

Route Diagram of Qd. cable

OFFSET - SAMBAPUR SECTION

LEGEND

RAIPUR (RVH) - MANDIRHASAUD

12/13

5/12
6/15

1. 6-QUAD CABLE (MAIN):

2. NORMAL JOINT:

3. TRANSFORMER JOINT (TJ):

4. ND JOINT (ND):

5. GRIGER BRIDGES

6. L/C & ROAD CROSSING

NOTE: ALL OFF-SETS ARE RECORDED FROM THE ONE MOST

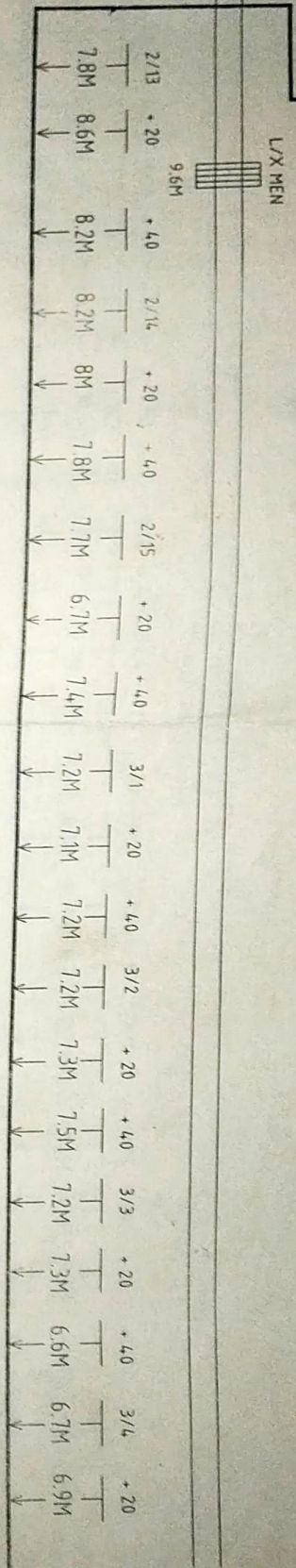


PREPARED	CHECKED BY	APPROVED	DESCRIPTION	E Co Railway
ANNAPURNA RAIL S & T CON LTD, Visakhapatnam			QUAD CABLE ROUTE PLAN	DIVISION SAMBAPUR SECTION R-TIC
SSE/TELE/CON/BSF	DSTE/CON/SBP	D, CSTE/CON/SBP		SHEET No.

DND/400/cable c/w/07/200

R/VH
CABLE
HOT

L/X MEN



L/X U/N MAN

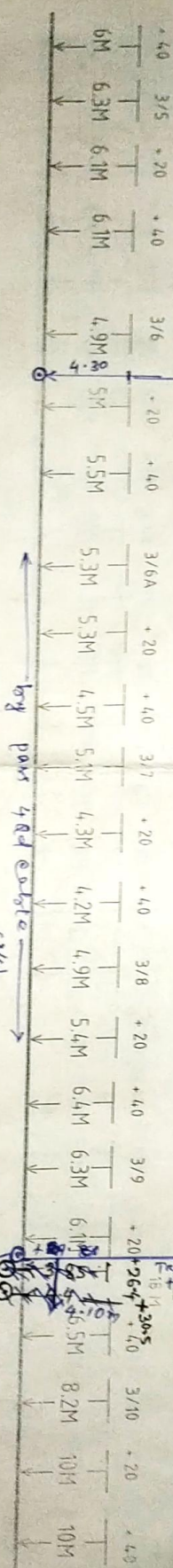
12M

Track Crossing

← jolly feed cable →

Track Crossing
L/X MEN

+33.20m from 3/9 (approx)



* At L/X U/N MAN 4rd cable joint with jolly feed cable & from L/X U/N MAN to 3/9, 4rd cable by pass.

+29.80m from 3/9
↓ 4.10m.

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DESCRIPTION

E. Co. Railway

ANNAPURNA RAIL S & T CON LTD.,

Visakhapatnam

QUAD CABLE ROUTE PLAN

DIVISION SAMBALPUR

SSE/TELE/CON/BSF

DSTE/CON/SDP

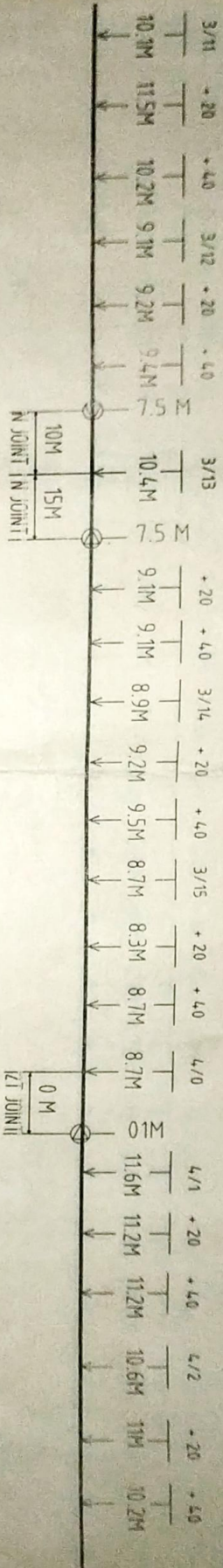
DY. CSTE/CON/SDP

SECTION R-TIG

SHEET No.

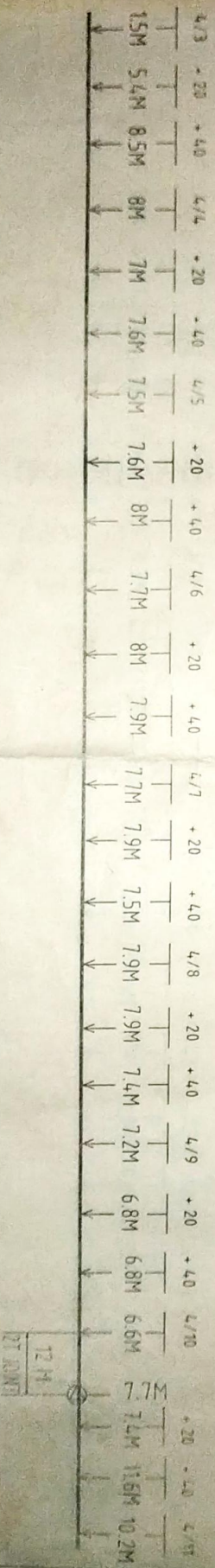
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CV NO - 9



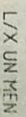
CV NO - 10

L/X MEN



PREPARED		CHECKED BY		APPROVED		DESCRIPTION		E. Co. Railway	
YELLA CONSTRUCTIONS LIMITED						QUAD CABLE ROUTE PLAN		DIVISION SAMBALPUR	
Vishakhapatnam								SECTION R-TIG	
SSE/TELE/CON/SBP		DSTE/CON/SBP		Dy. CSTE/CON/SBP				SHEET No	
								2	

TIG →



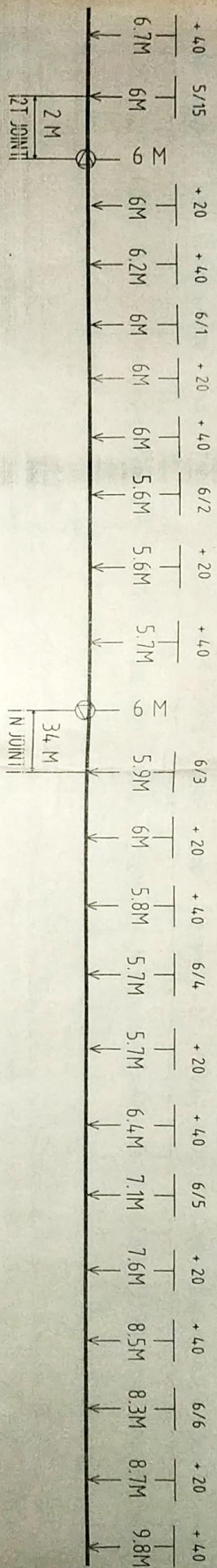
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5.5M	5.6M	5.2M	6.9M	6.3M	7.4M	6.5M	6.7M	7.3M	8.3M	8.6M	10M	9.2M	7.7M	8.4M	8.4M	6.5M	7.3M	6.1M	7.7M	7.3M	6.6M	6.4M

PREPARED		CHECKED BY	APPROVED	DESCRIPTION	E. Co. Railway
ANNAPURNA RAIL S & T CON LTD., Visakhapatnam				QUAD CABLE ROUTE PLAN	DIVISIONSAMBALPUR SECTION: R-TIG
SSE/TELE/CON/BSF	DSTE/CON/SBP	Dy. CSTE/CON/SBP			SHEET No. 3

→ R

TIG →

C.V. NO - 12A



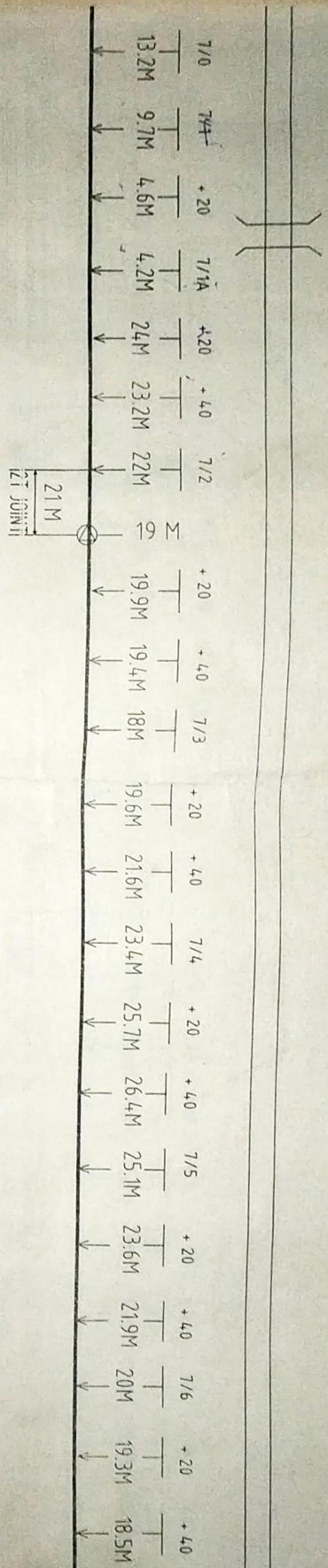
6/7	+ 20	+ 40	6/8	+ 20	+ 40	6.9M	+ 20	+ 40	6/10	+ 20	+ 40	6/11	+ 20	+ 40	6/12	+ 20	+ 40	6/13	+ 20	+ 40	6/14	+ 20
10.9M	10.6M	11M	10.6M	10M	10.3M	12.1M	12.5M	13.4M	13.7M	13.6M	13.8M	13.1M	12.5M	13.3M	13.5M	13.9M	11.2M	10.6M	10.8M	11.1M	11.8M	11.7M
↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	

PREPARED		CHECKED BY		APPROVED		DESCRIPTION		E. Co. Railway	
ANNAPURNA RAIL S & T CON LTD.,						QUAD CABLE ROUTE PLAN		DIVISION SAMBALPUR	
Visakhapatnam								SECTION R-TIG	
SSE/TELE/CON/BBP		DSTE/CON/SBP		Dy. CSTE/CON/SBP				SHEET No.	
								4	

R

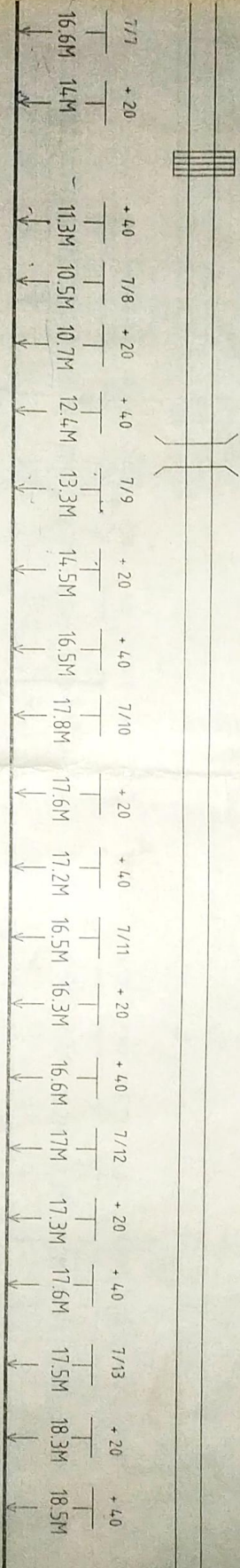
FIG

C.V.NO - 13

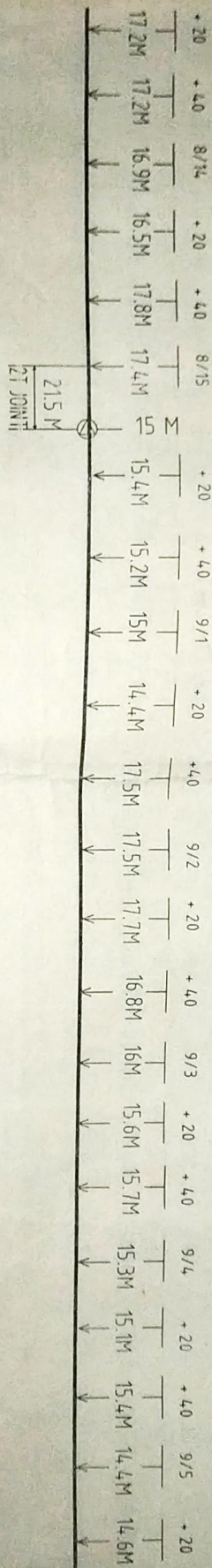


L/X UN MEN

C.V.NO - 14

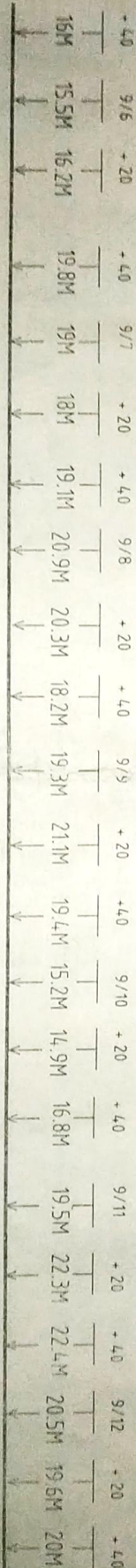


PREPARED		CHECKED BY		APPROVED		DESCRIPTION		E. Co. Railway	
ANNAPURNA RAIL S & T CON LTD.						QUAD CABLE ROUTE PLAN		DIVISION: SAMBALPUR	
Visakhapatnam								SECTION: R-TIG	
SSE/TELE/CON/BBP		DSTE/CON/BBP		Dy. CSTE/CON/BBP				SHEET No.	
								5	



L/X UN MEN

L/X UN MEN



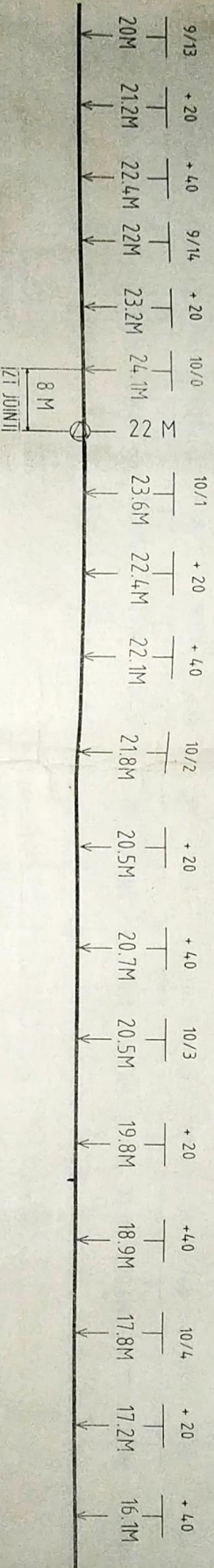
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ANMAPURNA RAIL S & T CON LTD.						QUAD CABLE ROUTE PLAN		DIVISION SAMBALPUR	
Visakhapatnam								SECTION R-TIG	
SSE/TELE/CON/SBP		DSTE/CON/SBP		Dy. CSTE/CON/SBP				SHEET No.	
								7	

→ R

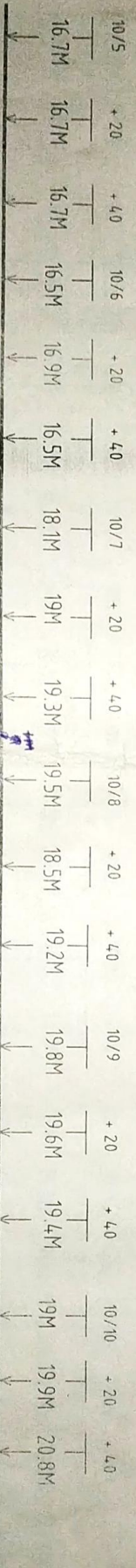
TIG →

C.V. NO. -

C.V. NO. -

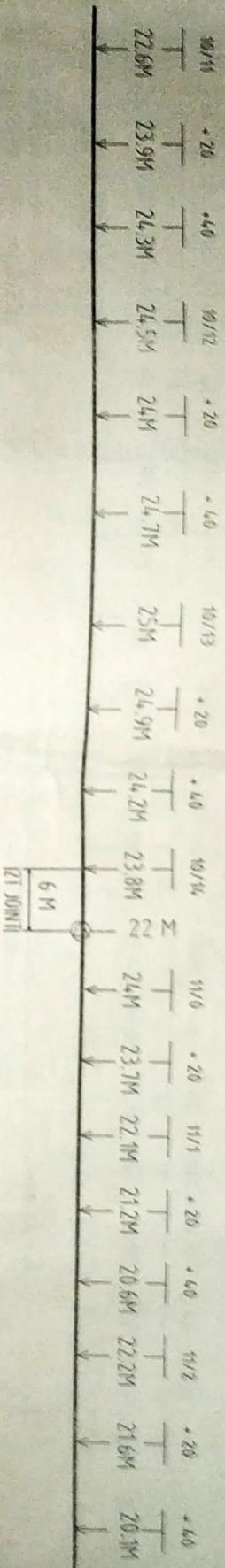


C.V. NO. - 26



Two N-Joint distant for ONE Mky.

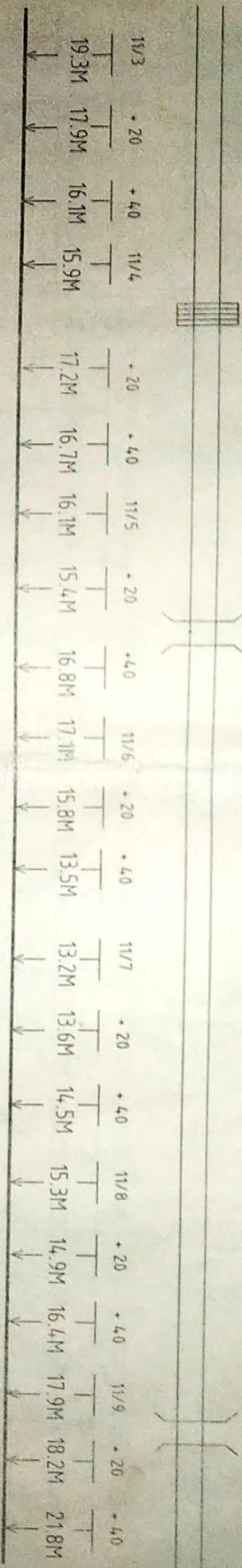
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ANNAPURNA RAIL S & T CON LTD.						QUAD CABLE ROUTE PLAN		DIVISION SAMBALPUR	
Visakhapatnam								SECTION R-TIG	
SSE/TELE/CON/BSF		DSTE/CON/SBP		Dy. CSTE/CON/SBP				SHEET No. 8	



LIX UN MEN

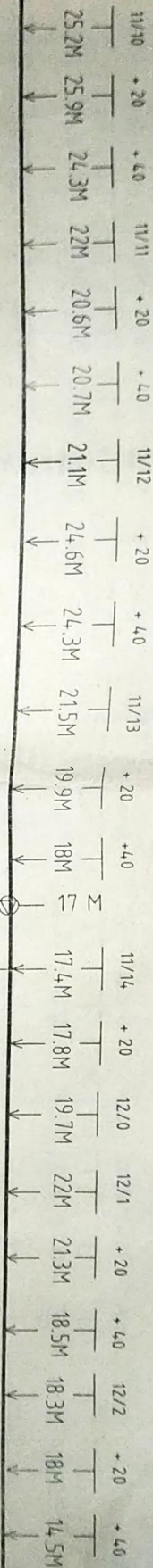
C.V. NO - 27

C.V. NO - 28

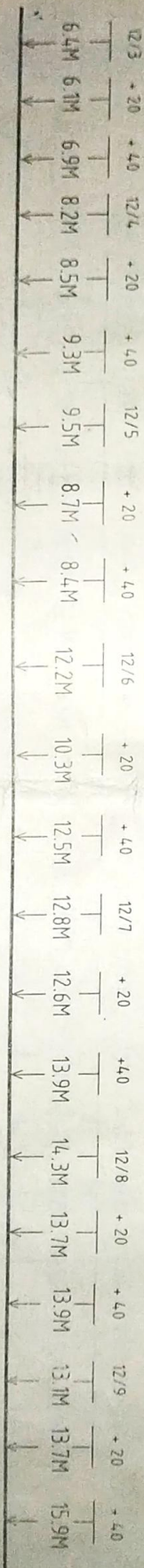


PREPARED	CHECKED BY	APPROVED	DESCRIPTION	E. Co. Railway
ANNAPURNA RAIL S & T CON LTD.			QUAD CABLE ROUTE PLAN	DIVISIONSAMBALPUR
Visakhapatnam				SECTION: R-11G
SSE/TELE/CON/BSF	DSTE/CON/SBP	Dy. CSTE/CON/SBP		SHEET No. 8

C.V.NO - 30



C.V.NO - 31



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DESCRIPTION

E. Co. Railway

ANNAPURNA RAIL S & T CON LTD.

Visakhapatnam

QUAD CABLE ROUTE PLAN

DIVISIONSAMBALPUR

SECTION R-TIG

SSE/TELE/CON/BSP

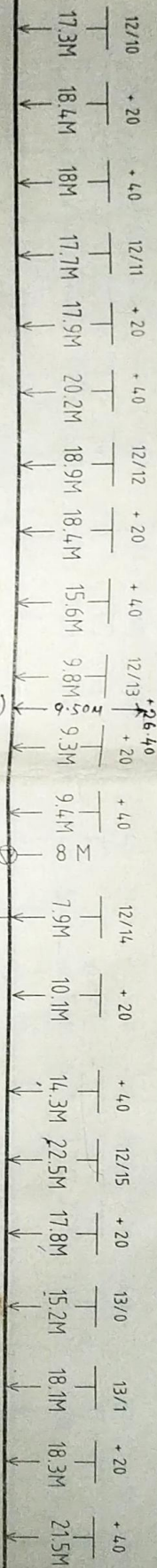
DSTE/CON/SBP

DY. CSTE/CON/SBP

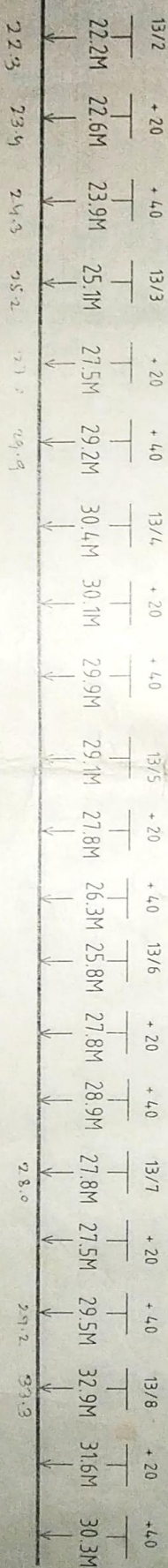
SHEET No.

10

L/X MEN



(2nd joint 12/15
3.40M from 2nd pillar of
over bridge from RINDY side)
(Cheri Kheci)



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DESCRIPTION

E. Co. Railway

ANNAPURNA RAIL S & T CON LTD.

Visakhapatnam

QUAD CABLE ROUTE PLAN

DIVISIONSAMBALPUR
SECTION: R-TIG

SSE/TELE/CON/BSP

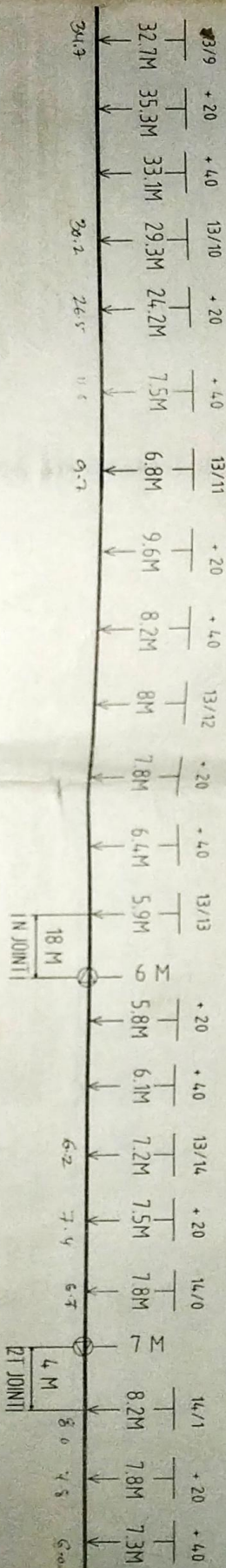
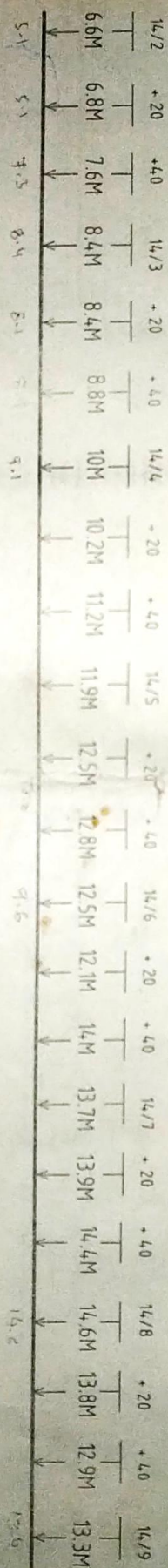
DSTE/CON/SBP

DY. CSTE/CON/SBP

SHEET No.

11

C.V.NO - 33



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DESCRIPTION

E. Co. Railway

ANNAPURNA RAIL S & T CON LTD.

Visakhapatnam

QUAD CABLE ROUTE PLAN

DIVISION SAMBALPUR
SECTION R-TIG

SSE/TELE/CON/BSF

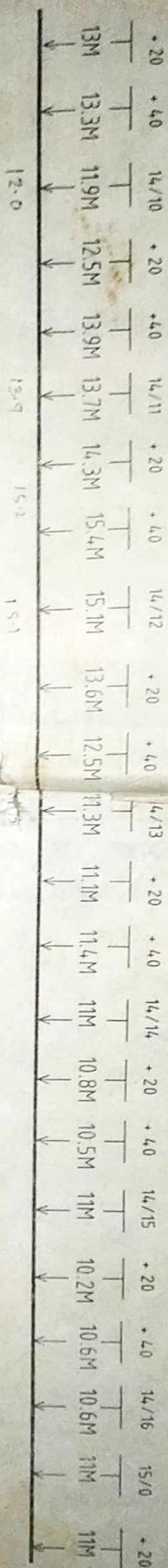
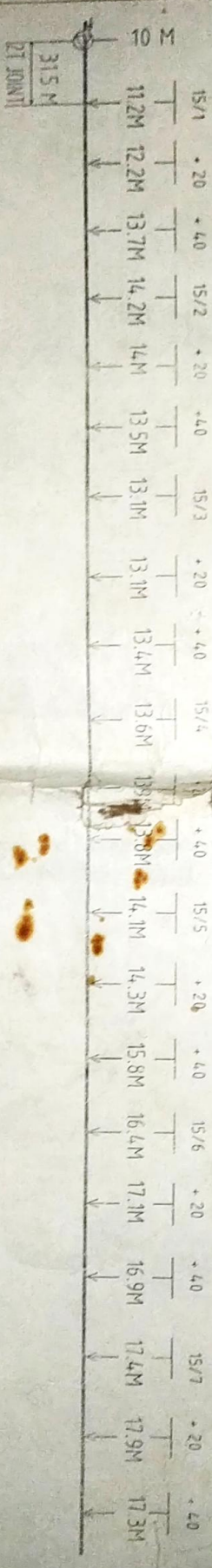
DSTE/CON/SBP

Dy CSTE/CON/SBP

SHEET No.

12

C.V. NO. - 36



315 M
21 JOINT

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ANNAPURNA RAIL S & T CON LTD.						QUAD CABLE ROUTE PLAN		DIVISION SAMBAPUR	
Visakhapatnam								SECTION R-TIG	
SSE/TELE/CON/BSBP		SSE/TELE/CON/BSBP		DY CSTE/CON/BSBP				SHEET NO.	
								13	

R

15/8	+ 20	15/9	+ 20	+ 40
17.6M	17.3M	16.9M	16.6M	16.3M
↓	↓	↓	↓	↓
				15M
				↓
				15.2M
				↓

L/X MEN

15/12	+ 20	15/13	+ 20	+ 40	15/14	+ 20	16/0	16/1	+ 20	+ 40	16/2	+ 40
11.6M	13.4M	13.5M	13.8M	15M	17.1M	15.9M	15.4M	15.5M	16.2M	16M	15.7M	
↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
							Σ	2M				
							2 M					
							121 JOINT					

PREPARED

CHECKED

APPROVED

DESCRIPTION

F. Co. Rail

ANNAPURNA PAIL S & T CON LTD.

Vishakhapatnam

SSE/TELE/CON/BBP

V/CON/BBP

Oy CSTE/CON/BBP

QUAD CABLE ROUTE PLAN

DIVISION Samba

SECTION R-T

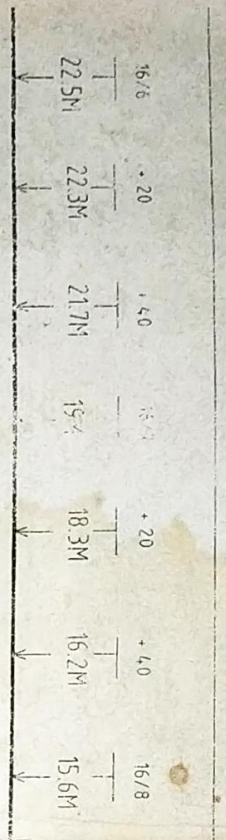
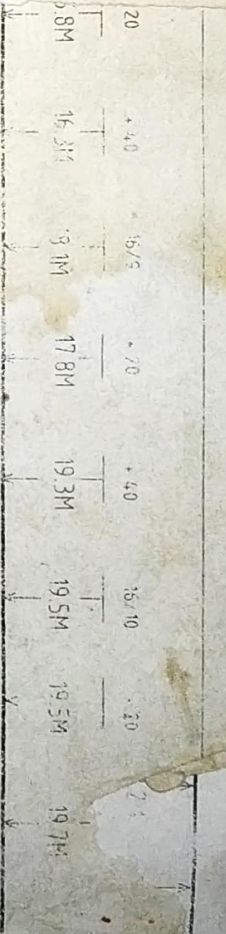
SHEET No

R

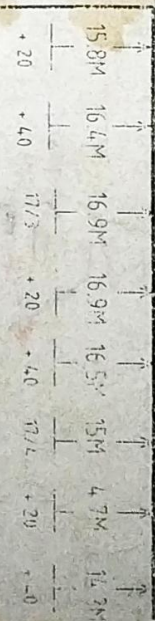
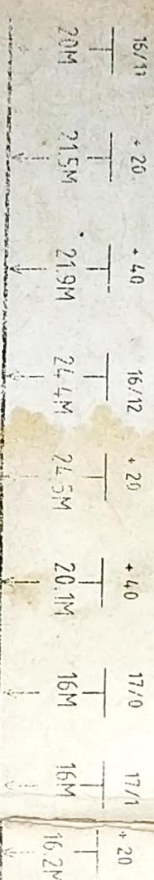
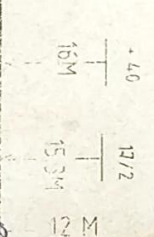
QUAD CABLE ROUTE PLAN

08

MINDIH COPY



15M

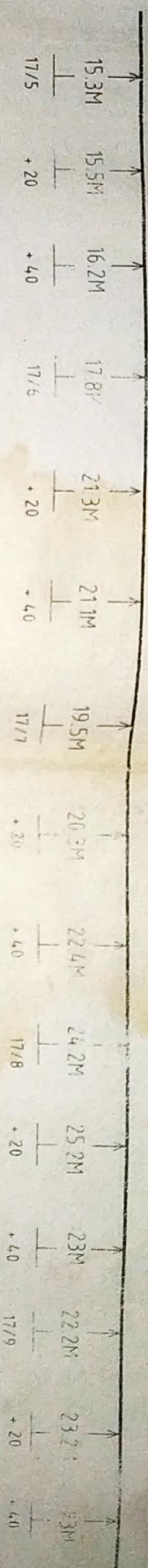
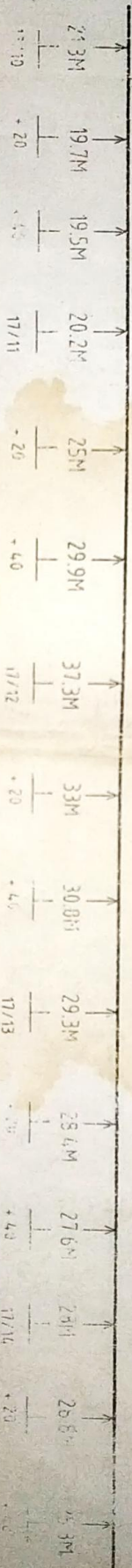


14M
27.30M

MINDIH - LAE

PREPARED		CHECKED BY		APPROVED		DESCRIPTION		E. Co. Railway	
ANNAPURNA RAIL S & T CON LTD.						QUAD CABLE ROUTE PLAN		DIVISION SAMBAIPUR	
Visakhapatnam								SECTION R-TIG	
SSE/TELE/COM/BSP		DSTE/CON/SBP		DY. CSTE/CON/SDP				SHEET NO.	

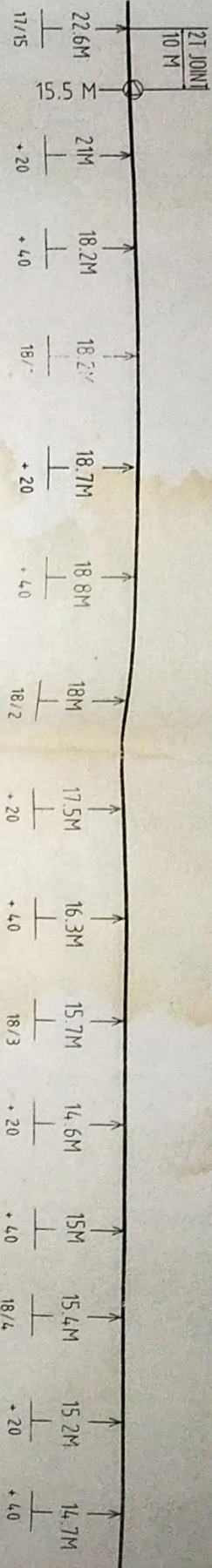
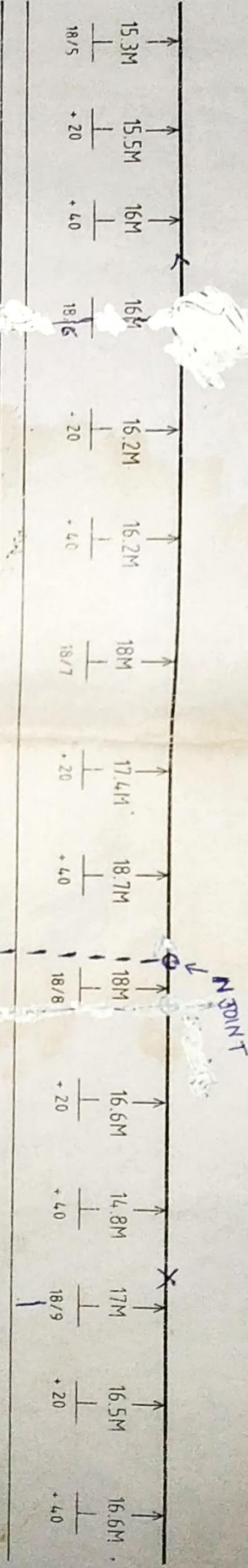
111



PREPARED	CHECKED BY	APPROVED	DESCRIPTION	E Co	ROLLWAY
ANNAPURNA RAIL S & T CON LTD. Visakhapatnam			QUAD CABLE ROUTE PLAN	DIVISIONS SECTION: R	SAI M
SSE/TELE/CON/ESP	DSTE/CON/SBP	DY. CSTE/CON/SBP		SHEET No	11

R

TIG

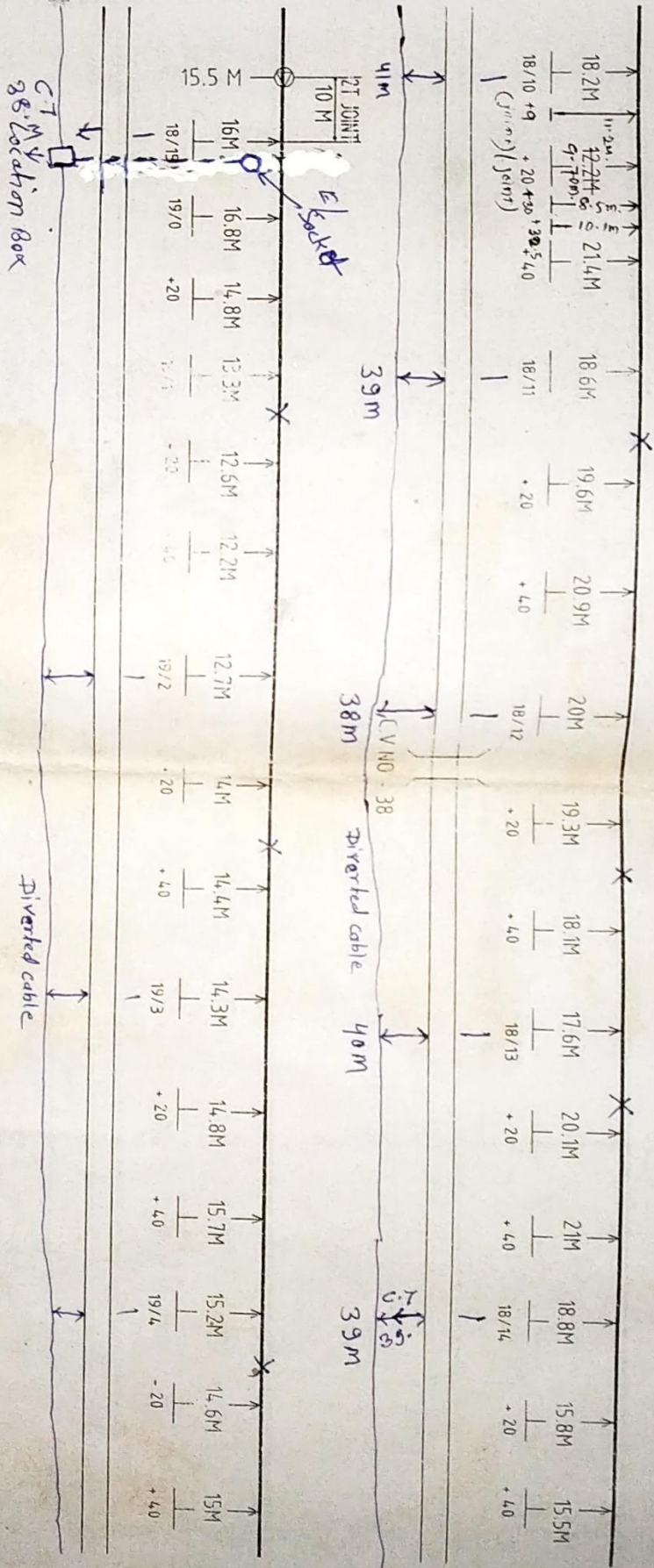


35M
Diverged cable
37M

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ANNAPURNA RAIL S & T CON LTD.						QUAD CABLE ROUTE PLAN		DIVISION SAMPALPUR	
Visakhapatnam								SECTION: R-TIG	
SSE/TELE/CON/BBP		DSTE/CON/BBP		DY. CSTE/CON/BBP				SHEET No	
								18	

→ R

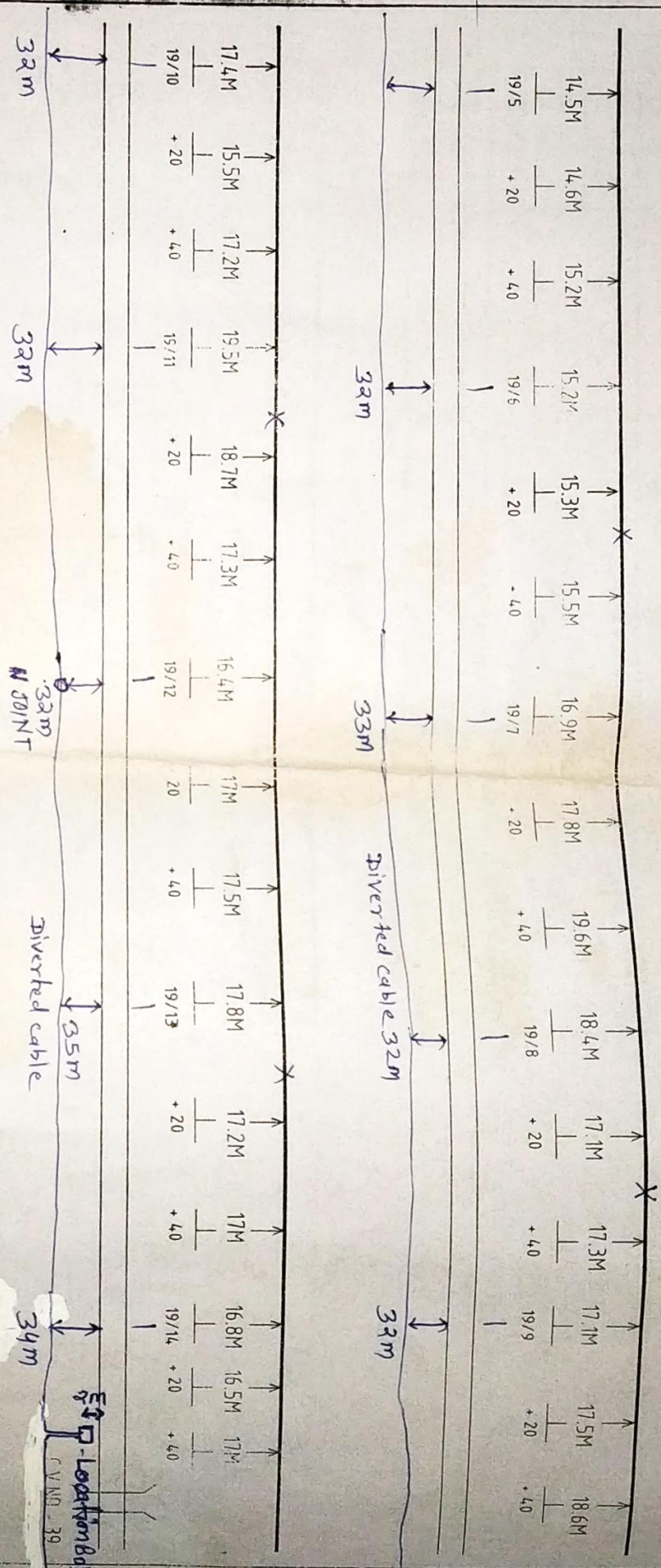
TIG



PREPARED		CHECKED BY		APPROVED		DESCRIPTION		E. Co. Railway	
ANNAPURNA RAIL S & T CON LTD.						QUAD CABLE ROUTE PLAN		DIVISION SAMBALPUR	
Visakhapatnam								SECTION R-TIG	
SSE/TELE/CON/BSF		DSTE/CON/BSF		DY. CSTE/CON/BSF				SHEET No.	
								19	

R

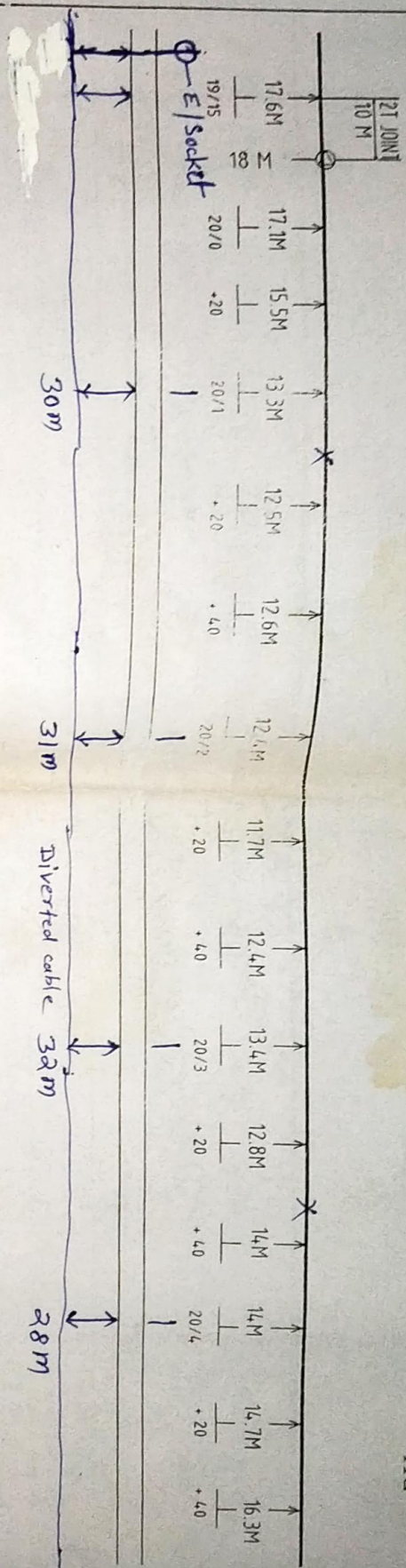
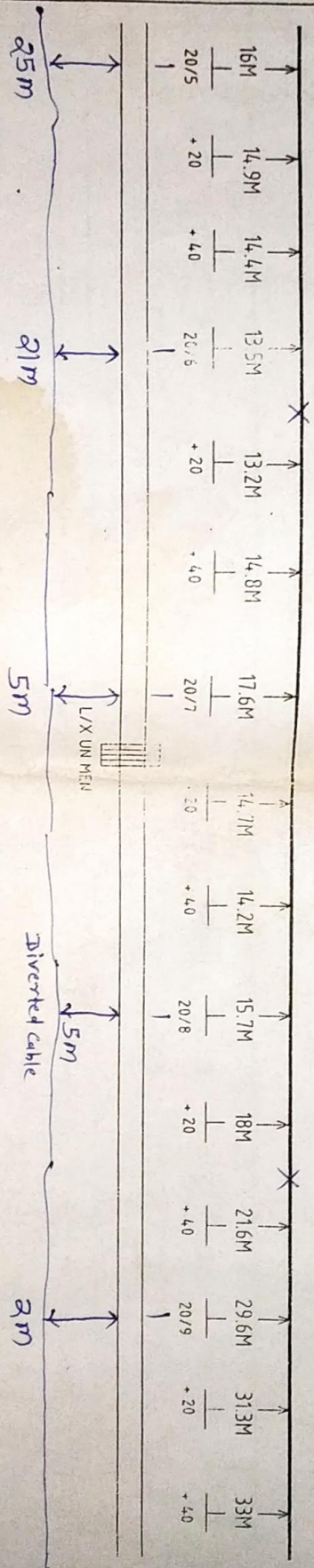
FIG



PREPARED		CHECKED BY		APPROVED		DESCRIPTION		E. Co. Railway	
ANNAPURNA RAIL S & T CON LTD.						QUAD CABLE ROUTE PLAN		DIVISION SAMBALPUR	
Visakhapatnam								SECTION: R-71G	
SSE/TELE/CON/BSBP		DSTE/CON/BSBP		Dy. CSTE/CON/BSBP				SHEET No.	
								20	

→ R

TIG →



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DESCRIPTION

E. Co. Railway

ANNAPURNA RAIL S & T CON LTD.

Visakhapatnam

QUAD CABLE ROUTE PLAN

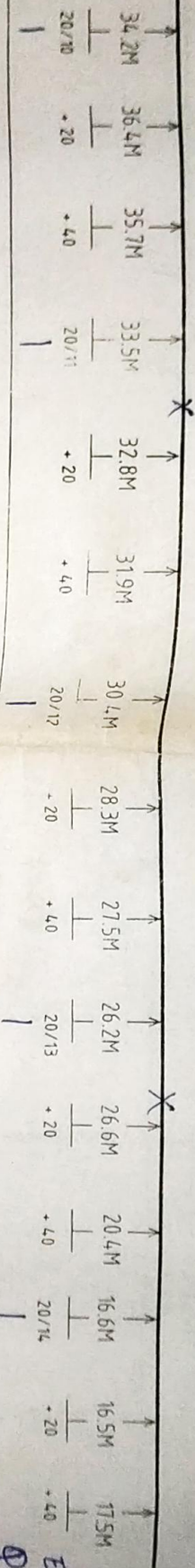
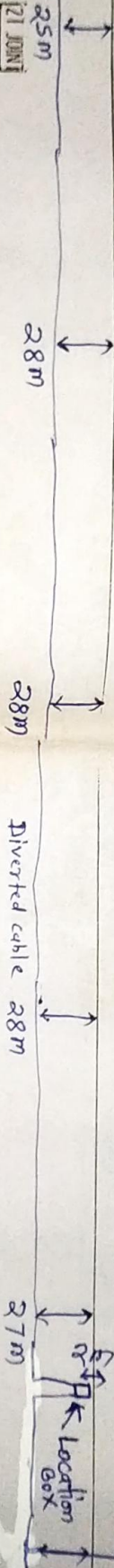
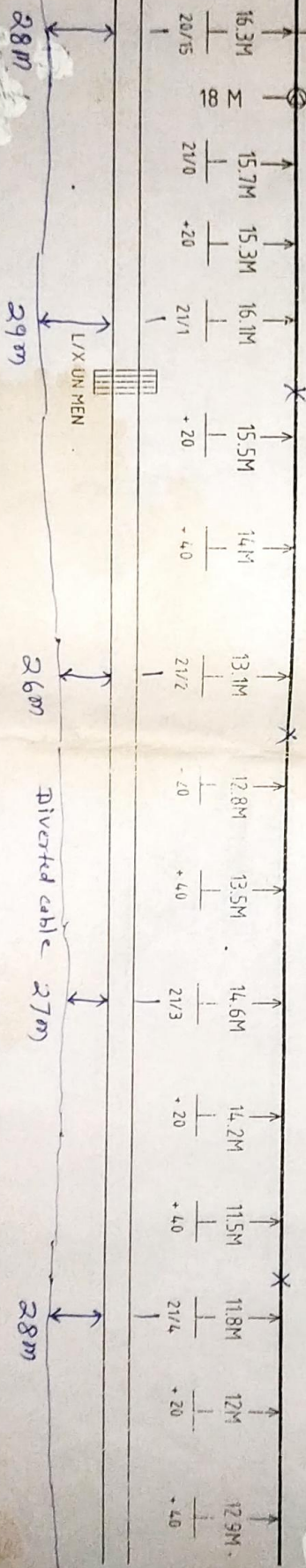
DIVISION SAMBALPUR

SECTION R-TIG

SSE/TELE/CON/BBP | GSTE/CON/BBP | DY, GSTE/CON/BBP

SHEET No.

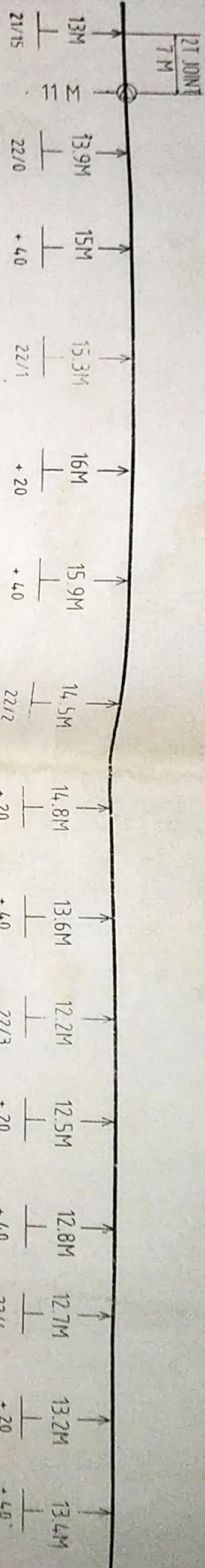
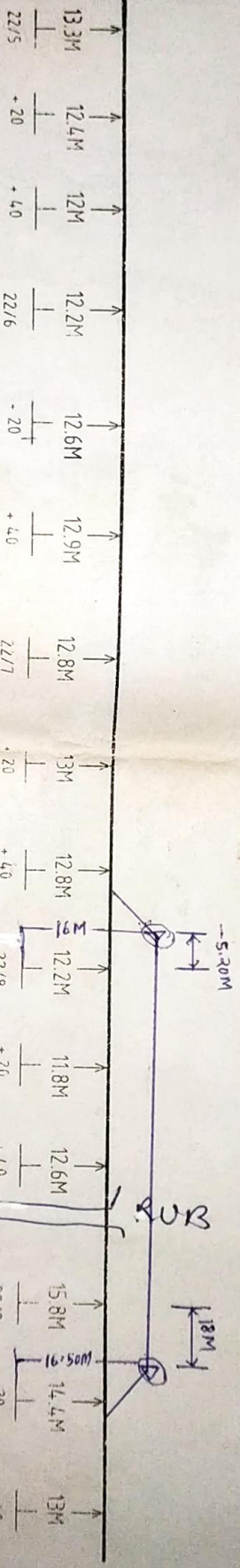
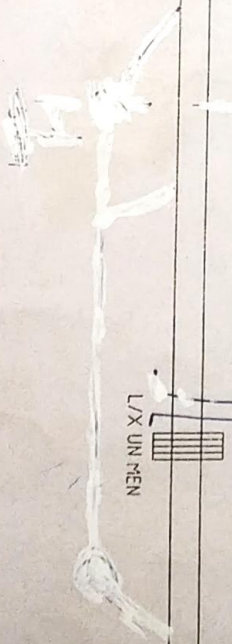
21



PREPARED		CHECKED BY		APPROVED		DESCRIPTION		E. Co. Railway	
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Visakhapatnam								SECTION R-TIG	
SSE/TELE/CON/SBP		DSTE/CON/SBP		DY. CSTE/CON/SBP				SHEET No. 22	

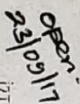
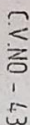
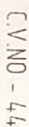
R

TIG

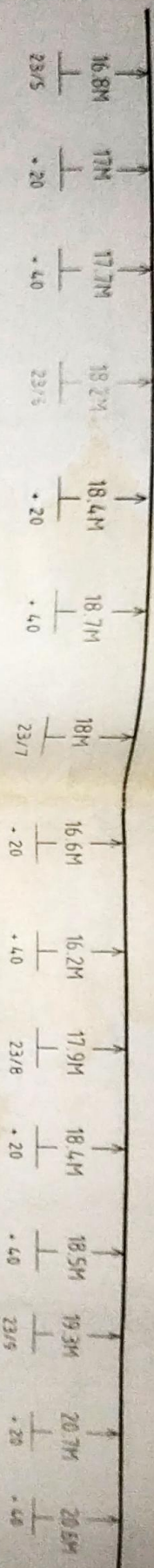
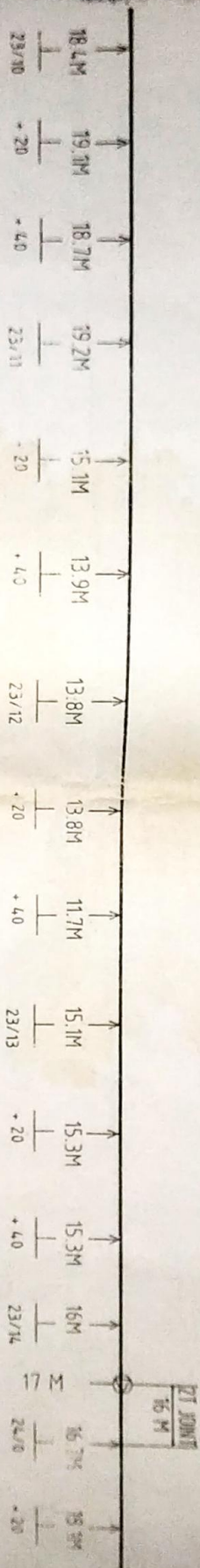


PREPARED		CHECKED BY		APPROVED		DESCRIPTION		E. Co. Railway	
ANNAPURNA RAIL S & T CON LTD.						QUAD CABLE ROUTE PLAN		DIVISION SAMBALPUR	
Visakhapatnam								SECTION: R-TIG	
SSE/TELE/CON/BBP		DSTE/CON/BBP		Dy. CSTE/CON/BBP				SHEET No:	
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Fi



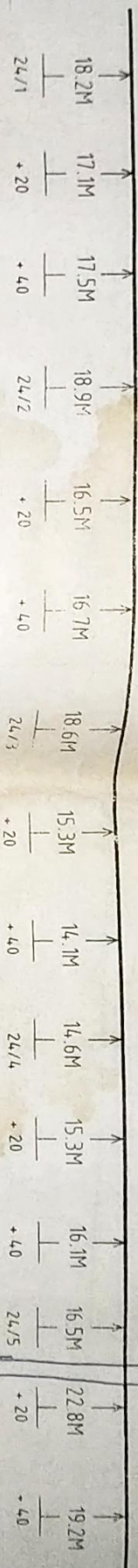
DIVISION SAMBALPUR
SECTION: R-TIG
SHEET No: 25



PREPARED		CHECKED BY		APPROVED		DESCRIPTION		E. Co. Railway	
ANNAPURNA BAIL S & T CON LTD.						QUAD CABLE ROUTE PLAN		DIVISION: SAMBALPUR	
Visakhapatnam								SECTION: R-TIG	
SSE/TELE/CON/BSF		DSTE/CON/SBP		By: CSTE/CON/SBP				SHEET No.	
								28	

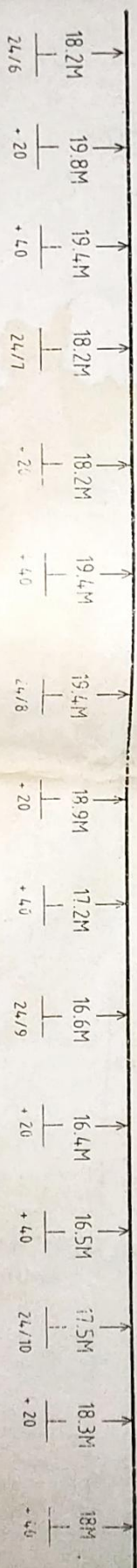
— R

FIG —

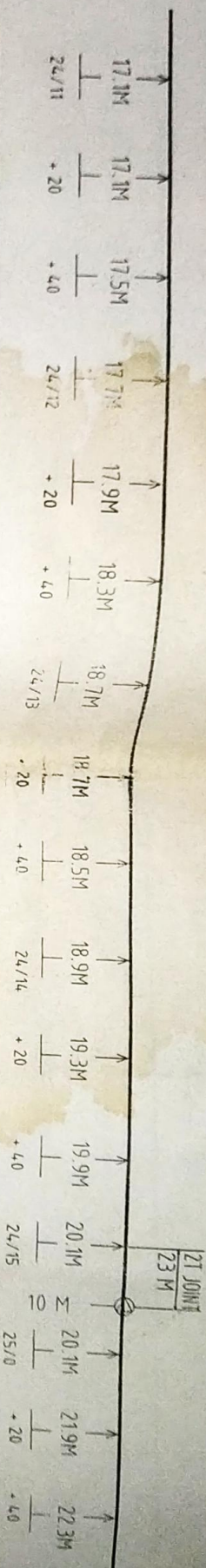
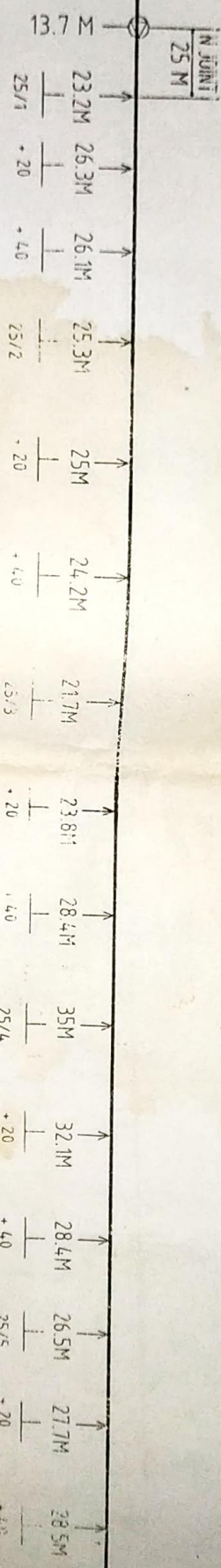


C.V.NO - 45

L/X UN MEN



PREPARED		CHECKED BY		APPROVED		DESCRIPTION		E. Co. Railway	
ANNAPURNA RAIL S & T CON LTD.						QUAD CABLE ROUTE PLAN		DIVISION: SAMBALPUR	
Visakhapatnam								SECTION: R-TIG	
SSE/TELE/CON/BSF		DSTE/CON/SBP		Dy. CSTE/CON/SBP				SHEET No:	
								27	



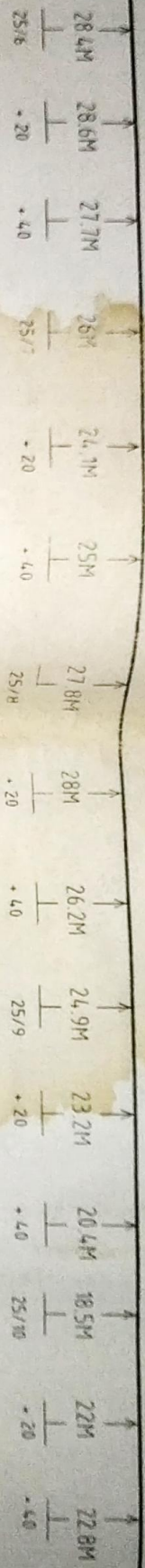
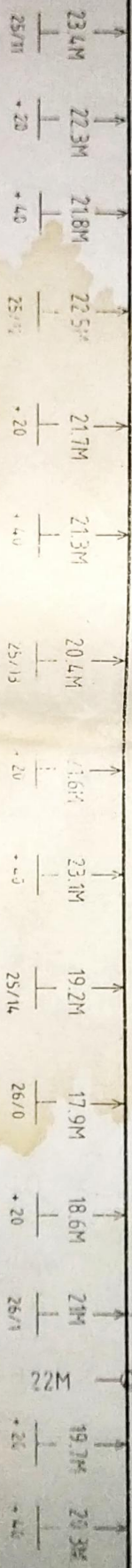
C V NO - 46

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PREPARED	CHECKED BY	APPROVED	DESCRIPTION	E. Co. Railway
ANNAPURNA RAIL S & T CON LTD.			QUAD CABLE ROUTE PLAN	DIVISION: SAMBALPUR
Visekshapatnam				SECTION: R-TIG
SSE/TELE/CON/BSF	OSTE/CON/SBP	Dy. CSTE/CON/SBP		SHEET No. 28

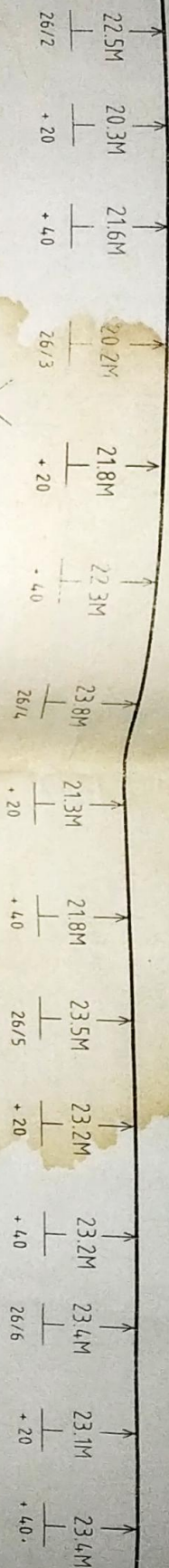
R

TIG

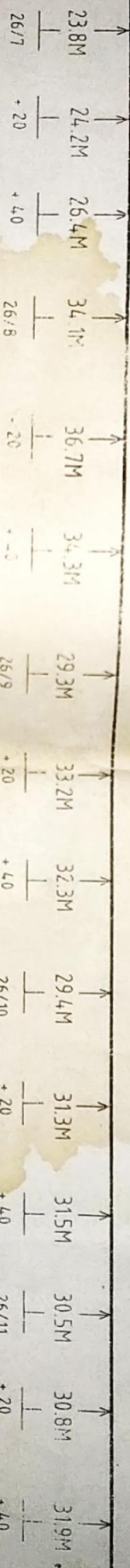


121.20M
0 M

PREPARED		CHECKED BY		APPROVED		DESCRIPTION		E. Co. Railway	
ANNAPEENA EAIL S & T CON LTD.		Vishakhapatnam				QUAD CABLE ROUTE PLAN		DIVISION SAMBALPUR	
SSE/TELE/CON/BSP		DSTE/CON/SBP		Dy. CSTE/CON/SBP				SECTION: R-TIG	
								SHEET No. 29	



C.V. NO - 47



PREPARED

CHECKED BY

APPROVED

DESCRIPTION

E. Co. Railway

ANNAPURNA RAIL S & T CON LTD.

Visakhapatnam

QUAD CABLE ROUTE PLAN

DIVISION: SAMBALPUR
SECTION: R-TIG

SSE/TELE/CON/BSF

DSTE/CON/SBP

Dy. CSTE/CON/SBP

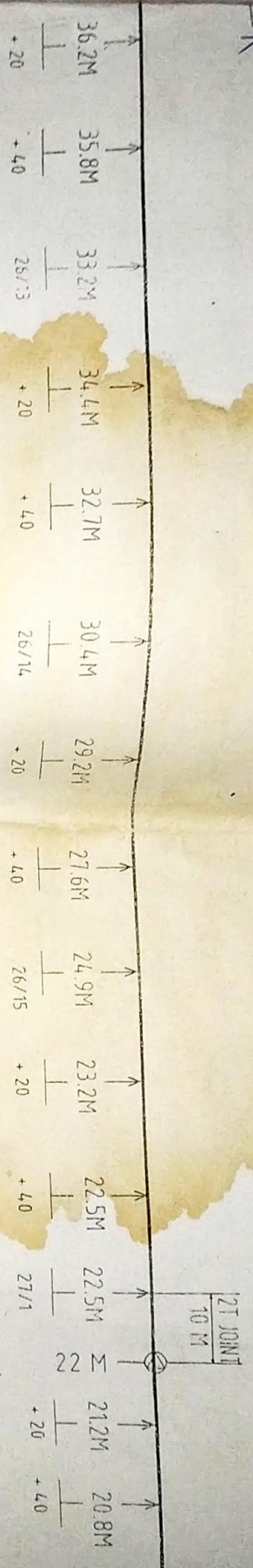
SHEET No:

30

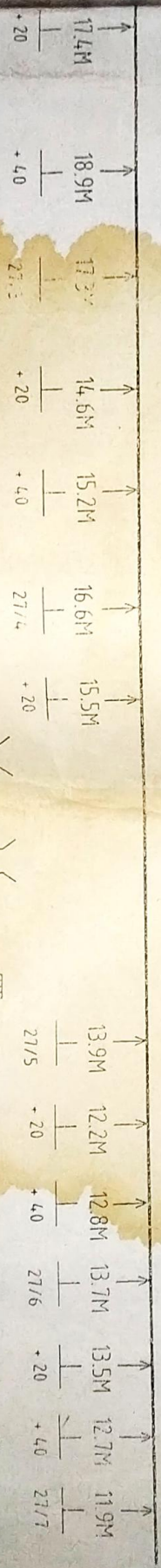
-R

TIG —

16



C.V. NO - 48



L/X UN MEN

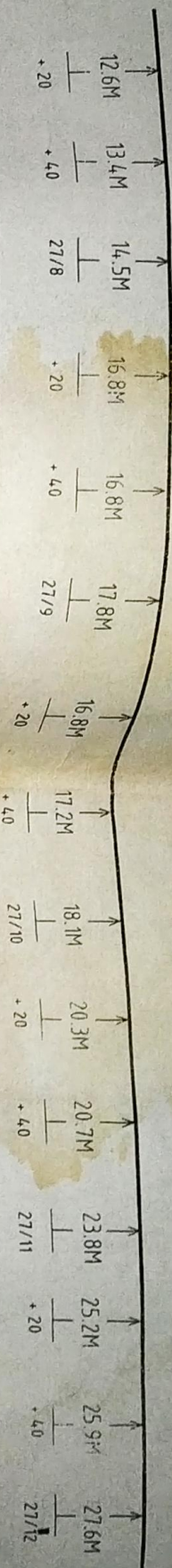
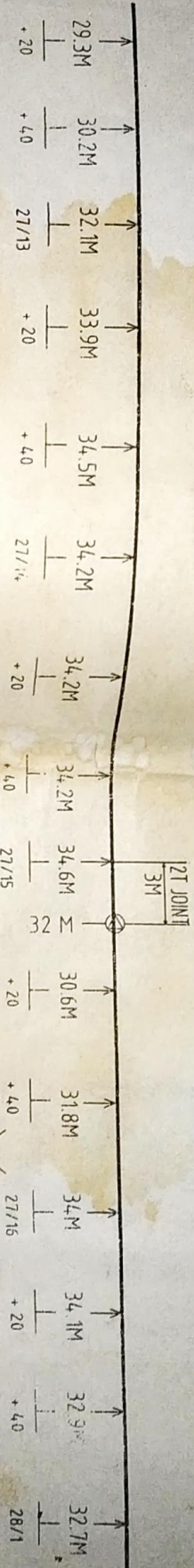
C.V. NO - 49 C.V. NO - 50

L/X UN MEN

PREPARED	CHECKED BY	APPROVED	DESCRIPTION	E. Co. Railway
ANNAPURNA E&I S & T CON LTD.			QUAD CABLE ROUTE PLAN	DIVISION SAMBALPUR
Visakhapatnam				SECTION R-TIG
				SAFT NO. 31

← R

TIG —



C.V.NO - 51

PREPARED		CHECKED BY		APPROVED		DESCRIPTION		E. Co Railway	
ANNAPURNA RAIL S & T CON LTD.						QUAD CABLE ROUTE PLAN		DIVISION SAMBALPUR	
Visakhapatnam								SECTION: R-TIG	
SSE/TELE/CON/BSR		DSTE/CON/SBP		DY. CSTE/CON/SBP				SHEET No	
								32	

31.3M 29M 35.5M 4.5M 31.3M 36.2M 31.3M 34.8M
 - 20 + 4.0 28/2 4.0 28/2 20/2 20/2 20/2 20/2

31.3M 35.5M 34.8M 35.5M 31.3M 34.8M 35.5M 31.3M
 - 20 + 4.0 28/2 4.0 28/2 20/2 20/2 20/2 20/2

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ANNAPURNA RAIL S & T CON LTD.
 Visakhapatnam

SSC/TELE/CO

CHK BY

APPROVED

DESCRIPTION

QUAD CABLE ROUTE PLAN

F. Co. Railway

DIVISION SAMBALPUR

SECTION R-TTC

SHEET No.

33