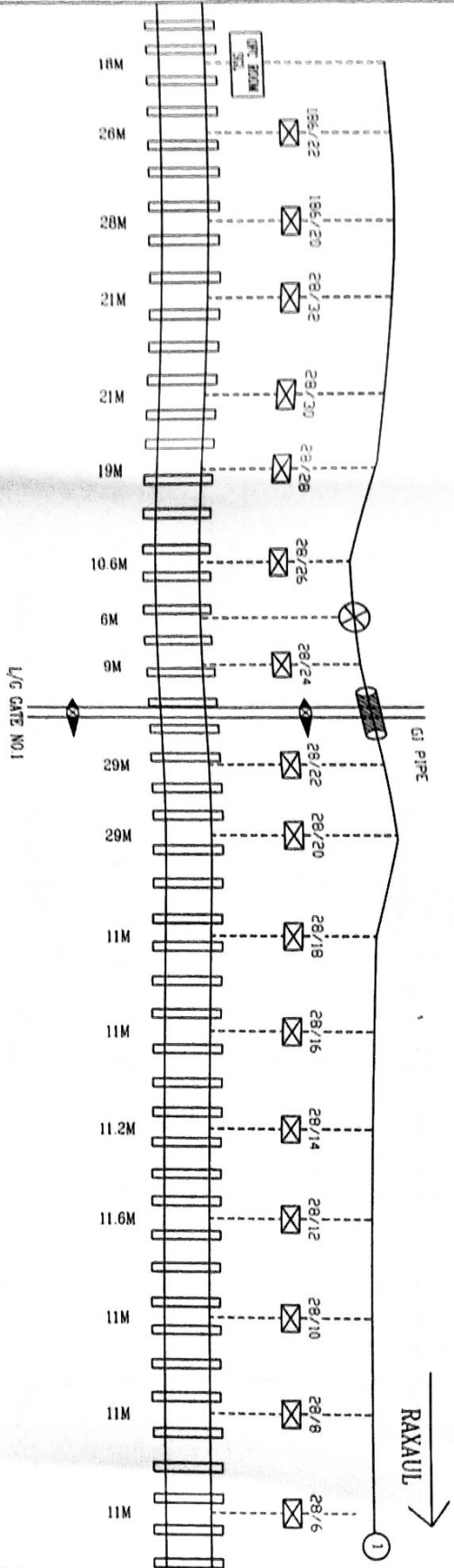


OFC CABLE ROUTE PLAN IN SGL-RGH SECTION



LEGENDS

→ DISTANCE(MTR.)

— OFC LINK

||| TRACK

⊗ DMC PIPE

⊗ GI PIPE

⊗ OFC JOINT

⊗ ELECTRIC POLE

** All distance has been measure from side of Track.

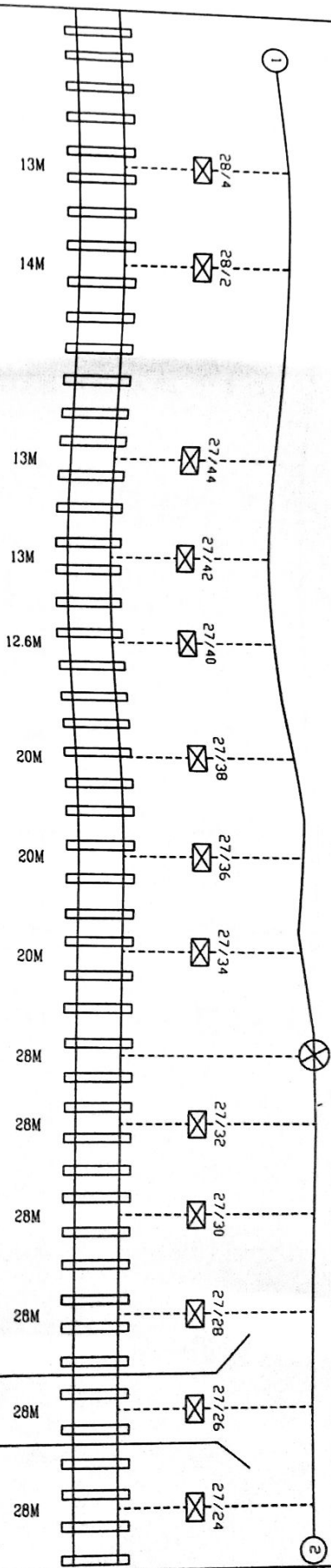
** For center of track add 0.83 cm

PREPARED BY TNS N/PA/1007/100 DRAWN BY P. BODIA	CHECKED 25/6/21	APPROVED 25/6/2021	OFC CABLE ROUTE PLAN	SGL-RXL SECTION	SHEET NO -01/40
EAST CENTRAL RAILWAY SAMPLING DIVISION			SGL/RXL/PROJECT/MT		

← SUGAULI

OFC CABLE ROUTE PLAN IN SGL-RGH SECTION

→ RAXAUL



BR. NO.30

→ RAXAUL

LEGENDS

- DISTANCE(MTR.)
- OFC LINK
- ▤ TRACK
- ▤ DWC PIPE
- ▤ GI PIPE
- ⊗ OFC JOINT
- ⊗ ELECTRIC POLE

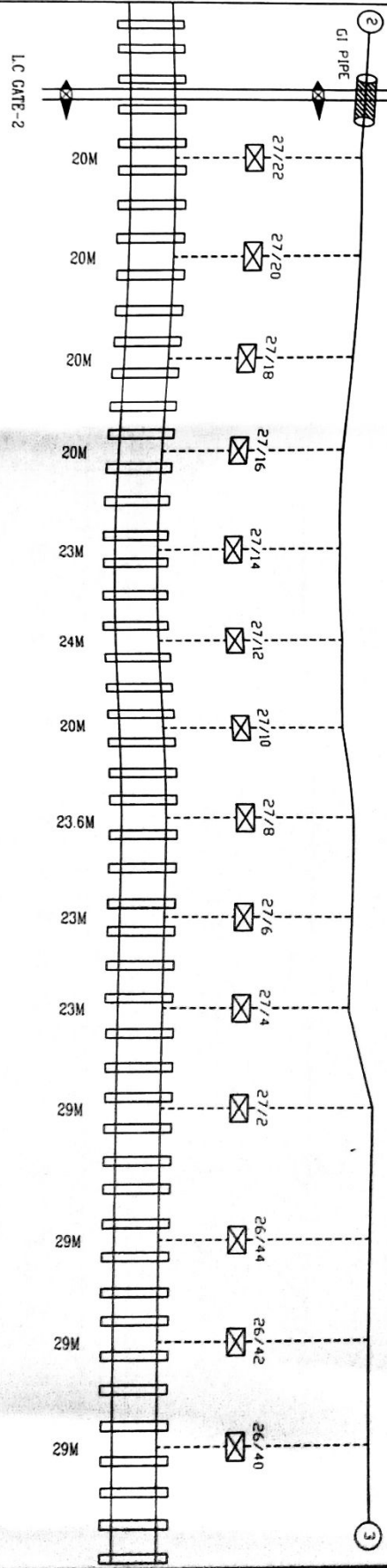
** All distance has been measure from side of Track.
** For center of track add 0.83 cm

PREPARED BY		CHECKED		APPROVED		SHEET NO.-02/40	
TNS NETWORKING		EAST CENTRAL RAILWAY		OFC CABLE ROUTE PLAN		SGL-RXL SECTION	
DRAIN		SAMASTPUR DIVISION		25/6/24			
P. BISWAS		SSE/TELE/PROJECT/MFP		ASTE/WORKS/MFP			
BIPUL KR. PATHAK							

SUGAULI

OFC CABLE ROUTE PLAN IN SGL-RGH SECTION

RAXAUL



LEGENDS

- DISTANCE(MTR.)
- OFC LINK
- TRACK
- DWC PIPE
- GI PIPE
- OFC JOINT
- ELECTRIC POLE

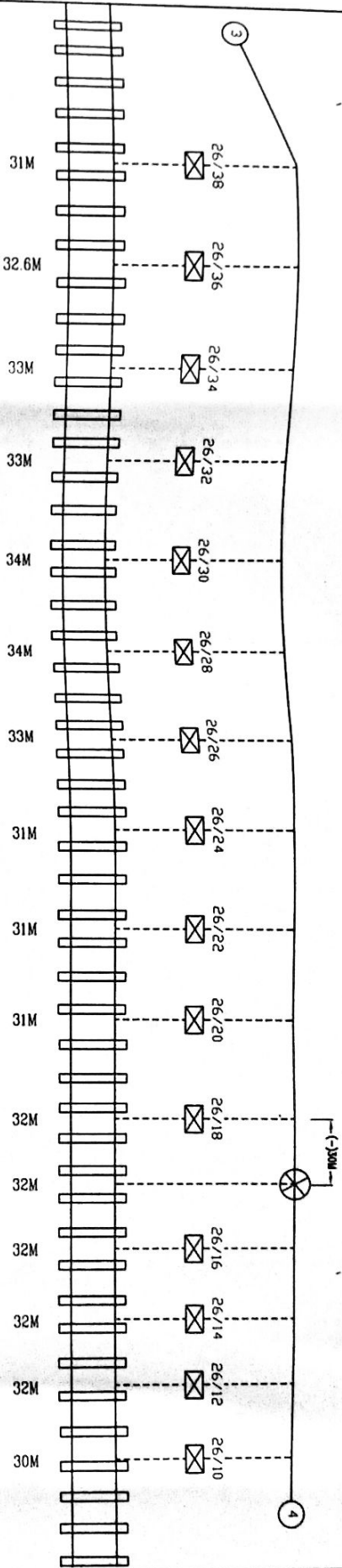
** All distance has been measure from side of Track.
 ** For center of track add 0.83 cm

PREPARED BY		CHECKED		APPROVED		OFC CABLE ROUTE PLAN	SGL-RXL SECTION	SHEET NO.-03/40
TNS NETWORKING		EAST CENTRAL RAILWAY		SSE/TELE/PROJECT/MPP				
DRAWN		SAMSATODIA DIVISION		ASTI/WORKS/UP				
P. BISWAS		BIPUL KR. PATIHA		25/6/21				

← SUGAULI

OFC CABLE ROUTE PLAN IN SGL-RGH SECTION

→ RAXAUL



LEGENDS

→ DISTANCE(MTR.)

— OFC LINK

— TRACK

— DWG PIPE

— GI PIPE

⊗ OFC JOINT

⊠ ELECTRIC POLE

** All distance has been measure from side of Track.
 ** For center of track add 0.83 cm

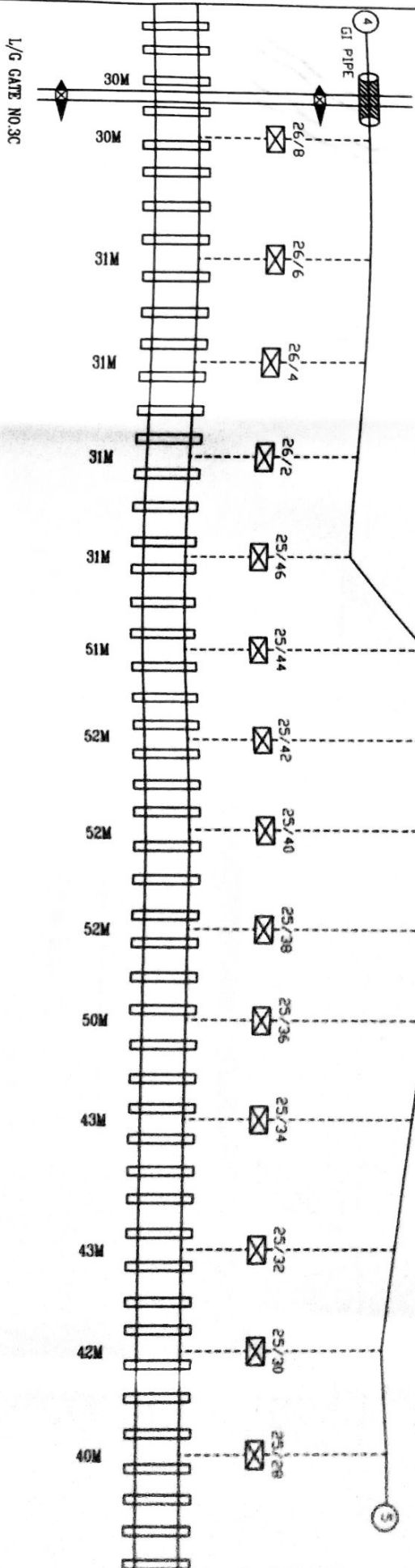
PREPARED BY TNS NETWORKING DRAWN P. BISWAS	EAST CENTRAL RAILWAY SAMASTPUR DIVISION	CHECKED 25/6/21	APPROVED 25/6/21	OFC CABLE ROUTE PLAN	SGL-RXL SECTION	SHEET NO.-04/40
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SUGAUL

OFC CABLE ROUTE PLAN IN SGL-RGH SECTION

RAXAUL



LEGENDS	
	DISTANCE(MTR.)
	OFC LINK
	TRACK
	DWC PIPE
	GI PIPE
	OFC JOINT
	ELECTRIC POLE

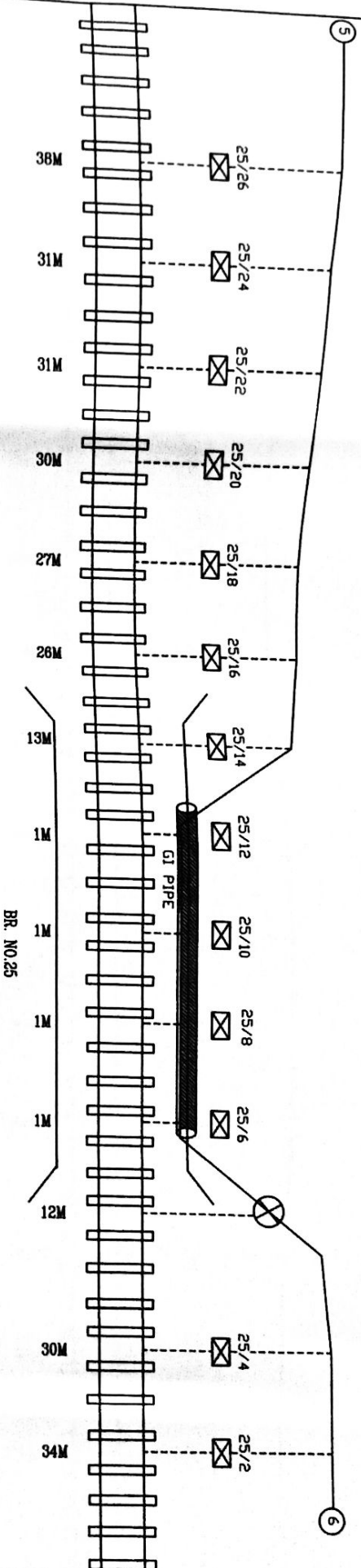
** All distance has been measure from side of Track.
 ** For center of track add 0.83 cm

PREPARED BY		CHECKED		APPROVED		SHEET NO - 06/40	
TNS NETWORKING		EAST CENTRAL RAILWAY		OFC CABLE ROUTE PLAN		SGL-RGL SECTION	
DRAWN		SAMASTPUR DIVISION		SSE/TELE/PROJECT/NTP		ASTE/WORKS/NTP	
P. BISWAS		BIPUL KUMAR PATRAK		25/6/21		25/6/2021	

OFC CABLE ROUTE PLAN IN SGL-RGH SECTION

SUGAUL ←

→ RAXAUL



LEGENDS

- DISTANCE(MTR.)
- OFC LINK
- ||| TRACK
- DWG PIPE
- GI PIPE
- ⊗ OFC JOINT
- ⊗ ELECTRIC POLE

** All distance has been measure from side of Track.
 ** For center of track add 0.83 cm

PREPARED BY		CHECKED		APPROVED		OFC CABLE ROUTE PLAN	SGL-RXL SECTION	SHEET NO.-06/40
TNS NETWORKING	CHECKED	EAST CENTRAL RAILWAY						
DRAWN		SAMASTPUR DIVISION						
P. BISWAS	BIPUL K. PATHAK	SSR/TELE/PROJECT/APP		ASTE/WORKS/APP				

↓
RAXAUL



ELECTRIC POLE

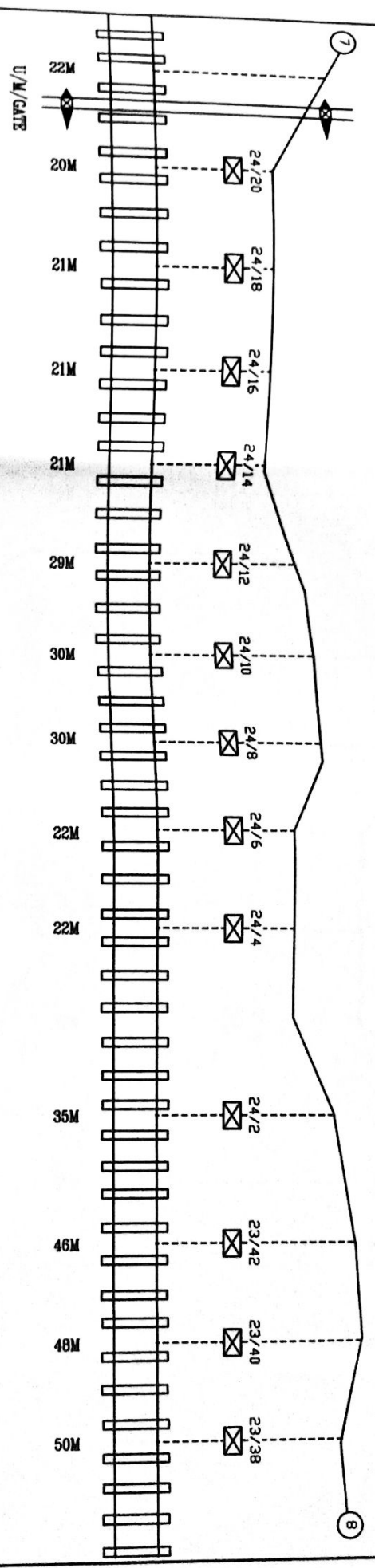
**** All distance has been measure from side of Track.**
**** For center of track add 0.83 cm**

PREPARED BY TNS NETWORKING EAST CENTRAL RAILWAY DRAWN SAMASTPUR DIVISION P. BISHWAS RAILWAY P. BISHWAS		CHECKED 10/5/21 25/6/21	APPROVED 20/6/21 25/6/21	ORC CABLE ROUTE PLAN SGL-RIL SECTION	SHEET NO.-07/40
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SUGAULI

OFC CABLE ROUTE PLAN IN SGL-RGH SECTION

RAXAUL



LEGENDS

→ DISTANCE(MTR.)

— OFC LINK

⌋ TRACK

⌋ DWG PIPE

⌋ GI PIPE

⊗ OFC JOINT

⊗ ELECTRIC POLE

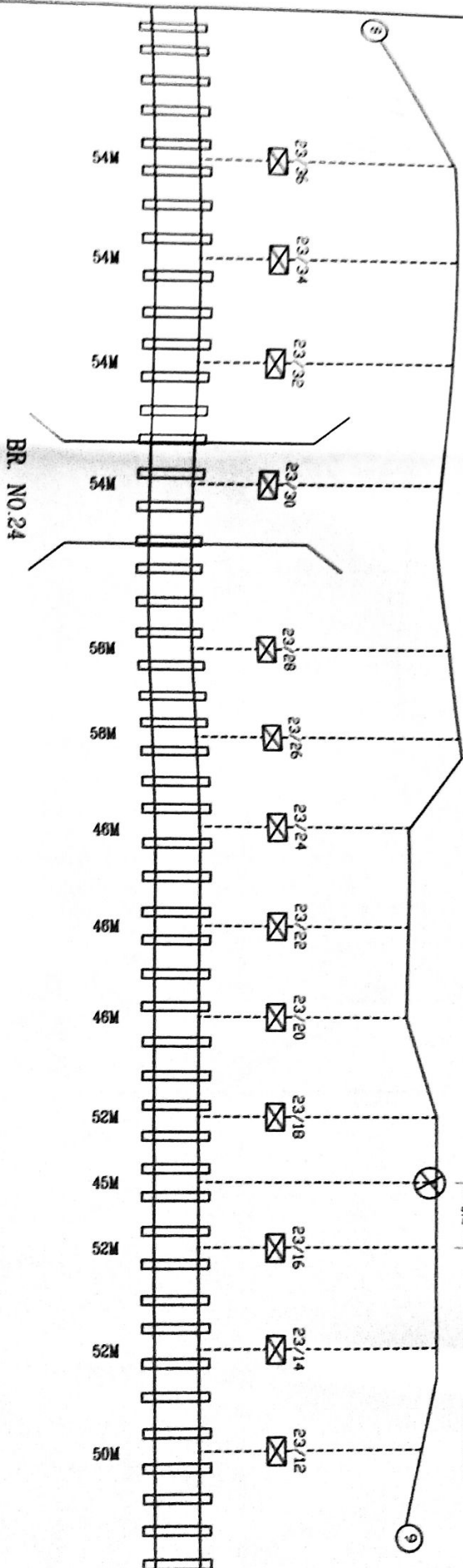
** All distance has been measure from side of Track.
 ** For center of track add 0.83 cm

PREPARED BY		CHECKED		APPROVED		OFC CABLE ROUTE PLAN	SGL-RXL SECTION	SECRET NO.-08/40
TNS NETWORKING		EAST CENTRAL RAILWAY		25/6/21				
DRAWN		SAMASTPUR DIVISION		ASTE/WORKS/HUP				
P. BISWAS		BIPUL K. PATHAK		SSE/TELE/PROJECT/MPP				

← SUGAUL

OFC CABLE ROUTE PLAN IN SGL-RGH SECTION

→ RAXAUL



- LEGENDS**
- DISTANCE(MTR.)
 - OFC LINK
 - TRACK
 - DWC PIPE
 - GI PIPE
 - ⊗ OFC JOINT
 - ⊗ ELECTRIC POLE

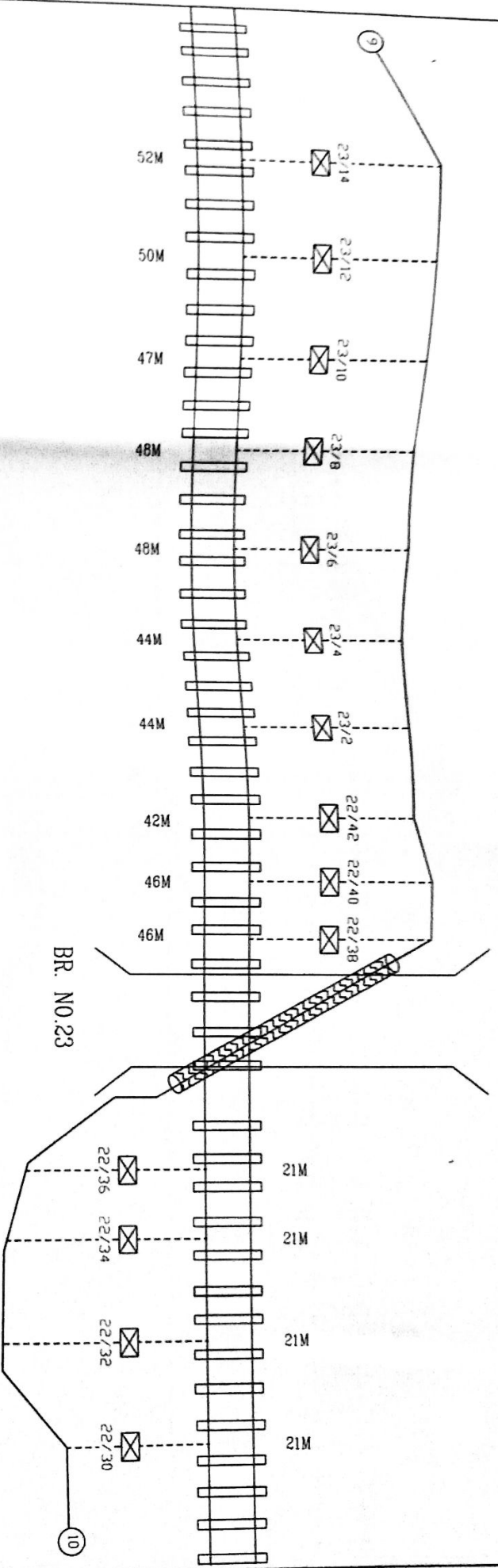
** All distance has been measure from side of Track.
 ** For center of track add 0.83 cm

PREPARED BY		CHECKED		APPROVED		SHEET NO.-08/40	
TNS NETWORKING		EAST CENTRAL RAILWAY		OFC CABLE ROUTE PLAN		SGL-RGL SECTION	
DATE		SIGNED BY		DATE			
F. SINGH		S. K. PATIL		25/6/21			
S. K. PATIL		S. K. PATIL		25/6/21			
S. K. PATIL		S. K. PATIL		25/6/21			

← SUGAULI

OFC CABLE ROUTE PLAN IN SGL-RGH SECTION

→ RAHAUL



LEGENDS

- DISTANCE(MTR.)
- OFC LINK
- TRACK
- DWC PIPE
- GI PIPE
- OFC JOINT
- ELECTRIC POLE

** All distance has been measure from side of Track.
 ** For center of track add 0.83 cm

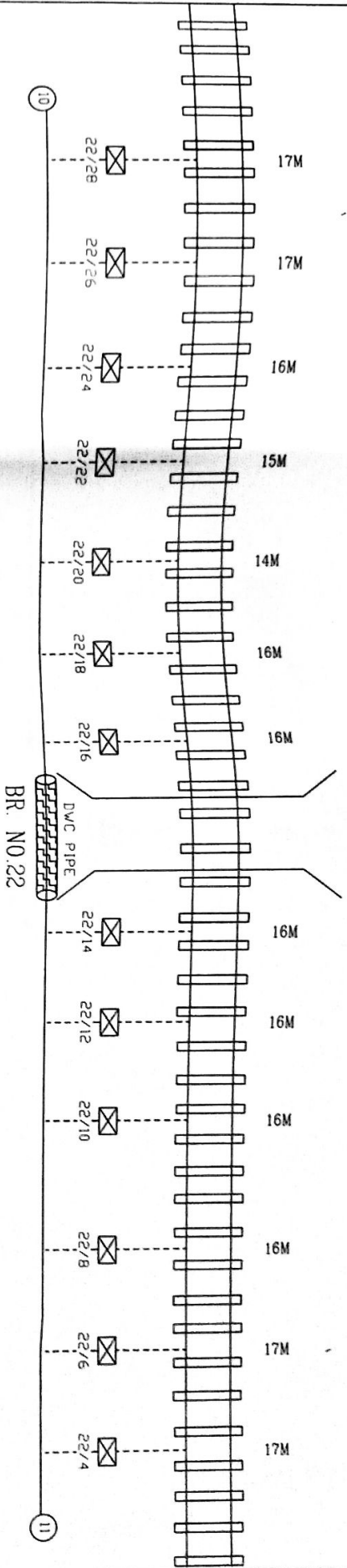
PREPARED BY TNS NETWORKING DRAWN P. BISWAS	CHECKED 25/6/21	APPROVED 25/6/21	OFC CABLE ROUTE PLAN	SGL-RXL SECTION	SHEET NO - 10/40
EAST CENTRAL RAILWAY SAMASTIPUR DIVISION					
SSR/TELE/PROJECT/MFP			ASTE/WORKS/HIP		



OFC CABLE ROUTE PLAN IN SGL-RGH SECTION

SUGAULI ←

→ RAXAUL



LEGENDS

- DISTANCE(MTR.)
- OFC LINK
- ||| TRACK
- ⊗ DWC PIPE
- ⊗ GI PIPE
- ⊗ OFC JOINT
- ⊗ ELECTRIC POLE

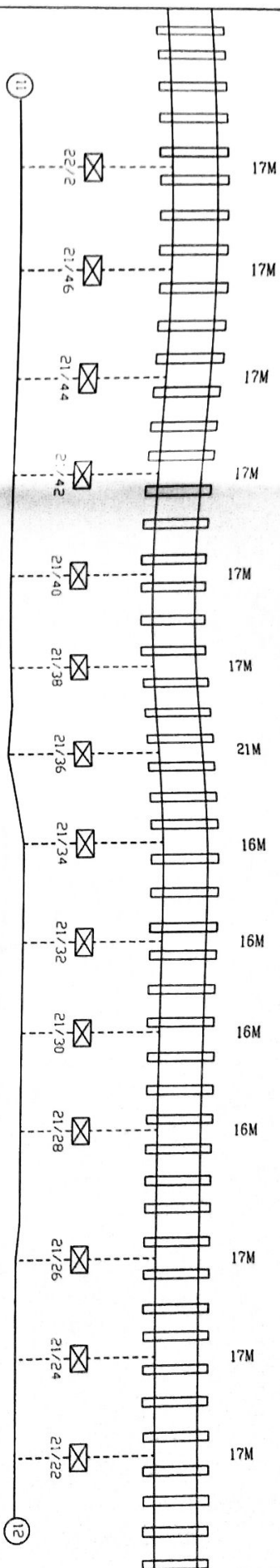
** All distance has been measure from side of Track.
 ** For center of track add 0.83 cm

PREPARED BY	CHECKED	EAST CENTRAL RAILWAY	CHECKED	APPROVED	OFC CABLE ROUTE PLAN	SGL-RXL SECTION	SHEET NO.-11/40
TNS NETWORKING	25/6/21	SAMASTIPUR DIVISION	25/6/21	25/6/21			
DRAWN							
P. BISWAS	BIPUL KR. PATHAK	SSB/TELE/PROJECT/MFP	ASTE/WORKS/HUP				

← SUGAULI

OFC CABLE ROUTE PLAN IN SGL-RGH SECTION

→ RAXAUL



LEGENDS

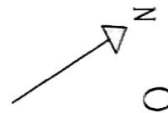
- DISTANCE(MTR.)
- OFC LINK
- ⌋ TRACK
- ⌋ DWG PIPE
- ⌋ GI PIPE
- ⊗ OFC JOINT
- ⊗ ELECTRIC POLE

** All distance has been measure from side of Track.
 ** For center of track add 0.83 cm

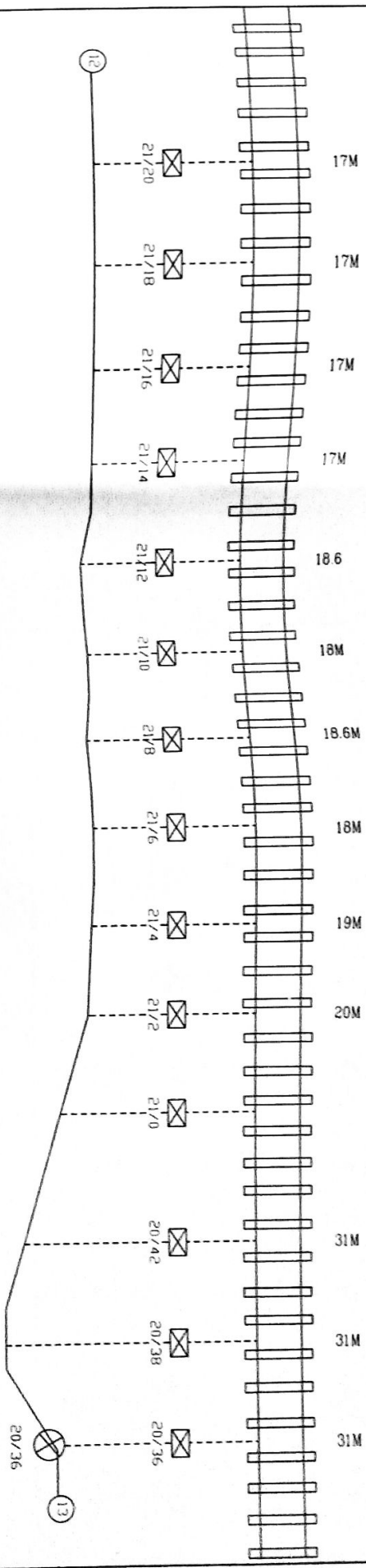
PREPARED BY		CHECKED		APPROVED		SHEET NO.-12/40	
TNS NETWORKING		EAST CENTRAL RAILWAY		25/6/21		OFC CABLE ROUTE PLAN	
DRAWN		SMASTPUR DIVISION		25/6/21		SGL-RXL SECTION	
P. BISWAS		BIPUL KR PATIHA		SSE/TELE/PROJECT/MFP		ASTE/WORKS/HIP	

OFC CABLE ROUTE PLAN IN SGL-RGH SECTION

SUGAULI



RAXAUL



LEGENDS

- DISTANCE(MTR.)
- OFC LINK
- ||| TRACK
- ⊖ DWG PIPE
- ⊖ GI PIPE
- ⊗ OFC JOINT
- ⊗ ELECTRIC POLE

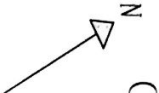
** All distance has been measure from side of Track.
 ** For center of track add 0.83 cm

PREPARED BY TNS NETWORKING DRAWN		CHECKED <i>[Signature]</i> 25/6/21		APPROVED <i>[Signature]</i> 25/6/21		OFC CABLE ROUTE PLAN		SGL-RXL SECTION		SHEET NO.-13/40	
EAST CENTRAL RAILWAY SAMASTIPUR DIVISION		SSE/TELE/PROJECT/MPP		ASTE/WORKS/HUP							
P. BISMA											

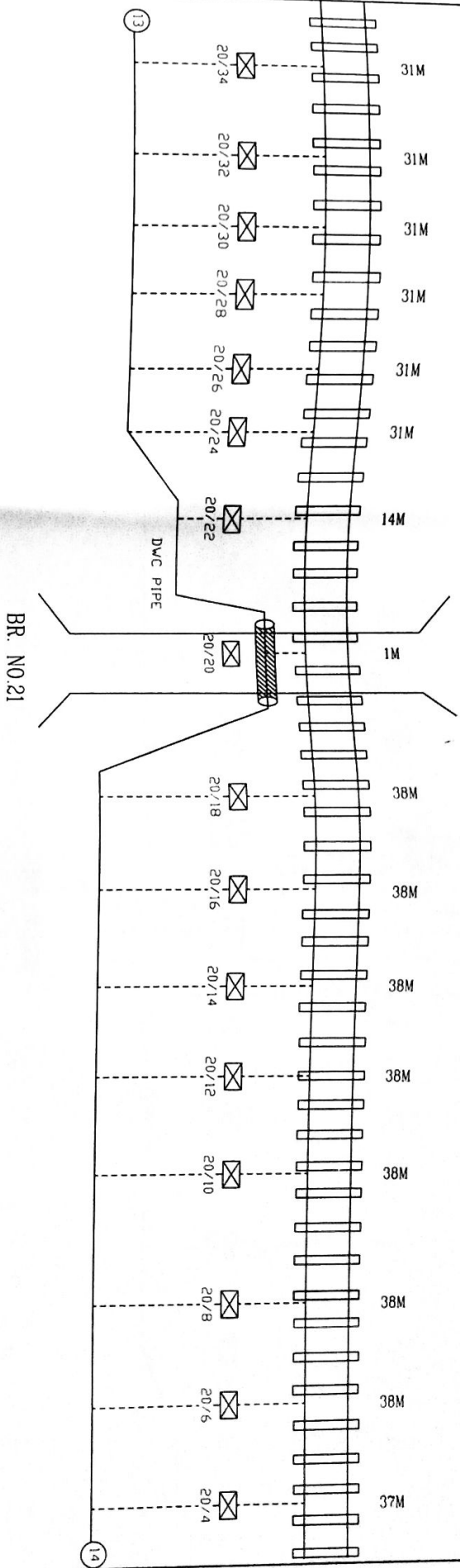


OFC CABLE ROUTE PLAN IN SGL-RGH SECTION

SUGAULI



RAXAUL



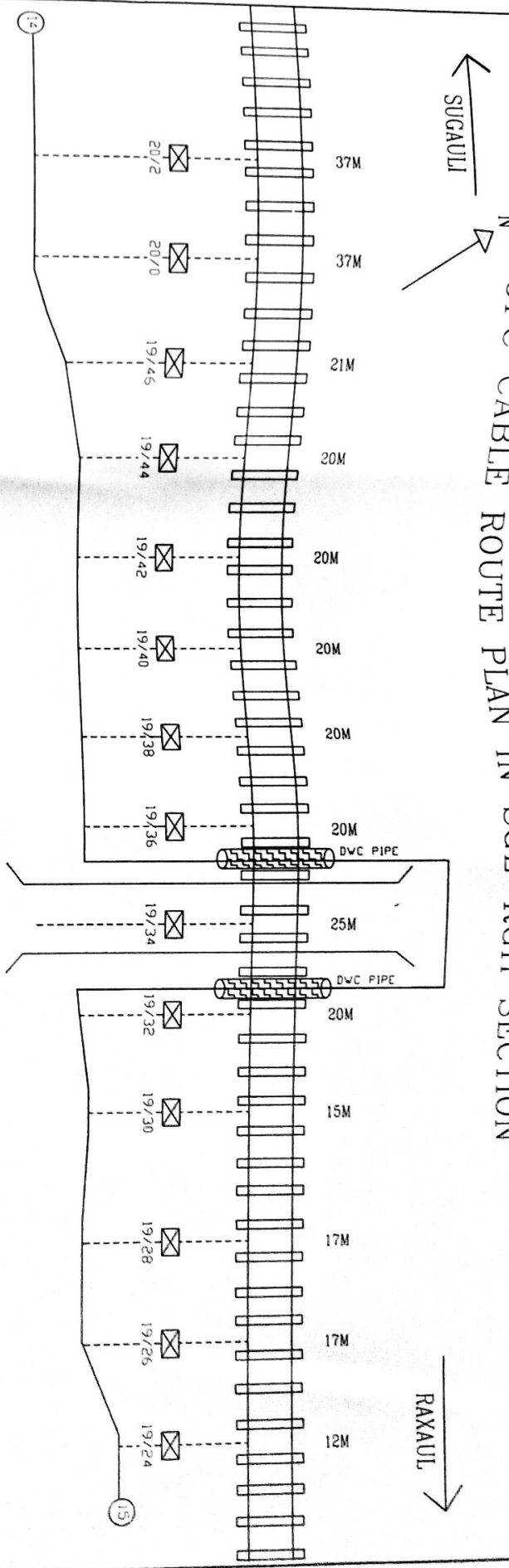
LEGENDS

- DISTANCE(MTR.)
- OFC LINK
- TRACK
- DWC PIPE
- GI PIPE
- OFC JOINT
- ELECTRIC POLE

** All distance has been measure from side of Track.
 ** For center of track add 0.83 cm

PREPARED BY		CHECKED		APPROVED		SHEET NO - 14/40	
TNS NETWORKING		EAST CENTRAL RAILWAY		OFC CABLE ROUTE PLAN		SGL-RXL SECTION	
DRAWN		SMASTIPUR DIVISION		ASTE/WORKS/HIP			
P. BISWAS		SSE/TELE/PROJECT/MFP					

OFC CABLE ROUTE PLAN IN SGL-RGH SECTION



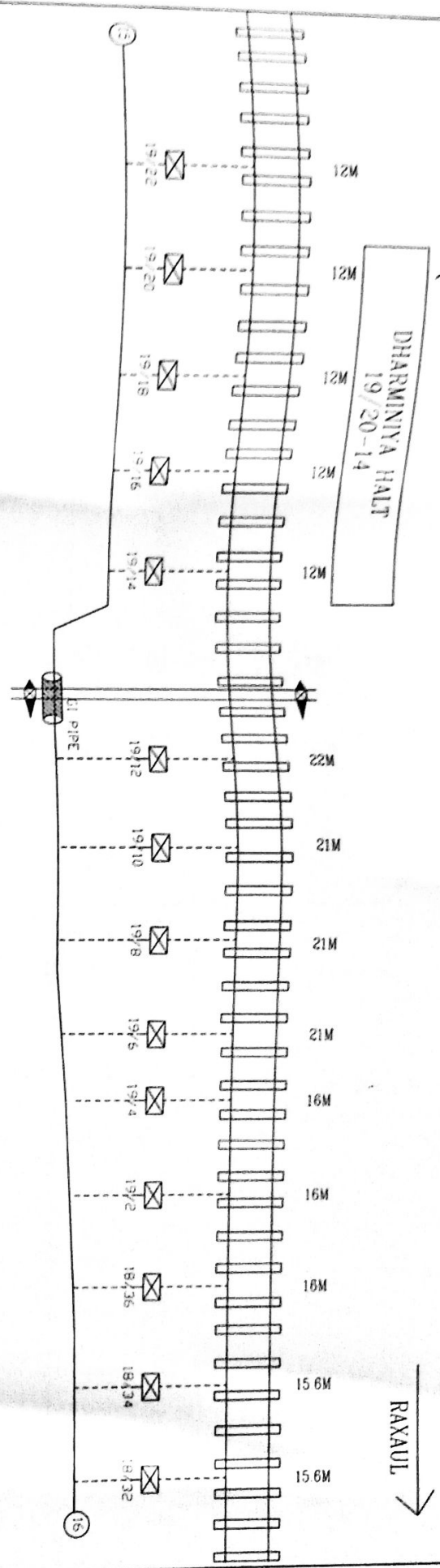
LEGENDS

- DISTANCE(MTR.)
- OFC LINK
- || TRACK
- ▬ DWC PIPE
- ▬ GI PIPE
- ⊗ OFC JOINT
- ⊠ ELECTRIC POLE

** All distance has been measure from side of Track.
 ** For center of track add 0.83 cm

PREPARED BY		CHECKED		APPROVED		OFC CABLE ROUTE PLAN		SGL-RXL SECTION		SHEET NO. - 13/40	
TNS NETWORKING		EAST CENTRAL RAILWAY		25/6/24							
DRAWN		SMASTIPUR DIVISION		25/6/24							
P BISWAS		BIPUL KR PATHAK		SSE/TELE/PROJECT/MFP		ASTE/WORKS/HIP					

N OFC CABLE ROUTE PLAN IN SGL-RGH SECTION SAGAU



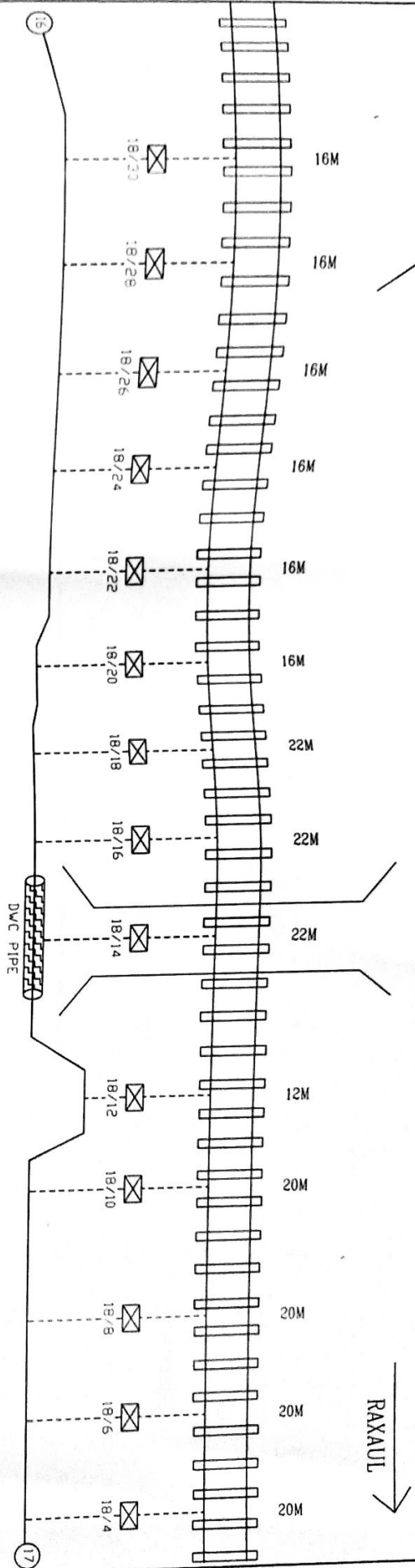
LEGENDS

- DISTANCE(MTR.)
- OFC LINK
- TRACK
- DWC PIPE
- GI PIPE
- ⊗ OFC JOINT
- ⊗ ELECTRIC POLE

** All distance has been measure from side of Track.
 ** For center of track add 0.83 cm

PREPARED BY TNS NEW DELHI DRAWN P. BISHT	CHECKED 10/10/19	APPROVED 25/10/19	SHEET NO - 16/40	
EAST CENTRAL RAILWAY SABASTIAN DIVISION		OFC CABLE ROUTE PLAN SGL-RGL SECTION		

OFC CABLE ROUTE PLAN IN SGL-RGH SECTION

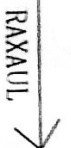


BR. NO.18

LEGENDS	
	DISTANCE(MTR.)
	OFC LINK
	TRACK
	DWC PIPE
	GI PIPE
	OFC JOINT
	ELECTRIC POLE

** All distance has been measure from side of Track.
 ** For center of track add 0.83 cm

PREPARED BY TNS NETWORKING	CHECKED P. S. S. S. S.	APPROVED P. S. S. S. S.	SHEET NO - 17/10
DRAWN P. S. S. S. S.	EAST CENTRAL RAILWAY SANDHURST DIVISION	ASTE/WORKS/HUP	OFC CABLE ROUTE PLAN SECTION
P. S. S. S. S.	SE/TELE/PROJECT/MFP		



- ## LEGENDS

OFC LINK

TRACK

DWC PIPE

GI PIPE

OFC JOINT

ELECTRIC POLE

TNS NETWORKING

1870-1871

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P. B. AS. BILL

CHECKED

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/TPLE/Dob

Case / PRG

APPROVED

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DATE: _____

OPC CABLE ROUTE PLAN

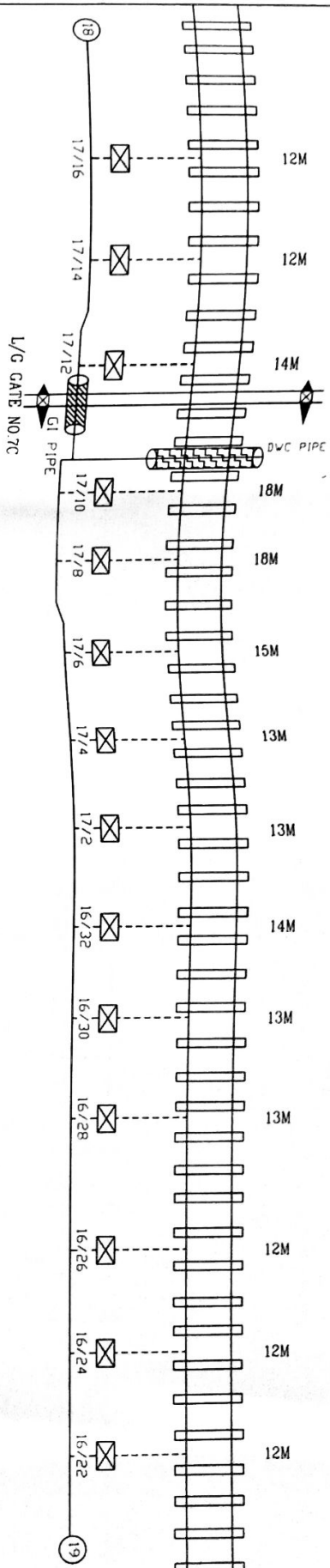
04/01-05 133HS

OFC CABLE ROUTE PLAN IN SGL-RGH SECTION

SUGAULI

N

RAXAUL



LEGENDS

DISTANCE(MTR.)

OFC LINK

TRACK

DWG PIPE

GI PIPE

OFC JOINT

ELECTRIC POLE

** All distance has been measure from side of Track.
 ** For center of track add 0.83 cm

PREPARED BY

TNS NETWORKING SOLUTIONS

EAST CENTRAL RAILWAY

CHECKED

APPROVED

DR. N. K. SINGH

SANJIV K. SINGH

18/12/21

20/12/21

OFC CABLE ROUTE PLAN

SGL-RXL SECTION

SHEET NO - 19/40

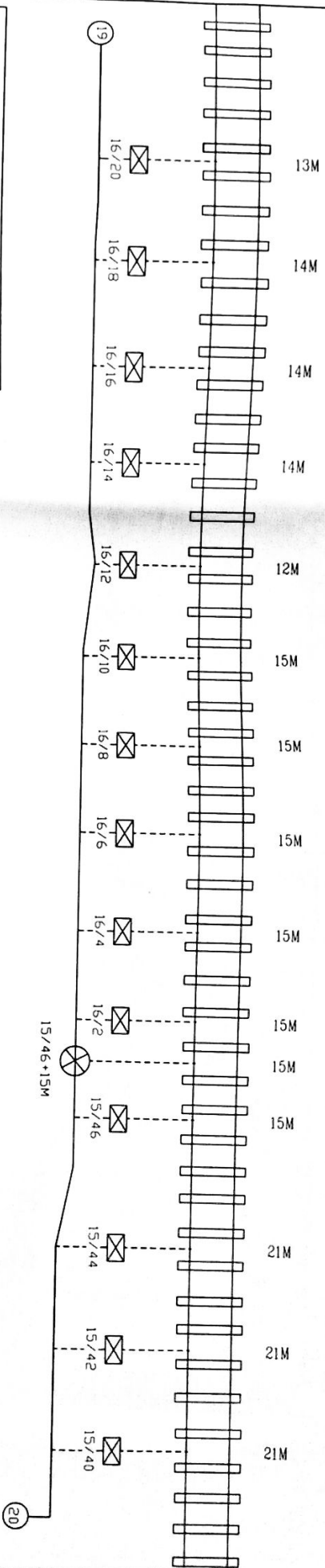
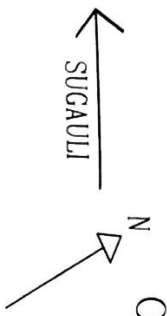
P. B. SINGH

SSE/TELE/PROJECT/MFP

ASTE/WORKS/MFP



OFC CABLE ROUTE PLAN IN SGL-RGH SECTION



LEGENDS

DISTANCE(MTR.)

OFC LINK

TRACK

DWC PIPE

GI PIPE

OFC JOINT

ELECTRIC POLE

.. All distance has been measure from side of Track.
 .. For center of track add 0.83 cm

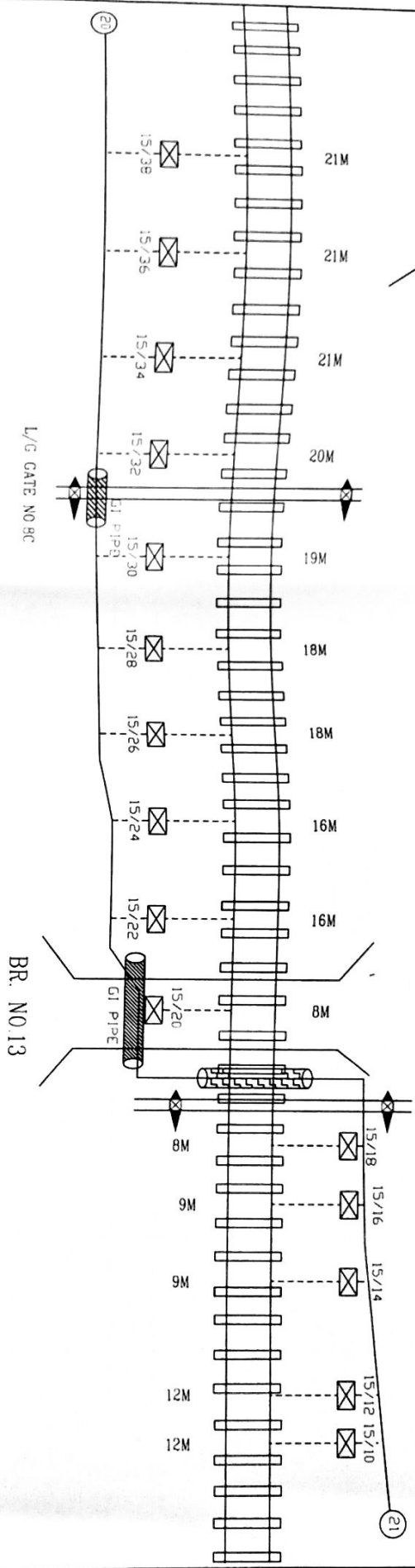
PREPARED BY TNS NETWORKING DRAWN P. BISWAS 11/11/17	CHECKED EAST CENTRAL RAILWAY SAMASTPUR DIVISION SSG/TELE/PROJECT WFT 25/12/17	APPROVED SGL-RNI SECTION SHEET NO-20/40
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OFC CABLE ROUTE PLAN IN SGL-RGH SECTION

SUGAULI ← N

→ RAXAUL



LEGENDS

- DISTANCE(MTR.)
- OFC LINK
- ||| TRACK
- DWG PIPE
- ▨ GI PIPE
- ⊗ OFC JOINT
- ⊗ ELECTRIC POLE

.. All distance has been measure from side of Track.
 .. For center of track add 0.83 cm.

PREPARED BY: TNS NETS NETWORKING SOLUTIONS PVT. LTD. (New Delhi)

CHECKED: 25/6/21

APPROVED: 25/6/21

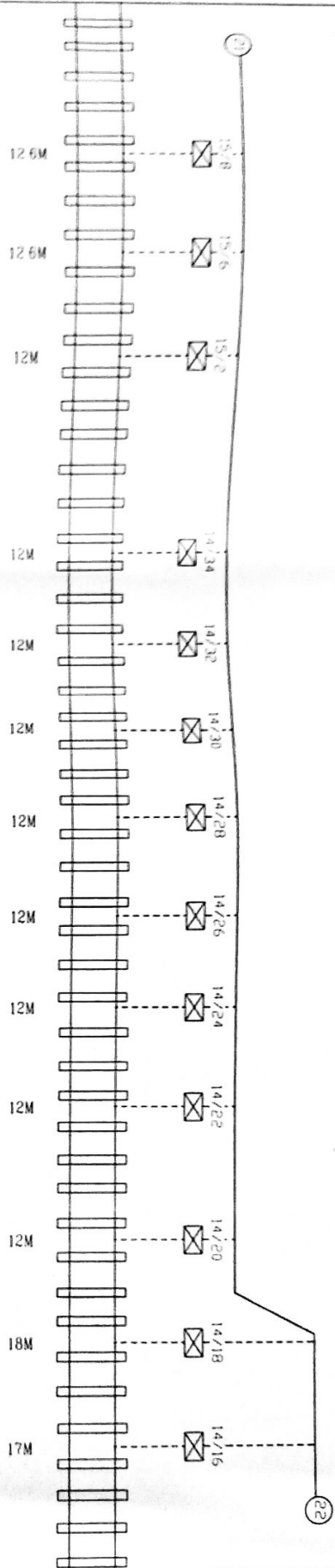
PROJECT: SGL-RGH SECTION

SHEET NO - 21/40

← SUGAUL

OFC CABLE ROUTE PLAN IN SGL-RGH SECTION

→ RAXAUL



LEGENDS

- DISTANCE(MTR.)
- OFC LINK
- ||| TRACK
- ||||| DWG PIPE
- ||||| GI PIPE
- ⊗ OFC JOINT
- ⊗ ELECTRIC POLE

.. All distance has been measure from side of Track
 .. For center of track add 0.83 m

PREPARED BY
 TNS MEMPHIS

CHECKED BY
 SUGAUL

DATE
 25/6/21

APPROVED
 25/6/21

OFC CABLE ROUTE PLAN

SGL-FNL SECTION

SHEET NO - 22/40