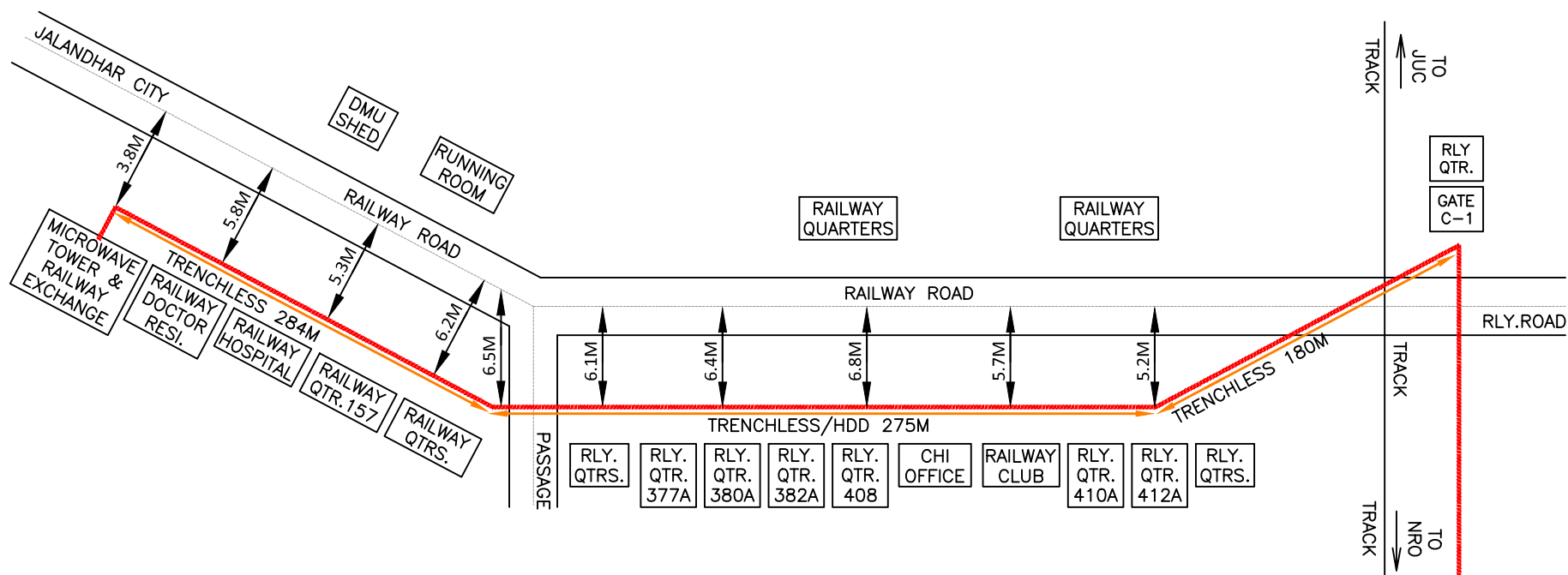


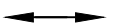
NORTHERN RAILWAY

FINAL CABLE ROUTE PLAN FOR LAYING OF OFC CABLE WORK AT JALANDHAR CITY – NAKODAR SECTION OF FIROZPUR DIVISION

OFC CABLE ROUTE PLAN BETWEEN JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION

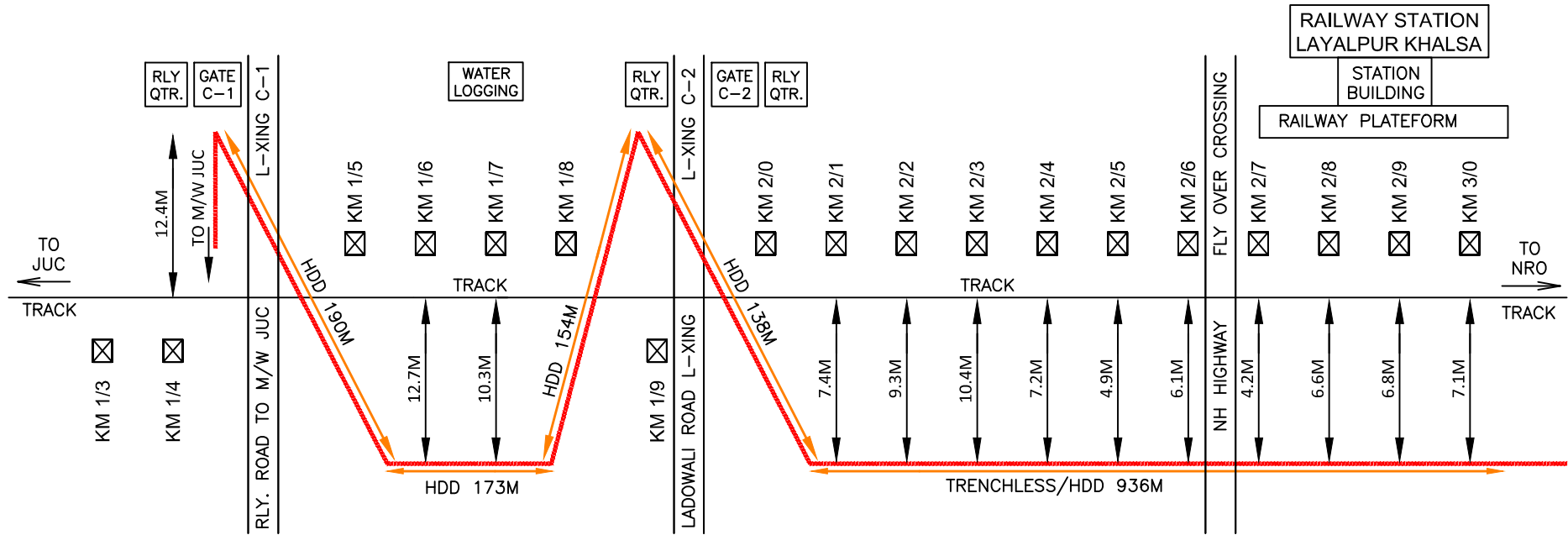


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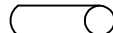
-  KMS / OHE MAST
-  O/T OFFSET FROM NEAREST TRACK
-  G.I. / DWC PIPE
-  TRENCHLESS/BORING
-  24 FIBER OFC CABLE
-  OFC CABLE JOINT

NORTHERN RAILWAY			
NAME OF WORK:- LAYING OF OFC CABLE AT JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION			
SHEET NO.:- 01			
SUB-SECTION : JUC - NRO SECTION			
AGENCY: M/S H.V. CONSTRUCTION CO.			
SR. DSTE/ FZR	ADSTE/LDH	SSE/TELE/ JUC	MANAGER H.V.C

OFC CABLE ROUTE PLAN BETWEEN JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION

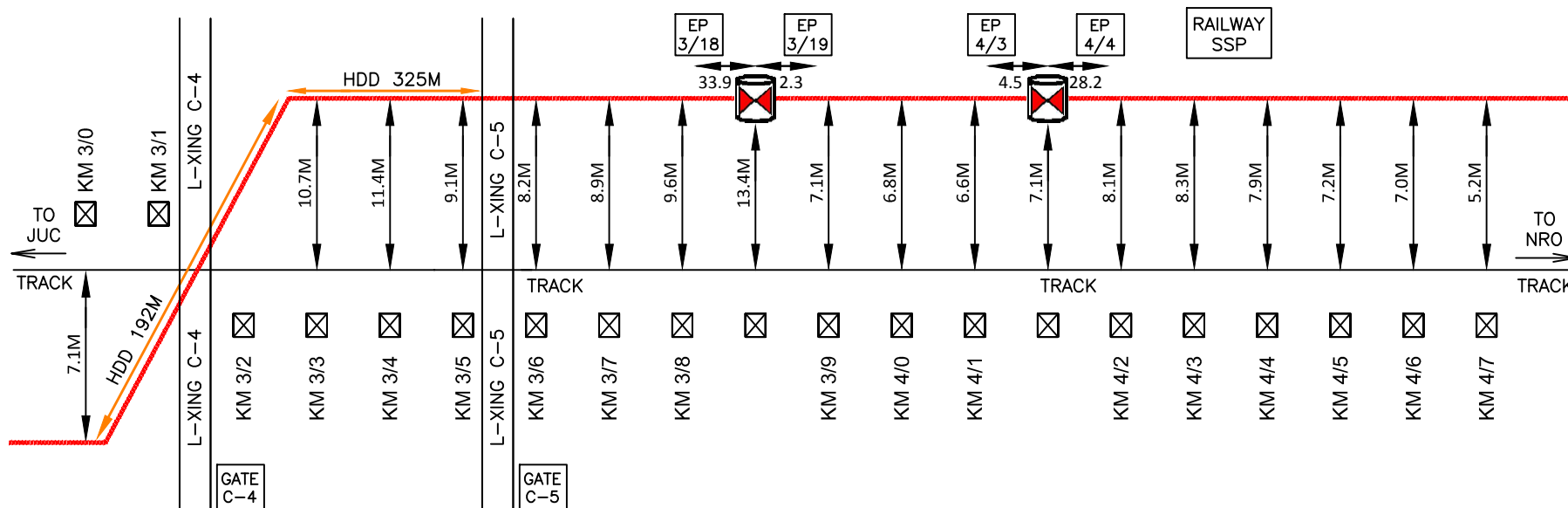


LEGEND:-

-  KMS / OHE MAST
-  O/T OFFSET FROM NEAREST TRACK
-  G.I. / DWC PIPE
-  TRENCHLESS/BORING
-  24 FIBER OFC CABLE
-  OFC CABLE JOINT

NORTHERN RAILWAY			
NAME OF WORK:- LAYING OF OFC CABLE AT JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION			
SHEET NO.:- 02			
SUB-SECTION : JUC - NRO SECTION			
AGENCY: M/S H.V. CONSTRUCTION CO.			
SR. DSTE/ FZR	ADSTE/LDH	SSE/TELE/ JUC	MANAGER H.V.C

OFC CABLE ROUTE PLAN BETWEEN JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION

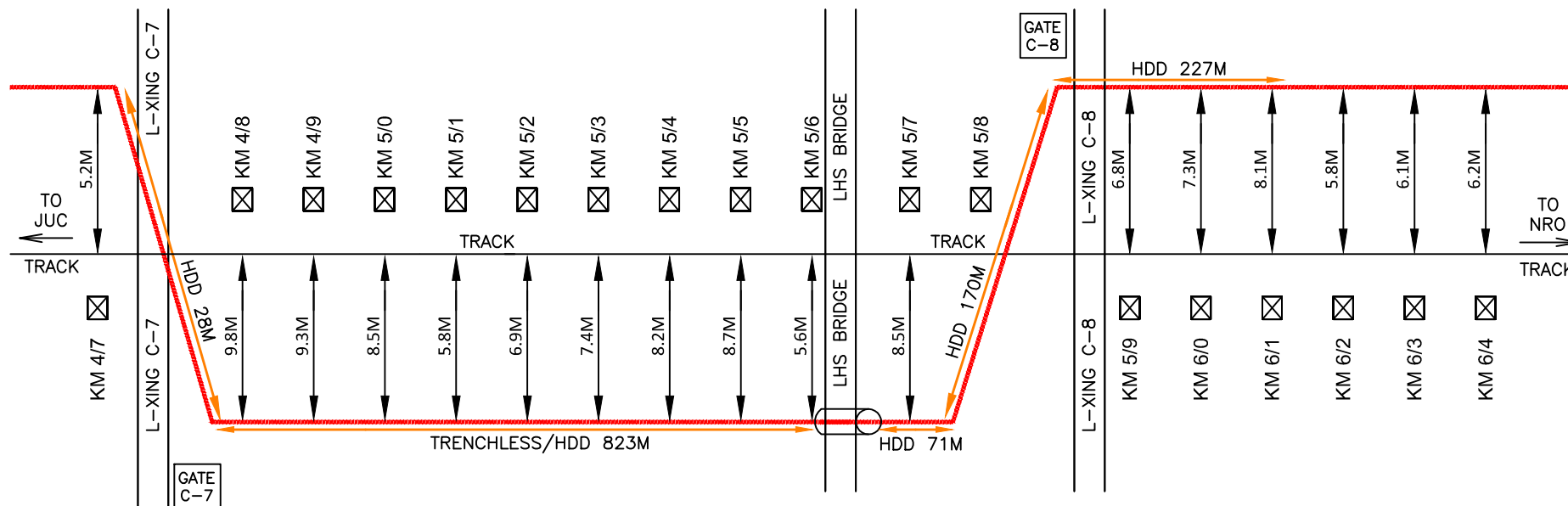


LEGEND:-

-  KMS / OHE MAST
-  O/T OFFSET FROM NEAREST TRACK
-  G.I. / DWC PIPE
-  TRENCHLESS/BORING
-  24 FIBER OFC CABLE
-  OFC CABLE JOINT

NORTHERN RAILWAY			
NAME OF WORK:- LAYING OF OFC CABLE AT JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION			
SHEET NO.:- 03			
SUB-SECTION : JUC - NRO SECTION			
AGENCY: M/S H.V. CONSTRUCTION CO.			
SR. DSTE/ FZR	ADSTE/LDH	SSE/TELE/ JUC	MANAGER H.V.C

OFC CABLE ROUTE PLAN BETWEEN JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION

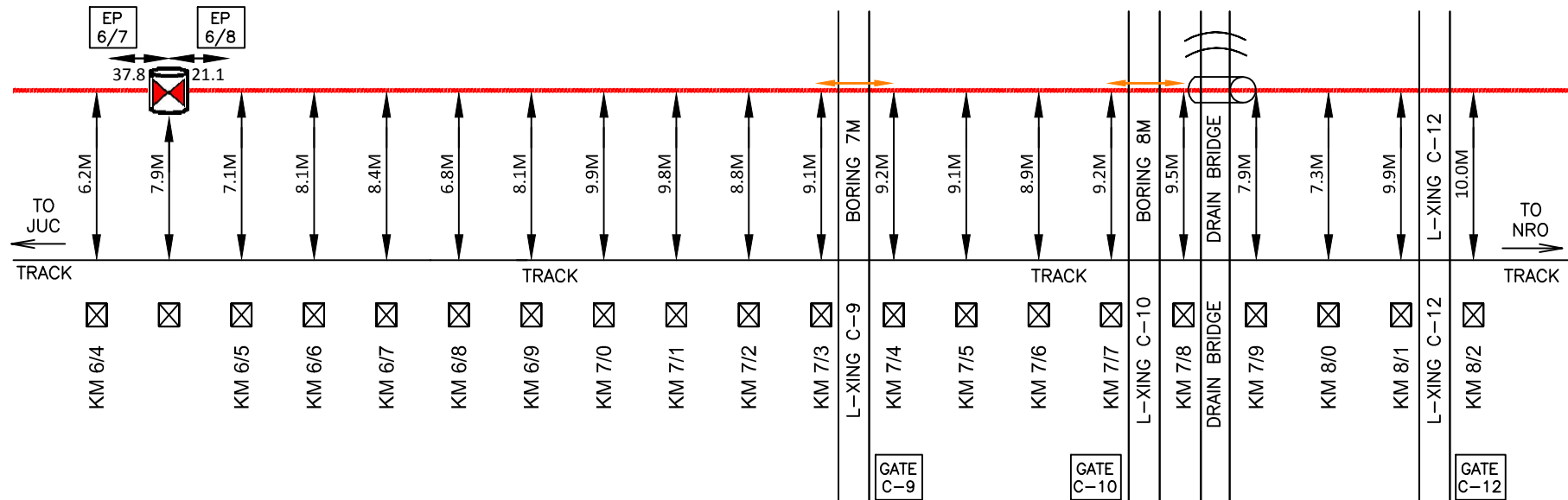


LEGEND:-

-  KMS / OHE MAST
-  O/T OFFSET FROM NEAREST TRACK
-  G.I. / DWC PIPE
-  TRENCHLESS/BORING
-  24 FIBER OFC CABLE
-  OFC CABLE JOINT

NORTHERN RAILWAY			
NAME OF WORK:- LAYING OF OFC CABLE AT JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION			
SHEET NO.:- 04			
SUB-SECTION : JUC - NRO SECTION			
AGENCY: M/S H.V. CONSTRUCTION CO.			
SR. DSTE/ FZR	ADSTE/LDH	SSE/TELE/ JUC	MANAGER H.V.C

OFC CABLE ROUTE PLAN BETWEEN JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION

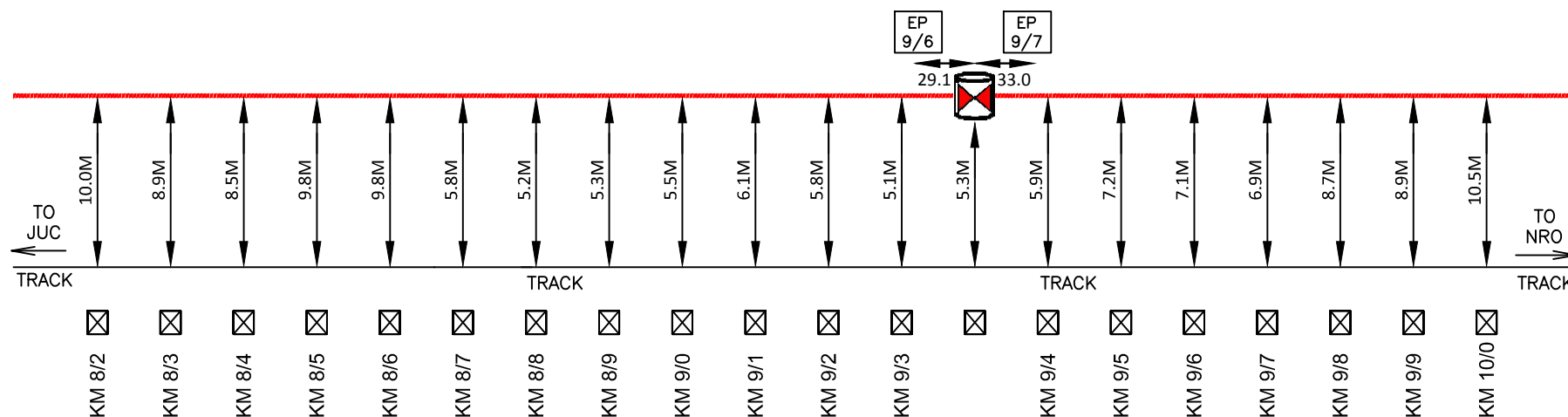


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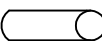
-  KMS / OHE MAST
-  O/T OFFSET FROM NEAREST TRACK
-  G.I. / DWG PIPE
-  TRENCHLESS/BORING
-  24 FIBER OFC CABLE
-  OFC CABLE JOINT

NORTHERN RAILWAY			
NAME OF WORK:- LAYING OF OFC CABLE AT JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION			
SHEET NO.:- 05			
SUB-SECTION : JUC - NRO SECTION			
AGENCY: M/S H.V. CONSTRUCTION CO.			
SR. DSTE/ FZR	ADSTE/LDH	SSE/TELE/ JUC	MANAGER H.V.C

OFC CABLE ROUTE PLAN BETWEEN JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION

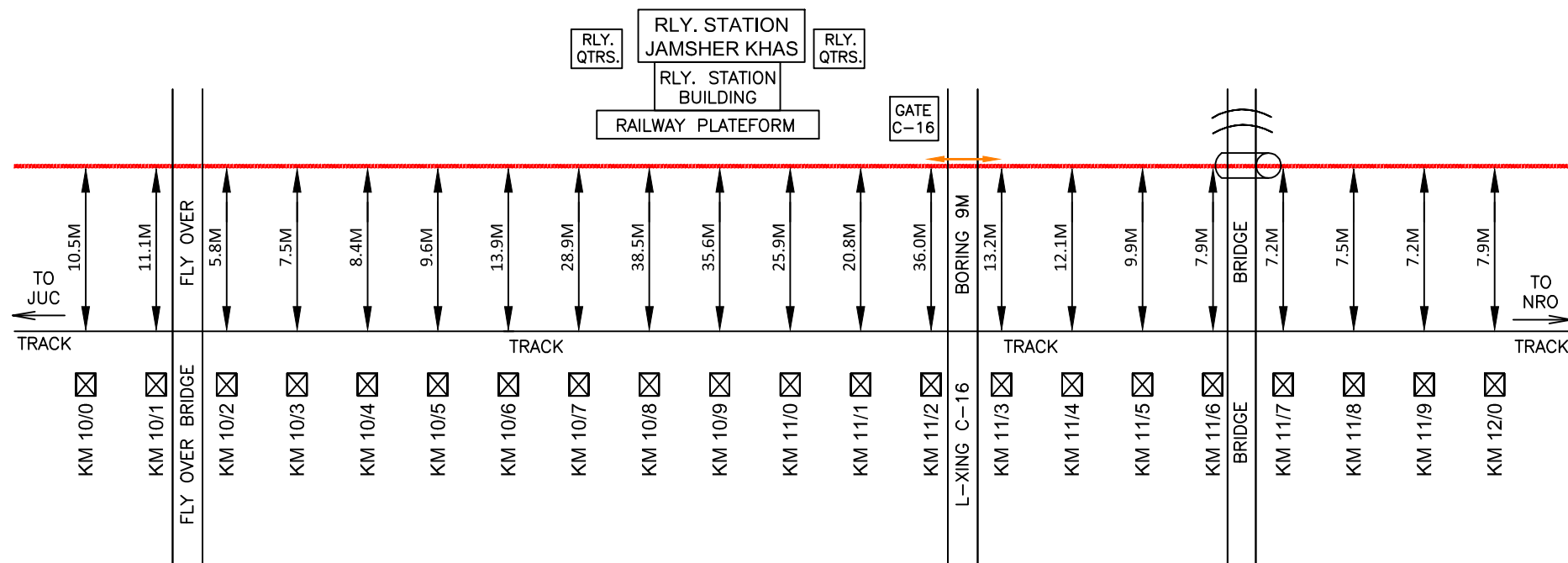


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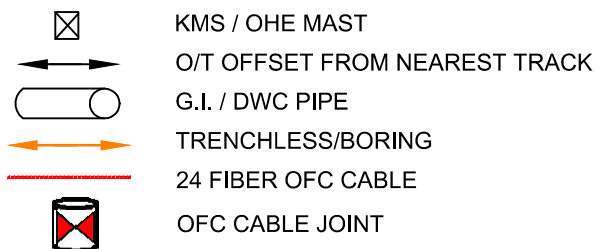
-  KMS / OHE MAST
-  O/T OFFSET FROM NEAREST TRACK
-  G.I. / DWC PIPE
-  TRENCHLESS/BORING
-  24 FIBER OFC CABLE
-  OFC CABLE JOINT

NORTHERN RAILWAY			
NAME OF WORK:- LAYING OF OFC CABLE AT JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION			
SHEET NO.:- 06			
SUB-SECTION : JUC - NRO SECTION			
AGENCY: M/S H.V. CONSTRUCTION CO.			
SR. DSTE/ FZR	ADSTE/LDH	SSE/TELE/ JUC	MANAGER H.V.C

OFC CABLE ROUTE PLAN BETWEEN JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION

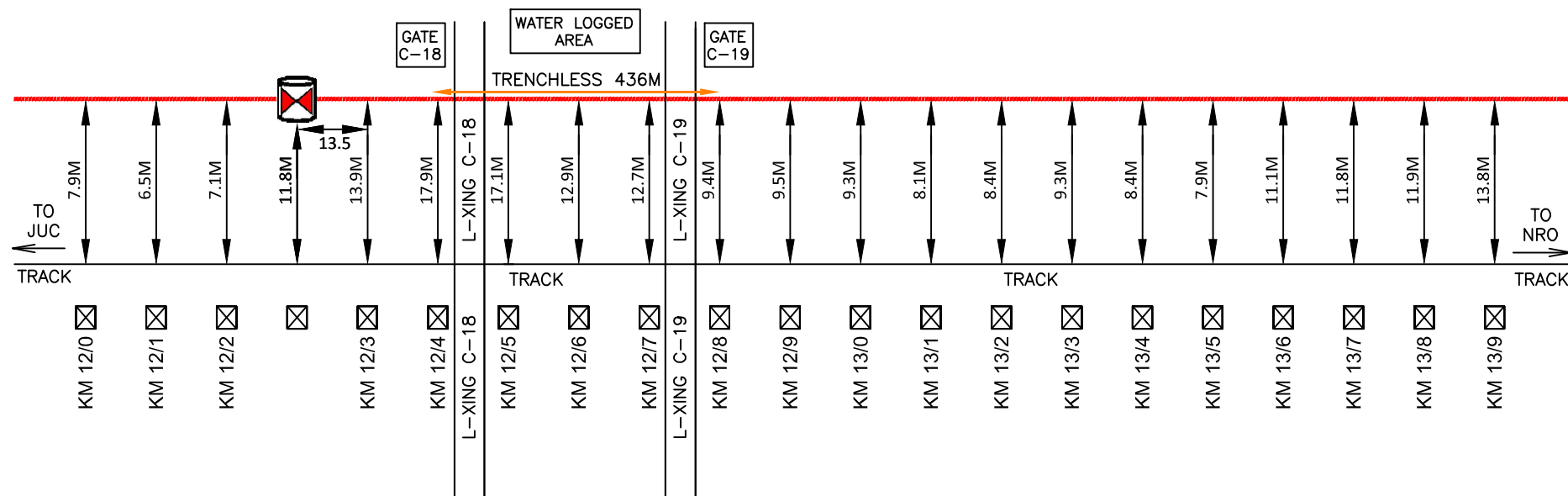


LEGEND:-



				NORTHERN RAILWAY
				NAME OF WORK:- LAYING OF OFC CABLE AT JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION
				SHEET NO.:- 07
SR. DSTE/ FZR	ADSTE/LDH	SSE/TELE/ JUC	MANAGER H.V.C	SUB-SECTION : JUC - NRO SECTION
				AGENCY: M/S H.V. CONSTRUCTION CO.

OFC CABLE ROUTE PLAN BETWEEN JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION

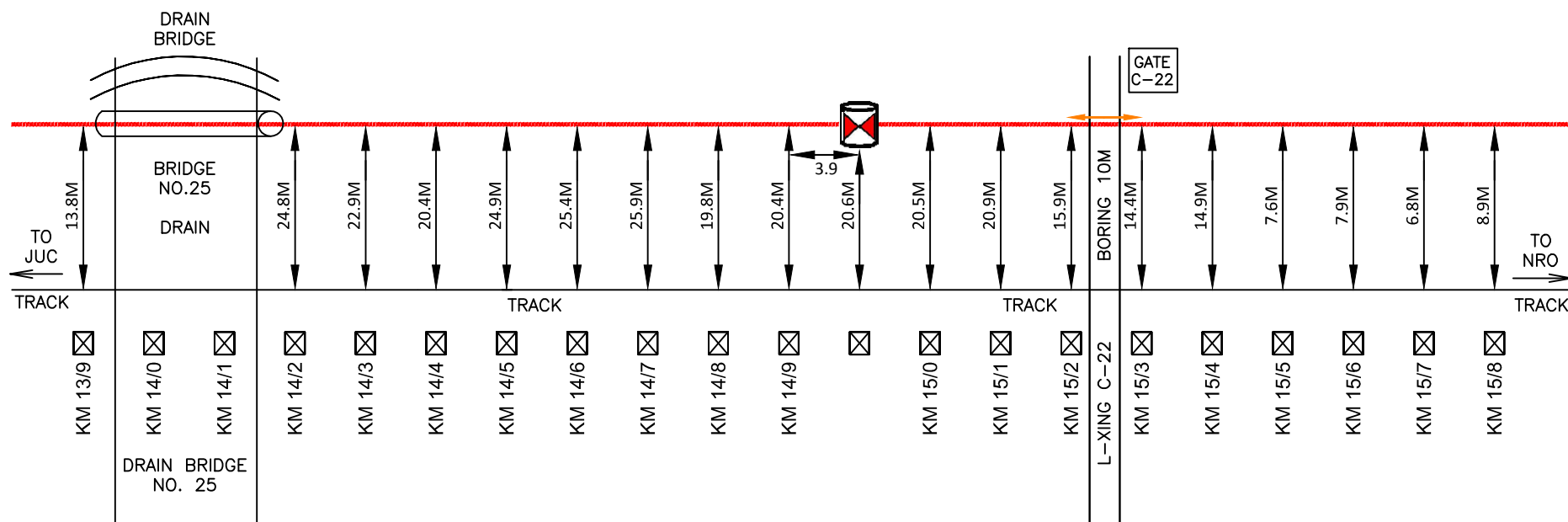


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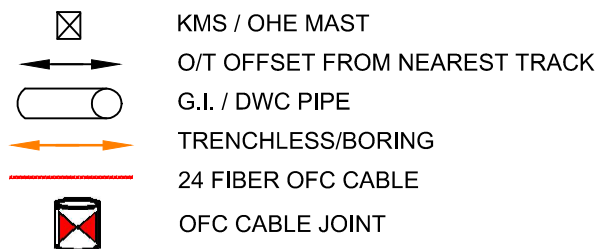
- KMS / OHE MAST
- O/T OFFSET FROM NEAREST TRACK
- G.I. / DWC PIPE
- TRENCHLESS/BORING
- 24 FIBER OFC CABLE
- OFC CABLE JOINT

				NORTHERN RAILWAY	
				NAME OF WORK:- LAYING OF OFC CABLE AT JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION	
				SHEET NO.:- 08	
				SUB-SECTION : JUC - NRO SECTION	
				AGENCY: M/S H.V. CONSTRUCTION CO.	
SR. DSTE/ FZR	ADSTE/LDH	SSE/TELE/ JUC	MANAGER H.V.C		

OFC CABLE ROUTE PLAN BETWEEN JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION

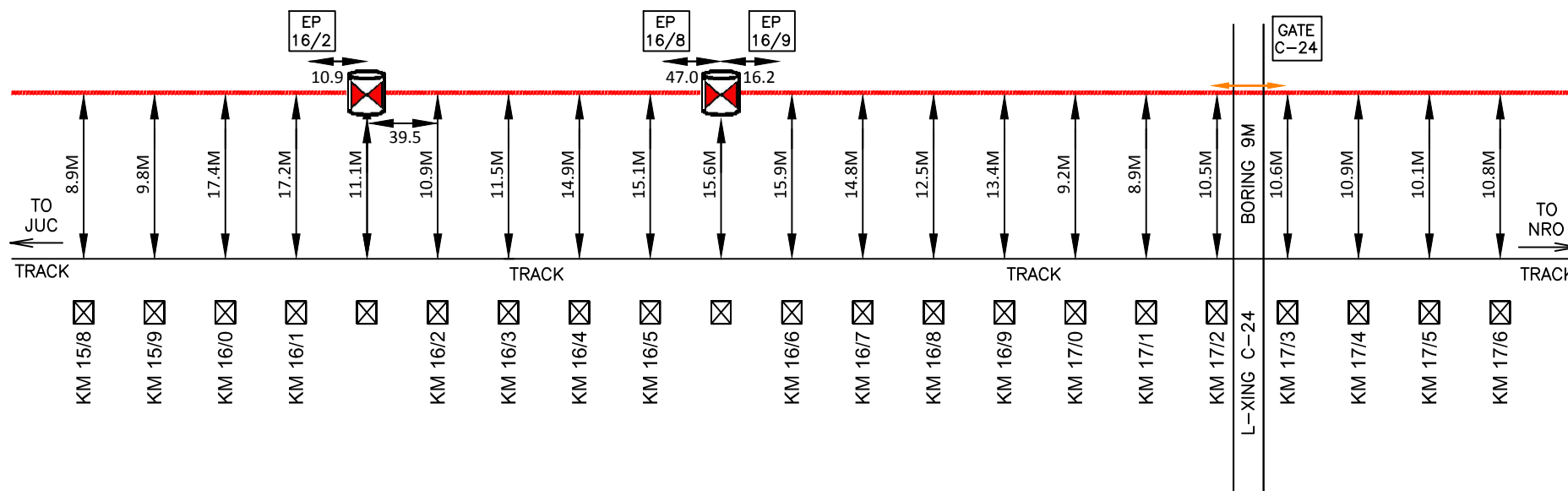


LEGEND:-



				NORTHEN RAILWAY
				NAME OF WORK:- LAYING OF OFC CABLE AT JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION
				SHEET NO.:- 09
SR. DSTE/ FZR	ADSTE/LDH	SSE/TELE/ JUC	MANAGER H.V.C	SUB-SECTION : JUC - NRO SECTION
				AGENCY: M/S H.V. CONSTRUCTION CO.

OFC CABLE ROUTE PLAN BETWEEN JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION

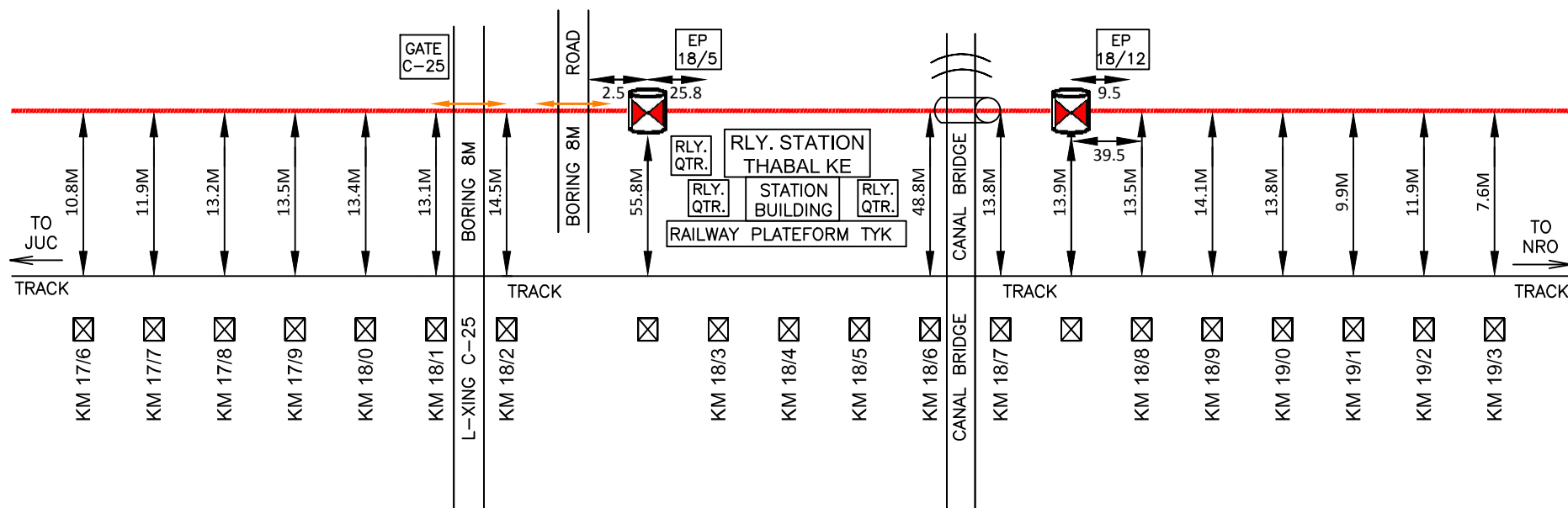


LEGEND:-

-  KMS / OHE MAST
-  O/T OFFSET FROM NEAREST TRACK
-  G.I. / DWC PIPE
-  TRENCHLESS/BORING
-  24 FIBER OFC CABLE
-  OFC CABLE JOINT

NORTHERN RAILWAY			
NAME OF WORK:- LAYING OF OFC CABLE AT JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION			
SHEET NO.:- 10			
SUB-SECTION : JUC - NRO SECTION			
AGENCY: M/S H.V. CONSTRUCTION CO.			
SR. DSTE/ FZR	ADSTE/LDH	SSE/TELE/ JUC	MANAGER H.V.C

OFC CABLE ROUTE PLAN BETWEEN JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION

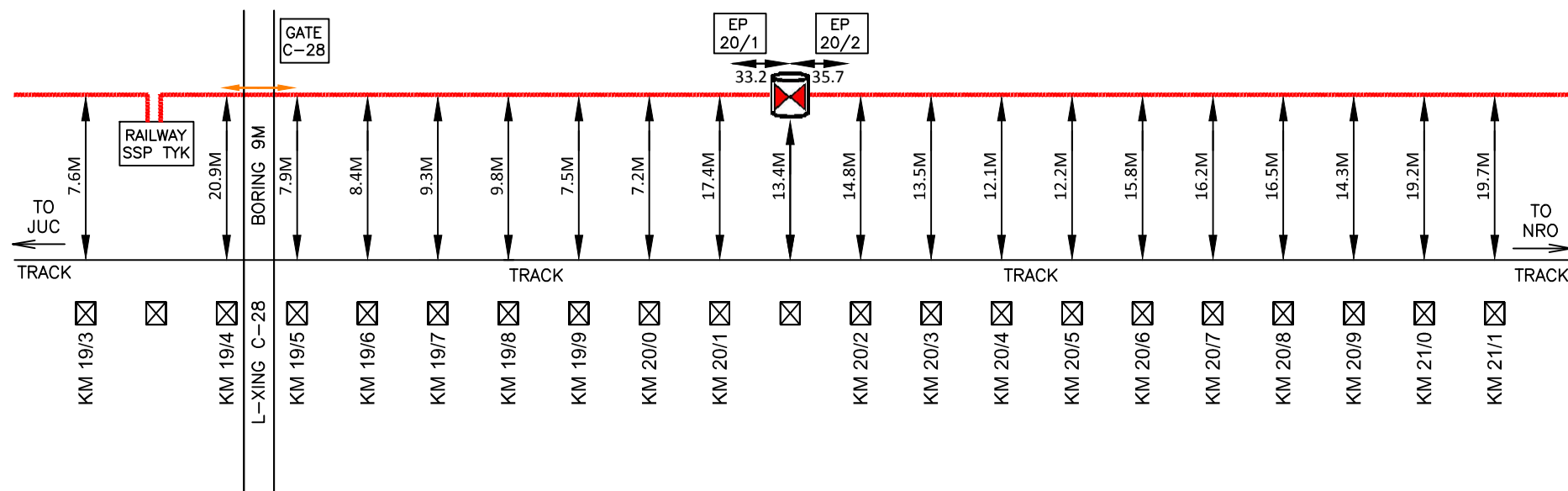


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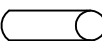
	KMS / OHE MAST
	O/T OFFSET FROM NEAREST TRACK
	G.I. / DWC PIPE
	TRENCHLESS/BORING
	24 FIBER OFC CABLE
	OFC CABLE JOINT

				NORTHERN RAILWAY	
				NAME OF WORK:- LAYING OF OFC CABLE AT JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION	
				SHEET NO.:- 11	
				SUB-SECTION : JUC - NRO SECTION	
				AGENCY: M/S H.V. CONSTRUCTION CO.	
SR. DSTE/ FZR	ADSTE/LDH	SSE/TELE/ JUC	MANAGER H.V.C		

OFC CABLE ROUTE PLAN BETWEEN JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION

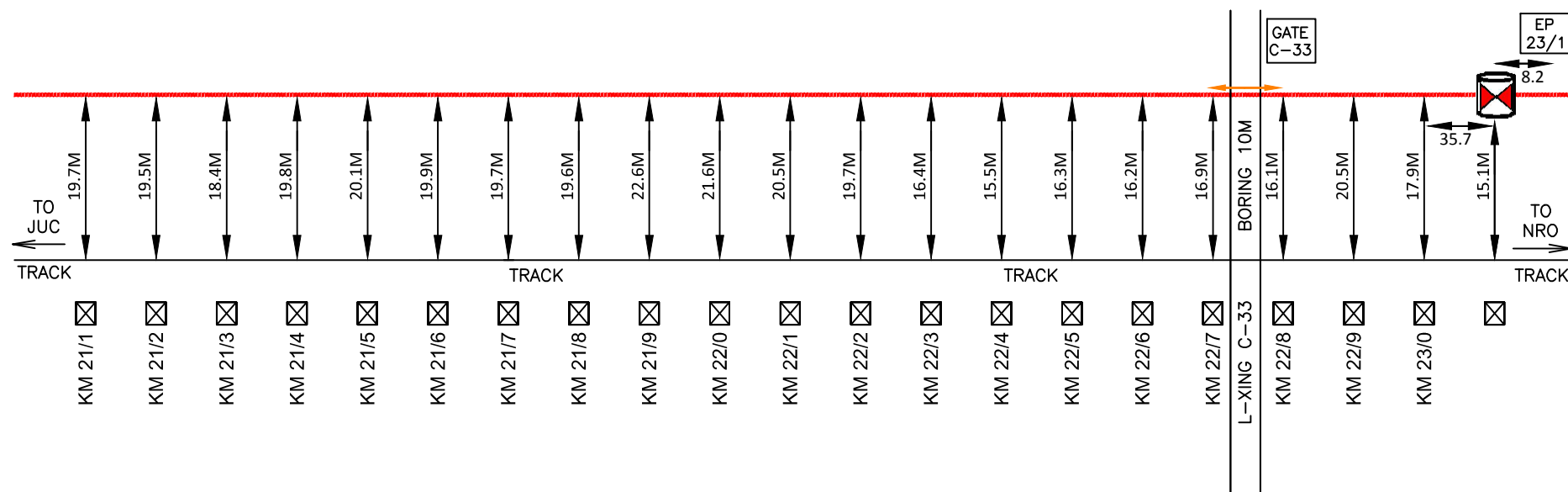


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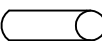
-  KMS / OHE MAST
-  O/T OFFSET FROM NEAREST TRACK
-  G.I. / DWC PIPE
-  TRENCHLESS/BORING
-  24 FIBER OFC CABLE
-  OFC CABLE JOINT

NORTHERN RAILWAY			
NAME OF WORK:- LAYING OF OFC CABLE AT JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION			
SHEET NO.:- 12			
SUB-SECTION : JUC - NRO SECTION			
AGENCY: M/S H.V. CONSTRUCTION CO.			
SR. DSTE/ FZR	ADSTE/LDH	SSE/TELE/ JUC	MANAGER H.V.C

OFC CABLE ROUTE PLAN BETWEEN JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION

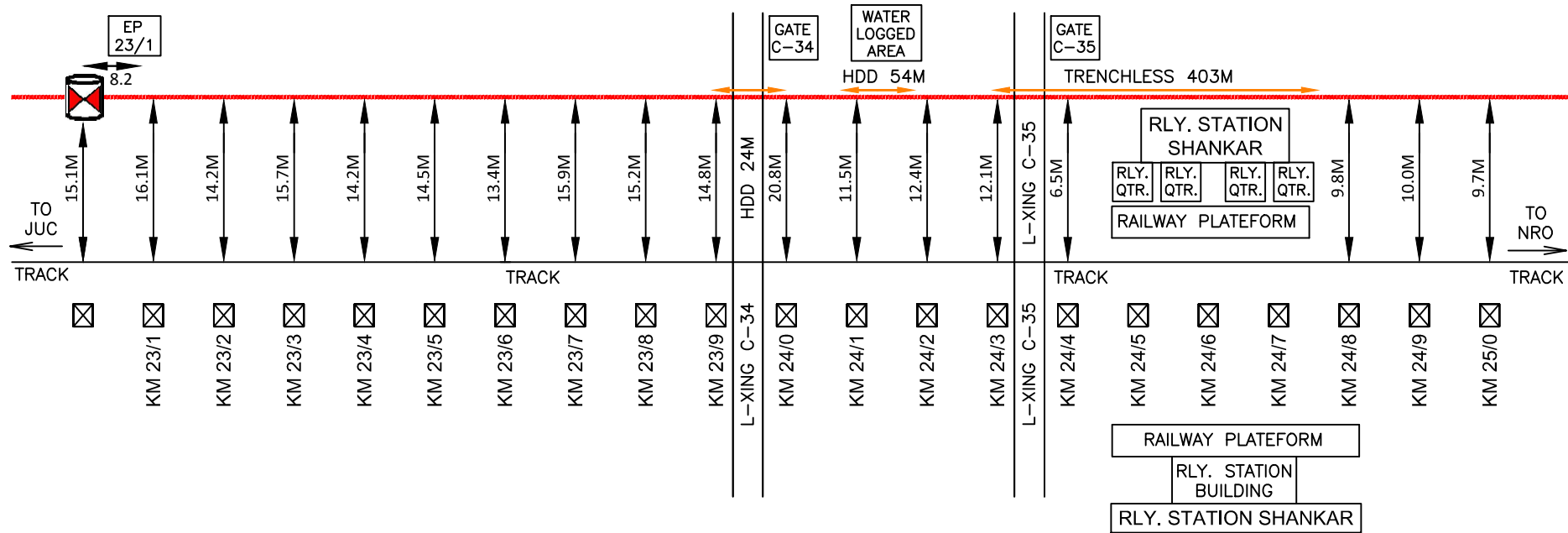


LEGEND:-

-  KMS / OHE MAST
-  O/T OFFSET FROM NEAREST TRACK
-  G.I. / DWC PIPE
-  TRENCHLESS/BORING
-  24 FIBER OFC CABLE
-  OFC CABLE JOINT

NORTHERN RAILWAY			
NAME OF WORK:- LAYING OF OFC CABLE AT JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION			
SHEET NO.:- 13			
SUB-SECTION : JUC - NRO SECTION			
AGENCY: M/S H.V. CONSTRUCTION CO.			
SR. DSTE/ FZR	ADSTE/LDH	SSE/TELE/ JUC	MANAGER H.V.C

OFC CABLE ROUTE PLAN BETWEEN JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION

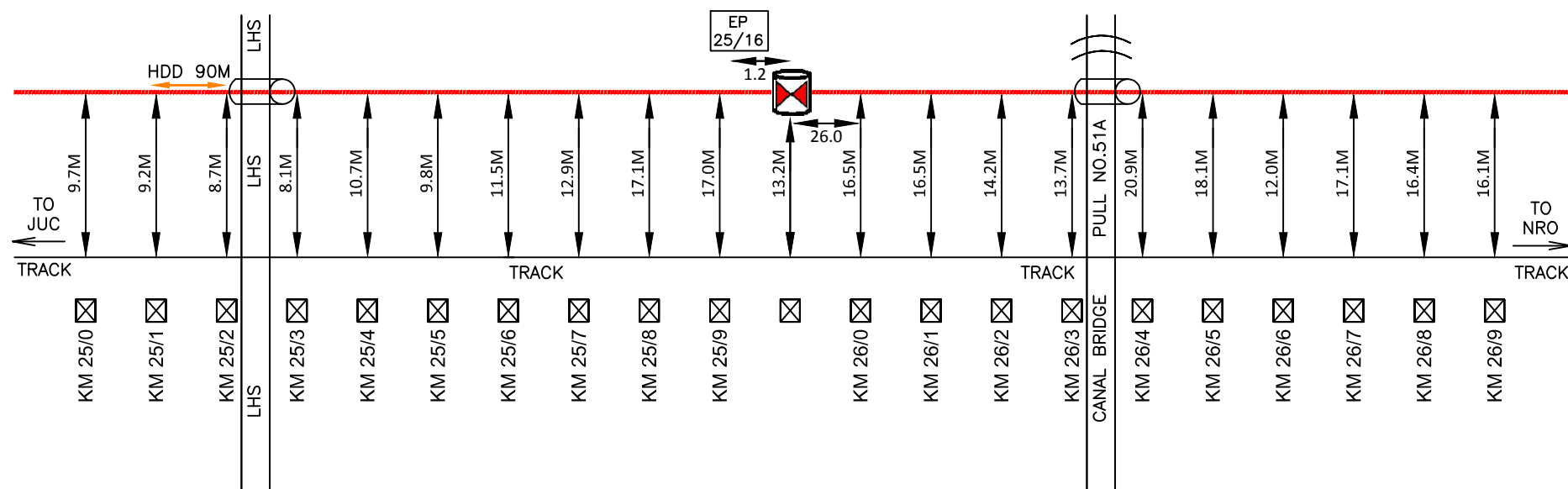


LEGEND:-

- KMS / OHE MAST
- O/T OFFSET FROM NEAREST TRACK
- G.I. / DWC PIPE
- TRENCHLESS/BORING
- 24 FIBER OFC CABLE
- OFC CABLE JOINT

NORTHERN RAILWAY			
NAME OF WORK:- LAYING OF OFC CABLE AT JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION			
SHEET NO.:- 14			
SUB-SECTION : JUC - NRO SECTION			
AGENCY: M/S H.V. CONSTRUCTION CO.			
SR. DSTE/ FZR	ADSTE/LDH	SSE/TELE/ JUC	MANAGER H.V.C

OFC CABLE ROUTE PLAN BETWEEN JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION

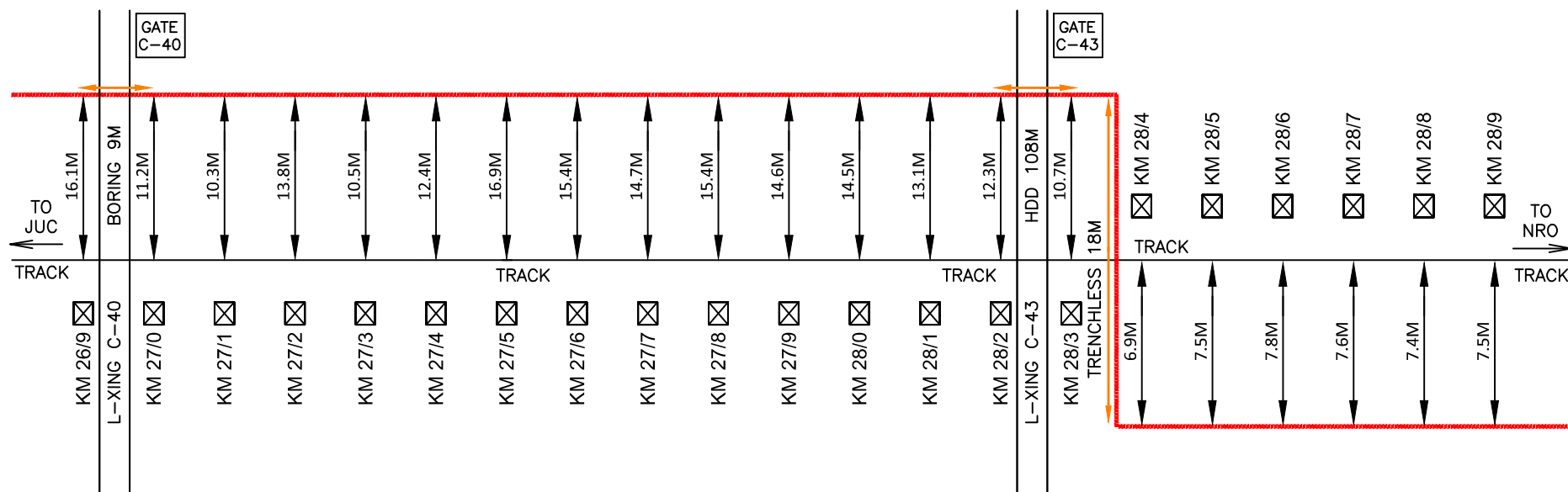


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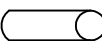
- KMS / OHE MAST
- O/T OFFSET FROM NEAREST TRACK
- G.I. / DWC PIPE
- TRENCHLESS/BORING
- 24 FIBER OFC CABLE
- OFC CABLE JOINT

NORTHERN RAILWAY			
NAME OF WORK:- LAYING OF OFC CABLE AT JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION			
SHEET NO.:- 15			
SUB-SECTION : JUC - NRO SECTION			
AGENCY: M/S H.V. CONSTRUCTION CO.			
SR. DSTE/ FZR	ADSTE/LDH	SSE/TELE/ JUC	MANAGER H.V.C

OFC CABLE ROUTE PLAN BETWEEN JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION

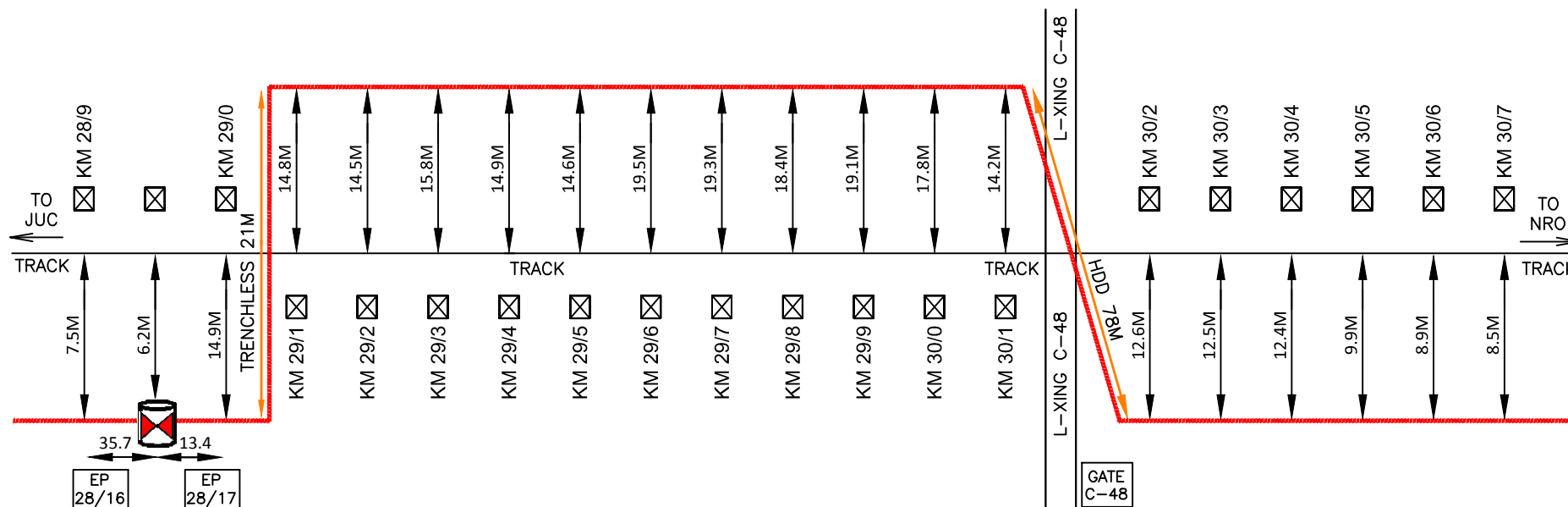


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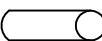
-  KMS / OHE MAST
-  O/T OFFSET FROM NEAREST TRACK
-  G.I. / DWC PIPE
-  TRENCHLESS/BORING
-  24 FIBER OFC CABLE
-  OFC CABLE JOINT

NORTHERN RAILWAY			
NAME OF WORK:- LAYING OF OFC CABLE AT JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION			
SHEET NO.:- 16			
SUB-SECTION : JUC - NRO SECTION			
AGENCY: M/S H.V. CONSTRUCTION CO.			
SR. DSTE/ FZR	ADSTE/LDH	SSE/TELE/ JUC	MANAGER H.V.C

OFC CABLE ROUTE PLAN BETWEEN JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION

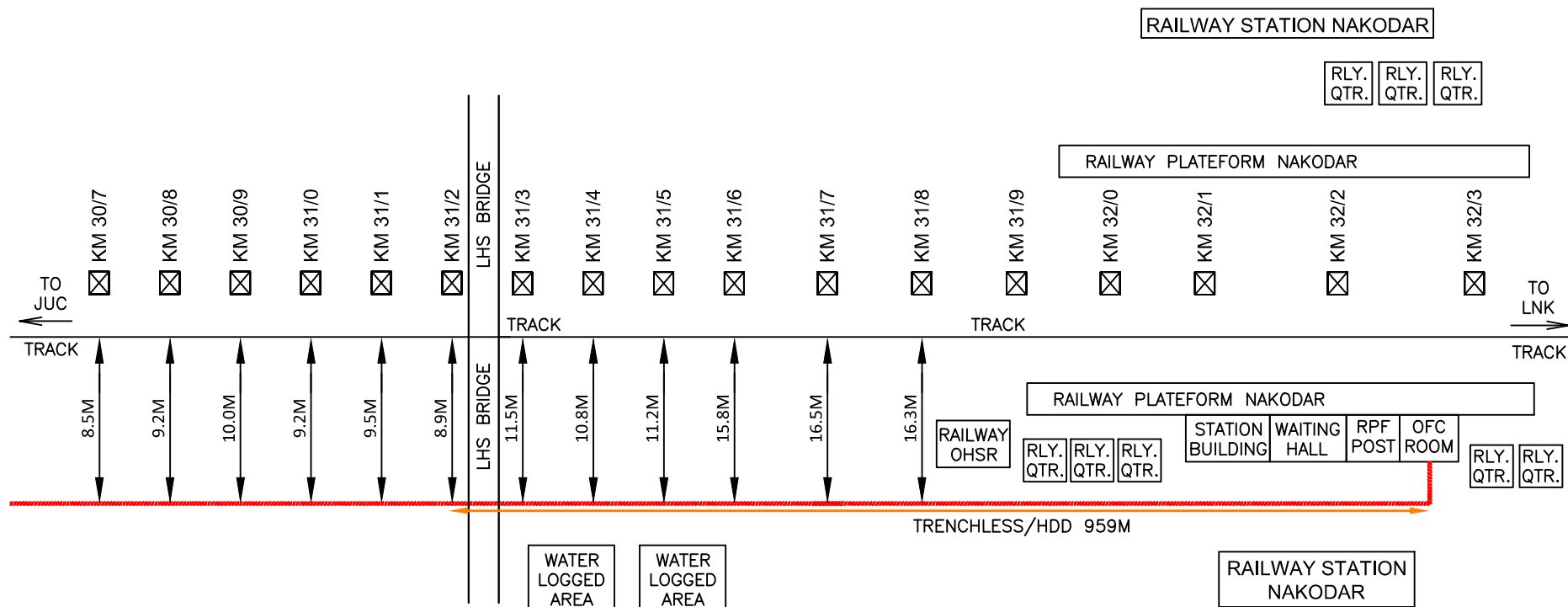


LEGEND:-

-  KMS / OHE MAST
-  O/T OFFSET FROM NEAREST TRACK
-  G.I. / DWC PIPE
-  TRENCHLESS/BORING
-  24 FIBER OFC CABLE
-  OFC CABLE JOINT

NORTHERN RAILWAY			
NAME OF WORK:- LAYING OF OFC CABLE AT JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION			
SHEET NO.:- 17			
SUB-SECTION : JUC - NRO SECTION			
AGENCY: M/S H.V. CONSTRUCTION CO.			
SR. DSTE/ FZR	ADSTE/LDH	SSE/TELE/ JUC	MANAGER H.V.C

OFC CABLE ROUTE PLAN BETWEEN JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION



LEGEND:-

- | | |
|---|-------------------------------|
|  | KMS / OHE MAST |
|  | O/T OFFSET FROM NEAREST TRACK |
|  | G.I. / DWG PIPE |
|  | TRENCHLESS/BORING |
|  | 24 FIBER OFC CABLE |
|  | OFC CABLE JOINT |

				NORTHEN RAILWAY
				NAME OF WORK:- LAYING OF OFC CABLE AT JALANDHAR CITY - NAKODAR SECTION OF FIROZPUR DIVISION
				SHEET NO.:- 18
				SUB-SECTION : JUC - NRO SECTION
SR. DSTE/ FZR	ADSTE/LDH	SSE/TELE/ JUC	MANAGER H.V.C	AGENCY: M/S H.V. CONSTRUCTION CO.