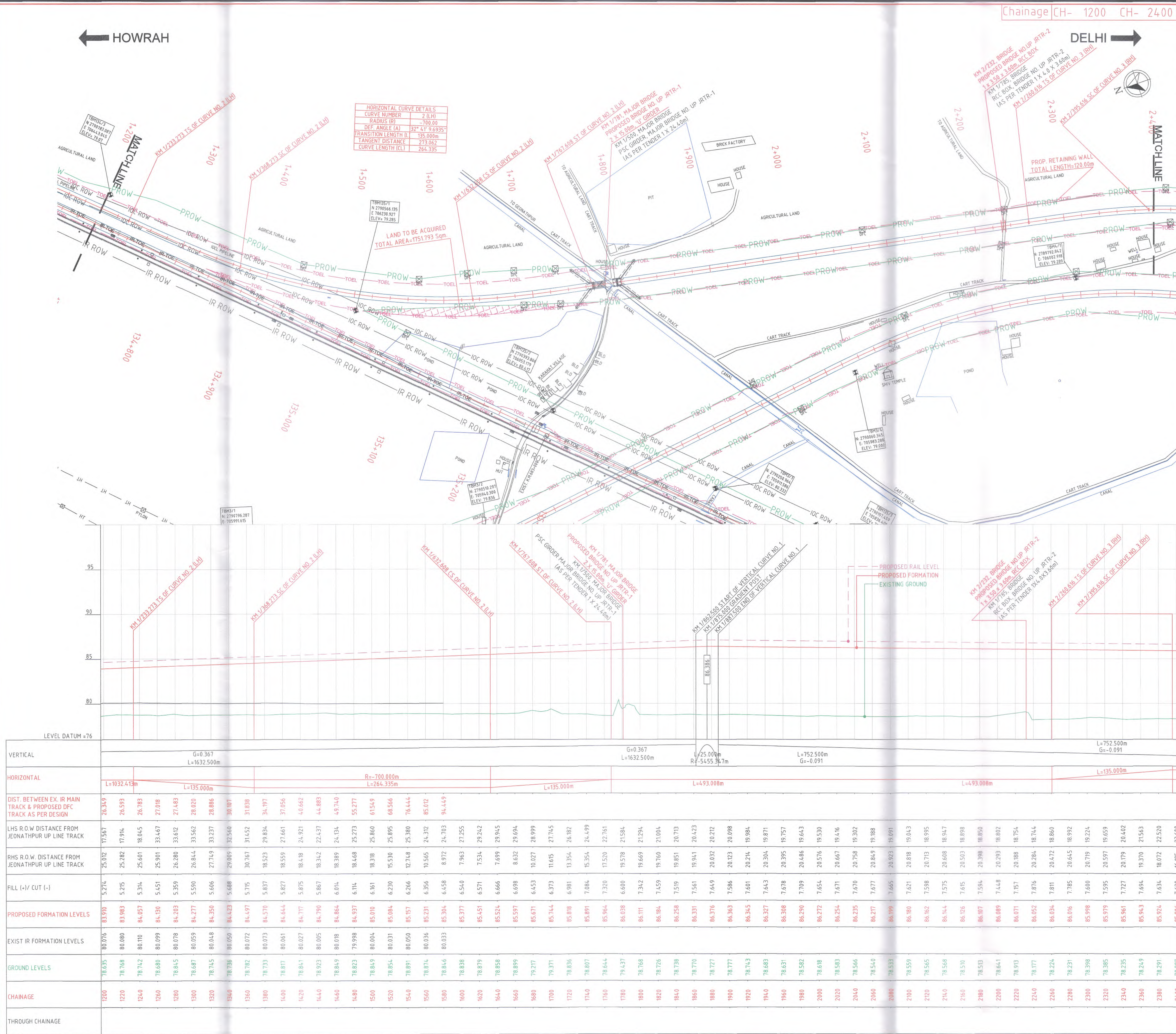




SECTION-CP-201

LEGEND:-

EXISTING IR TRACK

PROPOSED DFCC TRACK

DFCC ROW LINE

EXISTING IR TOE LINE

DFCC TOE LINE

FLOW DIRECTION

NOTES:-

1. ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE.

2. ALL COORDINATES ARE BASED ON WGS 84 PROJECTION IN UTM ZONE 44.

3. TOP WIDTH OF FORMATION IS 13.5M FOR DOUBLE LINE IN STRAIGHT SECTION.

4. CHAINAGE AND LEVELS AS SHOWN IN THE DRAWING IS BASED ON THE DFCC DOWN LINE

5. EQUILIBRIUM SPEED HAS BEEN TAKEN 85 KM/H.

6. TRACK CENTER BETWEEN MAIN LINES OF DFC HAS BEEN KEPT AS MIN. 6.0M AT STRAIGHT SECTION.

7. DRAIN SHALL BE PROVIDED BETWEEN IR AND DFC TRACKS TO DRAIN OUT RAINWATER.

8. PUBLIC UTILITIES, HT/LT LINES, ETC. INTERFERING DFC TRACKS SHALL BE RELOCATED

9. AT THE LOCATIONS WHERE FORMATION HEIGHT IS <1.75m, IT IS PROPOSED TO MAKE THE FORMATION HEIGHT TO 1.750m BY CUTTING THE EARTH

10. FOR LEGEND AND ABBREVIATION REFER RELEVANT DRAWING.

EMPLOYER :

DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT :

EASTERN DEDICATED FREIGHT CORRIDOR (PACKAGE - 201)

TITLE :

ALIGNMENT PLAN & PROFILE (JEONATHPUR UP LINK LINE)

FROM KM. 1/200 TO KM. 2/400

DRAWING NO.

SIZE

REV

SCALE

P 2

AL 0 1 4 7

C

HOR:- 1 : 2000, VER:- 1 : 200

REVIEWS

REV

DATE

REMARKS

A

15/02/2016

PRELIMINARY DESIGN

B

14/04/2016

Ltr No.PMCS/EDFC2/LT/2016/00686 Comments Incorporated

C

19/05/2016

Ltr No.PMCS/EDFC2/LT/2016/01196 Comments Incorporated

DRAWING STAGE

☒ FOR APPROVAL

☐ GOOD FOR CONSTRUCTION

PMC :

SYSTRA - Mott MacDonald JV

CONTRACTOR :

GIL - SIL JV

DESIGN CONSULTANT:

STUP Consultants Pvt. Ltd.

REGISTERED OFFICE :

1004-5 RAHEJA CHAMBERS, NARIMAN POINT, MUMBAI 400 021.

OFFICE OF ORIGIN

KOLKATA

DRAWN

DATE

NAME

SIGN

CHKD.

19/05/2016

TC

APPD.

19/05/2016

S. MITRA

SUBMITTED BY

GIL-SIL JV

DATE

NAME

SIGN

CHKD.

02-07-19

Rajesh Kumar Gupta

APPD.

02-07-19

NISHITH K. SINGH

NOC BY

SYSTRA - Mott MacDonald JV

DATE

NAME

SIGN

CHKD.

06-07-19

ANURANTAN PRASAD

NOC

06-07-19

R. Ameyan

APPROVAL BY

DFCC

DATE

NAME

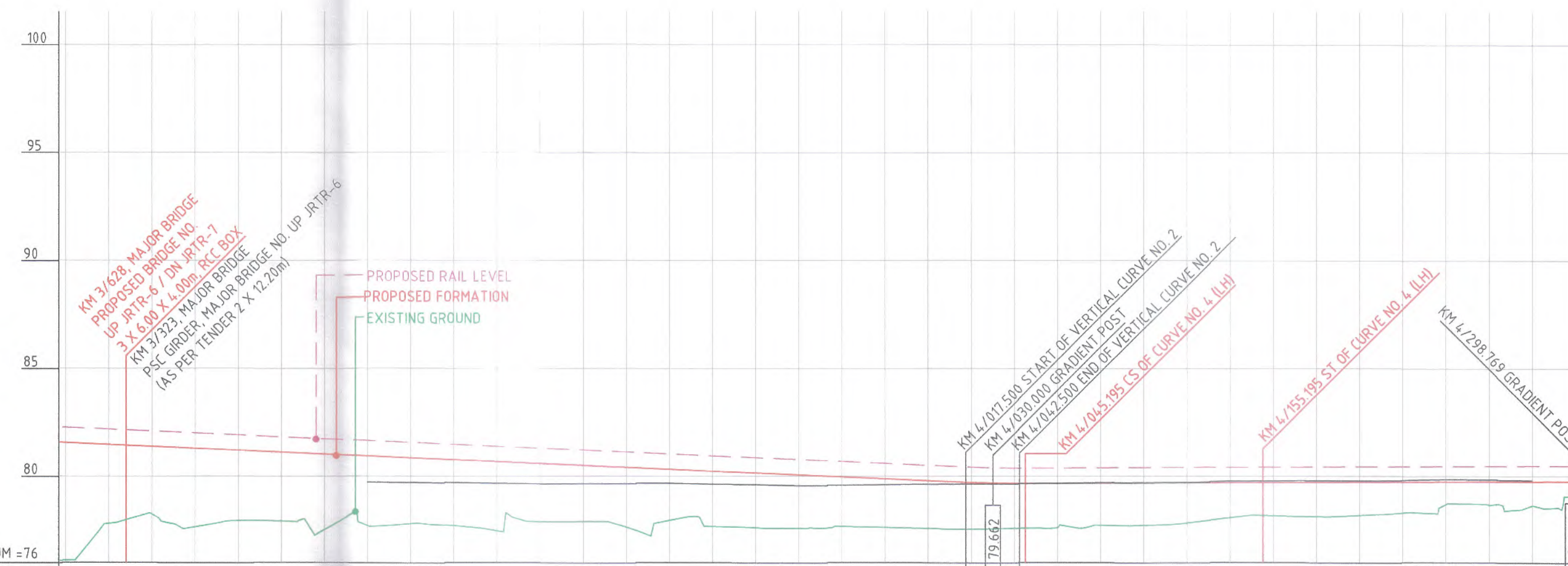
SIGN

CHKD.

APPD.

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DELHI —



LEGEND:-

- EXISTING IR TRACK
- PROPOSED DFCC TRACK
- DFCC ROW LINE
- EXISTING IR TOE LINE
- DFCC TOE LINE
- FLOW DIRECTION

EMPLOYER :  DEDICATED FREIGHT CORRIDOR
CORPORATION OF INDIA LTD.

PROJECT : EASTERN DEDICATED FREIGHT
CORRIDOR (PACKAGE - 201)

TITLE : **ALIGNMENT PLAN & PROFILE
(JEONATHPUR UP LINK LINE)
FROM KM. 3/600 TO KM. 4/298**

DRAWING NO.							SIZE	REV	SCALE
P	2	AL	0	1	4	9	A1	C	HOR:- 1 : 2000, VER:- 1 : 200

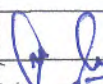
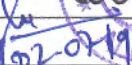
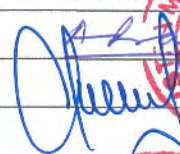
REVIEWS		
REV	DATE	REMARKS
A	15/02/2016	PRELIMINARY DESIGN
B	14/04/2016	Ltr No.PMCS/EDFC2/LT/2016/00686 Comments Incorporated
C	19/05/2016	Ltr No.PMCS/EDFC2/LT/2016/01196 Comments Incorporated

DRAWING STAGE	
☒	FOR APPROVAL
☐	GOOD FOR CONSTRUCTION

PMC :  SYSTRA - Mott MacDonald JV

CONTRACTOR :  GIL - SIL JV

	DESIGN CONSULTANT: STUP Consultants Pvt. Ltd.	
	REGISTERED OFFICE : 1004-5 RAHEJA CHAMBERS, NARIMAN POINT, MUMBAI 400 021.	OFFICE OF ORIGIN KOLKATA

	DATE	NAME	SIGN.
DRAWN	19/05/2016	TC	
CHKD.	19/05/2016		
APPD.	19/05/2016	S. MITRA	
SUBMITTED BY GIL-SIL JV			
	DATE	NAME	SIGN.
CHKD.	02.07.19	Reebab K. Garghola	
APPD.	02.07.19	NISHEEGH K. SINGH	
NOC BY SYSTRA - Mott MacDonald JV			
	DATE	NAME	SIGN.
CHKD.	06.07.19	ANURANJAN PRASAD	
NOC	06.7.19	P. Anjanankos	
APPROVAL BY DFCC			
	DATE	NAME	SIGN.
CHKD.			
APPD.			

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COPIED OR REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.

Chainage CH- -4500 CH- -3600

SECTION-CP-201

← HOWRAH

DELHI →

LEGEND:-

- +++++ EXISTING IR TRACK
- PROW— PROW— PROPOSED DFCC TRACK
- IR-TOE— IR-TOE— DFCC ROW LINE
- TOEL— TOEL— EXISTING IR TOE LINE
- TOEL— TOEL— DFCC TOE LINE

NOTES:-

1. ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE.
2. ALL COORDINATES ARE BASED ON WGS 84 PROJECTION IN UTM ZONE 44.
3. TOP WIDTH OF FORMATION IS 13.5M FOR DOUBLE LINE IN STRAIGHT SECTION.
4. CHAINAGE AND LEVELS AS SHOWN IN THE DRAWING IS BASED ON THE DFC DOWN LINE
5. EQUILIBRIUM SPEED HAS BEEN TAKEN 85 KMPH.
6. TRACK CENTER BETWEEN MAIN LINES OF DFC HAS BEEN KEPT AS MIN. 6.0M AT STRAIGHT SECTION.
7. DRAIN SHALL BE PROVIDED BETWEEN IR AND DFC TRACKS TO DRAIN OUT RAINWATER.
8. PUBLIC UTILITIES, HT/LT LINES, ETC. INTERFERING DFC TRACKS SHALL BE RELOCATED
9. AT THE LOCATIONS WHERE FORMATION HEIGHT IS <1.75m, IT IS PROPOSED TO MAKE THE FORMATION HEIGHT TO 1.75m BY CUTTING THE EARTH
10. FOR LEGEND AND ABBREVIATION REFER RELEVANT DRAWING.

EMPLOYER :



DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT :

EASTERN DEDICATED FREIGHT CORRIDOR (PACKAGE - 201)

TITLE :

ALIGNMENT PLAN & PROFILE (JEONATHPUR DN LINK LINE) FROM KM. -4/500 TO KM. -3/600

DRAWING NO.

SIZE

REV

SCALE

P 2 AL 0 1 5 0 A1 D HOR:- 1 : 2000, VER:- 1 : 200

REVIEWS

REV	DATE	REMARKS
A	15/02/2016	PRELIMINARY DESIGN
B	14/04/2016	Ltr No.PMCS/EDFC2/LTT/2016/00686 Comments Incorporated
C	19/05/2016	Ltr No.PMCS/EDFC2/LTT/2016/01196 Comments Incorporated
D	23/03/2018	AS PER REVISED ESP REVISION - E

DRAWING STAGE

☒ FOR APPROVAL

☐ GOOD FOR CONSTRUCTION

PMC :



SYSTRA - Mott MacDonald JV

CONTRACTOR :



GIL - SIL JV



DESIGN CONSULTANT:

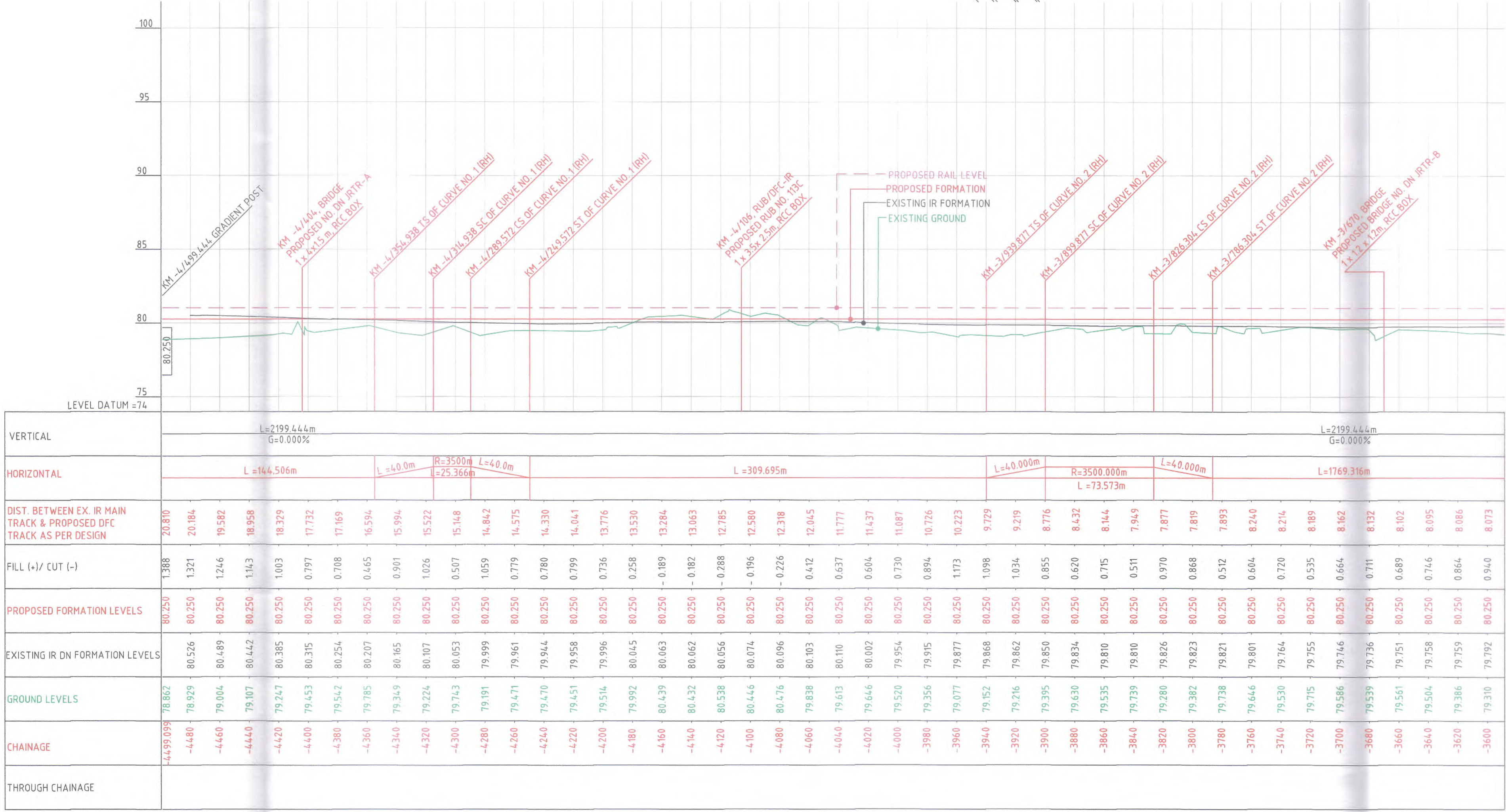
STUP Consultants Pvt. Ltd.

REGISTERED OFFICE : 1004-5 RAHEJA CHAMBERS, NARIMAN POINT, MUMBAI 400 021.

OFFICE OF ORIGIN KOLKATA

DATE	NAME	SIGN.
DRAWN 23/03/2018	TC	
CHKD. 23/03/2018		
APPD. 23/03/2018	S. Mitter	
SUBMITTED BY GIL-SIL JV		
DATE	NAME	SIGN.
CHKD. 02.07.19	Reshmi Ghosh	
APPD. 02.07.19	NISHITA K. SINGH	
NOC BY SYSTRA - Mott MacDonald JV		
DATE	NAME	SIGN.
CHKD. 06.07.19	ANURANTAN PRASAD	
NOC 06.07.19	R. Arun Kumar	
APPROVAL BY DFCC		
DATE	NAME	SIGN.
CHKD.		
APPD.		

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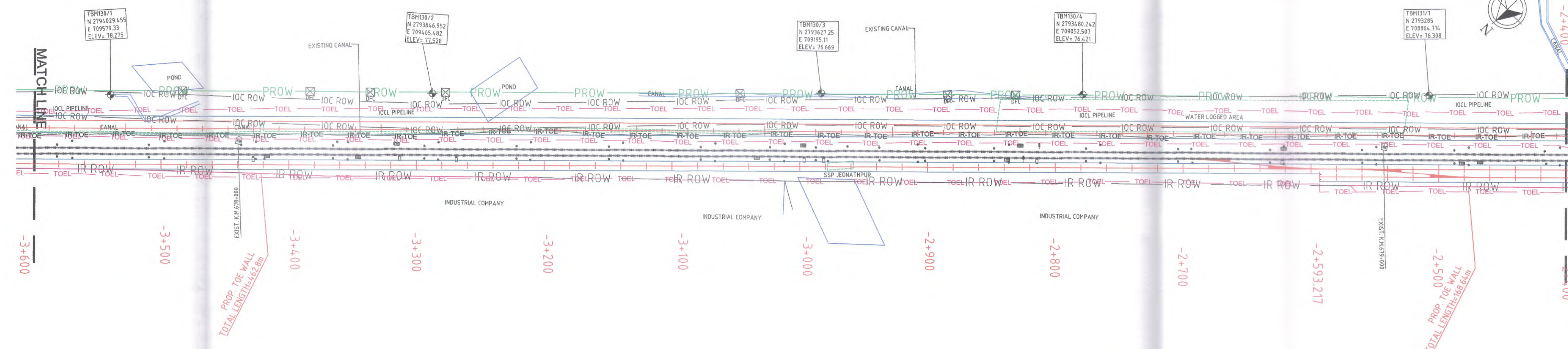


HORIZONTAL CURVE DETAILS	
CURVE NUMBER	1 (RH)
RADIUS (R)	3500.00
DEF. ANGLE (A)	1° 4' 12.31"
TRANSITION LENGTH (L)	40.000m
TANGENT DISTANCE	57.684
CURVE LENGTH (CL)	25.366

HORIZONTAL CURVE DETAILS	
CURVE NUMBER	2 (RH)
RADIUS (R)	3500.00
DEF. ANGLE (A)	1° 51' 33.272"
TRANSITION LENGTH (L)	40.000m
TANGENT DISTANCE	76.792
CURVE LENGTH (CL)	73.573

← HOWRAH

DELHI —>



LEGEND:-

EXISTING IR TRACK

PROPOSED DFCC TRACK

DFCC ROW LINE

EXISTING IR TOE LINE

DFCC TOE LINE

NOTES:-

1. ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE.
2. ALL COORDINATES ARE BASED ON WGS 84 PROJECTION IN UTM ZONE 44.
3. TOP WIDTH OF FORMATION IS 13.5M FOR DOUBLE LINE IN STRAIGHT SECTION.
4. CHAINAGE AND LEVELS AS SHOWN IN THE DRAWING IS BASED ON THE DFC DOWN LINE
5. EQUILIBRIUM SPEED HAS BEEN TAKEN 85 KM/PH.
6. TRACK CENTER BETWEEN MAIN LINES OF DFC HAS BEEN KEPT AS MIN. 6.0M AT STRAIGHT SECTION.
7. DRAIN SHALL BE PROVIDED BETWEEN IR AND DFC TRACKS TO DRAIN OUT RAINWATER.
8. PUBLIC UTILITIES, HT/LT LINES, ETC. INTERFERING DFC TRACKS SHALL BE RELOCATED
9. AT THE LOCATIONS WHERE FORMATION HEIGHT IS $< 1.75m$, IT IS PROPOSED TO MAKE THE FORMATION HEIGHT TO 1.750m BY CUTTING THE EARTH
10. FOR LEGEND AND ABBREVIATION REFER RELEVANT DRAWING.

EMPLOYER :



DEDICATED FREIGHT CORRIDOR
CORPORATION OF INDIA LTD.

PROJECT :

EASTERN DEDICATED FREIGHT
CORRIDOR (PACKAGE - 201)

TITLE:

ALIGNMENT PLAN & PROFILE
(JEONATHPUR DN LINK LINE)
FROM KM. -3/600 TO KM. -2/400

DRAWING NO.							SIZE	REV	SCALE
P	2	AL	0	1	5	1	A1	D	HOR:- 1 : 2000, VER:- 1 : 200

REVIEWS

REV	DATE	REMARKS
A	15/02/2016	PRELIMINARY DESIGN
B	14/04/2016	Ltr No.PMCS/EDFC2/LTT/2016/00686 Comments Incorporated
C	19/05/2016	Ltr No.PMCS/EDFC2/LTT/2016/01196 Comments Incorporated
D	23/03/2018	AS PER REVISED ESP REVISION - E

DRAWING STAGE

☒ FOR APPROVAL☐ GOOD FOR CONSTRUCTION

PMC :

SYSTRA - Mott
MacDonald JV

CONTRACTOR :



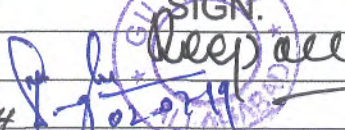
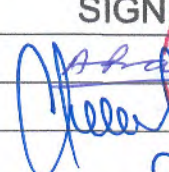
GIL - SIL JV

DESIGN CONSULTANT:

STUP Consultants Pvt. Ltd.

REGISTERED OFFICE :
1004-5 RAHEJA CHAMBERS,
NARIMAN POINT,
MUMBAI 400 021.

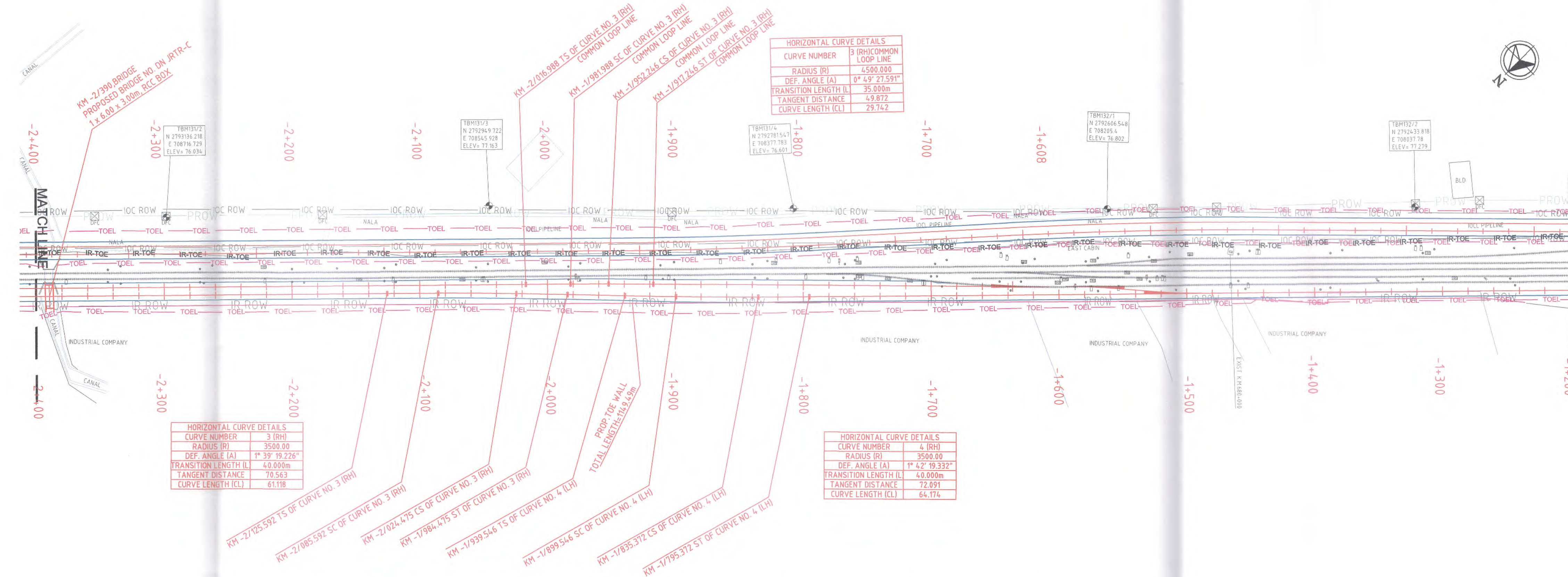
OFFICE OF ORIGIN
KOLKATA

	DATE	NAME	SIGN.
DRAWN	23/03/2018	HC	 THE CHIEF OF POLICE KUALA LUMPUR
CHKD.	23/03/2018		
APPD.	23/03/2018	S. MITRA	
SUBMITTED BY GIL-SIL JV			
	DATE	NAME	SIGN.
CHKD.	02-07-19	Reesha K. Gnanapavan	 Reesha K. Gnanapavan
APPD.	02-07-19	NISHA K. SINGH	
NOC BY SYSTRA - Mott MacDonald JV			
	DATE	NAME	SIGN.
CHKD.	06-07-19	ANURANTAN PRASAD	 ANURANTAN PRASAD
NOC	06-07-19	R. Amerikanos	
APPROVAL BY DFCC			
	DATE	NAME	SIGN.
CHKD.			
APPD.			

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← HOWRAH

DELHI →



LEGEND:-

EXISTING IR TRACK

PROPOSED DFCC TRACK

DFCC ROW LINE

EXISTING IR TOE LINE

DFCC TOE LINE

NOTES:-

1. ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE.
2. ALL COORDINATES ARE BASED ON WGS 84 PROJECTION IN UTM ZONE 44.
3. TOP WIDTH OF FORMATION IS 13.5M FOR DOUBLE LINE IN STRAIGHT SECTION.
4. CHAINAGE AND LEVELS AS SHOWN IN THE DRAWING IS BASED ON THE DFC DOWN LINE.
5. EQUILIBRIUM SPEED HAS BEEN TAKEN 85 KM/PH.
6. TRACK CENTER BETWEEN MAIN LINES OF DFC HAS BEEN KEPT AS MIN. 6.0M AT STRAIGHT SECTION.
7. DRAIN SHALL BE PROVIDED BETWEEN IR AND DFC TRACKS TO DRAIN OUT RAINWATER.
8. PUBLIC UTILITIES, HT/LT LINES, ETC. INTERFERING DFC TRACKS SHALL BE RELOCATED AT THE LOCATIONS WHERE FORMATION HEIGHT IS <1.75m, IT IS PROPOSED TO MAKE THE FORMATION HEIGHT TO 1.750m BY CUTTING THE EARTH
10. FOR LEGEND AND ABBREVIATION REFER RELEVANT DRAWING.

EMPLOYER :



DEDICATED FREIGHT CORRIDOR
CORPORATION OF INDIA LTD.

PROJECT :

EASTERN DEDICATED FREIGHT
CORRIDOR (PACKAGE - 201)

TITLE :

ALIGNMENT PLAN & PROFILE (JEONATHPUR DN LINK LINE)

FROM KM. -2/400 TO KM. -1/200

DRAWING NO.						SIZE	REV	SCALE
P	2	AL	0	1	5	2	A1	E
						HOR:- 1:2000,		VER:- 1:200
REVIEWS								
REV	DATE		REMARKS					
B	14/04/2016		Ltr No.PMCS/EDFC2/LTT/2016/00686 Comments Incorporated					
C	19/05/2016		Ltr No.PMCS/EDFC2/LTT/2016/01196 Comments Incorporated					
D	23/03/2018		AS PER REVISED ESP REVISION - E					
E	25/06/2019		Ltr No.PMCS/EDFC2/LTT/2019/01127 Comments Incorporated					
DRAWING STAGE								

☒ FOR APPROVAL☐ GOOD FOR CONSTRUCTION

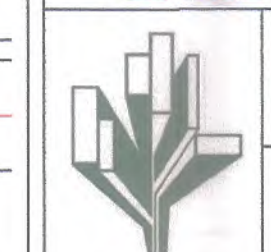
PMC :

SYSTRA - Mott
MacDonald JV

CONTRACTOR :



GIL - SIL JV

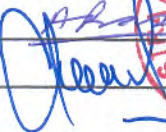


DESIGN CONSULTANT:

STUP Consultants Pvt. Ltd.

REGISTERED OFFICE :
1004-5 RAHEJA CHAMBERS,
NARIMAN POINT,
MUMBAI 400 021.

OFFICE OF ORIGIN
KOLKATA

	DATE	NAME	SIGN.
DRAWN	23/03/2018	98	
CHKD.	23/03/2018		
APPD.	23/03/2018	G. MITRA	
SUBMITTED BY GIL-SIL JV			
	DATE	NAME	SIGN.
CHKD.	02-07-19	Recepah Gurat	
APPD.	02-07-19	NISHEETH K. SINGH	
NOC BY SYSTRA - Mott MacDonald JV			
	DATE	NAME	SIGN.
CHKD.	06-07-19	ANURANTAN PRASAD	
NOC	06-07-19	P. Amerikanos	
APPROVAL BY DFCC			
	DATE	NAME	SIGN.
CHKD.			

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COPIED OR REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.

← HOWRAH

→ DELHI

Chainage CH- 0 CH- 1200

SECTION-CP-201

LEGEND:-

- +++++ EXISTING IR TRACK
- PROW — PROW — PROPOSED DFCC TRACK
- IR-TOE — IR-TOE — DFCC ROW LINE
- TOEL — TOEL — EXISTING IR TOE LINE
- TOEL — TOEL — DFCC TOE LINE

NOTES:-

1. ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE.
2. ALL COORDINATES ARE BASED ON WGS 84 PROJECTION IN UTM ZONE 44.
3. TOP WIDTH OF FORMATION IS 13.5M FOR DOUBLE LINE IN STRAIGHT SECTION.
4. CHAINAGE AND LEVELS AS SHOWN IN THE DRAWING IS BASED ON THE DFC DOWN LINE
5. EQUILIBRIUM SPEED HAS BEEN TAKEN 85 KM/PH.
6. TRACK CENTER BETWEEN MAIN LINES OF DFC HAS BEEN KEPT AS MIN. 6.0M AT STRAIGHT SECTION.
7. DRAIN SHALL BE PROVIDED BETWEEN IR AND DFC TRACKS TO DRAIN OUT RAINWATER.
8. PUBLIC UTILITIES, HT/LT LINES, ETC. INTERFERING DFC TRACKS SHALL BE RELOCATED
9. AT THE LOCATIONS WHERE FORMATION HEIGHT IS <1.75m, IT IS PROPOSED TO MAKE THE FORMATION HEIGHT TO 1.750m BY CUTTING THE EARTH
10. FOR LEGEND AND ABBREVIATION REFER RELEVANT DRAWING.

EMPLOYER :



DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT :

EASTERN DEDICATED FREIGHT CORRIDOR (PACKAGE - 201)

TITLE :

ALIGNMENT PLAN & PROFILE (JEONATHPUR DN LINK LINE) FROM KM. 0/000 TO KM. 1/200

DRAWING NO.	SIZE	REV	SCALE
P 2 AL 0154	A1	D	HOR:- 1 : 2000, VER:- 1 : 200

REV	DATE	REMARKS
A	15/02/2016	PRELIMINARY DESIGN
B	14/04/2016	Ltr No.PMCS/EDFC2/LTT/2016/00686 Comments Incorporated
C	19/05/2016	Ltr No.PMCS/EDFC2/LTT/2016/01196 Comments Incorporated
D	23/03/2018	AS PER REVISED ESP REVISION - E

DRAWING STAGE

FOR APPROVAL

GOOD FOR CONSTRUCTION

PMC :



SYSTRA - Mott MacDonald JV

CONTRACTOR :



GIL - SIL JV



DESIGN CONSULTANT: STUP Consultants Pvt. Ltd.

REGISTERED OFFICE : 1004-5 RAHEJA CHAMBERS, NARIMAN POINT, MUMBAI 400 021.

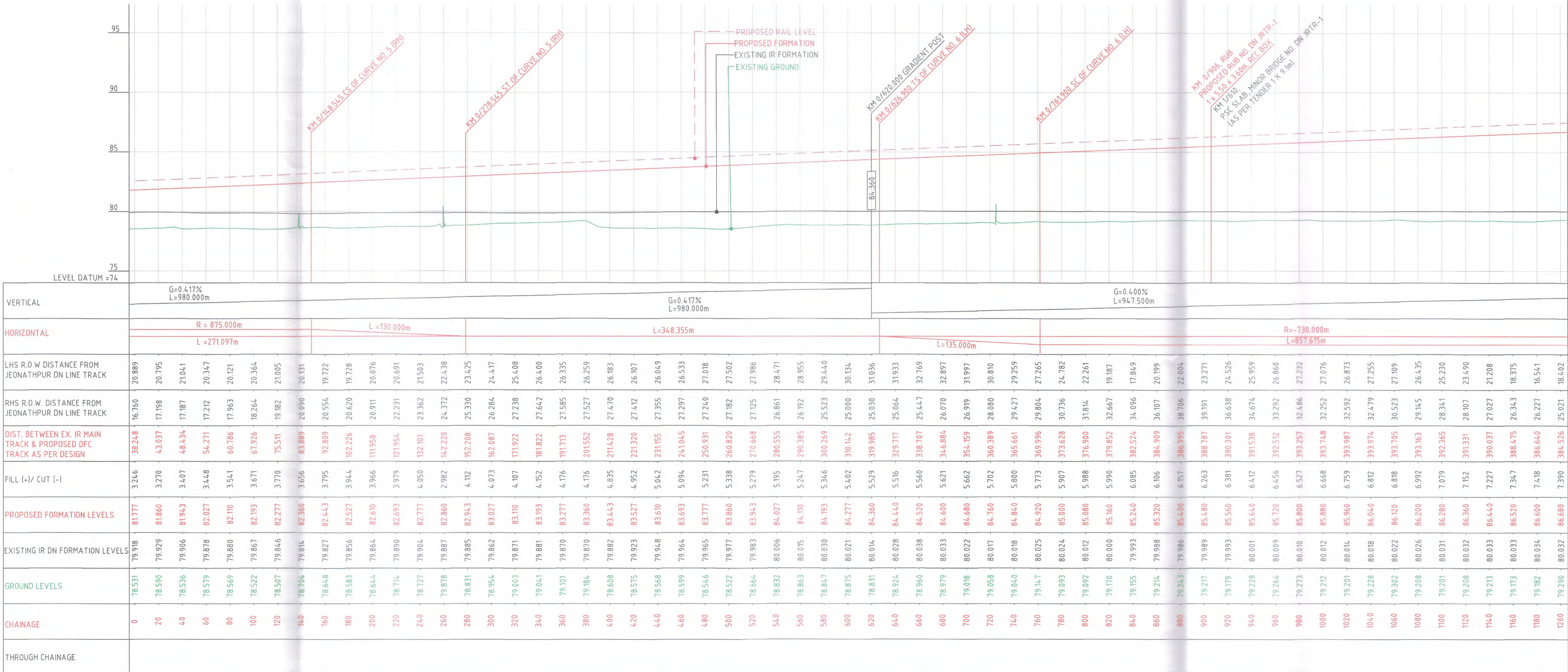
OFFICE OF ORIGIN KOLKATA

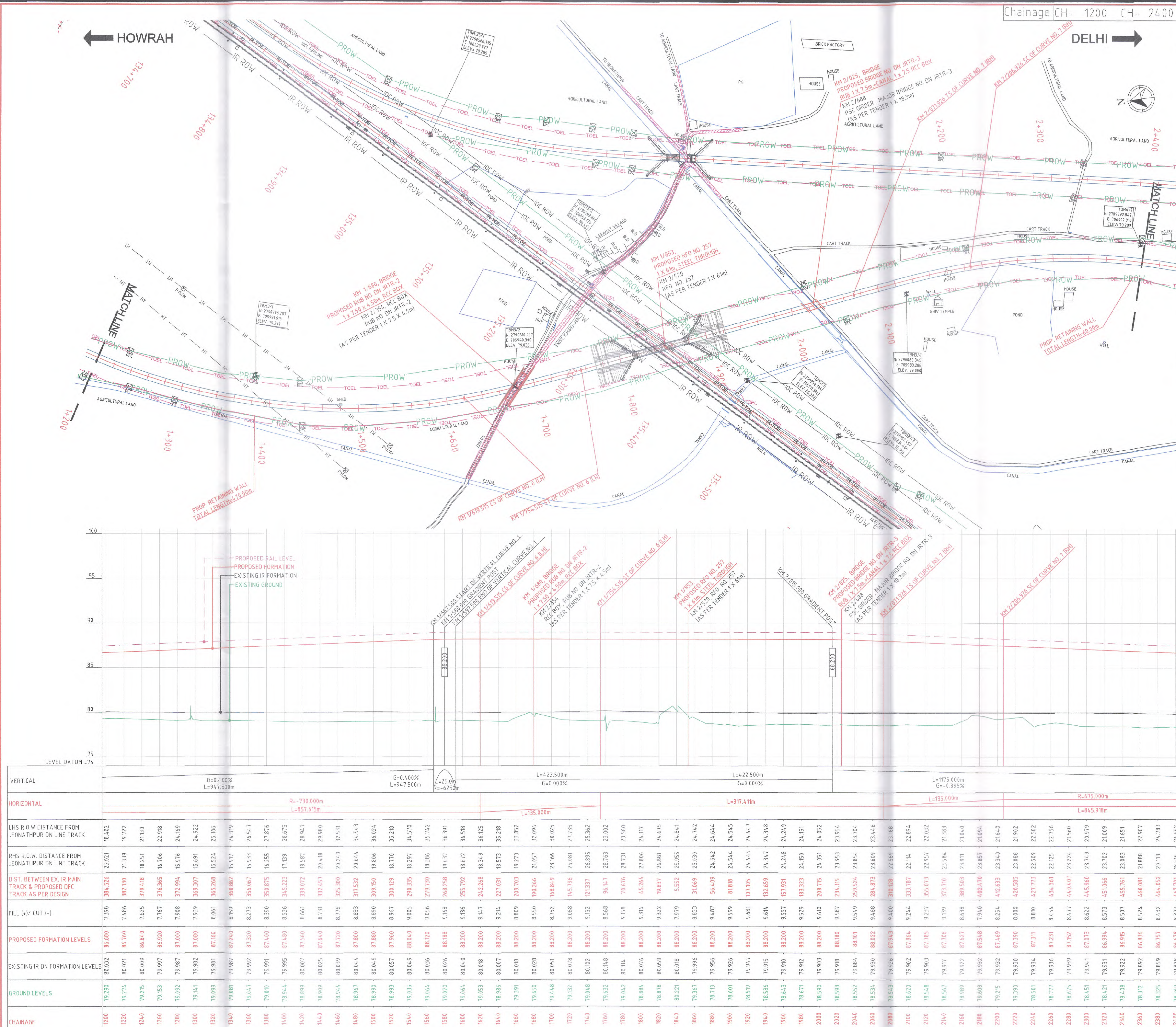
DATE	NAME	SIGN.
DRAWN 23/03/2018	ZC	
CHKD. 23/03/2018		
APPD. 23/03/2018	C. NIKRA	
SUBMITTED BY GIL-SIL JV		
DATE	NAME	SIGN.
CHKD. 02.07.19	Rajesh Kumar	
APPD. 02.07.19	NISHA R. SINGH	
NOC BY SYSTRA - Mott MacDonald JV		
DATE	NAME	SIGN.
CHKD. 06.07.19	ANURANTAN PRASAD	
NOC 06.07.19	R. Amarantano	
APPROVAL BY DFCC		
DATE	NAME	SIGN.
CHKD. APPD.		

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HORIZONTAL CURVE DETAILS	
CURVE NUMBER	5 (RH)
RADIUS (R)	875.00
DEF. ANGLE (A)	26° 0' 54.382"
TRANSITION LENGTH (L)	130.000m
TANGENT DISTANCE	269.332
CURVE LENGTH (CL)	271.097

HORIZONTAL CURVE DETAILS	
CURVE NUMBER	6 (LH)
RADIUS (R)	730.00
DEF. ANGLE (A)	78° 0' 22.160"
TRANSITION LENGTH (L)	135.000m
TANGENT DISTANCE	658.899
CURVE LENGTH (CL)	857.615





SECTION-CP-201

LEGEND:-

+++++ EXISTING IR TRACK

----- PROPOSED DFCC TRACK

----- PROW PROW

----- IR-TOE IR-TOE

----- TOEL TOEL

----- DFCC ROW LINE

----- EXISTING IR TOE LINE

----- DFCC TOE LINE

NOTES:-

1. ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE.

2. ALL COORDINATES ARE BASED ON WGS 84 PROJECTION IN UTM ZONE 44.

3. TOP WIDTH OF FORMATION IS 13.5M FOR DOUBLE LINE IN STRAIGHT SECTION.

4. CHAINAGE AND LEVELS AS SHOWN IN THE DRAWING IS BASED ON THE DFC DOWN LINE

5. EQUILIBRIUM SPEED HAS BEEN TAKEN 85 KM/H.

6. TRACK CENTER BETWEEN MAIN LINES OF DFC HAS BEEN KEPT AS MIN. 6.0M AT STRAIGHT SECTION.

7. DRAIN SHALL BE PROVIDED BETWEEN IR AND DFC TRACKS TO DRAIN OUT RAINWATER.

8. PUBLIC UTILITIES, HT/LT LINES, ETC. INTERFERING DFC TRACKS SHALL BE RELOCATED

9. AT THE LOCATIONS WHERE FORMATION HEIGHT IS < 1.75m, IT IS PROPOSED TO MAKE THE FORMATION HEIGHT TO 1.75m BY CUTTING THE EARTH

10. FOR LEGEND AND ABBREVIATION REFER RELEVANT DRAWING.

EMPLOYER :

DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT :

EASTERN DEDICATED FREIGHT CORRIDOR (PACKAGE - 201)

TITLE :

ALIGNMENT PLAN & PROFILE (JEONATHPUR DN LINK LINE) FROM KM. 1/200 TO KM. 2/400

DRAWING NO.

SIZE

REV

SCALE

P 2 AL 0 1 5 5

A1

D

HOR:- 1 : 2000, VER:- 1 : 200

REVIEWS

REV

DATE

REMARKS

A 15/02/2016 PRELIMINARY DESIGN

B 14/04/2016 Ltr No.PMCS/EDFC2/LTT/2016/00686 Comments Incorporated

C 19/05/2016 Ltr No.PMCS/EDFC2/LTT/2016/01196 Comments Incorporated

D 23/03/2018 AS PER REVISED ESP REVISION - E

DRAWING STAGE

☒ FOR APPROVAL

☐ GOOD FOR CONSTRUCTION

PMC :

SYSTRA - Mott MacDonald JV

CONTRACTOR :

GIL - SIL JV

DESIGN CONSULTANT:

STUP Consultants Pvt. Ltd.

REGISTERED OFFICE :

1004-5 RAHEJA CHAMBERS, NARIMAN POINT, MUMBAI 400 021.

OFFICE OF ORIGIN

KOLKATA

DRAWN

23/03/2018

NAME

FG

SIGN.

CHKD.

23/03/2018

NAME

SIGN.

APPD.

23/03/2018

NAME

S. MITRA

SIGN.

SUBMITTED BY

GIL-SIL JV

DATE

NAME

SIGN.

CHKD.

02-07-19

NAME

ANURANTAN PRASAD

SIGN.

APPD.

02-07-19

NAME

P. Anurantan Prasad

SIGN.

NOC BY

SYSTRA - Mott MacDonald JV

DATE

NAME

SIGN.

CHKD.

06-07-19

NAME

ANURANTAN PRASAD

SIGN.

NOC

06-07-19

NAME

P. Anurantan Prasad

SIGN.

APPROVAL BY

DFCC

DATE

NAME

SIGN.

CHKD.

DATE

NAME

SIGN.

APPD.

DATE

NAME

SIGN.

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Chainage CH- 2400 CH- 3600

SECTION-CP-201

← HOWRAH

→ DELHI

LEGEND:-

- EXISTING IR TRACK
- PROPOSED DFCC TRACK
- DFCC ROW LINE
- EXISTING IR TOE LINE
- DFCC TOE LINE

NOTES:-

- ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE.
- ALL COORDINATES ARE BASED ON WGS 84 PROJECTION IN UTM ZONE 44.
- TOP WIDTH OF FORMATION IS 13.5M FOR DOUBLE LINE IN STRAIGHT SECTION.
- CHAINAGE AND LEVELS AS SHOWN IN THE DRAWING IS BASED ON THE DFC DOWN LINE
- EQUILIBRIUM SPEED HAS BEEN TAKEN 85 KM/H.
- TRACK CENTER BETWEEN MAIN LINES OF DFC HAS BEEN KEPT AS MIN. 6.0M AT STRAIGHT SECTION.
- DRAIN SHALL BE PROVIDED BETWEEN IR AND DFC TRACKS TO DRAIN OUT RAINWATER.
- PUBLIC UTILITIES, HT/LT LINES, ETC. INTERFERING DFC TRACKS SHALL BE RELOCATED
- AT THE LOCATIONS WHERE FORMATION HEIGHT IS <1.75m, IT IS PROPOSED TO MAKE THE FORMATION HEIGHT TO 1.75m BY CUTTING THE EARTH
- FOR LEGEND AND ABBREVIATION REFER RELEVANT DRAWING.

EMPLOYER :

DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT :

EASTERN DEDICATED FREIGHT CORRIDOR (PACKAGE - 201)

TITLE :

ALIGNMENT PLAN & PROFILE (JEONATHPUR DN LINK LINE) FROM KM. 2/400 TO KM. 3/600

DRAWING NO.	SIZE	REV	SCALE
P 2 AL 0 1 5 6	A1	D	HOR:- 1 : 2000, VER:- 1 : 200

REV	DATE	REMARKS
A	15/02/2016	PRELIMINARY DESIGN
B	14/04/2016	Ltr No.PMCS/EDFC2/LT/2016/00686 Comments Incorporated
C	19/05/2016	Ltr No.PMCS/EDFC2/LT/2016/01196 Comments Incorporated
D	23/03/2018	AS PER REVISED ESP REVISION - E

DRAWING STAGE

- ☒ FOR APPROVAL
- ☐ GOOD FOR CONSTRUCTION

PMC :

SYSTRA - Mott MacDonald JV

CONTRACTOR :

GIL - SIL JV



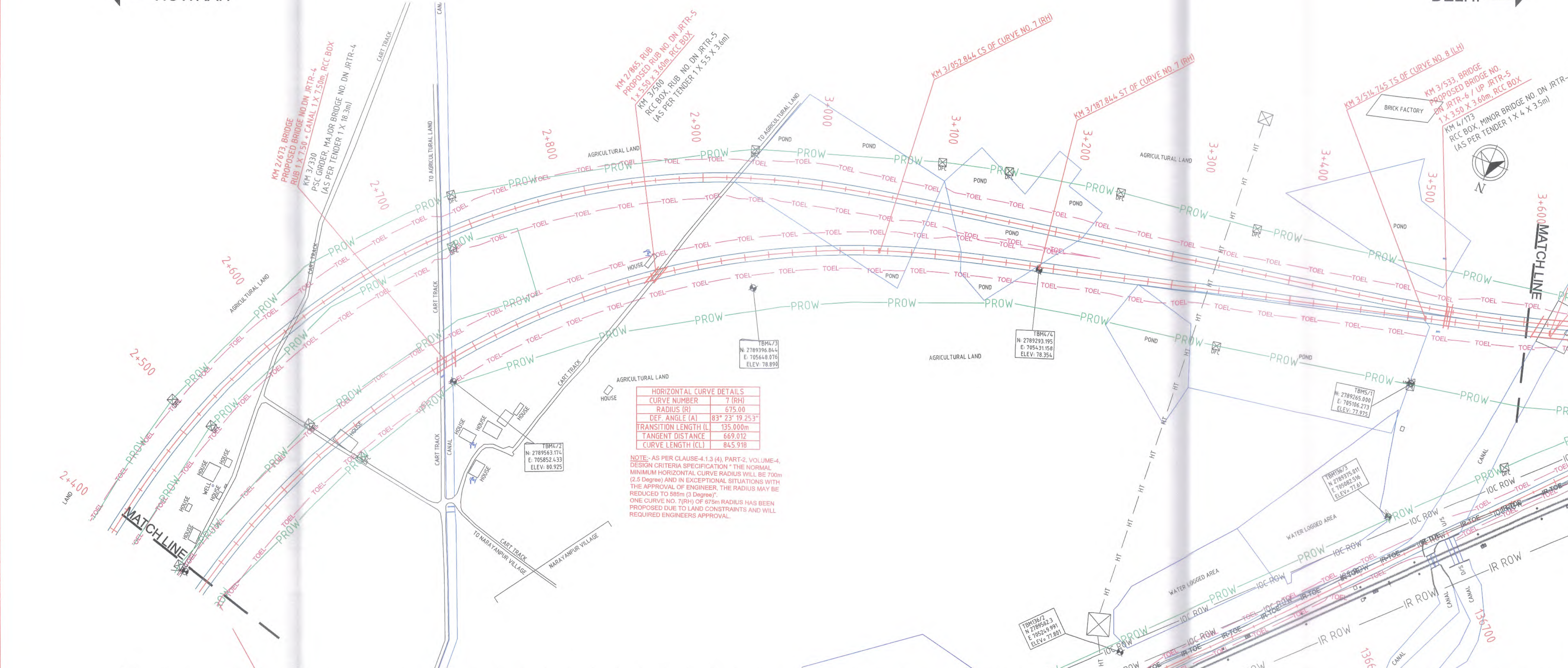
DESIGN CONSULTANT: STUP Consultants Pvt. Ltd.

REGISTERED OFFICE : 1004-5 RAHEJA CHAMBERS, NARIMAN POINT, MUMBAI 400 021.

OFFICE OF ORIGIN KOLKATA

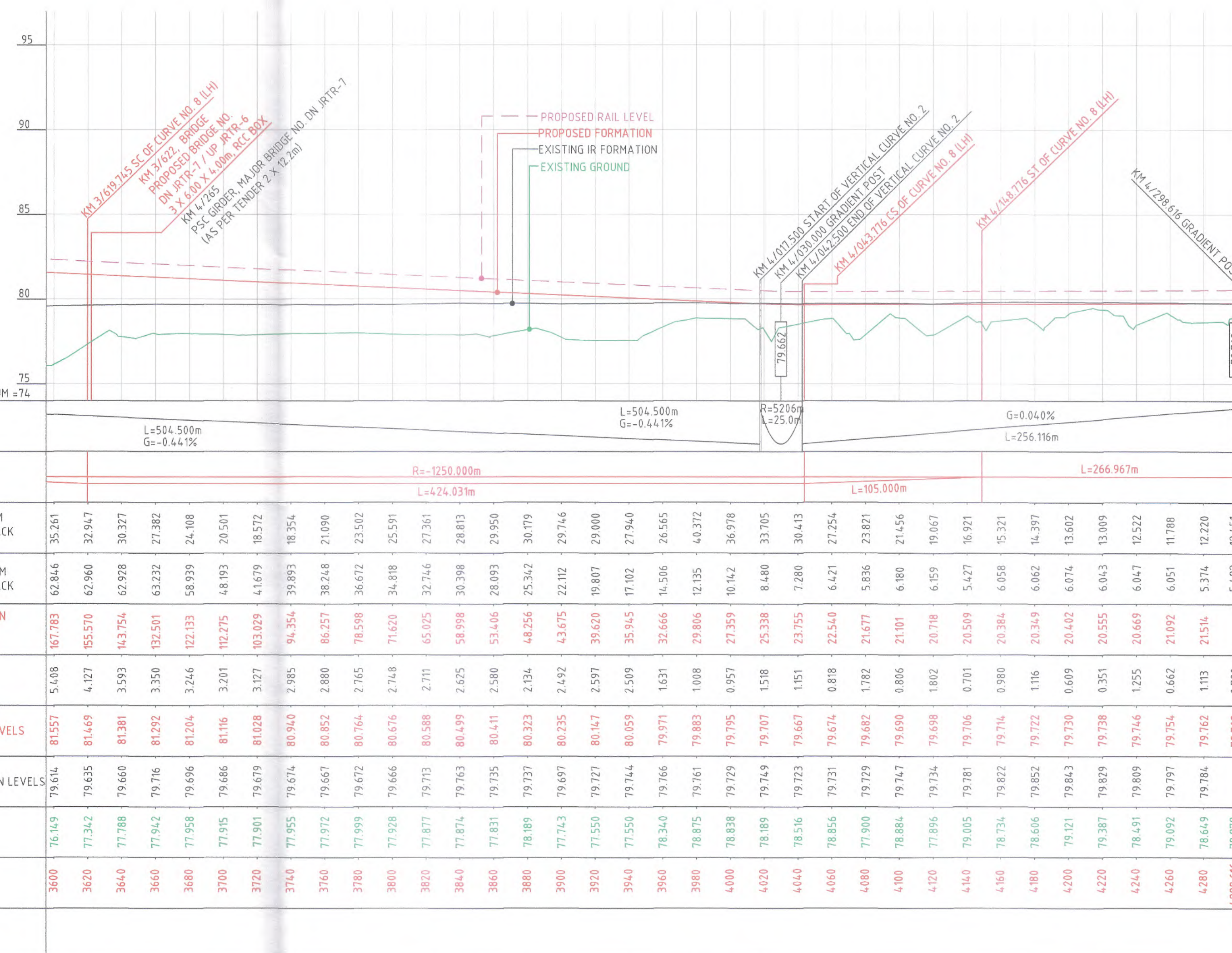
DATE	NAME	SIGN.
DRAWN 23/03/2018	ZE	
CHKD. 23/03/2018		
APPD. 23/03/2018	S. MITRA	
SUBMITTED BY	GIL-SIL JV	
DATE	NAME	SIGN.
CHKD. 02.07.19	R. Anurantan Prasad	
APPD. 02.07.19	NISHEETH K. SINGH	
NOC BY	SYSTRA - Mott MacDonald JV	
DATE	NAME	SIGN.
CHKD. 06.07.19	R. Anurantan Prasad	
NOC	R. Anurantan Prasad	
APPROVAL BY	DFCC	
DATE	NAME	SIGN.
CHKD.		
APPD.		

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VERTICAL	L=1175.000m G=-0.395%	L=1175.000m G=-0.395%	L=323.000m G=-0.500%	L=323.000m G=-0.500%	L=504.500m G=-0.441%
HORIZONTAL	R=675.000m L=845.918m	L=135.000m	L=326.901m	L=105.000m	
LHS R.O.W DISTANCE FROM JEONATHPUR DN LINE TRACK	26.552	24.382	22.835	21.906	21.590
RHS R.O.W DISTANCE FROM JEONATHPUR DN LINE TRACK	18.516	21.336	22.564	25.207	26.770
DIST. BETWEEN EX. IR MAIN TRACK & PROPOSED DFC TRACK AS PER DESIGN	4.67701	4.71049	4.71418	4.76924	4.81810
FILL (+)/ CUT (-)	8.309	8.251	8.094	7.869	7.738
PROPOSED FORMATION LEVELS	86.678	86.599	86.520	86.441	86.362
EXISTING IR DN FORMATION LEVELS	79.820	79.798	79.768	79.739	79.683
GROUND LEVELS	78.869	78.848	78.826	78.797	78.754
CHAINAGE	2400	2420	2440	2460	2480

DELHI →



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