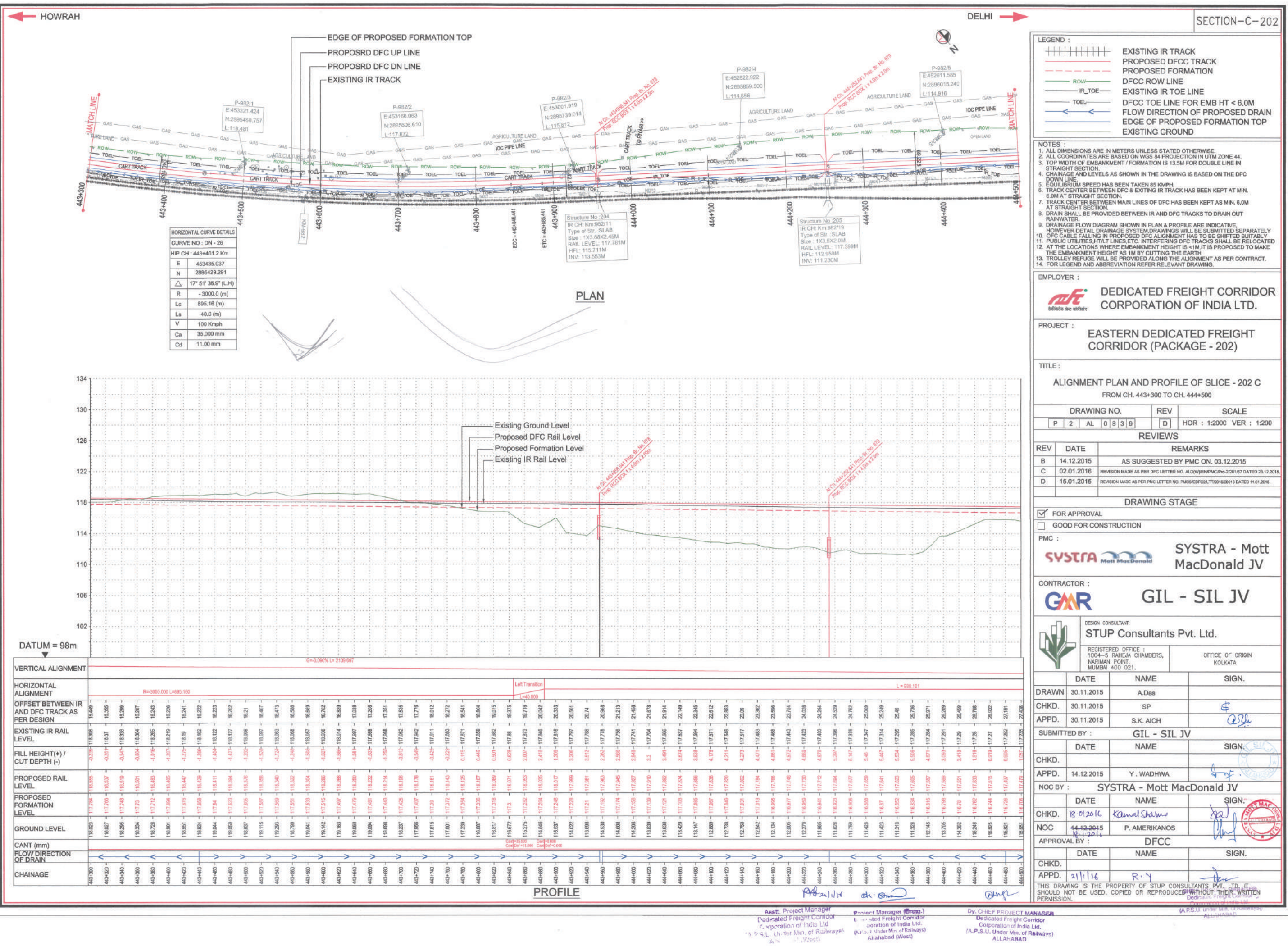
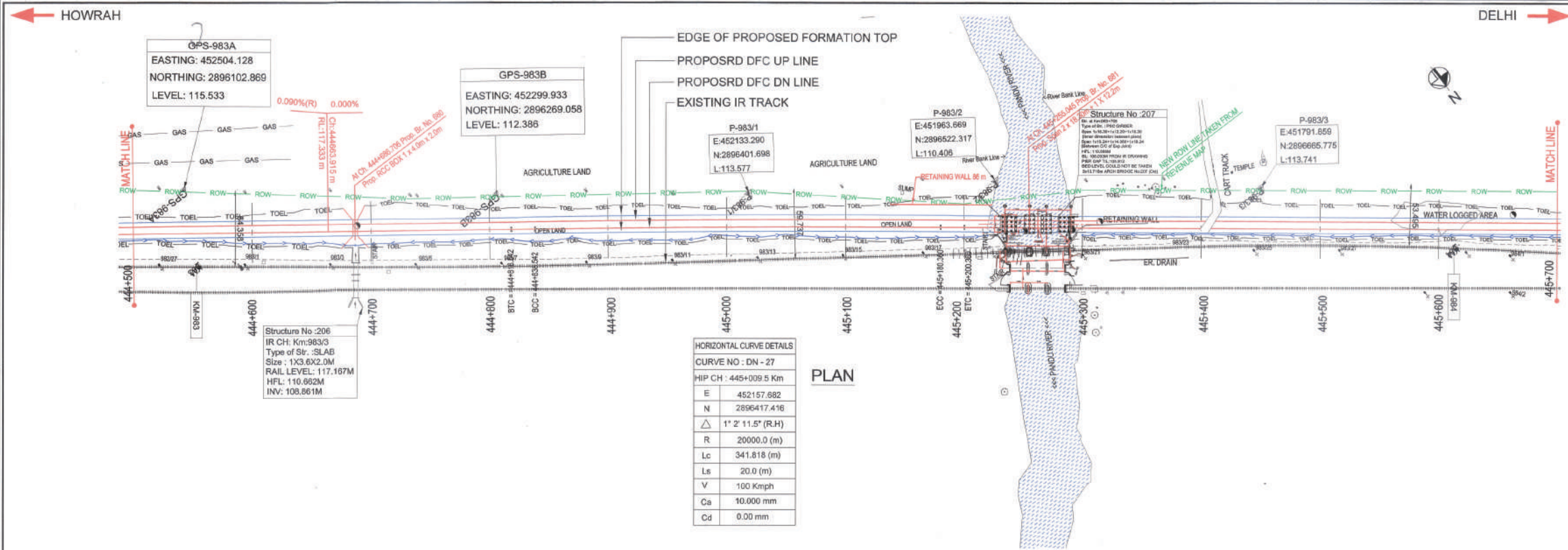






- LEGEND :**
- EXISTING IR TRACK
 - PROPOSED DFC TRACK
 - PROPOSED FORMATION
 - DFCC ROW LINE
 - EXISTING IR TOE LINE
 - DFCC TOE LINE FOR EMB HT < 6.0M

- 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.
 - CHANGING 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/L 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. 444+500 TO CH. 445+700

DRAWING NO.	REV	SCALE
P 2 AL 0840	E	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/2015/167 DATED 23.12.2015
D	15.01.2016	REVISION MADE AS PER DFC LETTER NO. PMC/SEDF/2015/00013 DATED 11.01.2016
E	23.07.2016	REVISION MADE AS PER DFC LETTER NO. PMC/SEDF/2015/00018 DATED 31.05.2016

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.
 OFFICE OF ORIGIN : KOLKATA

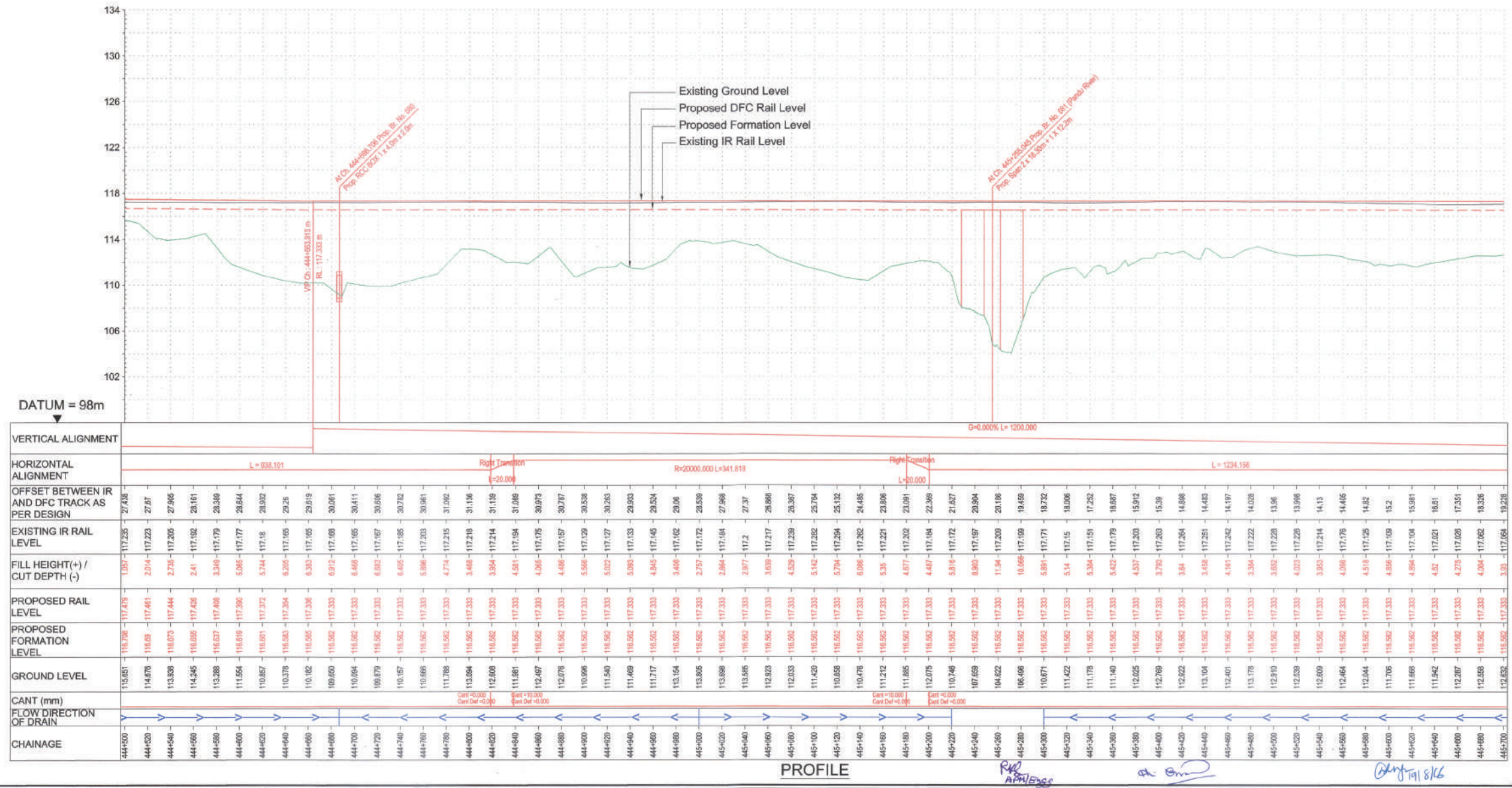
DATE	NAME	SIGN.
DRAWN 23.07.2016	A. DAS	A.D.
CHKD. 23.07.2016	SP	
APPD. 23.07.2016	S.K. AICH	

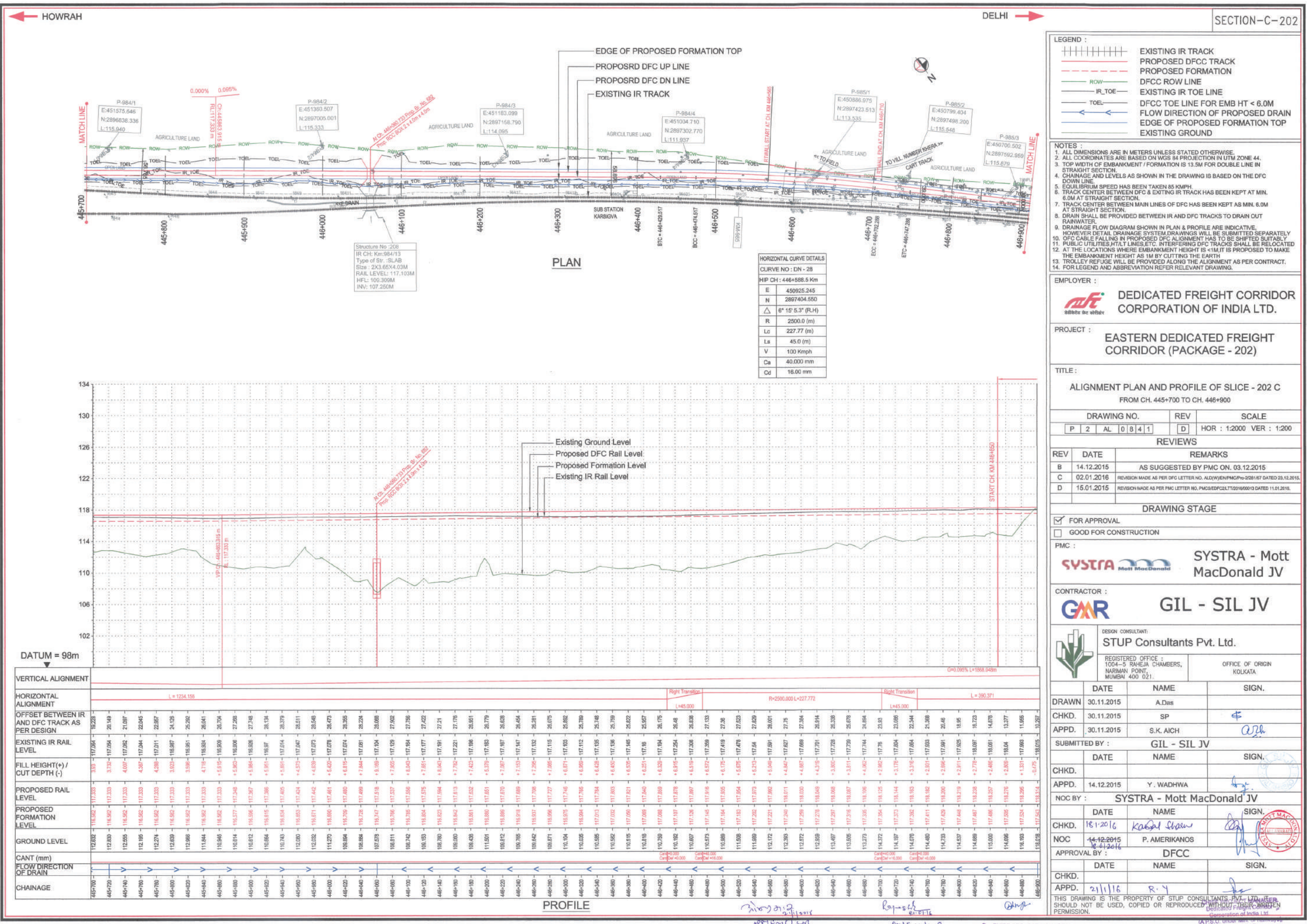
SUBMITTED BY : GIL - SIL JV		
DATE	NAME	SIGN.
CHKD. 28/07/2016	REEPAK GUPTA	
APPD. 29/07/2016	RAMPAL SAINI	

NOC BY : SYSTRA - Mott MacDonald JV		
DATE	NAME	SIGN.
CHKD. 26-07-2016	KAMAL SHARMA	
NOC 26-07-2016	P. AMERIKANOS	

APPROVAL BY : DFCC		
DATE	NAME	SIGN.
CHKD. 19-08-16	S. K. MAURYA	
APPD. 19-08-16	S. K. MAURYA	

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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 :**
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 KM/PH.
 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 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 DETAILED DRAINAGE SYSTEM DRAWINGS WILL BE SUBMITTED SEPARATELY.
 10. OFC 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. 445+700 TO CH. 446+900

DRAWING NO.	REV	SCALE
P 2 AL 0 8 4 1	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)/PM/PC/202/167 DATED 23.12.2015.
D	15.01.2016	REVISION MADE AS PER PMC LETTER NO. PM/CS/ED/FC/202/16500/13 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 : 100-5, RAJEEVA CHAMBERS, NARIMAN POINT, MUMBAI 400 021.

OFFICE OF ORIGIN: KOLKATA

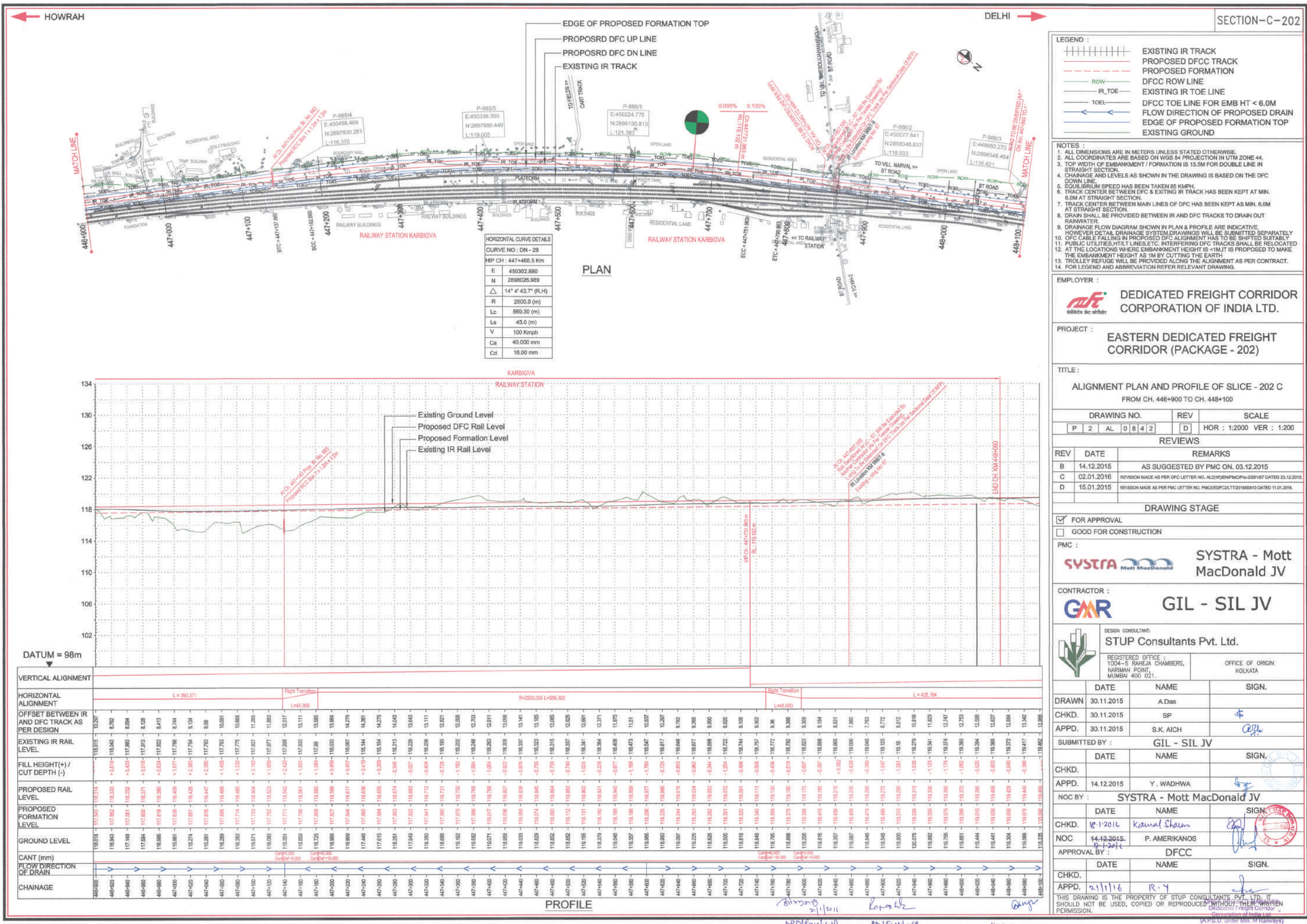
DATE	NAME	SIGN.
30.11.2015	A.Das	
30.11.2015	SP	
30.11.2015	S.K. AICH	
SUBMITTED BY : GIL - SIL JV		
DATE	NAME	SIGN.
14.12.2015	Y. WADHWA	
NOC BY : SYSTRA - Mott MacDonald JV		
DATE	NAME	SIGN.
18.12.2015	KABAL SHAW	
14.12.2015	P. AMERIKANOS	
APPROVAL BY : DFCC		
DATE	NAME	SIGN.
21/11/16	R. Y.	

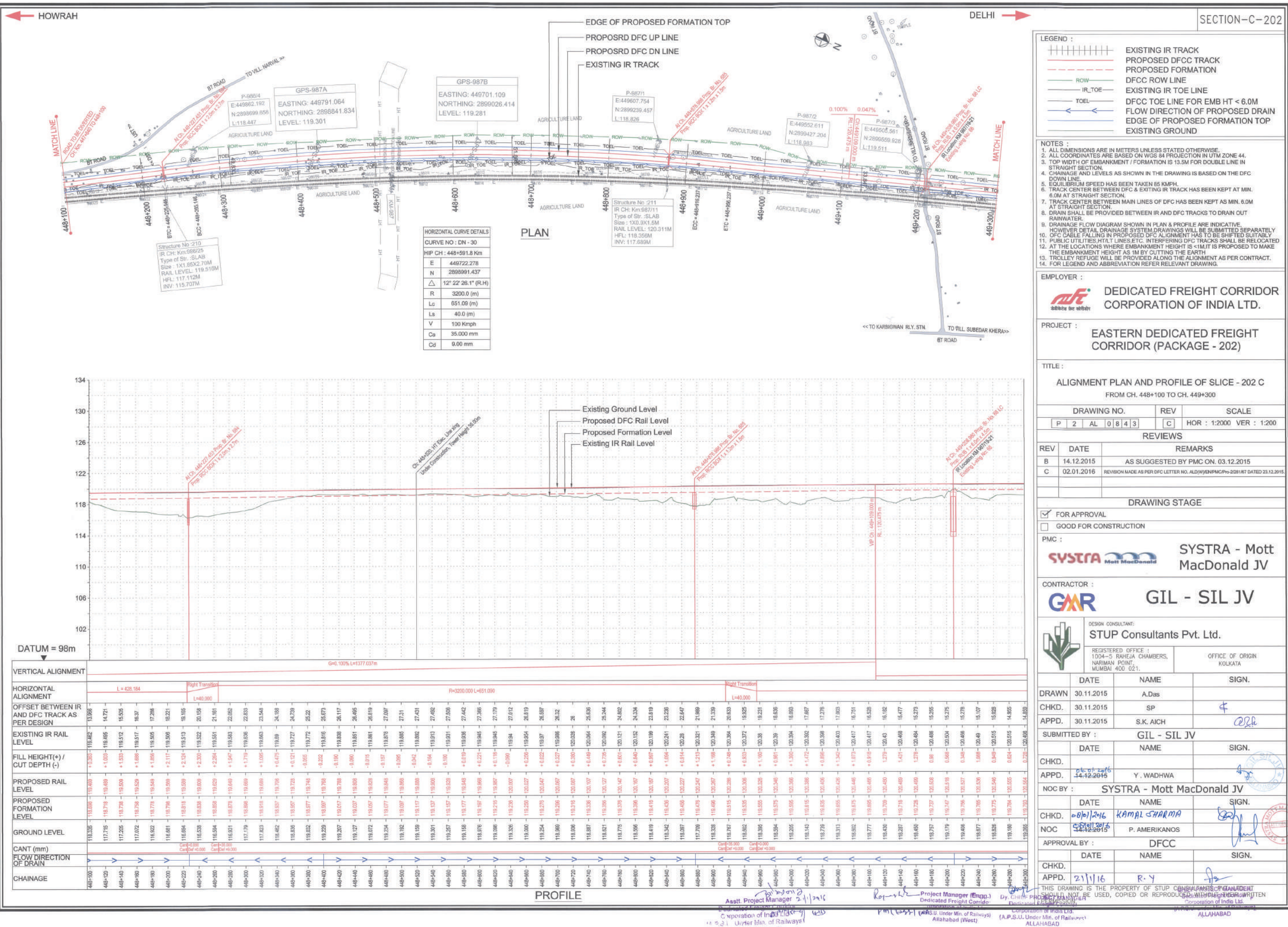
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APPROVED : *[Signature]* **Project Manager (Engg.)**
Dedicated Freight Corridor Corporation of India Ltd.
(A.P.S.U. Under Min. of Railways)
Allahabad (West)

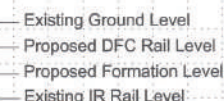
APPROVED : *[Signature]* **Project Manager (Engg.)**
Dedicated Freight Corridor Corporation of India Ltd.
(A.P.S.U. Under Min. of Railways)
Allahabad (West)

APPROVED : *[Signature]* **Chief Project Manager**
Dedicated Freight Corridor Corporation of India Ltd.
(A.P.S.U. Under Min. of Railways)
Allahabad





DELHI →



DATUM = 98m

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. 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 DFC & EXITING IR TRACK HAS BEEN KEPT AT MIN. 0.6M AT STRAIGHT SECTION.
 7. TRACK CENTER BETWEEN MAIN LINES OF DFC HAS BEEN KEPT AS MIN. 0.6M 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. HIGH END 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 EMBANKMENT HEIGHT 1.5M BY CUTTING THE EARTH.
 13. TROLLEY REFUGER WILL BE PROVIDED AS PER THE AGREEMENT 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)
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TITLE :
ALIGNMENT PLAN AND PROFILE OF SLICE - 202 C
FROM CH. 449+300 TO CH. 450+500

DRAWING NO.							REV	SCALE
P	2	AL	0	8	4	4	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/WEN/PMC/Pro-2/281/67 DATED 23.12.2015

DRAWING STAGE

☒ FOR APPROVAL☐ GOOD FOR CONSTRUCTION

PMC :

SYSTRA Mott MacDonald

CONTRACTOR :
GAR

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	PRh

-	R79	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	

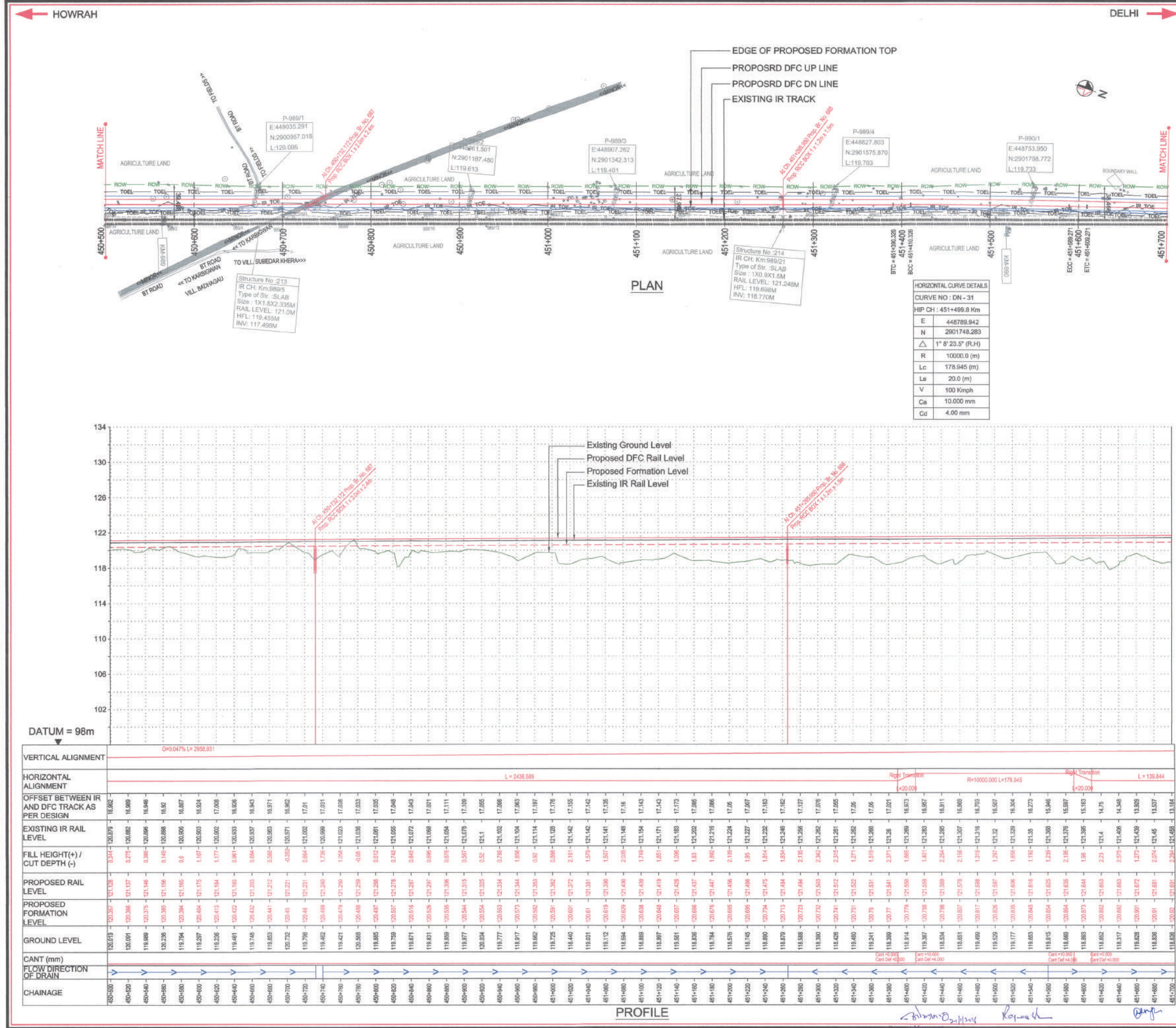
APPROVAL BY : _____

	DATE	NAME	SIGN.
CHKD.			
APPD.	21/1/16	R. Y	<i>[Signature]</i>

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Corporation of India Ltd.
(A.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
- 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 DFCC 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.
- OPC CABLE FALLING IN PROPOSED DFC ALIGNMENT HAS TO BE SHIFTED SUITABLY.
- PUBLIC UTILITIES, HTA/T 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. 450+500 TO CH. 451+700

DRAWING NO.	REV	SCALE
P 2 AL 0845	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/PMC/2015/167 DATED 23.12.2015
D	15.01.2016	REVISION MADE AS PER PMC LETTER NO. PMCS/DFCC/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, RAJESH 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 Chandra	
14.12.2015	P. AMERIKANOS	

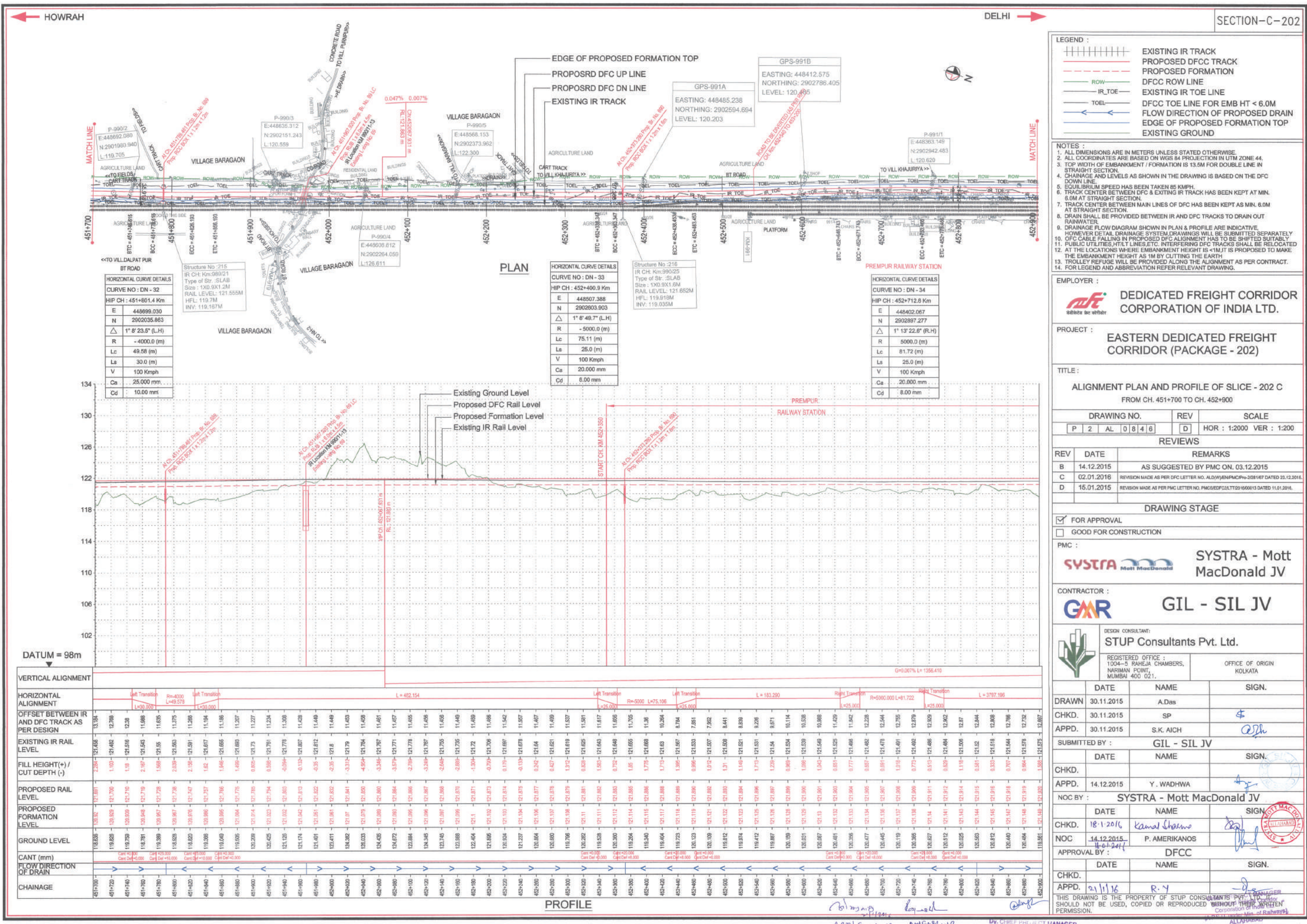
APPROVAL BY :

DFCC

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

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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 :**
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. 451+700 TO CH. 452+900

DRAWING NO.	REV	SCALE
P 2 AL 0846	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/BN/PMC/P-328/167 DATED 23.12.2015.
D	15.01.2016	REVISION MADE AS PER PMC LETTER NO. PMCS/DFCC/202/TT20/1600013 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 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.
18.1.2016	Kamal Sharma	
14.12.2015	P. AMERIKANOS	

APPROVAL BY :
DFCC

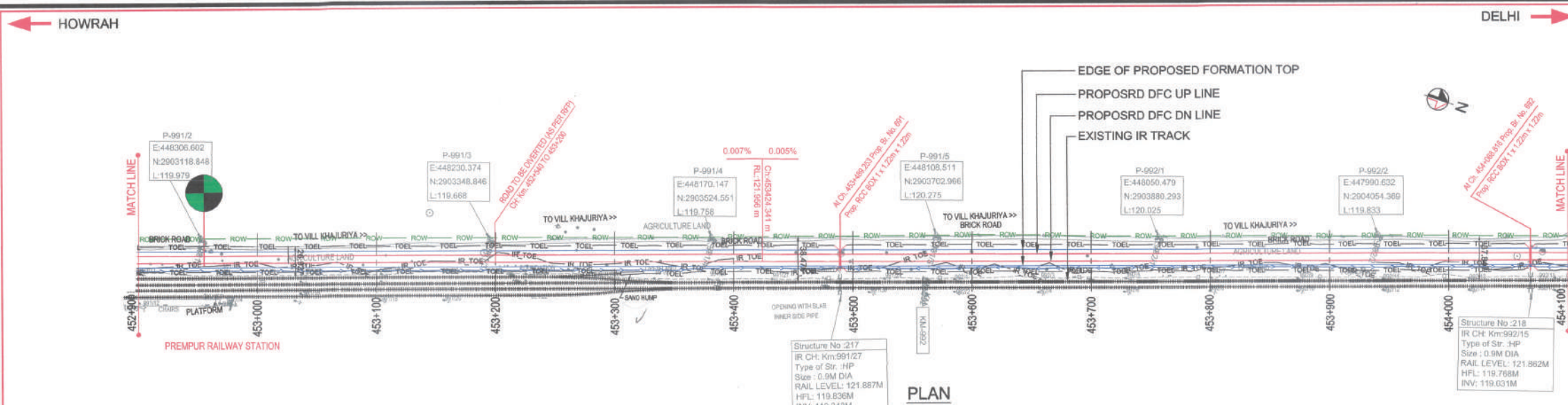
DATE	NAME	SIGN.
21.11.16	R. Y	

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

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

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
	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 DFCC DOWN LINE.
 5. EQUILIBRIUM SPEED HAS BEEN TAKEN 85 KM/H.
 6. TRACK CENTER BETWEEN DFCC & EXISTING IR TRACK HAS BEEN KEPT AT MIN. 6.0M AT STRAIGHT SECTION.
 7. TRACK CENTER BETWEEN MAIN LINES OF DFCC HAS BEEN KEPT AT MIN. 6.0M AT STRAIGHT SECTION.
 8. DRAIN SHALL BE PROVIDED BETWEEN IR AND DFCC 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. PUBLIC UTILITIES, HT/L LINES, ETC. INTERFERING DFCC 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.
 11. TROLLEY REFUGE WILL BE PROVIDED ALONG THE ALIGNMENT AS PER CONTRACT.
 12. 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. 452+000 TO CH. 454+100

DRAWING NO.	REV	SCALE
P 2 AL 0 8 4 7	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/WHN/PMC/2015/07 DATED 23.12.2015.
D	15.01.2015	REVISION MADE AS PER PMC LETTER NO. PMC/SE/DFC/2015/00013 DATED 11.01.2016.

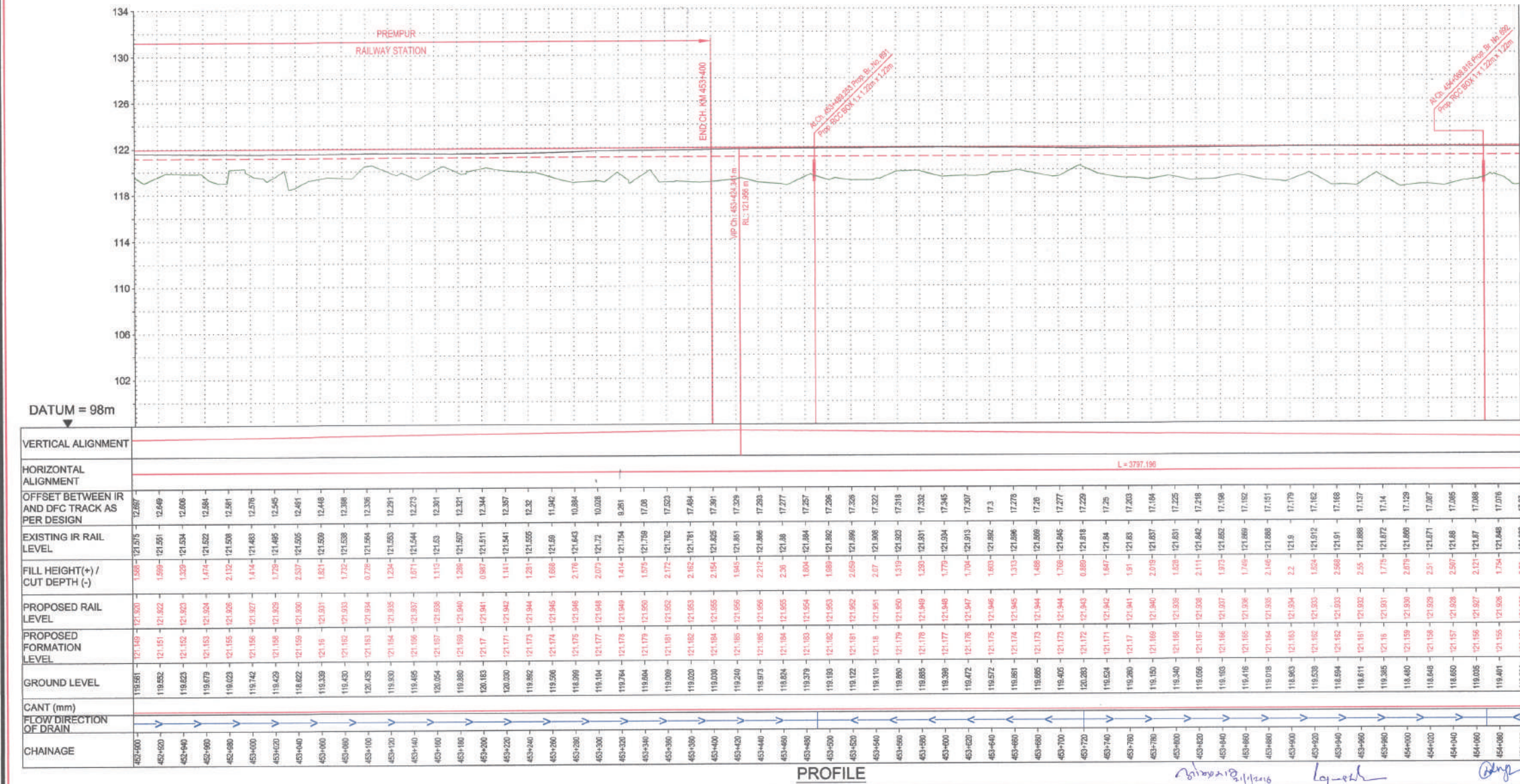
DRAWING STAGE
☒ FOR APPROVAL
☐ GOOD FOR CONSTRUCTION

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.
 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.		
APPD.	14.12.2015	Y. WADHWA
NOC BY : SYSTRA - Mott MacDonald JV		
DATE	NAME	SIGN.
CHKD.	18.01.2016	Kamal Chandra
NOC	14.12.2015	P. AMERIKANOS
APPROVAL BY : DFCC		
DATE	NAME	SIGN.
CHKD.		
APPD.	21/11/16	R.Y



DELH



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. GRADAGE 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. HOWEVER DETAILED DRAINAGE SYSTEM DRAWINGS WILL BE SUBMITTED SEPARATELY.
10. 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 EMBANKMENT HEIGHT 1M BY ADDING THE EXISTING TRACKS.
13. TROLLEY REFUGE WILL BE PROVIDED ALONG THE ALIGNMENT AS PER CONTRACT.
14. FOR LEGEND AND ABBREVIATION REFER RELEVANT DRAWING.

PROJECT :	EASTERN DEDICATED FREIGHT CORRIDOR (PACKAGE - 202)
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DRAWING NO.										REV		SCALE			
P	2	AL	0	8	4	9				C		HOR : 1:2000 VER : 1:200			

[illegible]

PMC :  SYSTRA - Mott MacDonald JV

CONTRACTOR :  GIL - SIL JV

DATE	NAME	SIGN.
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SUBMITTED BY :		GIL - SIL JV	
DATE	NAME	SIGN.	

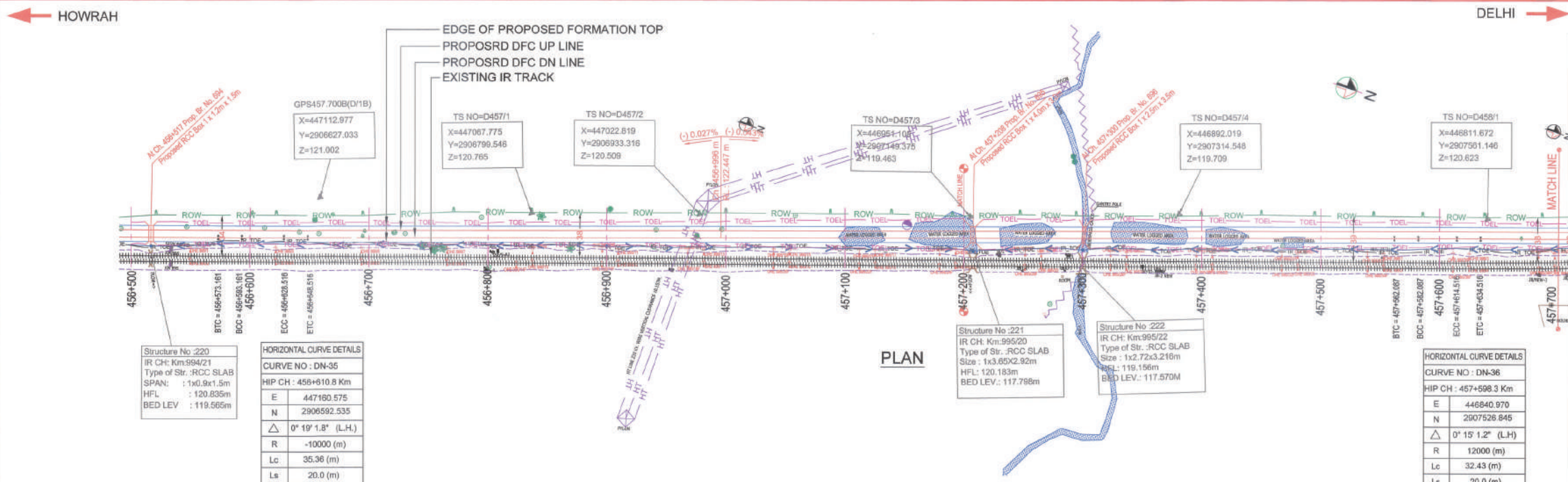
APPD.	14.12.2015	Y. WADHWA	
NOC BY :	SYSTRA - Mott MacDonald JV		

APPROVAL BY: _____		DFCC _____	
	DATE	NAME	SIGN.
CHIEF			

CHKD.			
APPD.	21/1/16	R.Y	<i>[Signature]</i>

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Asstt. Project Manager *Rajesh* *21/12/2016* *P. K. Singh* *Project Manager (Ramp)* *Dy. CHIEF PROJECT MANAGER* *(P.S.U.) Under Min. of Railways* SHOULD NOT BE USED, COPIED OR REPRODUCED WITHOUT THE WRITTEN PERMISSION. *Dedicated Freight Corridor Corporation of India Ltd.* *(A.P.S.U.) Under Min. of Railways* *ALLAHABAD.*

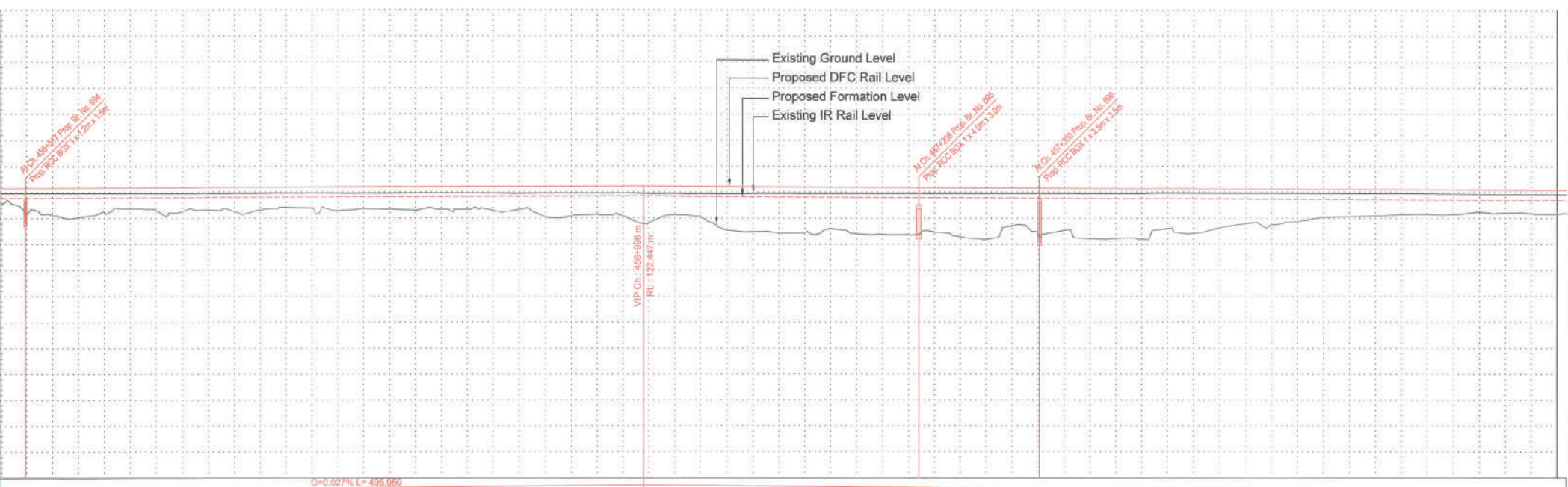


LEGEND :

- EXISTING IR TRACK
- PROPOSED DFCC TRACK
- PROPOSED FORMATION
- DFCC ROW LINE
- EXISTING IR TOE LINE
- 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.
- CHANGING 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.
- OF C 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.
- PROPOSED ROW SHOWN FROM 456+500 TO 457+150 IS AS PER THE DOCUMENT GIVEN BY DFC.



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	

EMPLOYER :

DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT :

EASTERN DEDICATED FREIGHT CORRIDOR (PACKAGE - 202)

TITLE :

ALIGNMENT PLAN AND PROFILE OF SLICE - 202 D FROM CH. 456+500 TO CH. 457+700

DRAWING NO.	REV	SCALE
P 2 AL 0 8 5 0	C	HOR : 1:2000 VER : 1:200

REVIEWS

REV	DATE	REMARKS
B	12.04.2016	Vertical Alignment Changed from 461+150 to Ch. 461+731.784
C	13.04.2016	LETTER NO. PMCS-EDFC2-LTT-2016-00664 DT:- 08/03/2016

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.

OFFICE OF ORIGIN
KOLKATA

DATE	NAME	SIGN.
	A. MITRA	

DRAWN

CHKD. 23.06.16 SP

APPD. 23.06.16 S.K. AICH

SUBMITTED BY : GIL - SIL JV

DATE	NAME	SIGN.
	YAQUB ALI	

CHKD. 27.6.16

APPD. 27.6.16 RAMPAL SAINI

NOC BY : SYSTRA - Mott MacDonald JV

DATE	NAME	SIGN.
	KAMAL SHARMA	

CHKD. 27.6.16

APPD. 27.6.16 P. AMERIKANOS

APPROVAL BY : DFCC

DATE	NAME	SIGN.
	S.K. MAURYA	

CHKD. 05.7.16

APPD. 05.7.16

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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 KM/PH.
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.
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9. DRAINAGE FLOW DIAGRAM SHOWN IN PLAN & PROFILE ARE INDICATIVE, HOWEVER DETAILED DRAINAGE SYSTEM, DRAWINGS WILL BE SUBMITTED SEPARATELY.
10. CABLE FALLING IN PROPOSED DFC ALIGNMENT HAS TO BE SHIFTED SUITABLY.
11. PUBLIC UTILITIES H.P. 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 <1M.
13. TROLLEY REFUGE WILL BE PROVIDED ALONG THE ALIGNMENT AS PER CONTRACT.
14. FOR LEGEND AND ABBREVIATION REFERENCE TO BE MADE TO THE DRAWING.
15. PROPOSED ROW SHOWN FROM 456+500 TO 462+916 IS AS PER THE DOCUMENT GIVEN BY DEPT.

EMPLOYER :  DEDICATED FREIGHT CORRIDOR
CORPORATION OF INDIA LTD.

PROJECT : EASTERN DEDICATED FREIGHT
CORRIDOR (PACKAGE - 202)

TITLE :
ALIGNMENT PLAN AND PROFILE OF SLICE - 202 D
FROM CH. 457+700 TO CH. 458+900

DRAWING NO.						REV	SCALE	
P	2	AL	0	8	5	1	E	HOR : 1:2000 VER : 1:200

REVIEWS		
REV	DATE	REMARKS
B	12.04.2016	Vertical Alignment Changed from 461+ 150 to Ch. 461+731.784
C	13.04.2016	LETTER NO. PMCS-EDFC2-LTT-2016-00684 DT- 08/03/2016
D	22.02.2017	REVISED AS PER SITE REQUIREMENT
E	24.03.2017	REVISED AS PER LETTER NO. PMCS / EDFC2 / LTT / 2017 / 01055

DRAWING STAGE

☒ FOR APPROVAL **APPROVED**

☒	FOR APPROVAL	APPROVED
☐	GOOD FOR CONSTRUCTION	

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
	(The above information is for the purpose of filing the return only and is not to be used for any other purpose.)	

	DATE	NAME	SIGN.
DRAWN	24.03.2017	ANINDYA MITRA	
CHKD.	24.03.2017	SUDDHASIL PURKAIT	
APPD.	24.03.2017	ANIL KUMAR MITTAL	

SUBMITTED BY : GIL - SIL JV

	DATE	NAME	
CHKD.	25.03.17	REEPAK GUPTA	
APPD.	25.03.17	RAMPAL SAINI	

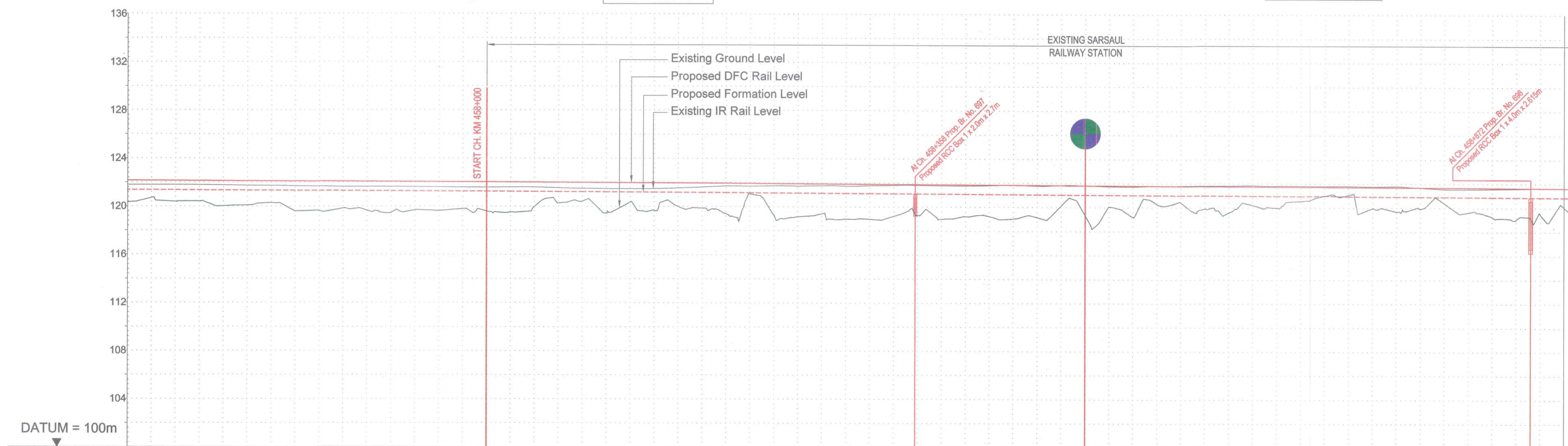
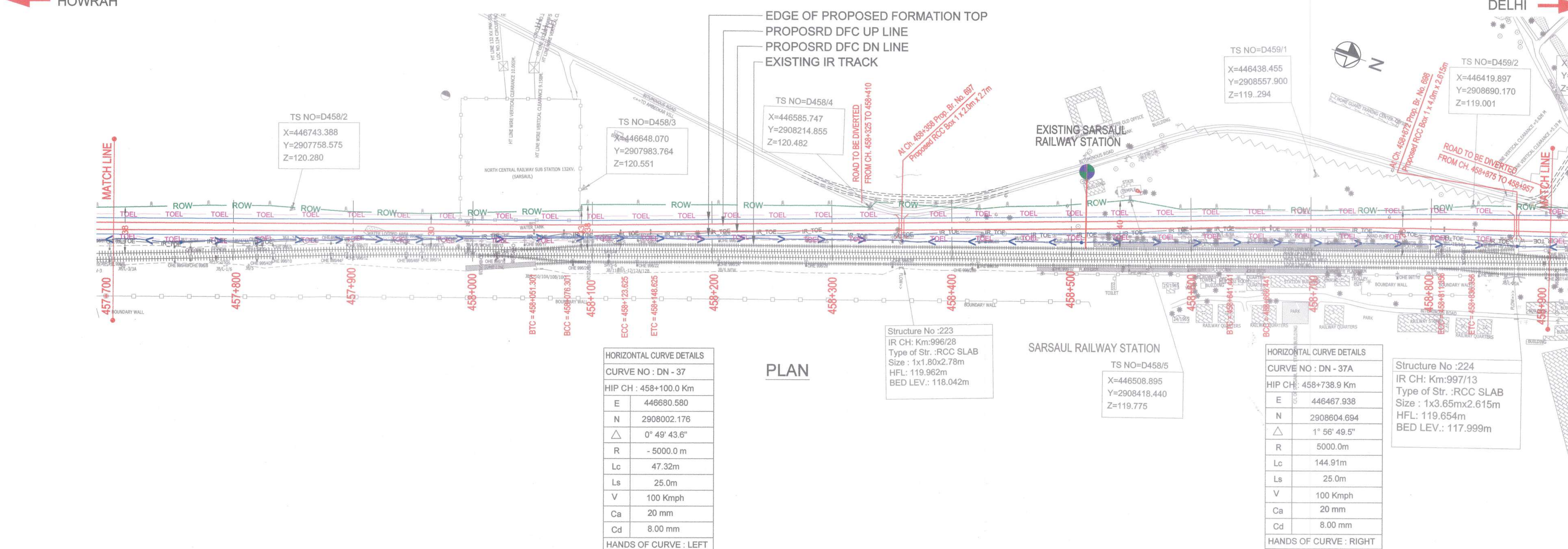
NOC BY : SYSTRA - Mott MacDonald JV

	DATE	NAME	SIGN.
CHKD.	28.03.17	SURESH PETER KAMAL SHARMA	
NOC	28.03.17	P. AMERIKANOS	 

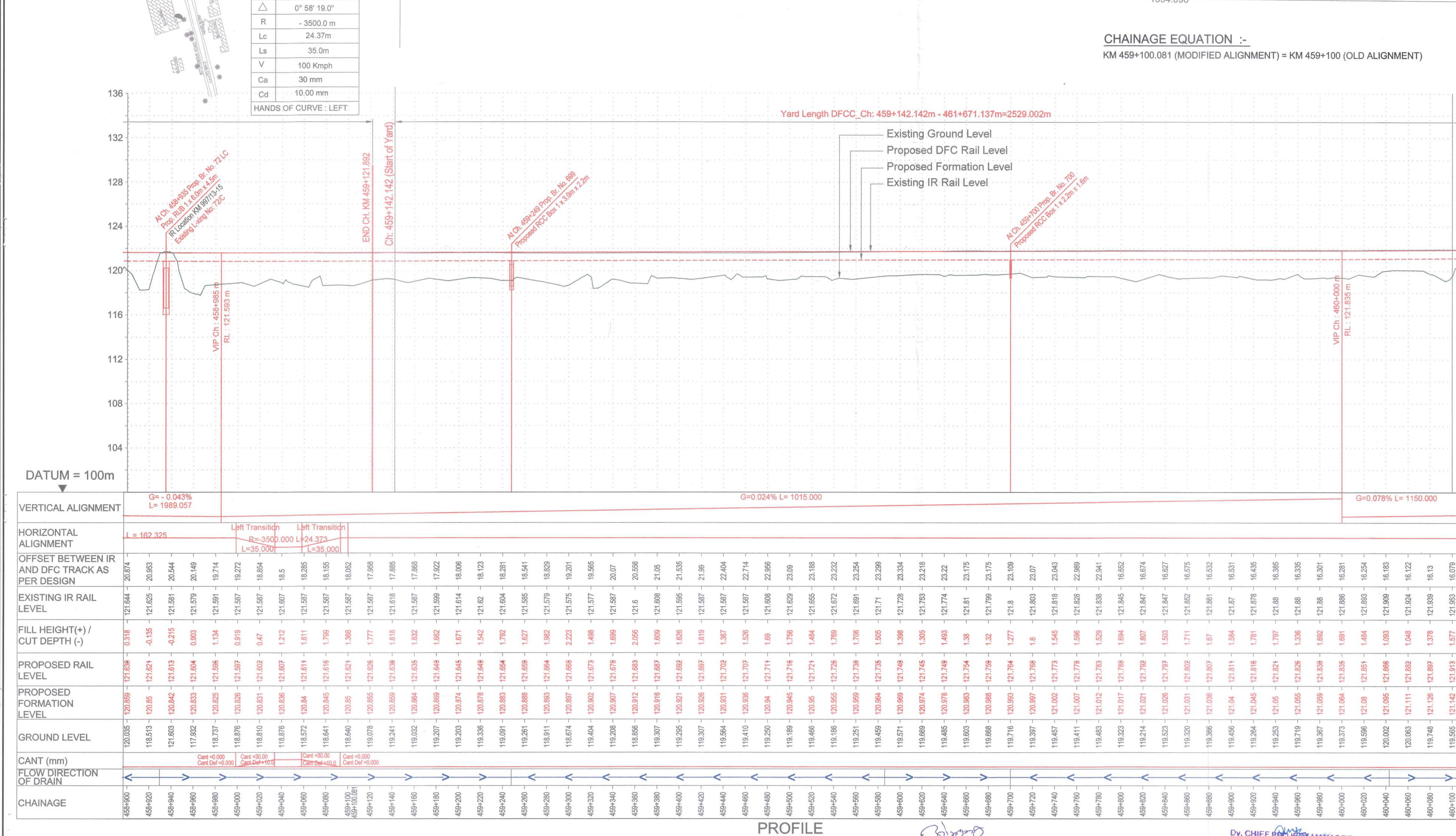
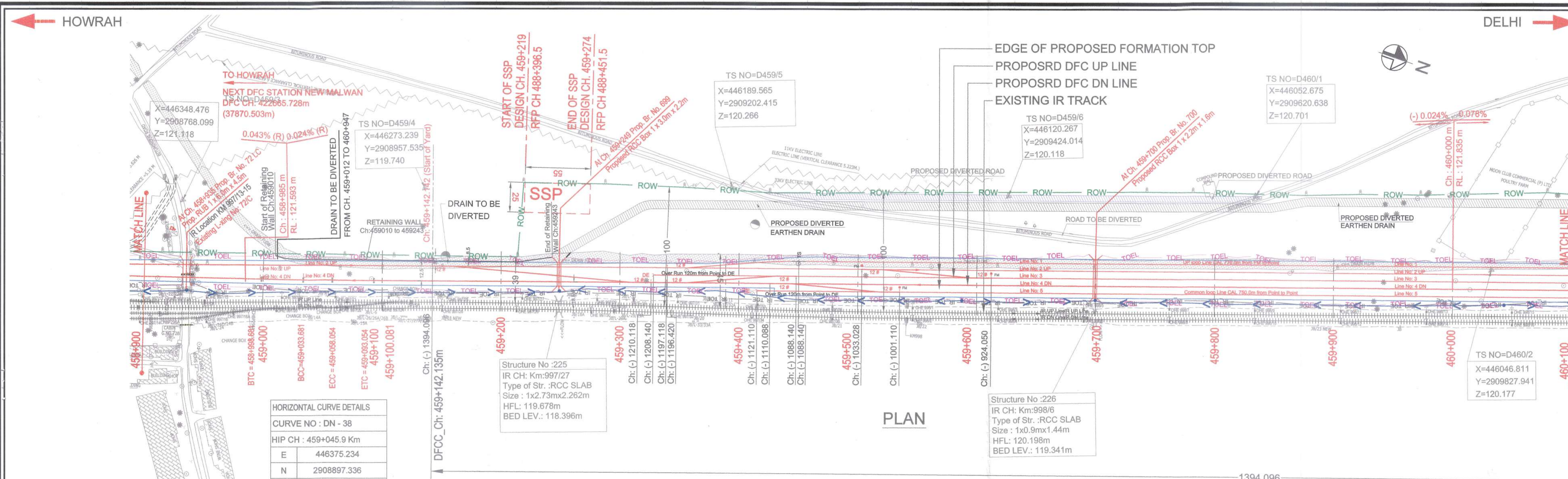
APPROVAL BY : DFCC

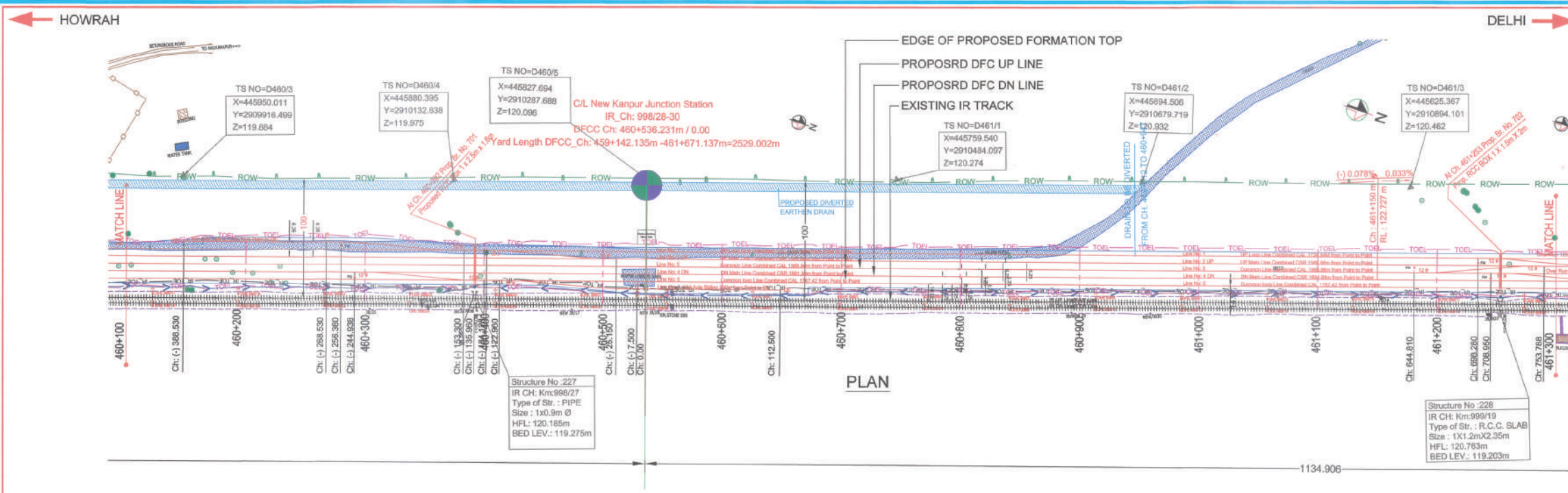
	DATE	NAME	SIGN
CHKD.	17.04.17	S. K. Mawya	
APPD.			CHIEF PROJECT MANAGER

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VERTICAL ALIGNMENT	G = - 0.043% L= 1989.057																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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- 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 KMPH.
 - TRACK CENTER BETWEEN DFC & EXISTING IR TRACK HAS BEEN KEPT AT MIN. 8.0M 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.
 - PROPOSED ROW SHOWN FROM 456+500 TO 462+916 IS AS PER THE DOCUMENT GIVEN BY DFCC.

EMPLOYER :
DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT :
EASTERN DEDICATED FREIGHT CORRIDOR (PACKAGE - 202)

TITLE :
ALIGNMENT PLAN AND PROFILE OF SLICE - 202 D FROM CH. 460+100 TO CH. 461+300

DRAWING NO.	REV	SCALE
P 2 AL 0853	C	HOR : 1:2000 VER : 1:200

REV	DATE	REMARKS
B	12.04.2016	Vertical Alignment Changed from 461+150 to Ch. 461+731.784
C	13.04.2016	LETTER NO. PMCS-EDFC2-LTT-2016-00664 DT:- 08/03/2016
D	20.06.2016	PMCS-EDFC2-LTT-2016-1932 DATED:- 17/06/2016

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, MARINA POINT, MUMBAI 400 021.
 OFFICE OF ORIGIN: KOLKATA

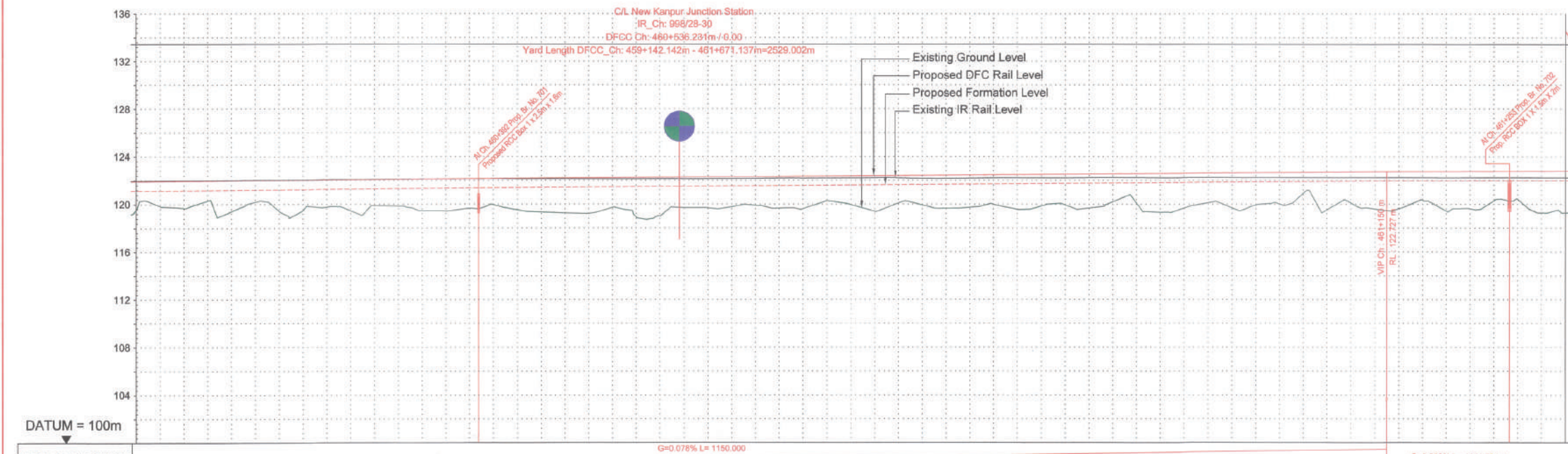
DATE	NAME	SIGN.
DRAWN	A. MITRA	
CHKD.	SP	
APPD.	S.K. AICH	

DATE	NAME	SIGN.
SUBMITTED BY :	GIL - SIL JV	
CHKD.	Yaqub Ali	
APPD.	RAMPAL SAINI	

DATE	NAME	SIGN.
NOC BY :	SYSTRA - Mott MacDonald JV	
CHKD.	KAMAL SHARMA	
NOC	P. AMERIKANOS	

DATE	NAME	SIGN.
APPROVAL BY :	DFCC	
CHKD.	S.K. MAURYA	

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VERTICAL ALIGNMENT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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PROFILE