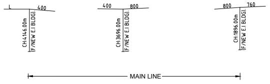
RAINAGAR STATION YARD

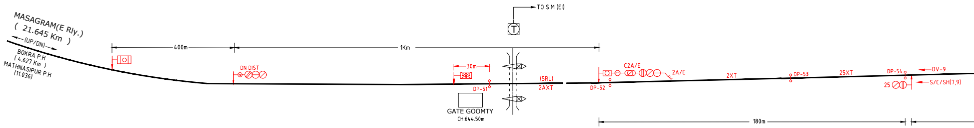

L
400
CH:4146.00m
(F/NEW E.I BLDG).
400
800
CH:3696.00m
(F/NEW E.I BLDG).
800
760
CH:1896.00m
(F/NEW E.I BLDG).
MAIN LINE

डाउन आस्पेक्ट नियंत्रन चार्ट (मेन लाइन) →

DN ASPECT CONTROL CHART(MAIN LINE) →

DN DIST.	HOME S-2A/E	M/STR. S-12	ADV. STR. S-20
← 1Km →	← 1100m. →	← 197m. →	
G	G	G	G
YY	Y	Y	R
YY	Y	R	
YY	Ywu		
Y	R×		

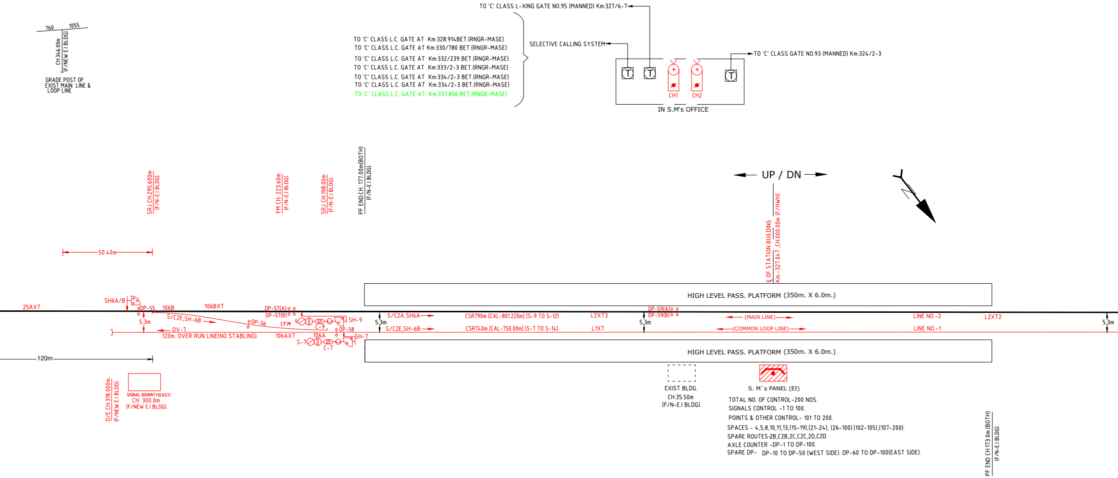
× NOT TO BE PROVED


MASAGRAM(E Rly.)
(21.645 Km)
(UP/DN)
BOKRA P.H
(4.627 Km)
MATHNASIPUR P.H
(11.036)
400m
1Km
DN DIST
TO S.M (EI)
T
30m
DP-51
(5RL)
2AXT
GATE GOOMTY
CH:644.50m
DP-52
C2A/E
2A/E
2XT
DP-53
25XT
DP-54
OV-9
25
S/C/SH(7,9)
180m

'C' CLASS L-XING GATE (MANNED)

Km:327/6-7,327.685m(F/HWH)
CH:-638.00m.(F/NEW E.I BLDG).
LC GATE NO.-BR 95
[NORMALLY CLOSED TO ROAD TRAFFIC]

Signature Not Verified
Digitally signed by KAUSHAL KUMAR GARG
Date: 2022.05.03 18:07:38 IST
Reason: IREPS-CRIS
Location: New Delhi



TO 'C' CLASS L-XING GATE NO.95 (MANNED) Km:327/6-7
TO 'C' CLASS L.C. GATE AT Km:328.914BET.(RNGR-MASE)
TO 'C' CLASS L.C. GATE AT Km:330/780 BET.(RNGR-MASE)
TO 'C' CLASS L.C. GATE AT Km:332/239 BET.(RNGR-MASE)
TO 'C' CLASS L.C. GATE AT Km:333/2-3 BET.(RNGR-MASE)
TO 'C' CLASS L.C. GATE AT Km:334/2-3 BET.(RNGR-MASE)
TO 'C' CLASS L.C. GATE AT Km:334/2-3 BET.(RNGR-MASE)
TO 'C' CLASS L.C. GATE AT Km:337.806 BET.(RNGR-MASE)
SELECTIVE CALLING SYSTEM
TO 'C' CLASS GATE NO.93 (MANNED) Km:324/2-3
T
T
CH1
CH2
T
IN S.M's OFFICE
760
1055
CH:346.00m
(F/NEW E.I BLDG).
GRADE POST OF EXIST MAIN LINE & LOOP LINE
SRJ CH:295.600m
(F/N-E.I BLDG).
FM CH: 223.60m.
(F/N-E.I BLDG).
SRJ CH:198.00m
(F/N-E.I BLDG).
PF END:CH. 177.00m(BOTH)
(F/N-E.I BLDG).
UP / DN
℄ OF STATION BUILDING
Km:-327.047 ,CH:000.00m (F/HWH)
50.40m
HIGH LEVEL PASS. PLATFORM (350m. X 6.0m.)
25AXT
SH6A/B
DP-55
106B
106BXT
DP-57(A)
DP-57(B)
S/C2E,SH-6B
DP-56
C.F.M
9
C-9
SH-9
5.3m
OV-7
120m. OVER RUN LINE(NO STABLING).
106AXT
106A
DP-58
SH-7
S-7
C-7
5.3m
S/C2A,SH6A
S/C2E,SH-6B
CSR790m [CAL-801.220m] (S-9 TO S-12)
CSR740m [CAL-750.00m] (S-7 TO S-14)
L2XT3
L1XT
DP-59(A)
DP-59(B)
5.3m
(MAIN LINE)
(COMMON LOOP LINE)
LINE NO.-2
LINE NO.-1
L2XT2
5.3m
120m
HIGH LEVEL PASS. PLATFORM (350m. X 6.0m.)
D/E CH:318.000m.
(F/NEW E.I BLDG).
SIGNAL GOOMITY(EAST)
CH: 300.0m
(F/NEW E.I BLDG).
EXIST BLDG.
CH:35.50m
(F/N-E.I BLDG).
S. M`s PANEL (EI)
PF END CH:173.0m.(BOTH)
(F/N-E.I BLDG).

TOTAL NO. OF CONTROL-200 NOS.
SIGNALS CONTROL -1 TO 100.
POINTS & OTHER CONTROL- 101 TO 200.
SPACES - 4,5,8,10,11,13,(15-19),(21-24), (26-100).(102-105),(107-200).
SPARE ROUTES-2B,C2B,2C,C2C,2D,C2D.
AXLE COUNTER -DP-1 TO DP-100.
SPARE DP- DP-10 TO DP-50 (WEST SIDE). DP-60 TO DP-100(EAST SIDE).

आपतकालीन कांटे का प्रचालन के लिए क्रैंक मुट समुह

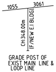
CRANK HANDLE GROUPING FOR EMERGENCY OPERATION OF POINTS

CRANK HANDLE	CONTROL POINTS	LOCATION
CH1	101A/B.	S.M.
CH2	106A/B	S.M.

कार्य संचालन प्रस्तति

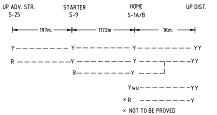
SYSTEM OF BLOCK WORKING

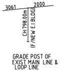
SL. NO.	SYSTEM	SECTION	INSTRUMENT	LOCATION
1.	ABSOLUTE BLOCK	RAINAGAR-BOWAICHANDI(UP / DN)	SLBP WITH BPAC	S.M.
2.	ONE TRAIN ONLY	RAINAGAR -MASAGRAM (UP / DN)	--	--

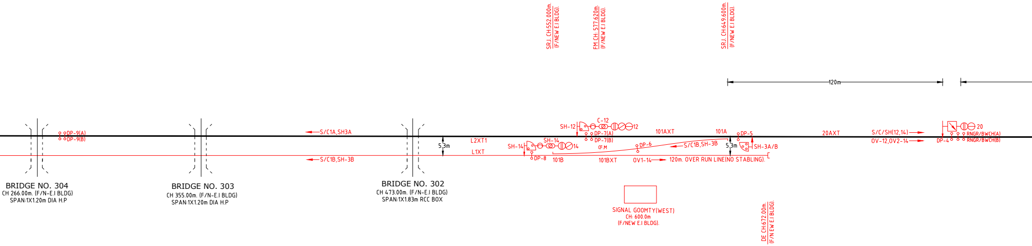

1055
3061
CH:348.00m
(F/NEW E.I BLDG)
GRADE POST OF
EXIST MAIN LINE &
LOOP LINE

अप आस्पेक्ट नियंत्रन चार्ट (मेन लाइन)

UP ASPECT CONTROL CHART (MAIN LINE)


UP ADV. STR.
S-25
STARTER
S-9
HOME
S-1A/B
UP DIST.
197m.
1172m
1Km.
Y
Y
Y
YY
R
Y
Y
YY
R
Y
Ywu
YY
×R
Y
× NOT TO BE PROVED

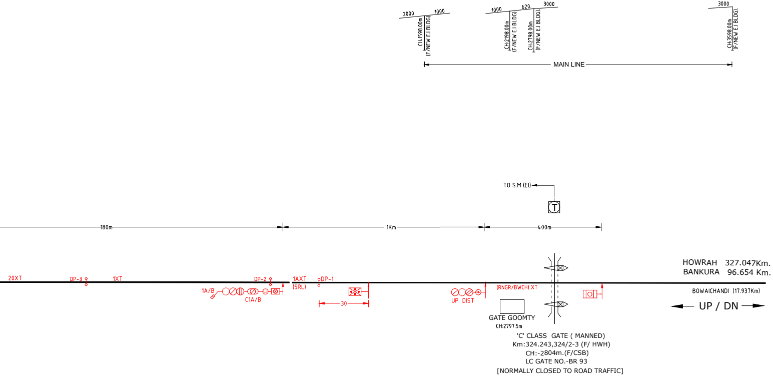

3061
2000
CH:798.00m
(F/NEW E.I BLDG)
GRADE POST OF
EXIST MAIN LINE &
LOOP LINE


SRJ. CH:552.000m.
(F/NEW E.I BLDG).
FM CH: 577.620m.
(F/NEW E.I BLDG).
SRJ. CH:649.600m.
(F/NEW E.I BLDG).
120m
DP-9(A)
DP-9(B)
S/C1A,SH3A
S/C1B,SH-3B
5.3m
L2XT1
L1XT
SH-12
C-12
12
DP-7(A)
DP-7(B)
SH-14
SH-14
14
CF.M
DP-8
101B
101BXT
101AXT
101A
DP-6
S/C1B,SH-3B
OV1-14
120m. OVER RUN LINE(NO STABLING).
5.3m
DP-5
SH-3A/B
20AXT
S/C/SH(12,14)
OV-12,OV2-14
DP-4
20
RNGR/BWCH(A)
RNGR/BWCH(B)
BRIDGE NO. 304
CH 266.00m. (F/N-E.I BLDG)
SPAN:1X1.20m DIA H.P
BRIDGE NO. 303
CH 355.00m. (F/N-E.I BLDG)
SPAN:1X1.20m DIA H.P
BRIDGE NO. 302
CH 473.00m. (F/N-E.I BLDG)
SPAN:1X1.83m RCC BOX
SIGNAL GOOMTY(WEST)
CH: 600.0m
(F/NEW E.I BLDG).
DE CH:672.00m.
(F/N EW E.I BLDG).

DETAILS OF TRACK CIRCUITS/TRACK SECTION:

TRACK CIRCUIT / TRACK SECTION
1XT,1AXT,2XT,2AXT,20XT,20AXT,25AXT, 25XT,101AXT,101BXT,106AXT,106BXT, L1XT,L2XT1,L2XT2,L2XT3.

4. DIGITAL AXLE COUNTER SHOWN THUS ⟟ FOR SINGLE DETECTION.


2000
1000
CH:1598.00m
(F/NEW E.I BLDG)
1000
620
3000
CH:2198.00m
(F/NEW E.I BLDG)
CH:2798.00m
(F/NEW E.I BLDG)
3000
CH:3598.00m
(F/NEW E.I BLDG)
MAIN LINE
TO S.M (EI)
T
180m
1Km
400m
20XT
DP-3
1XT
DP-2
1A/B
C1A/B
1AXT
(5RL)
DP-1
30
UP DIST
(RNGR/BWCH) XT
GATE GOOMTY
CH:2797.5m
HOWRAH 327.047Km.
BANKURA 96.654 Km.
BOWAICHANDI (17.937Km)
UP / DN

'C' CLASS GATE (MANNED)
Km:324.243,324/2-3 (F/ HWH)
CH:-2804m.(F/CSB)
LC GATE NO.-BR 93
[NORMALLY CLOSED TO ROAD TRAFFIC]

NOTES:-

1. ALL POINTS ARE 1 IN 12 (C/S) EXCEPT WHERE OTHERWISE INDICATED.
2. ALL POINTS ARE MOTOR OPERATED EXCEPT WHERE OTHERWISE INDICATED.
2. ALL SIGNAL LAMPS ARE OF LED TYPE.
4. DIGITAL AXLE COUNTER SHOWN THUS ⟟ FOR SINGLE DETECTION
& ⟟ ⟟ FOR DUAL DETECTION.
5. AUTHORISED OPERATING PRESONNEL ON DUTY SHALL CARRY OUT PHYSICAL VERIFICATION OF TRACK OF FAILED AXLE COUNTER BEFORE RESETTING.
6. (i) STR. SIG. No. (12,14) ARE CONTROLLED BY DN ADV. STR. NO. S-20
(ii) STR. SIG. No. (7,9) ARE CONTROLLED BY UP ADV. STR. NO. S-25
7. LEGEND BOARD WITH LEGEND AS FOLLOWS:-
   a)⊢⊠ ``DRIVER TO DRAW AHEAD RIGHT UPTO THE FOOT OF THE SIGNAL IF FOUND IT AT `ON'.''
   b)⊢⊗ ENTERING ONE TRAIN ONLY SYSTEM TERRITORY.
   c)⊢○ ENTERING ABSOLUTE BLOCK TERRITORY.
8. OPERATION OF EI FROM DUAL VISUAL DISPLAY UNIT IS AVAILABLE.
9. SIGNALLING SYSTEM IS "TO SUIT 25KV AC TRACTION SYSTEM".
10 (a)EXISTING SHOWN IN BLACK ———
(b)PROPOSED WORK SHOWN IN RED ———

TYPE OF TRACK CIRCUITS/ TRACK SECTION
AXLE COUNTER (MSDAC)

	नक्शा संख्या		पैमाना	DRAWN		
COUNTER SIGN	DRAWING NO.		SCALE			
	S.I.	द.पु.रे. S.E.R.	LONGITUDINAL:1CM=10M TRANSVERSE: 1CM = 5M			
CTPM/GRC		DIVN:- ADA		SSE/D&D/CON	SSE/SIG/CON	AS

ALT.	DESCRIPTION OF WORK	REFERENCE	CHECKED				APPROVED	ENGINEERING DRAWING		COMPLETION REFERENCES			
											RLY. BD./CRS/PCSTE's		
			SSE/ D&D	ASTE/ P&D	SSTE/ P&D	Dy.CSTE/ P&D	CSTE/PLG.	PLAN NO.	ALT.	COMMISSIONED ON	SANCTION NO.&DATE	DISPENSATION NO.& DATE	PCOM/GM'S SPL INSTRUCTION & DATE
NOT INVO-LVED.	1)REMODELING WORKS IN CONNECTION WITH CONSTRUCTION OF CROSSING STATION AT BQA-MSAE SECTION OF ADRA DIVISION	AS PER L. B. ITEM NO. 10(UW)/ 2020-2021.						CE's NO. YD/SY/ED/ 28740/21	--				

RAINAGAR STATION YARD

TENTATIVE

DEBJIT DAS

Digitally signed by DEBJIT DAS
Date: 2022.06.03 17:03:02 -08'00'

Dy. CSTE/RVNL/GRC

जाँच किया गया			अनुमोदित
CHECKED			APPROVED
			CHIEF SIGNAL & TELECOM ENGINEER/PLG
TE/CON	SSTE/CON/D&D-I	DY.CSTE /CON/D&D	CHIEF SIGNAL & TELECOM ENGINEER/CON/GRC

संकेत अन्तर्पाशन नक्शा

SIGNAL
INTERLOCKING PLAN

STANDARD OF INTERLOCKING- II

रायनागर स्टेशन यार्ड

RAINAGAR STATION YARD
(ELECTRONIC INTERLOCKING)

CODE:RNGR Km. 327.047 CLASS:`B'

नक्शा संख्या
DRAWING NO.

S.I.