

LNER Station Kit ————— BE9



PROTOTYPE MODELS Kit BE9 - LNER Station

INSTRUCTIONS

Heckington Station is situated on the former Great Northern Railway line from Grantham to Boston. The building style is typically austere and its size makes it suitable for use either in its prototype form as a through station, or as a terminal station on a reasonably important branch line. The two storey centre section is the Station Master's Residence, and the single storey extensions to left and right are the Ladies Room/Booking Office and Porters Room/Booking Office and Porters Room/Gents respectively.

Parts are generally numbered in order of construction and should be cut out as required. In most cases where a part is to be fixed to another one, the one part's reference number is quoted on the other. A **sharp** modelling knife and metal straight edge should be used for cutting and scoring, and an impact adhesive for glueing parts together, although we would also recommend double-sided adhesive tape for many jobs during construction. The advantage of the latter is that it can be fixed in place before parts are cut out and the backing paper peeled off immediately before bonding. It is particularly useful for fixing backing sections in place and gives a very clean and uniform adhesive covering, especially around windows and doors.

Residence

1. Cut out front wall 1, backing 2 (remove parts 118), top ridge 3, centre ridge 4, plinths 5 and 6, and sills 7-11. Glue backing behind front wall so that there is an equal $\frac{1}{2}$ mm overlap at each side - this overlap technique is employed later as a form of interlocking when fixing sub-assemblies together, see Fig. 1. Glue top ridge to top edge of front, centre ridge above lower windows, and plinths 5 and 6 to left and right of doorway so that in each case there is once again an equal $\frac{1}{2}$ mm overlap at either outer edge. Cut out glazing parts 7-11, (the layout of the glazing sheet is shown in Figure 2). Fix glazing behind and sills below their respective windows.
2. Repeat stage 1 with the rear wall 12, backing 13 (remove parts 80), top ridge 14, centre ridge 15, plinths 16 and 17, and sills/glazing 18-22. Note that plinth 17 should extend 84mm beyond the right hand edge of the rear wall and will be used later. Cut out drainpipe 23 and glue to the rear wall so that the hopper end is immediately below the small square opening in the top ridge.
3. Cut out doors 24 and 26, backing panels 25 and 27, and clear glazing panel 24. Glue backing panels behind doors - 25 to 24 and 27 to 26 - and

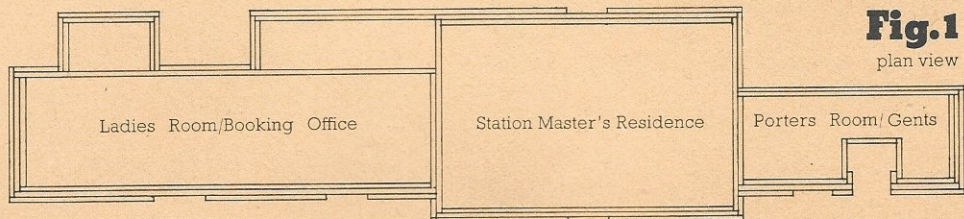
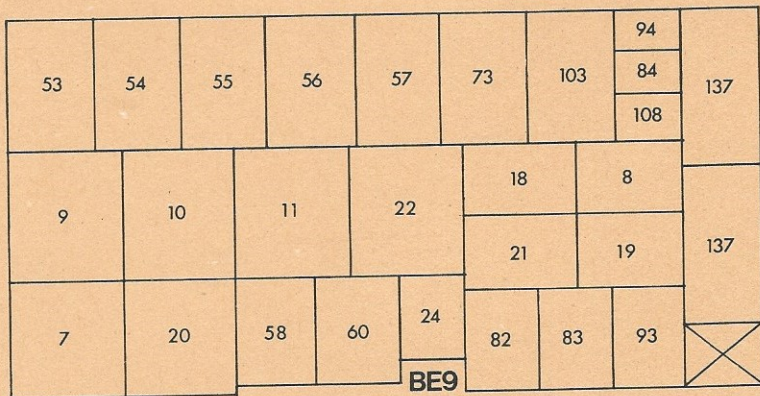


Fig.1

plan view

Fig. 2
glazing layout



4. Cut out side walls 30 and 31, centre ridges 32-35, plinths 36-38, and fascia board/gutter sets 39-41. Glue ridges and plinths to sides so that there is an equal $\frac{1}{2}$ mm overlap at outer edges, then glue fascia boards to top edge of side walls. Colour the reverse of gutters black and glue edge on black side uppermost to the centre of their respective fascia boards, see Fig. 3. Repeat the colouring of gutters with all subsequent sets. Cut out drainpipes 42 and 43 and glue to left and right fascia boards of wall 30. Cut out drainpipe 44 and glue to fascia board of side 31.
5. Cut out inner end formers of single storey extensions 45 (remove parts 107-110), and glue to side walls of residence as indicated.
6. The front, rear, and sides of the residence can now be joined together - see plan view in Fig. 1. We would recommend that two strengtheners be made from thick card to glue inside the building at the two floor levels, to provide extra rigidity and to keep all corners square.

Booking Office

7. Cut out front wall of booking office 46, backing 47, plinths 48-50, top ridge 51, fascia board/gutter set 52, and sills/glazing 53-57. Glue backing behind wall so that there is an equal $\frac{1}{2}$ mm overlap at each end and plinths along bottom edge of wall so that the only overlap is at the extreme left hand edge. Glue top ridge along the top edge of the wall, fascia board to the top two courses of the top ridge, and the gutter black side uppermost to the fascia board. Fix glazing behind and sills below their respective windows.
8. Cut out doors 58 and 60, backing panels 59 and 61, and clear glazing 58 and 60. Construct the doors then glue them behind their respective doorways. Cut out stone thresholds 62 and 63 and glue grey tabs under doors.
9. Cut out drainpipes 64-66 and glue in position on wall.
10. Cut out rear wall of booking office 67 (including six slots A-F), plinths 68 and 69, fascia board/gutter sets 70 and 71, drainpipes 72, and sill/glazing 73. Glue plinths along the bottom edge in positions indicated, and fascia board/gutters along the top edge. Glue drainpipes to wall, then fix glazing behind and sill below the window.
11. Cut out end wall 74, backing 75, and plinth 76. Glue plinth to end wall and end wall to backing so that each in turn overlaps by $\frac{1}{2}$ mm at each side.
12. Join together the front, end, and rear of the booking office, then glue the complete assembly to the residence, see Fig. 1. Once again it is a good idea to strengthen the office with two

pieces of stiff card, one at ground level and one at ceiling level.

13. Cut out first lean-to office wall 77, office side 78, plinth 79, fascia board/gutter set 80, drainpipe 81, and sills/glazing 82-84. Glue glazing behind and sills below windows, then glue side to rear wall of booking office - tabs locate in slots A and B. Glue office wall to the plinth extending from the rear wall of the residence, at the same time glueing its left hand edge to the residence side wall. Join the office wall to the office side, then glue plinth 79 along the bottom edge of the side, and fascia board/gutter along the top edge of the wall. Glue drainpipe to wall.
14. Cut out second lean-to office wall 85, sides 86 and 87, plinths 88-90, fascia board/gutter set 91, drainpipe 92, and sills/glazing 93 and 94. Glue glazing behind and sills below windows. Fix the sides to the rear wall of the booking office - tabs locate in slots C-F - and glue the office wall to the office sides. Glue plinths along the bottom edge of the office, fascia board/gutter to the top edge of the wall, and drainpipe to wall.

Porters Room

15. Cut out front wall 95, backing 96, plinths 97-99, top ridge 100, fascia board/gutter set 101, drainpipe 102, and sill/glazing 103. Glue backing behind wall so that there is an equal $\frac{1}{2}$ mm overlap at each end and plinths along the bottom edge so that the only overlap is at the extreme right hand edge. Glue top ridge along top edge of wall, and fascia board/gutter to the top two courses of the top ridge. Glue glazing behind and sill below window and drainpipe to wall.
16. Cut out porters door 104, drip moulding 105, and stone threshold 106. Glue drip moulding to bottom edge of door, glue door behind doorway, and glue threshold tab under door.
17. Cut out gents toilet screen parts 107-110, glazing 108, and archway brick courses 112. Glue the arch courses around the $\frac{1}{2}$ mm overlap behind the archway and the glazing behind the window. Glue the vertical post 110 to the wood screen 109, then glue wall 108 between wall 107 and the wood screen. Fix the complete assembly behind the archway, see Fig. 1.
18. Cut out end 113, end backing 114, end plinth, 115, rear wall 116, rear wall plinth 117, fascia board/gutter set 118 and drainpipe 119. Proceed with construction as for other single storey section, and glue complete assembly to the residence, see Fig. 1.

Roofs and other details

19. Cut out roofs 120, 121, and 122. Score along the centrelines of 121 and 122; fold and glue to the booking office and porters/gents respectively. (Ensure that the ventilator opening in 122 is over the gents toilet!). Roof 120 should be scored three times, the centre scoring being on the reverse of the card. Fold along these lines and glue to the residence so that the inset is at the porters/gents end.

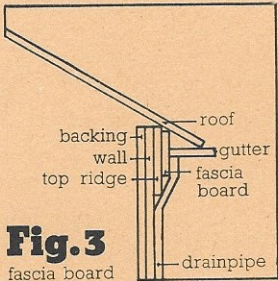
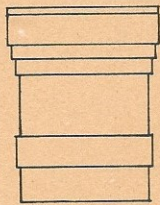


Fig. 3
fascia board

Fig. 4
chimneys



20. Cut out residence top ridge inner walls 123 (front) and 124 (rear), and top ridge end sections 125. Glue one part 125 behind each outer end of the top ridge in the 1/2mm overlap, then glue the inner walls between these end sections and to the roof. Score cappings 126 and then cut out. Glue pairs back to back, fold along score lines, and then glue to top ridges.
21. Cut out booking office and porters end inner walls 127 and 128, and wall ends 129. Glue one part 129 to each overhanging section of the two ends and to the roof. The booking office inner walls are in two sections to give clearance for a chimney. Score and cut out cappings 130 and 131, glue back to back, fold along score lines, and then glue in position on top of end walls.
22. Cut out ventilator sides 132, ends 133, end backings 134, barge boards 135, fascia boards 136 and clear glazing 137. Glue backings to ends, and sides between ends. Glue barge boards to top edges of ends, and fascia boards to top edges of sides. Score and fold roof along its centreline, glue glazing to its underside, and glue roof to ventilator and ventilator in position over the opening above the gents toilet.

Chimneys

23. All chimneys are numbered in sets comprising four base sections, four main sections, four wrap-round courses (on this sheet) and a capping. Their position on the building is indicated by their set number. Note that chimneys 138 and 141 have no base sections. Glue the two narrower sections of each group between the two wider sections, and the main assembly inside the base assembly. The wrap-round courses are longer than required and should be trimmed off when in position, see Fig. 4. Glue cappings to the tops of the chimneys and the chimney pots 142 (on this sheet) to the cappings. Score centrelines of ridge tiles 143-148, cut out, and position as follows: 143 to the ridge of the booking office, 144 and 145 to the left hand ridge of the residence on either side of the chimney, 146 to the right hand ridge, and 147 and 148 to the porters/gents on either side of the ventilator.
24. Cut out doorplates 149-152 and glue to the four doors on the front of the building in numerical order from left to right. Cut out doorplate 153 and glue to the rear door of the residence.

The model is now complete but its appearance can be greatly improved by touching in exposed edges of card with the appropriate coloured paint.



PROTOTYPE MODELS
Market Harborough, Leicestershire.