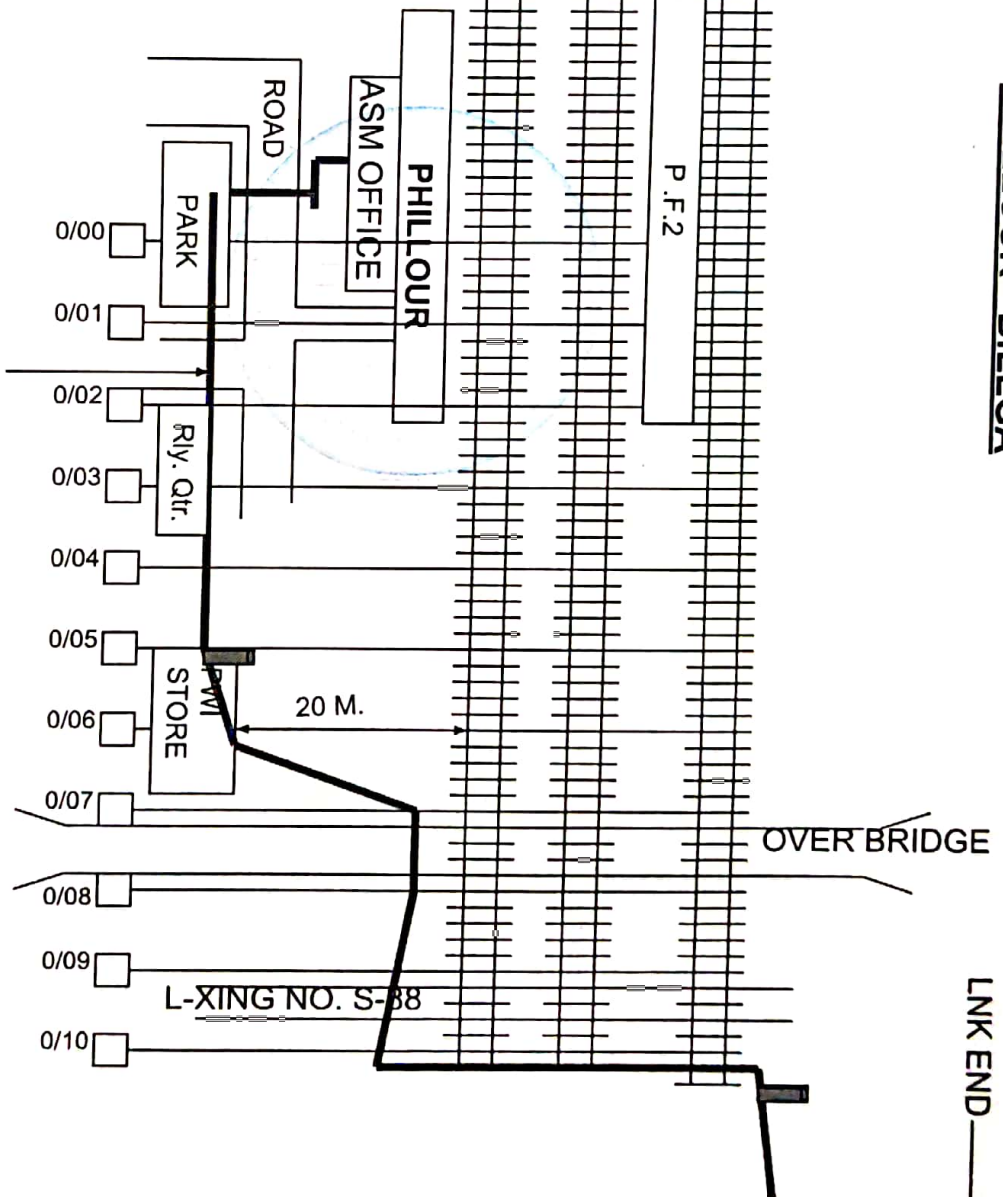


PHR END →

PHILLOUR - BILLGA

→ LNK END

MAIN LINE



6 QUAD CABLE

Emergency joint
Derivation joint
Straight joint
Emergency Socket
Direction pole
Root indicator
Gate phone

PHR END

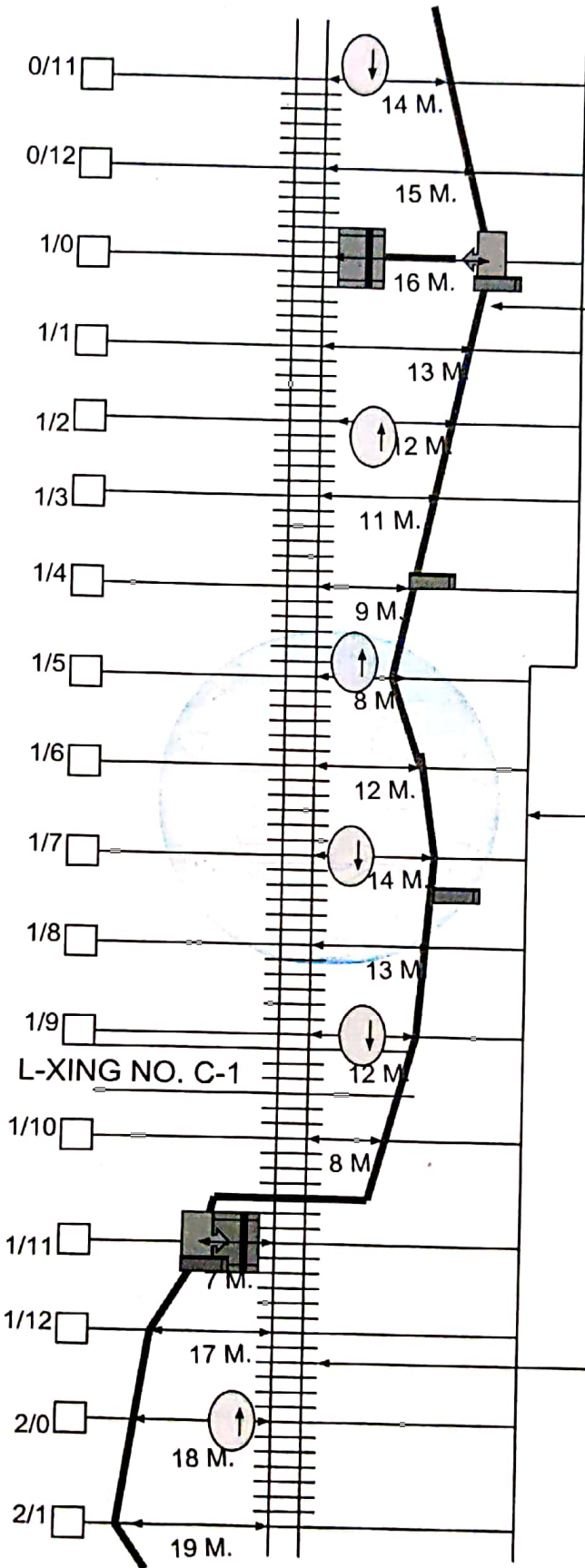
PHILLOUR - BILLGA

LNK END

6 QUAD CABLE

Rly. Boundary

Rly. Track



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

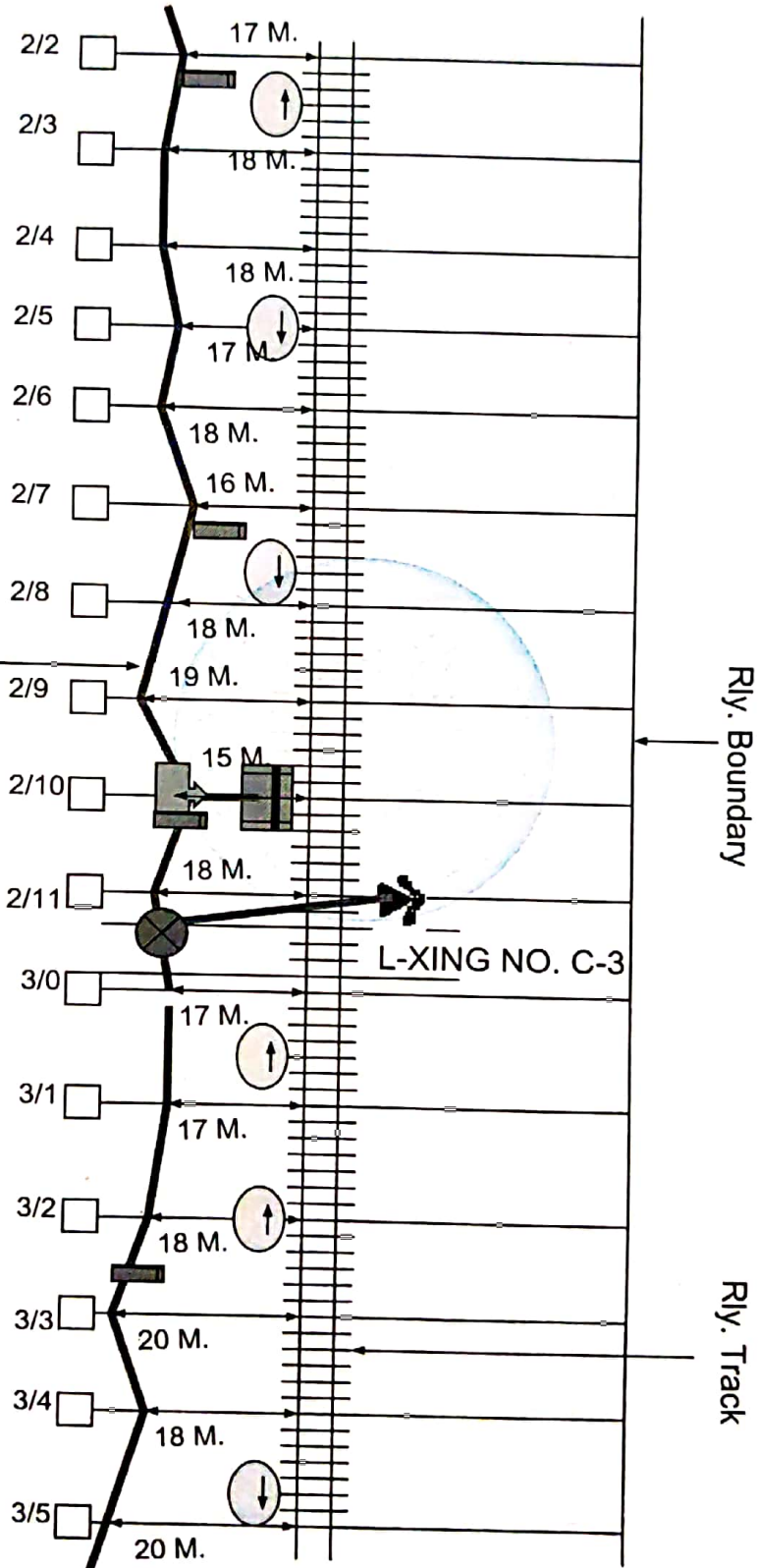
Emergency joint
Derivation joint
Straight joint
Emergency Socket
Direction pole
Root indicator
Gate phone



PHR END →

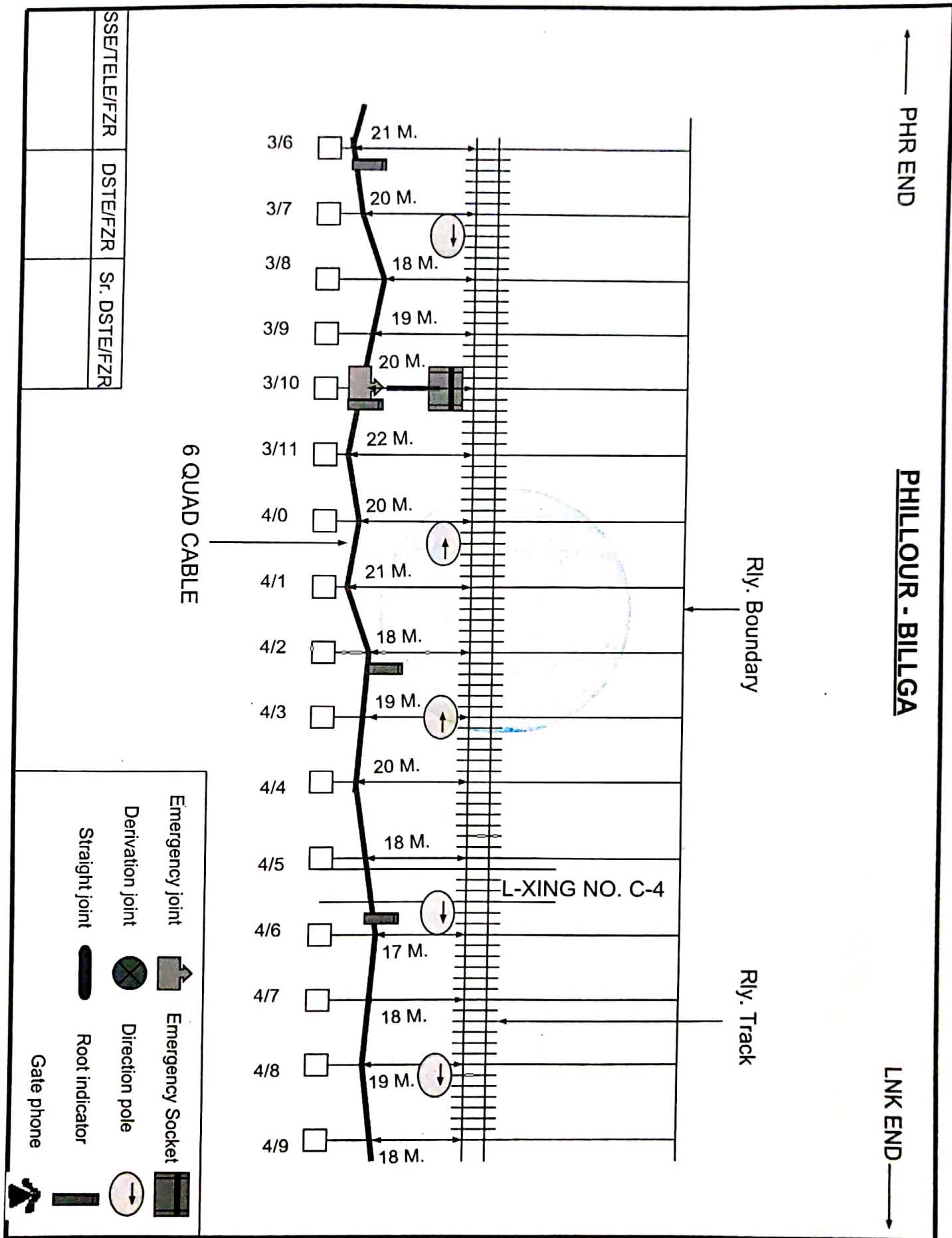
PHILLOUR - BILLGA

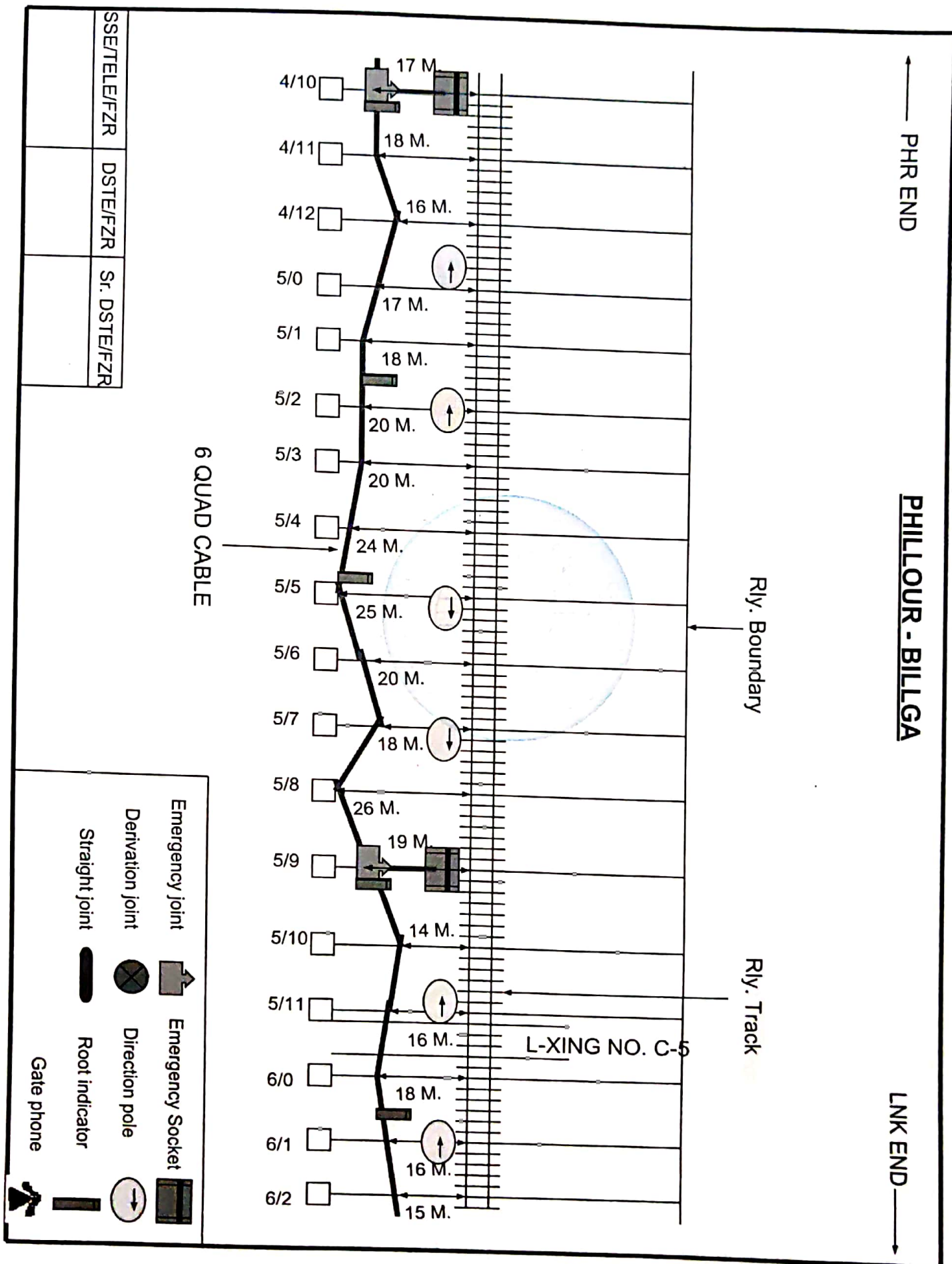
→ LNK END



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

- Emergency joint
- Derivation joint
- Straight joint
- Emergency Socket
- Direction pole
- Root indicator
- Gate phone





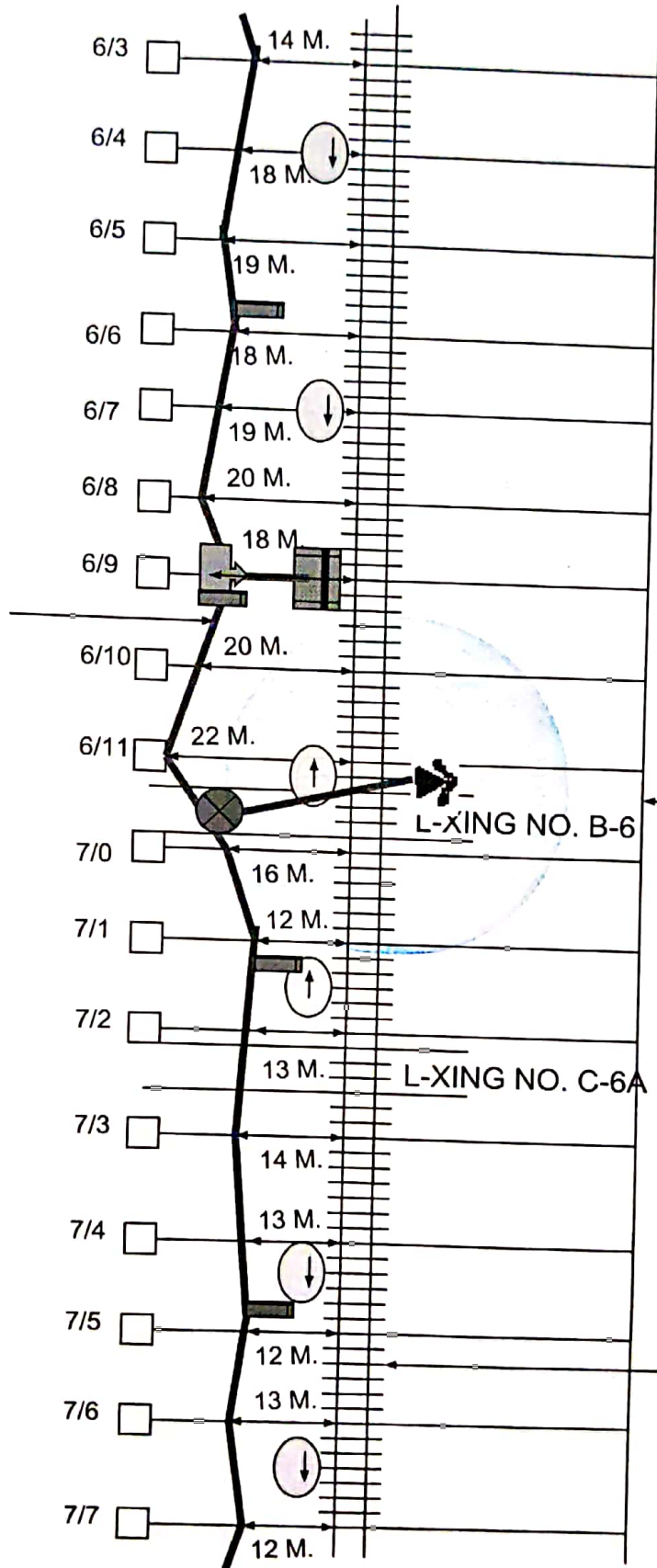
PHR END

PHILLOUR - BILLGA

LNK END

Rly. Boundary

Rly. Track



6 QUAD CABLE

SS/TELE/FZR

DSTE/FZR

S. DSTE/FZR

Emergency joint

Derivation joint

Straight joint

Emergency Socket

Direction pole

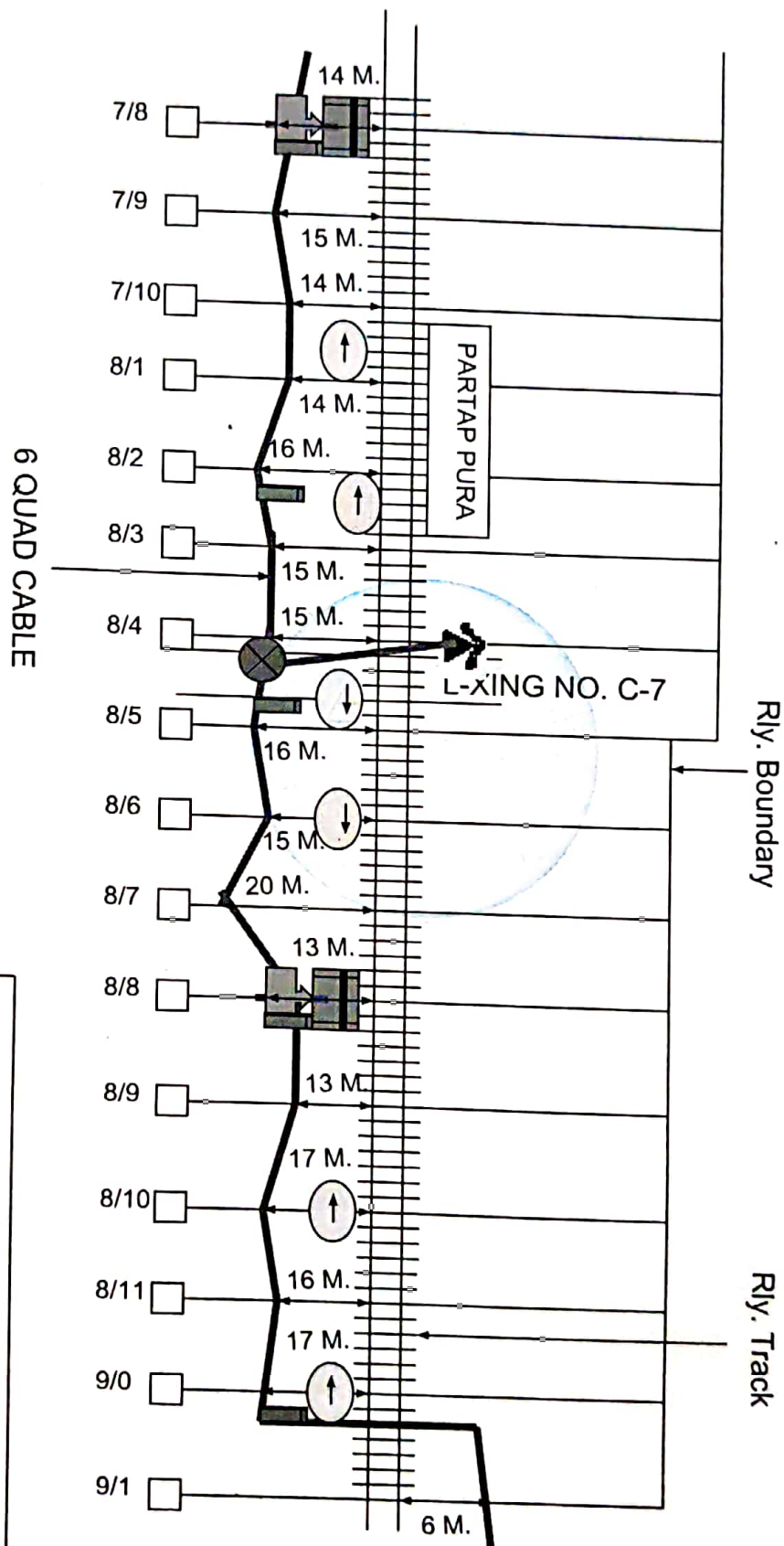
Root indicator

Gate phone

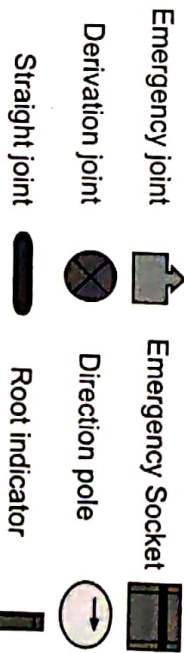
PHR END

PHILLOUR - BILLGA

LNK END



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



PHR END

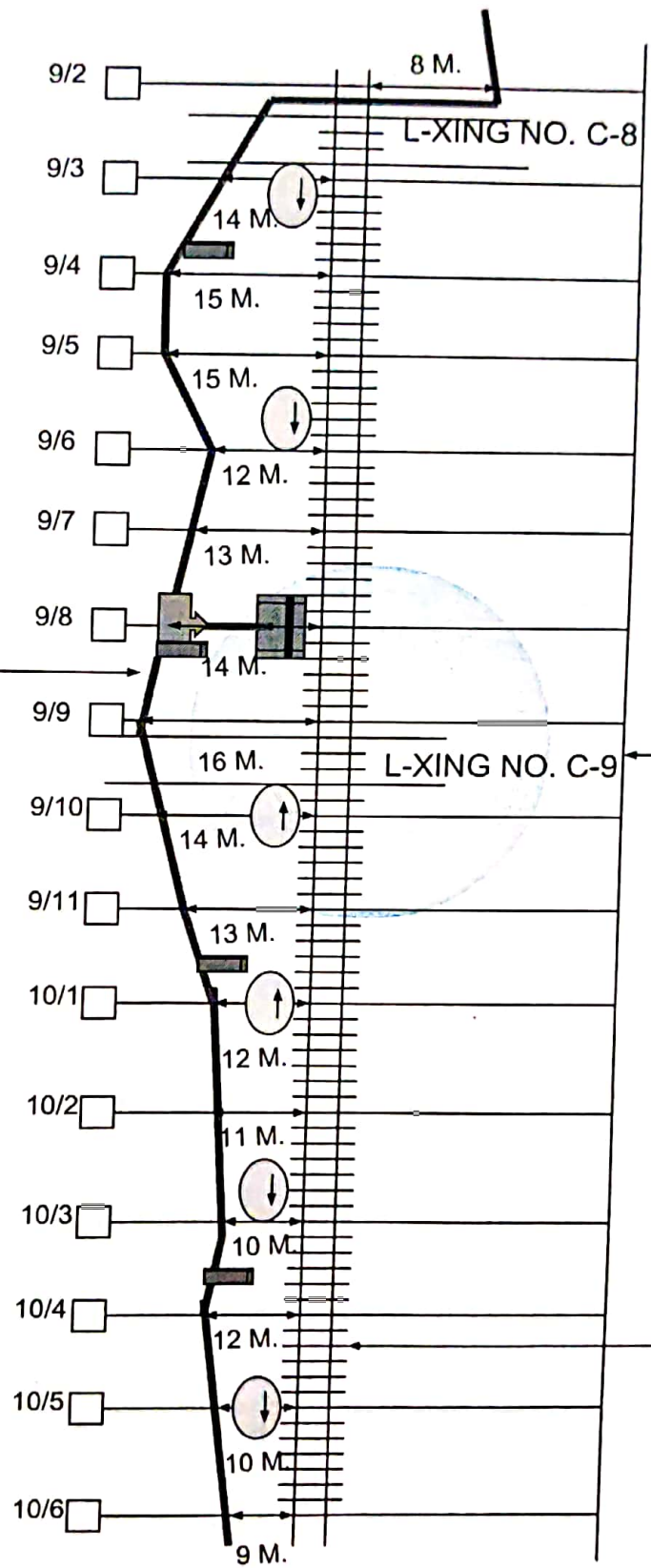
PHILLOUR - BILLGA

LNK END

Rly. Boundary

Rly. Track

6 QUAD CABLE



SSE/TELE/FZR

DSTE/FZR

Sr. DSTE/FZR

Emergency joint

Derivation joint

Straight joint

Emergency Socket

Direction pole

Root indicator

Gate phone



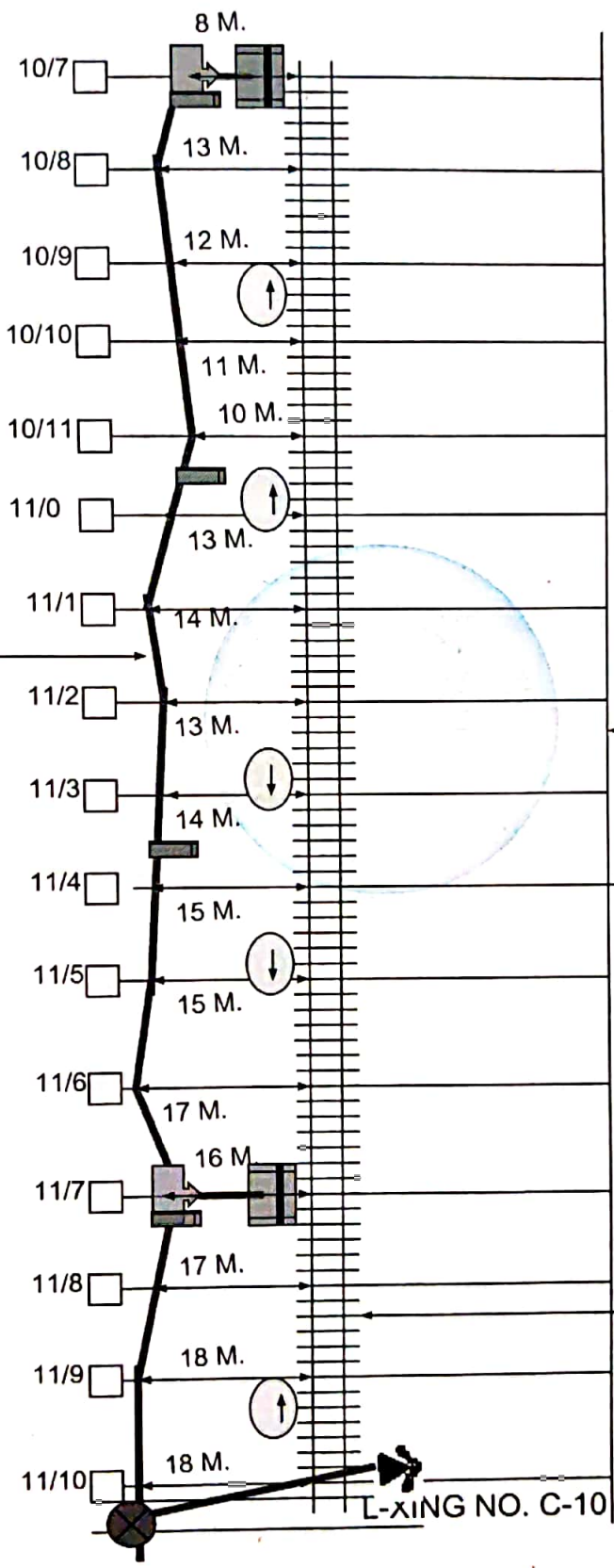
SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR

PHR END

PHILLOUR - BILLGA

LNK END

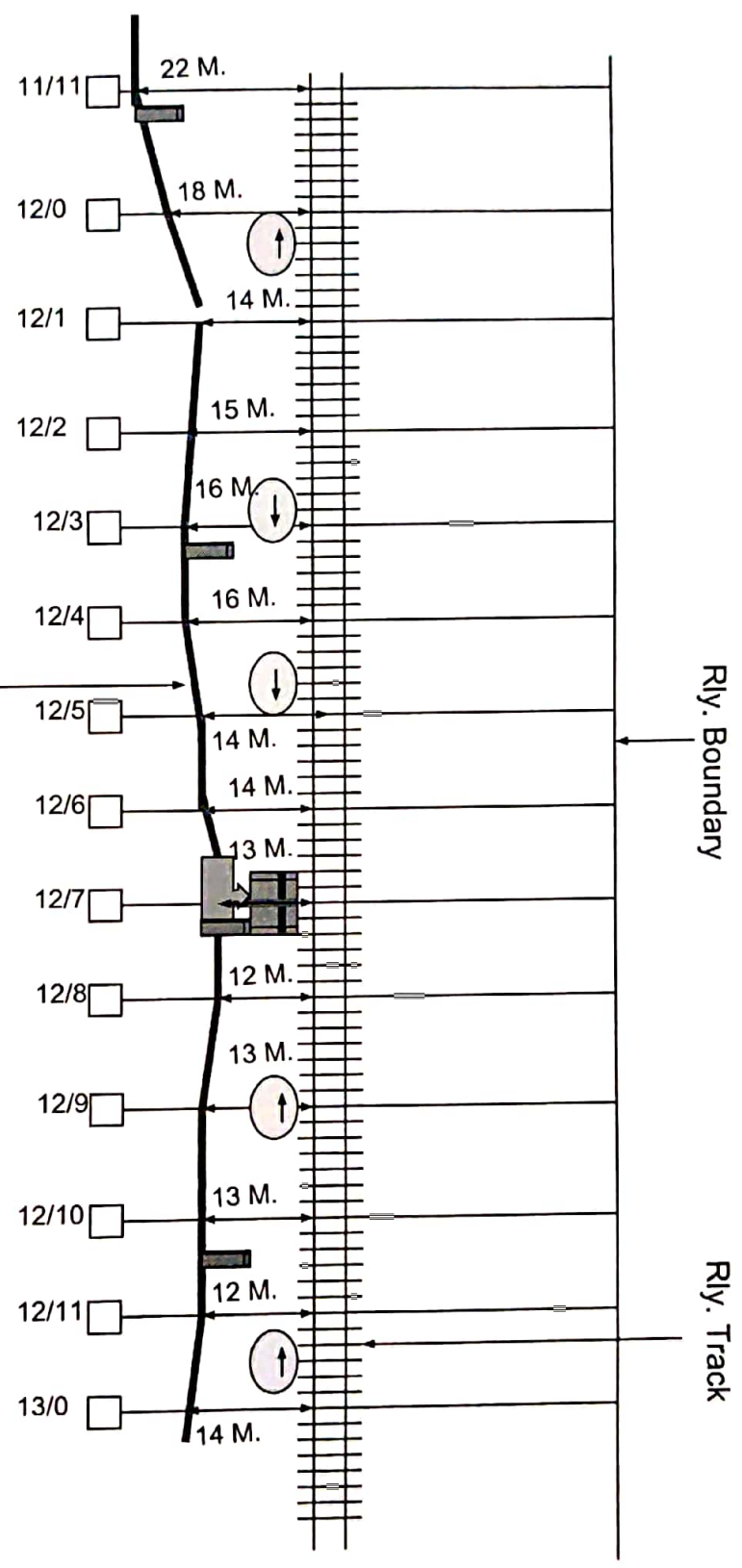
6 QUAD CABLE



PHR END

PHILLOUR - BILLGA

LNK END



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

PHR END

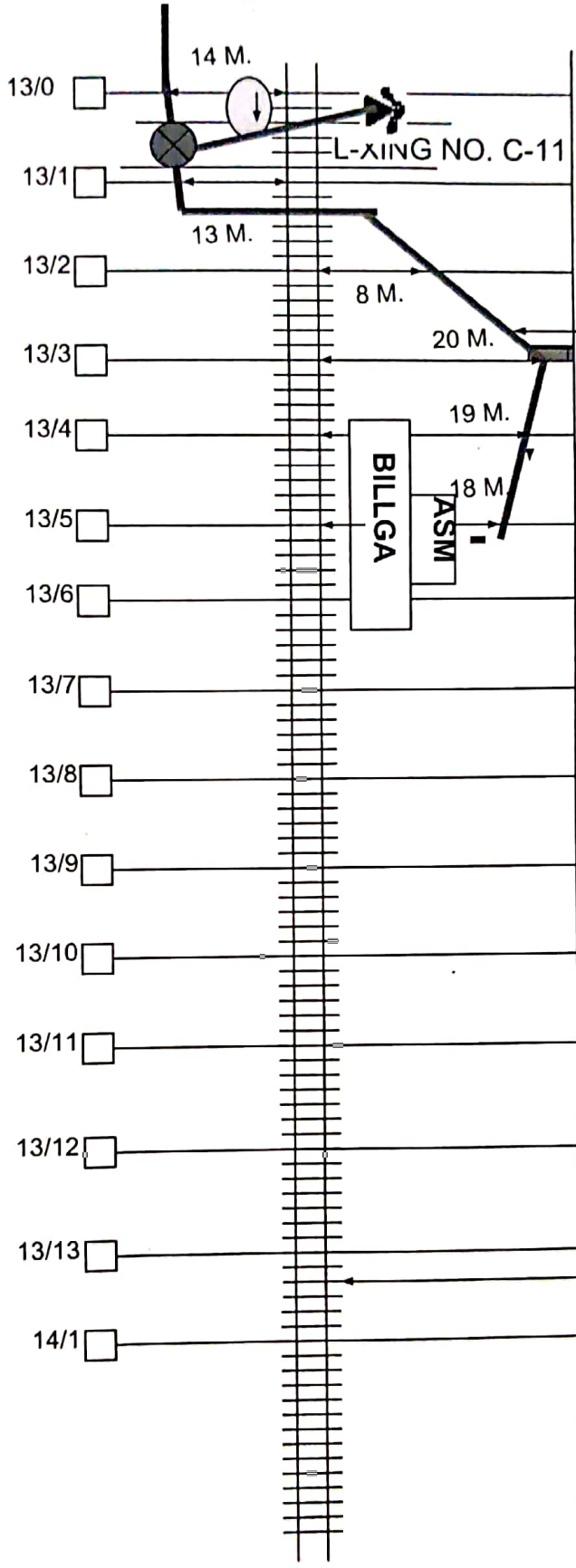
PHILLOUR - BILLGA

LNK END

6 QUAD CABLE

Rly. Boundary

Rly. Track



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



Emergency joint



Derivation joint



Straight joint



Emergency Socket



Direction pole



Root indicator



Gate phone

NORTHERN RAILWAY

FINAL CABLE ROUTE PLAN

FOR

BILGA

TO

NURMAHAL

PHR END

BILGA - NURMAHAL

LNK END

Rly. Boundary

Rly. Track

BILGA
ASM

16 M.

12 M.

19 M.

17 M.

18 M.

16 M.

14 M.

15 M.

13 M.

15 M.

13 M.

13 M.

14 M.

13 M.

12 M.

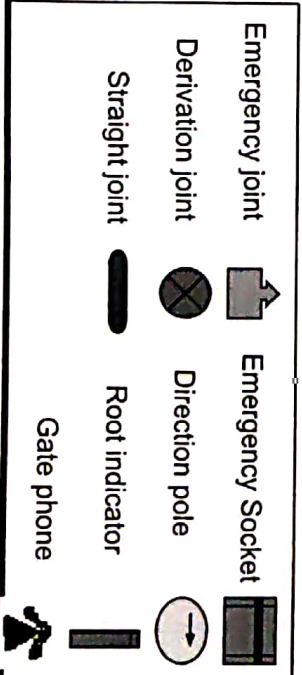
10 M.

6 M.

L-XING NO. C-12

6 QUAD CABLE

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



PHR END

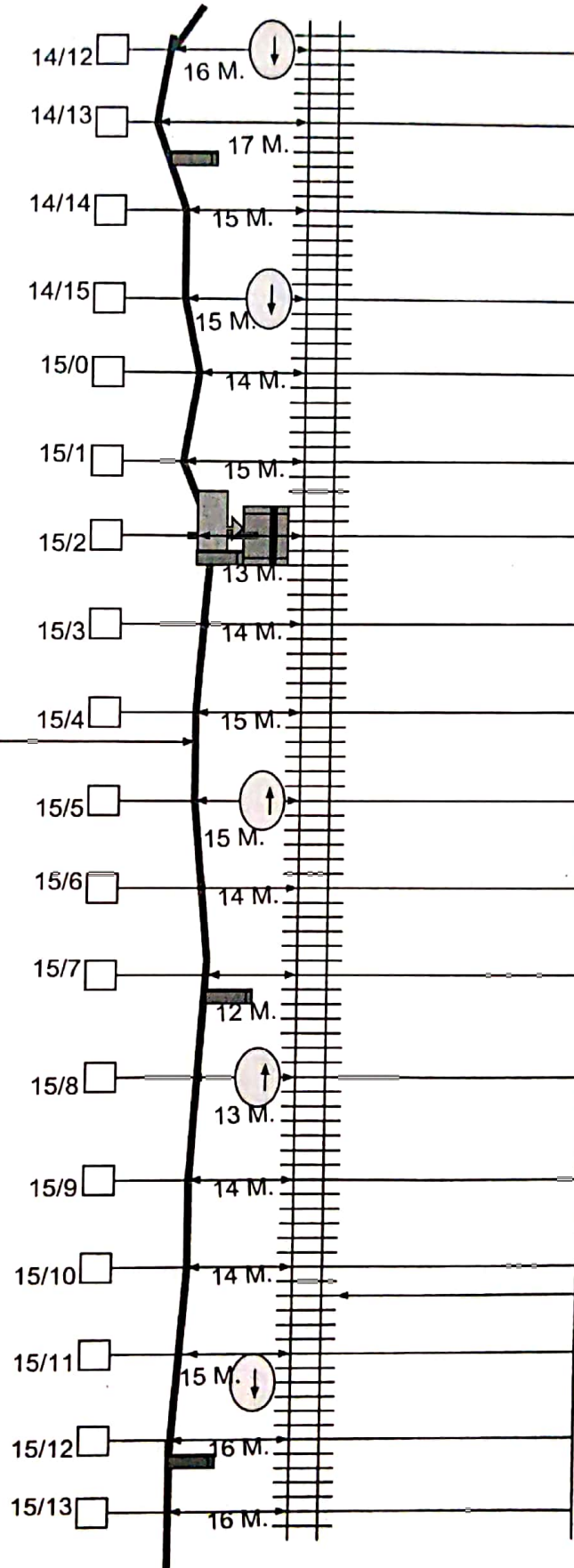
BILGA - NURMAHAL

LNK END

Rly. Boundary

Rly. Track

6 QUAD CABLE



SSE/TELE/FZR

DSTE/FZR

Sr. DSTE/FZR

Emergency joint

Derivation joint

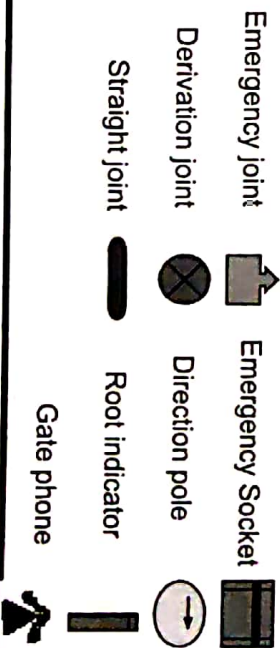
Straight joint

Emergency Socket

Direction pole

Root indicator

Gate phone



PHR END

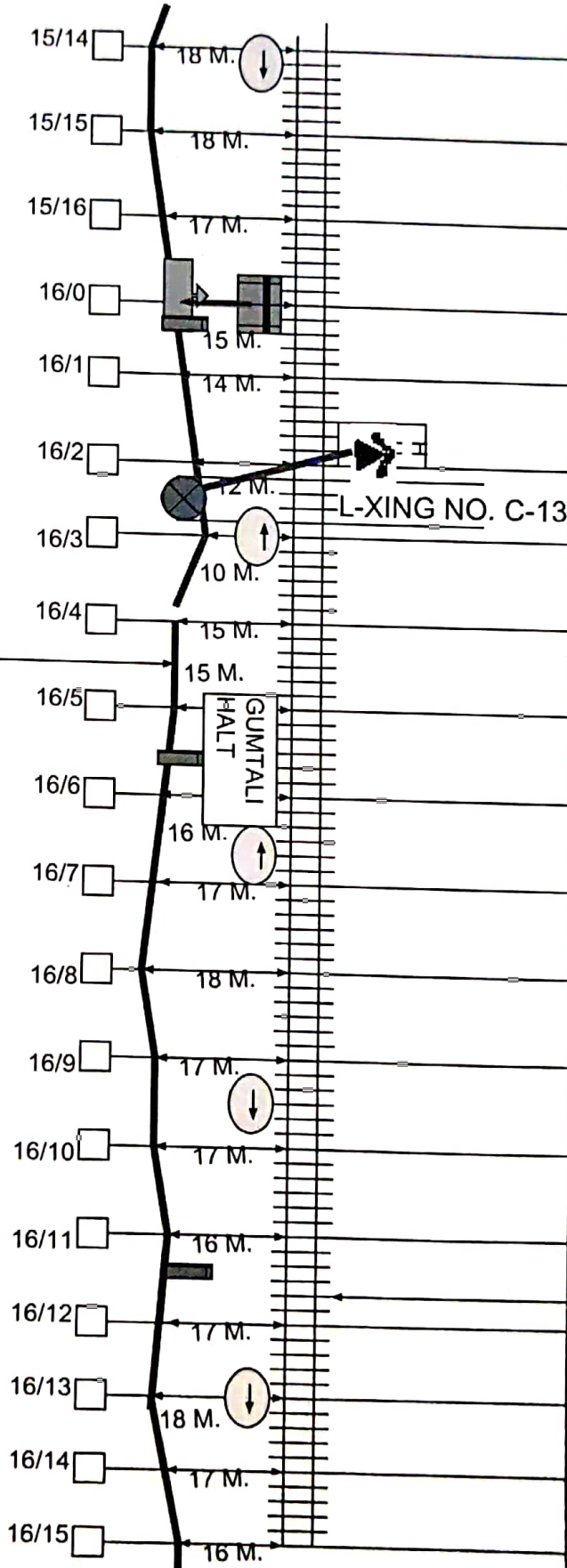
BILGA - NURMAHAL

LNK END

Rly. Boundary

Rly. Track

6 QUAD CABLE



SSE/ELE/FZR

DSTE/FZR

Sr. DSTE/FZR

Emergency joint

Derivation joint

Straight joint

Emergency Socket

Direction pole

Root indicator

Gate phone

PHR END

BILGA - NURMAHAL

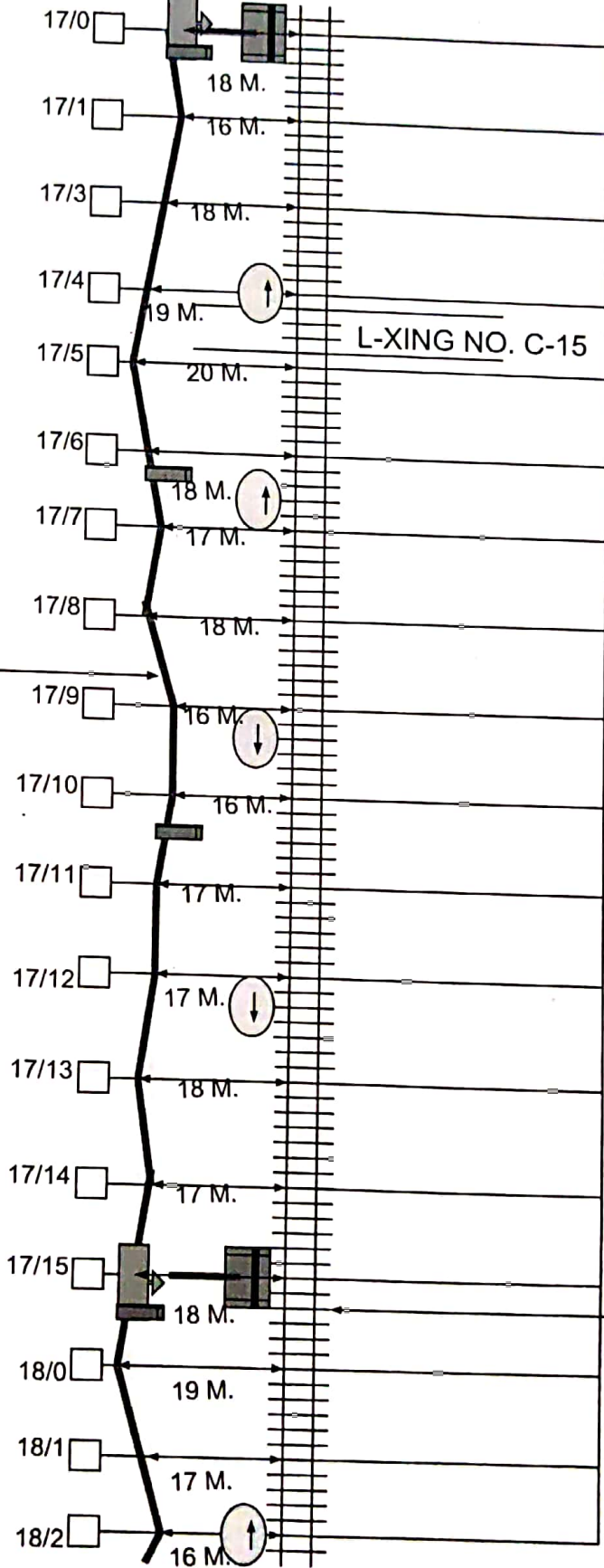
LNK END

Rly. Boundary

Rly. Track

L-XING NO. C-15

6 QUAD CABLE



SSE/TELE/FZR

DSTE/FZR

Sr. DSTE/FZR

Emergency joint

Derivation joint

Straight joint

Emergency Socket

Direction pole

Root indicator

Gate phone

PHR END

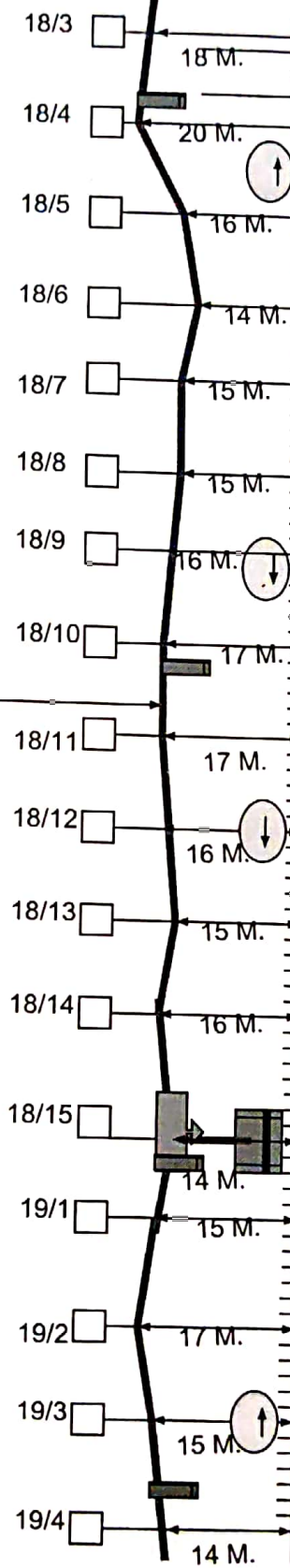
BILGA - NURMAHAL

LNK END

Rly. Boundary

Rly. Track

L-XING NO. C-16



6 QUAD CABLE

SSE/TELE/FZR

DSTE/FZR

Sr. DSTE/FZR

Emergency joint
Derivation joint
Straight joint
Emergency Socket
Direction pole
Root indicator
Gate phone



PHR END

BILGA - NURMAHAL

LNK END

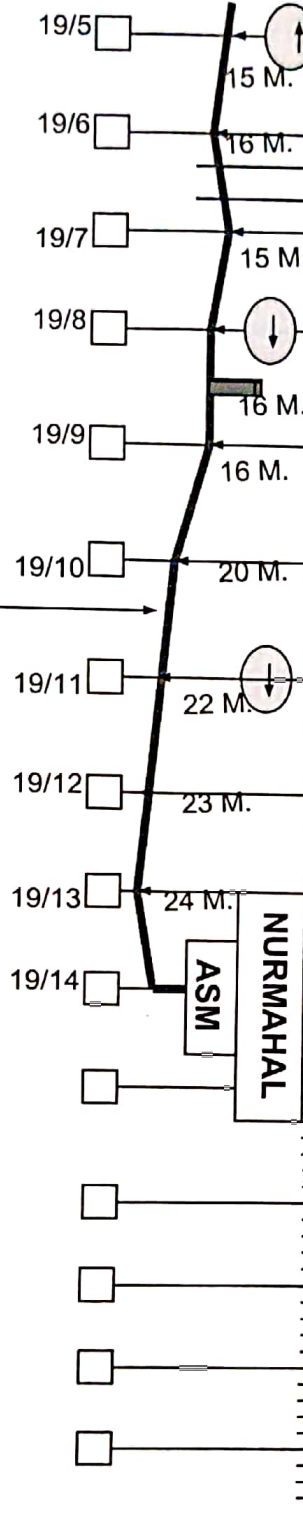
Rly. Boundary

Rly. Track

L-XING NO. C-17

NURMAHAL

ASM



6 QUAD CABLE

SSE/TELE/FZR

DSTE/FZR

Sr. DSTE/FZR

Emergency joint

Derivation joint

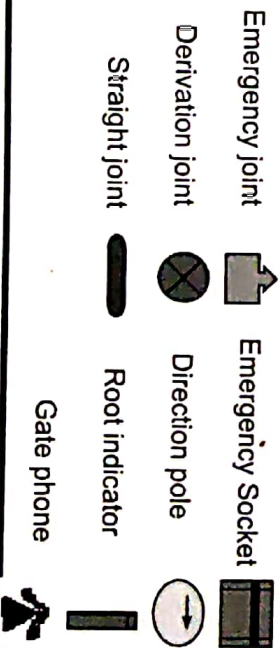
Straight joint

Emergency Socket

Direction pole

Root indicator

Gate phone



NORTHERN RAILWAY

FINAL CABLE ROUTE PLAN

FOR

NURMAHAL

TO

NAKODAR

PHR END →

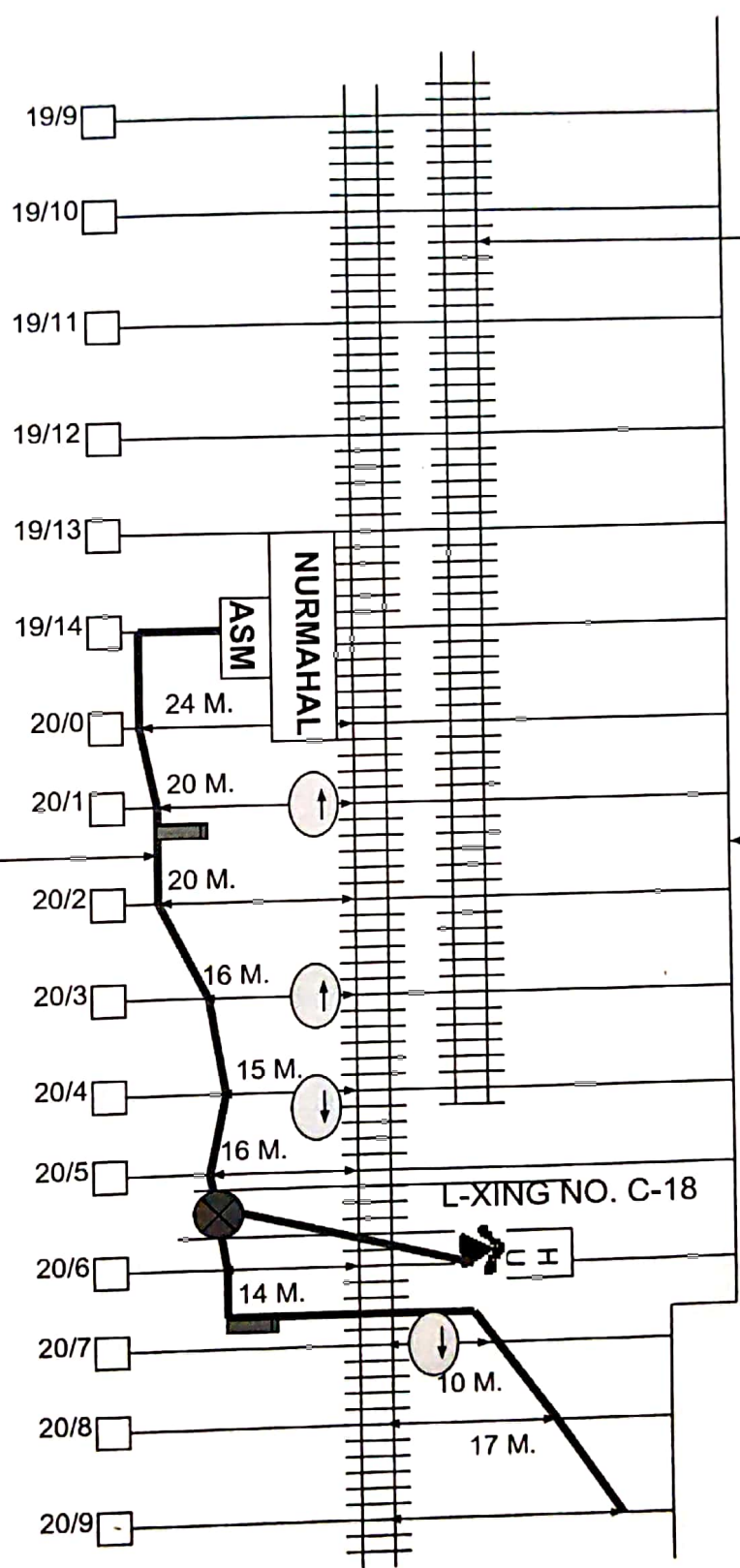
NURMAHAL - NAKODAR

→ LNK END

Rly. Track

Rly. Boundary

6 QUAD CABLE



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

Emergency joint

Derivation joint

Straight joint

Gate phone

Emergency Socket

Direction pole

Root indicator

PHR END

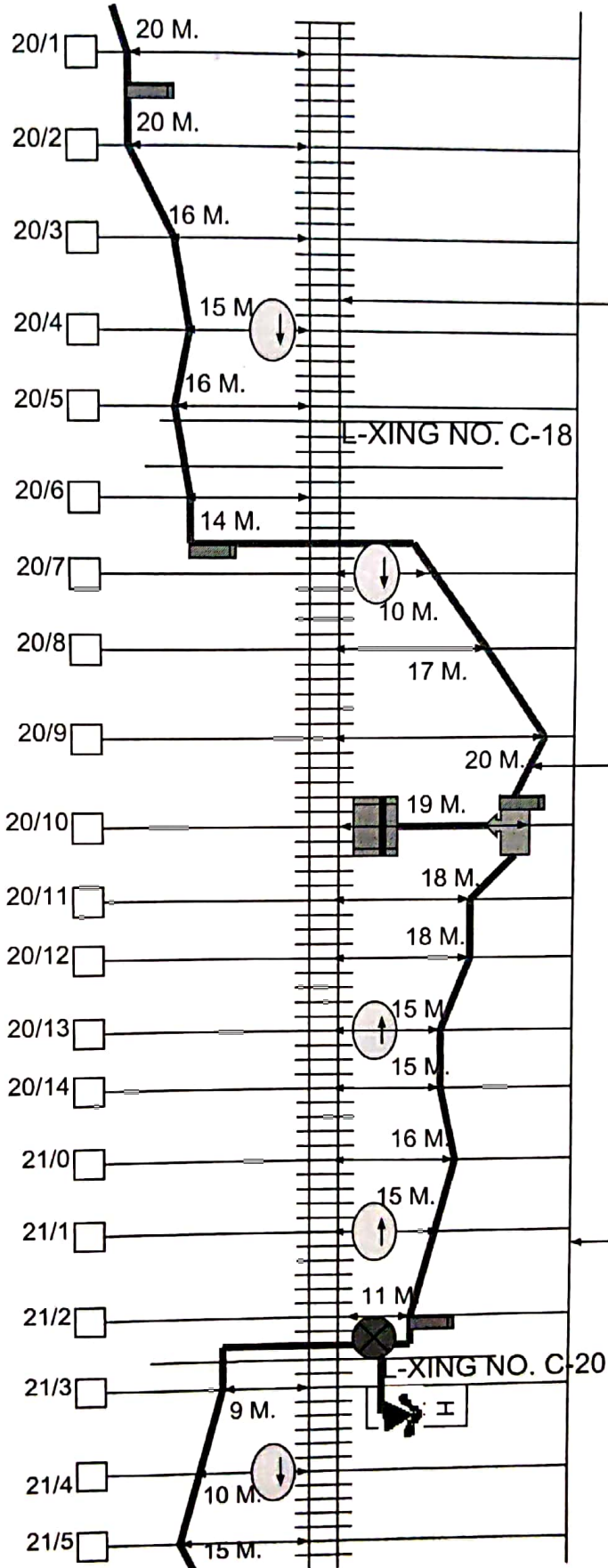
NURMAHAL - NAKODAR

LNK END

Rly. Track

6 QUAD CABLE

Rly. Boundary



SSE/TELE/FZR

DSTE/FZR

Sr. DSTE/FZR

Emergency joint

Derivation joint

Straight joint

Gate phone

Emergency Socket

Direction pole

Root indicator

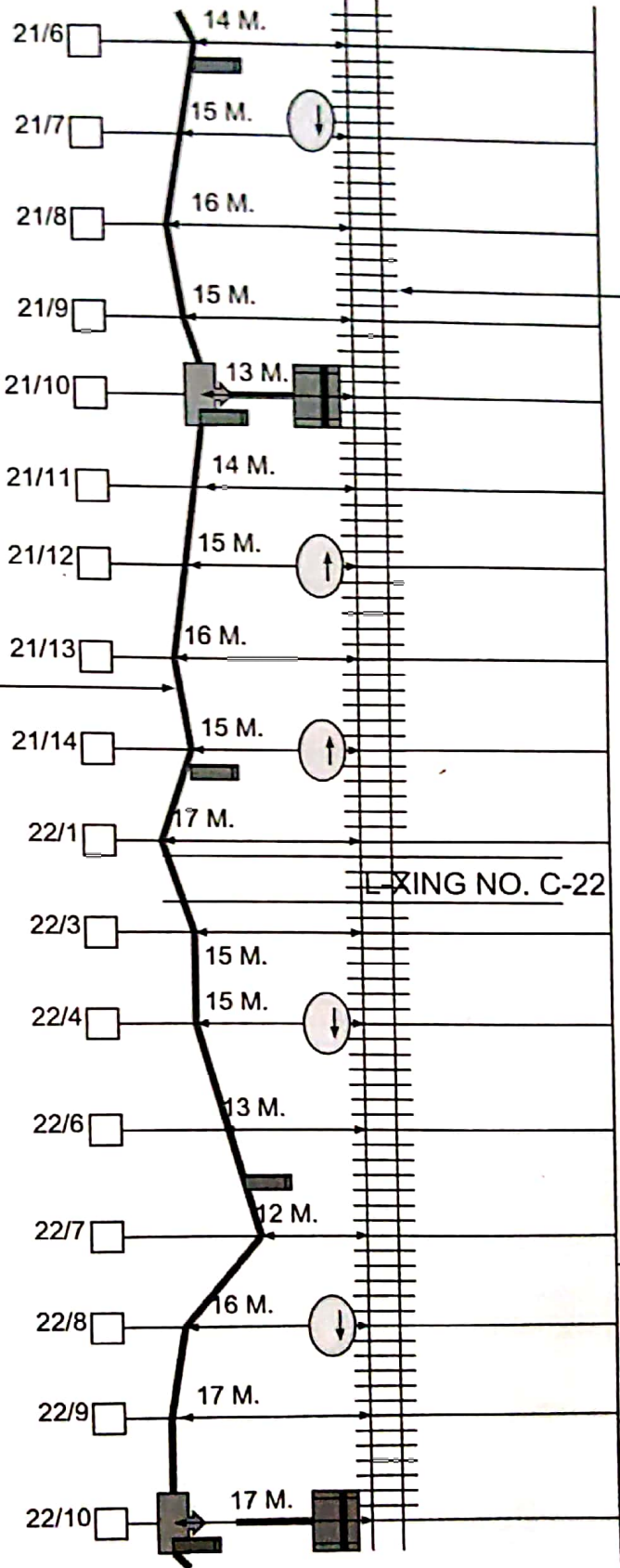
PHR END

NURMAHAL - NAKODAR

LNK END

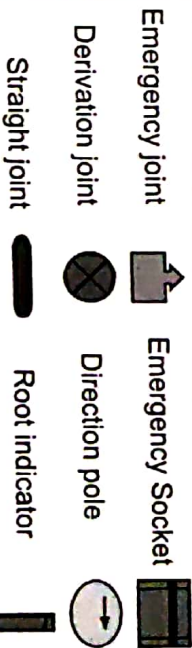
Rly. Track

Rly. Boundary



6 QUAD CABLE

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





PHR END

NURMAHAL - NAKODAR

LNK END

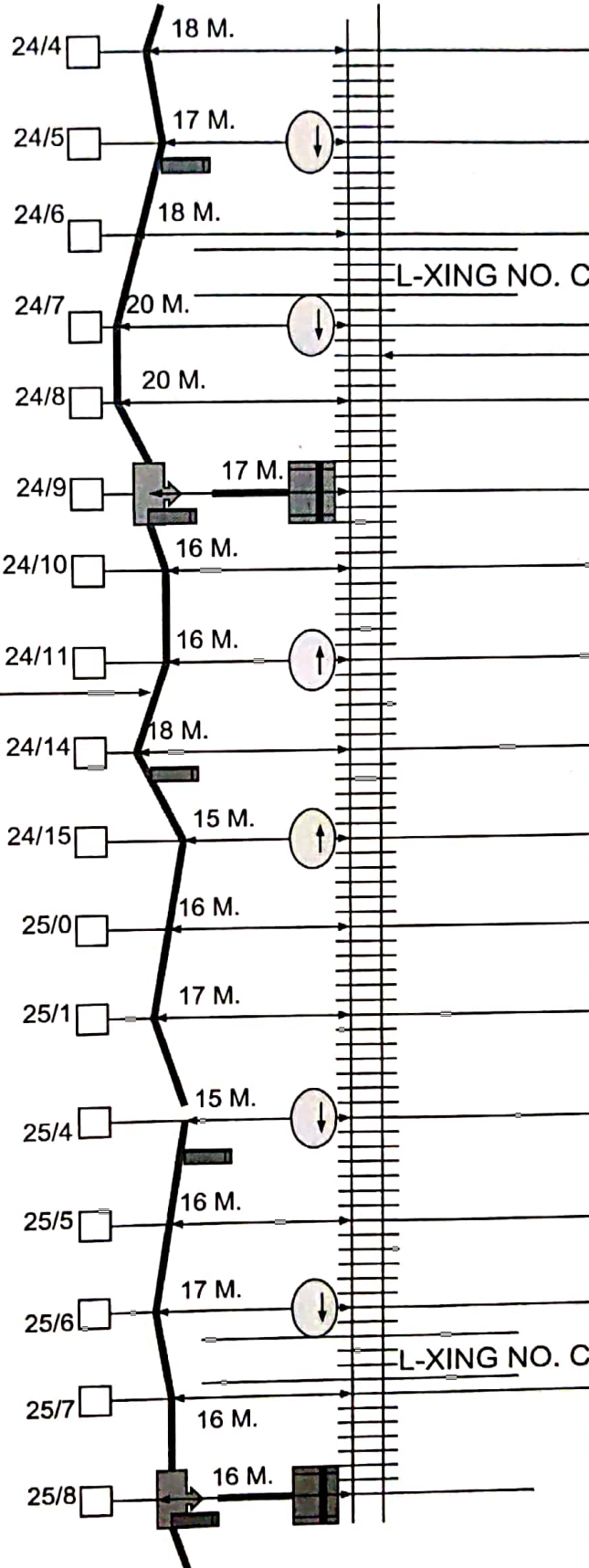
Rly. Track

Rly. Boundary

L-XING NO. C-26

L-XING NO. C-27

6 QUAD CABLE



SSE/TELE/FZR

DSTE/FZR

Sr. DSTE/FZR

Emergency joint

Derivation joint

Straight joint

Emergency Socket

Direction pole

Root indicator

Gate phone

PHR END

NURMAHAL - NAKODAR

LNK END

Rly. Track

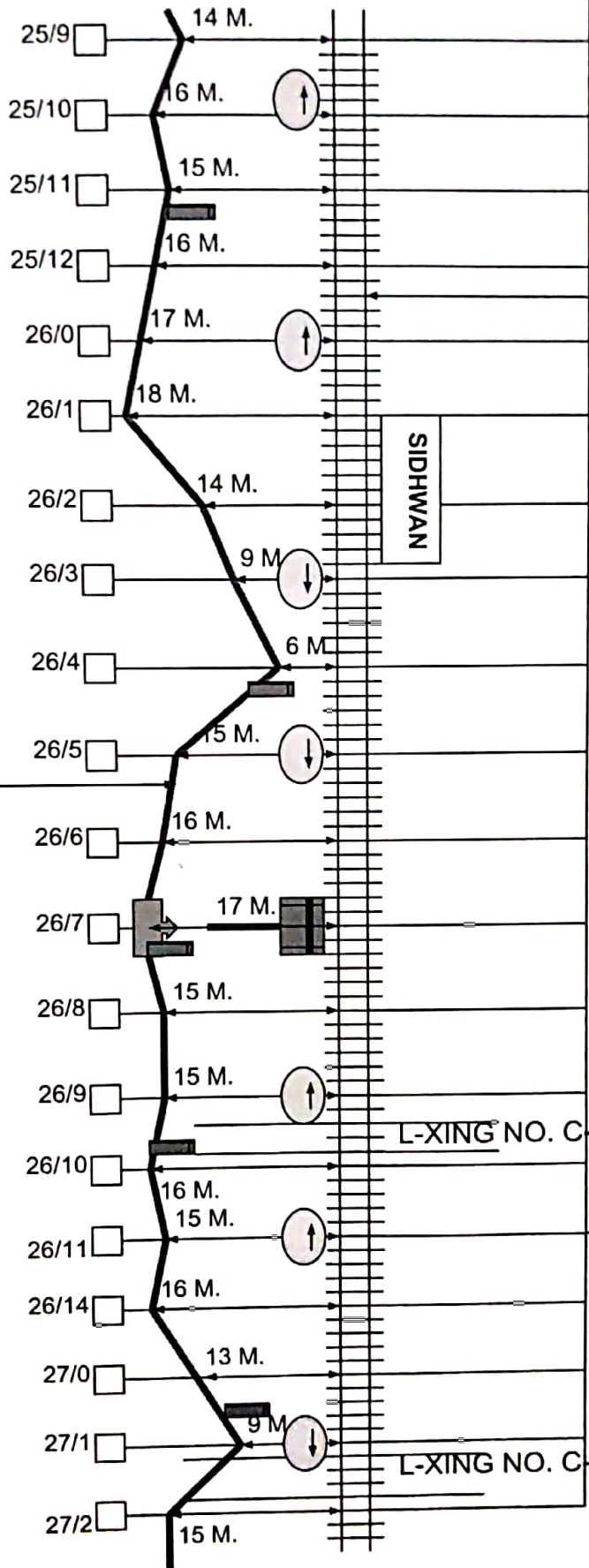
Rly. Boundary

SIDHWAN

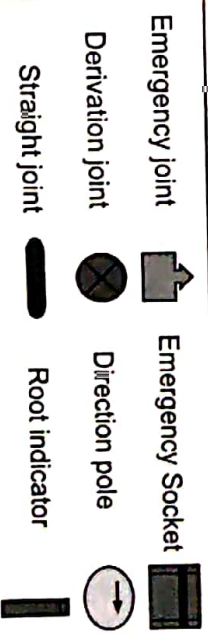
L-XING NO. C-28

L-XING NO. C-30

6 QUAD CABLE



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



PHR END

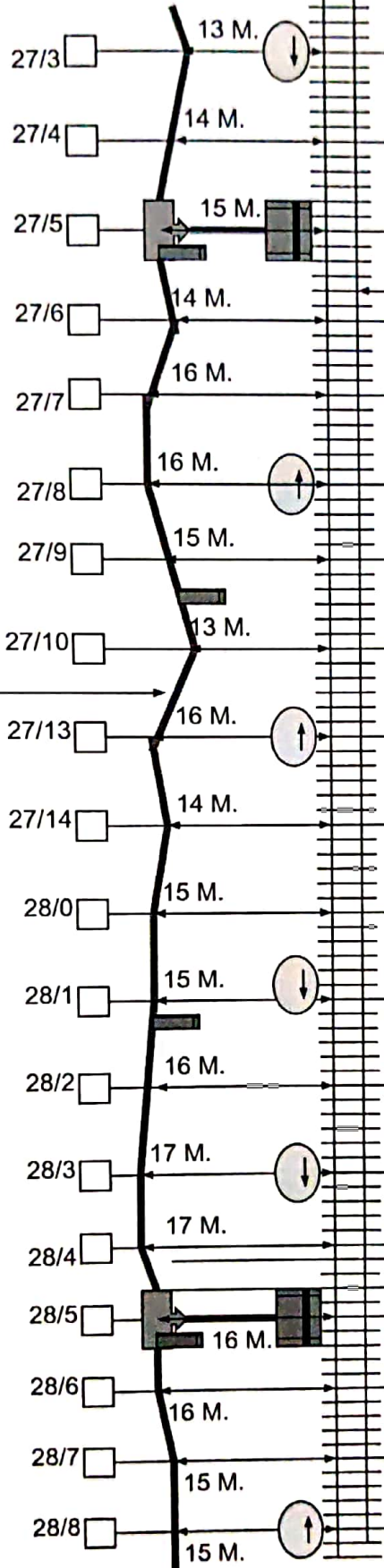
NURMAHAL - NAKODAR

LNK END

Rly. Track

Rly. Boundary

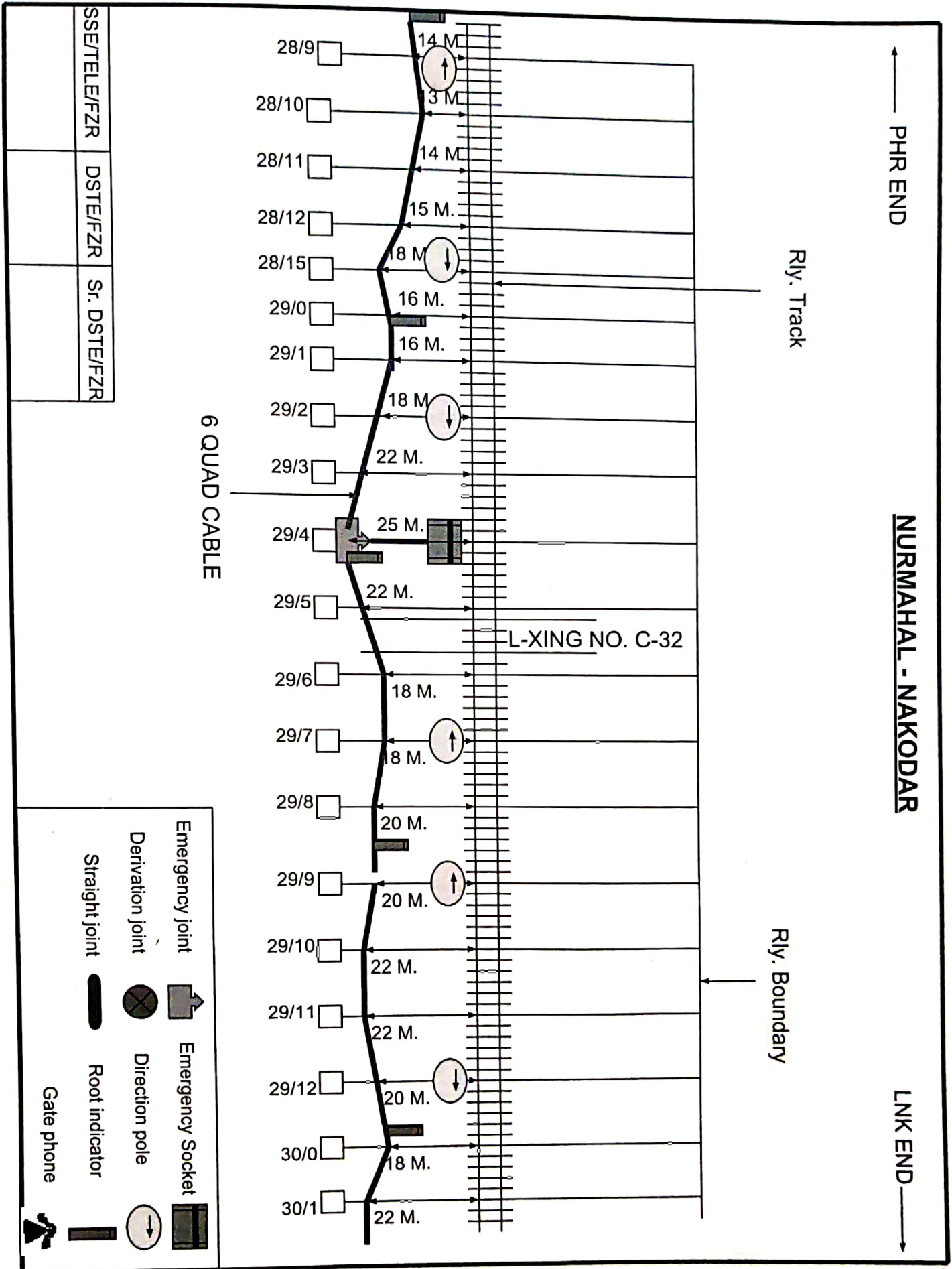
L-XING NO. C-31



6 QUAD CABLE

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

Emergency joint	Emergency Socket
Derivation joint	Direction pole
Straight joint	Root indicator
Gate phone	



PHR END →

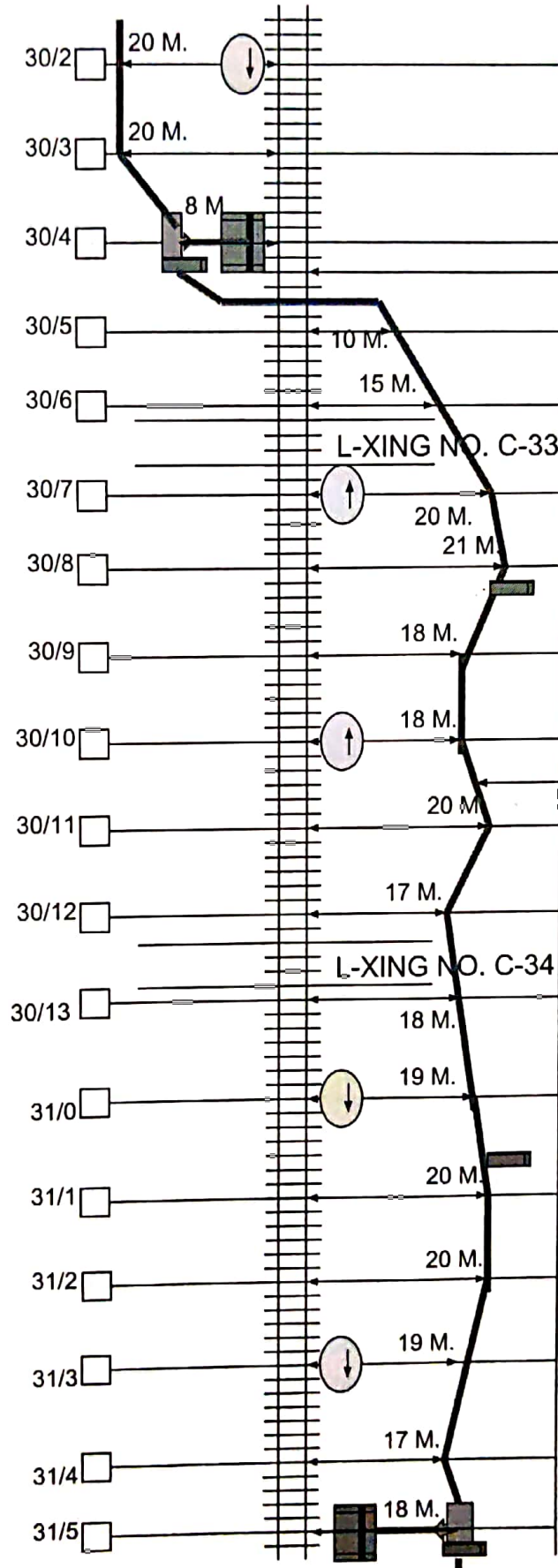
NURMAHAL - NAKODAR

← LNK END

Rly. Track

6 QUAD CABLE

Rly. Boundary



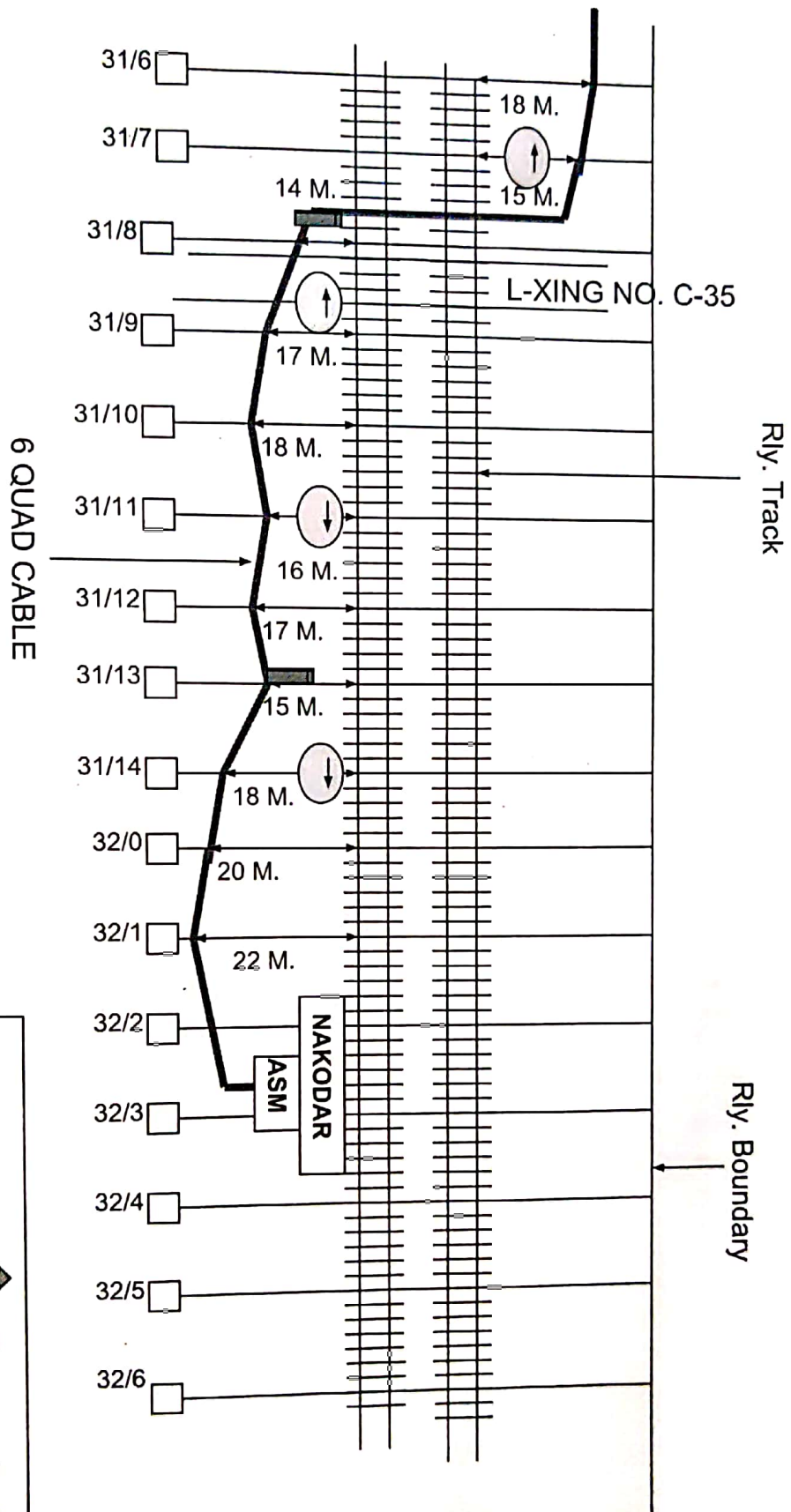
SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR
--------------	----------	--------------

Emergency joint	Emergency Socket
Derivation joint	Direction pole
Straight joint	Root indicator
Gate phone	

PHR END

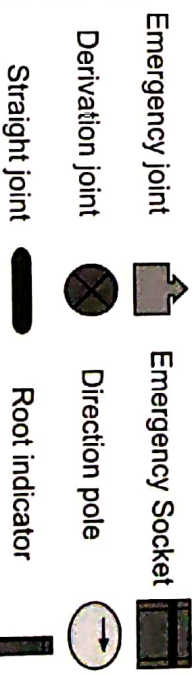
NURMAHAL - NAKODAR

LNK END



6 QUAD CABLE

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



NORTHERN RAILWAY

FINAL CABLE ROUTE PLAN

FOR

NAKODAR

TO

MALSIAH SHAHKOT

PHR END

NAKODAR-MALSIA SHAHKOT

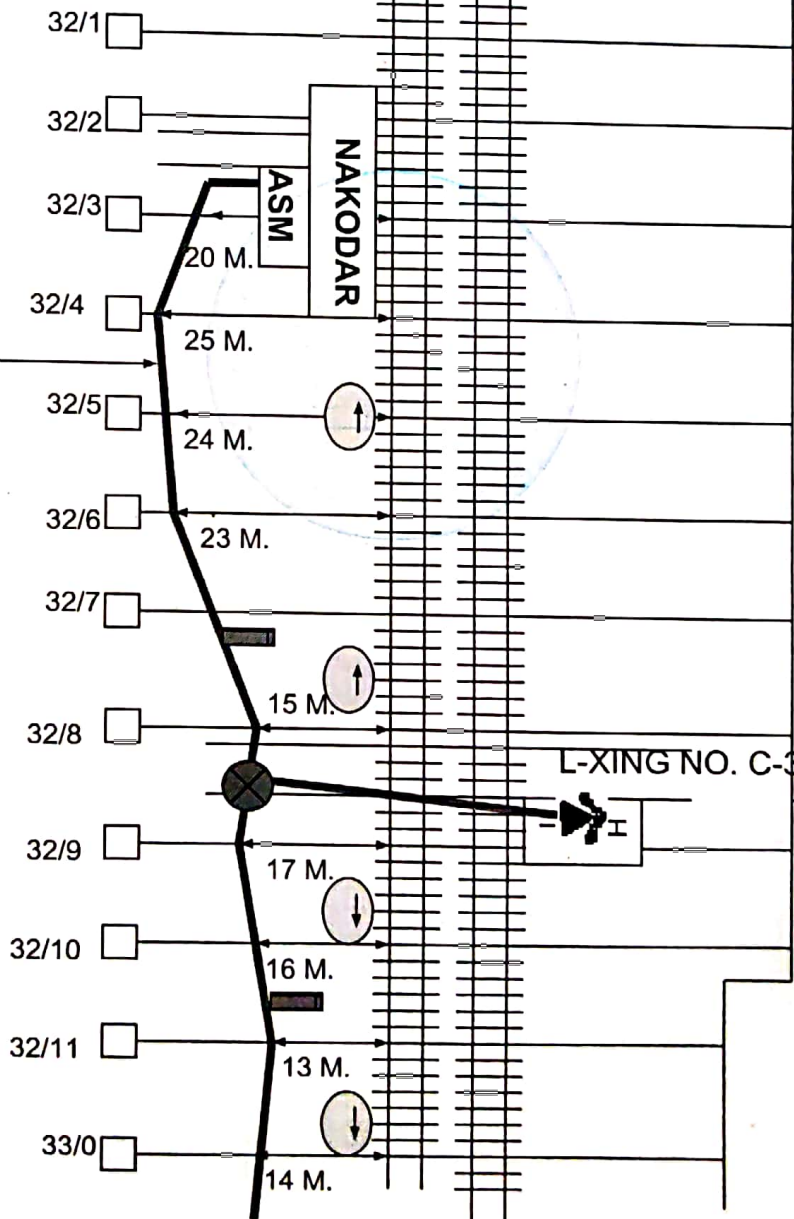
LNK END

Rly. Track

Rly. Boundary

L-XING NO. C-36

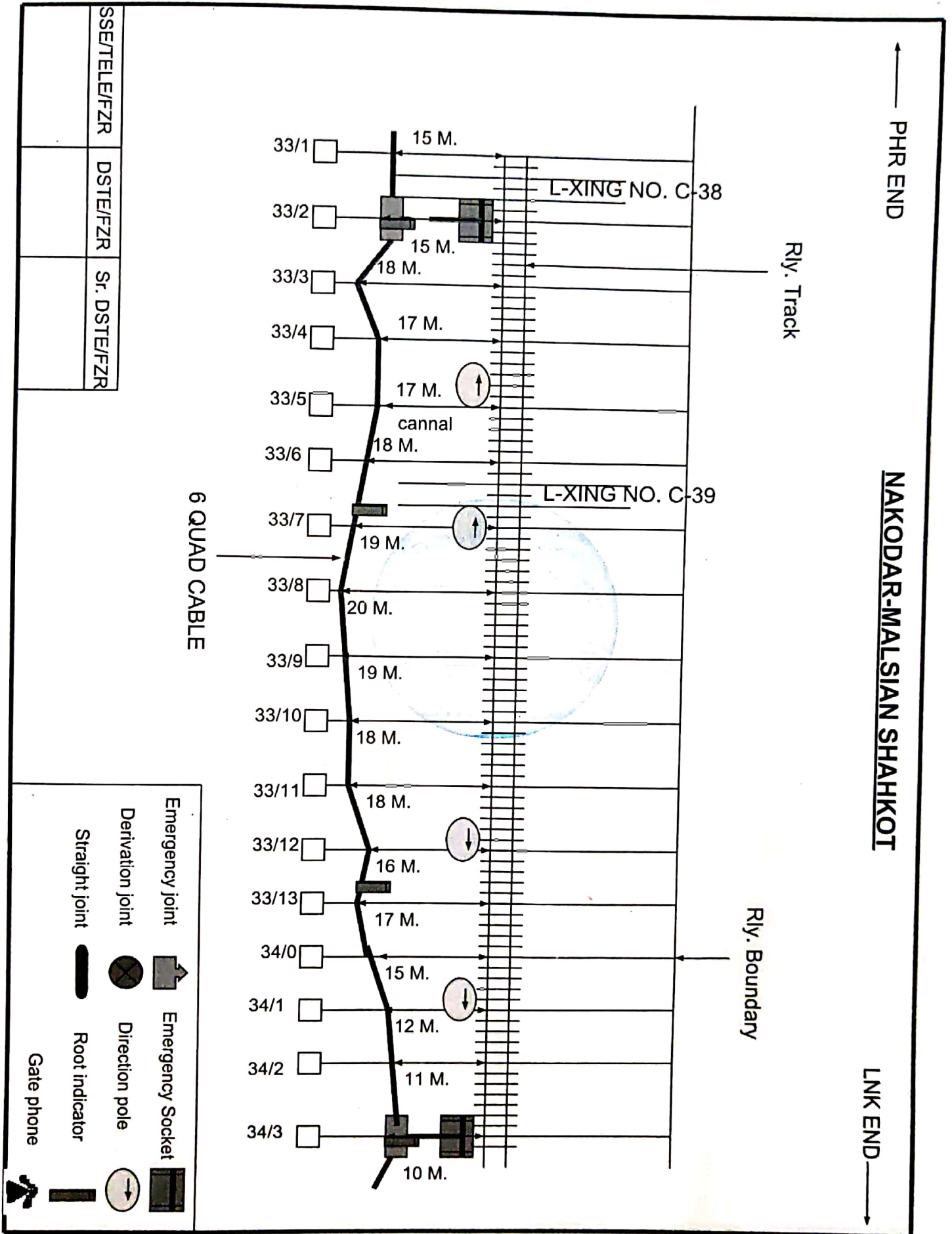
6 QUAD CABLE

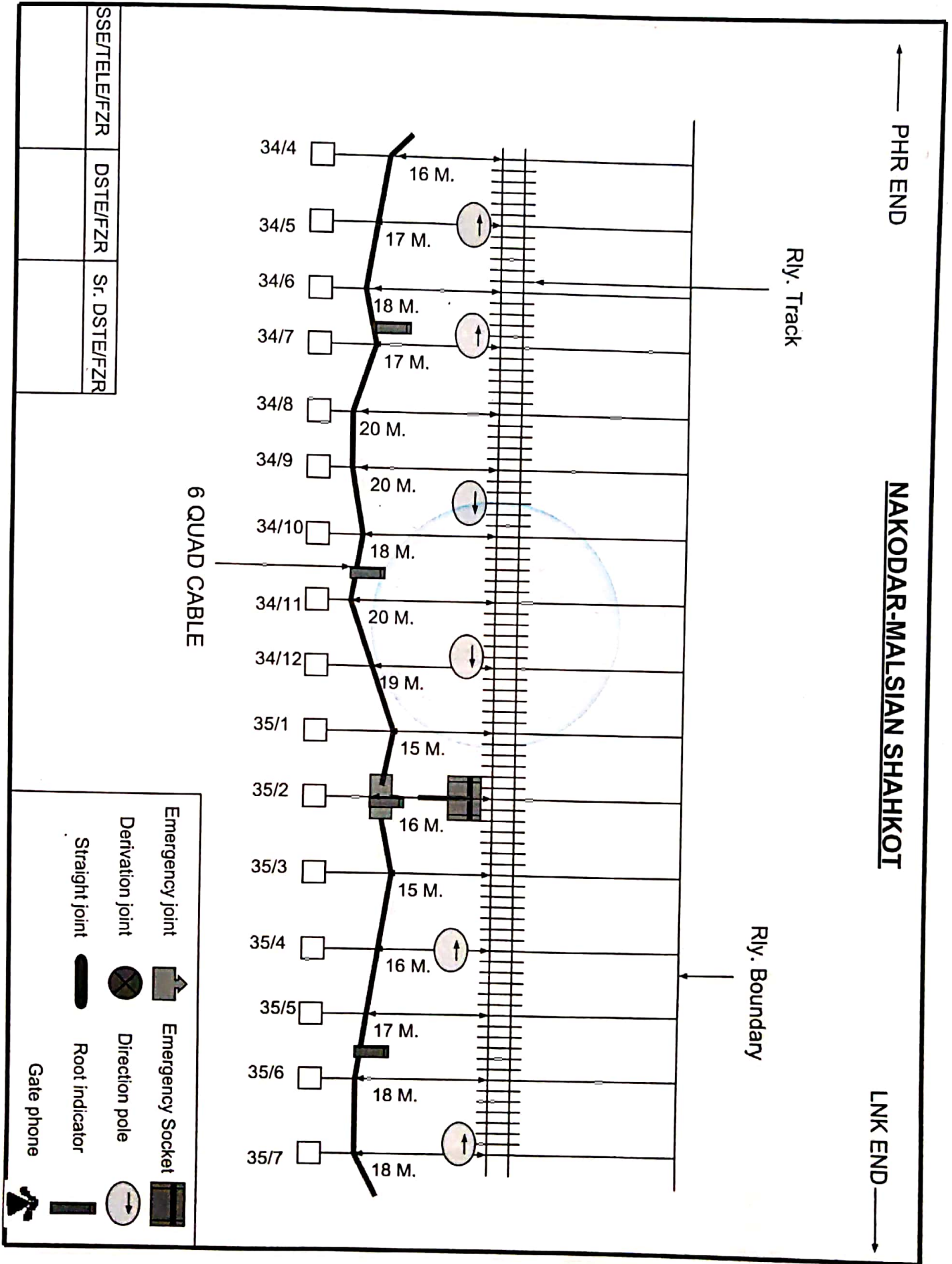


SSE/TELE/FZR	DSTE/FZR	Sr. DSTE/FZR
--------------	----------	--------------

- Emergency joint
- Derivation joint
- Straight joint
- Emergency Socket
- Direction pole
- Root indicator







PHR END

NAKODAR-MALSIA SHAKHOT

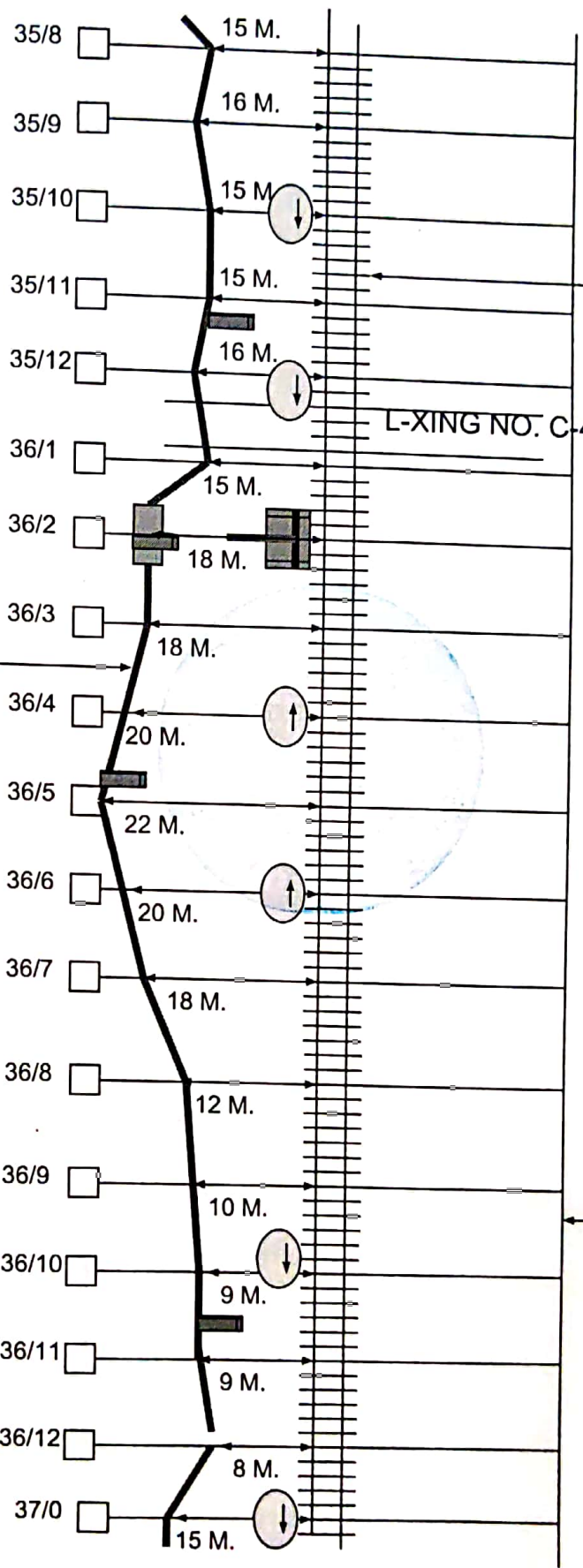
LNK END

Rly. Track

Rly. Boundary

L-XING NO. C-41

6 QUAD CABLE



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

Emergency joint

Derivation joint

Straight joint

Emergency Socket

Direction pole

Root indicator

Gate phone

PHR END

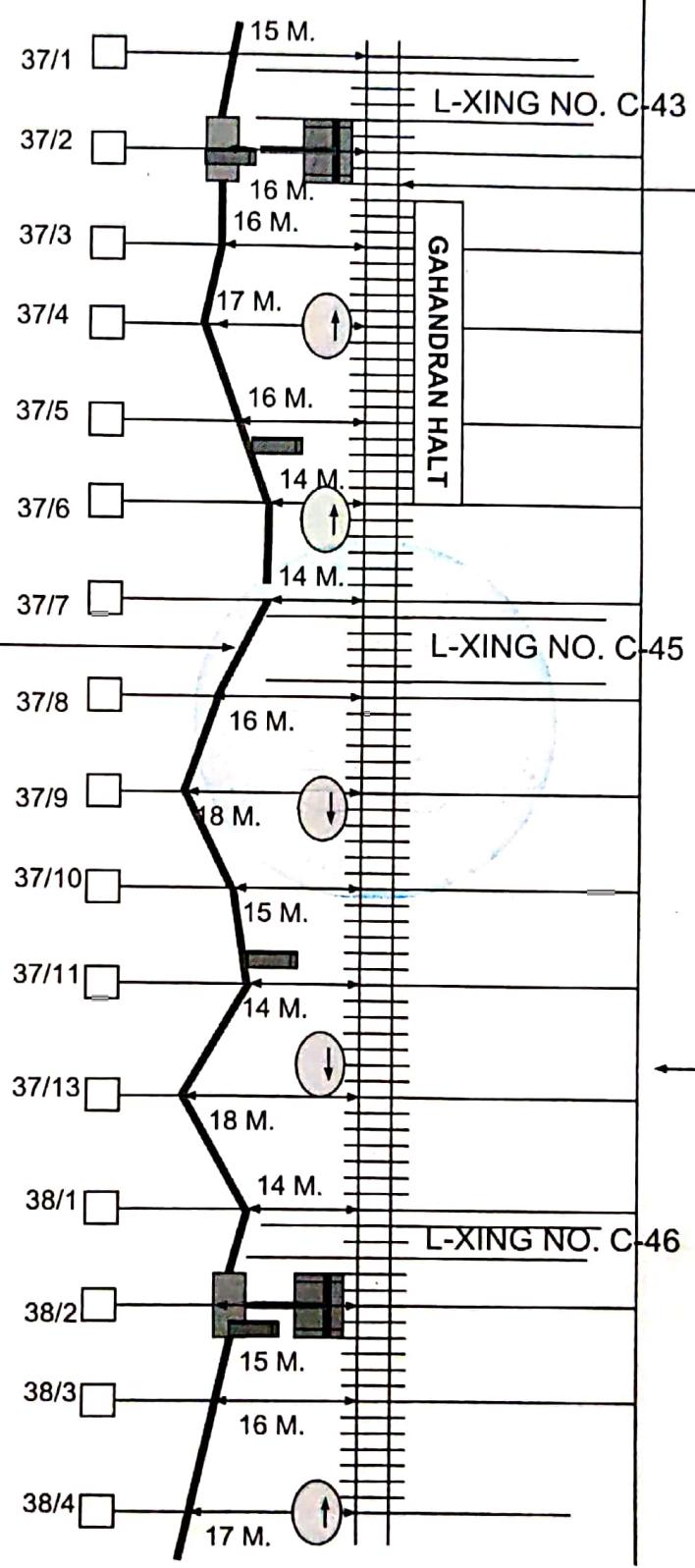
NAKODAR-MALSIA SHAHKOT

LNK END

Rly. Track

Rly. Boundary

6 QUAD CABLE



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

Emergency joint	Emergency Socket
Derivation joint	Direction pole
Straight joint	Root indicator
Gate phone	

PHR END

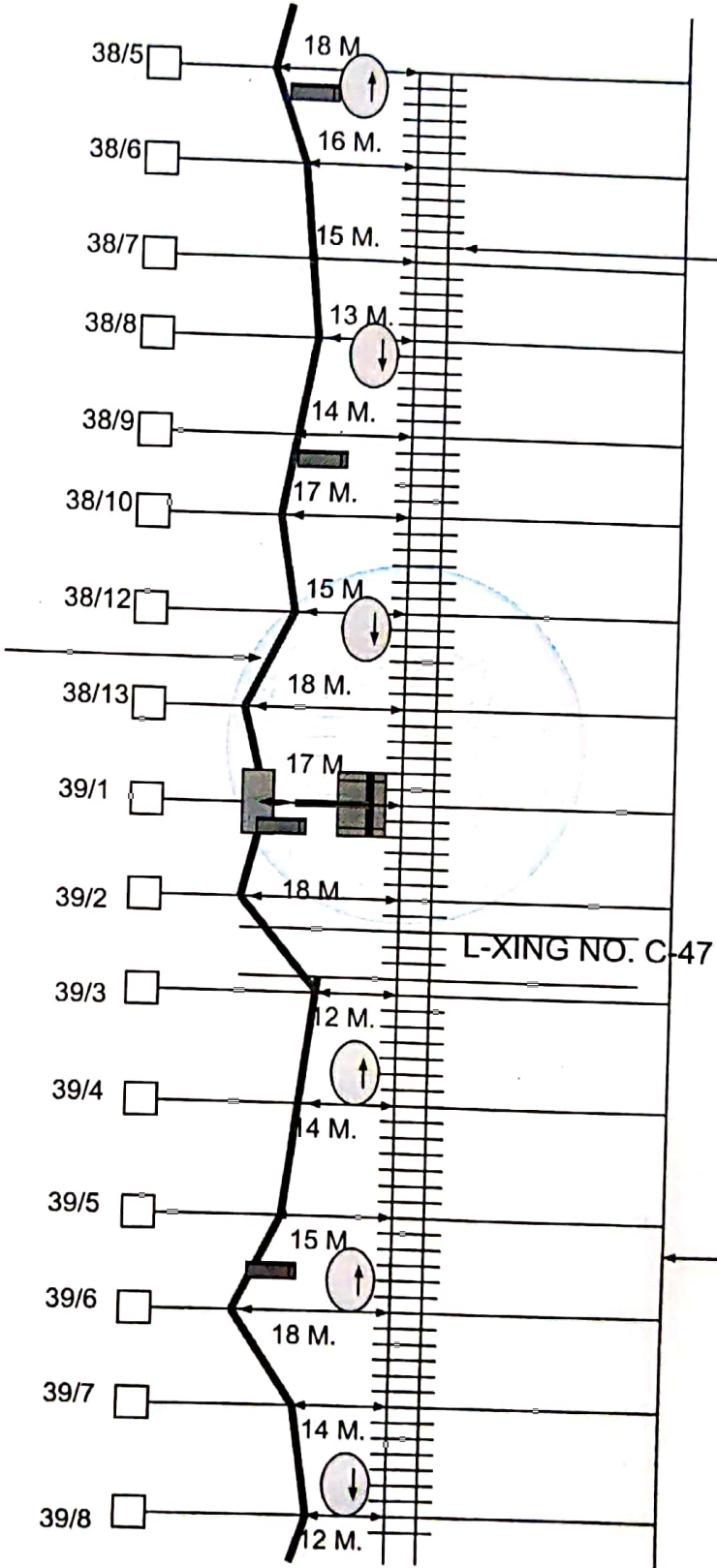
NAKODAR-MALSIA SHAKHOT

LNK END

Rly. Track

Rly. Boundary

6 QUAD CABLE



SSE/TELE/FZR	DSTE/FZR	S. DSTE/FZR
--------------	----------	-------------

- Emergency joint
- Derivation joint
- Straight joint
- Emergency Socket
- Direction pole
- Root indicator
- Gate phone

PHR END

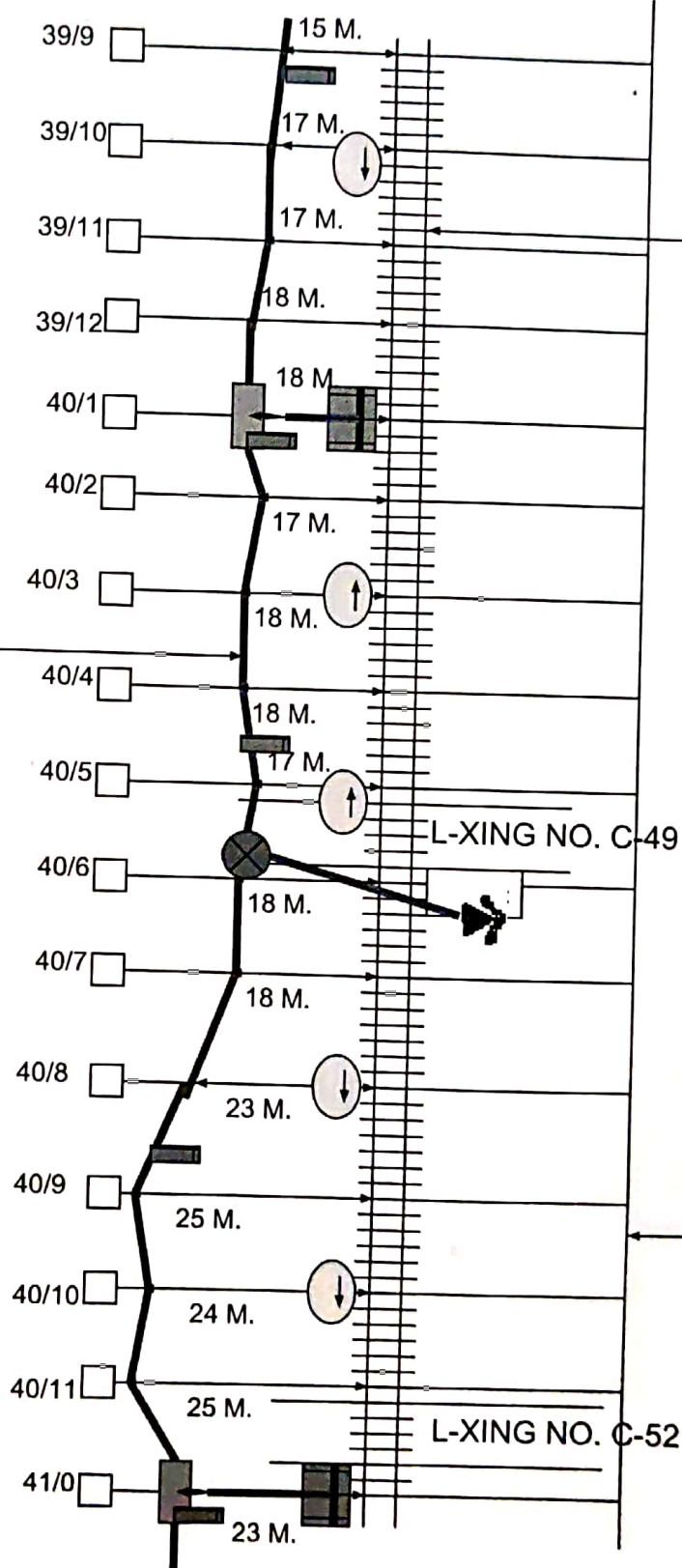
NAKODAR-MALSIA SHAKHOT

LNK END

Rly. Track

Rly. Boundary

6 QUAD CABLE



SSE/TELE/FZR

DSTE/FZR

Sr. DSTE/FZR

Emergency joint
Derivation joint
Straight joint
Emergency Socket
Direction pole
Root indicator
Gate phone

PHR END →

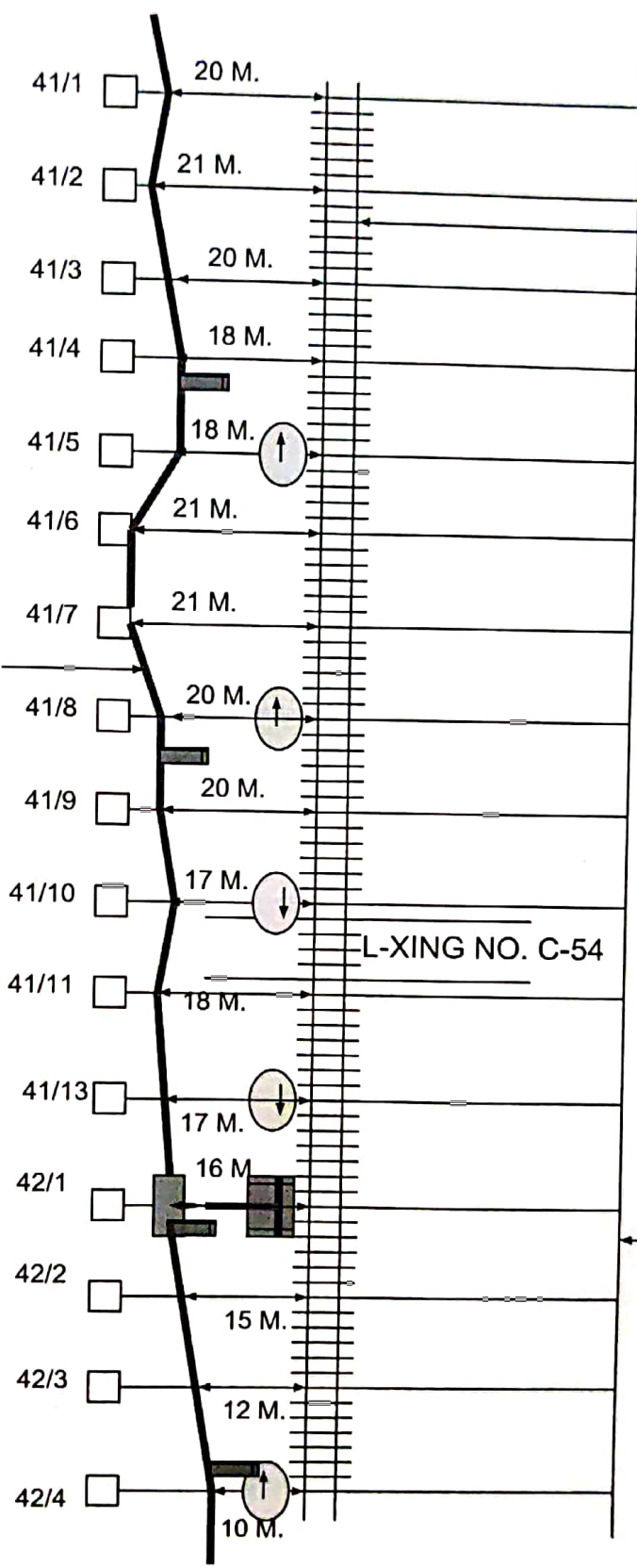
NAKODAR-MALSIA SHAIKHOT

← LNK END

Rly. Track

Rly. Boundary

6 QUAD CABLE



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

Emergency joint

Emergency Socket

Derivation joint

Direction pole

Straight joint

Root indicator

Gate phone

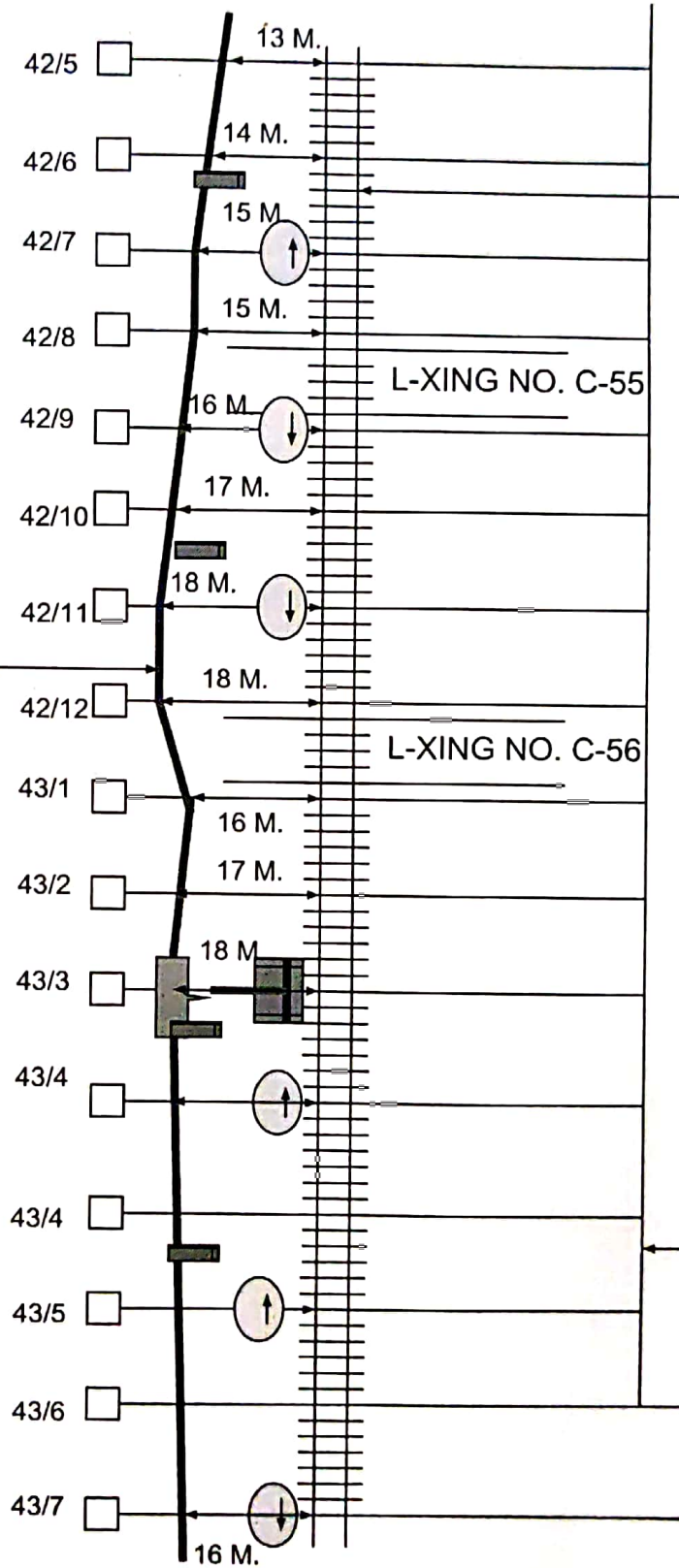
PHR END

NAKODAR-MALSIA SHAHKOT

LNK END

Rly. Track

Rly. Boundary



6 QUAD CABLE

SSE/TELE/FZR

DSTE/FZR

Sr. DSTE/FZR

Emergency joint

Derivation joint

Straight joint

Emergency Socket

Direction pole

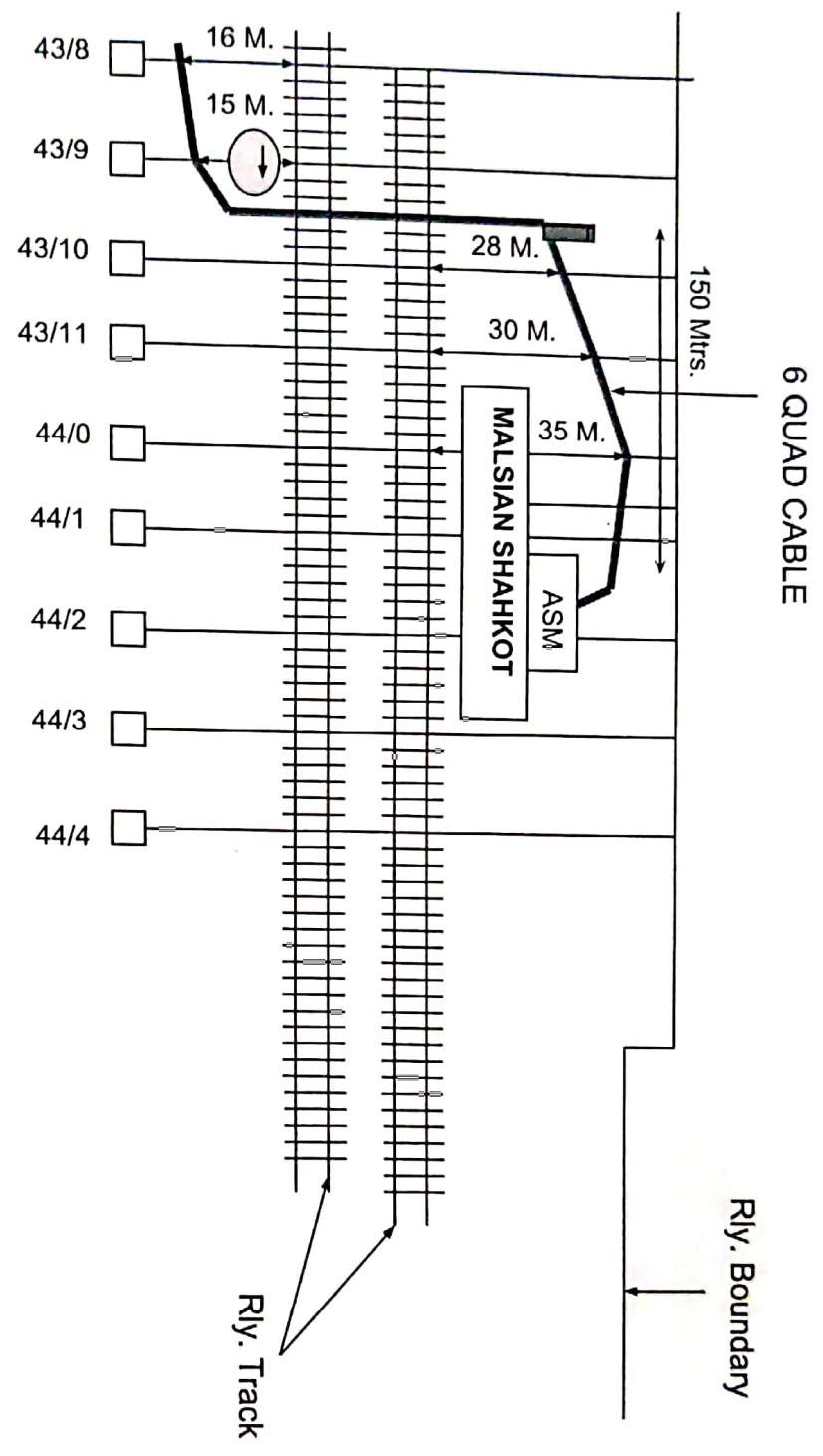
Root indicator

Gate phone

PHR END

NAKODAR-MALSIAN SHAHKOT

LNK END



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

Emergency joint



Emergency Socket



Derivation joint



Direction pole



Straight joint



Root Indicator



Gate phone



NORTHERAN RAILWAY

FINAL CABLE ROUTE PLAN

FOR

MALSIAN SHAHKOT

TO

LOHIAN KHAS

PHR END →

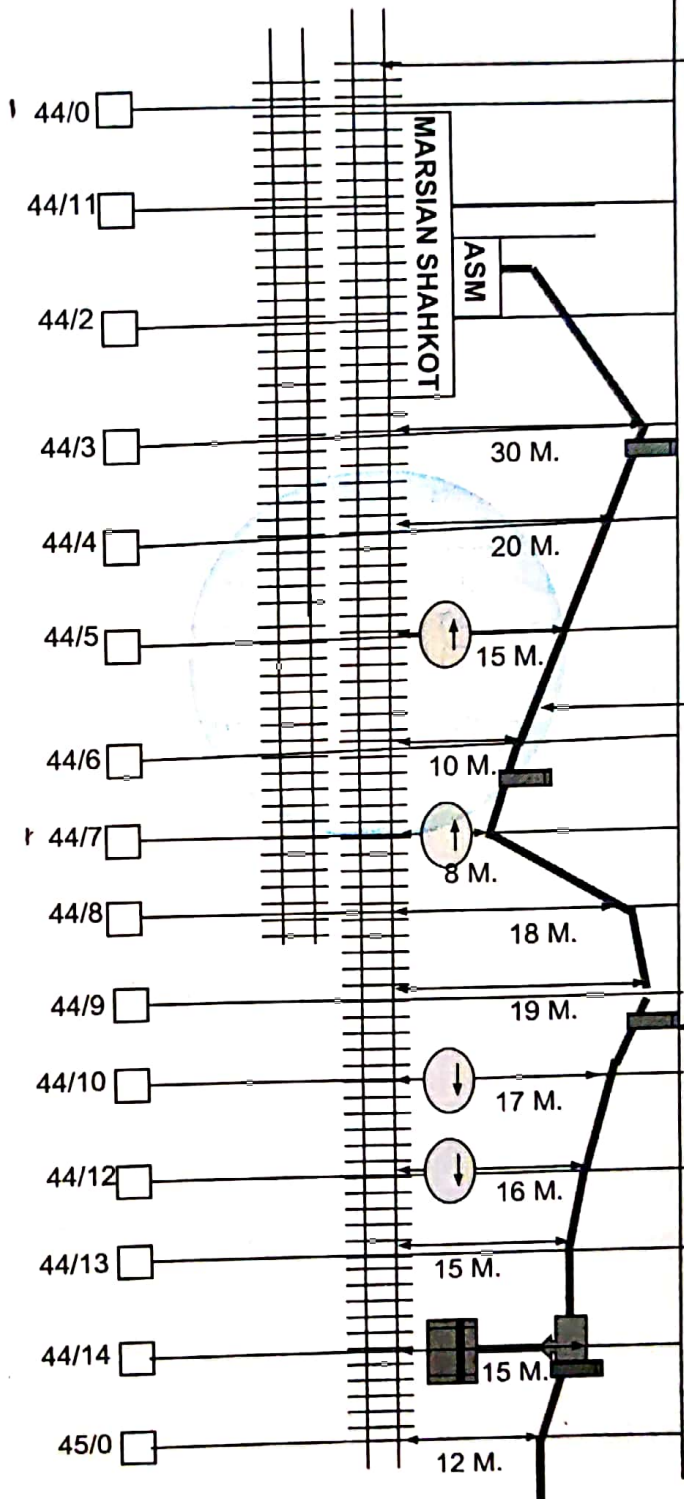
MALSIAN SHAHKOT - LOHIAN KHAS

← LNK END

Rly. Track

6 QUAD CABLE

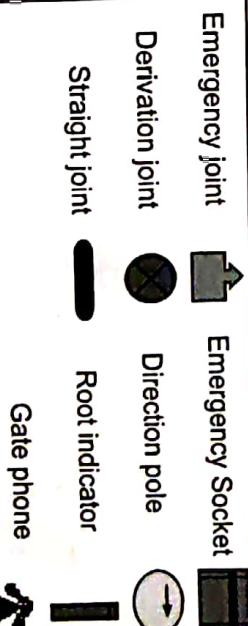
Rly. Boundary



SSE/TELE/FZR

DSTE/FZR

S. DSTE/FZR



PHR END

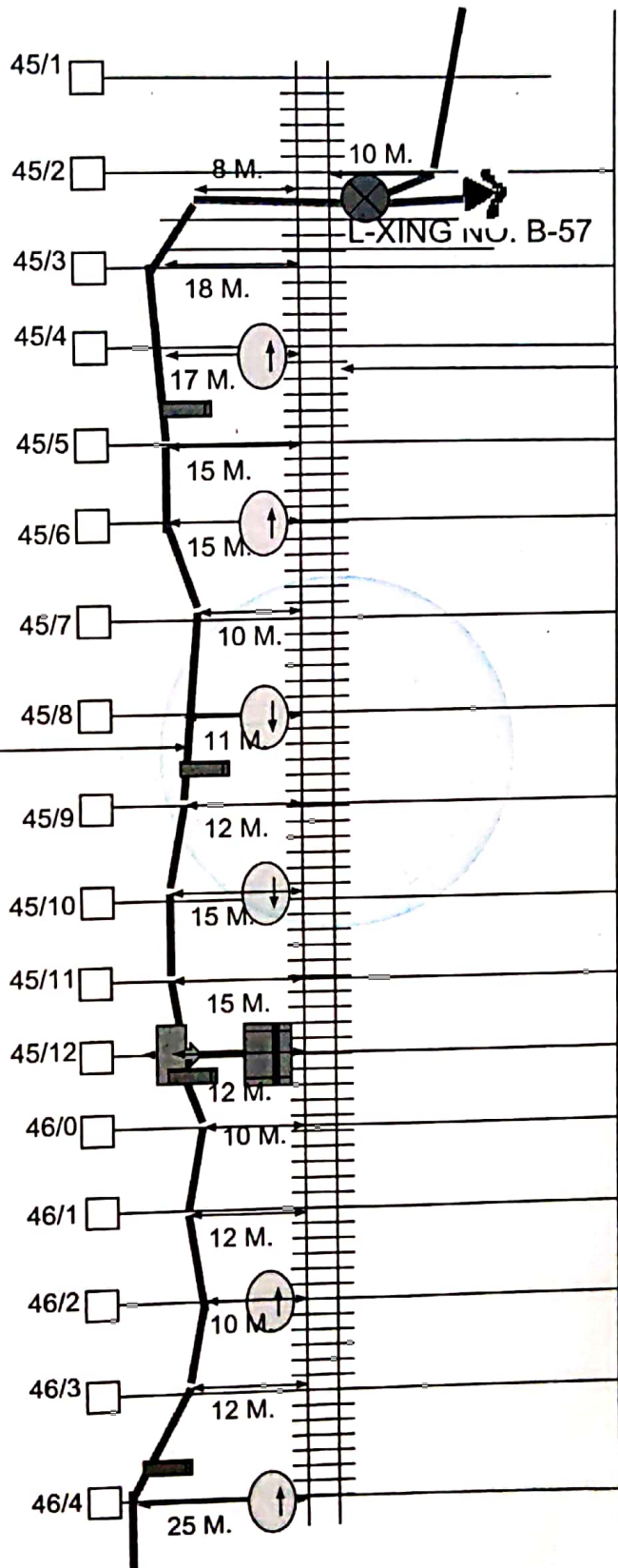
MALSIAH SHAHKOT - LOHIAN KHAS

LNK END

Rly. Track

Rly. Boundary

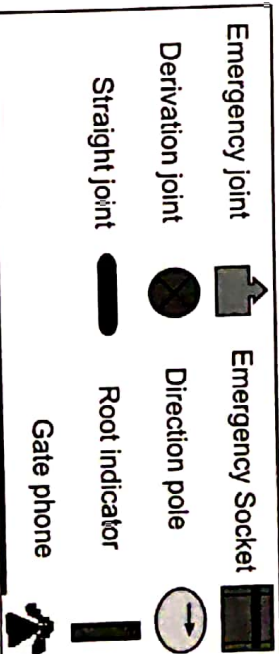
6 QUAD CABLE



SSE/TELE/FZR

DSTE/FZR

S. DSTE/FZR



PHR END →

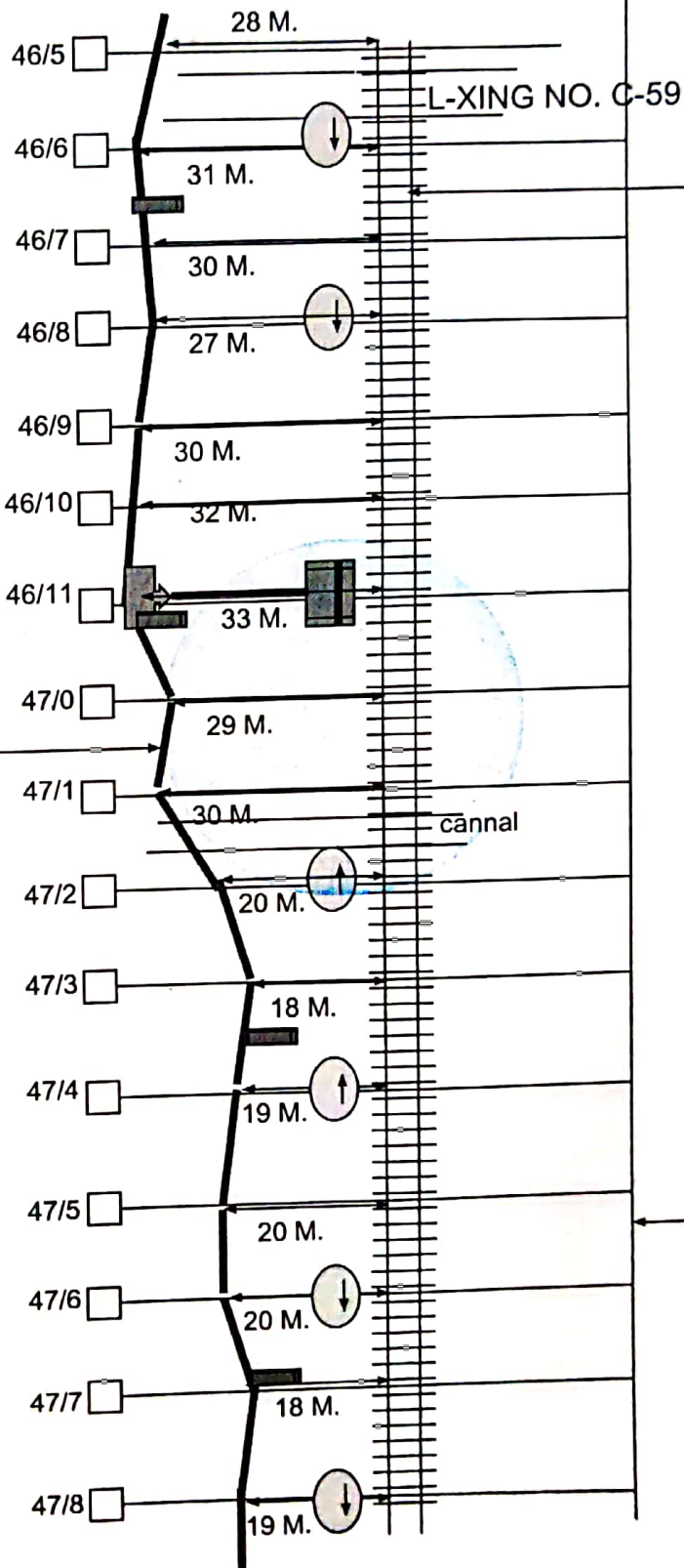
MALSIAN SHAHKOT - LOHIAN KHAS

← LNK END

Rly. Track

Rly. Boundary

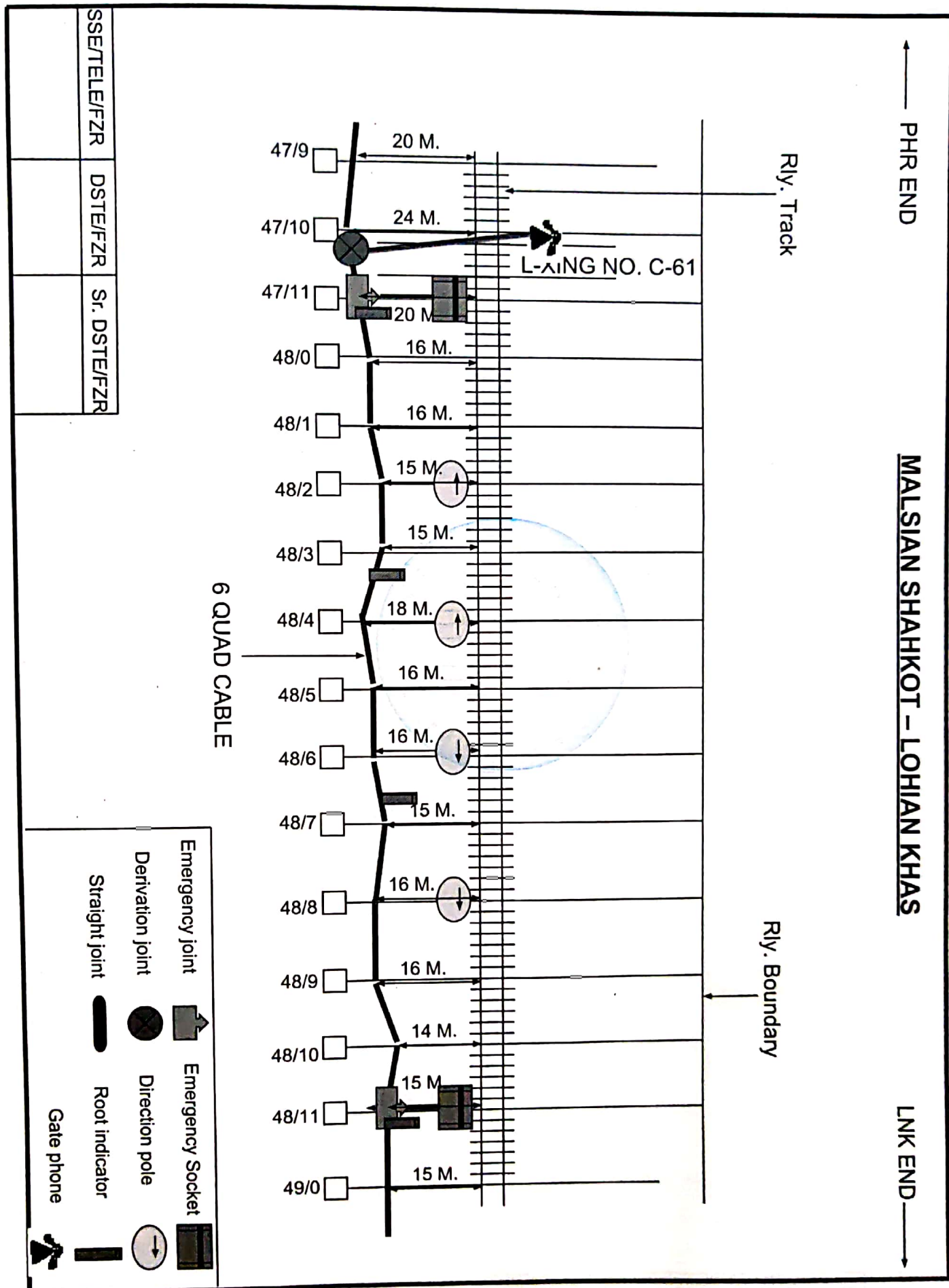
6 QUAD CABLE



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

Emergency joint
Derivation joint
Straight joint
Emergency Socket
Direction pole
Root indicator
Gate phone





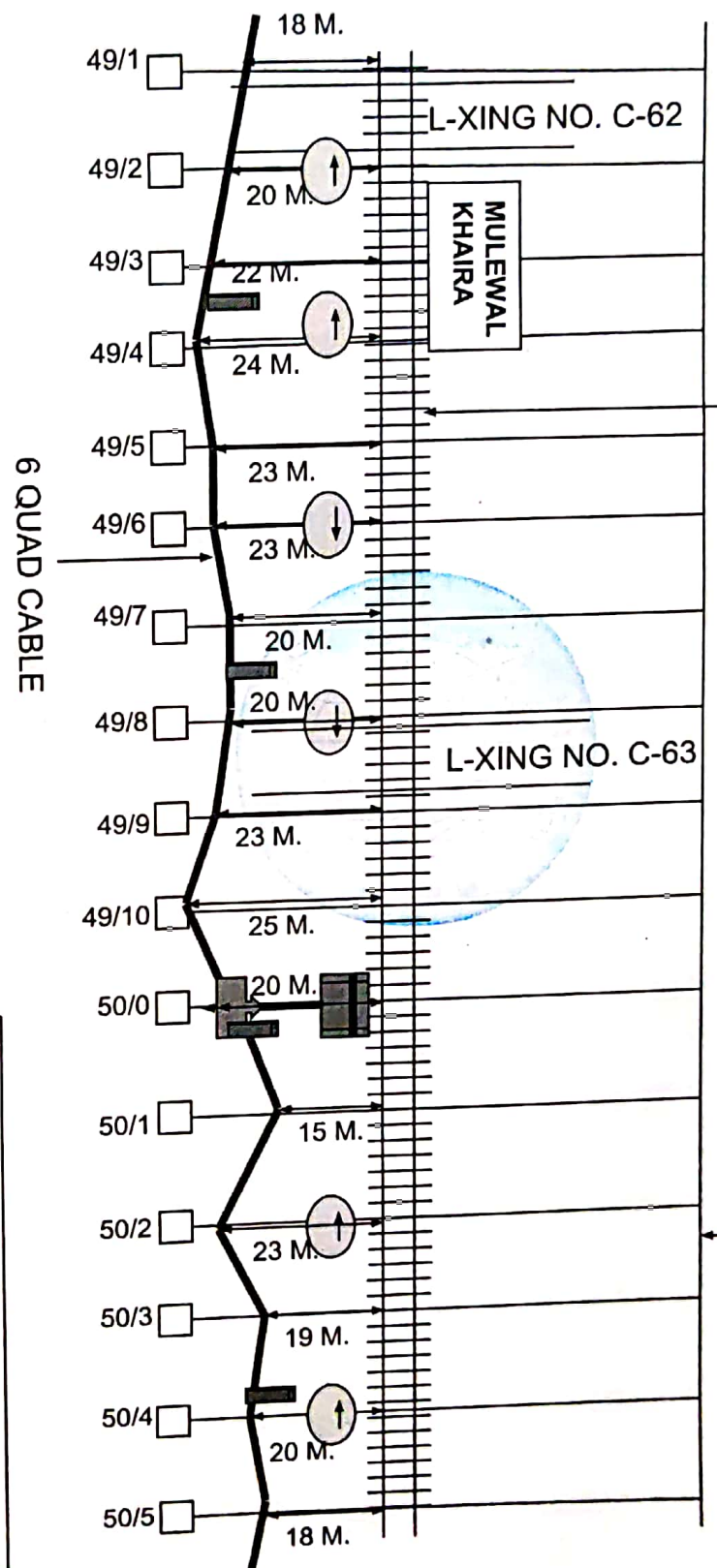
PHR END

MALSIAN SHAHKOT - LOHIAN KHAS

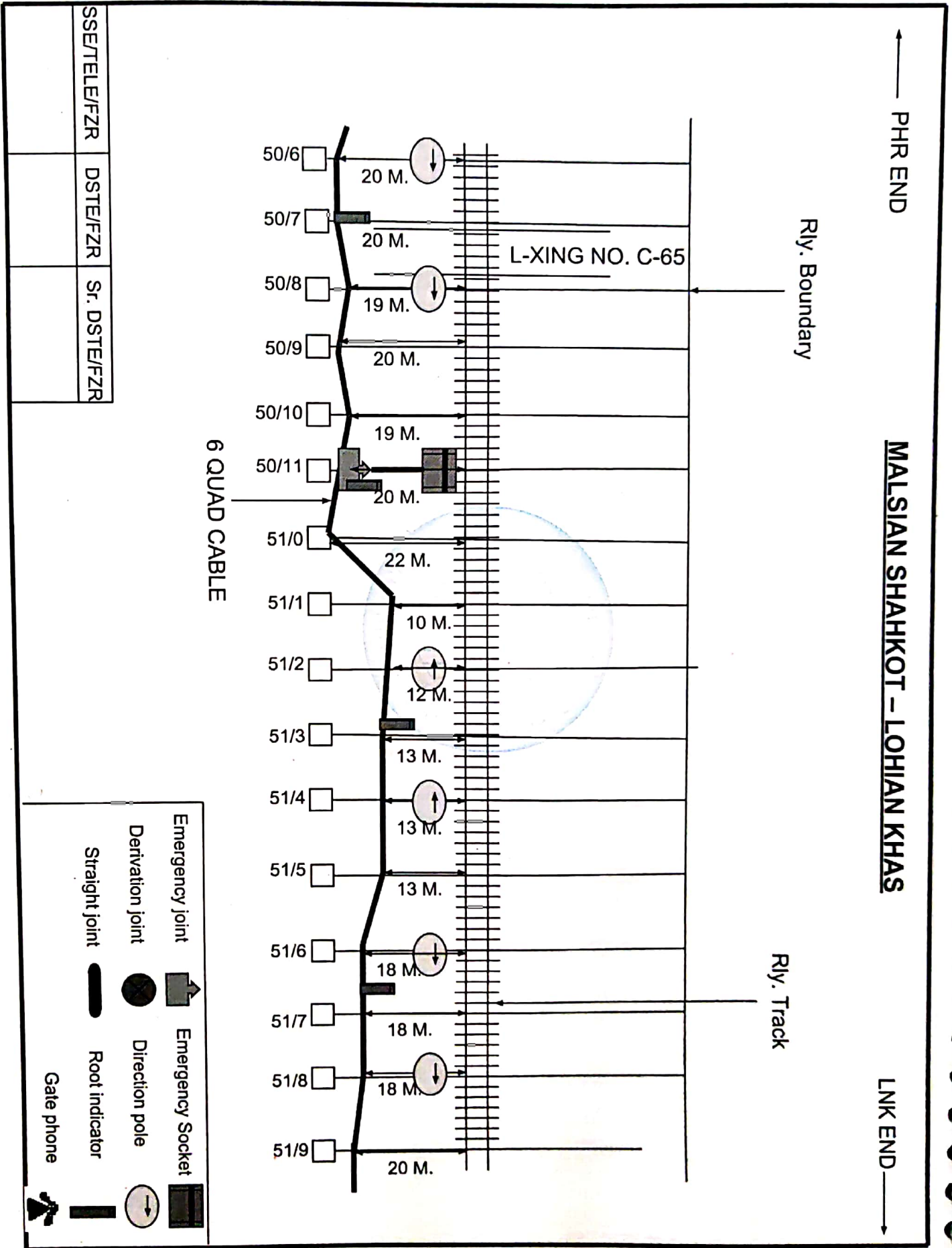
LNK END

Rly. Track

Rly. Boundary



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



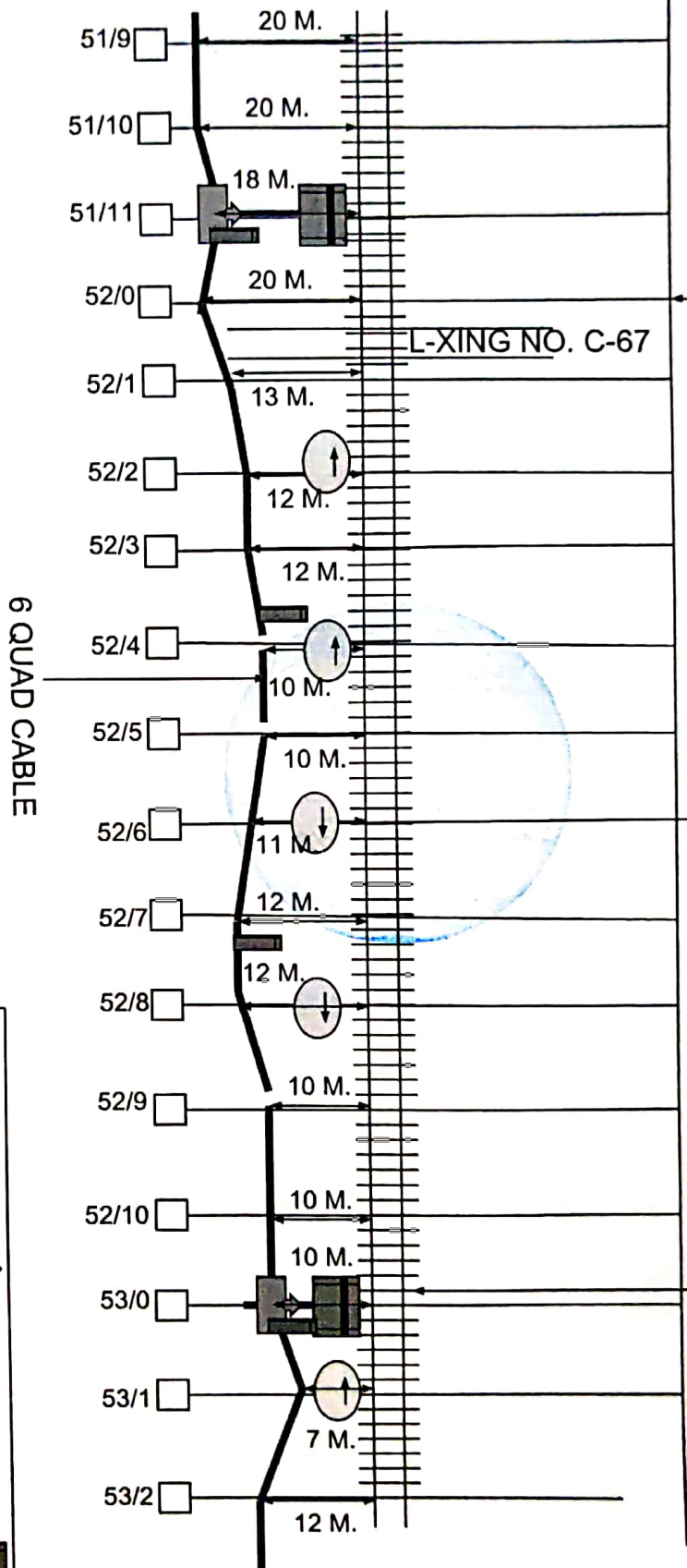
PHR END

MALSIA SHAKHOT - LOHIAN KHAS

LNK END

Rly. Boundary

Rly. Track



SSE/TELE/FZR DSTE/FZR S. DSTE/FZR

- Emergency joint
- Derivation joint
- Straight joint
- Emergency Socket
- Direction pole
- Root indicator
- Gate phone

PHR END →

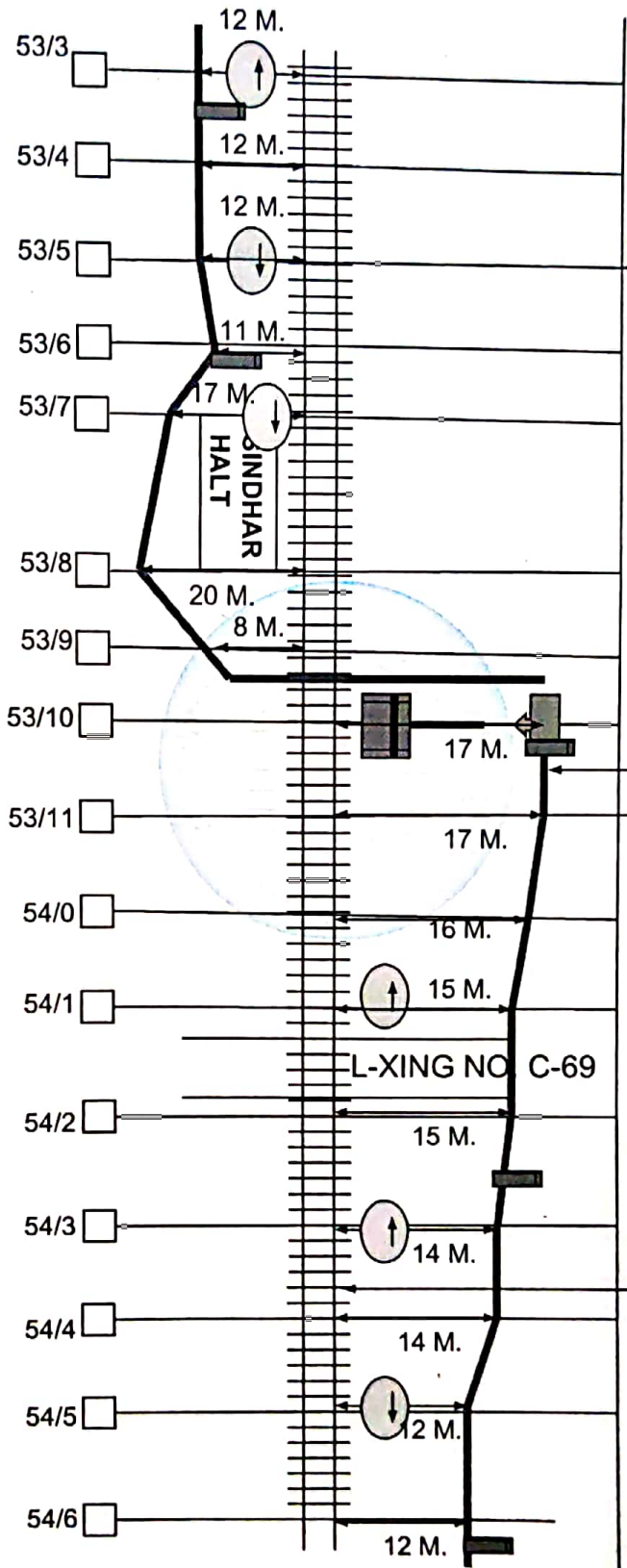
MALSIA SHAKHOT - LOHIAN KHAS

← LNK END

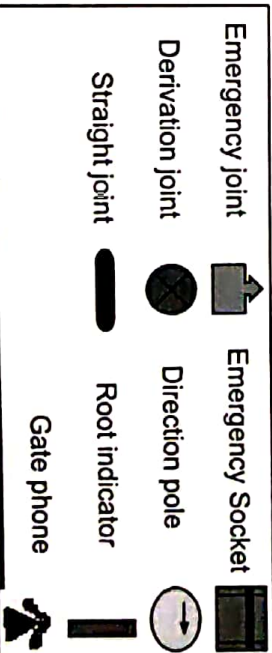
Rly. Boundary

6 QUAD CABLE

Rly. Track



SSE/TELE/FZR DSTE/FZR S. DSTE/FZR



← PHR END

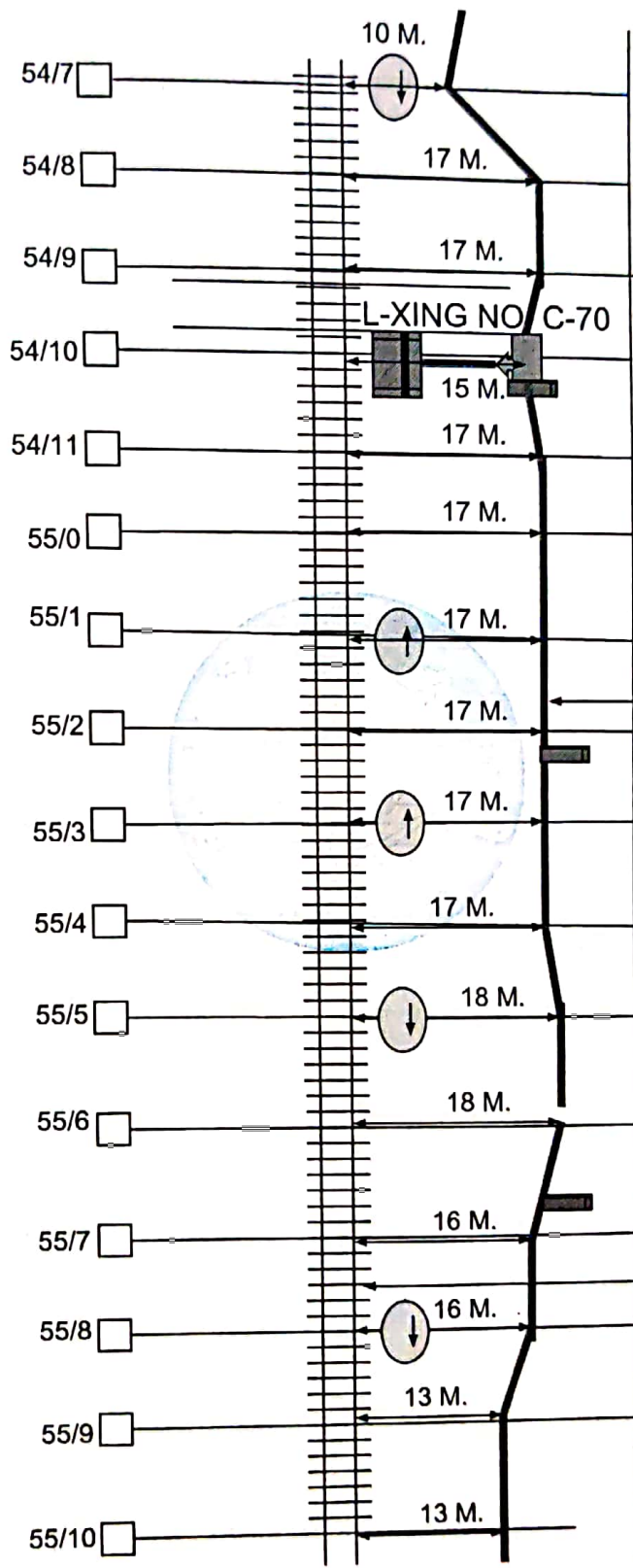
MALSIAN SHAHKOT - LOHIAN KHAS

LNK END →

Rly. Boundary

6 QUAD CABLE

Rly. Track



SSE/TELE/FZR

DSTE/FZR

Sr. DSTE/FZR

Emergency joint

Derivation joint

Straight joint

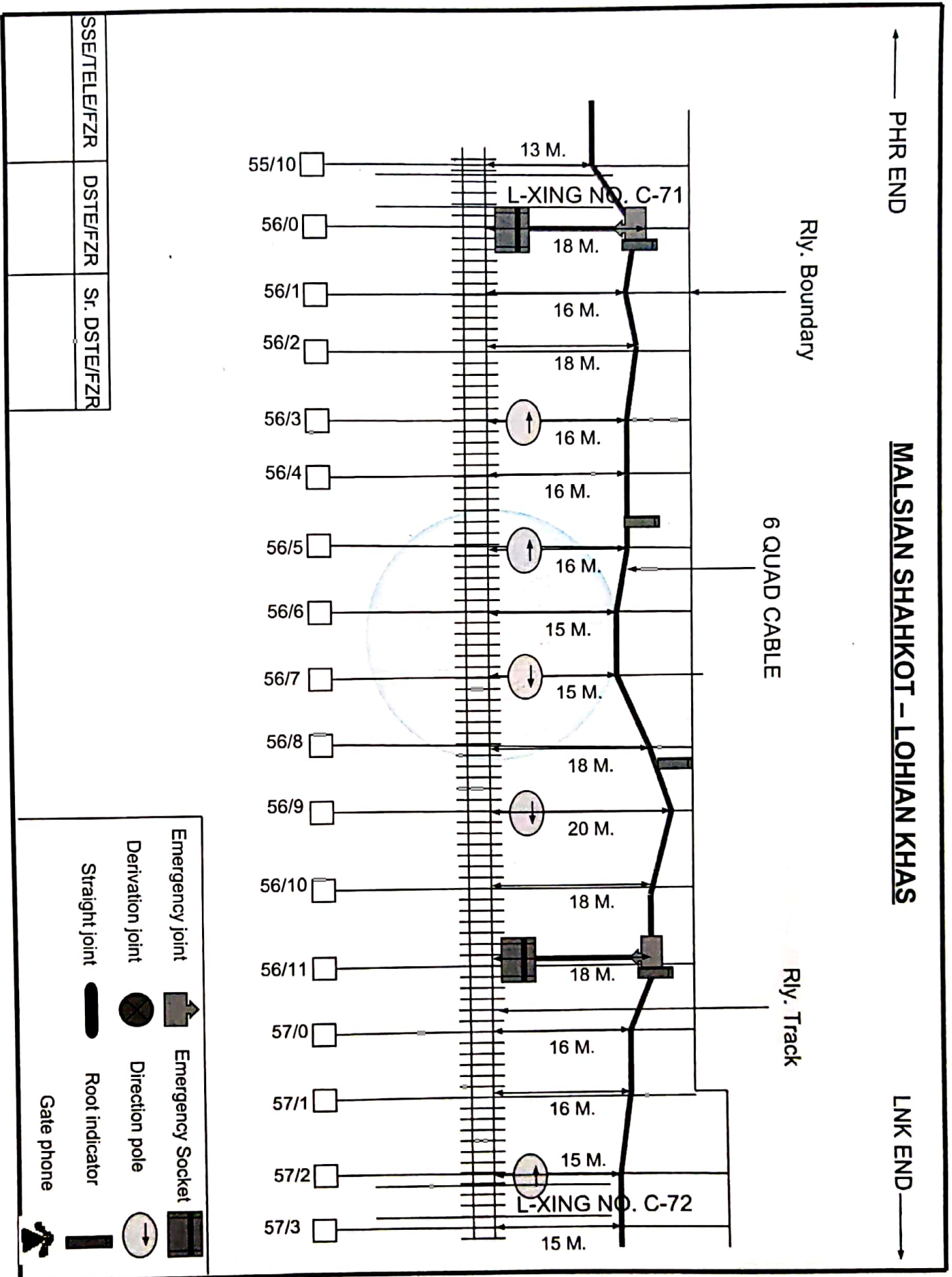
Emergency Socket

Direction pole

Root indicator

Gate phone

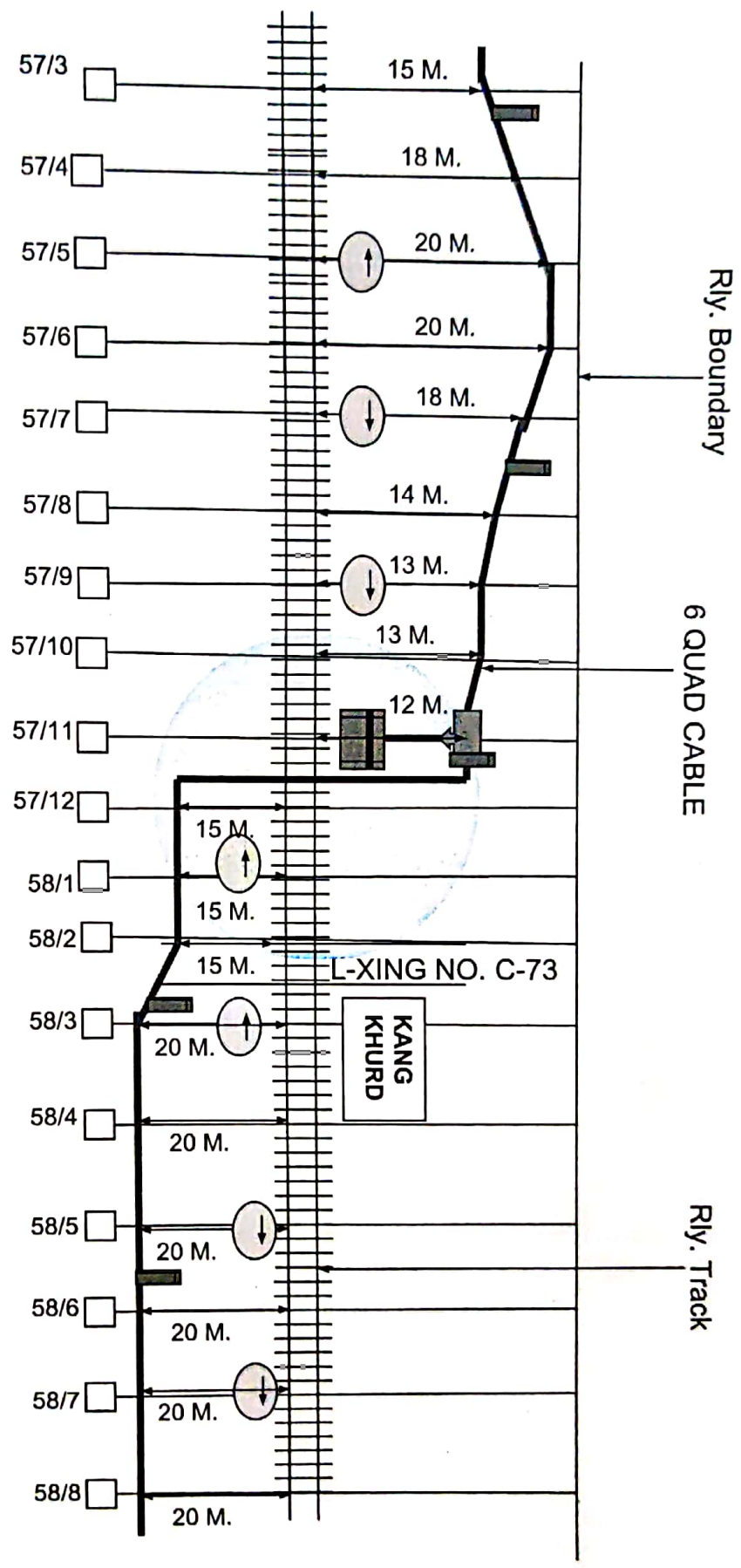




PHR END →

MALSIAN SHAHKOT - LOHIAN KHAS

← LNK END



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

Emergency joint

Derivation joint

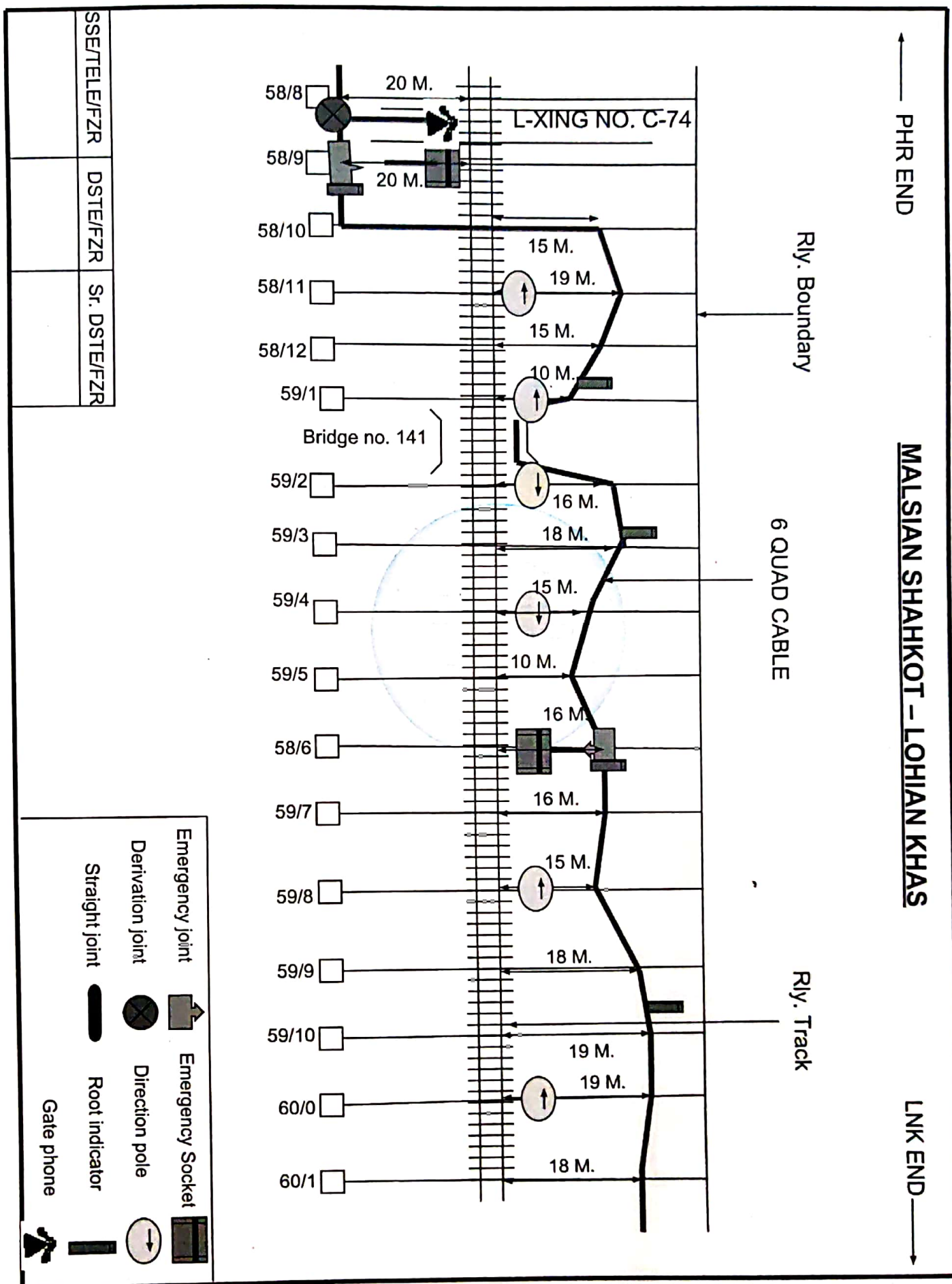
Straight joint

Gate phone

Emergency Socket

Direction pole

Root indicator



PHR END

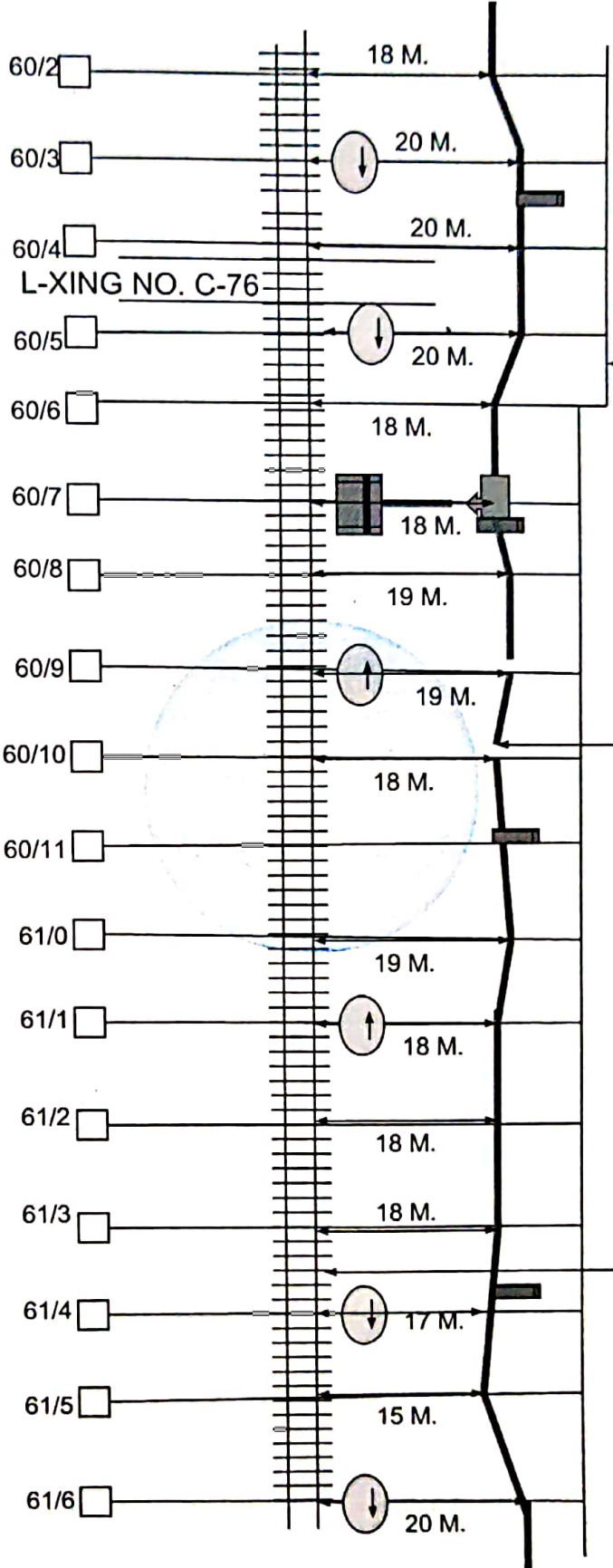
MALSIAN SHAHKOT - LOHIAN KHAS

LNK END

Rly. Boundary

6 QUAD CABLE

Rly. Track



SSE/TELE/FZR

DSTE/FZR

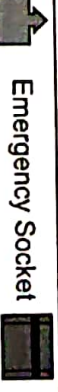
Sr. DSTE/FZR

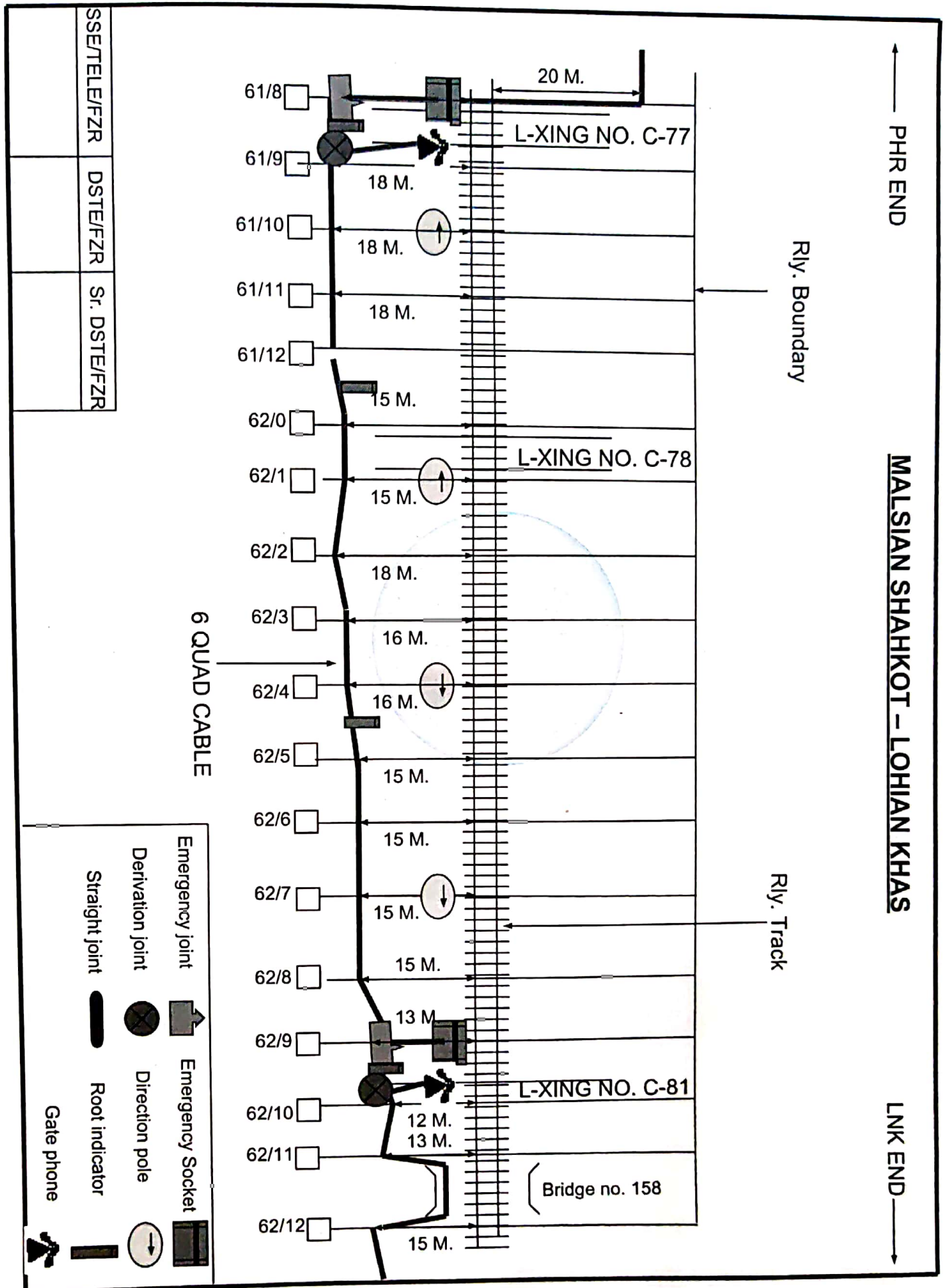
Emergency joint

Derivation joint

Straight joint

Gate phone





PHR END

MALSIAK SHAHKOT - LOHIAN KHAS

LNK END

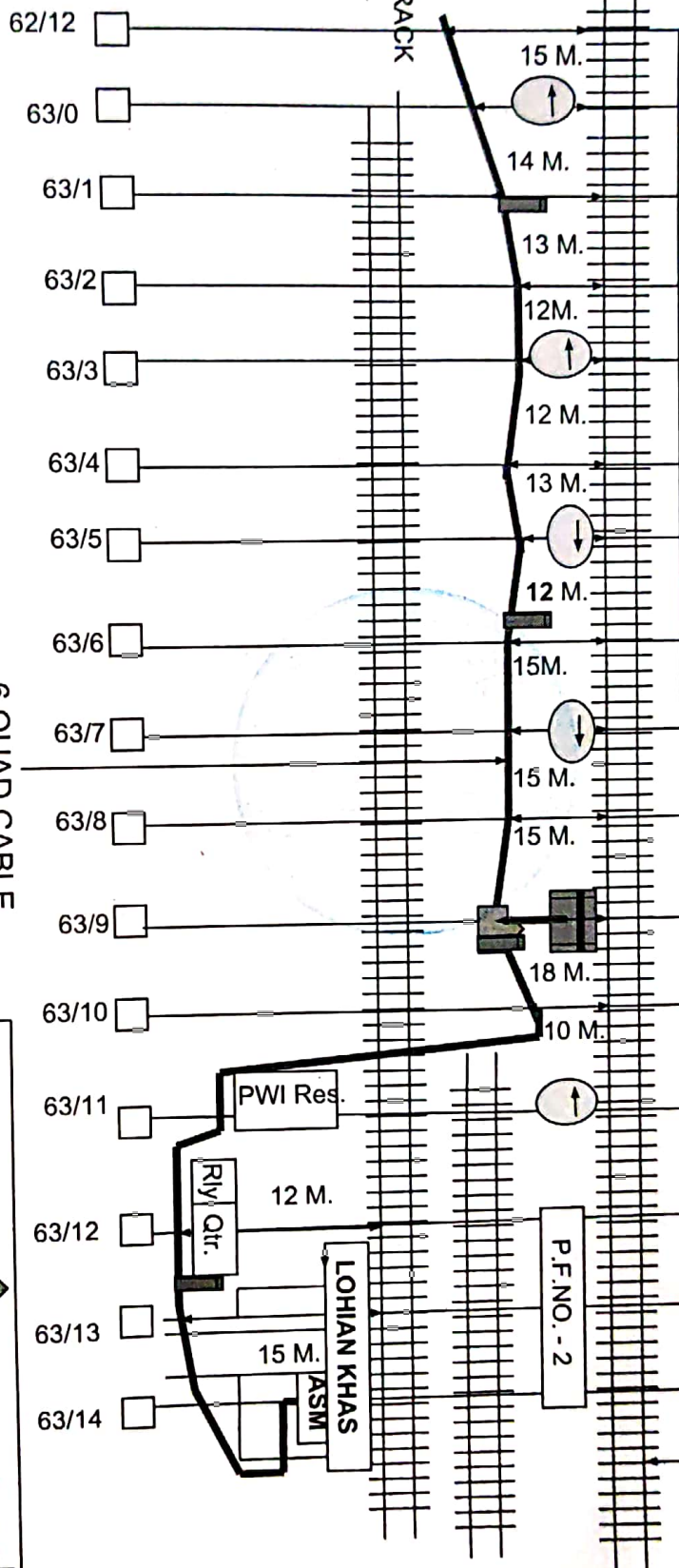
Rly. Boundary

Rly. Track

PHR TRACK

JUC TRACK

6 QUAD CABLE



SSE/TELE/FZR

DSTE/FZR

Sr. DSTE/FZR