NOTE:-

1. ABSOLUTE BLOCK SYSTEM OF WORKING WITH DEMU AND CHETAR STATIONS.
2. DOUBLE LINE LOCK & BLOCK INSTRUMENT MSW/HWH TYPE WITH DEMU & ~~CHETAR~~ STATION LOCATED AT PANEL ROOM.
3. CONTROL PHONE PROVIDED AT PANEL ROOM.
4. L.V. PROVING AXLE COUNTERS PROVIDED FOR RICHUGHUTA DEMU SECTION AND RICHUGHUTA CHETAR SECTION IN BOTH UP LINE AND DN LINE.
5. ANGLE OF CROSSINGS ARE INDICATED.
6. ~~MAGNETO TELEPHONES ARE PROVIDED BETWEEN SM PANEL ROOM AND LC NO.29/C/2E~~
7. AXLE COUNTER PROVIDED IN LINE No. 5 (GOODS LINE).
8. ~~MOTOR OPERATED ELECTRIC LIFTING BARRIER & SLIDING BOOM AT LC GATE No-29/B2/2E AT KM 201/35-202/1.~~
9. ~~ROAD SIGNAL DISPLAY RED ASPECT AT LC GATE No-29/B2/2E WHEN SLIDING BOOM IS USED TO CLOSE THE ROAD TRAFFIC.~~

PANEL DETAIL

MAIN SIGNALS :-1,2,3,4,5,6,8,9,10,12
CALLING-ON SIGNALS :-C-1, C-10
POINTS ;- 51,52,53,~~54~~, 55, 56, 57, 58, 59.
CRANK HANDLE CONTROL BUTTONS:-CH-1, CH-2 , CH-3, ~~CH-4~~, CH-5, CH-6,CH-7, CH-8.
SIDING CONTROL:- P-71,P-72,
SHUNT SIGNALS:- 103.105.202,
~~GATE CONTROL BUTTON - G-31~~

IBH ASPECT CONTROL CHART
D-12 G ------ G S-12
Y ------ R

SPECIAL INSTRUCTION / APPROVED SPECIAL INSTRUCTIONS

SL.NO:	INSTRUCTIONS	ISSUED BY	AUTHORITY	DATE	REMARKS

ALT	DESCRIPTION	REFERENCE	CHECKED	APPROVED& DATE	DATE OF COMM.	CRS'S SANC NO & DATE
IX	COMPLIANCE OF CRS OBSERVATION:- (i) ASPECT CONTROL CHART IBH-12 SHOWN. (ii) GRADIENTS UPTO 1.6 KM ON EITHER SIDE OF IBH SHOWN. (iii) CHAINAGE OF IB STOP SIGNAL SHOWN. (iv) BACKING BOARD IS PROVIDED	VIDE SR.DSTE/DHN/LT. NO-SG.662/1/PT-VIII DT-30.06.20 (ii) CRS LETTER NO-6/37/VIII/20/199 DT-11.06.20.	SSE/S SSE/D Ranishankar 16.07.2020 ASTE/D&D SSTE/D&D DY.CSTE/WRI 2020	24.7.2020 RISHI GUPTA CSTE/PLG/ECR	CTPM/ECR	
VIII	PROVISION OF IBH-12 BETWEEN RICHUGHUTA-CHETAR. (i) PROVISION OF UFSBI BLOCK PANEL WITH HASSDAC BETWEEN RICHUGHUTA-CHETAR.	VIDE SR.DSTE/DHN/LT. NO-SG.662/1/PT-VIII, DT-27.08.2019 (ii) CE'S DRG NO-Y-74-2019	SSE/S 25.11.19 ASTE/D&D Ranishankar 26.11.19 SSTE/D&D DY.CSTE/W&D	16.12.19 (RISHI GUPTA) PCSTE/ECR/HJP	CTPM/ECR	
VII	PROVISION OF ELECTRIC LIFTING BARRIER & SLIDING BOOM AT INTERLOCKED L.C GATE NO-29/B2/2E AT KM 201/35-202/1.	VIDE SR.DSTE/DHN/ECR/LT-NO-SG.662/1/PT-VIII, DT-21/2/2017.	JE/D 22.2.17 DY.CSTE/W&D DY.CSTE/D&D	(JAGMOHAN RAM) CSTE/PLG/ECR f.CSTE/ECR/HJP	f.COM/ECR	
VI	PROVISION FOR EXTENTION OF DN LOOPLINE AS CAL 730.00M & CHANGE OF CHAINAGE OF POINT NO-57, 58, & 59 AS PER APPROVED ESP.	(i) TO SUIT CE's DRG NO-Y-12-2006 (ALT-IV) (ii) VIDE SR. DSTE (CO-ORD & TELE) ECR/DHN/L.NO-SG.662/1/PT-VIII DT-05.02.2016.	SSE/S JE/D ASTE/D&D SSTE/D&D DY.CSTE/D&D			
V	UPGRADATION & INTERLOCKING OF LEVEL CROSSING GATE NO-29/C/2E FROM CLASS 'C' TO 'B2' IN BETWEEN CTO-RCGT AT KM 201/35-202/1 (201.900).	VIDE SR.DSTE/DHN/L.NO-SG.662/1/PT-VIII, DT-23.07.2015 & CE'S DRG NO-D-19-2015	SSE/S JE/D ASTE/D&D-I SSTE/D&D DY.CSTE/D&D			
ALT	DESCRIPTION	REFERENCE	CHECKED	APPROVED& DATE	DATE OF COMM.	CRS'S SANC NO & DATE
I	PRIVATE SDG. AT CH: 305 TO 546 AT NORTH SIDE OF BRKA END IS TO BE DISMANTLED. NOW GOODS LINE (PVT. SIDING M/S M&M LTD) TO FACILATED FULL RAKE.	(i) DY. CSTE/W/DHN. LETTER NO. SG.662/1/CON/PT.-II DATE 25.5.07 (ii) C.E'S DRG. NO. C.E's-Y-12-2006 ALT.-II	JE/S/HJP ASTE/D&D SSTE/D&D DY.CSTE/D/HJP	(S.K.BISWAS) CSTE/PROJECT f CSTE/ECR/HJP		
II	PROVISION OF SHUNT SIGNALS TOWARDS BRWD END FOR BANKERS MOVEMENT.	SR. DSTE/DHN'S L.NO. SG 662/1/PT-VIII DT. 13.12.10.	SE/DRG SE/SIG SSTE/D&D DY.CSTE W&D 27.12.10	(राम कृपाल) CSTE/PLG f.CSTE/ECR/HJP	f.COM/ECR CTPM	
III	(i) CORRECTION IN CAL/CSL, CH. OF POINTS & FM AS PER EXISTING AT SITE. (ii) STD OF INTERLOCKING CHANGED. iii) CAL & CSL OF LINE NO-1 TO 5 & MINERAL SIDING CORRECTED.	(i) TO SUIT C.E'S DRG-NO-Y-12-2006 ALT-3. (ii) SR.DSTE LETTER NO-SG-662/1/PT-VIII DT-21.09.12.	SSE/DRG 11.10.12 SSE/SIG 11.10.12 A.B. Singh 05.11.12 ASTE/D&D SSTE/D&D DY.CSTE W&D 06.11.12	(S.L.PRASAD) CSTE/TELE&PLG. f.CSTE/ECR/HJP		
IV	COMPLIANCE OF CRS OBSERVATION FOR PROVISION OF DEAD SHUNT SIGNAL IN PLACE OF STOP BOARD TOWARDS BRWD END	(i) SR.DSTE(CO-ORD & TELE)/DHN, L.NO.-SG.662/1/PT-VIII DATED-31-10-2013. (ii) CRS/KKK, L.NO:-16/A/10/VIII/13/292/H, DATED-10-09-2013	SSE/S SSE/D A.B. Singh 26.11.13 ASTE/D&D SSTE/D&D DY.CSTE/D&D 26.11.13	26.11.13 (S.L.PRASAD) CSTE/PLG, f.CSTE/ECR/HJP		

APPROVED	PREPARED BY-		APPROVED	CHECKED						DRAWN.	C.R.S. SANCTION	SCALE			SIP No.
30.5.07 (S.K.NAYAK) CTPM. f COM/ECR/HJP.	IT SYSTEMS, PATNA-14	E. C. RAILWAY पू.म. रेल DHANBAD DIVISION	P.N. Khanna CCE 15/3/07 (P.N. KHANNA) f CHIEF SIGNAL & TELECOM.ENGINEER/E.C.R./HJP	15.03.07 DY.CSTE/W/DESIGN/HJP	14/03/07 S.S.T.E./D&D/HJP	19/03/07 A.S.T.E./D&D/HJP	S.E./SIG/HQ/HJP	S.S.E./SIG/DRG/HJP		JE-II/DRG	NO.16/A/10/VIII/07/156/H DATE:- 05-07-07 DATE OF COMM: 24-07-07	LONGITUDINAL:- 1cm = 10m. TRANSVERSE :- 1cm = 5m.	CENTRAL-PANEL SIGNAL INTERLOKING PLAN (MACL. CLASS-B. STD-~~III~~) II(R) TO SUIT C.E.'S DRG. NO. Y-12-2006 (ALT-1)	रिचुघुटा RICHUGHUTA	ECR/SIP/DHN/745/2007