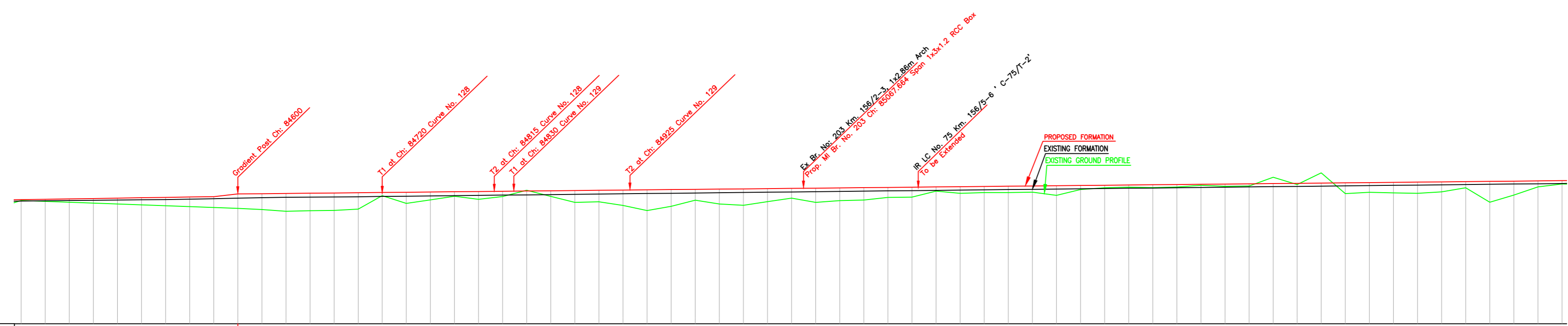


PLAN

NOTE:-
MINIMUM HEIGHT OF EMBANKMENT SHALL
BE PROVIDED AS PER RELEVANT PARA OF
PART 2 OF BID DOCUMENT.



Gradient	n 580		Rise 1 in 1000		Rise 1 in 1000		Rise 1 in 1000	
Vertical Alignment								
HORIZONTAL ALIGNMENT								
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	20.425	20.425	20.425	20.425	20.425	20.425	20.425	20.425
Cut(-)/Fill(m)	0.226	0.334	0.442	0.550	0.657	0.766	0.873	0.981
Proposed F.L (m)	259.825	259.860	259.894	260.029	260.063	260.098	260.132	260.167
EXISTING F.L (m)	259.699	259.668	259.696	259.710	259.730	259.749	259.769	259.789
Ground Level (m)	259.699	259.668	259.696	259.710	259.730	259.749	259.769	259.789
KM	84420	84440	84460	84480	84500	84520	84540	84560

L-SECTION

LEGEND

EXIST. IR TRACK	
PROP. DFCC TRACK	
EXIST. LAND BOUNDARY	
DFC LAND BOUNDARY	
WORKS TO BE DONE BY OTHER CONTRACTOR	
PROPOSED BRIDGE	
PROP. STRUCTURE	
EXIST. STRUCTURE	
RIVER/NALA	
WELL	
TREE/TREE CLUSTER	
COMPOUND WALL	
WORK TO BE DISMANTLED	
HIGH TENSION LINE	
POND	
TELEPHONE POLE	
ELECTRIC LINE	
OHE TOWER	
HAND PUMP	
GPS PILLAR	
RAILWAY SIGNAL	
OHE MAST	
RELIGIOUS STRUCTURE	
PIPE LINE CORRIDOR	
ROAD	

INDICATIVE DRAWING

mf DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD. (A GOVERNMENT OF INDIA ENTERPRISE)

EASTERN CORRIDOR

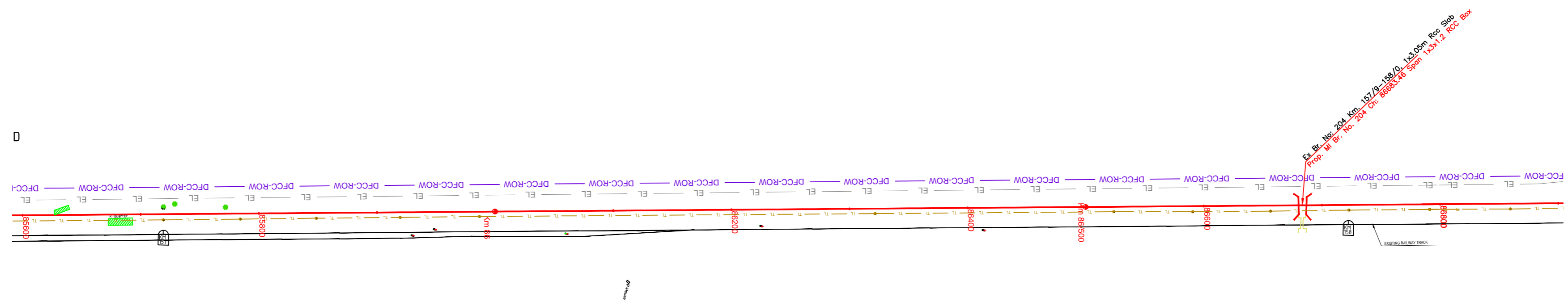
PROJECT: KHURJA TO PILKHANI
From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

CONTRACT PACKAGE - 303

TITLE: PLAN AND PROFILE (Ch: 84520 to Ch: 85700)

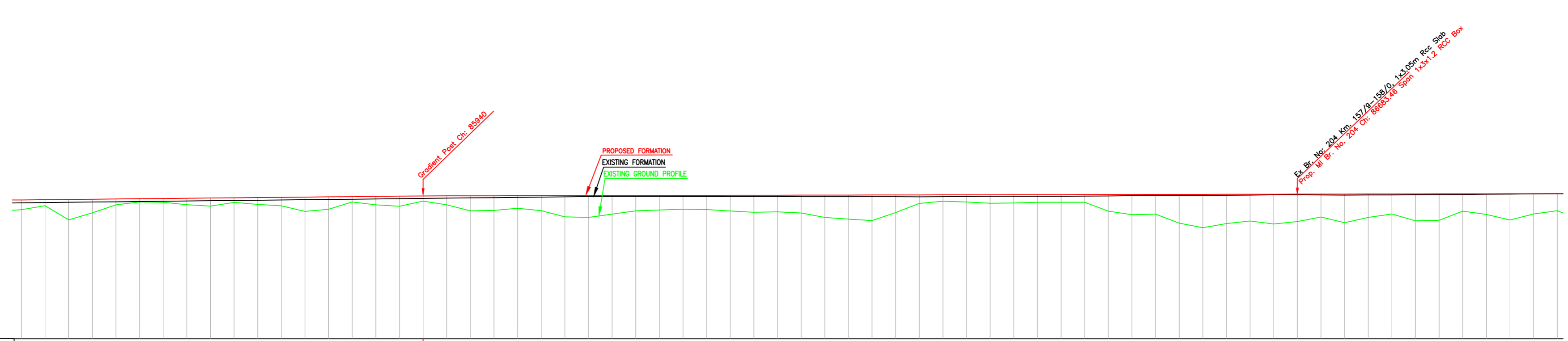
SCALE: _____ DRAWING NO. _____

SURVEY BY: _____ GENERAL CONSULTANT: **AECOM** AECOM Asia Co. Ltd. 8TH FLOOR, ANHUYI TOWER C, 2/F, CHINA CITY 2/F PHASE 4 GUANGAN 122002, CHINA



PLAN

NOTE:-
MINIMUM HEIGHT OF EMBANKMENT SHALL
BE PROVIDED AS PER RELEVANT PARA OF
PART 2 OF BID DOCUMENT.



Gradient	Rise 1 in 1000	Rise 1 in 5000	Rise 1 in 5000	Rise 1 in 5000
Vertical Alignment				
HORIZONTAL ALIGNMENT				
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	25.500	25.500	25.500	25.500
Cut(-)/Fill(m)	0.628	0.509	1.750	0.495
Proposed F.L (m)	261.236	261.226	261.276	261.316
EXISTING F.L (m)	261.014	261.058	261.108	261.102
Ground Level (m)	261.124	261.145	261.167	261.133
KM	85720	85740	85760	85780

L-SECTION

LEGEND

EXIST. IR TRACK	—
PROP. DFCC TRACK	—
EXIST. LAND BOUNDARY	—
DFC LAND BOUNDARY	—
WORKS TO BE DONE BY OTHER CONTRACTOR	—
PROPOSED BRIDGE	⌋
PROP. STRUCTURE	▨
EXIST. STRUCTURE	▩
RIVER/NALA	—
WELL	○
TREE/TREE CLUSTER	⊙
COMPOUND WALL	—
WORK TO BE DISMANTLED	—
HIGH TENSION LINE	⊠
POND	⊞
TELEPHONE POLE	⊕
ELECTRIC LINE	⊕
OHE TOWER	⊕
HAND PUMP	⊕
GPS PILLAR	⊠
RAILWAY SIGNAL	⊕
OHE MAST	⊕
RELIGIOUS STRUCTURE	⊕
PIPE LINE CORRIDOR	—
ROAD	—

INDICATIVE DRAWING

mf DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.
(A GOVERNMENT OF INDIA ENTERPRISE)

EASTERN CORRIDOR

PROJECT
KHURJA TO PILKHANI
From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

CONTRACT PACKAGE - 303

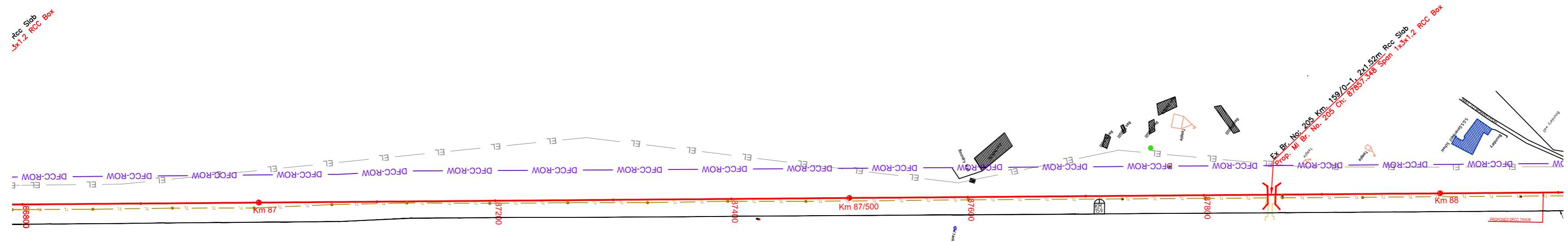
TITLE
PLAN AND PROFILE (Ch: 85700 to Ch: 86900)

SCALE
DRAWING NO.
GENERAL CONSULTANT
AECOM AECOM Asia Co. Ltd.
37th FLOOR, INFINITY TOWER C, BLF CROSS CITY
D/F PHASE 4 GURGAON 122002, INDIA

KHURJA ←

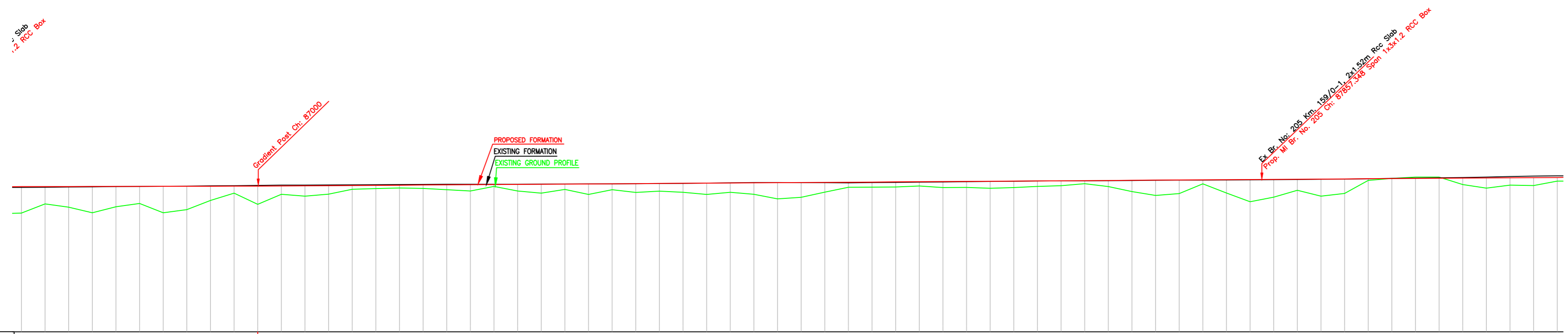
→ PILKHANI

PROJECT SHEET NO. 166



PLAN

NOTE:-
MINIMUM HEIGHT OF EMBANKMENT SHALL BE PROVIDED AS PER RELEVANT PARA OF PART 2 OF BID DOCUMENT.



Gradient	00		Rise 1 in 1500		Rise 1 in 1500	
Vertical Alignment	261.788					
HORIZONTAL ALIGNMENT						
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	86800	259.508	261.686	261.748	2.240	16.716
Cut(-)/Fill(+)(m)	86820	260.283	261.686	261.732	1.469	16.736
Proposed F.L (m)	86840	260.003	261.715	261.756	1.753	16.746
EXISTING F.L (m)	86860	259.532	261.735	261.780	2.228	16.753
Ground Level (m)	86880	260.041	261.750	261.784	1.723	16.730
KM	86900	260.324	261.762	261.788	1.444	16.689
	86920	259.541	261.775	261.772	2.231	16.647
	86940	259.806	261.793	261.776	1.970	16.637
	86960	260.583	261.812	261.780	1.197	16.627
	86980	261.183	261.831	261.784	0.591	16.614
	87000	260.251	261.852	261.788	1.537	16.600
	87020	261.104	261.872	261.801	0.697	16.585
	87040	260.039	261.875	261.815	0.676	16.569
	87060	261.116	261.887	261.828	0.712	16.553
	87080	261.528	261.887	261.841	0.313	16.089
	87100	261.581	261.910	261.855	0.274	15.330
	87120	261.637	261.922	261.868	0.231	14.571
	87140	261.593	261.934	261.881	0.288	14.209
	87160	261.488	261.947	261.895	0.407	14.229
	87180	261.377	261.952	261.908	0.531	14.244
	87200	261.771	261.952	261.921	0.150	14.254
	87220	261.375	261.952	261.935	0.560	14.284
	87240	261.190	261.961	261.948	0.758	14.399
	87260	261.516	261.970	261.961	0.445	14.542
	87280	261.081	261.978	261.975	0.894	14.820
	87300	261.480	261.985	261.988	0.498	14.660
	87320	261.259	261.992	262.001	0.742	14.700
	87340	261.388	262.002	262.015	0.647	14.734
	87360	261.288	262.025	262.028	0.760	14.744
	87380	261.089	262.048	262.041	0.952	14.754
	87400	261.286	262.071	262.065	0.789	14.785
	87420	261.099	262.094	262.088	0.889	14.775
	87440	260.710	262.095	262.081	1.371	14.781
	87460	260.847	262.086	262.085	1.248	14.786
	87480	261.275	262.077	262.108	0.833	14.791
	87500	261.688	262.068	262.121	0.423	14.786
	87520	261.703	262.087	262.135	0.432	14.831
	87540	261.714	262.108	262.148	0.434	14.867
	87560	261.905	262.125	262.161	0.356	14.903
	87580	261.689	262.144	262.175	0.506	14.939
	87600	261.677	262.164	262.188	0.511	14.979
	87620	261.606	262.184	262.201	0.595	15.022
	87640	261.670	262.204	262.215	0.545	15.065
	87660	261.786	262.224	262.228	0.462	15.108
	87680	261.830	262.244	262.241	0.411	15.150
	87700	262.001	262.233	262.255	0.254	15.144
	87720	261.753	262.250	262.268	0.515	15.134
	87740	261.334	262.267	262.281	0.947	15.124
	87760	261.003	262.283	262.295	1.292	15.115
	87780	261.104	262.296	262.308	1.144	15.136
	87800	261.983	262.304	262.321	0.338	15.187
	87820	261.209	262.312	262.335	1.126	15.239
	87840	260.473	262.320	262.348	1.875	15.291
	87860	260.854	262.334	262.351	1.507	15.290
	87880	261.437	262.350	262.375	0.938	15.311
	87900	260.936	262.367	262.388	1.462	15.308
	87920	261.188	262.387	262.401	1.233	15.396
	87940	262.272	262.414	262.415	0.143	15.416
	87960	262.445	262.441	262.428	-0.017	15.436
	87980	262.555	262.446	262.441	-0.114	15.455
	88000	262.553	262.460	262.455	-0.098	15.474
	88020	261.923	262.517	262.468	0.545	15.496
	88040	261.623	262.556	262.461	0.838	15.542
	88060	261.874	262.596	262.495	0.621	15.570
	88080	261.842	262.635	262.508	0.666	15.534
	88100	262.215	262.661	262.521	0.306	15.501

L-SECTION

LEGEND	
EXIST. IR TRACK	—
PROP. DFCC TRACK	—
EXIST. LAND BOUNDARY	— EXIST-IR-ROW —
DFC LAND BOUNDARY	— D.F.C.C.-ROW —
WORKS TO BE DONE BY OTHER CONTRACTOR	—
PROPOSED BRIDGE	⌋
PROP. STRUCTURE	▨
EXIST. STRUCTURE	▩
RIVER/NALA	—
WELL	○
TREE/TREE CLUSTER	⊙
COMPOUND WALL	—
WORK TO BE DISMANTLED	—
HIGH TENSION LINE	⊠
POND	⊞
TELEPHONE POLE	⊕
ELECTRIC LINE	⊕.....⊕
OHE TOWER	⊕
HAND PUMP	⊕
GPS PILLAR	⊠
RAILWAY SIGNAL	⊕
OHE MAST	⊕
RELIGIOUS STRUCTURE	⊕
PIPE LINE CORRIDOR	— PIPE LINE —
ROAD	—

INDICATIVE DRAWING

mf DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD. (A GOVERNMENT OF INDIA ENTERPRISE)

EASTERN CORRIDOR

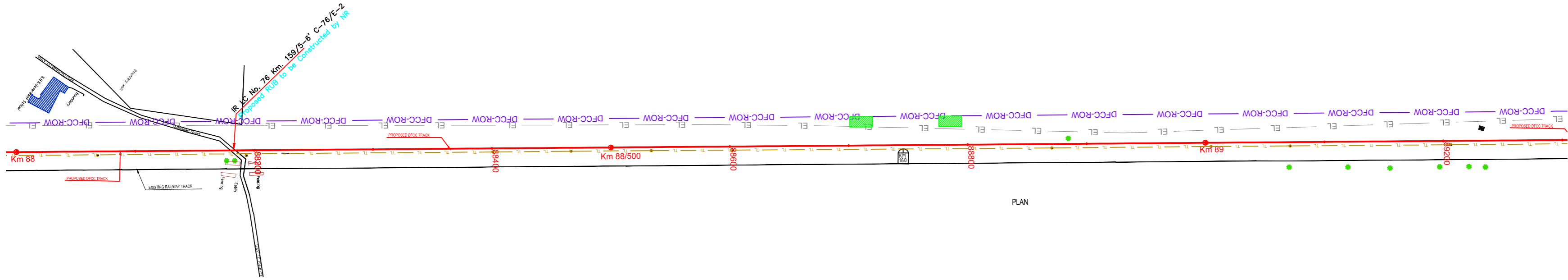
PROJECT: KHURJA TO PILKHANI
From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

CONTRACT PACKAGE - 303

TITLE: PLAN AND PROFILE (Ch: 86900 to Ch: 88100)

SCALE: _____ DRAWING NO. _____

SURVEY BY: _____ GENERAL CONSULTANT: **AECOM** AECOM Asia Co. Ltd. 8TH FLOOR, INFINITY TOWER C BULF CROSS CITY 2/F PHASE 8 GURGAON 122002, INDIA

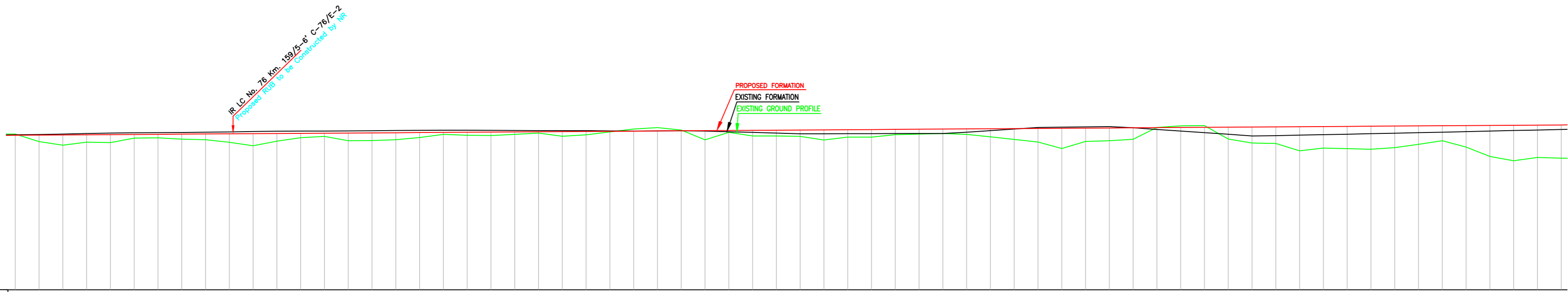


PLAN

NOTE:-
MINIMUM HEIGHT OF EMBANKMENT SHALL
BE PROVIDED AS PER RELEVANT PARA OF
PART 2 OF BID DOCUMENT.

LEGEND

EXIST. IR TRACK	
PROP. DFCC TRACK	
EXIST. LAND BOUNDARY	
DFC LAND BOUNDARY	
WORKS TO BE DONE BY OTHER CONTRACTOR	
PROPOSED BRIDGE	
PROP. STRUCTURE	
EXIST. STRUCTURE	
RIVER/NALA	
WELL	
TREE/TREE CLUSTER	
COMPOUND WALL	
WORK TO BE DISMANTLED	
HIGH TENSION LINE	
POND	
TELEPHONE POLE	
ELECTRIC LINE	
OHE TOWER	
HAND PUMP	
GPS PILLAR	
RAILWAY SIGNAL	
OHE MAST	
RELIGIOUS STRUCTURE	
PIPE LINE CORRIDOR	
ROAD	



Gradient	Rise 1 in 1500		
	Proposed F.L. (m)	EXISTING F.L. (m)	Ground Level (m)
	88000 262.553 262.498	262.405	-0.098 15.474
	88020 261.923 262.517	262.468	0.545 15.496
	88040 261.623 262.556	262.481	0.858 15.542
	88060 261.874 262.596	262.495	0.621 15.570
	88080 261.842 262.635	262.508	0.666 15.534
	88100 262.215 262.661	262.521	0.308 15.501
	88120 262.233 262.676	262.535	0.302 15.471
	88140 262.124 262.692	262.548	0.424 15.441
	88160 262.076 262.709	262.561	0.485 15.470
	88180 261.885 262.731	262.575	0.710 15.502
	88200 261.572 262.773	262.588	1.018 15.486
	88220 261.980 262.795	262.601	0.644 15.510
	88240 262.250 262.803	262.615	0.365 15.582
	88260 262.383 262.811	262.628	0.205 15.613
	88280 261.995 262.822	262.641	0.646 15.640
	88300 262.010 262.837	262.655	0.645 15.648
	88320 262.083 262.852	262.668	0.595 15.656
	88340 262.285 262.867	262.681	0.419 15.664
	88360 262.534 262.882	262.695	0.161 15.672
	88380 262.461 262.880	262.708	0.247 15.653
	88400 262.436 262.867	262.721	0.285 15.614
	88420 262.530 262.854	262.735	0.205 15.576
	88440 262.643 262.840	262.748	0.105 15.538
	88460 262.367 262.847	262.761	0.394 15.598
	88480 262.467 262.844	262.775	0.288 15.639
	88500 262.735 262.822	262.788	0.053 15.651
	88520 262.980 262.812	262.801	-0.179 15.662
	88540 263.098 262.822	262.815	-0.283 15.669
	88560 262.890 262.832	262.828	-0.062 15.677
	88580 262.067 262.810	262.841	0.774 15.665
	88600 262.897 262.753	262.855	0.158 15.632
	88620 262.395 262.694	262.868	0.473 15.599
	88640 262.401 262.638	262.881	0.480 15.565
	88660 262.385 262.581	262.895	0.530 15.532
	88680 262.056 262.581	262.908	0.852 15.549
	88700 262.283 262.586	262.921	0.628 15.571
	88720 262.302 262.591	262.935	0.633 15.592
	88740 262.508 262.586	262.948	0.440 15.614
	88760 262.550 262.601	262.961	0.411 15.636
	88780 262.804 262.607	262.975	0.371 15.657
	88800 262.534 262.708	262.988	0.454 15.651
	88820 262.322 262.843	263.001	0.679 15.634
	88840 262.109 262.978	263.015	0.906 15.618
	88860 261.883 263.107	263.028	1.145 15.603
	88880 261.340 263.133	263.041	1.701 15.631
	88900 261.931 263.158	263.055	1.124 15.658
	88920 261.990 263.183	263.068	1.078 15.686
	88940 262.113 263.084	263.081	0.968 15.675
	88960 263.115 262.947	263.095	-0.020 15.654
	88980 263.246 262.810	263.108	-0.140 15.632
	89000 263.288 262.673	263.121	-0.147 15.610
	89020 262.144 262.536	263.135	0.991 15.589
	89040 261.807 262.399	263.148	1.341 15.567
	89060 261.771 262.424	263.161	1.300 15.740
	89080 261.146 262.469	263.175	2.029 15.811
	89100 261.373 262.508	263.188	1.815 15.810
	89120 261.324 262.547	263.201	1.877 15.809
	89140 261.275 262.586	263.215	1.940 15.808
	89160 261.409 262.627	263.228	1.819 15.806
	89180 261.687 262.672	263.241	1.554 15.800
	89200 261.999 262.717	263.255	1.256 15.795
	89220 261.461 262.762	263.268	1.807 15.789
	89240 260.670 262.807	263.281	2.611 15.779
	89260 260.317 262.851	263.295	2.978 15.769
	89280 260.594 262.895	263.308	2.714 15.758
	89300 260.530 262.939	263.321	2.791 15.747

L-SECTION

INDICATIVE DRAWING

mf DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.
(A GOVERNMENT OF INDIA ENTERPRISE)

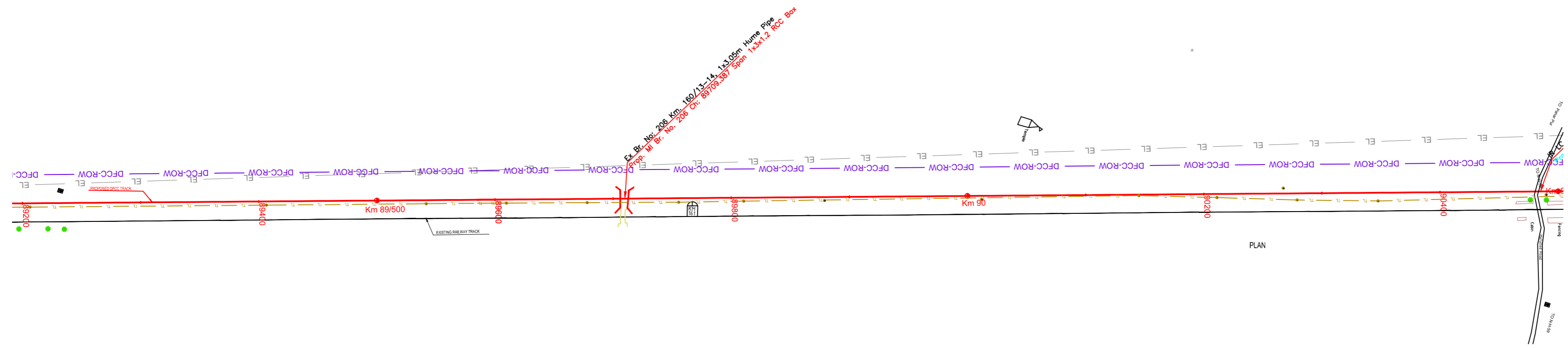
EASTERN CORRIDOR

PROJECT
KHURJA TO PILKHANI
From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

CONTRACT PACKAGE - 303

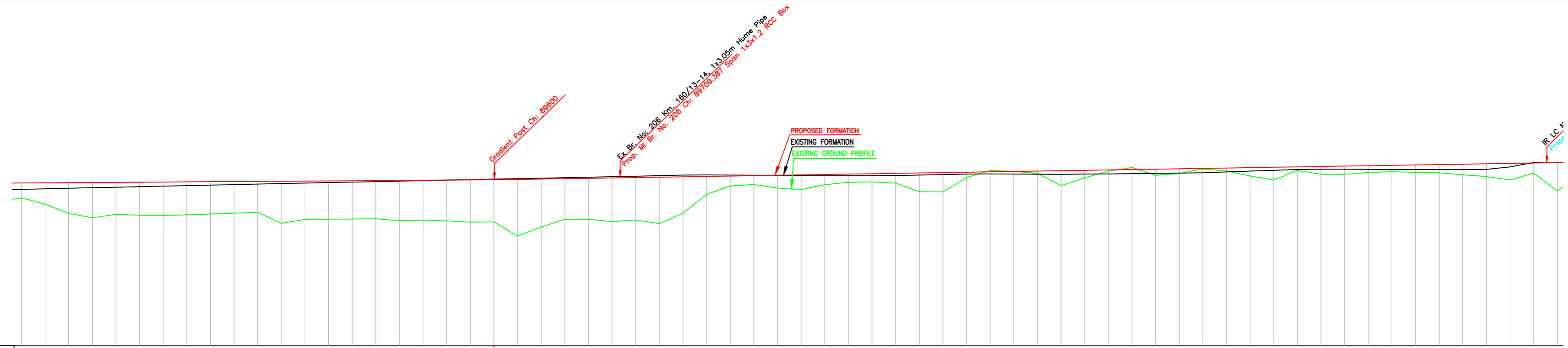
TITLE
PLAN AND PROFILE (Ch: 88100 to Ch: 89300)

SCALE
DRAWING NO.
SURVEY BY
GENERAL CONSULTANT
AECOM AECOM Asia Co. Ltd.
8th FLOOR, ANHANGI TOWER C, 8th CROSS CITY
2nd PHASE 4 GURGAON 122002, INDIA



PLAN

NOTE:-
MINIMUM HEIGHT OF EMBANKMENT SHALL
BE PROVIDED AS PER RELEVANT PARA OF
PART 2 OF BID DOCUMENT.



Gradient	Rise 1 in 1500	Rise 1 in 620
Vertical Alignment		
HORIZONTAL ALIGNMENT		
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC		
Cut(-)/Fill(+)(m)	1.296	15.795
Proposed F.L (m)	263.265	263.265
EXISTING F.L (m)	263.265	263.265
Ground Level (m)	263.265	263.265
KM	89200	90500

L-SECTION

LEGEND

EXIST. IR TRACK	—
PROP. DFCC TRACK	—
EXIST. LAND BOUNDARY	—
DFC LAND BOUNDARY	—
WORKS TO BE DONE BY OTHER CONTRACTOR	—
PROPOSED BRIDGE	—
PROP. STRUCTURE	—
EXIST. STRUCTURE	—
RIVER/NALA	—
WELL	—
TREE/TREE CLUSTER	—
COMPOUND WALL	—
WORK TO BE DISMANTLED	—
HIGH TENSION LINE	—
POND	—
TELEPHONE POLE	—
ELECTRIC LINE	—
OHE TOWER	—
HAND PUMP	—
GPS PILLAR	—
RAILWAY SIGNAL	—
OHE MAST	—
RELIGIOUS STRUCTURE	—
PIPE LINE CORRIDOR	—
ROAD	—

INDICATIVE DRAWING

dfcc DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.
(A GOVERNMENT OF INDIA ENTERPRISE)

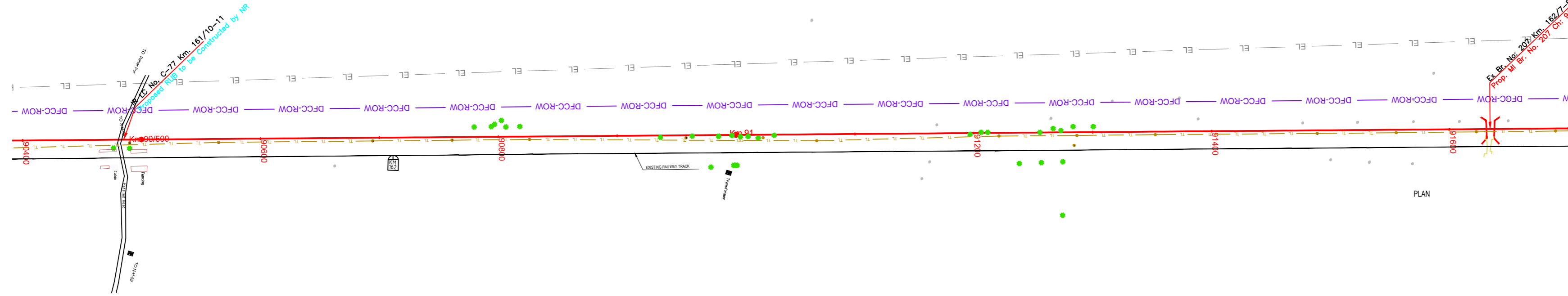
EASTERN CORRIDOR

PROJECT
KHURJA TO PILKHANI
From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

CONTRACT PACKAGE - 303

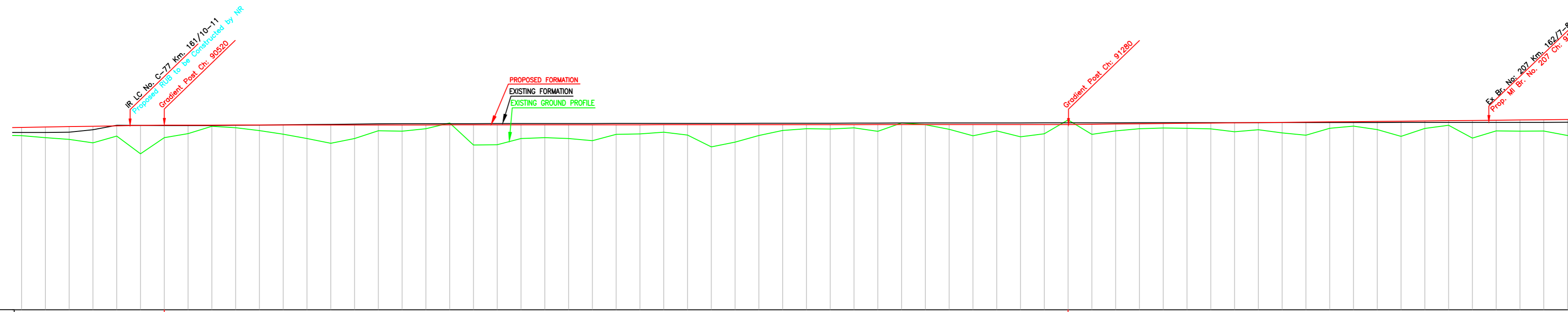
TITLE
PLAN AND PROFILE (Ch: 89300 to Ch: 90500)

SCALE
DRAWING NO.
SURVEY BY
GENERAL CONSULTANT
AECOM AECOM Asia Co. Ltd.
8th Floor, Infinity Tower C, DLF Cyber City
DLF Phase 3 Gurgaon 122002, INDIA



NOTE:-
MINIMUM HEIGHT OF EMBANKMENT SHALL
BE PROVIDED AS PER RELEVANT PARA OF
PART 2 OF BID DOCUMENT.

PLAN



LEGEND

EXIST. IR TRACK	
PROP. DFCC TRACK	
EXIST. LAND BOUNDARY	
DFC LAND BOUNDARY	
WORKS TO BE DONE BY OTHER CONTRACTOR	
PROPOSED BRIDGE	
PROP. STRUCTURE	
EXIST. STRUCTURE	
RIVER/NALA	
WELL	
TREE/TREE CLUSTER	
COMPOUND WALL	
WORK TO BE DISMANTLED	
HIGH TENSION LINE	
POND	
TELEPHONE POLE	
ELECTRIC LINE	
OHE TOWER	
HAND PUMP	
GPS PILLAR	
RAILWAY SIGNAL	
OHE MAST	
RELIGIOUS STRUCTURE	
PIPE LINE CORRIDOR	
ROAD	

Gradient	Rise 1 in 15200		Rise 1 in 1000	
Vertical Alignment				
HORIZONTAL ALIGNMENT				
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	0.700	15.504		
Cut(-)/Fill(m)	264.811	264.382	264.811	264.800
Proposed F.L (m)	264.811	264.382	264.811	264.800
EXISTING F.L. (m)	264.811	264.382	264.811	264.800
Ground Level (m)	264.811	264.382	264.811	264.800
KM	90400	90400	90400	90400

L-SECTION

INDICATIVE DRAWING

dfcc DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD. (A GOVERNMENT OF INDIA ENTERPRISE)

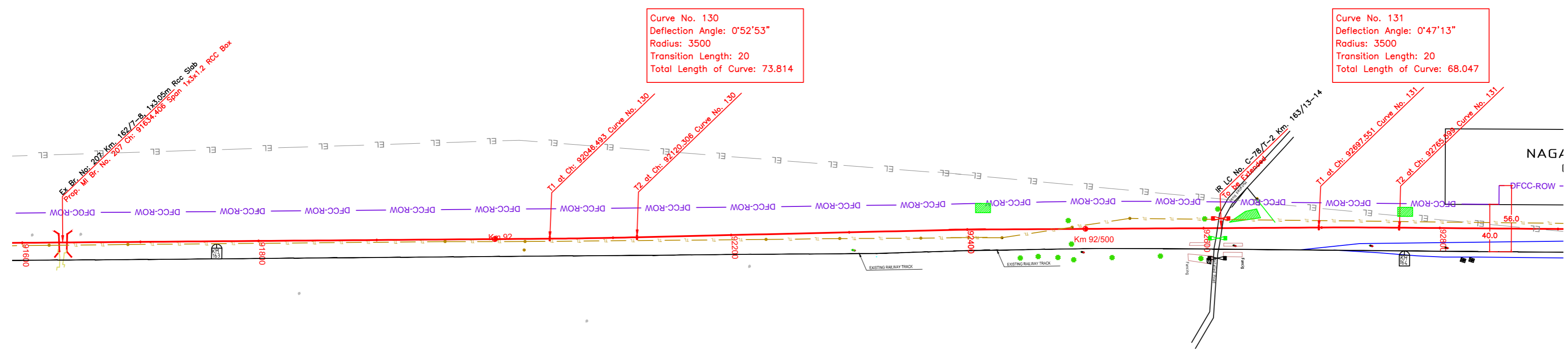
EASTERN CORRIDOR

PROJECT
KHURJA TO PILKHANI
From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

CONTRACT PACKAGE - 303

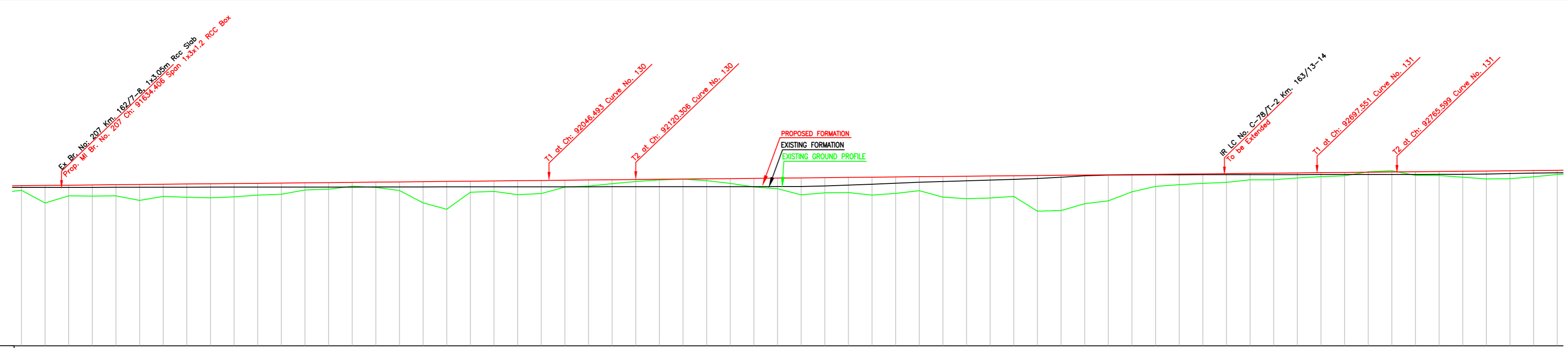
TITLE
PLAN AND PROFILE (Ch: 90500 to Ch: 91700)

SCALE
DRAWING NO.
SURVEY BY
GENERAL CONSULTANT
AECOM AECOM Asia Co. Ltd. 8TH FLOOR, INFINITY TOWER C BUL CROSS CITY 2/F PHASE 8 GUANGAN 122002, CHINA



PLAN

NOTE:-
MINIMUM HEIGHT OF EMBANKMENT SHALL
BE PROVIDED AS PER RELEVANT PARA OF
PART 2 OF BID DOCUMENT.



Gradient	Rise 1 in 1000	
	Proposed F.L (m)	Existing F.L (m)
91600	264.992	265.229
91620	263.910	265.230
91640	264.515	265.232
91660	264.483	265.235
91680	264.510	265.237
91700	264.131	265.240
91720	264.488	265.243
91740	264.398	265.246
91760	264.339	265.248
91780	264.431	265.250
91800	264.576	265.251
91820	264.654	265.252
91840	265.009	265.255
91860	265.075	265.258
91880	265.326	265.260
91900	265.229	265.262
91920	264.984	265.264
91940	265.917	265.271
91960	263.370	265.277
91980	264.818	265.278
92000	264.892	265.276
92020	264.608	265.278
92040	264.710	265.280
92060	265.252	265.282
92080	265.337	265.284
92100	265.547	265.286
92120	265.724	265.287
92140	265.880	265.288
92160	265.931	265.292
92180	265.803	265.294
92200	265.585	265.294
92220	265.281	265.295
92240	265.116	265.297
92260	264.600	265.298
92280	264.789	265.300
92300	264.794	265.422
92320	264.576	265.484
92340	264.725	265.577
92360	264.946	265.663
92380	264.411	265.729
92400	264.278	265.798
92420	264.328	265.846
92440	264.488	265.911
92460	263.217	265.978
92480	263.272	266.068
92500	263.947	266.210
92520	264.087	266.277
92540	264.850	266.286
92560	265.317	266.295
92580	265.469	266.300
92600	265.571	266.304
92620	265.649	266.306
92640	265.888	266.309
92660	265.888	266.311
92680	266.030	266.313
92700	266.136	266.316
92720	266.213	266.318
92740	266.547	266.320
92760	266.632	266.323
92780	266.247	266.325
92800	266.238	266.327
92820	266.089	266.330
92840	265.946	266.331
92860	265.974	266.406
92880	266.130	266.440
92900	266.320	266.464

L-SECTION

LEGEND

EXIST. IR TRACK	—
PROP. DFCC TRACK	—
EXIST. LAND BOUNDARY	—
DFC LAND BOUNDARY	—
WORKS TO BE DONE BY OTHER CONTRACTOR	—
PROPOSED BRIDGE	—
PROP. STRUCTURE	—
EXIST. STRUCTURE	—
RIVER/NALA	—
WELL	—
TREE/TREE CLUSTER	—
COMPOUND WALL	—
WORK TO BE DISMANTLED	—
HIGH TENSION LINE	—
POND	—
TELEPHONE POLE	—
ELECTRIC LINE	—
OHE TOWER	—
HAND PUMP	—
GPS PILLAR	—
RAILWAY SIGNAL	—
OHE MAST	—
RELIGIOUS STRUCTURE	—
PIPE LINE CORRIDOR	—
ROAD	—

INDICATIVE DRAWING

dfcc DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD. (A GOVERNMENT OF INDIA ENTERPRISE)

EASTERN CORRIDOR

PROJECT: KHURJA TO PILKHANI
From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

CONTRACT PACKAGE - 303

TITLE: PLAN AND PROFILE (Ch: 91700 to Ch: 92900)

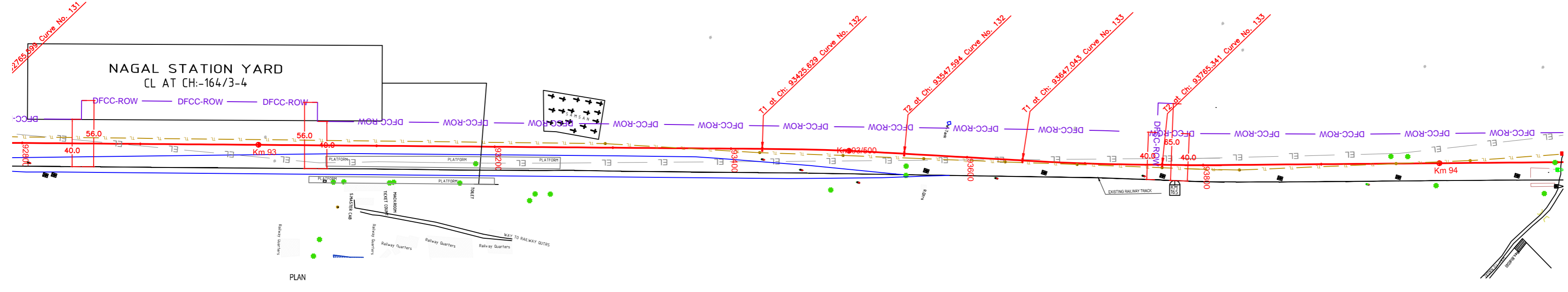
SCALE: _____ DRAWING NO. _____

SURVEY BY: _____ GENERAL CONSULTANT: **AECOM** AECOM Asia Co. Ltd. 8TH FLOOR, INFINITY TOWER C BUL CROSS CITY 2/2 PHASE 3 GURGAON 122002, INDIA

7'13"
0
ve: 68.047

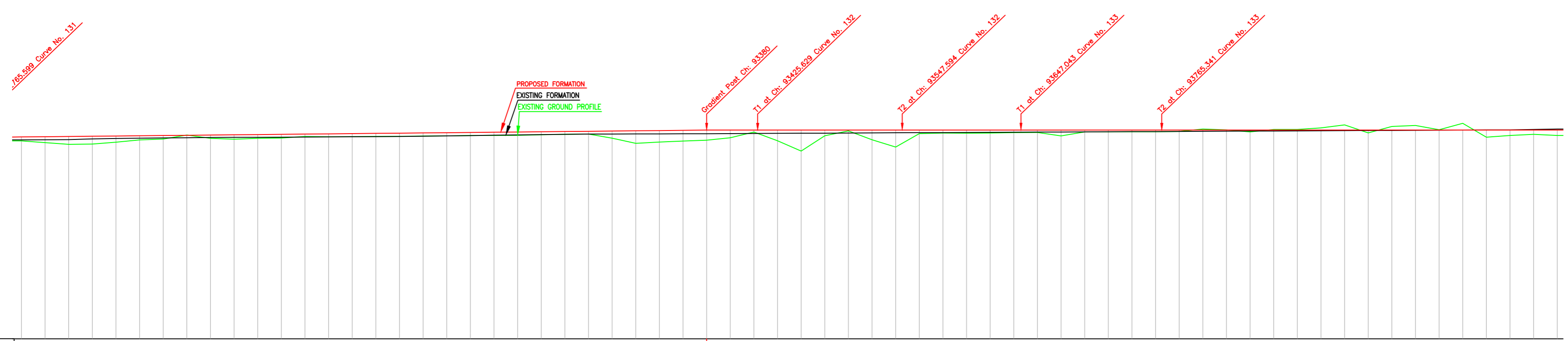
Curve No. 132
Deflection Angle: 0°47'13"
Radius: 1750
Transition Length: 100
Total Length of Curve: 121.964

Curve No. 133
Deflection Angle: 2°43'43"
Radius: 1750
Transition Length: 35
Total Length of Curve: 118.298



NOTE:-
MINIMUM HEIGHT OF EMBANKMENT SHALL
BE PROVIDED AS PER RELEVANT PARA OF
PART 2 OF BID DOCUMENT.

PLAN



LEGEND

EXIST. IR TRACK	—
PROP. DFCC TRACK	—
EXIST. LAND BOUNDARY	— EXIST-IR-ROW —
DFC LAND BOUNDARY	— DFCC-ROW —
WORKS TO BE DONE BY OTHER CONTRACTOR	—
PROPOSED BRIDGE	⌈
PROP. STRUCTURE	▨
EXIST. STRUCTURE	▩
RIVER/NALA	—
WELL	○
TREE/TREE CLUSTER	⊕
COMPOUND WALL	—
WORK TO BE DISMANTLED	—
HIGH TENSION LINE	⊠
POND	—
TELEPHONE POLE	⊕
ELECTRIC LINE	⊕
OHE TOWER	⊕
HAND PUMP	⊕
GPS PILLAR	⊠
RAILWAY SIGNAL	⊕
OHE MAST	⊕
RELIGIOUS STRUCTURE	⊕
PIPE LINE CORRIDOR	— PIPE LINE —
ROAD	—

Gradient	Rise 1 in 1000	Level	Level
	267.135		
Vertical Alignment			
HORIZONTAL ALIGNMENT			
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	24.600	24.600	24.600
Cut(-)/Fill(+)(m)	0.337	0.506	0.669
Proposed F.L (m)	266.575	266.585	266.615
EXISTING F.L (m)	266.238	266.089	266.351
Ground Level (m)	266.238	266.089	266.351
KM	92800	92820	92840

L-SECTION

INDICATIVE DRAWING

mf DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD. (A GOVERNMENT OF INDIA ENTERPRISE)

EASTERN CORRIDOR

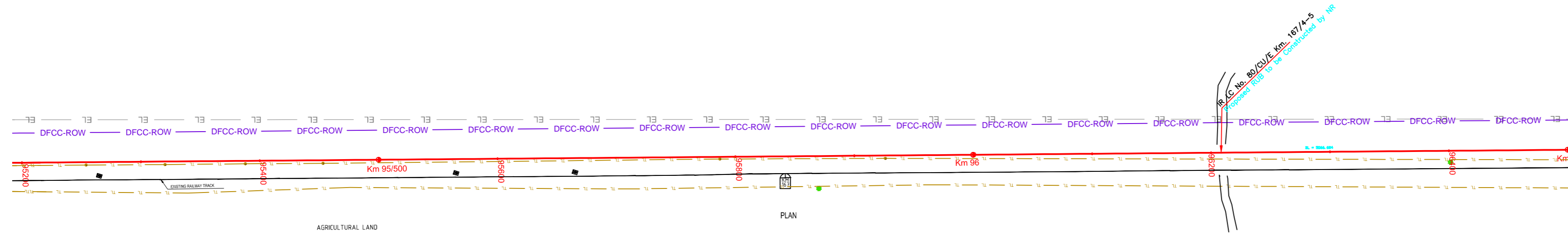
PROJECT: KHURJA TO PILKHANI
From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

CONTRACT PACKAGE - 303

TITLE: PLAN AND PROFILE (Ch: 92900 to Ch: 94100)

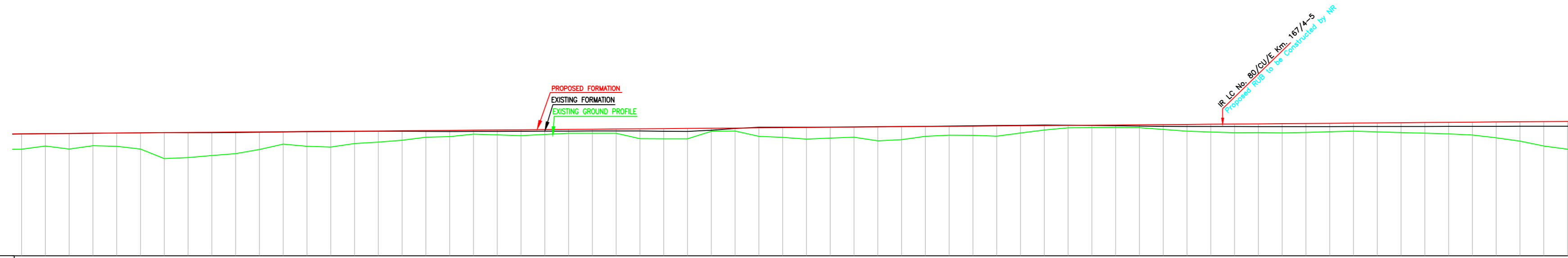
SCALE: SURVEY BY: GENERAL CONSULTANT

AECOM AECOM Asia Co. Ltd.
8th Floor, Infinity Tower C, DLF Cyber City
DLF Phase 3 Gurgaon 122002, INDIA



PLAN

NOTE:-
MINIMUM HEIGHT OF EMBANKMENT SHALL BE PROVIDED AS PER RELEVANT PARA OF PART 2 OF BID DOCUMENT.



Gradient	Rise 1 in 1250		Rise 1 in 1250	
Vertical Alignment				
HORIZONTAL ALIGNMENT				
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	1.200	15.036	1.046	15.014
Cut(-)/Fill(+)(m)	267.739	267.762	267.791	267.811
Proposed F.L. (m)	267.743	267.766	267.795	267.815
EXISTING F.L. (m)	267.739	267.762	267.791	267.811
Ground Level (m)	267.739	267.762	267.791	267.811
KM	95200	95250	95300	95350
95200	268.473	267.739	267.743	1.200
95220	268.733	267.762	267.779	1.046
95240	268.485	267.781	267.796	1.310
95260	268.736	267.799	267.811	1.055
95280	268.716	267.822	267.827	1.111
95300	268.485	267.845	267.843	1.338
95320	268.681	267.863	267.869	2.178
95340	268.785	267.868	267.875	2.110
95360	268.931	267.846	267.891	1.890
95380	268.096	267.867	267.907	1.811
95400	268.450	267.894	267.923	1.473
95420	268.898	267.918	267.939	1.041
95440	268.715	267.933	267.955	1.240
95460	268.656	267.947	267.971	1.315
95480	268.947	267.960	267.987	1.040
95500	267.088	267.972	268.003	0.835
95520	267.221	267.979	268.019	0.798
95540	267.470	267.966	268.035	0.565
95560	267.525	267.953	268.051	0.528
95580	267.700	267.956	268.067	0.337
95600	267.689	267.965	268.083	0.414
95620	267.612	267.974	268.099	0.487
95640	267.709	267.982	268.115	0.408
95660	267.806	267.991	268.131	0.325
95680	267.806	267.997	268.147	0.341
95700	267.804	268.003	268.163	0.359
95720	267.350	268.003	268.179	0.829
95740	267.341	267.979	268.195	0.654
95760	267.347	267.956	268.211	0.664
95780	267.974	268.056	268.227	0.253
95800	267.999	268.202	268.243	0.244
95820	267.551	268.312	268.259	0.709
95840	267.462	268.313	268.275	0.813
95860	267.322	268.314	268.291	0.869
95880	267.400	268.325	268.307	0.907
95900	267.472	268.340	268.323	0.851
95920	267.179	268.355	268.339	1.180
95940	267.272	268.371	268.355	1.083
95960	267.544	268.388	268.371	0.827
95980	267.646	268.405	268.387	0.741
96000	267.637	268.432	268.403	0.766
96020	267.559	268.454	268.419	0.860
96040	267.823	268.475	268.435	0.612
96060	268.087	268.495	268.451	0.364
96080	268.262	268.483	268.467	0.205
96100	268.271	268.457	268.483	0.212
96120	268.271	268.432	268.499	0.228
96140	268.277	268.407	268.515	0.238
96160	268.135	268.392	268.531	0.398
96180	267.986	268.374	268.547	0.561
96200	267.916	268.372	268.563	0.647
96220	267.848	268.369	268.579	0.731
96240	267.884	268.364	268.595	0.731
96260	267.844	268.359	268.611	0.767
96280	267.872	268.360	268.627	0.755
96300	267.933	268.364	268.643	0.710
96320	267.982	268.366	268.659	0.677
96340	267.919	268.371	268.675	0.759
96360	267.868	268.375	268.691	0.823
96380	267.817	268.379	268.707	0.890
96400	267.756	268.383	268.723	0.965
96420	267.653	268.387	268.739	1.086
96440	267.488	268.391	268.755	1.327
96460	267.143	268.395	268.771	1.628
96480	266.741	268.399	268.787	2.046
96500	266.467	268.403	268.803	2.336

L-SECTION

LEGEND

EXIST. IR TRACK	—
PROP. DFCC TRACK	—
EXIST. LAND BOUNDARY	—
DFCC LAND BOUNDARY	—
WORKS TO BE DONE BY OTHER CONTRACTOR	—
PROPOSED BRIDGE	—
PROP. STRUCTURE	—
EXIST. STRUCTURE	—
RIVER/NALA	—
WELL	—
TREE/TREE CLUSTER	—
COMPOUND WALL	—
WORK TO BE DISMANTLED	—
HIGH TENSION LINE	—
POND	—
TELEPHONE POLE	—
ELECTRIC LINE	—
OHE TOWER	—
HAND PUMP	—
GPS PILLAR	—
RAILWAY SIGNAL	—
OHE MAST	—
RELIGIOUS STRUCTURE	—
PIPE LINE CORRIDOR	—
ROAD	—

INDICATIVE DRAWING

DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.
(A GOVERNMENT OF INDIA ENTERPRISE)

EASTERN CORRIDOR

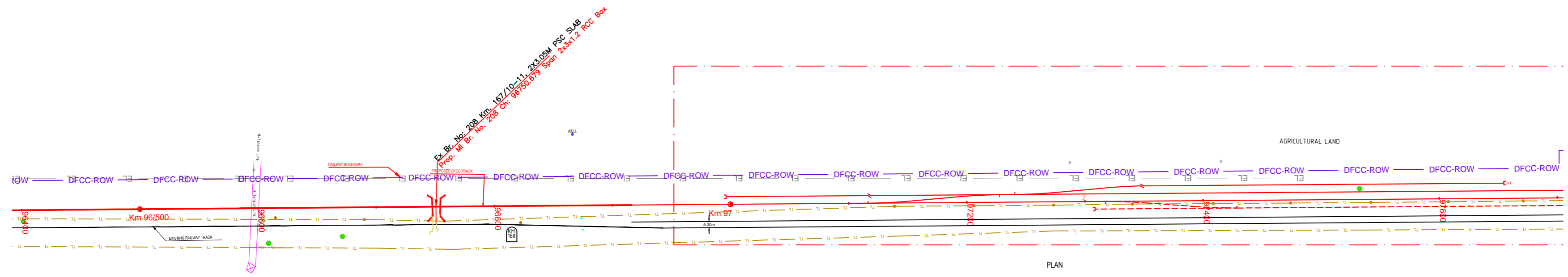
PROJECT: **KHURJA TO PILKHANI**
From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

CONTRACT PACKAGE - 303

TITLE: **PLAN AND PROFILE (Ch: 95300 to Ch: 96500)**

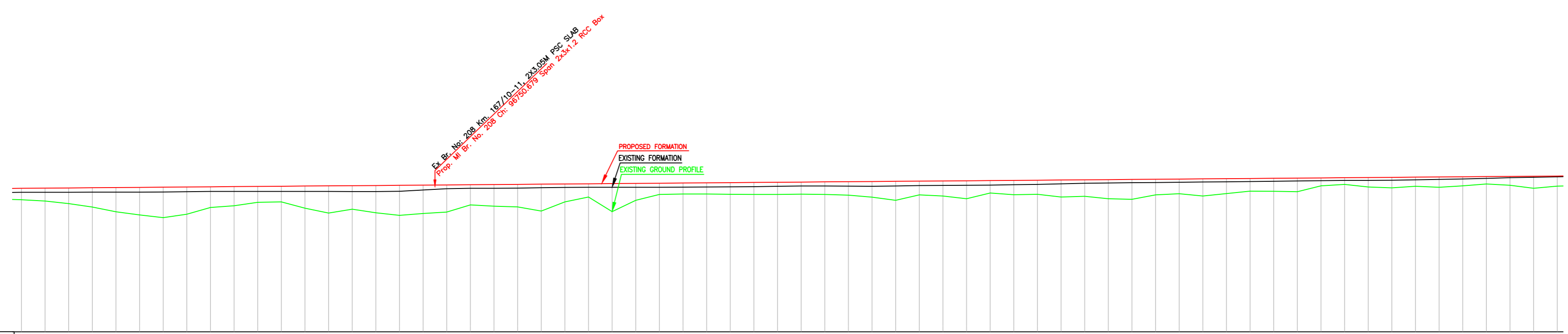
SCALE: _____ DRAWING NO.: _____

SURVEY BY: _____ GENERAL CONSULTANT: **AECOM**
AECOM Asia Co. Ltd.
8th Floor, Infinity Tower C, DLF Cyber City
DLF Phase 3 Gurgaon 122002, INDIA



PLAN

NOTE:-
MINIMUM HEIGHT OF EMBANKMENT SHALL
BE PROVIDED AS PER RELEVANT PARA OF
PART 2 OF BID DOCUMENT.



L-SECTION

Gradient	Rise 1 in 1250																			
Vertical Alignment																				
HORIZONTAL ALIGNMENT																				
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	0.865	14.730	0.865	14.730	0.865	14.730	0.865	14.730	0.865	14.730	0.865	14.730	0.865	14.730	0.865	14.730	0.865	14.730	0.865	14.730
Cut(-)/Fill(m)	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383
Proposed F.L (m)	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383
EXISTING F.L (m)	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383
Ground Level (m)	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383	288.223	288.383
KM	96400	267.798	96400	267.798	96400	267.798	96400	267.798	96400	267.798	96400	267.798	96400	267.798	96400	267.798	96400	267.798	96400	267.798

LEGEND	
EXIST. IR TRACK	—
PROP. DFCC TRACK	—
EXIST. LAND BOUNDARY	—
DFC LAND BOUNDARY	—
WORKS TO BE DONE BY OTHER CONTRACTOR	—
PROPOSED BRIDGE	⌋
PROP. STRUCTURE	▨
EXIST. STRUCTURE	▨
RIVER/NALA	—
WELL	○
TREE/TREE CLUSTER	○
COMPOUND WALL	—
WORK TO BE DISMANTLED	—
HIGH TENSION LINE	⊠
POND	—
TELEPHONE POLE	↑
ELECTRIC LINE	↑
OHE TOWER	↑
HAND PUMP	↑
GPS PILLAR	⊠
RAILWAY SIGNAL	⊠
OHE MAST	↑
RELIGIOUS STRUCTURE	⊠
PIPE LINE CORRIDOR	—
ROAD	—

INDICATIVE DRAWING

DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.
(A GOVERNMENT OF INDIA ENTERPRISE)

EASTERN CORRIDOR

PROJECT
KHURJA TO PILKHANI
From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

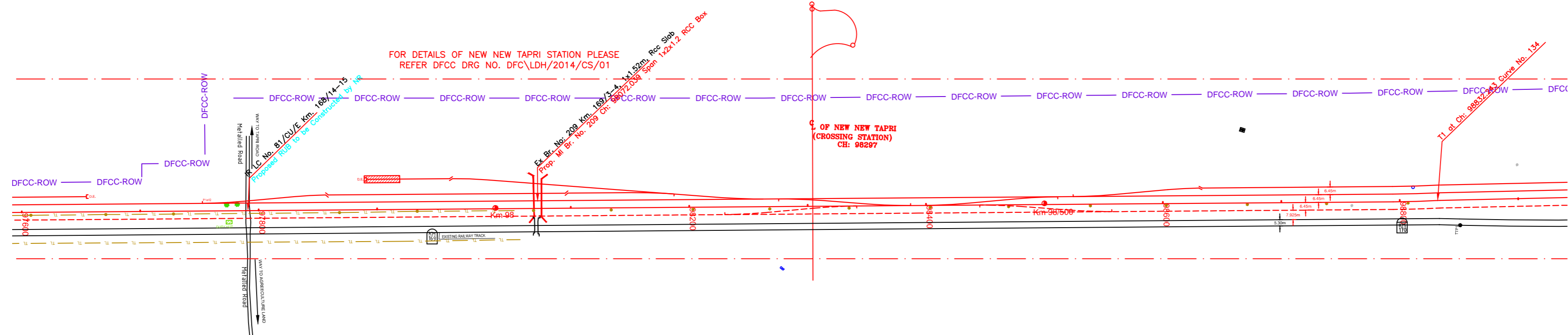
CONTRACT PACKAGE - 303

TITLE
PLAN AND PROFILE (Ch: 96500 to Ch: 97700)

SCALE
DRAWING NO.
SURVEY BY
GENERAL CONSULTANT
AECOM
AECOM Asia Co. Ltd.
8th Floor, Infinity Tower C, DLF Cyber City
DLF Phase 3 Gurgaon 122002, INDIA

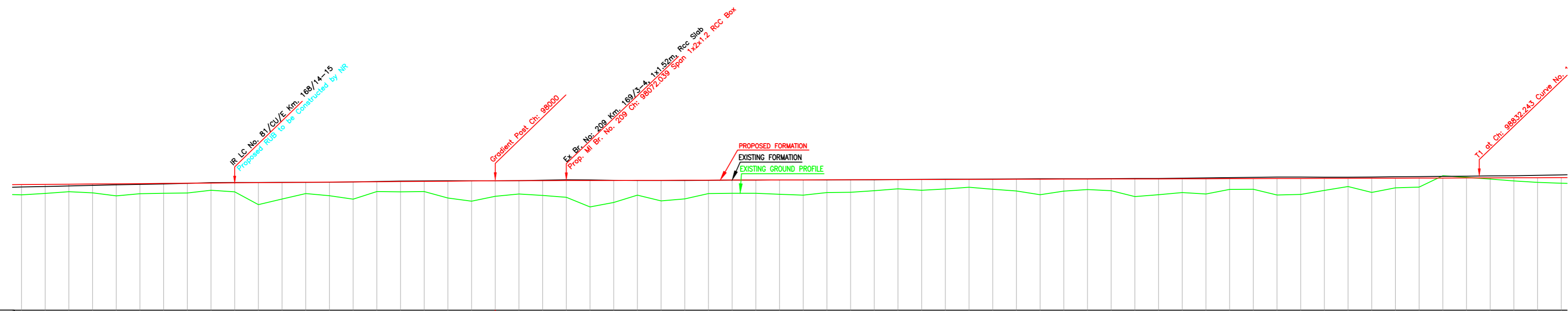
KHURJA

PILKHANI



PLAN

NOTE:-
MINIMUM HEIGHT OF EMBANKMENT SHALL BE PROVIDED AS PER RELEVANT PARA OF PART 2 OF BID DOCUMENT.



KM	DIST. BETWEEN EXISTING MAIN TRACK & PROPOSED ADJACENT TRACK OF DFC	
	Cut(-)/Fill(0)(m)	Proposed F.L. (m)
97600	268.810	268.475
97620	268.936	268.516
97640	268.086	268.568
97660	268.987	268.619
97680	268.733	268.660
97700	268.914	268.686
97720	268.949	268.735
97740	268.976	268.798
97760	269.207	268.841
97780	268.085	268.854
97800	267.991	268.861
97820	268.467	268.865
97840	268.925	268.873
97860	266.736	268.881
97880	268.445	268.898
97900	269.099	268.942
97920	268.074	268.974
97940	268.096	268.968
97960	268.544	270.002
97980	268.283	270.006
98000	268.690	270.006
98020	268.883	270.013
98040	268.760	270.051
98060	268.604	270.068
98080	267.792	270.076
98100	268.188	270.042
98120	268.784	270.032
98140	268.307	270.028
98160	268.472	270.026
98180	268.927	270.040
98200	268.946	270.061
98220	268.953	270.067
98240	268.859	270.071
98260	268.786	270.075
98280	268.004	270.079
98300	269.030	270.085
98320	269.188	270.090
98340	269.325	270.107
98360	269.200	270.124
98380	269.309	270.134
98400	269.456	270.141
98420	269.289	270.148
98440	269.139	270.158
98460	268.830	270.167
98480	269.125	270.173
98500	269.267	270.177
98520	269.189	270.182
98540	269.666	270.191
98560	268.823	270.198
98580	269.012	270.220
98600	268.881	270.247
98620	269.279	270.273
98640	269.283	270.293
98660	269.807	270.312
98680	268.853	270.314
98700	269.186	270.307
98720	269.519	270.302
98740	269.017	270.320
98760	269.403	270.337
98780	269.473	270.356
98800	270.427	270.375
98820	270.299	270.394
98840	270.151	270.413
98860	269.988	270.432
98880	269.898	270.462
98900	269.801	270.497

Vertical Alignment: Rise 1 in 1250, Rise 1 in 3450

L-SECTION

LEGEND

EXIST. IR TRACK	---
PROP. DFCC TRACK	---
EXIST. LAND BOUNDARY	---
DFCC LAND BOUNDARY	---
WORKS TO BE DONE BY OTHER CONTRACTOR	---
PROPOSED BRIDGE	---
PROP. STRUCTURE	---
EXIST. STRUCTURE	---
RIVER/NALA	---
WELL	---
TREE/TREE CLUSTER	---
COMPOUND WALL	---
WORK TO BE DISMANTLED	---
HIGH TENSION LINE	---
POND	---
TELEPHONE POLE	---
ELECTRIC LINE	---
OHE TOWER	---
HAND PUMP	---
GPS PILLAR	---
RAILWAY SIGNAL	---
OHE MAST	---
RELIGIOUS STRUCTURE	---
PIPE LINE CORRIDOR	---
ROAD	---

INDICATIVE DRAWING

DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.
(A GOVERNMENT OF INDIA ENTERPRISE)

EASTERN CORRIDOR

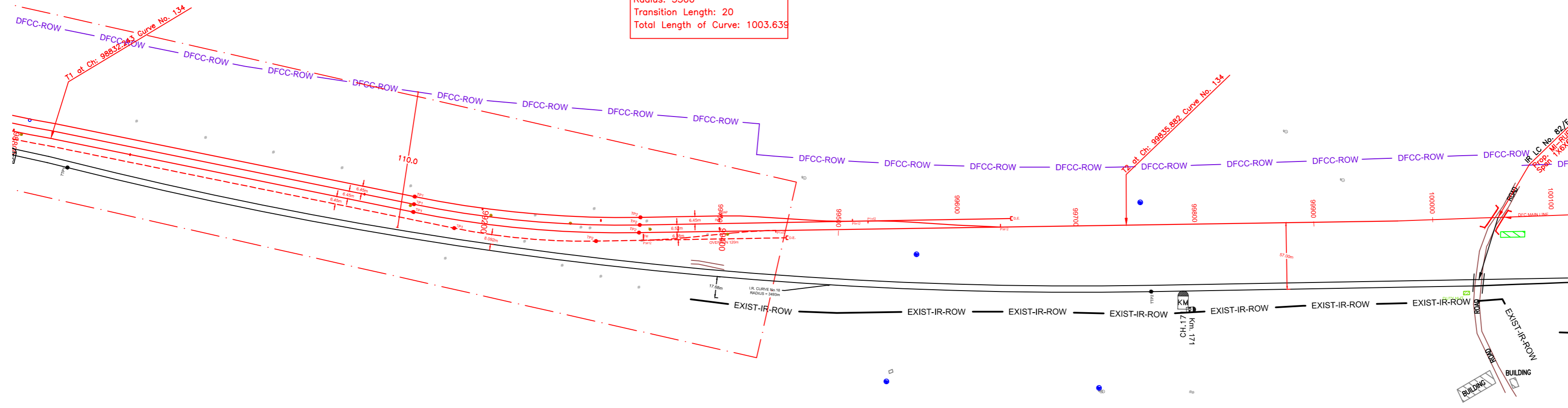
PROJECT: KHURJA TO PILKHANI
From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

CONTRACT PACKAGE - 303

TITLE: PLAN AND PROFILE (Ch: 97700 to Ch: 98900)

SCALE: SURVEY BY: GENERAL CONSULTANT
DRAWING NO.: **AECOM**
AECOM Asia Co. Ltd.
9th Floor, Infinity Tower C, DLF Cyber City
DLF Phase 3 Gurgaon 122002, INDIA

Curve No. 134
 Deflection Angle: 16°6'38"
 Radius: 3500
 Transition Length: 20
 Total Length of Curve: 1003.639

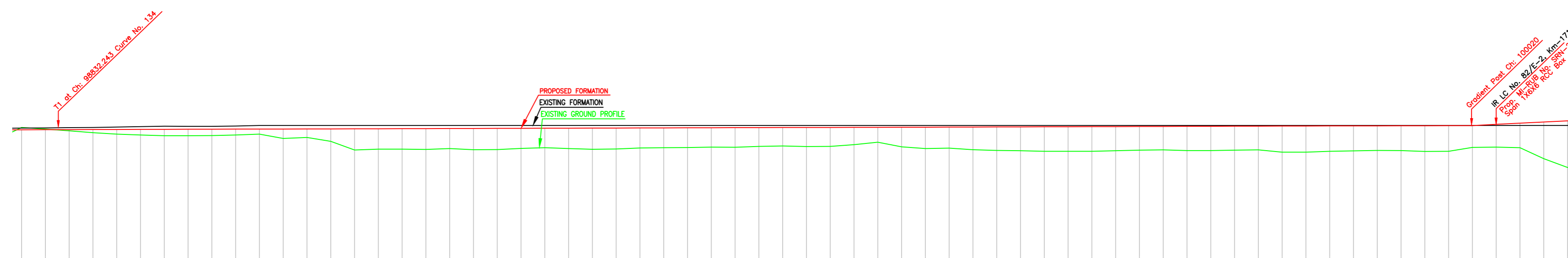


PLAN

NOTE:-
 MINIMUM HEIGHT OF EMBANKMENT SHALL
 BE PROVIDED AS PER RELEVANT PARA OF
 PART 2 OF BID DOCUMENT.

LEGEND

EXIST. IR TRACK	—
PROP. DFCC TRACK	—
EXIST. LAND BOUNDARY	—
DFC LAND BOUNDARY	—
WORKS TO BE DONE BY OTHER CONTRACTOR	—
PROPOSED BRIDGE	—
PROP. STRUCTURE	—
EXIST. STRUCTURE	—
RIVER/NALA	—
WELL	—
TREE/TREE CLUSTER	—
COMPOUND WALL	—
WORK TO BE DISMANTLED	—
HIGH TENSION LINE	—
POND	—
TELEPHONE POLE	—
ELECTRIC LINE	—
OHE TOWER	—
HAND PUMP	—
GPS PILLAR	—
RAILWAY SIGNAL	—
OHE MAST	—
RELIGIOUS STRUCTURE	—
PIPE LINE CORRIDOR	—
ROAD	—



L-SECTION

Gradient	Rise 1 in 3450		Rise		
Vertical Alignment					
HORIZONTAL ALIGNMENT					
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	98800	270.427	270.375	-0.192	23.01
Cut(-)/Fill(m)	98820	270.299	270.394	-0.058	23.993
Proposed F.L (m)	98840	270.151	270.413	0.095	24.160
EXISTING F.L (m)	98860	269.988	270.432	0.284	24.520
Ground Level (m)	98880	269.868	270.462	0.390	24.771
KM	98900	269.801	270.497	0.463	24.900
	98920	269.737	270.530	0.533	24.910
	98940	269.700	270.527	0.545	24.811
	98960	269.752	270.525	0.529	24.590
	98980	269.797	270.551	0.490	24.259
	99000	269.864	270.591	0.429	23.921
	99020	269.510	270.591	0.789	23.259
	99040	269.596	270.591	0.708	22.581
	99060	269.260	270.591	1.050	21.902
	99080	268.541	270.591	1.779	21.540
	99100	268.611	270.591	1.711	21.520
	99120	268.603	270.591	1.725	21.860
	99140	268.585	270.591	1.748	22.555
	99160	268.656	270.591	1.683	23.593
	99180	268.556	270.591	1.789	25.000
	99200	268.574	270.591	1.777	26.782
	99220	268.664	270.591	1.683	28.090
	99240	268.728	270.591	1.654	30.364
	99260	268.654	270.591	1.714	32.790
	99280	268.592	270.591	1.782	35.111
	99300	268.621	270.591	1.759	37.310
	99320	268.709	270.591	1.677	39.400
	99340	268.735	270.591	1.656	41.372
	99360	268.736	270.591	1.639	43.222
	99380	268.773	270.591	1.630	44.959
	99400	268.760	270.591	1.649	46.580
	99420	268.839	270.591	1.578	48.081
	99440	268.874	270.591	1.546	49.470
	99460	268.824	270.591	1.602	50.749
	99480	268.836	270.591	1.596	51.910
	99500	268.988	270.591	1.450	52.951
	99520	269.188	270.591	1.258	53.879
	99540	269.801	270.591	1.648	54.700
	99560	268.682	270.591	1.793	55.402
	99580	268.688	270.591	1.773	55.982
	99600	268.555	270.591	1.912	56.451
	99620	268.497	270.591	1.978	56.809
	99640	268.478	270.591	2.000	57.050
	99660	268.428	270.591	2.056	57.180
	99680	268.429	270.591	2.061	57.189
	99700	268.426	270.591	2.070	57.200
	99720	268.472	270.591	2.030	57.200
	99740	268.518	270.591	1.989	57.200
	99760	268.549	270.591	1.964	57.200
	99780	268.466	270.591	2.033	57.200
	99800	268.490	270.591	2.035	57.004
	99820	268.522	270.591	2.009	57.050
	99840	268.550	270.591	1.986	56.997
	99860	268.351	270.591	2.191	56.993
	99880	268.409	270.591	2.168	57.015
	100000	268.432	270.591	2.151	57.000
	100020	268.751	270.591	1.837	57.002
	100040	268.774	270.591	1.915	57.019
	100060	268.729	270.591	2.060	56.957
	100080	267.805	270.591	3.084	56.930
	100100	267.070	270.591	3.919	56.917

INDICATIVE DRAWING

DFCC DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.
 (A GOVERNMENT OF INDIA ENTERPRISE)

EASTERN CORRIDOR

PROJECT
 KHURJA TO PILKHANI
 From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

CONTRACT PACKAGE - 303

TITLE
 PLAN AND PROFILE (Ch: 98900 to Ch: 100100)

SCALE
 DRAWING NO.

SURVEY BY
 GENERAL CONSULTANT
AECOM AECOM Asia Co. Ltd.
 9TH FLOOR, INFINITY TOWER C BULDBUILDING, CHENNAI
 600 016, CHENNAI 122002, INDIA