



DESIGN, SUPPLY, CONSTRUCTION, INSTALLATION, TESTING AND COMMISSIONING OF 2X25 KV AC ELECTRIFICATION, SIGNALING & TELECOMMUNICATION, E&M AND ASSOCIATED WORKS ON DESIGN – BUILD LUMP SUM BASIS FOR KHURJA – PILKHANI SECTION (APPROXIMATELY 220 ROUTE KM OF SINGLE LINE) OF EASTERN DEDICATED FREIGHT CORRIDOR.

CONTRACT PACKAGE – 305

ICB No.: HQ/SYS/EC/D-B/Khurja – Pilkhani

(Part – 4 Reference Document)

PROJECT SHEETS – VOLUME – 5.1

KHURJA TO PILKHANI

From Km 1367 (ALJN-GZB) to Km 187.500 (SRE-UMB)

PROJECT SHEETS

EMPLOYER

DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD

(A GOVERNMENT OF INDIA ENTERPRISE)

MINISTRY OF RAILWAYS

COUNTRY : INDIA

KHURJA

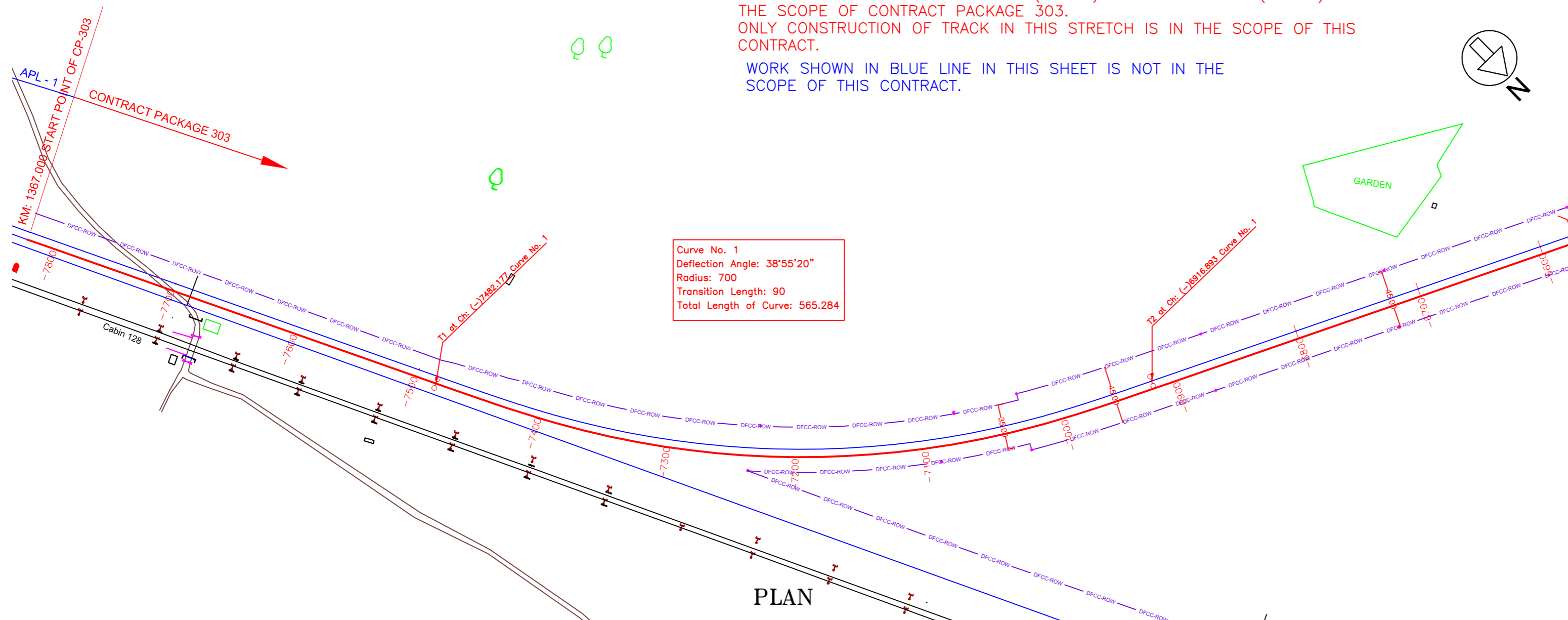
PILKHANI

PROJECT SHEET NO. 1

EARTH WORK & BRIDGES FROM Ch: (-7820) Km 1367 TO Ch: (-2400) NOT IN THE SCOPE OF CONTRACT PACKAGE 303. ONLY CONSTRUCTION OF TRACK IN THIS STRETCH IS IN THE SCOPE OF THIS CONTRACT.

WORK SHOWN IN BLUE LINE IN THIS SHEET IS NOT IN THE SCOPE OF THIS CONTRACT.

Curve No. 1
Deflection Angle: 38°55'20"
Radius: 700
Transition Length: 90
Total Length of Curve: 565.284



PLAN

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

LEGEND

Table with 2 columns: Symbol and Description. Includes entries for EXIST. IR TRACK, PROP. DFCC TRACK, EXIST. LAND BOUNDARY, DFC LAND BOUNDARY, 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.

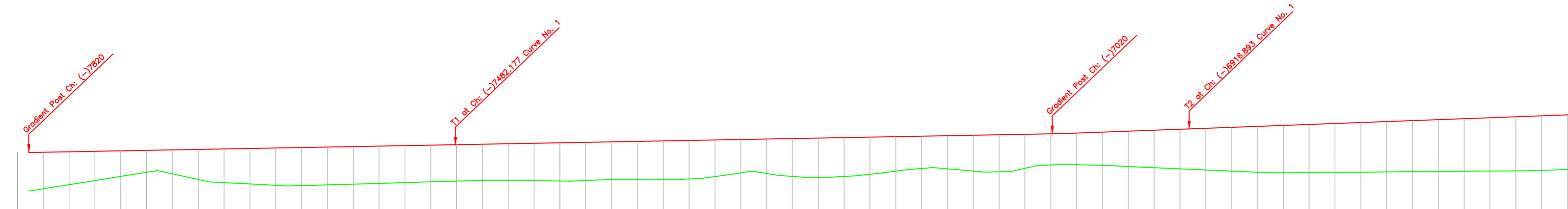


Table with 5 columns: Gradient, Vertical Alignment, HORIZONTAL ALIGNMENT, Dist. Between Existing Main Track & Proposed Adjacent Track of DFC, and Chainage (m). The Chainage column lists values from -7820 to -6620 in increments of 20.

L-SECTION

INDICATIVE DRAWING

Logo of AECOM and text: DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD. (A GOVERNMENT OF INDIA ENTERPRISE). PROJECT: KHURJA TO PILKHANI From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB). CONTRACT PACKAGE - 303. TITLE: PLAN AND PROFILE (Ch: -7820 to Ch: -6620). SCALE: DRAWING NO. SURVEY BY: GENERAL CONSULTANT AECOM AECOM Asia Co. Ltd. 9th Floor, Embassy Towers C DLF Cyber City Gurgaon, Haryana, India.

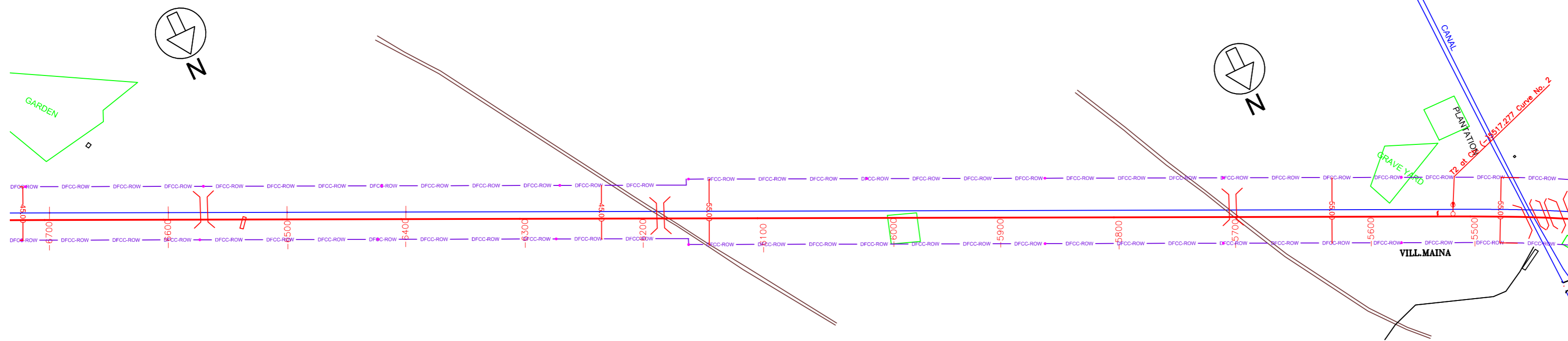
KHURJA

PILKHANI

PROJECT SHEET NO. 2

-2400) NOT IN
OF THIS

EARTH WORK & BRIDGES FROM Ch: (-7820) Km 1367 TO Ch: (-2400) NOT IN THE SCOPE OF CONTRACT PACKAGE 303. ONLY CONSTRUCTION OF TRACK IN THIS STRETCH IS IN THE SCOPE OF THIS CONTRACT.
WORK SHOWN IN BLUE LINE IN THIS SHEET IS NOT IN THE SCOPE OF THIS CONTRACT.



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

PLAN

LEGEND

Table with 2 columns: Symbol/Description and Drawing Representation. Includes items like 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.

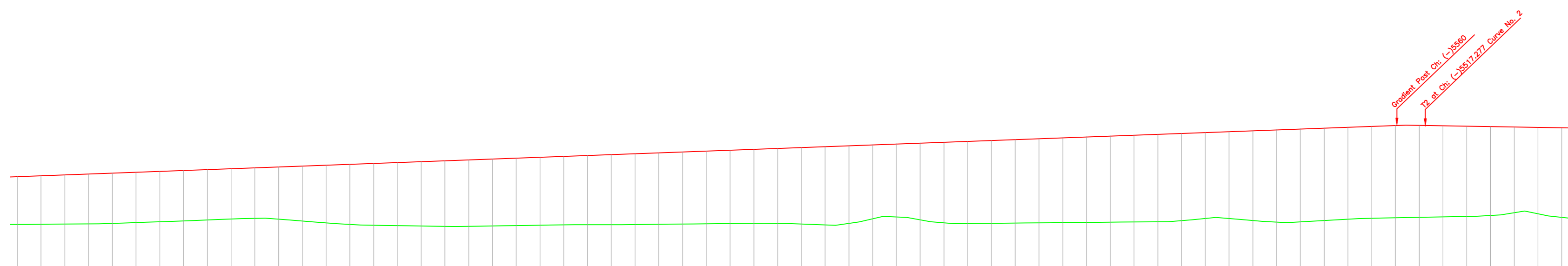


Table with 5 columns: Gradient, Vertical Alignment, HORIZONTAL ALIGNMENT, Dist. Between Existing Main Track & Proposed Adjacent Track of DFC, and Chainage (m). The Chainage column contains values from -6720 to -5420.

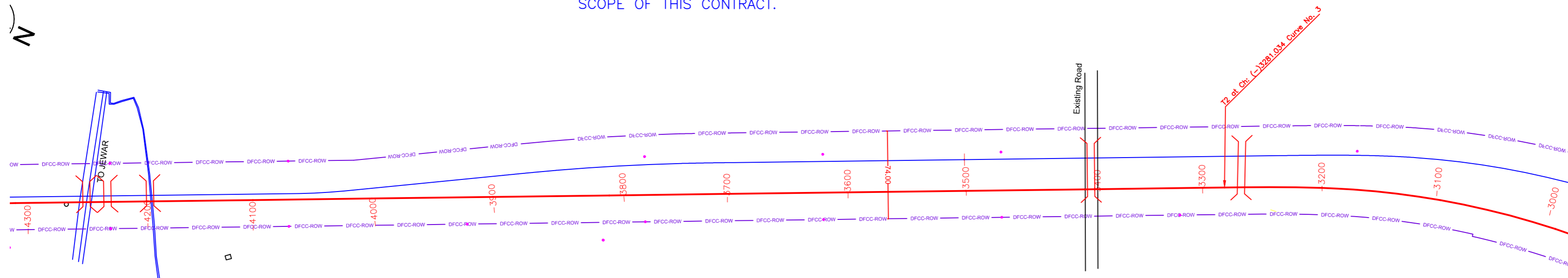
L-SECTION

INDICATIVE DRAWING

Project information block including AECOM logo, 'DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.', 'EASTERN CORRIDOR', 'PROJECT: KHURJA TO PILKHANI From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)', 'CONTRACT PACKAGE - 303', and drawing details like 'TITLE: PLAN AND PROFILE (Ch: -6620 to Ch: -5420)', 'SCALE', 'DRAWING NO.', 'SURVEY BY', and 'GENERAL CONSULTANT: AECOM AECOM Asia Co. Ltd.'.

EARTH WORK & BRIDGES FROM Ch: (-7820) Km 1367 TO Ch: (-2400) NOT IN THE SCOPE OF CONTRACT PACKAGE 303. ONLY CONSTRUCTION OF TRACK IN THIS STRETCH IS IN THE SCOPE OF THIS CONTRACT.

WORK SHOWN IN BLUE LINE IN THIS SHEET IS NOT IN THE SCOPE OF THIS CONTRACT.



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

PLAN

LEGEND

Legend table listing symbols for various features: EXIST. IR TRACK, PROP. DFCC TRACK, EXIST. LAND BOUNDARY, etc.

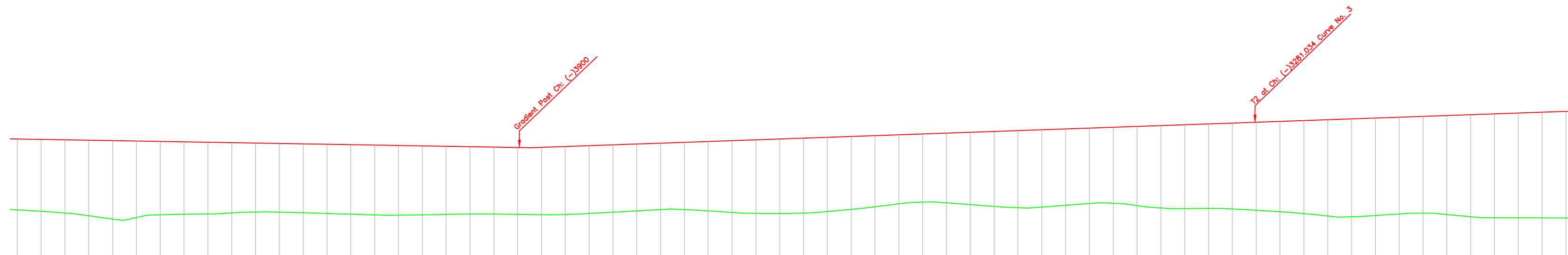


Table with columns for Gradient, Vertical Alignment, HORIZONTAL ALIGNMENT, Dist. Between Existing Main Track & Proposed Adjacent Track of DFC, Cut(-)/Fill(+)(m), Proposed F.L (m), EXISTING F.L (m), Ground Level (m), and Chainage (m).

L-SECTION

INDICATIVE DRAWING

Project information block including AECOM logo, project name (KHURJA TO PILKHANI), contract package (303), and drawing title (PLAN AND PROFILE).

KHURJA

PILKHANI

PROJECT SHEET NO. 5

Curve No. 3
Deflection Angle: 83°2'50"
Radius: 700
Transition Length: 100
Total Length of Curve: 1114.099

EARTH WORK & BRIDGES FROM Ch: (-7820) Km 1367 TO Ch: (-2400) NOT IN THE SCOPE OF CONTRACT PACKAGE 303.
ONLY CONSTRUCTION OF TRACK IN THIS STRETCH IS IN THE SCOPE OF THIS CONTRACT.

WORK SHOWN IN BLUE LINE IN THIS SHEET IS NOT IN THE SCOPE OF THIS CONTRACT.

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	
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

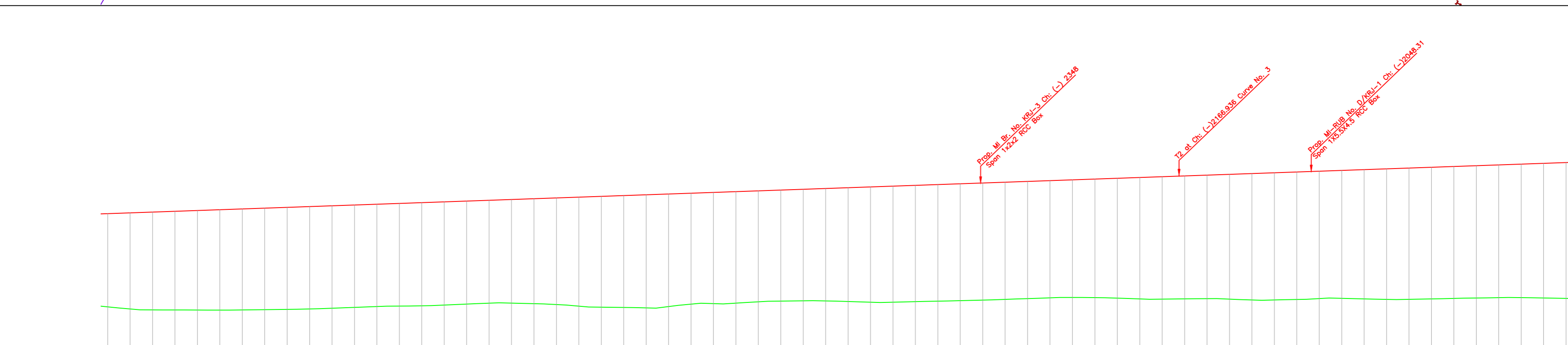
PROJECT
KHURJA TO PILKHANI
From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

CONTRACT PACKAGE - 303

TITLE
PLAN AND PROFILE (Ch: -3020 to Ch: -1820)

SCALE
DRAWING NO.
GENERAL CONSULTANT
AECOM
AECOM Asia Co. Ltd.
5th Floor, Gateway Tower C, DLF Cyber City
DLF Phase II Gurgaon 122002, Haryana

L-SECTION

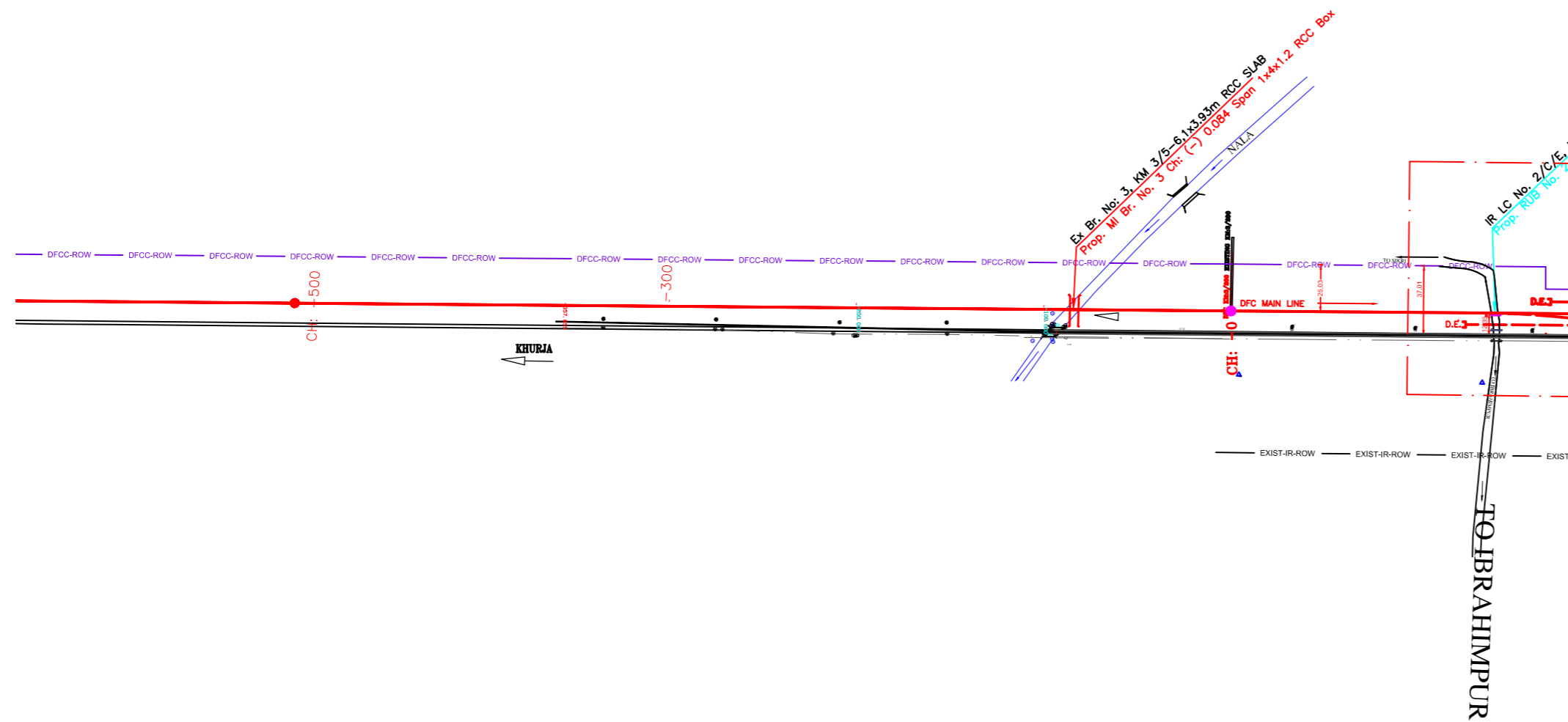


Gradient	Rise 1 in 285		Rise 1 in 285		Rise 1 in 285	
Vertical Alignment	[Profile Line]					
HORIZONTAL ALIGNMENT	[Profile Line]					
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	DETOUR					
Cut(-)/Fill(+)(m)	7.322	7.568	7.647	7.726	7.805	7.870
Proposed F.L (m)	201.636	201.709	201.776	201.846	201.916	201.986
EXISTING F.L (m)	201.636	201.709	201.776	201.846	201.916	201.986
Ground Level (m)	194.314	194.138	194.129	194.12	194.111	194.116
Chainage (m)	-3120	-3100	-3080	-3060	-3040	-3020

KHURJA

PILKHANI

PROJECT SHEET NO. 7

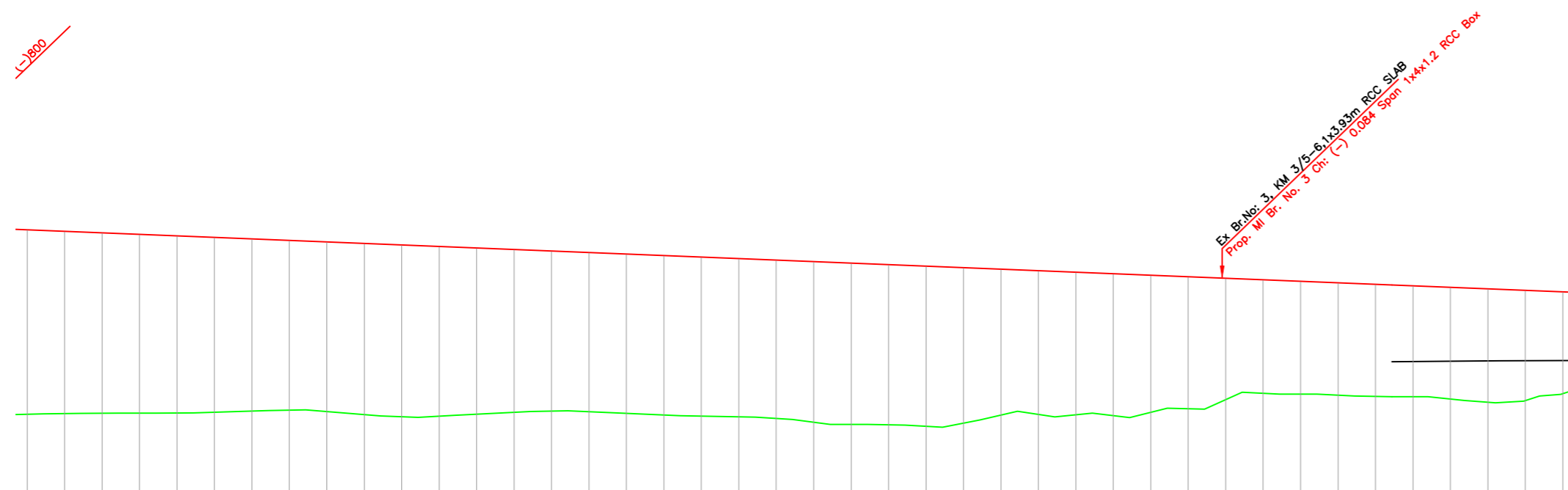


PLAN

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	Fall 1 in 458	Fall 1 in 458	Fall 1 in 458
Vertical Alignment	[Vertical alignment diagram]		
HORIZONTAL ALIGNMENT	[Horizontal alignment diagram]		
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	DETOUR		
Cut(-)/Fill(+)(m)	203.775 8.710	203.699 8.601	203.614 8.516
Proposed F.L (m)	203.534 8.432	203.454 8.339	203.373 8.197
EXISTING F.L (m)	203.293 8.056	203.213 7.939	203.132 8.020
Ground Level (m)	195.065	195.094	195.098
Chainage (m)	-720	-700	-680

INDICATIVE DRAWING

dedicated freight corridor CORPORATION OF INDIA LTD.
(A GOVERNMENT OF INDIA ENTERPRISE)

EASTERN CORRIDOR

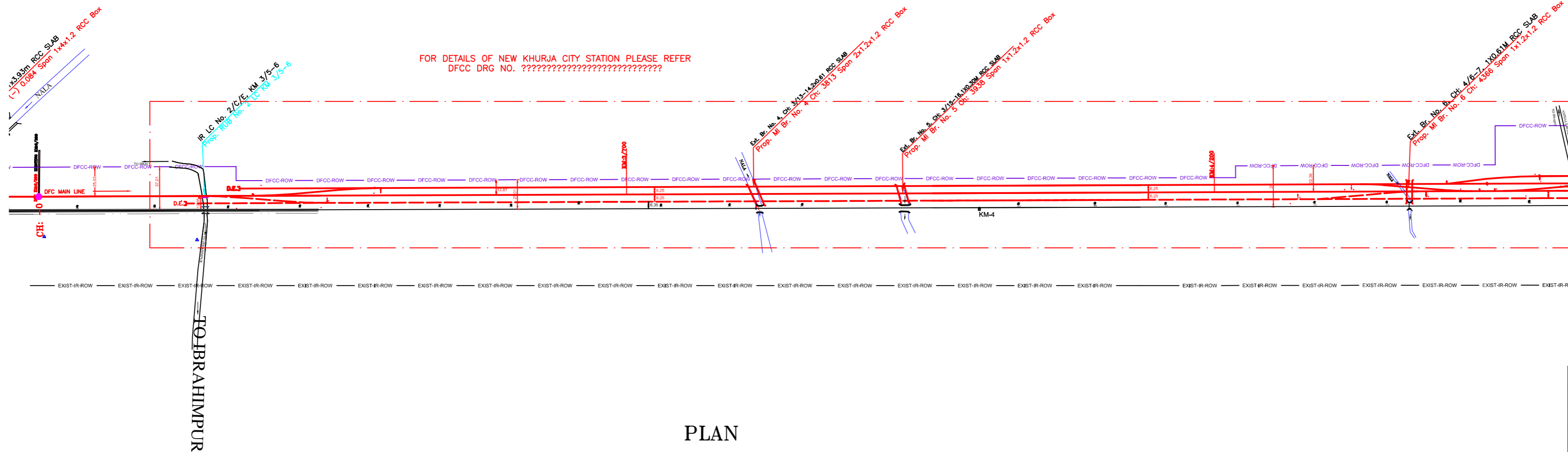
PROJECT
KHURJA TO PILKHANI
From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

CONTRACT PACKAGE - 303

TITLE
PLAN AND PROFILE (Ch: 620 to Ch: 00)

SCALE
DRAWING NO.

SURVEY BY
GENERAL CONSULTANT
AECOM AECOM Asia Co. Ltd.
9th Floor, Embassy Tower C, DLF Cyber City
DLF Phase II Gurgaon 122002, India

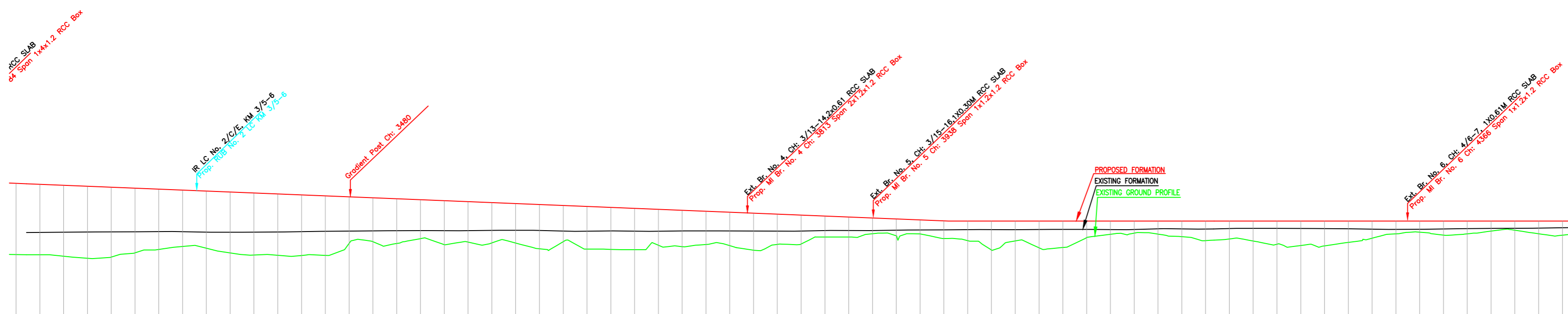


PLAN

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	
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	



L-SECTION

Vertical Alignment	1 in 458		Fall 1 in 1199		Fall 1 in 1199		Fall 1 in 1199	
HORIZONTAL ALIGNMENT								
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	11.95	11.97	11.98	11.98	11.99	11.99	12.00	12.01
Cut(-)/Fill(+)(m)	0.2900	0.2923	0.2940	0.2952	0.2958	0.2958	0.2953	0.2940
Proposed F.L. (m)	197.283	197.308	197.322	197.342	197.351	197.360	197.360	197.360
EXISTING F.L. (m)	197.283	197.308	197.322	197.342	197.351	197.360	197.360	197.360
Ground Level (m)	195.973	195.911	195.753	195.591	195.538	195.481	195.423	195.366
Chainage (m)	3220	3240	3260	3280	3300	3320	3340	3360

INDICATIVE DRAWING

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

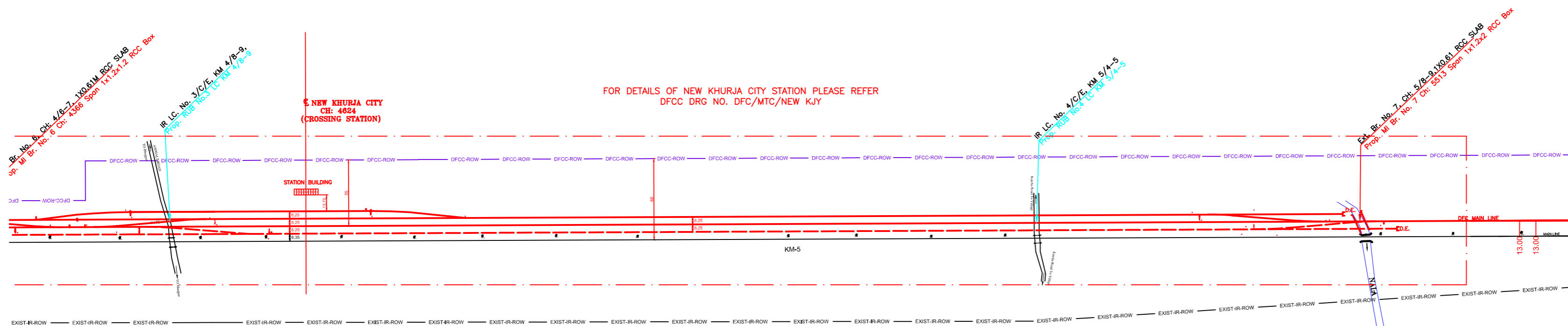
EASTERN CORRIDOR

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

CONTRACT PACKAGE - 303

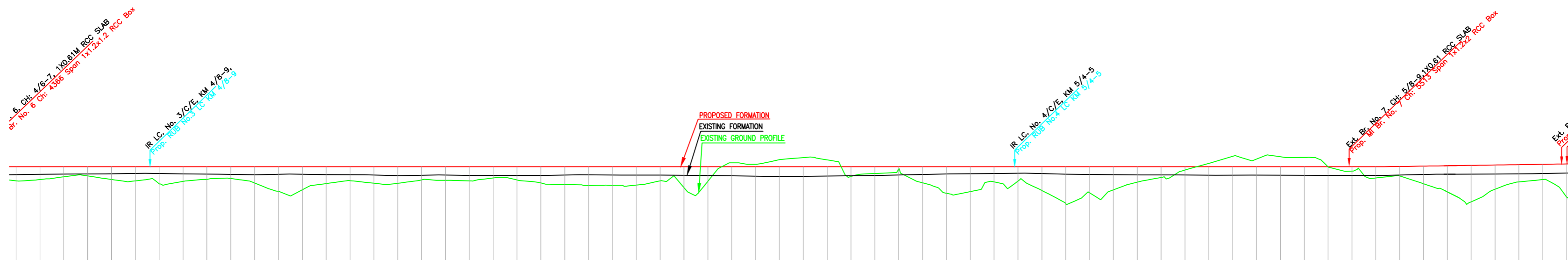
TITLE
PLAN AND PROFILE (Ch: 3200 to Ch: 4500)

SCALE: SURVEY BY: DRAWING NO.: GENERAL CONSULTANT
AECOM
AECOM Asia Co. Ltd.
5th Floor, Unitary Tower C, DLF Cyber City
DLF Phase II, Gurgaon 122002, India.



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

PLAN



Gradient	Fall 1 in 1199	
Vertical Alignment		
HORIZONTAL ALIGNMENT		
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	12.52	13.12
Cut(-)/Fill(+)(m)	1.421	12.53
Proposed F.L (m)	198.991	197.590
EXISTING F.L (m)	197.570	197.590
Ground Level (m)	197.570	197.590
Chainage (m)	4400	5700

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

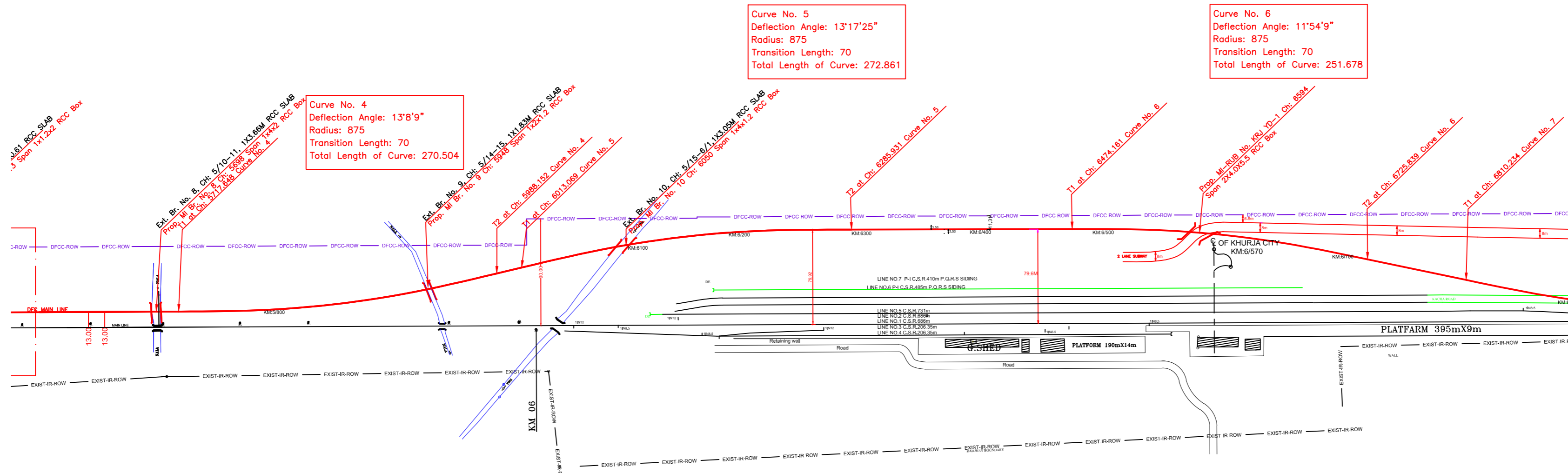
TITLE
PLAN AND PROFILE (Ch: 4500 to Ch: 5700)

SCALE
DRAWING NO.
GENERAL CONSULTANT
AECOM
AECOM Asia Co. Ltd.
5th Floor, Jangra Tower C DLF Cyber City
DLF Phase II Gurgaon 122002, India

KHURJA

PILKHANI

PROJECT SHEET NO. 10

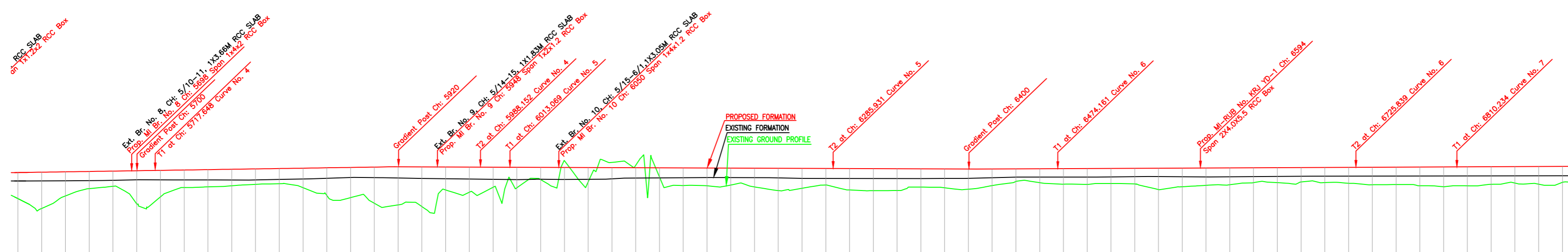


PLAN

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

Chainage (m)	Ground Level (m)	Proposed F.L (m)	Cut(-)/Fill(+)(m)
5800	196.275	197.617	1.342
5820	196.124	197.621	1.497
5840	197.144	197.629	0.485
5860	197.539	197.642	0.103
5880	197.427	197.666	0.239
5900	195.799	197.712	1.913
5920	197.194	197.714	0.520
5940	197.574	197.706	0.132
5960	197.644	197.708	0.064
5980	197.772	197.703	0.022
6000	197.866	197.701	0.085
6020	197.852	197.740	0.088
6040	197.272	197.774	0.502
6060	196.498	197.830	1.332
6080	196.909	197.902	0.993
6100	195.907	197.905	2.008
6120	196.349	197.874	1.525
6140	195.447	197.831	2.384
6160	197.139	197.804	0.665
6180	196.823	197.779	0.956
6200	196.303	197.756	1.453
6220	198.057	197.733	0.324
6240	197.909	197.762	0.053
6260	198.868	197.741	1.127
6280	199.071	197.752	1.319
6300	199.759	197.777	2.082
6320	199.907	197.857	2.050
6340	197.647	197.871	0.224
6360	197.759	197.885	0.126
6380	197.649	197.900	0.251
6400	197.629	197.901	0.272
6420	197.504	197.897	0.393
6440	197.376	197.863	0.487
6460	197.629	197.838	0.209
6480	197.623	197.826	0.203
6500	197.333	197.824	0.491
6520	197.307	197.822	0.515
6540	197.449	197.820	0.371
6560	197.597	197.817	0.220
6580	197.453	197.830	0.377
6600	197.493	197.832	0.339
6620	197.846	197.863	0.017
6640	198.179	197.934	0.245
6660	197.901	197.944	0.043
6680	197.851	197.943	0.092
6700	197.605	197.943	0.338
6720	197.902	197.955	0.053
6740	197.697	197.981	0.284
6760	197.453	197.995	0.542
6780	197.679	197.990	0.311
6800	197.794	197.994	0.200
6820	197.893	197.998	0.105
6840	196.866	197.990	1.124
6860	197.939	197.992	0.053
6880	198.112	198.008	0.086
6900	198.004	198.018	0.014
6920	197.888	198.021	0.133
6940	197.805	198.025	0.220
6960	197.817	198.029	0.212
6980	197.719	198.033	0.314
7000	197.712	198.036	0.324
7020	197.707	198.040	0.333
7040	197.849	198.044	0.195
7060	197.859	198.048	0.189
7080	197.752	198.051	0.299
7100	198.020	198.055	0.035

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

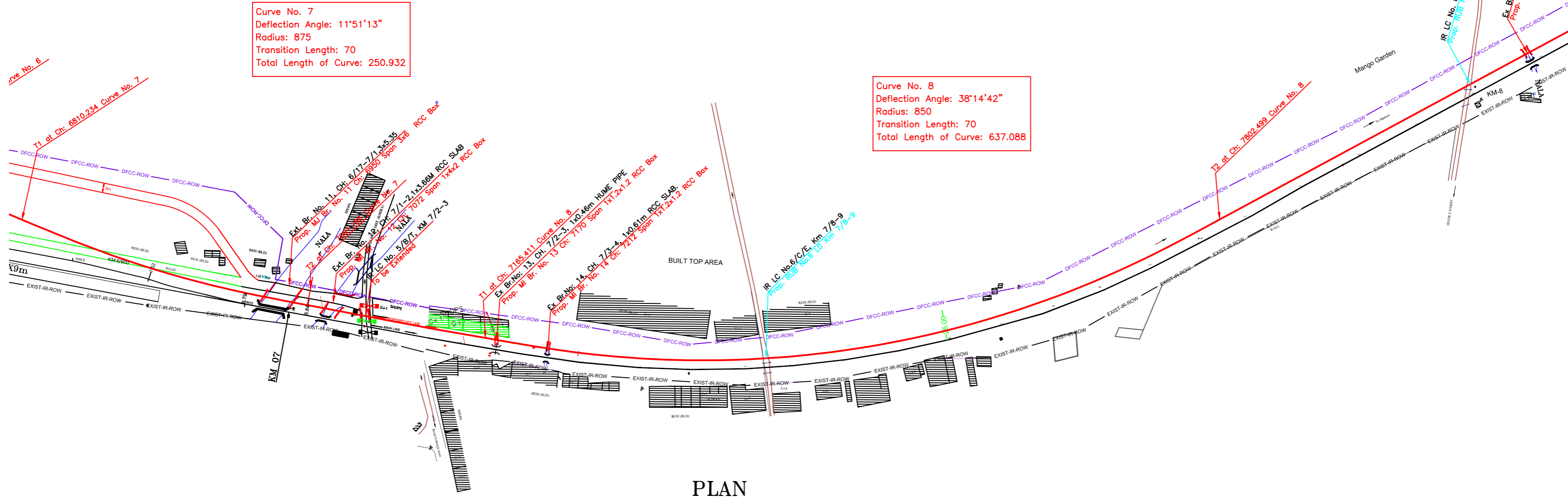
TITLE: PLAN AND PROFILE (Ch: 5700 to Ch: 6900)

SCALE: DRAWING NO. _____

SURVEY BY: GENERAL CONSULTANT
AECOM AECOM Asia Co. Ltd.
5th Floor, Jangra Tower C DLF Cyber City
DLF Phase 3 Gurgaon 122002, India

KHURJA

PROJECT SHEET NO. 11

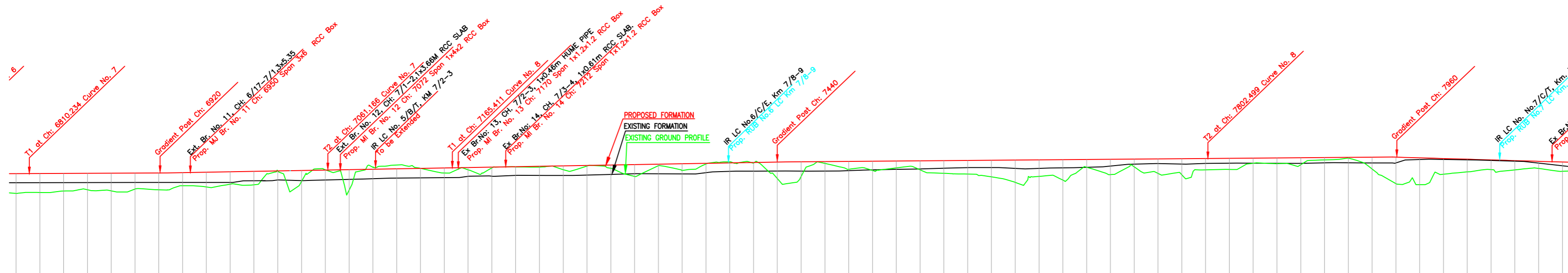


PLAN

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 556		Rise 1 in 1347		Fall 1 in 340	
Vertical Alignment						
HORIZONTAL ALIGNMENT						
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	79.65	79.63	79.59	79.48	79.15	78.53
Cut(-)/Fill(+)(m)	198.219	198.229	198.237	198.246	198.256	198.265
Proposed F.L (m)	198.219	198.229	198.237	198.246	198.256	198.265
EXISTING F.L (m)	197.712	197.707	197.846	197.859	197.859	197.752
Ground Level (m)	197.712	197.707	197.846	197.859	197.859	197.752
Chainage (m)	6800	6820	6840	6860	6880	6900

L-SECTION

INDICATIVE DRAWING

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

EASTERN CORRIDOR

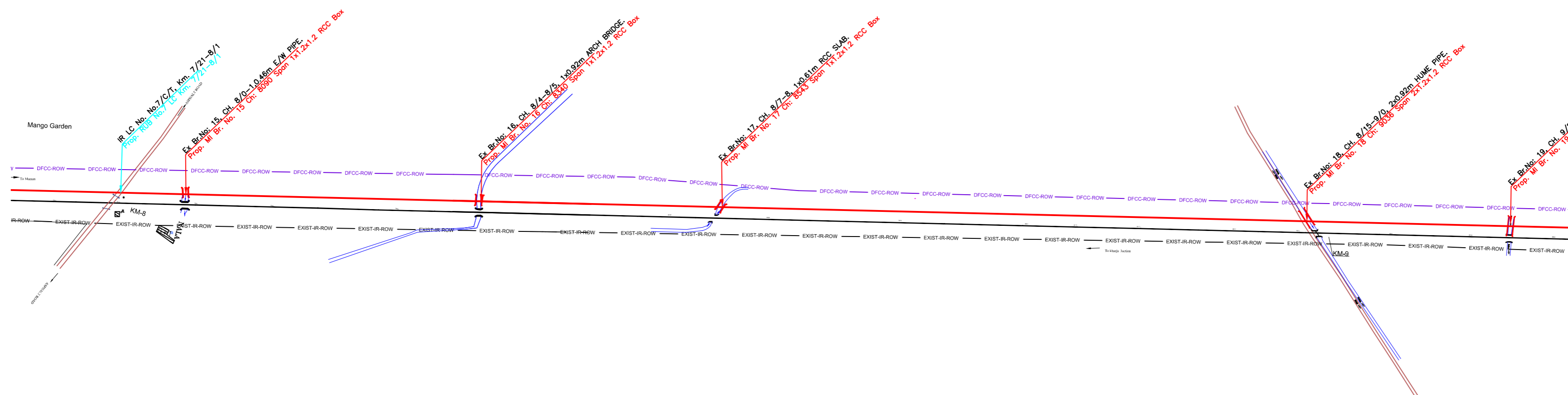
PROJECT
KHURJA TO PILKHANI
From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

CONTRACT PACKAGE - 303

TITLE
PLAN AND PROFILE (Ch: 6900 to Ch: 8100)

SCALE
DRAWING NO.

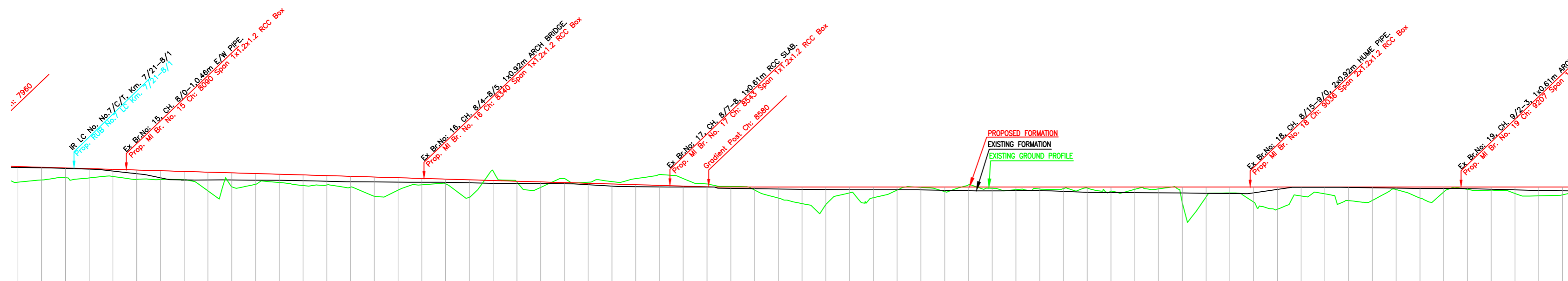
SURVEY BY
GENERAL CONSULTANT
AECOM
AECOM Asia Co. Ltd.
5th Floor, Gateway Tower C, DLF Cyber City
DLF Phase 3 Gurgaon 122002, India



PLAN

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

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	Fall 1 in 340	Fall 1 in 340	Level	Level
Vertical Alignment				
HORIZONTAL ALIGNMENT				
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	8.80	8.80	8.84	8.87
Cut(-)/Fill(+)(m)	1.224	0.960	0.948	0.83
Proposed F.L (m)	199.475	199.420	199.361	199.302
EXISTING F.L (m)	198.250	198.460	198.413	198.419
Ground Level (m)	198.250	198.460	198.413	198.419
Chainage (m)	8000	8020	8040	8060

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: 8100 to Ch: 9300)

SCALE
DRAWING NO.
GENERAL CONSULTANT
AECOM
AECOM Asia Co. Ltd.
5th Floor, Jangra Tower C DLF Cyber City
DLF Phase II Gurgaon 122002, India

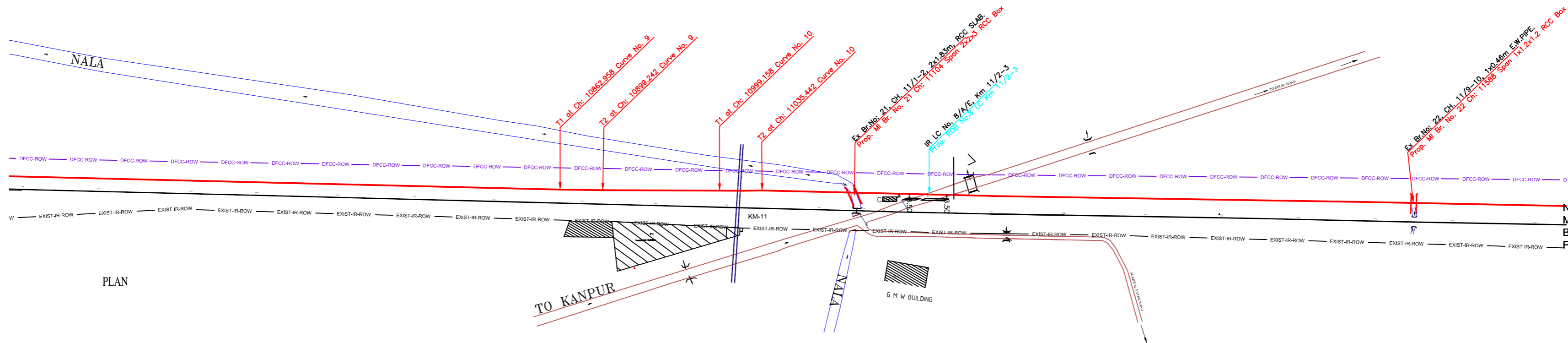
KHURJA

PILKHANI

PROJECT SHEET NO. 14

Curve No. 9
Deflection Angle: 1°18'0"
Radius: 1600
Total Length of Curve: 36.284

Curve No. 10
Deflection Angle: 1°18'0"
Radius: 1600
Total Length of Curve: 36.284

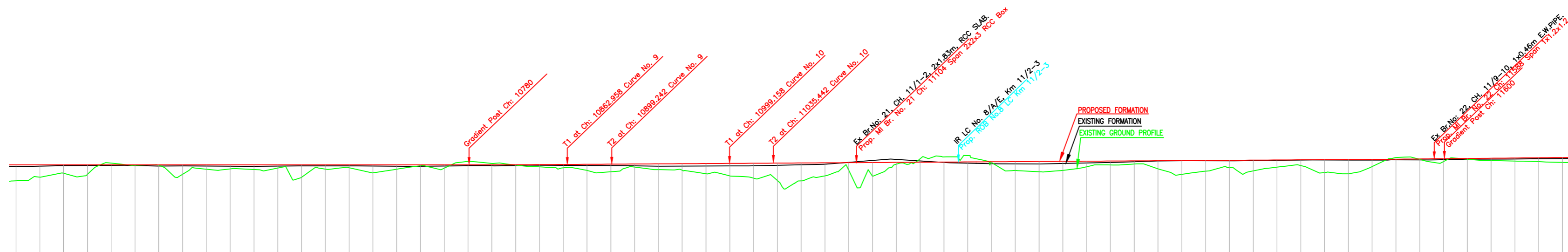


NOTE:-
MINIMUM HEIGHT OF EMBANKMENT SHALL
BE PROVIDED AS PER RELEVANT PARA OF
PART 2 OF BID DOCUMENT.

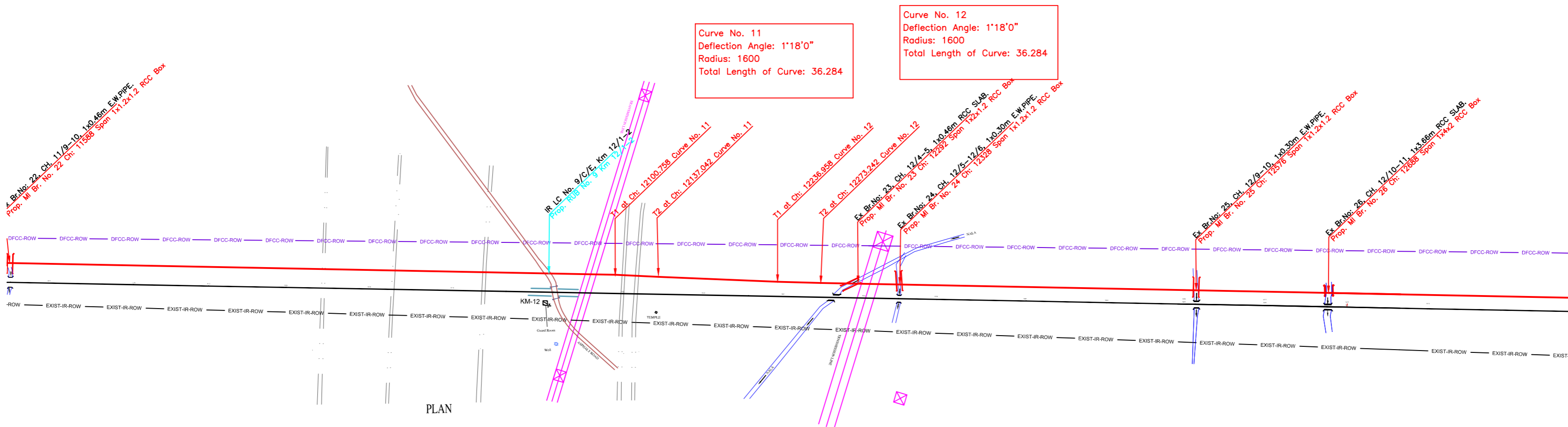
PLAN

LEGEND

EXIST. IR TRACK	
PROP. DFCC TRACK	
EXIST. LAND BOUNDARY	
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	



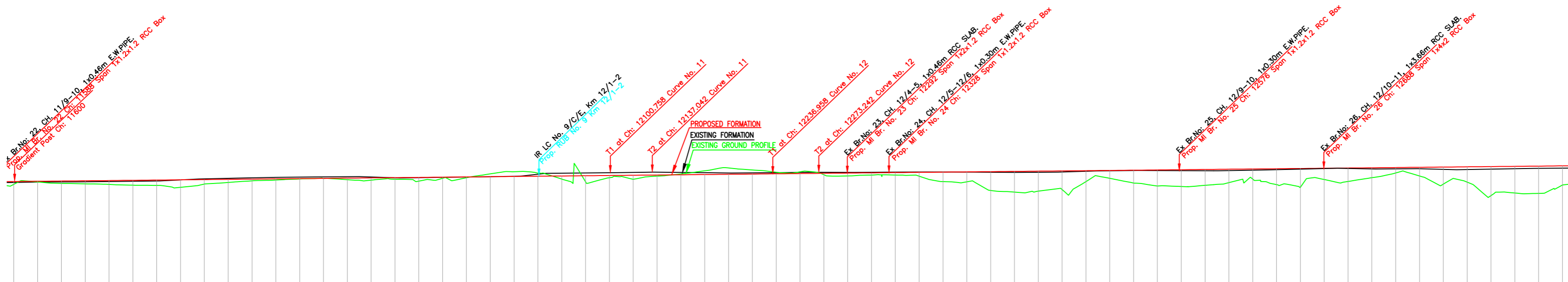
Gradient	Level		Rise 1 in 1559		Rise 1 in 1559		Rise 1 in 1559																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Vertical Alignment																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
HORIZONTAL ALIGNMENT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	11.10	11.10	11.12	11.14	11.16	11.17	11.19	11.20	11.22	11.24	11.26	11.28	11.30	11.33	11.36	11.38	11.40	11.43	11.45	11.48	11.51	11.55	11.58	11.62	11.65	11.69	12.07	12.52	12.86	13.40	13.84	14.22	14.70	15.32	15.34	15.35	15.37	15.42	15.54	15.56	15.50	15.45	15.43	15.41	15.42	15.44	15.45	15.46	15.47	15.46	15.51	15.55	15.62	15.75	15.88	16.01	16.13	16.23	16.29	16.30	16.27	16.25	16.21	16.19	16.18	16.16	16.14	16.14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Cut(-)/Fill(+)(m)	1.306	0.903	0.904	0.61	-0.02	0.09	0.29	0.43	0.32	0.48	0.27	0.33	0.29	0.36	0.26	0.39	0.53	0.29	0.47	0.68	-0.06	-0.24	-0.13	0.24	0.28	0.21	0.20	0.36	0.57	0.87	1.16	1.46	1.76	1.94	2.17	2.34	2.57	2.87	3.16	3.46	3.76	4.06	4.36	4.66	4.96	5.26	5.56	5.86	6.16	6.46	6.76	7.06	7.36	7.66	7.96	8.26	8.56	8.86	9.16	9.46	9.76	10.06	10.36	10.66	10.96	11.26	11.56	11.86	12.16	12.46	12.76	13.06	13.36	13.66	13.96	14.26	14.56	14.86	15.16	15.46	15.76	16.06	16.36	16.66	16.96	17.26	17.56	17.86	18.16	18.46	18.76	19.06	19.36	19.66	19.96	20.26	20.56	20.86	21.16	21.46	21.76	22.06	22.36	22.66	22.96	23.26	23.56	23.86	24.16	24.46	24.76	25.06	25.36	25.66	25.96	26.26	26.56	26.86	27.16	27.46	27.76	28.06	28.36	28.66	28.96	29.26	29.56	29.86	30.16	30.46	30.76	31.06	31.36	31.66	31.96	32.26	32.56	32.86	33.16	33.46	33.76	34.06	34.36	34.66	34.96	35.26	35.56	35.86	36.16	36.46	36.76	37.06	37.36	37.66	37.96	38.26	38.56	38.86	39.16	39.46	39.76	40.06	40.36	40.66	40.96	41.26	41.56	41.86	42.16	42.46	42.76	43.06	43.36	43.66	43.96	44.26	44.56	44.86	45.16	45.46	45.76	46.06	46.36	46.66	46.96	47.26	47.56	47.86	48.16	48.46	48.76	49.06	49.36	49.66	49.96	50.26	50.56	50.86	51.16	51.46	51.76	52.06	52.36	52.66	52.96	53.26	53.56	53.86	54.16	54.46	54.76	55.06	55.36	55.66	55.96	56.26	56.56	56.86	57.16	57.46	57.76	58.06	58.36	58.66	58.96	59.26	59.56	59.86	60.16	60.46	60.76	61.06	61.36	61.66	61.96	62.26	62.56	62.86	63.16	63.46	63.76	64.06	64.36	64.66	64.96	65.26	65.56	65.86	66.16	66.46	66.76	67.06	67.36	67.66	67.96	68.26	68.56	68.86	69.16	69.46	69.76	70.06	70.36	70.66	70.96	71.26	71.56	71.86	72.16	72.46	72.76	73.06	73.36	73.66	73.96	74.26	74.56	74.86	75.16	75.46	75.76	76.06	76.36	76.66	76.96	77.26	77.56	77.86	78.16	78.46	78.76	79.06	79.36	79.66	79.96	80.26	80.56	80.86	81.16	81.46	81.76	82.06	82.36	82.66	82.96	83.26	83.56	83.86	84.16	84.46	84.76	85.06	85.36	85.66	85.96	86.26	86.56	86.86	87.16	87.46	87.76	88.06	88.36	88.66	88.96	89.26	89.56	89.86	90.16	90.46	90.76	91.06	91.36	91.66	91.96	92.26	92.56	92.86	93.16	93.46	93.76	94.06	94.36	94.66	94.96	95.26	95.56	95.86	96.16	96.46	96.76	97.06	97.36	97.66	97.96	98.26	98.56	98.86	99.16	99.46	99.76	100.06	100.36	100.66	100.96	101.26	101.56	101.86	102.16	102.46	102.76	103.06	103.36	103.66	103.96	104.26	104.56	104.86	105.16	105.46	105.76	106.06	106.36	106.66	106.96	107.26	107.56	107.86	108.16	108.46	108.76	109.06	109.36	109.66	109.96	110.26	110.56	110.86	111.16	111.46	111.76	112.06	112.36	112.66	112.96	113.26	113.56	113.86	114.16	114.46	114.76	115.06	115.36	115.66	115.96	116.26	116.56	116.86	117.16	117.46	117.76	118.06	118.36	118.66	118.96	119.26	119.56	119.86	120.16	120.46	120.76	121.06	121.36	121.66	121.96	122.26	122.56	122.86	123.16	123.46	123.76	124.06	124.36	124.66	124.96	125.26	125.56	125.86	126.16	126.46	126.76	127.06	127.36	127.66	127.96	128.26	128.56	128.86	129.16	129.46	129.76	130.06	130.36	130.66	130.96	131.26	131.56	131.86	132.16	132.46	132.76	133.06	133.36	133.66	133.96	134.26	134.56	134.86	135.16	135.46	135.76	136.06	136.36	136.66	136.96	137.26	137.56	137.86	138.16	138.46	138.76	139.06	139.36	139.66	139.96	140.26	140.56	140.86	141.16	141.46	141.76	142.06	142.36	142.66	142.96	143.26	143.56	143.86	144.16	144.46	144.76	145.06	145.36	145.66	145.96	146.26	146.56	146.86	147.16	147.46	147.76	148.06	148.36	148.66	148.96	149.26	149.56	149.86	150.16	150.46	150.76	151.06	151.36	151.66	151.96	152.26	152.56	152.86	153.16	153.46	153.76	154.06	154.36	154.66	154.96	155.26	155.56	155.86	156.16	156.46	156.76	157.06	157.36	157.66	157.96	158.26	158.56	158.86	159.16	159.46	159.76	160.06	160.36	160.66	160.96	161.26	161.56	161.86	162.16	162.46	162.76	163.06	163.36	163.66	163.96	164.26	164.56	164.86	165.16	165.46	165.76	166.06	166.36	166.66	166.96	167.26	167.56	167.86	168.16	168.46	168.76	169.06	169.36	169.66	169.96	170.26	170.56	170.86	171.16	171.46	171.76	172.06	172.36	172.66	172.96	173.26	173.56	173.86	174.16	174.46	174.76	175.06	175.36	175.66	175.96	176.26	176.56	176.86	177.16	177.46	177.76	178.06	178.36	178.66	178.96	179.26	179.56	179.86	180.16	180.46	180.76	181.06	181.36	181.66	181.96	182.26	182.56	182.86	183.16	183.46	183.76	184.06	184.36	184.66	184.96	185.26	185.56	185.86	186.16	186.46	186.76	187.06	187.36	187.66	187.96	188.26	188.56	188.86	189.16	189.46	189.76	190.06	190.36	190.66	190.96	191.26	191.56	191.86	192.16	192.46	192.76	193.06	193.36	193.66	193.96	194.26	194.56	194.86	195.16	195.46	195.76	196.06	196.36	196.66	196.96	197.26	197.56	197.86	198.16	198.46	198.76	199.06	199.36	199.66	199.96	200.26	200.56	200.86	201.16	201.46	201.76	202.06	202.36	202.66	202.96	203.26	203.56	203.86	204.16	204.46	204.76	205.06	205.36	205.66	205.96	206.26	206.56	206.86	207.16	207.46	207.76	208.06	208.36	208.66	208.96	209.26	209.56	209.86	210.16	210.46	210.76	211.06	211.36	211.66	211.96	212.26	212.56	212.86	213.16	213.46	213.76	214.06	214.36	214.66	214.96	215.26	215.56	215.86	216.16	216.46	216.76	217.06	217.36	217.66	217.96	218.26	218.56	218.86	219.16	219.46	219.76	220.06	220.36	220.66	220.96	221.26	221.56	221.86	222.16	222.46	222.76	223.06	223.36	223.66	223.96	224.26	224.56	224.86	225.16	225.46	225.76	226.06	226.36	226.66	226.96	227.26	227.56	227.86	228.16	228.46	228.76	229.06	229.36	229.66	229.96	230.26	230.56	230.86	231.16	231.46	231.76	232.06	232.36	232.66	232.96	233.26	233.56	233.86	234.16	234.46	234.76	235.06	235.36	235.66	235.96	236.26	236.56	236.86	237.16	237.46	237.76	238.06	238.36	238.66	238.96	239.26	239.56	239.86	240.16	240.46	240.76	241.06	241.36	241.66	241.96	242.26	242.56	242.86	243.16	243.46	243.76	244.06	244.36	244.66	244.96	245.26	245.56	245.86	246.16	246.46	246.76	247.06	247.36	247.66	247.96	248.26	248.56	248.86	249.16	249.46	249.76	250.06	250.36	250.66	250.96	251.26	251.56	251.86	252.16	252.46	252.76	253.06	253.36	253.66	253.96	254.26	254.56	254.86	255.16	255.46	255.76	256.06	256.36	256.66	256.96	257.26	257.56	257.86	258.16	258.46	258.76	259.06	259.36	259.66	259.96	260.26	260.56	260.86	261.16	261.46	261.76	262.06	262.36	262.66	262.96	263.26	263.56	263.86	264.16	264.46	264.76	265.06	265.36	265.66	265.96	266.26	266.56	266.86	267.16	267.46	267.76	268.06	268.36	268.66	268.96	269.26	269.56	269.86	270.16	270.46	270.76	271.06	271.36	271.66	271.96	272.26	272.56	272.86	273.16	273.46	273.76	274.06	274.36	274.66	274.96	275.26	275.56	275.86	276.16	276.46	276.76	277.06	277.36	277.66	277.96	278.26	278.56	278.86	2



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 990		Rise 1 in 990		Rise 1 in 990		Rise 1 in
Vertical Alignment	[Vertical alignment line]						
HORIZONTAL ALIGNMENT	[Horizontal alignment line]						
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	16.25	16.21	16.19	16.18	16.16	16.14	16.12
Cut(-)/Fill(+)(m)	-0.060	0.129	0.217	0.276	0.368	0.424	0.513
Proposed F.L (m)	198.301	198.371	198.341	198.302	198.332	198.402	198.472
EXISTING F.L (m)	198.213	198.242	198.250	198.266	198.292	198.354	198.424
Ground Level (m)	198.361	198.192	198.124	198.086	198.014	197.978	197.909
Chainage (m)	11600	11620	11640	11660	11680	11700	11720
11740	11760	11780	11800	11820	11840	11860	11880
11900	11920	11940	11960	11980	12000	12020	12040
12060	12080	12100	12120	12140	12160	12180	12200
12220	12240	12260	12280	12300	12320	12340	12360
12380	12400	12420	12440	12460	12480	12500	12520
12540	12560	12580	12600	12620	12640	12660	12680
12700	12720	12740	12760	12780	12800	12820	12840
12860	12880	12900					

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

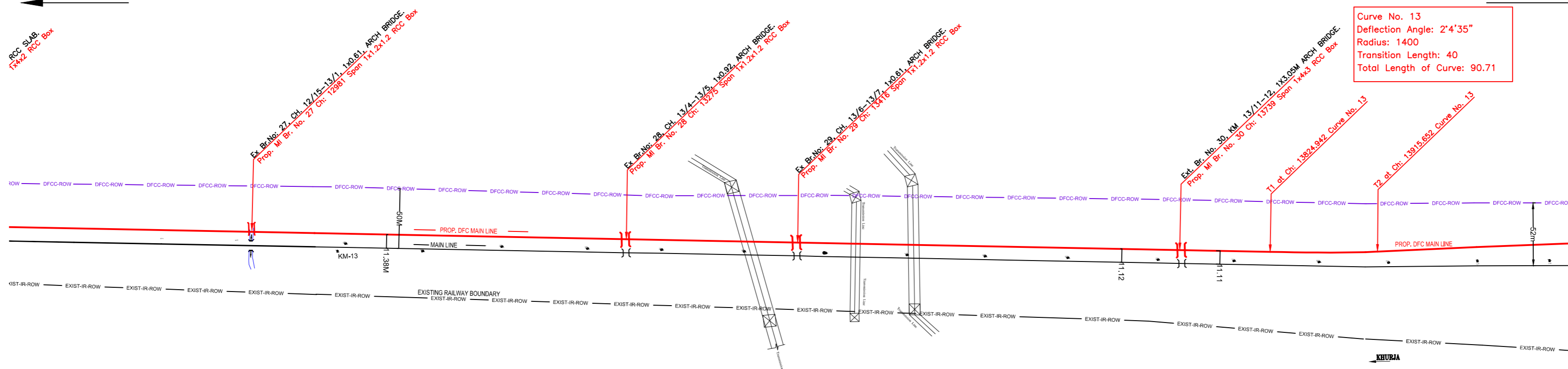
TITLE: PLAN AND PROFILE (Ch: 11700 to Ch: 12900)

SCALE: SURVEY BY: DRAWING NO. GENERAL CONSULTANT: **AECOM** AECOM Asia Co. Ltd. 5th Floor, Embassy Tower C DLF Cyber City Gurgaon, Haryana, India.

KHURJA

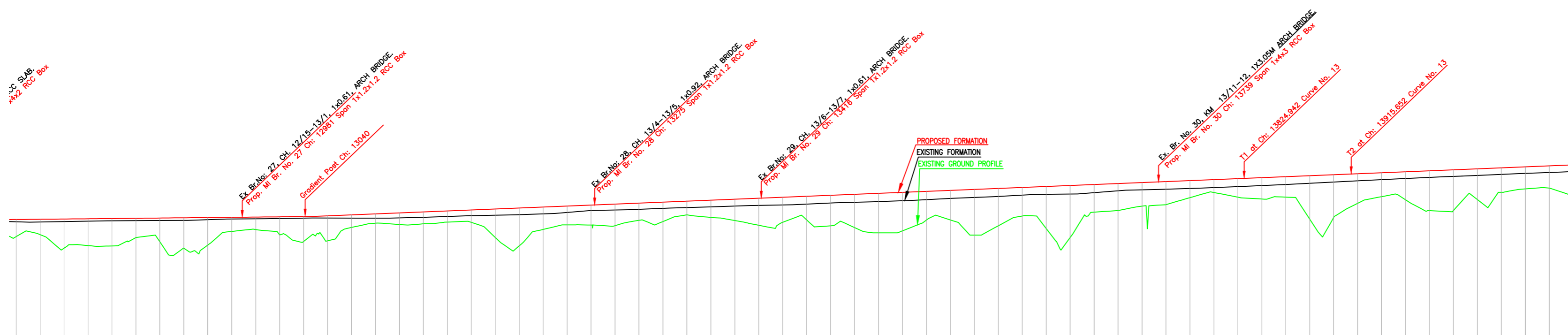
PILKHANI

PROJECT SHEET NO. 16



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

PLAN



LEGEND	
EXIST. IR TRACK	
PROP. DFC 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	

Chainage (m)	Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	Cut(-)/Fill(+)(m)	Proposed F.L (m)	EXISTING F.L (m)	Ground Level (m)
12800	11.64	1.019	199.513	199.284	198.484
12820	11.63	1.085	199.533	199.302	197.848
12840	11.63	2.147	199.553	199.337	197.406
12860	11.62	2.305	199.573	199.372	197.268
12880	11.61	2.167	199.593	199.395	197.428
12900	11.61	1.526	199.614	199.410	198.068
12920	11.60	3.067	199.634	199.418	198.567
12940	11.57	2.821	199.654	199.437	198.833
12960	11.55	1.707	199.674	199.509	197.967
12980	11.52	1.108	199.694	199.549	198.586
13000	11.49	1.141	199.715	199.565	198.574
13020	11.47	1.668	199.735	199.596	198.067
13040	11.44	1.513	199.755	199.627	198.242
13060	11.42	1.870	199.833	199.617	197.967
13080	11.40	0.822	199.919	199.608	198.997
13100	11.37	0.818	200.001	199.614	199.183
13120	11.36	1.040	200.083	199.651	199.043
13140	11.35	0.998	200.164	199.704	199.166
13160	11.35	0.927	200.246	199.770	199.319
13180	11.34	1.301	200.328	199.826	199.027
13200	11.33	3.011	200.410	199.870	197.399
13220	11.32	2.459	200.492	200.028	198.033
13240	11.31	1.728	200.574	200.090	198.846
13260	11.32	1.595	200.656	200.140	199.061
13280	11.37	1.724	200.738	200.262	199.014
13300	11.28	1.615	200.820	200.308	199.205
13320	11.17	1.611	200.901	200.380	199.290
13340	11.15	1.353	200.983	200.467	199.630
13360	11.13	1.272	201.065	200.512	199.793
13380	11.11	1.516	201.147	200.571	199.631
13400	11.09	1.938	201.229	200.637	199.291
13420	11.07	2.426	201.311	200.685	198.885
13440	11.15	1.849	201.393	200.728	199.544
13460	11.24	2.588	201.475	200.815	198.887
13480	11.22	2.258	201.557	200.899	199.299
13500	11.20	3.129	201.639	200.985	198.509
13520	11.18	3.330	201.720	201.021	198.390
13540	11.17	2.960	201.802	201.095	198.842
13560	11.18	2.040	201.884	201.163	199.844
13580	11.19	2.771	201.966	201.288	199.195
13600	11.21	3.771	202.048	201.364	198.277
13620	11.20	2.757	202.130	201.459	199.375
13640	11.18	2.396	202.212	201.570	199.816
13660	11.16	4.477	202.294	202.294	197.817
13680	11.14	3.263	202.375	202.635	199.112
13700	11.12	2.291	202.457	202.783	200.166
13720	11.11	2.147	202.539	201.947	200.392
13740	11.12	1.959	202.621	201.987	200.662
13760	11.12	1.747	202.703	202.046	200.956
13780	11.11	1.251	202.785	202.114	201.534
13800	11.10	1.247	202.867	202.191	201.620
13820	11.10	1.684	202.949	202.272	201.295
13840	11.11	1.735	203.030	202.361	201.295
13860	11.22	1.762	203.112	203.112	201.350
13880	11.58	4.755	203.194	202.554	198.439
13900	12.17	3.105	203.276	202.655	200.171
13920	12.88	2.193	203.358	202.755	201.165
13940	13.60	1.889	203.440	202.855	201.551
13960	14.32	2.802	203.522	202.951	200.720
13980	15.04	3.393	203.604	203.043	200.211
14000	15.76	2.641	203.686	203.126	201.045
14020	16.48	3.163	203.767	203.205	200.604
14040	17.20	1.965	203.849	203.283	201.884
14060	17.91	1.812	203.931	203.369	202.119
14080	18.63	2.115	204.013	203.441	201.898
14100	19.35	2.972	204.095	203.531	201.123

L-SECTION

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: 12900 to Ch: 14100)

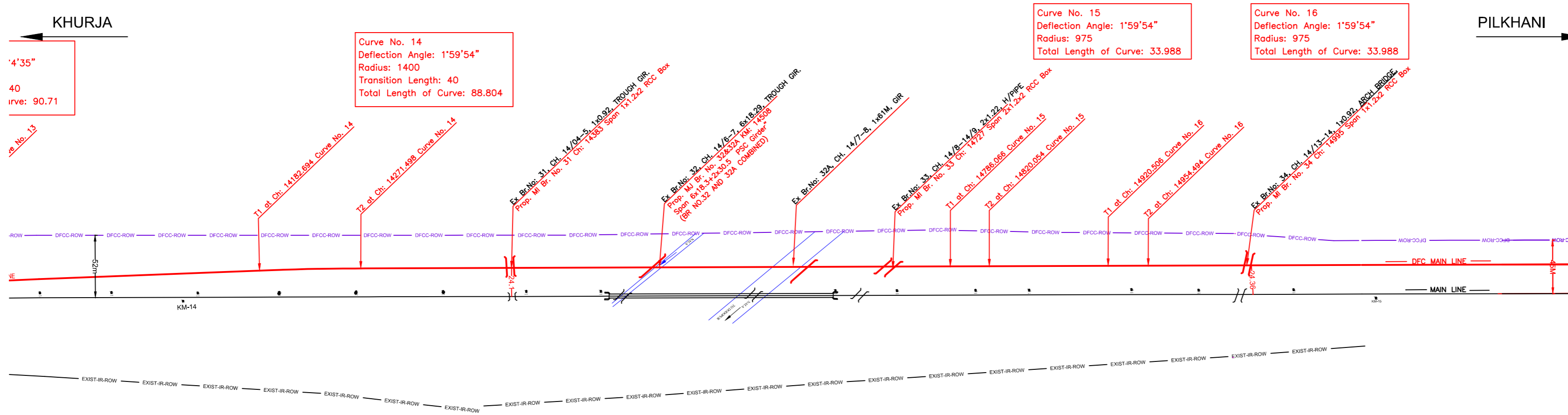
SCALE: DRAWING NO. _____

SURVEY BY: GENERAL CONSULTANT
AECOM
AECOM Asia Co. Ltd.
S/O: FLOOR, ANANDY TOWER C DLF GROUND CITY
D/F PHASE II GATEWAY 122000, NEW

KHURJA

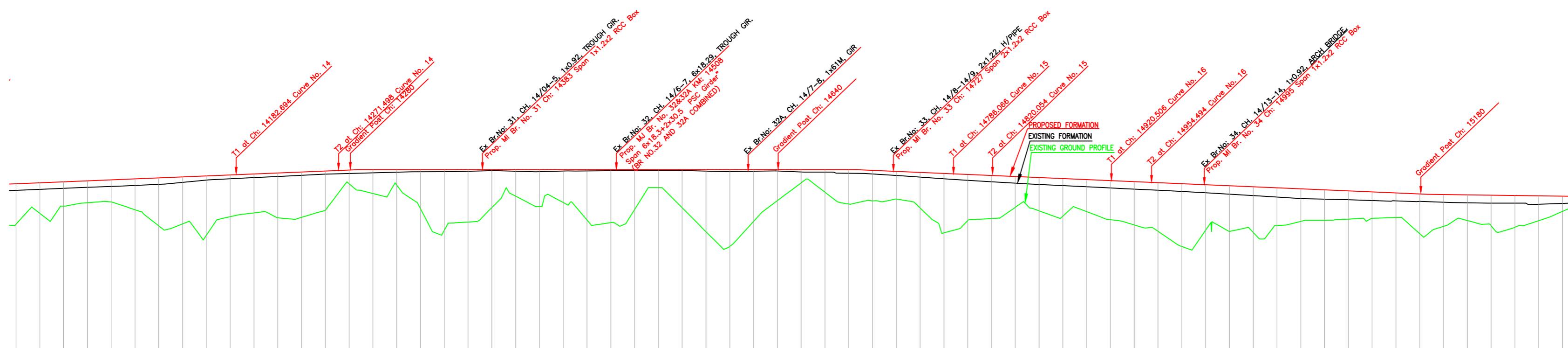
PILKHANI

PROJECT SHEET NO. 17



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 244		Level		Fall 1 in 261	
Vertical Alignment						
HORIZONTAL ALIGNMENT						
Dist. Between Existing Main Track & Proposed Adjacent Track of DFCC	15.76	15.76	15.76	15.76	15.76	15.76
Cut(-)/Fill(+)(m)	2.641	3.163	1.865	1.812	2.115	18.63
Proposed F.L (m)	203.686	203.767	203.849	203.931	204.013	204.095
EXISTING F.L (m)	201.045	203.205	203.849	204.013	204.095	204.259
Ground Level (m)	201.045	203.205	203.849	204.013	204.095	204.259
Chainage (m)	14000	14020	14040	14060	14080	14100

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)

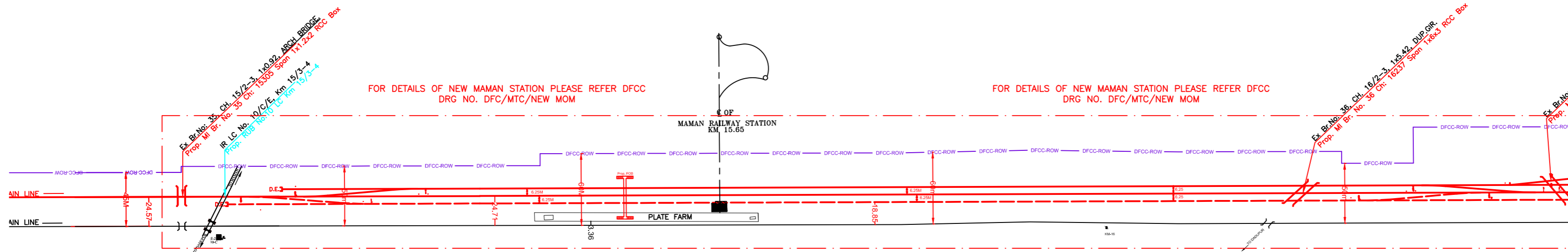
EASTERN CORRIDOR

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

CONTRACT PACKAGE - 303

TITLE: PLAN AND PROFILE (Ch: 14100 to Ch: 15300)

SCALE: DRAWING NO. GENERAL CONSULTANT
AECOM AECOM Asia Co. Ltd.
5th Floor, Embassy Tower C DLF Cyber City
DLF Phase II Gurgaon 122002, India

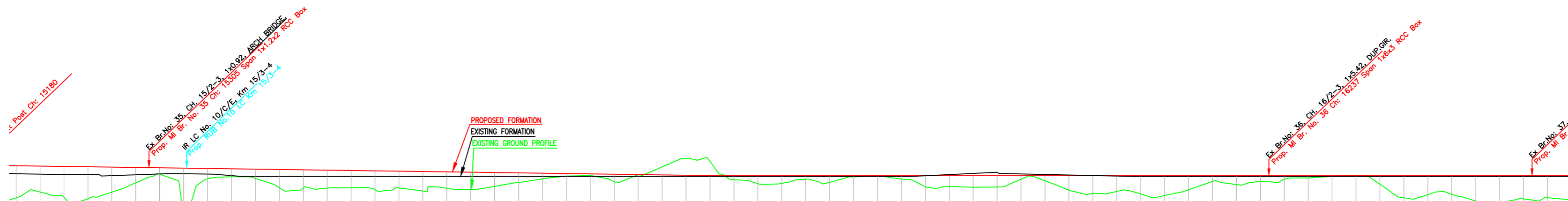


FOR DETAILS OF NEW MAMAN STATION PLEASE REFER DFCC DRG NO. DFC/MTC/NEW MOM

FOR DETAILS OF NEW MAMAN STATION PLEASE REFER DFCC DRG NO. DFC/MTC/NEW MOM

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

PLAN



Gradient	Fall 1 in 3024		Fall 1 in 3024		Fall 1 in 3024		Fall 1 in 3024	
Vertical Alignment								
HORIZONTAL ALIGNMENT								
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	24.98	24.98	24.98	24.98	24.98	24.98	24.98	24.98
Cut(-)/Fill(+)(m)	2.316	2.378	3.142	2.601	1.938	1.078	0.817	2.724
Proposed F.L (m)	202.755	202.749	202.742	202.739	202.729	202.722	202.716	202.709
EXISTING F.L (m)	202.085	202.036	202.022	202.026	202.028	202.028	202.028	202.028
Ground Level (m)	200.439	200.371	198.600	200.135	200.791	201.644	202.017	202.722
Chainage (m)	15200	15220	15240	15260	15280	15300	15320	15340

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

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

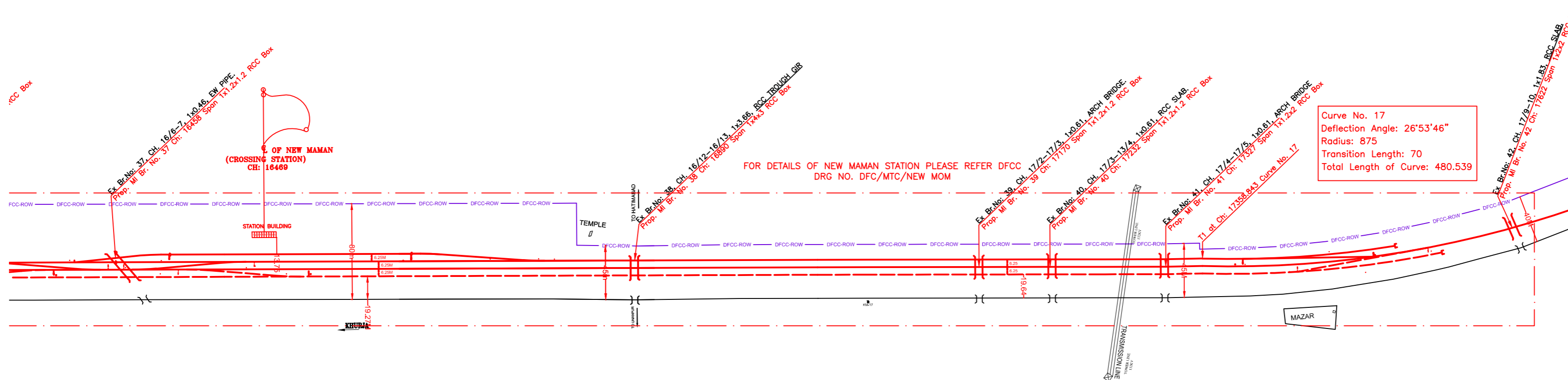
EASTERN CORRIDOR

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

CONTRACT PACKAGE - 303

TITLE: PLAN AND PROFILE (Ch: 15300 to Ch: 16500)

SCALE: SURVEY BY: DRAWING NO. GENERAL CONSULTANT
AECOM AECOM Asia Co. Ltd.
5th FLOOR, ANAND TOWER C DLF GROUND FLOOR, 132002, NEW DELHI

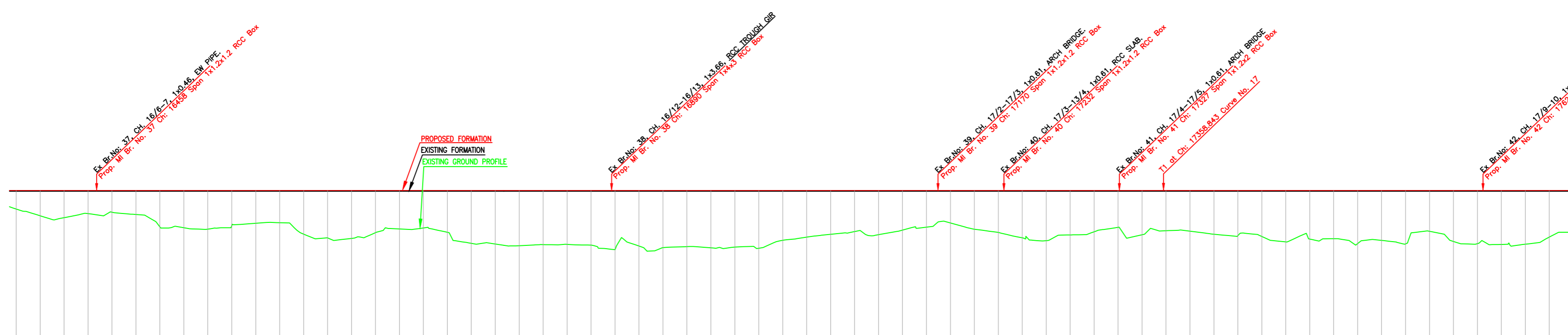


PLAN

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	Fall 1 in 3024
Vertical Alignment	
HORIZONTAL ALIGNMENT	
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	23.48
Cut(-)/Fill(+)(m)	23.48
Proposed F.L (m)	202.309
EXISTING F.L (m)	201.849
Ground Level (m)	200.185
Chainage (m)	16400

INDICATIVE DRAWING

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

EASTERN CORRIDOR

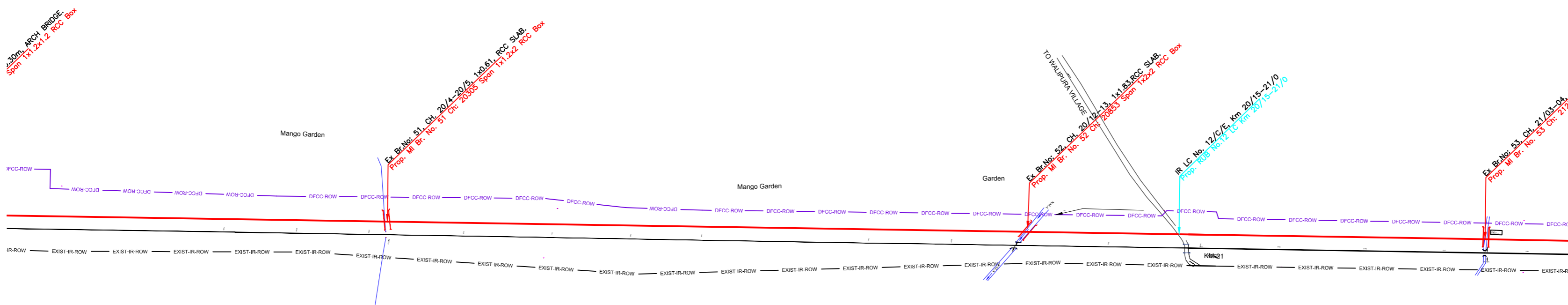
PROJECT
KHURJA TO PILKHANI
From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

CONTRACT PACKAGE - 303

TITLE
PLAN AND PROFILE (Ch: 16500 to Ch: 17700)

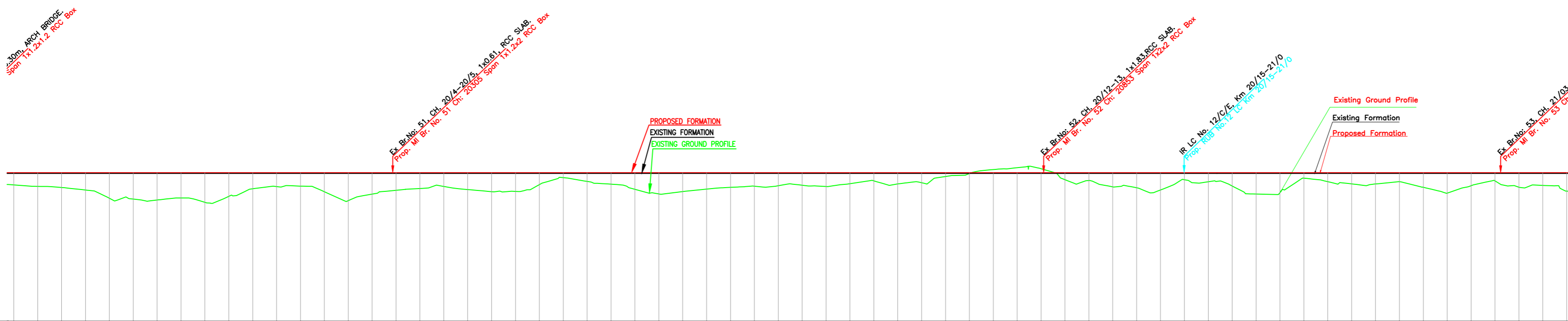
SCALE
DRAWING NO.

SURVEY BY
GENERAL CONSULTANT
AECOM
AECOM Asia Co. Ltd.
5th Floor, Unitary Tower C DLF Cyber City
DLF Phase II Gurgaon 122002, India



PLAN

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



Gradient	Level				
	20000	20100	20200	20300	20400
Dist. Between Existing Main Track & Proposed Adjacent Track of DFCC	10.87	10.87	10.87	10.87	10.87
Cut(-)/Fill(+)(m)	1.077	1.149	1.308	1.520	1.872
Proposed F.L (m)	200.845	201.849	202.849	203.849	204.849
EXISTING F.L (m)	200.773	201.704	202.536	203.321	204.077
Ground Level (m)	200.773	201.704	202.536	203.321	204.077
Chainage (m)	20000	20100	20200	20300	20400

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

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

EASTERN CORRIDOR

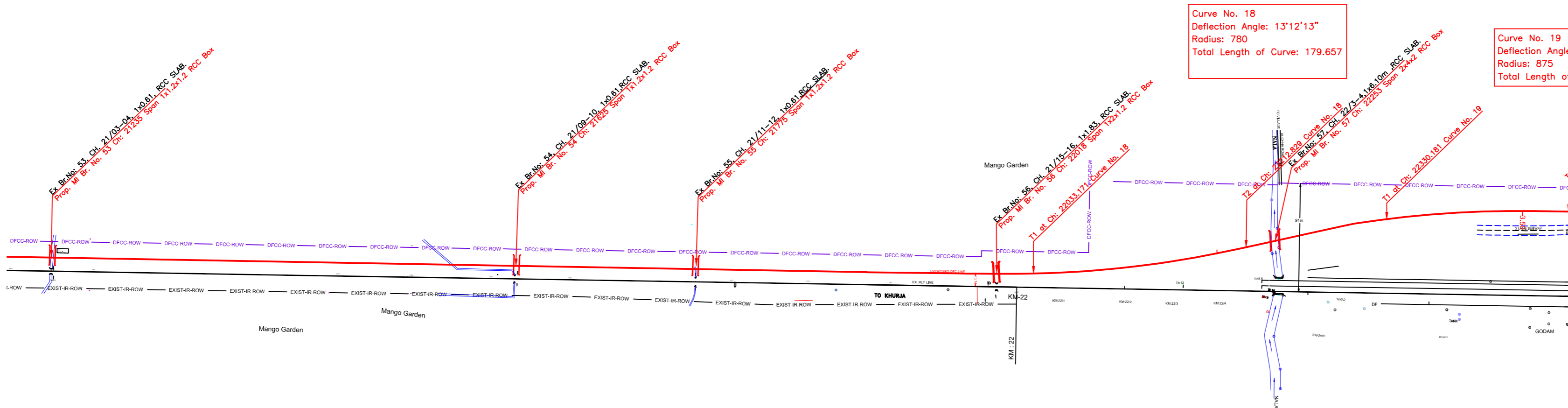
PROJECT
KHURJA TO PILKHANI
From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

CONTRACT PACKAGE - 303

TITLE
PLAN AND PROFILE (Ch: 20100 to Ch: 21300)

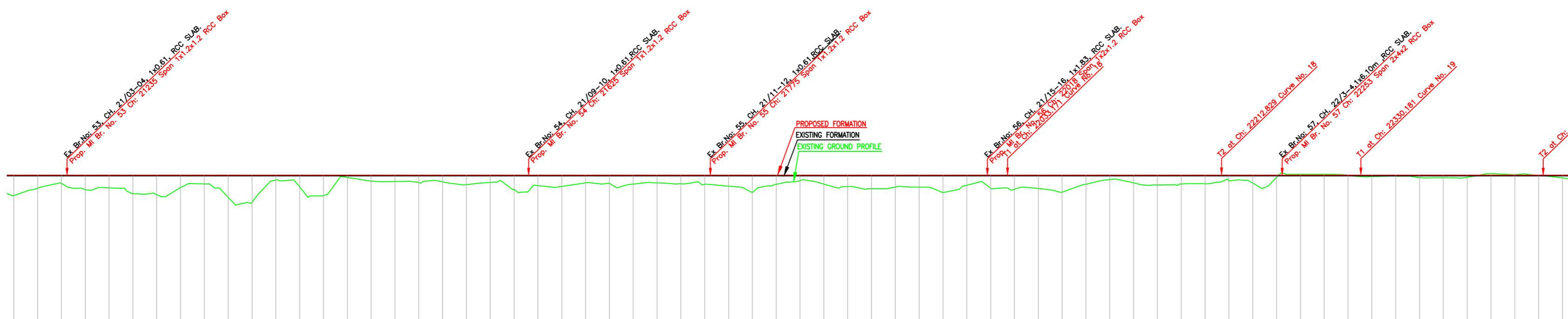
SCALE
DRAWING NO.

SURVEY BY
GENERAL CONSULTANT
AECOM
AECOM Asia Co. Ltd.
5th Floor, Embassy Tower C DLF Cyber City
DLF Phase II Gurgaon 122002, India



PLAN PLAN

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



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	

Gradient	Level		Level		Level		Level			
	Proposed F.L (m)	Existing F.L (m)	Proposed F.L (m)	Existing F.L (m)	Proposed F.L (m)	Existing F.L (m)	Proposed F.L (m)	Existing F.L (m)		
21200	200.459	201.849	201.922	1.463	11.54	200.459	201.849	201.922	1.463	11.54
21220	201.020	201.849	201.922	0.902	11.55	201.020	201.849	201.922	0.902	11.55
21240	200.880	201.849	201.922	1.042	11.55	200.880	201.849	201.922	1.042	11.55
21260	200.740	201.849	201.922	1.182	11.58	200.740	201.849	201.922	1.182	11.58
21280	200.600	201.849	201.922	1.322	11.60	200.600	201.849	201.922	1.322	11.60
21300	200.460	201.849	201.922	1.462	11.62	200.460	201.849	201.922	1.462	11.62
21320	200.320	201.849	201.922	1.602	11.64	200.320	201.849	201.922	1.602	11.64
21340	200.180	201.849	201.922	1.742	11.67	200.180	201.849	201.922	1.742	11.67
21360	200.040	201.849	201.922	1.882	11.63	200.040	201.849	201.922	1.882	11.63
21380	199.900	201.849	201.922	2.022	11.71	199.900	201.849	201.922	2.022	11.71
21400	199.760	201.849	201.922	2.162	11.74	199.760	201.849	201.922	2.162	11.74
21420	199.620	201.849	201.922	2.302	11.76	199.620	201.849	201.922	2.302	11.76
21440	199.480	201.849	201.922	2.442	11.78	199.480	201.849	201.922	2.442	11.78
21460	199.340	201.849	201.922	2.582	11.79	199.340	201.849	201.922	2.582	11.79
21480	199.200	201.849	201.922	2.722	11.80	199.200	201.849	201.922	2.722	11.80
21500	199.060	201.849	201.922	2.862	11.81	199.060	201.849	201.922	2.862	11.81
21520	198.920	201.849	201.922	3.002	11.81	198.920	201.849	201.922	3.002	11.81
21540	198.780	201.849	201.922	3.142	11.82	198.780	201.849	201.922	3.142	11.82
21560	198.640	201.849	201.922	3.282	11.82	198.640	201.849	201.922	3.282	11.82
21580	198.500	201.849	201.922	3.422	11.83	198.500	201.849	201.922	3.422	11.83
21600	198.360	201.849	201.922	3.562	11.83	198.360	201.849	201.922	3.562	11.83
21620	198.220	201.849	201.922	3.702	11.83	198.220	201.849	201.922	3.702	11.83
21640	198.080	201.849	201.922	3.842	11.84	198.080	201.849	201.922	3.842	11.84
21660	197.940	201.849	201.922	3.982	11.84	197.940	201.849	201.922	3.982	11.84
21680	197.800	201.849	201.922	4.122	11.85	197.800	201.849	201.922	4.122	11.85
21700	197.660	201.849	201.922	4.262	10.80	197.660	201.849	201.922	4.262	10.80
21720	197.520	201.849	201.922	4.402	10.77	197.520	201.849	201.922	4.402	10.77
21740	197.380	201.849	201.922	4.542	10.73	197.380	201.849	201.922	4.542	10.73
21760	197.240	201.849	201.922	4.682	10.70	197.240	201.849	201.922	4.682	10.70
21780	197.100	201.849	201.922	4.822	10.68	197.100	201.849	201.922	4.822	10.68
21800	196.960	201.849	201.922	4.962	10.82	196.960	201.849	201.922	4.962	10.82
21820	196.820	201.849	201.922	5.102	10.59	196.820	201.849	201.922	5.102	10.59
21840	196.680	201.849	201.922	5.242	10.55	196.680	201.849	201.922	5.242	10.55
21860	196.540	201.849	201.922	5.382	10.52	196.540	201.849	201.922	5.382	10.52
21880	196.400	201.849	201.922	5.522	10.50	196.400	201.849	201.922	5.522	10.50
21900	196.260	201.849	201.922	5.662	10.47	196.260	201.849	201.922	5.662	10.47
21920	196.120	201.849	201.922	5.802	10.43	196.120	201.849	201.922	5.802	10.43
21940	195.980	201.849	201.922	5.942	10.47	195.980	201.849	201.922	5.942	10.47
21960	195.840	201.849	201.922	6.082	10.54	195.840	201.849	201.922	6.082	10.54
21980	195.700	201.849	201.922	6.222	10.61	195.700	201.849	201.922	6.222	10.61
22000	195.560	201.849	201.922	6.362	10.68	195.560	201.849	201.922	6.362	10.68
22020	195.420	201.849	201.922	6.502	10.76	195.420	201.849	201.922	6.502	10.76
22040	195.280	201.849	201.922	6.642	10.58	195.280	201.849	201.922	6.642	10.58
22060	195.140	201.849	201.922	6.782	11.44	195.140	201.849	201.922	6.782	11.44
22080	195.000	201.849	201.922	6.922	12.30	195.000	201.849	201.922	6.922	12.30
22100	194.860	201.849	201.922	7.062	13.57	194.860	201.849	201.922	7.062	13.57
22120	194.720	201.849	201.922	7.202	15.33	194.720	201.849	201.922	7.202	15.33
22140	194.580	201.849	201.922	7.342	17.55	194.580	201.849	201.922	7.342	17.55
22160	194.440	201.849	201.922	7.482	20.25	194.440	201.849	201.922	7.482	20.25
22180	194.300	201.849	201.922	7.622	23.42	194.300	201.849	201.922	7.622	23.42
22200	194.160	201.849	201.922	7.762	27.07	194.160	201.849	201.922	7.762	27.07
22220	194.020	201.849	201.922	7.902	31.19	194.020	201.849	201.922	7.902	31.19
22240	193.880	201.849	201.922	8.042	35.69	193.880	201.849	201.922	8.042	35.69
22260	193.740	201.849	201.922	8.182	40.40	193.740	201.849	201.922	8.182	40.40
22280	193.600	201.849	201.922	8.322	45.19	193.600	201.849	201.922	8.322	45.19
22300	193.460	201.849	201.922	8.462	49.98	193.460	201.849	201.922	8.462	49.98
22320	193.320	201.849	201.922	8.602	54.73	193.320	201.849	201.922	8.602	54.73
22340	193.180	201.849	201.922	8.742	59.00	193.180	201.849	201.922	8.742	59.00
22360	193.040	201.849	201.922	8.882	62.13	193.040	201.849	201.922	8.882	62.13
22380	192.900	201.849	201.922	9.022	64.77	192.900	201.849	201.922	9.022	64.77
22400	192.760	201.849	201.922	9.162	66.95	192.760	201.849	201.922	9.162	66.95
22420	192.620	201.849	201.922	9.302	68.66	192.620	201.849	201.922	9.302	68.66
22440	192.480	201.849	201.922	9.442	69.91	192.480	201.849	201.922	9.442	69.91
22460	192.340	201.849	201.922	9.582	70.69	192.340	201.849	201.922	9.582	70.69
22480	192.200	201.849	201.922	9.722	71.02	192.200	201.849	201.922	9.722	71.02
22500	192.060	201.849	201.922	9.862	71.03	192.060	201.849	201.922	9.862	71.03

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: 21300 to Ch: 22500)

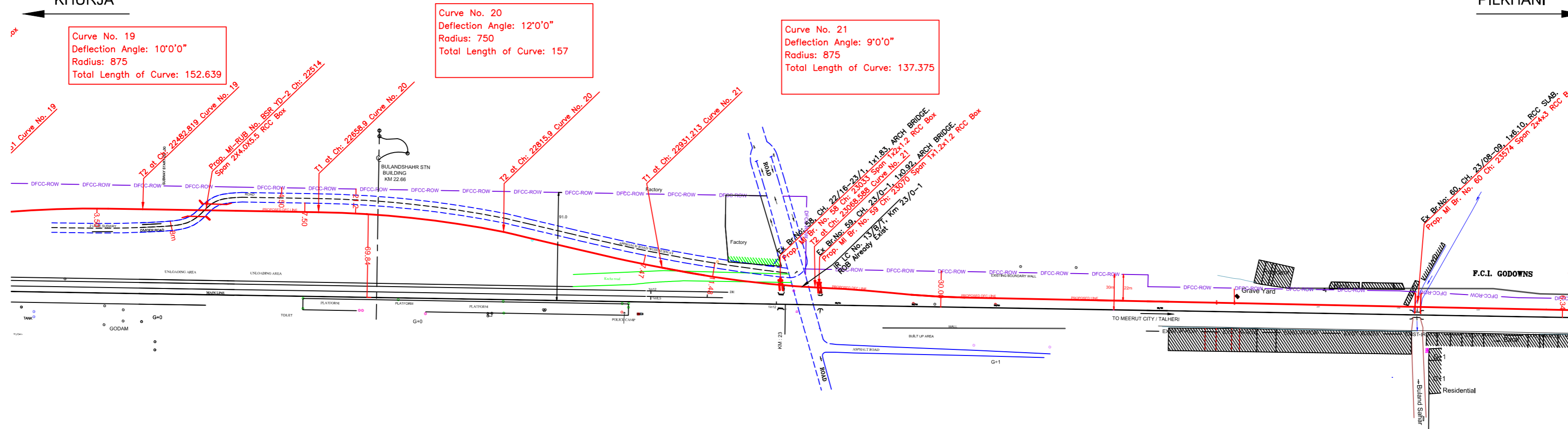
SCALE
DRAWING NO.

SURVEY BY
GENERAL CONSULTANT
AECOM
AECOM Asia Co. Ltd.
5th Floor, Gateway Tower C DLF Cyber City
DLF Phase II Gurgaon 122002, India

KHURJA

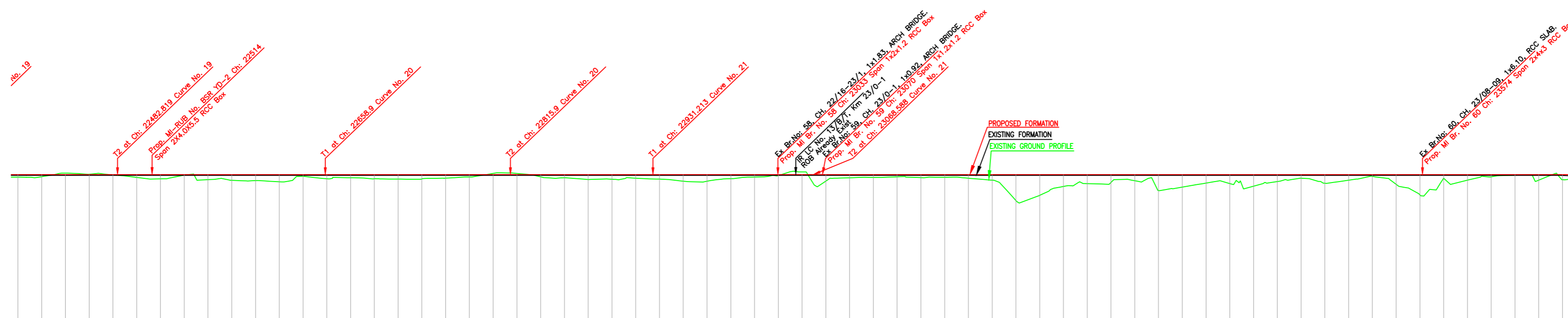
PILKHANI

PROJECT SHEET NO. 24



PLAN

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



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	

Gradient	Level		Level		Level		Level	
	Proposed F.L. (m)	Existing F.L. (m)	Proposed F.L. (m)	Existing F.L. (m)	Proposed F.L. (m)	Existing F.L. (m)	Proposed F.L. (m)	Existing F.L. (m)
22400	201.704	201.849	201.922	0.218	86.95			
22420	201.858	201.849	201.922	0.064	86.66			
22440	202.027	201.849	201.922	-0.105	89.91			
22460	202.030	201.849	201.922	-0.108	70.68			
22480	201.838	201.849	201.922	0.086	71.02			
22500	201.598	201.849	201.922	0.324	71.03			
22520	201.621	201.849	201.922	0.301	71.03			
22540	201.968	201.849	201.922	-0.046	71.03			
22560	201.551	201.849	201.922	0.371	71.03			
22580	201.417	201.849	201.922	0.505	71.02			
22600	201.394	201.849	201.922	0.528	71.02			
22620	201.364	201.849	201.922	0.558	71.02			
22640	201.706	201.849	201.922	0.216	71.02			
22660	201.688	201.849	201.922	0.234	71.02			
22680	201.648	201.849	201.922	0.274	70.83			
22700	201.557	201.849	201.922	0.365	70.18			
22720	201.542	201.849	201.922	0.380	89.07			
22740	201.614	201.849	201.922	0.308	87.51			
22760	201.666	201.849	201.922	0.256	85.48			
22780	201.808	201.849	201.922	0.114	82.99			
22800	202.074	201.849	201.922	-0.152	60.04			
22820	201.958	201.849	201.922	-0.036	56.54			
22840	201.648	201.849	201.922	0.273	82.19			
22860	201.611	201.849	201.922	0.311	47.83			
22880	201.536	201.849	201.922	0.386	43.43			
22900	201.522	201.849	201.922	0.400	39.18			
22920	201.583	201.849	201.922	0.339	35.08			
22940	201.514	201.849	201.922	0.408	31.28			
22960	201.325	201.849	201.922	0.597	27.87			
22980	201.482	201.849	201.922	0.440	24.33			
23000	201.655	201.849	201.922	0.267	81.67			
23020	201.737	201.849	201.922	0.185	19.24			
23040	202.074	201.849	201.922	-0.152	17.28			
23060	201.551	201.849	201.922	0.371	15.79			
23080	201.622	201.849	201.922	0.300	14.85			
23100	201.681	201.849	201.922	0.241	13.99			
23120	201.681	201.849	201.922	0.231	13.03			
23140	201.718	201.849	201.922	0.204	11.61			
23160	201.710	201.849	201.922	0.212	10.00			
23180	201.707	201.849	201.922	0.215	8.92			
23200	201.564	201.849	201.922	0.358	6.26			
23220	201.153	201.849	201.922	0.769	8.20			
23240	199.699	201.849	201.922	2.223	6.13			
23260	200.513	201.849	201.922	1.409	6.05			
23280	200.882	201.849	201.922	0.940	7.98			
23300	201.146	201.849	201.922	0.776	3.90			
23320	201.512	201.849	201.922	0.410	7.83			
23340	201.382	201.849	201.922	0.540	7.75			
23360	200.687	201.849	201.922	1.235	7.68			
23380	200.995	201.849	201.922	0.827	7.80			
23400	201.337	201.849	201.922	0.585	7.53			
23420	201.294	201.849	201.922	0.626	7.45			
23440	201.150	201.849	201.922	0.772	7.37			
23460	201.498	201.849	201.922	0.424	7.30			
23480	201.579	201.849	201.922	0.343	7.22			
23500	201.289	201.849	201.922	0.653	7.15			
23520	201.551	201.849	201.922	0.371	7.07			
23540	201.670	201.849	201.922	0.252	7.00			
23560	200.851	201.849	201.922	1.071	6.92			
23580	200.957	201.849	201.922	1.355	6.85			
23600	201.140	201.849	201.922	0.782	6.77			
23620	201.625	201.849	201.922	0.297	6.70			
23640	201.832	201.849	201.922	0.090	6.62			
23660	201.898	201.849	201.922	0.024	6.55			
23680	201.745	201.849	201.922	0.177	6.47			
23700	201.554	201.813	201.922	0.368	6.40			

INDICATIVE DRAWING

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

EASTERN CORRIDOR

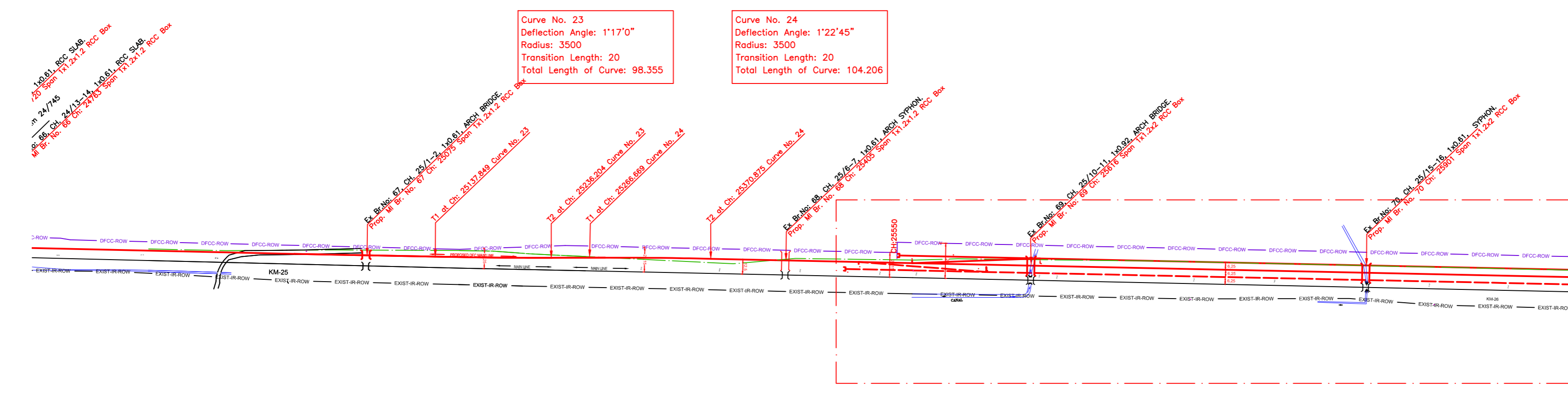
PROJECT
KHURJA TO PILKHANI
From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

CONTRACT PACKAGE - 303

TITLE
PLAN AND PROFILE (Ch: 22500 to Ch: 23700)

SCALE
DRAWING NO.

SURVEY BY
GENERAL CONSULTANT
AECOM
AECOM Asia Co. Ltd.
5th Floor, Jangra Tower C DLF Cyber City
DLF Phase II Gurgaon 122002, India

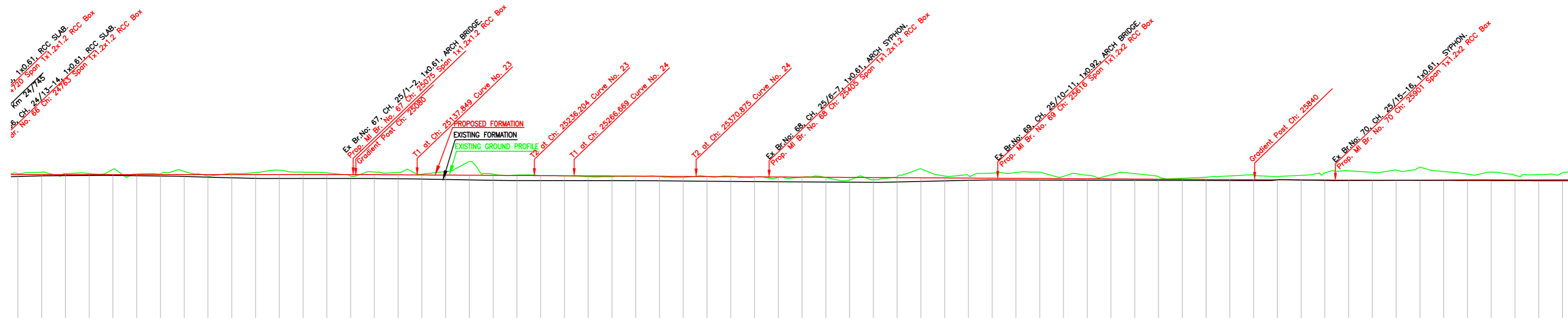


PLAN

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

LEGEND

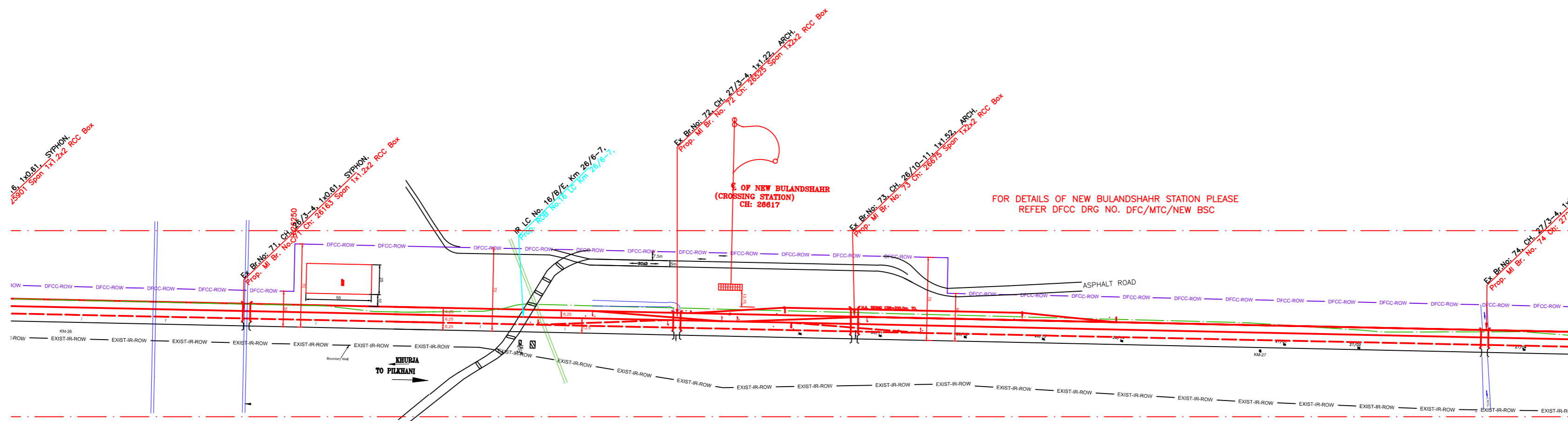
Legend table with 19 rows and 2 columns describing symbols for tracks, boundaries, structures, and utilities.



L-SECTION

Profile data table with 8 columns: Gradient, Vertical Alignment, Horizontal Alignment, Dist. Between Existing Main Track & Proposed Adjacent Track of DFC, Cut(-)/Fill(+)(m), Proposed F.L (m), EXISTING F.L (m), Ground Level (m), Chainage (m).

INDICATIVE DRAWING section with project details, including AECOM logo and contact information.

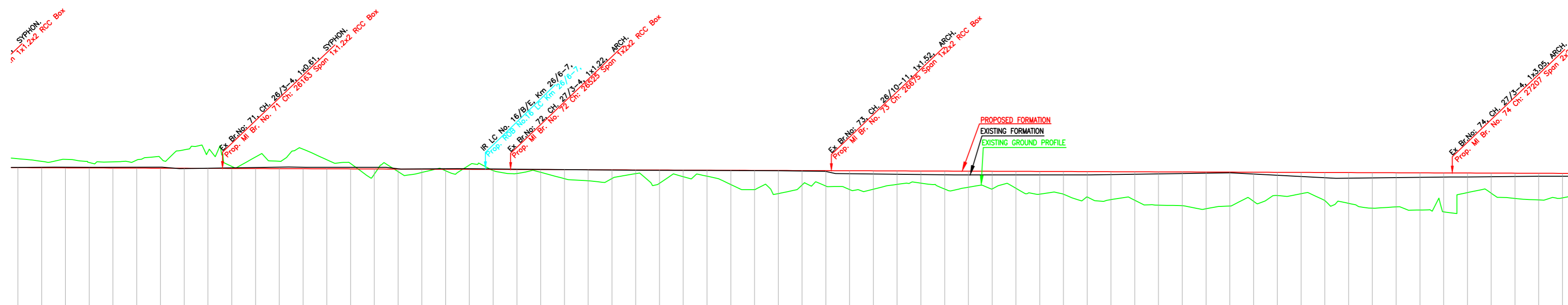


PLAN

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	Fall 1 in 2692	
Vertical Alignment	Fall 1 in 2692	
HORIZONTAL ALIGNMENT	Fall 1 in 2692	
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	12.50	12.50
Cut(-)/Fill(+)(m)	-0.891	-0.482
Proposed F.L (m)	201.433	201.425
EXISTING F.L (m)	201.450	201.458
Ground Level (m)	202.124	201.907
Chainage (m)	26000	26020

INDICATIVE DRAWING

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

EASTERN CORRIDOR

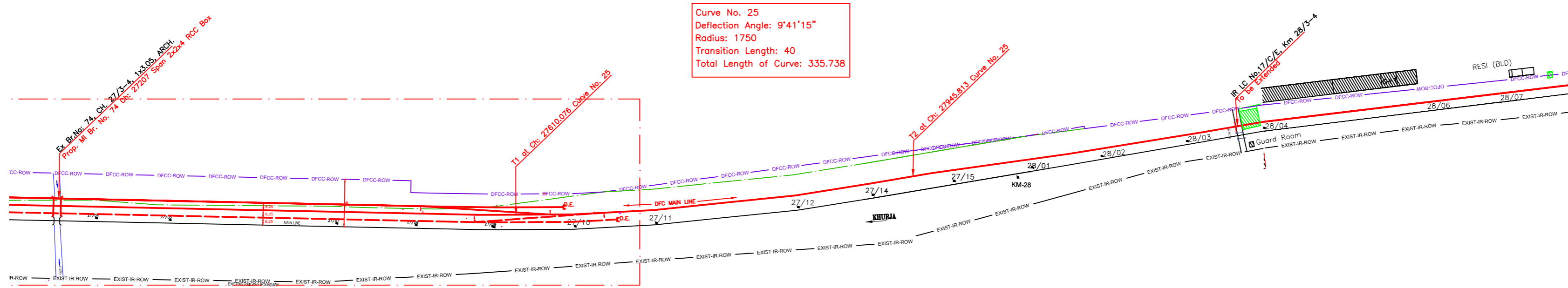
PROJECT
KHURJA TO PILKHANI
From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

CONTRACT PACKAGE - 303

TITLE
PLAN AND PROFILE (Ch: 26100 to Ch: 27300)

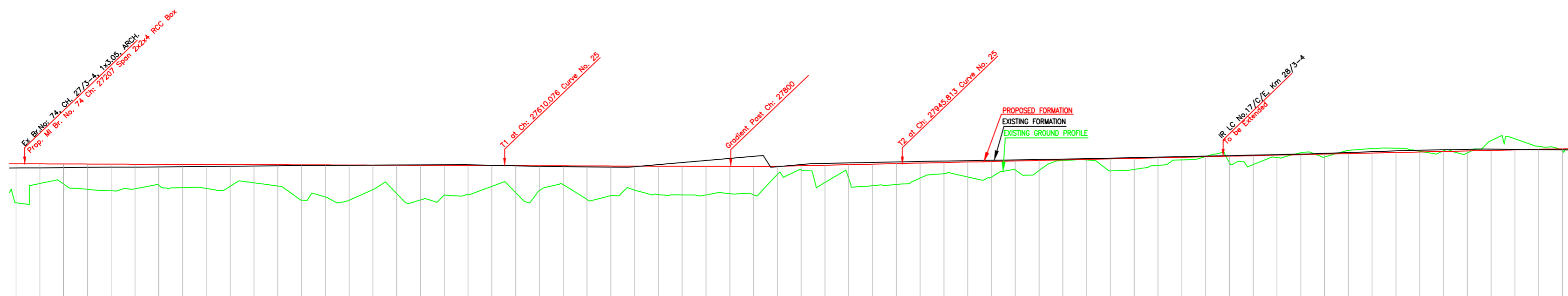
SCALE
DRAWING NO.

SURVEY BY
GENERAL CONSULTANT
AECOM
AECOM Asia Co. Ltd.
5th Floor, Gateway Tower C DLF Cyber City
DLF Phase II Gurgaon 122002, India



PLAN

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



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	

Gradient	Fall 1 in 2692		Rise 1 in 465		Ris
Vertical Alignment					
HORIZONTAL ALIGNMENT					
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	12.50	12.50	12.50	12.50	12.50
Cut(-)/Fill(+)(m)	3.370	1.496	2.042	2.195	2.174
Proposed F.L (m)	200.987	200.979	200.972	200.965	200.957
EXISTING F.L (m)	200.639	200.640	200.662	200.684	200.698
Ground Level (m)	197.617	199.483	198.630	198.770	198.783
Chainage (m)	27200	27220	27240	27260	27280
	27300	27320	27340	27360	27380
	27400	27420	27440	27460	27480
	27500	27520	27540	27560	27580
	27600	27620	27640	27660	27680
	27700	27720	27740	27760	27780
	27800	27820	27840	27860	27880
	27900	27920	27940	27960	27980
	28000	28020	28040	28060	28080
	28100	28120	28140	28160	28180
	28200	28220	28240	28260	28280
	28300	28320	28340	28360	28380
	28400	28420	28440	28460	28480
	28500				

INDICATIVE DRAWING

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

EASTERN CORRIDOR

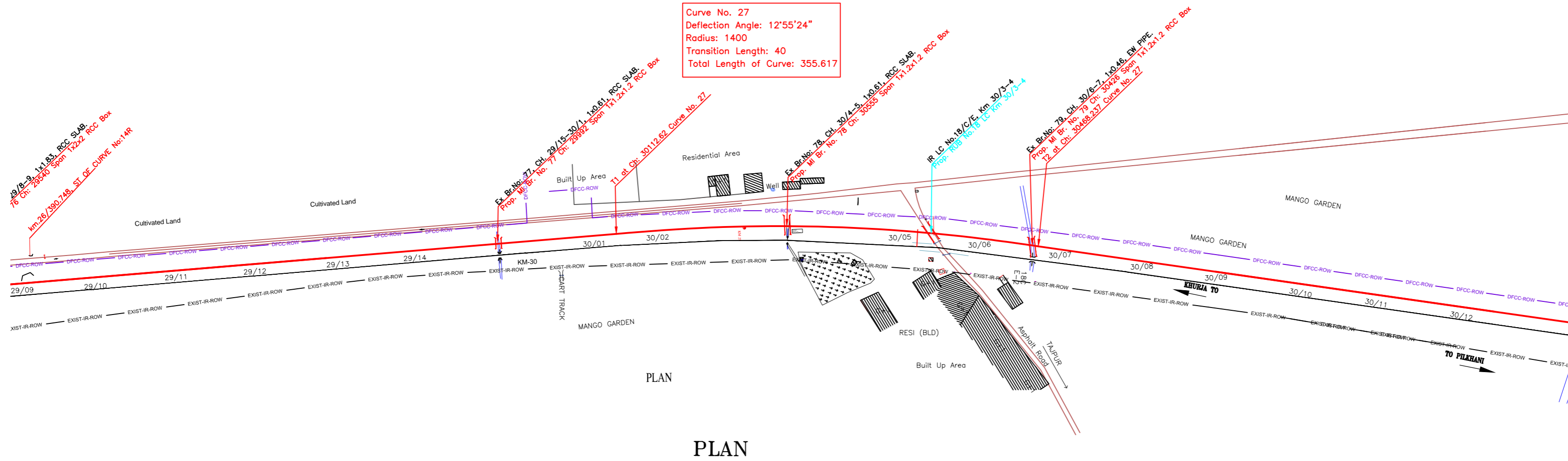
PROJECT
KHURJA TO PILKHANI
From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

CONTRACT PACKAGE - 303

TITLE
PLAN AND PROFILE (Ch: 27300 to Ch: 28500)

SCALE
DRAWING NO.

SURVEY BY
GENERAL CONSULTANT
AECOM
AECOM Asia Co. Ltd.
5th Floor, Jangra Tower C DLF Cyber City
DLF Phase II Gurgaon 122002, India

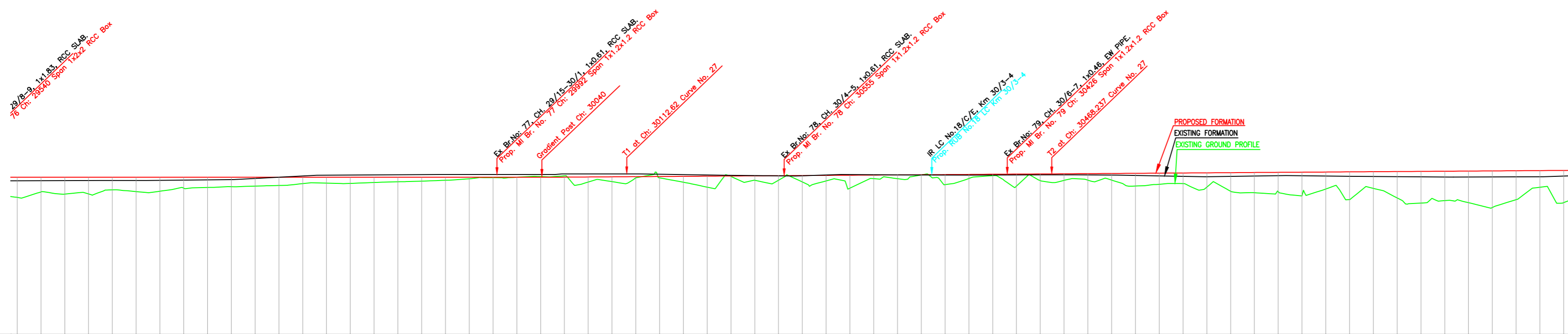


PLAN

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	
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	



L-SECTION

Gradient	Level		Rise 1 in 1493		Rise 1 in 1493	
Vertical Alignment						
HORIZONTAL ALIGNMENT						
Dist. Between Existing Main Track & Proposed Adjacent Track of DFCC	9.92	9.92	9.92	9.91	9.91	9.92
Cut-(-)/Fill(+)(m)	1.647	1.259	1.348	1.353	1.097	9.92
Proposed F.L (m)	202.392	202.699	202.699	202.699	202.699	202.699
EXISTING F.L (m)	201.052	201.400	201.351	201.346	201.602	202.699
Ground Level (m)	201.052	201.400	201.351	201.346	201.602	202.699
Chainage (m)	29860	29900	29940	29980	30020	30060

INDICATIVE DRAWING

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

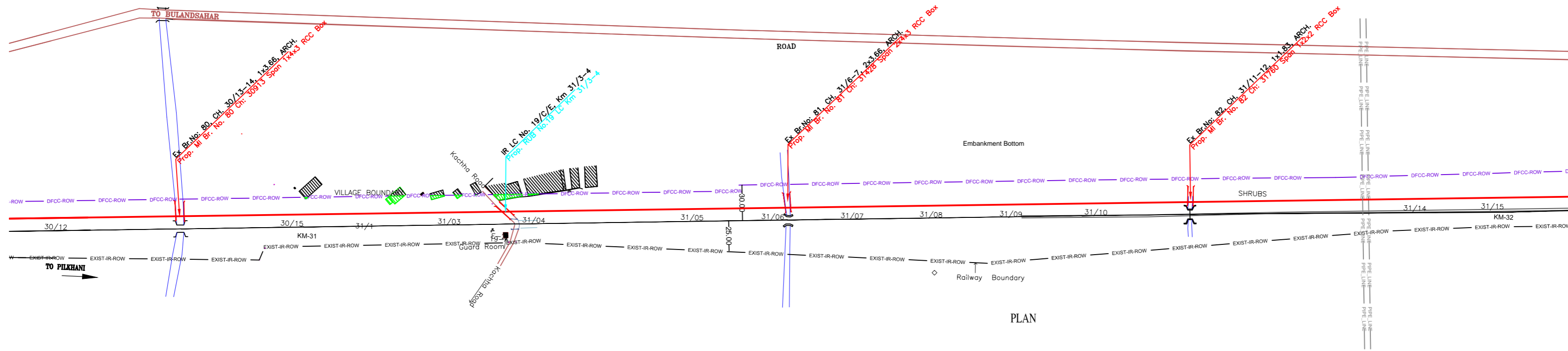
EASTERN CORRIDOR

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

CONTRACT PACKAGE - 303

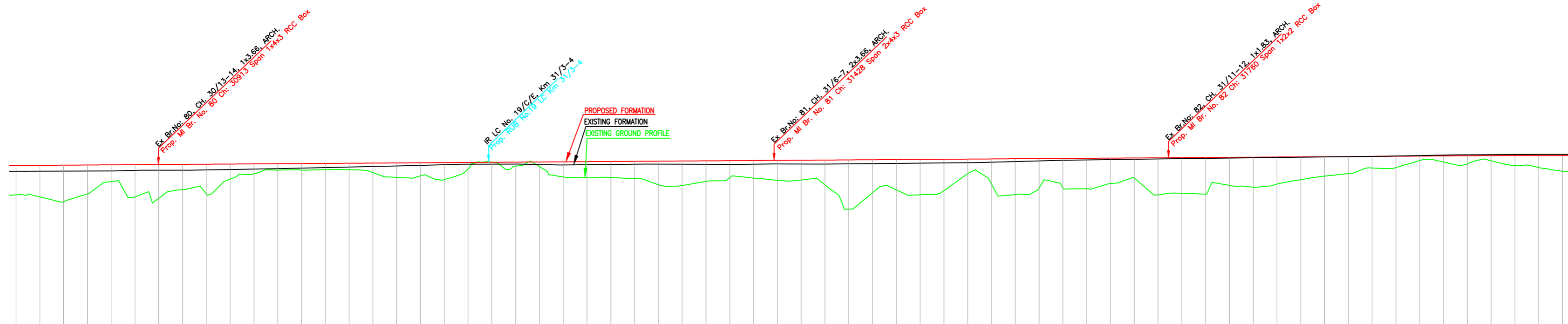
TITLE
PLAN AND PROFILE (Ch: 29700 to Ch: 30900)

SCALE
DRAWING NO.
SURVEY BY
GENERAL CONSULTANT
ACCOM AECOM Asia Co. Ltd.
9TH FLOOR, INFINITY TOWER C DLF CYBER CITY
DLF PHASE 4 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 1493		Rise 1 in 1493		Rise 1 in 1493	
Vertical Alignment	[Vertical Alignment Line]					
HORIZONTAL ALIGNMENT	[Horizontal Alignment Line]					
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	10.67	10.66	10.66	10.65	10.64	10.63
Cut(-)/Fill(+)(m)	2.498	2.837	2.825	1.963	1.499	2.442
Proposed F.L (m)	203.206	203.211	203.235	203.248	203.262	203.275
EXISTING F.L (m)	202.704	202.710	202.717	202.723	202.729	202.735
Ground Level (m)	200.710	200.384	200.410	201.285	201.763	200.833
Chainage (m)	30900	30920	30940	30960	30980	31000

LEGEND

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

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: 30900 to Ch: 32100)

SCALE: [Blank]

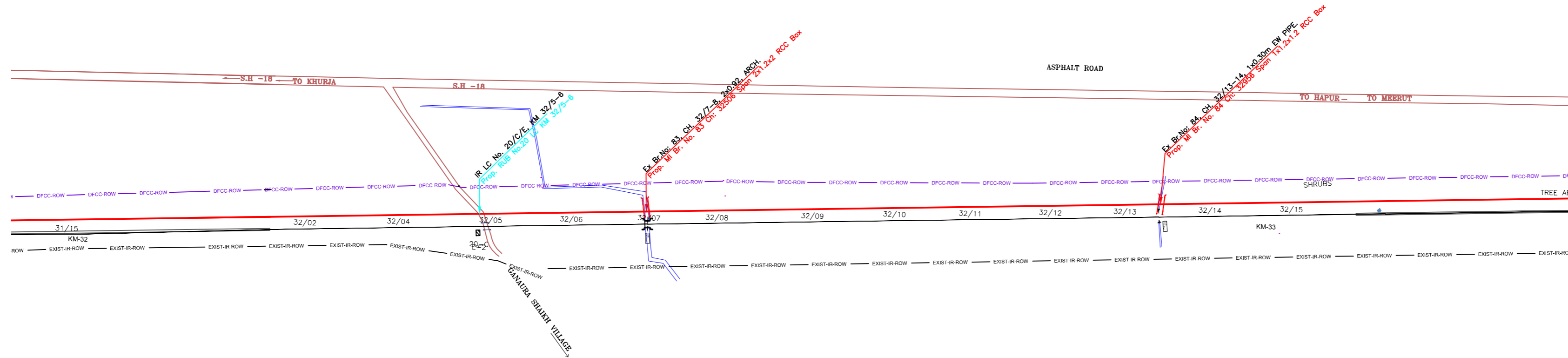
DRAWING NO. [Blank]

SURVEY BY: [Blank]

GENERAL CONSULTANT: **AECOM**
AECOM Asia Co. Ltd.
6th Floor, Gateway Tower C, DLF Cyber City
DLF Phase II, Gurgaon 122002, India

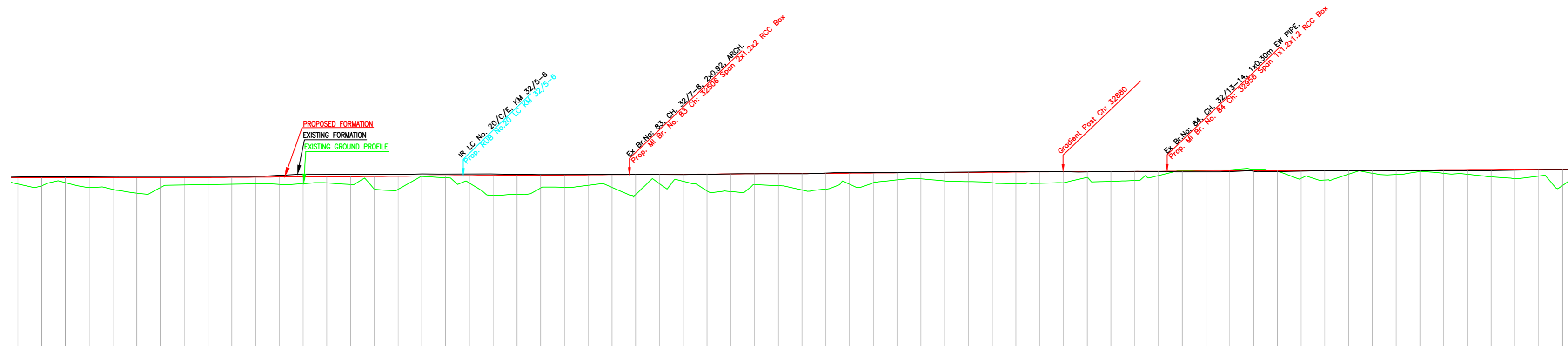
← KHURJA

→ PILKHANI



PLAN

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



L-SECTION

LEGEND

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

Gradient	Rise 1 in 1493	Rise 1 in 1493	Rise 1 in 218
Vertical Alignment			
HORIZONTAL ALIGNMENT			
Dist. Between Existing Main Track & Proposed Adjacent Track of DFCC	11.84	12.1	12.27
Cut(-)/Fill(+)(m)	0.679	0.424	0.824
Proposed F.L (m)	204.082	204.025	204.038
EXISTING F.L (m)	203.333	204.097	204.107
Ground Level (m)	203.333	203.223	204.117
Chainage (m)	32000	32020	32040

INDICATIVE DRAWING

dedicated freight corridor
 CORPORATION OF INDIA LTD.
 (A GOVERNMENT OF INDIA ENTERPRISE)

EASTERN CORRIDOR

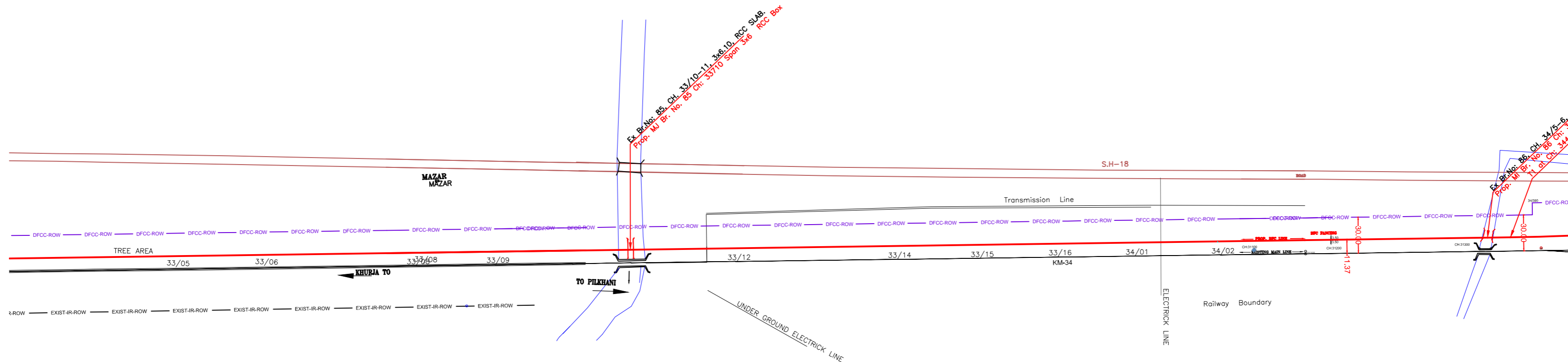
PROJECT
 KHURJA TO PILKHANI
 From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

CONTRACT PACKAGE - 303

TITLE
 PLAN AND PROFILE (Ch: 32100 to Ch: 33300)

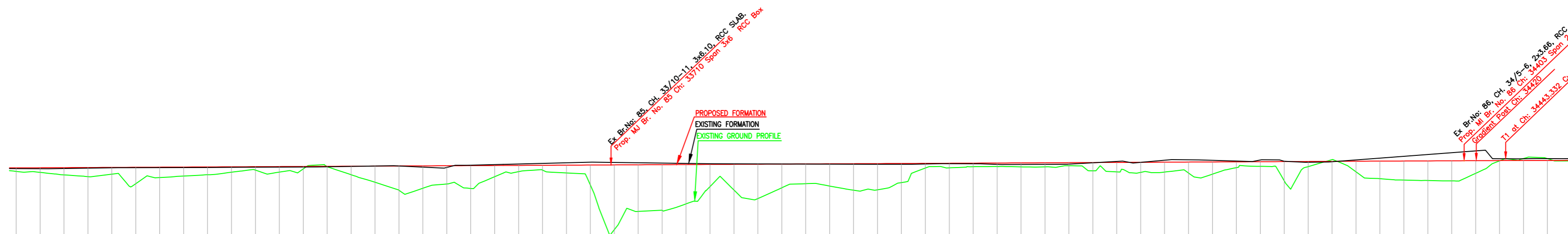
SCALE: SURVEY BY: DRAWING NO. GENERAL CONSULTANT

AECOM
 AECOM Asia Co. Ltd.
 5th Floor, Gateway Tower 2, DLF Cyber City
 DLF Phase II Gurgaon 122002, India



PLAN

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



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	

Gradient	Rise in 2018	
Vertical Alignment	Rise in 2018	
HORIZONTAL ALIGNMENT	Rise in 2018	
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	10.84	10.84
Cut(-)/Fill(+)(m)	0.361	0.472
Proposed F.L (m)	204.760	204.769
EXISTING F.L (m)	204.682	204.677
Ground Level (m)	204.399	204.287
Chainage (m)	33200	34500

INDICATIVE DRAWING

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

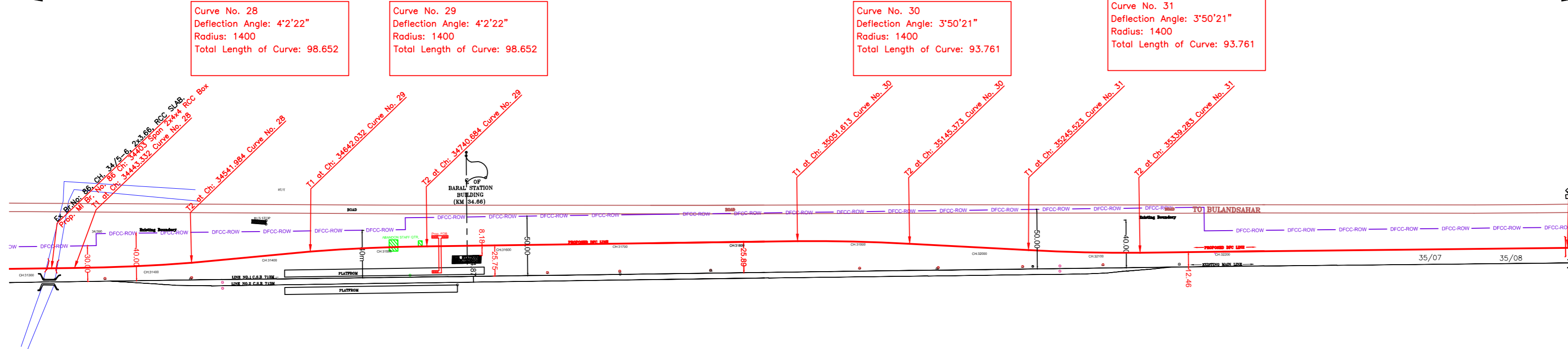
EASTERN CORRIDOR

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

CONTRACT PACKAGE - 303

TITLE
PLAN AND PROFILE (Ch: 33300 to Ch: 34500)

SCALE
DRAWING NO.
GENERAL CONSULTANT
AECOM
AECOM Asia Co. Ltd.
5th Floor, Jangra Tower C DLF Cyber City
DLF Phase II Gurgaon 122002, India

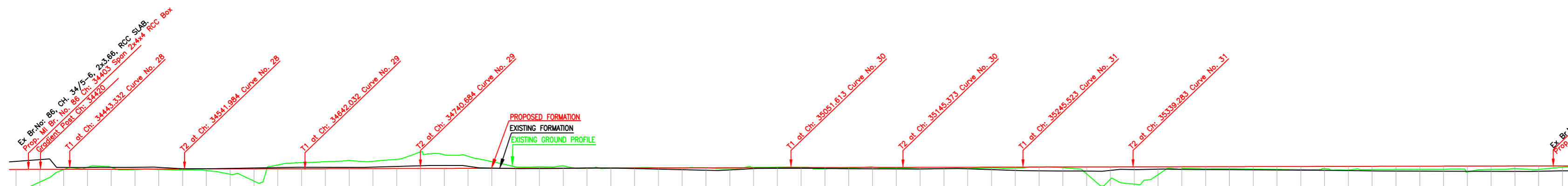


NOTE:-
MINIMUM HEIGHT OF EMBANKMENT SHALL BE PROVIDED AS PER RELEVANT PARA OF PART 2 OF BID DOCUMENT.

PLAN

LEGEND

EXIST. IR TRACK	—
PROP. DFCC TRACK	—
EXIST. LAND BOUNDARY	—
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	—



Gradient	1:682	1:4362	1:4362	1:4362
Vertical Alignment				
HORIZONTAL ALIGNMENT				
Dist. Between Existing Main Track & Proposed Adjacent Track of DFCC	11.43	11.44	11.44	11.46
Cut(-)/Fill(+)(m)	0.05	0.736	-0.144	-0.272
Proposed F.L (m)	205.354	205.364	205.369	205.372
EXISTING F.L (m)	206.075	206.227	206.510	206.517
Ground Level (m)	203.702	204.628	205.513	205.645
Chainage (m)	34400	34420	34440	34460

L-SECTION

INDICATIVE DRAWING

EASTERN CORRIDOR

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

CONTRACT PACKAGE - 303

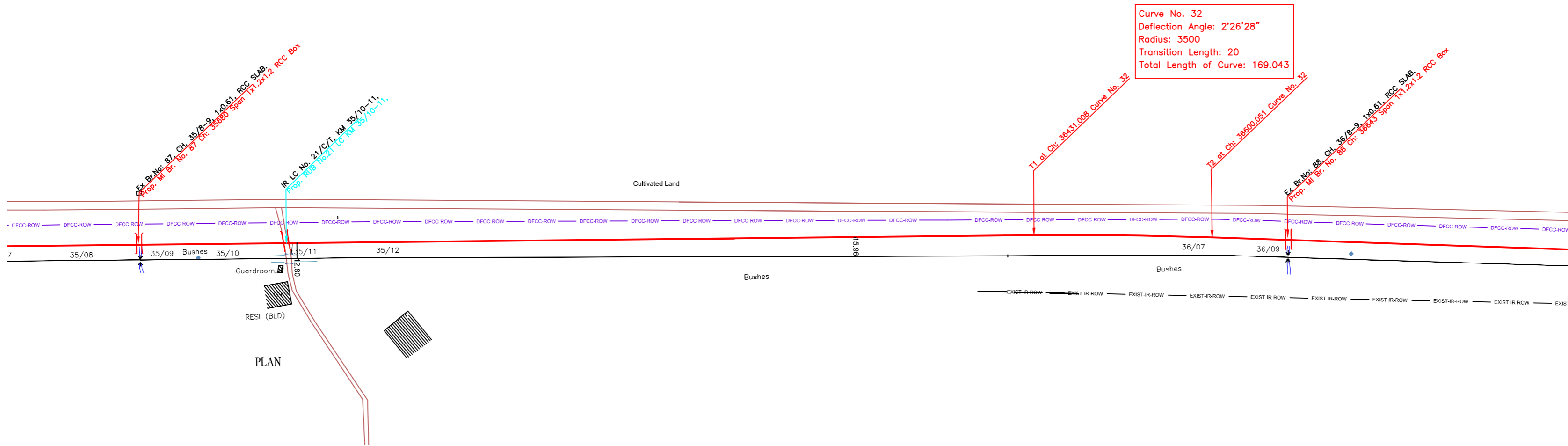
TITLE
PLAN AND PROFILE (Ch: 34500 to Ch: 35700)

SCALE
DRAWING NO.
SURVEY BY
GENERAL CONSULTANT
AECOM
AECOM Asia Co. Ltd.
5th Floor, Embassy Towers, C.D. Complex, Connaught Place, New Delhi

KHURJA

PILKHANI

PROJECT SHEET NO. 35

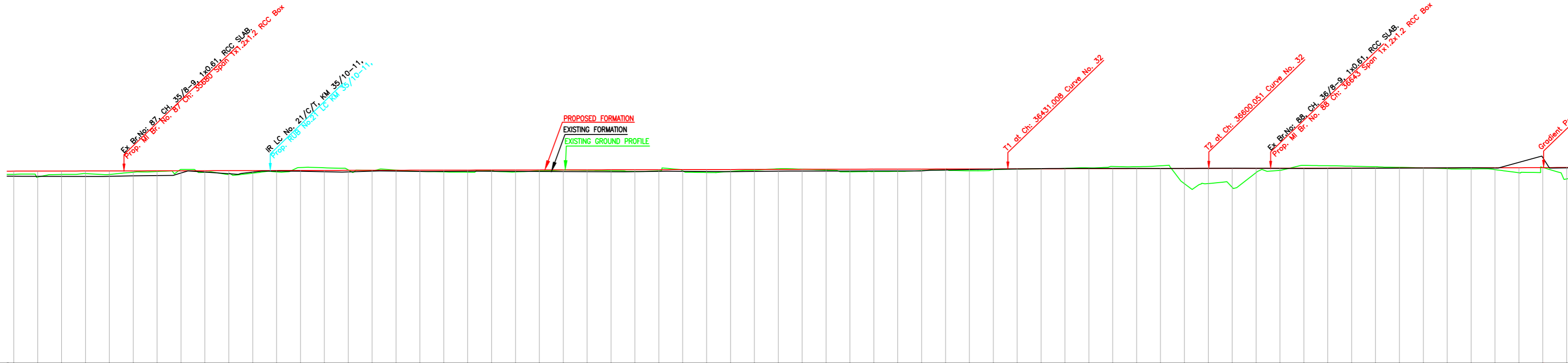


PLAN

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 4362
Vertical Alignment	
HORIZONTAL ALIGNMENT	
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	12.53
Cut(-)/Fill(+)(m)	0.235
Proposed F.L (m)	205.635
EXISTING F.L (m)	205.194
Ground Level (m)	205.390
Chainage (m)	35600

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

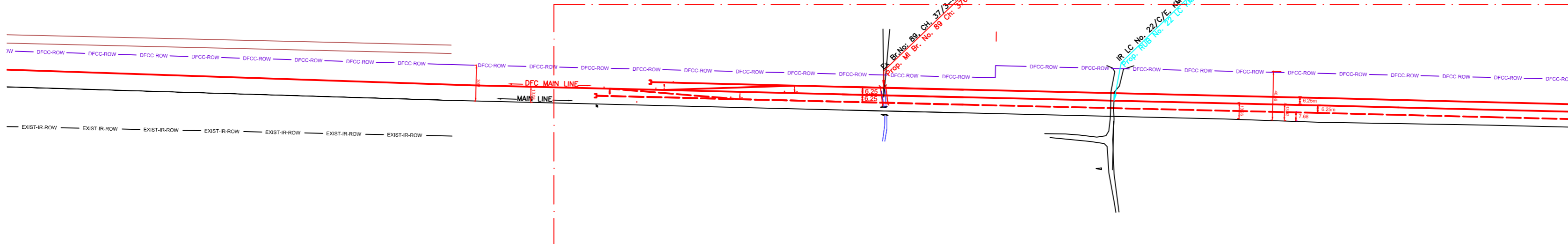
TITLE: PLAN AND PROFILE (Ch: 35700 to Ch: 36900)

SCALE: SURVEY BY: DRAWING NO. GENERAL CONSULTANT: **AECOM** AECOM Asia Co. Ltd. 5th Floor, Jangra Tower C DLF Cyber City Gurgaon, Haryana, India.

2x10.61 RCC Slab,
366.93 Span 1x1.241.2 RCC Box

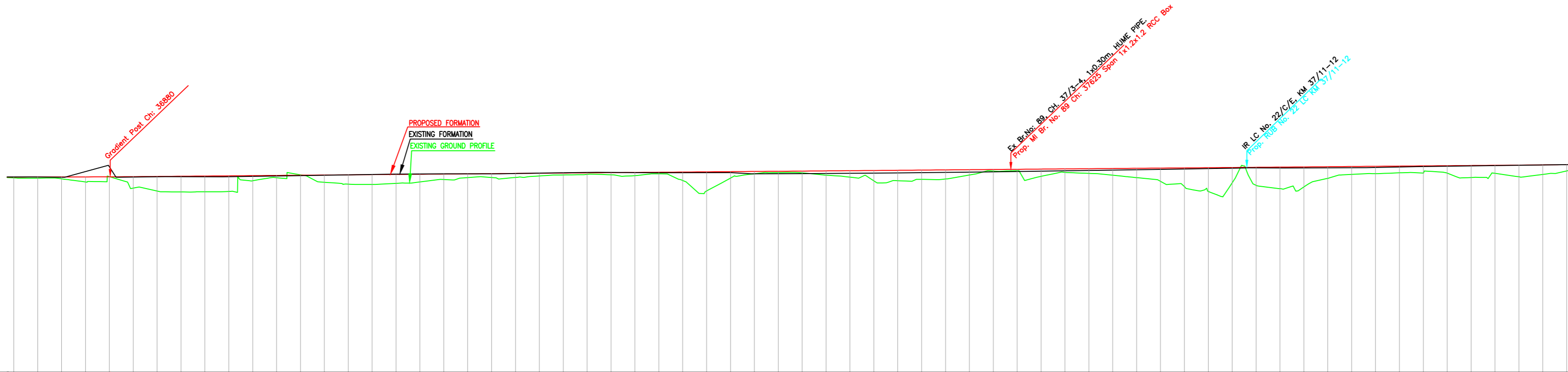
Ex. Bridge: BR. CL. 37/3-4, 1x0.50m. H.M.C. PIPE,
From. MI. Br. No. 89 Ch. 37625 Span 1x1.241.2 RCC Box

IR LC. No. 22/C/E, NM. 37/11-12
From. R.F. No. 22 LC. No. 37/11-12



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

PLAN



Gradient	Rise 1 in 199	
Vertical Alignment		
HORIZONTAL ALIGNMENT		
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	14.6	13.00
Cut(-)/Fill(+)(m)	0.098	0.095
Proposed F.L (m)	205.910	205.914
EXISTING F.L (m)	205.812	205.819
Ground Level (m)	205.812	205.819
Chainage (m)	36900	38100

L-SECTION

LEGEND

EXIST. IR TRACK	
PROP. DFC 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)

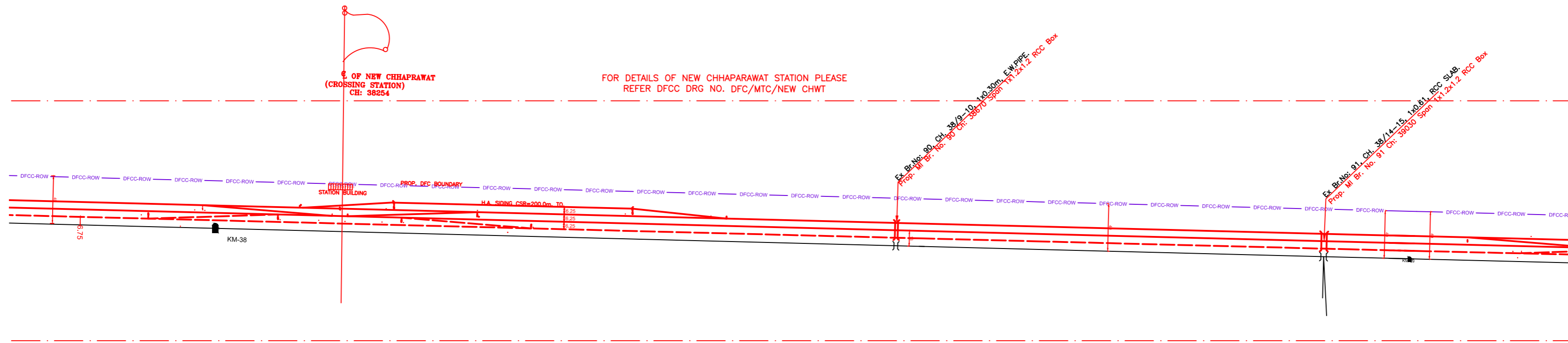
EASTERN CORRIDOR

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

CONTRACT PACKAGE - 303

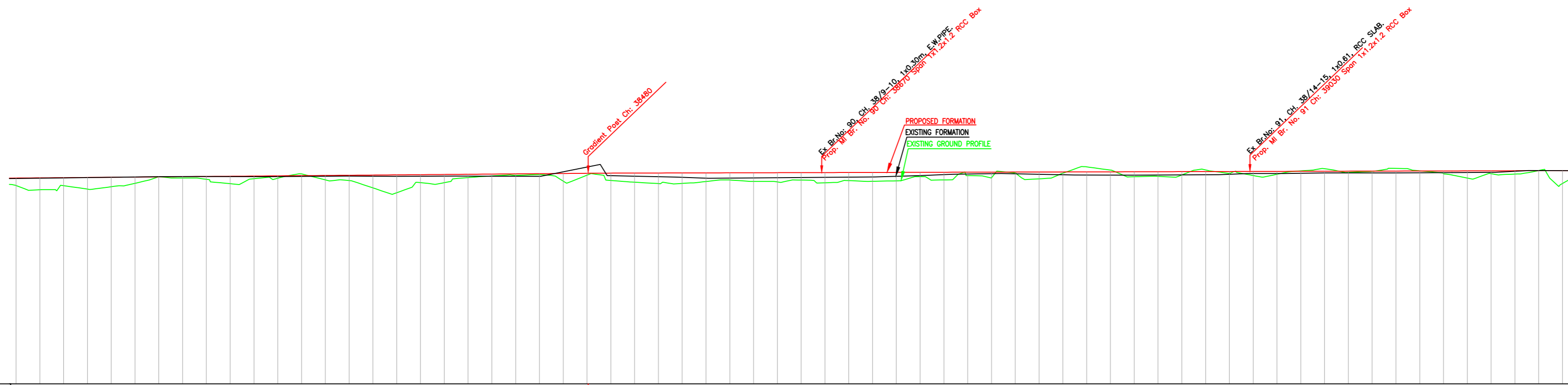
TITLE: PLAN AND PROFILE (Ch: 36900 to Ch: 38100)

SCALE: SURVEY BY: DRAWING NO. GENERAL CONSULTANT: AECOM Asia Co. Ltd.



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

PLAN



Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	Cut(-)/Fill(+)(m)	Proposed F.L (m)	EXISTING F.L (m)	Ground Level (m)	Chainage (m)
13.00	0.907	206.862	206.815	205.955	38000
13.00	0.998	206.876	206.840	205.890	38020
13.00	0.794	206.895	206.866	206.111	38040
13.00	0.954	206.912	206.892	205.958	38060
13.00	0.722	206.929	206.918	206.207	38080
13.00	0.366	206.945	206.943	206.579	38100
13.00	0.087	206.962	206.966	206.956	38120
13.00	0.116	206.979	206.974	206.963	38140
13.00	0.497	206.995	206.992	206.498	38160
13.00	0.705	207.012	207.012	206.307	38180
13.00	0.156	207.029	207.029	206.873	38200
13.00	0.020	207.045	207.045	207.025	38220
13.00	0.041	207.062	207.062	207.021	38240
13.00	0.427	207.079	207.079	206.652	38260
13.00	0.641	207.095	207.095	206.454	38280
13.00	1.327	207.112	207.112	205.785	38300
13.00	1.249	207.129	207.129	205.980	38320
13.00	0.749	207.145	207.145	206.396	38340
13.00	0.373	207.162	207.162	206.789	38360
13.00	0.229	207.179	207.179	206.950	38380
13.00	0.122	207.195	207.195	207.073	38400
13.00	0.112	207.212	207.212	207.100	38420
13.00	0.135	207.229	207.229	207.094	38440
13.00	0.660	207.245	207.245	206.585	38460
13.00	0.084	207.262	207.262	207.178	38480
13.00	0.669	207.277	207.277	206.598	38500
13.00	0.807	207.272	207.272	206.465	38520
13.00	0.830	207.276	207.276	206.448	38540
13.00	0.834	207.283	207.283	206.449	38560
13.00	0.646	207.288	207.288	206.642	38580
13.00	0.652	207.293	207.293	206.641	38600
13.00	0.726	207.298	207.298	206.571	38620
13.00	0.725	207.304	207.304	206.579	38640
13.00	0.639	207.309	207.309	206.670	38660
13.00	0.836	207.314	207.314	206.478	38680
13.00	0.712	207.320	207.320	206.608	38700
13.00	0.729	207.325	207.325	206.596	38720
13.00	0.607	207.330	207.330	206.723	38740
13.00	0.531	207.335	207.335	206.804	38760
13.00	0.630	207.341	207.341	206.711	38780
13.00	0.301	207.346	207.346	207.045	38800
13.00	-0.059	207.351	207.351	207.410	38820
13.00	0.586	207.356	207.356	206.770	38840
13.00	0.532	207.361	207.361	206.829	38860
13.00	-0.149	207.367	207.367	207.516	38880
13.00	-0.325	207.372	207.372	207.697	38900
13.00	0.128	207.377	207.377	207.249	38920
13.00	0.399	207.382	207.382	206.983	38940
13.00	0.432	207.388	207.388	206.956	38960
13.00	-0.002	207.393	207.393	207.395	38980
13.00	-0.012	207.398	207.398	207.410	39000
13.00	0.095	207.403	207.403	207.308	39020
13.00	0.470	207.409	207.409	206.839	39040
13.00	0.090	207.414	207.414	207.324	39060
13.00	-0.086	207.419	207.419	207.505	39080
13.00	-0.108	207.424	207.424	207.532	39100
13.00	0.070	207.430	207.430	207.390	39120
13.00	-0.082	207.435	207.435	207.517	39140
13.00	-0.212	207.440	207.440	207.652	39160
13.00	0.046	207.445	207.445	207.397	39180
13.03	0.343	207.451	207.451	207.108	39200
13.03	0.603	207.456	207.456	206.853	39220
13.03	0.339	207.461	207.461	207.122	39240
13.03	0.222	207.466	207.466	207.244	39260
13.03	0.263	207.471	207.471	207.208	39280
13.03	0.681	207.477	207.477	206.796	39300

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

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

EASTERN CORRIDOR

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

CONTRACT PACKAGE - 303

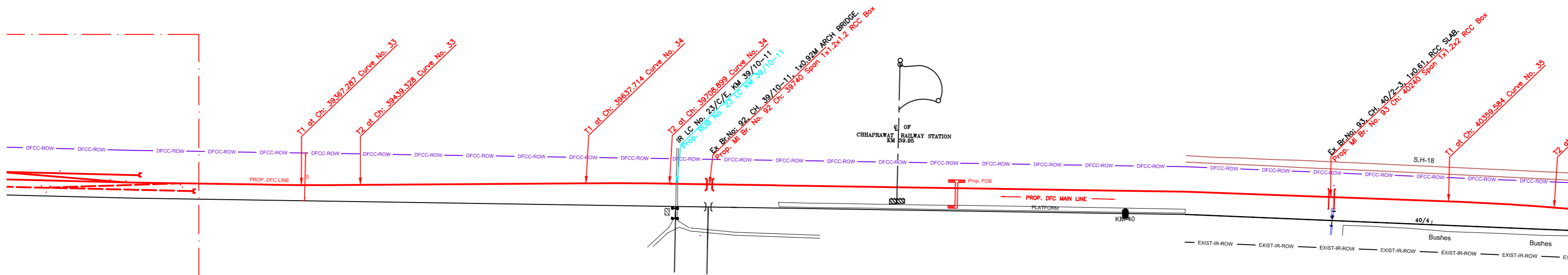
TITLE
PLAN AND PROFILE (Ch: 38100 to Ch: 39300)

SCALE
DRAWING NO.
GENERAL CONSULTANT
AECOM
AECOM Asia Co. Ltd.
5th Floor, Unitary Tower C DLF Cyber City
DLF Phase II Gurgaon 122002, India

Curve No. 33
 Deflection Angle: 1°18'43"
 Radius: 1400
 Transition Length: 40
 Total Length of Curve: 72.041

Curve No. 34
 Deflection Angle: 1°16'37"
 Radius: 1400
 Transition Length: 40
 Total Length of Curve: 71.186

Curve No. 35
 Deflection Angle: 2°0'28"
 Radius: 1400
 Transition Length: 40
 Total Length of Curve: 89.034

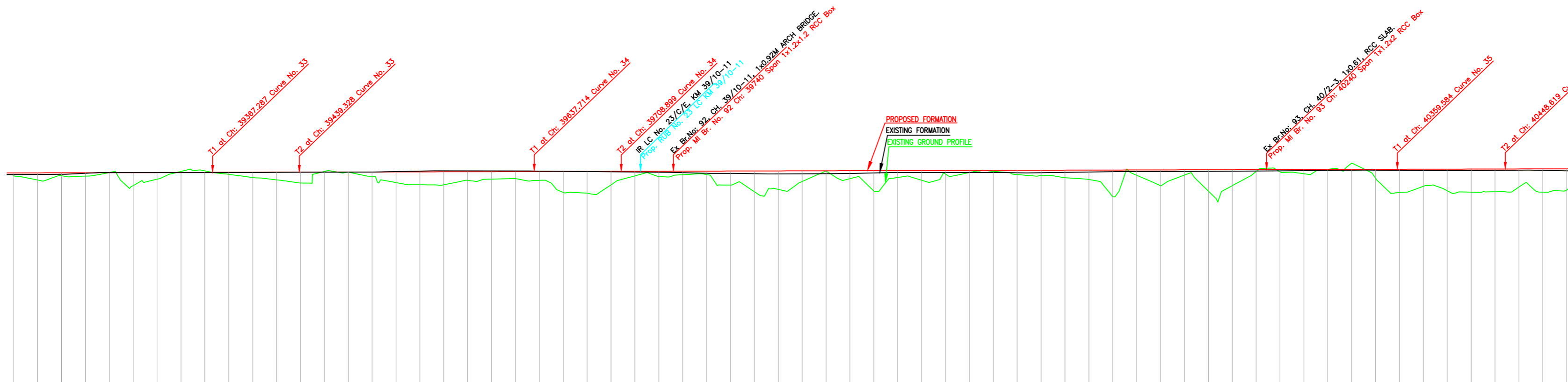


PLAN

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	—
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ELECTRIC LINE	—
OHE TOWER	—
HAND PUMP	—
GPS PILLAR	—
RAILWAY SIGNAL	—
OHE MAST	—
RELIGIOUS STRUCTURE	—
PIPE LINE CORRIDOR	—
ROAD	—



L-SECTION

Chainage (m)	Ground Level (m)	EXISTING F.L. (m)	Proposed F.L. (m)	Cut(-)/Fill(+)(m)	Dist. Between Existing Main Track & Proposed Adjacent Track of DFC
39200	207.108	207.305	207.451	0.343	13.03
39220	206.853	207.315	207.456	0.603	13.03
39240	207.122	207.341	207.461	0.339	13.03
39260	207.244	207.448	207.466	0.222	13.03
39280	207.208	207.471	207.471	0.263	13.03
39300	206.796	207.470	207.477	0.681	13.03
39320	207.201	207.470	207.462	0.261	13.03
39340	207.748	207.470	207.467	-0.281	13.03
39360	207.481	207.469	207.492	0.011	13.03
39380	207.237	207.473	207.498	0.261	13.13
39400	207.019	207.485	207.503	0.484	13.43
39420	206.784	207.497	207.508	0.724	13.85
39440	206.595	207.508	207.513	0.918	14.30
39460	207.598	207.504	207.519	-0.070	14.75
39480	207.369	207.508	207.524	0.155	15.19
39500	206.875	207.524	207.529	0.654	15.64
39520	206.514	207.567	207.534	1.020	16.08
39540	206.451	207.610	207.546	1.089	16.53
39560	206.604	207.616	207.546	0.941	16.98
39580	206.733	207.612	207.550	0.817	17.42
39600	206.949	207.609	207.555	0.606	17.87
39620	206.838	207.605	207.560	0.722	18.32
39640	206.733	207.583	207.566	0.833	18.72
39660	205.816	207.566	207.571	1.753	18.97
39680	205.644	207.549	207.576	1.932	19.04
39700	206.860	207.533	207.581	0.721	19.04
39720	207.396	207.516	207.597	0.189	19.04
39740	207.118	207.499	207.592	0.474	19.04
39760	207.344	207.450	207.597	0.253	19.04
39780	206.645	207.408	207.602	0.957	19.04
39800	206.713	207.404	207.608	0.895	19.04
39820	205.514	207.367	207.613	2.099	19.04
39840	205.916	207.363	207.616	1.702	19.04
39860	207.051	207.371	207.623	0.572	19.04
39880	207.156	207.382	207.629	0.473	19.04
39900	207.153	207.406	207.634	0.481	19.04
39920	206.285	207.451	207.639	1.354	19.04
39940	207.180	207.474	207.644	0.464	19.04
39960	206.676	207.474	207.649	0.973	19.04
39980	207.217	207.474	207.655	0.438	19.04
40000	207.689	207.475	207.660	0.051	19.04
40020	207.526	207.470	207.665	0.140	19.04
40040	207.256	207.459	207.670	0.414	19.04
40060	207.233	207.467	207.676	0.443	19.04
40080	207.000	207.485	207.681	0.681	19.04
40100	206.770	207.524	207.686	0.916	19.04
40120	206.480	207.551	207.691	1.211	19.04
40140	206.948	207.555	207.697	0.749	19.04
40160	206.785	207.559	207.702	0.917	20.09
40180	207.254	207.564	207.707	0.453	20.09
40200	205.164	207.577	207.712	2.548	20.09
40220	206.765	207.597	207.716	0.953	20.1
40240	207.834	207.605	207.723	-0.111	20.1
40260	207.498	207.620	207.726	0.230	20.1
40280	207.420	207.635	207.733	0.313	20.11
40300	207.843	207.652	207.739	-0.104	20.11
40320	207.836	207.671	207.744	-0.192	20.11
40340	206.269	207.684	207.749	1.480	20.1
40360	205.857	207.692	207.754	1.897	20.09
40380	206.429	207.643	207.759	1.330	20.06
40400	205.776	207.634	207.765	1.989	19.98
40420	205.827	207.643	207.770	1.943	19.45
40440	205.879	207.662	207.775	1.896	18.61
40460	206.563	207.680	207.780	1.217	18.1
40480	205.913	207.642	207.786	1.873	17.39
40500	206.271	207.602	207.791	1.520	16.69

INDICATIVE DRAWING

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

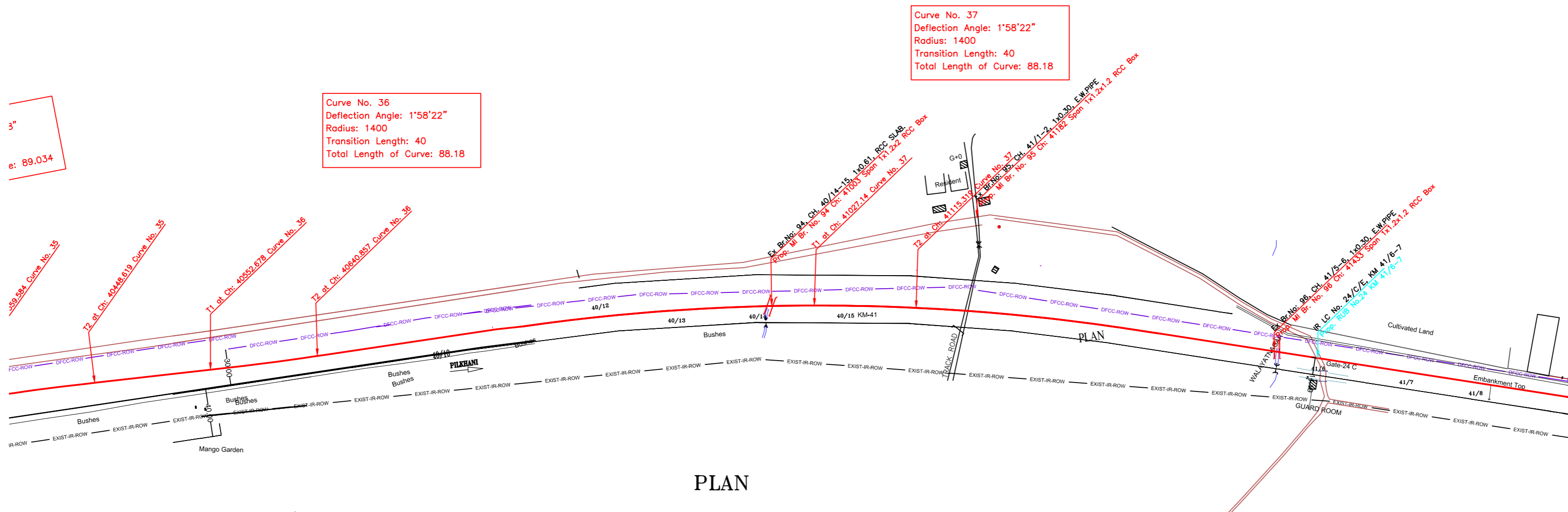
EASTERN CORRIDOR

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

CONTRACT PACKAGE - 303

TITLE: PLAN AND PROFILE (Ch: 39300 to Ch: 40500)

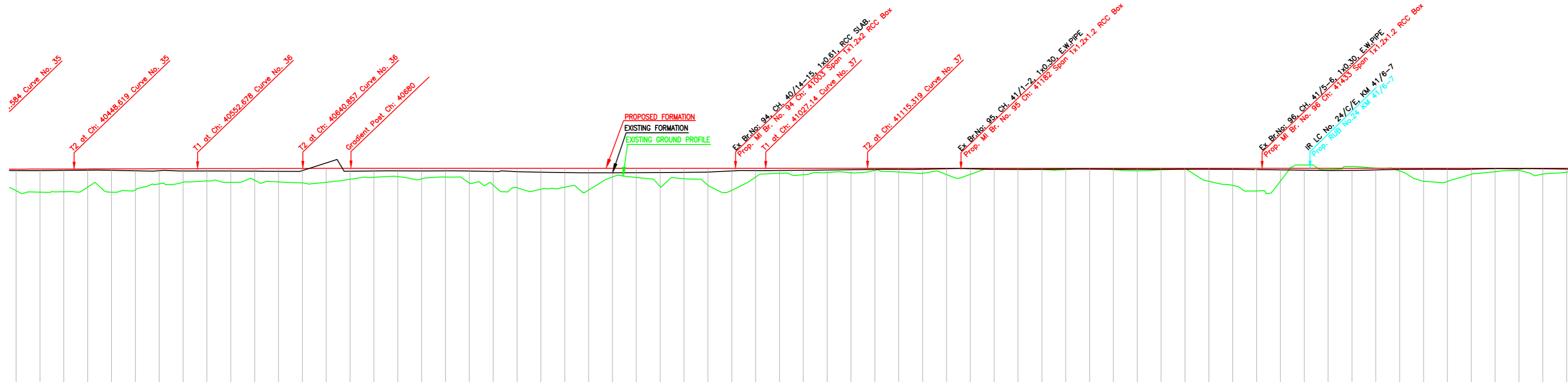
SCALE: SURVEY BY: DRAWING NO.: GENERAL CONSULTANT
AECOM AECOM Asia Co. Ltd.
 5th Floor, Gateway Tower C DLF Cyber City
 DLF Phase II Gurgaon 122002, India



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	Level		Level		Level	
Vertical Alignment	[Vertical alignment curves and grades]					
HORIZONTAL ALIGNMENT	[Horizontal alignment data]					
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	19.88	19.88	19.45	18.81	17.39	16.89
Cut(-)/Fill(+)(m)	1.989	1.945	1.886	1.81	1.739	1.689
Proposed F.L (m)	207.765	207.770	207.775	207.780	207.785	207.790
EXISTING F.L (m)	205.776	205.827	205.879	205.931	205.983	206.035
Ground Level (m)	205.776	205.827	205.879	205.931	205.983	206.035
Chainage (m)	40400	40420	40440	40460	40480	40500

L-SECTION

INDICATIVE DRAWING

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

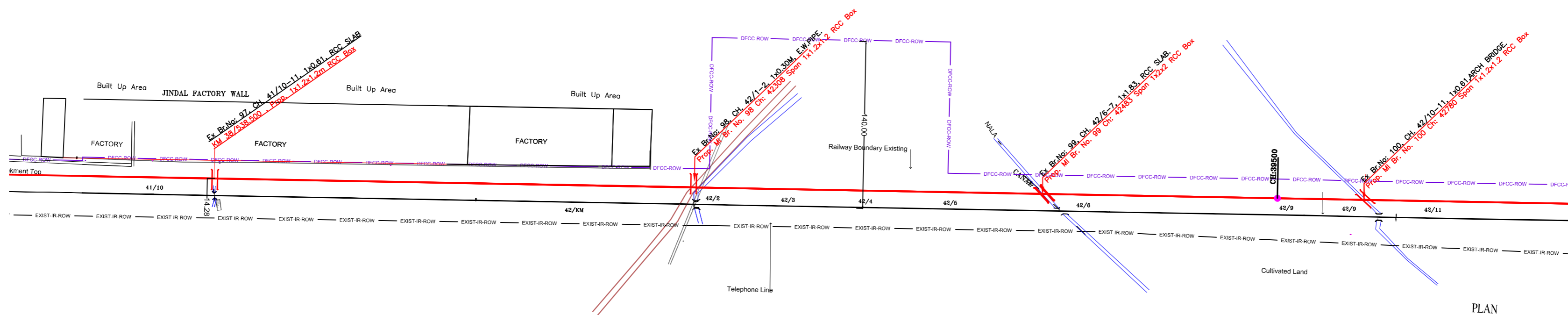
EASTERN CORRIDOR

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

CONTRACT PACKAGE - 303

TITLE
PLAN AND PROFILE (Ch: 40500 to Ch: 41700)

SCALE
DRAWING NO.
GENERAL CONSULTANT
AECOM
AECOM Asia Co. Ltd.
5th Floor, Gateway Tower C DLF Cyber City
DLF Phase II Gurgaon 122002, India

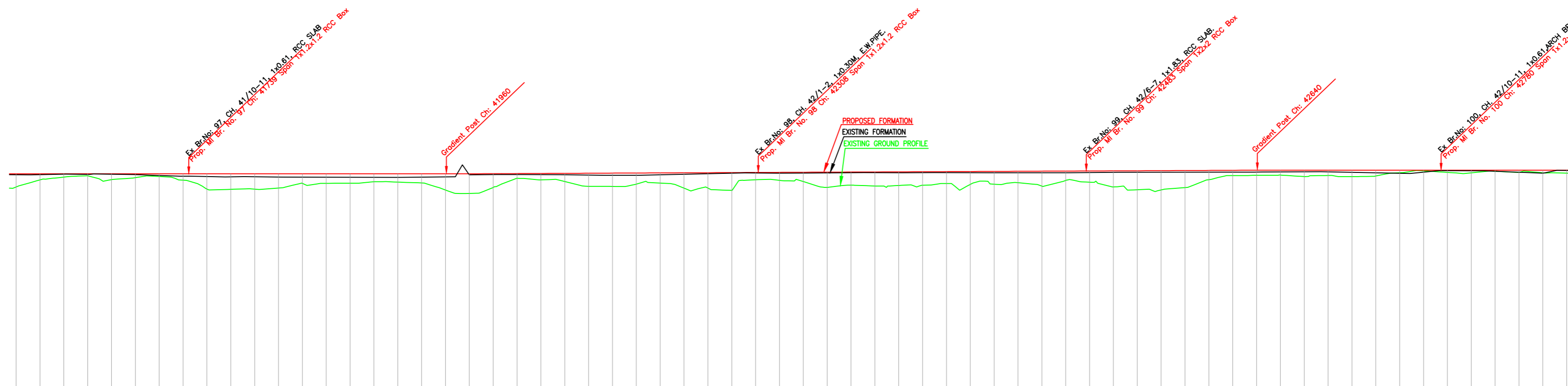


PLAN

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	



L-SECTION

Gradient	Level	Rise 1 in 2259	Level
Vertical Alignment			
HORIZONTAL ALIGNMENT			
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	14.23	14.23	14.21
Cut(-)/Fill(+)(m)	0.876	0.417	0.209
Proposed F.L (m)	207.836	207.836	207.836
EXISTING F.L (m)	207.740	207.772	207.795
Ground Level (m)	206.962	207.421	207.629
Chainage (m)	41600	41800	42000

INDICATIVE DRAWING

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

EASTERN CORRIDOR

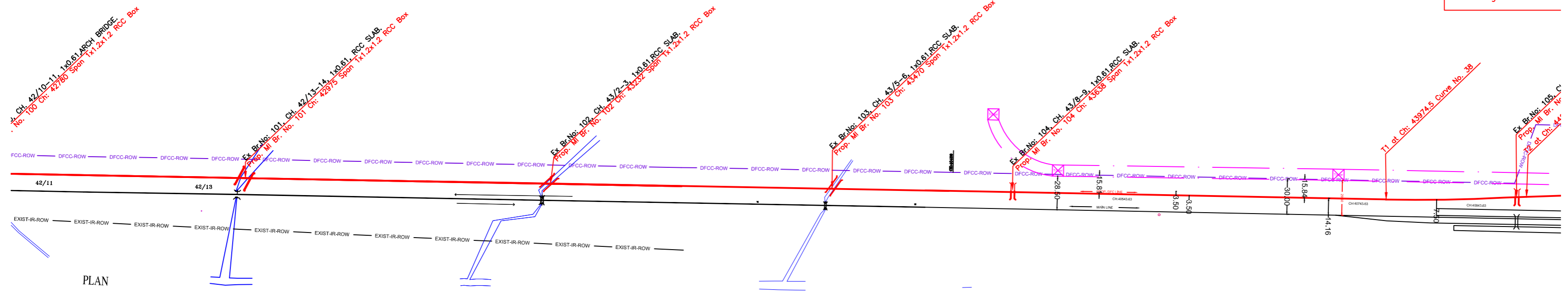
PROJECT: KHURJA TO PILKHANI
From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

CONTRACT PACKAGE - 303

TITLE: PLAN AND PROFILE (Ch: 41700 to Ch: 42900)

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

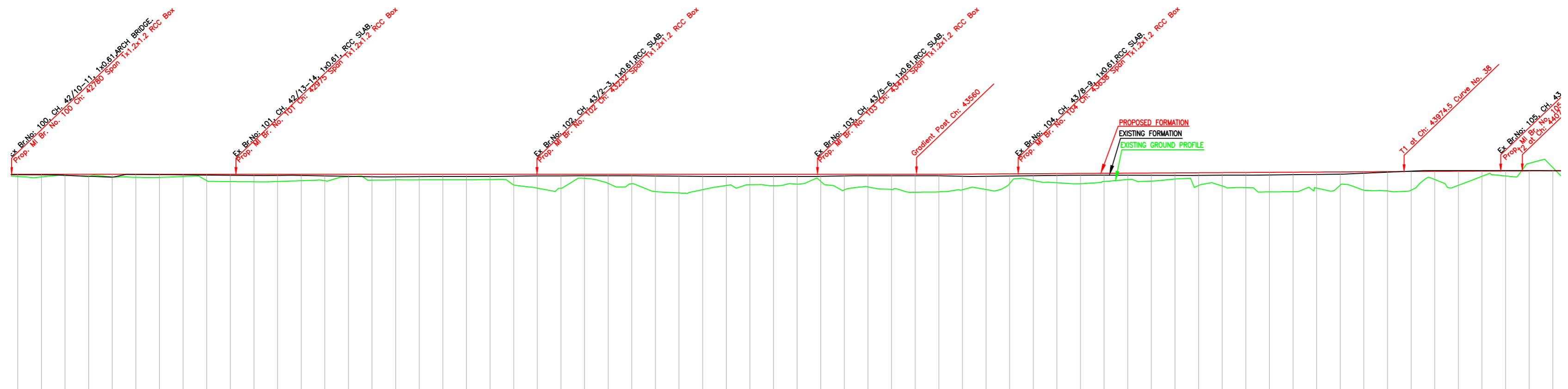
Curve No. 38
Deflection Angle: 4°9'35"
Radius: 850
Transition Length: 40
Total Length of Curve:



PLAN

PLAN

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



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	—

Gradient	Level		Level		Level	
	Level	Level	Level	Level	Level	Level
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	14.20	14.22	14.25	14.28	14.34	14.39
Cut(-)/Fill(+)(m)	0.230	0.151	0.123	0.099	0.215	0.257
Proposed F.L (m)	208.139	208.139	208.139	208.139	208.139	208.139
EXISTING F.L (m)	207.909	207.988	208.016	208.040	208.024	208.024
Ground Level (m)	207.909	207.988	208.016	208.040	208.024	208.024
Chainage (m)	42900	42920	42940	42960	43000	43200

INDICATIVE DRAWING

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

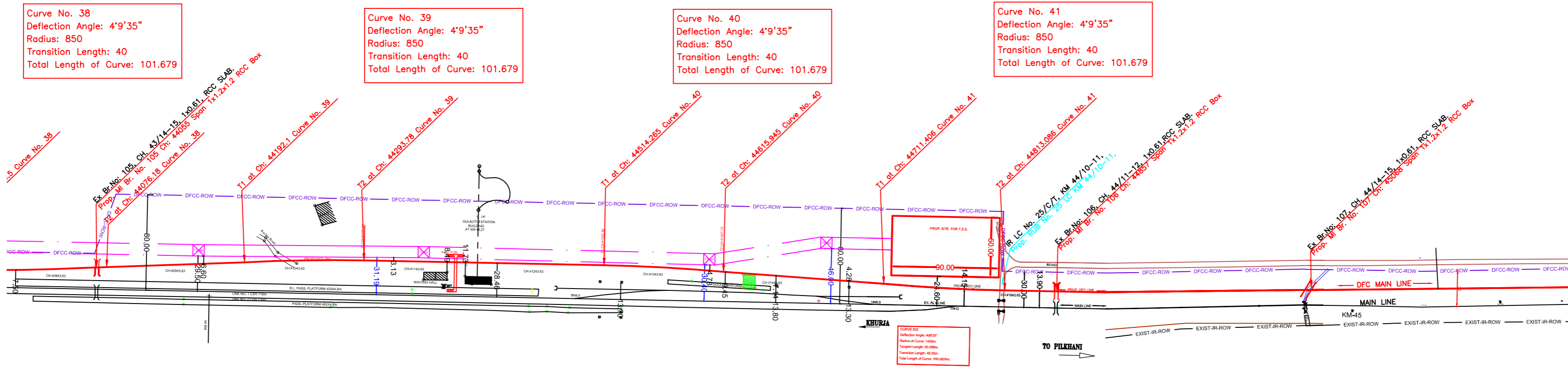
EASTERN CORRIDOR

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

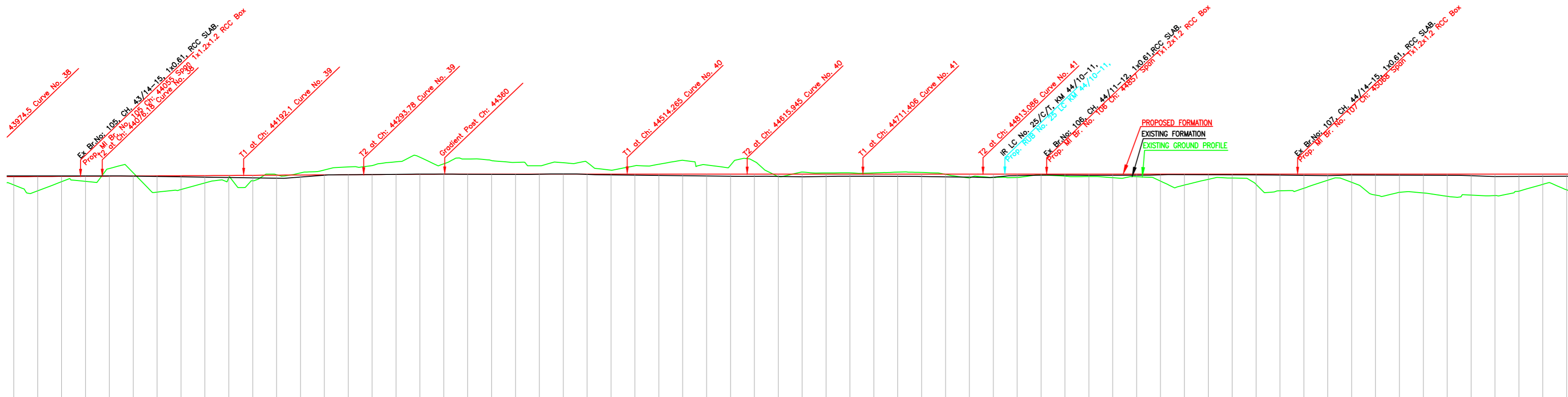
CONTRACT PACKAGE - 303

TITLE
PLAN AND PROFILE (Ch: 42900 to Ch: 44100)

SCALE
DRAWING NO.
GENERAL CONSULTANT
AECOM
AECOM Asia Co. Ltd.
5th Floor, Embassy Tower, C-12, Connaught Place, New Delhi



PLAN



L-SECTION

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

LEGEND

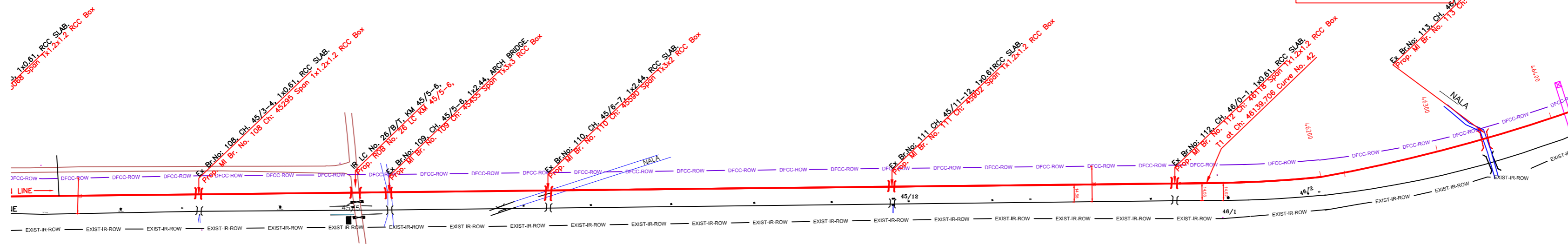
EXIST. IR TRACK	
PROP. DFCC TRACK	
EXIST. LAND BOUNDARY	
DFCC LAND BOUNDARY	
WORKS TO BE DONE BY OTHER CONTRACTOR	
PROPOSED BRIDGE	
PROP. STRUCTURE	
EXIST. STRUCTURE	
RIVER/NALA	
WELL	
TREE/TREE CLUSTER	
COMPOUND WALL	
WORK TO BE DISMANTLED	
HIGH TENSION LINE	
POND	
TELEPHONE POLE	
ELECTRIC LINE	
OHE 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: 44100 to Ch: 44300)	
SCALE	DRAWING NO.
SURVEY BY	GENERAL CONSULTANT AECOM AECOM Asia Co. Ltd. 5th Floor, Jyoti Tower C DLF Cyber City Gurgaon, Haryana 122002, India

Gradient	Rise 1 in 1713	Level	Level
Vertical Alignment			
HORIZONTAL ALIGNMENT			
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	14.16		
Cut(-)/Fill(+)(m)	0.979		
Proposed F.L (m)	208.396		
EXISTING F.L (m)	207.417		
Ground Level (m)	207.417		
Chainage (m)	44000		44300

Curve No. 42
Deflection Angle: 29°19'18"
Radius: 900
Transition Length: 70
Total Length of Curve: 530.35



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

PLAN

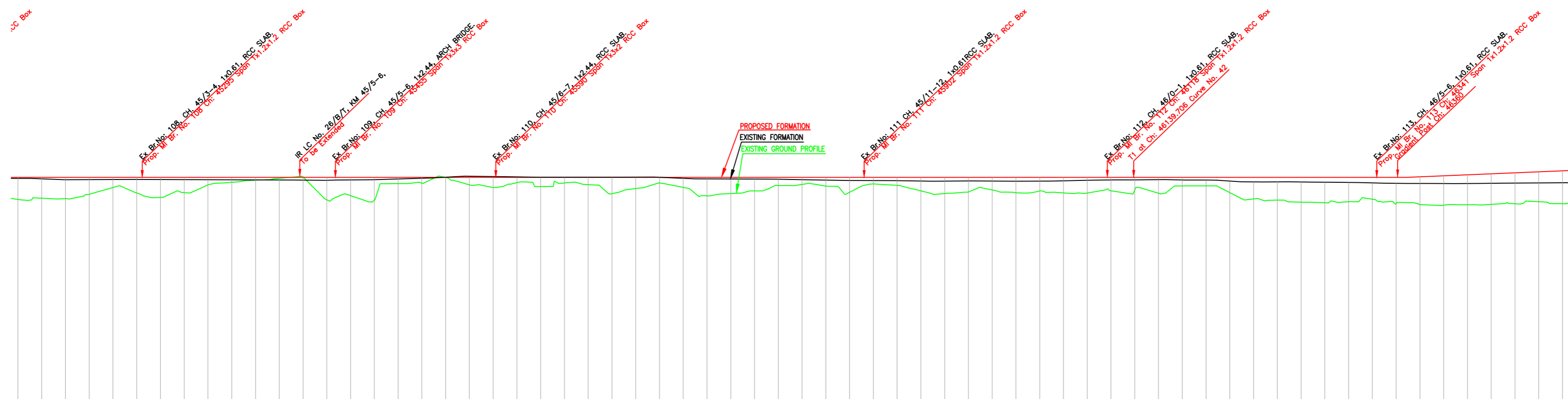


Table with columns: Gradient, Vertical Alignment, HORIZONTAL ALIGNMENT, Dist. Between Existing Main Track & Proposed Adjacent Track of DFC, Cut(-)/Fill(+)(m), Proposed F.L (m), EXISTING F.L (m), Ground Level (m), Chainage (m). Rows show detailed vertical alignment data.

L-SECTION

LEGEND

Legend table mapping symbols to features: 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.

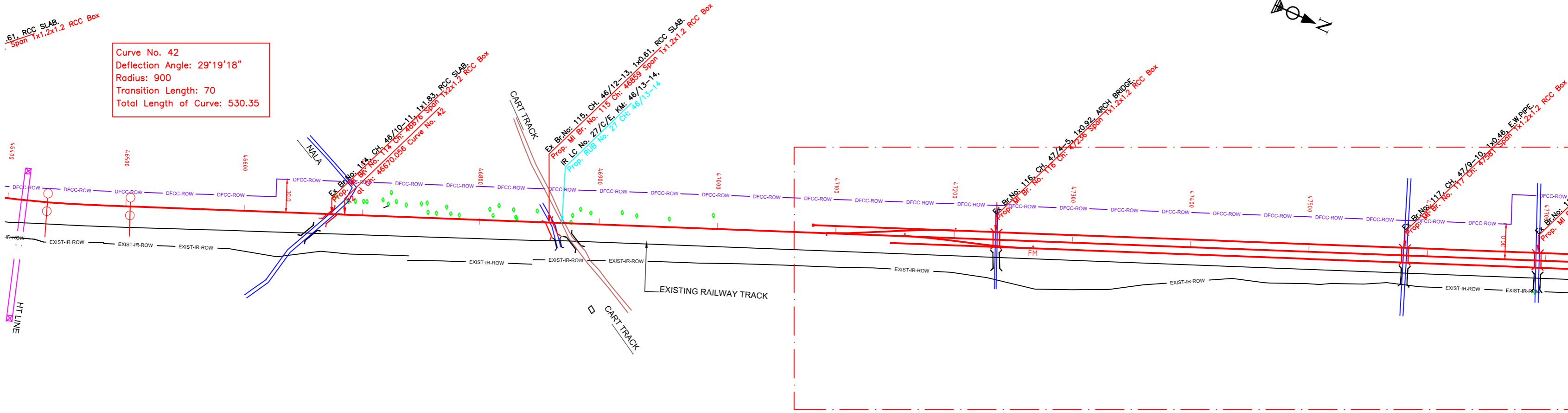
INDICATIVE DRAWING

Project details: KHURJA TO PILKHANI, From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB), CONTRACT PACKAGE - 303. Includes AECOM logo and contact information.

KHURJA

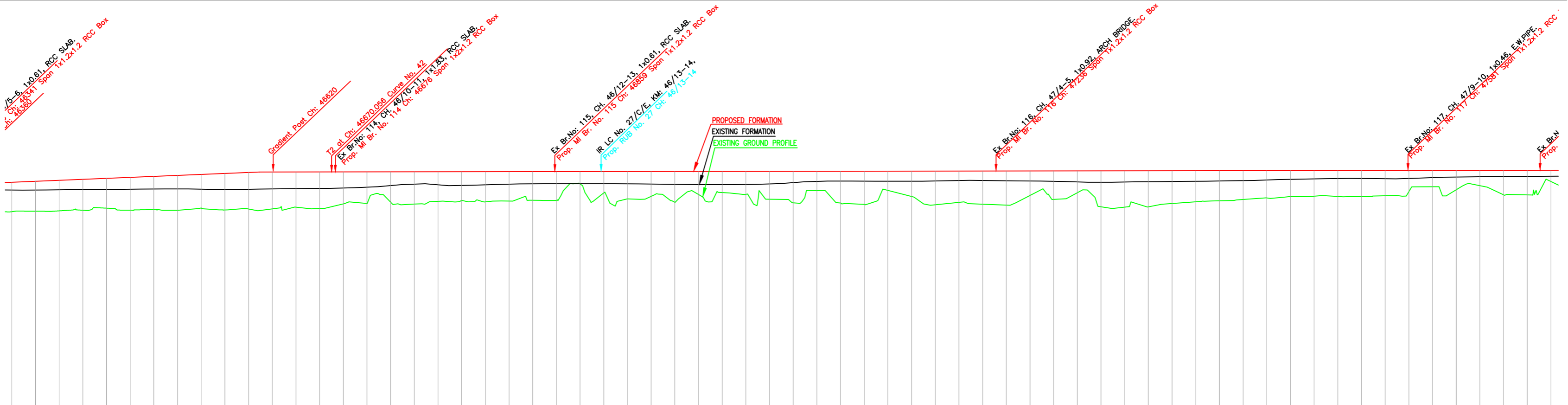
PILKHANI

PROJECT SHEET NO. 44



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

PLAN



Gradient	Rise 1 in 260	Rise 1 in 691	Rise 1 in 691
Vertical Alignment	—		
HORIZONTAL ALIGNMENT	—		
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	17.627	17.235	17.536
Cut(-)/Fill(+)(m)	2.215	2.310	2.290
Proposed F.L (m)	208.760	208.837	208.914
EXISTING F.L (m)	206.545	208.527	208.624
Ground Level (m)	208.077	208.111	208.128
Chainage (m)	46400	46460	46520

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

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

EASTERN CORRIDOR

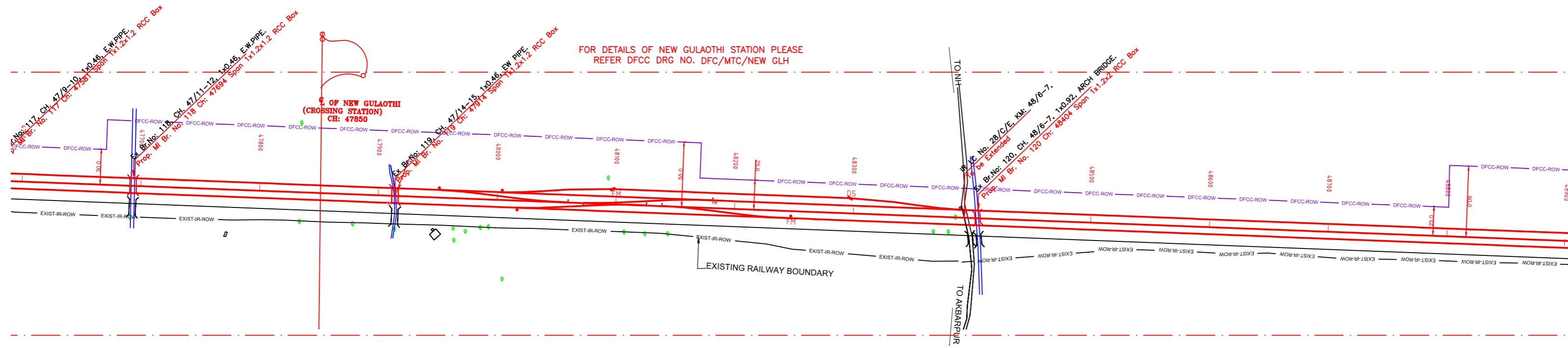
PROJECT: KHURJA TO PILKHANI
From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

CONTRACT PACKAGE - 303

TITLE: PLAN AND PROFILE (Ch: 46500 to Ch: 47700)

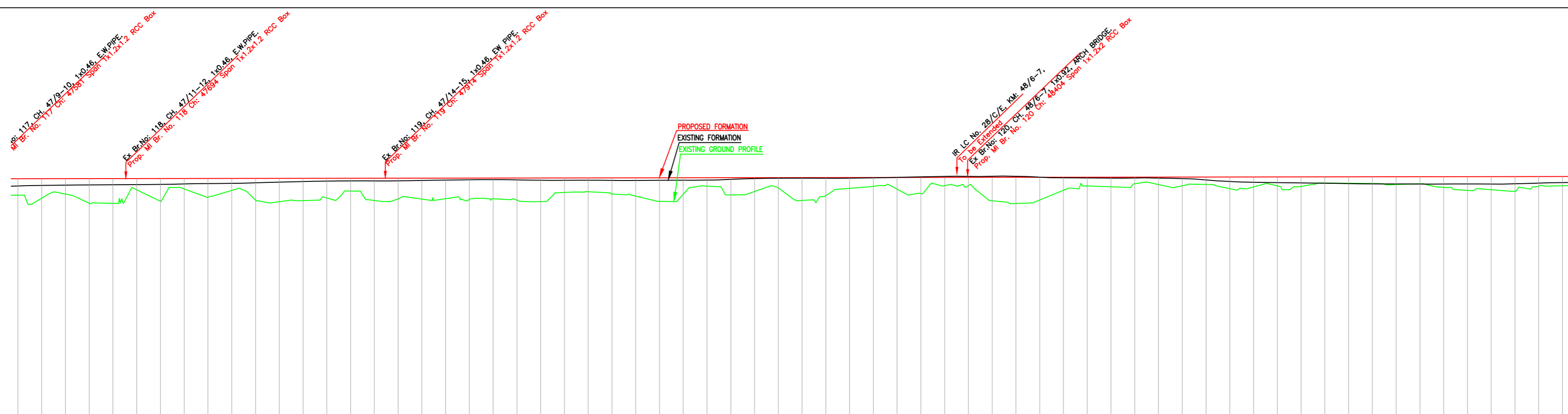
SCALE: SURVEY BY: DRAWING NO.: GENERAL CONSULTANT

AECOM AECOM Asia Co. Ltd.
6th Floor, Liberty Tower C DLF Cyber City
DLF Phase II 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 6991	
Vertical Alignment	Rise 1 in 6991	
HORIZONTAL ALIGNMENT	Rise 1 in 6991	
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	15.075	15.233
Cut(-)/Fill(+)(m)	1.918	0.908
Proposed F.L (m)	209.746	209.746
EXISTING F.L (m)	209.174	209.174
Ground Level (m)	207.828	207.828
Chainage (m)	47600	48900

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

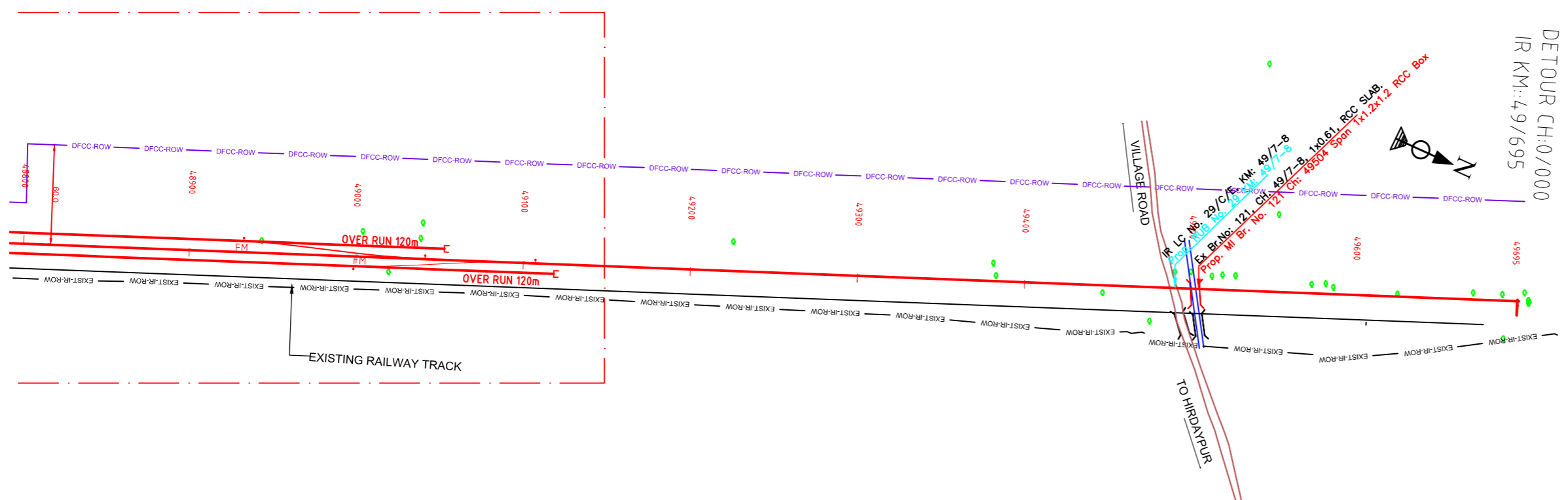
PROJECT
KHURJA TO PILKHANI
From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

CONTRACT PACKAGE - 303

TITLE
PLAN AND PROFILE (Ch: 47700 to Ch: 48900)

SCALE
DRAWING NO.

SURVEY BY
GENERAL CONSULTANT
AECOM
AECOM Asia Co. Ltd.
5th Floor, Jangra Tower C DLF Cyber City
DLF Phase II Gurgaon 122002, India

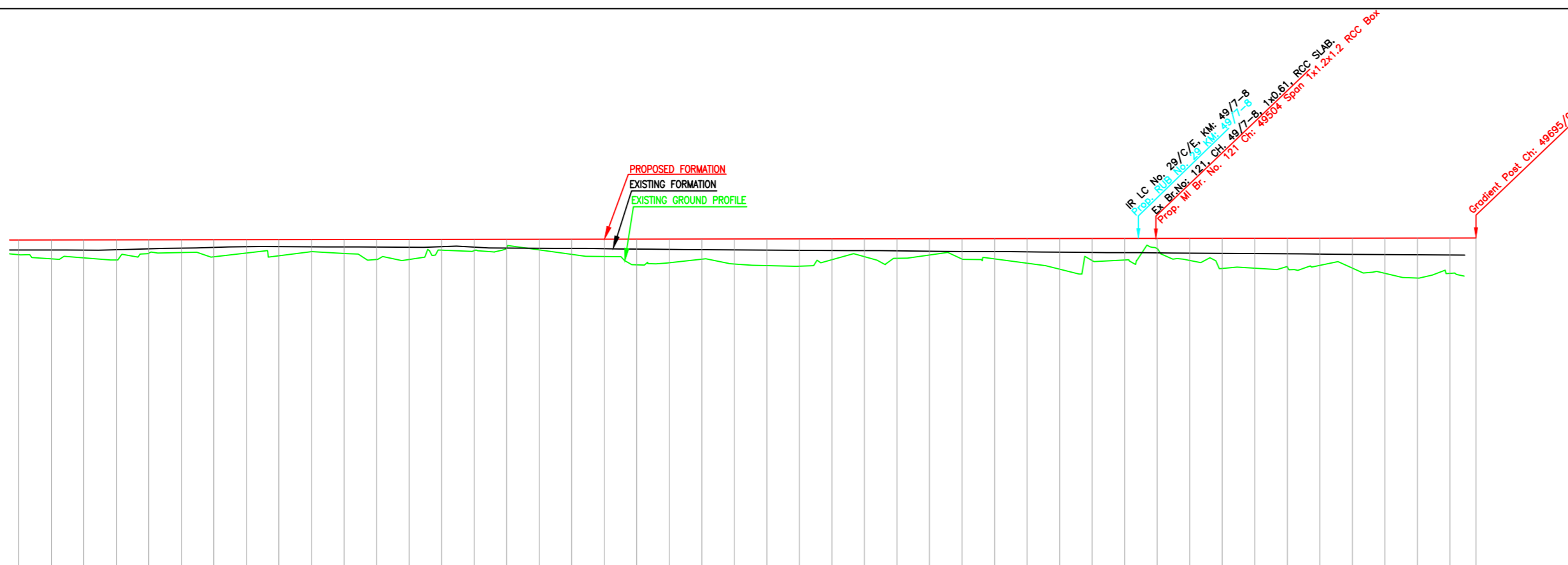


PLAN

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	



L-SECTION

Gradient	Rise 1 in 6991	
Vertical Alignment		
HORIZONTAL ALIGNMENT		
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	15.220	15.223
Cut(-)/Fill(+)(m)	0.844	0.775
Proposed F.L (m)	209.916	209.921
EXISTING F.L (m)	209.072	209.146
Ground Level (m)	209.074	209.146
Chainage (m)	48800	48820

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

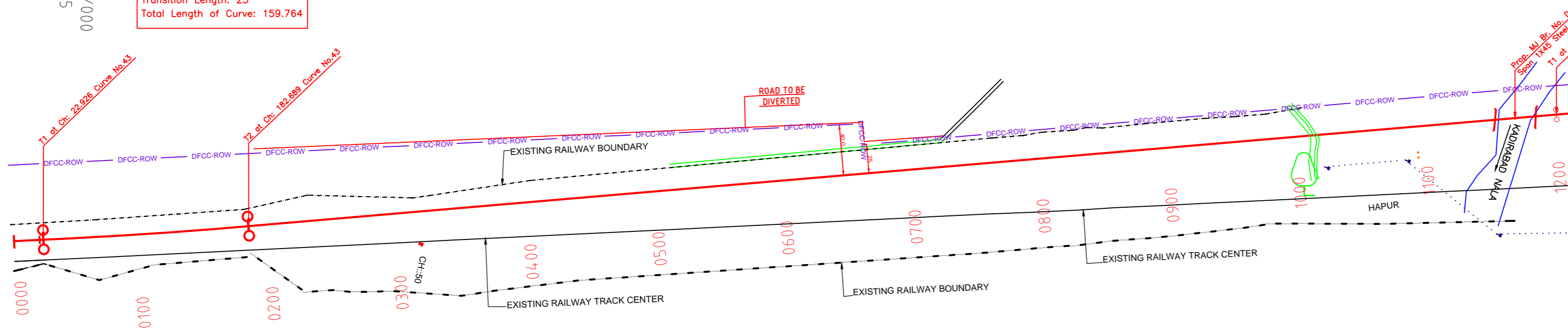
TITLE
PLAN AND PROFILE (Ch: 48900 to Ch: 49695)

SCALE
DRAWING NO.

SURVEY BY
GENERAL CONSULTANT
AECOM AECOM Asia Co. Ltd.
9th Floor, Embassy Tower, C-2/F, Connaught Place, New Delhi

DETOUR CH:0/000
IR KM:49/695

Curve No. 43
Deflection Angle: 2°12'22.04"
Radius: 3500
Transition Length: 25
Total Length of Curve: 159.764

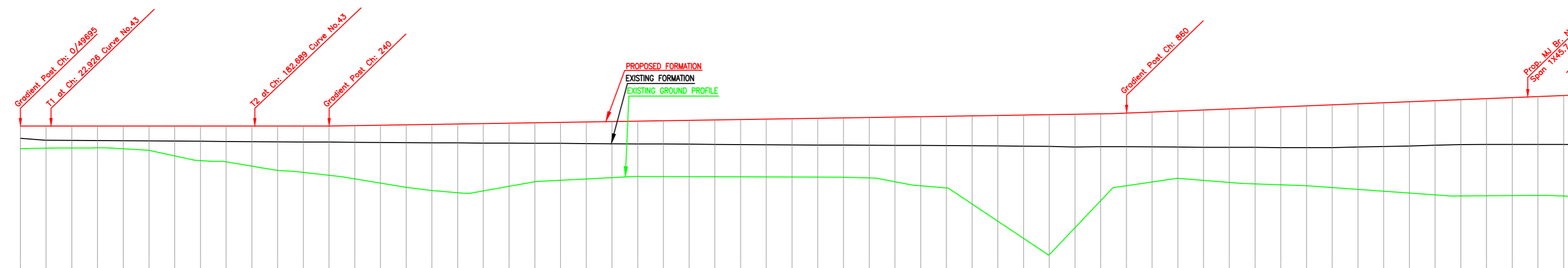


PLAN

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

LEGEND

Legend table with symbols for: 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.



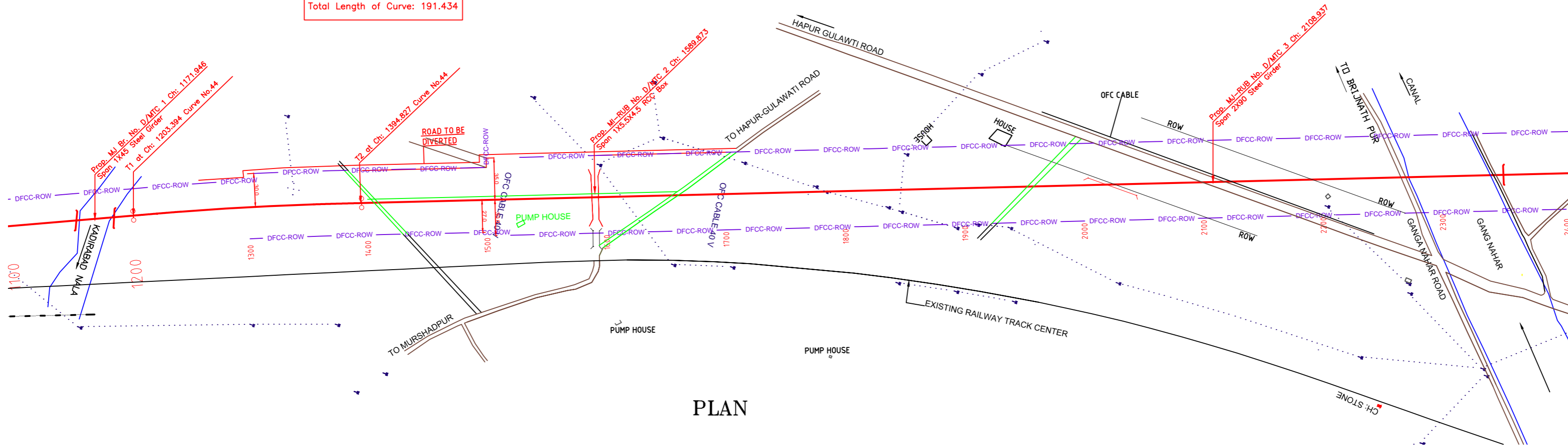
L-SECTION

Table with columns: Gradient, Vertical Alignment, HORIZONTAL ALIGNMENT, Dist. Between Existing Main Track & Proposed Adjacent Track of DFCC, Cut(-)/Fill(+)(m), Proposed F.L (m), EXISTING F.L (m), Ground Level (m), Chainage (m). Contains numerical data for the track profile.

INDICATIVE DRAWING

Project information block including: Logo of AECOM, Project Name: KHURJA TO PILKHANI, Contract Package: - 303, Title: PLAN AND PROFILE (Ch: 0 to Ch: 1200), and Survey by: AECOM Asia Co. Ltd.

Curve No. 44
Deflection Angle: 3°28'14.18"
Radius: 2500
Transition Length: 40
Total Length of Curve: 191.434

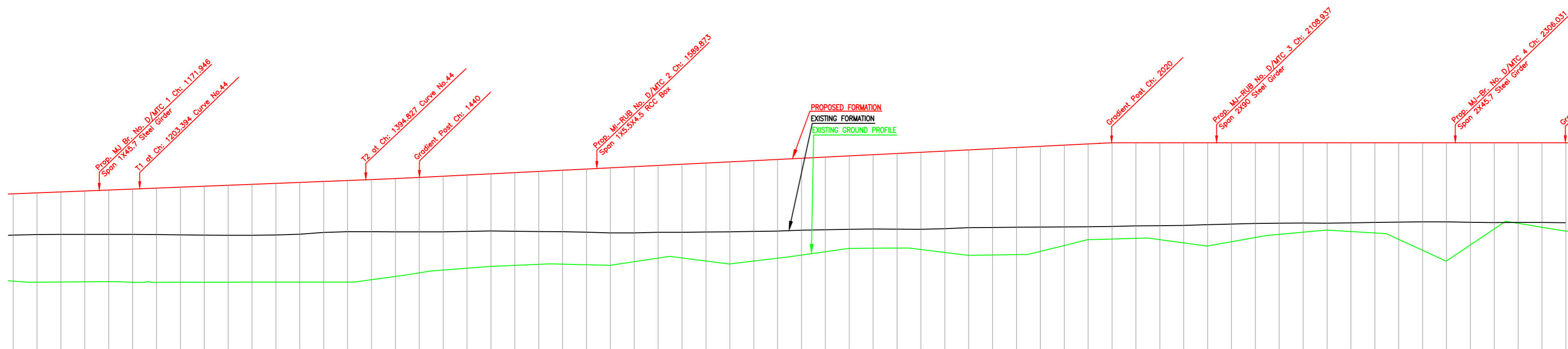


PLAN

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 248	Rise 1 in 200	Level
Vertical Alignment			
HORIZONTAL ALIGNMENT			
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	52.854	53.442	54.158
Cut(-)/Fill(+)(m)	7.324	7.492	7.559
Proposed F.L (m)	208.550	212.021	212.425
EXISTING F.L (m)	204.697	208.605	208.599
Ground Level (m)	204.610	208.614	208.619
Chainage (m)	1100	1200	1300

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: 1200 to Ch: 2400)

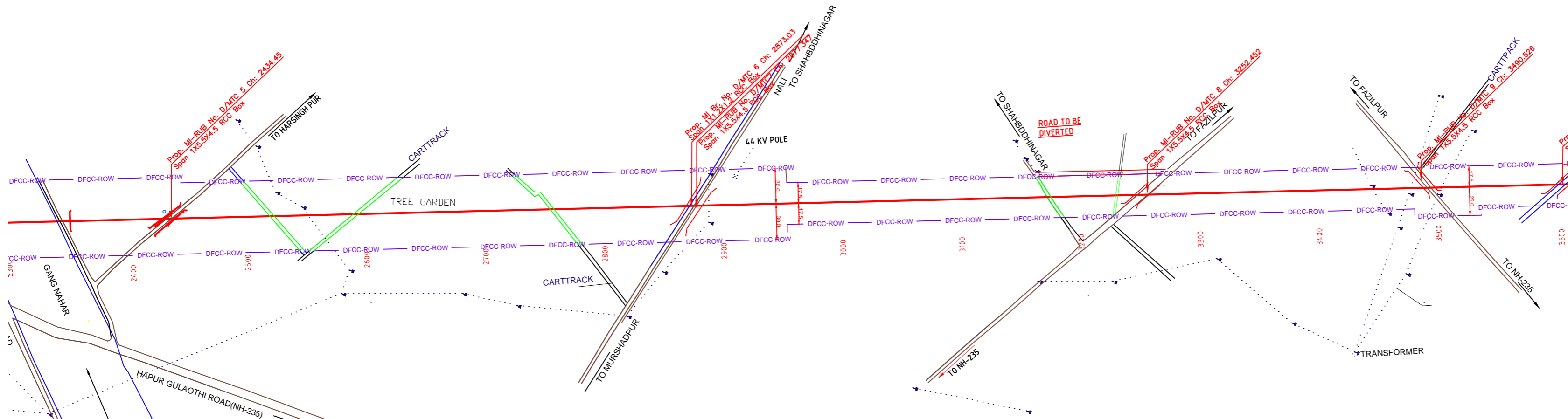
SCALE
DRAWING NO.

SURVEY BY
GENERAL CONSULTANT
AECOM
AECOM Asia Co. Ltd.
5th Floor, Embassy Tower C, DLF Cyber City
DLF Phase II Gurgaon 122002, India

KHURJA

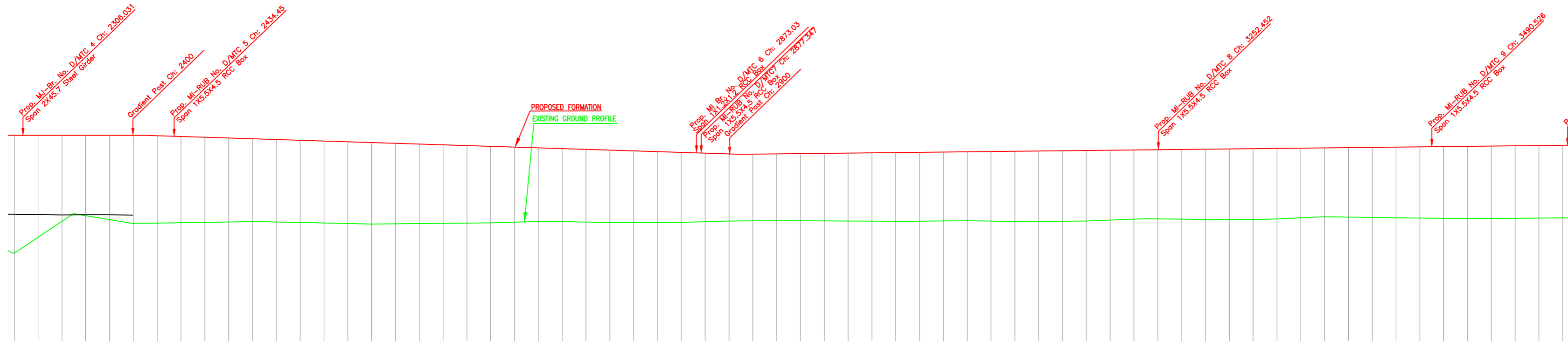
PILKHANI

PROJECT SHEET NO. 49



PLAN

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



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	

Gradient	Fall 1 in 322		Rise 1 in 952																																																															
Vertical Alignment																																																																		
HORIZONTAL ALIGNMENT																																																																		
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	DETOUR																																																																	
Cut(-)/Fill(+)(m)	DETOUR																																																																	
Proposed F.L (m)	DETOUR																																																																	
EXISTING F.L (m)	DETOUR																																																																	
Ground Level (m)	DETOUR																																																																	
Chainage (m)	2300	2320	2340	2360	2380	2400	2420	2440	2460	2480	2500	2520	2540	2560	2580	2600	2620	2640	2660	2680	2700	2720	2740	2760	2780	2800	2820	2840	2860	2880	2900	2920	2940	2960	2980	3000	3020	3040	3060	3080	3100	3120	3140	3160	3180	3200	3220	3240	3260	3280	3300	3320	3340	3360	3380	3400	3420	3440	3460	3480	3500	3520	3540	3560	3580	3600

INDICATIVE DRAWING

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

EASTERN CORRIDOR

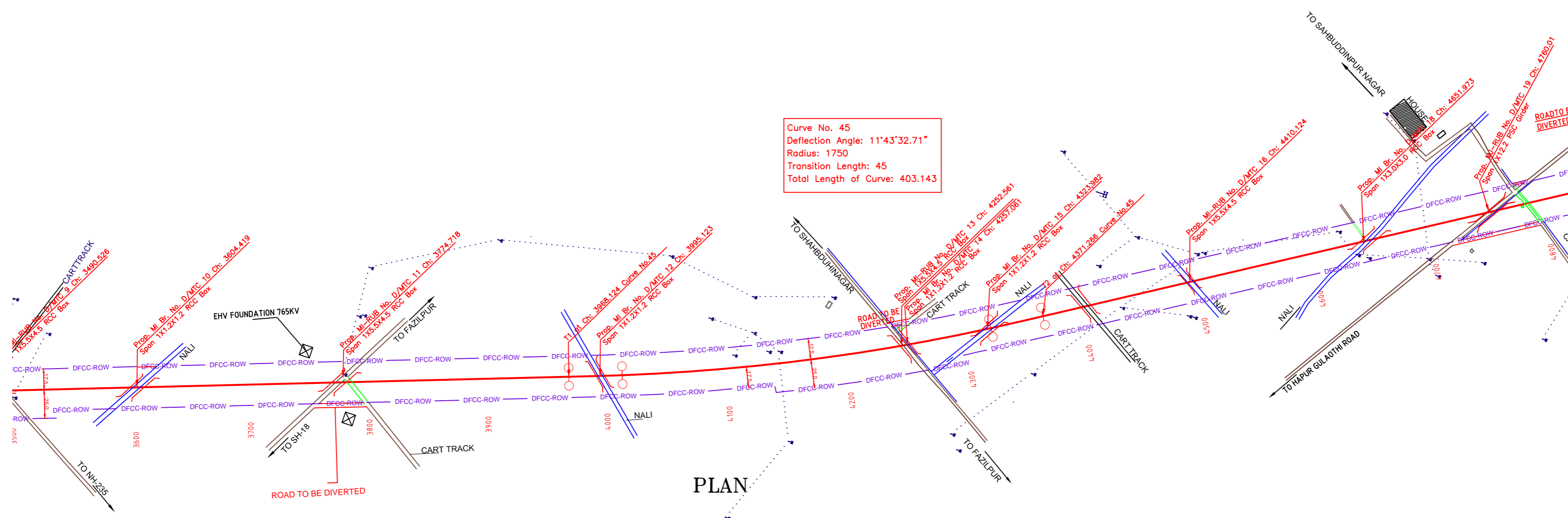
PROJECT
KHURJA TO PILKHANI
From Km 1367 (ALJN-GZB) to Km 187.5 (SRE-UMB)

CONTRACT PACKAGE - 303

TITLE
PLAN AND PROFILE (Ch: 2400 to Ch: 3600)

SCALE
DRAWING NO.

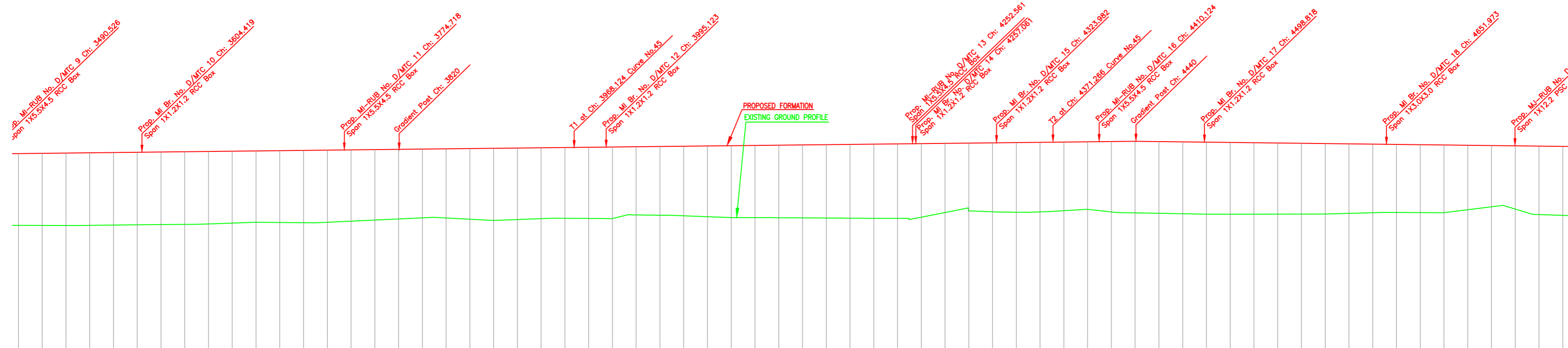
SURVEY BY
GENERAL CONSULTANT
AECOM
AECOM Asia Co. Ltd.
5th Floor, Embassy Tower C DLF Cyber City
DLF Phase II Gurgaon 122002, India



Curve No. 45
Deflection Angle: 11°43'32.71"
Radius: 1750
Transition Length: 45
Total Length of Curve: 403.143

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

PLAN



L-SECTION

Gradient	Rise 1 in 902		Fall 1	
Vertical Alignment	Rise 1 in 902		Fall 1	
HORIZONTAL ALIGNMENT	Rise 1 in 902		Fall 1	
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	DETOUR			
Cut(-)/Fill(+)(m)	6.052	6.076	6.100	6.108
Proposed F.L (m)	215.368	215.389	215.410	215.431
EXISTING F.L (m)	209.316	209.313	209.310	209.322
Ground Level (m)	209.316	209.313	209.310	209.322
Chainage (m)	3500	3520	3540	3560

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

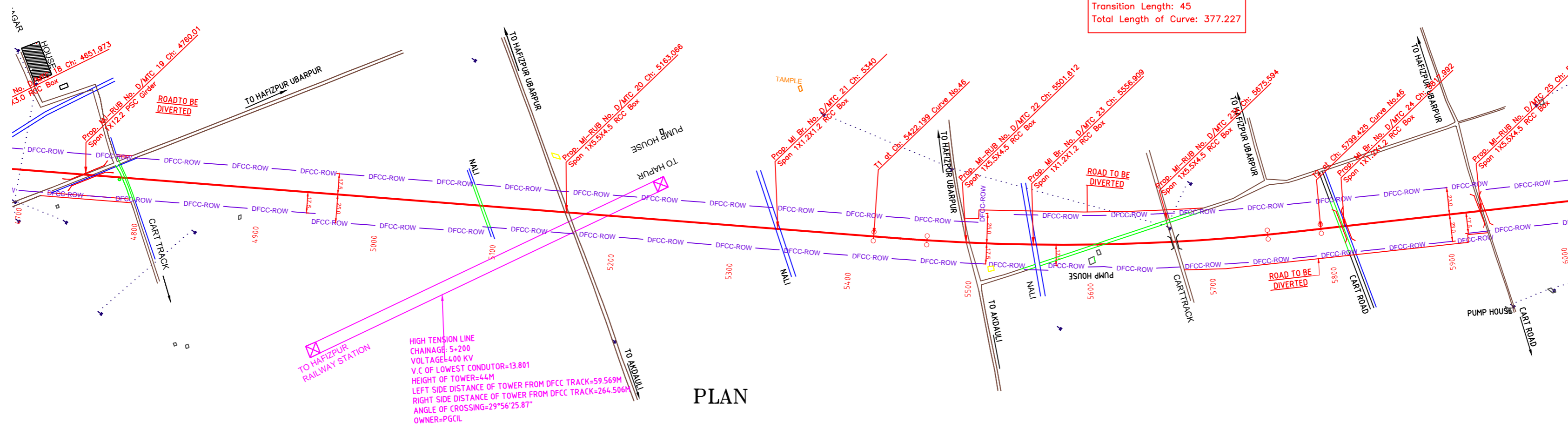
TITLE
PLAN AND PROFILE (Ch: 3600 to Ch: 4800)

SCALE
DRAWING NO.
SURVEY BY
GENERAL CONSULTANT
AECOM
AECOM Asia Co. Ltd.
5th Floor, Embassy Tower C DLF Cyber City
DLF Phase II Gurgaon 122002, INDIA

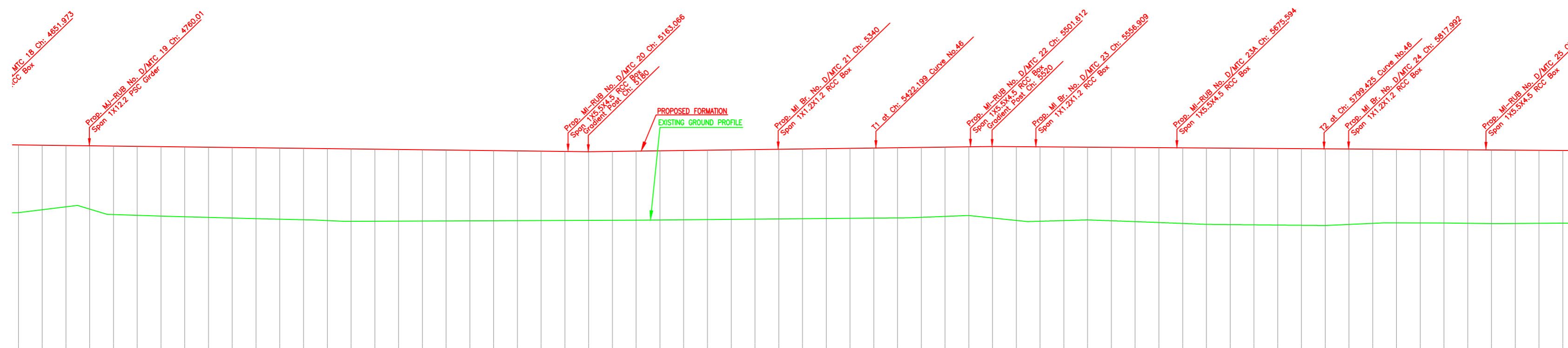
KHURJA ←

→ PILKHANI

Curve No. 46
Deflection Angle: 10°52'38.1"
Radius: 1750
Transition Length: 45
Total Length of Curve: 377.227



PLAN



L-SECTION

Gradient	Fall 1 in 839	215.329	Rise 1 in 771	215.329	Fall 1 in 1425
Vertical Alignment	[Profile curve showing ground and formation levels]				
HORIZONTAL ALIGNMENT	[Horizontal track alignment]				
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	DETOUR				
Cut(-)/Fill(+)(m)	5.702	5.429	5.156	5.311	5.758
Proposed F.L (m)	216.081	216.007	216.033	216.010	215.986
EXISTING F.L (m)	210.379	210.628	210.877	210.699	210.228
Ground Level (m)	210.379	210.628	210.877	210.699	210.228
Chainage (m)	4700	4720	4740	4760	4780

LEGEND

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

INDICATIVE DRAWING

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

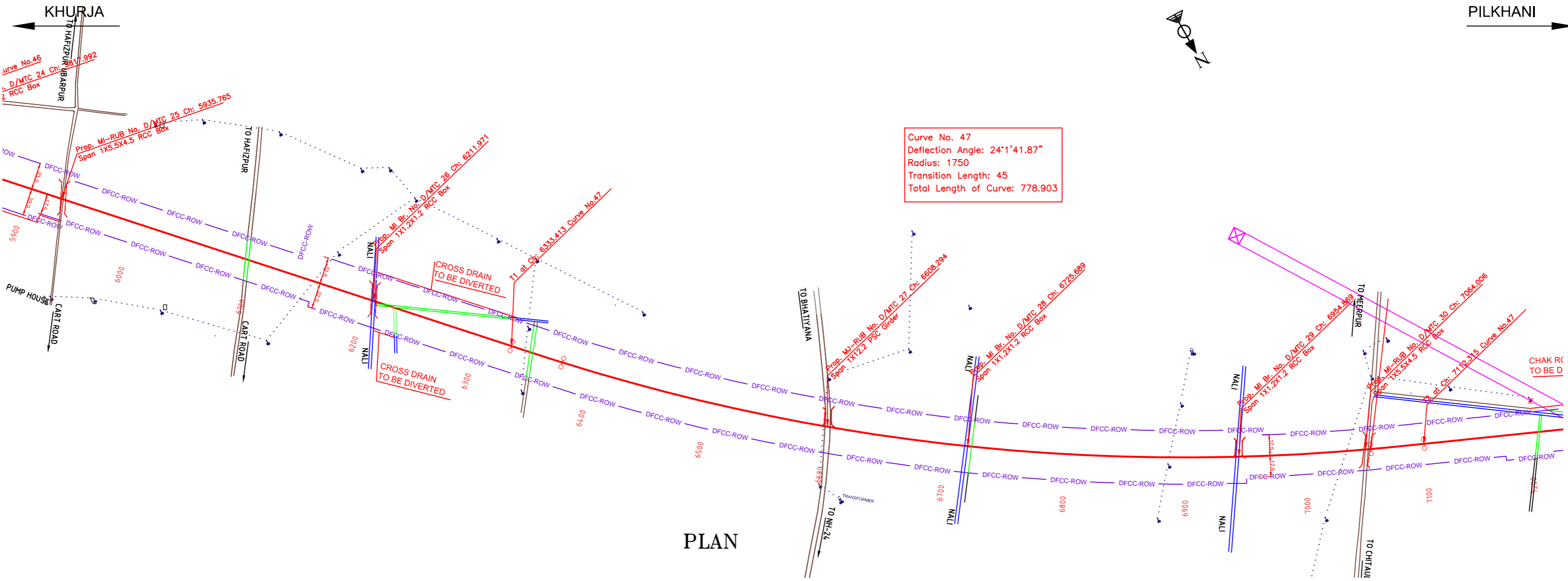
EASTERN CORRIDOR

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

CONTRACT PACKAGE - 303

TITLE
PLAN AND PROFILE (Ch: 4800 to Ch: 6000)

SCALE
DRAWING NO.
SURVEY BY
GENERAL CONSULTANT
AECOM
AECOM Asia Co. Ltd.
5th Floor, Gateway Tower C, DLF Cyber City
DLF Phase II Gurgaon 122002, India.

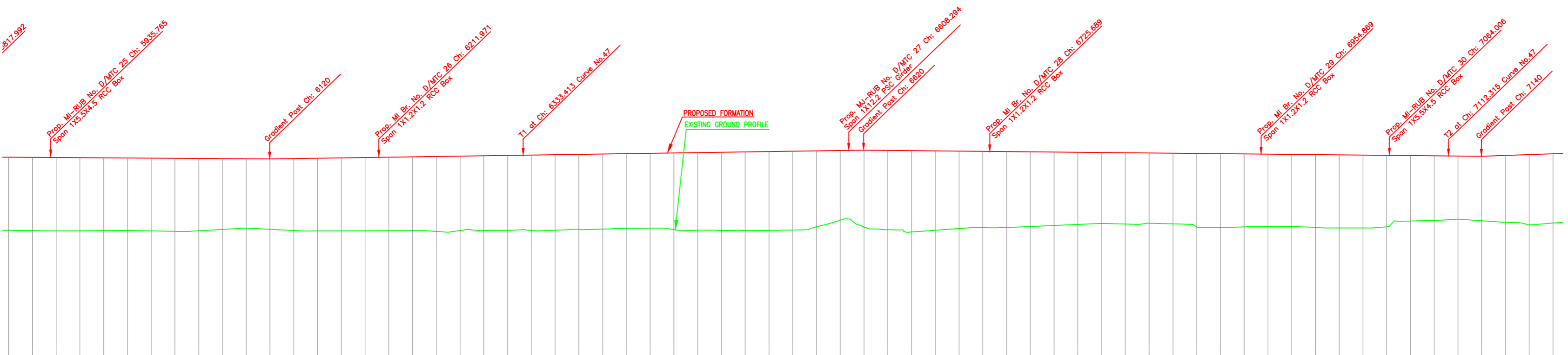


PLAN

Curve No. 47
 Deflection Angle: 24°1'41.87"
 Radius: 1750
 Transition Length: 45
 Total Length of Curve: 778.903

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	
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	



L-SECTION

Gradient		Rise 1 in 667		Fall 1 in 1006	
Vertical Alignment					
HORIZONTAL ALIGNMENT					
Dist. Between Existing Main Track & Proposed Adjacent Track of DFC	DETOUR				
Cut(-)/Fill(+)(m)	6.170	6.176	6.182	6.170	6.141
Proposed F.L (m)	215.683	215.689	215.655	215.641	215.627
EXISTING F.L. (m)	215.683	215.689	215.655	215.641	215.627
Ground Level (m)	209.513	209.483	209.473	209.471	209.486
Chainage (m)	5900	5920	5940	5960	5980
	6000	6020	6040	6060	6080
	6100	6120	6140	6160	6180
	6200	6220	6240	6260	6280
	6300	6320	6340	6360	6380
	6400	6420	6440	6460	6480
	6500	6520	6540	6560	6580
	6600	6620	6640	6660	6680
	6700	6720	6740	6760	6780
	6800	6820	6840	6860	6880
	6900	6920	6940	6960	6980
	7000	7020	7040	7060	7080
	7100	7120	7140	7160	7180
	7200				

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: 6000 to Ch: 7200)

SCALE
 DRAWING NO.
 GENERAL CONSULTANT
AECOM AECOM Asia Co. Ltd.
 8TH FLOOR, UNITARY TOWER C DLF GROUND CITY
 DLF PHASE II Gurgaon 122002, INDIA