

BRITISH RAILWAYS BOARD

SPECIFICATION No. BR 1651 PART 3

FIBRE OPTIC BANNER SIGNAL

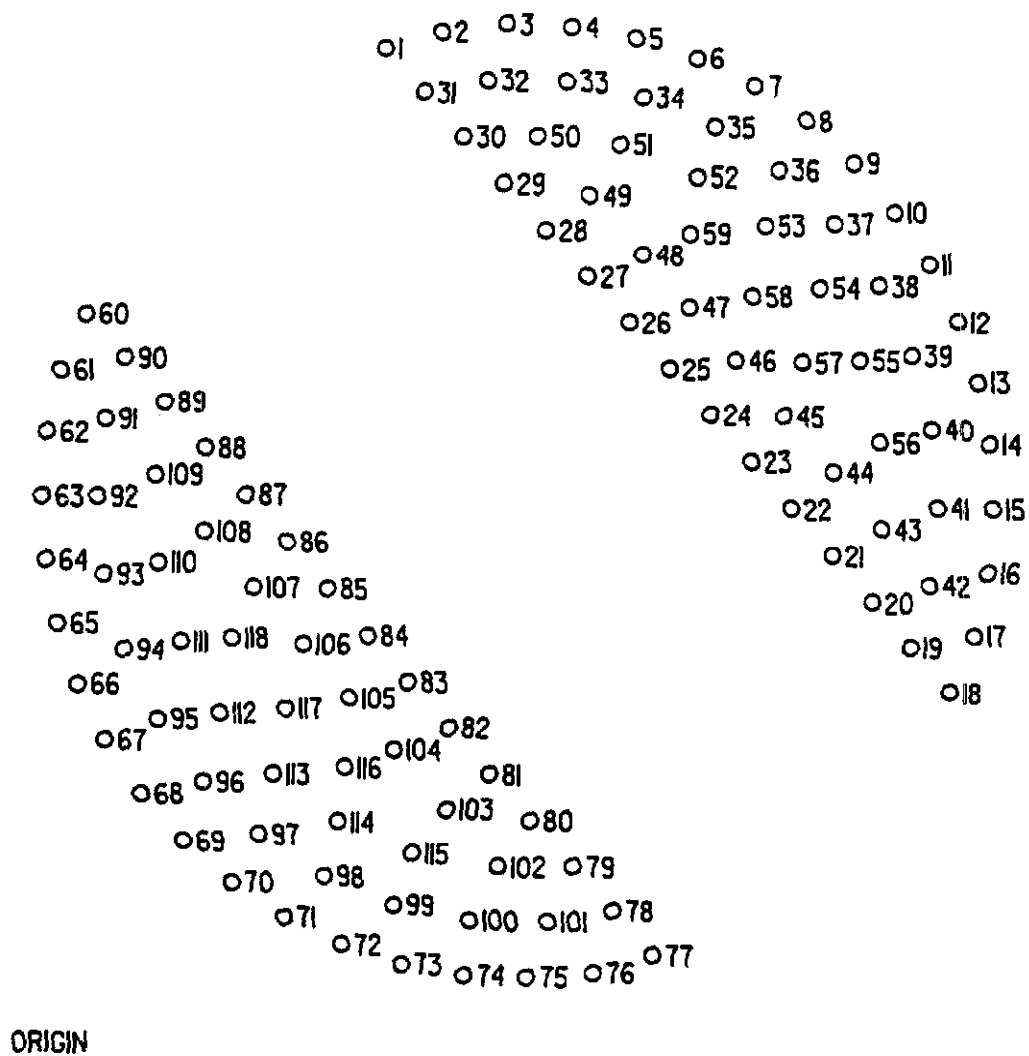
PRELIMINARY

The information contained in this document is confidential and must not be used other than for the purposes for which this specification was released.

TABLE 2 PAGE 3 of 3

CO-ORDINATES OF FIBRE POINTS FOR HORIZONTAL INDICATION

POINT IDENTIFICATION	X CO-ORDINATE mm	Y CO-ORDINATE mm
81	370.2	175
82	337.8	175
83	305.4	175
84	273	175
85	240.6	175
86	208.2	175
87	175.8	175
88	143.4	175
89	110.9	175
90	79.8	175
91	97.3	146
92	124.7	116.1
93	157.2	91.8
94	193.5	73.8
95	232.6	62.7
96	273	59
97	313.4	62.7
98	352.5	73.8
99	388.8	91.8
100	421.3	116.1
101	448.7	146
102	409.7	146
103	370.6	146
104	331.6	146
105	292.5	146
106	255	146
107	218.4	146
108	176.9	146
109	136.3	146
110	171.5	117
111	210	98.6
112	253.2	89.2
113	291.8	89.2
114	334.5	97.6
115	374.5	117
116	316.8	120
117	273	117
118	226.2	120



GRAPH 1

FOR POINT COORDINATES SEE TABLE 1 ON SHEETS 1, 2 & 3 OF APPENDIX 'A'

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LAYOUT OF FIBRE POINTS
FOR
DIAGONAL INDICATION

APPENDIX 'A'
Documents
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07 08 09 010 011 012
 06 036 037 038 013
 05 035 053 054 039 014
 04 034 052 055 040 015
 03 033 051 059 058 057 056 041 016
 02 032 050 049 048 047 046 045 044 043 042 017
 01 031 030 029 028 027 026 025 024 023 022 021 020 019 018

060 090 089 088 087 086 085 084 083 082 081 080 079 078 077
 061 091 0109 0108 0107 0106 0105 0104 0103 0102 0101 076
 062 092 0110 0118 0117 0116 0115 0100 075
 063 093 0111 0112 0113 0114 099 074
 064 094 095 096 097 098 073
 065 066 067 068 069 070 071 072

ORIGIN

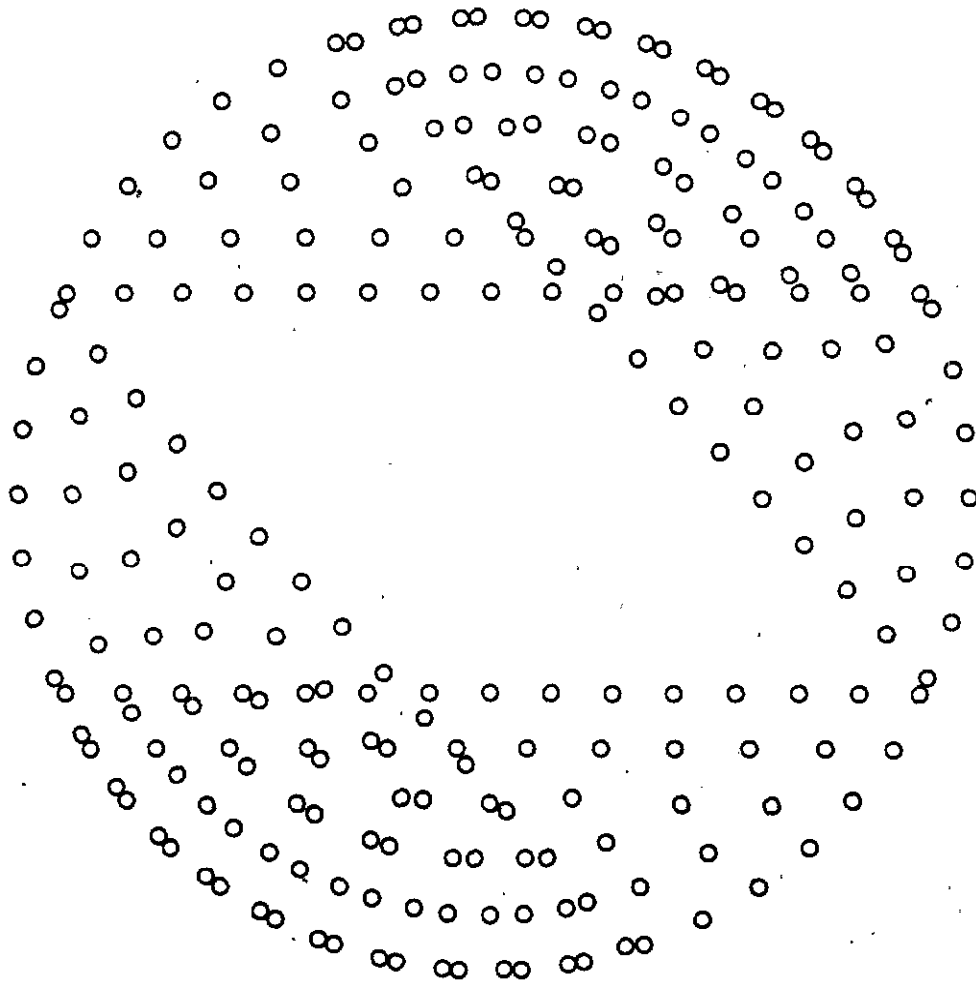
GRAPH 2

FOR POINT COORDINATES SEE TABLE 2 ON SHEETS 4, 5 & 6 OF APPENDIX 'A'

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LAYOUT OF FIBRE POINTS
 FOR
 HORIZONTAL INDICATION

APPENDIX 'A'
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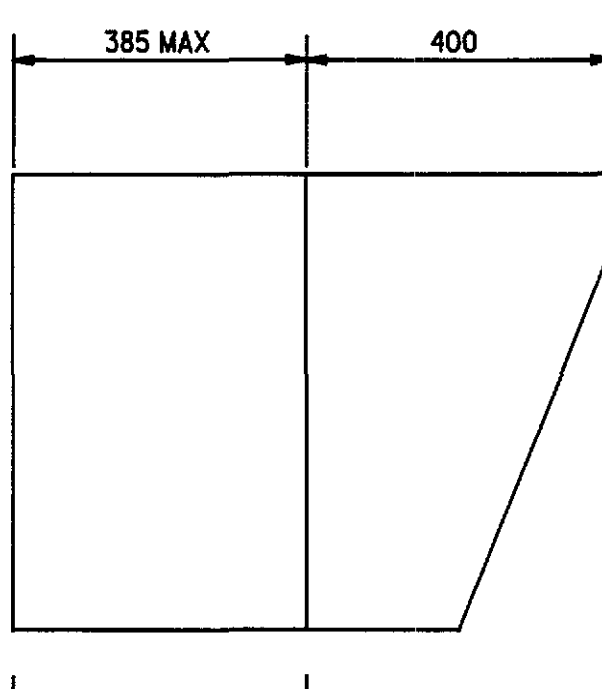
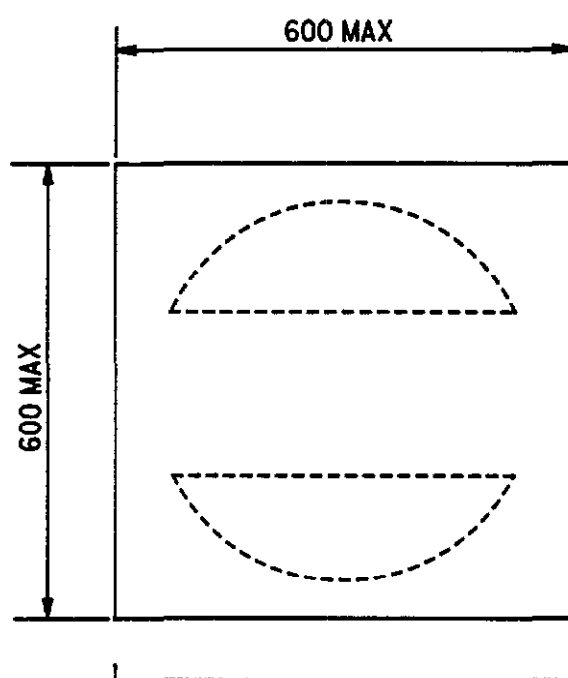
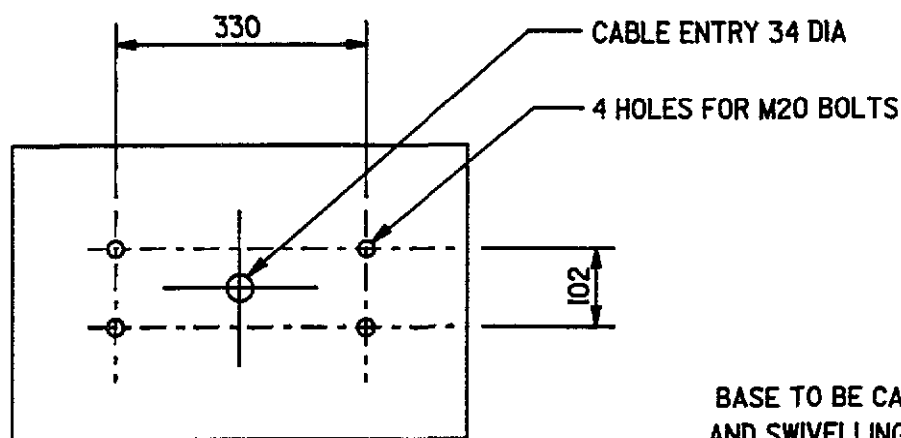
ORIGIN

GRAPH 3

BRITISH RAILWAYS BOARD
BR SPECIFICATION 1651 PART 3
FIBRE OPTIC BANNER SIGNAL

COMPOSITE LAYOUT
OF FIBRE POINTS
FOR BOTH INDICATIONS

APPENDIX 'A'
Documents
Sheet 9 of 9



80 MAX FOR TILT & SWIVEL BASE ARRANGEMENT

DIMENSIONS ARE IN MILLIMETRES

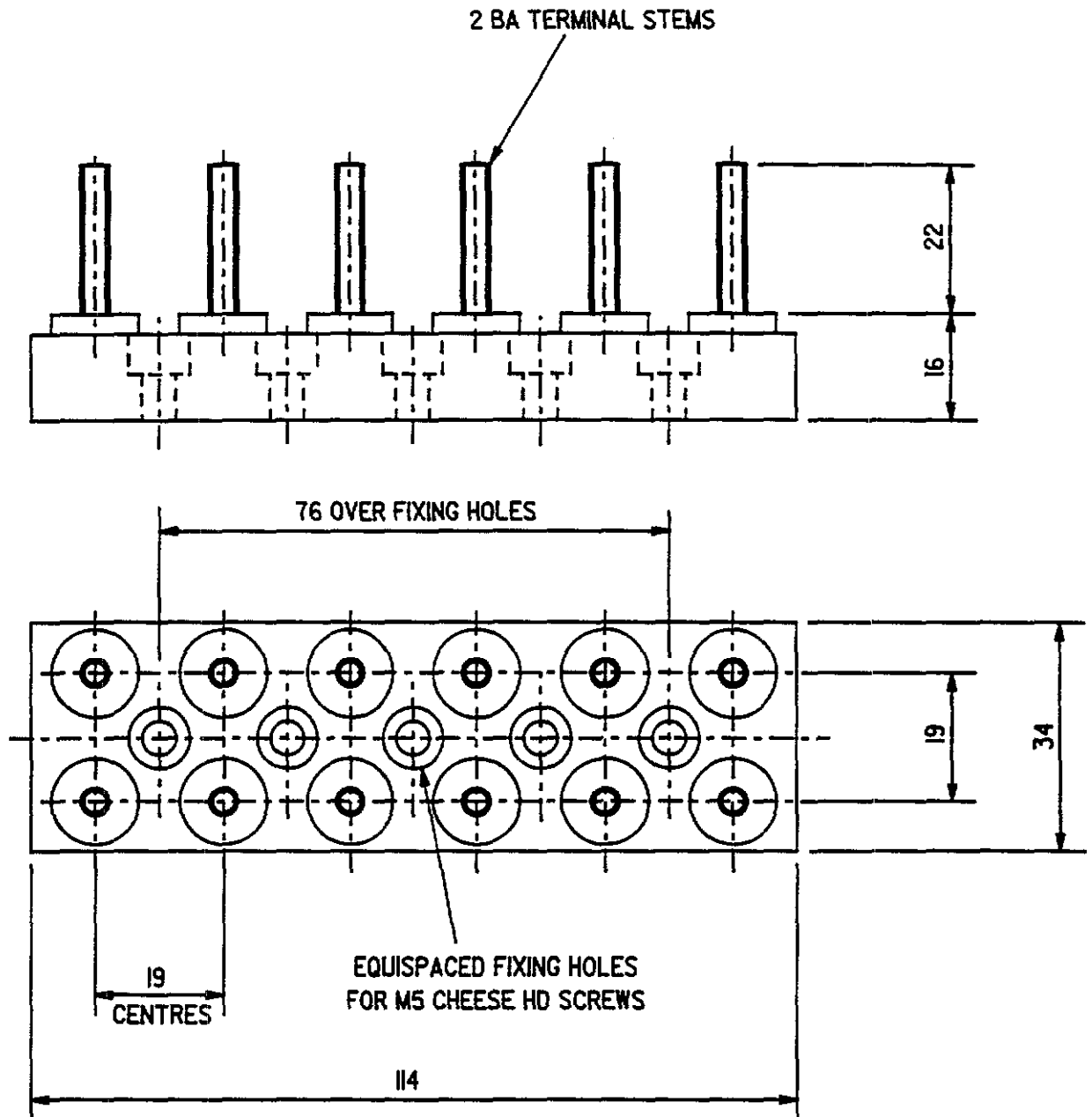
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FIBRE OPTIC BANNER SIGNAL

BANNER INDICATOR



APPENDIX 'B'
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MELAMINE



FOR FURTHER DETAILS SEE DRG. No. BRS-SE 37

DIMENSIONS ARE IN MILLIMETRES

BRITISH RAILWAYS BOARD
BR SPECIFICATION 1651 PART 3
FIBRE OPTIC BANNER SIGNAL

TERMINAL BLOCK

APPENDIX 'C'
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