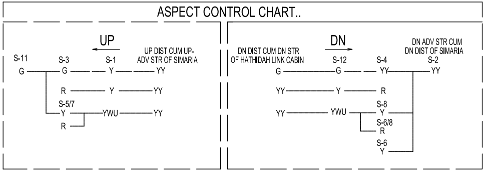
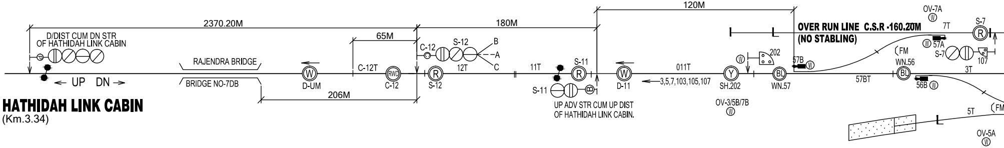

ASPECT CONTROL CHART..
UP
S-11
G
S-3
G
S-1
Y
UP DIST CUM UP-
ADV STR OF SIMARIA
YY
R
Y
YY
S-5/7
Y
YWU
YY
R
DN
DN DIST CUM DN STR
OF HATHIDAH LINK CABIN
G
S-12
G
S-4
YY
DN ADV STR CUM
DN DIST OF SIMARIA
S-2
YY
YY
Y
R
YY
YWU
S-8
Y
S-6/8
R
S-6
Y

○ ○ ○ REMINDER COLLARS ○ ○ ○	Ⓨ Ⓨ MAIN AUX POWER SUPPLY	Ⓦ Ⓦ FLASHER	S.M.'S KEY IN OUT Ⓖ Ⓖ Ⓡ Ⓡ	RRBU KEY IN OUT Ⓖ Ⓖ Ⓡ Ⓡ
			S.M.'S KEY	RRBU KEY
Ⓨ Ⓨ Ⓡ Ⓡ L.C. T.O.L. UP MAIN				
Ⓖ Ⓖ Ⓡ Ⓡ CLEAR OCCUPIED UP/DN MAIN BLOCK AXC STATUS WITH HATHIDAH LINK CABIN				

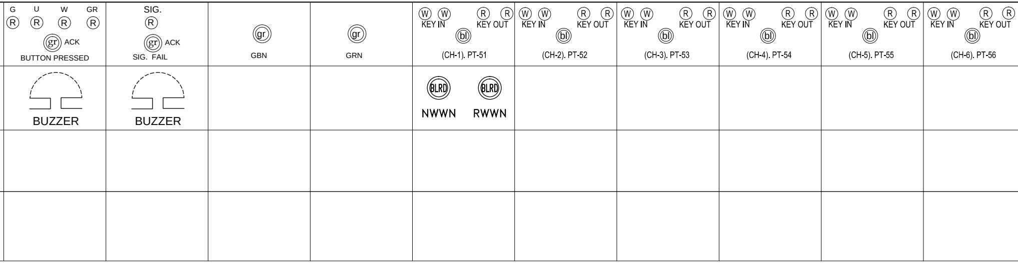

2370.20M
180M
120M
65M
206M
D/DIST CUM DN STR
OF HATHIDAH LINK CABIN
← UP DN →
HATHIDAH LINK CABIN
(Km.3.34)
RAJENDRA BRIDGE
BRIDGE NO-7DB
D-UM
C-12T
C-12
C-12
S-12
S-12
B
A
C
12T
11T
S-11
S-11
UP ADV STR CUM UP DIST
OF HATHIDAH LINK CABIN.
D-11
011T
3,5,7,103,105,107
SH.202
202
OV-3/5B/7B
WN.57
57B
OVER RUN LINE C.S.R -160.20M
(NO STABLING)
OV-7A
7T
S-7
57A
S-7
107
FM
WN.56
57BT
56B
3T
5T
FM
OV-5A

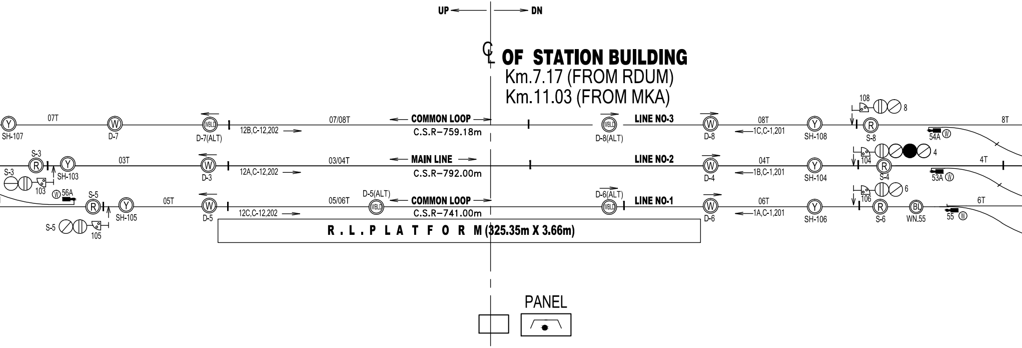
FUNCTION OF BUTTONS

1.	EGGN	EMERGENCY SIGNAL CANCELLATION TO DANGER BUTTON (R) RED.
2.	GRN	GROUP SLOT BUTTON FOR CH/GATE (gr) GREY .
3.	GBN	GROUP RELEASE BUTTON FOR CH/GATE (gr) GREY .
4.	NWWN	POINT THROWING TO NORMAL GROUP BUTTON (BLRD) BLACK WITH RED DOT.
5.	RWWN	POINT THROWING TO RELEASE GROUP BUTTON (BLRD) BLACK WITH RED DOT.
6.	EWN	EMERGENCY OPERATION OF POINT BUTTON (BL) BLACK WITH LOCKING & SEALING ARRAGEMENT.
7.	EUYN	EMERGENCY ROUTE RELEASE BUTTON (gr) GREY WITH LOCKING & SEALING ARRANGEMENT.
8.	G/U/W/GR/ACK	SIG/ROUTE/POINT GROUP ACKNOWLEDGEMENT BUTTON (gr) GREY.
9.	RRBUN	SUPER EMERGENCY ROUTE RELEASE BUTTON (gr) GREY WITH LOCKING & SEALING ARRANGEMENT.
10.	EOVN	EMERGENCY OVERLAP RELEASE BUTTON (gr) GREY WITH LOCKING & SEALING ARRANGEMENT.
11.	SIG FAIL ACK	SIG./PT.FAIL ACKNOWLEDGEMENT BUTTON (gr) GREY.
12.	COGGN	CALLING-ON GROUP BUTTON (RWD) RED WITH WHITE DOT WITH LOCKING & SEALING ARRANGEMENT.
13.	TPIK	TRAIN PASS ACKNOWLEDGEMENT BUTTON (W) WHITE.

LEGENDS

1. MAIN SIGNAL BUTTON (R) RED.
2. CALLING-ON SIGNAL BUTTON (RWD) RED WITH WHITE DOT.
3. SHUNT SIGNAL BUTTON (Y)YELLOW.
4. POINT BUTTON (BL) BLACK.
5. CRANK HANDLE BUTTON (bl) BLUE.
6. EXIT BUTTON (W) WHITE.
7. ALTERNATE OVERLAP BUTTON (WBLD) WHITE WITH BLACK DOT.

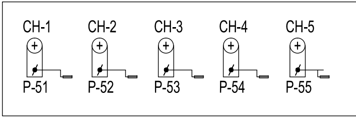

G U W GR
R R R R
gr ACK
BUTTON PRESSED
BUZZER
SIG.
R
gr ACK
SIG. FAIL
BUZZER
gr
GBN
gr
GRN
W W KEY IN R R KEY OUT
bl
(CH-1). PT-51
BLRD NWWN
BLRD RWWN
W W KEY IN R R KEY OUT
bl
(CH-2). PT-52
W W KEY IN R R KEY OUT
bl
(CH-3). PT-53
W W KEY IN R R KEY OUT
bl
(CH-4). PT-54
W W KEY IN R R KEY OUT
bl
(CH-5). PT-55
W W KEY IN R R KEY OUT
bl
(CH-6). PT-56


UP
DN
℄ OF STATION BUILDING
Km.7.17 (FROM RDUM)
Km.11.03 (FROM MKA)
SH-107
07T
D-7
D-7(ALT)
12B,C-12,202
07/08T
COMMON LOOP
C.S.R–759.18m
D-8(ALT)
LINE NO-3
D-8
08T
1C,C-1,201
SH-108
108
8
S-8
54A
8T
S-3
SH-103
03T
S-3
103
D-3
12A,C-12,202
03/04T
MAIN LINE
C.S.R–792.00m
LINE NO-2
D-4
04T
1B,C-1,201
SH-104
104
4
S-4
53A
4T
56A
S-5
SH-105
05T
D-5
12C,C-12,202
05/06T
D-5(ALT)
COMMON LOOP
C.S.R–741.00m
D-6(ALT)
LINE NO-1
D-6
06T
1A,C-1,201
SH-106
106
6
S-6
BL
WN.55
55
6T
S-5
105
R . L . P L A T F O R M (325.35m X 3.66m)
PANEL

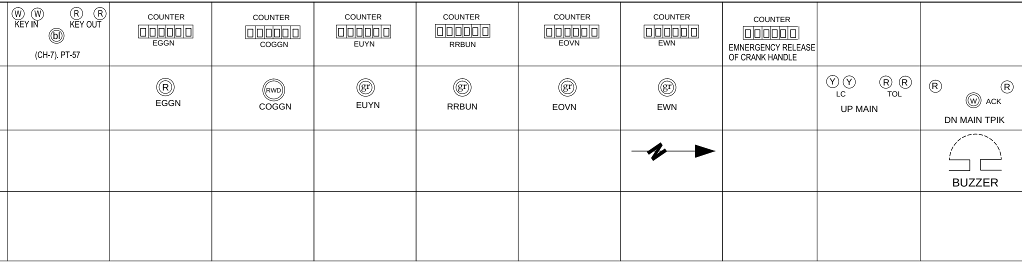
NOTE.

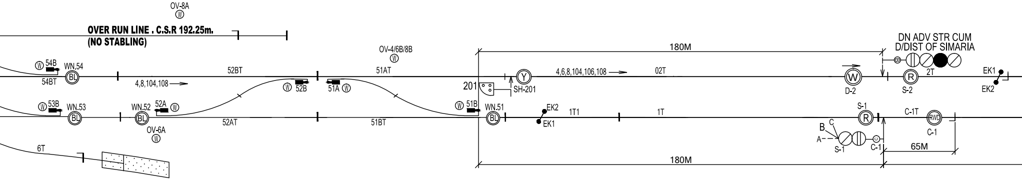
1. ABSOLUTE BLOCK SYSTEM OF WORKING WITH HATHIDAH LINK CABIN & SIMARIA.
2. DOUBLE LINE BLOCK INSTRUMENT M.S.W TYPE WORKING WITH SIMARIA LOCATED AT PANEL ROOM.
3. PROVISION OF UFSBI WITH WIRELESS INTERFACE FOR BLOCK WORKING BETWEEN RAJENDRA PUL -HATHIDAH LINK CABIN SINGLE LINE.
4. BLOCK PROVING AXLE COUNTER PROVIDED BETWEEN RAJENDRA PUL - SIMARIA & RJO-LINK CABIN IN BOTH UP&DN DIRECTION AND INTERLOCKED WITH BLOCK INSTRUMENT.
5. ALL ANGLE OF 'X'ING ARE 1 IN 12 OTHERWISE INDICATED.
6. CONTROL TELEPHONE PROVIDED AT PANEL ROOM
7. TRACK CIRCUIT No.11T,12T ARE STAGGERED BY 1.82M.
8. LED SIGNAL LAMP ARE USED.
9. UP ADV STR NO.11 OF RJO RELEASED BY SIG NO.1 OF HATHIDAH LINK CABIN SIMILARY SIG No.2 OF HATHIDAH LINK CABIN - RELEASED BY DN HOME SIG NO.12 OF RJO THIS ARRAGEMENT SHOULD BE PROVIDED TO AVOID STOPPING OF A PASSENGER- OR GOODS TRAIN ON RAJENDRA BRIDGE.

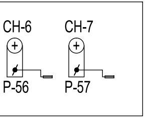
CRANK HANDLES


CH-1
P-51
CH-2
P-52
CH-3
P-53
CH-4
P-54
CH-5
P-55

CRANK HANDKE WELDED OR CHAINED WITH KEY.


W W KEY IN
R R KEY OUT
bl
(CH-7). PT-57
COUNTER
EGGN
COUNTER
COGGN
COUNTER
EUYN
COUNTER
RRBUN
COUNTER
EOVN
COUNTER
EWN
COUNTER
EMNERGENCY RELEASE OF CRANK HANDLE
R
EGGN
RWD
COGGN
gr
EUYN
gr
RRBUN
gr
EOVN
gr
EWN
Y Y LC
R R TOL
UP MAIN
R
W ACK
R
DN MAIN TPIK
BUZZER


OV-8A
W
OVER RUN LINE . C.S.R 192.25m.
(NO STABLING)
OV-4/6B/8B
W
W 54B
WN.54
BL
54BT
4,8,104,108
52BT
W 52B
51A W
51AT
201
SH-201
Y
4,6,8,104,106,108
02T
180M
DN ADV STR CUM
D/DIST OF SIMARIA
W
D-2
R
S-2
2T
EK1
EK2
W 53B
WN.53
BL
WN.52
BL
52A W
52AT
OV-6A
W
51BT
W 51B
WN.51
BL
EK2
EK1
1T1
1T
S-1
R
C-1T
RWD
C-1
B
C
A
S-1
C-1
65M
180M
6T


CH-6
P-56
CH-7
P-57

PANEL DETAIL

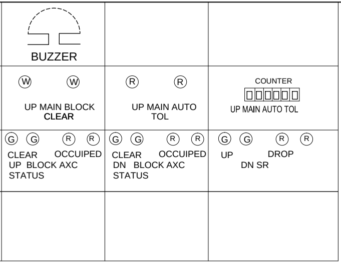
1. **MAIN SIGNALBUTTON- 1, 2, 3, 4, 5, 6, 7, 8, 11, 12.**
2. **C/ON SIGNAL BUTTON- C-1, C-12.**
3. **SHUNT SIGNAL BUTTONS -103,104,105,106,107,108,201,202**
4. **POINT CONTROL BUTTON .51, 52, 53, 54, 55, 56, 57**
4. **CRANK HANDLE BUTTON. CH-1, CH-2, CH-3, CH-4, CH-5, CH-6, CH-7.**

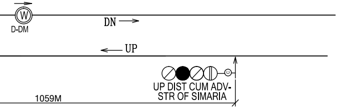
PREPARED BY
MARUTI ENTERPRISES.
KOLKATTA

yogendra
DRAWN CHECKED

E.C.R.
DANAPUR. DIVISION

C H E C K E D		
SSE/S/Pro/HJP	**SSTE/Pro/BJU**	**Dy.CSTE/Pro/HJP**


BUZZER
W W
UP MAIN BLOCK CLEAR
R R
UP MAIN AUTO TOL
COUNTER
UP MAIN AUTO TOL
G G R R
CLEAR OCCUIPED
UP BLOCK AXC STATUS
G G R R
CLEAR OCCUIPED
DN BLOCK AXC STATUS
G G R R
UP DROP
DN SR


W
D-DM
DN ⟶
⟵ UP
UP DIST CUM ADV-STR OF SIMARIA
1059M

TO BARAUNI
(Km–20.86FROM MKA)
(Km–17.00FROM RDUM)

TO DINKARGRAM SIMRIA(3.57Km)
(Km–14.60 FROM MKA)
(Km–10.74 FROM RDUM)

APPROVED

DSTE/W/DNR	**DOM/C/DNR**

CENTRAL PANEL
STATION WORKING ROULE DIAGRAM
(MACL . STD-II(R).CLASS'B'

राजेंन्द्रपुल
RAJENDRA PUL
(RJO)

SH. NO. 1/1

ECR/SWRD/DNR
308/2015

TO SUIT SIP NO.ECR/SIP/DNR/308/2014