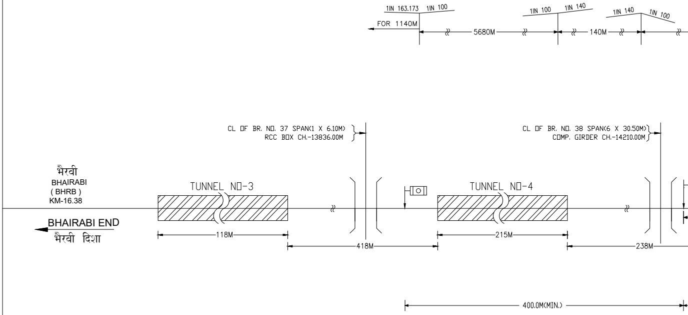

1IN 163.173
1IN 100
FOR 1140M
5680M
1IN 100
1IN 140
140M
1IN 140
1IN 100
CL OF BR. NO. 37 SPAN(1 X 6.10M)
RCC BOX CH.-13836.00M
CL OF BR. NO. 38 SPAN(6 X 30.50M)
COMP. GIRDER CH.-14210.00M
भैरवी
BHAIRABI
(BHRB)
KM-16.38
TUNNEL NO-3
TUNNEL NO-4
BHAIRABI END
भैरवी दिशा
118M
418M
215M
238M
400.0M(MIN.)

LIST OF FOULING TRACK CIRCUITS

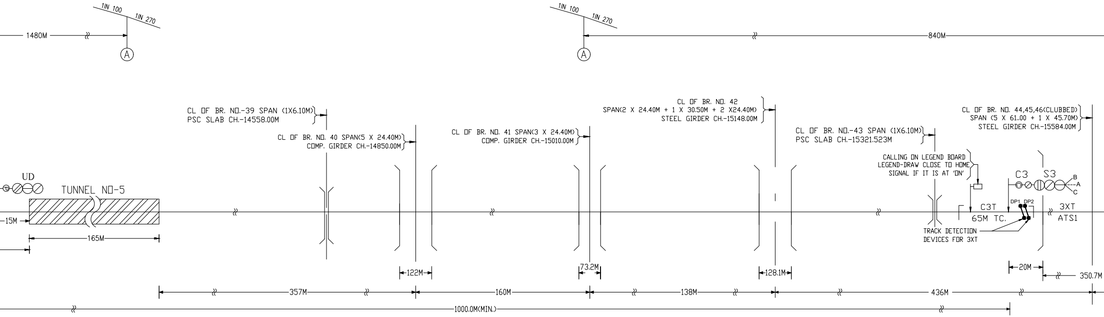
S/No.	FOULING TRACK CIRCUIT	MOVEMENT
1.	103T	ALL MOVEMENTS WITH POINT X-OVER 101-102 REVERSE.
2.	113T	ALL MOVEMENTS WITH POINT X-OVER 111-112 REVERSE.

SIGNAL OVERLAPS OF UP HOME SIGNAL NO. S3

S/No.	ROUTE	OVERLAP
1.	S3A	120M(MIN) FROM UP STARTER SIG. NO.-S35 UPTO UP ADV. STR SIGNAL No.S47 WITH POINT Nos.111-112 & 113-114 NORMAL.
2.	S3B	120M(MIN) FROM UP STARTER SIG. NO.-S39 UPTO DEAD END WITH POINT No.113-114 NORMAL.
3.	S3B1	120M(MIN) FROM UP STARTER SIG. NO.-S39 UPTO UP ADV. STR SIGNAL No.S47 WITH POINT No.113-114 REVERSE.
4.	S3C	120M(MIN) FROM UP STARTER SIG. NO.-S37 UPTO DEAD END WITH POINT No.111-112 NORMAL.
5.	S3C1	120M(MIN) FROM UP STARTER SIG. NO.-S37 UPTO UP ADV. STR SIGNAL No.S47 WITH POINT No.111-112 REVERSE.

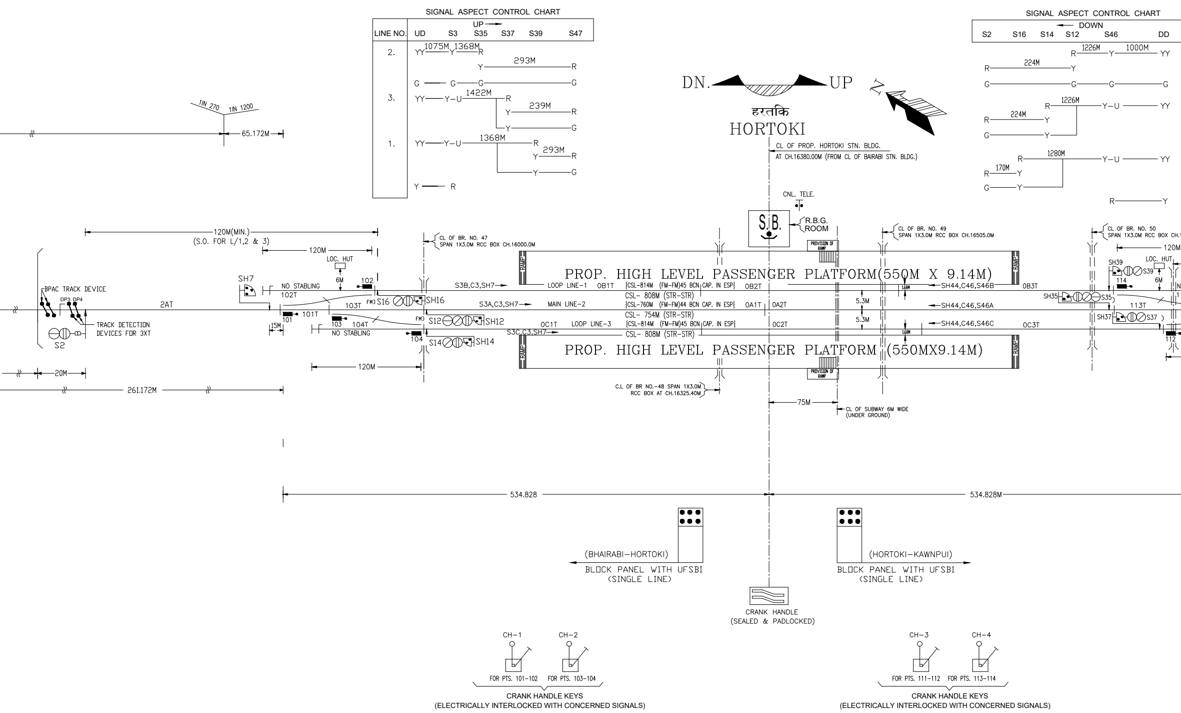
SIGNAL OVERLAPS OF DN. HOME SIGNAL NO.S46

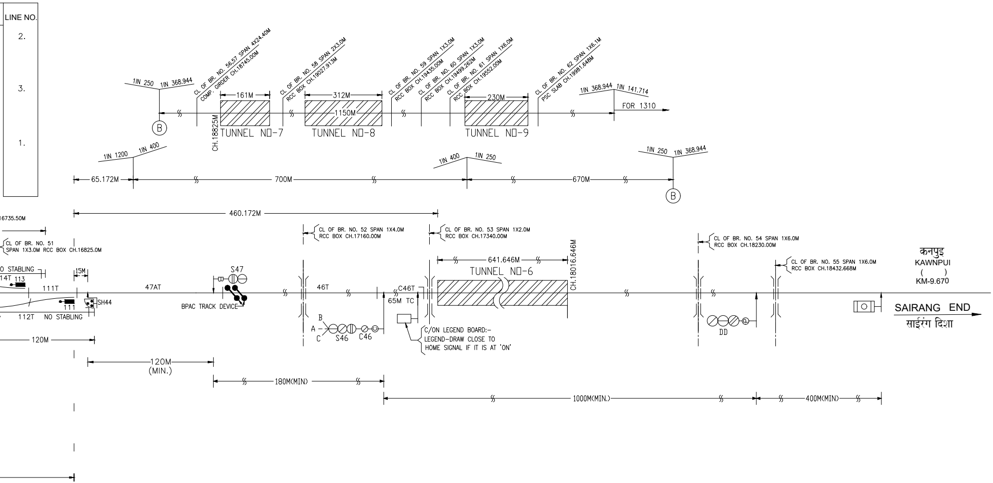
S/No.	ROUTE	OVERLAP
1.	S46A	120M(MIN) FROM DN. STARTER SIG. NO.-S12 UPTO DN. ADV. STR SIGNAL No.S2 WITH POINT Nos.10.1-102 & 103-104 NORMAL.
2.	S46B	120M(MIN) FROM DN. STARTER SIG. NO.-S16 UPTO DEAD END WITH POINT No.101-102 NORMAL.
3.	S46B1	120M(MIN) FROM DN. STARTER SIG. NO.-S16 UPTO DN. ADV. STR SIGNAL No.S2 WITH POINT No.101-102 REVERSE.
4.	S46C	120M(MIN) FROM DN. STARTER SIG. NO.-S14 UPTO DEAD END WITH POINT No.103-104 NORMAL.
5.	S46C1	120M(MIN) FROM DN. STARTER SIG. NO.-S14 UPTO DN. ADV. STR SIGNAL No.S2 WITH POINT No.103-104 REVERSE.


1IN 100
1IN 270
1480M
A
1IN 100
1IN 270
840M
A
CL OF BR. NO.-39 SPAN (1X6.10M)
PSC SLAB CH.-14558.00M
CL OF BR. NO. 40 SPAN(5 X 24.40M)
COMP. GIRDER CH.-14850.00M
CL OF BR. NO. 41 SPAN(3 X 24.40M)
COMP. GIRDER CH.-15010.00M
CL OF BR. NO. 42
SPAN(2 X 24.40M + 1 X 30.50M + 2 X24.40M)
STEEL GIRDER CH.-15148.00M
CL OF BR. NO.-43 SPAN (1X6.10M)
PSC SLAB CH.-15321.523M
CL OF BR. NO. 44,45,46(CLUBBED)
SPAN (5 X 61..00 + 1 X 45.70M)
STEEL GIRDER CH.-15584.00M
CALLING ON LEGEND BOARD
LEGEND-DRAW CLOSE TO HOME
SIGNAL IF IT IS AT 'ON'
UD
TUNNEL NO-5
15M
165M
C3
S3
B
A
C
C3T
65M TC.
DP1
DP2
3XT
ATS1
TRACK DETECTION
DEVICES FOR 3XT
122M
73.2M
128.1M
20M
350.7M
357M
160M
138M
436M
1000.0M(MIN.)

SECTION MAPPING

S/No.	SECTION	DETECTION POINTS	TC
1.	ATS1	DP1/DP2,DP3/DP4	3XT


SIGNAL ASPECT CONTROL CHART
LINE NO.
UP
UD
S3
S35
S37
S39
S47
2.
3.
1.
1075M
1368M
293M
1422M
239M
1368M
293M
YY
Y
R
G
Y-U
SIGNAL ASPECT CONTROL CHART
DOWN
S2
S16
S14
S12
S46
DD
1226M
1000M
224M
1226M
224M
1280M
170M
DN.
UP
N
हरतकि
HORTOKI
CL OF PROP. HORTOKI STN. BLDG.
AT CH.16380.00M (FROM CL OF BAIRABI STN. BLDG.)
CNL. TELE.
S.B.
R.B.G. ROOM
1IN 270
1IN 1200
65.172M
120M(MIN.)
(S.O. FOR L/1,2 & 3)
120M
LOC. HUT
6M
CL OF BR. NO. 47
SPAN 1X3.0M RCC BOX CH.16000.0M
CL OF BR. NO. 49
SPAN 1X3.0M RCC BOX CH.16505.0M
CL OF BR. NO. 50
SPAN 1X3.0M RCC BOX CH.1
PROVISION OF RAMP
RAMP
PROP. HIGH LEVEL PASSENGER PLATFORM(550M X 9.14M)
PROP. HIGH LEVEL PASSENGER PLATFORM (550MX9.14M)
BPAC TRACK DEVICE
DP3
DP4
TRACK DETECTION DEVICES FOR 3XT
S2
2AT
SH7
NO STABLING
102T
102
101
101T
15M
103T
103
104T
104
NO STABLING
FM) S16
SH16
FM) S12
SH12
S14
SH14
S3B,C3,SH7
S3A,C3,SH7
S3C,C3,SH7
LOOP LINE-1
OB1T
{CSL-814M (FM-FM)45 BCN CAP. IN ESP}
CSL- 808M (STR-STR)
MAIN LINE-2
{CSL-760M (FM-FM)44 BCN CAP. IN ESP}
CSL- 754M (STR-STR)
OC1T
LOOP LINE-3
{CSL-814M (FM-FM)45 BCN CAP. IN ESP}
CSL- 808M (STR-STR)
OB2T
OA1T
OA2T
OC2T
5.3M
5.3M
168M
168M
SH44,C46,S46B
SH44,C46,S46A
SH44,C46,S46C
OB3T
OC3T
SH35
S35
SH39
S39
SH37
S37
114
113T
112
120M
20M
261.172M
120M
C.L OF BR NO.-48 SPAN 1X3.0M
RCC BOX AT CH.16325.40M
75M
CL OF SUBWAY 6M WIDE
(UNDER GROUND)
534.828
534.828M
(BHAIRABI-HORTOKI)
BLOCK PANEL WITH UFSBI
(SINGLE LINE)
(HORTOKI-KAWNPUI)
BLOCK PANEL WITH UFSBI
(SINGLE LINE)
CRANK HANDLE
(SEALED & PADLOCKED)
CH-1
CH-2
FOR PTS. 101-102
FOR PTS. 103-104
CRANK HANDLE KEYS
(ELECTRICALLY INTERLOCKED WITH CONCERNED SIGNALS)
CH-3
CH-4
FOR PTS. 111-112
FOR PTS. 113-114
CRANK HANDLE KEYS
(ELECTRICALLY INTERLOCKED WITH CONCERNED SIGNALS)


LINE NO.
2.
3.
1.
1IN 250
1IN 368.944
CL OF BR. NO. 56,57 SPAN 4X24.40M
COMP. GIRDER CH.18745.00M
161M
CH.18825M
TUNNEL NO-7
CL OF BR. NO. 58 SPAN 2X3.0M
RCC BOX CH.19027.913M
312M
1150M
TUNNEL NO-8
CL OF BR. NO. 59 SPAN 1X3.0M
RCC BOX CH.19435.00M
CL OF BR. NO. 60 SPAN 1X3.0M
RCC BOX CH.19499.262M
CL OF BR. NO. 61 SPAN 1X6.0M
RCC BOX CH.19552.00M
230M
TUNNEL NO-9
CL OF BR. NO. 62 SPAN 1X6.1M
PSC SLAB CH.19981.648M
1IN 368.944
1IN 141.714
FOR 1310
B
1IN 1200
1IN 400
1IN 400
1IN 250
1IN 250
1IN 368.944
65.172M
700M
670M
B
460.172M
16735.50M
CL OF BR. NO. 51
SPAN 1X3.0M RCC BOX CH.16825.0M
CL OF BR. NO. 52 SPAN 1X4.0M
RCC BOX CH.17160.00M
CL OF BR. NO. 53 SPAN 1X2.0M
RCC BOX CH.17340.00M
641.646M
CH.18016.646M
TUNNEL NO-6
CL OF BR. NO. 54 SPAN 1X6.0M
RCC BOX CH.18230.00M
CL OF BR. NO. 55 SPAN 1X6.0M
RCC BOX CH.18432.668M
O STABLING
14T
113
111T
15M
111
SH44
112T
NO STABLING
47AT
S47
BPAC TRACK DEVICE
46T
B
A
C
S46
C46
C46T
65M TC
C/ON LEGEND BOARD:-
LEGEND-DRAW CLOSE TO
HOME SIGNAL IF IT IS AT 'ON'
DD
कनपुइ
KAWNPUI
( )
KM-9.670
SAIRANG END
साईरंग दिशा
120M
120M
(MIN.)
180M(MIN)
1000M(MIN.)
400M(MIN)

Signature block

CTPM	**RASHMI GAUTAM**	Digitally signed by RASHMI GAUTAM Date: 2022.05.27 16:02:42 +05'30'
PCSTE-C-MLG	**K. N. KHEROTIA**	Digitally signed by K. N. KHEROTIA Date: 2022.05.26 15:19:14 +05'30'
LMG-DRM	**JOGINDER SINGH LAKRA**	Digitally signed by JOGINDER SINGH LAKRA Date: 2022.05.24 14:44:11 +05'30'
LMG-SRDOM	**KAPINJAL KISHORE SHARMA**	Digitally signed by KAPINJAL KISHORE SHARMA Date: 2022.05.19 18:53:22 +05'30'
LMG-SRDSTE	**VINOD CHAUHAN**	Digitally signed by VINOD CHAUHAN Date: 2022.05.09 12:59:11 +05'30'
DY CSTE-C-PL	UTPAL KALITA	Digitally signed by UTPAL KALITA Date:2022.04.06 03:46:27 +05'30'
SSTE-C-PL	Kanti Lal Das	Digitally signed by Kanti Lal Das Date:2022.04.06 01:04:38 +05'30'
ASTE-C-PL	Hemanta . Kr Das	Digitally signed by Hemanta . Kr Das Date:2022.04.06 03:52:53 +05'30'
SSE-C-SIG-PL	Amlan Barthakur	Digitally signed by Amlan Barthakur Date:2022.04.06 03:43:35 +05'30'
SSE-C-DRG-PL	Bhupen Kalita	Digitally signed by Bhupen Kalita Date:2022.04.06 12:31:09 +05'30'

6. YARD TO BE MADE RE FIT.
5. TUNNEL COMMUNICATION TO BE PROVIDED FOR ALL TUNNELS PRESENT IN STATION SECTION AS WELL AS IN BLOCK SECTION. VHF COMMUNICATION TO BE PROVIDED IN BETWEEN STATION TO STATION FOR COMMUNICATION PURPOSE.
4. DN. ADVANCED STARTER SIG. NO. S2 IS PLACED AT A DISTANCE OF 120M(MIN) FROM STR. SIG. INSTEAD OF LAST TRAILING POINT DUE TO STEEL GIRDER BR. NO. 44,45&46 (CLUBBED) AS PER PROVISION OF G & SR. PARA NO. 3.40(1) (b).
3. STARTER RELEASED BY ADVANCED STARTER IS NOT PROVIDED AS PER RLY. BD's AND VIDEGM/S&T/MLG's LET. No:–
   (i) 2008/SIG/G/4 DT.17/09/2015 &
   (ii) N/224/O Pt. XIX DT. 31/08/2017
2. STARTER SIGNALS ARE TO BE PROVIDED AT A DISTANCE NOT MORE THAN 3M FROM BJ/GJ AHEAD.
1. ALL PTS. & CROSSING ARE 1 IN 12 EXCEPT OTHERWISE MENTIONED.

टिप्पणी NOTES

कार्य का क्षेत्र SCOPE OF WORK	BAIRABI-SAIRANG NEW LINE PROJECT
मिसिल सं CASE NO.	
गेज GAUGE	B.G.
अन्तर्पाशन का मानक STD. OF INTERLOCKING	II
स्टेशन का वर्ग CLASS OF STATION	'B'
विचलन DEVIATION	AS LISTED
इंजी योजना के अनुसार TO SUIT ENGG. PLAN NO.	CE/Y/08/2018
सिगनल योजना का स्थान लेना SUPERSEDES SIG. PLAN NO.	NIL

DY.CSTE	ALT	REF.	DESCRIPTION	DY.CSTE/C/PL		
				(U. KALITA)		

(B. KALITA)	(N. BAISHYA)	(A. BORTHAKUR)	(H.K. DAS)	(K.L. DAS)	
एस एस इ नक्शा SSE/DRG.	एस एस इ नक्शा SSE/DRG.	एस एस इ सिग नि SSE/SIG/C	सहायक सिग एवं दूरसंचार नि बो ASTE/C/PL	वरिष्ठ सिग एवं दूरसंचार नि बो SSTE/C/PL	
DRAWN			CHECKED		DATE

APPROVED	DATE OF OPENING	CRS's SANC. NO. & DATE

हरतकि
HORTOKI
SIGNALLING PLAN (E.I.)

SCALE	
VERTICAL	1:500
HORIZONTAL	1:2000

मंडल
लामडिंग
DIVISION
LUMDING

DRG. NO. नक्शा सं
SG (SI) 4213

पूर्वोत्तर सीमा रेलवे संकेत एवं दूरसंचार विभाग
NORTHEAST FRONTIER RAILWAY – SIGNAL AND TELECOMMUNICATION DEPARTMENT.