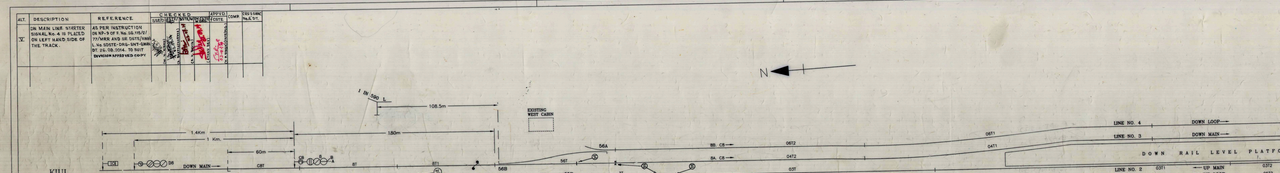
ALT.	DESCRIPTION	REFERENCE	CHECKED			APPROVED	COMP	CHG. CARD No. & SIG.
X	ON MAIN LINE WHITES SIGNAL No. 4 IS PLACED ON LEFT HAND SIDE OF THE TRACK.	AS PER INSTRUCTION IN NR S-W-T No. 28 (R) DT. 17/8/2010 AND NR. S(ST)/NRS/*/04 SDG15-CRS-DET-SIGNAL DT. 26.08.2014. TO RDSO SIGNAL APPROVED CRS-DYN						



CRANK HANDLES ARE AT PANEL ROOM	
CRANK HANDLE	POINT NO.
CH1	51.
CH2	52. 53.60
CH3	54.
CH4	55.
CH5	56.

PANEL ROOM

1. MAIN SIGNAL BUTTONS :- 1. 2. 3. 4. 5. 6. 7. 8
2. POINT CONTROL BUTTONS :- 51. 52. 53. 54. 55. 56. 60
3. SHUNT SIGNAL BUTTONS :- 31. 32
4. GATE CONTROL BUTTON :- G-31
5. CRANK HANDLE CONTROL BUTTON :- CH1. CH2. CH3. CH4. CH5.

ALT.	DESCRIPTION	REFERENCE	CHECKED			APPROVED	COMP	CHG. CARD No. & SIG.
III	UPGRADATION OF L.C. GATE No. 26 FROM 'B' CLASS TO 'A' CLASS DUE TO NOT CROSSING. D-297-2010.	CETE'S ORDER VIDE R. No. 21.07 X. No. 68. MUZ. VIII-2E. 17. DT. 17.12.2010 AND SDG/S&T. 5.3.04. SDG15/S&T. 19-26-E-4.						
IV	RE. WORKS WITH 25 K.V. AC TRACTION INTRODUCE	ELECTRIFICATION OF RAN-DDT PHASE-II. -DET. ISST. AS PER RR. No. 17/2/2010 No. OF 5210-11.						

ASPECT SEQUENCE CHART

DOWN MAIN	UP MAIN
DD 0 1Km. 4 R36°2W. 2 490 M. 3	7 2.2Km. 3 R54°4 M. 2 1Km. D1
G — G — G — G — Y — YY — YWU	G — G — G — G — Y — YWU — YY

SL. NO.	SPECIAL INSTRUCTIONS / APPROVED SPECIAL INSTRUCTIONS				
	INSTRUCTIONS	AUTHORITY	ISSUED BY	DATE	REMARKS
1.	THE NEW LINE STARTS FROM NR. 6 IS PLACED ON RIGHT HAND SIDE OF THE TRACK.	G.R. 3.04(1).	C.O.M.	18-10-07	TO SCR/DISPENSATION FY-22. DISPENSATION TO BE WITHDRAWN.

ALT. NO.	DESCRIPTION	REFERENCE	CHECKED			APPROVED	COMP	CHG. CARD NO. & SIG.
I	2* MAIN LINE STR. S-16 NR. 6 IS PLACED ON R.H.S. OF THE TRACK	DY. C.S. T.E.(W)/NW.3 & NR. S-16 (T.T. NORT) DRG. DT. 24.07.07.						
II	1) PANEL ROOM FLOOR ELEVATED. 2) C.L.S. MODIFIED. 3) BAC SHOWN FOR UP MAIN (SGSM) AND DN. MAIN (TTI). 4) BOX TYPE METAL BRIDGE.	DE CSTE/W/SIG/*6 (Tech. Sp/W 237/MR) DRG. 01-15-04-09.						

NOTE :-

1. ABSOLUTE BLOCK SYSTEM OF WORKING WITH CHATRA AND BANSLOI BRIDGE STATIONS.
2. BLOCK PROVING AXLE COUNTER PROVIDED ON UP DIRECTION WITH CHATRA AND BANSLOI BRIDGE STATIONS. BLOCK PROVING AXLE COUNTER PROVIDED WITH BLOCK INSTRUMENT LOCATED AT PANEL ROOM AND CONNECTED WITH CHATRA AND BANSLOI BRIDGE.
3. THE TRACK DEVICE OF AXLE COUNTER WILL BE PLACED AT THE EXTREME END OF BLOCK OVERLAP.
4. THE MINIMUM DISTANCE BETWEEN TRACK DEVICE OF AXLE COUNTER AND INSULATION JOINT OF TRACK CIRCUIT IN THE DIRECTION OF TRAIN MOVEMENT SHALL BE AS PER PARA NO. 17.4.3.5 OF SGM PART II.(T.T. ANNEX. NO. 1) SIG/PRINCIPLE 3/02.
5. CONTROL TELEPHONE PROVIDED AT PANEL ROOM.
6. MAGNETO TELEPHONE PROVIDED AT PANEL ROOM AND CONNECTED WITH ADJ. STATIONS.
7. UNLESS OTHERWISE SPECIFIED THE ANGLE OF CROSSINGS ARE ALL 1 IN 12.
8. ALL POINTS ARE MOTOR OPERATED EXCEPT OTHERWISE INDICATED.
9. KEY LOCK, EMERGENCY KEY LOCK & BOOM LOCKING PROVIDED AS PER DRG. NO. S.1-06878.

(N.B.) LAMPS ARE PROVIDED FOR ALL SIGNALS.

(N.B.) EXISTING SIGNAL LOCATION PLAN SHOWNAGES.

(N.B.) "GRAT" RELAY SHALL BE PROVIDED WHERE TRACK CIRCUIT LENGTH IS MORE THAN 350 M.

SUPERSEDES PREVIOUS SIGNALLING PLAN NO.S.1.07694/182 UPTO ALT.I

	APPROVED	CHECKED			DRAWN	APPROVED BY DIVISION	SCALE
EASTERN RAILWAY	Y. M. S.				CRS SARC No.6/14/III 01/754/H. DATE:-18-10-2007.	VIDE I.C.STE/W/SIG/*6 (Tech. Sp/W 237/MR) DT.- 28.07.2009	LONGITUDINAL :- 1 Cm. = 10m. TRANSVERSE :- 1 Cm. = 4.8m
HOWRAH DIVISION	FOR CHIEF SIGNAL & TELECOM ENGINEER DATE:- 17-08-07	01/754/H. DATE:-18-10-2007.	APPR. V.P.S.I.	SIG/TR			

BASED ON S.P. NO. S.I-07694/182 UPTO ALT-I & TO SUP CETE ORD. NO. V-200-2007 REPLACEMENT OF SIGNALLING GEARS WITH CENTRALISED OPERATION OF POINTS & SIGNALS ON "B" ROUTE VIDE C.S. ITEM NO. 156 OF 2005-06

3D Description/DRN. SIGN/DRN/AUDRAN/TIP. MURARAI SUPERVISER PLAN

SIGNALLING PLAN (PANEL INTERLOCKING) MACL. CLASS B STD III

MURARAI

S.I 07810/182

CHIEF OPERATIONS MANAGER