KATARI-SIP-DNR-2020

TO ISLAMPUR (IPR)
(AT Km. 16.900 FROM KATARI)
NEXT CROSSING STATION KHUDAGANJ
(10.930 Km. FROM KATARI STN.)
℄ OF KATARI STATION BUILDING
Km.:-16.900 FROM ISLAMPUR
(CH:0.00M)
N
UP
DN
S.B.
HIGH LEVEL PLATFORM 550.0M LONG 6.0M WIDE
HIGH LEVEL PLATFORM 550.0M LONG 11.6M WIDE
COMMON LOOP
MAIN LINE
LINE-1
LINE-2
LINE-3
120.0M OVER RUN LINE
(NO STABLING)
120.0M(MIN)
180.0M(MIN)
1000.0M(MIN)
1400.0M
65.0M
TO NATESAR (NES)
(AT Km. 21.007 FROM IPR)
NEXT CROSSING STN. NATESAR
(AT Km. 4.107 FROM KATARI STN)
C/L BRIDGE NO.- 27(1X45.70M STEEL GIRDER (RUB)
C/L BRIDGE NO.- 28(10X18.30M COMPOSITE GIRDER)
C/L BRIDGE NO.- 29 (1X4.0M RCC BOX)
C/L BRIDGE NO.- 30(1X2.0M RCC BOX)
C/L BRIDGE NO.- 31 (2X5.5M RCC BOX RUB)
C/L BRIDGE NO.- 31A (1X2.0M RCC BOX)
C/L BRIDGE NO.- 33 (1X2.0M RCC BOX)
C/L BRIDGE NO.- 34 (1X5.5M RCC BOX) RUB
C/L BRIDGE NO.- 35 (1X2.0M RCC BOX)
D-12
C-12
S-12
S-11
D-1
C-1
S-1
S-2
LEVEL
R 1 IN 1200
R 1 IN 200
R 1 IN 404

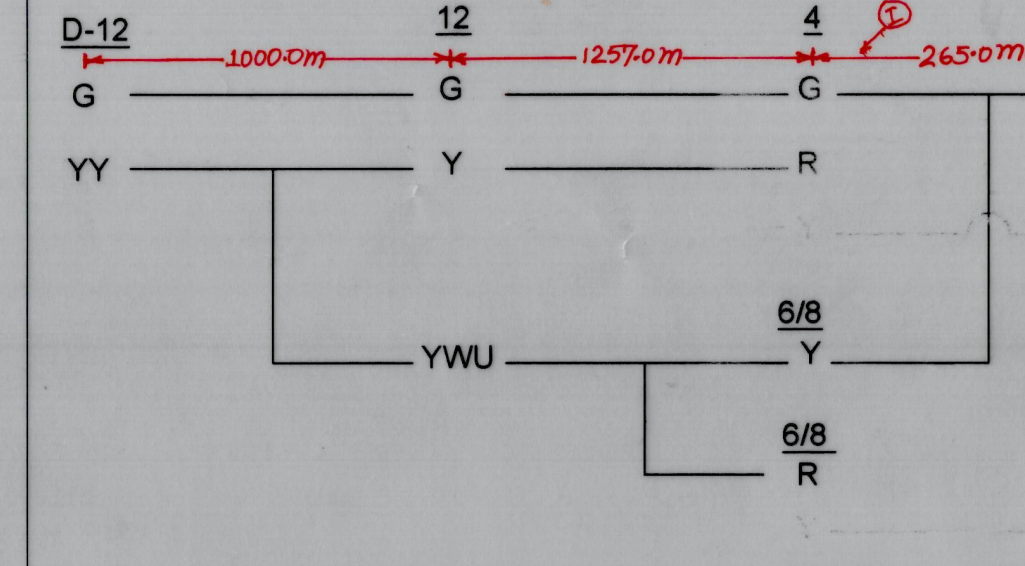
SL.NO.	INSTRUCTION	ISSUED BY	AUTHORITY	REMARKS
1	DISPANSATION FOR SIMULTANEOUS MOVEMENT UNDER THE PROVISION OF GR PARA 3.47 - TAKING 'OFF' SIGNALS FOR FOR MORE THAN ONE TRAIN AT A TIME.	COM ECR/HJP		TO BE OBTAINED.

ALT	DESCRIPTION	REFRENCE	CHECKED BY SSE/DRG C/MHX	CHECKED BY SSE/SIG C/MHX	CHECKED BY ASTE/C/MHX	CHECKED BY DSTE/C/MHX	CHECKED BY DY CSTE/C/D&D/S/MHX	COUNTER SIGNED CSTE/C/S/MHX	COUNTER SIGNED CFTM/ECR/HJP	APPROVED BY CSTE/C/S/MHX f. CSTE / ECR./ HJP	CRS SANCTION NO.&DATE	DATE OF COMM.
I.	COMPLIANCE OF CRS OBSERVATION.	CRS/E.CIRCLE/KKK L.NO.-16/A/90/VIII/20/156 DT. DATED. 30-05-2020	10.6.20 B.P. GOND	11.6.20 A.M. TIWARI	R.L. PANDIT	11/6/2020 N. SHAMS	11/6/2020 VIKRAMA RAM			11/6/2020 (MANISH SHARMA)		
II	COMPLETION DRAWING MADE		SSE/D/C/MHX	9.10.20 SSE/S/C/M	ASTE/C/MHX	9/10/20 (NEHAL SHAMS) DSTE/C/MHX	9/10/20 (VIKRAMA RAM) DY. CSTE/C/D/S/MHX			12/10/2020 (MANISH SHARMA) CSTE/C/S/MHX	NO-16/A/90/VIII/20/288 DATE - 07.07.20	10.07.20

L-XING DETAILS BETWEEN KATARI - KHUDAGANJ

S.NO.	L.C. NO.	~~KM~~ Km (FROM KQR)	M/UM	BLOCK-SECTION	TELEPHONE CONNECTED WITH STN
NIL					

ASPECT CONTROL CHART (DN. DIRECTION) ⟶


D-12
12
4
2
1000.0m
1257.0m
265.0m
G
YY
Y
R
YWU
6/8
Y
6/8
R

SR. NO.	OVER LAP CONTROL TABLE (IN UP DIRECTION) SIG. NO.	OVER LAP UP TO
1.	SIG. NO. - S-3/5/7	OVER LAP M/LINE UP TO ADVANCE STARTER S-11.
2.	SIG. NO. - S-5	TOWARDS DEAD END.
3.	SIG. NO. - S-7	TOWARDS DEAD END.

AT PANEL ROOM

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

VDU DETAILS

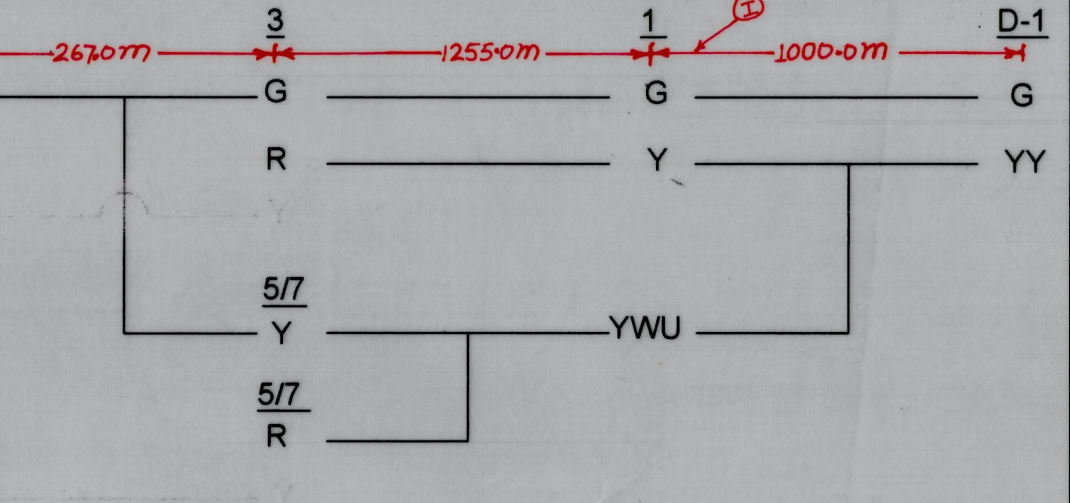
MAIN SIGNAL	1, 2, 3, 4, 5, 6,7, 8, 11,12.
CALLING - ON SIGNAL	C-1, C-12
POINT	51, 52, 53, 54.
CRANK HANDEL CONTROL	CH-1,CH-2,CH-3,CH-4,
SHUNT SIGNAL CONTROL	103,104,105,106,107,108, 201, 202 .

NOTE :-

1. ABSOLUTE BLOCK SYSTEM OF WORKING WITH NATESAR & KHUDAGANJ.
2. UFSBI BLOCK PANEL WITH HASSDAC SINGLE LINE TYPE WORKING BETWEEN KATARI - NATESAR & KATARI- KHUDAGANJ STN. LOCATED AT SM- ROOM.
3. ALL ANGLE OF X- ING ARE 1 IN 12 EXCEPT AS MENTIONED IN SIP.
4. VIDE RLY. BOARD L NO. 2010 SAFETY (A&P) /19/23 DATED 02.11.2012 ITEM NO.-'C' INTEGRATED POWER SUPPLY TO BE PROVIDE.
5. LED SIGNAL PROVIDED FOR ALL MACL SIGNALS
6. THIS SIP HAS BEEN MADE IN CONNECTION WITH CONSTRUCTION OF NEW BG RAIL LINE BETWEEN ISLAMPUR - NATESAR SECTION.
7. 60 SEC. TIME DELAY PROVIDED FOR ALL CALLING-ON RECEPTION SIGNALS.
8. TWO VDU (ONE STAND BY) PROVIDED FOR PANEL OPERATION IN LIEU OF CONTROL CUM INDICATION PANEL.
9. THIS SIP SUITABLE TO SUIT 25KV AC RE TRACTION AREA.
10. TRACK CKT 4T IN FOULING WHEN PT. 51 IN REVERSE.
11. TRACT CKT 3T IN FOULING TRACK WHEN PT 53 IN REVERSE.
12. AUTOMATIC MEDIA CHANGOVER PROVIDED FOR BLOCK PANEL UFSBI.
(I)→13. FM INPLANTED AT 5.3M TRACK CENTRE

SR. NO.	OVER LAP CONTROL TABLE (IN DN DIRECTION) SIG. NO.	OVER LAP UP TO
1.	SIG. NO. - S-4/6/8	OVER LAP M/LINE UP TO ADVANCE STARTER S-2.
2.	SIG. NO. - S-6	TOWARDS DEAD END.
3.	SIG. NO. - S-8	TOWARDS DEAD END.

⟵ ASPECT CONTROL CHART (UP DIRECTION)


11
3
1
D-1
2670m
1255.0m
1000.0m
G
R
Y
YY
5/7
Y
YWU
5/7
R

L-XING DETAILS BETWEEN KATARI - NATESAR

S.NO.	L.C. NO.	~~KM~~ Km (FROM KQR)	M/UM	BLOCK-SECTION	TELEPHONE CONNECTED WITH STN
NIL					

APPROVED BY

30.6.2020
(RISHI GUPTA)
CSTE/PLG/HJP
FOR CSTE/ECR/MHX

THIS SIP SUPERCEDED PREVIOUS SIP NO. ECR/SIP/DNR/526/2016.
AUTHORITY OF WORK-P.B.ITEM NO. 08 OF 15-16

पूर्व मध्य रेल दानापुर मंडल EAST CENTRAL RAILWAY DANAPUR DIVISION	COUNTER SIGNED BY			CHECKED BY							C.R.S. SANCTION NO. 16/A/90/VIII/20/288	SCALE	CENTRAL PANEL (E.I) SIGNAL INTERLOCKING PLAN MACLS , CLASS-'B' ,STD.- II (R)	कटारी KATARI (II)→(KTRI)	SIGNALLING PLAN NO. ECR/SIP/DNR/526/2020
	19/02/2020. (MANISH SHARMA) CSTE / C / S / HJP FOR CSTE / ECR/ MHX	14/2/20 (DILIP KUMAR) CPTM/ECR/HJP FOR COM / ECR / HJP	13/02/2020. (MANISH SHARMA) CSTE / C/ S/MHX	---- sd. ---- (VINEET KUMAR) SR. DOM / DNR	---- sd. ---- (M.K. SRIVASTAV) SR. DSTE / DNR	13/02/2020 (VIKRAMA RAM) Dy. CSTE/C/S/D&D/ MHX	13/2/2020 (NEHAL SHAMS) DSTE / CON / MHX	(R.L. PANDIT) ASTE / CON / MHX	(SHIMLA KUMARI) SSE / S / C / MHX	12.02.20 (O.P. GOND) SSE / DRG / C / MHX	DATE:- 07.07.2020 COMPLETED ON 10.07.20	LONGITUDINAL : 1CM = 10M TRANSVERSE : 1CM = 5 M			

BASED ON - CE DRG. NO. - Y-57-2016 (ALT-I)

DT:-10.02.2020