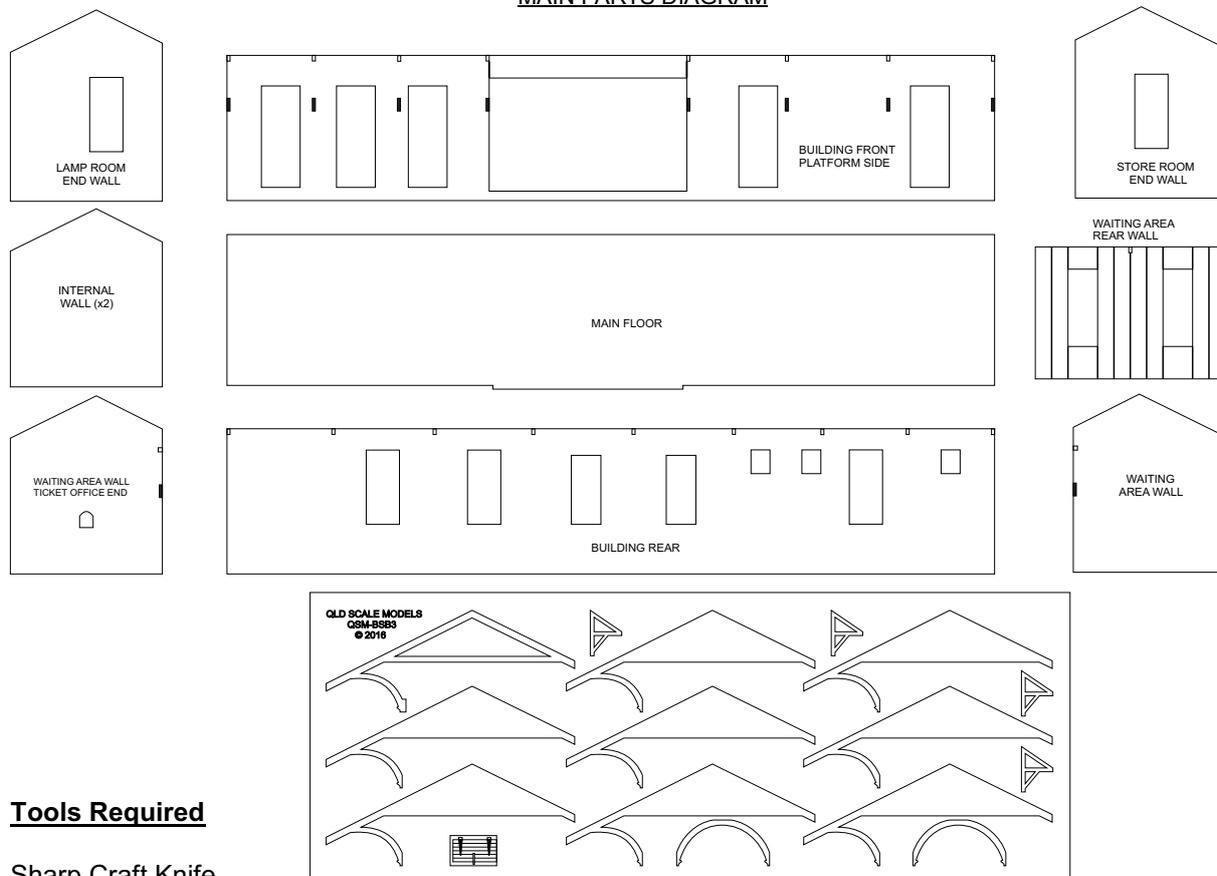


# Railway Station Building - "TEMPLETON"

## Assembly Instructions

### MAIN PARTS DIAGRAM



### Tools Required

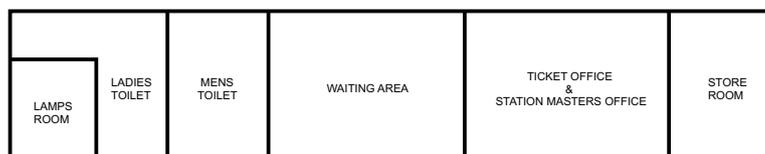
Sharp Craft Knife

Fine Modelling File

Tweezers

Pencil

### FLOORPLAN DIAGRAM



### Glue

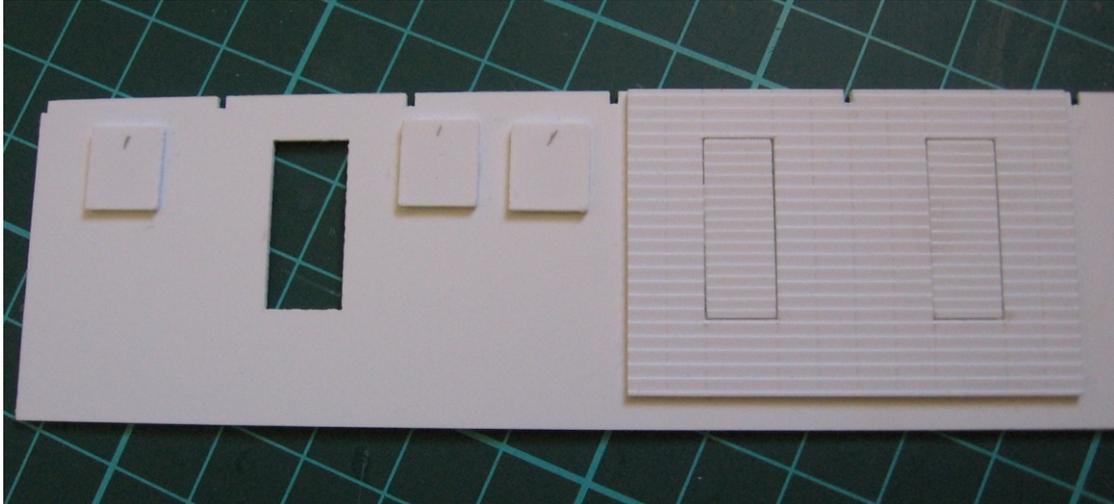
This kit is predominately made up of styrene components. Suitable styrene glue such as MEK is required for the styrene components of this kit. We recommend Microscale Micro Weld as highly suitable styrene glue. The kit also contains various other plastics, which we recommend super glue or equivalent product be used to achieve a good bond between the different materials, and styrene. We recommend Selleys Quick Fix Liquid as suitable super glue. For the clear plastic components of the windows, we recommend Microscale Krystal Kleer be used as the glue.

### Assembly Notes

Before starting assembly of your model station building, familiarise yourself with the various components and their names by using the attached diagram and the labelling of the bags containing the detail parts. Do not remove the detail parts from the bags until they are required to be used. The instructions steps will tell you when certain parts are required.

**Step 1.**

Identify the front and rear walls of the building as well as the two building ends and the waiting area walls. We recommend that the windows **NOT** be fitted at this point, but fitted later, after assembly and painting of the building. Assembly of the windows and doors will be covered in a later step of construction. In the bag labelled **REAR WALL WINDOWS**, you will find 3 small square white styrene component which has the louver profile for the small toilet windows located on the rear of the building. This part is to be fitted from the rear to cover the back of the window opening. Ensure that the louvers are orientated in the correct direction before gluing into place.

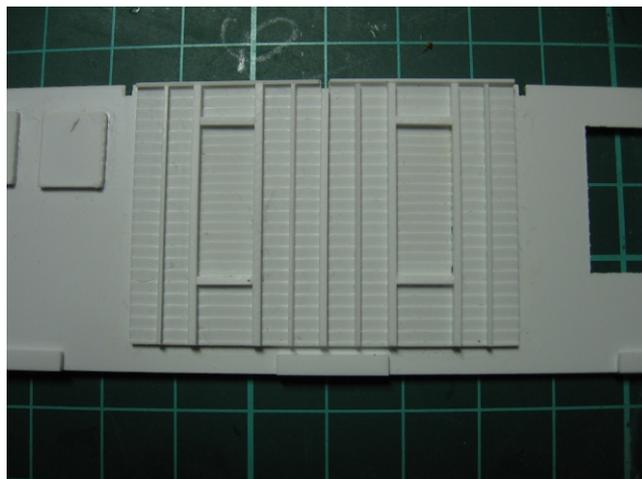


**Step 2.**

Identify the waiting area rear wall from the bag labelled **WAITING AREA WALLS**. Glue the weatherboard profiled wall to the inside of the building back wall. Ensure that the weatherboard profile runs in the reverse of the outside profile, to replicate the inside of the weatherboard wall. Also ensure that the notch at the top of the wall, and the vertical edges of the windows align on both pieces. Once the glue has set on the wall, identify from the bag labelled **REAR WALL WINDOWS** the 4 ventilation louver pieces for the rear wall. The longer of the two pieces are to be inserted first from the waiting area side of the building as per the above photograph. The two outer sides are to be glued back to back with the inside pieces. Ensure that the louver profile is orientated the correct way.

Next glue in place the pre-cut studs into place. You will find the studs and framing in the bag labelled **WAITING AREA PARTS**. Start by glueing the shorter pieces of HO scale 3 x 2 material at the top of each half of the inside wall to form the top plate. You will find lightly engraved lines on the inside wall to assist you in locating the correct position for each stud. The 5 thicker studs are to be used around the louver window edges, and under the slot in the centre. Ensure that the slot at the top of the wall is unblocked, as this later supports the roof truss. The stud under the centre slot will need to be trimmed at the bottom after installation. The smaller HO Scale 3 x 2 studs are to be fitted to the other 4 locations. Then glue the 2 shorter pieces of square styrene into place above and below the shutter as shown in the photo below.

Once the glue has set on the studs, trim or file back any overhanging material on the bottom of the internal wall.



**Step 3.**

Identify the bag labelled **REAR WALL WINDOW FRAMING**. Identify the small pieces which form the toilet window framing and study the photo below. Dry fit the components before glueing into place. Start by fitting the top piece into the window opening, and then the two sides, followed by the piece which forms the sill. Next fit the framing around the two louver windows. Once again dry fit the pieces first before glueing into place.

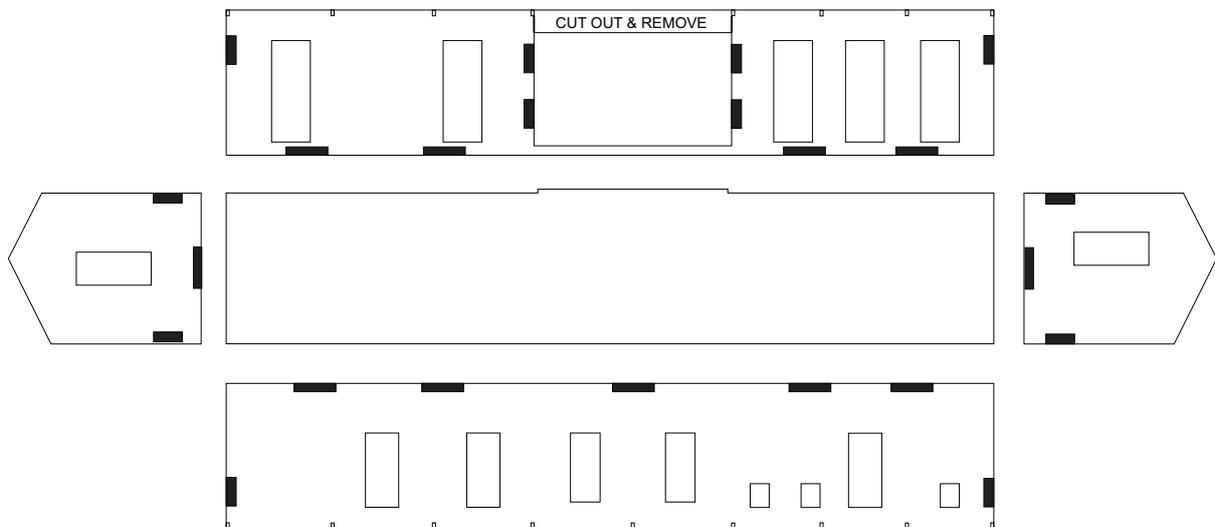


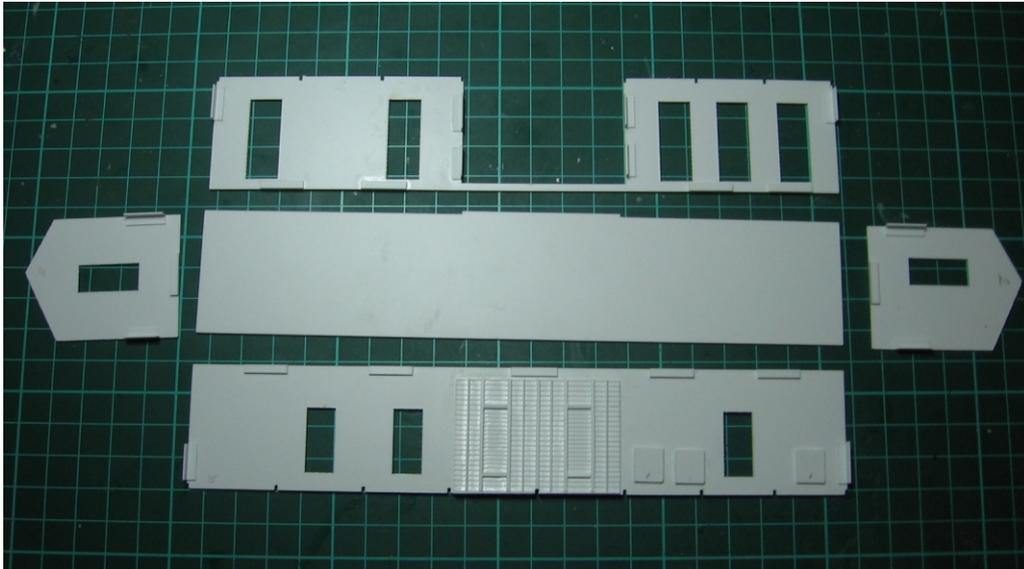
**Step 4.**

Identify the small bag labelled **STRYENE ANGLE**. The styrene angle is to be used to hold the corners of each side of the building and the base. It is important that the location of the angle pieces will not interfere with any other compoants such as doors, the waiting area floor. Lay the main floor and the external walls of the building out on your work area as shown in the diagram below. Attach the styrene angles at the positions shown as the large black rectangles in the diagram. It is very important that the edge of the styrene angle be aligned exactly with the edge or corner of the building component.

The 2.5mm strips are to be used to support the building floor and should be positioned flush with the bottom of the walls so as to raise the floor 2.5mm from the bottom. Refer to the drawing and photo below for the position of these strips.

Identify the front of the building and remove the small section at the top of the waiting area which has been marked "REMOVE". You will find two small engraved lines on either side to assist you. The section at the bottom is to remain intact and will later form part of the floor for the waiting area.





**Step 5.**

Identify the Waiting Area wall with the ticket window opening. In the bag labelled **TICKET WINDOW** you will find the styrene ticket window that is to be glued into place at the back of the ticket window opening. The window should now be glued into place from the rear. Next glue the small bench in front of the ticket window of the waiting area wall. You will find this bench in the bag labelled **TICKET WINDOW** as well as the two small brackets which are to be glued below the bench. The widest edge of the bracket is to be fitted to the base of the bench as per the diagram below.



**Step 6.**

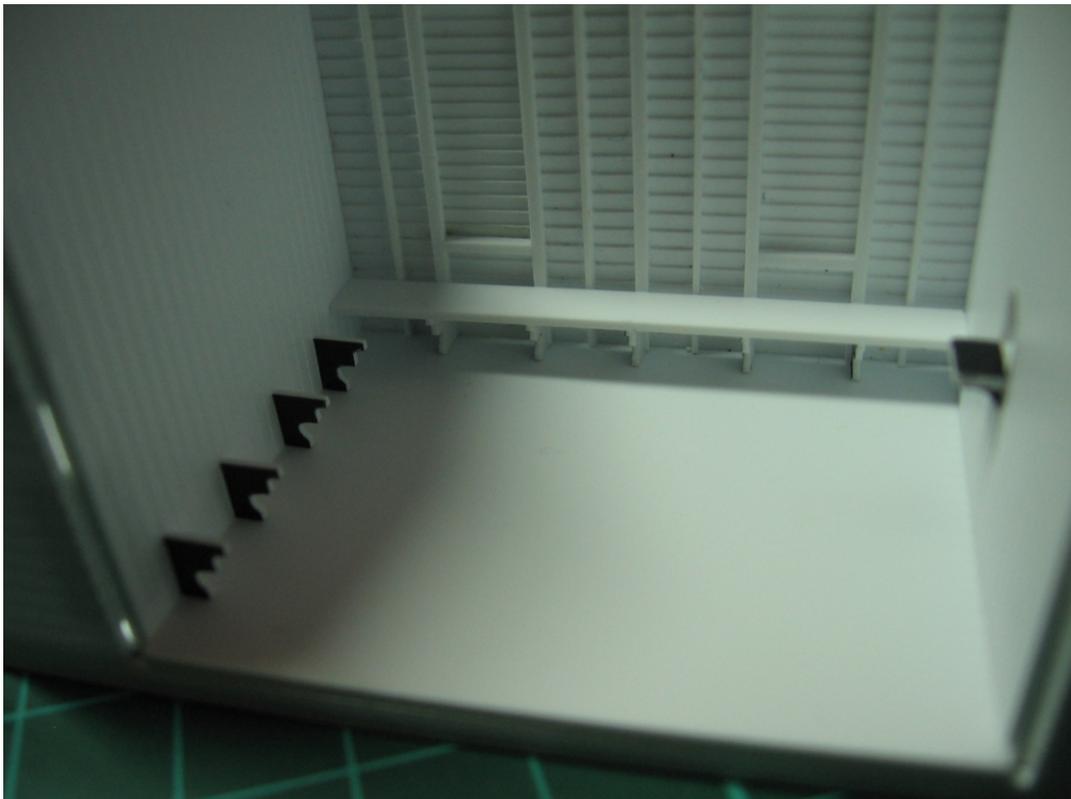
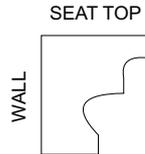
Now it is time to start assembling our building. Start by joining the floor with the rear wall. The floor is supported by the 2.5mm styrene strips fitted earlier to the base of the rear wall, and under the bottom of the waiting area rear wall. Next stand the two end walls and glue them to the floor and the rear wall by the styrene angle fitted earlier. Glue the front wall into place using the technique used earlier on the rear and side walls. When the walls are brought together, a 1mm x 1mm section will be left exposed at the corner. This will be later capped with a pre-cut piece of styrene strip.

**Step 7.**

Once the glue has firmly set on the previous step, insert the two waiting area walls. The wall with the ticket window is to be placed on the Ticket Office side (refer to floor plan diagram) of the waiting area. Insert the internal partition walls inside the building. One wall is to be placed between the Store Room and the Ticket Office, and the other between the Lamp Room and the Ladies Toilet. A exposed 1mm gap is to be left at the front of the waiting area which will be capped in a later step.

**Step 8.**

Now it is time to detail the waiting area. Identify the bag labelled **WAITING AREA PARTS**. A railway telephone cabinet has been supplied with the kit and can be fitted if you choose. You will find this cabinet on the sheet of parts with the roof trusses. Fit the telephone cabinet to the ticket office side wall of the waiting area. The bottom of the cabinet should be level with the bottom of the ticket window, and the vertical edge should be approximately 1.5mm from the edge with the front of the building. Next fit the chairs for the waiting area bench seats. The chairs have a very distinctive shape, and should be oriented in the manner described in the diagram below. Start by gluing five chairs to the back wall studs. Use a ruler and pencil to mark the position of the chairs along the side wall at equal spacing. Next identify the seat benches from the waiting area parts bags. Use a file to radius one corner of the bench that will face to the platform edge.



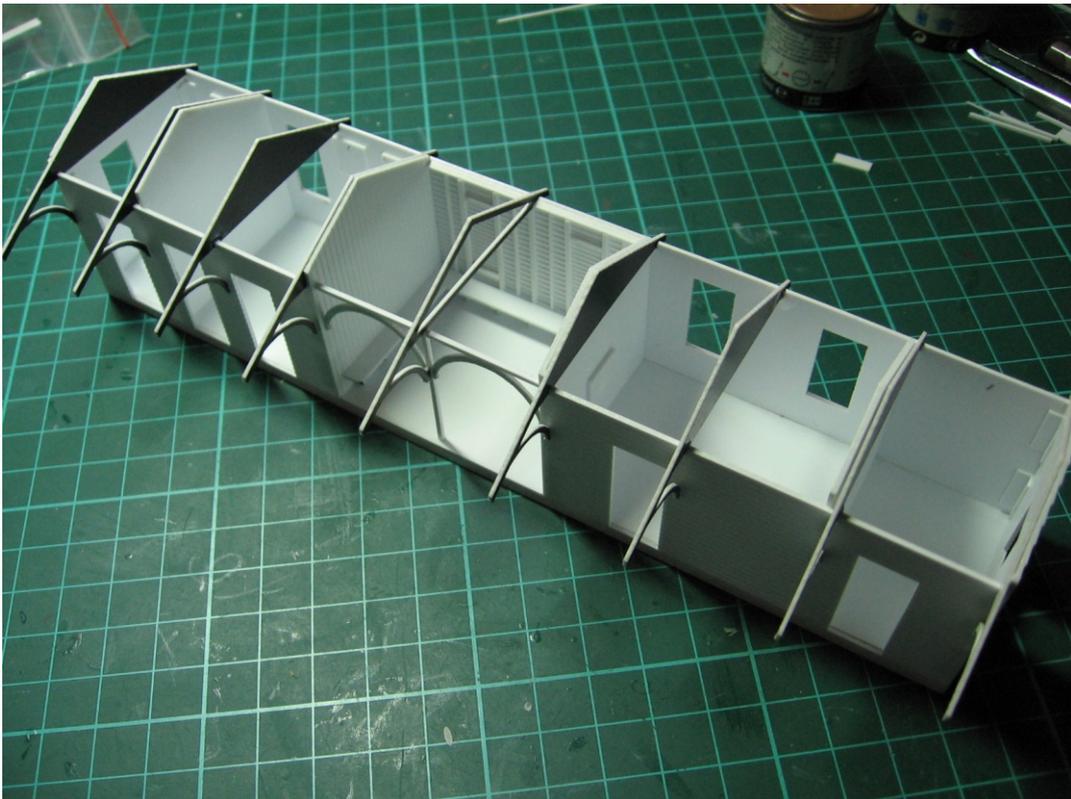
**Step 9.**

From the bag labelled **WAITING AREA ARCH** identify the two HO scale pieces of 4" x 4" which will be used to form the framework over the platform side entrance to the waiting area. The longer of the two pieces measuring is to be used as the top horizontal rail. The other piece will become the centre post. Mark the centre of the top rail with a pencil mark. Glue the centre post at the pencil mark to the top rail, making sure that the centre post is set at 90 degrees to the top rail. You may find it useful to set these pieces out flat on your workbench while gluing them together. Once the glue has set, identify the two arches from the sheet of parts containing the roof trusses. Glue these in place while the whole unit rests flat on your workbench. Once the glue has set, insert the top rail into the small square opening provided at the top of the waiting area walls. Insert one side first, and carefully insert the other side into the opening. There should be enough flex in the material to allow you to undertake this fitting. Position the centre post in the centre of the waiting area entrance, and glue into place. From the bag labelled **WAITING AREA END CAPS** identify the two styrene strips that will fit into place at the corners of the waiting area. . Now that the waiting area is completed, it is advisable to paint this area before the trusses and roof are fitted in a later step.



**Step 10.**

Next prepare the main roof trusses for fitting into place using the notches at the top of the walls to locate each truss. One truss is different to the other eight and this truss is to be fitted above the waiting area. Dry fit all of the trusses together first and ensure that they all align correctly before individually gluing each into place. The curved arch for each truss should just lightly touch the building wall and can be located and glued into place using the engraved area on the platform side wall.



**Step 11.**

Glue the main roof panels into place starting with the smaller of the two. Ensure that the overhang is equal on both ends and there is 0.5mm overhang over the truss ends for the facer boards. Leave a small gap of no more than 0.5mm at the top for the rod which forms the ridge cap. For reference purposes, it may be helpful to mark the top of each truss at the peak with a pencil mark.

Once the roof panels are in place, glue the pre-cut rod which has been packaged with the roof panels into place at the peak of the roof, along with the 0.29mm x 1.09mm strips either side to form the ridge cap. Glue the rear facer board into place against the truss ends followed by the platform side facer board. Locate the bag labelled **END FACER BOARDS** and fit the end facer boards. Ensure that the two boards meet at the peak of the roof. Depending on how the roof panels have been fitted, there may be a small gap at the end of one of the pieces. From the bag labelled **ADDITIONAL STYRENE** select a suitable thickness of material, and glue into the gap. Once the glue has set, file down any overhang at the corners.

### **Step 12.**

Identify the roof gutter from the roof parts bag, and with a piece of styrene found in the bag marked **ADDITIONAL STYRENE**, cut a small piece of 0.29 x 1.09mm strip to cover the end of the piece of each channel. Once the glue has set, file down the end pieces to the shape of the channel. Glue the gutters into place against the front and rear facer below the roof panel.

### **Step 13.**

From the bag labelled **WINDOW AWNINGS** and the sheet containing the roof trusses, identify the parts required to fabricate the rear window awnings. Lay the roof panels flat on your bench, and glue the brackets to the underside edge of each side of the roof panel. Ensure that the bracket is arranged as per the photo below. When complete glue above the two windows of the ticket office. Check that there is enough clearance to fit your windows later. All three awnings should be set at the same level on the building wall. Use a rib from the weatherboard wall as a reference line when locating each awning.

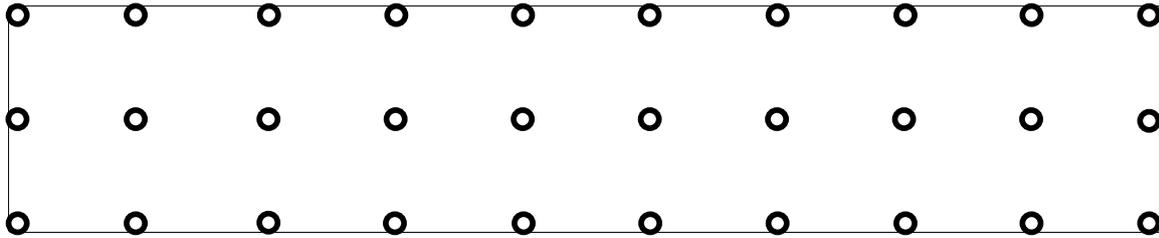


### **Step 15.**

Your building is now basically complete and ready for painting in your chosen colour scheme from your respective era. Before painting, you may want to consider fitting down pipes from the roof gutters to wherever you want them to go, such as rainwater tanks etc. A length of 1.0mm styrene rod has been provided with the kit for you to fabricate your down pipes. Prepare your windows and doors by painting them while they are attached to the sprue. When you are finished painting the windows and doors, fit the window glazing and the doors to the frames. One of the windows is to receive a piece of white styrene as glazing, and this window is to be fitted to the rear toilet window. We recommend Microscale Krystal Kleer be used for fitting the clear glazing. Once the building is painted, fit the completed windows and doors to the building using Krystal Kleer

**Step 16.**

Planning should also be made on how you intend on mounting your building, and at what height. A length of 3.2mm rod has been supplied for stumps as well as stump caps which only need to be fitted to the outside stumps. There is enough rod supplied to set your building to a height of around 4.0mm. Fit the stump caps to the stumps and file down the edges to an angle of around 45 degrees to give a bevelled round edge appearance. Steps also have been supplied as strip styrene components in the kit for the rear door and porch, and once again, the finished height of your model will determine their design. Enough styrene has been supplied to construct the steps assuming that the building will be set at 4.0mm. Normally QR stations of this design had a low level platform of around 300mm (12 inches) which is around 3.5mm in 1:87 scale. When arranged against a platform no steps are required for the platform side doors. A length of 1.0mm styrene rod has also been supplied with the kit to complete the building downpipes, which can be directed to the ground, or a rainwater tank.



STUMP PLAN

PHOTOS & FURTHER INFORMATION CAN BE FOUND ON OUR WEBSITE

[www.queenslandscalemodels.com.au](http://www.queenslandscalemodels.com.au)



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