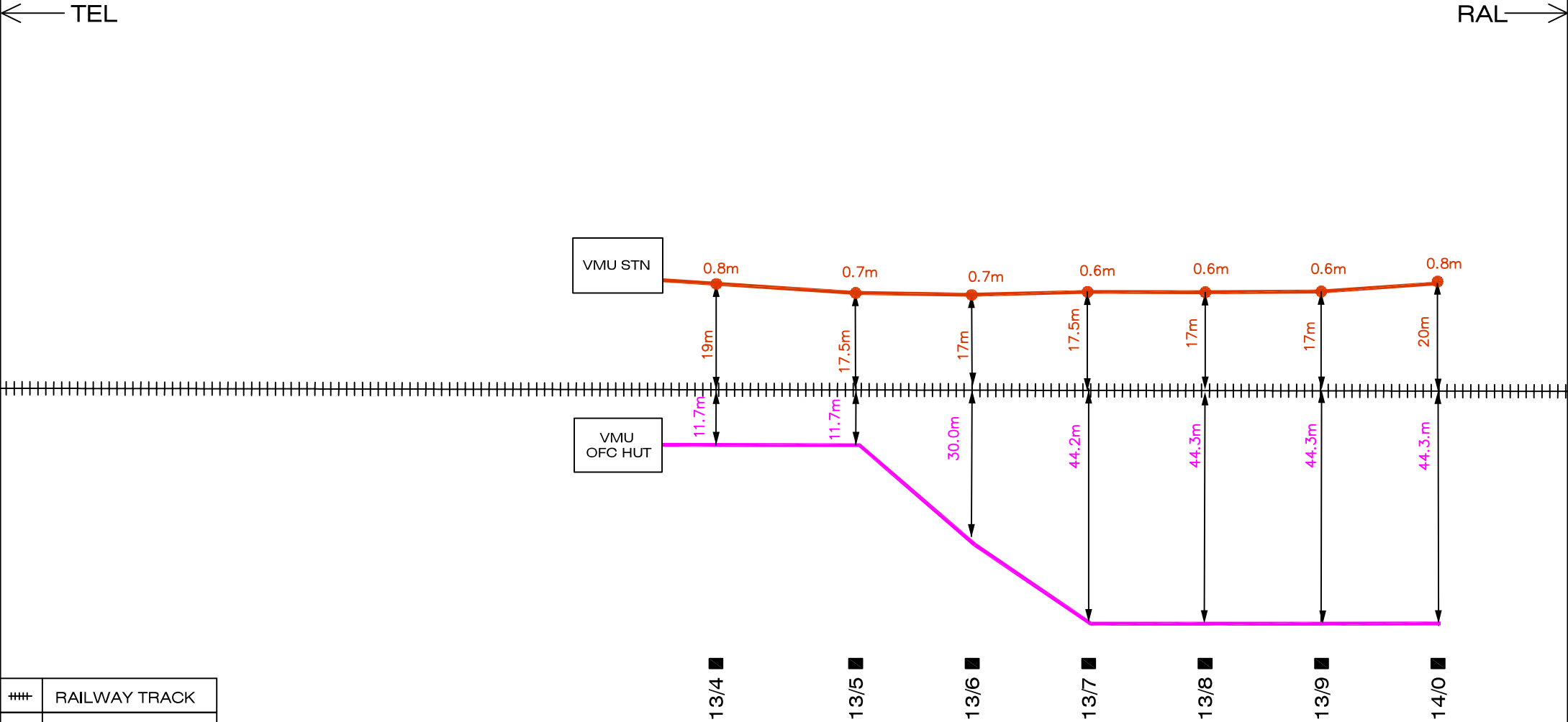
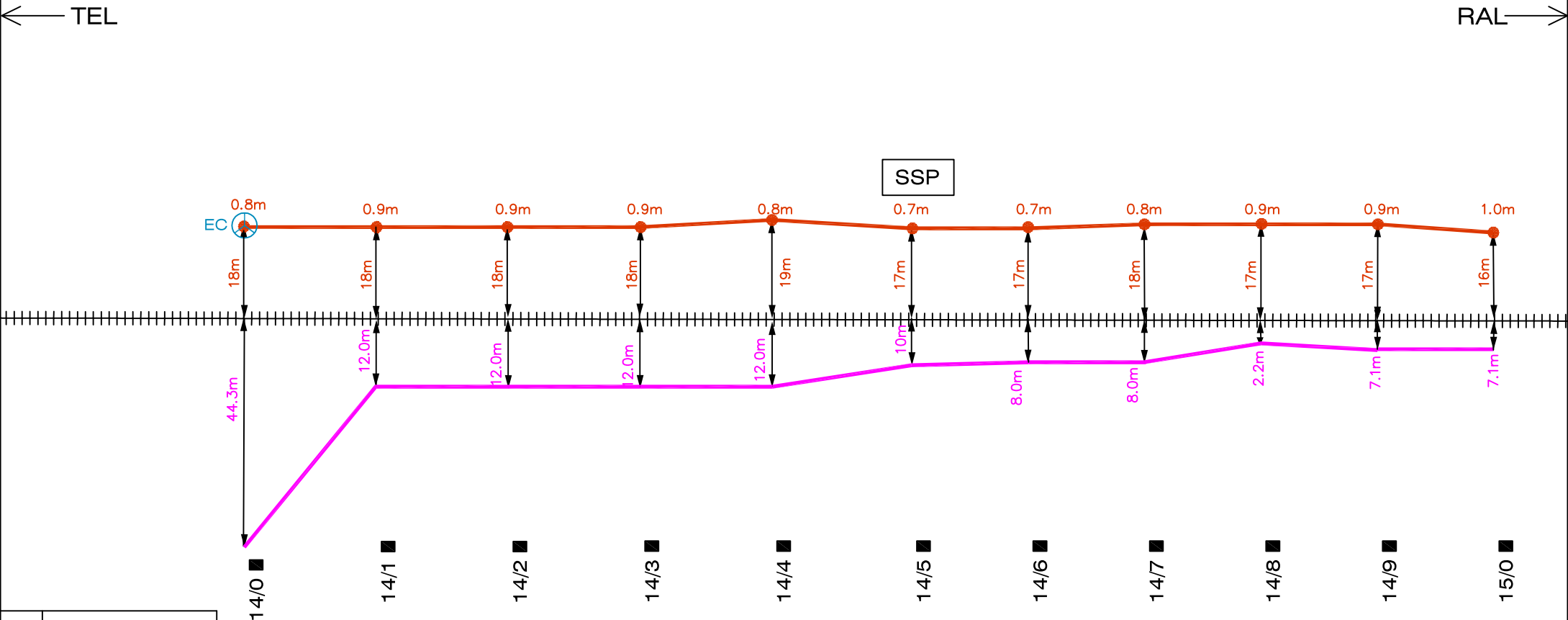


VEMURU - REPALLI
6 QUAD, OFC & SIGNAL CABLE PATH



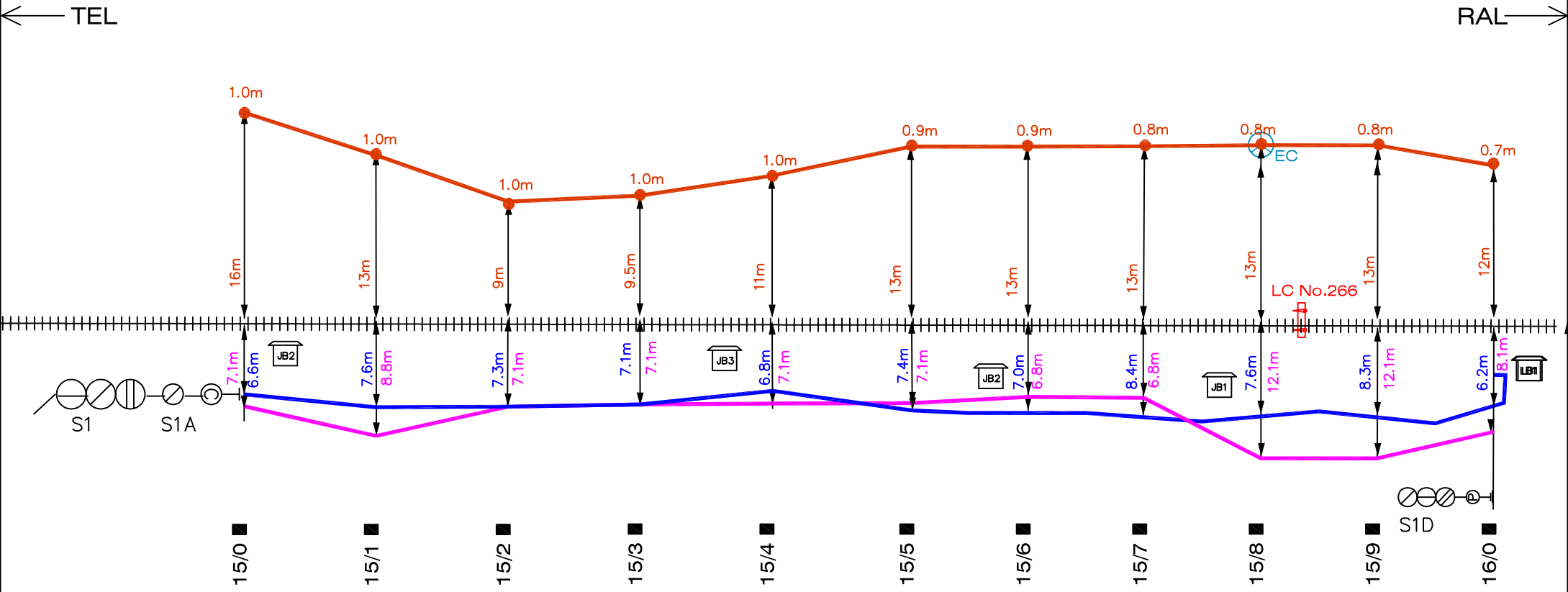
+++	RAILWAY TRACK
—	6 QUAD CABLE
—	OFC CABLE
—	SIGNAL CABLE
⊙	NORMAL/ DERIVATION JOINT
≡	BRIDGE/CULVERT
⊙	EC POST
⊞	L.C.GATE

VEMURU - REPALLI
6 QUAD, OFC & SIGNAL CABLE PATH



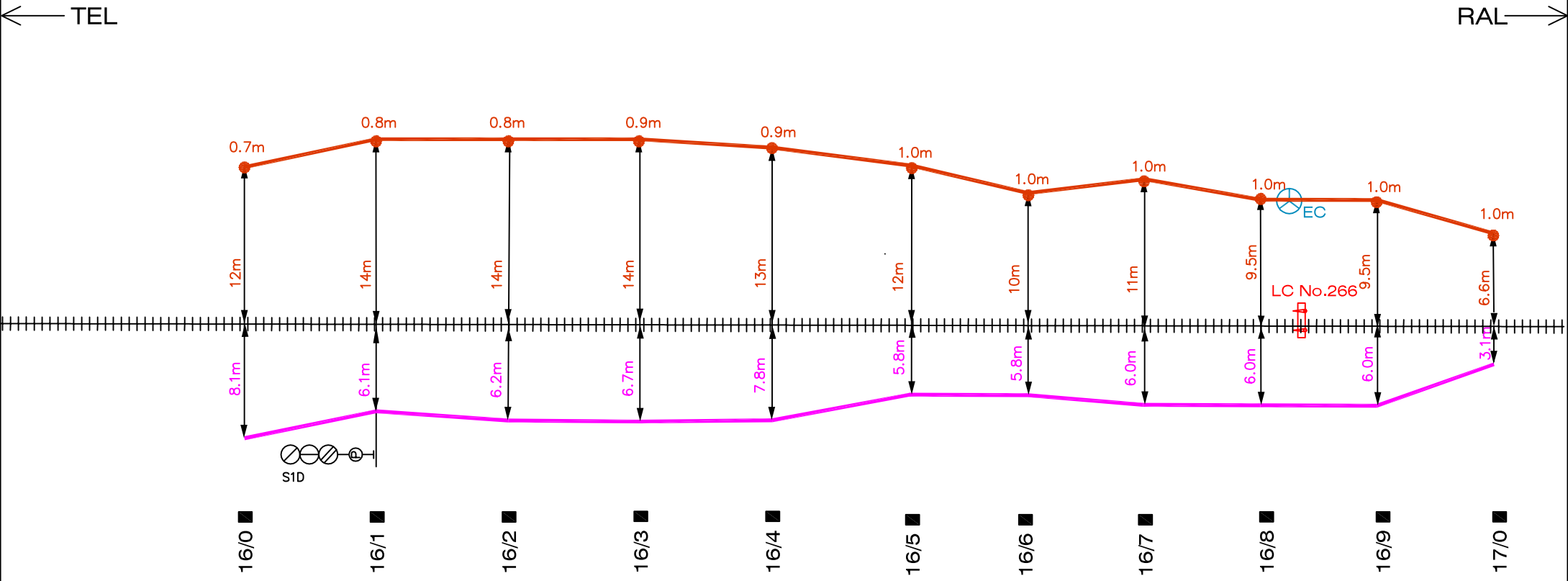
###	RAILWAY TRACK
	6 QUAD CABLE
	OFC CABLE
	SIGNAL CABLE
	NORMAL/ DERIVATION JOINT
	BRIDGE/CULVERT
	EC POST
	L.C.GATE

VEMURU - REPALLI
6 QUAD, OFC & SIGNAL CABLE PATH

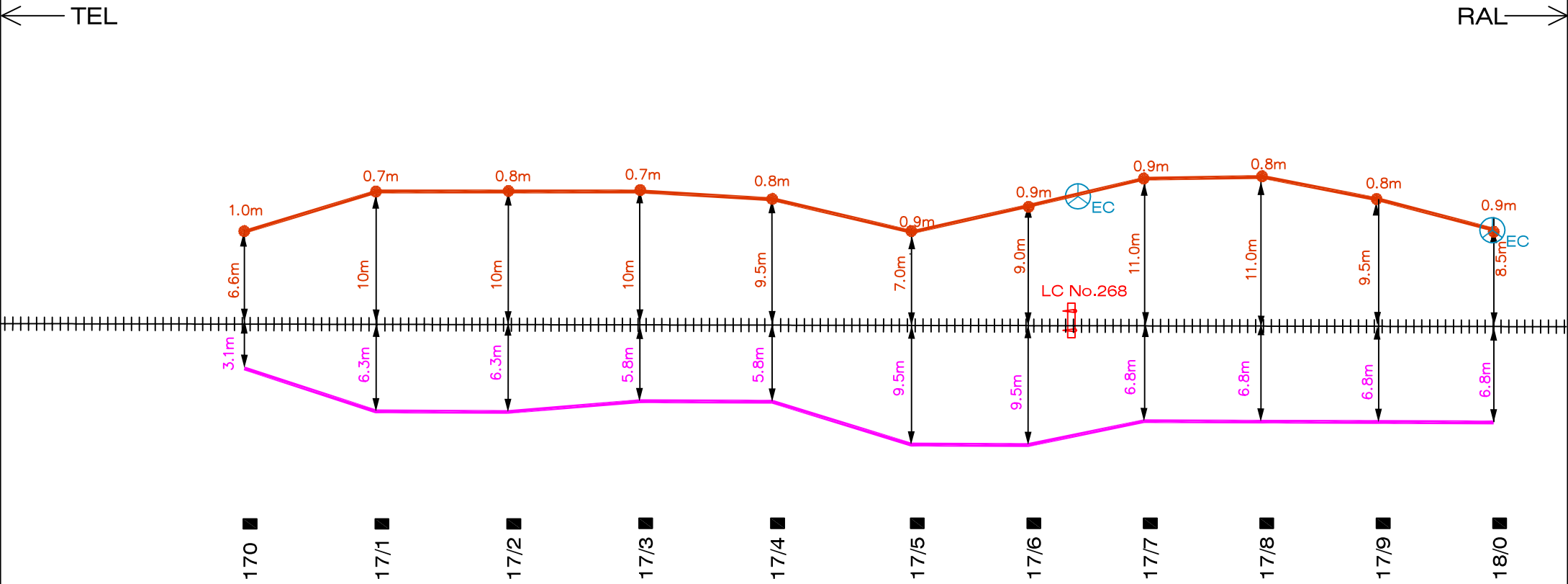


⦶	RAILWAY TRACK
—	6 QUAD CABLE
—	OFC CABLE
—	SIGNAL CABLE
⊙	NORMAL/ DERIVATION JOINT
⦶	BRIDGE/CULVERT
⊙	EC POST
⦶	L.C.GATE

VEMURU - REPALLI
6 QUAD, OFC & SIGNAL CABLE PATH

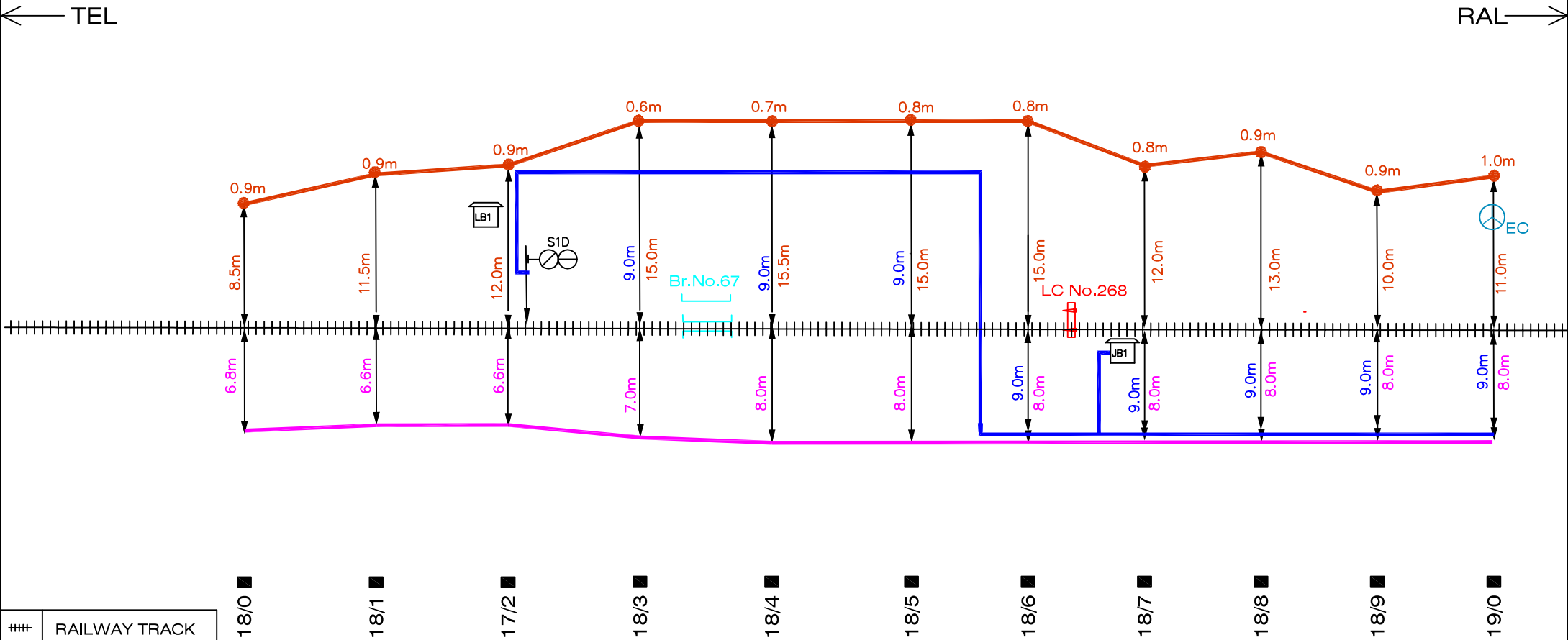


VEMURU - REPALLI
6 QUAD, OFC & SIGNAL CABLE PATH



⦶	RAILWAY TRACK
—	6 QUAD CABLE
—	OFC CABLE
—	SIGNAL CABLE
⊙	NORMAL/ DERIVATION JOINT
⦶	BRIDGE/CULVERT
⊙	EC POST
⦶	L.C.GATE

VEMURU - REPALLI
6 QUAD, OFC & SIGNAL CABLE PATH



##	RAILWAY TRACK
	6 QUAD CABLE
	OFC CABLE
	SIGNAL CABLE
	NORMAL/ DERIVATION JOINT
	BRIDGE/CULVERT
	EC POST
	L.C.GATE

VEMURU - REPALLI

6 QUAD, OFC & SIGNAL CABLE PATH

← TEL
→ RAL

The diagram illustrates the vertical clearance and horizontal layout of three cable types across ten railway track sections (19/0 to 20/0). The 6 Quad cable (orange) is positioned highest, followed by the OFC cable (magenta) and the Signal cable (blue). Vertical dimensions indicate clearances from the track level and between cables. Key features include Normal/Derivation Joints (S1, S4), EC Posts (EC), Bridge/Culverts (JB2, JB3), and an L.C. Gate (No. 270). The Signal cable path includes a route (R/R) and various loops and drops.

###	RAILWAY TRACK
—	6 QUAD CABLE
—	OFC CABLE
—	SIGNAL CABLE
	NORMAL/ DERIVATION JOINT
	BRIDGE/CULVERT
	EC POST
	L.C.GATE

SHEET 7 OF 21

VMU - RAL SECTION

VMU - RAL SECTION

	RAILWAY TRACK
	6 QUAD CABLE
	OFC CABLE
	SIGNAL CABLE
	NORMAL/ DERIVATION JOINT
	BRIDGE/CULVERT
	EC POST
	L.C.GATE

VEMURU - REPALLI

6 QUAD, OFC & SIGNAL CABLE PATH

Legend:

- ### RAILWAY TRACK
- 6 QUAD CABLE
- OFC CABLE
- SIGNAL CABLE
- NORMAL/DERIVATION JOINT
- BRIDGE/CULVERT
- EC POST
- L.C.GATE

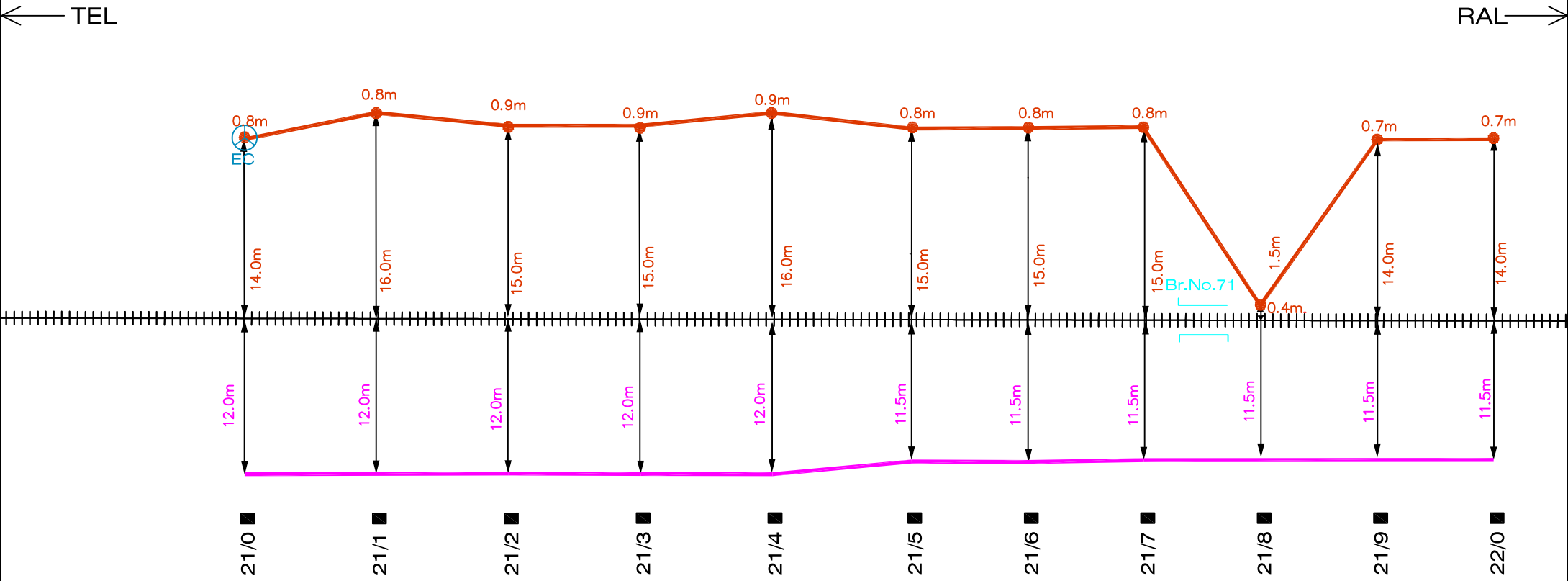
Diagram Details:

- Tracks:** 20/0, 20/1, 20/2, 20/3, 20/4, 20/5, 20/6, 20/7, 20/8, 20/9, 21/0
- 6 Quad Cable Path (Orange):**
 - Height above track 20/0: 9.0m
 - Height above track 20/1: 10.0m
 - Height above track 20/2: 10.0m
 - Height above track 20/3: 11.0m
 - Height above track 20/4: 12.0m
 - Height above track 20/5: 11.5m
 - Height above track 20/6: 11.5m
 - Height above track 20/7: 12.0m
 - Height above track 20/8: 12.0m
 - Height above track 20/9: 12.5m
 - Height above track 21/0: 14.0m
- OFC Cable Path (Magenta):**
 - Height above track 20/0: 10.0m
 - Height above track 20/1: 10.0m
 - Height above track 20/2: 10.1m
 - Height above track 20/3: 11.0m
 - Height above track 20/4: 11.1m
 - Height above track 20/5: 11.1m
 - Height above track 20/6: 11.1m
 - Height above track 20/7: 11.1m
 - Height above track 20/8: 11.1m
 - Height above track 20/9: 11.1m
 - Height above track 21/0: 12.0m
- Signal Cable Path (Blue):**
 - Height above track 20/0: 7.0m
 - Height above track 20/1: 7.0m
 - Height above track 20/2: 7.0m
 - Height above track 20/3: 7.0m
 - Height above track 20/4: 7.0m
 - Height above track 20/5: 7.0m
 - Height above track 20/6: 10.5m
 - Height above track 20/7: 11.1m
 - Height above track 20/8: 11.1m
 - Height above track 20/9: 11.1m
 - Height above track 21/0: 12.0m
- Other Features:**
 - EC POST at track 20/0 and 21/0.
 - JB4 and LB4 structures between tracks 20/4 and 20/5.
 - S4D structure between tracks 20/5 and 20/6.

VMU - RAL SECTION

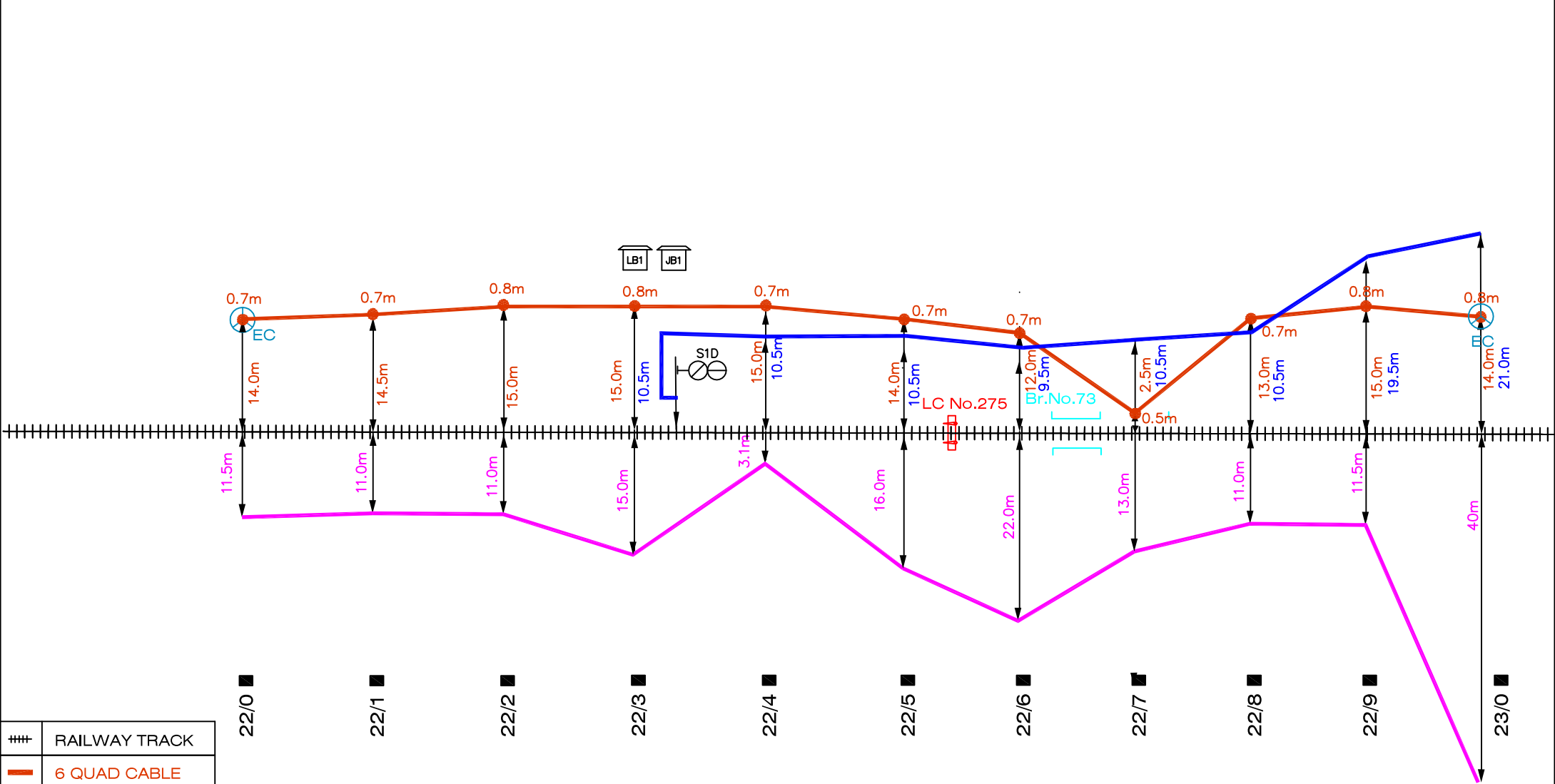
VMU - RAL SECTION

VEMURU - REPALLI
6 QUAD, OFC & SIGNAL CABLE PATH



##	RAILWAY TRACK
	6 QUAD CABLE
	OFC CABLE
	SIGNAL CABLE
	NORMAL/ DERIVATION JOINT
	BRIDGE/CULVERT
	EC POST
	L.C.GATE

VEMURU - REPALLI
6 QUAD, OFC & SIGNAL CABLE PATH

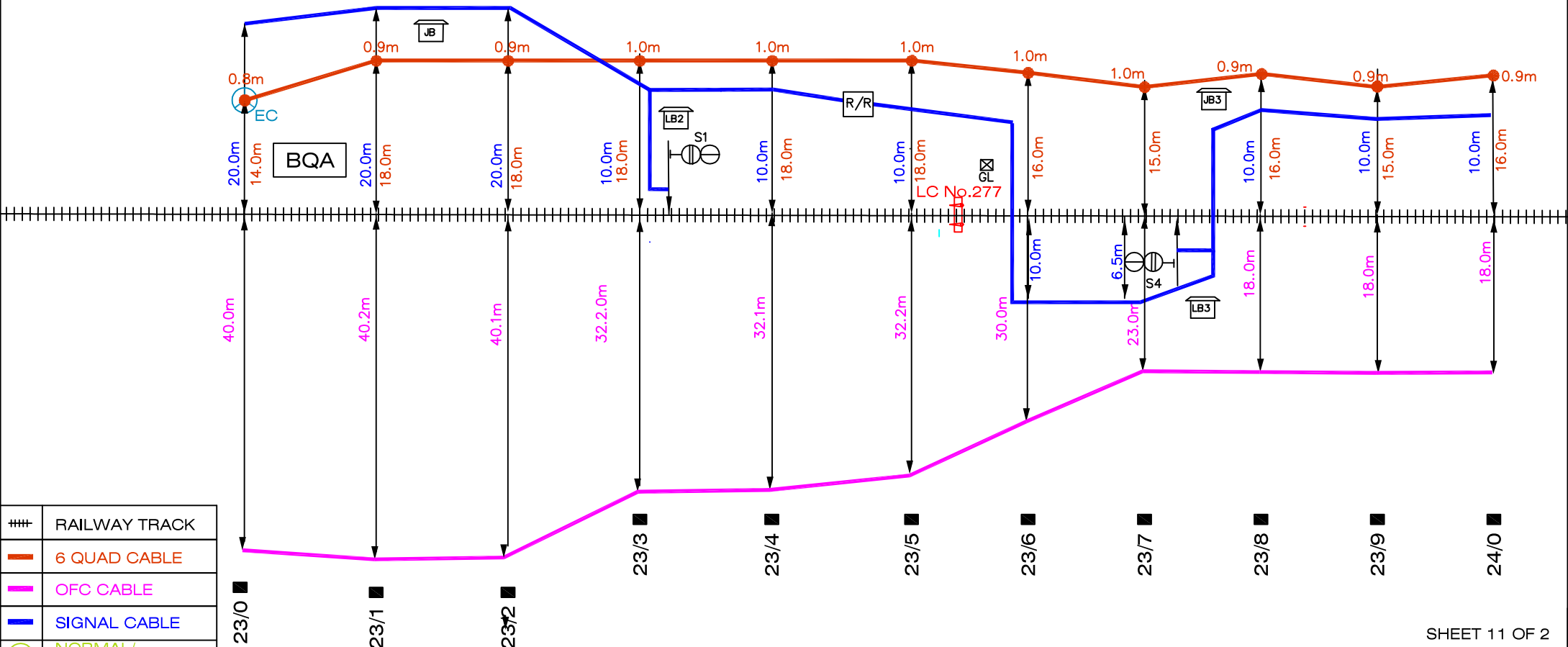


	RAILWAY TRACK
	6 QUAD CABLE
	OFC CABLE
	SIGNAL CABLE
	NORMAL/ DERIVATION JOINT
	BRIDGE/CULVERT
	EC POST
	L.C.GATE

VEMURU - REPALLI

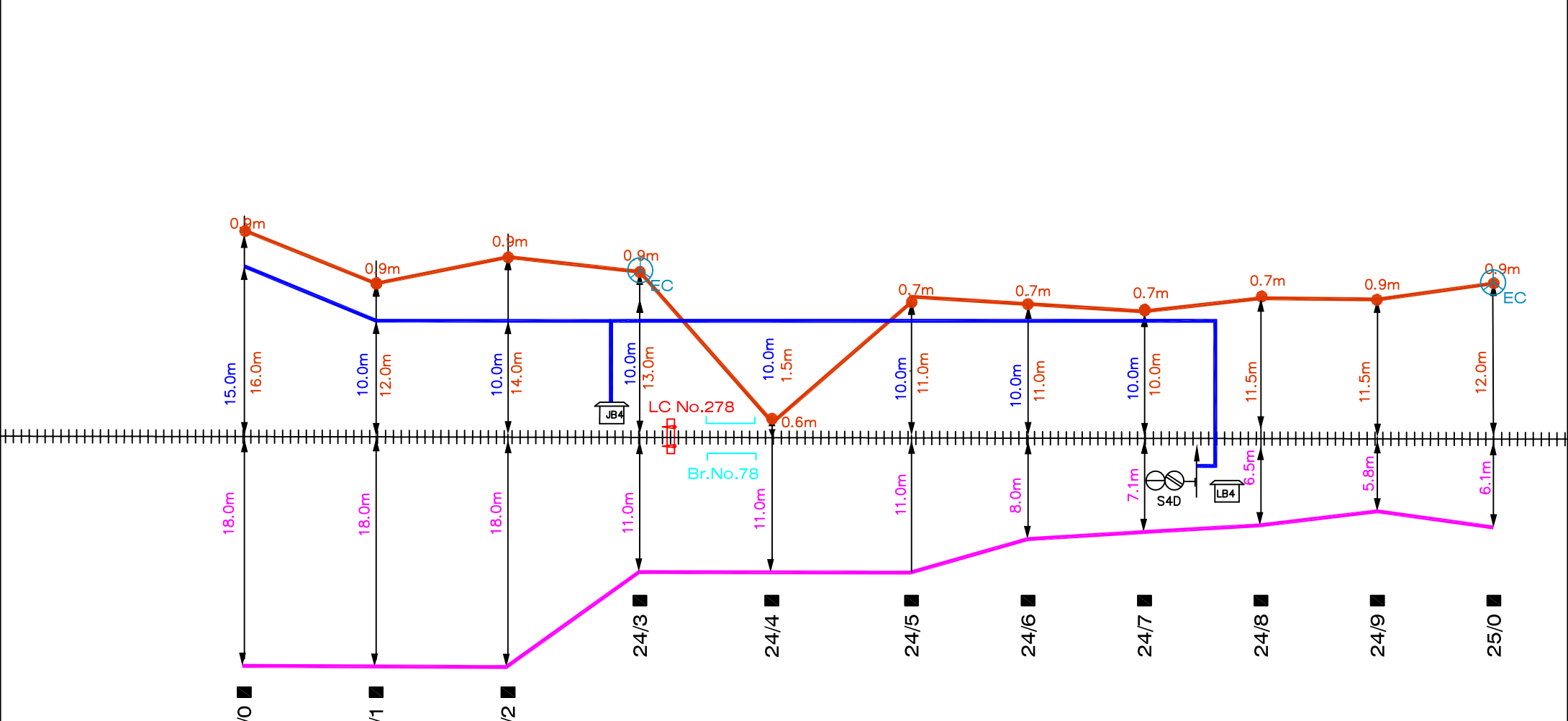
6 QUAD, OFC & SIGNAL CABLE PATH

← TEL
RAL →



##	RAILWAY TRACK
	6 QUAD CABLE
	OFC CABLE
	SIGNAL CABLE
	NORMAL/DERIVATION JOINT
	BRIDGE/CULVERT
	EC POST
	L.C.GATE

VEMURU - REPALLI
6 QUAD, OFC & SIGNAL CABLE PATH



	RAILWAY TRACK
	6 QUAD CABLE
	OFC CABLE
	SIGNAL CABLE
	NORMAL/ DERIVATION JOINT
	BRIDGE/CULVERT
	EC POST
	L.C.GATE

VEMURU - REPALLI

6 QUAD, OFC & SIGNAL CABLE PATH

← TEL
RAL →

##	RAILWAY TRACK
25/0	■
25/1	■
25/2	■
25/3	■
25/4	■
25/5	■
25/6	■
25/7	■
25/8	■
25/9	■
26/0	■

	6 QUAD CABLE
	OFC CABLE
	SIGNAL CABLE
	NORMAL/ DERIVATION JOINT
	BRIDGE/CULVERT
	EC POST
	L.C.GATE

SHEET 13 OF 2

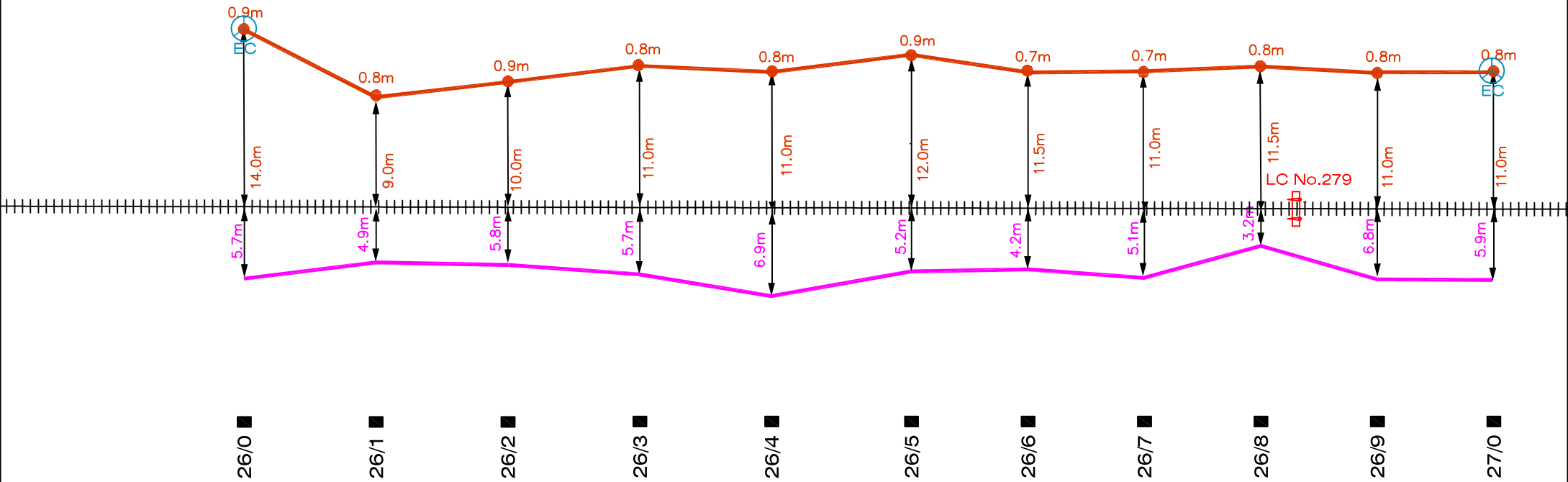
VMU - RAL SECTION

VMU - RAL SECTION

VMU - RAL SECTION

VEMURU - REPALLI
6 QUAD, OFC & SIGNAL CABLE PATH

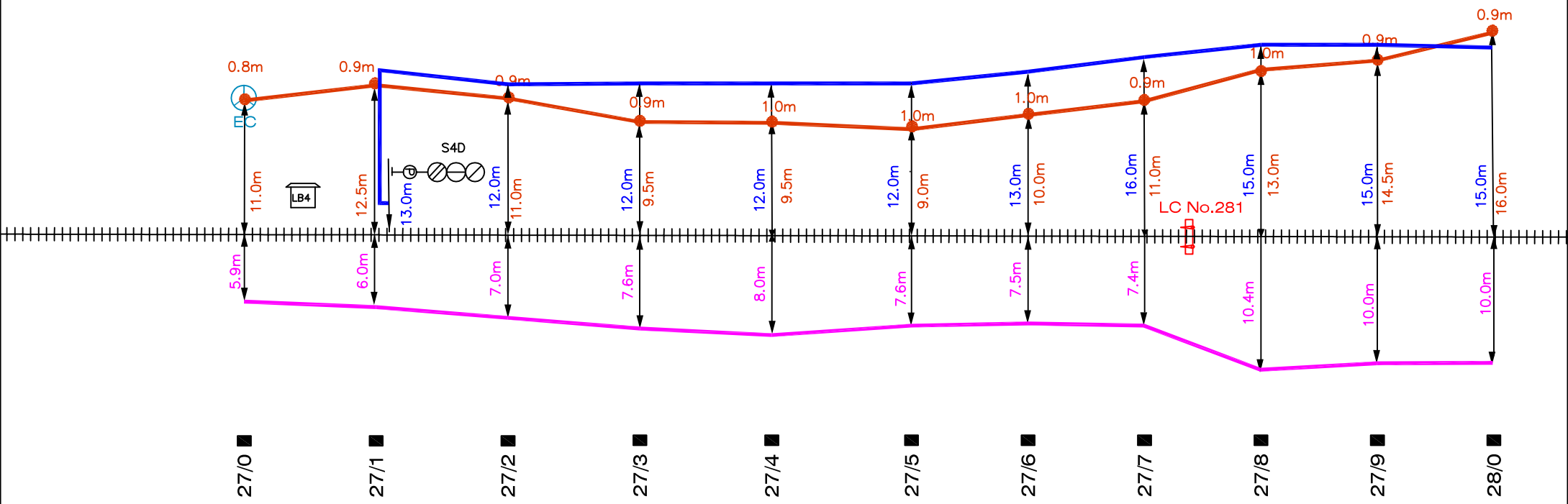
RAL →



	RAILWAY TRACK
	6 QUAD CABLE
	OFC CABLE
	SIGNAL CABLE
	NORMAL/ DERIVATION JOINT
	BRIDGE/CULVERT
	EC POST
	L.C.GATE

VEMURU - REPALLI
6 QUAD, OFC & SIGNAL CABLE PATH

← TEL → RAL →

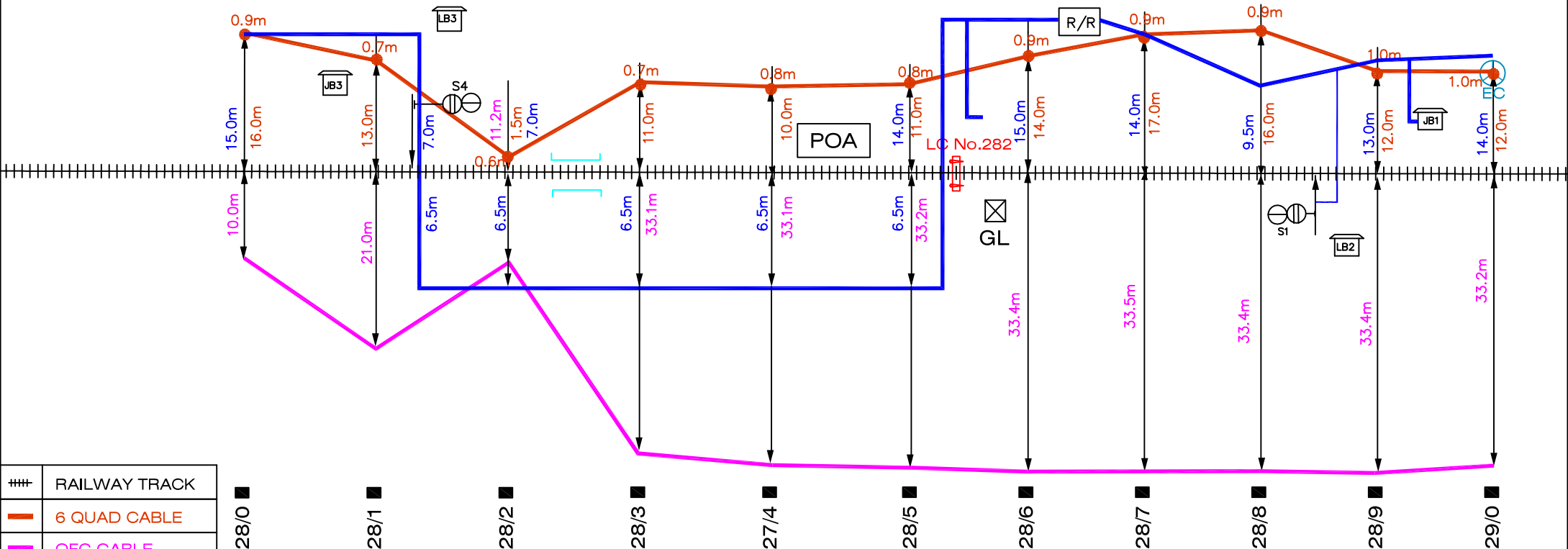


##	RAILWAY TRACK
	6 QUAD CABLE
	OFC CABLE
	SIGNAL CABLE
	NORMAL/ DERIVATION JOINT
	BRIDGE/CULVERT
	EC POST
	L.C.GATE

VMU - RAL SECTION

VEMURU - REPALLI
6 QUAD, OFC & SIGNAL CABLE PATH

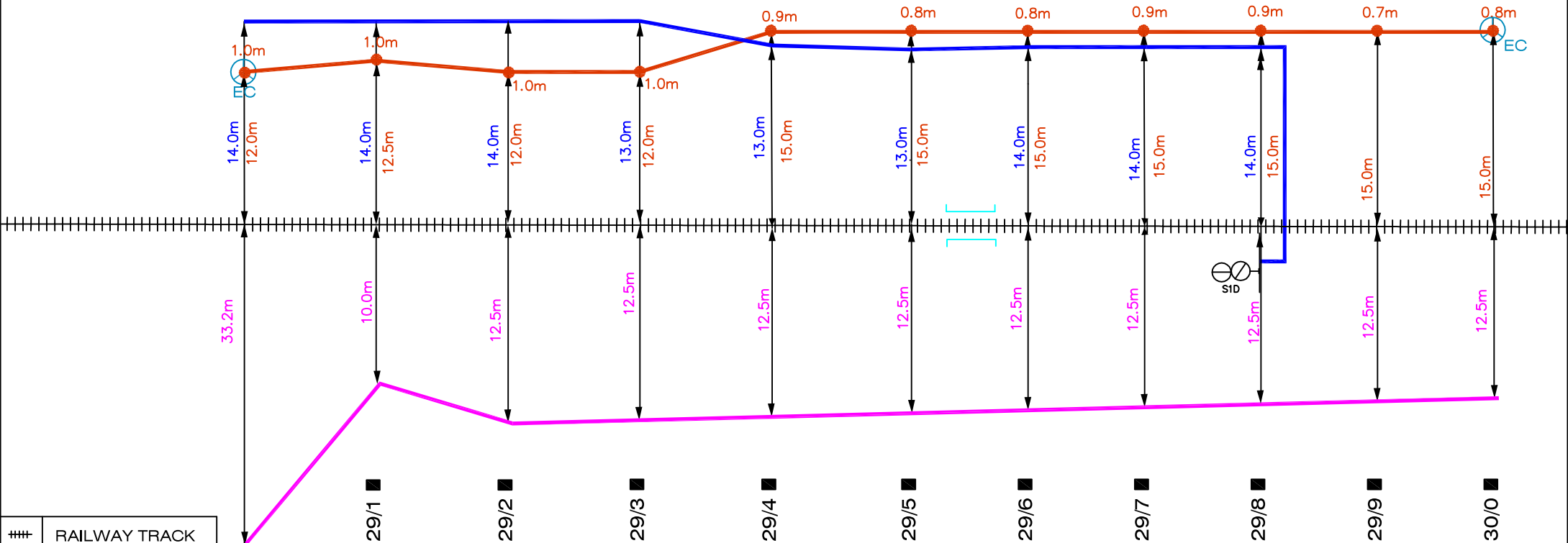
← TEL → RAL →



##	RAILWAY TRACK
	6 QUAD CABLE
	OFC CABLE
	SIGNAL CABLE
	NORMAL/ DERIVATION JOINT
	BRIDGE/CULVERT
	EC POST
	L.C.GATE

VEMURU - REPALLI
6 QUAD, OFC & SIGNAL CABLE PATH

← TEL RAL →

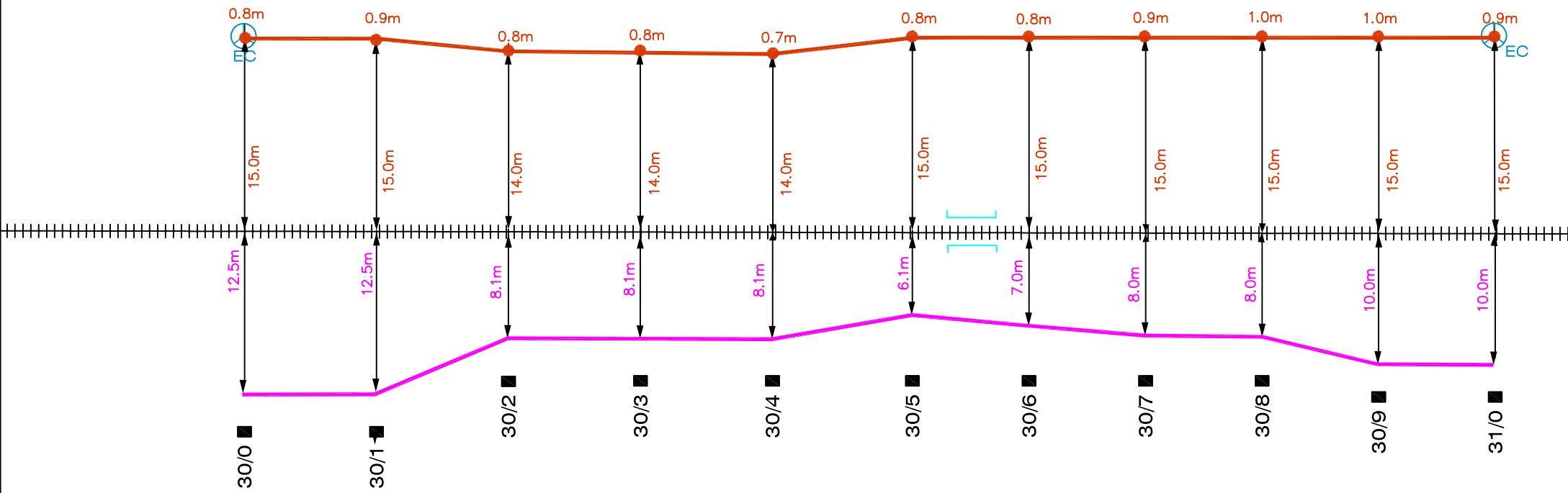


##	RAILWAY TRACK
	6 QUAD CABLE
	OFC CABLE
	SIGNAL CABLE
	NORMAL/ DERIVATION JOINT
	BRIDGE/CULVERT
	EC POST
	L.C.GATE

VMU - RAL SECTION

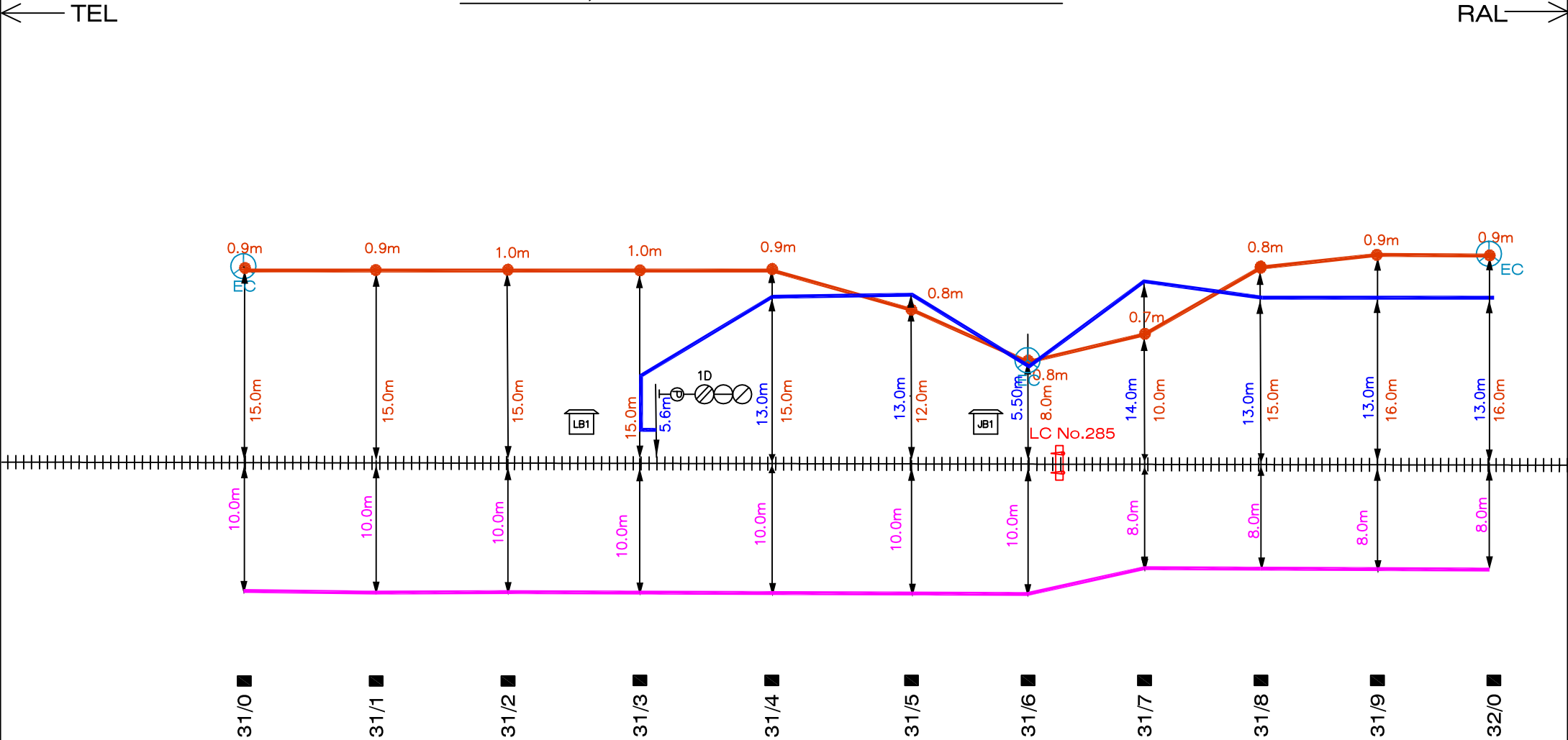
VEMURU - REPALLI
6 QUAD, OFC & SIGNAL CABLE PATH

← TEL → RAL →



⦚	RAILWAY TRACK
—	6 QUAD CABLE
—	OFC CABLE
—	SIGNAL CABLE
⊙	NORMAL/ DERIVATION JOINT
⏏	BRIDGE/CULVERT
⊙	EC POST
⏏	L.C.GATE

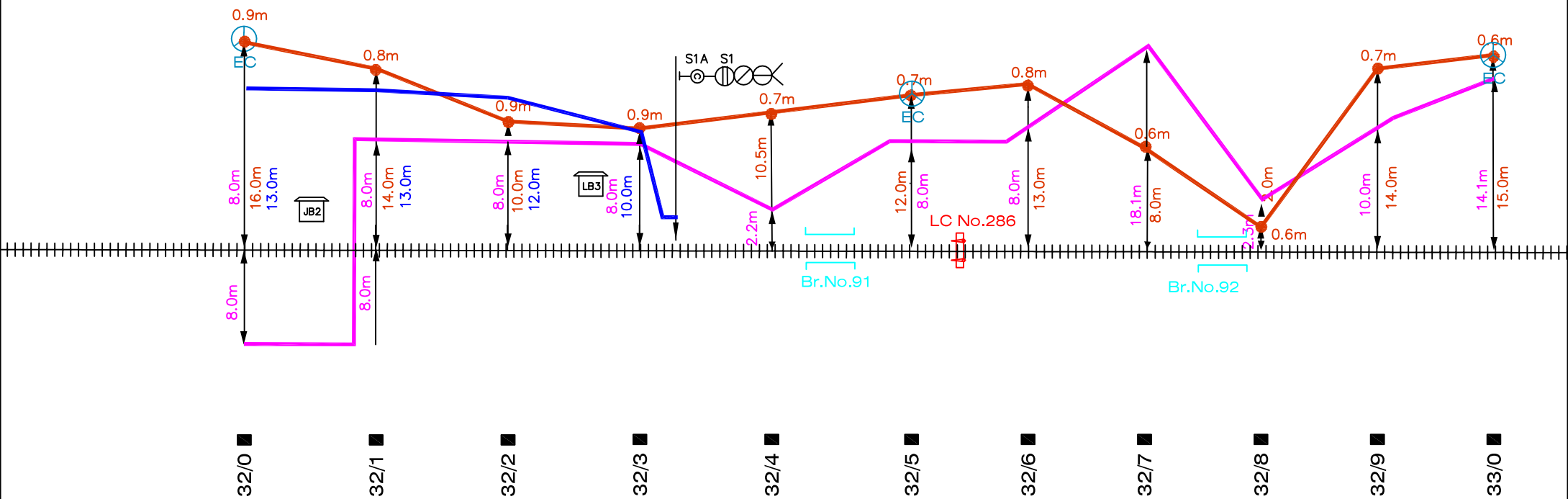
VEMURU - REPALLI
6 QUAD, OFC & SIGNAL CABLE PATH



##	RAILWAY TRACK
	6 QUAD CABLE
	OFC CABLE
	SIGNAL CABLE
	NORMAL/ DERIVATION JOINT
	BRIDGE/CULVERT
	EC POST
	L.C.GATE

VEMURU - REPALLI
6 QUAD, OFC & SIGNAL CABLE PATH

← TEL RAL →

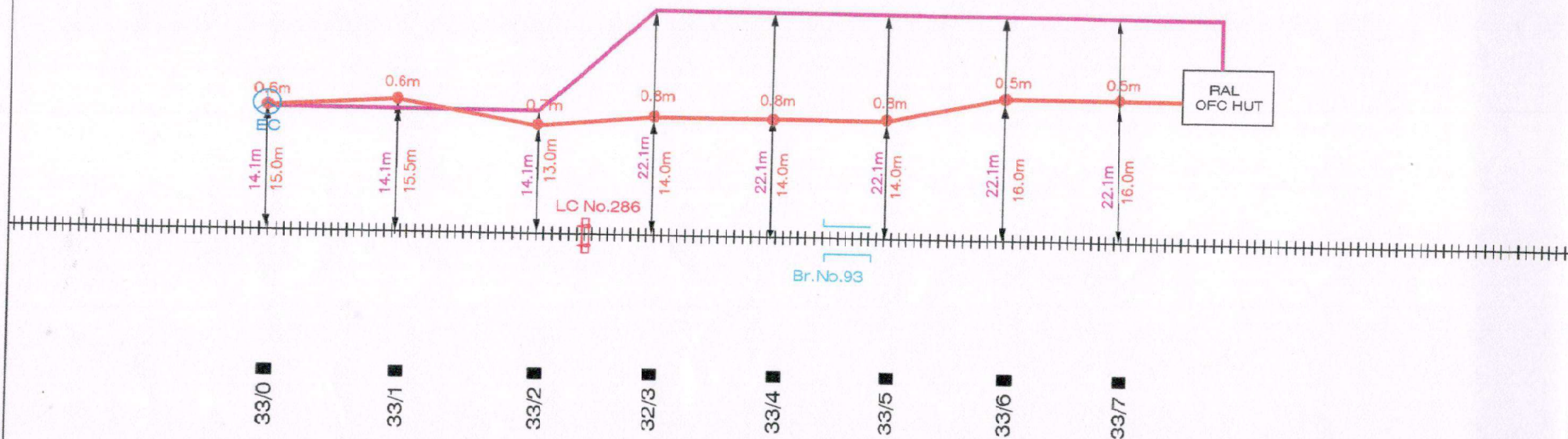


###	RAILWAY TRACK
	6 QUAD CABLE
	OFC CABLE
	SIGNAL CABLE
	NORMAL/ DERIVATION JOINT
	BRIDGE/CULVERT
	EC POST
	L.C.GATE

DEMURU - REPALLI 6 QUAD, OFC & SIGNAL CABLE PATH

← TEL

RAL →



###	RAILWAY TRACK
—	6 QUAD CABLE
—	OFC CABLE
—	SIGNAL CABLE
⊙	NORMAL/ DERIVATION JOINT
—	BRIDGE/CULVERT
⊕	EC POST
—	L.C.GATE

SHEET 21 OF 2

—	M NAGESWARA NAIK Digitally signed by M NAGESWARA NAIK	K. Repalli	KONDETI SAMUEL PRASAD Digitally signed by KONDETI SAMUEL PRASAD	RAVI BABU PALAPART HI Digitally signed by RAVI BABU PALAPARTHI Date: 2024.03.21 11:15:25 +05'30'	SYED VAZEER BABU Digitally signed by SYED VAZEER BABU	BANDLA LAKSHMAN AN Digitally signed by BANDLA LAKSHMAN
ALT No.	(M.NAGESWARA RAO NAIK) SSE/D	AGM/RCIL	(K.SAMUAL PRASAD) SSE/S/GNT	(P.RAVI BABU) SSE/T/GNT-I	(SD.VAZEER BABU) ADSTE/GNT	(B.LAKSHMAN) Sr.DSTE/GNT

VMU - RAL SECTION