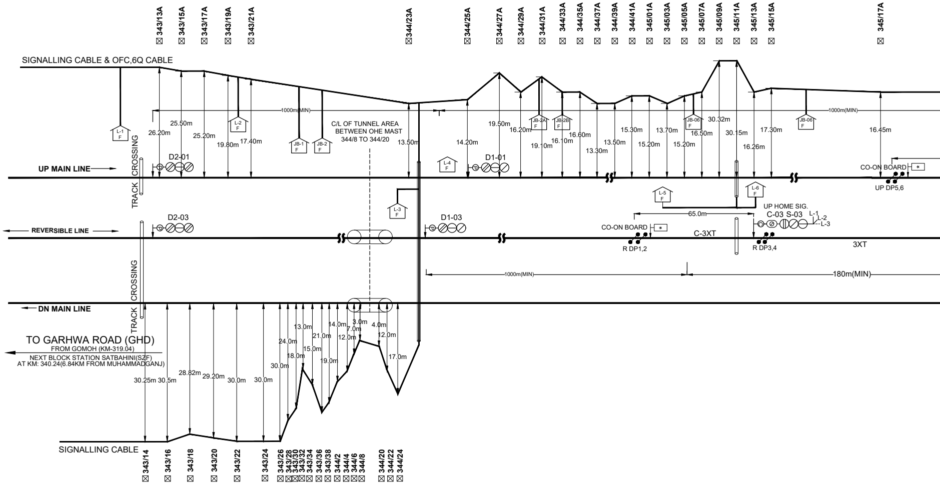
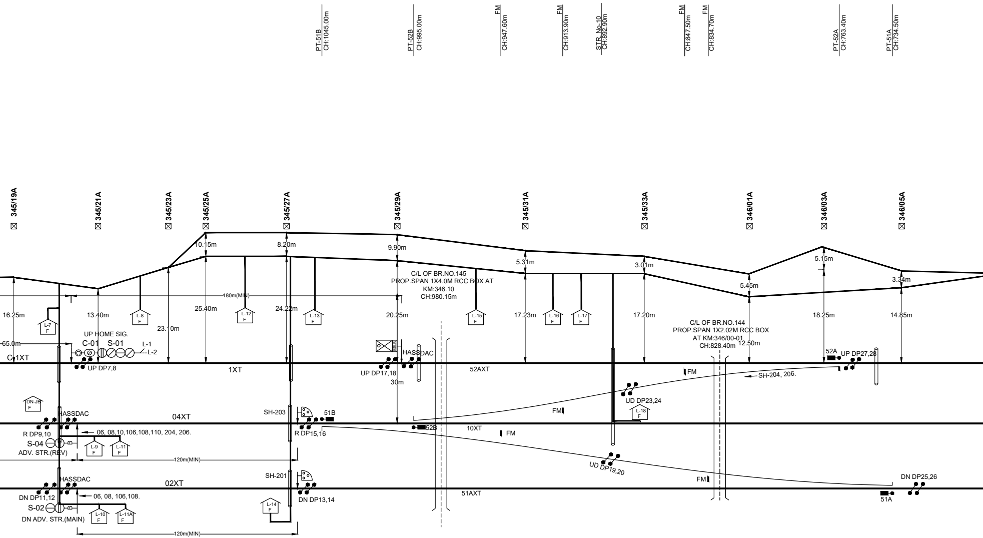
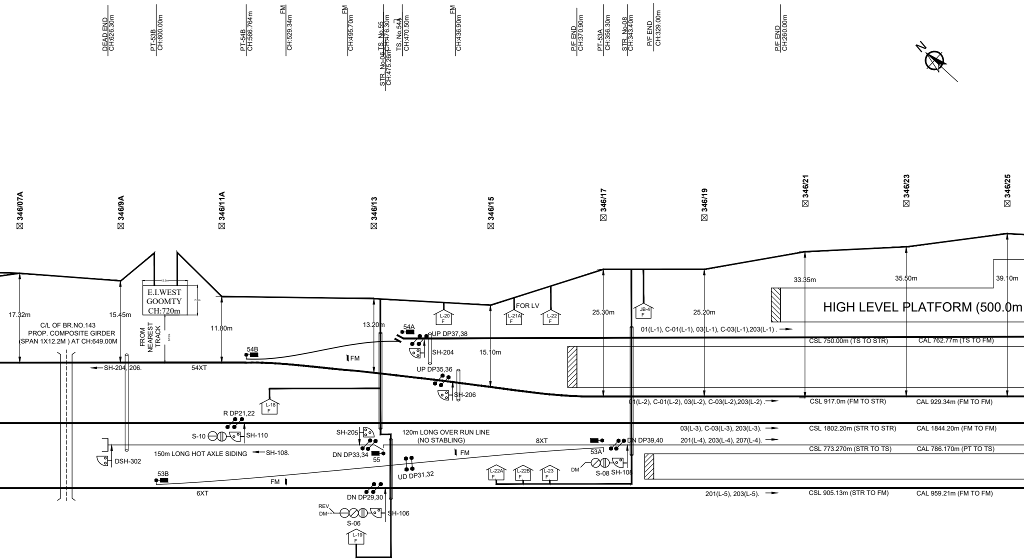
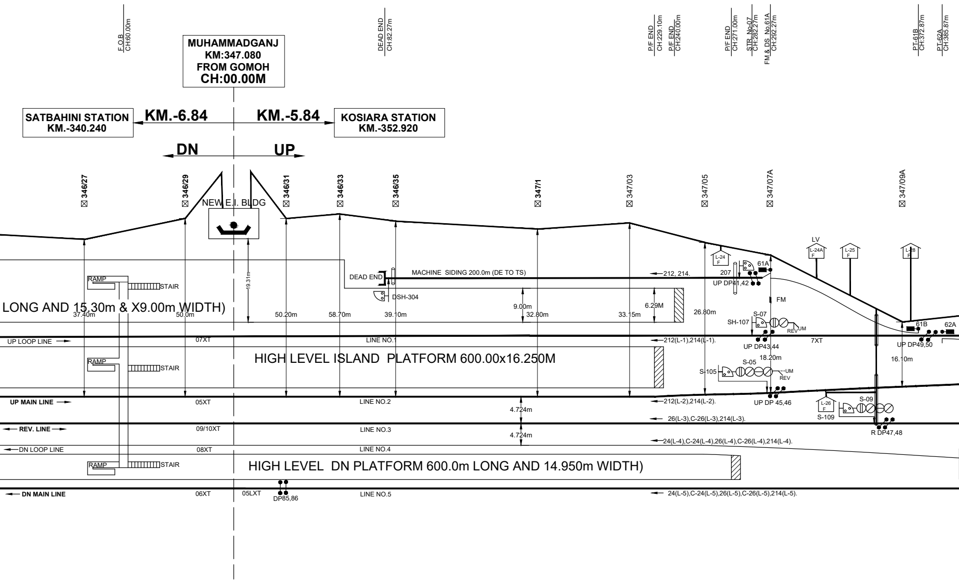
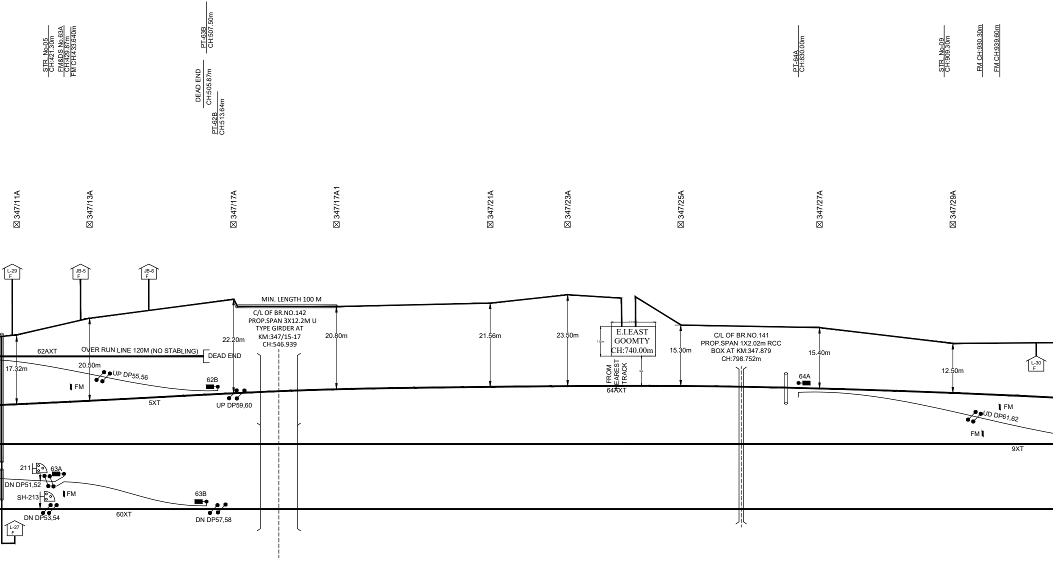
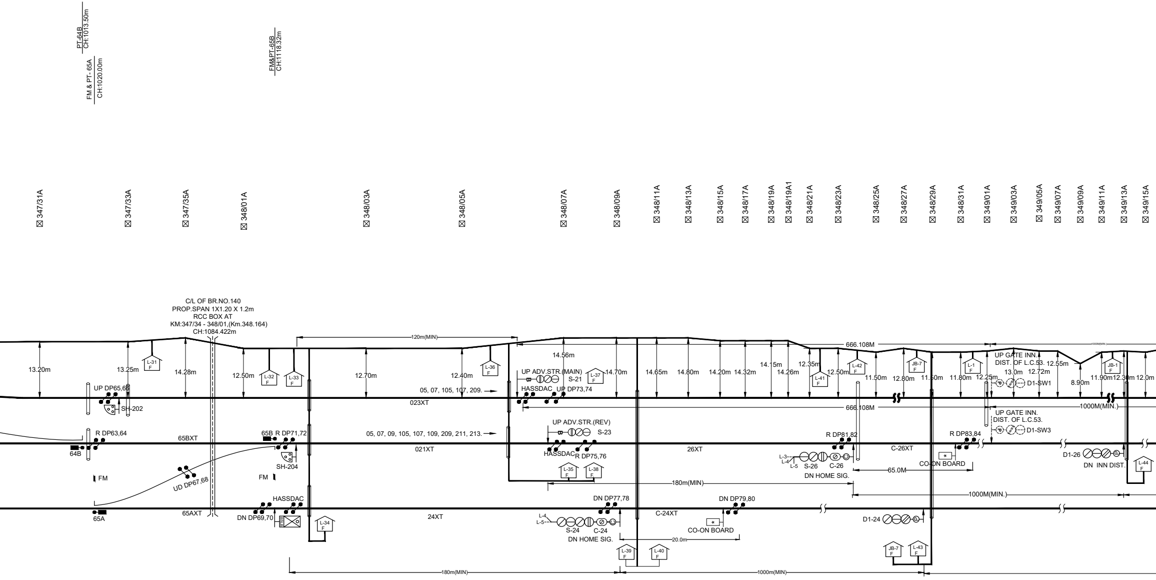

☒ 343/13A
☒ 343/15A
☒ 343/17A
☒ 343/19A
☒ 343/21A
☒ 344/23A
☒ 344/25A
☒ 344/27A
☒ 344/29A
☒ 344/31A
☒ 344/33A
☒ 344/35A
☒ 344/37A
☒ 344/39A
☒ 344/41A
☒ 345/01A
☒ 345/03A
☒ 345/05A
☒ 345/07A
☒ 345/09A
☒ 345/11A
☒ 345/13A
☒ 345/15A
☒ 345/17A
SIGNALLING CABLE & OFC,6Q CABLE
1000m(MIN)
1000m(MIN)
L-1 F
26.20m
25.50m
25.20m
L-2 F
19.80m
17.40m
JB-1 F
JB-2 F
C/L OF TUNNEL AREA
BETWEEN OHE MAST
344/8 TO 344/20
13.50m
14.20m
19.50m
16.20m
JB-2A F
JB-2B F
19.10m
16.10m
16.60m
13.30m
13.50m
15.30m
15.20m
13.70m
15.20m
JB-06 F
16.50m
30.32m
30.15m
16.26m
17.30m
JB-06 F
16.45m
D2-01
L-4 F
D1-01
UP MAIN LINE
TRACK CROSSING
CO-ON BOARD *
UP DP5,6
L-5 F
L-6 F
L-3 F
UP HOME SIG.
65.0m
C-03 S-03
L-1
L-2
L-3
D2-03
D1-03
CO-ON BOARD *
REVERSIBLE LINE
C-3XT
R DP1,2
R DP3,4
3XT
TRACK CROSSING
1000m(MIN)
180m(MIN)
DN MAIN LINE
TO GARHWA ROAD (GHD)
FROM GOMOH (KM-319.04)
NEXT BLOCK STATION SATBAHINI(SZF)
AT KM: 340.24(6.84KM FROM MUHAMMADGANJ)
30.25m
30.5m
28.82m
29.20m
30.0m
30.0m
30.0m
24.0m
18.0m
13.0m
15.0m
21.0m
19.0m
14.0m
12.0m
3.0m
7.0m
4.0m
12.0m
17.0m
SIGNALLING CABLE
343/14 ☒
343/16 ☒
343/18 ☒
343/20 ☒
343/22 ☒
343/24 ☒
343/26 ☒
343/28 ☒
343/30 ☒
343/32 ☒
343/34 ☒
343/36 ☒
343/38 ☒
344/2 ☒
344/4 ☒
344/6 ☒
344/8 ☒
344/20 ☒
344/22 ☒
344/24 ☒

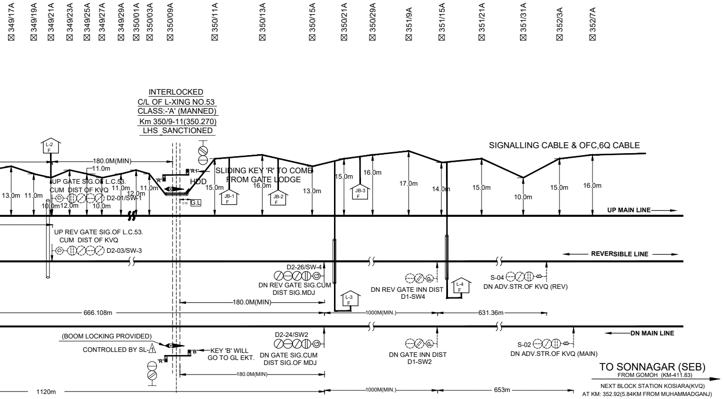

PT-51B CH:1045.00m
PT-52B CH:995.00m
FM CH:947.60m
FM CH:913.90m
STR. No-10 CH:892.90m
FM CH:847.50m
FM CH:834.70m
PT-52A CH:763.40m
PT-51A CH:734.50m
345/19A
345/21A
345/23A
345/25A
345/27A
345/29A
345/31A
345/33A
346/01A
346/03A
346/05A
10.15m
8.20m
9.90m
5.31m
3.01m
5.15m
5.45m
3.34m
180m(MIN)
C/L OF BR.NO.145
PROP.SPAN 1X4.0M RCC BOX AT
KM:346.10
CH:980.15m
16.25m
13.40m
23.10m
25.40m
24.22m
20.25m
17.23m
17.20m
18.25m
14.85m
L-7 F
L-8 F
L-12 F
L-13 F
L-15 F
L-16 F
L-17 F
UP HOME SIG.
C-01
S-01
L-1
L-2
65.0m
C-1XT
UP DP7,8
1XT
HASSDAC
UP DP17,18
30m
52AXT
C/L OF BR.NO.144
PROP.SPAN 1X2.02M RCC BOX
AT KM:346/00-01
CH:828.40m
12.50m
52A
UP DP27,28
FM
SH-204, 206.
UD DP23,24
DN-JB F
HASSDAC
04XT
SH-203
51B
L-18 F
FM
R DP9,10
06, 08,10,106,108,110, 204, 206.
S-04
ADV. STR.(REV)
L-9 F
L-11 F
R DP15,16
52B
10XT
FM
120m(MIN)
UD DP19,20
HASSDAC
SH-201
02XT
DN DP11,12
06, 08, 106,108.
S-02
DN ADV. STR.(MAIN)
L-10 F
L-11A F
L-14 F
DN DP13,14
51AXT
FM
DN DP25,26
51A
120m(MIN)


DEAD END
CH:626.30m
PT-53B
CH:600.00m
PT-54B
CH:566.764m
FM
CH:529.34m
FM
CH:495.70m
STR. No-06
CH:475.26m
TS. No.55
CH:476.30m
TS. No.54A
CH:470.50m
FM
CH:436.90m
P/F END
CH:370.90m
PT-53A
CH:356.30m
STR. No-08
CH:343.40m
P/F END
CH:329.00m
P/F END
CH:260.00m
N
☒ 346/07A
☒ 346/9A
☒ 346/11A
☒ 346/13
☒ 346/15
☒ 346/17
☒ 346/19
☒ 346/21
☒ 346/23
☒ 346/25
17.32m
15.45m
11.80m
13.20m
15.10m
25.30m
25.20m
33.35m
35.50m
39.10m
E.I.WEST
GOOMTY
CH:720m
FROM
NEAREST
TRACK
C/L OF BR.NO.143
PROP. COMPOSITE GIRDER
(SPAN 1X12.2M) AT CH:649.00M
SH-204, 206.
54XT
54B
54A
UP DP37,38
SH-204
FM
UP DP35,36
SH-206
L-20
F
L-21A
F
FOR LV
L-22
F
JB-4
F
HIGH LEVEL PLATFORM (500.0m
01(L-1), C-01(L-1), 03(L-1), C-03(L-1),203(L-1) .
CSL 750.00m (TS TO STR)
CAL 762.77m (TS TO FM)
01(L-2), C-01(L-2), 03(L-2), C-03(L-2),203(L-2) .
CSL 917.0m (FM TO STR)
CAL 929.34m (FM TO FM)
L-18
F
R DP21,22
S-10
SH-110
SH-205
120m LONG OVER RUN LINE
(NO STABLING)
8XT
DN DP39,40
03(L-3), C-03(L-3), 203(L-3).
CSL 1802.20m (STR TO STR)
CAL 1844.20m (FM TO FM)
201(L-4), 203(L-4), 207(L-4).
CSL 773.270m (STR TO TS)
CAL 786.170m (PT TO TS)
150m LONG HOT AXLE SIDING
SH-108.
DN DP33,34
55
FM
53A
DSH-302
DM
S-08
SH-108
UD DP31,32
L-22A
F
L-22B
F
L-23
F
53B
FM
6XT
DN DP29,30
201(L-5), 203(L-5).
CSL 905.13m (STR TO FM)
CAL 959.21m (FM TO FM)
REV
DM
SH-106
S-06
L-19
F


F.O.B
CH:60.00m
DEAD END
CH:82.27m
P/F END
CH:229.10m
P/F END
CH:240.00m
P/F END
CH:271.00m
STR. No-07
CH:282.27m
FM & DS No.61A
CH:292.27m
PT-61B
CH:372.87m
PT-62A
CH:385.87m
MUHAMMADGANJ
KM:347.080
FROM GOMOH
CH:00.00M
SATBAHINI STATION
KM.-340.240
KM.-6.84
KM.-5.84
KOSIARA STATION
KM.-352.920
DN
UP
346/27
346/29
346/31
346/33
346/35
347/1
347/03
347/05
347/07A
347/09A
NEW E.I. BLDG
LV
L-24
F
L-24A
F
L-25
F
L-28
F
61A
207
UP DP41,42
RAMP
STAIR
DEAD END
MACHINE SIDING 200.0m (DE TO TS)
212, 214.
DSH-304
19.31m
FM
LONG AND 15.30m & X9.00m WIDTH)
37.40m
50.0m
50.20m
58.70m
39.10m
9.00m
32.80m
33.15m
6.29M
26.80m
S-07
SH-107
REV
UM
61B
62A
UP LOOP LINE
07XT
LINE NO.1
212(L-1),214(L-1).
UP DP43,44
7XT
UP DP49,50
RAMP
STAIR
HIGH LEVEL ISLAND PLATFORM 600.00x16.250M
18.20m
S-05
S-105
UM
REV
16.10m
UP MAIN LINE
05XT
LINE NO.2
212(L-2),214(L-2).
UP DP 45,46
4.724m
L-26
F
S-109
S-09
REV. LINE
09/10XT
LINE NO.3
26(L-3),C-26(L-3),214(L-3).
4.724m
R DP47,48
DN LOOP LINE
08XT
LINE NO.4
24(L-4),C-24(L-4),26(L-4),C-26(L-4),214(L-4).
RAMP
STAIR
HIGH LEVEL DN PLATFORM 600.0m LONG AND 14.950m WIDTH)
DN MAIN LINE
06XT
05LXT
DP85,86
LINE NO.5
24(L-5),C-24(L-5),26(L-5),C-26(L-5),214(L-5).


STR. No-05
CH:421.30m
FM&DS No.63A
CH:429.87m
FM CH:433.640m
DEAD END
CH:505.87m
PT-63B
CH:507.50m
PT-62B
CH:513.64m
PT-64A
CH:830.00m
STR. No-09
CH:909.30m
FM CH:930.30m
FM CH:939.60m
☒ 347/11A
☒ 347/13A
☒ 347/17A
☒ 347/17A1
☒ 347/21A
☒ 347/23A
☒ 347/25A
☒ 347/27A
☒ 347/29A
L-29 F
JB-5 F
JB-6 F
MIN. LENGTH 100 M
C/L OF BR.NO.142
PROP.SPAN 3X12.2M U
TYPE GIRDER AT
KM:347/15-17
CH:546.939
22.20m
20.80m
21.56m
23.50m
13.50m
7.50m
E.I.EAST
GOOMTY
CH:740.00m
9m
FROM
NEAREST
TRACK
15.30m
C/L OF BR.NO.141
PROP.SPAN 1X2.02m RCC
BOX AT KM:347.879
CH:798.752m
15.40m
12.50m
L-30 F
62AXT
OVER RUN LINE 120M (NO STABLING)
DEAD END
17.32m
20.50m
UP DP55,56
FM
62B
UP DP59,60
5XT
64AXT
64A
FM
UD DP61,62
FM
9XT
211
63A
DN DP51,52
FM
SH-213
63B
DN DP53,54
60XT
DN DP57,58
L-27 F


PT-64B
CH:1013.50m
FM & PT- 65A
CH:1020.00m
FM&PT-65B
CH:1118.32m
☒ 347/31A
☒ 347/33A
☒ 347/35A
☒ 348/01A
☒ 348/03A
☒ 348/05A
☒ 348/07A
☒ 348/09A
☒ 348/11A
☒ 348/13A
☒ 348/15A
☒ 348/17A
☒ 348/19A
☒ 348/19A1
☒ 348/21A
☒ 348/23A
☒ 348/25A
☒ 348/27A
☒ 348/29A
☒ 348/31A
☒ 349/01A
☒ 349/03A
☒ 349/05A
☒ 349/07A
☒ 349/09A
☒ 349/11A
☒ 349/13A
☒ 349/15A
C/L OF BR.NO.140
PROP.SPAN 1X1.20 X 1.2m
RCC BOX AT
KM:347/34 - 348/01,(Km.348.164)
CH:1084.422m
120m(MIN)
666.108M
1000M(MIN.)
13.20m
13.25m
14.28m
12.50m
12.70m
12.40m
14.56m
14.70m
14.65m
14.80m
14.20m
14.32m
14.15m
14.26m
12.35m
12.50m
11.50m
12.80m
11.50m
11.80m
12.25m
13.0m
12.72m
12.55m
8.90m
11.90m
12.30m
12.0m
L-31 F
L-32 F
L-33 F
L-36 F
L-37 F
L-41 F
L-42 F
JB-7 F
L-1 F
JB-1 F
UP DP65,66
SH-202
UP ADV.STR.(MAIN)
S-21
HASSDAC
UP DP73,74
05, 07, 105, 107, 209.
023XT
666.108M
1000M(MIN.)
UP GATE INN.
DIST. OF L.C.53.
D1-SW1
UP GATE INN.
DIST. OF L.C.53.
D1-SW3
R DP63,64
64B
65BXT
65B
R DP71,72
SH-204
05, 07, 09, 105, 107, 109, 209, 211, 213.
021XT
UP ADV.STR.(REV)
S-23
HASSDAC
R DP75,76
26XT
R DP81,82
L-3
L-4
L-5
S-26
C-26
DN HOME SIG.
C-26XT
R DP83,84
CO-ON BOARD
65.0M
D1-26
DN INN DIST.
L-44 F
FM
UD DP67,68
FM
L-35 F
L-38 F
180m(MIN)
1000M(MIN.)
HASSDAC
65A
65AXT
DN DP69,70
L-34 F
24XT
DN DP77,78
L-4
L-5
S-24
C-24
DN HOME SIG.
C-24XT
DN DP79,80
CO-ON BOARD
20.0m
D1-24
L-39 F
L-40 F
JB-7 F
L-43 F
180m(MIN)
1000m(MIN)


349/17A
349/19A
349/21A
349/23A
349/25A
349/27A
349/29A
350/01A
350/03A
350/09A
350/11A
350/13A
350/15A
350/21A
350/29A
351/9A
351/15A
351/21A
351/31A
352/3A
352/7A
INTERLOCKED
C/L OF L-XING NO.53
CLASS:-'A' (MANNED)
Km 350/9-11(350.270)
LHS SANCTIONED
L-2 F
180.0M(MIN)
11.0m
UP GATE SIG.OF L.C.53.
CUM DIST OF KVQ
D2-01/SW-1
13.0m
11.0m
10.0m
12.0m
10.0m
11.0m
12.0m
11.0m
'R'
'R1'
HDD
SLIDING KEY 'R' TO COME FROM GATE LODGE
15.0m
16.0m
13.0m
15.0m
16.0m
17.0m
14.0m
15.0m
10.0m
15.0m
16.0m
G.L
5.79
JB-1 F
JB-2 F
JB-3 F
SIGNALLING CABLE & OFC,6Q CABLE
UP MAIN LINE
UP REV GATE SIG.OF L.C.53.
CUM DIST OF KVQ
D2-03/SW-3
REVERSIBLE LINE
D2-26/SW-4
DN REV GATE SIG.CUM DIST SIG.MDJ
DN REV GATE INN DIST D1-SW4
L-3 F
L-4 F
S-04
DN ADV.STR.OF KVQ (REV)
180.0M(MIN)
666.108m
1000M(MIN.)
631.36m
DN MAIN LINE
(BOOM LOCKING PROVIDED)
CONTROLLED BY SL-1
'B'
'R'
KEY 'B' WILL GO TO GL EKT.
D2-24/SW2
DN GATE SIG.CUM DIST SIG.OF MDJ
DN GATE INN DIST D1-SW2
S-02
DN ADV.STR.OF KVQ (MAIN)
180.0M(MIN)
1120m
1000M(MIN.)
653m
TO SONNAGAR (SEB)
FROM GOMOH (KM-411.83)
NEXT BLOCK STATION KOSIARA(KVQ)
AT KM: 352.92(5.84KM FROM MUHAMMADGANJ)

LEGEND:-

SYMBOL	DESCRIPTION
―	EXISTING TRACK
―	3RD LINE
━	SIGNALLING CABLE & OFC,6Q CABLE
⌒	BRIDGE
▭	DWC PIPE 120mm DIA
▭	HDPE DUCT 90mm DIA
⊠	OHE MAST
━	OFC & 6QUAD

NOTE:-1-ALL DIMENSIONS ARE IN METERS, DESIGN NOT TO SCALE
2-ALL DIMENSIONS REFERENCE WITH EXISTING OHE MAST

APPROVED BY S&T DEPARTMENT

SR. DSTE/DDU	VIVEK SAURABH	VIVEK SAURABH 2026.01.29 15:53:59 +05'30'
DSTE/DDU	RAMESH KUMAR SINGH	RAMESH KUMAR SINGH 2026.01.29 12:02:02 +05'30'
ASTE/DOS	RAVI SHANKAR	
SSE/SIG/JPL	Gyan prakash bharti	Digitally signed by Gyan prakash bharti Date: 2026.01.23 13:52:36 +05'30'
SSE/DRG/DDU	AJAY KUMAR SAHA	AJAY KUMAR SAHA 2026.01.29 11:25:06 +05'30'

ABL - STS (JV)
S. NO. 861, ASHOKA HOUSE,
ASHOKA MARG, NASHIK -
422011 M.H

RAIL VIKAS NIGAM LIMITED

		PMC		RVNL		
						PRABHAT KUMAR DWIVEDI
PREPARED BY	CHECKED BY	EXPERT/S&T/PMC	RE/S&T/PMC	SSE/S&T/RVNL	Dy.Mgr./S&T/RVNL	DGM/S&T/RVNL

STATION - MOHAMMADGANJ STATION (MDJ)

DRG. NO.	ASHOKA/SEB-GHD/MDJ/CRP/01	DATE-17.11.2025	E.C.R
DRAWING TITLE	CABLE ROUTE OF MOHAMMADGANJ STATION		
SHEET NO.	01/01	NOT TO SCALE	