NORTHERAN RAILWAY

CABLE ROUTE PLAN

FOR

MAKHU

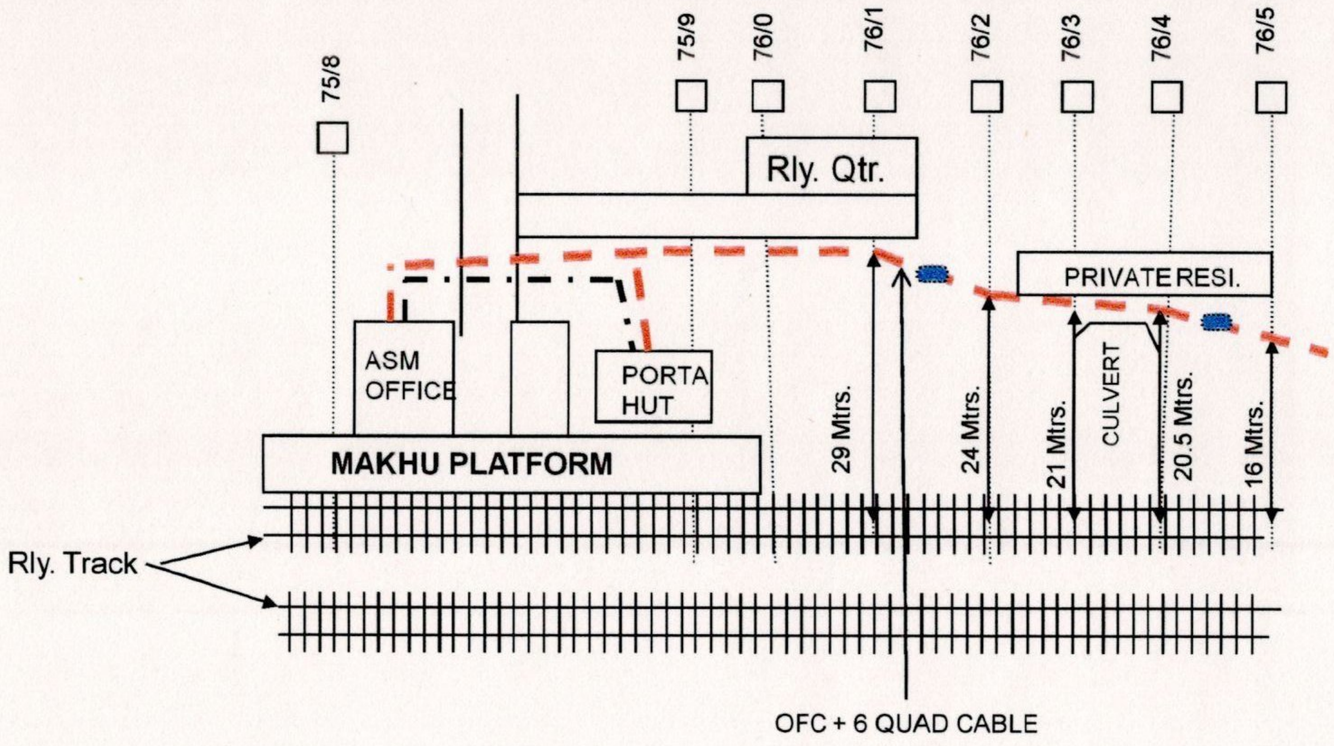
TO

MALLAWALA KHAS

MAKHU – MALLAWALA KHAS.

JUC END ←

→ FZR END



Emergency joint	Emergency Socket
Derivation joint	Direction pole
Straight joint	
OFC Joint	Gate phone

ROUTE PLAN OFC & 6 QUAD

SUBMITTED BY

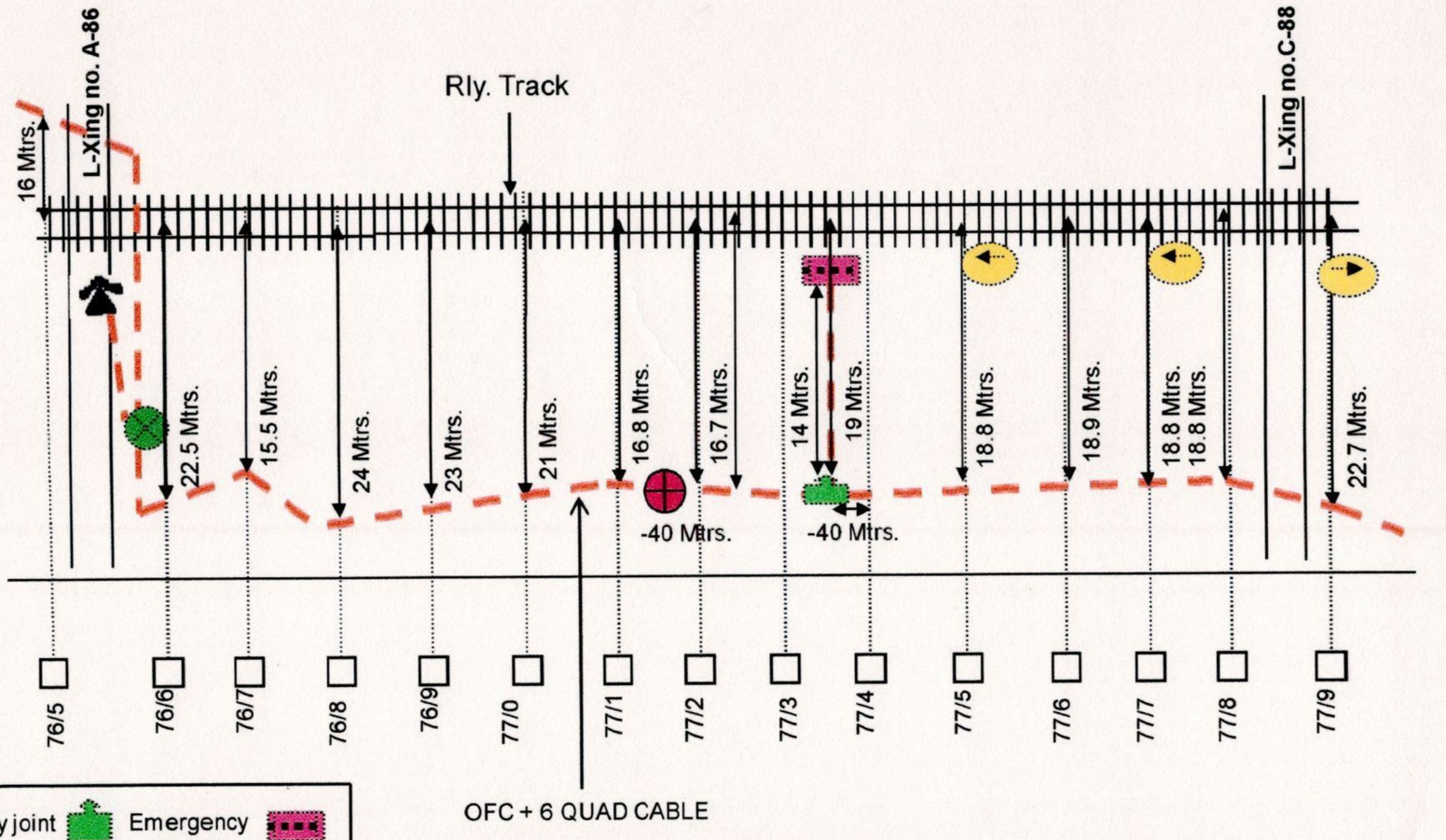
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MAKHU – MALLAWALA KHAS.

JUC END

FZR END



Emergency joint

Emergency Socket

Derivation joint

Direction pole

Straight joint

OFC Joint

Gate phone

ROUTE PLAN OFC & 6 QUAD

SUBMITTED BY

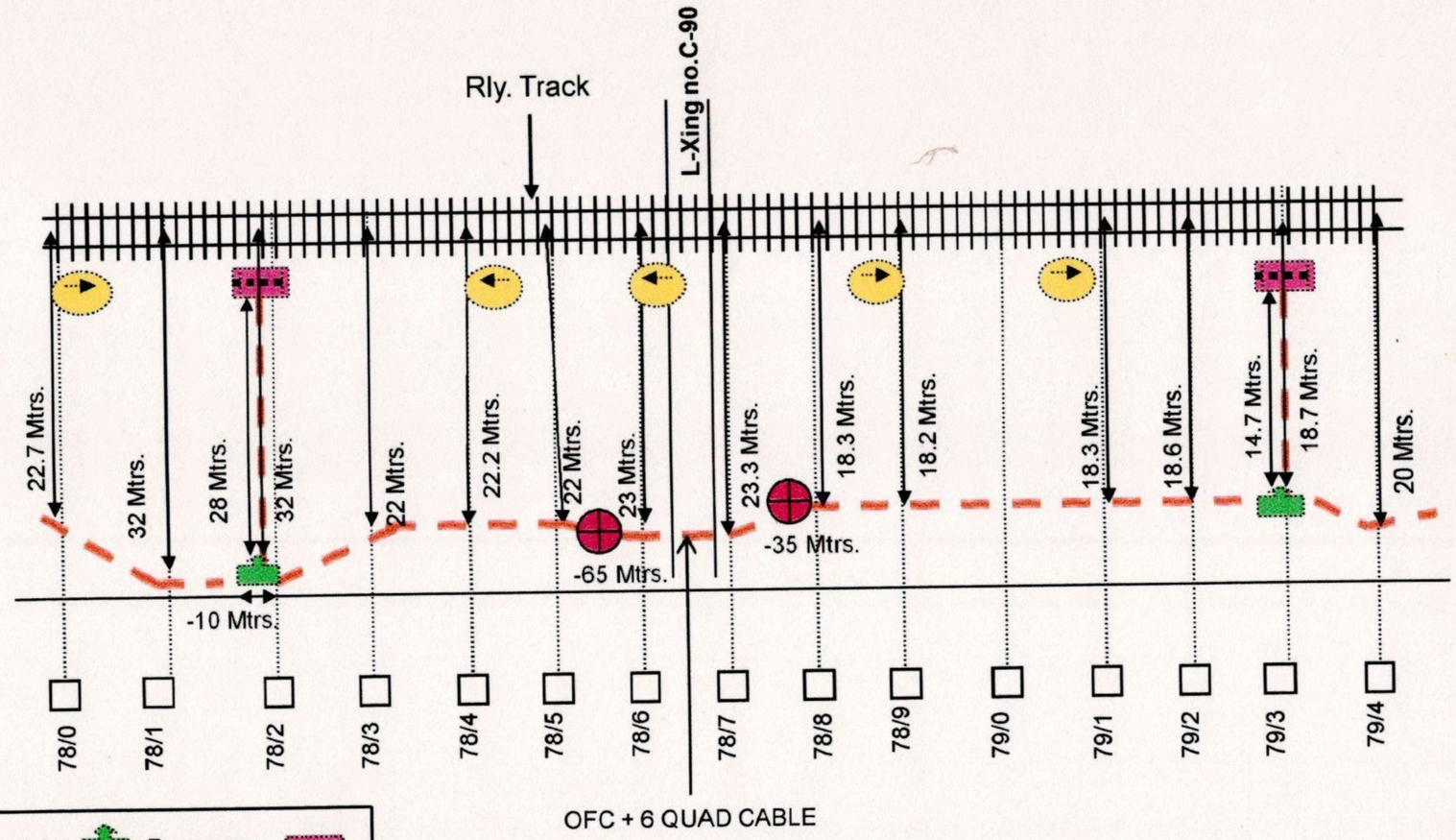
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MAKHU – MALLAWALA KHAS.

JUC END ⟵

⟶ FZR END



Emergency joint
Emergency Socket
Derivation joint
Direction pole
Straight joint
OFC Joint
Gate phone

ROUTE PLAN OFC & 6 QUAD

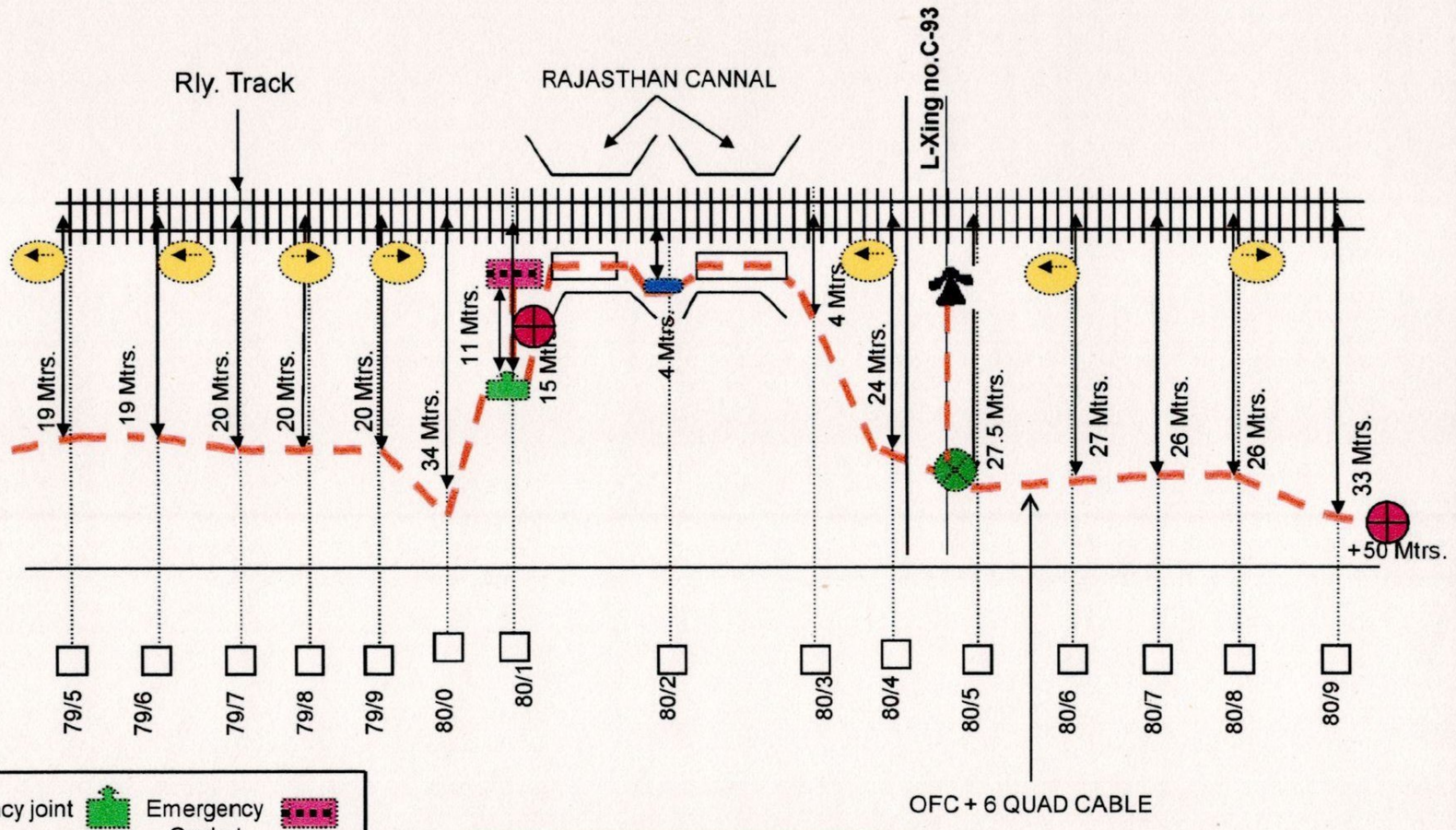
SUBMITTED BY
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MAKHU – MALLAWALA KHAS.

JUC END

FZR END



Emergency joint — Emergency Socket

Derivation joint — Direction pole

Straight joint

OFC Joint — Gate phone

ROUTE PLAN OFC & 6 QUAD

SUBMITTED BY

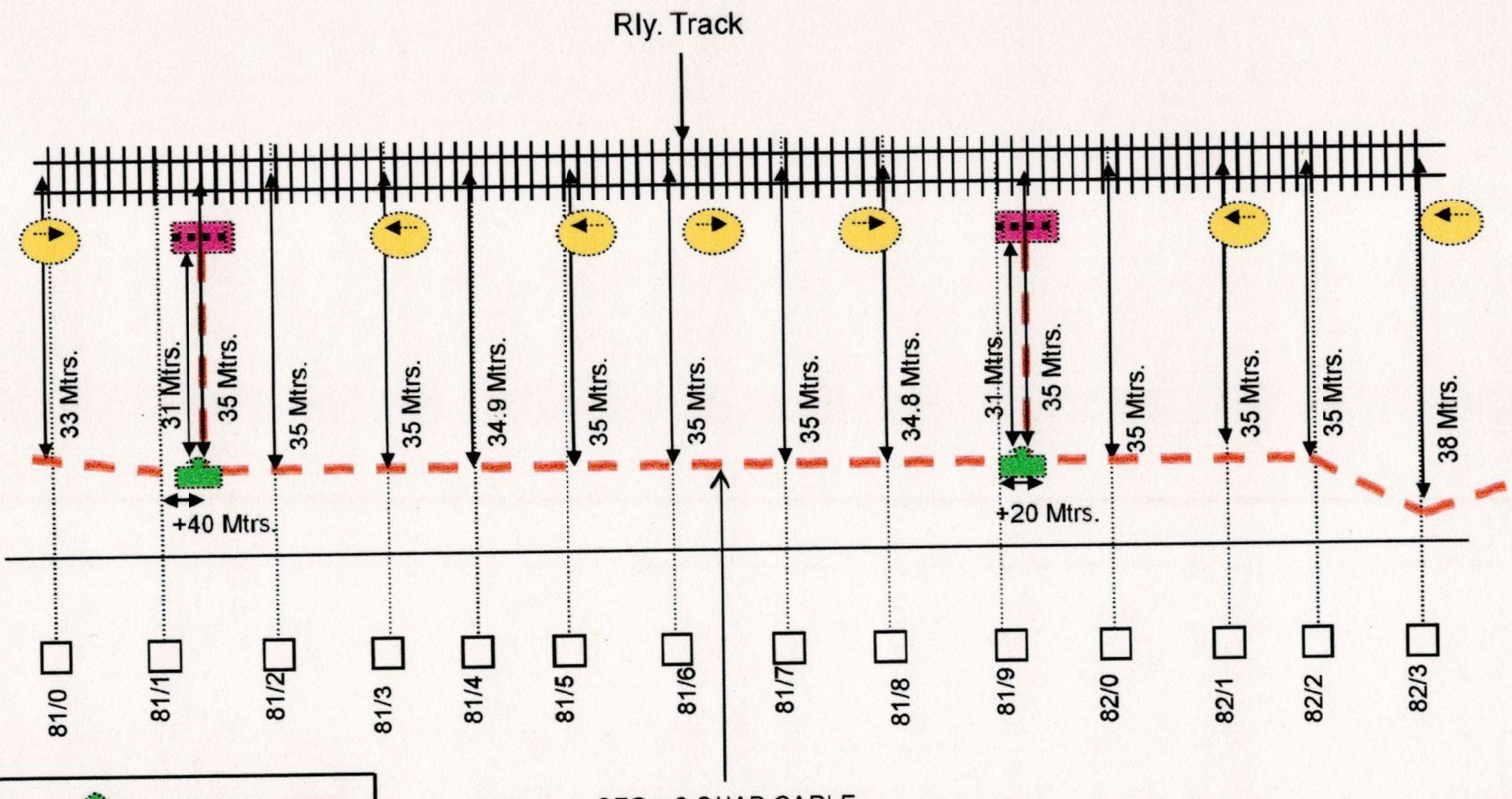
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MAKHU – MALLAWALA KHAS.

JUC END ←

→ FZR END



Emergency joint — Emergency Socket

Derivation joint — Direction pole

Straight joint

OFC Joint — Gate phone

ROUTE PLAN OFC & 6 QUAD

SUBMITTED BY

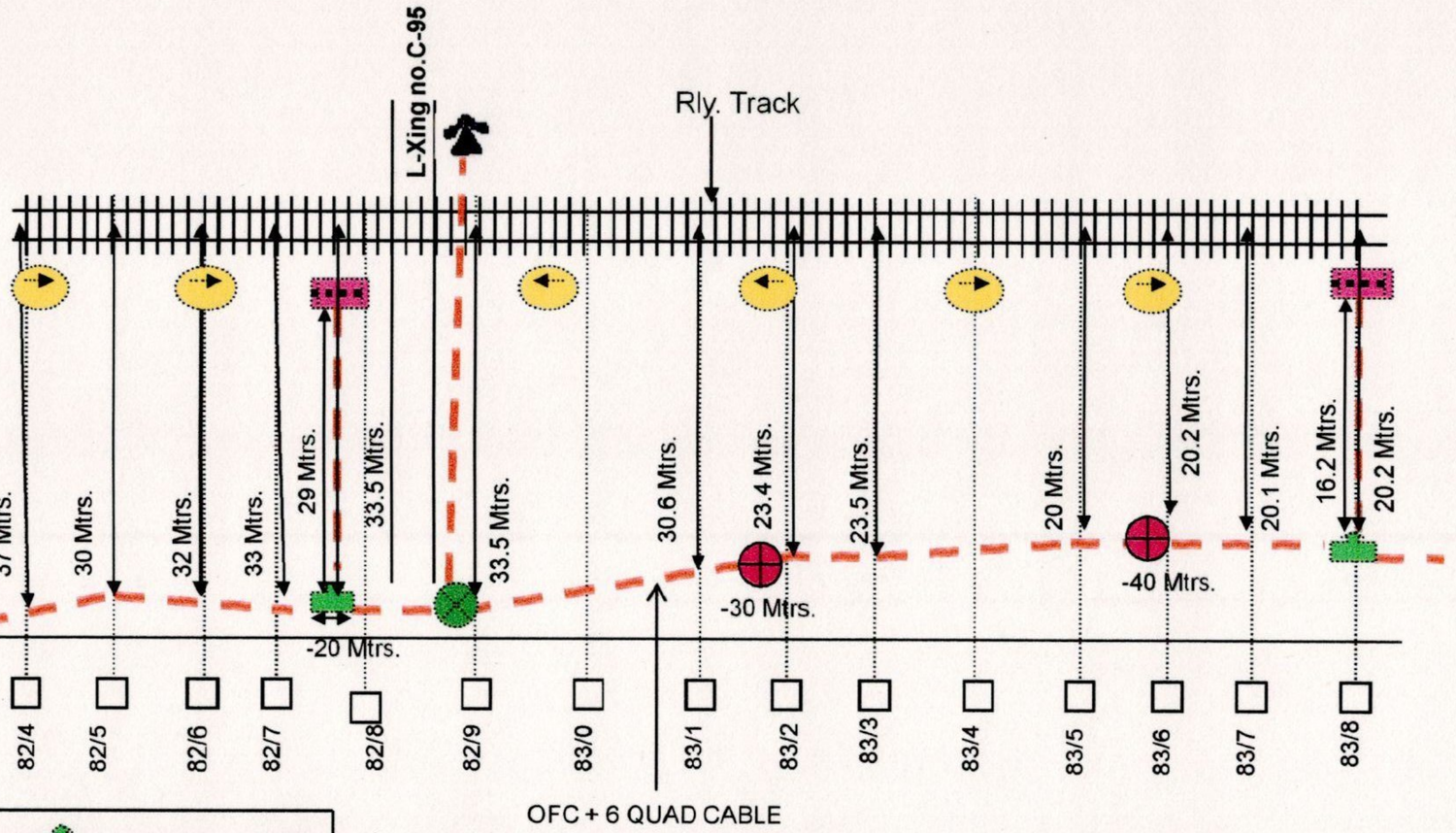
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MAKHU – MALLAWALA KHAS.

JUC END ←

→ FZR END



Emergency joint	Emergency Socket
Derivation joint	Direction pole
Straight joint	
OFC Joint	Gate phone

ROUTE PLAN OFC & 6 QUAD

SUBMITTED BY

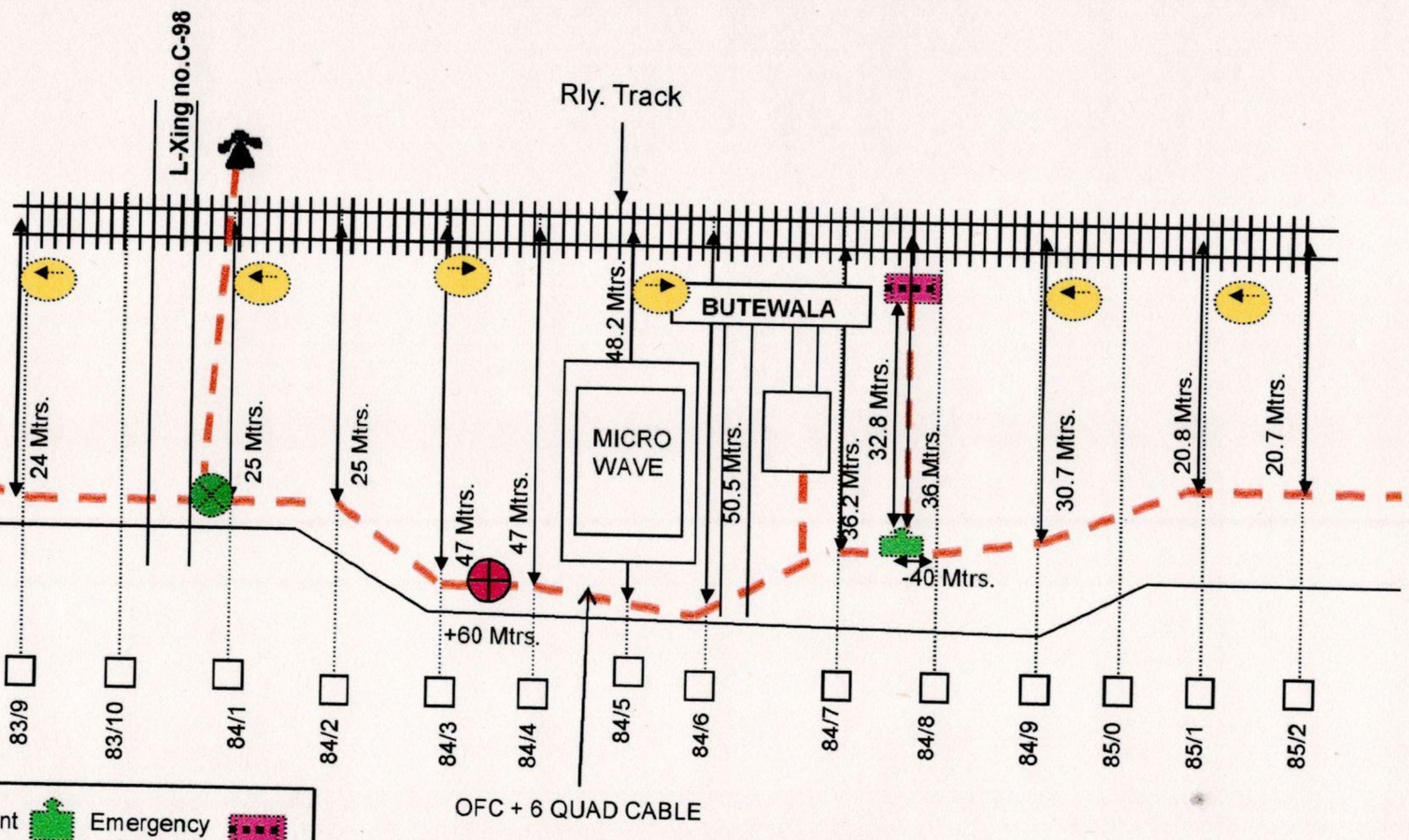
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MAKHU – MALLAWALA KHAS.

JUC END

FZR END



Emergency joint
Derivation joint
Straight joint
OFC Joint
Emergency Socket
Direction pole
Gate phone

ROUTE PLAN OFC & 6 QUAD

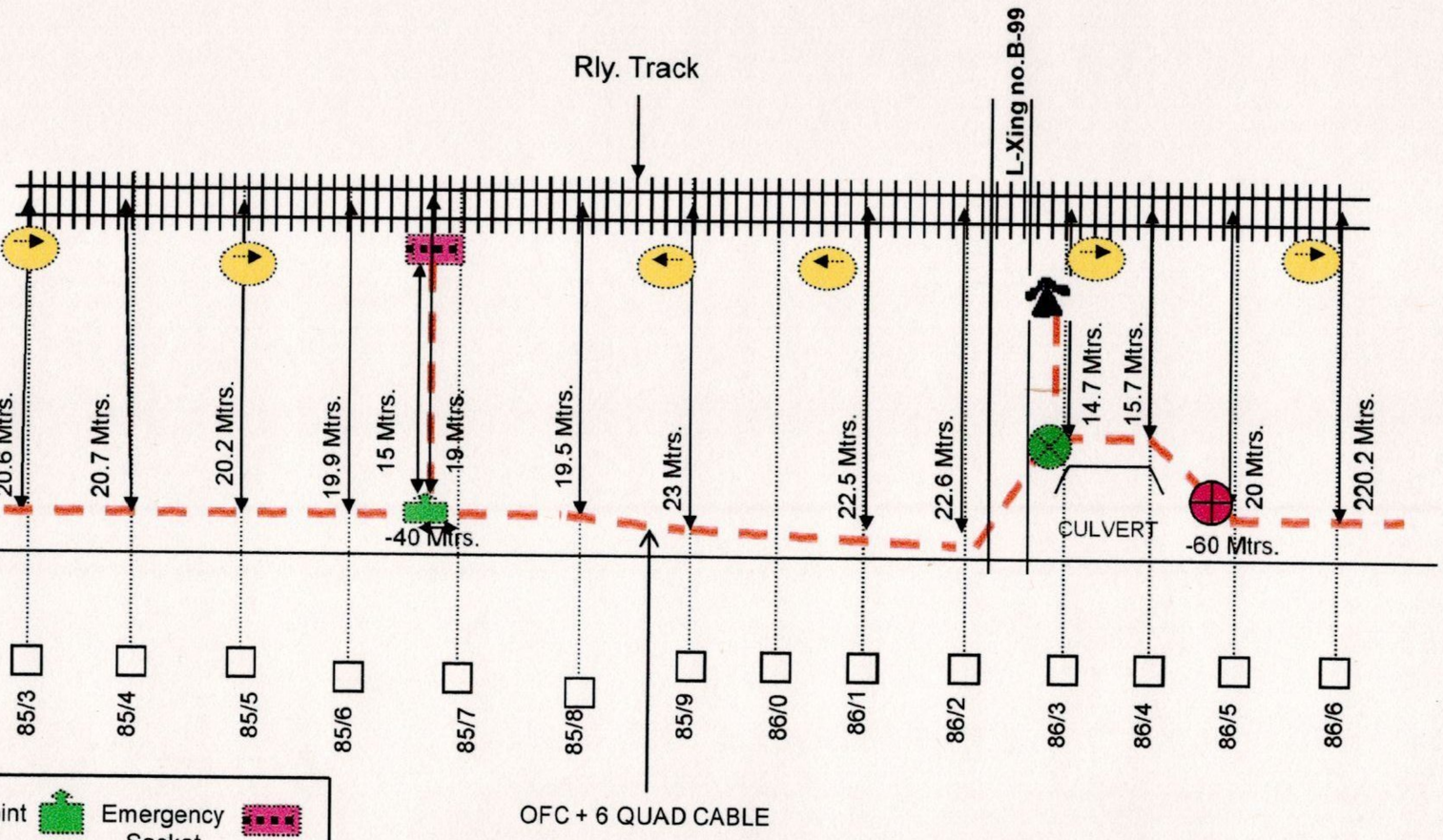
SUBMITTED BY
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MAKHU – MALLAWALA KHAS.

JUC END

FZR END



Emergency joint
Emergency Socket
Derivation joint
Direction pole
Straight joint
OFC Joint
Gate phone

ROUTE PLAN OFC & 6 QUAD

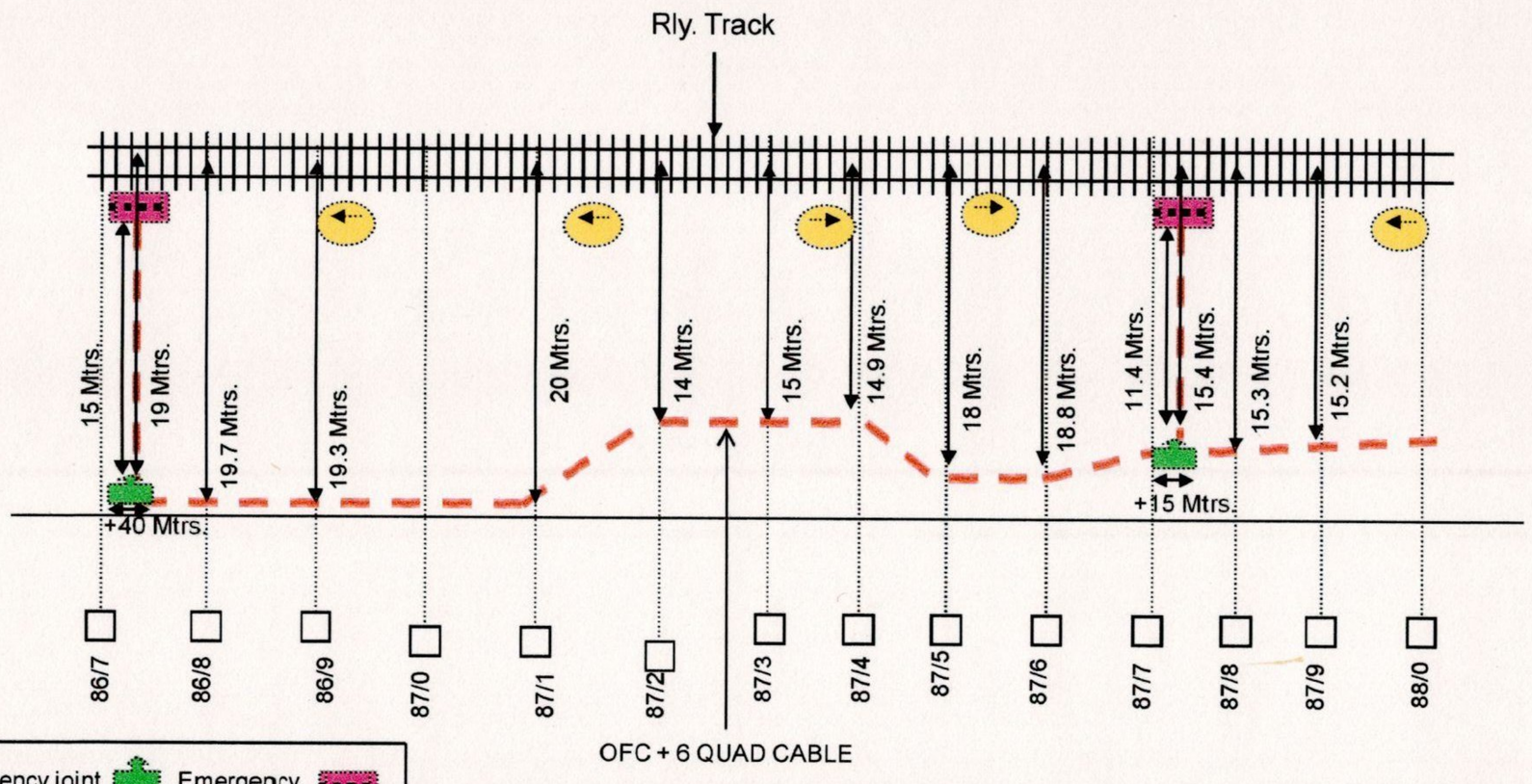
SUBMITTED BY
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MAKHU – MALLAWALA KHAS.

JUC END ←

→ FZR END



Emergency joint
Emergency Socket
Derivation joint
Direction pole
Straight joint
OFC Joint
Gate phone

ROUTE PLAN OFC & 6 QUAD

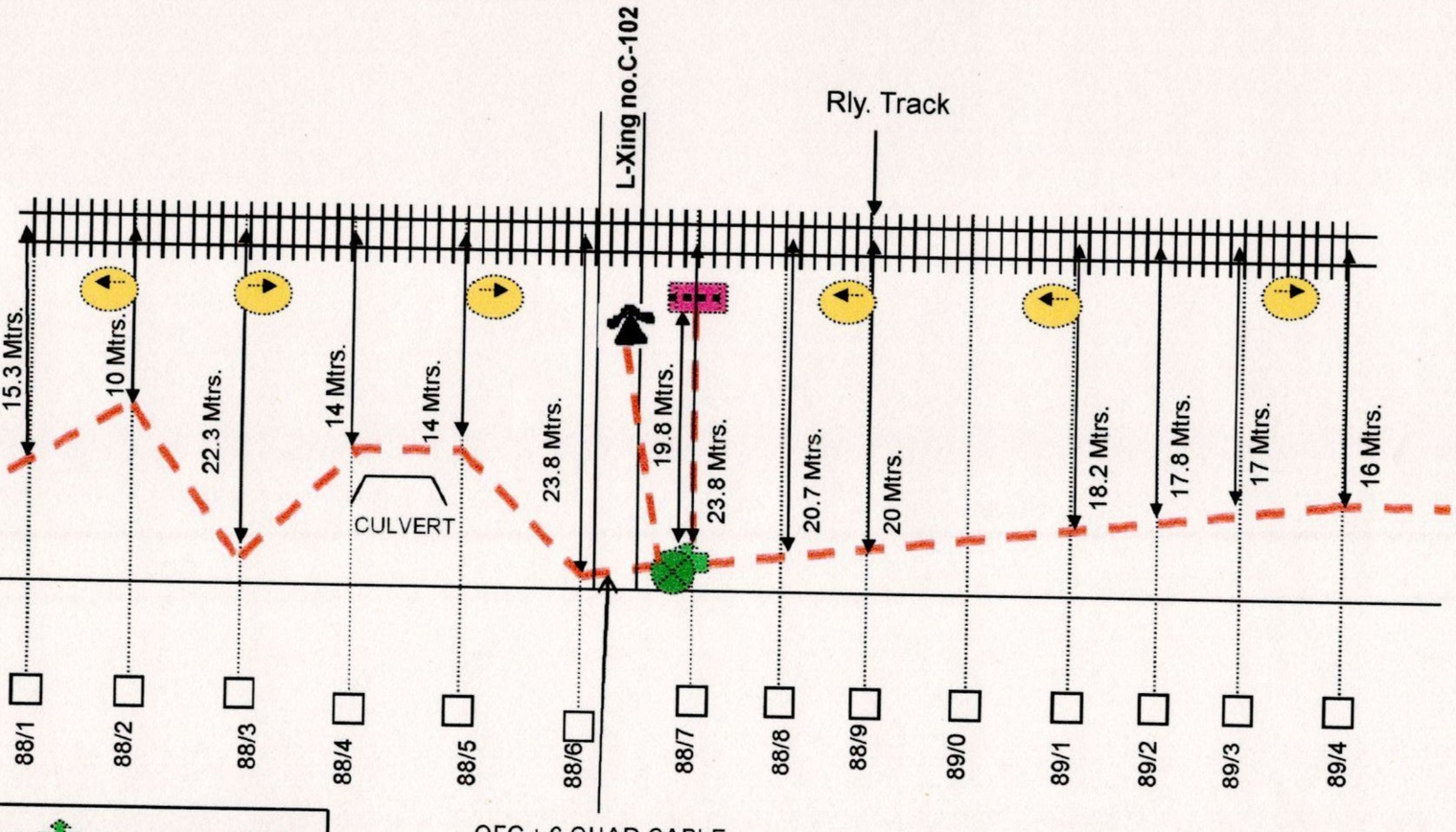
SUBMITTED BY
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MAKHU – MALLAWALA KHAS.

JUC END

FZR END



Emergency joint

Emergency Socket

Derivation joint

Direction pole

Straight joint

OFC Joint

Gate phone

ROUTE PLAN OFC & 6 QUAD

SUBMITTED BY

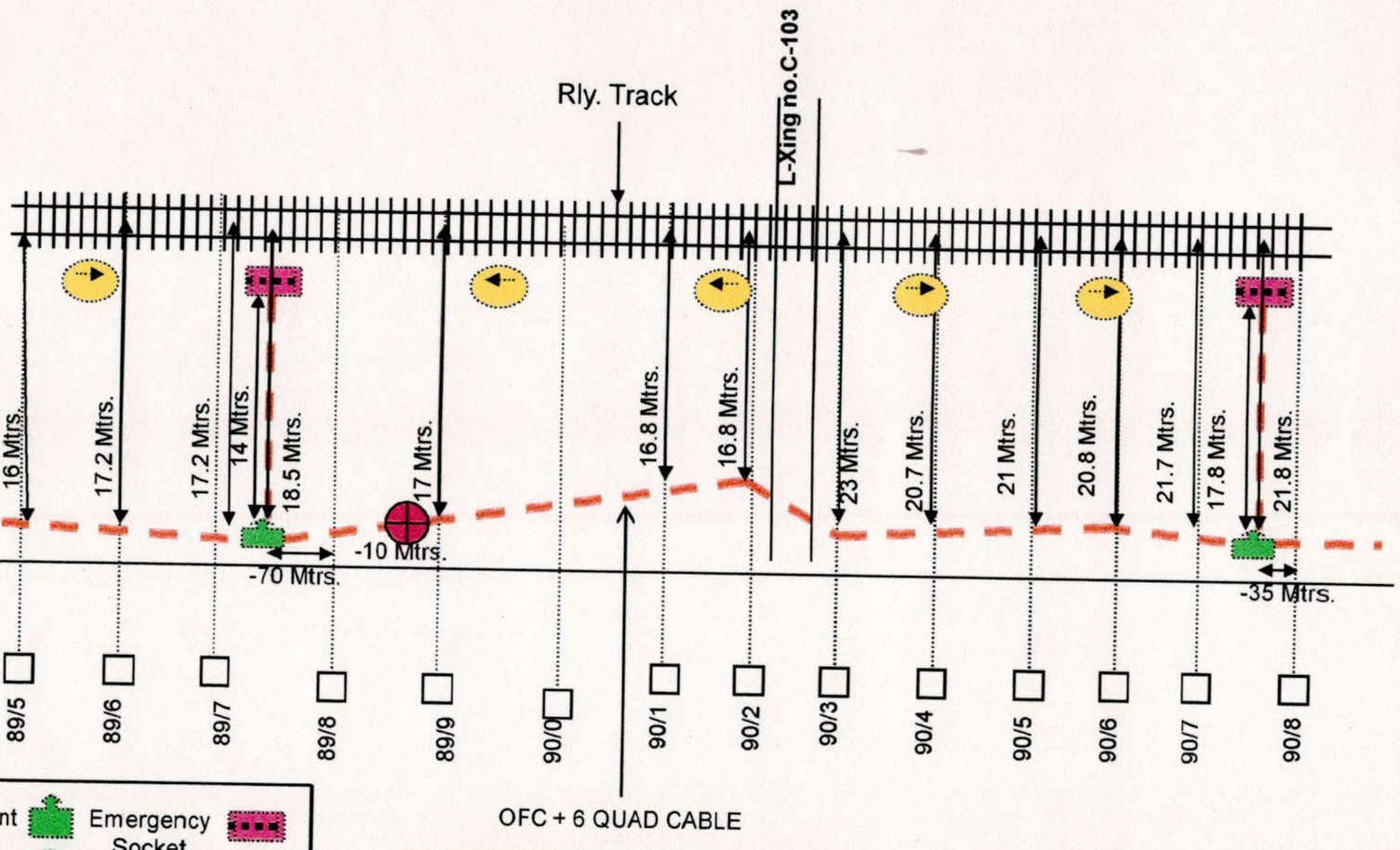
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MAKHU – MALLAWALA KHAS.

JUC END

FZR END



Emergency joint

Emergency Socket

Derivation joint

Direction pole

Straight joint

OFC Joint

Gate phone

ROUTE PLAN OFC & 6 QUAD

SUBMITTED BY

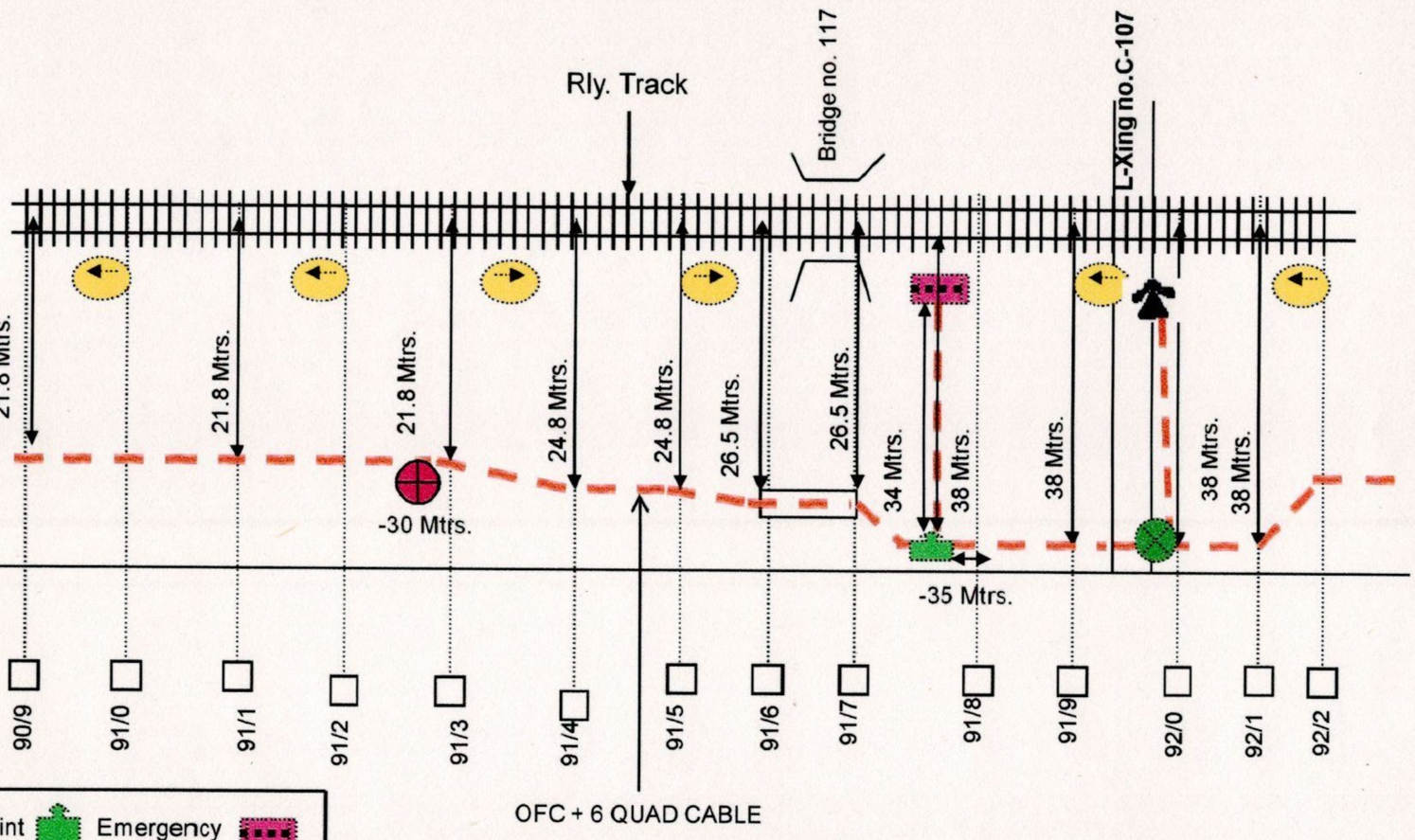
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MAKHU – MALLAWALA KHAS.

JUC END

FZR END



Emergency joint
Emergency Socket
Derivation joint
Direction pole
Straight joint
OFC Joint
Gate phone

ROUTE PLAN OFC & 6 QUAD

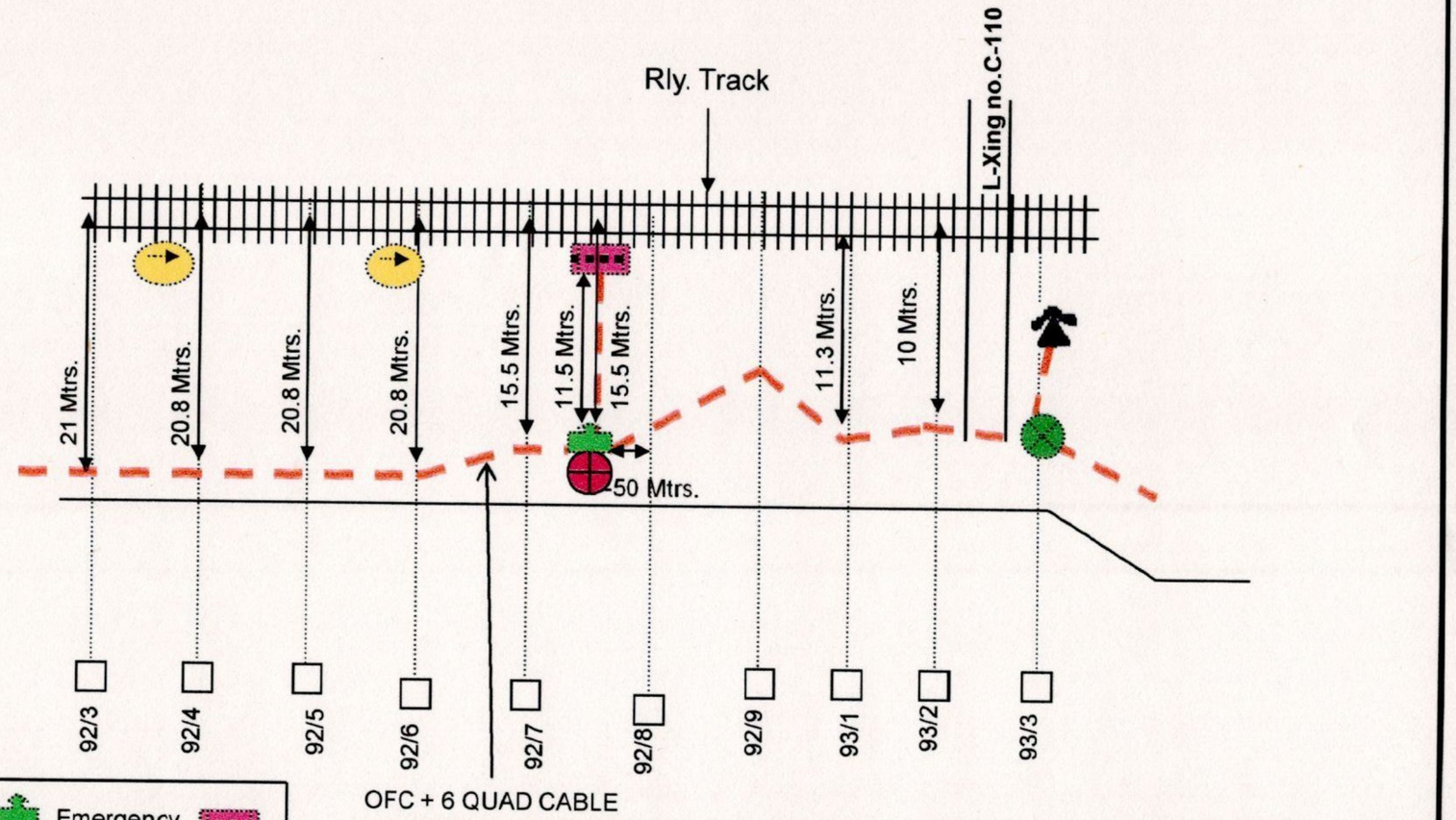
SUBMITTED BY
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

JUC END

MAKHU – MALLAWALA KHAS.

FZR END



Emergency joint
Emergency Socket
Derivation joint
Direction pole
Straight joint
OFC Joint
Gate phone

ROUTE PLAN OFC & 6 QUAD

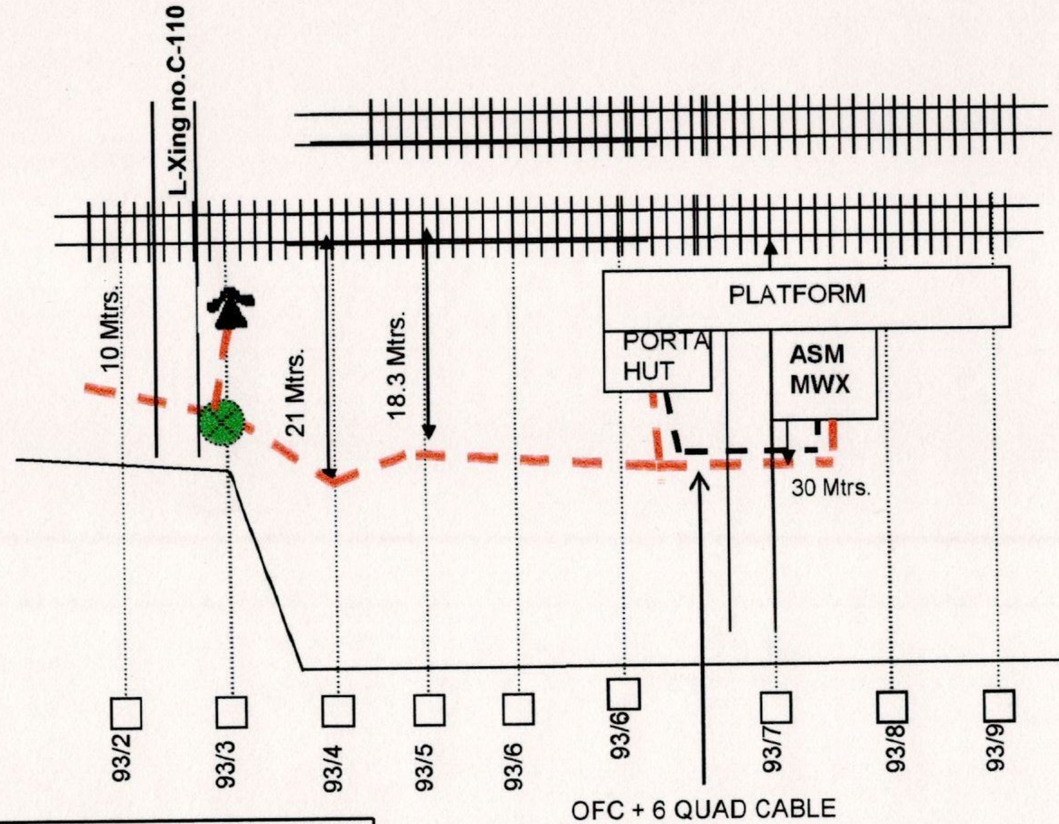
SUBMITTED BY
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MAKHU – MALLAWALA KHAS.

JUC END ←

→ FZR END



Emergency joint
Emergency Socket
Derivation joint
Direction pole
Straight joint
OFC Joint
Gate phone

ROUTE PLAN OFC & 6 QUAD

SUBMITTED BY
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

NORTHERAN RAILWAY

CABLE ROUTE PLAN

FOR

MALLAWALA KHAS

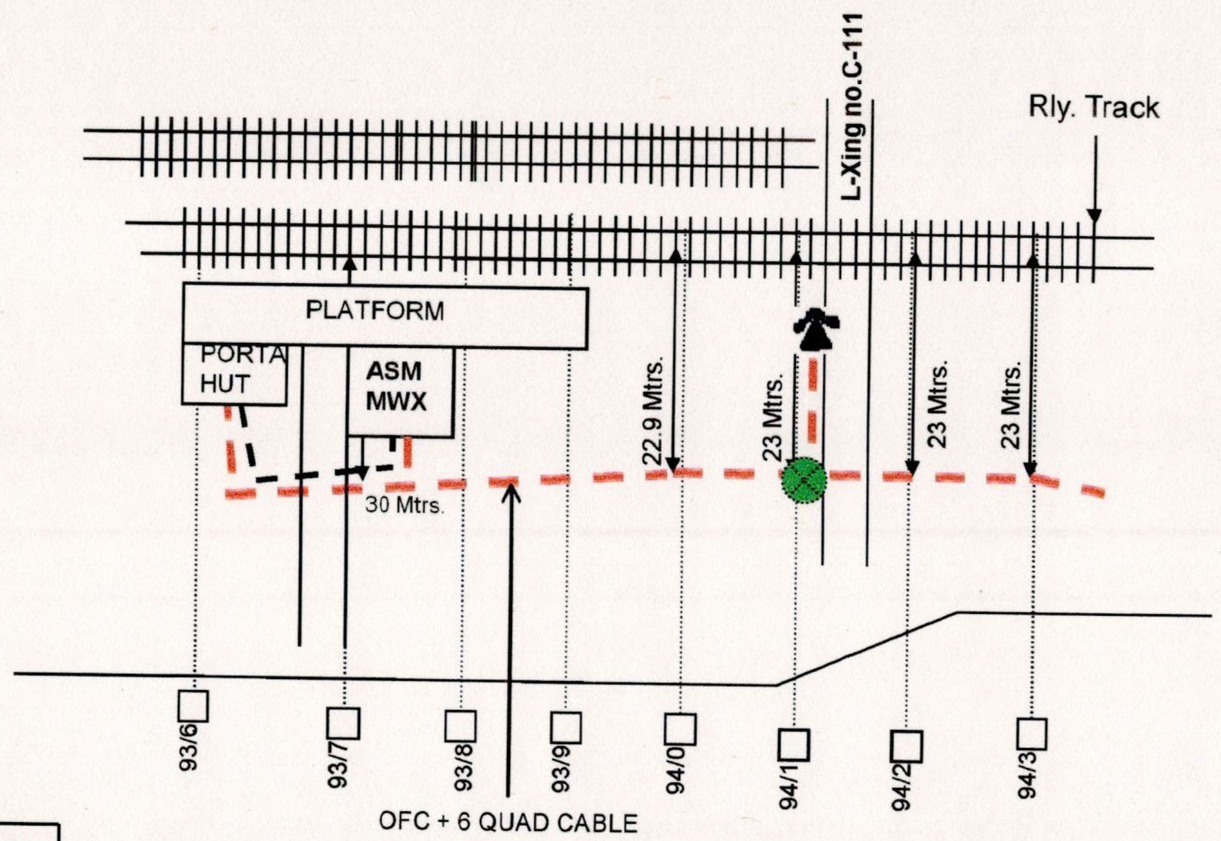
TO

MAHALAM

MALLAWALA KHAS - MAHALAM

JUC END

FZR END



Emergency joint
Emergency Socket
Derivation joint
Direction pole
Straight joint
OFC Joint
Gate phone

ROUTE PLAN OFC & 6 QUAD

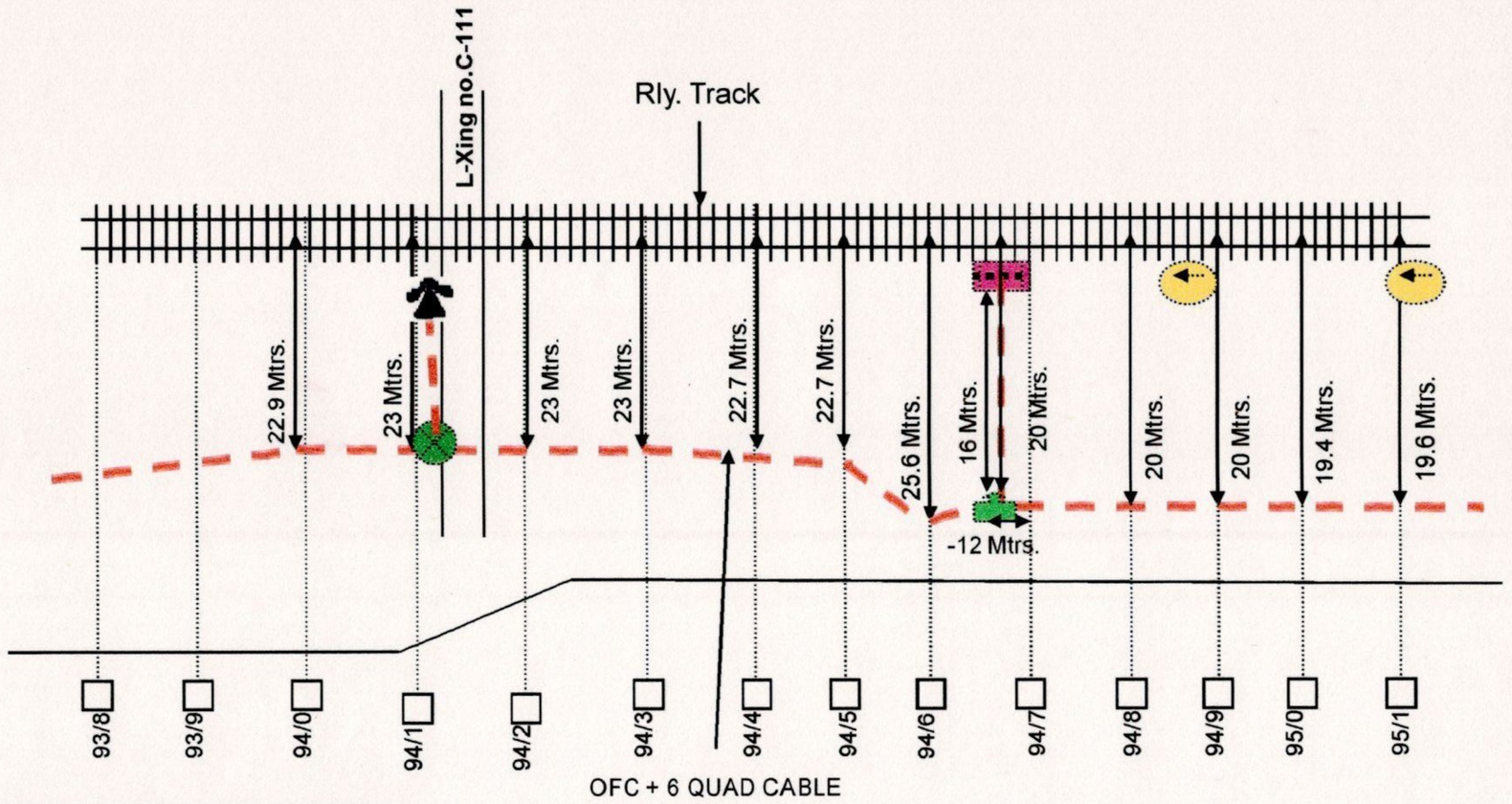
SUBMITTED BY
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MALLAWALA KHAS - MAHALAM

JUC END

FZR END



Emergency joint

Emergency Socket

Derivation joint

Direction pole

Straight joint

OFC Joint

Gate phone

ROUTE PLAN OFC & 6 QUAD

SUBMITTED BY

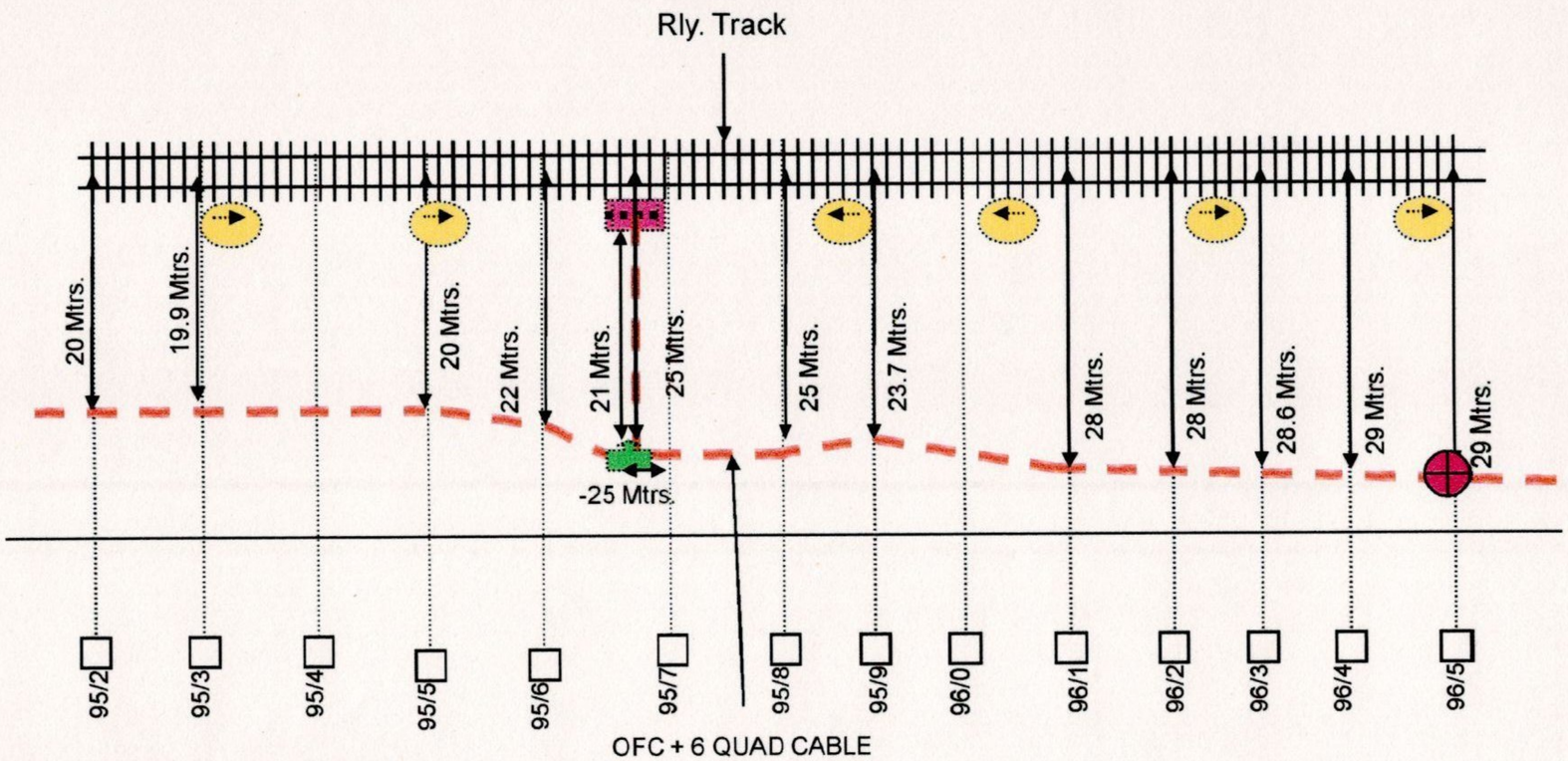
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MALLAWALA KHAS - MAHALAM

JUC END

FZR END



Emergency joint

Emergency Socket

Derivation joint

Direction pole

Straight joint

OFC Joint

Gate phone

ROUTE PLAN OFC & 6 QUAD

SUBMITTED BY

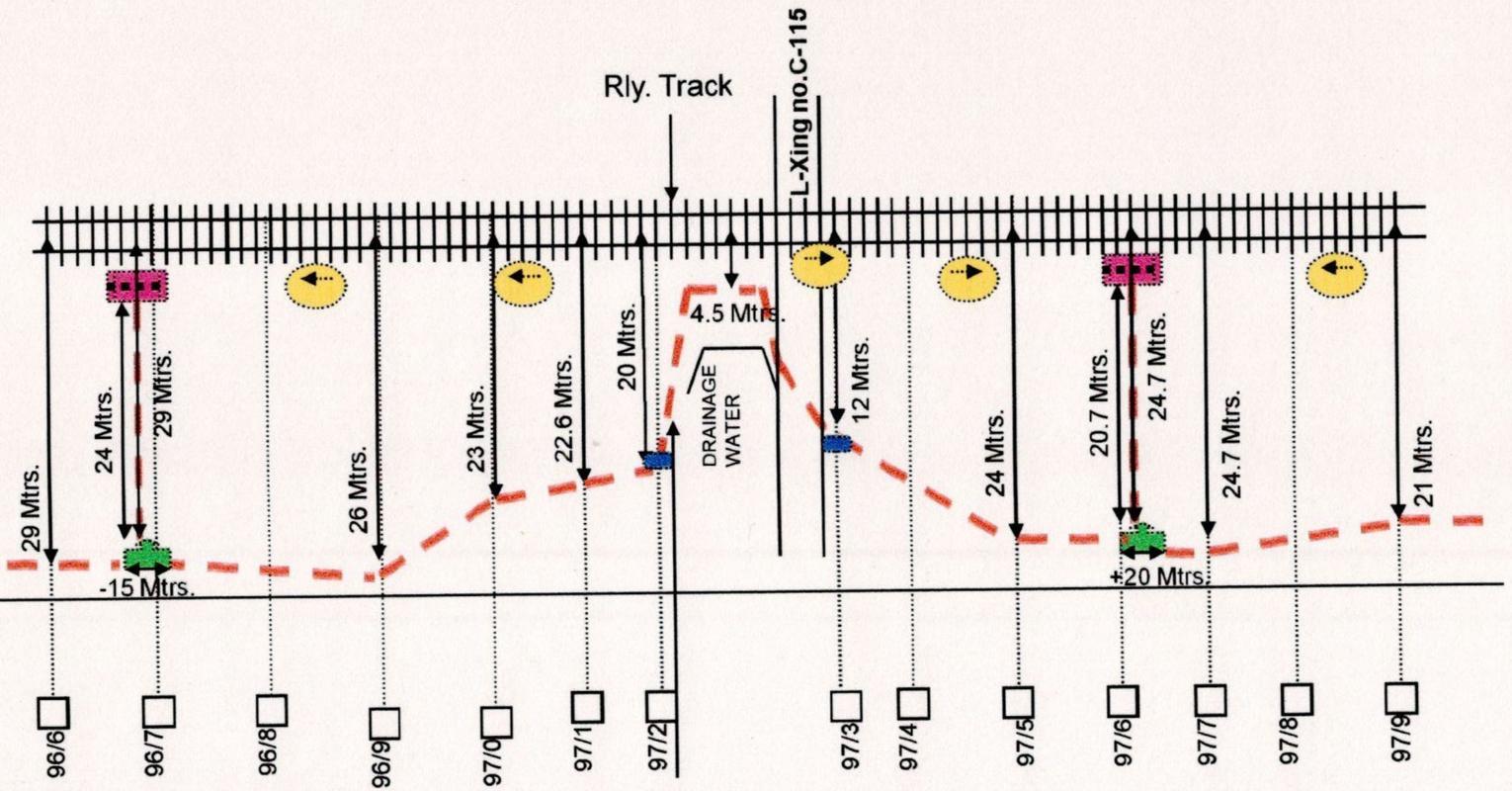
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MALLAWALA KHAS - MAHALAM

JUC END

FZR END



Emergency joint

Emergency Socket

Derivation joint

Direction pole

Straight joint

OFC Joint

Gate phone

ROUTE PLAN OFC & 6 QUAD

SUBMITTED BY

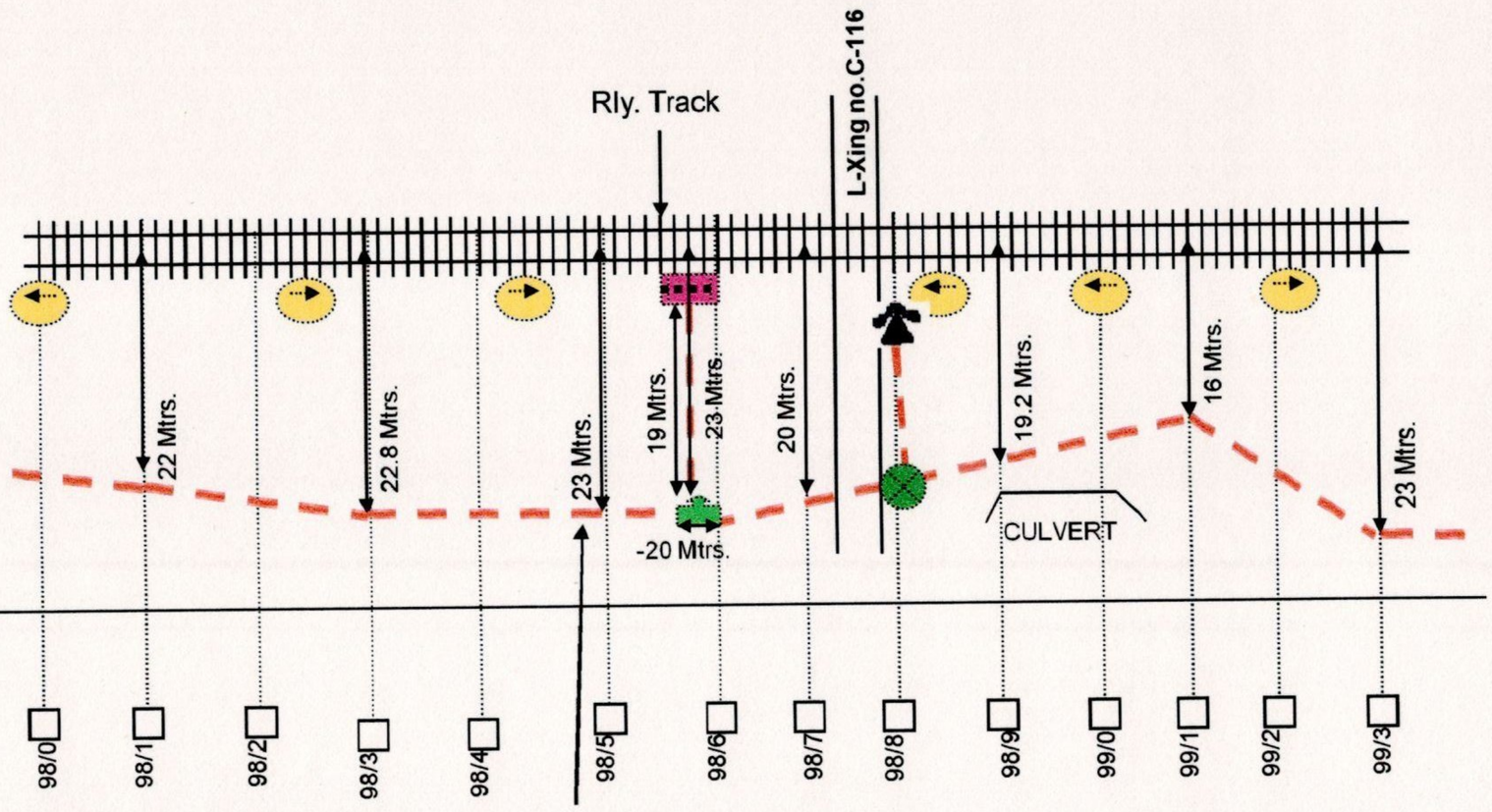
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MALLAWALA KHAS - MAHALAM

JUC END

FZR END



OFC + 6 QUAD CABLE

Emergency joint
Emergency Socket
Derivation joint
Direction pole
Straight joint
OFC Joint
Gate phone

ROUTE PLAN OFC & 6 QUAD

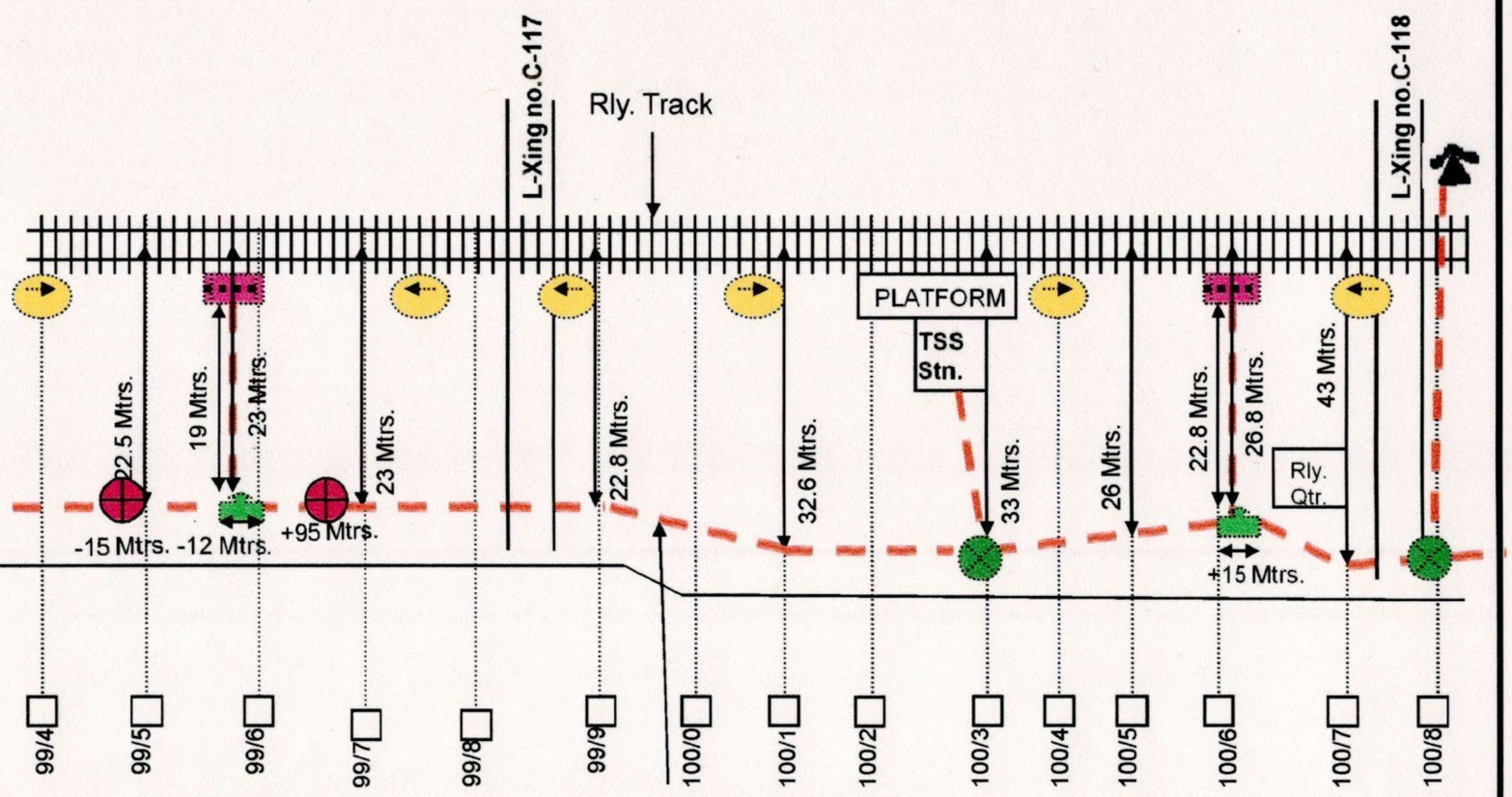
SUBMITTED BY
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MALLAWALA KHAS - MAHALAM

JUC END

FZR END



OFC + 6 QUAD CABLE

Emergency joint	Emergency Socket
Derivation joint	Direction pole
Straight joint	
OFC Joint	Gate phone

ROUTE PLAN OFC & 6 QUAD

SUBMITTED BY

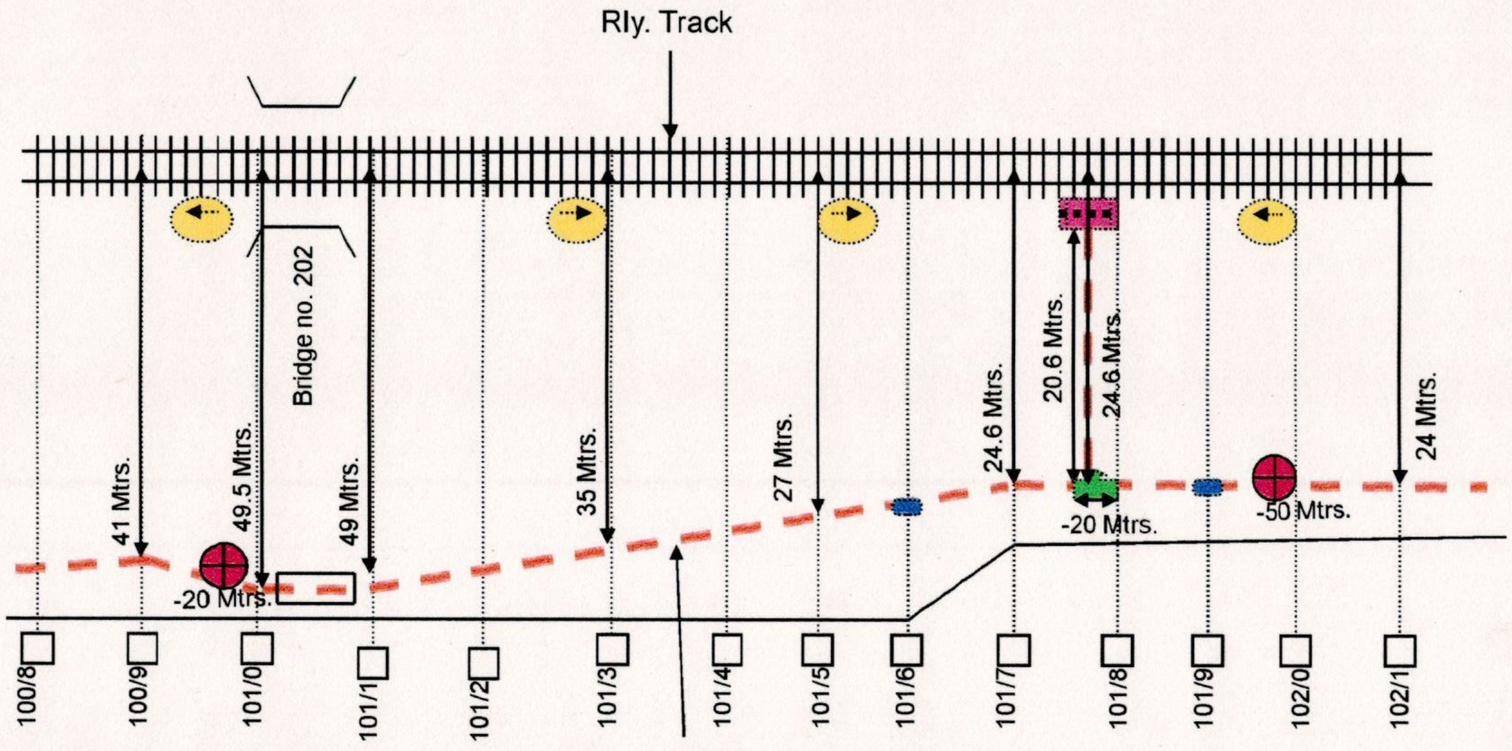
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MALLAWALA KHAS - MAHALAM

JUC END

FZR END



Emergency joint

Emergency Socket

Derivation joint

Direction pole

Straight joint

OFC Joint

Gate phone

ROUTE PLAN OFC & 6 QUAD

SUBMITTED BY

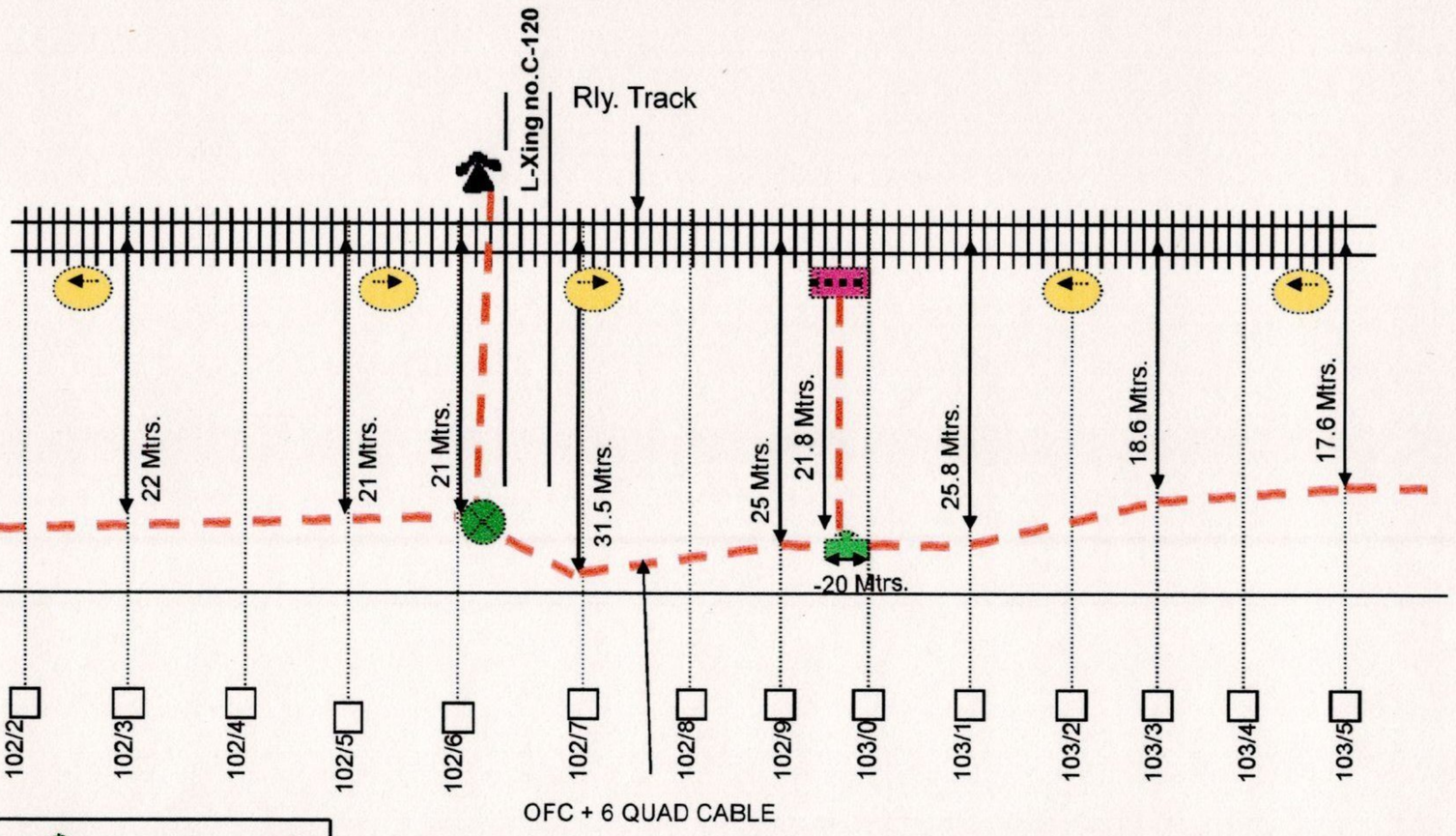
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MALLAWALA KHAS - MAHALAM

JUC END

FZR END



OFC + 6 QUAD CABLE

Emergency joint
Emergency Socket
Derivation joint
Direction pole
Straight joint
OFC Joint
Gate phone

ROUTE PLAN OFC & 6 QUAD

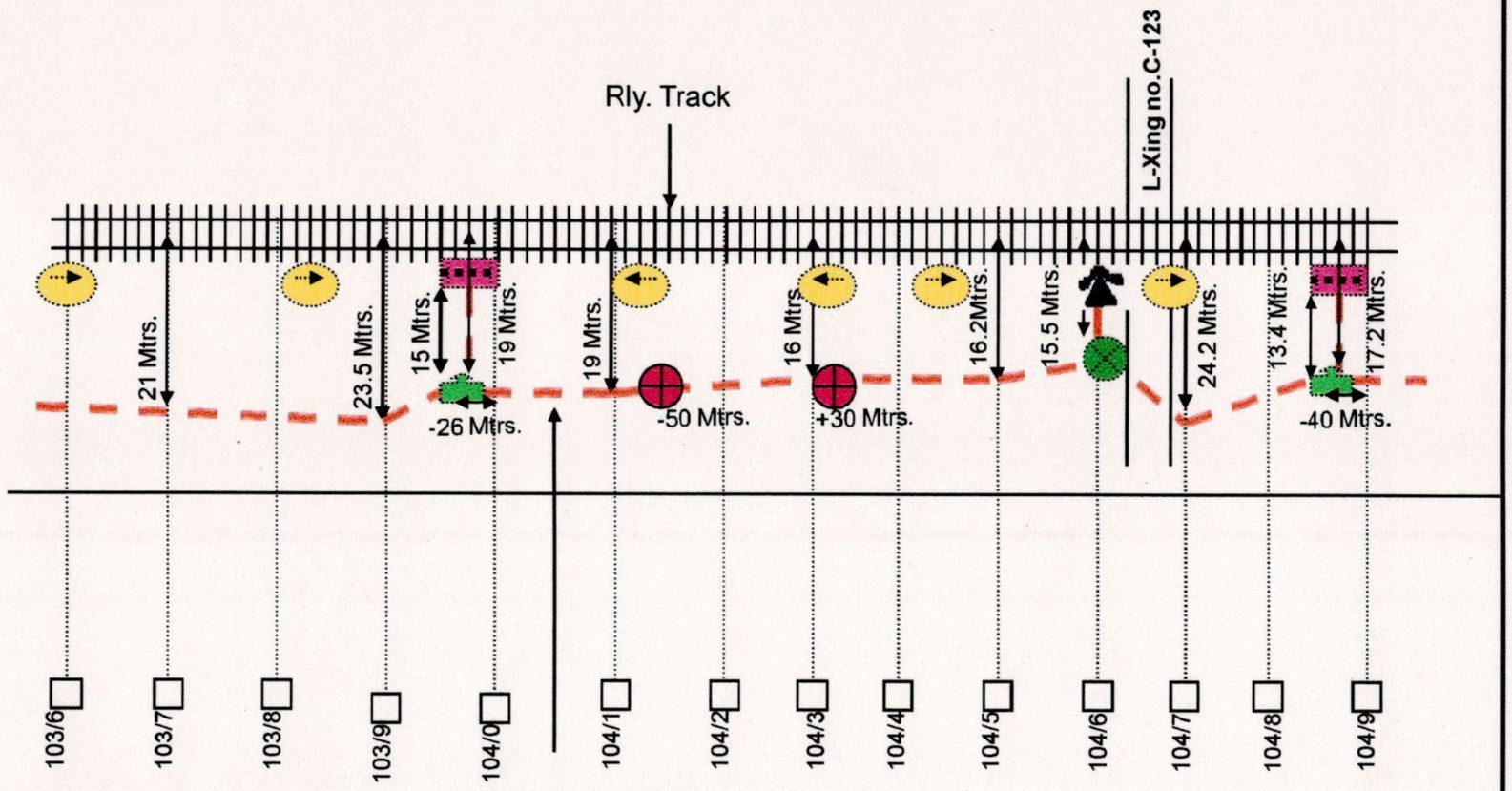
SUBMITTED BY
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

JUC END

MALLAWALA KHAS - MAHALAM

FZR END



OFC + 6 QUAD CABLE

Emergency joint
Emergency Socket
Derivation joint
Direction pole
Straight joint
OFC Joint
Gate phone

ROUTE PLAN OFC & 6 QUAD

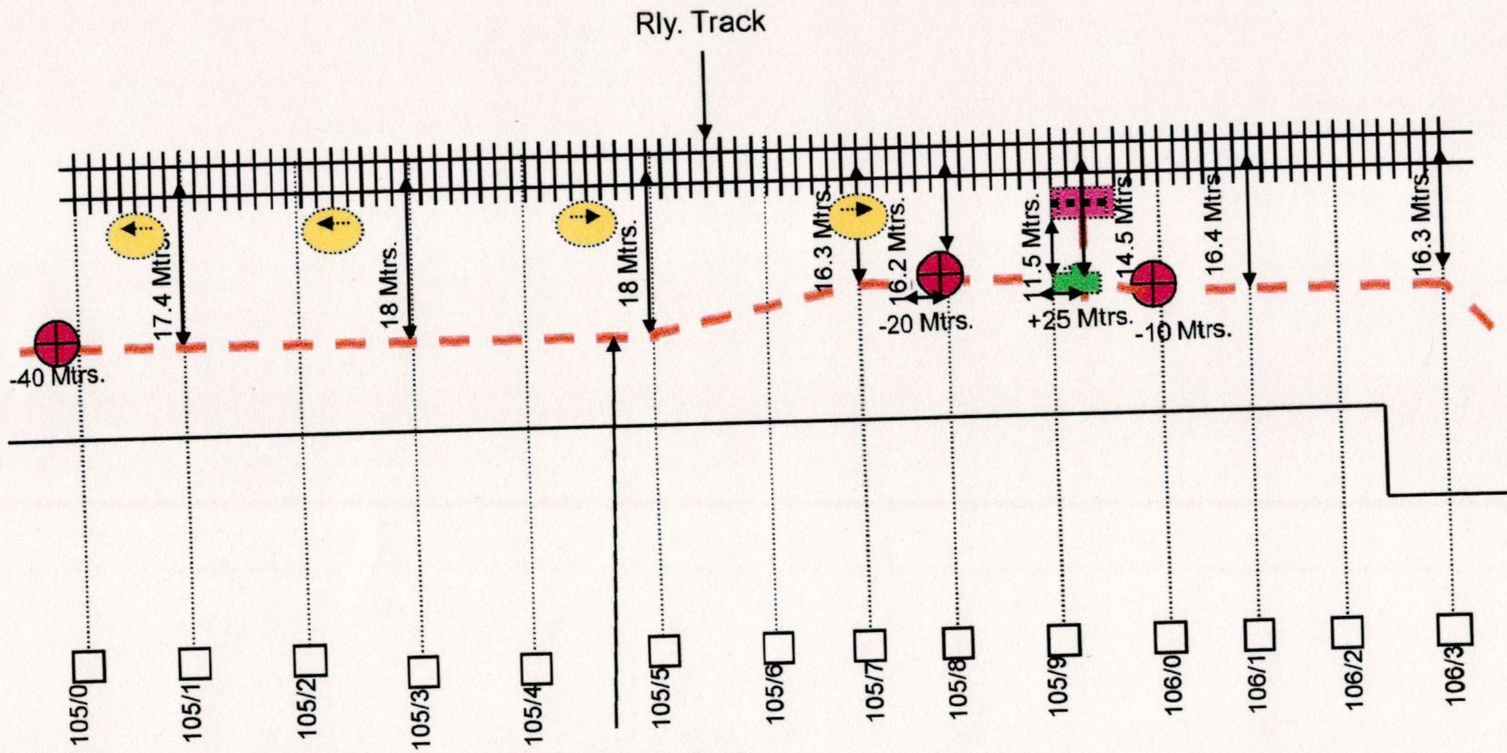
SUBMITTED BY
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MALLAWALA KHAS - MAHALAM

JUC END

FZR END



Emergency joint — Emergency Socket

Derivation joint — Direction pole

Straight joint

OFC Joint — Gate phone

ROUTE PLAN OFC & 6 QUAD

SUBMITTED BY

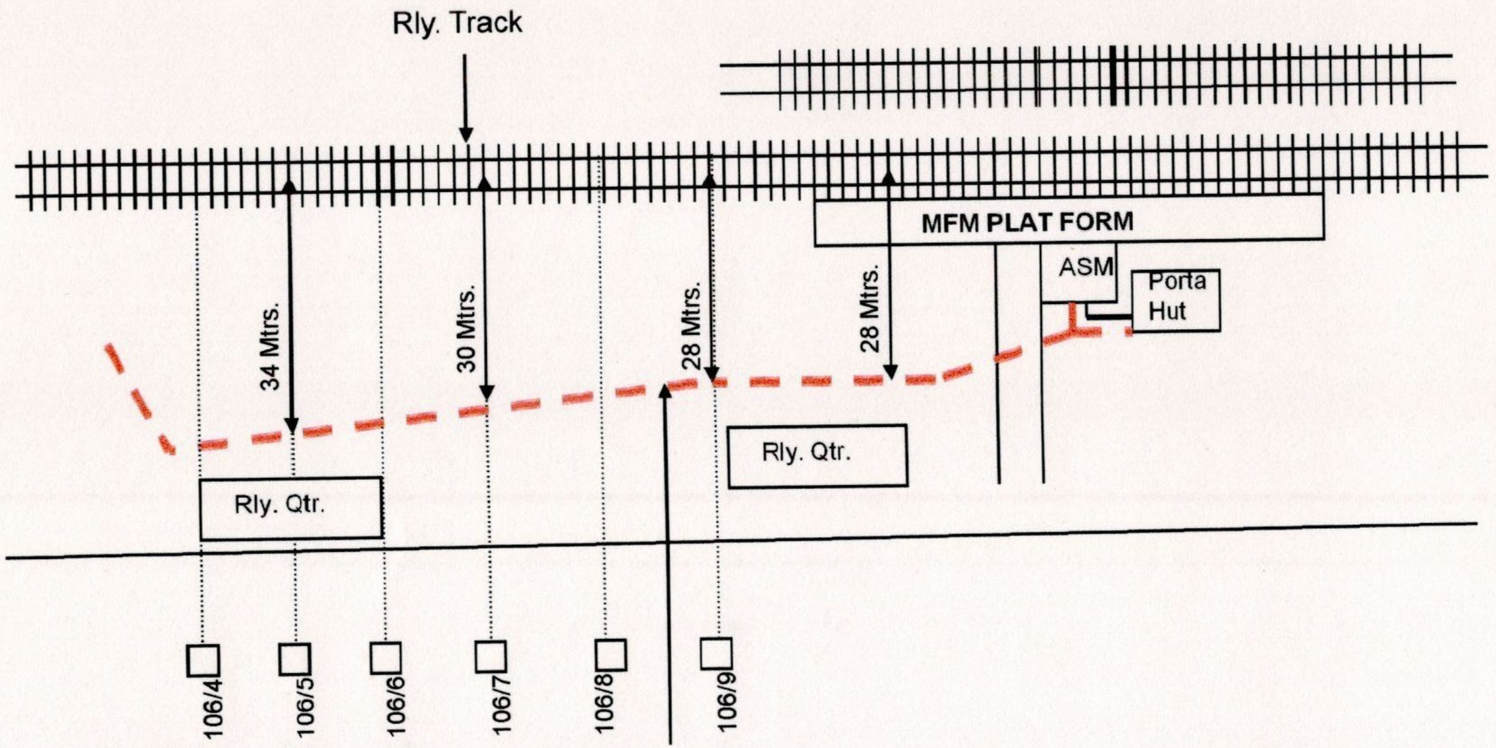
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

JUC END

MALLAWALA KHAS - MAHALAM

FZR END



Emergency joint		Emergency Socket	
Derivation joint		Direction pole	
Straight joint			
OFC Joint		Gate phone	

ROUTE PLAN OFC & 6 QUAD

SUBMITTED BY

FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

NORTHERAN RAILWAY

CABLE ROUTE PLAN

FOR

MAHALAM

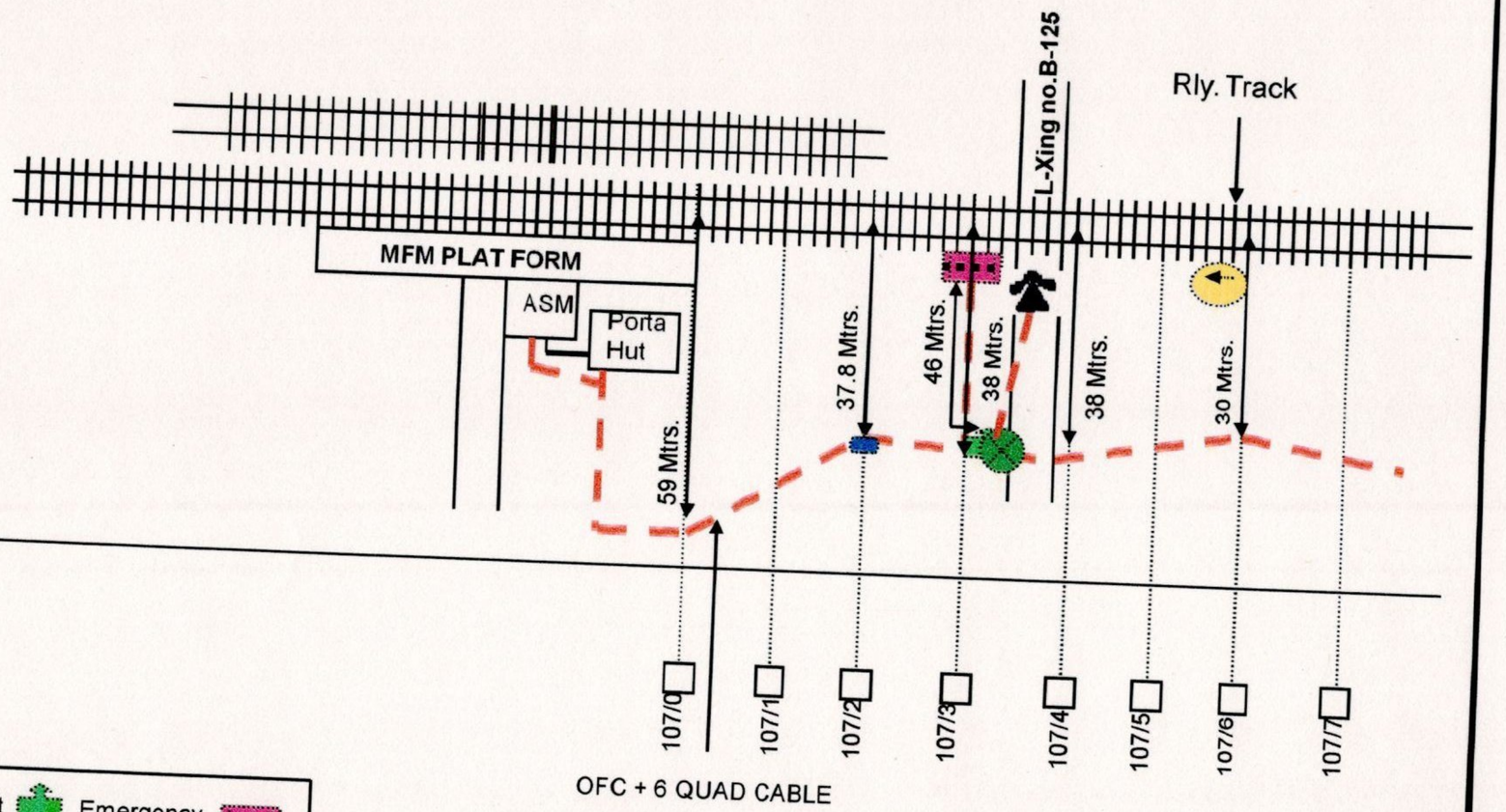
TO

FIROZEPUR

MAHALAM – FIROZEPUR CANTT.

JUC END

FZR END



Emergency joint — Emergency Socket

Derivation joint — Direction pole

Straight joint

OFC Joint — Gate phone

ROUTE PLAN OFC & 6 QUAD

SUBMITTED BY

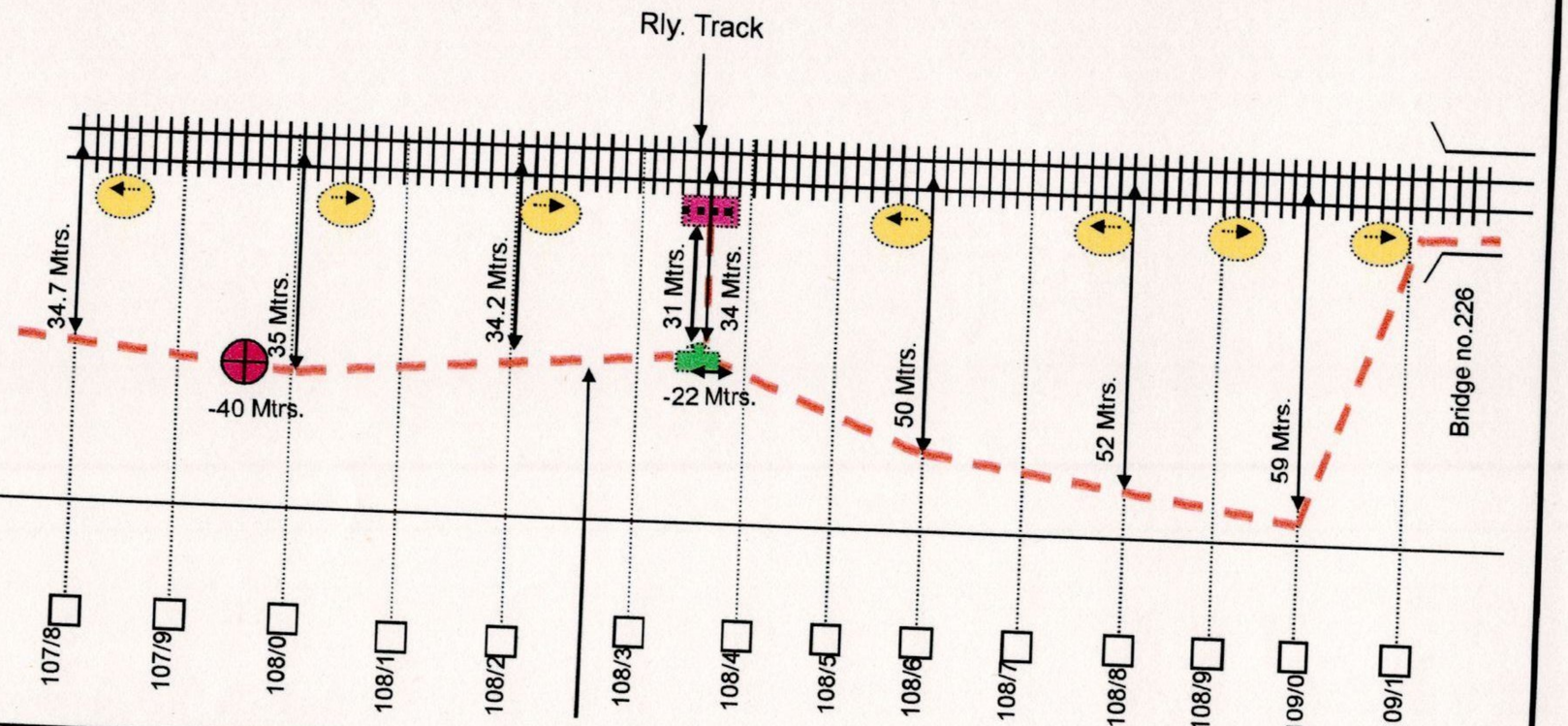
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MAHALAM – FIROZEPUR CANTT.

JUC END

FZR END



OFC + 6 QUAD CABLE

Emergency joint
Emergency Socket
Derivation joint
Direction pole
Straight joint
OFC Joint
Gate phone

ROUTE PLAN OFC & 6 QUAD

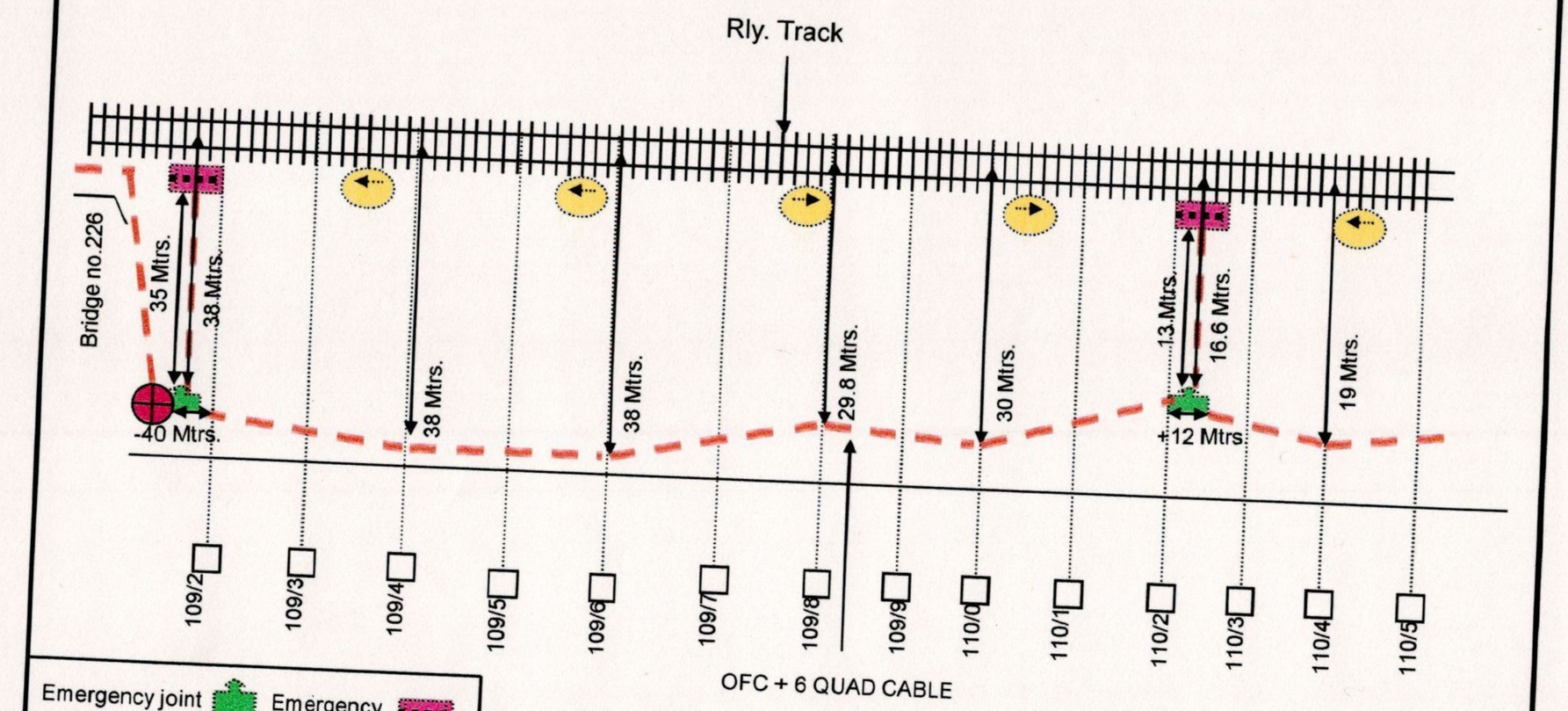
SUBMITTED BY
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MAHALAM – FIROZEPUR CANTT.

JUC END

FZR END



Emergency joint

Emergency Socket

Derivation joint

Direction pole

Straight joint

OFC Joint

Gate phone

ROUTE PLAN OFC & 6 QUAD

SUBMITTED BY

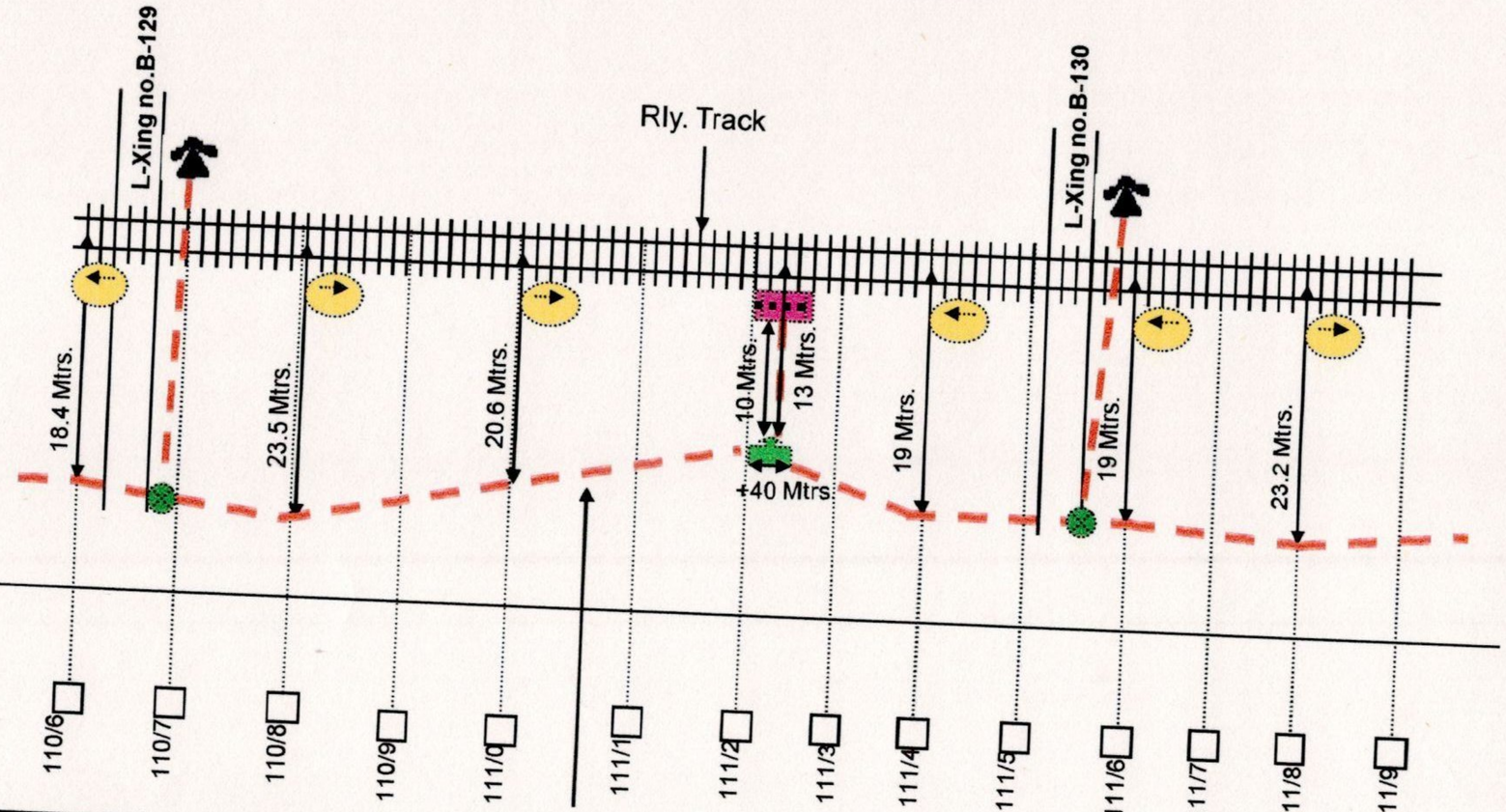
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MAHALAM – FIROZEPUR CANTT.

JUC END

FZR END



Emergency joint
Emergency Socket
Derivation joint
Direction pole
Straight joint
OFC Joint
Gate phone

ROUTE PLAN OFC & 6 QUAD

SUBMITTED BY
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MAHALAM – FIROZEPUR CANTT.

JUC END

FZR END

16 Mtrs.

Rly. Track

L-Xing no.B-131

23 Mtrs.

19 Mtrs.

23 Mtrs.

+13 Mtrs.

28 Mtrs.

28.6 Mtrs.

29 Mtrs.

5 Mtrs.

culvert

22.Mt

26 Mtrs.

+14 Mtrs.

112/0 112/1 112/2 112/3 112/4 112/5 112/6 112/7 112/8 112/9 113/0 113/1 113/2 113/3

OFC + 6 QUAD CABLE

Emergency joint

Emergency Socket

Derivation joint

Direction pole

Straight joint

OFC Joint

Gate phone

ROUTE PLAN OFC & 6 QUAD

SUBMITTED BY

FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MAHALAM – FIROZEPUR CANTT.

JUC END

FZR END

L-Xing no.B-132

L-Xing no.B-133

Rly. Track

22 Mtrs.

26.4 Mtrs.

9.2 Mtrs.

20.5 Mtrs.

19.2 Mtrs.

22.6 Mtrs.

18.4 Mtrs.

18.4 Mtrs.

+40 Mtrs.

-35 Mtrs.

50 Mtrs.

113/4 113/5 113/6 113/7 113/8 113/9 114/0 114/1 114/2 114/3 114/4 114/5 114/6 114/7

OFC + 6 QUAD CABLE

Emergency joint

Emergency Socket

Derivation joint

Direction pole

Straight joint

OFC Joint

Gate phone

ROUTE PLAN OFC & 6 QUAD

SUBMITTED BY

FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MAHALAM – FIROZEPUR CANTT.

JUC END

FZR END

Rly. Track

Rly. Qtr.

Rly. Qtr.

13.5 Mtrs.

29 Mtrs.

16 Mtrs.

+12.4 Mtrs.

18.7 Mtrs.

20.2 Mtrs.

25 Mtrs.

-9 Mtrs.

L-Xing no.B-134

culvert

19 Mtrs.

60 Mtrs.

114/8 114/9 115/0 115/1 115/2 115/3 115/4 115/5 115/6 115/7 115/8 115/9 116/0 116/1

OFC + 6 QUAD CABLE

Emergency joint

Emergency Socket

Derivation joint

Direction pole

Straight joint

OFC Joint

Gate phone

ROUTE PLAN OFC & 6 QUAD

SUBMITTED BY

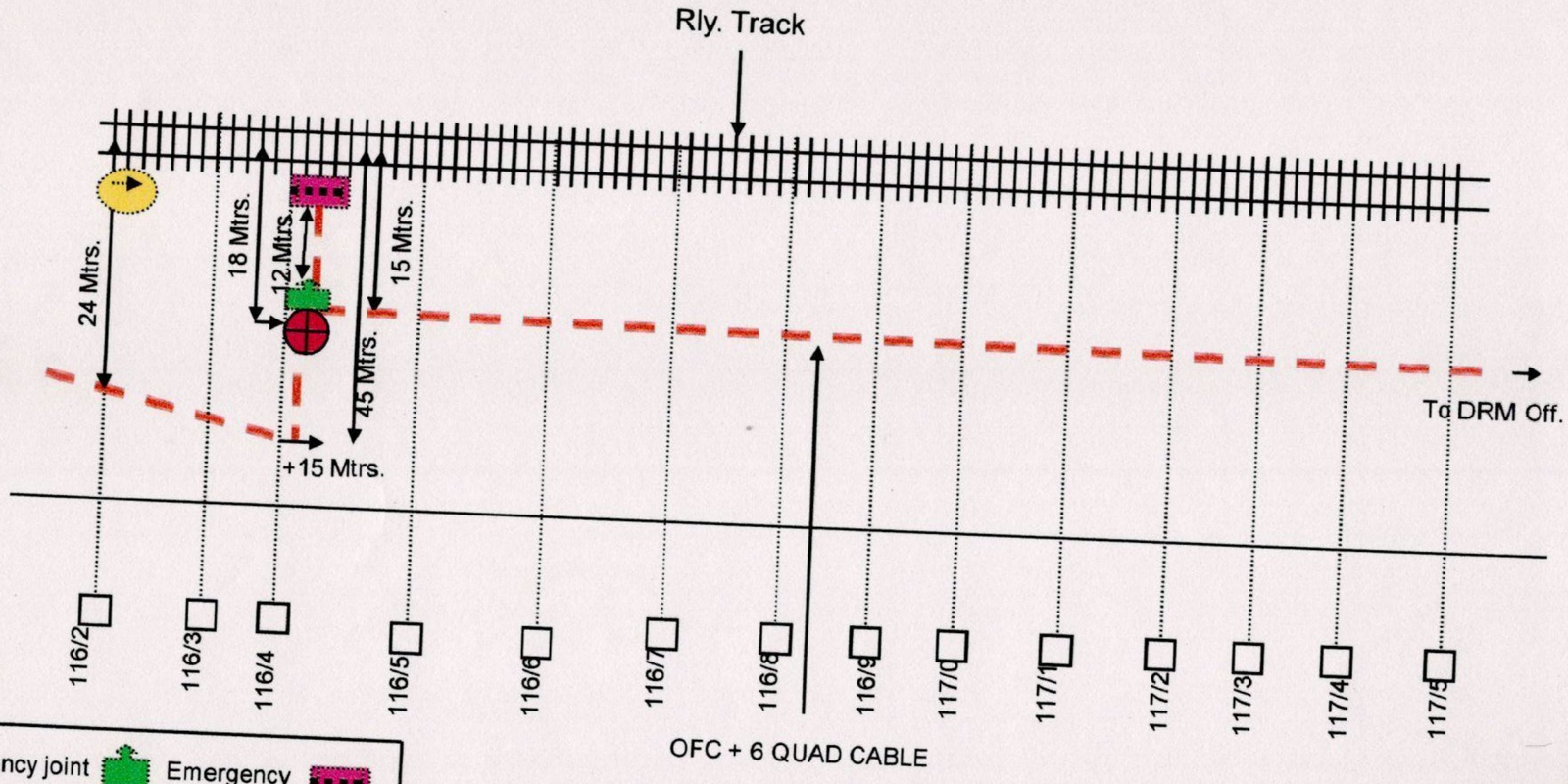
FIBCOM LTD. NEW DELHI

SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

MAHALAM – FIROZEPUR CANTT.

JUC END

FZR END



Emergency joint

Emergency Socket

Derivation joint

Direction pole

Straight joint

OFC Joint

Gate phone

ROUTE PLAN OFC & 6 QUAD

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SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR