

OFC CABLE LAMP PLAN

SECTION - JHANSI - AGRA OF JHANSI DIVISION

PREPARED BY- ASCAN ENGINEERS (P) LIMITED, JHANSI

* JHANSI TEST ROOM TO BANMOR

NOTE:- ALL DIMENSIONS ARE IN METER

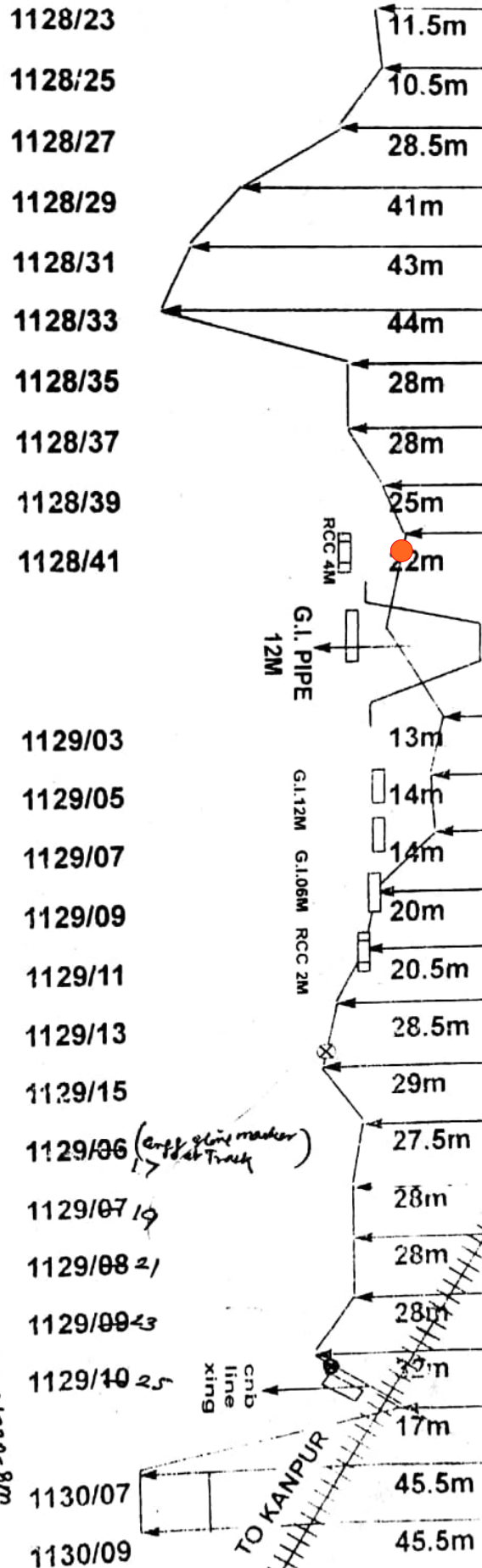
TOTAL SHEETS- 81

DRG.NO. OFCS&TJHS-AGC

To Bpl Up Line

1129/13+32

TO NDLS/DN LINE



1128/23
1128/25
1128/27
1128/29
1128/31
1128/33
1128/35
1128/37
1128/39
1128/41

1129/03
1129/05
1129/07
1129/09
1129/11
1129/13
1129/15

1129/06 (cable line marker)

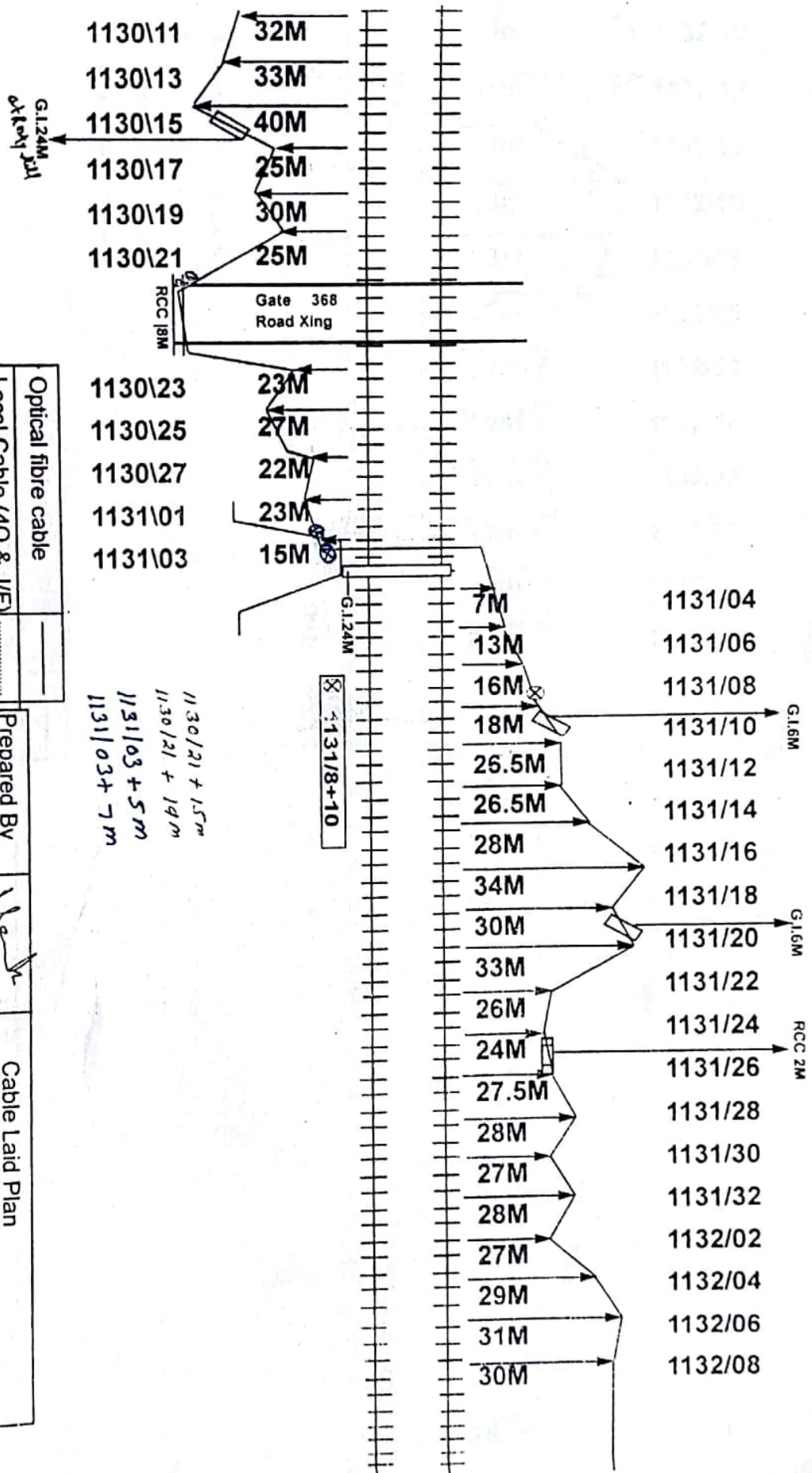
1129/07 19
1129/08 21
1129/09 43
1129/10 25

1130/07
1130/09

Date:- 13-Nov-2020
TP No:- 1128/41 + 32 Mtr
Loop:- 10 Mtr
Offset:- 24 Mtr
OTDR:- From JHS towards DBA (2.344 KM)
Joint Pit:- 10-Jan-2021

Optical fibre cable	
Local Cable (4Q & J/F)	
RCC Pipe	
G.I. Pipe	
OFC Joint	8
Local Cable Joint	2

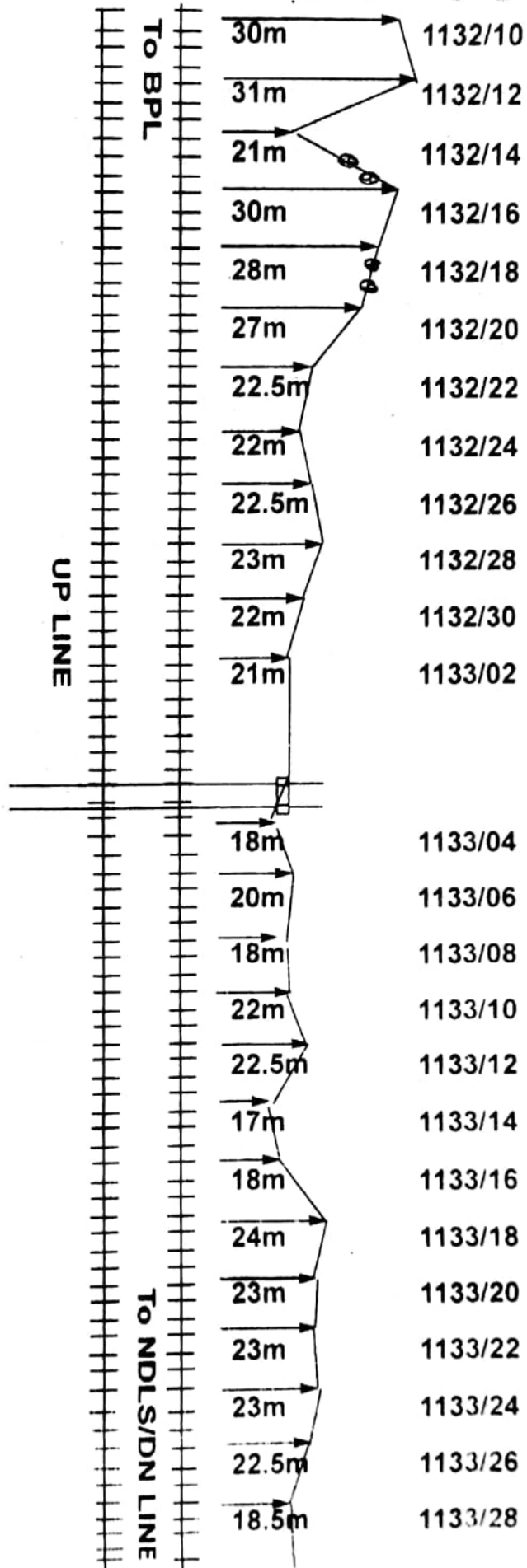
Prepared By		Cable Laid Plan
Checked By		Section
Rly. REP.		JHS-KRO
Ascan Rep.		OFC/S&T/ JHS-AGC
	Sheet No.	02



Optical fibre cable	—
Local Cable (4Q & J/F)
RCC Pipe	□
G.I. Pipe	□
OFC Joint	⊗
Local Cable Joint	⊕

Prepared By	Checked By	Section	JHS-KRQ
Riy. REP.	Dr. B.	Section	JHS-KRQ
Ascan Rep.	Dr. B.	Dr. B.	OFC/S&T/ JHS-AGC
Sheet No.	03		

Road King
RCC 16m



0 - 1132/14 + 20 m
0 - 1132/16 - 30 m
1132/18 + 25 m
1132/20 - 30 m

Optical fibre cable	—
Local Cable (4Q & J/F)
RCC Pipe	□
G.I. Pipe	□
OFC Joint	8
Local Cable Joint	Φ

Prepared By	Wd	Cable Laid Plan	
Checked By	KS	Section	JHS-KRQ
Rly. REP.		Drg.Bo.	OFC/S&T/ JHS-AGC
Ascan Rep.	Phalaji	Sheet No.	04

Date:- 07-April-2021
 TP No:- 1135/02: +20 Mtr
 1135/02: +30 Mtr
 Loop:- 50 Mtr (20 +20)
 Offset:- 24 Mtr
 OTDR:- From JHS (9.435 KM)
 Depth of OFC:- 1.2 Mtr
 Chamber Installation:- Pending.
 (Extension request letter provided by
 M/s SP Telecom. Chamber will be
 installed till 30-June-2021.)

Optical fibre cable	
Local Cable (4Q & J/F)	
RCC Pipe	
G.I. Pipe	
OFC Joint	8
Local Cable Joint	4

Prepared By	Wad	Cable Laid Plan	
Checked By	AG	Section	JHS-KRQ
Rly. REP.		Drg.Bo.	OFC/S&T/ JHS-AGC
Ascan Rep.	Prakash	Sheet No.	05

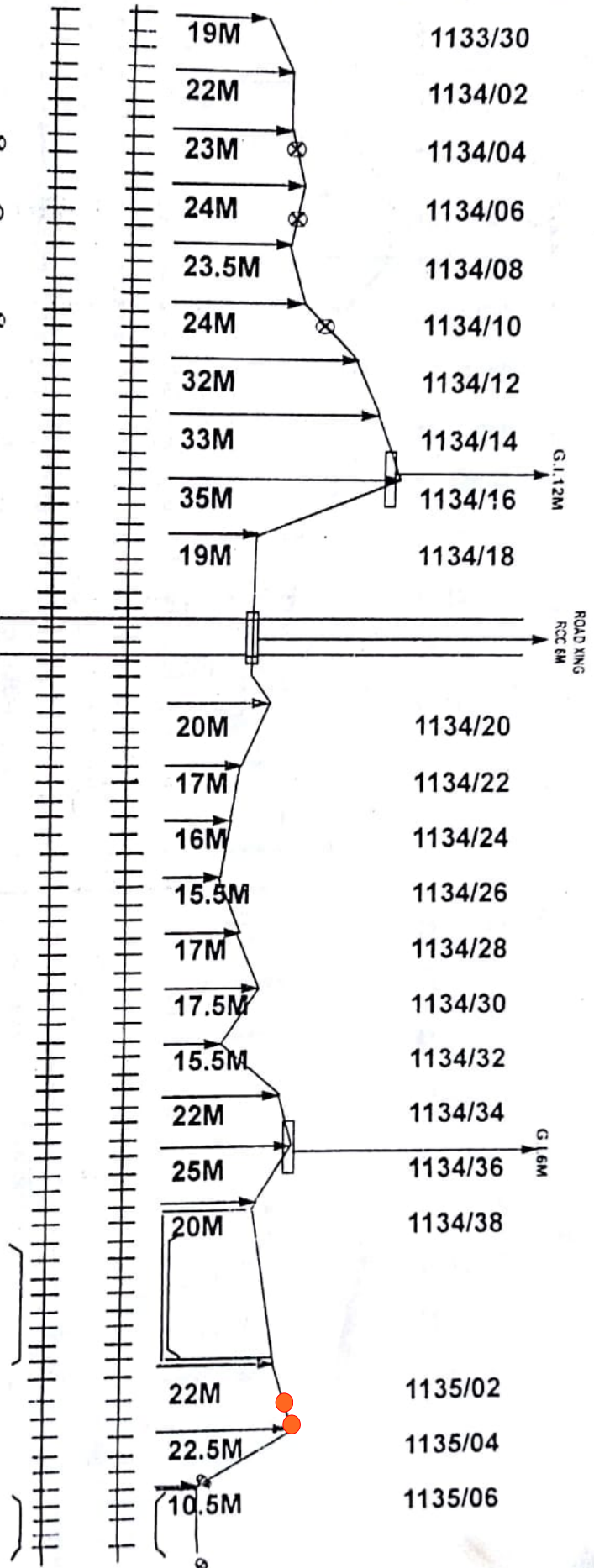
1134/4-19 1134/6-9 1134/10+28



RCC- 6Mtr.

1135/04+20m
 1135/08+40m
 GI PIPE
 118Mtr.

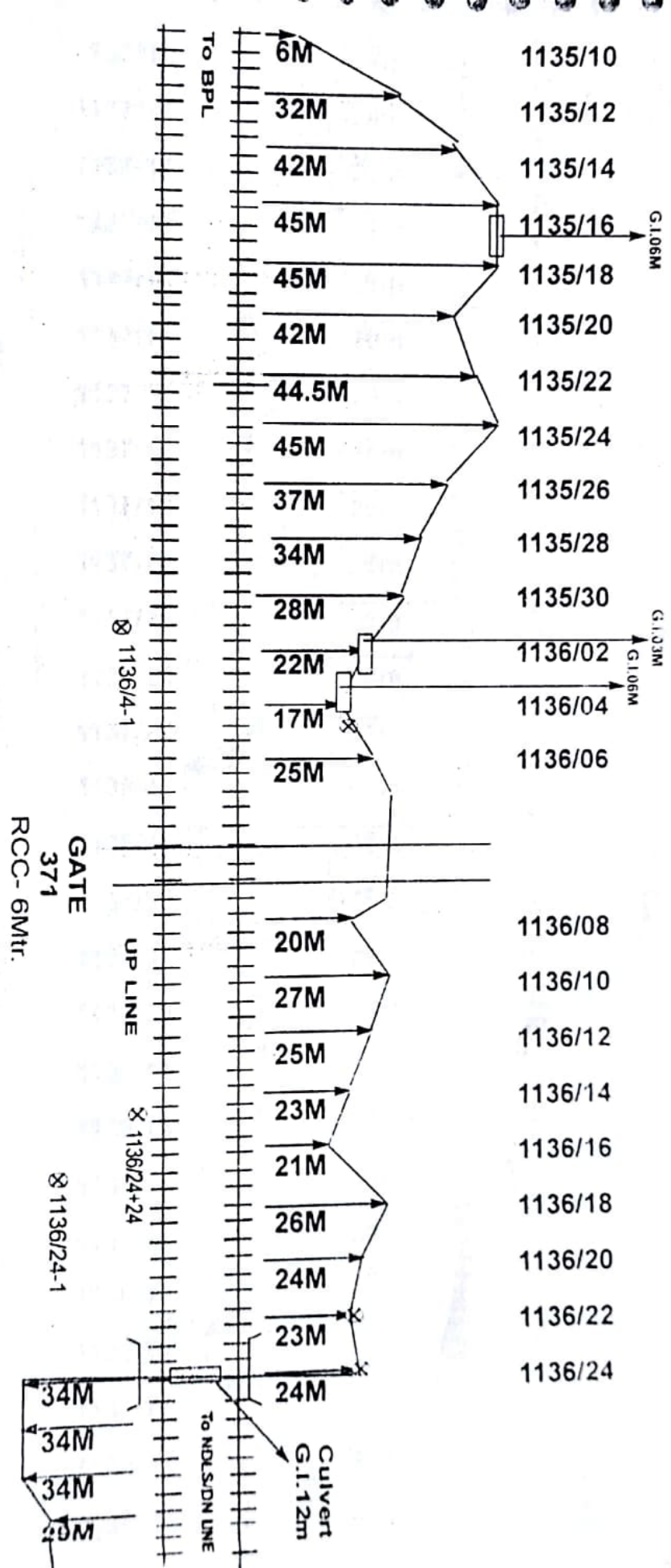
GATE
370

CANAL
BRIDGE
PAHUJ
BRIDGE



Optical fibre cable	—
Local Cable (4Q & J/F)
RCC Pipe	
G.I. Pipe	
OFC Joint	⊗
Local Cable Joint	⊕

Prepared By	<i>Wsk</i>	Cable Laid Plan	
Checked By	<i>Adg</i>	Section	JHS-KRQ
Rly. REP.		Drg. Bo.	OFC/S&T/ JHS-AGC
Ascan Rep.	<i>Adg</i>	Sheet No.	06



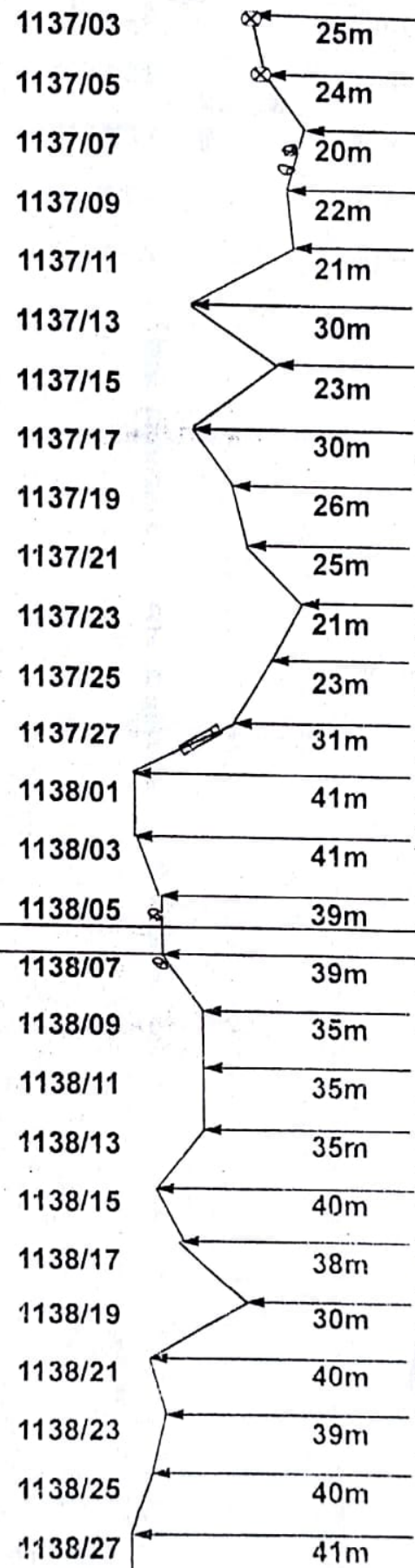
X 1137/5-5
 X 1137/5-5
 To BPL

RCC 6m

RCC- 6Mtr.
 GATE
 372

To MDLS/DN LINE

UP LINE

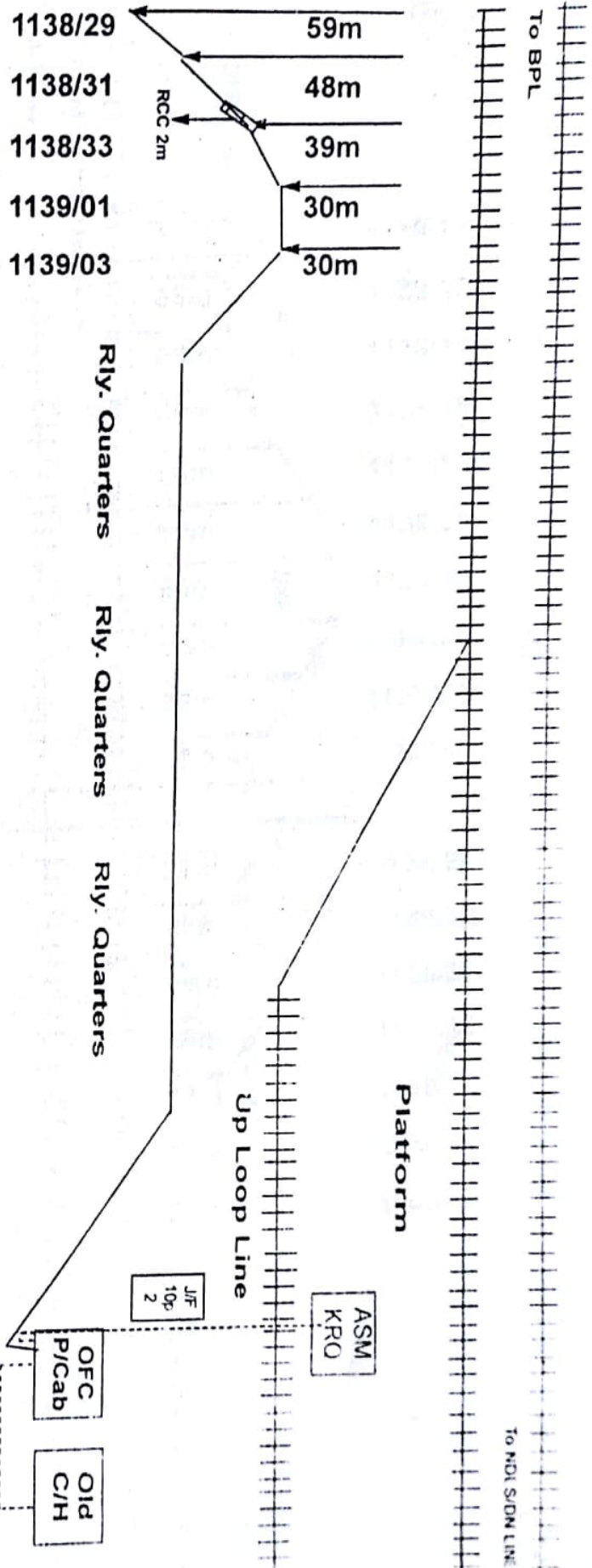


1137/7 + 30 m
 1137/7 + 35 m

1138/5 + 7m
 1138/7 - 10m

Optical fibre cable	—
Local Cable (4Q & J/F)	—
RCC Pipe	—
G.I. Pipe	—
OFC Joint	8
Local Cable Joint	Φ

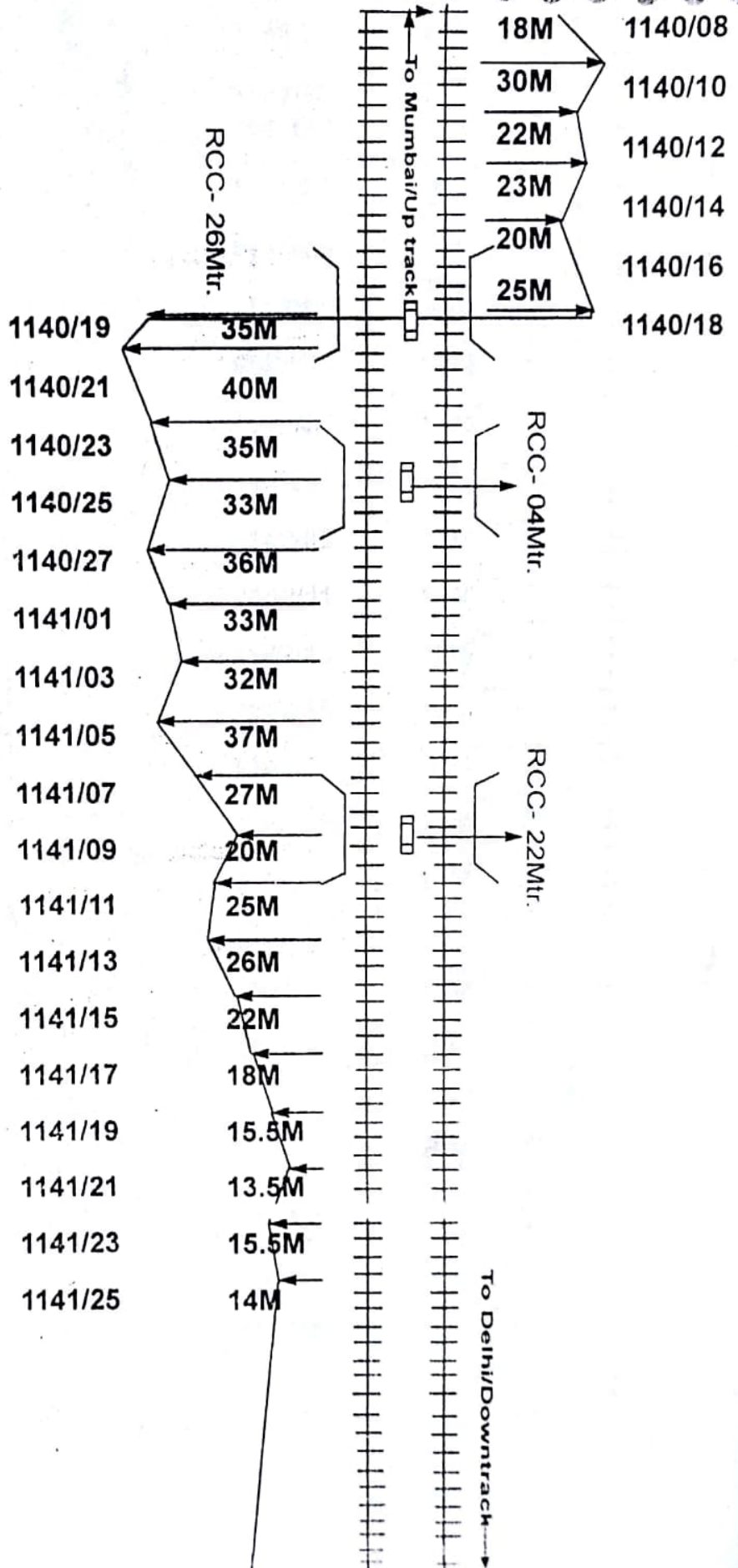
Prepared By	Wah	Cable Laid Plan	
Checked By	Ref.	Section	JHS-KRQ
Rly. REP.		Drg. Bo.	OFC/S&T/ JHS-ACC
Ascan Rep.	Alavi	Sheet No.	07



Optical fibre cable	—
Local Cable (4Q & J/F)	—
RCC Pipe	—
G.I. Pipe	—
OFC Joint	⊗
Local Cable Joint	⊕

Prepared By	Wade	Cable Laid Plan	
Checked By	AG	Section	JHS-KRQ
Rly. REP.		Drg. Bo.	OFC/S&T/ JHS-AGC
Ascan Rep.	Quaid	Sheet No.	08

Privatr House	Privatr House	Indian Oil Boundaries
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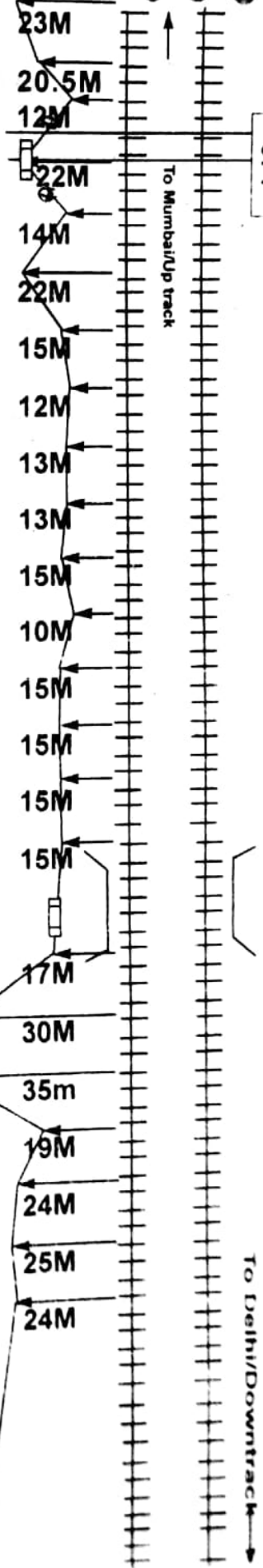


Optical fibre cable	
Local Cable (4Q & J/F)	
RCC Pipe	
G.I. Pipe	
OFC Joint	
Local Cable Joint	

Prepared By	able Laid Plan
Checked By	KRA-DAA
Rly. Rep.	OFC/S&T/ JHS-ACC
Ascan Rep.	heet No. 10

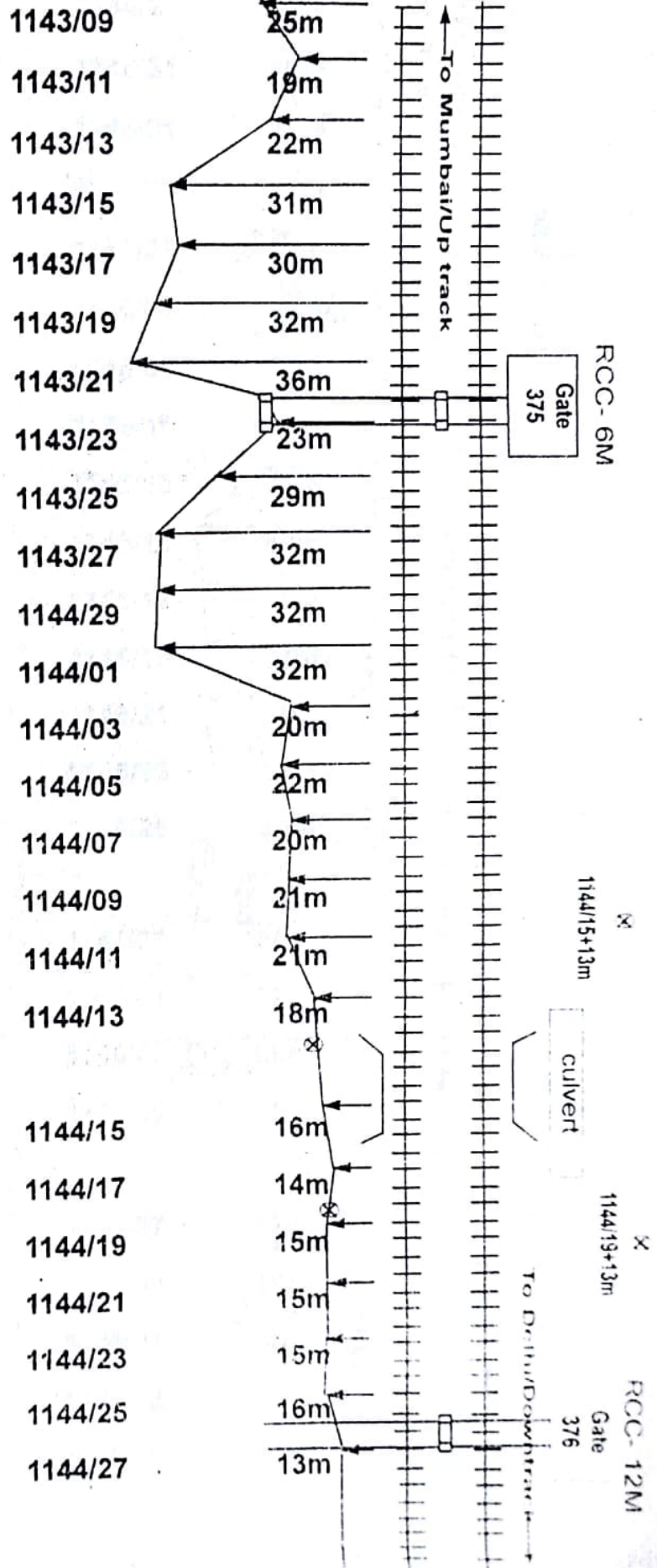
@ 1149/29 + 0 m
@ 1141/33 - 10 m

1141/27
1141/29
1141/31
1141/33
1141/35
1142/01
1142/03
1142/05
1142/07
1142/09
1142/11
1142/13
1142/15
1142/17
1142/19
1142/21
1142/23
1142/25
1142/27
1143/01
1143/03
1143/05
1143/07



Optical fibre cable	
Local Cable (4Q & J/F)	
RCC Pipe	
G.I. Pipe	
OFC Joint	8
Local Cable Joint	Φ

Prepared By	Uda	Cable Laid Plan	
Checked By	kg	Section	KRO-DAA
Rly. REP.		Drg. Bo.	OFC/S&T/ JHS-ACC
Ascan Rep.	Shal	Sheet No.	11

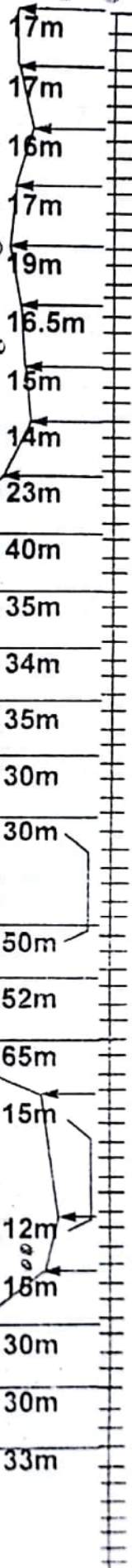


Optical fibre cable	—
Local Cable (4Q & J/F)
RCC Pipe	□
G.I. Pipe	□
OFC Joint	⊗
Local Cable Joint	⊕

Prepared By	WJH	Cable Laid Plan	
Checked By	AC	Section	KRO-DAA
Rly. REP.		Drg. Bo.	OFC/S&T/ JHS-A5C
Ascan Rep.	Ascan	Sheet No.	12

1143/13 + 30 m
1145/15 - 20 m

1144/29
1144/31
1145/01
1145/03
1145/05
1145/07
1145/09
1145/11
1145/13
1145/15
1145/17
1145/19
1145/21
1145/23
1145/25
1145/27
1146/01
1146/03
1146/05
1146/07
1146/09
1146/11
1146/13
1146/15



1145/5+7 1145/7-22

RCC - 16M

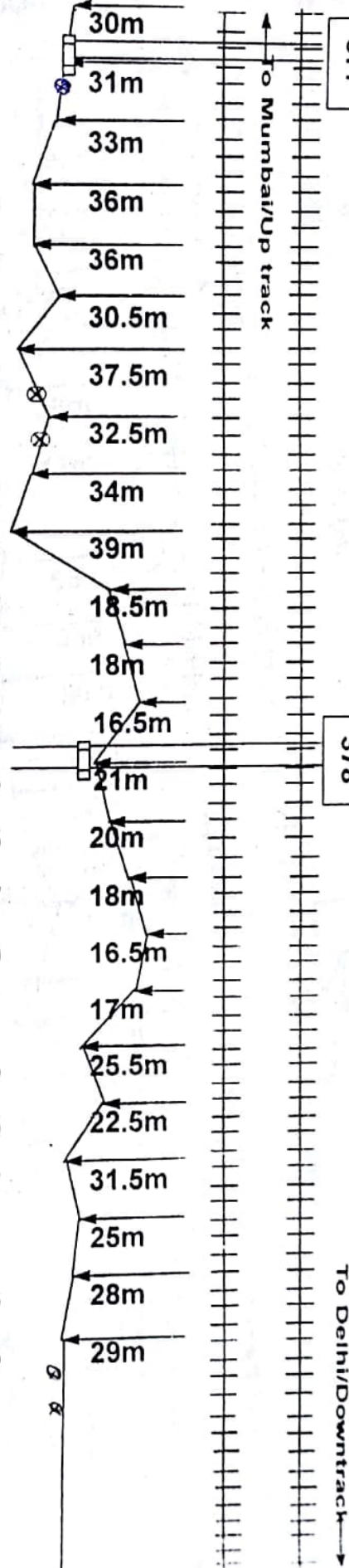
Optical fibre cable	
Local Cable (4Q & J/F)	
RCC Pipe	
G.I. Pipe	
OFC Joint	
Local Cable Joint	

Prepared By		Cable Laid Plan
Checked By		Section
Rly. REP.		DRG. BO.
Ascan Rep.		Sheet No.
		13

1146/7+12 m
1146/7+16 m

Ø 1146/19 - 5m

1146/17
1146/19
1146/21
1146/23
1146/25
1146/27
1146/29
1147/01
1147/03
1147/05
1147/07
1147/09
1147/11
1147/13
1147/15
1147/17
1147/19
1147/21
1147/23
1147/25
1147/27
1148/01
1148/03
1148/05



R.xing
RCC 6m
GATE
377

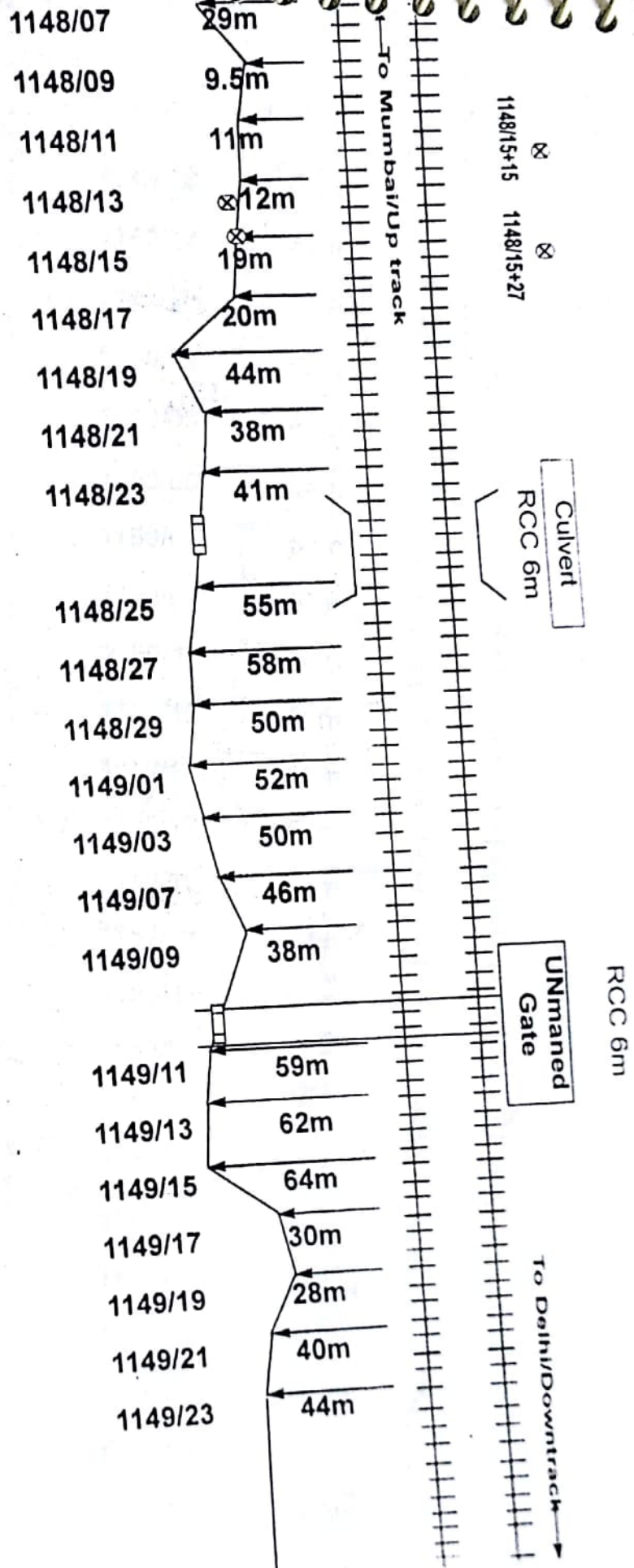
1147/1-12 1147/1+11

R.xing
RCC 8m
GATE
378

Optical fibre cable	—
Local Cable (4Q & J/F)	—
RCC Pipe	□
G.I. Pipe	□
OFC Joint	⊗
Local Cable Joint	⊕

Prepared By	Shubh	Cable Laid Plan	
Checked By	Hg	Section	KRO-DAA
Rly. REP.		Drg.No.	OFC/S&T/ JHS-AGC
Ascan Rep.	Shubh	Sheet No.	14

1148/05 + 05m
1148/05 + 12m



Optical fibre cable	
Local Cable (4Q & J/F)	
RCC Pipe	
G.I. Pipe	
OFC Joint	
Local Cable Joint	

Prepared By	W. S.	Cable Laid Plan	
Checked By	H. S.	Section	KRQ-DAA
Rly. REP.		Drg. No.	OFC/S&T/ JHS-AGC
Ascan Rep.	Shalaji	Sheet No.	15

Culvert

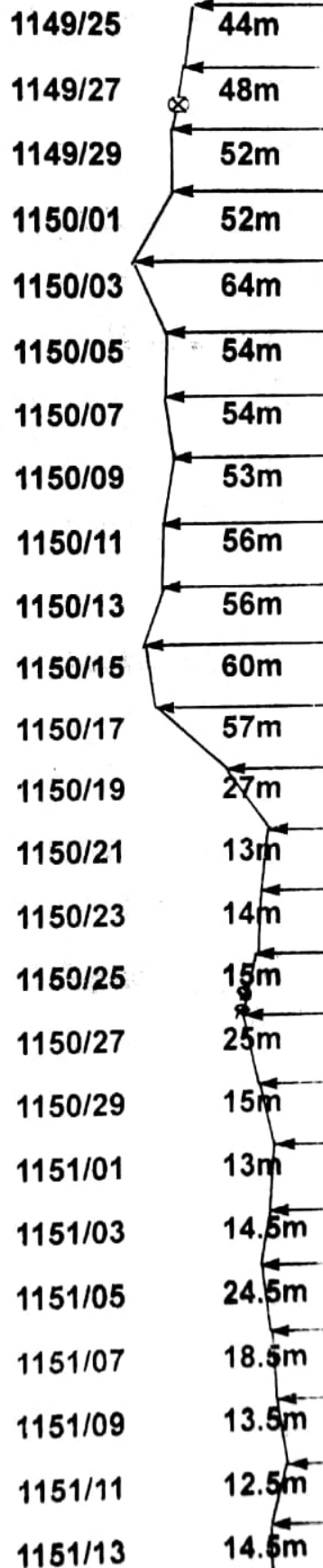
RCC 4m

1149/27-8

⊗

→ To Mumbai/Up track

→ To Delhi/Downtrack



Optical fibre cable	
Local Cable (4Q & J/F)	
RCC Pipe	
G.I. Pipe	
OFC Joint	⊗
Local Cable Joint	⊕

Prepared By	W. S.	Cable Laid Plan	
Checked By	A. S.	Section	KRO-DAA
Ry. REP.		Drg. No.	OFC/S&T/ JHS-A&C
Ascan Rep.	D. S.	Sheet No.	16

Road Xing
RCC 24m

FP
DAA

RCC 156mm

RCC 04m

RCC 60m

RCC 6m

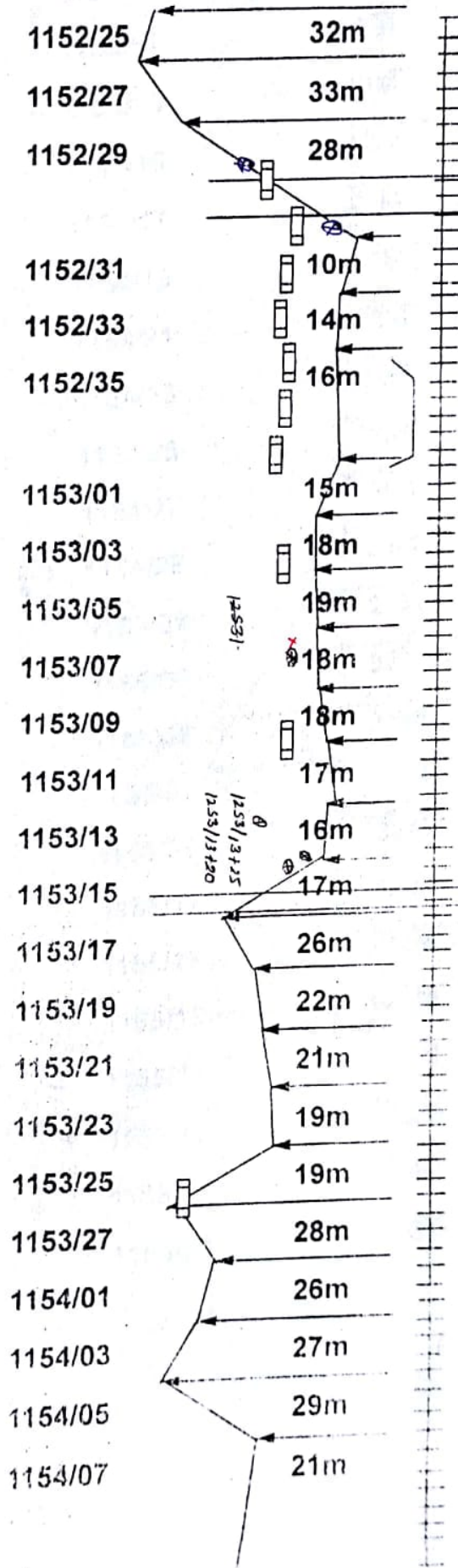
DAA
B/C

GATE
382

RCC 60m

To Delhi/Downtrack

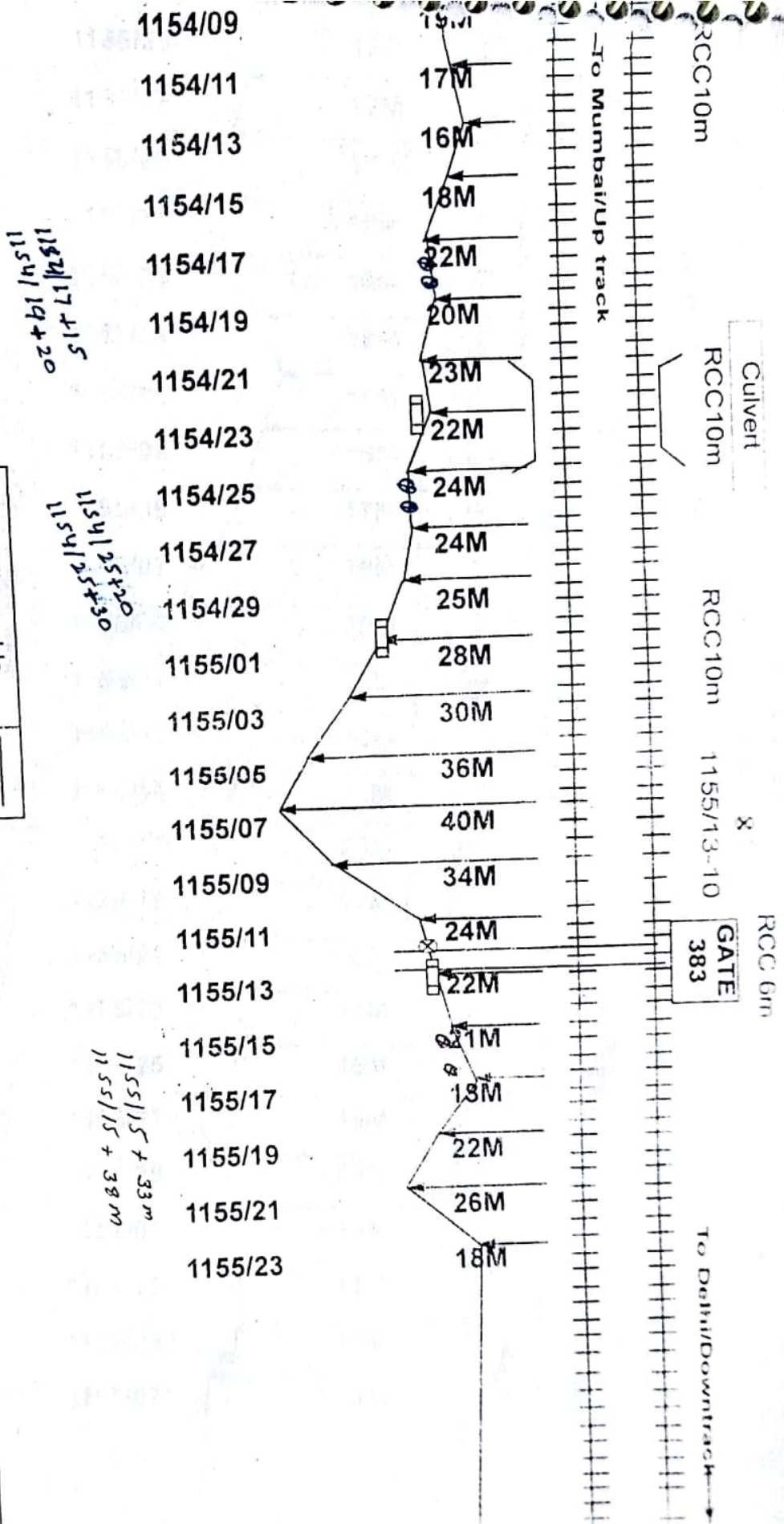
To Mumbai/Up track



① 1152/29 + 10m
② 1152/31 - 5m

Optical fibre cable	
Local Cable (4Q & J/F)	
RCC Pipe	
G.I. Pipe	
OFC Joint	
Local Cable Joint	

Prepared By	Wah	Cable Laid Plan	
Checked By	hgf	Section	DAA-SOR
Rly REP		Drg.No.	OFC/S&T/ JHS-ACC
Ascan Rep	Malik	Sheet No.	18



Optical fibre cable	
Local Cable (4Q & J/F)	
RCC Pipe	
G.I. Pipe	
OFC Joint	
Local Cable Joint	

Prepared By	W.A.	Cable Laid Plan	
Checked By	K.C.	Section	DAA-SOR
Rly. REP.		Drg.No.	OFC/S&T/ JHS-AGC
Ascan Rep.	Shale	Sheet No.	19

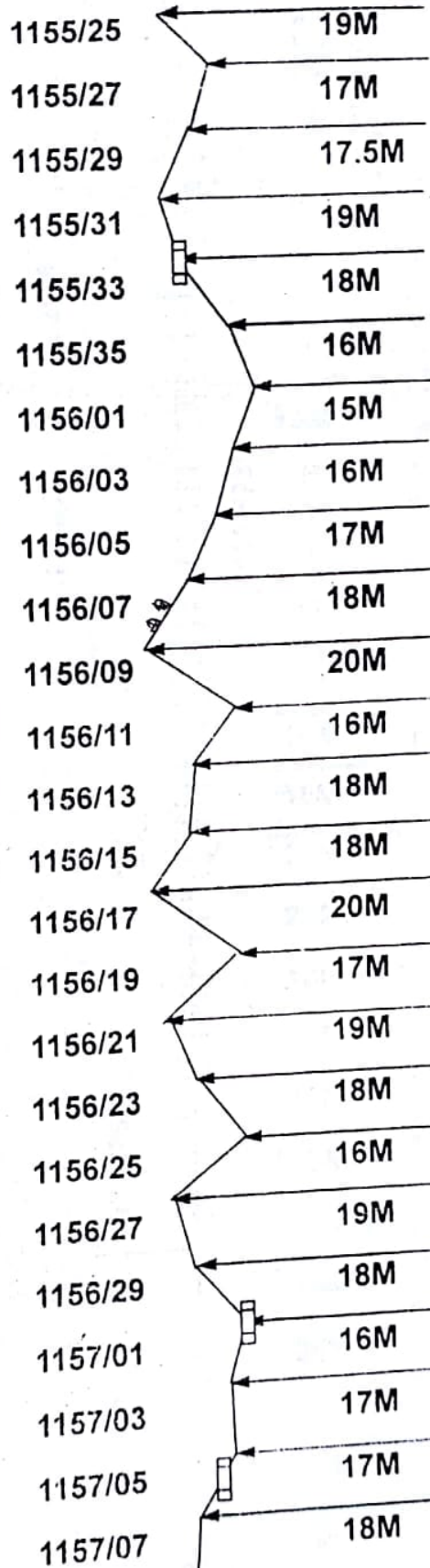
1156/9 + 20m
1156/9 + 26m

Culvert
RCC4m

→ To Mumbai/Up track

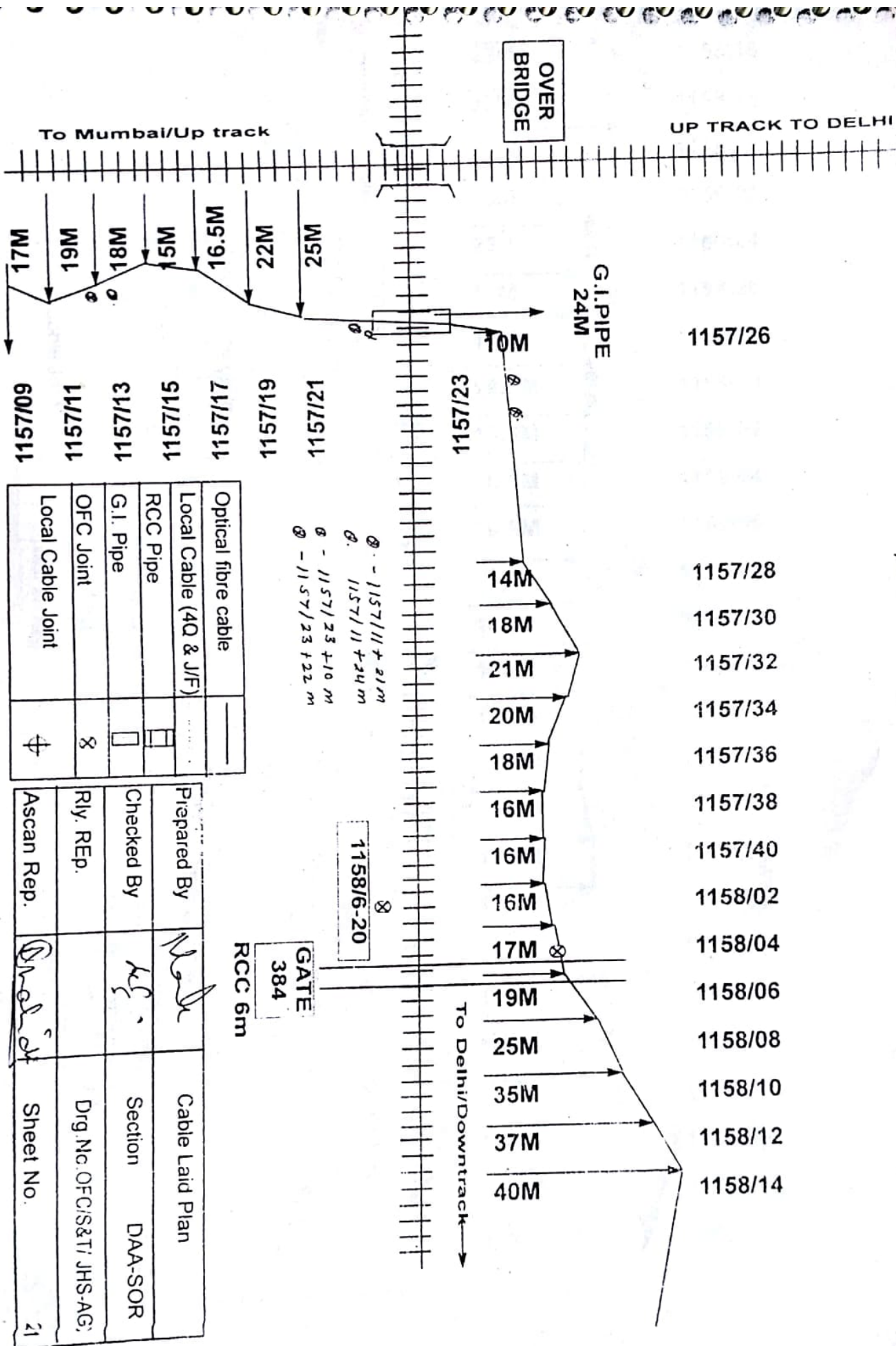
Culvert
RCC4m

→ To Belgaum/Down track



Optical fibre cable	
Local Cable (4Q & J/F)	
RCC Pipe	
G.I. Pipe	
OFC Joint	
Local Cable Joint	

Prepared By	Wadhwa	Cable Laid Plan	
Checked By	Ref.	Section	DAA-SOR
Rly Rep.		Drg.No.	OFC/S&T/ JHS-AG;
Ascan Rep.	Amalini	Sheet No.	20



1157/23 + 10 m

Optical fibre cable	
Local Cable (4Q & J/F)	
RCC Pipe	
G.I. Pipe	
OFC Joint	8
Local Cable Joint	4

Prepared By	W. S. S.	Cable Laid Plan
Checked By	K. C. S.	Section DAA-SOR
Rly. Rep.		Dr. No. OFC/S&T/ JHS-AG,
Ascan Rep.	Sh. S. S.	Sheet No. 21

GATE 384
RCC 6m

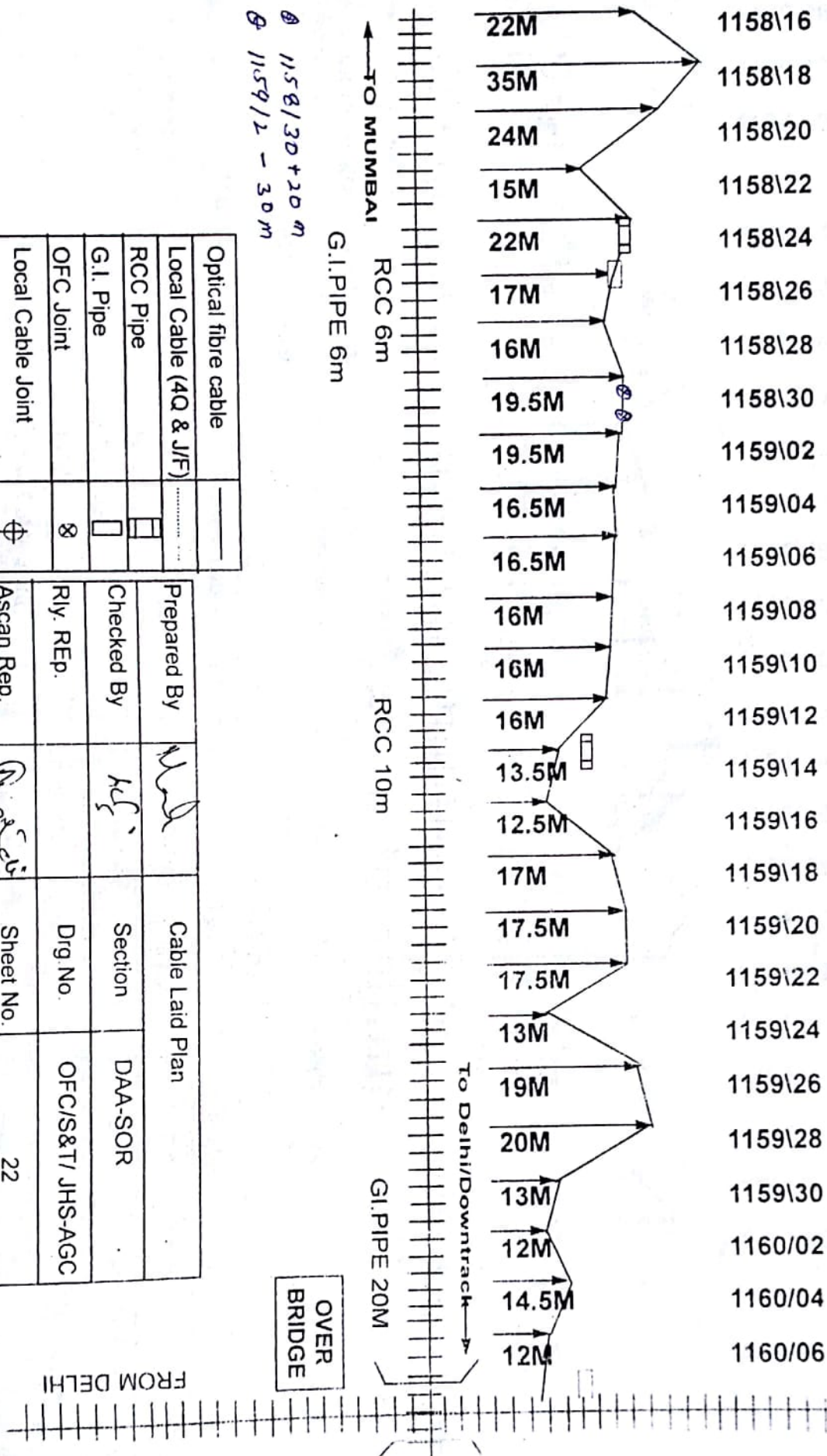
1158/6-20

Ø - 1157/11 + 21 m
Ø. 1157/11 + 24 m
Ø - 1157/23 + 10 m
Ø - 1157/23 + 22 m

① 1158/30 + 20 m
 ② 1159/2 - 30 m

Optical fibre cable	—
Local Cable (4Q & J/F)
RCC Pipe	□
G.I. Pipe	□
OFC Joint	⊗
Local Cable Joint	⊕

Prepared By	Wd	Cable Laid Plan	
Checked By	Kf	Section	DAA-SOR
Rly. Rep.		Drg. No.	OFC/S&T/ JHS-AGC
Ascan Rep.	Ascan	Sheet No.	22



1160/08

1160/10

1160/12

1160/14

1160/16

1160/18

1160/20

1160/22

1160/24

1160/26

1160/28

1160/30

1161/02

1161/04

1161/06

1161/08

1161/10

1161/12

1161/14

1161/16

1161/18

1161/20

1161/22

1161/24

1161/26

11M

21M

19M

19M

21M

25M

34M

29M

30M

31M

29M

31M

33M

37M

33M

26M

26M

25M

24M

19M

22M

29M

32M

30M

31M

TO MUMBAI

GI PIPE 2M

GI PIPE 2M

GI PIPE 2M

1161/2-30

RCC 14M

GATE
385

To Delhi/Downtrack

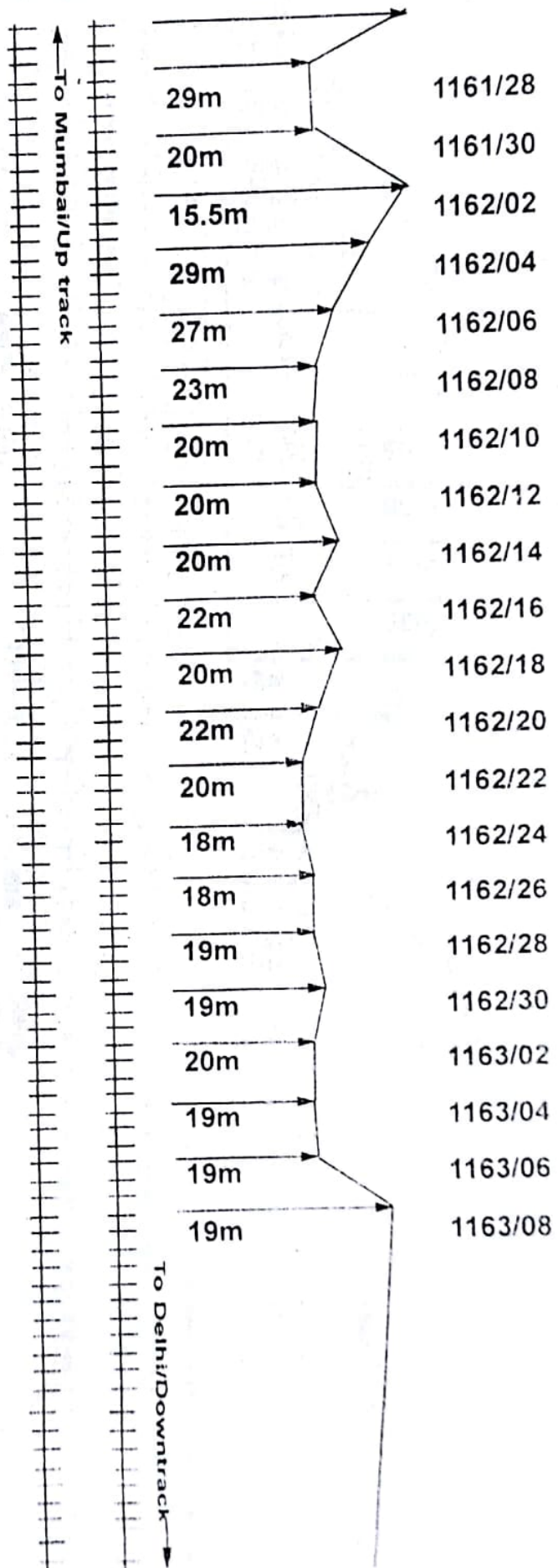
1160/14+4

1160/14+29

1260/12 + 75m
 1260/12 + 20m

Optical fibre cable	—
Local Cable (4Q & J/F)	—
RCC Pipe	□
G.I. Pipe	□
OFC Joint	8
Local Cable Joint	+

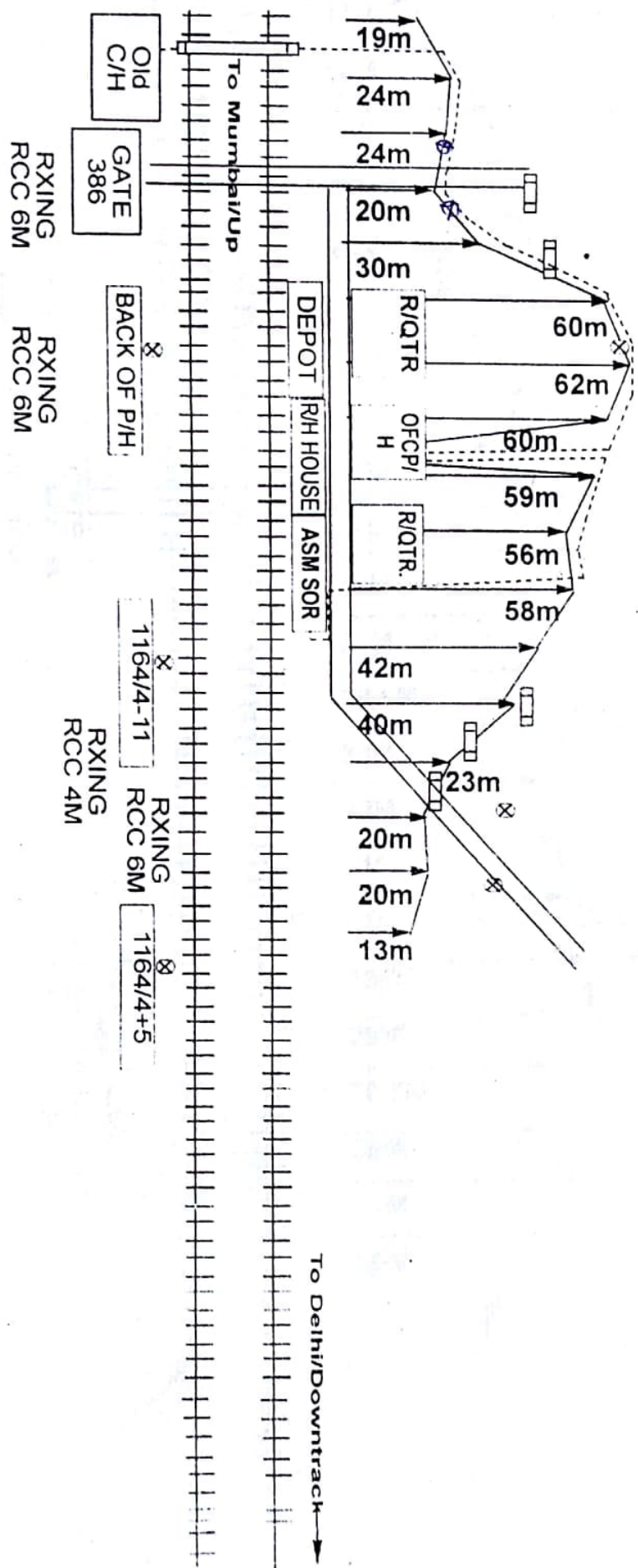
Prepared By	NAK	Cable Laid Plan	
Checked By	KG	Section	DAA-SOR
Rly. REP.		Drg. No.	OFC/S&T/ JHS-AG
Ascan Rep.	Shakti	Sheet No.	23



Optical fibre cable	—
Local Cable (4Q & J/F)
RCC Pipe	□
G.I. Pipe	□
OFC Joint	⊗
Local Cable Joint	⊕

Prepared By	W. M.	Cable Laid Plan	
Checked By	K.S.	Section	DAA-SOR
Rly. REP.		Drg. No.	OFC/S&T/ JHS-GC
Ascan Rep.	Phaladi	Sheet No.	24

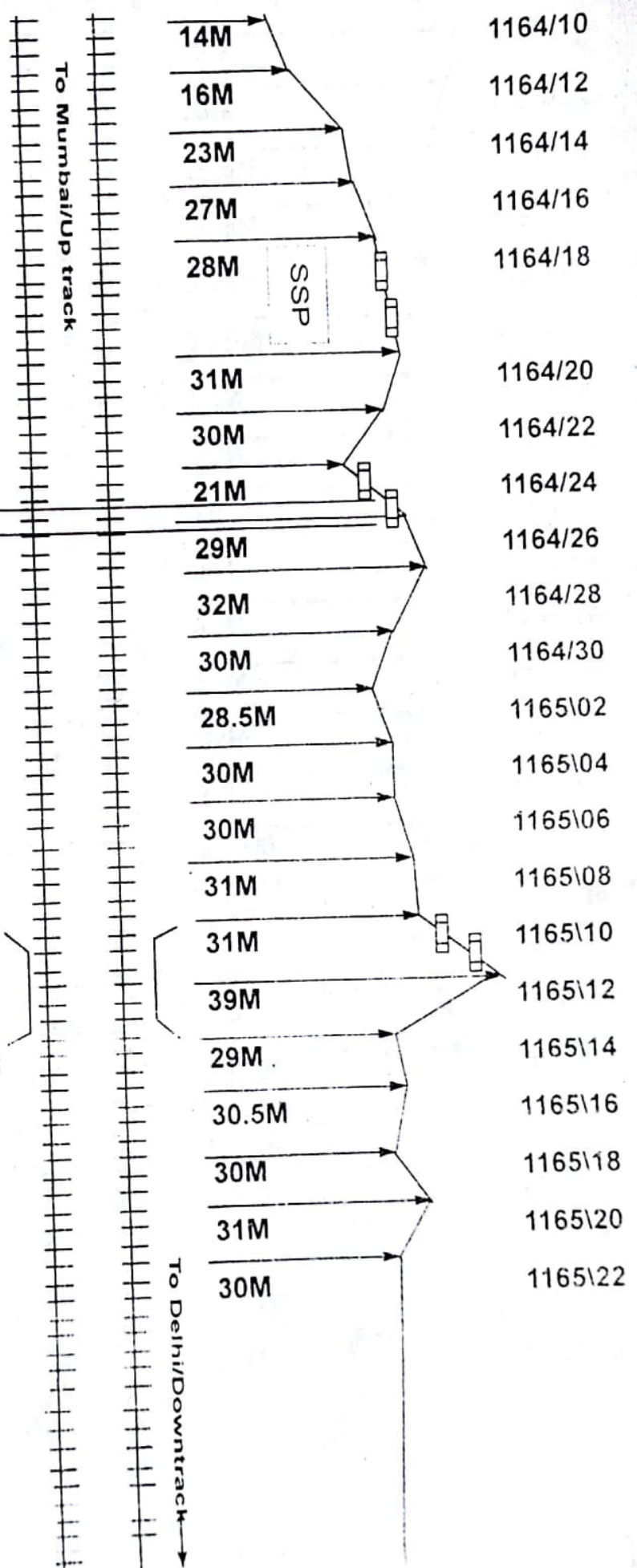
1163/10
1163/12
1163/14
1163/16
1163/18
1163/20
1163/22
1163/24
1163/26
1163/28
1163/30
1163/32
1163/34
1164/02
1164/04
1164/06
1164/08



T.Xing
RCC 16m
② - 1163/14 - 50m
③ - 1163/16 + 20m

Optical fibre cable	—
Local Cable (4Q & J/F)
RCC Pipe	□
G.I. Pipe	□
OFC Joint	⊗
Local Cable Joint	⊕

Prepared By	Wd	Cable Laid Plan	
Checked By	dc	Section	DAA-SOR
Rly. Rep.		Drg.No.	OFC/S&T/ JHS-IG
Ascan Rep.	Shel	Sheet No.	25



- 1164/10
- 1164/12
- 1164/14
- 1164/16
- 1164/18
- 1164/20
- 1164/22
- 1164/24
- 1164/26
- 1164/28
- 1164/30
- 1165\02
- 1165\04
- 1165\06
- 1165\08
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- 1165\12
- 1165\14
- 1165\16
- 1165\18
- 1165\20
- 1165\22

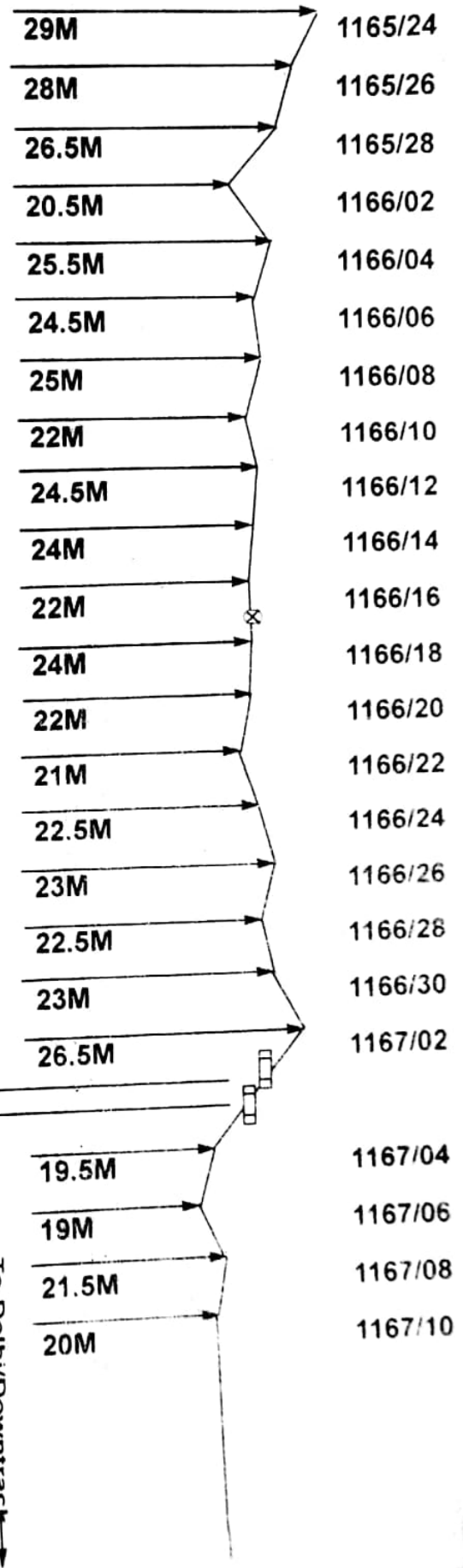
RCC
48M

GATE
387
RCC16M

Culvert
RCC6m

Optical fibre cable	
Local Cable (4Q & J/F)	
RCC Pipe	
G.I. Pipe	
OFC Joint	8
Local Cable Joint	

Prepared By	Wak	Cable Laid Plan	
Checked By	hif	Section	SOR-KTR
Rly. REP.		Drg.No.	OFC/S&T/ JHS-A3C
Ascan Rep.	Shal	Sheet No.	26



To Mumbai/Up track

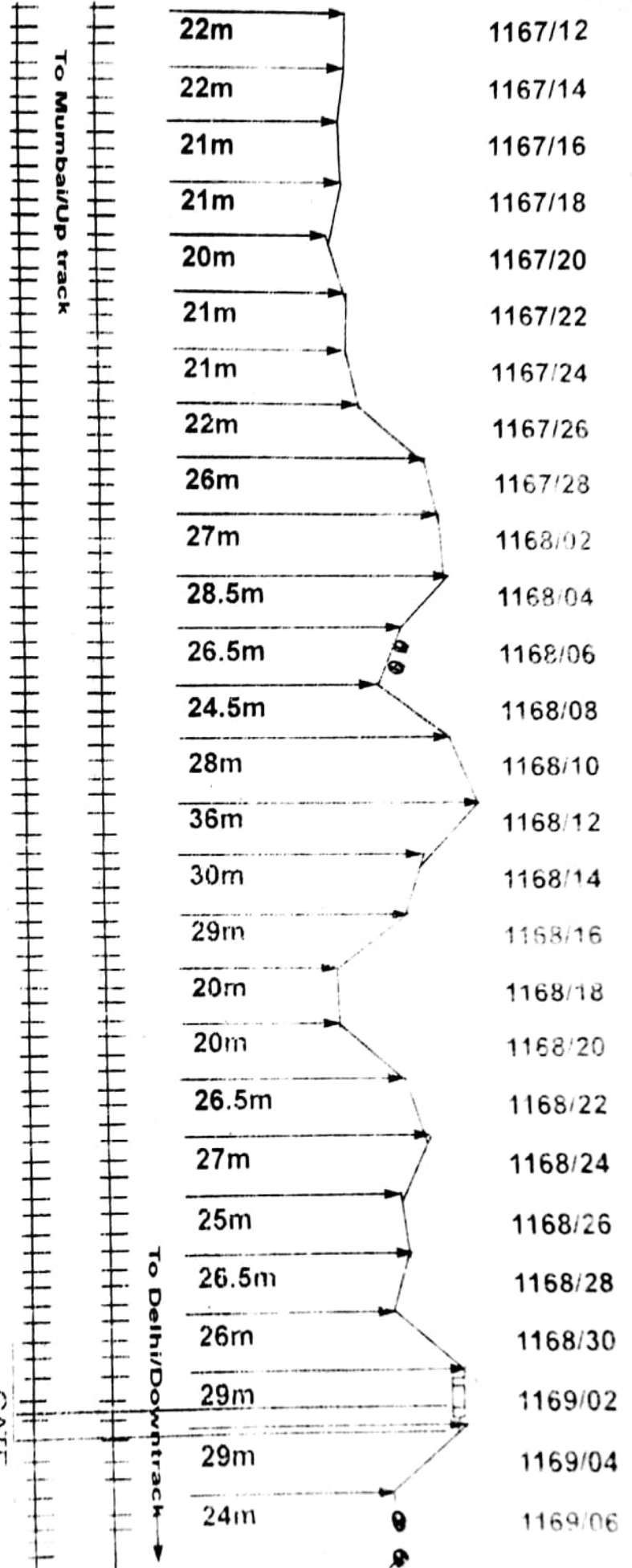
To Delhi/Downtrack

1166/18-5

GATE 388
RCC 6M

Optical fibre cable	—
Local Cable (4Q & J/F)
RCC Pipe	□
G.I. Pipe	□
OFC Joint	⊗
Local Cable Joint	⊕

Prepared By	W. S.	Cable Laid Plan	
Checked By	K. S.	Section	SOR-KTR
Rly. REP.		Drg. No.	OFC/S&T/ JHS-4G
Ascan Rep.	Chaitin	Sheet No.	27



New OFC laying by M/s RVNL

1169/6 + 15
1169/6 + 18

Optical fibre cable	
Local Cable (4Q & J/F)	
RCC Pipe	
G.I. Pipe	
OFC Joint	X
Local Cable Joint	+

Prepared By	Wale	Cable Laid Plan	
Checked By	hcf	Section	SOR-KTR
Rly REP		Drg No.	OFC/S&T/ JHS-AGC
Ascan Rep.	Shalaji	Sheet No.	28

Date:- 24-Jan-2021
 TP No:- 1168/05: +18 Mtr
 Loop:- Exiting loop
 Offset:- 28 Mtr
 OTDR:- From SOR (4.815 KM)
 Depth of OFC:- 1.2 Mtr
 Chamber Installation:- Failure in exiting chamber so used existing loop.

26m	1169/08
29m	1169/10
28m	1169/12
28m	1169/14
29m	1169/16
28m	1169/18
30m	1169/20
29m	1169/22
29m	1169/24
29m	1169/26
28m	1169/28
28.5m	1170/02
30m	1170/04
31.5m	1170/06
30.5m	1170/08
30m	1170/10
30m	1170/12
32m	1170/14
30m	1170/16
27m	1170/18
29.5m	1170/20
32.6m	1170/22
32m	1170/24
33m	1170/26

To Mumbai/Up track

To Delhi/Downtrack

1169/14-38

1169/18-15

1169/18+3

Culvert

RCC8m

Optical fibre cable	—
Local Cable (4Q & J/F)	—
RCC Pipe	□
G.I. Pipe	□
OFC Joint	⊗
Local Cable Joint	⊕

Prepared By	Yash	Cable Laid Plan	
Checked By	MS	Section	SOR-KTR
Rly. REP.		Drg. No.	OFC/S&T/ JHS-AGC
Ascan Rep.	Pradi	Sheet No.	29

1172/14+4m
1172/4-30m

21m	1170/28
20.6m	1171/02
19m	1171/04
18.5m	1171/06
17.8m	1171/08
18m	1171/10
18m	1171/12
19m	1171/14
21m	1171/16
19m	1171/18
19m	1171/20
18m	1171/22
16m	1171/24
18m	1171/26
18m	1171/28
19m	1172/02
20m	1172/04
19m	1172/06
16m	1172/08
18m	1172/10
19m	1172/12
23m	1172/14
20m	1172/16

A/C To Delhi/Downtack

To Mumbai/Up track

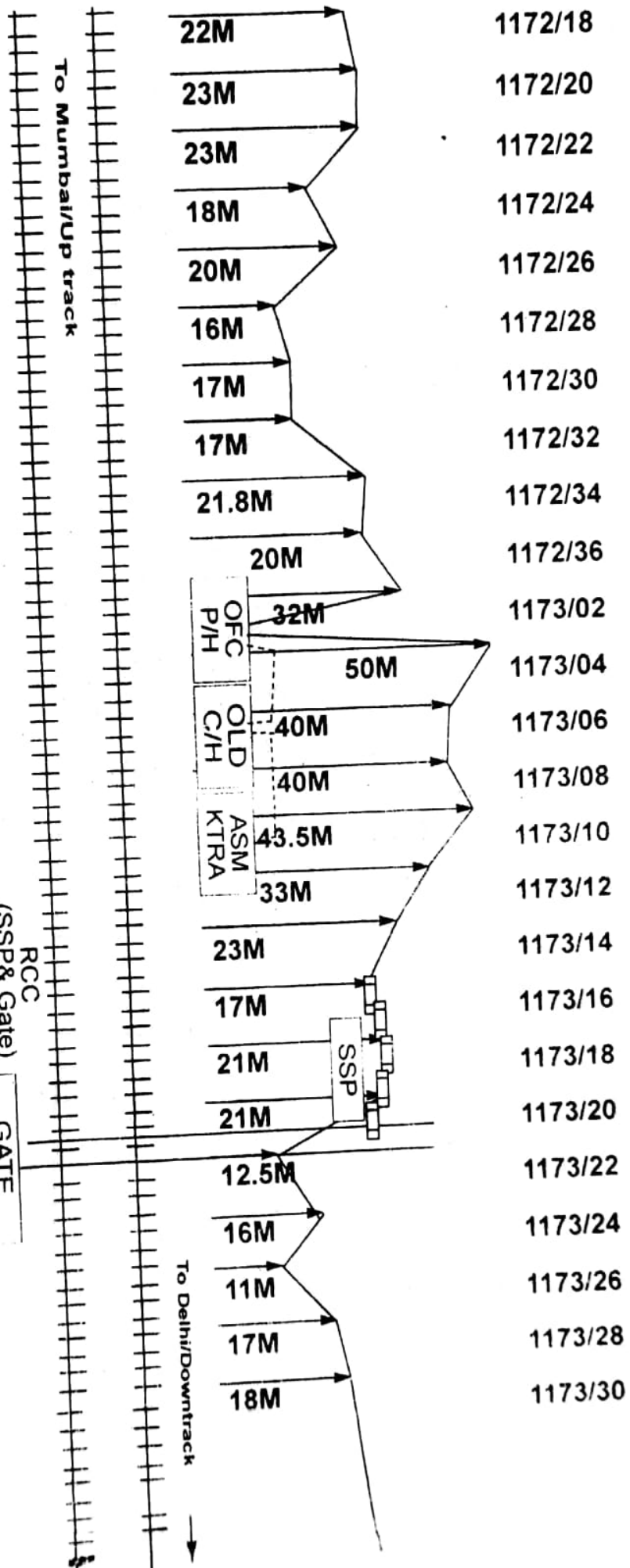
Protection
RCC 6M

1172/4 12

DATE 390
RCC 4M

Optical fibre cable	
Local Cable (4G & J/F)	
RCC Pipe	
G.I. Pipe	
OFG Joint	
Local Cable Joint	

Prepared By		Cable L and Plan	
Checked By		Section	BOR MTR
Rev Rep		Dwg No	OR/ENR/ JHS A/C
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Optical fibre cable	
Local Cable (4Q & J/F)	
RCC Pipe	
G.I. Pipe	
OFC Joint	8
Local Cable Joint	4

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Checked By	Ms	Section	SOR-KTR
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Ascan Rep.	Ascan	Sheet No.	31

20 → 1173/32
22 → 1174/02
20 → 1174/04
10 → 1174/06

G.I. PIPE 6M

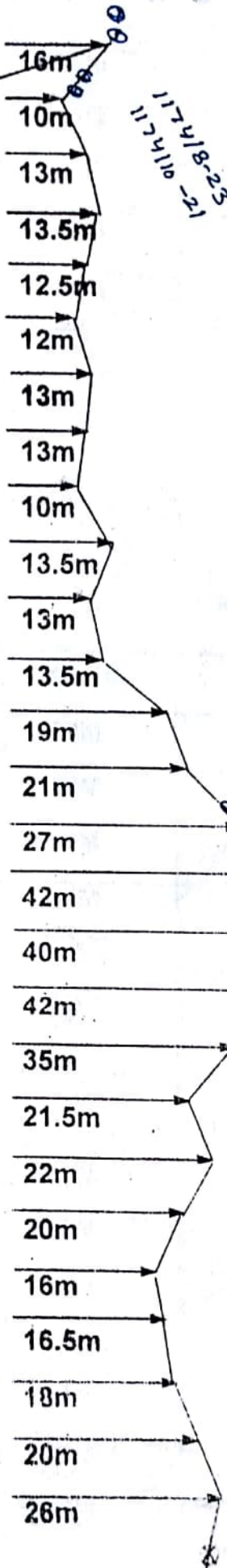
To Mumbai/Up track

Optical fibre cable	
Local Cable (4Q & J/F)	
RCC Pipe	
G.I. Pipe	
OFC Joint	8
Local Cable Joint	Φ

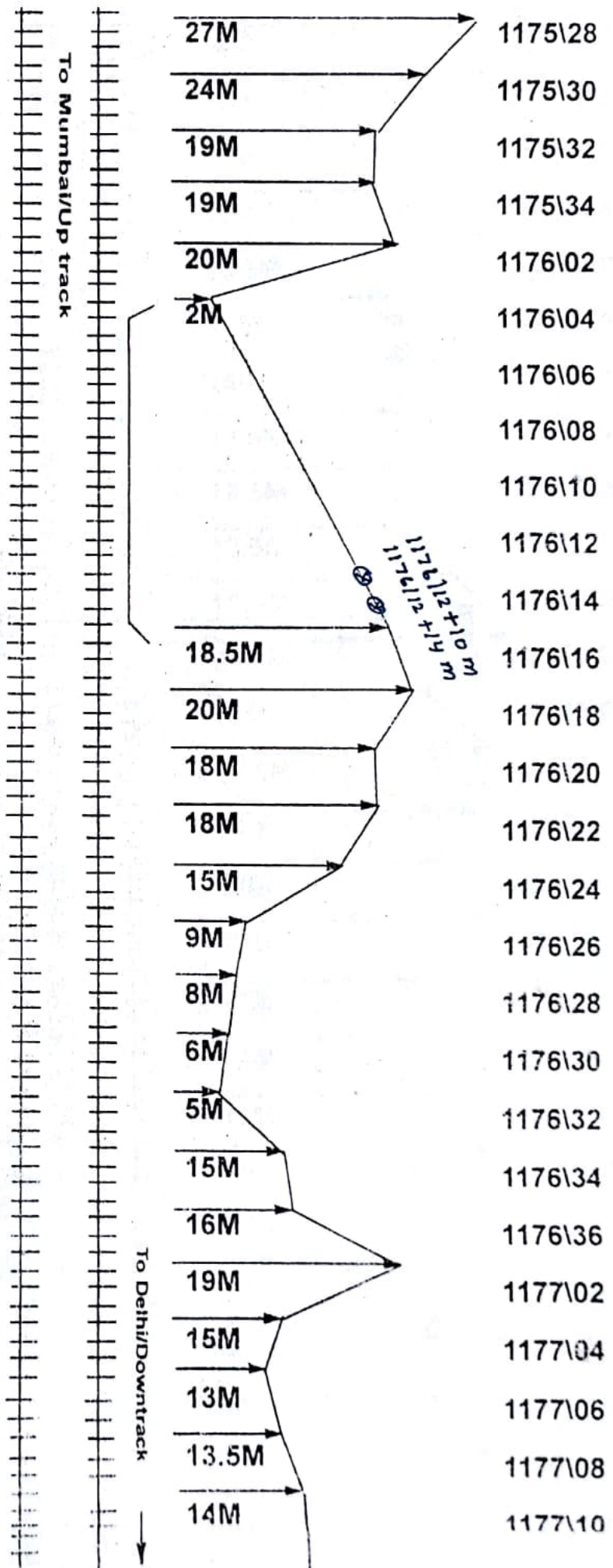
Prepared By	Wdh	Cable Laid Plan	
Checked By	hcf	Section	KTR-DBA
Rly. REP		Drg.No.	OFC/S&T/ JHS-A3C
Ascan Rep	Arad. 25	Sheet No.	32

1175/26+20

To Delhi/Downtrack



1174/08
1174/10
1174/12
1174/14
1174/16
1174/18
1174/20
1174/22
1174/24
1174/26
1174/28
1174/30
1174/32
1174/34
1175/02
1175/04
1175/06
1175/08
1175/10
1175/12
1175/14
1175/16
1175/18
1175/20
1175/22
1175/24
1175/26



G.I. PIPE 360 M

Optical fibre cable.	
Local Cable (4Q & J/F)
RCC Pipe	
G.I. Pipe	
OFC Joint	8
Local Cable Joint	Φ

Prepared By	<i>Wd</i>	Cable Laid Plan
Checked By	<i>MS</i>	Section
Rly. REP.		Drg. No.
Ascan Rep.	<i>Shalodi</i>	Sheet No.
		33

0-1177/22 + 15 m
0-1177/22 + 19 m

Optical fibre cable	
Local Cable (4Q & J/F)	
RCC Pipe	
G.I. Pipe	
OFC Joint	8
Local Cable Joint	Φ

Prepared By		Cable Laid Plan	
Checked By		Section	KTR-DBR
Rly. REP.		Drg. No.	OFC/S&T/ JHS-4GC
Ascan Rep.		Sheet No.	34

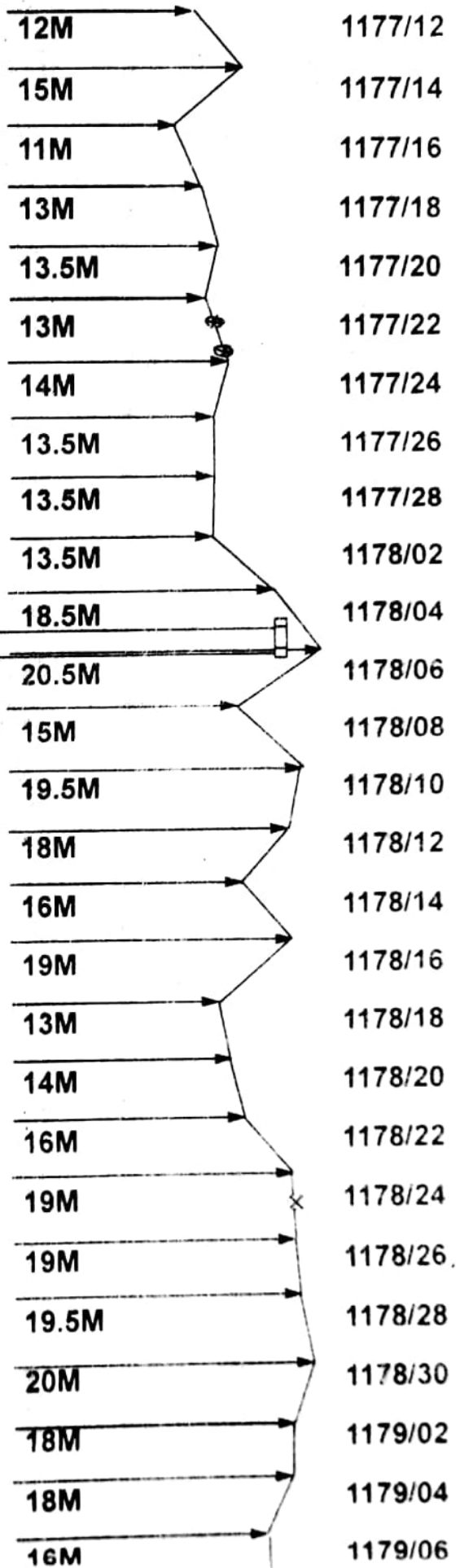
RCC 5M

GATE
392

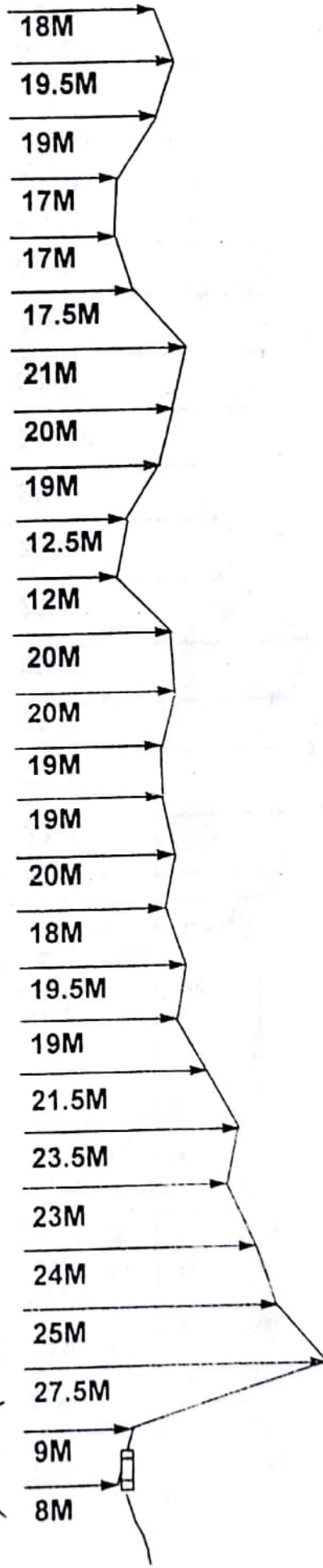
1178/24+12

To Mumbai/Up track

To Delhi/Downtrack



1179/08
1179/10
1179/12
1179/14
1179/16
1179/18
1179/20
1179/22
1179/24
1179/26
1179/28
1180/02
1180/04
1180/06
1180/08
1180/10
1180/12
1180/14
1180/16
1180/18
1180/20
1180/22
1180/24
1180/26
1180/28
1181/02
1181/04



To Mumbai/Up track

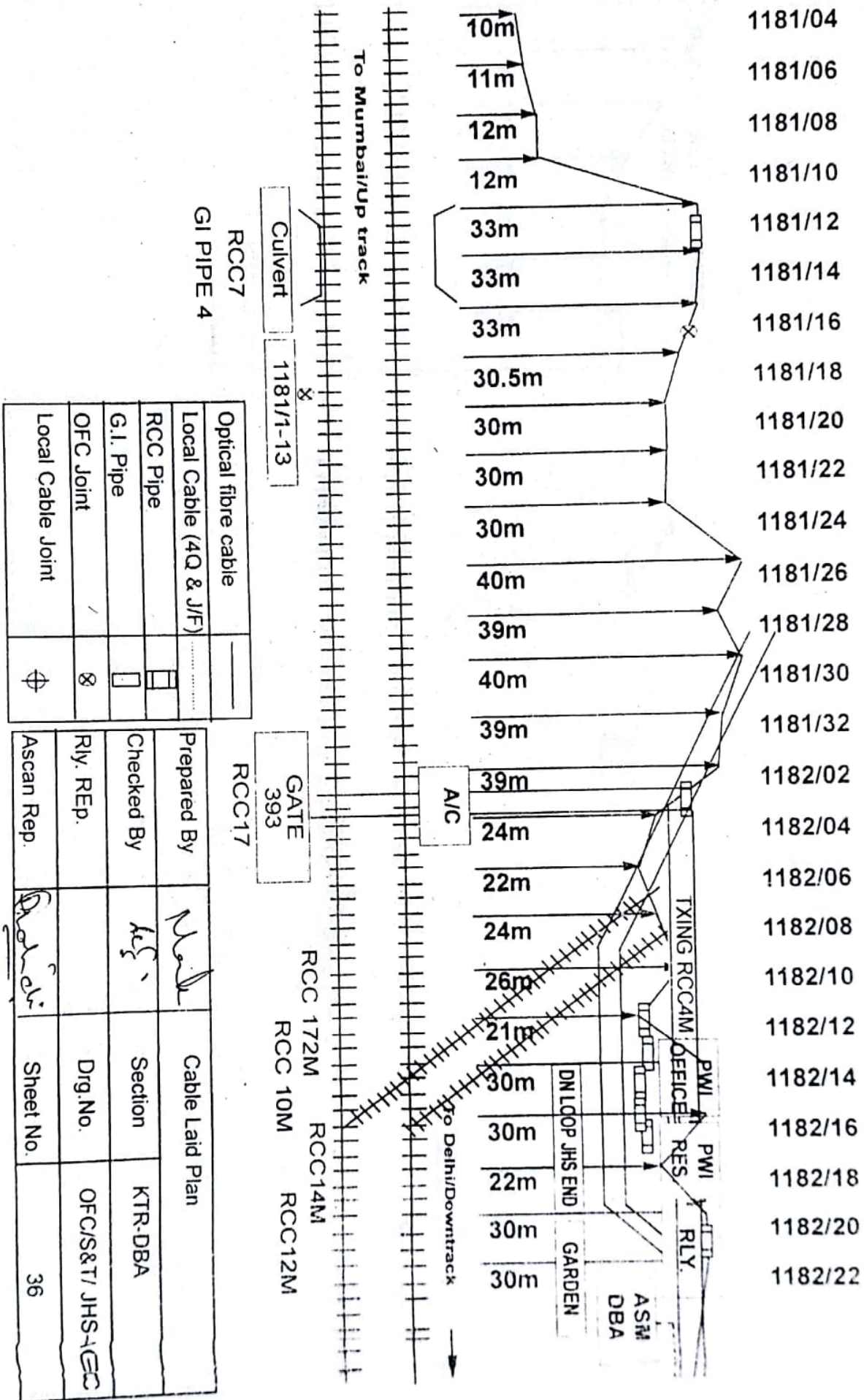
To Delhi/Down track

Culvert

RCC 8

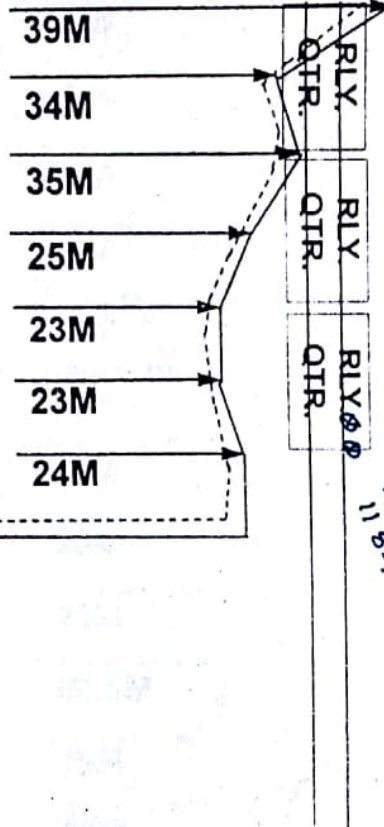
Optical fibre cable	
Local Cable (4Q & J/F)	
RCC Pipe	
G.I. Pipe	
OFC Joint	
Local Cable Joint	

Prepared By		Cable Laid Plan	
Checked By		Section	KTR-DBA
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Ascan Rep.		Sheet No.	35



1182/26
1182/28
1182/30
1182/32
1182/34
1182/36
1183/02

1182/36 + 20m
1183/36 + 25m



To Mumbai/Up track

RPTR
DBA

OFC
P/H

To Delhi/Downtrack

Optical fibre cable	
Local Cable (4Q & J/F)	
RCC Pipe	
G.I. Pipe	
OFC Joint	8
Local Cable Joint	+

Prepared By		Cable Laid Plan	
Checked By		Section	KTR-DBA
Rly. REP.		Drg.No.	OFC/S&T/ JHS-IG C
Ascan Rep.		Sheet No.	37