORARY BENCH MARK
	RIVER /WATER BODY
	NALA / CANAL
	TEMPLE / MOSQUE / CHURCH
	PILLAR/OFC /FEEDER PILLAR
	WATER VALVE/TAP/TUBE WELL
	ELECTRICAL POLE(EP-11/33kv,EP-LT), TRANSFORMER
	SIGNAL POST/OHE POLE
	EHV TOWER
G+0	BUILDING
	SLAB / BOX CULVERT

NOTES :-

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE MENTIONED.
2. LOADING STANDARD - 32.5T DFCC LOADING
3. RULING GRADIENT FOR THE PROPOSED NEW B.G LINE IS PROPOSED 1 IN 200
4. TRANSITION LENGTH OF CURVES CALCULATED CONSIDERING MAXIMUM PERMISSIBLE SPEED 130KMPH. FOR THIS SECTION.
5. THE DRAWING HAS BEEN PREPARED AS PER DATA COLLECTED FROM SITE.
6. EXISTING GRADIENT AND CH. SHOWN IN THE DRAWING AS PER INDEX PLAN OF DIVISION.
7. PROPOSED TRACK STRUCTURE:-
   - 7.1. RAIL = 60KG.
   - 7.2. SLEEPER = 60KG. PSC WITH 1660 SLEEPER DENSITY.
   - 7.3. BALLAST CUSHION = 350MM
8. PT. & X-ING = 1 IN 12 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT & 1 IN 8 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT FOR SIDING LINE .
9. PASSENGER AMENITIES TO BE PROVIDED AS PER STANDARD NORMS.

EAST CENTRAL RAILWAY
DDU DIVISION

CLIENT:-
DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT:-
PROPOSED RAIL FLYOVER AT Pt. DDU

TITLE:-
DETAILED PLAN & PROFILE

डेडीकेटेड फ्रेट कोरीडोर

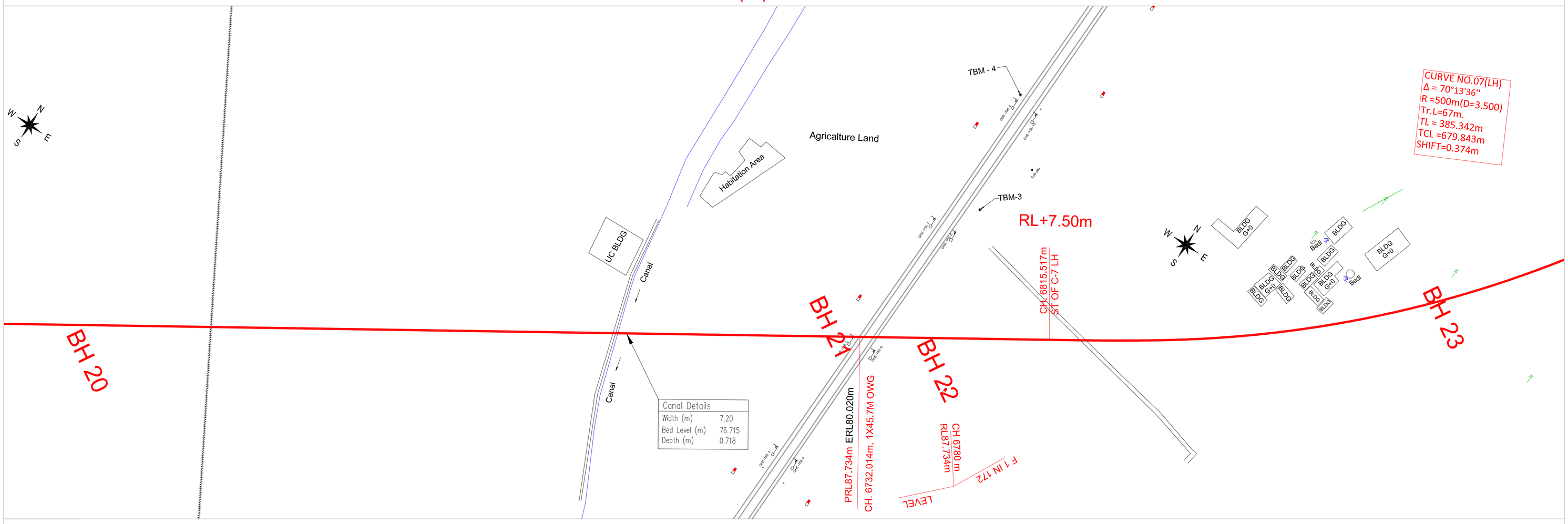
DRG. NO.	RITES/IS/RCED/DFCCIL/RFO/DDU-BSB/P&P.
SH.NO.	10 OF 13
DATE	JANUARY-2021
REV.	R0

RITES — THE INFRASTRUCTURE PEOPLE

SCALE:-
HORIZANTAL 1 : 1000
VERTICAL 1 : 100

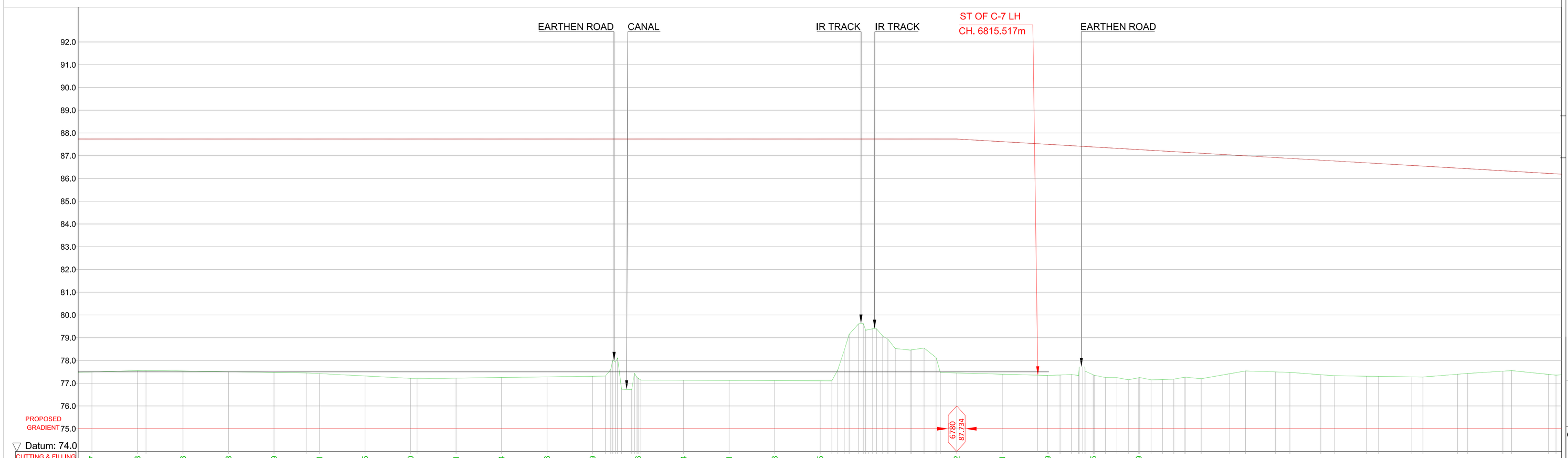
PLAN & PROFILE OF PROPOSED RAIL ALIGNMENT, NEAR DEEN DAYAL UPADHYAYA RAIL STATION

TOWARDS MGS — CHAINAGE (M) 6400.000 TO 7040.000 — TOWARDS BSB



Canal Details	
Width (m)	7.20
Bed Level (m)	76.715
Depth (m)	0.718

PLAN DRAWING



CHAINAGE (M)	EXISTING GROUND LEVEL (M)	PROPOSED FORMATION LEVEL (M)	PROPOSED RAILWAY LEVEL (M)	CUTTING & FILLING DIFF.BET. PRO.FL & EXIST.GL (M)
6400.000	77.497	87.734	88.472	10.237
6420.000	77.551	87.734	88.472	10.183
6440.000	77.536	87.734	88.472	10.198
6460.000	77.506	87.734	88.472	10.228
6480.000	77.475	87.734	88.472	10.259
6500.000	77.423	87.734	88.472	10.311
6520.000	77.319	87.734	88.472	10.415
6540.000	77.214	87.734	88.472	10.520
6560.000	77.223	87.734	88.472	10.511
6580.000	77.250	87.734	88.472	10.484
6600.000	77.278	87.734	88.472	10.456
6620.000	77.305	87.734	88.472	10.429
6640.000	77.218	87.734	88.472	10.516
6660.000	77.130	87.734	88.472	10.604
6680.000	77.123	87.734	88.472	10.611
6700.000	77.116	87.734	88.472	10.618
6720.000	77.109	87.734	88.472	10.625
6740.000	79.330	87.734	88.472	8.404
6760.000	78.464	87.734	88.472	9.270
6780.000	77.452	87.734	88.472	10.282
6800.000	77.397	87.618	88.356	10.221
6820.000	77.342	87.501	88.239	10.159
6840.000	77.370	87.385	88.123	10.015
6860.000	77.240	87.269	88.007	10.029
6880.000	77.260	87.153	87.891	9.893
6900.000	77.418	87.036	87.774	9.618
6920.000	77.497	86.920	87.658	9.423
6940.000	77.374	86.804	87.542	9.430
6960.000	77.308	86.688	87.426	9.380
6980.000	77.279	86.571	87.309	9.292
7000.000	77.394	86.455	87.193	9.061
7020.000	77.529	86.339	87.077	8.810
7040.000	77.388	86.222	86.960	8.834

LONG SECTION PROFILE

LEGEND :-

	X SECTION ALIGNMENT LINE
	EXISTING GROUND PROFILE LINE
	PROPOSED RAILWAY LEVEL
	PROPOSED FORMATION LEVEL
	RAIL TRACK (Existing)
	ROAD BITUMINOUS
	ROAD CONCRETE
	ROAD EARTHEN
	FENCING
	WAll
	DRAIN - KACHHA
	DRAIN - PUCCA
	HT LINE
	LT LINE
	DGPS POINT
	TEMPORARY BENCH MARK
	RIVER /WATER BODY
	NALA / CANAL
	TEMPLE / MOSQUE / CHURCH
	PILLAR/OFC /FEEDER PILLAR
	WATER VALVE/TAP/TUBE WELL
	ELECTRICAL POLE(EP-11/33kv,EP-LT), TRANSFORMER
	SIGNAL POST/OHE POLE
	EHV TOWER
G+0	BUILDING
	SLAB / BOX CULVERT

NOTES :-

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE MENTIONED.
2. LOADING STANDARD - 32.5T DFCC LOADING
3. RULING GRADIENT FOR THE PROPOSED NEW B.G LINE IS PROPOSED 1 IN 200
4. TRANSITION LENGTH OF CURVES CALCULATED CONSIDERING MAXIMUM PERMISSIBLE SPEED 130KMPH. FOR THIS SECTION.
5. THE DRAWING HAS BEEN PREPARED AS PER DATA COLLECTED FROM SITE.
6. EXISTING GRADIENT AND CH. SHOWN IN THE DRAWING AS PER INDEX PLAN OF DIVISION.
7. PROPOSED TRACK STRUCTURE:-
   - 7.1. RAIL = 60KG.
   - 7.2. SLEEPER = 60KG. PSC WITH 1660 SLEEPER DENSITY.
   - 7.3. BALLAST CUSHION = 350MM
8. PT. & X-ING = 1 IN 12 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT & 1 IN 8 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT FOR SIDING LINE .
9. PASSENGER AMENITIES TO BE PROVIDED AS PER STANDARD NORMS.

EAST CENTRAL RAILWAY
DDU DIVISION

CLIENT:-
DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT:-
PROPOSED RAIL FLYOVER AT Pt. DDU

TITLE:-
DETAILED PLAN & PROFILE

डेडीकेटेड फ्रेट कॉरीडोर

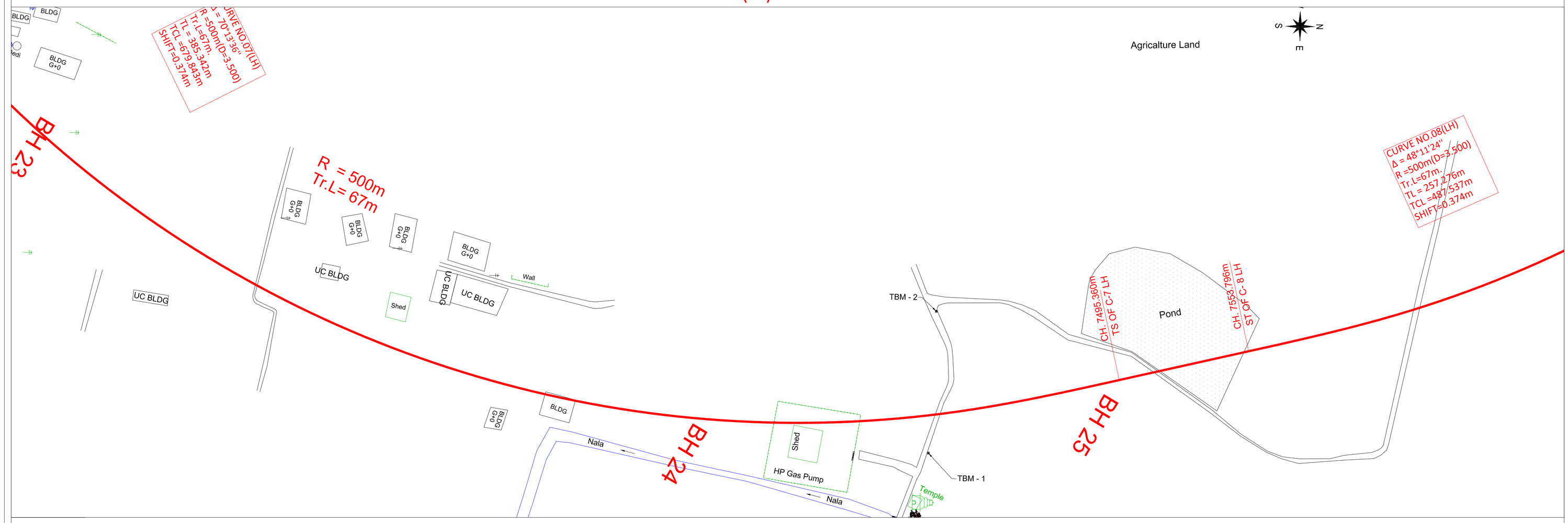
DRG. NO.	RITES/IS/RCED/DFCCIL/RFO/DDU-BSB/P&P.
SH.NO.	11 OF 13
DATE	JANUARY-2021
REV.	R0

RITES THE INFRASTRUCTURE PEOPLE

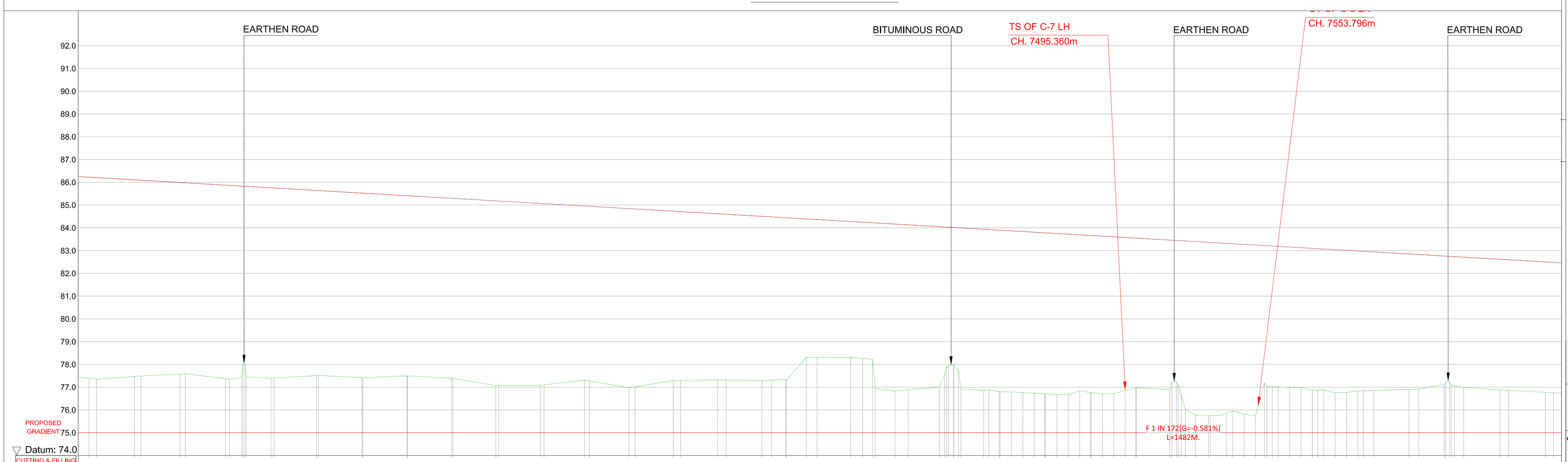
HORIZANTAL 1 : 1000
VERTICAL 1 : 100

PLAN & PROFILE OF PROPOSED RAIL ALIGNMENT, NEAR DEEN DAYAL UPADHYAYA RAIL STATION

TOWARDS MGS — CHAINAGE (M) 7040.000 TO 7680.000 — TOWARDS BSB



PLAN DRAWING



CHAINAGE (M)	EXISTING GROUND LEVEL (M)	PROPOSED FORMATION LEVEL (M)	PROPOSED RAILWAY LEVEL (M)	CUTTING & FILLING DIFF.BET. PRO.FL & EXIST.GL (M)
7040.000	77.388	86.222	86.960	8.834
7060.000	77.471	86.106	86.844	8.635
7080.000	77.578	85.990	86.726	8.412
7100.000	77.371	85.874	86.612	8.503
7120.000	77.402	85.757	86.495	8.355
7140.000	77.509	85.641	86.379	8.132
7160.000	77.417	85.525	86.263	8.108
7180.000	77.495	85.408	86.146	7.913
7200.000	77.385	85.292	86.030	7.907
7220.000	77.069	85.176	85.914	8.107
7240.000	77.099	85.060	85.796	7.961
7260.000	77.273	84.943	85.681	7.670
7280.000	77.016	84.827	85.565	7.811
7300.000	77.299	84.711	85.449	7.412
7320.000	77.312	84.595	85.333	7.283
7340.000	77.310	84.478	85.216	7.168
7360.000	78.309	84.362	85.100	6.053
7380.000	78.263	84.246	84.984	5.983
7400.000	76.882	84.129	84.867	7.247
7420.000	77.982	84.013	84.751	6.031
7440.000	76.810	83.897	84.635	7.087
7460.000	76.706	83.781	84.519	7.075
7480.000	76.765	83.664	84.402	6.899
7500.000	76.974	83.548	84.286	6.574
7520.000	76.639	83.432	84.170	6.793
7540.000	75.860	83.316	84.054	7.456
7560.000	77.011	83.199	83.937	6.188
7580.000	76.869	83.083	83.821	6.214
7600.000	76.842	82.967	83.705	6.125
7620.000	76.904	82.850	83.588	5.946
7640.000	77.065	82.734	83.472	5.669
7660.000	76.884	82.618	83.356	5.734
7680.000	76.771	82.502	83.240	5.731

LONG SECTION PROFILE

LEGEND :-

- X SECTION ALIGNMENT LINE
- EXISTING GROUND PROFILE LINE
- PROPOSED RAILWAY LEVEL
- PROPOSED FORMATION LEVEL
- RAIL TRACK (Existing)
- ROAD BITUMINOUS
- ROAD CONCRETE
- ROAD EARTHEN
- FENCING
- WAll
- DRAIN - KACHHA
- DRAIN - PUCCA
- HT LINE
- LT LINE
- DGPS POINT
- TEMPORARY BENCH MARK
- RIVER /WATER BODY
- NALA / CANAL
- TEMPLE / MOSQUE / CHURCH
- PILLAR/OFC /FEEDER PILLAR
- WATER VALVE/TAP/TUBE WELL
- ELECTRICAL POLE(EP-11/33kv,EP-LT), TRANSFORMER
- SIGNAL POST/OHE POLE
- EHV TOWER
- G+0 BUILDING
- SLAB / BOX CULVERT

NOTES :-

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE MENTIONED.
2. LOADING STANDARD - 32.5T DFCC LOADING
3. RULING GRADIENT FOR THE PROPOSED NEW B.G LINE IS PROPOSED 1 IN 200
4. TRANSITION LENGTH OF CURVES CALCULATED CONSIDERING MAXIMUM PERMISSIBLE SPEED 130KMPH. FOR THIS SECTION.
5. THE DRAWING HAS BEEN PREPARED AS PER DATA COLLECTED FROM SITE.
6. EXISTING GRADIENT AND CH. SHOWN IN THE DRAWING AS PER INDEX PLAN OF DIVISION.
7. PROPOSED TRACK STRUCTURE:-
   - 7.1. RAIL = 60KG.
   - 7.2. SLEEPER = 60KG. PSC WITH 1660 SLEEPER DENSITY.
   - 7.3. BALLAST CUSHION = 350MM
8. PT. & X-ING = 1 IN 12 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT & 1 IN 8 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT FOR SIDING LINE .
9. PASSENGER AMENITIES TO BE PROVIDED AS PER STANDARD NORMS.

EAST CENTRAL RAILWAY
DDU DIVISION

CLIENT:-
DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT:-
PROPOSED RAIL FLYOVER AT Pt. DDU

TITLE:-
DETAILED PLAN & PROFILE

डेडीकेटेड फ्रेट कॉरीडोर

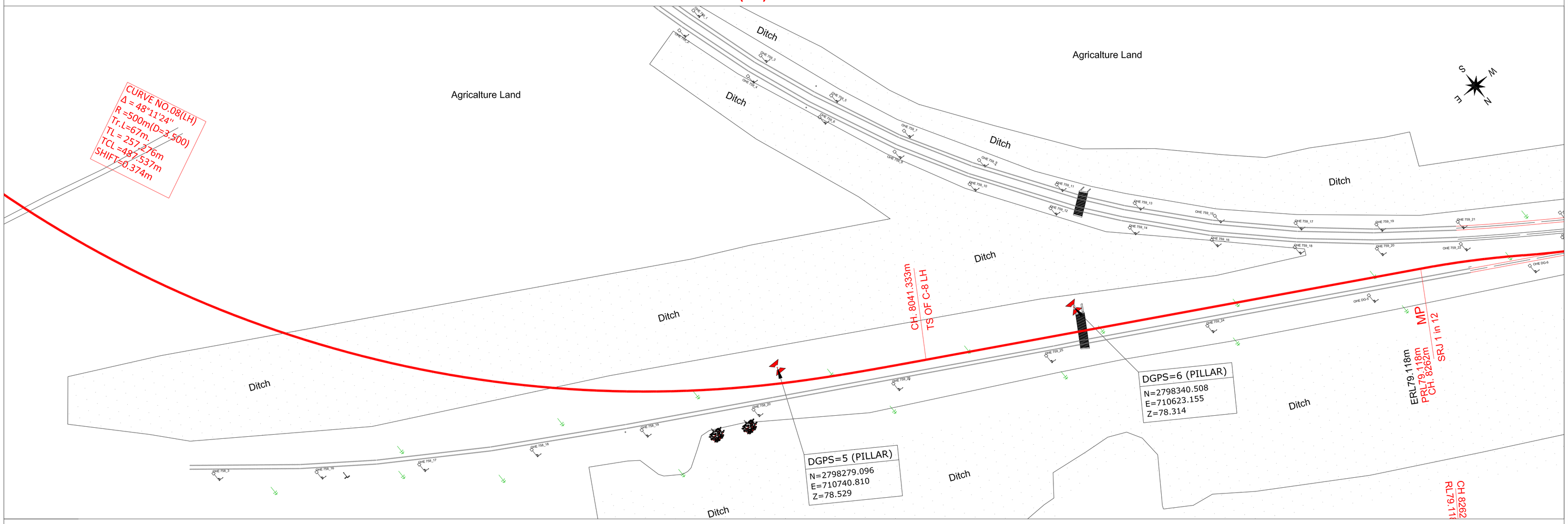
DRG. NO.	RITES/IS/RCED/DFCCIL/RFO/DDU-BSB/P&P.
SH.NO.	12 OF 13
DATE	JANUARY-2021
REV.	R0

RITES THE INFRASTRUCTURE PEOPLE

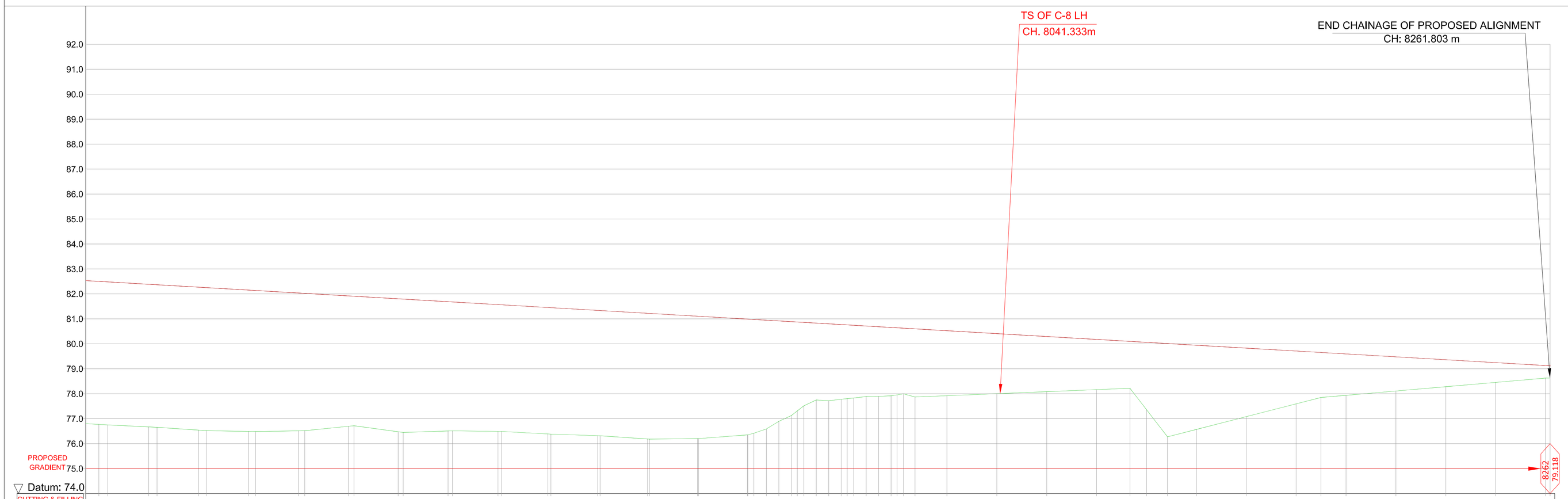
HORIZANTAL 1 : 1000
VERTICAL 1 : 100

PLAN & PROFILE OF PROPOSED RAIL ALIGNMENT, NEAR DEEN DAYAL UPADHYAYA RAIL STATION

TOWARDS MGS — CHAINAGE (M) 7680.000 TO 8261.803 — TOWARDS BSB



PLAN DRAWING



CHAINAGE (M)	EXISTING GROUND LEVEL (M)	PROPOSED FORMATION LEVEL (M)	PROPOSED RAILWAY LEVEL (M)	CUTTING & FILLING DIFF.BET. PRO.FL & EXIST.GL (M)
7680.000	76.771	82.502	83.240	5.731
7700.000	76.671	82.385	83.123	5.714
7720.000	76.542	82.269	83.007	5.727
7740.000	76.488	82.153	82.891	5.665
7760.000	76.514	82.037	82.775	5.523
7780.000	76.695	81.920	82.658	5.225
7800.000	76.476	81.804	82.542	5.328
7820.000	76.507	81.688	82.426	5.181
7840.000	76.490	81.571	82.309	5.081
7860.000	76.389	81.455	82.193	5.066
7880.000	76.318	81.339	82.077	5.021
7900.000	76.187	81.223	81.961	5.036
7920.000	76.201	81.106	81.844	4.905
7940.000	76.351	80.990	81.728	4.639
7960.000	77.311	80.874	81.612	3.563
7980.000	77.803	80.757	81.495	2.954
8000.000	77.955	80.641	81.379	2.686
8020.000	77.921	80.525	81.263	2.604
8040.000	78.002	80.409	81.147	2.407
8060.000	78.083	80.292	81.030	2.209
8080.000	78.164	80.176	80.914	2.012
8100.000	77.363	80.060	80.798	2.697
8120.000	76.569	79.944	80.682	3.375
8140.000	77.082	79.827	80.565	2.745
8160.000	77.595	79.711	80.449	2.116
8180.000	77.937	79.595	80.333	1.658
8200.000	78.109	79.478	80.216	1.369
8220.000	78.282	79.362	80.100	1.080
8240.000	78.454	79.246	79.984	0.792
8260.000	78.626	79.130	79.868	0.504
8261.803	78.623	79.110	79.850	0.494

LONG SECTION PROFILE

LEGEND :-

	X SECTION ALIGNMENT LINE
	EXISTING GROUND PROFILE LINE
	PROPOSED RAILWAY LEVEL
	PROPOSED FORMATION LEVEL
	RAIL TRACK (Existing)
	ROAD BITUMINOUS
	ROAD CONCRETE
	ROAD EARTHEN
	FENCING
	WAll
	DRAIN - KACHHA
	DRAIN - PUCCA
	HT LINE
	LT LINE
	DGPS POINT
	TEMPORARY BENCH MARK
	RIVER /WATER BODY
	NALA / CANAL
	TEMPLE / MOSQUE / CHURCH
	PILLAR/OFC /FEEDER PILLAR
	WATER VALVE/TAP/TUBE WELL
	ELECTRICAL POLE(EP-11/33kv,EP-LT), TRANSFORMER
	SIGNAL POST/OHE POLE
	EHV TOWER
G+0	BUILDING
	SLAB / BOX CULVERT

NOTES :-

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE MENTIONED.
2. LOADING STANDARD - 32.5T DFCC LOADING
3. RULING GRADIENT FOR THE PROPOSED NEW B.G LINE IS PROPOSED 1 IN 200
4. TRANSITION LENGTH OF CURVES CALCULATED CONSIDERING MAXIMUM PERMISSIBLE SPEED 130KMPH. FOR THIS SECTION.
5. THE DRAWING HAS BEEN PREPARED AS PER DATA COLLECTED FROM SITE.
6. EXISTING GRADIENT AND CH. SHOWN IN THE DRAWING AS PER INDEX PLAN OF DIVISION.
7. PROPOSED TRACK STRUCTURE:-
   - 7.1. RAIL = 60KG.
   - 7.2. SLEEPER = 60KG. PSC WITH 1660 SLEEPER DENSITY.
   - 7.3. BALLAST CUSHION = 350MM
8. PT. & X-ING = 1 IN 12 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT & 1 IN 8 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT FOR SIDING LINE .
9. PASSENGER AMENITIES TO BE PROVIDED AS PER STANDARD NORMS.

EAST CENTRAL RAILWAY
DDU DIVISION

DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROPOSED RAIL FLYOVER AT Pt. DDU

TITLE:-
DETAILED PLAN & PROFILE

डेडीकेटेड फ्रेट कॉरीडोर

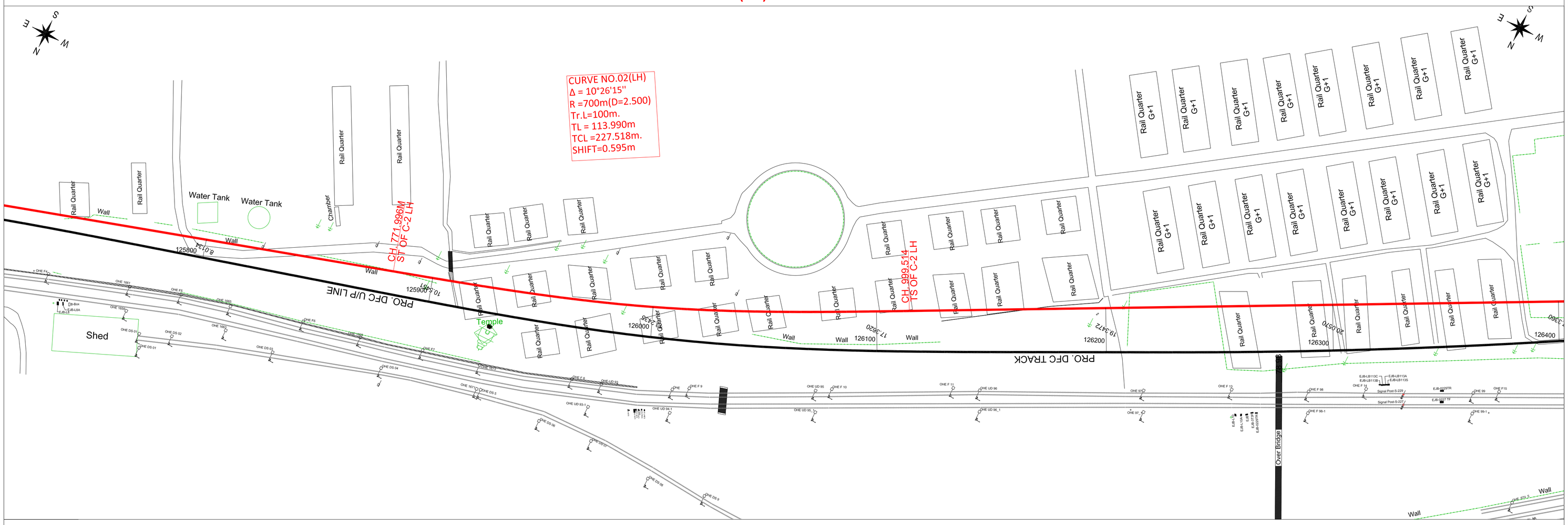
DRG. NO.	RITES/IS/RCED/DFCCIL/RFO/DDU-BSB/P&P.
SH.NO.	13 OF 13
DATE	JANUARY-2021
REV.	R0

RITES THE INFRASTRUCTURE PEOPLE

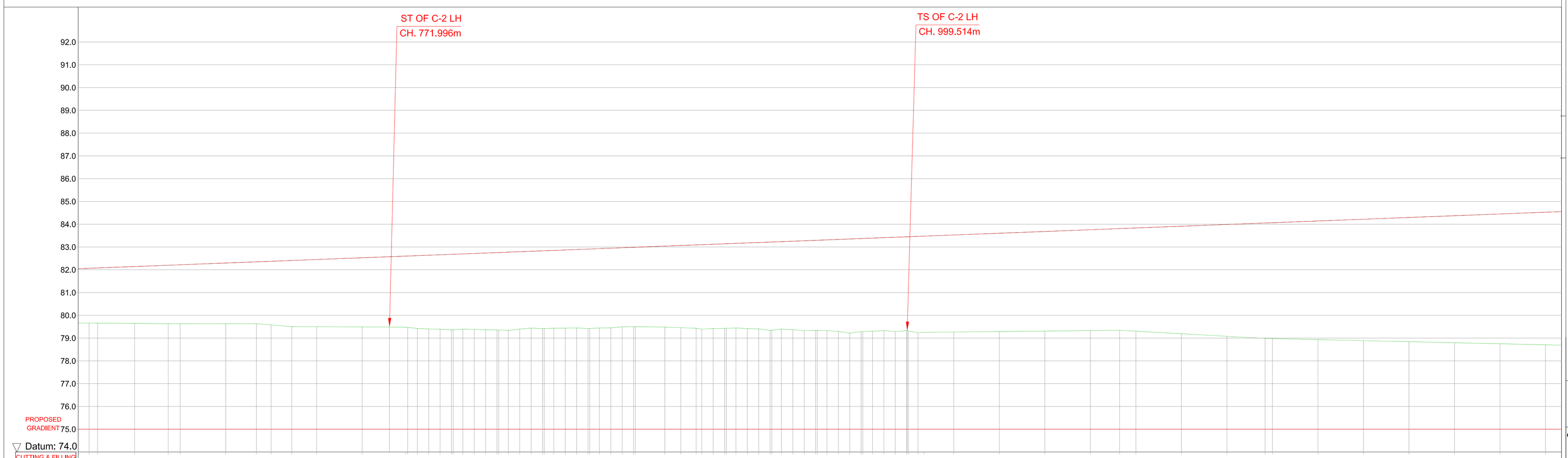
SCALE:-
HORIZANTAL 1 : 1000
VERTICAL 1 : 100

PLAN & PROFILE OF PROPOSED RAIL ALIGNMENT, NEAR DEEN DAYAL UPADHYAYA RAIL STATION

TOWARDS MGS — CHAINAGE (M) 640.000 TO 1280.000 — TOWARDS BSB



PLAN DRAWING



CHAINAGE (M)	CUTTING & FILLING DIFF.BET. PRO.FL & EXIST.GL (M)	PROPOSED RAILWAY LEVEL (M)	PROPOSED FORMATION LEVEL (M)	EXISTING GROUND LEVEL (M)
640.000	2.405	82.804	82.066	79.661
660.000	2.497	82.880	82.142	79.645
680.000	2.589	82.957	82.219	79.630
700.000	2.666	83.034	82.296	79.630
720.000	2.795	83.111	82.373	79.578
740.000	2.950	83.188	82.450	79.500
760.000	3.037	83.265	82.527	79.490
780.000	3.133	83.342	82.604	79.471
800.000	3.315	83.419	82.681	79.366
820.000	3.402	83.496	82.758	79.356
840.000	3.416	83.573	82.835	79.419
860.000	3.490	83.650	82.912	79.422
880.000	3.488	83.727	82.989	79.501
900.000	3.608	83.804	83.066	79.458
920.000	3.712	83.880	83.142	79.430
940.000	3.872	83.957	83.219	79.347
960.000	3.961	84.034	83.296	79.335
980.000	4.085	84.111	83.373	79.288
1000.000	4.136	84.188	83.450	79.314
1020.000	4.260	84.265	83.527	79.267
1040.000	4.316	84.342	83.604	79.288
1060.000	4.372	84.419	83.681	79.309
1080.000	4.428	84.496	83.758	79.330
1100.000	4.532	84.573	83.835	79.303
1120.000	4.720	84.650	83.912	79.192
1140.000	4.908	84.727	83.989	79.081
1160.000	5.086	84.804	84.066	78.980
1180.000	5.208	84.880	84.142	78.934
1200.000	5.331	84.957	84.219	78.888
1220.000	5.454	85.034	84.296	78.842
1240.000	5.576	85.111	84.373	78.797
1260.000	5.699	85.188	84.450	78.751
1280.000	5.822	85.265	84.527	78.705

LONG SECTION PROFILE

LEGEND :-

- X SECTION ALIGNMENT LINE
- EXISTING GROUND PROFILE LINE
- PROPOSED RAILWAY LEVEL
- PROPOSED FORMATION LEVEL
- RAIL TRACK (Existing)
- ROAD BITUMINOUS
- ROAD CONCRETE
- ROAD EARTHEN
- FENCING
- WAll
- DRAIN - KACHHA
- DRAIN - PUCCA
- HT LINE
- LT LINE
- DGPS POINT
- TEMPORARY BENCH MARK
- RIVER /WATER BODY
- NALA / CANAL
- TEMPLE / MOSQUE / CHURCH
- PILLAR/OFC /FEEDER PILLAR
- WATER VALVE/TAP/TUBE WELL
- ELECTRICAL POLE(EP-11/33kv,EP-LT), TRANSFORMER
- SIGNAL POST/OHE POLE
- EHV TOWER
- G+0 BUILDING
- SLAB / BOX CULVERT

NOTES :-

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE MENTIONED.
2. LOADING STANDARD - 32.5T DFCC LOADING
3. RULING GRADIENT FOR THE PROPOSED NEW B.G LINE IS PROPOSED 1 IN 200
4. TRANSITION LENGTH OF CURVES CALCULATED CONSIDERING MAXIMUM PERMISSIBLE SPEED 130KMPH. FOR THIS SECTION.
5. THE DRAWING HAS BEEN PREPARED AS PER DATA COLLECTED FROM SITE.
6. EXISTING GRADIENT AND CH. SHOWN IN THE DRAWING AS PER INDEX PLAN OF DIVISION.
7. PROPOSED TRACK STRUCTURE:-
   - 7.1. RAIL = 60KG.
   - 7.2. SLEEPER = 60KG. PSC WITH 1660 SLEEPER DENSITY.
   - 7.3. BALLAST CUSHION = 350MM
8. PT. & X-ING = 1 IN 12 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT & 1 IN 8 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT FOR SIDING LINE .
9. PASSENGER AMENITIES TO BE PROVIDED AS PER STANDARD NORMS.

EAST CENTRAL RAILWAY
DDU DIVISION

CLIENT:-
DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT:-
PROPOSED RAIL FLYOVER AT Pt. DDU

TITLE:-
DETAILED PLAN & PROFILE

डेडीकेटेड फ्रेट कॉरीडोर

DRG. NO.	RITES/IS/RCED/DFCCIL/RFO/DDU-BSB/P&P.
SH.NO.	2 OF 13
DATE	JANUARY-2021
REV.	R0

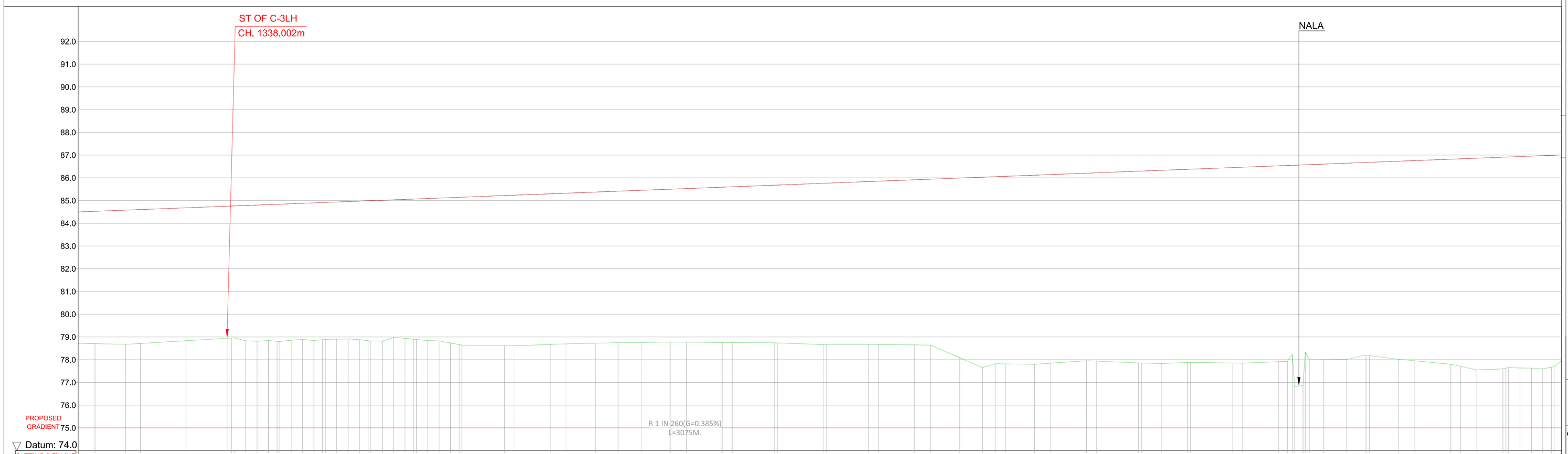
RITES THE INFRASTRUCTURE PEOPLE

SCALE:-
HORIZANTAL 1 : 1000
VERTICAL 1 : 100

PLAN & PROFILE OF PROPOSED RAIL ALIGNMENT, NEAR DEEN DAYAL UPADHYAYA RAIL STATION

TOWARDS MGS — CHAINAGE (M) 1280.000 TO 1920.000 — TOWARDS BSB

PLAN DRAWING



CHAINAGE (M)	EXISTING GROUND LEVEL (M)	PROPOSED FORMATION LEVEL (M)	PROPOSED RAILWAY LEVEL (M)	CUTTING & FILLING DIFF.BET. PRO.FL & EXIST.GL (M)
1280.000	78.705	84.527	85.265	5.822
1300.000	78.714	84.604	85.342	5.890
1320.000	78.835	84.681	85.419	5.846
1340.000	78.956	84.758	85.496	5.802
1360.000	78.809	84.835	85.573	6.026
1380.000	78.882	84.912	85.650	6.030
1400.000	78.836	84.989	85.727	6.153
1420.000	78.900	85.066	85.804	6.166
1440.000	78.665	85.142	85.880	6.477
1460.000	78.617	85.219	85.957	6.602
1480.000	78.670	85.296	86.034	6.626
1500.000	78.725	85.373	86.111	6.648
1520.000	78.760	85.450	86.188	6.690
1540.000	78.770	85.527	86.265	6.757
1560.000	78.756	85.604	86.342	6.848
1580.000	78.736	85.681	86.419	6.945
1600.000	78.664	85.758	86.496	7.094
1620.000	78.668	85.835	86.573	7.167
1640.000	78.650	85.912	86.650	7.262
1660.000	78.085	85.989	86.727	7.904
1680.000	77.815	86.066	86.804	8.251
1700.000	77.846	86.143	86.881	8.297
1720.000	77.937	86.219	86.957	8.282
1740.000	77.853	86.296	87.034	8.443
1760.000	77.875	86.373	87.111	8.498
1780.000	77.853	86.450	87.188	8.597
1800.000	77.911	86.527	87.265	8.616
1820.000	78.006	86.604	87.342	8.598
1840.000	78.183	86.681	87.419	8.498
1860.000	77.951	86.758	87.496	8.807
1880.000	77.707	86.835	87.573	9.128
1900.000	77.627	86.912	87.650	9.285
1920.000	77.672	86.989	87.727	9.317

LONG SECTION PROFILE

LEGEND :-

- X SECTION ALIGNMENT LINE
- EXISTING GROUND PROFILE LINE
- PROPOSED RAILWAY LEVEL
- PROPOSED FORMATION LEVEL
- RAIL TRACK (Existing)
- ROAD BITUMINOUS
- ROAD CONCRETE
- ROAD EARTHEN
- FENCING
- WAll
- DRAIN - KACHHA
- DRAIN - PUCCA
- HT LINE
- LT LINE
- DGPS POINT
- TEMPORARY BENCH MARK
- RIVER /WATER BODY
- NALA / CANAL
- TEMPLE / MOSQUE / CHURCH
- PILLAR/OFC /FEEDER PILLAR
- WATER VALVE/TAP/TUBE WELL
- ELECTRICAL POLE(EP-11/33kv,EP-LT), TRANSFORMER
- SIGNAL POST/OHE POLE
- EHV TOWER
- G+0 BUILDING
- SLAB / BOX CULVERT

NOTES :-

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE MENTIONED.
2. LOADING STANDARD - 32.5T DFCC LOADING
3. RULING GRADIENT FOR THE PROPOSED NEW B.G LINE IS PROPOSED 1 IN 200
4. TRANSITION LENGTH OF CURVES CALCULATED CONSIDERING MAXIMUM PERMISSIBLE SPEED 130KMPH. FOR THIS SECTION.
5. THE DRAWING HAS BEEN PREPARED AS PER DATA COLLECTED FROM SITE.
6. EXISTING GRADIENT AND CH. SHOWN IN THE DRAWING AS PER INDEX PLAN OF DIVISION.
7. PROPOSED TRACK STRUCTURE:-
   - 7.1. RAIL = 60KG.
   - 7.2. SLEEPER = 60KG. PSC WITH 1660 SLEEPER DENSITY.
   - 7.3. BALLAST CUSHION = 350MM
8. PT. & X-ING = 1 IN 12 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT & 1 IN 8 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT FOR SIDING LINE .
9. PASSENGER AMENITIES TO BE PROVIDED AS PER STANDARD NORMS.

EAST CENTRAL RAILWAY
DDU DIVISION

CLIENT:-
DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT:-
PROPOSED RAIL FLYOVER AT Pt. DDU

TITLE:-
DETAILED PLAN & PROFILE

डेडीकेटेड फ्रेट कोरीडोर

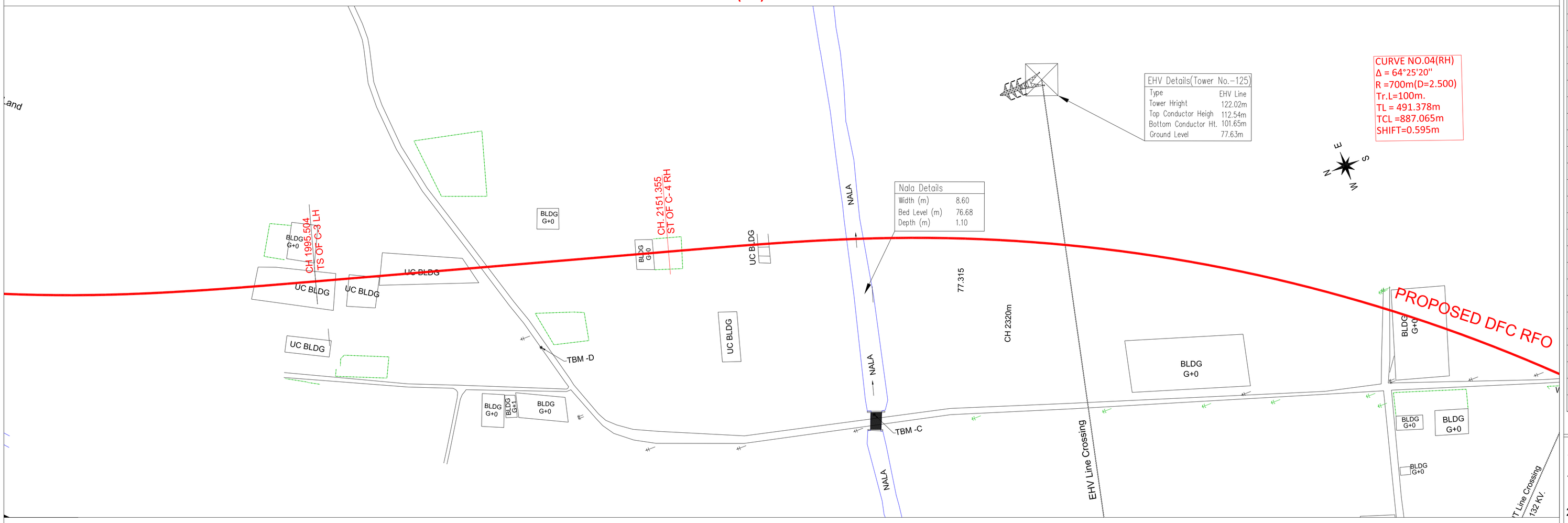
DRG. NO.	RITES/IS/RCED/DFCCIL/RFO/DDU-BSB/P&P.
SH.NO.	3 OF 13
DATE	JANUARY-2021
REV.	R0

RITES THE INFRASTRUCTURE PEOPLE

SCALE:-
HORIZANTAL 1 : 1000
VERTICAL 1 : 100

PLAN & PROFILE OF PROPOSED RAIL ALIGNMENT, NEAR DEEN DAYAL UPADHYAYA RAIL STATION

TOWARDS MGS — CHAINAGE (M) 1920.000 TO 2560.000 — TOWARDS BSB



PLAN DRAWING

CHAINAGE (M)	EXISTING GROUND LEVEL (M)	PROPOSED FORMATION LEVEL (M)	PROPOSED RAILWAY LEVEL (M)	CUTTING & FILLING DIFF.BET. PRO.FL & EXIST.GL (M)
1920.000	77.672	86.989	87.727	9.317
1940.000	77.643	87.066	87.804	9.423
1960.000	77.835	87.143	87.881	9.308
1980.000	77.823	87.219	87.957	9.396
2000.000	77.586	87.296	88.034	9.710
2020.000	77.617	87.373	88.111	9.756
2040.000	77.649	87.450	88.188	9.801
2060.000	77.680	87.527	88.265	9.847
2080.000	77.711	87.604	88.342	9.893
2100.000	77.734	87.681	88.419	9.947
2120.000	77.809	87.758	88.496	9.949
2140.000	77.731	87.835	88.573	10.104
2160.000	77.653	87.912	88.650	10.259
2180.000	77.575	87.989	88.727	10.414
2200.000	77.443	88.066	88.804	10.623
2220.000	77.402	88.143	88.881	10.741
2240.000	77.412	88.219	88.957	10.807
2260.000	77.591	88.296	89.034	10.705
2280.000	77.235	88.373	89.111	11.138
2300.000	77.315	88.450	89.188	11.135
2320.000	77.333	88.527	89.265	11.194
2340.000	77.366	88.604	89.342	11.238
2360.000	77.378	88.681	89.419	11.303
2380.000	77.320	88.758	89.496	11.438
2400.000	77.302	88.835	89.573	11.533
2420.000	77.388	88.912	89.650	11.524
2440.000	77.388	88.989	89.727	11.601
2460.000	77.359	89.066	89.804	11.707
2480.000	77.429	89.143	89.881	11.714
2500.000	77.812	89.219	89.957	11.407
2520.000	77.730	89.296	90.034	11.566
2540.000	77.940	89.373	90.111	11.433
2560.000	77.689	89.450	90.188	11.761

LONG SECTION PROFILE

LEGEND :-

X SECTION ALIGNMENT LINE
EXISTING GROUND PROFILE LINE
PROPOSED RAILWAY LEVEL
PROPOSED FORMATION LEVEL
RAIL TRACK (Existing)
ROAD BITUMINOUS
ROAD CONCRETE
ROAD EARTHEN
FENCING
WAll
DRAIN - KACHHA
DRAIN - PUCCA
HT LINE
LT LINE
DGPS POINT
TEMPORARY BENCH MARK
RIVER /WATER BODY
NALA / CANAL
TEMPLE / MOSQUE / CHURCH
PILLAR/OFC /FEEDER PILLAR
WATER VALVE/TAP/TUBE WELL
ELECTRICAL POLE(EP-11/33kv,EP-LT), TRANSFORMER
SIGNAL POST/OHE POLE
EHV TOWER
BUILDING
SLAB / BOX CULVERT

NOTES :-

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE MENTIONED.
2. LOADING STANDARD - 32.5T DFCC LOADING
3. RULING GRADIENT FOR THE PROPOSED NEW B.G LINE IS PROPOSED 1 IN 200
4. TRANSITION LENGTH OF CURVES CALCULATED CONSIDERING MAXIMUM PERMISSIBLE SPEED 130KMPH. FOR THIS SECTION.
5. THE DRAWING HAS BEEN PREPARED AS PER DATA COLLECTED FROM SITE.
6. EXISTING GRADIENT AND CH. SHOWN IN THE DRAWING AS PER INDEX PLAN OF DIVISION.
7. PROPOSED TRACK STRUCTURE:-
   - 7.1. RAIL = 60KG.
   - 7.2. SLEEPER = 60KG. PSC WITH 1660 SLEEPER DENSITY.
   - 7.3. BALLAST CUSHION = 350MM
8. PT. & X-ING = 1 IN 12 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT & 1 IN 8 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT FOR SIDING LINE .
9. PASSENGER AMENITIES TO BE PROVIDED AS PER STANDARD NORMS.

EAST CENTRAL RAILWAY
DDU DIVISION

CLIENT:-
DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT:-
PROPOSED RAIL FLYOVER AT Pt. DDU

TITLE:-
DETAILED PLAN & PROFILE

डेडीकेटेड फ्रेट कॉरीडोर

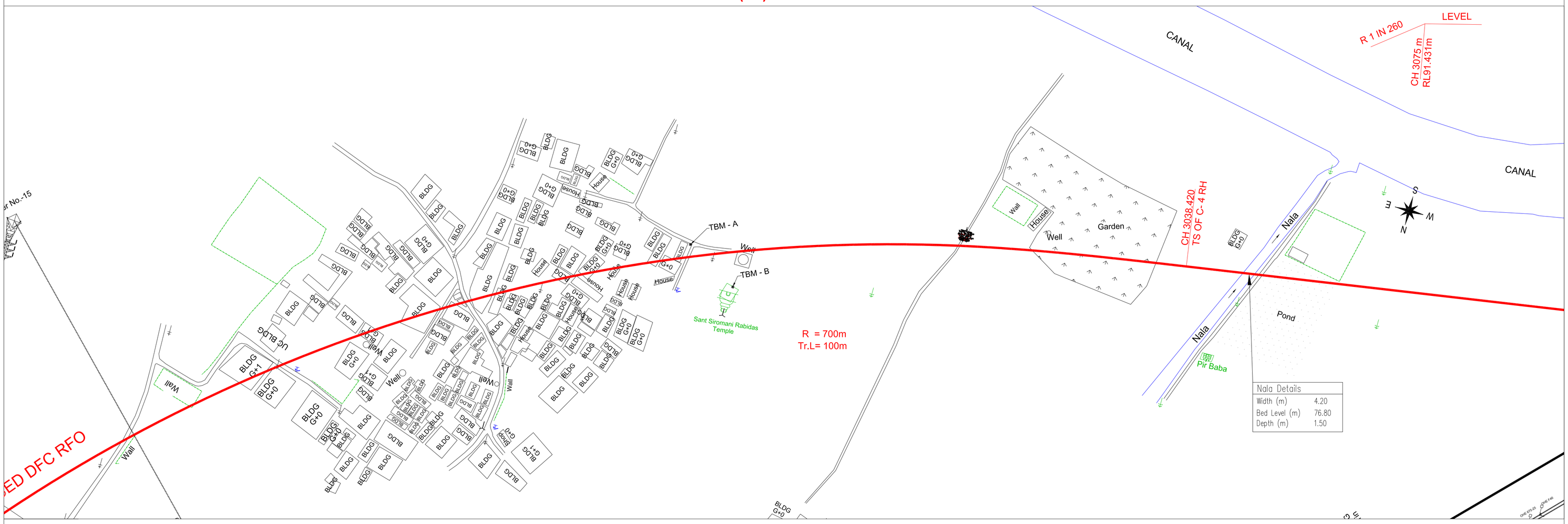
DRG. NO.	RITES/IS/RCED/DFCCIL/RFO/DDU-BSB/P&P.
SH.NO.	4 OF 13
DATE	JANUARY-2021
REV.	R0

RITES THE INFRASTRUCTURE PEOPLE

SCALE:-
HORIZANTAL 1 : 1000
VERTICAL 1 : 100

PLAN & PROFILE OF PROPOSED RAIL ALIGNMENT, NEAR DEEN DAYAL UPADHYAYA RAIL STATION

TOWARDS MGS — CHAINAGE (M) 2560.000 TO 3200.000 — TOWARDS BSB



PLAN DRAWING

CHAINAGE (M)	CUTTING & FILLING DIFF.BET. PRO.FL & EXIST.GL (M)	PROPOSED RAILWAY LEVEL (M)	PROPOSED FORMATION LEVEL (M)	EXISTING GROUND LEVEL (M)
2560.000	11.761	90.188	89.450	77.689
2580.000	11.929	90.265	89.527	77.598
2600.000	11.915	90.342	89.604	77.689
2620.000	11.871	90.419	89.681	77.810
2640.000	11.227	90.496	89.758	78.531
2660.000	10.511	90.573	89.835	79.324
2680.000	10.400	90.650	89.912	79.512
2700.000	10.725	90.727	89.989	79.264
2720.000	11.138	90.804	90.066	78.928
2740.000	11.054	90.881	90.143	79.089
2760.000	11.106	90.957	90.219	79.113
2780.000	11.522	91.034	90.296	78.774
2800.000	11.560	91.111	90.373	78.813
2820.000	11.846	91.188	90.450	78.604
2840.000	11.883	91.265	90.527	78.644
2860.000	12.077	91.342	90.604	78.527
2880.000	12.198	91.419	90.681	78.483
2900.000	12.264	91.496	90.758	78.494
2920.000	12.382	91.573	90.835	78.453
2940.000	12.007	91.650	90.912	78.905
2960.000	12.417	91.727	90.989	78.572
2980.000	12.216	91.804	91.066	78.850
3000.000	12.253	91.881	91.143	78.890
3020.000	12.241	91.957	91.219	78.978
3040.000	13.440	92.034	91.296	77.856
3060.000	13.554	92.111	91.373	77.819
3075.000			91.431	
3080.000	13.238	92.169	91.431	78.193
3100.000	13.690	92.169	91.431	77.741
3120.000	13.956	92.169	91.431	77.475
3140.000	13.904	92.169	91.431	77.527
3160.000	13.852	92.169	91.431	77.579
3180.000	13.800	92.169	91.431	77.631
3200.000	13.769	92.169	91.431	77.662

LONG SECTION PROFILE

LEGEND :-

- X SECTION ALIGNMENT LINE
- EXISTING GROUND PROFILE LINE
- PROPOSED RAILWAY LEVEL
- PROPOSED FORMATION LEVEL
- RAIL TRACK (Existing)
- ROAD BITUMINOUS
- ROAD CONCRETE
- ROAD EARTHEN
- FENCING
- WAll
- DRAIN - KACHHA
- DRAIN - PUCCA
- HT LINE
- LT LINE
- DGPS POINT
- TEMPORARY BENCH MARK
- RIVER /WATER BODY
- NALA / CANAL
- TEMPLE / MOSQUE / CHURCH
- PILLAR/OFC /FEEDER PILLAR
- WATER VALVE/TAP/TUBE WELL
- ELECTRICAL POLE(EP-11/33kv,EP-LT), TRANSFORMER
- SIGNAL POST/OHE POLE
- EHV TOWER
- G+0 BUILDING
- SLAB / BOX CULVERT

NOTES :-

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE MENTIONED.
2. LOADING STANDARD - 32.5T DFCC LOADING
3. RULING GRADIENT FOR THE PROPOSED NEW B.G LINE IS PROPOSED 1 IN 200
4. TRANSITION LENGTH OF CURVES CALCULATED CONSIDERING MAXIMUM PERMISSIBLE SPEED 130KMPH. FOR THIS SECTION.
5. THE DRAWING HAS BEEN PREPARED AS PER DATA COLLECTED FROM SITE.
6. EXISTING GRADIENT AND CH. SHOWN IN THE DRAWING AS PER INDEX PLAN OF DIVISION.
7. PROPOSED TRACK STRUCTURE:-
   - 7.1. RAIL = 60KG.
   - 7.2. SLEEPER = 60KG. PSC WITH 1660 SLEEPER DENSITY.
   - 7.3. BALLAST CUSHION = 350MM
8. PT. & X-ING = 1 IN 12 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT & 1 IN 8 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT FOR SIDING LINE .
9. PASSENGER AMENITIES TO BE PROVIDED AS PER STANDARD NORMS.

EAST CENTRAL RAILWAY
DDU DIVISION

CLIENT:-
DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT:-
PROPOSED RAIL FLYOVER AT Pt. DDU

TITLE:-
DETAILED PLAN & PROFILE

डेडीकेटेड फ्रेट कॉरीडोर

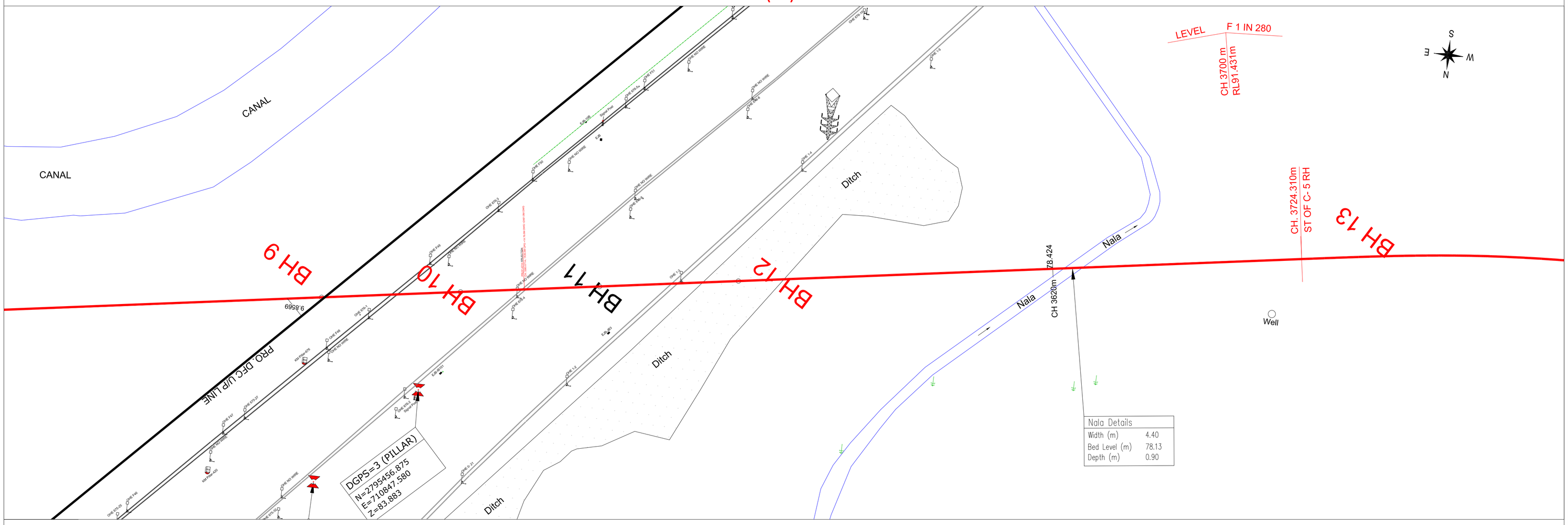
DRG. NO.	RITES/IS/RCED/DFCCIL/RFO/DDU-BSB/P&P.
SH.NO.	5 OF 13
DATE	JANUARY-2021
REV.	R0

RITES THE INFRASTRUCTURE PEOPLE

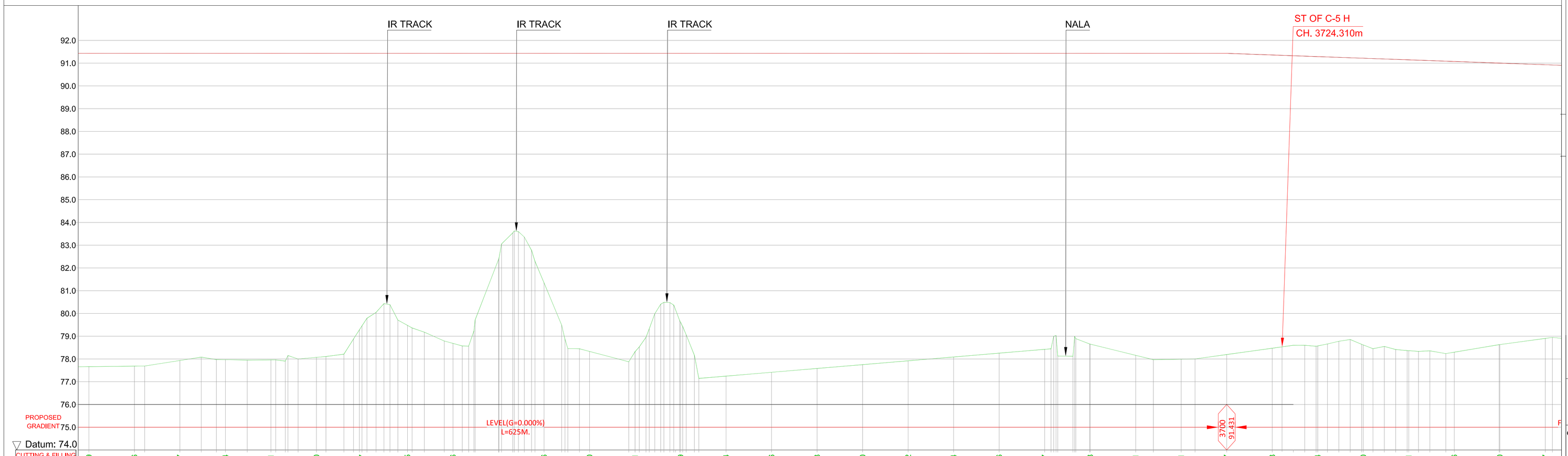
SCALE:-
HORIZANTAL 1 : 1000
VERTICAL 1 : 100

PLAN & PROFILE OF PROPOSED RAIL ALIGNMENT, NEAR DEEN DAYAL UPADHYAYA RAIL STATION

TOWARDS MGS — CHAINAGE (M) 3200.000 TO 3840.000 — TOWARDS BSB



PLAN DRAWING



CHAINAGE (M)	CUTTING & FILLING DIFF.BET. PRO.FL & EXIST.GL (M)	PROPOSED RAILWAY LEVEL (M)	PROPOSED FORMATION LEVEL (M)	EXISTING GROUND LEVEL (M)
3200.000	13.769	92.169	91.431	77.662
3220.000	13.746	92.169	91.431	77.685
3240.000	13.497	92.169	91.431	77.934
3260.000	13.464	92.169	91.431	77.967
3280.000	13.471	92.169	91.431	77.960
3300.000	13.360	92.169	91.431	78.071
3320.000	11.977	92.169	91.431	79.454
3340.000	11.955	92.169	91.431	79.476
3360.000	12.746	92.169	91.431	78.685
3380.000	9.060	92.169	91.431	82.371
3400.000	10.086	92.169	91.431	81.345
3420.000	13.100	92.169	91.431	78.331
3440.000	13.111	92.169	91.431	78.320
3460.000	11.819	92.169	91.431	79.612
3480.000	14.184	92.169	91.431	77.247
3500.000	14.016	92.169	91.431	77.415
3520.000	13.848	92.169	91.431	77.583
3540.000	13.680	92.169	91.431	77.751
3560.000	13.512	92.169	91.431	77.919
3580.000	13.344	92.169	91.431	78.087
3600.000	13.176	92.169	91.431	78.255
3620.000	13.007	92.169	91.431	78.424
3640.000	12.778	92.169	91.431	78.653
3660.000	13.271	92.169	91.431	78.160
3680.000	13.441	92.169	91.431	77.990
3700.000	13.237	92.169	91.431	78.194
3720.000	12.888	92.096	91.360	78.472
3740.000	12.714	92.026	91.288	78.574
3760.000	12.600	91.955	91.217	78.617
3780.000	12.781	91.883	91.145	78.364
3800.000	12.776	91.812	91.074	78.298
3820.000	12.370	91.740	91.002	78.632
3840.000	12.027	91.669	90.931	78.904

LONG SECTION PROFILE

LEGEND :-

	X SECTION ALIGNMENT LINE
	EXISTING GROUND PROFILE LINE
	PROPOSED RAILWAY LEVEL
	PROPOSED FORMATION LEVEL
	RAIL TRACK (Existing)
	ROAD BITUMINOUS
	ROAD CONCRETE
	ROAD EARTHEN
	FENCING
	WAll
	DRAIN - KACHHA
	DRAIN - PUCCA
	HT LINE
	LT LINE
	DGPS POINT
	TEMPORARY BENCH MARK
	RIVER /WATER BODY
	NALA / CANAL
	TEMPLE / MOSQUE / CHURCH
	PILLAR/OFC /FEEDER PILLAR
	WATER VALVE/TAP/TUBE WELL
	ELECTRICAL POLE(EP-11/33kv,EP-LT), TRANSFORMER
	SIGNAL POST/OHE POLE
	EHV TOWER
G+0	BUILDING
	SLAB / BOX CULVERT

NOTES :-

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE MENTIONED.
2. LOADING STANDARD - 32.5T DFCC LOADING
3. RULING GRADIENT FOR THE PROPOSED NEW B.G LINE IS PROPOSED 1 IN 200
4. TRANSITION LENGTH OF CURVES CALCULATED CONSIDERING MAXIMUM PERMISSIBLE SPEED 130KMPH. FOR THIS SECTION.
5. THE DRAWING HAS BEEN PREPARED AS PER DATA COLLECTED FROM SITE.
6. EXISTING GRADIENT AND CH. SHOWN IN THE DRAWING AS PER INDEX PLAN OF DIVISION.
7. PROPOSED TRACK STRUCTURE:-
   - 7.1. RAIL = 60KG.
   - 7.2. SLEEPER = 60KG. PSC WITH 1660 SLEEPER DENSITY.
   - 7.3. BALLAST CUSHION = 350MM
8. PT. & X-ING = 1 IN 12 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT & 1 IN 8 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT FOR SIDING LINE .
9. PASSENGER AMENITIES TO BE PROVIDED AS PER STANDARD NORMS.

EAST CENTRAL RAILWAY
DDU DIVISION

CLIENT:-
DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT:-
PROPOSED RAIL FLYOVER AT Pt. DDU

TITLE:-
DETAILED PLAN & PROFILE

डेडीकेटेड फ्रेट कॉरीडोर

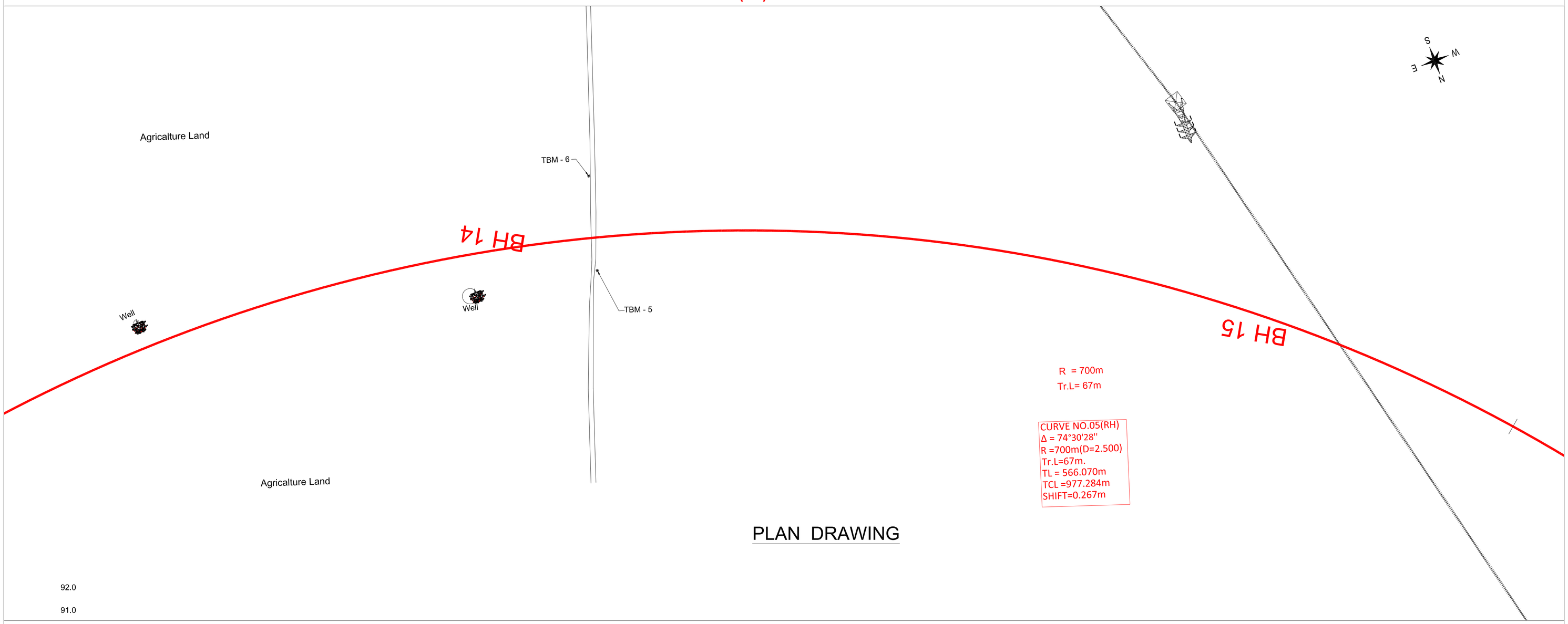
DRG. NO.	RITES/IS/RCED/DFCCIL/RFO/DDU-BSB/P&P.
SH.NO.	6 OF 13
DATE	JANUARY-2021
REV.	R0

RITES THE INFRASTRUCTURE PEOPLE

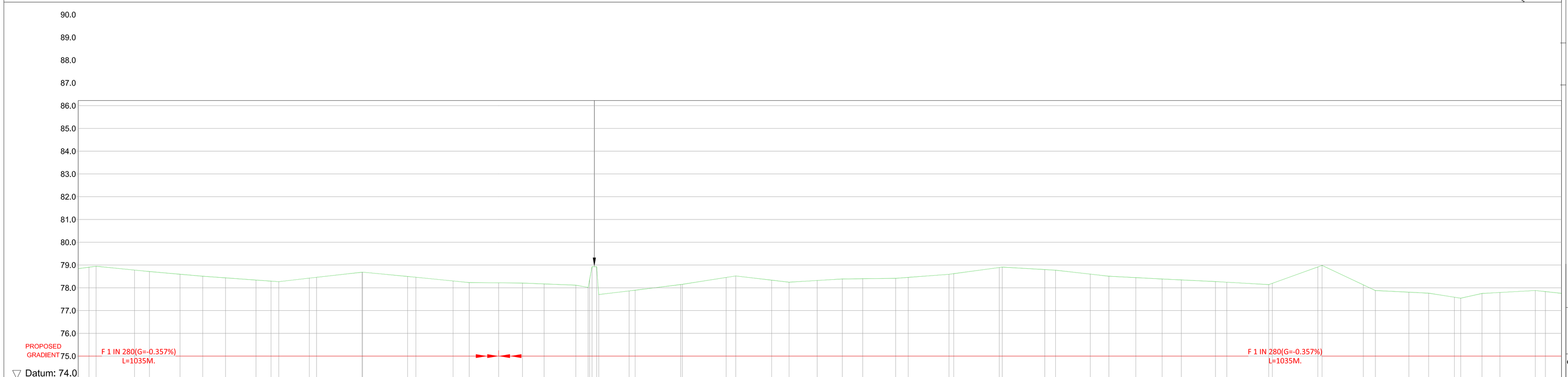
SCALE:-
HORIZANTAL 1 : 1000
VERTICAL 1 : 100

PLAN & PROFILE OF PROPOSED RAIL ALIGNMENT, NEAR DEEN DAYAL UPADHYAYA RAIL STATION

TOWARDS MGS — CHAINAGE (M) 3840.000 TO 4480.000 — TOWARDS BSB



PLAN DRAWING



CHAINAGE (M)	EXISTING GROUND LEVEL (M)	PROPOSED FORMATION LEVEL (M)	PROPOSED RAILWAY LEVEL (M)	CUTTING & FILLING DIFF.BET. PRO.FL & EXIST.GL (M)
3840.000	78.904	90.931	91.669	12.027
3860.000	78.778	90.859	91.597	12.081
3880.000	78.595	90.788	91.526	12.193
3900.000	78.436	90.717	91.455	12.281
3920.000	78.292	90.645	91.383	12.353
3940.000	78.461	90.574	91.312	12.113
3960.000	78.684	90.502	91.240	11.818
3980.000	78.498	90.431	91.169	11.933
4000.000	78.300	90.359	91.097	12.059
4020.000	78.217	90.288	91.026	12.071
4040.000	78.170	90.217	90.955	12.047
4060.000	78.364	90.145	90.883	11.781
4080.000	77.895	90.074	90.812	12.179
4100.000	78.143	90.002	90.740	11.859
4120.000	78.454	89.931	90.669	11.477
4140.000	78.335	89.859	90.597	11.524
4160.000	78.321	89.788	90.526	11.467
4180.000	78.398	89.716	90.454	11.318
4200.000	78.457	89.645	90.383	11.188
4220.000	78.620	89.574	90.312	10.954
4240.000	78.890	89.502	90.240	10.612
4260.000	78.800	89.431	90.169	10.631
4280.000	78.600	89.359	90.097	10.759
4300.000	78.446	89.288	90.026	10.842
4320.000	78.345	89.216	89.954	10.871
4340.000	78.245	89.145	89.883	10.900
4360.000	78.196	89.073	89.811	10.877
4380.000	78.916	89.002	89.740	10.086
4400.000	78.129	88.931	89.669	10.802
4420.000	77.807	88.859	89.597	11.052
4440.000	77.587	88.788	89.526	11.201
4460.000	77.794	88.716	89.454	10.922
4480.000	77.833	88.645	89.383	10.812

LONG SECTION PROFILE

LEGEND :-

	X SECTION ALIGNMENT LINE
	EXISTING GROUND PROFILE LINE
	PROPOSED RAILWAY LEVEL
	PROPOSED FORMATION LEVEL
	RAIL TRACK (Existing)
	ROAD BITUMINOUS
	ROAD CONCRETE
	ROAD EARTHEN
	FENCING
	WAll
	DRAIN - KACHHA
	DRAIN - PUCCA
	HT LINE
	LT LINE
	DGPS POINT
	TEMPORARY BENCH MARK
	RIVER /WATER BODY
	NALA / CANAL
	TEMPLE / MOSQUE / CHURCH
	PILLAR/OFC /FEEDER PILLAR
	WATER VALVE/TAP/TUBE WELL
	ELECTRICAL POLE(EP-11/33kv,EP-LT), TRANSFORMER
	SIGNAL POST/OHE POLE
	EHV TOWER
G+0	BUILDING
	SLAB / BOX CULVERT

NOTES :-

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE MENTIONED.
2. LOADING STANDARD - 32.5T DFCC LOADING
3. RULING GRADIENT FOR THE PROPOSED NEW B.G LINE IS PROPOSED 1 IN 200
4. TRANSITION LENGTH OF CURVES CALCULATED CONSIDERING MAXIMUM PERMISSIBLE SPEED 130KMPH. FOR THIS SECTION.
5. THE DRAWING HAS BEEN PREPARED AS PER DATA COLLECTED FROM SITE.
6. EXISTING GRADIENT AND CH. SHOWN IN THE DRAWING AS PER INDEX PLAN OF DIVISION.
7. PROPOSED TRACK STRUCTURE:-
   - 7.1. RAIL = 60KG.
   - 7.2. SLEEPER = 60KG. PSC WITH 1660 SLEEPER DENSITY.
   - 7.3. BALLAST CUSHION = 350MM
8. PT. & X-ING = 1 IN 12 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT & 1 IN 8 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT FOR SIDING LINE .
9. PASSENGER AMENITIES TO BE PROVIDED AS PER STANDARD NORMS.

EAST CENTRAL RAILWAY
DDU DIVISION

CLIENT:-
DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT:-
PROPOSED RAIL FLYOVER AT Pt. DDU

TITLE:-
DETAILED PLAN & PROFILE

डेडीकेटेड फ्रेट कोरीडोर

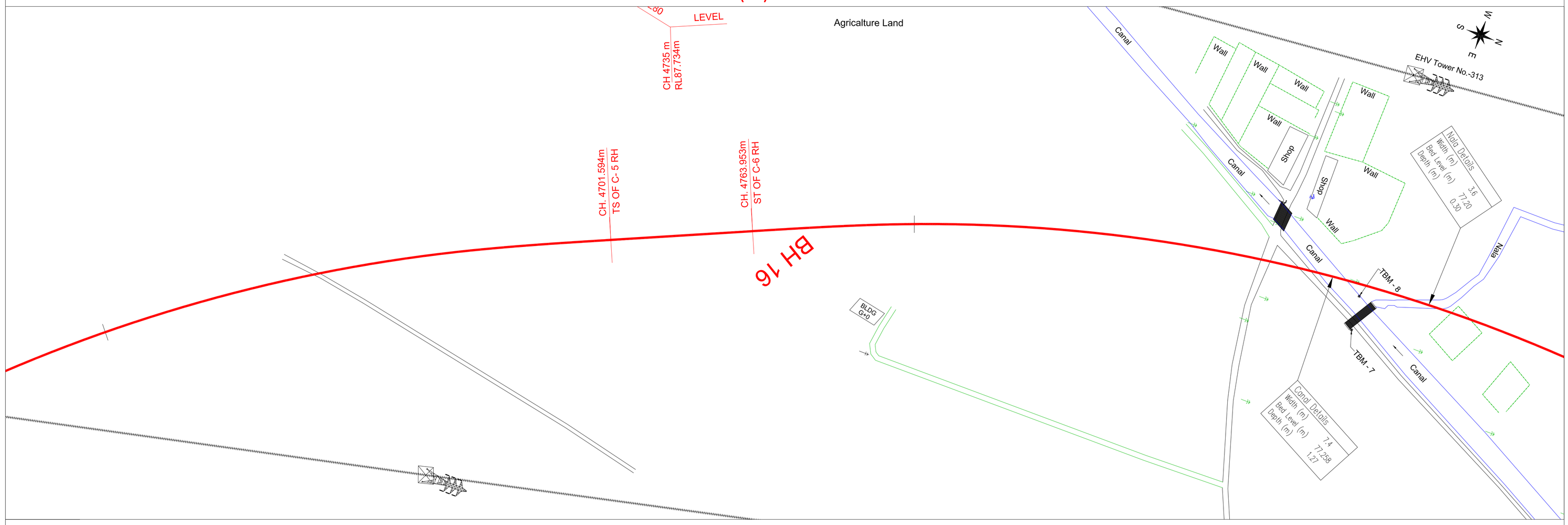
DRG. NO.	RITES/IS/RCED/DFCCIL/RFO/DDU-BSB/P&P.
SH.NO.	7 OF 13
DATE	JANUARY-2021
REV.	R0

RITES — THE INFRASTRUCTURE PEOPLE

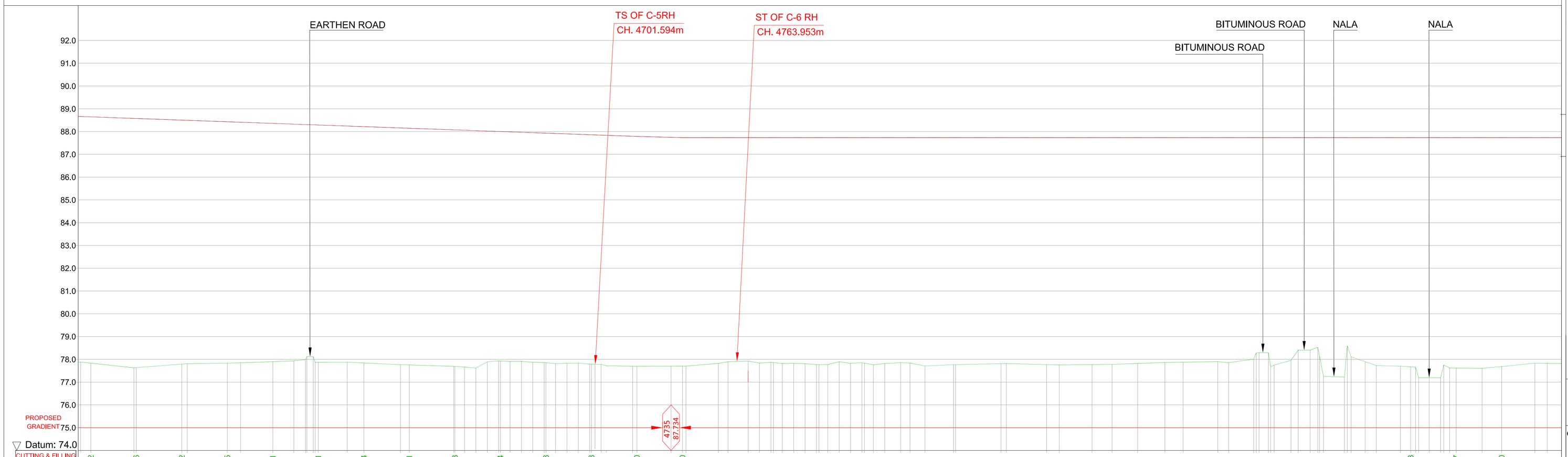
SCALE:-
HORIZANTAL 1 : 1000
VERTICAL 1 : 100

PLAN & PROFILE OF PROPOSED RAIL ALIGNMENT, NEAR DEEN DAYAL UPADHYAYA RAIL STATION

TOWARDS MGS — CHAINAGE (M) 4480.000 TO 5120.000 — TOWARDS BSB



PLAN DRAWING



CHAINAGE (M)	EXISTING GROUND LEVEL (M)	PROPOSED FORMATION LEVEL (M)	PROPOSED RAILWAY LEVEL (M)	CUTTING & FILLING DIFF.BET. PRO.FL & EXIST.GL (M)
4480.000	77.833	88.645	89.383	10.812
4500.000	77.637	88.573	89.311	10.936
4520.000	77.790	88.502	89.240	10.712
4540.000	77.836	88.431	89.169	10.595
4560.000	77.898	88.359	89.097	10.461
4580.000	77.867	88.288	89.026	10.421
4600.000	77.842	88.216	88.954	10.374
4620.000	77.754	88.145	88.883	10.391
4640.000	77.690	88.073	88.811	10.383
4660.000	77.928	88.002	88.740	10.074
4680.000	77.852	87.930	88.668	10.078
4700.000	77.791	87.859	88.597	10.068
4720.000	77.698	87.788	88.526	10.090
4735.000	77.704	87.734	88.472	10.030
4740.000	77.895	87.734	88.472	9.839
4760.000	77.858	87.734	88.472	9.876
4780.000	77.770	87.734	88.472	9.964
4800.000	77.833	87.734	88.472	9.901
4820.000	77.837	87.734	88.472	9.897
4840.000	77.766	87.734	88.472	9.968
4860.000	77.811	87.734	88.472	9.923
4880.000	77.768	87.734	88.472	9.966
4900.000	77.769	87.734	88.472	9.965
4920.000	77.820	87.734	88.472	9.914
4940.000	77.875	87.734	88.472	9.859
4960.000	77.855	87.734	88.472	9.879
4980.000	77.749	87.734	88.472	9.985
5000.000	78.119	87.734	88.472	9.615
5020.000	77.897	87.734	88.472	9.837
5040.000	77.671	87.734	88.472	10.063
5060.000	77.617	87.734	88.472	10.117
5080.000	77.684	87.734	88.472	10.050
5100.000	77.824	87.734	88.472	9.910
5120.000				

LONG SECTION PROFILE

LEGEND :-

- X SECTION ALIGNMENT LINE
- EXISTING GROUND PROFILE LINE
- PROPOSED RAILWAY LEVEL
- PROPOSED FORMATION LEVEL
- RAIL TRACK (Existing)
- ROAD BITUMINOUS
- ROAD CONCRETE
- ROAD EARTHEN
- FENCING
- WAll
- DRAIN - KACHHA
- DRAIN - PUCCA
- HT LINE
- LT LINE
- DGPS POINT
- TEMPORARY BENCH MARK
- RIVER /WATER BODY
- NALA / CANAL
- TEMPLE / MOSQUE / CHURCH
- PILLAR/OFC /FEEDER PILLAR
- WATER VALVE/TAP/TUBE WELL
- ELECTRICAL POLE(EP-11/33kv,EP-LT), TRANSFORMER
- SIGNAL POST/OHE POLE
- EHV TOWER
- BUILDING
- SLAB / BOX CULVERT

NOTES :-

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE MENTIONED.
2. LOADING STANDARD - 32.5T DFCC LOADING
3. RULING GRADIENT FOR THE PROPOSED NEW B.G LINE IS PROPOSED 1 IN 200
4. TRANSITION LENGTH OF CURVES CALCULATED CONSIDERING MAXIMUM PERMISSIBLE SPEED 130KMPH. FOR THIS SECTION.
5. THE DRAWING HAS BEEN PREPARED AS PER DATA COLLECTED FROM SITE.
6. EXISTING GRADIENT AND CH. SHOWN IN THE DRAWING AS PER INDEX PLAN OF DIVISION.
7. PROPOSED TRACK STRUCTURE:-
   - 7.1. RAIL = 60KG.
   - 7.2. SLEEPER = 60KG. PSC WITH 1660 SLEEPER DENSITY.
   - 7.3. BALLAST CUSHION = 350MM
8. PT. & X-ING = 1 IN 12 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT & 1 IN 8 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT FOR SIDING LINE .
9. PASSENGER AMENITIES TO BE PROVIDED AS PER STANDARD NORMS.

EAST CENTRAL RAILWAY
DDU DIVISION

CLIENT:-
DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT:-
PROPOSED RAIL FLYOVER AT Pt. DDU

TITLE:-
DETAILED PLAN & PROFILE

डेडीकेटेड फ्रेट कॉरीडोर

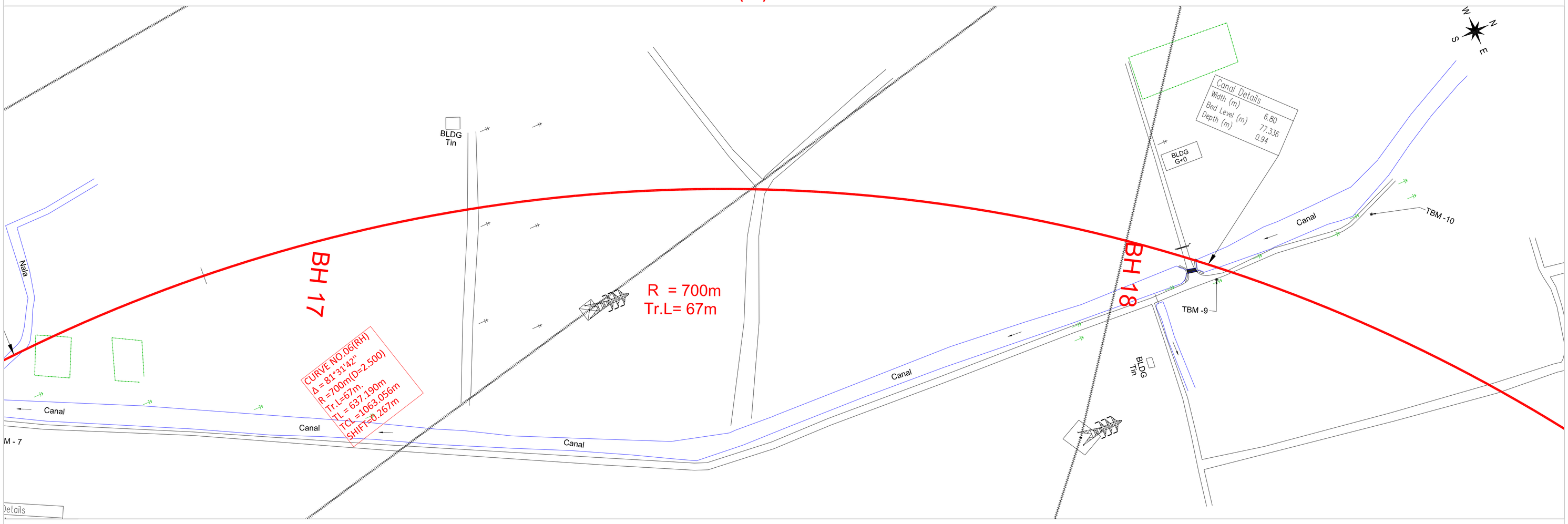
DRG. NO.	RITES/IS/RCED/DFCCIL/RFO/DDU-BSB/P&P.
SH.NO.	8 OF 13
DATE	JANUARY-2021
REV.	R0

RITES THE INFRASTRUCTURE PEOPLE

SCALE:-
HORIZANTAL 1 : 1000
VERTICAL 1 : 100

PLAN & PROFILE OF PROPOSED RAIL ALIGNMENT, NEAR DEEN DAYAL UPADHYAYA RAIL STATION

TOWARDS MGS — CHAINAGE (M) 5120.000 TO 5760.000 — TOWARDS BSB



PLAN DRAWING

CHAINAGE (M)	CUTTING & FILLING DIFF.BET. PRO.FL & EXIST.GL (M)	PROPOSED RAILWAY LEVEL (M)	PROPOSED FORMATION LEVEL (M)	EXISTING GROUND LEVEL (M)
5120.000	9.910	88.472	87.734	77.824
5140.000	9.937	88.472	87.734	77.797
5160.000	9.960	88.472	87.734	77.774
5180.000	9.964	88.472	87.734	77.770
5200.000	10.000	88.472	87.734	77.734
5220.000	10.068	88.472	87.734	77.666
5240.000	10.108	88.472	87.734	77.626
5260.000	10.098	88.472	87.734	77.636
5280.000	9.836	88.472	87.734	77.898
5300.000	10.280	88.472	87.734	77.454
5320.000	10.165	88.472	87.734	77.549
5340.000	10.063	88.472	87.734	77.671
5360.000	10.407	88.472	87.734	77.327
5380.000	10.357	88.472	87.734	77.377
5400.000	10.040	88.472	87.734	77.694
5420.000	10.098	88.472	87.734	77.636
5440.000	10.018	88.472	87.734	77.716
5460.000	9.964	88.472	87.734	77.770
5480.000	9.872	88.472	87.734	77.862
5500.000	9.821	88.472	87.734	77.913
5520.000	9.762	88.472	87.734	77.972
5540.000	9.745	88.472	87.734	77.989
5560.000	9.809	88.472	87.734	77.925
5580.000	9.719	88.472	87.734	78.015
5600.000	9.361	88.472	87.734	78.373
5620.000	9.307	88.472	87.734	78.427
5640.000	10.128	88.472	87.734	77.606
5660.000	10.143	88.472	87.734	77.591
5680.000	10.147	88.472	87.734	77.587
5700.000	10.166	88.472	87.734	77.568
5720.000	10.146	88.472	87.734	77.588
5740.000	10.190	88.472	87.734	77.544
5760.000	10.154	88.472	87.734	77.580

LONG SECTION PROFILE

LEGEND :-

	X SECTION ALIGNMENT LINE
	EXISTING GROUND PROFILE LINE
	PROPOSED RAILWAY LEVEL
	PROPOSED FORMATION LEVEL
	RAIL TRACK (Existing)
	ROAD BITUMINOUS
	ROAD CONCRETE
	ROAD EARTHEN
	FENCING
	WAll
	DRAIN - KACHHA
	DRAIN - PUCCA
	HT LINE
	LT LINE
	DGPS POINT
	TEMPORARY BENCH MARK
	RIVER /WATER BODY
	NALA / CANAL
	TEMPLE / MOSQUE / CHURCH
	PILLAR/OFC /FEEDER PILLAR
	WATER VALVE/TAP/TUBE WELL
	ELECTRICAL POLE(EP-11/33kv,EP-LT), TRANSFORMER
	SIGNAL POST/OHE POLE
	EHV TOWER
G+0	BUILDING
	SLAB / BOX CULVERT

NOTES :-

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE MENTIONED.
2. LOADING STANDARD - 32.5T DFCC LOADING
3. RULING GRADIENT FOR THE PROPOSED NEW B.G LINE IS PROPOSED 1 IN 200
4. TRANSITION LENGTH OF CURVES CALCULATED CONSIDERING MAXIMUM PERMISSIBLE SPEED 130KMPH. FOR THIS SECTION.
5. THE DRAWING HAS BEEN PREPARED AS PER DATA COLLECTED FROM SITE.
6. EXISTING GRADIENT AND CH. SHOWN IN THE DRAWING AS PER INDEX PLAN OF DIVISION.
7. PROPOSED TRACK STRUCTURE:-
   - 7.1. RAIL = 60KG.
   - 7.2. SLEEPER = 60KG. PSC WITH 1660 SLEEPER DENSITY.
   - 7.3. BALLAST CUSHION = 350MM
8. PT. & X-ING = 1 IN 12 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT & 1 IN 8 THICK WEB SWITCH, CMS X-ING WITH PSC LAYOUT FOR SIDING LINE .
9. PASSENGER AMENITIES TO BE PROVIDED AS PER STANDARD NORMS.

EAST CENTRAL RAILWAY

EAST CENTRAL RAILWAY
DDU DIVISION

CLIENT:-
DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT:-
PROPOSED RAIL FLYOVER AT Pt. DDU

TITLE:-
DETAILED PLAN & PROFILE

डेडीकेटेड फ्रेट कॉरीडोर

DRG. NO.	RITES/IS/RCED/DFCCIL/RFO/DDU-BSB/P&P.
SH.NO.	9 OF 13
DATE	JANUARY-2021
REV.	R0

RITES THE INFRASTRUCTURE PEOPLE

SCALE:-
HORIZANTAL 1 : 1000
VERTICAL 1 : 100