APPROVED SPECIAL INSTRUCTIONS / SPECIAL INSTRUCTIONS

SNo	NATURE OF APPROVAL		APPROVAL No (CRS/PCOM)	REF. TO APPROVAL
*				

Eg:

* I. COMBINING TWO SIGNALS UNDER THE PROVISION OF G.R.3.07(7)– CRS APPROVAL
II. TAKING OFF SIGNALS FOR MORE THAN ONE TRAIN AT A TIME IN TERMS OF GR.3.47 – PCOM APPROVAL
III. PLACING OF STOP SIGNAL ON THE RIGHT HAND SIDE OF THE TRACK IN TERMS OF GR.3.04(1) – PCOM APPROVAL etc.

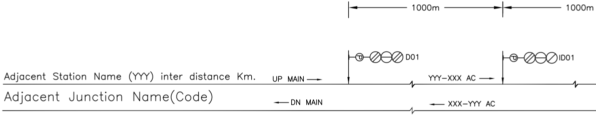
CONDONATION PARTICULARS OF EXISTING INFRINGING GRADIENTS

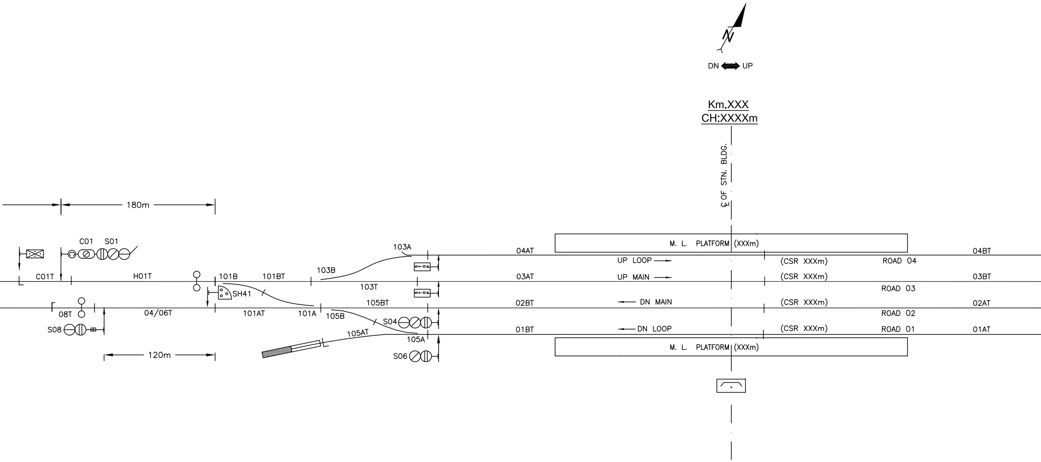
	LOCATIONS			NAME OF STRUCTURE INFRINGING	RAILWAY BOARD / CRS CONDONATION PARTICULARS
SNo	SECTION	KILOMETERAGE			
		FROM	TO		

PRODUCTION & CHECKER BLOCK

COMPANY		RAILWAYS	
DRAWN		DRAWN	(SSE/D)*
CHECKED	(SD)†	CHECKED	(ASTE)*
	(DV)†		(SSTE)*
APPROVED	(CRE)†	APPROVED	(Dy.CSTE)*
CRE: CONTRACTOR'S RESPONSIBLE ENGINEER			

* SIGNATURE WITH DATE, † SIGNATURE WITH DATE AND LICENSE No


1000m
1000m
D01
ID01
Adjacent Station Name (YYY) inter distance Km.
UP MAIN →
YYY–XXX AC →
Adjacent Junction Name(Code)
← DN MAIN
← XXX–YYY AC


DN UP
Km.XXX
CH:XXXXm
℄ OF STN. BLDG.
180m
C01
S01
C01T
H01T
101B
101BT
103B
103A
103T
SH41
08T
04/06T
101AT
101A
105B
105BT
S04
105AT
105A
S08
S06
120m
STOP
STOP
04AT
03AT
02BT
01BT
M. L. PLATFORM (XXXm)
UP LOOP
UP MAIN
DN MAIN
DN LOOP
(CSR XXXm)
(CSR XXXm)
(CSR XXXm)
(CSR XXXm)
ROAD 04
ROAD 03
ROAD 02
ROAD 01
M. L. PLATFORM (XXXm)
04BT
03BT
02AT
01AT

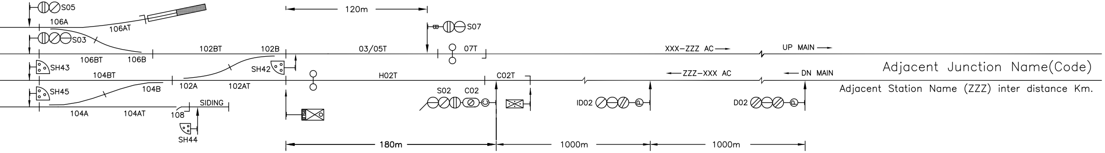
ASPECT SEQUENCE CHART

UP →

D01	ID01	S01	S03	S07
G	G	G	G	G
	YY	Y		
	YY	Yu		
YY	Y	R	R	R

← DN

S08	S04	S02	ID02	D02
G	G	G	G	G
		Y	YY	
		Yu	YY	
R	R	R	Y	YY


S05
106A
106AT
S03
106BT
106B
102BT
102B
120m
S07
03/05T
07T
XXX–ZZZ AC
UP MAIN
SH43
104BT
SH42
H02T
C02T
ZZZ–XXX AC
DN MAIN
Adjacent Junction Name(Code)
Adjacent Station Name (ZZZ) inter distance Km.
SH45
104B
102A
102AT
S02
C02
ID02
D02
SIDING
108
104A
104AT
SH44
180m
1000m
1000m

SIGNAL SPECIFIC NOTES – II

5. DETAILS OF MOTOR OPERATED POINTS WITH CRANK HANDLE GROUPING:

GROUP	POINTS	TYPE OF POINT MACHINE	CH EKT KEPT AT
CH01	101	IRS POINT MACHINE	SM ROOM
CH02	104,105,108	IRS POINT MACHINE	SM ROOM
CH03	103,106	IRS POINT MACHINE	SM ROOM
CH04	102	IRS POINT MACHINE	SM ROOM

6. DETAILS OF SIGNAL ROUTES HAVING ALTERNATE OVERLAPS

SIGNAL NO.	LEADING TO	DETAILS OF OVERLAP
S01	ROAD 4	SET TO SANDHUMP WHEN POINT 106 NORMAL
		SET TO LSS S07 WHEN POINT 106 REVERSE
S02	ROAD 1	SET TO SANDHUMP WHEN POINT 105 NORMAL
		SET TO LSS S08 WHEN POINT 105 REVERSE

SIGNAL SPECIFIC NOTES – I

1. NUMBER GRID:

FUNCTIONS	LOCATION or DIRECTION	RANGE	SPARES
SIGNAL	LEFT TO RIGHT	01–39 (ODD NUMBERS)	09 to 39
	RIGHT TO LEFT	02–40 (EVEN NUMBERS)	10 to 40
SHUNT SIGNAL	LEFT TO RIGHT	41–99 (ODD NUMBERS)	47 to 99
	RIGHT TO LEFT	42–98 (EVEN NUMBERS)	46 to 98
POINTS	LEFT HALF	101–199 (ODD NUMBERS)	107 to 199
	RIGHT HALF	102–198 (EVEN NUMBERS)	110 to 198
KEY LOCK SIDING POINTS	LEFT HALF	201–299 (ODD NUMBERS)	201 to 299
	RIGHT HALF	202–298 (EVEN NUMBERS)	202 to 298
LC GATE	LEFT HALF	301–399 (ODD NUMBERS)	301 to 399
	RIGHT HALF	302–398 (EVEN NUMBERS)	302 to 398

2. BLOCK WORKING:

SECTION	TYPE OF BLOCK WORKING	BLOCK INSTRUMENT TYPE	BPAC	REMARKS IF ANY
YYY–XXX SEC	ABSOLUTE BLOCK	DL	SSDAC	LOCATED AT SM ROOM
XXX–ZZZ SEC	ABSOLUTE BLOCK	DL	SSDAC	LOCATED AT SM ROOM

3. DETAILS OF TRACK CIRCUITS:

TRACK CIRCUIT NOS.	TYPE OF TRACK CIRCUITS	REMARKS IF ANY
C01T, H01T, 08T, 04/06T, 101AT, 101BT, 103T, 105AT, 105BT, 01AT, 01BT, 02AT, 02BT, 03AT, 03BT, 04AT, 04BT, 104AT, 104BT, 106AT, 106BT, 102AT, 102BT, 03/05T, 07T, H02T, C02T.	DC SINGLE RAIL TRACK CIRCUIT	BERTHING TRACKS WITH QBAT

4. DETAILS OF AXLE COUNTERS:

AXLE COUNTER SECTION	TYPE OF AXLE COUNTER	TYPE OF RESETTING	LOCATION OF RESETTING BOX	LOCATION OF RESETTING BOX CO OPERATION PLUNGER/LV BOX
SECTION YYY–XXX(UP)	SSDAC	PREPARATORY	AT STATION YYY	AT STATION XXX
SECTION XXX–YYY(DOWN)	SSDAC	PREPARATORY	AT STATION XXX	AT STATION YYY
SECTION XXX–ZZZ(UP)	SSDAC	PREPARATORY	AT STATION XXX	AT STATION ZZZ
SECTION ZZZ–XXX(DOWN)	SSDAC	PREPARATORY	AT STATION ZZZ	AT STATION XXX

GENERAL NOTES

1. THIS PLAN IS BASED ON SIGNAL INTERLOCKING PLAN NO :
2. THIS PLAN IS BASED ON ENGINEERING SCALE PLAN (ESP)
3. THIS PLAN SUPERSEDES SIP/SSP NO: . . . .
4. THE SITE SURVEY IS CARRIED OUT TO CORRELATE THE BAS
   RECORDED IN . . . .
5. THIS STATION IS LOCATED IN 25 KV AC ELECTRIFIED SECTI
6. ALL THE STOP SIGNALS ARE LOCATED CLEAR OFF NEUTRAL
7. THE NEW SIGNAL POSITIONS HAVE BEEN AMENDED TO SUIT
8. SYSTEM OF WORKING IS ABSOLUTE BLOCK SYSTEM.
9. ALL THE WORKS ARE CARRIED OUT AS PER THE PROVISION
   POLICY LETTERS.
10. THE NEW EQUIPMENT IS PLACED AS PER SITE SURVEY.
11. RECORD OF DESIGN DECISIONS ARE DETAILED IN SCHEME
12. FOULING POINTS ARE REQUIRED TO BE MEASURED ON SIT
13. SIGNAL AND SIGNAGES ARE IN ACCORDANCE WITH G&SR A
14. THE CROSS OVER POINTS ARE OPERATED BY PARALLEL O
15. POINT ZONE TELEPHONES (PTZ) ARE PROVIDED AT TOP P
16. NON–STANDARD SYMBOLS USED ON THIS PLAN ARE . . .
17. LIST OF ASSUMPTION BEING MADE WHILE SCHEME PLAN W
    (i) . . . .
    (ii) . . . .
18. SCHEME PLAN SPECIFIC ISSUES WHICH ARE STILL TO BE
    (i) . . . .
    (ii) . . . .
19. TYPE OF INTERLOCKING : CENTRALISED ELECTRONIC INTER
20. REFER INTERLOCKING CONTROL CHART FOR DETAILS OF A
21. COMPLETION DETAILS TO BE INCORPORATED AFTER COMMIS
    CONDITIONS FOR GENERATING SIGNAL INTERLOCKING PLAN
22. SPECIAL NOTES RELATED TO SPECIFIC RAILWAY/ STATION
23. ALL NEW MAIN SIGNALS, SUBSIDIARY SIGNALS, GROUND SH
    STANDARD AND MINIATURE INDICATORS, POSITION LIGHT JU

. . . .

NO: . . . .

. . . .

SE RECORDS. THE SURVEY REMARKS ARE

ON.

SECTION.

SIGNAL SIGHTING COMMITTEE REPORT.

IS IN THE SEM. G&SR AND OTHER

PLAN DESIGN LOG: . . . .

E.

ND SEM.

PERATION.

OINTS.

. . . .

AS IN PRODUCTION ARE

RESOLVED

LOCKING.

LL SIGNAL ROUTES.

SSIONING THE WORKS SUITING TO SITE
(RECORDS UPDATED).

LIKE SPT, EMERGENCY GATE KEY etc.

HUNT SIGNALS, REPEATER SIGNALS,
NCTION INDICATORS ARE OF LED TYPE.

APPROVAL PANEL

ALT.	NAME OF THE WORK	APPROVED BY SAG(OPTG)	APPROVED BY SAG(S&T)	CRS/PCSTE's SANCTION	DATE OF COMMISSIONING
—		(SIGNATURE) (DD/MM/YY) (NAME/DESGN.)	(SIGNATURE) (DD/MM/YY) (NAME/DESGN.)		

REFERENCE LINE

THIS PLAN IS ONLY PRINTED TO SCALE IF THIS LINE MEASURES 100MM.

CLASS	B		SIGNAL INTERLOCKING PLAN SIP.ZONE.DIV.XXX.01 (LAYOUT : DL3)	ZONE	ZONE
STANDARD	III Ⓡ				
SCALE	HORIZONTAL	1:2500		DIVISION	DIV
	VERTICAL	NA		STATION	XXX

STATION NAME : XXX

AUTO CAD FILE No.SIP.ZONE.DIV.XXX.01