℄ OF GOMIA (GMIA) STATION BUILDING

K.M. 48.567 (FROM GOMOH)
(CH:0.00)

N — UP — DN

BR. NO. 126
1X0.910M
CH: 123.00M

(INCLUDING S&T BUILDING)

RAIL LEVEL PASSENGER PLATFORM (550X11.00M)

LOW LEVEL PASSENGER PLATFORM (459.0X6.5M)

BR. NO. 125
2X0.910M
(1X3.0M)RCC BOX
CH: 372.0M

BR. NO. 127
3X0.910M
CH:352.0M

BR. NO. 128
2X0.910M
CH:812.0M

C.L. OF LEVEL –XING NO.11/SPL./T(INTERLOCKED)
AT KM 49.334 ('C' CLASS) MANNED
CH:– 767.0 WIDTH– 9.0M
ANGLE OF CROSSING–90°
TVU – 47014/JULY-17

CONTROLLED BY G-31

KEY 'B' GOES TO G.L EKT

TO BARKAKANA
(AT KM 100.620)
NEXT BLOCK STN.:
DUMRI BIHAR (AT KM 55.428)
(6.835 KM FROM GOMIA)

NOTE :-

1. ABSOLUTE BLOCK SYSTEM OF WORKING WITH DUMRI BIHAR & BOKARO THERMAL STATION.
2. UFSBI BLOCK PANEL WITH HASSDAC DOUBLE LINE TYPE WORKING BETWEEN GMIA - DMBR STN. LOCATED AT SM CABIN.
3. ~~UFSBI BLOCK PANEL WITH HASSDAC SINGLE LINE TYPE WORKING BETWEEN GMIA – BKRO STN LOCATED AT SM CABIN.~~
4. ALL ANGLE OF X- ING ARE 1 IN 12 EXCEPT AS MENTIONED.
5. CONTROL TELEPHONE PROVIDED AT SM CABIN.
6. LED SIGNAL PROVIDED FOR ALL SIGNALS.
7. THIS SIP HAS BEEN MADE IN CONNECTION WITH DOUBLING OF B.G. LINE BETWEEN DUMRI BIHAR AND BOKARO THERMAL SECTION.
8. THIS SIP SUIT 25KV-AC TRACTION AREA.
9. 60 SEC TIME DELAY PROVIDED FOR ALL CALLING ON RECEPTION SIGNALS.
10. VIDE RLY BOARD LNO. 2010/SAFETY (A&R)/19/23, DATED:-02.11.12 ITEM NO. 'C' INTEGRATED POWER SUPPLY TO BE PROVIDED.
11. MAGNETO TELEPHONE PROVIDED IN BETWEEN SM'S ROOM AND GATE NO.-10/SPL & 11/SPL/T.
12. POINT 61 WILL NORMALLY BE LOCKED IN NORMAL POSITION UNLESS UNLOCKED BY SPECIAL SLOT BUTTON SW-61.
13. ROAD SIDE SIGNALS FOR GATE NO.-10/SPL & 11/SPL/T TO BE PUT BACK TO DANGER WHEN SLIDING BOOM IS USED TO CLOSED ROAD TRAFFIC
14. SINGLE LINE TOKEN LESS BLOCK INSTRUMENTS WITH BOKRO THERMAL LOCATED AT PANEL ROOM (EPM DIADD TYPE)

1,2,5,6,7,8,9,10,11,12,13,14,19,20.
C-1,C-20.
51,52,53,54,55,56,57,58,61,62,63,64,65,66.
CH-1,CH-2,CH-3,CH-4,CH-5,CH-6,CH-7,CH-8,
CH-11,CH-12,CH-13,CH-14,CH-15,CH-16.
105,106,107,108,109,110,111,112,113,114.
201,202,204,205,207,209.
G-31
P-71
SW-61

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

DETAILS OF L.C. GATES (GMIA-BKRO SECTION)

SL. NO.	L.C. NO.	M OR UM	LOCATION	CLASS	TELEPHONE CONN. FROM STN.	TVU
1.	8/C/E	M	44.978	C	BKRO/EC	10593/JAN-14
2.	9/C/E	M	45.885	C	BKRO/EC	28507/JAN-14
3.	10/P/E	M	47.134	B	GMIA/EC	49245/JAN-14
4.	11/SPL/T	M	48.567	SPL	GMIA/WO	61936/MAY-17

DETAILS OF L.C. GATES (GMIA-DMBR SECTION)

SL. NO.	L.C. NO.	M OR UM	LOCATION	CLASS	TELEPHONE CONN. FROM STN.	TVU	REMARKS
1.	11/SPL/T	M	49.334	SPL	GMIA/WO	35985/JAN-14	
2.	13/C/E	M	52.145	C	DMBR/EC	72819/MAY-17	
3.	14/C/E	M	53.323	C	DMBR/EC	62419/MAY-17	LHS
4.	15/C/E	M	54.090	C	DMBR/EC	36479/MAY-17	SANCTIONED
5.	16/C/E	M	54.866	C	DMBR/EC	31419/FEB-14	

ASPECT CONTROL CHART UP DIRECTION

19 — 336M(MIN) — 5 — 1498M(MIN) — 1

ASPECT CONTROL CHART DN DIRECTION(SOUTH LINE)

D-20 — 1000M(MIN) — 20 — 1447M(MIN) — 6 — 434M(MIN) — 2

AT GATE LODGE OF 11/SPL/T

CONTROLLED BY G-31

EKT 'B' EMERGENCY KEY — (ARMATURE REMOVED) SEALED & LOCKED

EKT 'B' — KEY 'B' TO COME OUT FROM EKT 'A'

EKT 'B' — KEY 'B' TO COME OUT FROM EKT 'B' AFTER BOOM LOCKING AND CLOSING DETECTION CONTACTS

GATE OPEN SWITCH — GATE CLOSED SWITCH — GATE COMMON SWITCH

AT PANEL ROOM

ALL CRANK HANDLE WELDED WITH KEY

CH-1 CRANK HANDLE FOR PT51	CH-2 CRANK HANDLE FOR PT52	CH-3 CRANK HANDLE FOR PT53	CH-4 CRANK HANDLE FOR PT54	CH-5 CRANK HANDLE FOR PT55	CH-6 CRANK HANDLE FOR PT56	CH-7 CRANK HANDLE FOR PT57	P-71 SIDING KEY FOR P-71 WARD (S)
CH-8 CRANK HANDLE FOR PT58	CH-11 CRANK HANDLE FOR PT61	CH-12 CRANK HANDLE FOR PT62	CH-13 CRANK HANDLE FOR PT63	CH-14 CRANK HANDLE FOR PT64	CH-15 CRANK HANDLE FOR PT65	CH-16 CRANK HANDLE FOR PT66	

VDU DETAILS

MAIN SIGNAL
CALLING - ON SIGNAL
POINTS
CRANK HANDLE CONTROL
SHUNT SIGNAL
GATE CONTROLLED
SIDING CONTROL
SLOT BUTTON

TO GOMOH
(AT KM 00.00)
NEXT BLOCK STN.:
BOKARO THERMAL (AT KM 42.930)
(5.671 KM FROM GOMIA)

AUTHORITY OF WORK : PB ITEM NO. 46 OF 2015-16
THIS SIP SUPERCEDED PREVIOUS SIP NO.- ECR/SIP/DHN/264/2004 ALT-VIII

CENTRAL PANEL (E.I)
SIGNAL INTERLOCKING PLAN
MACLS, CLASS-B,STD-II(R)

गोमिया
GOMIA

SIGNALLING PLAN NO. ECR/SIP/DHN/ 264/2016

DT: 08.07.18

SL NO.	SPECIAL INSTRUCTION / APPROVED SPECIAL INSTRUCTION — INSTRUCTION	ISSUED BY	AUTHORITY	REMARKS	ALT	DESCRIPTION	REFERENCE	JE/DRG /C/MHX	SSE/S /C/MHX	DSTE/C /MHX	DY.CSTE/C /S/MHX	CHECKED BY / COUNTER SIGNED BY / APPROVED BY	CRS SANCTION NO. & DATE	DATE OF COMM.
1.	UNDER THE PROVISION OF GR-PARA 3.40(1)(b) ADEQUATE DISTANCE HAS BEEN RECKONED FROM THE STARTER FOR THE FOLLOWING NHL	CRS/E CIRCLE		TO BE OBTAINED	I	PROVISION OF L.C. GATE NO.10/SPL/E & 9/B/E AND MERGER OF SIGNAL S-2 WITH GATE SIG.SL-2 & DISTANT SIG OF S2 WITH GATE SIG SL-1	1. DY.CSTE/CON/DHN/3 LETTER NO.- 56/CON/ S&T/DRG/09 Dated- 26/04/19 2. EXISTING SIP OF GOMIA PLAN NO ECR/SIP/DHN/264/ 2004							
2.	UNDER THE PROVISION OF GR-PARA 3.40(4) D/SWITCH AS SUBSTITUTE FOR ADEQUATE DISTANCE HAS BEEN RECKONED FROM THE STARTER FOR THE FOLLOWING	CRS/E CIRCLE		TO BE OBTAINED	II	COMPLIANCE OF CRS OBSERVATION VIDE LETTER NO-NIL DATED-18-7-19, SAFETY 9/CTE CORRECTED AS 9/SIE.	TO SUIT ESP NO- CES DRG NO- Y-46-2017 ALT-3 & GATE CHART SR. DEN DHN LETTER DATED- 04.06.19							
a.	SIG.NO. 6 ON UP/DN LINE NO.-3 FOR RECEPTION OF DN TRAIN TOWARDS TEMP. ENGG. SDG. UPTO 51AT WITH TS 54-71 NORMAL.													
b.	SIG.NO. 8 ON UP/DN LINE NO.-2 FOR RECEPTION OF DN TRAIN TOWARDS SIDING UPTO 8/10T1 WITH TS 53 NORMAL.													
c.	SIG.NO. 10 ON UP/DN LINE NO.-1 FOR RECEPTION OF DN TRAIN TOWARDS SIDING UPTO 8/10T1 WITH TS 53 NORMAL.				III	NEXT BLOCK INSTRUMENT CHANGED WITH BOKARO THERMAL STN.	AS PER DY.CSTE/C/DHN/ LETTER NO-SAFT/CON/ DHN/MISC DT. 27.9.19.							
d.	SIG.NO. 11 ON UP/DN LINE NO.-2 FOR RECEPTION OF UP TRAIN TOWARDS SHUNTING NECK UPTO 11/13T1 WITH TS 66 NORMAL.				IV	COMPLETION OF DRAWING	—							
e.	SIG.NO. 13 ON UP/DN LINE NO.-1 FOR RECEPTION OF UP TRAIN TOWARDS SHUNTING NECK UPTO 11/13T1 WITH TS 66 NORMAL.				V	CLOSURE THE GATE- NO-8/C(AT KM 44.319) 9/B/E(AT KM 45.888) & 10/SPL/E(AT KM 47.174) IN BKRD-GOMIA SECTION IN LIEU OF CONSTRUCTION OF FLYS.	TO SUIT ESP NO- CES DRG NO- Y-46-2017 ALT-4							
3.	UNDER THE PROVION OF GR PARA 3.07(7)-DN ADV. STR OF GOMIA S-2 MERGED WITH DN DIST. GATE SIG.(SL-2) AND DN GATE HOME(SL-1) MERGED WITH UP GATE HOME SIG.(SL-1) MERGED WITH UP DIST. OF GOMIA.	CRS	GR PARA 3.07(7)	TO BE OBTAINED	VI	CLOSURE OF L.C. GATE NO-8/C(AT KM 44.319) D/B(R) AT KM-52.866 INLIEU OF CONSTRUCTION OF FOB.	i) DC/BOKARO LETTER NO-183.S DT-10/07/2019 ii) SR DSTE/DHN/ LT NO-SG-662/11 DT-11/08/2021 iii) CES DRG NO- Y-46-2017(ALT-5)							
4.	UNDER THE PROVISION OF G.R. PARA 3.47 FOR TAKING OFF SIGNALS FOR MORE THAN ONE TRAIN AT A TIME OR SIMULTANEOUS RECEPTION OF TRAINS THE INTERLOCKING & THE LAYOUT OF GOMIA YARD PERMITS AND SHALL BE DONE AS PER DETAILS OF DIVISION MENTIONED IN SWR.	COM/ECR HQP		OBTAINED										

	CHECKED BY			DRAWN BY	C.R.S. SANCTION NO.	SCALE
	(B. K. SINGH) DY.CSTE / C / S / MHX	(GAUTAM GUPTA) DSTE / CON / MHX	(V. K. SINGH) ASTE / CON / MHX	(A. M. TIWARY) SSE/SIG/C/MHX	(RANJEET KUMAR) SSE/DRG/C/MHX	DATE :- 30/08/19 COMPLETED ON 20/10/2019 BASED ON - CE'S DRG. NO.- Y-46-2017(ALT-2)

APPROVED BY	COUNTER SIGNED BY			
(Parwati R Mishra) CE/ECR/HQ FOR CSTE/ECR/HQ	(RAJESH KUMAR) CSTE/C/S/MHX	(SANJAY KUMAR) CTPM/ECR/HQ FOR COMECR/HQ	(AADHAR RAI) Sr.DOM/DHN	(AJIT KUMAR) Sr.DSTE/DHN	(AMRENDRA SINGH) DY.CSTE/C/DHN

पूर्व मध्य रेलवे
धनबाद मंडल
EAST CENTRAL RAILWAY
DHANBAD DIVISION