℄ OF PHAPHRAKUND(PPKD) STATION BUILDING

KM 144.240 (FROM GHD)
(CH:0.00)

UP | DN

TO SINGRAUL(AT KM 188.70)
NEXT BLOCK STN.:
MAGARDAHA
(6.81 KM FROM PHAPHRAKUND)

TO CHOPAN
(AT KM 61.40)
NEXT BLOCK STN.:
OBRA
(8.35 KM FROM PHAPHRAKUND)

HIGH LEVEL PLATFORM (650X11.5=748)

HIGH LEVEL PLATFORM (650.000-3.096=646.904)

P.F. NO.-1

P.F. NO.-2

P.F. NO.-3

P.F. NO.-4

BR. NO.-19 SPAN
(1X 30.48M) GIRDER
CH: 143.880

BR. NO.-18 SPAN
(1X 30.48M) GIRDER
CH: 143.940

BR. NO.-17 SPAN
(1X 30.48M) GIRDER
CH: 144.000

BR. NO.-20 SPAN
(1X 30.48M) GIRDER
CH: 144.060

BR. NO.-21 SPAN
(1X 30.48M) GIRDER
CH: 144.120

BR. NO.-22 SPAN
(1X 30.48M) GIRDER
CH: 144.180

BR. NO.-23 SPAN
(1X 30.48M) GIRDER
CH: 144.240

OVER RUN LINE CAL-DOWN
NO STABLING

OVER RUN LINE CAL-UP
NO STABLING

DETAILS OF L.C. GATES (PPKD - MAIF SECTION)

SL NO.	LC NO.	M-SR (M)	LOCATION	CLASS	TELEPHONE (DIRECTION) FROM STN.	THU
NIL						

DETAILS OF L.C. GATES (PPKD - OBRA SECTION)

SL NO.	LC NO.	M-SR (M)	LOCATION	CLASS	TELEPHONE (DIRECTION) FROM STN.	THU
NIL						

SPECIAL INSTRUCTION / APPROVED SPECIAL INSTRUCTION

SI NO.	INSTRUCTION	ISSUED BY	AUTHORITY	REMARKS
1.	UNDER PROVISION OF SR PARA 3.04(1), PLACING OF FIXED SIGNAL IN RIGHT HAND FOR THE FOLLOWING SIGNALS. 1. UP DIRECTION - SIGNAL NO. 2 TOWARDS UP DIRECTION. 2. DN DIRECTION - SIGNAL NO. 1 TOWARDS DN DIRECTION.	COM		TO BE DETAILED
2.	AS PER SR PARA 2.01 TRACKS HAVE BEEN MADE MORE THAN ONE TRACK AT A TIME			75 SEP 2018

CHECKED BY

DESCRIPTION	REFERENCE	BRIDGE INSPECTOR	BRIDGE ENGINEER	SI (I/C) SIG/TRD	CTTI/CP	ADEN/DY.CHIEF ENGINEER
PROVISION OF SIX SIDE PALLAT UP RAH SIDE	SE-SIG/2009/ GUIDE & LINE DIAGRAM/ DATED 23.09.2019 & SE-SIG/2009/ DATED 23.09.2019					
CONSTRUCTION OF ONE ADDITIONAL 5TH TRACK BETWEEN PPKD-MAF SECTION	RLY BOARD LETTER NO. 2016/CE-I/CT/1 DATED 14.10.2016 & ECR/CON/GAD/ 0005/2016-17 DATED 20.12.2016					
ELECTRONIC INTERLOCKING BETWEEN PPKD-MAF SECTION	RLY BOARD LETTER NO. 2016/CE-I/CT/1 DATED 14.10.2016 & ECR/CON/GAD/ 0005/2016-17 DATED 20.12.2016					
CONSTRUCTION OF ONE ADDITIONAL 5TH TRACK BETWEEN PPKD-MAF SECTION	RLY BOARD LETTER NO. 2016/CE-I/CT/1 DATED 14.10.2016 & ECR/CON/GAD/ 0005/2016-17 DATED 20.12.2016					
PROVISION OF SIX SIDE PALLAT UP TO PPKD SIDE PLATF.	SE-SIG/2009/ GUIDE & LINE DIAGRAM/ DATED 23.09.2019 & SE-SIG/2009/ DATED 23.09.2019					
COMPLETION DRAWING MADE						

COUNTER SIGNED BY

DESCRIPTION	REFERENCE	SI (I/C) SIG/TRD	CTTI/CP	ADEN/DY.CHIEF ENGINEER
PROVISION OF SIX SIDE PALLAT UP RAH SIDE	SE-SIG/2009/ GUIDE & LINE DIAGRAM/ DATED 23.09.2019 & SE-SIG/2009/ DATED 23.09.2019			
CONSTRUCTION OF ONE ADDITIONAL 5TH TRACK BETWEEN PPKD-MAF SECTION	RLY BOARD LETTER NO. 2016/CE-I/CT/1 DATED 14.10.2016 & ECR/CON/GAD/ 0005/2016-17 DATED 20.12.2016			
ELECTRONIC INTERLOCKING BETWEEN PPKD-MAF SECTION	RLY BOARD LETTER NO. 2016/CE-I/CT/1 DATED 14.10.2016 & ECR/CON/GAD/ 0005/2016-17 DATED 20.12.2016			
CONSTRUCTION OF ONE ADDITIONAL 5TH TRACK BETWEEN PPKD-MAF SECTION	RLY BOARD LETTER NO. 2016/CE-I/CT/1 DATED 14.10.2016 & ECR/CON/GAD/ 0005/2016-17 DATED 20.12.2016			
PROVISION OF SIX SIDE PALLAT UP TO PPKD SIDE PLATF.	SE-SIG/2009/ GUIDE & LINE DIAGRAM/ DATED 23.09.2019 & SE-SIG/2009/ DATED 23.09.2019			
COMPLETION DRAWING MADE				

APPROVED BY

APPROVED BY	COUNTER SIGNED BY	CHECKED BY		DRAWN	C.R.S. SANCTION NO.	SCALE	
पूर्व मध्य रेल ECR EAST CENTRAL RAILWAY DHANBAD DIVISION	DIVISIONAL RAILWAY MANAGER DHANBAD FOR DRM	SR. DEN (C) DHANBAD FOR CONCERNED	SR. DEN (OPTG) DHANBAD FOR CONCERNED	SR. DSO DHANBAD DY SIGNAL INSPECTOR	DY SIGNAL INSPECTOR DATE : 13.09.2019 DY SIGNAL INSPECTOR	RLY/CE(C)/DB_HQ/1/81/19 DATE : 19.09.2019 SECTION CHIEF	LONGITUDINAL : 1CM = 10M TRANSVERSE : 1CM = 5 M COMPLETED ON : 30.12.21

AUTHORITY OF WORK : FR-709 (K) 30 OF 2019-20
THIS SR SUPERCEDES PREVIOUS SR NO. E/SIG/PPKD/DRAW/0018

SIGNALLING PLAN NO. E/SIG/PPKD (DRW) 2019/0018

CENTRAL PANEL (E) SIGNAL INTERLOCKING PLAN MACLS, CLASS-B STD-I(E)

फफराकुड
PHAPHRAKUND

PHASE - I DOUBLE LINE TOWARDS MAGARDAHA (ENC) & SINGLE LINE TOWARDS OBRA (ENC)

ASPECT CONTROL CHART UP DIRECTION

ASPECT CONTROL CHART UP DIRECTION

OVERLAP CONTROL TABLE (UP DIRECTION)

SLNO	SIGNAL NO.	OVERLAP SET UP
1.	SIGNAL D-12	SIGNAL OVERLAP TOWARDS SAHO HOME
2.	SIGNAL W-YY	SIGNAL OVERLAP UPTO ADV STN SIGNAL

AT SM ROOM

CH-1	CH-2	CH-5	CH-7
CRANK HANDLE FOR PT51	CRANK HANDLE FOR PT52	CRANK HANDLE FOR PT55	CRANK HANDLE FOR PT57

ALL CRANK HANDLE WELDED WITH KEY

VDU DETAILS

MAIN SIGNAL: 1,2,3,4,5,6,11,12
CALLING - ON SIGNAL: C-12 C
POINT: 51,52,55,57
CRANK HANDLE CONTROL: CH-1,CH-2,CH-5,CH-7
SHORT SIGNAL: 183,184,188,189,200,202
DEAD SHUNT SIGNALS: 301,999

NOTE :-

1. ABSOLUTE BLOCK SYSTEM OF WORKING WITH MAGARDAHA & OBRA STATION.
2. ONE BLOCK PANEL WITH HARDWIRE DOUBLE LINE TYPE WORKING BETWEEN PPKD - SIDE & SINGLE LINE TYPE WORKING BETWEEN PPKD-OBRA STN. LOCATED AT SM CABIN.
3. ONE VDU AT SM CABIN FOR ROUTE SETTING/CANCELLATION/HOTKEYS.
4. CONTROL TELEPHONE PROVIDED AT SM CABIN.
5. LED SIGNAL PROVIDED FOR ALL SIGNALS.
6. ONE NO. 2 MAIN LINE CUM LOOP LINE WITH CENTRAL RAIL ENDIRELL COUPLING PROJECT.
7. 52E1 T.N. FROM PPKD SIDE AND 52T1 T.N. FROM OBRA SIDE.
8. 1 NO. TRIPPER COIL ON TRACTION WIRE.
9. 1 NO. TRIPPER COIL ON TRACTION WIRE CALLING ON RECEPTION SIGNALS.
10. TWO YELLOW STAND BY PROVIDED FOR EVERY POINT, OPERATION IN CASE OF CONTROLLED CUM INDICATION PANEL.
11. ONE NO. 2 MAIN LINE CUM LOOP LINE WITH CENTRAL RAIL ENDIRELL COUPLING PROJECT.
12. BLOCK AHEAD SHOT IS BEING WITH HANDAL DOUBLE LINE TYPE WORKS BETWEEN PPKD - MAF.

DETAILS OF OVERLAP CONTROL TABLE (UP DIRECTION)

SLNO	SIGNAL NO.	OVERLAP SET UP
1.	SIGNAL D-12	SIGNAL OVERLAP TOWARDS SAHO HOME
2.	SIGNAL W-YY	SIGNAL OVERLAP UPTO ADV STN SIGNAL