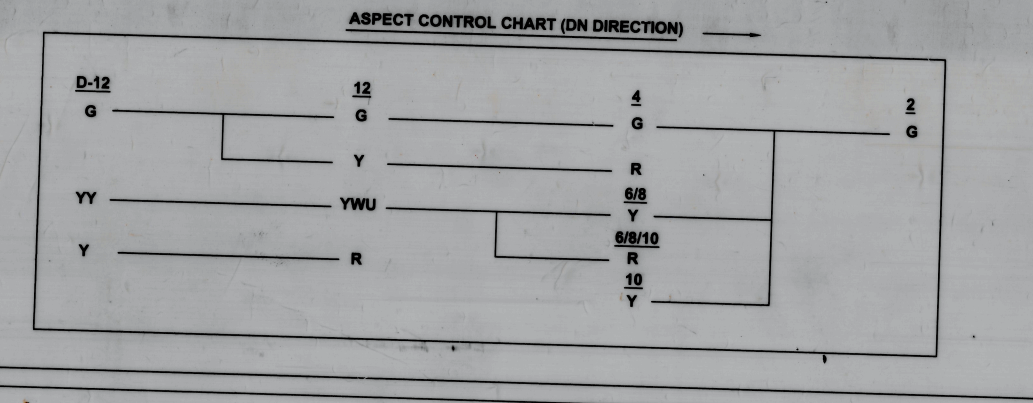
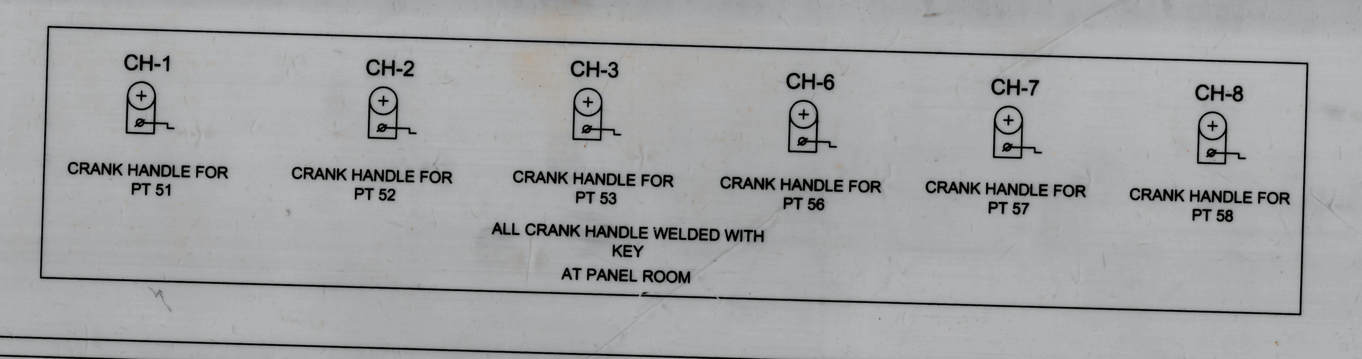
SPECIAL INSTRUCTION / APPROVED SPECIAL INSTRUCTION

SL.NO.	INSTRUCTION	ISSUED BY	AUTHORITY	REMARKS
1.	UNDER THE PROVISION OF GR PARA 3.40(1)(b): ADEQUATE DISTANCE OF 120M HAS BEEN RECKONED FROM THE STARTER FOR THE FOLLOWING SIGNALS:- (a) SIG.NO. 5 FOR COMMON LOOP LINE NO. 1 FOR RECEPTION OF UP TRAIN TOWARDS SANDHUMP (b) SIG.NO. 7 FOR COMMON LOOP LINE NO. 3 FOR RECEPTION OF UP TRAIN TOWARDS SANDHUMP (c) SIG.NO. 9 FOR COMMON GOODS LINE NO. 4 FOR RECEPTION OF UP TRAIN TOWARDS SANDHUMP (d) SIG.NO. 6 FOR COMMON LOOP LINE NO. 1 FOR RECEPTION OF DN TRAIN TOWARDS SANDHUMP (e) SIG.NO. 8 FOR COMMON LOOP LINE NO. 3 FOR RECEPTION OF DN TRAIN TOWARDS DEAD END. (f) SIG.NO. 10 FOR COMMON GOODS LINE NO. 4 FOR RECEPTION OF DN TRAIN TOWARDS DEAD END.	C.R.S/ E. CIRCLE/ KOLKATA		

ALT	DESCRIPTION	REFRENCE	CHECKED BY	COUNTER SIGNED BY	APPROVED BY	CRS SANCTION NO. & DATE	DATE OF COMM.
I	COMPLETION DRAWING MADE (NO CHANGE)	DY. CSTE/CON /MHX'S L.No. ECR/S&T/CON /DRAWING				5/83/VIII/4/STE /H(4) DTD. 17/02/14	7/02/15
II	i) EXISTING SIGNALLING INSTALLATION TO MODIFY TO SUIT 25 KV AC TRACTION ii) NOTE NO. 9 ADDED.	VIDE DY.CSTE(RE)/ ...					
III	PROVISION OF SINGLE LINE USS BLOCK PANEL WITH HASSDAIN BETWEEN PIPRADIH-BARHI STATION	VIDE ... ECR/DHN/T NO-SG 662/1					





PANEL DETAILS

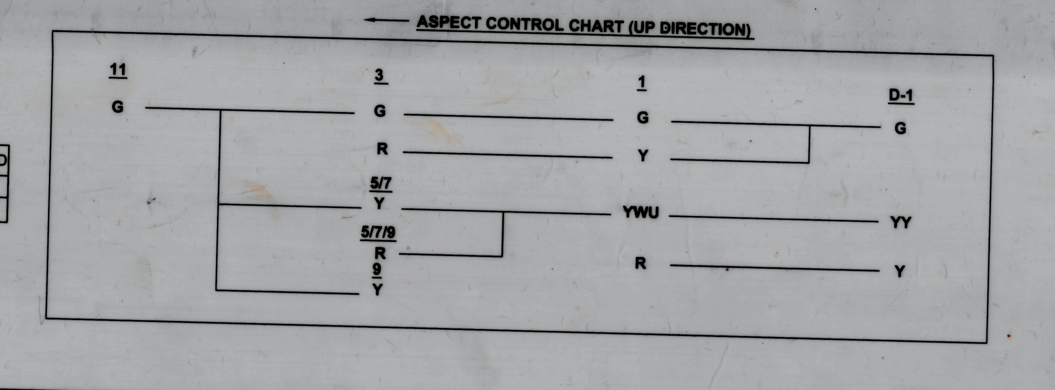
MAIN SIGNAL BUTTONS	1,2,3,4,5,6,7,8,9,10,11,12
CALLING - ON SIGNAL BUTTONS	C-1, C-12
SHUNT SIGNAL BUTTONS	106,107,108,109,110,201,202
POINT BUTTONS	51,52,53,56,57,58
CRANK HANDLE CONTROL BUTTONS	CH-1,CH-2,CH-3,CH-6,CH-7,CH-8

NOTE :-

1. ABSOLUTE BLOCK SYSTEM OF WORKING WITH KODERMA AND BARHI STN.
2. SINGLE LINE TOKEN LESS BLOCK INSTRUMENT WORKING WITH KODERMA AND BARHI STN.
3. ALL ANGLE OF X-INGS ARE 1 IN 12 EXCEPT AS MENTIONED.
4. CONTROL TELEPHONE PROVIDED AT PANEL ROOM.
5. AXLE COUNTER PROVIDED FOR LAST VEHICLE VERIFICATION & INTERLOCKED WITH BLOCK INSTRUMENT.
6. LED SIGNAL PROVIDED FOR ALL MACL SIGNALS.
7. TRACK NO 1T & 2T AND 11T & 12T STAGGERED BY 1.82M.
8. THIS SIP HAS BEEN MADE IN CONNECTION WITH NEW B.G. LINE FROM KODERMA TO RANCHI.
9. THE SIGNALLING INSTALLATION IS SUITABLE FOR 25 KV A.C. TRACTION.
10. PROVISION OF SINGLE LINE USS BLOCK PANEL WITH HASSDAIN IN BETWEEN PIPRADIH–BARHI STATION

L-XING DETAILS

SL.NO.	END	NEXT BLOCK STN.	LC NO.	TYPE OF LC	MANNED/UNMANNED
1.	KODERMA	KODERMA (AT KM 7.80)	NIL	NIL	NIL
2.	RANCHI	BARHI (AT KM 14.60)	NIL	NIL	NIL



पूर्व मध्य रेलवे
धनबाद मंडल
EAST CENTRAL RAILWAY
DHANBAD DIVISION

APPROVED BY	COUNTER SIGNED BY		CHECKED BY				C.R.S. SANCTION NO.
(SHYAM LAL PRASAD) CSTE/Pig/HJP	(NEERAJ AMBASTHA) CTPM /ECR /HJP	(P.S. RAI)	(A.K. AMBASTHA)	(S.N.S. SHARMA)	(R.K.SINGH)	(M.K.SINHA)	NO. & DATE :-
FOR CSTE/ECR/HJP	FOR COM / ECR / HJP	CSTE/C/S/MHX	DY CSTE/C/S/MHX	SSTE / CON / MHX	ASTE / CON / MHX	SSE / S / C / MHX	COMPLETED ON:-

SCALE
LONGITUDINAL : 1CM = 10M
TRANSVERSE : 1CM = 5 M
BASED ON : CE'S DRG. NO. - Y-20-2012.

CENTRAL PANEL
SIGNAL INTERLOCKING PLAN
MACL, CLASS- 'B' STD-II(R)

AUTHORITY OF WORK :- PB ITEM NO-9 OF 2008-09

पिपराडीह
PIPRADIH

SIGNALLING PLAN NO. ECR / SIP/ DHN/459/2013.

PREPARED BY SHREE TRADING BAILY ROAD