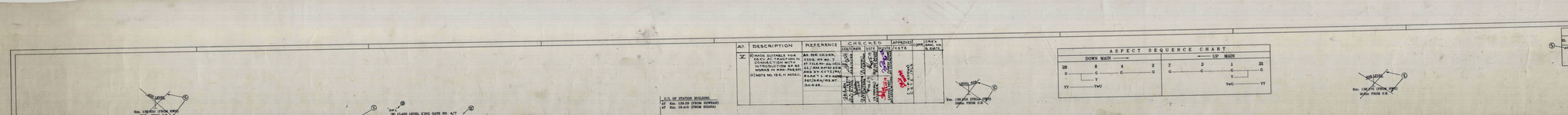

ALT	DESCRIPTION	REFERENCE	CHECKED DESIGN/ARR	DATE	DATE	APPROVED OPTG/ENGG	DATE	CRS's GANG NO. & DATE
	4) MADE SUITABLE FOR 25KV AC TRACTION IN VIEW OF PROPOSED INTRODUCTION OF 25 KV AC TRACTION IN NORTH EASTERN REGION. 5) INSTA NO. 18 S.V. ADDED.	AS PER ORDER, V.DIS. RY. NO. 7 AT FAX NO. 25/1011 DT. 25.3.2003 AND AS PER ORDER AT FAX NO. 25/1011 DT. 24.4.2003 AND SAT/ORG/03 DT. 3.4.03.						

SPECIAL INSTRUCTIONS / APPROVED SPECIAL INSTRUCTIONS					
SL. NO.	INSTRUCTIONS	AUTHORITY	ISSUED BY	DATE	REMARKS
1.	UP COMMON LOOP STARTER IS PLACED ON RIGHT HAND SIDE OF THE TRACK.	G-R.3-04(C)	CSE/E.R.	01.8.04	CSTE/S.&T. DO LETTER NO. SGN 272/2004 DTD. 01.08.04

NOTE :-

1. ABSOLUTE BLOCK SYSTEM OF WORKING WITH NAGAGHANI AND PICHHORIWAL.
2. BLOCK PROVING AXLE COUNTER PROVIDED ON UP MAIN LINE WITH NAGAGHANI AND PICHHORIWAL. BLOCK PROVING AXLE COUNTER INTERLOCKED WITH BIRHALINE BLOCK INSTRUMENT LOCATED AT PANEL ROOM AND CONNECTED WITH NAGAGHANI AND PICHHORIWAL.
3. THE MINIMUM DISTANCE BETWEEN TRACK DEVICE OF AXLE COUNTER AND INSULATION JOINT OF TRACK CIRCUIT IN 1 KM. SHALL BE 2 METERS AND THE MAXIMUM IS 3 METERS. (REF. DT. 17.4.03 OF SIGN PART IV 27 SIGNAL ADD BY ALCAT 15 ON FITTING BUILT OF OTHER CIR.
4. CONTROL TELEPHONE PROVIDED AT PANEL ROOM.
5. MAGNETO TELEPHONE PROVIDED AT PANEL ROOM AND CONNECTED WITH L.C. GATE NO. 4/7.
6. ALL POINTS ARE MOTOR OPERATED EXCEPT CHAINMAN HOWRAH.
7. UNLESS OTHERWISE SPECIFIED THE ANGLE OF CROSSINGS ARE ALL 1 IN 12.
8. KEY LOCK, EMERGENCY KEY LOCK & BOOM LOCKING PROVIDED AS PER DRG. NO. S1-06678.
9. LED LAMPS ARE PROVIDED FOR ALL SIGNALS.
10. EXISTING SIGNAL LOCATIONS REMAIN UNCHANGED.
11. ALL TRACK CIRCUIT LENGTH ARE WITHIN 350 M.

ALT. NO.	DESCRIPTION	REFERENCE	CHECKED DESIGN/ARR	DATE	DATE	APPROVED OPTG/ENGG	DATE	COMP.	CRS GANG NO. & DT.
I.	6) R.I. TRACK CIRCUIT ADDED. 7) INCORPORATED 7/2 TRACK WITH DTS. 8) INSTA WHISTLES NO. 3 & 5 ADDED. 9) CALLING ON BUTTON DELETED.	VIDE DI DATE/NO/W&T L/Rly. Gen/C.I/Sig/Vol. Gen. Sr. No. 6.01							
II	1) UP COMMON LOOP STARTER IS PLACED ON R.H.S. THIS IS INADQUATE TRACK CIRCUITS. 2) TWO STARTERS AS ACTUAL AT SITE.	CSTE/PROJECTS BANGR 01.25.06.03 VIDE S.C.DET(C) WRM L/Rly. S&W STN/ WRD/Sig. Sanctn. 21.04.2003 AND CSTE/PROJ. Sig. No. V.18.2005.							
III	COMPLETION CERTIFICATE.	RS PRS LETTER NO. SGN 272/2004 DTD. 5.8.04 AND CSTE/S.&T. DO LETTER NO. SGN 272/2004 DTD. 01.08.04							
IV	L.C. NO.-4/7 AT Km.-173/2-2.0 BETWEEN SAHARSA & PIPRA STATION ON SAHARSA-MANSI SECTION. 7) CHANGE IN TS 75 TO 4.5 AND TS 9A/T OK'S 2H-6-B-2(E)-2(E)	CITE'S ORDER VIDE PH-284 DT 30.07.04 AND CSTE/S.&T. DO LETTER NO. SGN 272/2004 DTD. 01.08.04							

(A.K. SINGH) CTPM	EASTERN RAILWAY	APPROVED	APPROVED	CHECKED	GRAMS
CHIEF OPERATIONS MANAGER	HOWRAH DIVISION	FOR CHIEF SIG. & TELE. ENGG.	FOR CHIEF SIG. & TELE. ENGG.	CHIEF OPTG. MANAGER	

DATE 15.12.04

APPROVED BY DIVISION
Sr.C.S.T.E./K'GHPUR
DATE 15.12.04
SOR PTO/OBR/Pkg
DATED 30.06.04

SCALE
LONGITUDINAL :- 1 Cm. = 10m
TRANSVERSE :- 1 Cm. = 40m

SIGNALLING PLAN
(PANEL INTERLOCKING)
MAIN. CLASS B STD III

GUSKARA
गुस्कारा

S.I. 07696
169

BASED ON S.P. NO. S1-07696/168 UPTO ALT-4 & TO SUIT DETS DRG. NO. V-62-99 (ALT-1) PHASE-II (FINAL) REPLACEMENT OF SIGNALLING GEARS WITH CENTRALISED OPERATION OF POINTS & SIGNALS ON 1