TO RAJGIR
NEXT STN JETHIAN AT KM. 24.30
(AT KM. 11.90 FROM S.B.)
~~DN~~ UP
1400M
1000M
60M
180 M
120 M
D12
S12
C12
C-12T
12T
11T
S-11
011T
BR.NO.- 54B (1x3.50M)BOX FL AT 35.65KM
POINT 54B CH: 494.400M
POINT 54A CH: 395.137M
POINT 53B CH: 374.40M
POINT 53A CH: 275.137M
(CH. 400 m. FROM S.B.) CH: 35.6KM FL - 118.132
SAND HUMP
7T
3T
5T
07T
05T
03T
RAIL LEVEL PASSENGER PLATFORM (350.00Mx6.00M)
C&L 806.137M (CSR. 770 m)
C&L 720.00M (CSR. 686 m)
C&L 806.137M (CSR. 770 m)
℄ OF STATION BUILDING ~~JAGDISHPUR~~ ORO ALT-I
AT KM. 36.20 (FROM RAJGIR)
CH. 0.000
AT KM. 89.20 (FROM BKP)
AT KM. 587.34 (FROM HWH)
S.B.
5.30M
BR.NO.- 54D ROAD UNDER BRIDGE CH. 220M
TO BASTIBIGHA
TO JAGDISH PUR VILLAGE ROAD
LOOP 1
COMMON LINE (1L)
LOOP 2
04T
06T
08T
6T
4T
2T
02T
1T
N
POINT 52A CH: 411.00M
POINT 52B CH: 510.126M
POINT 51A CH: 531.00M
POINT 51B CH: 630.263M
BR.NO.- 54C (1x1.5M) R.C.C. BOX CH. 555.00M
CH: 36.8KM (CH-600M FROM S.B.)
S-2
S1
C1
C-1T
D1
TO TILAIYA
NEXT STN TILAIYA KM. 45.981
AT KM. 9.681 FROM S.B.
~~UP~~ DN

SL.NO.	INSTRUCTION	ISSUED BY	AUTHORITY	REMARKS
	UNDER THE PROVISION OF GR PARA 3.40 (1)(b) ADEQUATE DISTANCE OF 120M HAS BEEN RECKONED FROM THE STARTER FOR THE FOLLOWING SIGNAL.	C.R.S/E. C.C.		
(a)	SIGNAL NO.5 FOR LOOP NO-2 FOR THE RECEPTION OF UP TRAIN UP TO SAND HUMP			
(b)	SIGNAL NO.6 FOR LOOP NO-1 FOR THE RECEPTION OF DN TRAIN UP TO SAND HUMP.			
(c)	SIGNAL NO.8 FOR LOOP NO-2 FOR THE RECEPTION OF DN TRAIN UP TO SAND HUMP.			
(d)	SIGNAL NO.7 FOR LOOP NO-1 FOR THE RECEPTION OF UP TRAIN UP TO SAND HUMP.			

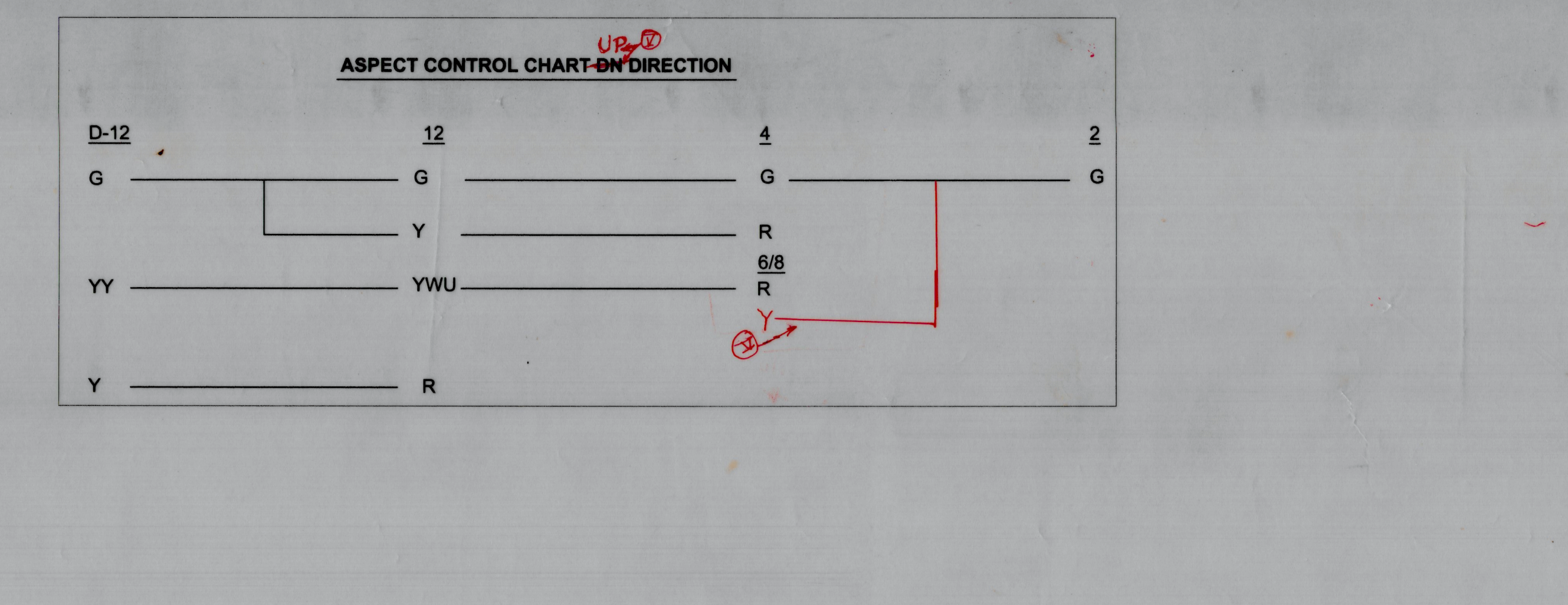
ALT	DESCRIPTION	REFRENCE	CHECKED BY			APPROVED BY				CRS SANCTION NO. & DATE
			SE/S/C/MHX	ASTE/C/MHX	DSTE/C/MHX	DY.CSTE/C/MHX	CSTE/C/MHX	COM/HJP	CSTE/HJP	
I	(a) COMPLETION DRAWING MADE (b) CHANGE OF NAME OF 'JAGDISHPUR' STN. AS 'ORO'.	CE's drg no— (b) DIRECTOR/WORKS-II/RAILWAY BOARD's L.NO.-98/W-2/NL/E/VOL-II, DT. 28.06.2010	M.K. Sinha 20/08/10 (M.K. SINHA)	(A.K. TIWARY)	(R.N. SHARMA)	23/08/10 (A.K. GUPTA)	—	—	—	14/2/VIII/10/628/HL(S), DT. 16/03/10 DATE OF COMMISSIONING - 15/04/10.
II	I) CHANGE OF PANEL INTERLOCKING TO ELECTRONIC INTERLOCKING. II) PROVISION OF UFSBI BLOCK PANEL WITH HASSDAC WORKING BETWEEN: (a) ORO - TILAIYA. (b) ORO - JETHIAN.	I) DY.CSTE/C/S/MHX/PATNA, L.NO:-ECR/S&T/CON/DRAWING, DT- 30/09/2016. II) FERRO BLUE PRINT SIP APPROVED BY CSTE/C/S/MHX ON DT- 30/09/2016 III) CSTE/C/S, L.NO ECR/MHX/CON/DRWG/DNR, DT- 25/10/2016	SSE/S JE/D	13.10.16 ASTE/D&D	SSTE/W&D	13/10/16 DY.CSTE/DRD-III		18/10/16 F.COM/ECR	(JAGMOHAN RAM) CSTE/PLG/HJP	
III	DELETION OF ALT-II(i) i.e. RETENTENTION OF P.I.	CSTE/C/S/MHX NOTE NO- ECR/S&T/CON/PRS DATE- 29/8/19	SSE/S/C/M SSE/D/C/M	ASTE/C/M	(N.SHARMA) DSTE/C/MHX	29/8/19 (VIKRANA RAM) DY.CSTE/C/D&D/MHX		(S.KUMAR) CTPM/ECR/HJP f.com/ECR	(RAJESH KUMAR) CSTE/C/S/MHX	
IV	DETAILS OF LEVEL CROSSING GATES IN TABULAR FORM, TIA-ORO SIDE.	AS PER DY.CSTE/C/DNR/ LETTER NO- SG/CON/DNR/DRG/19 DATED 13/12/19 TO SUIT ESP CE DRG NO- Y-136-2017 ALT-I	SSE/S/C/MHX SSE/D/C/MHX	ASTE/C/MHX	DSTE/C/MHX	24/11/19 (VIKRANA RAM) DY.CSTE/C/D&D/MHX	24/12/19 (MANISH SHARMA) CSTE/C/S/MHX	27/12/19 (SANJAY KUMAR) CFTM/ECR/HJP f.com/ECR	30/12/19 (MANISH SHARMA) CSTE/C/S/MHX	
V	COMPLETION DRAWING MADE	/	08.5.20 SSE/S/C/MHX 08.05.20 SSE/D/C/MHX	ASTE/C/MHX	DSTE/C/MHX	8/5/2020 (VIKRANA RAM) DY.CSTE/C/D&D/S/MHX	(MANISH SHARMA) CSTE/C/S/MHX	/	11/5/2020 (MANISH SHARMA) CSTE/C/S/MHX	
VI	SHIFTING OF TELEPHONE CONNECTION OF LC GATE NO: 10'C', 11'C', 12'C' & 13'C' FROM TILAIYA TO ORO STATION	I) SR.DSTE/DNR, L.NO: SG/DRG/DNR, DT: 04/01/2021 II) ESP NO: Y-15-2004, ALT-2	21.1.21 SSE/S SSE/D	21.1.21 ASTE/D&D	25.1.21 ASTE/D&D	27/1/21 DY.CSTE/W&D		29.1.21 F/COM/HJP	1.2.21 (RISHI GUPTA) CSTE/PLG/HJP	

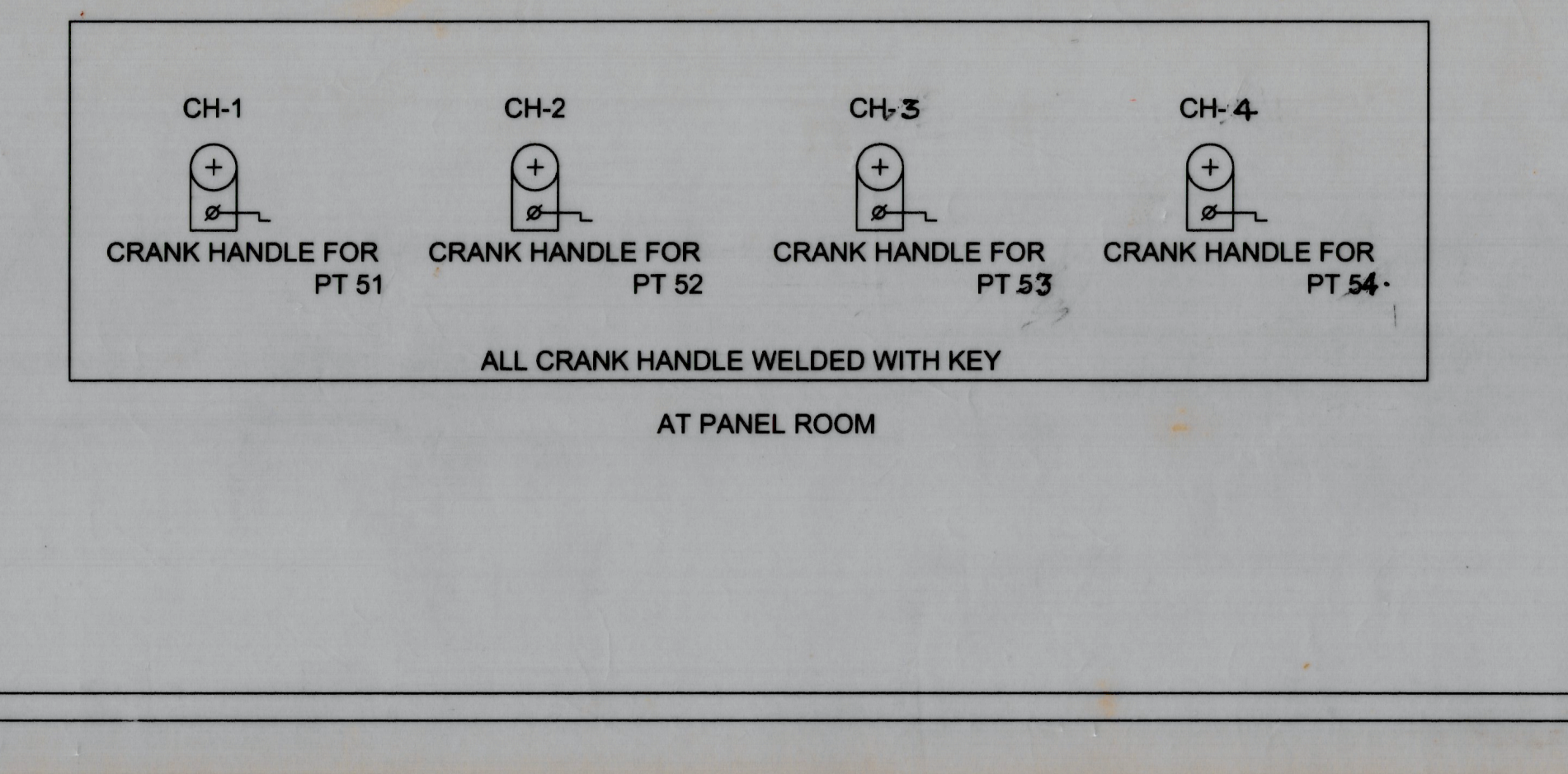
12/05/08

L-XING BETWEEN B/SECTION (TIA-ORO) ⑭

SL NO.	L.XING KM	M/UM	BLOCK SECTION	TELE CONNECTION WITH STATION
1. 10C	37.617	M	TIA-ORO	~~TIA~~ ORO
2. 11C	39.605	M	TIA-ORO	~~TIA~~ ORO
3. 12C	40.812	M	TIA-ORO	~~TIA~~ ORO
4. 13C	42.162	M	TIA-ORO	~~TIA~~ ORO
5. 14C	43.99	M	TIA-ORO	TIA
6. 15C	44.62	M	TIA-ORO	TIA
7. 16C	45.019	M	TIA-ORO	TIA

ASPECT CONTROL CHART ~~DN~~ UP DIRECTION


D-12
12
4
2
G
Y
YY
YWU
R
6/8
Y


CH-1
CH-2
CH-3
CH-4
CRANK HANDLE FOR PT 51
CRANK HANDLE FOR PT 52
CRANK HANDLE FOR PT 53
CRANK HANDLE FOR PT 54
ALL CRANK HANDLE WELDED WITH KEY
AT PANEL ROOM

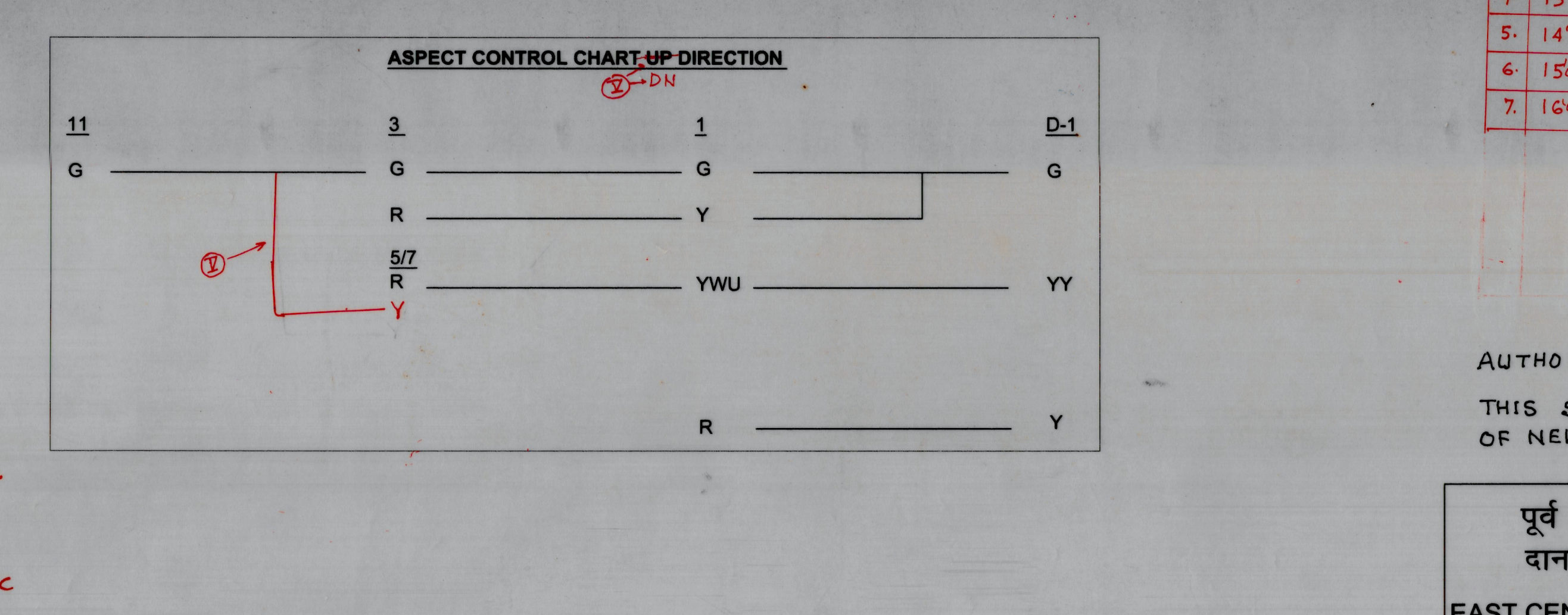
~~PANEL~~ ~~E.I~~ PANEL DETAILS

MAIN SIGNAL BUTTONS	1.2.3.4.5.6.7.8.11.12
CALLING - ON SIGNAL BUTTONS	C-1,C-12
POINT BUTTONS	51.52.53.54.
CRANK HANDEL CONTROL BUTTONS	CH-1,CH-2,CH-3,CH-4.
SPARE BUTTONS	9, 10.

NOTE :-

1. ABSOLUTE BLOCK SYSTEM OF WORKING WITH TILAIYA & JETHIAN.
2. ~~SINGLE LINE TOKENLESS BLOCK INSTRUMENT WORKING WITH TILAIYA & JETHIAN SITUATED IN PANEL ROOM.~~
3. ALL ANGLE OF X- ING 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. TRACT CKT. NO. 1T & 2T, TRACT CKT. NO. 11T & 12T STAGGERED BY 1.82M.
8. UFSBI BLOCK PANEL WITH HASSDAC SINGLE LINE TYPE BLOCK INSTRUMENT WORKING TILAIYA & JETHIAN.
9. ~~TWO VDU (ONE STAND BY) PROVIDED FOR PANEL OPERATION IN LIEU OF CONTROL CUM INDICATION PANEL.~~
9. MAGNETO TELEPHONE PROVIDED BETWEET PANEL ROOM & LC GATE No: 10'C', 11'C', 12'C' & 13C

ASPECT CONTROL CHART ~~UP~~ DN DIRECTION


11
3
1
D-1
G
R
5/7
Y
YY
YWU
R
Y

AUTHORITY OF WORK:- P.B. ITEM NO. 6 OF 2001-2002.

THIS SIP MADE IN CONNECTION WITH CONSTRUCTION OF NEW B.G. RAIL LINE BETWEEN RAJGIR TO TILAIYA.

पूर्व मध्य रेल दानापुर मंडल EAST CENTRAL RAILWAY DANAPUR DIVISION	COUNTER SIGNED BY		APPROVED BY	CHECKED BY				C.R.S. SANCTION NO.	SCALE	~~CENTRAL PANEL~~ PANEL ~~ELECTRONIC~~ INTERLOCKING PLAN ~~SIGNAL INTERLOCKING PLAN~~ (MACL, CLASS-B, STD-III)	ओड़ो ORO ALT-I ~~जगदीशपुर~~ ~~JAGDISHPUR~~	SIGNALLING PLAN NO. ECR / SIP/ DNR/320/2007
	19.3.08 (S.K.NAYAK) CTPM/HJP	17/3/08 (RAM KRIPAL)	17/3/08 CSTE/PLG	17.3.08	15/03/08.	14.3.08		DATE :-	LONGITUDINAL : 1CM = 10M TRANSVERSE : 1CM = 5 M			
	FOR COM / ECR / HJP	CSTE / C/ MHX	CSTE / ECR / HJP	DY.CSTE / CON / MHX	DSTE / CON / MHX	DSTE / CON / MHX	JE / S / CON / MHX	COMPLETED ON	BASED ON - CE. DRG. NO.- Y-09-2004		PREPARED BY - SKYLARK ENTERPRISES KHAGAUL, PATNA	