

BENNIGANAHALLI

YESHWANTPUR

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- NOTES-
1. ALL DIMENSIONS ARE IN METER UNLESS OTHERWISE STATED.
  2. DRAIN / RETAINING WALL DETAILS SHALL BE SUBMITTED SEPARATELY.
  3. SCHEDULE OF DIMENSIONS FOLLOWED AS PER BSRP.
  4. P-WAY DESIGN DETAILS ARE NOT PART OF THIS PACKAGE SCOPE.
  5. THE RUB/ROB/BRIDGES/STRUCTURE SHOWN IN THE DRAWING SHALL BE REFERRED TO RESPECTIVE GAD'S FOR DETAILS.
  6. DESIGN SLOPES SHALL BE AS PER THE APPROVED DESIGN REPORT.
  7. IR DOUBLING SHOWN IN PLAN IS AS PER CLIENTS TENDER STATGE DRAWING AND NOT FINAL.

LEGEND FOR PLAN:

PROPOSED BSRP TRACK	CR-2/CR-4
FUTURE BSRP WORK	
EXISTING IR TRACK	
FUTURE IR WORK	
EXISTING IR ROW	
PROPOSED BSRP ROW (LAQ)	


LEGEND FOR PROFILE:

PROPOSED BSRP FORMATION LEVEL	
PROPOSED BSRP RAIL LEVEL	
EXISTING IR RAIL LEVEL	
GROUND LEVEL	

ALIGNMENT NOTATIONS:



R = RADIUS	G = GRADIENT
CCL = CIRCULAR CURVE LENGTH	L = GRADIENT LENGTH
TTL = TANGENT LENGTH	TTC1 = SPIRAL TO CURVE
Cd = ACTUAL CANT	TTC2 = CURVE TO SPIRAL
Cg = CANT DEFICIENT	TTC2 = SPIRAL TO TANGENT


PROJECT :  
BENGALURU SUBURBAN RAILWAY PROJECT (BSRP) - CORRIDOR - 2

EMPLOYER :  
 RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED

GENERAL CONSULTANTS :  
 EGIS-AECOM-WSP

CONTRACTOR :  
 LARSEN & TOUBRO LTD.  
L&T CONSTRUCTION  
TRANSPORTATION INFRASTRUCTURE IC

DETAILED DESIGN CONSULTANT (DDC) :  
 STUP CONSULTANTS PRIVATE LIMITED  
- & -  
 L&T EDRC - TRANSPORTATION INFRASTRUCTURE IC

PROOF CONSULTANT (PC) :  
 CHETAN INFRATECH CONSULTANTS PRIVATE LIMITED

TITLE :  
ALIGNMENT PLAN & PROFILE  
FROM CH: -1413 TO CH: 0+000

PREPARED BY :  
CHECKED BY :  
APPROVED BY :

SIGNATURE :  
NAME : AMIT DUBEY  
DESIGNATION : ASST. MANAGER  
DATE :  
NAME : PALLAB GHOSH  
DESIGNATION : MANAGER  
DATE :  
NAME : SUBRAMANIAN R.  
DESIGNATION : DGM  
DATE :

PROJECT MANAGER (L&T) :  
DETAILED DESIGN CONSULTANT :  
PROOF CONSULTANT :

SIGN :  
NAME : K.V. MAHADEV  
DATE :  
SIGN :  
NAME : SHASHIDHAR D. CHIKOLDI  
DATE :  
SIGN :  
NAME : NAMEARAVIND SALECHA  
DATE :

GENERAL CONSULTANTS :  
NAME :  
DESIGNATION :  
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SIGN :  
PROJECT DIRECTOR :

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PROJECT DIRECTOR :

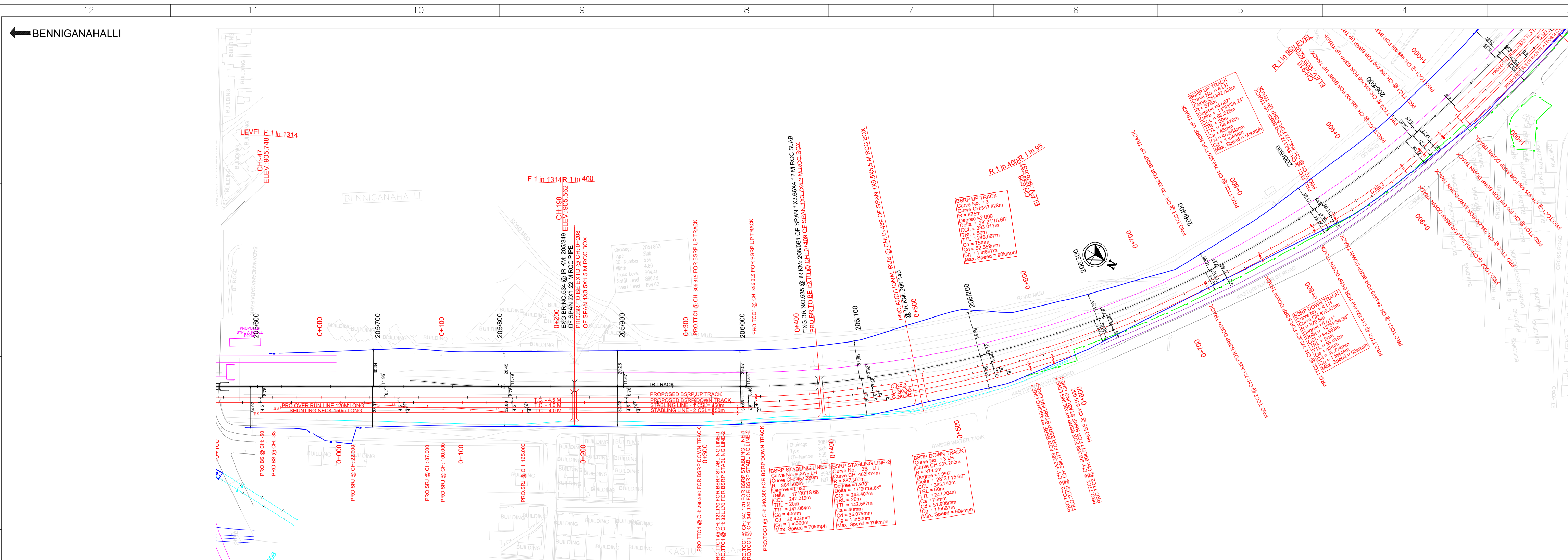
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SIGN :  
PROJECT DIRECTOR :





NAME :  
DESIGNATION :  
DATE :  
SIGN :  
PROJECT DIRECTOR :





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| NOTES- |  |
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| 3.     | SCHEDULE OF DIMENSIONS FOLLOWED AS PER BSRP.   |
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| 7.     | IR DOUBLING SHOWN IN PLAN IS AS PER CLIENT'S TENDER STATE/ DRAWING AND NOT FINAL.                    |

LEGEND FOR PLAN:	
PROPOSED BSRP TRACK	
FUTURE BSRP WORK	
EXISTING IR TRACK	
FUTURE IR WORK	
EXISTING IR ROW	
PROPOSED BSRP ROW (LAQ)	


LEGEND FOR PROFILE:	
PROPOSED BSRP FORMATION LEVEL	
PROPOSED BSRP RAIL LEVEL	
EXISTING IR RAIL LEVEL	
GROUND LEVEL	

ALIGNMENT NOTATIONS:	
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Cd = CANT DEFICIENT	TTC2 = SPIRAL TO TANGENT
Cg = CANT GRADIENT	


PROJECT :  
BENGALURU SUBURBAN RAILWAY PROJECT  
(BSRP) - CORRIDOR - 2

EMPLOYER :  RAIL INFRASTRUCTURE  
DEVELOPMENT COMPANY  
(KARNATAKA) LIMITED

GENERAL CONSULTANTS :  **AECOM**   
EGIS-AECOM-WSP

CONTRACTOR :  LARSEN & TOUBRO LTD.  
L&T CONSTRUCTION  
TRANSPORTATION INFRASTRUCTURE CO.


DETAILED DESIGN CONSULTANT (DDC) :

 STUP CONSULTANTS PRIVATE LIMITED

- & -



PROOF CONSULTANT (PC) :

 CHETAN INFRATECH CONSULTANTS  
PRIVATE LIMITED

TITLE:	ALIGNMENT PLAN & PROFILE FROM CH: 0+000 TO CH: 1+000
--------	---

	PREPARED BY	CHECKED BY	APPROVED BY
SIGNATURE			

SIGNATURE			
NAME	AMIT DUBEY	PALLAB GHOSH	SUBRAMANIAN R.
DESIGNATION	ASST. MANAGER	MANAGER	DGM

DATE			
PROJECT MANAGER (L&T)	DETAILED DESIGN CONSULTANT	PROOF CONSULTANT	

SIGN		SIGN		SIGN	
NAME	K.V.MAHADEV	NAME	SHASHIDHAR D CHIKODI	NAME	ARAVIND SALECH
DATE		DATE		DATE	

GENERAL CONSULTANTS					
NAME	DESIGNATION	DATE	SIGN	PROJECT DIRECTOR	
				SIGN	

				NAME	
				DATE	
EMPLOYER					

SIGNATURE			
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NAME			

DESIGNATION			
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DATE			
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REVISIONS		


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0	14.10.2024	GEC SUBMISSION FOR APPROVAL
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REV	DATE	DESCRIPTION
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[illegible]

REVISION	0	PROJECTION	RELEASED FOR
DWG STATUS	G		<input type="checkbox"/> PRELIMINARY


DATE	14.10.2024		<input type="checkbox"/> DEFINITIVE <input checked="" type="checkbox"/> GOOD FOR
SCALE	H-1:2000, V-1:200		

SIZE	A1	FIRST ANGLE	<input checked="" type="checkbox"/> CONSTRUCTION
SHEET	02 OF 27		<input type="checkbox"/> AS BUILT

DRG. No:	0	2	2	0	7	7	-	C	-	R	L	-	T	R	-	P	P	-	0	0	0	2
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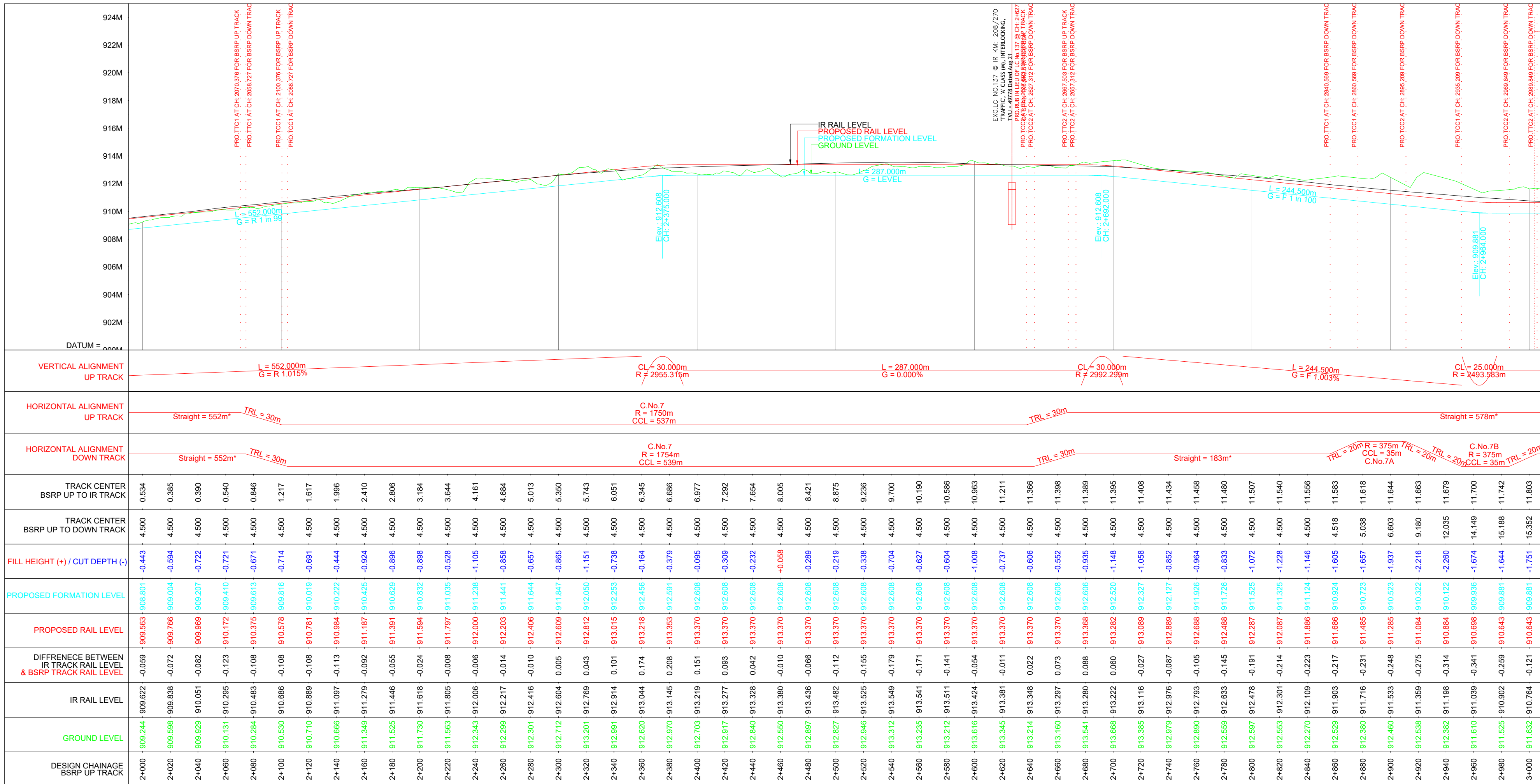
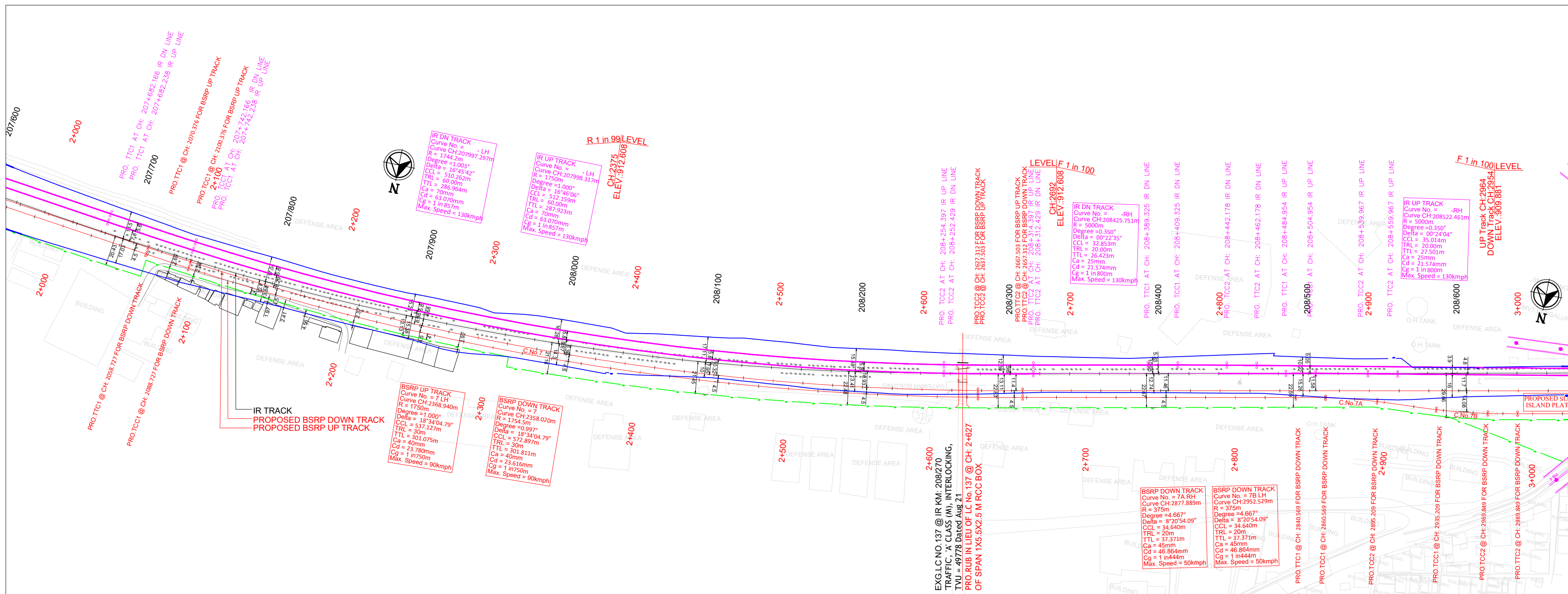
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REVISION	0	 <p>PROJECTION</p> <p>FIRST ANGLE</p>	RELEASED FOR	
DWG STATUS	G		<input type="checkbox"/>	PRELIMINARY
DATE	14.10.2024		<input type="checkbox"/>	DEFINITIVE
SCALE	H-1:2000, V-1:200		<input checked="" type="checkbox"/>	GOOD FOR
SIZE	A1		<input type="checkbox"/>	CONSTRUCTION
SHEET	02 OF 27		<input type="checkbox"/>	AS BUILT
DRG. NO: 0 2 2 0 0 7 7 - C - R L - T R - P - P - 0 0 0 2				



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LEGEND FOR PLAN:

PROPOSED BSRP TRACK	
FUTURE BSRP WORK	
EXISTING IR TRACK	
FUTURE IR WORK	
EXISTING IR ROW	
PROPOSED BSRP ROW (LAQ)	

LEGEND FOR PROFILE:

PROPOSED BSRP FORMATION LEVEL	
PROPOSED BSRP RAIL LEVEL	
EXISTING IR RAIL LEVEL	
GROUND LEVEL	

ALIGNMENT NOTATIONS:

R = RADIUS  
CCL = CIRCULAR CURVE LENGTH  
TRL = TRANSITION LENGTH  
TTL = TANGENT LENGTH  
TOC2 = CURVE TO SPIRAL  
Cd = CANT DEFICIENT  
Cg = CANT GRADIENT

G = GRADIENT  
L = GRADIENT LENGTH  
TTC1 = TANGENT TO SPIRAL  
TTC2 = SPIRAL TO TANGENT

PROJECT :  
BENGALURU SUBURBAN RAILWAY PROJECT (BSRP) - CORRIDOR - 2

EMPLOYER :  
RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED

GENERAL CONSULTANTS :  
EGIS-AECOM-WSP

CONTRACTOR :  
LARSEN & TOUBRO LTD.  
L&T CONSTRUCTION  
TRANSPORTATION INFRASTRUCTURE IC

DETAILED DESIGN CONSULTANT (DDC) :  
STUP CONSULTANTS PRIVATE LIMITED  
- & -  
L&T EDRC - TRANSPORTATION INFRASTRUCTURE IC

PROOF CONSULTANT (PC) :  
CHETAN INFRASTRUCTURE CONSULTANTS PRIVATE LIMITED

TITLE :  
ALIGNMENT PLAN & PROFILE  
FROM CH: 2+000 TO CH: 3+000

PREPARED BY :  
CHECKED BY :  
APPROVED BY :

SIGNATURE :  
NAME : AMIT DUBEY  
DESIGNATION : ASST. MANAGER  
DATE :  
PROJECT MANAGER (L&T) :  
DETAILED DESIGN CONSULTANT :  
PROOF CONSULTANT :

SIGN :  
NAME : K.V. MAHADEV  
DATE :  
GENERAL CONSULTANTS :  
NAME : SHASHIDHAR D. CHIKODI  
DATE :  
PROJECT DIRECTOR :  
NAME :  
DATE :

SIGNATURE :  
NAME :  
DESIGNATION :  
DATE :

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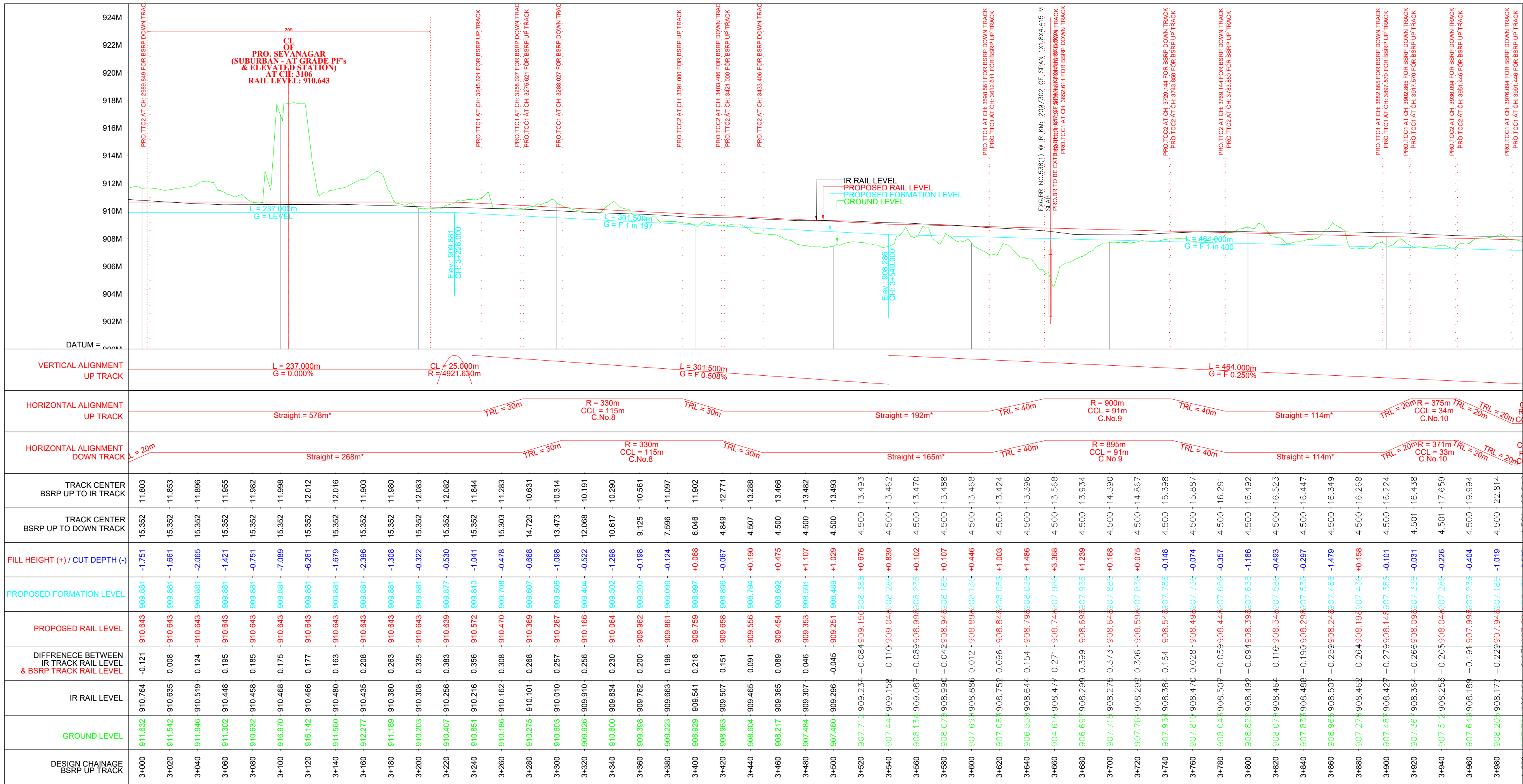
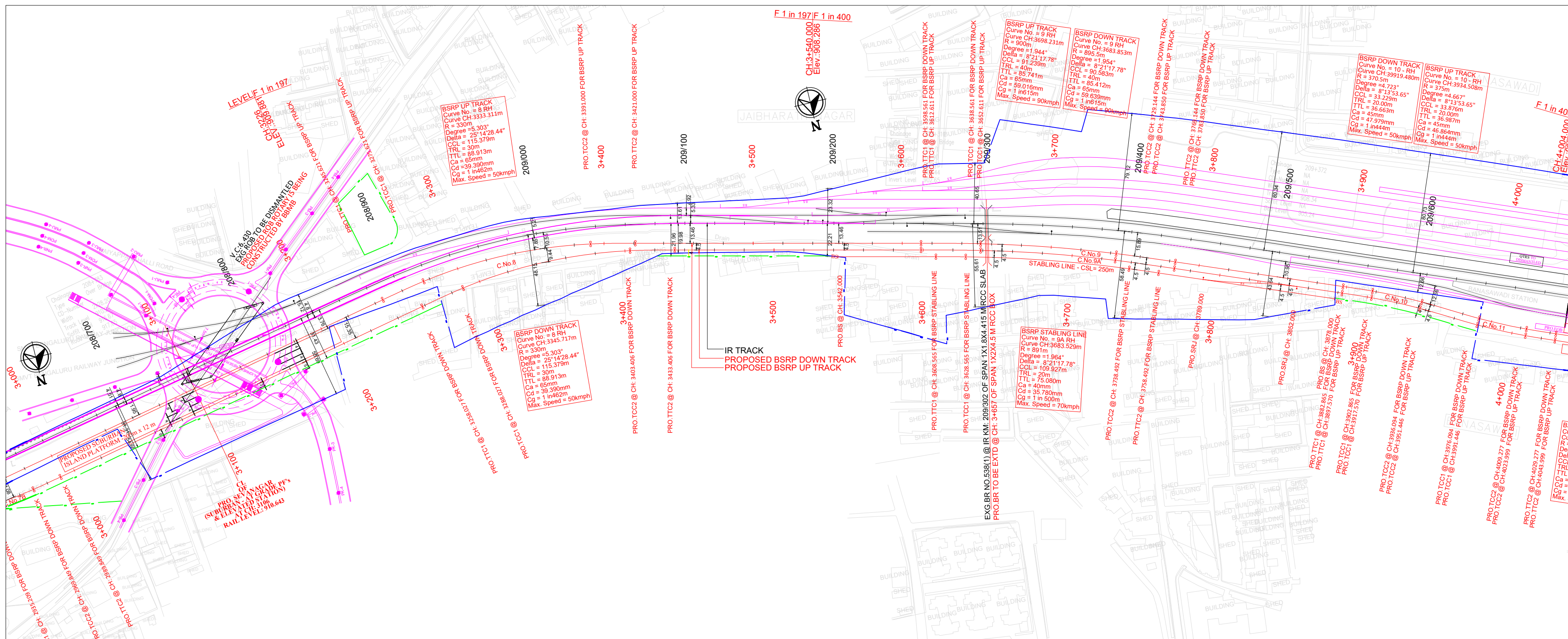
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LEGEND FOR PLAN:

PROPOSED BSRP TRACK	
FUTURE BSRP WORK	
EXISTING IR TRACK	
FUTURE IR WORK	
EXISTING IR ROW	
PROPOSED BSRP ROW (LAQ)	

LEGEND FOR PROFILE:

PROPOSED BSRP FORMATION LEVEL	
PROPOSED BSRP RAIL LEVEL	
EXISTING IR RAIL LEVEL	
GROUND LEVEL	

ALIGNMENT NOTATIONS:

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Ca = ACTUAL CANT	TC22 = CURVE TO SPIRAL
Cd = CANT DEFICIENT	TC22 = SPIRAL TO TANGENT
Cg = CANT GRADIENT	

PROJECT :  
BENGALURU SUBURBAN RAILWAY PROJECT (BSRP) - CORRIDOR - 2

EMPLOYER :  
 RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED

GENERAL CONSULTANTS :  
 EGIS-AECOM-WSP

CONTRACTOR :  
 LARSEN & TOUBRO LTD.  
L&T CONSTRUCTION  
TRANSPORTATION INFRASTRUCTURE IC

DETAILED DESIGN CONSULTANT (DDC) :  
 STUP CONSULTANTS PRIVATE LIMITED  
- & -  
 L&T EDRC - TRANSPORTATION INFRASTRUCTURE IC

PROOF CONSULTANT (PC) :  
 CHETAN INFRATECH CONSULTANTS PRIVATE LIMITED

TITLE :  
ALIGNMENT PLAN & PROFILE  
FROM CH: 3+000 TO CH: 4+000

PREPARED BY :  
CHECKED BY :  
APPROVED BY :

SIGNATURE :  
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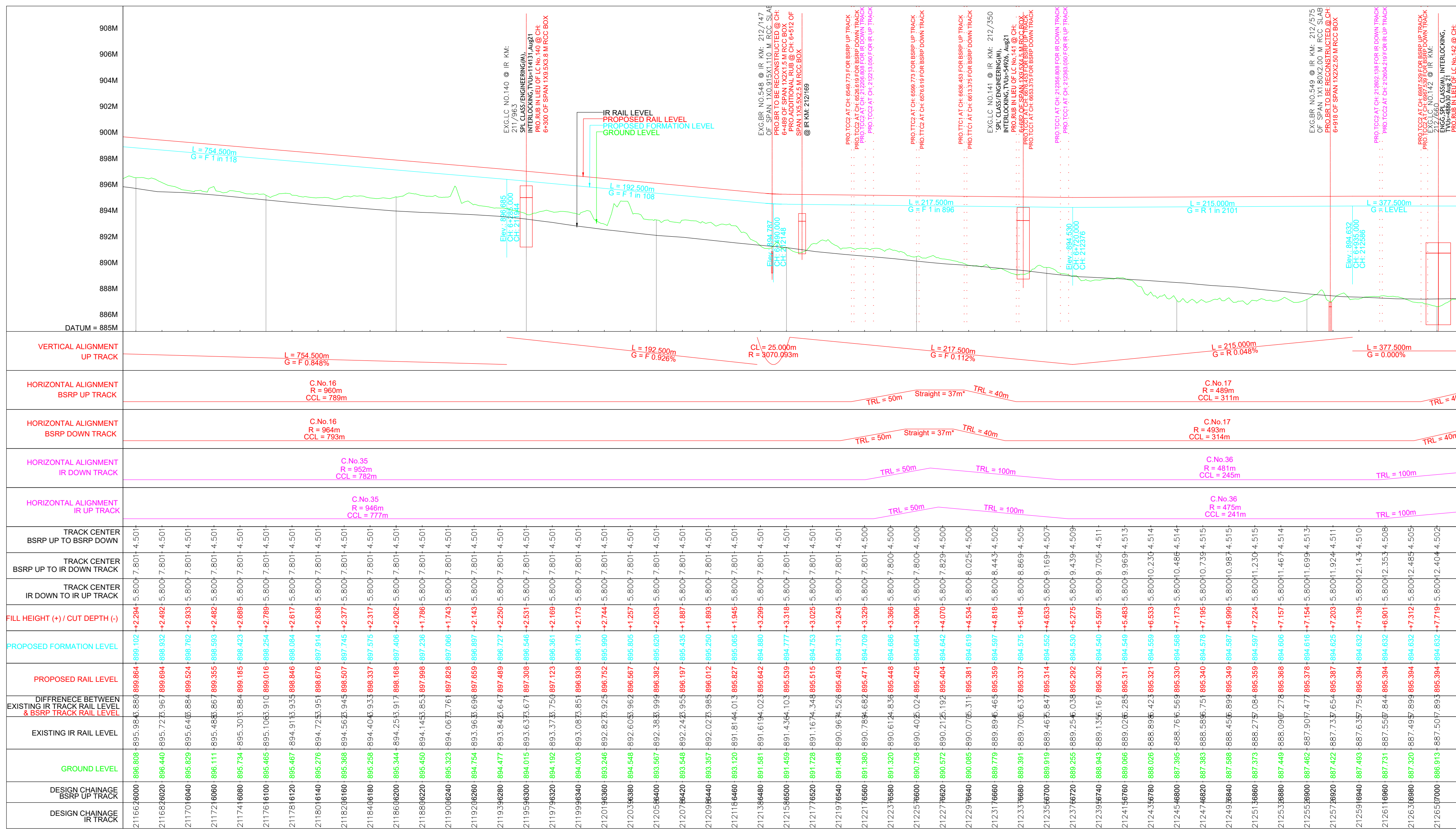










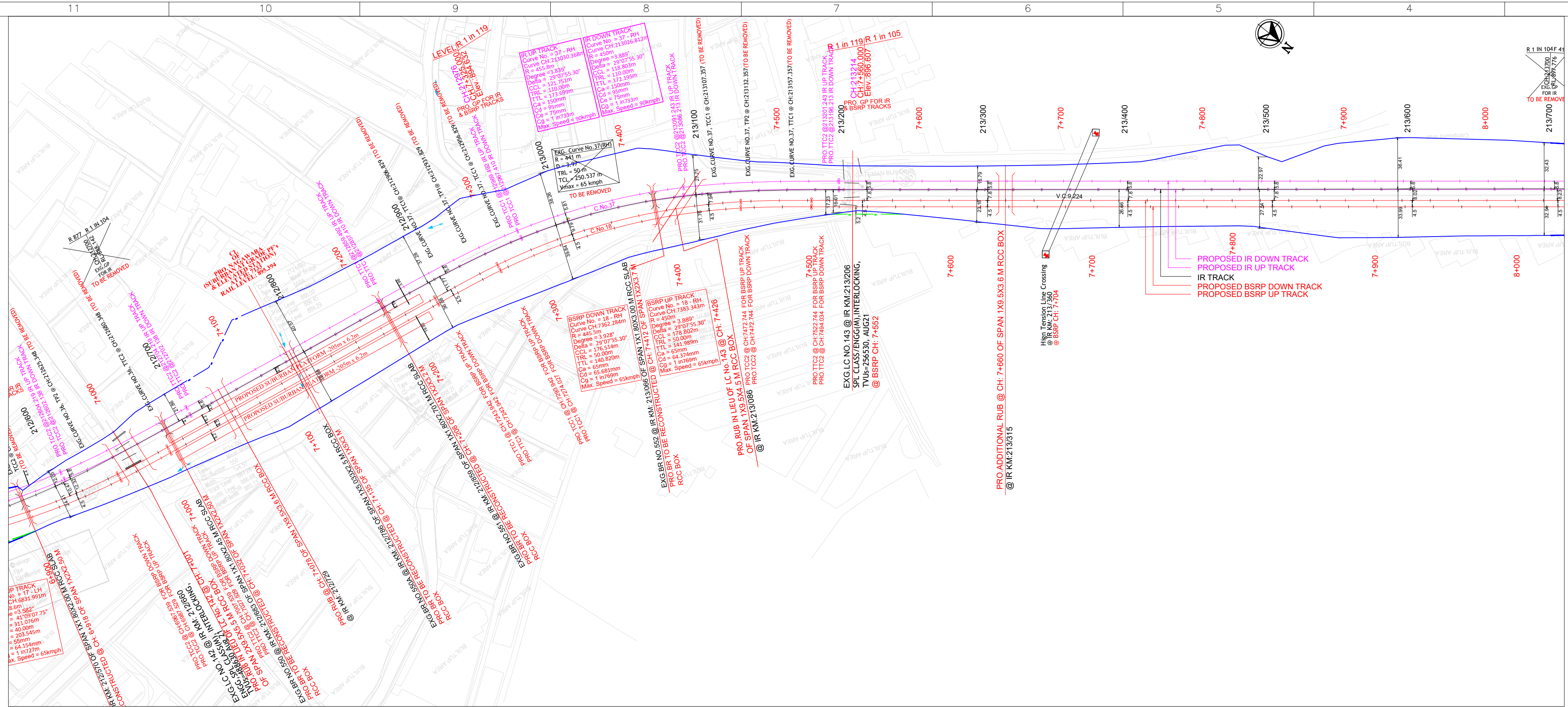


SHEET		08 OF 27		FIRST ANGLE		<input type="checkbox"/> AS BUILT	
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LEGEND FOR PLAN:	
PROPOSED BSRP TRACK	
FUTURE BSRP WORK	
EXISTING IR TRACK	
PROPOSED IR TRACK	
EXISTING IR ROW	
PROPOSED BSRP ROW (LAQ)	

LEGEND FOR PROFILE:	
PROPOSED BSRP FORMATION LEVEL	
PROPOSED BSRP RAIL LEVEL	
EXISTING IR RAIL LEVEL	
GROUND LEVEL	

ALIGNMENT NOTATIONS:

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Ch = ACTUAL CANT	
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PROJECT :  
BENGALURU SUBURBAN RAILWAY PROJECT (BSRP) - CORRIDOR - 2

EMPLOYER :  
 RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED

GENERAL CONSULTANTS :  
 **AECOM** WSP  
EGIS-AECOM-WSP

CONTRACTOR :  
 **LARSEN & TOUBRO LTD.**  
L&T CONSTRUCTION  
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DETAILED DESIGN CONSULTANT (DDC) :  
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 **L&T EDRC - TRANSPORTATION INFRASTRUCTURE IC**

PROOF CONSULTANT (PC) :  
 **CHETAN INFRATECH CONSULTANTS PRIVATE LIMITED**

TITLE :  
**ALIGNMENT PLAN & PROFILE FROM CH: 7+000 TO CH: 8+000**

PREPARED BY	CHECKED BY	APPROVED BY
SIGNATURE		

NAME	AMIT DUBEY	PALLAB GHOSH	SUBRAMANIAN R.
DESIGNATION	ASST. MANAGER	MANAGER	DGM
DATE			

PROJECT MANAGER (L&T)	DETAILED DESIGN CONSULTANT	PROOF CONSULTANT
SIGN	SIGN	SIGN

NAME	K.V. MAHADEV	NAME	SHASHIDHAR D. CHIKODI	NAME	AREAVIND SALECHA
DATE		DATE		DATE	

NAME	DESIGNATION	DATE	SIGN	PROJECT DIRECTOR

NAME	DESIGNATION	DATE	SIGN	PROJECT DIRECTOR

NAME	DESIGNATION	DATE	SIGN	PROJECT DIRECTOR

NAME	DESIGNATION	DATE	SIGN	PROJECT DIRECTOR

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PROPOSED BSRP TRACK	
FUTURE BSRP WORK	
EXISTING IR TRACK	
PROPOSED IR TRACK	
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PROPOSED BSRP ROW (LAQ)	


LEGEND FOR PROFILE:

PROPOSED BSRP FORMATION LEVEL	
PROPOSED BSRP RAIL LEVEL	
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GENERAL CONSULTANTS :  
 **AECOM** WSP

CONTRACTOR :  
 LARSEN & TOUBRO LTD. L&T CONSTRUCTION TRANSPORTATION INFRASTRUCTURE IC

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 STUP CONSULTANTS PRIVATE LIMITED - & -  
 L&T EDCR - TRANSPORTATION INFRASTRUCTURE IC

PROOF CONSULTANT (PC) :  
 CHETAN INFRATECH CONSULTANTS PRIVATE LIMITED

TITLE :  
ALIGNMENT PLAN & PROFILE FROM CH: 8+000 TO CH: 9+000

PREPARED BY	CHECKED BY	APPROVED BY
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SIGNATURE  
NAME AMIT DUBEY PALLAB GHOSH SUBRAMANIAN R.  
DESIGNATION ASST. MANAGER MANAGER DGM

PROJECT MANAGER (L&T)	DETAILED DESIGN CONSULTANT	PROOF CONSULTANT
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SIGN  
NAME K.V. MAHADEV SHASHIDHAR D. CHIKODI NAME ARAVIND SALECHA  
DATE DATE DATE

GENERAL CONSULTANTS  
NAME DESIGNATION DATE SIGN PROJECT DIRECTOR

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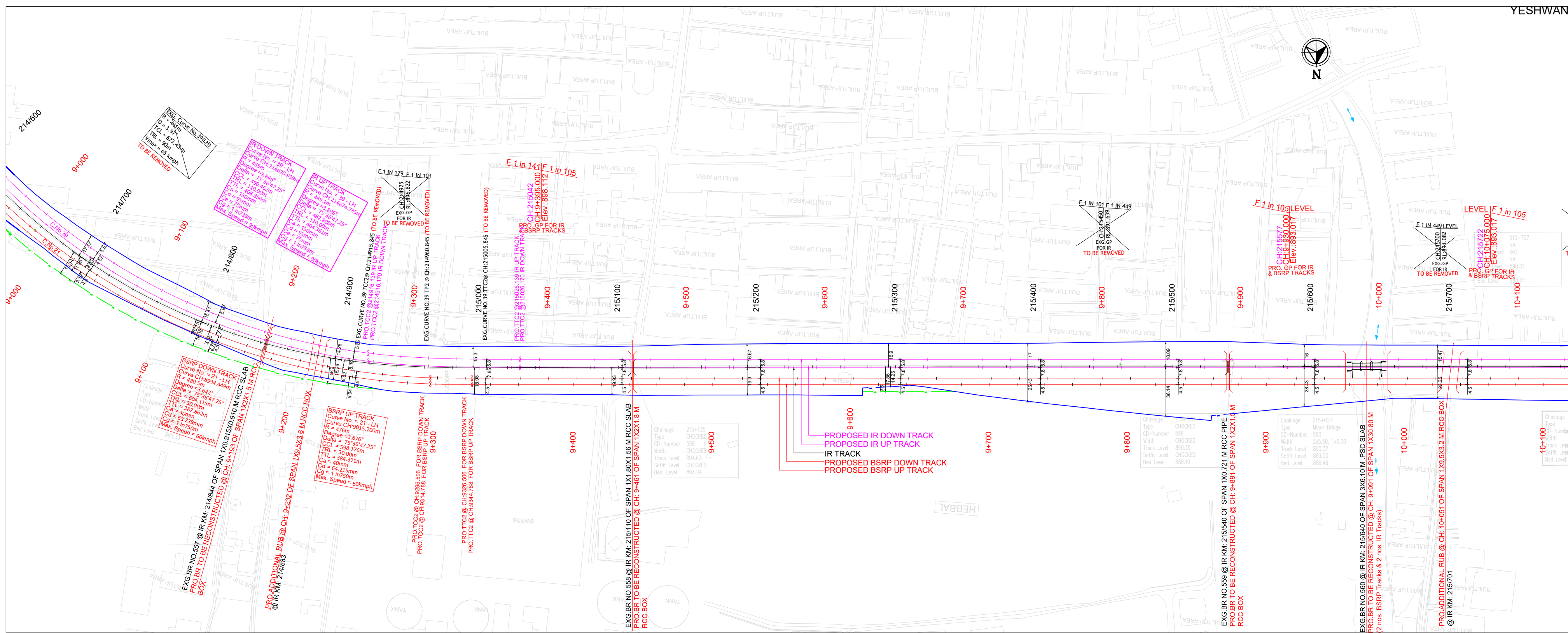
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← BENNIGANAHALLI

→ YESHWANTPUR



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- NOTES-
1. ALL DIMENSIONS ARE IN METER UNLESS OTHERWISE STATED.
  2. DRAIN / RETAINING WALL DETAILS SHALL BE SUBMITTED SEPARATELY.
  3. SCHEDULE OF DIMENSIONS FOLLOWED AS PER BSRP.
  4. P-WAY DESIGN DETAILS ARE NOT PART OF THIS PACKAGE SCOPE.
  5. THE RUB/ROB/BRIDGES/STRUCTURE SHOWN IN THE DRAWING SHALL BE REFERRED TO RESPECTIVE GAD'S FOR DETAILS.
  6. DESIGN SLOPES SHALL BE AS PER THE APPROVED DESIGN REPORT.

LEGEND FOR PLAN:

PROPOSED BSRP TRACK	
FUTURE BSRP WORK	
EXISTING IR TRACK	
PROPOSED IR TRACK	
EXISTING IR ROW	
PROPOSED BSRP ROW (LAQ)	

LEGEND FOR PROFILE:

PROPOSED BSRP FORMATION LEVEL	
PROPOSED BSRP RAIL LEVEL	
EXISTING IR RAIL LEVEL	
GROUND LEVEL	

ALIGNMENT NOTATIONS:

R = RADIUS  
CCL = CIRCULAR CURVE LENGTH  
TRL = TRANSITION LENGTH  
TTL = TANGENT LENGTH  
Ca = ACTUAL CANT  
Cd = CANT DEFICIENT  
Cg = CANT GRADIENT

G = GRADIENT  
L = GRADIENT LENGTH  
TTC1 = SPIRAL TO CURVE  
TTC2 = CURVE TO SPIRAL  
TTC2 = SPIRAL TO TANGENT

PROJECT :  
BENGALURU SUBURBAN RAILWAY PROJECT (BSRP) - CORRIDOR - 2

EMPLOYER :  
RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED

GENERAL CONSULTANTS :  
EGIS-AECOM-WSP

CONTRACTOR :  
LARSEN & TOUBRO LTD. L&T CONSTRUCTION TRANSPORTATION INFRASTRUCTURE IC

DETAILED DESIGN CONSULTANT (DDC) :  
STUP CONSULTANTS PRIVATE LIMITED - & - L&T EDRC - TRANSPORTATION INFRASTRUCTURE IC

PROOF CONSULTANT (PC) :  
CHETAN INFRATECH CONSULTANTS PRIVATE LIMITED

TITLE :  
ALIGNMENT PLAN & PROFILE FROM CH: 9+000 TO CH: 10+100

PREPARED BY :  
CHECKED BY :  
APPROVED BY :

SIGNATURE :  
NAME : AMIT DUBEY  
DESIGNATION : ASST. MANAGER  
DATE :  
PROJECT MANAGER (L&T) :  
DETAILED DESIGN CONSULTANT :  
PROOF CONSULTANT :

SIGN :  
NAME : K.V. MAHADEV  
DATE :  
SIGN :  
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DATE :  
SIGN :  
NAME : NAMEARAVIND SALECHA  
DATE :

GENERAL CONSULTANTS :  
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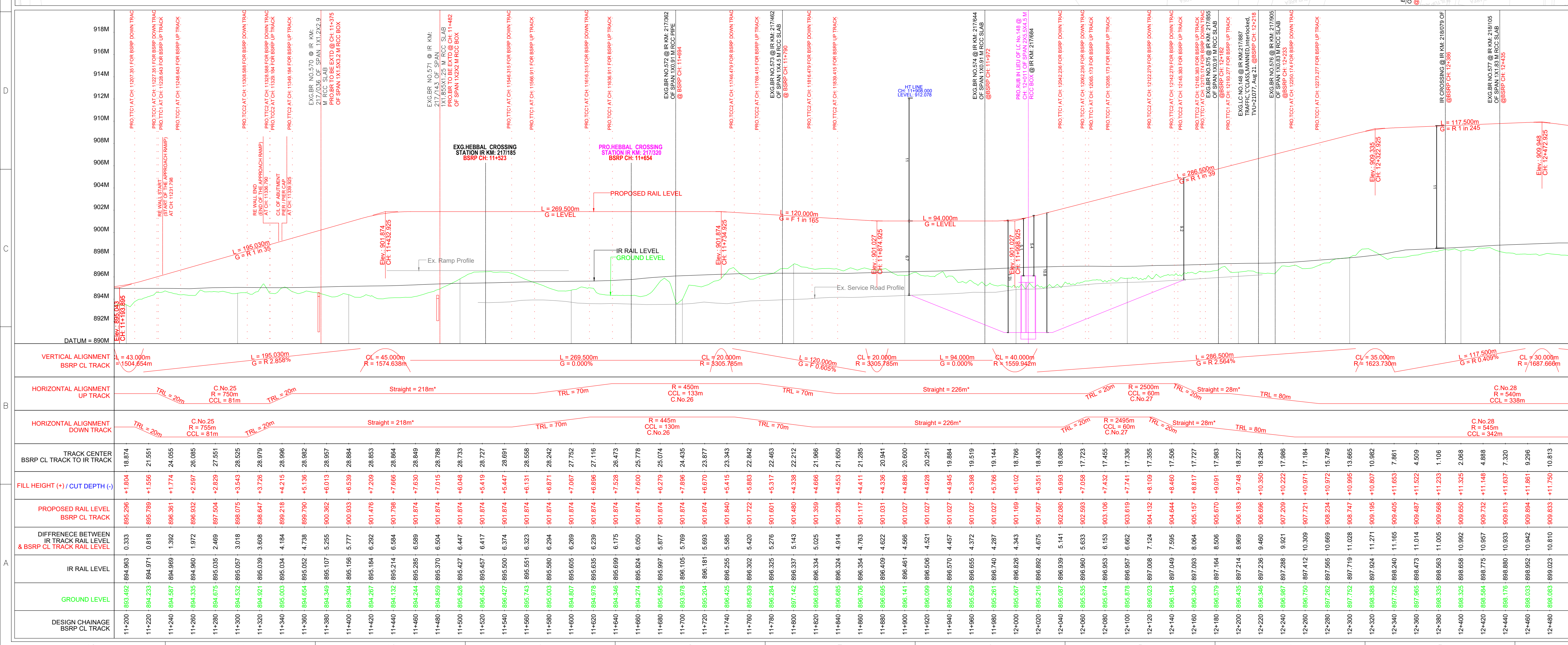
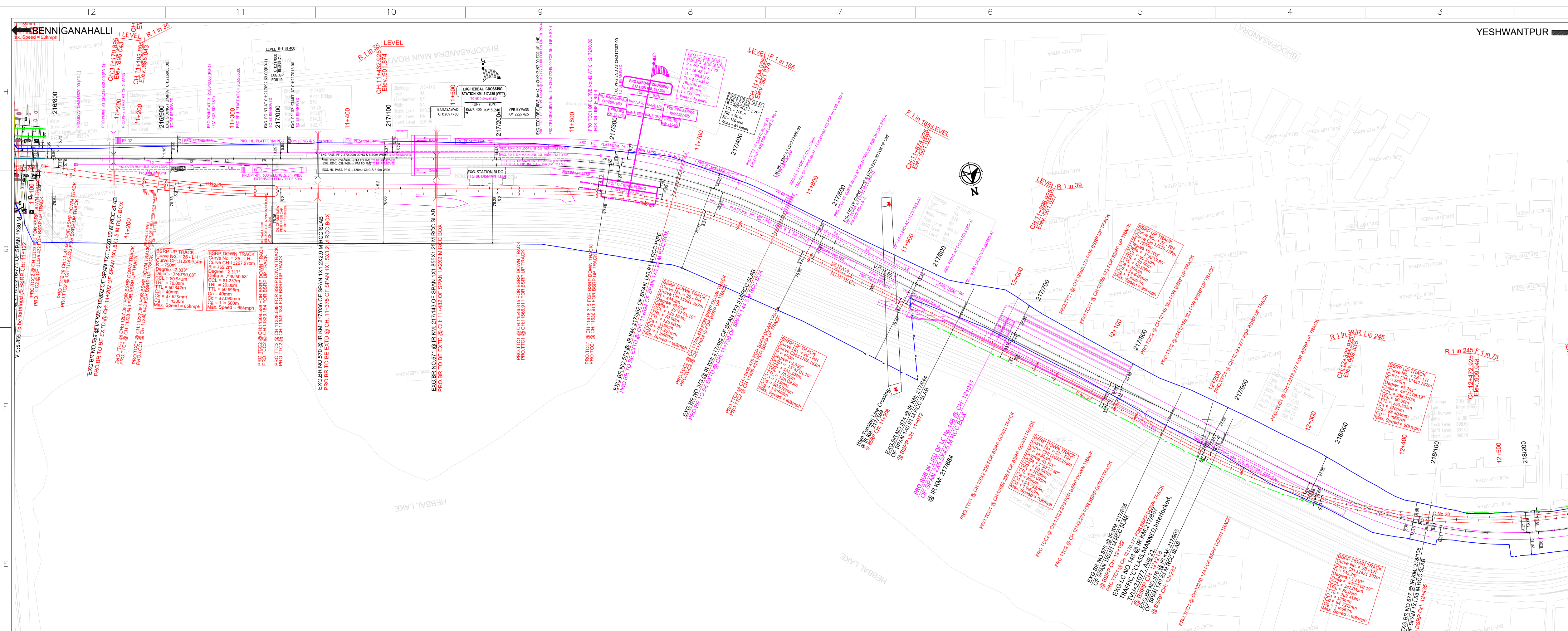
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- DESIGN SLOPES SHALL BE AS PER THE APPROVED DESIGN REPORT.
- IR DOUBLING SHOWN IN PLAN IS AS PER CLIENTS TENDER STAGE DRAWING AND NOT FINAL.

**LEGEND FOR PLAN:**

PROPOSED BSRP TRACK	---
FUTURE BSRP WORK	---
EXISTING IR TRACK	---
FUTURE IR WORK	---
EXISTING IR ROW	---
PROPOSED BSRP ROW (LAQ)	---

**LEGEND FOR PROFILE:**

PROPOSED BSRP FORMATION LEVEL	---
PROPOSED BSRP RAIL LEVEL	---
EXISTING IR RAIL LEVEL	---
GROUND LEVEL	---

**ALIGNMENT NOTATIONS:**

R = RADIUS	G = GRADIENT
CCL = CIRCULAR CURVE LENGTH	L = GRADIENT LENGTH
TCL = TANGENT LENGTH	TTC1 = TANGENT TO SPIRAL
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**GENERAL CONSULTANTS:**  
egis **AECOM** wsp

**CONTRACTOR:**  
EGIS-AECOM-WSP

**DETAILED DESIGN CONSULTANT (DDC):**  
STUP CONSULTANTS PRIVATE LIMITED - & -  
L&T EDRC - TRANSPORTATION INFRASTRUCTURE IC

**PROOF CONSULTANT (PC):**  
CHETAN INFRASTRUCTURE CONSULTANTS PRIVATE LIMITED

**TITLE:**  
ALIGNMENT PLAN & PROFILE FROM CH: 11+200 TO CH: 12+500

SIGNATURE	PREPARED BY	CHECKED BY	APPROVED BY
	AMIT DUBEY	PALLAB GHOSH	SUBRAMANIAN R.

NAME	DESIGNATION	DATE	SIGN	PROJECT DIRECTOR
K.V. MAHADEV	ASST. MANAGER			
SHASHIDHAR D. CHIKODI	MANAGER			

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