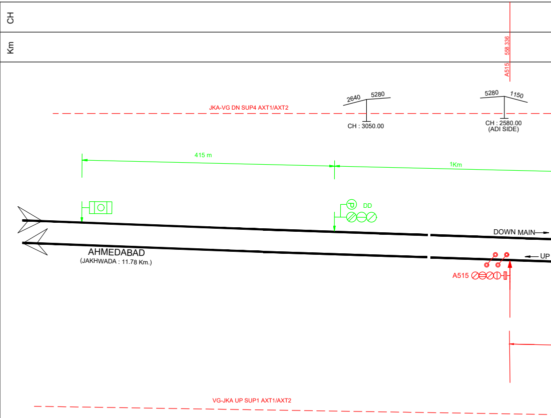
VIRAMGAM JN.

DEVITION TABLE

IF ANY DEVIATION PLEASE MENTION IN TABLE.

APPROVED SPECIAL INSTRUCTIONS / SPECIAL INSTRUCTIONS

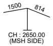
SR. NO.	NATURE OF APPROVAL	APPROVAL NO.& DATE (CRS/PCOM)	REF.TO APPROVAL
1)	DISPENSATION OBTAINED UNDER SPECIAL INSTRUCTIONS GR.3.07(7) COMBINING OF SIGNALS	---	APPROVED SPECIAL INSTRUCTIONS(CRS)
2)	DISPENSATION OBTAINED UNDER SPECIAL INSTRUCTIONS GR.3.47 & 3.47(1) FOR SIMULTATNEOUS MOVEMENTS.	---	1)SPECIAL INSTRUCTIONS(PCOM) (ADEQUATE DISTANCE AVAILABLE) 2)APPROVED SPECIAL INSTRUCTIONS(CRS) (ADEQUATE DISTANCE NOT AVAILABLE)
3)	DISPENSATION OBTAINED UNDER SPECIAL INSTRUCTIONS GR. 5.16 FOR SHUNTING DURING RECEPTION AND DISPATCH OF TRAINS.	---	SPECIAL INSTRUCTIONS(PCOM)
4)	DISPENSATION OBTAINED AS PER GR.3.04(1) FOR PROVIDING SIGNAL LHS TO RHS.	---	SPECIAL INSTRUCTIONS (PCOM)
5)	DISPENSATION OBTAINED AS PER GR.3.40 TO TAKE OFF SIGNAL WHERE ADEQUATE DISTANCE FOR OVERLAP IS NOT AVAILABLE.	---	APPROVED SPECIAL INSTRUCTIONS (CRS)
6)	DISPENSATION OBTAINED AS PER SR.9.13(4) TWO FIXED RED LIGHTS ONE ABOVE ANOTHER CAN BE PROVIDED IN AUTOMATIC SIGNALLING TERRITORY INDICATIONG SHUNTING LIMIT AGAINST DIRECTION OF TRAFFIC.	---	SPECIAL INSTRUCTIONS (PCOM)
7)	DISPENSATION OBTAINED AS PER SR.3.13(2) PROVIDING OF CALLING- ON SIGNAL BELOW STARTER.	CRS'S SANCTION NO. 41-5/5/241. DT 08.04.2011	SPECIAL INSTRUCTIONS (PCOM)



CH
Km
558.336
A515
JKA-VG DN SUP4 AXT1/AXT2
2640
5280
CH : 3050.00
5280
1150
CH : 2580.00
(ADI SIDE)
415 m
1Km
DD
DOWN MAIN
UP
AHMEDABAD
(JAKHWADA : 11.78 Km.)
A515
VG-JKA UP SUP1 AXT1/AXT2

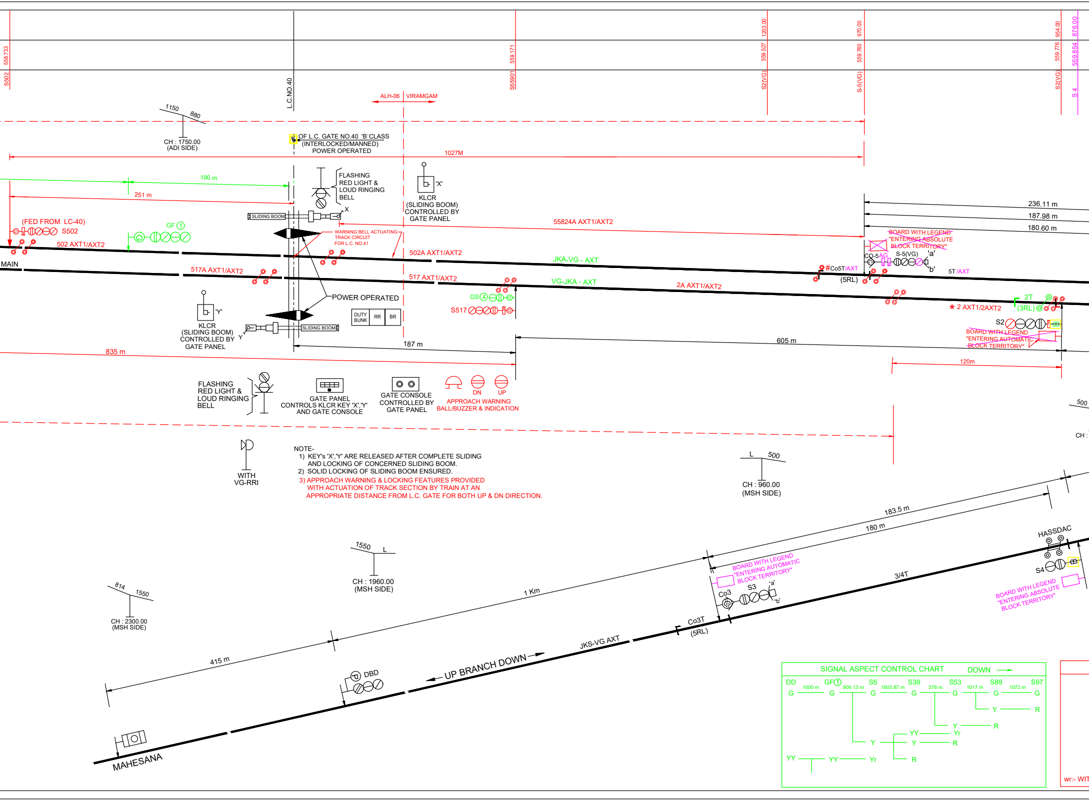
	MSDAC TRACK SECTION CHART FOR JKA-VG DN DIRECTION
Sr.NO.	SECTION
1	49A AXT1/AXT2
2	514 AXT1/AXT2
3	514A AXT1/AXT2
4	512 AXT1/AXT2
5	512A AXT1/AXT2
6	510 AXT1/AXT2
7	510A AXT1/AXT2
8	508 AXT1/AXT2
9	508A AXT1/AXT2
10	506 AXT1/AXT2
11	506A AXT1/AXT2
12	504 AXT1/AXT2
13	504A AXT1/AXT2
14	502 AXT1/AXT2
15	502A AXT1/AXT2

	MSDAC TRACK SECTION CHART FOR VG-JKA UP DIRECTION
Sr.NO.	SECTION
1	2A AXT1/AXT2
2	517 AXT1/AXT2
3	517A AXT1/AXT2
4	515 AXT1/AXT2
5	515A AXT1/AXT2
6	513 AXT1/AXT2
7	513A AXT1/AXT2
8	511 AXT1/AXT2
9	511A AXT1/AXT2
10	509 AXT1/AXT2
11	509A AXT1/AXT2
12	507 AXT1/AXT2
13	507A AXT1/AXT2
14	505 AXT1/AXT2
15	505A AXT1/AXT2
16	503 AXT1/AXT2
17	503A AXT1/AXT2
18	501 AXT1/AXT2
19	501A AXT1/AXT2

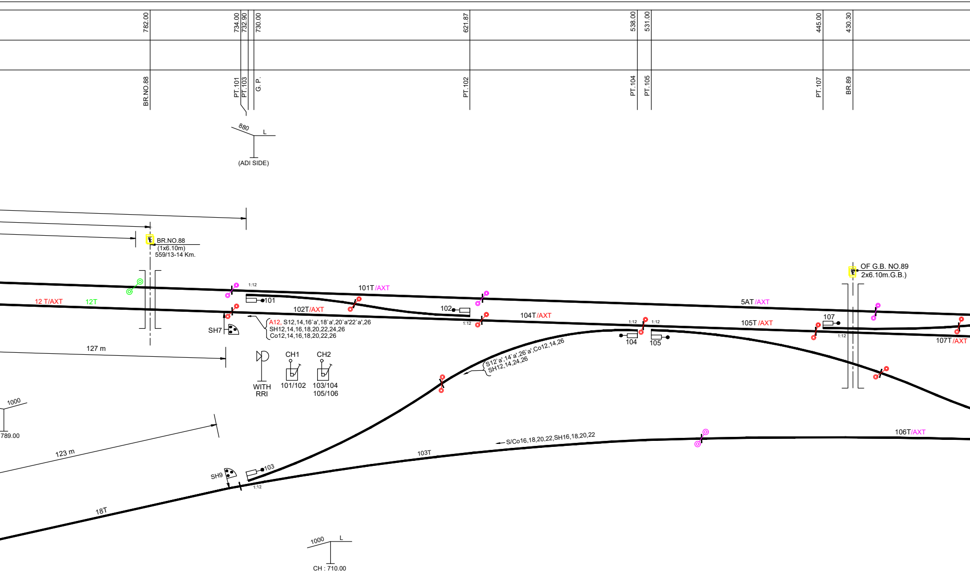


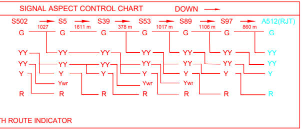
1500
814
CH : 2650.00
(MSH SIDE)

Signature Not Verified
Digitally signed by
ADITI JOSHI
Date: 2026.06.22
17:32:11 IST
Reason: IREPS-CRIS
Location: New Delhi

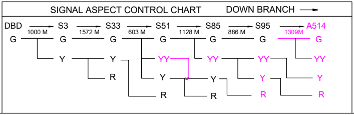

558.733
S502
L.C.NO.40
559.171
S55901
1203.00
559.527
S2(VG)
970.00
559.760
S-5(VG)
954.00
559.776
S2(VG)
876.00
559.854
S 4
ALH-06
VIRAMGAM
1150
880
CH : 1750.00
(ADI SIDE)
OF L.C. GATE NO.40 'B`CLASS
(INTERLOCKED/MANNED)
POWER OPERATED
1027M
190 m
251 m
FLASHING
RED LIGHT &
LOUD RINGING
BELL
'X'
KLCR
(SLIDING BOOM)
CONTROLLED BY
GATE PANEL
SLIDING BOOM
X
(FED FROM LC-40)
S502
GF ①
502 AXT1/AXT2
MAIN
WARNING BELL ACTUATING
TRACK CIRCUIT
FOR L.C. NO.41
502A AXT1/AXT2
55824A AXT1/AXT2
JKA-VG - AXT
517A AXT1/AXT2
517 AXT1/AXT2
VG-JKA - AXT
2A AXT1/AXT2
236.11 m
187.98 m
180.60 m
~~BOARD WITH LEGEND~~
~~"ENTERING ABSOLUTE~~
~~BLOCK TERRITORY"~~
CO-5AG
S-5(VG)
'a'
'b'
#Co5T/AXT
(5RL)
5T /AXT
2T
(3RL)
* 2 AXT1/2AXT2
S2
~~BOARD WITH LEGEND~~
~~"ENTERING AUTOMATIC~~
~~BLOCK TERRITORY"~~
POWER OPERATED
GS④
S517
'Y'
KLCR
(SLIDING BOOM)
CONTROLLED BY
GATE PANEL
Y
SLIDING BOOM
DUTY BUNK
RR
BR
187 m
605 m
835 m
120m
FLASHING
RED LIGHT &
LOUD RINGING
BELL
GATE PANEL
CONTROLS KLCR KEY 'X','Y'
AND GATE CONSOLE
GATE CONSOLE
CONTROLLED BY
GATE PANEL
DN
UP
APPROACH WARNING
BALL/BUZZER & INDICATION
500
CH :
WITH
VG-RRI
L
500
CH : 960.00
(MSH SIDE)
183.5 m
180 m
HASSDAC
1550
L
CH : 1960.00
(MSH SIDE)
BOARD WITH LEGEND
"ENTERING AUTOMATIC
BLOCK TERRITORY"
Co3
S3
'a'
'b'
3/4T
S4
BOARD WITH LEGEND
"ENTERING ABSOLUTE
BLOCK TERRITORY"
1 Km
814
1550
CH : 2300.00
(MSH SIDE)
Co3T
(5RL)
JKS-VG AXT
415 m
DBD
UP BRANCH DOWN
MAHESANA
SIGNAL ASPECT CONTROL CHART
DOWN →
DD
GF①
S5
S39
S53
S89
S97
1000 m
909.13 m
1603.87 m
378 m
1017 m
1072 m
G
G
G
G
G
G
G
Y
R
Y
R
YY
Yr
Y
Y
R
R
YY
YY
Yr
wr:- WIT

NOTE-
1) KEY's 'X','Y' ARE RELEASED AFTER COMPLETE SLIDING AND LOCKING OF CONCERNED SLIDING BOOM.
2) SOLID LOCKING OF SLIDING BOOM ENSURED.
3) APPROACH WARNING & LOCKING FEATURES PROVIDED WITH ACTUATION OF TRACK SECTION BY TRAIN AT AN APPROPRIATE DISTANCE FROM L.C. GATE FOR BOTH UP & DN DIRECTION.

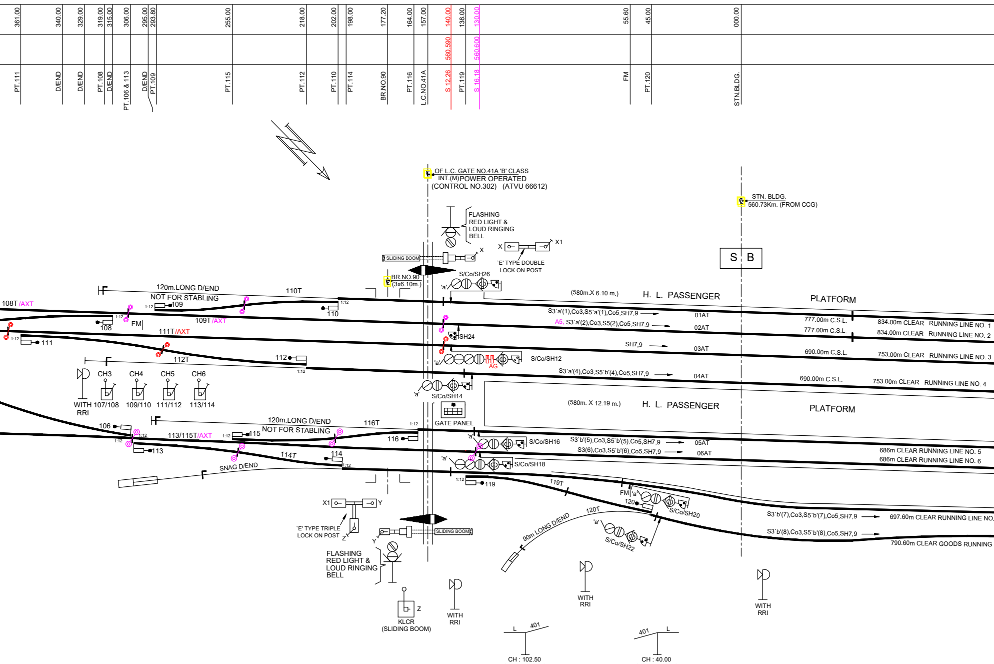

782.00
734.00
732.90
730.00
621.87
538.00
531.00
445.00
430.30
BR.NO.88
PT.101
PT.103
G. P.
PT.102
PT.104
PT.105
PT.107
BR.89
880
L
(ADI SIDE)
BR.NO.88
(1x6.10m)
559/13-14 Km.
OF G.B. NO.89
2x6.10m.G.B.)
1:12
101T /AXT
12 T/AXT
12T
101
102T/AXT
102
104T/AXT
5AT /AXT
1:12
1:12
1:12
107
105T /AXT
1:12
107T /AXT
SH7
A12, S12,14,16`a',18`a',20`a'22`a',26
SH12,14,16,18,20,22,24,26
Co12,14,16,18,20,22,26
127 m
S12`a',14`a',26`a',Co12,14,26
SH12,14,24,26
104
105
WITH
RRI
CH1
101/102
CH2
103/104
105/106
1000
789.00
123 m
S/Co16,18,20,22,SH16,18,20,22
103T
106T/AXT
SH9
103
1:12
18T
1000
L
CH : 710.00


SIGNAL ASPECT CONTROL CHART DOWN →

S502
S5
S39
S53
S89
S97
A512(RJT)
1027
1611 m
378 m
1017 m
1106 m
860 m
G
YY
YY
Y
R
Ywr
TH ROUTE INDICATOR

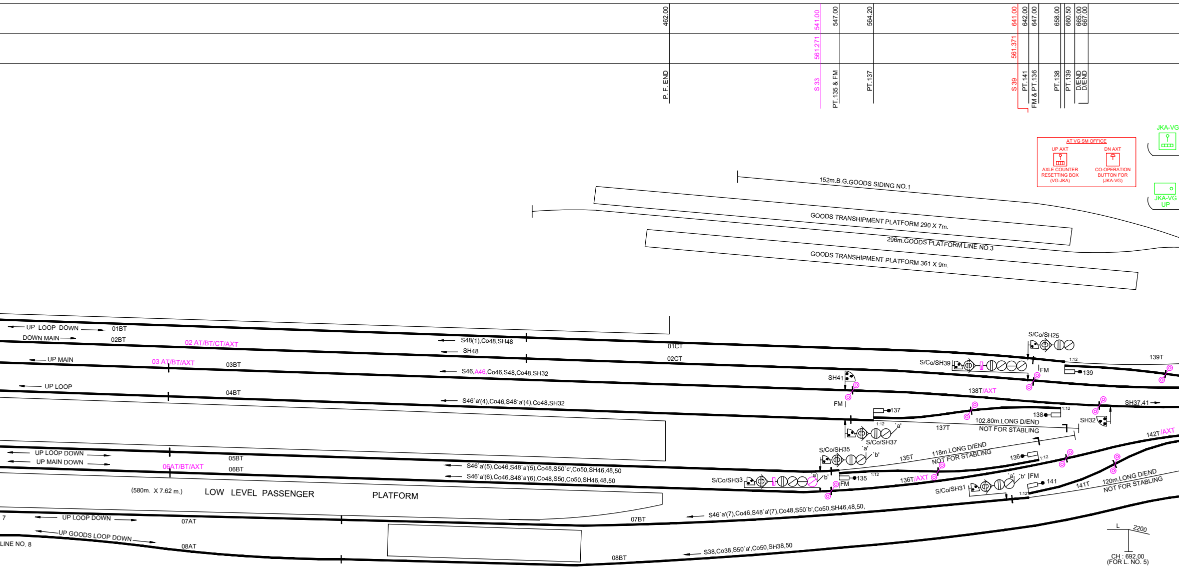

SIGNAL ASPECT CONTROL CHART DOWN BRANCH →

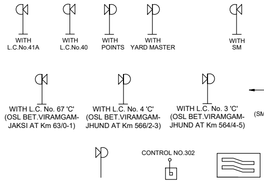
DBD
S3
S33
S51
S85
S95
A514
1000 M
1572 M
603 M
1128 M
886 M
1309M
G
Y
R
YY


361.00
340.00
329.00
319.00
315.00
306.00
295.00
293.80
255.00
218.00
202.00
198.00
177.20
164.00
157.00
140.00
138.00
130.00
55.60
45.00
000.00
560.590
560.600
PT.111
D/END
D/END
PT.108
D/END
PT.106 & 113
D/END
PT.109
PT.115
PT.112
PT.110
PT.114
BR.NO.90
PT.116
L.C.NO.41A
S 12,26
PT.119
S 16,18
FM
PT.120
STN.BLDG.
OF L.C. GATE NO.41A 'B' CLASS
INT.(M)POWER OPERATED
(CONTROL NO.302) (ATVU 66612)
STN. BLDG.
560.73Km. (FROM CCG)
FLASHING
RED LIGHT &
LOUD RINGING
BELL
SLIDING BOOM
X
X
X1
`E' TYPE DOUBLE
LOCK ON POST
S B
BR.NO.90
(3x6.10m.)
S/Co/SH26
'a'
120m.LONG D/END
NOT FOR STABLING
110T
108T /AXT
109
110
108
FM
109T /AXT
111T /AXT
111
112T
112
1:12
(580m.X 6.10 m.)
H. L. PASSENGER
PLATFORM
S3`a'(1),Co3,S5`a'(1),Co5,SH7,9
01AT
A5, S3`a'(2),Co3,S5(2),Co5,SH7,9
02AT
SH24
SH7,9
03AT
S/Co/SH12
AG
S3`a'(4),Co3,S5`b'(4),Co5,SH7,9
04AT
777.00m C.S.L.
834.00m CLEAR RUNNING LINE NO. 1
777.00m C.S.L.
834.00m CLEAR RUNNING LINE NO. 2
690.00m C.S.L.
753.00m CLEAR RUNNING LINE NO. 3
690.00m C.S.L.
753.00m CLEAR RUNNING LINE NO. 4
CH3
CH4
CH5
CH6
WITH 107/108
RRI
109/110
111/112
113/114
S/Co/SH14
GATE PANEL
(580m. X 12.19 m.)
H. L. PASSENGER
PLATFORM
106
120m.LONG D/END
NOT FOR STABLING
116T
113/115T/AXT
115
116
113
114T
114
SNAG D/END
S/Co/SH16
S3`b'(5),Co3,S5`b'(5),Co5,SH7,9
05AT
S3(6),Co3,S5`b'(6),Co5,SH7,9
06AT
686m CLEAR RUNNING LINE NO. 5
686m CLEAR RUNNING LINE NO. 6
S/Co/SH18
119
119T
FM
120
S/Co/SH20
120T
90m LONG D/END
S/Co/SH22
S3`b'(7),Co3,S5`b'(7),Co5,SH7,9
697.60m CLEAR RUNNING LINE NO.
S3`b'(8),Co3,S5`b'(8),Co5,SH7,9
790.60m CLEAR GOODS RUNNING
X1
Y
`E' TYPE TRIPLE
LOCK ON POST
Z
Y
SLIDING BOOM
FLASHING
RED LIGHT &
LOUD RINGING
BELL
Z
KLCR
(SLIDING BOOM)
WITH
RRI
WITH
RRI
WITH
RRI
L
401
CH : 102.50
(FOR L. NO. 5)
401
L
CH : 40.00
(FOR L. NO. 5)

NOTE:-
KEY `Z' RELEASED AFTER
COMPLETE SLIDING AND
LOCKING OF SLIDING BOOMS.

SIGNALS
SPARES
POINTS
SPARES
CONTROLS
SPARES

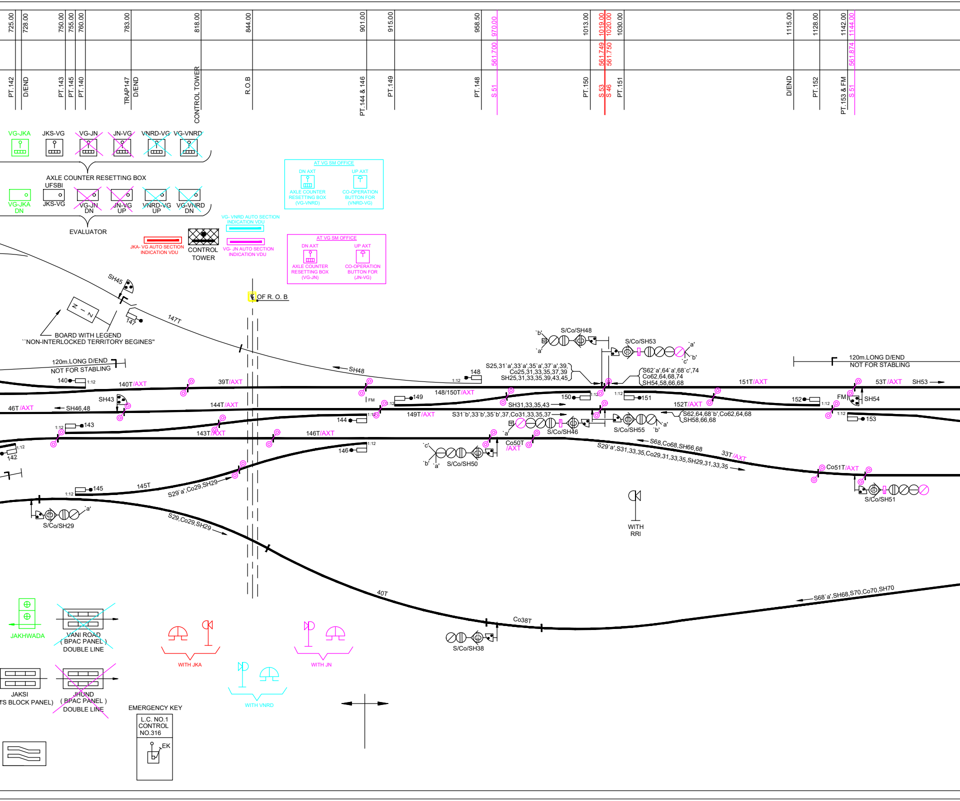

462.00
P. F. END
541.00
561.271
S 33
547.00
PT.135 & FM
564.20
PT.137
641.00
561.371
S 39
642.00
PT.141
647.00
FM & PT.136
658.00
PT.138
660.50
PT.139
665.00
D/END
667.00
D/END
JKA-VG
AT VG SM OFFICE
UP AXT
DN AXT
AXLE COUNTER RESETTING BOX (VG-JKA)
CO-OPERATION BUTTON FOR (JKA-VG)
JKA-VG UP
152m.B.G.GOODS SIDING NO.1
GOODS TRANSHIPMENT PLATFORM 290 X 7m.
296m.GOODS PLATFORM LINE NO.3
GOODS TRANSHIPMENT PLATFORM 361 X 9m.
UP LOOP DOWN
01BT
DOWN MAIN
02BT
02 AT/BT/CT/AXT
S48(1),Co48,SH48
SH48
01CT
02CT
UP MAIN
03 AT/BT/AXT
03BT
S46,A46,Co46,S48,Co48,SH32
UP LOOP
04BT
S46`a'(4),Co46,S48`a'(4),Co48,SH32
S/Co/SH25
S/Co/SH39
FM
139
139T
1:12
SH41
FM
138T/AXT
137
138
1:12
SH37,41
SH32
102.80m.LONG D/END
NOT FOR STABLING
137T
1:12
`a'
S/Co/SH37
S/Co/SH35
`a'
`b'
135T
118m.LONG D/END
NOT FOR STABLING
136
1:12
142T/AXT
UP LOOP DOWN
UP MAIN DOWN
06AT/BT/AXT
05BT
06BT
S46`a'(5),Co46,S48`a'(5),Co48,S50`c',Co50,SH46,48,50
S46`a'(6),Co46,S48`a'(6),Co48,S50,Co50,SH46,48,50
S/Co/SH33
`b'
FM
135
1:12
136T/AXT
`a'
`b'
FM
S/Co/SH31
141
1:12
141T
120m.LONG D/END
NOT FOR STABLING
(580m. X 7.62 m.)
LOW LEVEL PASSENGER PLATFORM
7
UP LOOP DOWN
07AT
07BT
S46`a'(7),Co46,S48`a'(7),Co48,S50`b',Co50,SH46,48,50,
UP GOODS LOOP DOWN
LINE NO. 8
08AT
08BT
S38,Co38,S50`a',Co50,SH38,50
L
2200
CH : 692.00
(FOR L. NO. 5)

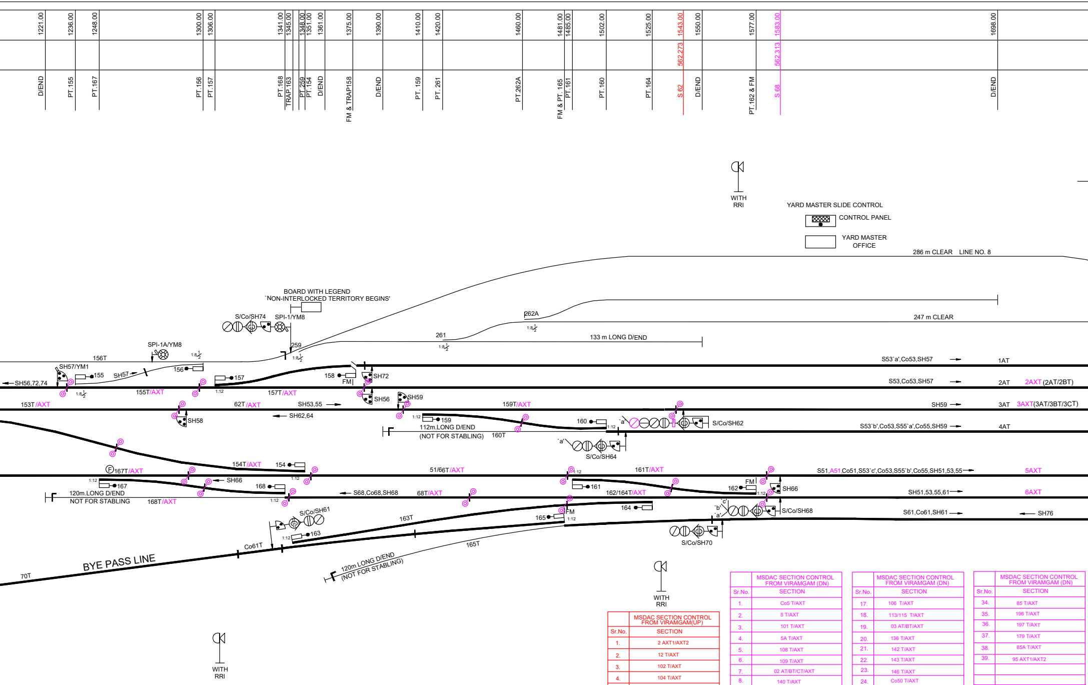

WITH L.C.No.41A
WITH L.C.No.40
WITH POINTS
WITH YARD MASTER
WITH SM
WITH L.C. No. 67 'C' (OSL BET.VIRAMGAM-JAKSI AT Km 63/0-1)
WITH L.C. No. 4 'C' (OSL BET.VIRAMGAM-JHUND AT Km 566/2-3)
WITH L.C. No. 3 'C' (OSL BET.VIRAMGAM-JHUND AT Km 564/4-5)
(SM
CONTROL NO.302

CRANK HANDLE RELEASE GROUPS.

CH	POINTS	KEY WITH SM	CH	POINTS	KEY WITH SM	CH	POINTS	KEY WITH SM	CH	POINTS	KEY WITH SM	CH	POINTS	KEY WITH SM
CH1	101/102	NO	CH11	SPARE	---	CH21	141/142	YES	CH31	163/164,165	YES	CH41	179/180	NO
CH2	103/104,105/106	NO	CH12	SPARE	---	CH22	143/144	YES	CH32	167/168	YES	CH42	181/182	NO
CH3	107/108	NO	CH13	SPARE	---	CH23	145/146	YES	CH33	SPARE	---	CH43	183/184	NO
CH4	109/110	NO	CH14	SPARE	---	CH24	147/148	YES	CH34	SPARE	---	CH44	185/186	NO
CH5	111/112	NO	CH15	SPARE	---	CH25	149/150,151/152	YES	CH35	SPARE	---	CH45	187/188	NO
CH6	113/114	NO	CH16	SPARE	---	CH26	153/154	YES	CH36	SPARE	---	CH46	189/190	NO
CH7	115/116	NO	CH17	SPARE	---	CH27	155/156	YES	CH37	SPARE	---	CH47	191/192	NO
CH8	SPARE	---	CH18	135/136	YES	CH28	157/158	YES	CH38	SPARE	---	CH48	193/194	NO
CH9	119/120	NO	CH19	137/138	YES	CH29	159/160	YES	CH39	SPARE	---	CH49	195/196,197/198	NO
CH10	SPARE	---	CH20	139/140	YES	CH30	161/162	YES	CH40	175/176	YES	CH50	199/200	NO

	1 TO 100
	1,6,8,10,11,13,15,17,19,21,23,27,28,30,34,36,40,42,44,47,49,
	52,60,63,65,67,69,73,75,90,92, 93.98,99,100
	101 TO 200
	117,118, 121 TO 134,166,169 TO 178.
	301 TO 320.
	301,305 TO 315,316 TO 320


725.00
728.00
750.00
755.00
760.00
783.00
818.00
844.00
901.00
915.00
958.50
970.00
1013.00
1019.00
1020.00
1030.00
1115.00
1128.00
1142.00
1144.00
561.700
561.749
561.750
561.874
PT.142
D/END
PT.143
PT.145
PT.140
TRAP147
D/END
CONTROL TOWER
R.O.B
PT.144 & 146
PT.149
PT.148
S 51
PT.150
S 53
S 46
PT.151
D/END
PT.152
PT.153 & FM
S 51
VG-JKA
JKS-VG
VG-JN
JN-VG
VNRD-VG
VG-VNRD
AXLE COUNTER RESETTING BOX
UFSBI
VG-JKA DN
JKS-VG
VG-JN DN
JN-VG UP
VNRD-VG UP
VG-VNRD DN
EVALUATOR
JKA- VG AUTO SECTION INDICATION VDU
CONTROL TOWER
VG- VNRD AUTO SECTION INDICATION VDU
VG- JN AUTO SECTION INDICATION VDU
AT VG SM OFFICE
DN AXT
UP AXT
AXLE COUNTER RESETTING BOX (VG-VNRD)
CO-OPERATION BUTTON FOR (VNRD-VG)
AT VG SM OFFICE
DN AXT
UP AXT
AXLE COUNTER RESETTING BOX (VG-JN)
CO-OPERATION BUTTON FOR (JN-VG)
℄ OF R. O. B
SH45
147
147T
N
BOARD WITH LEGEND
``NON-INTERLOCKED TERRITORY BEGINES"
120m.LONG D/END
NOT FOR STABLING
SH48
148
S25,31`a',33`a',35`a',37`a',39,
Co25,31,33,35,37,39
SH25,31,33,35,39,43,45
S/Co/SH48
`b'
`a'
S/Co/SH53
`a'
`b'
`c'
S62`a',64`a',68`c',74
Co62,64,68,74
SH54,58,66,68
120m.LONG D/END
NOT FOR STABLING
140
1:12
140T/AXT
39T/AXT
151T/AXT
53T /AXT
SH53
SH43
46T /AXT
SH46,48
144T/AXT
FM
149
148/150T/AXT
150
151
152
FM
SH54
SH31,33,35,43
152T/AXT
143
144
149T/AXT
S31`b',33`b',35`b',37,Co31,33,35,37
S62,64,68`b',Co62,64,68
SH58,66,68
153
143T/AXT
146T/AXT
`a'
S/Co/SH46
S/Co/SH55
`a'
`b'
142
146
`c'
`b'
`a'
S/Co/SH50
Co50T /AXT
S68,Co68,SH66,68
S29`a',S31,33,35,Co29,31,33,35,SH29,31,33,35
33T/AXT
Co51T/AXT
S/Co/SH51
145
145T
S29`a',Co29,SH29
`a'
S/Co/SH29
S29,Co29,SH29
WITH RRI
40T
Co38T
S/Co/SH38
S68`a',SH68,S70,Co70,SH70
JAKHWADA
VANI ROAD
(BPAC PANEL)
DOUBLE LINE
WITH JKA
WITH JN
WITH VNRD
JAKSI
'S BLOCK PANEL)
JHUND
(BPAC PANEL)
DOUBLE LINE
EMERGENCY KEY
L.C. NO.1
CONTROL
NO.316
EK

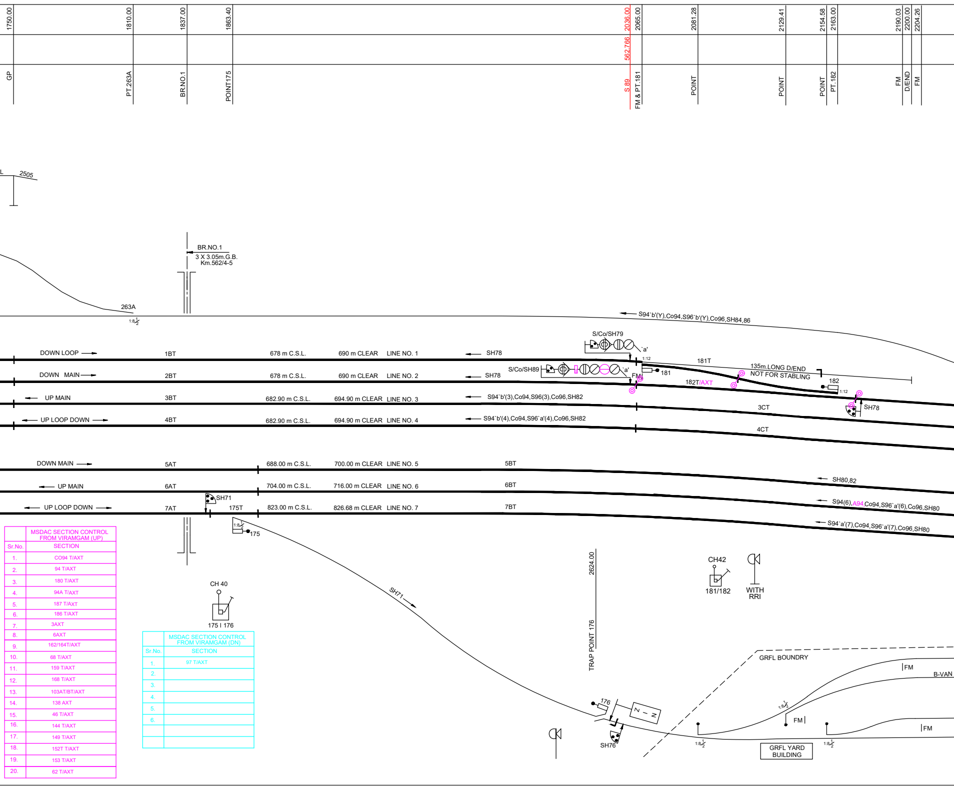

1221.00 D/END
1236.00 PT.155
1248.00 PT.167
1300.00 PT.156
1306.00 PT.157
1341.00 PT.168
1345.00 TRAP.163
1348.00 PT.259
1351.00 PT.154
1361.00 D/END
1375.00 FM & TRAP158
1390.00 D/END
1410.00 PT. 159
1420.00 PT. 261
1460.00 PT.262A
1481.00 FM & PT. 165
1485.00 PT. 161
1502.00 PT. 160
1525.00 PT. 164
1543.00 562.273 S 62
1550.00 D/END
1577.00 PT.162 & FM
1583.00 562.313 S 68
1698.00 D/END
WITH RRI
YARD MASTER SLIDE CONTROL
CONTROL PANEL
YARD MASTER OFFICE
286 m CLEAR
LINE NO. 8
BOARD WITH LEGEND
`NON-INTERLOCKED TERRITORY BEGINS'
S/Co/SH74
SPI-1/YM8
262A
1:8½
247 m CLEAR
261
1:8½
133 m LONG D/END
SPI-1A/YM8
1:8½
259
1:8½
156T
SH57/YM1
155
SH57
156
157
158
FM
SH72
S53`a',Co53,SH57
1AT
SH56,72,74
1:8½
155T/AXT
1:12
157T/AXT
S53,Co53,SH57
2AT
2AXT (2AT/2BT)
SH56
SH59
153T/AXT
62T/AXT
SH53,55
159T/AXT
SH59
3AT
3AXT(3AT/3BT/3CT)
SH58
SH62,64
1:12
159
112m.LONG D/END
(NOT FOR STABLING)
160T
160
1:12
`a'
S/Co/SH62
S53`b',Co53,S55`a',Co55,SH59
4AT
`a'
S/Co/SH64
154T/AXT
154
F 167T/AXT
1:12
51/66T/AXT
1:12
161T/AXT
S51,A51,Co51,S53`c',Co53,S55`b',Co55,SH51,53,55
5AXT
1:12
167
SH66
168
161
FM
162
1:12
SH66
120m.LONG D/END
NOT FOR STABLING
168T/AXT
1:12
S68,Co68,SH68
68T/AXT
162/164T/AXT
SH51,53,55,61
6AXT
S/Co/SH61
164
FM
165
1:12
`c'
`b'
`a'
S/Co/SH68
S61,Co61,SH61
SH76
163T
1:12
163
Co61T
165T
S/Co/SH70
BYE PASS LINE
70T
120m LONG D/END
(NOT FOR STABLING)
WITH RRI
WITH RRI

	MSDAC SECTION CONTROL FROM VIRAMGAM(UP)
Sr.No.	SECTION
1.	2 AXT1/AXT2
2.	12 T/AXT
3.	102 T/AXT
4.	104 T/AXT
5.	105 T/AXT
6.	107 T/AXT
7.	111 T/AXT

	MSDAC SECTION CONTROL FROM VIRAMGAM (DN)
Sr.No.	SECTION
1.	Co5 T/AXT
2.	5 T/AXT
3.	101 T/AXT
4.	5A T/AXT
5.	108 T/AXT
6.	109 T/AXT
7.	02 AT/BT/CT/AXT
8.	140 T/AXT
9.	39 T/AXT
10.	148/150T/AXT
11.	151 T/AXT
12.	53 T/AXT
13.	155 T/AXT
14.	157 T/AXT
15.	2 AXT
16.	182 T/AXT

	MSDAC SECTION CONTROL FROM VIRAMGAM (DN)
Sr.No.	SECTION
17.	106 T/AXT
18.	113/115 T/AXT
19.	03 AT/BT/AXT
20.	136 T/AXT
21.	142 T/AXT
22.	143 T/AXT
23.	146 T/AXT
24.	Co50 T/AXT
25.	33 T/AXT
26.	Co51 T/AXT
27.	167 T/AXT
28.	154 T/AXT
29.	51/66 T/AXT
30.	161 T/AXT
31.	5 AXT
32.	183 T/AXT
33.	188 T/AXT

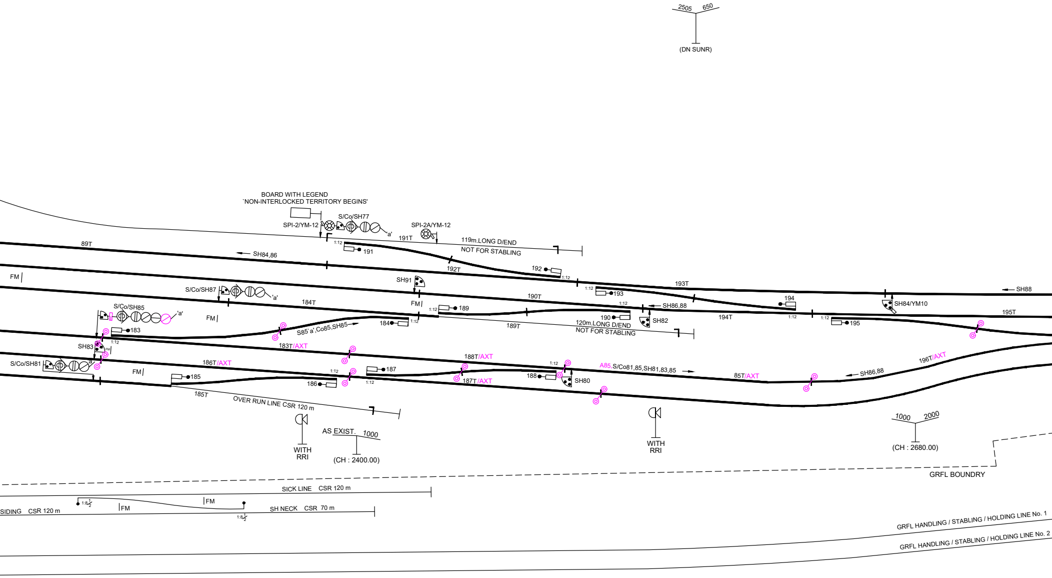
	MSDAC SECTION CONTROL FROM VIRAMGAM (DN)
Sr.No.	SECTION
34.	85 T/AXT
35.	196 T/AXT
36.	197 T/AXT
37.	179 T/AXT
38.	85A T/AXT
39.	95 AXT1/AXT2

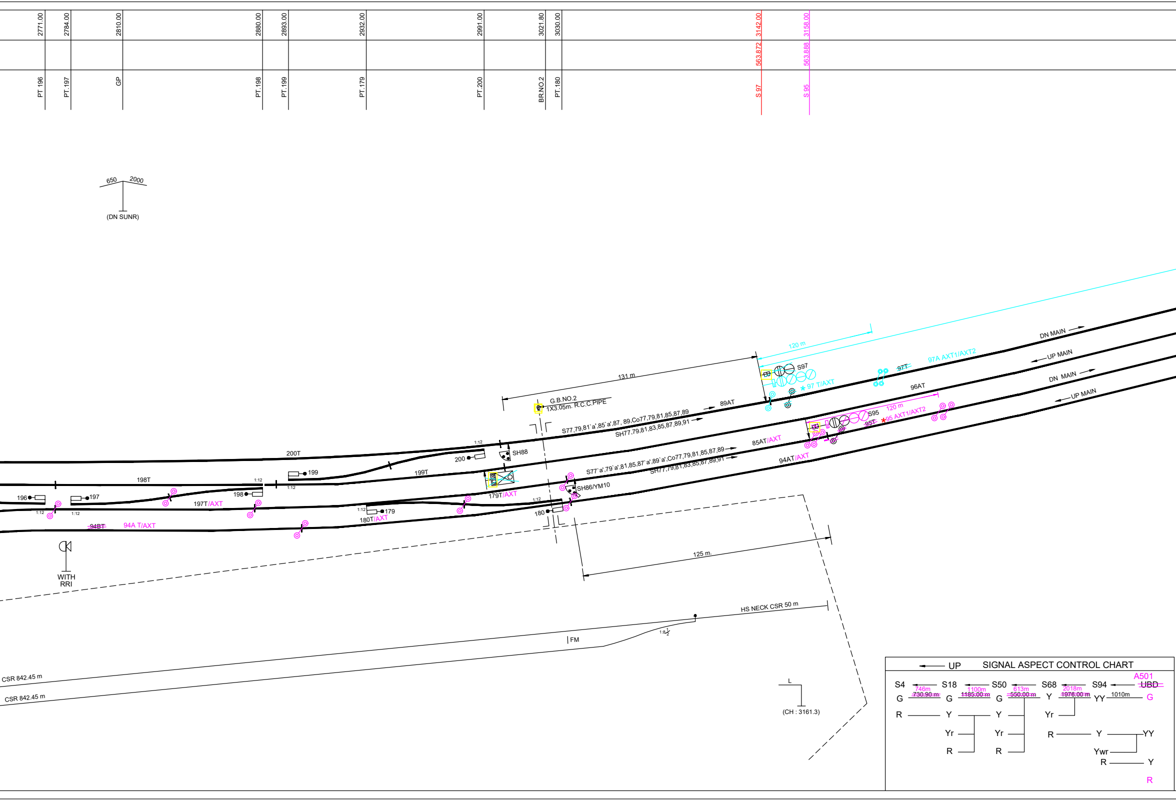

1750.00
1810.00
1837.00
1863.40
2036.00
562.766
2065.00
2081.28
2129.41
2154.58
2163.00
2190.03
2200.00
2204.26
GP
PT.263A
BR.NO.1
POINT175
S.89
FM & PT.181
POINT
POINT
POINT
PT. 182
FM
D/END
FM
L
2505
BR.NO.1
3 X 3.05m.G.B.
Km.562/4-5
263A
1:8½
S94`b'(Y),Co94,S96`b'(Y),Co96,SH84,86
S/Co/SH79
`a'
DOWN LOOP
1BT
678 m C.S.L.
690 m CLEAR
LINE NO. 1
SH78
1:12
181T
S/Co/SH89
`a'
DOWN MAIN
2BT
678 m C.S.L.
690 m CLEAR
LINE NO. 2
SH78
FM
181
135m.LONG D/END
NOT FOR STABLING
182T/AXT
182
1:12
UP MAIN
3BT
682.90 m C.S.L.
694.90 m CLEAR
LINE NO. 3
S94`b'(3),Co94,S96(3),Co96,SH82
3CT
SH78
UP LOOP DOWN
4BT
682.90 m C.S.L.
694.90 m CLEAR
LINE NO. 4
S94`b'(4),Co94,S96`a'(4),Co96,SH82
4CT
DOWN MAIN
5AT
688.00 m C.S.L.
700.00 m CLEAR
LINE NO. 5
5BT
SH80,82
UP MAIN
6AT
704.00 m C.S.L.
716.00 m CLEAR
LINE NO. 6
6BT
S94(6),A94,Co94,S96`a'(6),Co96,SH80
SH71
UP LOOP DOWN
7AT
175T
823.00 m C.S.L.
826.68 m CLEAR
LINE NO. 7
7BT
S94`a'(7),Co94,S96`a'(7),Co96,SH80
1:8½
175
CH 40
175 I 176
SH71
2624.00
TRAP POINT 176
CH42
181/182
WITH
RRI
GRFL BOUNDRY
FM
B-VAN
176
1:8½
FM
FM
SH76
1:8½
1:8½
GRFL YARD
BUILDING

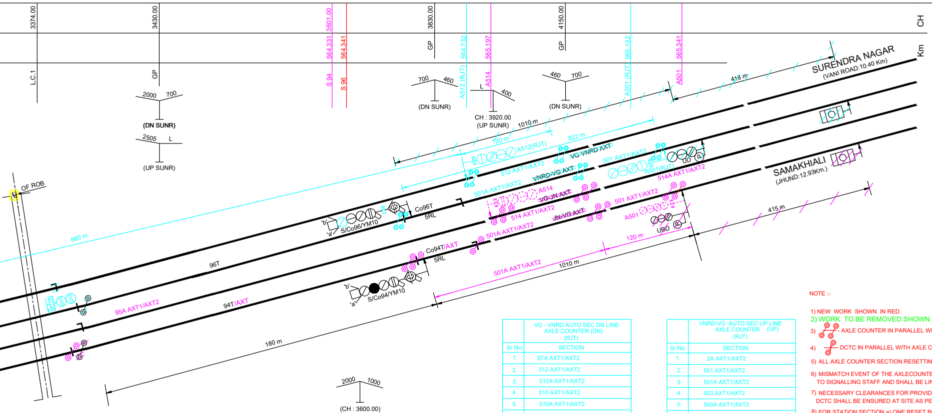
	MSDAC SECTION CONTROL FROM VIRAMGAM (UP)
Sr.No.	SECTION
1.	CO94 T/AXT
2.	94 T/AXT
3.	180 T/AXT
4.	94A T/AXT
5.	187 T/AXT
6.	186 T/AXT
7.	3AXT
8.	6AXT
9.	162/164T/AXT
10.	68 T/AXT
11.	159 T/AXT
12.	168 T/AXT
13.	103AT/BT/AXT
14.	138 AXT
15.	46 T/AXT
16.	144 T/AXT
17.	149 T/AXT
18.	152T T/AXT
19.	153 T/AXT
20.	62 T/AXT

	MSDAC SECTION CONTROL FROM VIRAMGAM (DN)
Sr.No.	SECTION
1.	97 T/AXT
2.	
3.	
4.	
5.	
6.	

2232.20		FM
2259.94		POINT
2272.00	563.002	S 85
2277.00		FM
2279.36		FM
2293.00		POINT 183
2305.26		POINT 185
2319.81		FM
2324.26		D/END
2339.15		POINT
2390.00		PT.186
2494.00		PT.191
2405.00		PT.187
2409.14		D/END
2425.19		D/END
2426.00		PT.184
2436.20		FM
2439.72		D/END
2441.00		PT.189
2500.00		PT.188
2502.00		PT.192
2513.00		D/END
2522.00		PT. 193
2537.00		PT.190
2569.00		D/END
2570.00		GP
2620.00		PT.194
2638.00		PT 195


2505
650
(DN SUNR)
BOARD WITH LEGEND
`NON-INTERLOCKED TERRITORY BEGINS'
SPI-2/YM-12
S/Co/SH77
'a'
SPI-2A/YM-12
191T
119m.LONG D/END
NOT FOR STABLING
89T
1:12
191
SH84,86
192T
192
193T
SH88
FM
SH91
S/Co/SH87
184T
FM
189
190T
193
194
SH84/YM10
SH86,88
195T
S/Co/SH85
FM
184
189T
190
120m.LONG D/END
NOT FOR STABLING
SH82
194T
195
183
S85 'a',Co85,SH85
SH83
183T/AXT
188T/AXT
S/Co/SH81
186T/AXT
FM
185
186
187
187T/AXT
188
SH80
A85,S/Co81,85,SH81,83,85
85T/AXT
SH86,88
196T/AXT
185T
OVER RUN LINE CSR 120 m
WITH
RRI
AS EXIST.
1000
(CH : 2400.00)
WITH
RRI
1000
2000
(CH : 2680.00)
GRFL BOUNDRY
SICK LINE CSR 120 m
SIDING CSR 120 m
1:8½
FM
FM
SH NECK CSR 70 m
1:8½
GRFL HANDLING / STABLING / HOLDING LINE No. 1
GRFL HANDLING / STABLING / HOLDING LINE No. 2


2771.00
2784.00
2810.00
2880.00
2893.00
2932.00
2991.00
3021.80
3030.00
3142.00
3158.00
563.872
563.888
PT 196
PT.197
GP
PT.198
PT.199
PT.179
PT.200
BR.NO.2
PT.180
S 97
S 95
650
2000
(DN SUNR)
131 m
120 m
G.B.NO.2
1X3.05m. R.C.C.PIPE
S97
* 97 T/AXT
~~97T~~
97A AXT1/AXT2
DN MAIN
UP MAIN
DN MAIN
UP MAIN
96AT
89AT
S77,79,81`a',85`a',87, 89,Co77,79,81,85,87,89
SH77,79,81,83,85,87,89,91
S95
~~95T~~
*95 AXT1/AXT2
120 m
85AT/AXT
94AT/AXT
S77`a',79`a',81,85,87`a',89`a',Co77,79,81,85,87,89
SH77,79,81,83,85,87,89,91
SH88
SH86/YM10
200T
200
1:12
199
199T
179T/AXT
198T
1:12
1:12
198
196
197
1:12
1:12
197T/AXT
1:12
179
180T/AXT
1:12
180
~~94BT~~
94A T/AXT
WITH
RRI
125 m.
HS NECK CSR 50 m
FM
1:8½
CSR 842.45 m
CSR 842.45 m
L
(CH : 3161.3)
UP
SIGNAL ASPECT CONTROL CHART
A501
S4
S18
S50
S68
S94
~~UBD~~
746m
~~730.90 m~~
1100m
~~1185.00 m~~
613m
~~550.00 m~~
2018m
~~1976.00 m~~
1010m
G
G
G
Y
YY
G
R
Y
Y
Yr
Yr
Yr
R
R
R
Y
YY
Ywr
R
Y
R


3374.00
3430.00
3601.00
3830.00
4150.00
CH
Km
564.331
564.341
GP
564.732
565.197
GP
565.132
565.341
L.C.1
GP
S 94
S 96
A512 (RJT)
A514
A501 (RJT)
A501
2000
700
(DN SUNR)
2505
L
(UP SUNR)
700
460
(DN SUNR)
L
400
CH : 3920.00
(UP SUNR)
460
700
(DN SUNR)
SURENDRA NAGAR
(VANI ROAD:10.40 Km)
418 m
1010 m
120 m
822 m
A512(RJT)
512 AXT1/AXT2
~~VG-VNRD AXT~~
501 AXT1/AXT2
UD
501A AXT1/AXT2
~~VNRD-VG AXT~~
A501(RJT)
514A AXT1/AXT2
SAMAKHIALI
(JHUND:12.93Km.)
A514
~~VG-JN AXT~~
514 AXT1/AXT2
~~JN-VG AXT~~
501 AXT1/AXT2
A501
UBD
415 m
501A AXT1/AXT2
120 m
501A AXT1/AXT2
1010 m
OF ROB
860 m
'b'
'a'
S/Co96/YM10
Co96T
5RL
96T
Co94T/AXT
5RL
'b'
'a'
S/Co94/YM10
STOP
95A AXT1/AXT2
94T/AXT
180 m
2000
1000
(CH : 3600.00)

RAMA KANT GUPTA	Digitally signed by RAMA KANT GUPTA Date: 2026.04.17 17:18:07 +05'30'	PRAVIND RA V WANJARI	Digitally signed by PRAVINDRA V WANJARI Date: 2026.05.05 18:24:36 +05'30'
(RAMAKANT GUPTA)		(PRAVINDRA VASUDEO WANJARI)	
CSTE (W-I) / CCG		CTPM / CCG	

NOTE :-

1) NEW WORK SHOWN IN RED.
2) WORK TO BE REMOVED SHOWN IN GREEN.
3) - AXLE COUNTER IN PARALLEL WITH AXLE COUNTER.(AUTO SECTION)
4) DCTC IN PARALLEL WITH AXLE COUNTER (STATION SECTION)
5) ALL AXLE COUNTER SECTION RESETTING SHALL BE PREPATORY TYPE ONLY.
6) MISMATCH EVENT OF THE AXLECOUNTERS FOR EACH TRACK SECTION SHALL BE INDICATED TO SIGNALLING STAFF AND SHALL BE LINEWISE.
7) NECESSARY CLEARANCES FOR PROVIDING DAC IN PARALLEL TO DAC & DAC IN PARALLEL TO DCTC SHALL BE ENSURED AT SITE AS PER EQUIPMENT MANUFACTURER.
8) FOR STATION SECTION a) ONE RESET BOX IS PROVIDED FOR EACH AXLE COUNTER IN PANEL ASM ROOM.
b) L.V. BOX SHALL BE PROVIDED AT SUITABLE LOCATION IN STATION SECTION TO ENSURE PHYSICAL LINE VACANT VERIFICATION FROM L.V. BOX LOCATION.
9) THE SUPERVISORY TRACK TO BE USED FOR RESETTING (PREPARTORY RESET) PURPOSE ONLY AND NOT TO BE USED FOR INTERLOCKING.
10) AXLE COUNTER TRACK IN MID SECTION TO BE PROVIDED WITH RESETTING FACILITY WITH PANEL ASM OF DISPATCHING STATION AFTER CO-OPERATION FROM RECEIVING STATION.
11) SIGNALING INSTALLATION SHALL BE SUITABLE FOR 25KV AC TRACTION.
12) UFSBI/FN MUX TO BE INSTALLED AS PER REQUIRMENT FOR INTER CABIN CONTROL(ICC)

NOTE:-

1. AUTO SIGNALLING WORK (PH-I) SHOWN IN RED COLOUR.
2.WORK TO BE REMOVED SHOWN IN GREEN COLOUR.
3. AUTO SIGNALLING WORK (PH-II) SHOWN IN MAGENTA COLOUR.
4. WORK TO BE REMOVED IN AUTO SIGNALLING WORK (PH-II) SHOWN IN HATCHED MAGENTA COLOUR.
5. AUTO SIGNALLING WORK AT VG WITH VNRD (PH-III) SHOWN IN CYAN COLOUR .
6. WORK TO BE REMOVED IN AUTO SIGNALLING WORK AT VG WITH VNRD SHOWN IN HATCHED CYAN COLOUR .

	VG - VNRD AUTO SEC DN LINE AXLE COUNTER (DN) (RJT)
Sr.No.	SECTION
1.	97A AXT1/AXT2
2.	512 AXT1/AXT2
3.	512A AXT1/AXT2
4.	510 AXT1/AXT2
5.	510A AXT1/AXT2
6.	508 AXT1/AXT2
7.	508A AXT1/AXT2
9.	506 AXT1/AXT2
10.	506A AXT1/AXT2
11.	504 AXT1/AXT2
12.	504A AXT1/AXT2
13.	502 AXT1/AXT2
14.	502A AXT1/AXT2
15.	

	VNRD-VG AUTO SEC UP LINE AXLE COUNTER (UP) (RJT)
Sr.No.	SECTION
1.	2A AXT1/AXT2
2.	501 AXT1/AXT2
3.	501A AXT1/AXT2
4.	503 AXT1/AXT2
5.	503A AXT1/AXT2
6.	505 AXT1/AXT2
7.	505A AXT1/AXT2
8.	507 AXT1/AXT2
9.	507A AXT1/AXT2
10.	509 AXT1/AXT2
11.	509A AXT1/AXT2

	MSDAC TRACK SECTION CHART FOR VG-JN DN DIRECTION
Sr. No.	SECTION
1	95A AXT1/AXT2
2	514 AXT1/AXT2
3	514A AXT1/AXT2
4	512 AXT1/AXT2
5	512A AXT1/AXT2
6	510 AXT1/AXT2
7	510A AXT1/AXT2
8	508 AXT1/AXT2
9	508A AXT1/AXT2
10	506 AXT1/AXT2
11	506A AXT1/AXT2
12	504 AXT1/AXT2
13	504A AXT1/AXT2
14	502 AXT1/AXT2
15	502A AXT1/AXT2

	MSDAC TRACK SECTION CHART FOR JN-VG UP DIRECTION
Sr. No.	SECTION
1	2A AXT1/AXT2
2	511 AXT1/AXT2
3	511A AXT1/AXT2
4	509 AXT1/AXT2
5	509A AXT1/AXT2
6	507 AXT1/AXT2
7	507A AXT1/AXT2
8	505 AXT1/AXT2
9	505A AXT1/AXT2
10	503 AXT1/AXT2
11	503A AXT1/AXT2
12	501 AXT1/AXT2
13	501A AXT1/AXT2

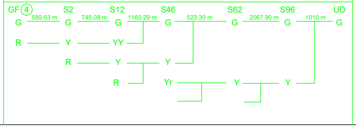
DEVIATION NOTE :-

DEVIATION AS APPLICABLE FOR THE YARD
1) DISPENSATION OBTAINED UNDER APPROVED SPECIAL INSTRUCTION FOR REF. TO G & SR - G. R. 3.13(2)
CRS'S SANC. NO. 41 - 5/5/241. DATED 08/04/2011
i) PROVISION OF CALLING ON SIGNALS BELOW DISPATCH SIGNALS.
S12,S14,S16,S18,S20,S22,S25,S26,S29,S31,S33,S35,S37,S38,S39,S62,S64,S66,S68,S70,S74,S77,S79,S81,S83,S85,S87,S89.

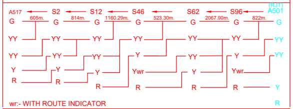
* THE MSDAC EVALUATOR CONNECTED TO ADVANCE TRACK WILL BE AT STATION BUT THE SUPERVISORY RESET WILL BE TAKEN CARE BY SECTION MSDAC.

# CO TRACK CIRCUIT WILL BE USED FOR CO_SIGNAL INTERLOCKING.

← UP SIGNAL ASPECT CONTROL CHART


GF ④
S2
S12
S46
S62
S96
UD
589.63 m
745.08 m
1160.29 m
523.30 m
2067.90 m
1010 m
G
G
G
G
G
G
G
R
Y
YY
R
Y
Y
R
Yr
Y
Y

← UP SIGNAL ASPECT CONTROL CHART


A517
S2
S12
S46
S62
S96
(RJT)
A501
605m.
814m.
1160.29m.
523.30m.
2067.90m.
822m.
G
G
G
G
G
G
G
YY
YY
YY
YY
YY
YY
YY
YY
YY
YY
Y
YY
Y
YY
Y
Y
Y
Ywr
Y
Ywr
R
R
R
R
R
R
Y
R

wr:- WITH ROUTE INDICATOR

विषय संख्या CASE NO.	SG 42/2/13
गेज GAUGE	B.G.
अंतर्पाशन मानक STD. OF INTERLOCKING	~~II~~ III
स्थानक की श्रेणी CLASS OF STATION	~~'B'~~ 'SPL'
विचलन DEVIATION	AS PER DEVITION TABLE
अनुकूल अभियांत्रिकी संख्या	CAO(C)CCG/23354/ F-VG-SIOB/R2
विस्थापित संकेत नक्शा संख्या SUPERSEDES SIG. PLAN NO.	SG (SP) 4106/7 SG (SP) 4106/7B

ALTERATION(S)

REVISIONS

0

परिक्षण
CHECKED

Digitally signed by AKHILESH KUMAR
Date: 2026.04.17
13:23:06+05'30'
का.सं.दू.अभियंता ESTE(D)

Digitally signed by UMA SHANKAR MISHRA
Date: 2026.04.17
11:58:20+05'30'
स.का.सं.दू.अभियंता AESTE(D)

व.सेक्शन अभियंता SSE(DRG/SIG)

आरेखन
DRAWN

JAMAL
MOHAMMAD
Digitally signed by JAMAL MOHAMMAD
Date: 2026.04.17
11:48:23 +05'30'
व.सेक्शन अभियंता SSE (DRG)

जूनियर अभियंता JE (DRG)

SRIDHAR GANESH
DEVULAPALLI
Digitally signed by SRIDHAR GANESH DEVULAPALLI
Date: 2026.04.17
15:32:02
+05'30'
(D.S. GANESH)

कृते मु.सं.दू.सं.अभि. f C S T E

अनुमोदित APPROVED

PROVISION OF AUTOMATIC BLOCK
SIGNALLING AT SANAND -SAMAKHIALI SECTION
& VIRAMGAM-RAJKOT SECTION.

DESCRIPTION OF WORK

–

कार्य शुरू
करने की
तारीख

DATE
OF
OPENING

–

रेल सुरक्षा
आयुक्त / प मु.
प्र.मु.सं.दू.सं.अभि
आयुक्त मंजुरी
संख्या और
तारीख

CRS/
PCSTE
SANC NO.
& DATE

स्थानक
STATION.

वीरमगाम जं. VIRAMGAM JN.

शीर्ष
VER. 1:0500 UNITS.

समतल
HOR. 1:1500 UNITS.

मापनी

अहमदाबाद
मंडल
DIVISION
AHMEDABAD

आरेख संख्या
DRG.NO.
SG (SP) 4106/7 C

पश्चिम रेलवे – संकेत एवं दूरसंचार विभाग
WESTERN RAILWAY – SIGNAL AND TELECOMMUNICATION DEPARTMENT.