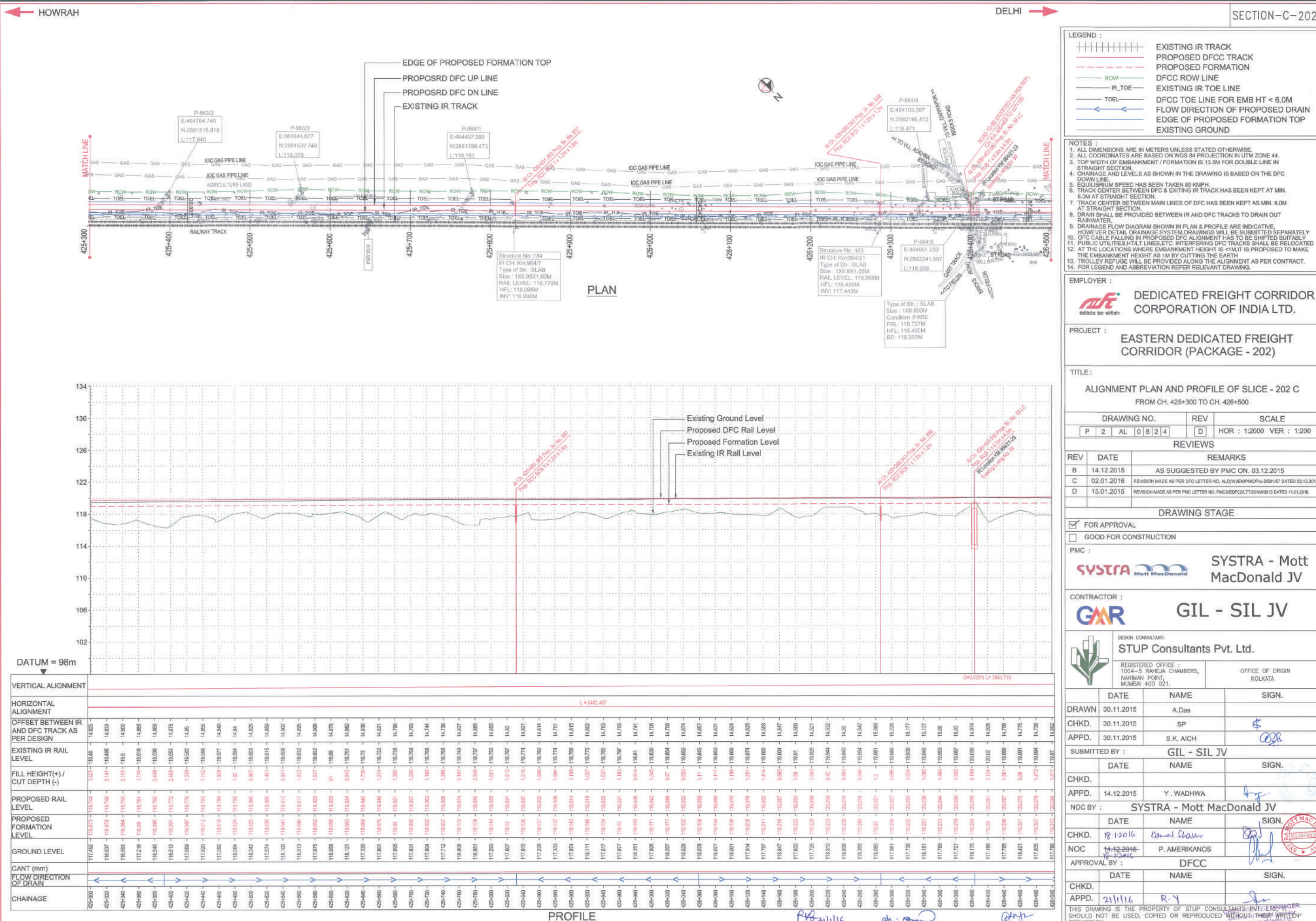




LEGEND :

- EXISTING IR TRACK
- PROPOSED DFCC TRACK
- PROPOSED FORMATION
- DFCC ROW LINE
- EXISTING IR TOE LINE
- DFCC TOE LINE FOR EMB HT < 6.0M
- FLOW DIRECTION OF PROPOSED DRAIN
- EDGE OF PROPOSED FORMATION TOP
- EXISTING GROUND

- 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 EMBANKMENT / 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 AS 85 KM/H.
 6. TRACK CENTER BETWEEN DFC & EXISTING IR TRACK HAS BEEN KEPT AT MIN. 6.0M AT STRAIGHT SECTION.
 7. TRACK CENTER BETWEEN MAIN LINES OF DFC HAS BEEN KEPT AT MIN. 6.0M AT STRAIGHT SECTION.
 8. DRAIN SHALL BE PROVIDED BETWEEN IR AND DFC TRACKS TO DRAIN OUT RAINWATER.
 9. DRAINAGE FLOW DIAGRAM SHOWN IN PLAN & PROFILE ARE INDICATIVE, HOWEVER DETAILED DRAINAGE SYSTEM DRAWINGS WILL BE SUBMITTED SEPARATELY.
 10. DFC CABLE FALLING IN PROPOSED DFC ALIGNMENT HAS TO BE SHIFTED SUITABLY.
 11. PUBLIC UTILITIES, HT/LT LINES, ETC. INTERFERING DFC TRACKS SHALL BE RELOCATED.
 12. AT THE LOCATIONS WHERE EMBANKMENT HEIGHT IS < 1M, IT IS PROPOSED TO MAKE THE EMBANKMENT HEIGHT AS 1M BY CUTTING THE EARTH.
 13. TROLLEY REFUGE WILL BE PROVIDED ALONG THE ALIGNMENT AS PER CONTRACT.
 14. FOR LEGEND AND ABBREVIATION REFER RELEVANT DRAWING.

EMPLOYER :
DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT :
EASTERN DEDICATED FREIGHT CORRIDOR (PACKAGE - 202)

TITLE :
ALIGNMENT PLAN AND PROFILE OF SLICE - 202 C
FROM CH. 425+300 TO CH. 426+500

DRAWING NO.	REV	SCALE
P 2 AL 0 8 2 4	D	HOR : 1:2000 VER : 1:200

REV	DATE	REMARKS
B	14.12.2015	AS SUGGESTED BY PMC ON. 03.12.2015
C	02.01.2016	REVISION MADE AS PER DFC LETTER NO. ALD/WJEN/PMAC/2015/67 DATED 23.12.2015.
D	15.01.2016	REVISION MADE AS PER PMC LETTER NO. PMCG/DFCC/2015/00013 DATED 11.01.2016.

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.

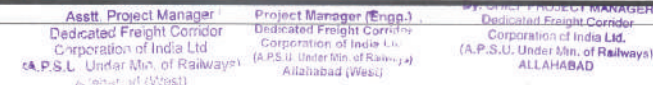
DATE	NAME	SIGN.
DRAWN	30.11.2015	A.Das
CHKD.	30.11.2015	SP
APPD.	30.11.2015	S.K. AICH
SUBMITTED BY : GIL - SIL JV		
DATE	NAME	SIGN.
CHKD.		
APPD.	14.12.2015	Y. WADHWA
NOC BY : SYSTRA - Mott MacDonald JV		
DATE	NAME	SIGN.
CHKD.	18.12.2015	Kamal Shaw
NOC	18.12.2015	P. AMERIKANOS
APPROVAL BY : DFCC		
DATE	NAME	SIGN.
CHKD.		
APPD.	21/11/16	R.Y

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Asst. Project Manager
Dedicated Freight Corridor
Corporation of India Ltd.
(S.L. Under Min. of Railways)
ALLAHABAD (West)

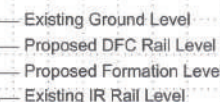
Project Manager (SIL)
Dedicated Freight Corridor
Corporation of India Ltd.
(S.L. Under Min. of Railways)
ALLAHABAD (West)

Chief Project Manager
Dedicated Freight Corridor
Corporation of India Ltd.
(A.P.S.U. Under Min. of Railways)
ALLAHABAD





DELHI ➡



DATUM = 98m

PROFILE

EXISTING IR TRACK
 PROPOSED DFCC TRACK
 PROPOSED FORMATION
 DFCC ROW LINE
 EXISTING IR TOE LINE
 DFCC TOE LINE FOR EMB HT < 6.0M
 FLOW DIRECTION OF PROPOSED DRAIN
 EDGE OF PROPOSED FORMATION TOP
 EXISTING GROUND

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 EMBANKMENT / 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 DFC & EXITING IR TRACK HAS BEEN KEPT AT MIN. 6.0M AT STRAIGHT SECTION.
7. TRACK CENTER BETWEEN MAIN LINES OF DFC HAS BEEN KEPT AS MIN. 8.0M AT STRAIGHT SECTION.
8. DRAIN SHALL BE PROVIDED BETWEEN IR AND DFC TRACKS TO DRAIN OUT RAINWATER.
9. DRAINAGE FLOW DIAGRAM SHOWN IN PLAN & PROFILE ARE INDICATIVE.
10. NEVER DETAIL DRAINAGE SYSTEM DRAWINGS WILL BE SUBMITTED SEPARATELY OF C&E CABLE FALLING IN PROPOSED DFC ALIGNMENT HAS TO BE SHIFTED SUITABLY.
11. PUBLIC UTILITIES HT< LINES, ETC. INTERFERING DFC TRACKS SHALL BE RELOCATED.
12. AT THE LOCATIONS WHERE EMBANKMENT HEIGHT IS <1M IT IS PROPOSED TO MAKE THE EMBANKMENT HEIGHT >1M BY CUTTING THE EARTH.
13. ALL DIMENSIONS & REVISIONS TO BE PROVIDED ALONG WITH ALIGNMENT AS PER CONTRACT.
14. FOR LEGEND AND ABBREVIATION REFER RELEVANT DRAWING.



**DEDICATED FREIGHT CORRIDOR
CORPORATION OF INDIA LTD.**

PROJECT :	EASTERN DEDICATED FREIGHT CORRIDOR (PACKAGE - 202)
-----------	---

TITLE :
ALIGNMENT PLAN AND PROFILE OF SLICE - 202 C
FROM CH. 428+900 TO CH. 430+100

DRAWING NO.					REV	SCALE
P	2	AL	0	8	2	7
					C	HOR : 1:2000 VER : 1:200

REVIEWERS

REV	DATE	REMARKS
B	14.12.2015	AS SUGGESTED BY PMC ON. 03.12.2015
C	02.01.2016	REVISION MADE AS PER DFC LETTER NO. ALD/WJEN/PMC/Pro-2/281/67 DATED 23.12.2015

DRAWING STAGE

☒ FOR APPROVAL

☐ GOOD FOR CONSTRUCTION

PMC :

SYSTRA Mott MacDonald

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	30.11.2015	A.Das	
CHKD.	30.11.2015	SP	\$
APPD.	30.11.2015	S.K. AICH	<i>SKA</i>

SUBMITTED BY : GIL - SIL IV

	DATE	NAME	SIGN
CHKD.			
APPD.	14-12-2015	Y. WADHWA	
NOC BY : SYSTRA - Mott MacDonald JV			

NOC BY :	SYSTRA - Mott MacDonald JV
----------	----------------------------

	DATE	NAME	SIGN.
CHKD.	01/01/2016	KAMAL CHARMA	
NOC	14/12/2015	P. AMERIKANOS	
APPROVAL BY :		DFCC	

APPROVAL BY : DFCC

	DATE	NAME	SIGN.
CHKD.			
APPD.	21/11/16	R. Y	

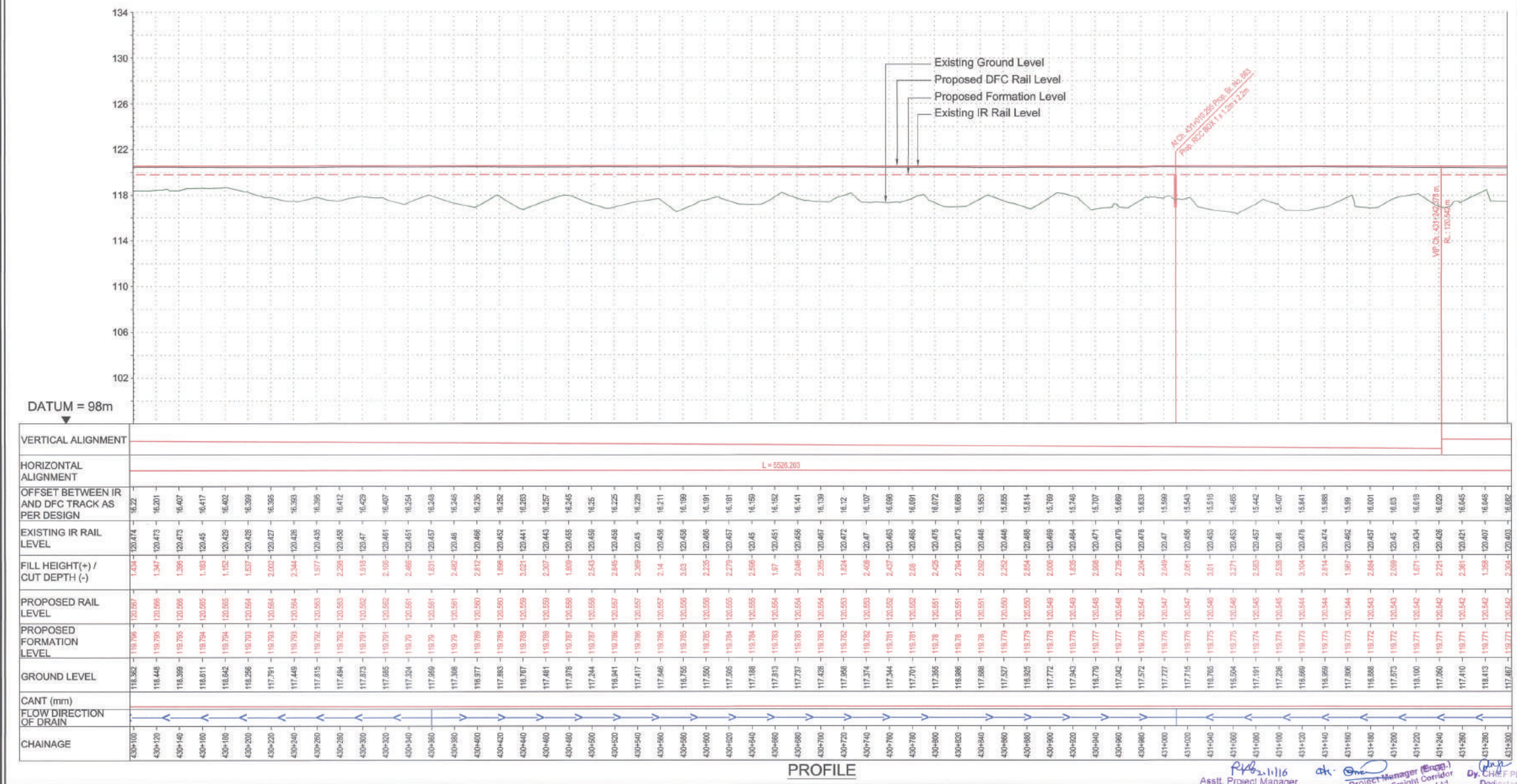
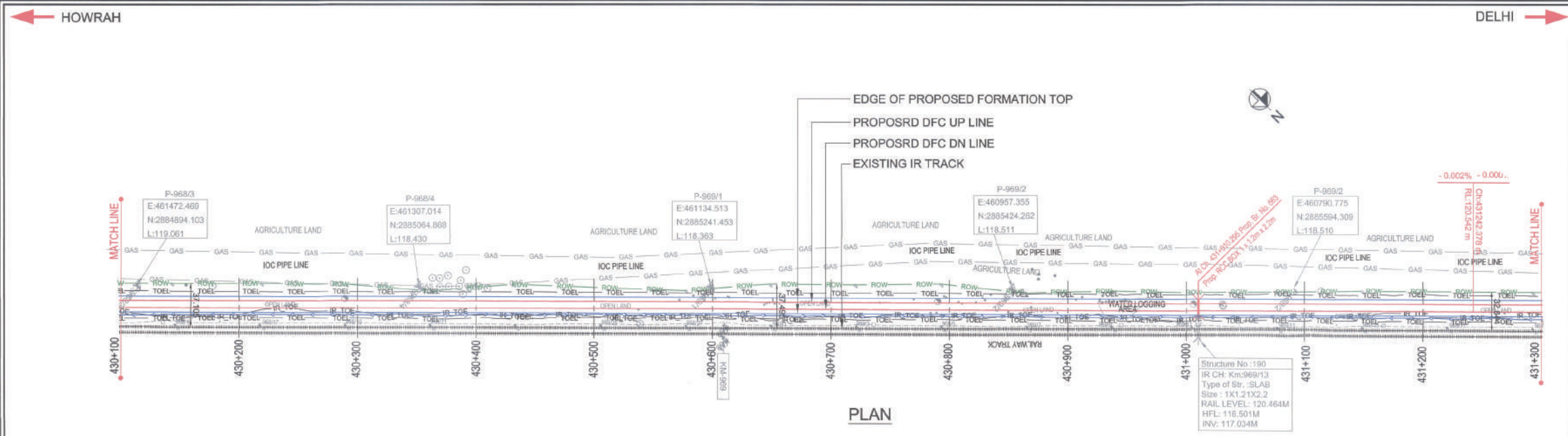
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ASSIST. PROJECT MANAGER (Engg.)
 Underdtd. Freight Corridor
 C. & P. Division, Allahabad
 (A.P.S.U. Under Min. of Railways)
 Allahabad (West)

PROJECT MANAGER (Engg.)
 Underdtd. Freight Corridor
 C. & P. Division, Allahabad
 Corporation of India, Ltd.
 (A.P.S.U. Under Min. of Railways)
 Allahabad (West)

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 PERMISSION.

CORPORATION OF INDIA, LTD.
 (A.P.S.U. Under Min. of Railways)
 ALLAHABAD



VERTICAL ALIGNMENT	
HORIZONTAL ALIGNMENT	L = 5026.263
OFFSET BETWEEN IR AND DFC TRACK AS PER DESIGN	16.22
EXISTING IR RAIL LEVEL	120.47
FILL HEIGHT(+)/ CUT DEPTH (-)	1.43
PROPOSED RAIL LEVEL	120.47
PROPOSED FORMATION LEVEL	118.50
GROUND LEVEL	118.52
CANT (mm)	118.44
FLOW DIRECTION OF DRAIN	118.39
CHAINAGE	430+100

LEGEND :

- EXISTING IR TRACK
- PROPOSED DFCC TRACK
- PROPOSED FORMATION
- DFCC ROW LINE
- EXISTING IR TOE LINE
- DFCC TOE LINE FOR EMB HT < 6.0M
- FLOW DIRECTION OF PROPOSED DRAIN
- EDGE OF PROPOSED FORMATION TOP
- EXISTING GROUND

NOTES :

- ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE.
- ALL COORDINATES ARE BASED ON WGS 84 PROJECTION IN UTM ZONE 44.
- TOP WIDTH OF EMBANKMENT / 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 DFC & EXISTING IR TRACK HAS BEEN KEPT AT MIN. 6.0M AT STRAIGHT SECTION.
- 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.
- DRAINAGE FLOW DIAGRAM SHOWN IN PLAN & PROFILE ARE INDICATIVE. HOWEVER DETAIL DRAINAGE SYSTEM DRAWINGS WILL BE SUBMITTED SEPARATELY.
- IF CABLE FALLING IN PROPOSED DFC ALIGNMENT HAS TO BE SHIFTED SUITABLY.
- PUBLIC UTILITIES, HT/LT LINES, ETC. INTERFERING DFC TRACKS SHALL BE RELOCATED.
- AT THE LOCATIONS WHERE EMBANKMENT HEIGHT IS < 1M, IT IS PROPOSED TO MAKE THE EMBANKMENT HEIGHT AS 1M BY CUTTING THE EARTH.
- TROLLEY REFUGE WILL BE PROVIDED ALONG THE ALIGNMENT AS PER CONTRACT.
- FOR LEGEND AND ABBREVIATION REFER RELEVANT DRAWING.

EMPLOYER :

DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT :

EASTERN DEDICATED FREIGHT CORRIDOR (PACKAGE - 202)

TITLE :

ALIGNMENT PLAN AND PROFILE OF SLICE - 202 C
FROM CH. 430+100 TO CH. 431+300

DRAWING NO.	REV	SCALE
P 2 AL 0 8 2 8	C	HOR : 1:2000 VER : 1:200

REVIEWS

REV	DATE	REMARKS
B	14.12.2015	AS SUGGESTED BY PMC ON. 03.12.2015
C	02.01.2016	REVISION MADE AS PER DFC LETTER NO. ALD/PM/PMC/2015/07 DATED 23.12.2015.

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.
30.11.2015	A.Das	
30.11.2015	SP	
30.11.2015	S.K. AICH	

SUBMITTED BY : **GIL - SIL JV**

DATE	NAME	SIGN.
30.11.2015	Y. WADHWA	

NOC BY : **SYSTRA - Mott MacDonald JV**

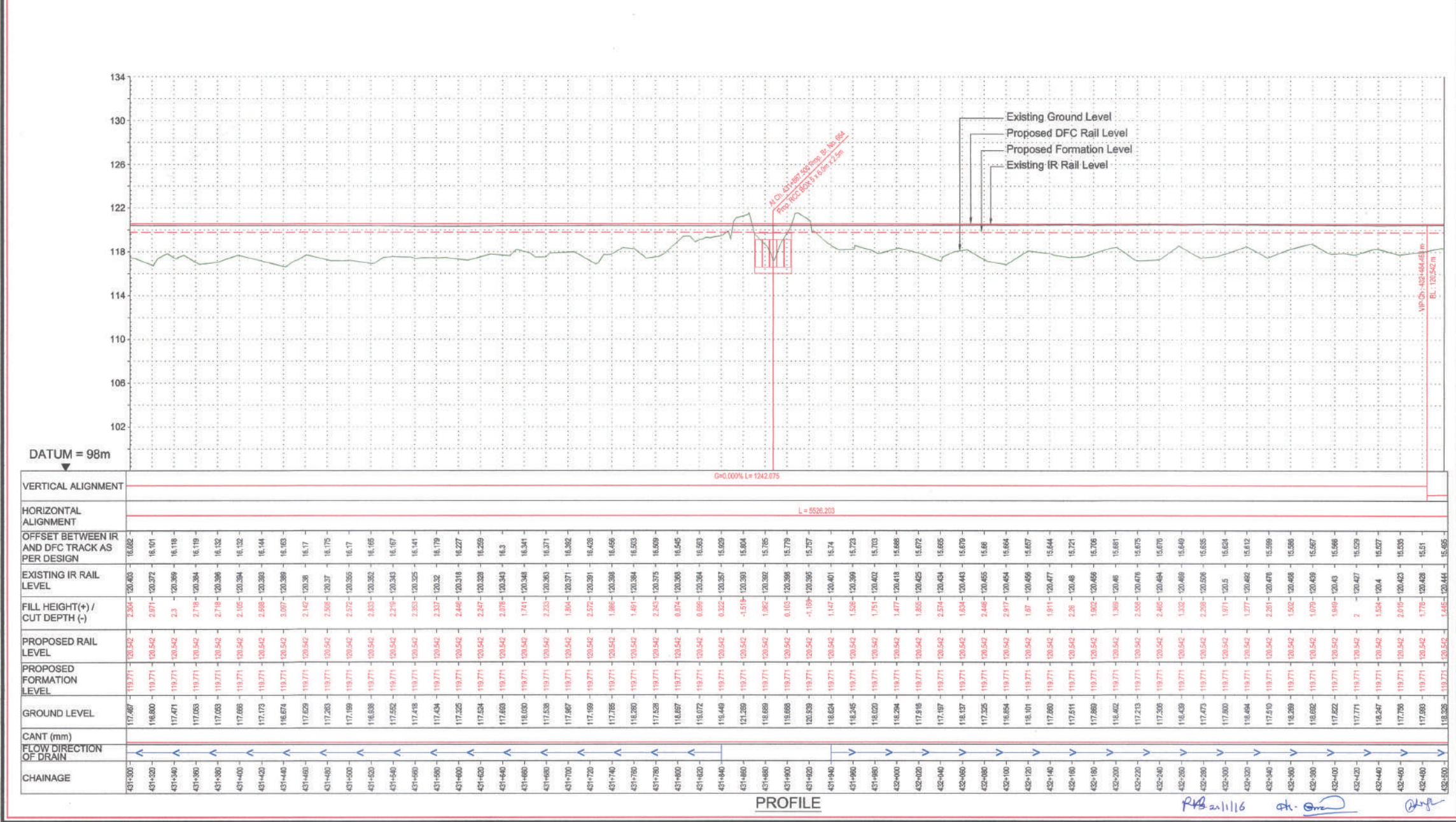
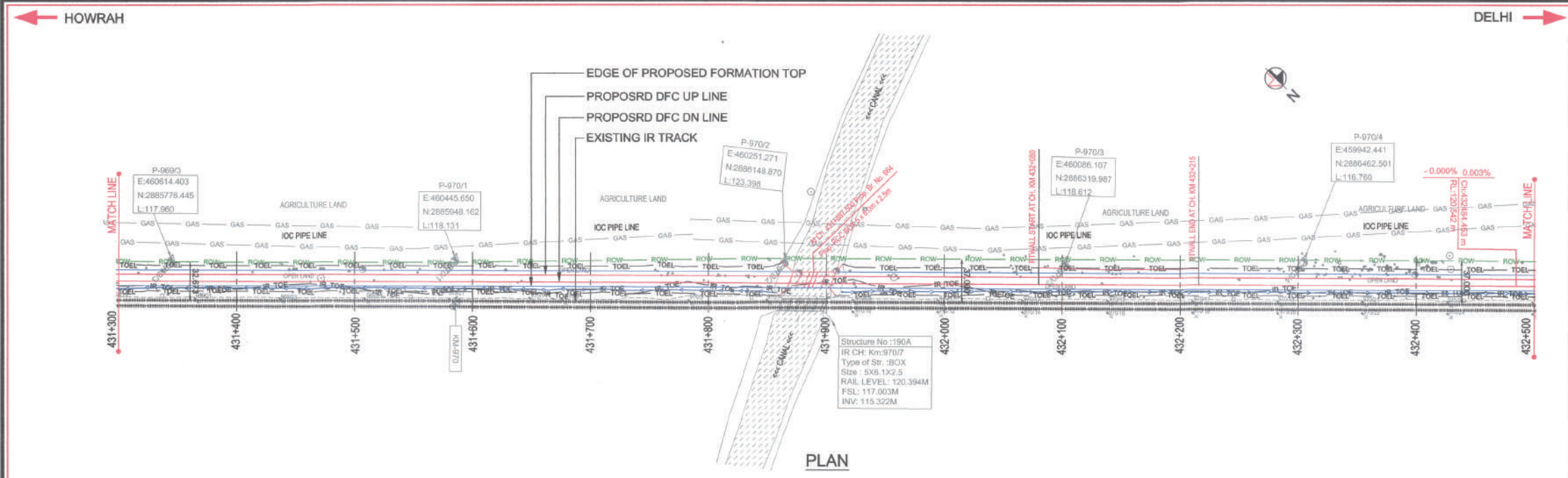
DATE	NAME	SIGN.
30.11.2015	KAMAL CHHARMA	
30.11.2015	P. AMERIKANOS	

APPROVAL BY : **DFCC**

DATE	NAME	SIGN.
30.11.2015	R.Y	

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ALLAHABAD



SECTION-C-202

LEGEND :

- EXISTING IR TRACK
- PROPOSED DFCC TRACK
- PROPOSED FORMATION
- DFCC ROW LINE
- EXISTING IR TOE LINE
- TOEL
- DFCC TOE LINE FOR EMB HT < 6.0M
- FLOW DIRECTION OF PROPOSED DRAIN
- EDGE OF PROPOSED FORMATION TOP
- EXISTING GROUND

NOTES :

- ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE.
- ALL COORDINATES ARE BASED ON WGS 84 PROJECTION IN UTM ZONE 44.
- TOP WIDTH OF EMBANKMENT / 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 DFC & EXISTING IR TRACK HAS BEEN KEPT AT MIN. 6.0M AT STRAIGHT SECTION.
- 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.
- DRAINAGE FLOW DIAGRAM SHOWN IN PLAN & PROFILE ARE INDICATIVE. HOWEVER DETAILED DRAINAGE SYSTEM DRAWINGS WILL BE SUBMITTED SEPARATELY.
- OFC CABLE FALLING IN PROPOSED DFC ALIGNMENT HAS TO BE SHIFTED SUITABLY.
- PUBLIC UTILITIES, HT/LT LINES, ETC. INTERFERING DFC TRACKS SHALL BE RELOCATED.
- AT THE LOCATIONS WHERE EMBANKMENT HEIGHT IS < 1M, IT IS PROPOSED TO MAKE THE EMBANKMENT HEIGHT AS 1M BY CUTTING THE EARTH.
- TROLLEY REFUGE WILL BE PROVIDED ALONG THE ALIGNMENT AS PER CONTRACT.
- FOR LEGEND AND ABBREVIATION REFER RELEVANT DRAWING.

EMPLOYER :

DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT :

EASTERN DEDICATED FREIGHT CORRIDOR (PACKAGE - 202)

TITLE :

ALIGNMENT PLAN AND PROFILE OF SLICE - 202 C

FROM CH. 431+300 TO CH. 432+500

DRAWING NO. REV SCALE

P 2 AL 0 8 2 9 D HOR : 1:2000 VER : 1:200

REVIEWS

REV	DATE	REMARKS
B	14.12.2015	AS SUGGESTED BY PMC ON. 03.12.2015
C	02.01.2016	REVISION MADE AS PER DFC LETTER NO. AL/WH/PM/PC/202/167 DATED 23.12.2015
D	15.01.2015	REVISION MADE AS PER PMC LETTER NO. PM/CS/DFCC/202/1701/15/00013 DATED 11.01.2016.

DRAWING STAGE

☒ FOR APPROVAL

☐ GOOD FOR CONSTRUCTION

PMC :

SYSTRA - Mott MacDonald JV

CONTRACTOR :

GIL - SIL JV

DESIGN CONSULTANT:

STUP Consultants Pvt. Ltd.

REGISTERED OFFICE :
100-5 RAJEEVA CHAMBERS,
NARIMAN POINT,
MUMBAI 400 021.

OFFICE OF ORIGIN
KOLKATA

DATE	NAME	SIGN.
30.11.2015	A.Das	
30.11.2015	SP	
30.11.2015	S.K. AICH	

SUBMITTED BY : GIL - SIL JV

DATE	NAME	SIGN.
14.12.2015	Y. WADHWA	

NOC BY : SYSTRA - Mott MacDonald JV

DATE	NAME	SIGN.
18-01-2016	Kamal Shams	
14-12-2015	P. AMERIKANOS	

APPROVAL BY : DFCC

DATE	NAME	SIGN.
21/1/16	R. Y	

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Asst. Project Manager
Dedicated Freight Corridor
Corporation of India Ltd.
(A.P.S.U. Under Min. of Railways)
Allahabad (West)

Project Manager (Design)
Dedicated Freight Corridor
Corporation of India Ltd.
(A.P.S.U. Under Min. of Railways)
Allahabad (West)

CHIEF PROJECT MANAGER
Dedicated Freight Corridor
Corporation of India Ltd.
(A.P.S.U. Under Min. of Railways)
ALLAHABAD

Asst. Project Manager
Dedicated Freight Corridor
Corporation of India Ltd.
(A.P.S.U. Under Min. of Railways)
Allahabad

DELHI →



PROFILE

- 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 EMBANKMENT / FORMATION IS 13.5M FOR DOUBLE LINE IN STRAIGHT SECTION.
 4. GRADINGS AND LEVELS AS SHOWN IN THE DRAWING IS BASED ON THE DFC DOWN LINE.
 5. EQUILIBRIUM SPEED HAS BEEN TAKEN 65 KMPH.
 6. TRACK CENTER BETWEEN DFC & EXITING IR TRACK HAS BEEN KEPT AT MIN. 6.0M AT STRAIGHT SECTION.
 7. TRACK CENTER BETWEEN MAIN LINES OF DFC HAS BEEN KEPT AS MIN. 6.0M AT STRAIGHT SECTION.
 8. DRAIN SHALL BE PROVIDED BETWEEN IR AND DFC TRACKS TO DRAIN OUT RAINWATER.
 9. DRAINAGE FLOW DIAGRAM SHOWN IN PLAN & PROFILE ARE INDICATIVE. HOWEVER DETAIL DRAINAGE SYSTEM DRAWINGS WILL BE SUBMITTED SEPARATELY.
 10. C/F CABLE FALLING IN PROPOSED DFC ALIGNMENT HAS TO BE SHIFTED SUITABLY.
 11. PUBLIC UTILITIES, HT/LT LINES ETC. INTERFERING DFC TRACKS SHALL BE RELOCATED.
 12. AT THE LOCATIONS WHERE EMBANKMENT HEIGHT IS <1MT IS PROPOSED TO MAKE EMBANKMENT HEIGHT AS 1.5 MT TO CUT OFF THE EARTH.
 13. TROLLEY RIG SHALL BE PROVIDED LONG ENOUGH TO PERFORM AS PER CONTRACT.
 14. FOR LEGEND AND ABBREVIATION REFER RELEVANT DRAWING.



DEDICATED FREIGHT CORRIDOR
CORPORATION OF INDIA LTD.

TITLE :
ALIGNMENT PLAN AND PROFILE OF SLICE - 202 C
FROM CH. 432+500 TO CH. 433+700

REVIEWS

		DRAWING STAGE
--	--	---------------

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

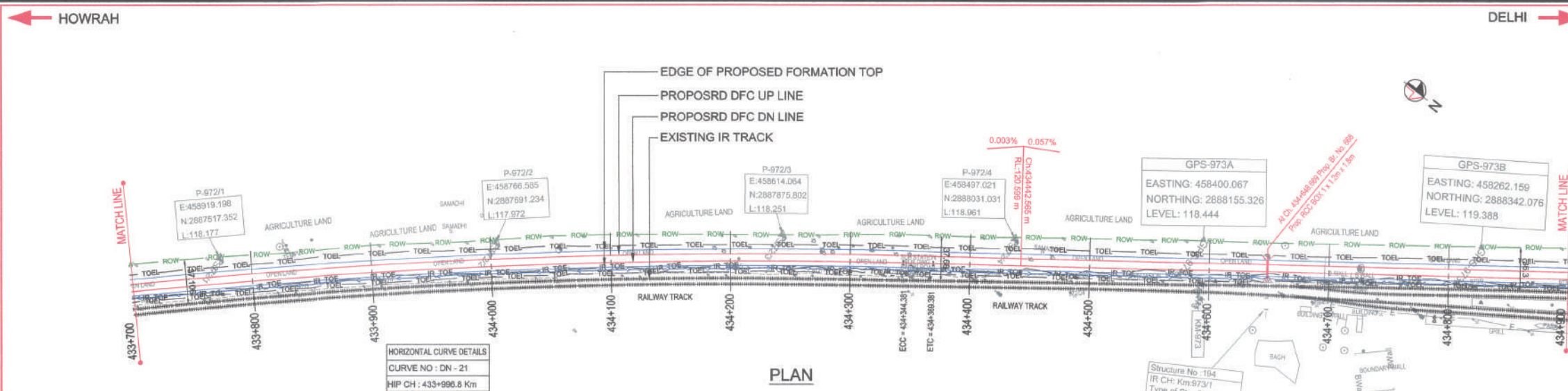
SUBMITTED BY : GIL - SIL JV

NOC BY : SYSTRA - Mott MacDonald IV

APPROVAL BY: DECC

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NOT BE SEEN, COPIED OR REPRODUCED WITHOUT THE WRITTEN PERMISSION OF THE MINISTER OF RAILWAYS.
 (R.P.S. under Min. of Railways)
 ALLAHABAD



- LEGEND :**
- EXISTING IR TRACK
 - PROPOSED DFCC TRACK
 - PROPOSED FORMATION
 - DFCC ROW LINE
 - EXISTING IR TOE LINE
 - DFCC TOE LINE FOR EMB HT < 6.0M
 - FLOW DIRECTION OF PROPOSED DRAIN
 - EDGE OF PROPOSED FORMATION TOP
 - EXISTING GROUND

- NOTES :**
- ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE.
 - ALL COORDINATES ARE BASED ON WGS 84 PROJECTION IN UTM ZONE 44.
 - TOP WIDTH OF EMBANKMENT / FORMATION IS 13.5M FOR DOUBLE LINE IN STRAIGHT SECTION.
 - CHAINAGE AND LEVELS AS SHOWN IN THE DRAWING IS BASED ON THE DFCC DOWN LINE.
 - EQUILIBRIUM SPEED HAS BEEN TAKEN AS 85 KM/H.
 - TRACK CENTER BETWEEN DFC & EXISTING IR TRACK HAS BEEN KEPT AT MIN. 6.0M AT STRAIGHT SECTION.
 - 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.
 - DRAINAGE FLOW DIAGRAM SHOWN IN PLAN & PROFILE ARE INDICATIVE. HOWEVER DETAILED DRAINAGE SYSTEM DRAWINGS WILL BE SUBMITTED SEPARATELY.
 - DFCC CABLE FALLING IN PROPOSED DFC ALIGNMENT HAS TO BE SHIFTED SUITABLY.
 - PUBLIC UTILITIES HT/LT LINES, ETC. INTERFERING DFC TRACKS SHALL BE RELOCATED.
 - AT THE LOCATIONS WHERE EMBANKMENT HEIGHT IS < 1M, IT IS PROPOSED TO MAKE THE EMBANKMENT HEIGHT AS 1M BY CUTTING THE EARTH.
 - TROLLEY REFUGE WILL BE PROVIDED ALONG THE ALIGNMENT AS PER CONTRACT.
 - FOR LEGEND AND ABBREVIATION REFER RELEVANT DRAWING.

EMPLOYER :

DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT :

EASTERN DEDICATED FREIGHT CORRIDOR (PACKAGE - 202)

TITLE :

ALIGNMENT PLAN AND PROFILE OF SLICE - 202 C
FROM CH. 433+700 TO CH. 434+900

DRAWING NO.	REV	SCALE
P 2 AL 0831	D	HOR : 1:2000 VER : 1:200

REVIEWS		
REV	DATE	REMARKS
B	14.12.2015	AS SUGGESTED BY PMC ON. 03.12.2015
C	02.01.2016	REVISION MADE AS PER DFC LETTER NO. ALD/WJEN/PMCP/202/167 DATED 23.12.2015
D	15.01.2015	REVISION MADE AS PER PMC LETTER NO. PMCS/DFCC/202/1600013 DATED 11.01.2016

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 RAHULA CHAMBERS, NARIMAN POINT, MUMBAI 400 021.

OFFICE OF ORIGIN : KOLKATA

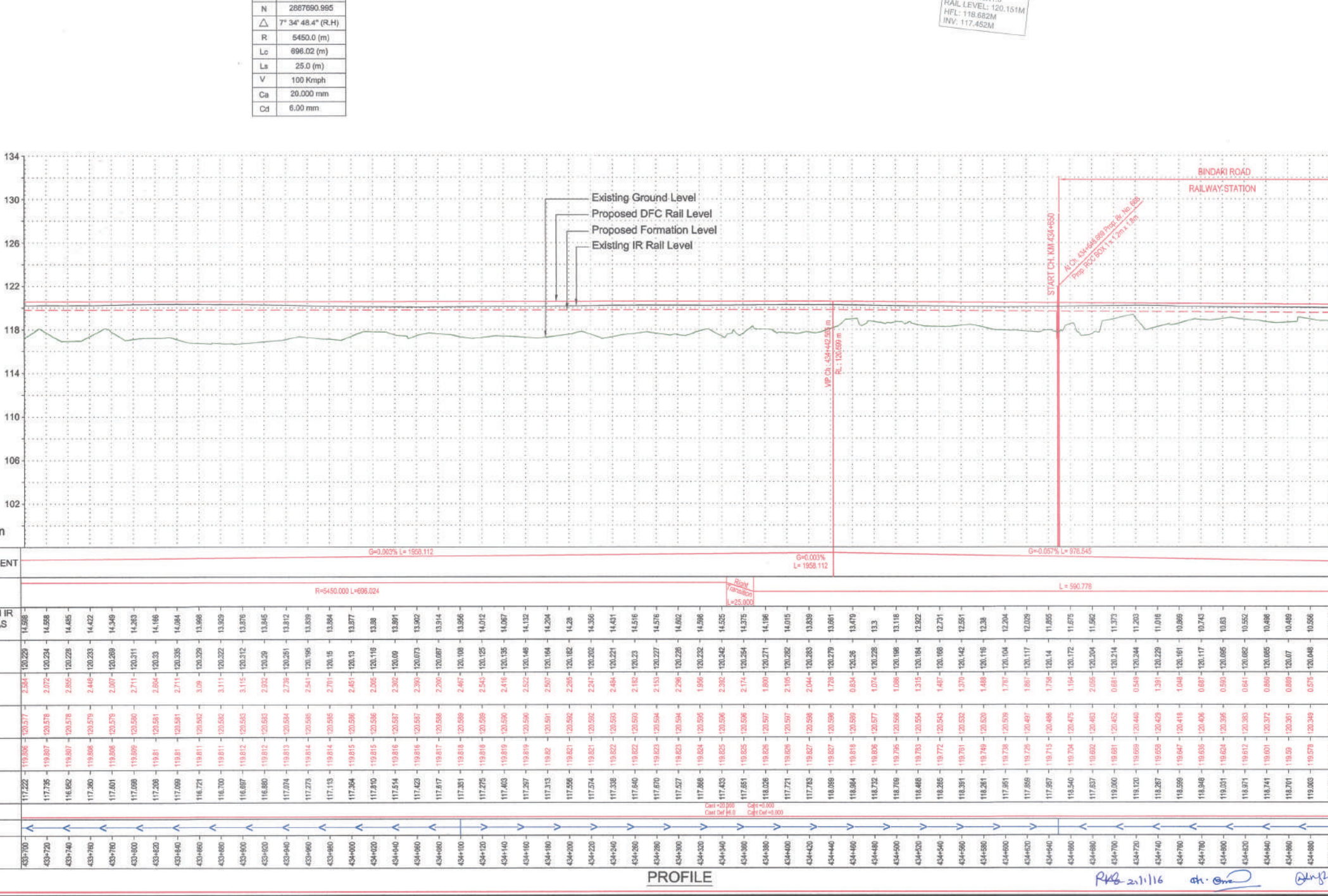
DATE	NAME	SIGN.
30.11.2015	A.Das	
30.11.2015	SP	
30.11.2015	S.K. AICH	

SUBMITTED BY :		
DATE	NAME	SIGN.
14.12.2015	Y. WADHWA	

NOC BY :		
DATE	NAME	SIGN.
18.01.2016	Kamal Sharm	
14.12.2015	P. AMERIKANOS	

APPROVAL BY :		
DATE	NAME	SIGN.
21/11/16	R.Y	

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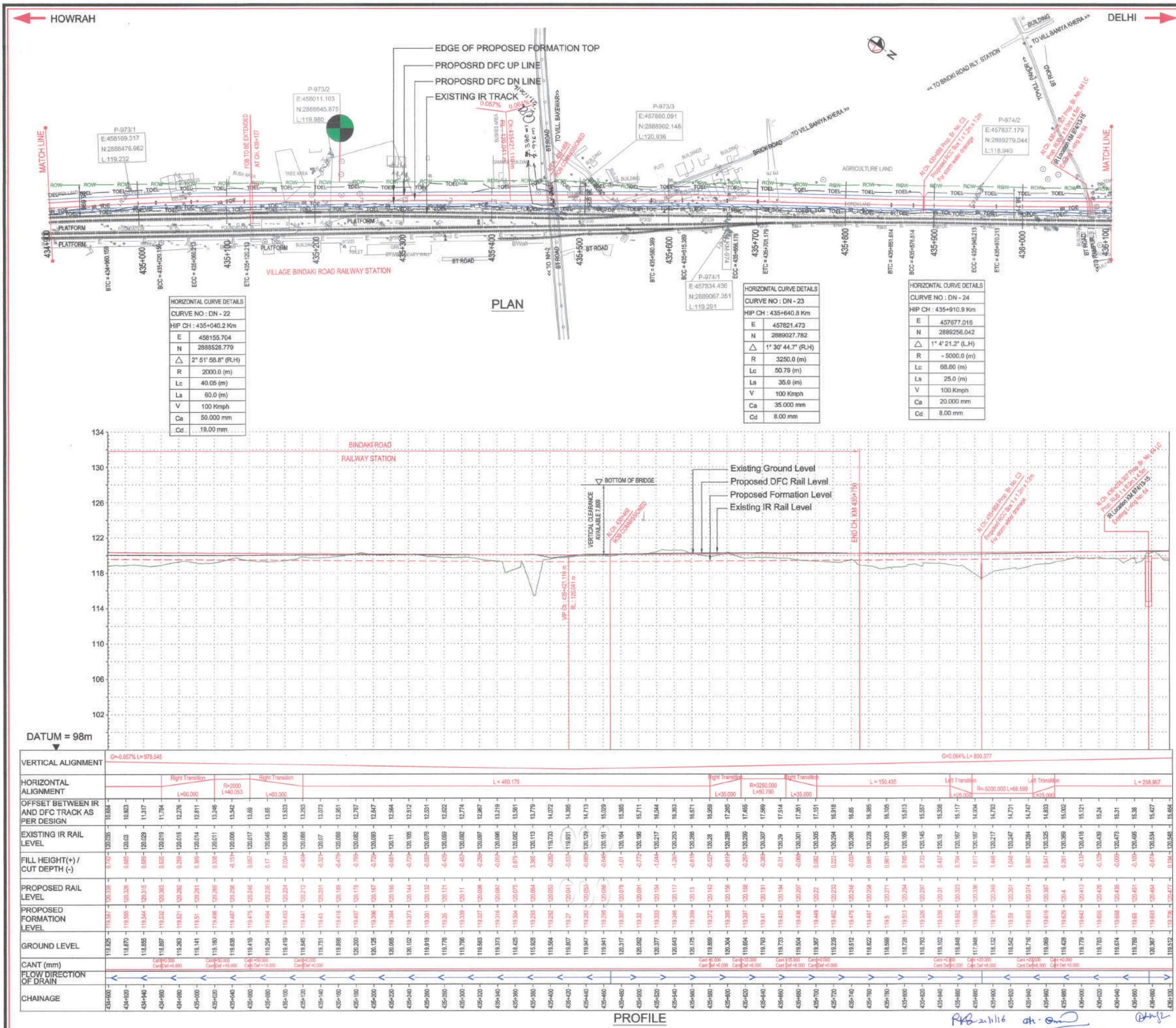


PROFILE

Asstt. Project Manager
Dedicated Freight Corridor Corporation of India Ltd.
A.P.S.U. Under Min. of Railways
Allahabad (West)

Project Manager (Engg.)
Dedicated Freight Corridor Corporation of India Ltd.
A.P.S.U. Under Min. of Railways
Allahabad (West)

Chief Project Manager
Dedicated Freight Corridor Corporation of India Ltd.
A.P.S.U. Under Min. of Railways
Allahabad



LEGEND :

EXISTING IR TRACK
PROPOSED DFCC TRACK
PROPOSED FORMATION
DFCC ROW LINE
EXISTING IR TOE LINE
TOE LINE
DFCC TOE LINE FOR EMB HT < 6.0M
FLOW DIRECTION OF PROPOSED DRAIN
EDGE OF PROPOSED FORMATION TOP
EXISTING GROUND

- NOTES :**
- ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE.
 - ALL COORDINATES ARE BASED ON WGS 84 PROJECTION IN UTM ZONE 44.
 - TOP WIDTH OF EMBANKMENT / 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 AS 85 KM/H.
 - TRACK CENTER BETWEEN DFC & EXISTING IR TRACK HAS BEEN KEPT AT MIN. 6.0M AT STRAIGHT SECTION.
 - 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.
 - DRAINAGE FLOW DIAGRAM SHOWN IN PLAN & PROFILE ARE INDICATIVE. HOWEVER DETAILED DRAINAGE SYSTEM DRAWINGS WILL BE SUBMITTED SEPARATELY.
 - OPC CABLE FALLING IN PROPOSED DFC ALIGNMENT HAS TO BE SHIFTED SUITABLY.
 - PUBLIC UTILITIES (WATER, ETC.) INTERFERING DFC TRACKS SHALL BE RELOCATED.
 - AT THE LOCATIONS WHERE EMBANKMENT HEIGHT IS < 1M, IT IS PROPOSED TO MAKE THE EMBANKMENT HEIGHT AS 1M BY CUTTING THE EARTH.
 - TROLLEY REFUGE WILL BE PROVIDED ALONG THE ALIGNMENT AS PER CONTRACT.
 - FOR LEGEND AND ABBREVIATION REFER RELEVANT DRAWING.

EMPLOYER :

DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT :

EASTERN DEDICATED FREIGHT CORRIDOR (PACKAGE - 202)

TITLE :

ALIGNMENT PLAN AND PROFILE OF SLICE - 202 C

FROM CH. 434+00 TO CH. 436+100

DRAWING NO.	REV	SCALE
P 2 AL 0 8 3 2	D	HOR : 1:2000 VER : 1:200

REVIEWS

REV	DATE	REMARKS
B	14.12.2015	AS SUGGESTED BY PMC ON. 03.12.2015
C	02.01.2016	REVISION MADE AS PER DFC LETTER NO. ALD(W)ENPM/CP/2025/167 DATED 23.12.2015.
D	15.01.2015	REVISION MADE AS PER PMC LETTER NO. PMCS/DFCC/202/16000/03 DATED 11.01.2016.

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- RAJAJI CHAMBERS, NARIMAN POINT, MUMBAI 400 021.

OFFICE OF ORIGIN : KOLKATA

DATE	NAME	SIGN.
30.11.2015	A.Das	
30.11.2015	SP	
30.11.2015	S.K. AICH	

SUBMITTED BY :

GIL - SIL JV

DATE	NAME	SIGN.
14.12.2015	Y. WADHWA	

NOC BY :

SYSTRA - Mott MacDonald JV

DATE	NAME	SIGN.
18-01-2016	Kamal Shau	
14-12-2015	P. AMERIKANOS	

APPROVAL BY :

DFCC

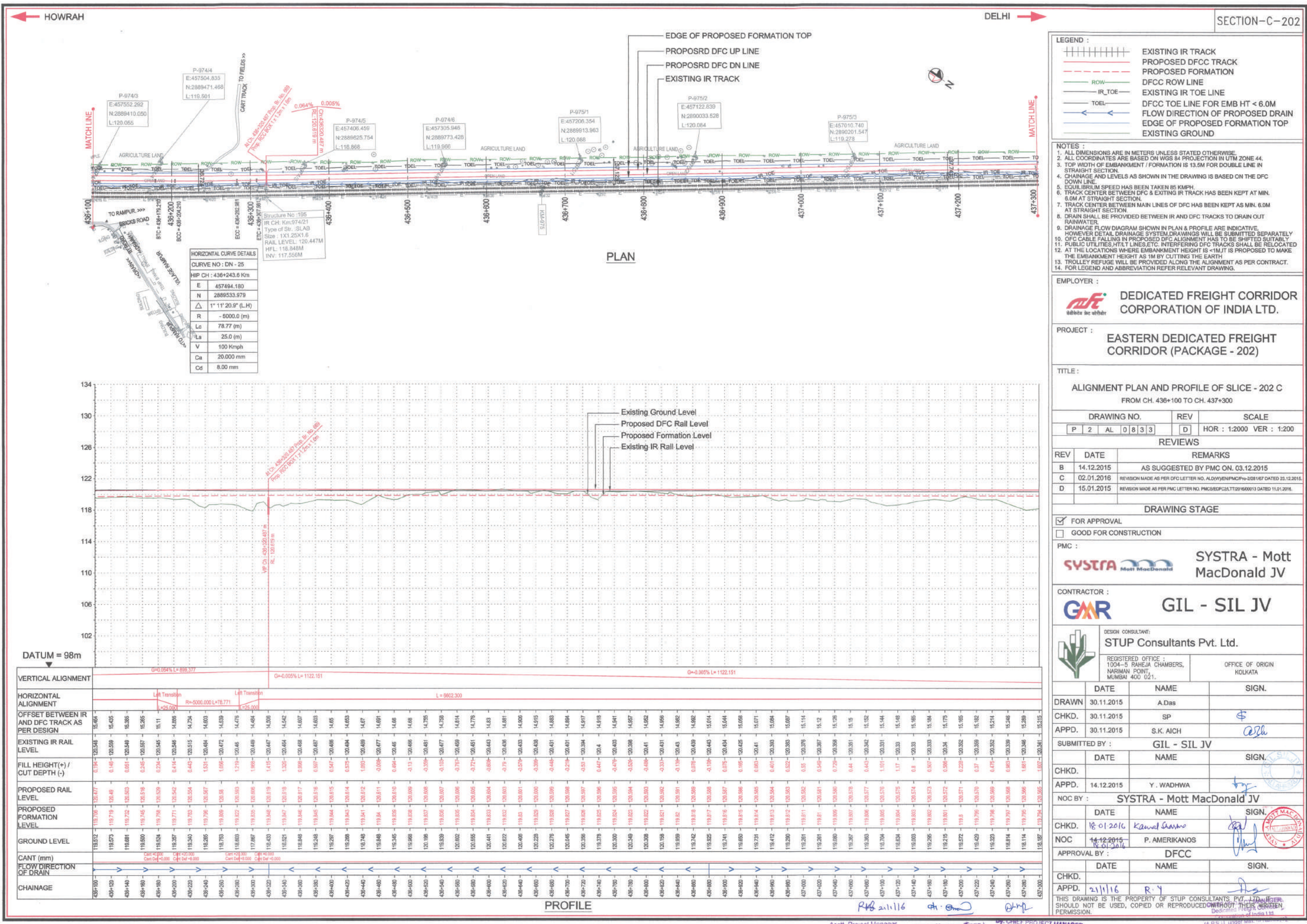
DATE	NAME	SIGN.
21/11/16	R. Y	

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Asstt. Project Manager
Dedicated Freight Corridor
Corporation of India Ltd.
(A.P.S.U. Under Min. of Railways)
Allahabad (West)

Project Manager (Engrg.)
Dedicated Freight Corridor
Corporation of India Ltd.
(A.P.S.U. Under Min. of Railways)
Allahabad (West)

CHIEF PROJECT MANAGER
Dedicated Freight Corridor
Corporation of India Ltd.
(A.P.S.U. Under Min. of Railways)
Allahabad



LEGEND :

- EXISTING IR TRACK
- PROPOSED DFCC TRACK
- PROPOSED FORMATION
- DFCC ROW LINE
- EXISTING IR TOE LINE
- TOE
- DFCC TOE LINE FOR EMB HT < 6.0M
- FLOW DIRECTION OF PROPOSED DRAIN
- EDGE OF PROPOSED FORMATION TOP
- EXISTING GROUND

- NOTES :**
- ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE.
 - ALL COORDINATES ARE BASED ON WGS 84 PROJECTION IN UTM ZONE 44.
 - TOP WIDTH OF EMBANKMENT / 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 KMPH.
 - TRACK CENTER BETWEEN DFC & EXISTING IR TRACK HAS BEEN KEPT AT MIN. 6.0M AT STRAIGHT SECTION.
 - 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.
 - DRAINAGE FLOW DIAGRAM SHOWN IN PLAN & PROFILE ARE INDICATIVE. HOWEVER DETAIL DRAINAGE SYSTEM DRAWINGS WILL BE SUBMITTED SEPARATELY.
 - DFC CABLE FALLING IN PROPOSED DFC ALIGNMENT HAS TO BE SHIFTED SUITABLY.
 - PUBLIC UTILITIES, HT/LT LINES, ETC. INTERFERING DFC TRACKS SHALL BE RELOCATED.
 - AT THE LOCATIONS WHERE EMBANKMENT HEIGHT IS < 1M, IT IS PROPOSED TO MAKE THE EMBANKMENT HEIGHT AS 1M BY CUTTING THE EARTH.
 - TROLLEY REFUGE WILL BE PROVIDED ALONG THE ALIGNMENT AS PER CONTRACT.
 - FOR LEGEND AND ABBREVIATION REFER RELEVANT DRAWING.

EMPLOYER :

DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT :

EASTERN DEDICATED FREIGHT CORRIDOR (PACKAGE - 202)

TITLE :

ALIGNMENT PLAN AND PROFILE OF SLICE - 202 C
FROM CH. 436+100 TO CH. 437+300

DRAWING NO.	REV	SCALE
P 2 AL 0 8 3 3	D	HOR : 1:2000 VER : 1:200

REVIEWS		
REV	DATE	REMARKS
B	14.12.2015	AS SUGGESTED BY PMC ON. 03.12.2015
C	02.01.2016	REVISION MADE AS PER DFC LETTER NO. ALD(W)/ENR/PMC/10-208/167 DATED 23.12.2015.
D	15.01.2015	REVISION MADE AS PER PMC LETTER NO. PMCS/DFCC/217/2015/00013 DATED 11.01.2016.

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 RAJEEVA CHAMBERS, NARIMAN POINT, MUMBAI 400 021.

OFFICE OF ORIGIN KOLKATA

DATE	NAME	SIGN.
30.11.2015	A.Das	
30.11.2015	SP	
30.11.2015	S.K. AICH	

SUBMITTED BY :		
DATE	NAME	SIGN.
14.12.2015	Y. WADHWA	

NOC BY :		
DATE	NAME	SIGN.
18.01.2016	Kamal Sharma	
18.01.2016	P. AMERIKANOS	

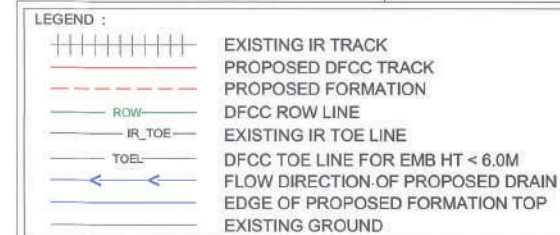
APPROVAL BY :		
DATE	NAME	SIGN.
21/11/16	R.Y	

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Asstt. Project Manager
Dedicated Freight Corridor Corporation of India Ltd
(A.P.S.U. Under Min. of Railways)
Allahabad (West)

Project Manager (Engg.)
Dedicated Freight Corridor Corporation of India Ltd
(A.P.S.U. Under Min. of Railways)
Allahabad (West)

CHIEF PROJECT MANAGER
Dedicated Freight Corridor Corporation of India Ltd
(A.P.S.U. Under Min. of Railways)
Allahabad



NOTES :

1. ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE.
2. ALL COORDINATES ARE BASED ON WGS 84 PROJECTION IN UTM ZONE 48.
3. TOP WIDTH OF EMBANKMENT / 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 DFC & EXITING IR TRACK HAS BEEN KEPT AT MIN. 6.0M AT STRAIGHT SECTION.
7. TRACK CENTER BETWEEN MAIN LINES OF DFC HAS BEEN KEPT AS MIN. 6.0M AT STRAIGHT SECTION.
8. DRAIN SHALL BE PROVIDED BETWEEN IR AND DFC TRACKS TO DRAIN OUT RAINWATER.
9. DRAINAGE FLOW DIAGRAM SHOWN IN PLAN & PROFILE ARE INDICATIVE.
10. OVER DETAIL DRAINAGE SYSTEM DRAWINGS WILL BE SUBMITTED SEPARATELY OF CABLE FALLING IN PROPOSED DFC ALIGNMENT HAS TO BE SHIFTED SUITABLY.
11. PUBLIC UTILITIES, HT/LT LINES ETC. INTERFERING DFC TRACKS SHALL BE RELOCATE.
12. AT THE LOCATIONS WHERE EMBANKMENT HEIGHT IS <1M IT IS PROPOSED TO MAKE THE EMBANKMENT HEIGHT AS 1M BY CUTTING THE EARTH.
13. ANY REFERENCE TO THE DRAWING SHALL BE PROVIDED IN THE CONTRACT AS PER CONTRACT.
14. FOR LEGEND AND ABBREVIATION REFER RELEVANT DRAWING.

EMPLOYER :  DEDICATED FREIGHT CORRIDOR
CORPORATION OF INDIA LTD.

PROJECT : EASTERN DEDICATED FREIGHT
CORRIDOR (PACKAGE - 202)

TITLE :
ALIGNMENT PLAN AND PROFILE OF SLICE - 202 C
FROM CH. 437+300 TO CH. 438+500

DRAWING NO.						REV	SCALE	
P	2	AL	0	8	3	4	C	HOR : 1:2000 VER : 1:200

REVIEWS

REV	DATE	REMARKS
B	14.12.2015	AS SUGGESTED BY PMC ON. 03.12.2015
C	02.01.2016	REVISION MADE AS PER DFC LETTER NO. ALD/WJEN/PMC/Pro-228/167 DATED 23.12.2015

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	30.11.2015	A.Das	
CHKD.	30.11.2015	SP	\$
APPD.	30.11.2015	S.K. AICH	PRK

SUBMITTED BY :	GIL - SIL JV
----------------	--------------

	DATE	NAME	SIGN.
CHKD.			
APPD.	14.12.2015	Y. WADHWA	

NOC BY : SYSTRA - Mott MacDonald JV

	DATE	NAME	SIGN.
CHKD.	08/01/2016	KAMAL SHARMA	
NOC	08/01/2016 14-12-2015	P. AMERIKANOS	

APPROVAL BY : DFCC

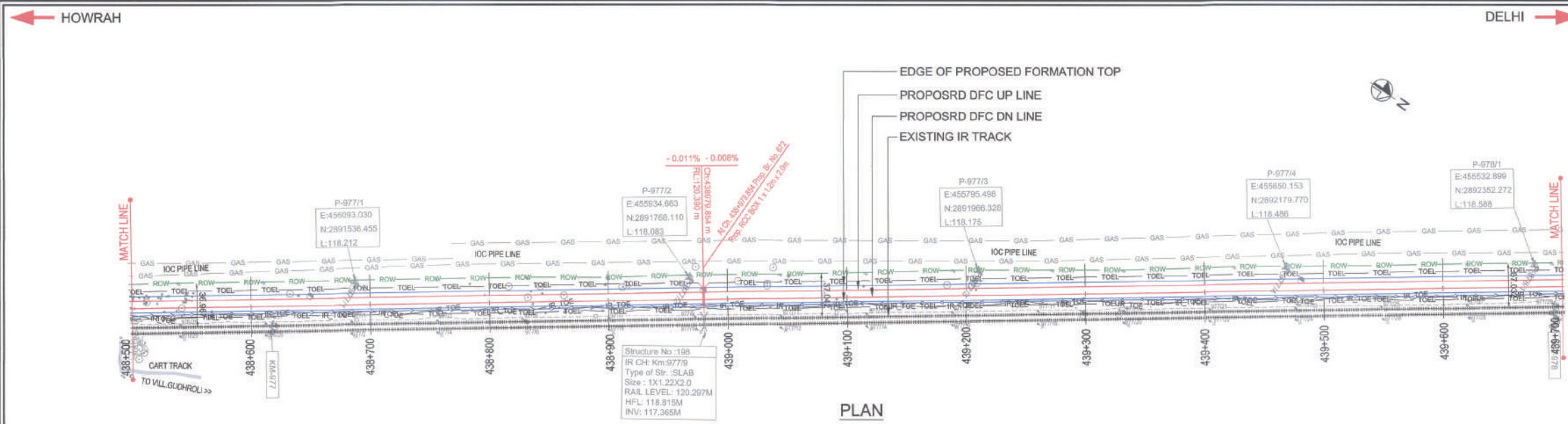
	DATE	NAME	SIGN.
CHKD.			
APPD.	21/1/16	R. Y	

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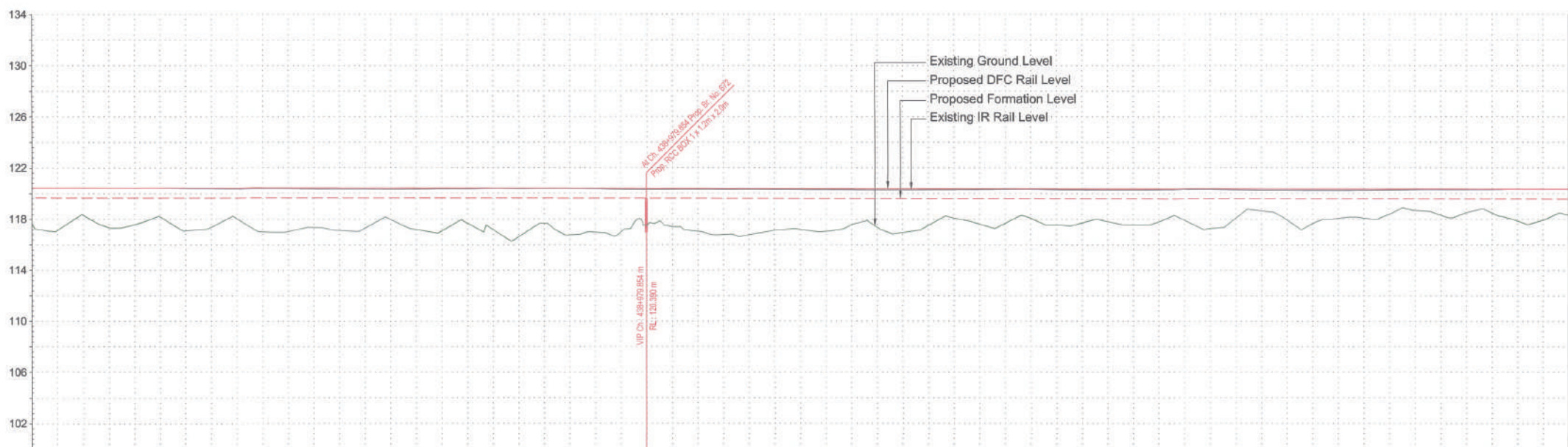
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SHOULD NOT BE USED, COPIED OR REPRODUCED WITHOUT THEIR WRITTEN
MANAGER'S PERMISSION.

Corporation of India Ltd.
(A.P.S.U. under Section 3 of the Companies Act, 1956)

Ltd.
Railways)



PLAN



PROFILE

VERTICAL ALIGNMENT	
HORIZONTAL ALIGNMENT	
OFFSET BETWEEN IR AND DFC TRACK AS PER DESIGN	
EXISTING IR RAIL LEVEL	
FILL HEIGHT(+)/ CUT DEPTH (-)	
PROPOSED RAIL LEVEL	
PROPOSED FORMATION LEVEL	
GROUND LEVEL	
CANT (mm)	
FLOW DIRECTION OF DRAIN	
CHAINAGE	

LEGEND :

	EXISTING IR TRACK
	PROPOSED DFC TRACK
	PROPOSED FORMATION
	DFCC ROW LINE
	EXISTING IR TOE LINE
	DFCC TOE LINE FOR EMB HT < 6.0M
	FLOW DIRECTION OF PROPOSED DRAIN
	EDGE OF PROPOSED FORMATION TOP
	EXISTING GROUND

- NOTES :
- ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE.
 - ALL COORDINATES ARE BASED ON WGS 84 PROJECTION IN UTM ZONE 44.
 - TOP WIDTH OF EMBANKMENT / 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 DFC & EXISTING IR TRACK HAS BEEN KEPT AT MIN. 6.0M AT STRAIGHT SECTION.
 - TRACK CENTER BETWEEN MAIN LINES OF DFC HAS BEEN KEPT AT MIN. 6.0M AT STRAIGHT SECTION.
 - DRAINAGE FLOW DIAGRAM SHOWN IN PLAN & PROFILE ARE INDICATIVE. HOWEVER DETAILED DRAINAGE SYSTEM DRAWINGS WILL BE SUBMITTED SEPARATELY.
 - DFC CABLE FALLING IN PROPOSED DFC ALIGNMENT HAS TO BE SHIFTED SUITABLY.
 - PUBLIC UTILITIES HT/LT LINES, ETC. INTERFERING DFC TRACKS SHALL BE RELOCATED.
 - AT THE LOCATIONS WHERE EMBANKMENT HEIGHT IS < 1M, IT IS PROPOSED TO MAKE THE EMBANKMENT HEIGHT AS 1M BY CUTTING THE EARTH.
 - TROLLEY REFUGE WILL BE PROVIDED ALONG THE ALIGNMENT AS PER CONTRACT.
 - FOR LEGEND AND ABBREVIATION REFER RELEVANT DRAWING.

EMPLOYER :
DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT :
EASTERN DEDICATED FREIGHT CORRIDOR (PACKAGE - 202)

TITLE :
ALIGNMENT PLAN AND PROFILE OF SLICE - 202 C
 FROM CH. 438+500 TO CH. 439+700

DRAWING NO.	REV	SCALE
P 2 AL 0835	C	HOR : 1:2000 VER : 1:200

REVIEWS

REV	DATE	REMARKS
B	14.12.2015	AS SUGGESTED BY PMC ON. 03.12.2015
C	02.01.2016	REVISION MADE AS PER DFC LETTER NO. ALD(W)/PM/PC/10-2281/87 DATED 23.12.2015.

DRAWING STAGE
☒ FOR APPROVAL
☐ GOOD FOR CONSTRUCTION

PMC :
SYSTRA - Mott MacDonald JV

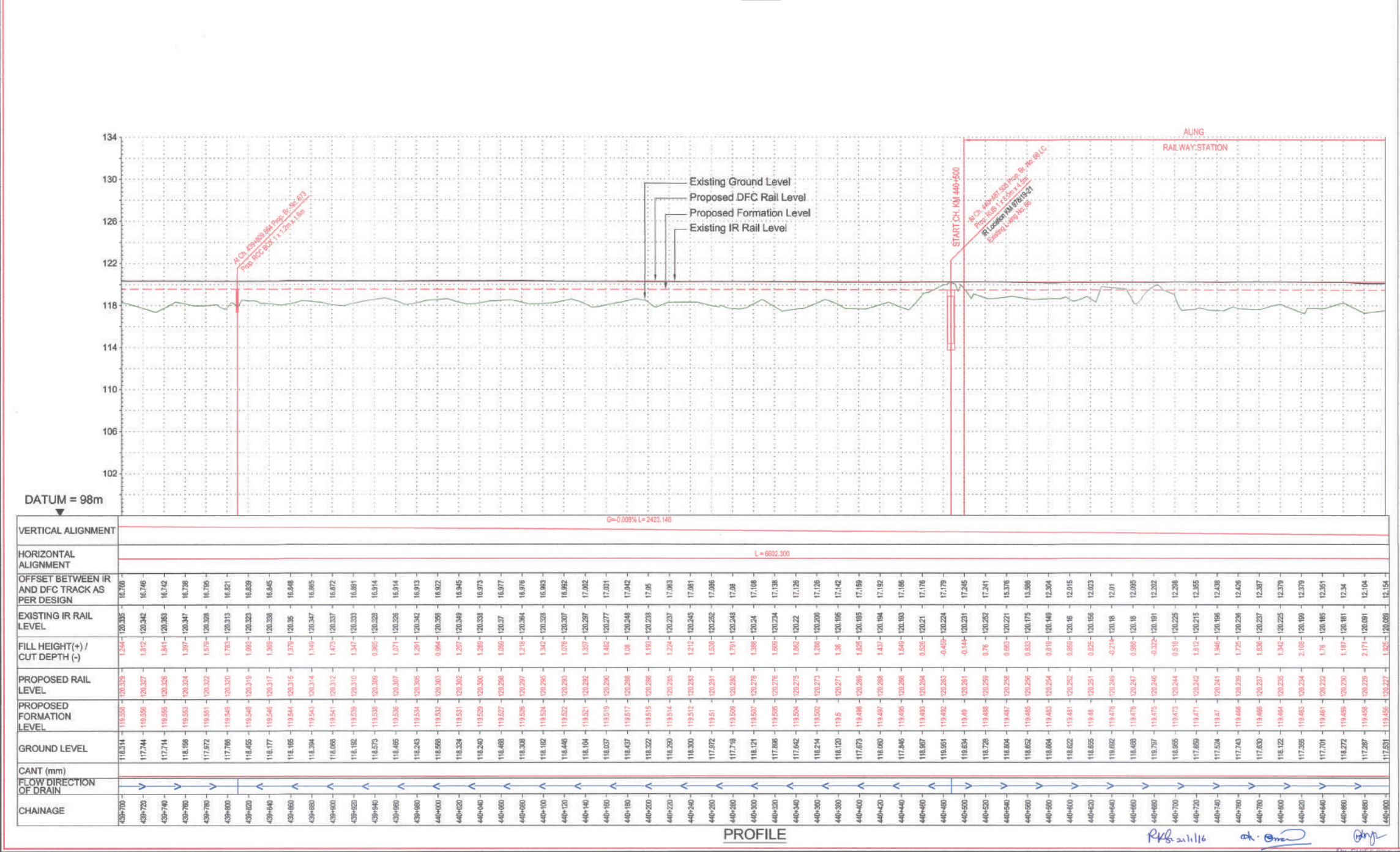
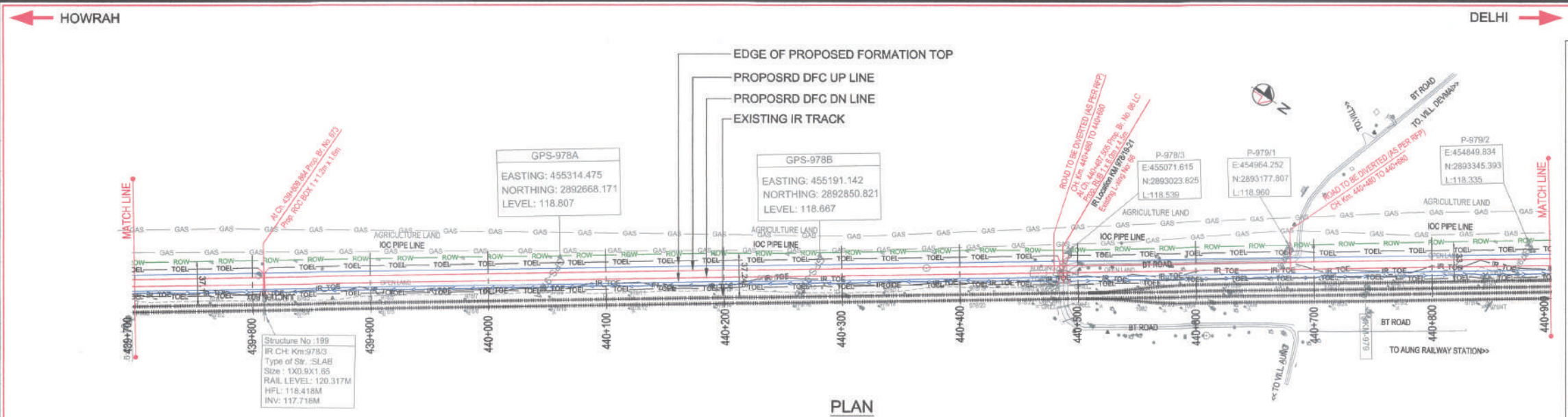
CONTRACTOR :
GIL - SIL JV

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	30.11.2015	A.Das
CHKD.	30.11.2015	SP
APPD.	30.11.2015	S.K. AICH
SUBMITTED BY :	GIL - SIL JV	
DATE	NAME	SIGN.
CHKD.	04.01.2016	Y. WADHWA
APPD.	14.12.2015	
NOC BY :	SYSTRA - Mott MacDonald JV	
DATE	NAME	SIGN.
CHKD.	08/01/2016	KAMAL CHAKRA
NOC	14.12.2015	P. AMERIKANOS
APPROVAL BY :	DFCC	
DATE	NAME	SIGN.
CHKD.		
APPD.	21/11/16	R. Y.

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 ALLAHABAD

Asst. Project Manager
 Project Manager
 Dy. Chief Project Manager
 Corporation of India Ltd.
 Corporation of India Ltd.
 Corporation of India Ltd.
 P.S.U. Under Min. of Railways
 P.S.U. Under Min. of Railways
 P.S.U. Under Min. of Railways
 ALLAHABAD



SECTION-C-202

LEGEND :

- EXISTING IR TRACK
- PROPOSED DFCC TRACK
- PROPOSED FORMATION
- DFCC ROW LINE
- EXISTING IR TOE LINE
- DFCC TOE LINE FOR EMB HT < 6.0M
- FLOW DIRECTION OF PROPOSED DRAIN
- EDGE OF PROPOSED FORMATION TOP
- EXISTING GROUND

NOTES :

- ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE.
- ALL COORDINATES ARE BASED ON WGS 84 PROJECTION IN UTM ZONE 44.
- TOP WIDTH OF EMBANKMENT / 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 DFC & EXISTING IR TRACK HAS BEEN KEPT AT MIN. 6.0M AT STRAIGHT SECTION.
- 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.
- DRAINAGE FLOW DIAGRAM SHOWN IN PLAN & PROFILE ARE INDICATIVE. HOWEVER DETAILED DRAINAGE SYSTEM DRAWINGS WILL BE SUBMITTED SEPARATELY.
- DFCC CABLE FALLING IN PROPOSED DFC ALIGNMENT HAS TO BE SHIFTED SUITABLY.
- PUBLIC UTILITIES, HT/LT LINES, ETC. INTERFERING DFC TRACKS SHALL BE RELOCATED.
- AT THE LOCATIONS WHERE EMBANKMENT HEIGHT IS < 1M, IT IS PROPOSED TO MAKE THE EMBANKMENT HEIGHT AS 1M BY CUTTING THE EARTH.
- TROLLEY REFUGE WILL BE PROVIDED ALONG THE ALIGNMENT AS PER CONTRACT.
- FOR LEGEND AND ABBREVIATION REFER RELEVANT DRAWING.

EMPLOYER :

DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT :

EASTERN DEDICATED FREIGHT CORRIDOR (PACKAGE - 202)

TITLE :

ALIGNMENT PLAN AND PROFILE OF SLICE - 202 C

FROM CH. 439+700 TO CH. 440+900

DRAWING NO. REV SCALE

P 2 AL 08 3 6 D HOR : 1:2000 VER : 1:200

REVIEWS

REV	DATE	REMARKS
B	14.12.2015	AS SUGGESTED BY PMC ON. 03.12.2015
C	02.01.2016	REVISION MADE AS PER DFC LETTER NO. ALD/WH/PM/CP/328/167 DATED 23.12.2015.
D	15.01.2016	REVISION MADE AS PER DFC LETTER NO. PM/CS/ED/CP/2/LT/2016/00013 DATED 11.01.2016.

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-S RAJAJA CHAMBERS,
NARIMAN POINT,
MUMBAI 400 021.

OFFICE OF ORIGIN
KOLKATA

DATE	NAME	SIGN.
30.11.2015	A.Das	
30.11.2015	SP	
30.11.2015	S.K. AICH	

SUBMITTED BY : GIL - SIL JV

DATE	NAME	SIGN.
14.12.2015	Y. WADHWA	

NOC BY : SYSTRA - Mott MacDonald JV

DATE	NAME	SIGN.
18.12.2015	Kamal Shrivastava	
14.12.2015	P. AMERIKANOS	

APPROVAL BY : DFCC

DATE	NAME	SIGN.
21/1/16	R.Y.	

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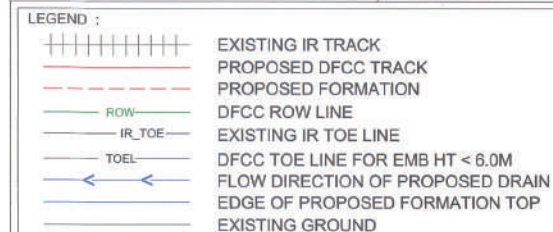
Post: Project Manager
Dedicated Freight Corridor
Corporation of India Ltd
(A.P.S.U. Under Min. of Railways)
Allahabad (West)

Project Manager (Engg.)
Dedicated Freight Corridor
Corporation of India Ltd
(A.P.S.U. Under Min. of Railways)
Allahabad (West)

Dedicated Freight Corridor
Corporation of India Ltd
(A.P.S.U. Under Min. of Railways)
Allahabad

(A.P.S.U. under Min. of Railways)
Allahabad

DELH



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 EMBANKMENT / FORMATION IS 13.5M FOR DOUBLE LINE IN STRAIGHT SECTION.
4. CHAIRAGE 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 DFC & EXITING IR TRACK HAS BEEN KEPT AT MIN. 6.0M AT STRAIGHT SECTION.
7. TRACK CENTER BETWEEN MAIN LINES OF DFC HAS BEEN KEPT AS MIN. 5.0M AT STRAIGHT SECTION.
8. DRAIN SHALL BE PROVIDED BETWEEN IR AND DFC TRACKS TO DRAIN OUT RAINWATER.
9. DRAINAGE FLOW DIAGRAM SHOWN IN PLAN & PROFILE ARE INDICATIVE. HOWEVER DETAIL DRAINAGE SYSTEM DRAWINGS WILL BE SUBMITTED SEPARATELY.
10. C&C CABLE FALLING IN PROPOSED DFC ALIGNMENT HAS TO BE SHIFTED SUITABLY.
11. PUBLIC UTILITIES, HT/LT LINES, ETC. INTERFERING DFC TRACKS SHALL BE RELOCATED.
12. AT THE LOCATIONS WHERE EMBANKMENT HEIGHT IS $< 1\text{m}$, IT IS PROPOSED TO MAKE EMBANKMENT HEIGHT $> 1\text{m}$ BY CUTTING THE EXISTING DFC TRACKS.
13. TROLLEY REFUGE WILL BE PROVIDED ALONG DFC ALIGNMENT AS PER CONTRACT.
14. FOR LEGEND AND ABBREVIATION REFER RELEVANT DRAWING.

EMPLOYER :  DEDICATED FREIGHT CORRIDOR
CORPORATION OF INDIA LTD.

PROJECT : EASTERN DEDICATED FREIGHT
CORRIDOR (PACKAGE - 202)

TITLE :
ALIGNMENT PLAN AND PROFILE OF SLICE - 202 C
FROM CH. 440+900 TO CH. 442+100

DRAWING NO.							REV	SCALE
P	2	AL	0	8	3	7	C	HOR : 1:2000 VER : 1:200

REVIEWS		
REV	DATE	REMARKS
B	14.12.2015	AS SUGGESTED BY PMC ON. 03.12.2015
C	02.01.2016	REVISION MADE AS PER DFC LETTER NO. ALD(W)EN/PMC/Po-228/187 DATED 23.12.2015

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	30.11.2015	A.Das	
CHKD.	30.11.2015	SP	\$
APPD.	30.11.2015	S.K. AICH	<i>SKA</i>

SUBMITTED BY :	GIL - SIL IV
----------------	--------------

	DATE	NAME	SIGN.
CHKD.			
APPD.	04-01-2016 14-12-2015	Y. WADHWA	

NOC BY : SYSTRA - Mott MacDonald JV

	DATE	NAME	SIGN.
CHKD.	08/01/2016	KAMAL SHARMA	
NOC	08/01/2016 14-12-2015	P. AMERIKANOS	

APPROVAL BY :

	DATE	NAME	SIGN.
CHKD.			
APPD.	21/1/16	R. Y	

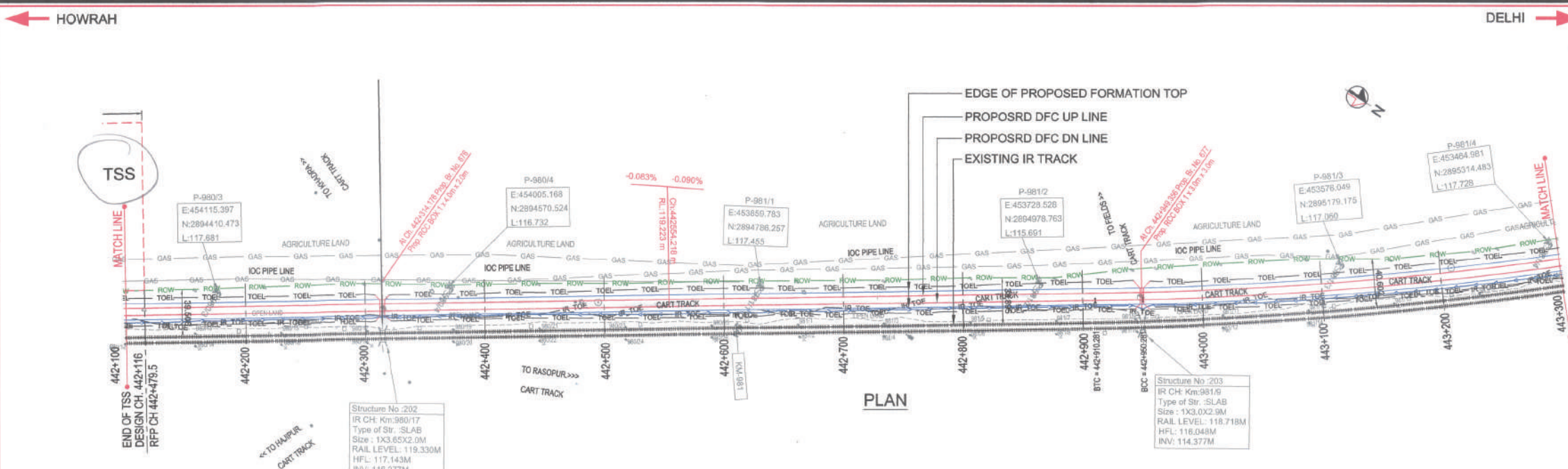
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[illegible]

PROFILE

Asstt. Project Manager	Project Manager (Engg)
Dedicated Freight Corridor	Dedicated Freight Corridor
Corporation of India Ltd	Corporation of India Ltd
(A.P.S.U. Under Min. of Railways)	(A.P.S.U. Under Min. of Railways)

Dy. CHIEF PROJECT MANAGER
Railway Projects Corporation
Corporation of India Ltd.
(A.P.S.U. Under Min. of Railway)
ALLAHABAD



- LEGEND :**
- EXISTING IR TRACK
 - PROPOSED DFC TRACK
 - PROPOSED FORMATION
 - DFCC ROW LINE
 - EXISTING IR TOE LINE
 - TOEL
 - DFCC TOE LINE FOR EMB HT < 6.0M
 - FLOW DIRECTION OF PROPOSED DRAIN
 - EDGE OF PROPOSED FORMATION TOP
 - EXISTING GROUND

- NOTES :**
- ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE
 - ALL COORDINATES ARE BASED ON WGS 84 PROJECTION IN UTM ZONE 44.
 - TOP WIDTH OF EMBANKMENT / 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 KMPH.
 - TRACK CENTER BETWEEN DFC & EXISTING IR TRACK HAS BEEN KEPT AT MIN. 6.0M AT STRAIGHT SECTION.
 - 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.
 - DRAINAGE FLOW DIAGRAM SHOWN IN PLAN & PROFILE ARE INDICATIVE. HOWEVER DETAIL DRAINAGE SYSTEM DRAWINGS WILL BE SUBMITTED SEPARATELY.
 - DFCC CABLE FALLING IN PROPOSED DFC ALIGNMENT HAS TO BE SHIFTED SUITABLY.
 - PUBLIC UTILITIES, HT/LT LINES, ETC. INTERFERING DFC TRACKS SHALL BE RELOCATED.
 - AT THE LOCATIONS WHERE EMBANKMENT HEIGHT IS < 1M, IT IS PROPOSED TO MAKE THE EMBANKMENT HEIGHT AS 1M BY CUTTING THE EARTH.
 - TROLLEY REFUGE WILL BE PROVIDED ALONG THE ALIGNMENT AS PER CONTRACT.
 - FOR LEGEND AND ABBREVIATION REFER RELEVANT DRAWING.

EMPLOYER :
 DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT :
EASTERN DEDICATED FREIGHT CORRIDOR (PACKAGE - 202)

TITLE :
ALIGNMENT PLAN AND PROFILE OF SLICE - 202 C
FROM CH. 442+100 TO CH. 443+300

DRAWING NO.	REV	SCALE
P 2 AL 0 8 3 8	D	HOR : 1:2000 VER : 1:200

REVIEWS		
REV	DATE	REMARKS
B	14.12.2015	AS SUGGESTED BY PMC ON. 03.12.2015
C	02.01.2016	REVISION MADE AS PER DFC LETTER NO. AL/DW/BEN/PMC/2015/167 DATED 23.12.2015.
D	15.01.2015	REVISION MADE AS PER PMC LETTER NO. PMCS/DFCC/2015/16000/13 DATED 11.01.2016.

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 RAJESH CHAMBERS,
NARIMAN POINT,
MUMBAI 400 021.
OFFICE OF ORIGIN
KOLKATA

DATE	NAME	SIGN.
DRAWN	30.11.2015	A.Das
CHKD.	30.11.2015	SP
APPD.	30.11.2015	S.K. AICH

SUBMITTED BY :
GIL - SIL JV

CHKD.
APPD. 14.12.2015 Y. WADHWA

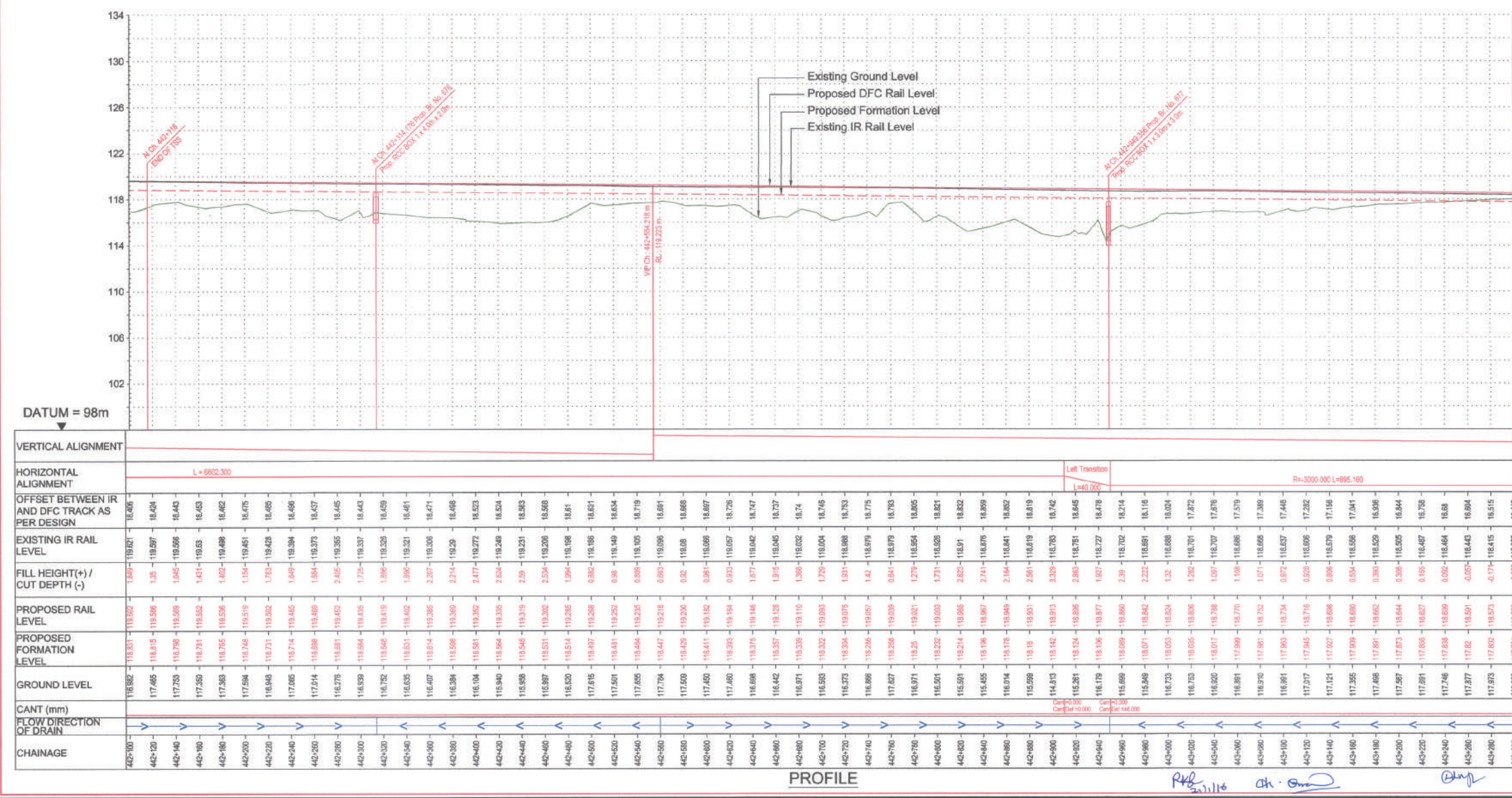
NOC BY :
SYSTRA - Mott MacDonald JV

CHKD. 18.12.2016 Kanak Sharma
NOC 14.12.2015 P. AMERIKANOS

APPROVAL BY :
DFCC

CHKD.
APPD. 21/11/16 R.Y.

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DATUM = 98m

VERTICAL ALIGNMENT	CH	LEVEL
HORIZONTAL ALIGNMENT	L = 6602.300	
OFFSET BETWEEN IR AND DFC TRACK AS PER DESIGN		
EXISTING IR RAIL LEVEL		
FILL HEIGHT(+) / CUT DEPTH (-)		
PROPOSED RAIL LEVEL		
PROPOSED FORMATION LEVEL		
GROUND LEVEL		
CANT (mm)		
FLOW DIRECTION OF DRAIN		
CHAINAGE		