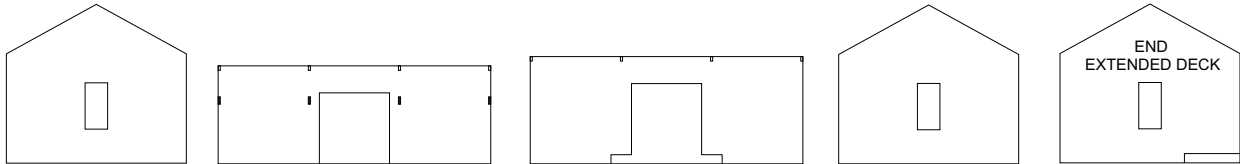


Queensland Railways 30' x 20' Goods Shed

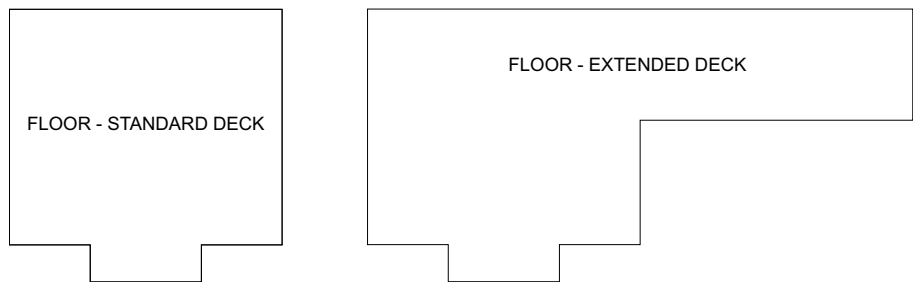
Assembly Instructions

MAIN PARTS DIAGRAM



Tools Required

Sharp Craft Knife
Fine Modelling File
Tweezers
Pencil
Ruler



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.

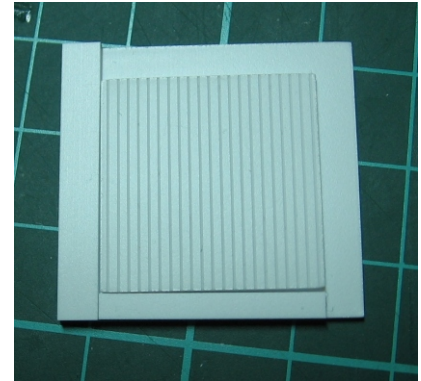
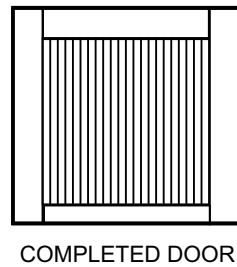
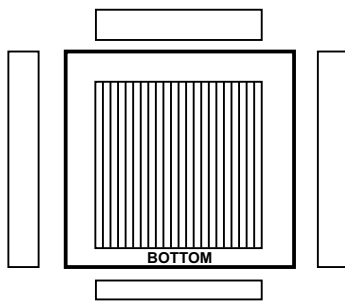
Assembly Notes

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. Check the edges of all parts for any burrs or rough edges left from the laser cutting process and remove with a fine file. A few minutes spent cleaning parts will result in good assembly.

Step 1.

Identify the front and rear walls of the building as well as the two building ends. We recommend that the windows be **NOT** fitted at this point, and fitted later, after assembly and painting of the building. Assembly of the windows will be covered in a later step of construction. From the bag labelled **MAIN DOORS** identify the components that are required to fabricate the doors for the front and rear of the building. We recommend that you read the instructions in this step and study the photo below first, and assemble the door components initially without glue. Once you understand the step fully, glue the components in place. Identify the plain styrene piece that measures 30mm x 28mm. This piece

of styrene forms the back piece for the door, and all of the pieces that make up the exterior detail of the door are laid on top of the back piece. On one of the edges that measures 30mm, mark with a pencil the word "BOTTOM". With the bottom of the back piece now established, glue a strip of styrene that measures 28mm long, and 4mm wide along the side, keeping the edge in line with the edge of the back piece of styrene. Now glue a piece of styrene that measures 21.5mm long and 2.5mm wide along the bottom. Next, glue the centre of the door on to the back piece, ensuring that the groove detail is arranged vertical to the bottom of the door. Refer to the photo below. Once you have glued these pieces in place, you can continue gluing the other two pieces of 4mm wide styrene around the edges of the centre of the door.



Step 2.

Glue the doors into place on the back or inside face of the front and rear walls. Ensure that the bottom of the door is located at the bottom, and is aligned with the base of the door opening in the wall. When in place an even amount of styrene edge should surround the centre piece of the door. From the bag containing the door components, identify the styrene strips which form the door architrave. Start by gluing the top piece into place first, followed by the two sides. Once the glue has set, file down any of the architrave that hangs below the door opening.



Step 3.

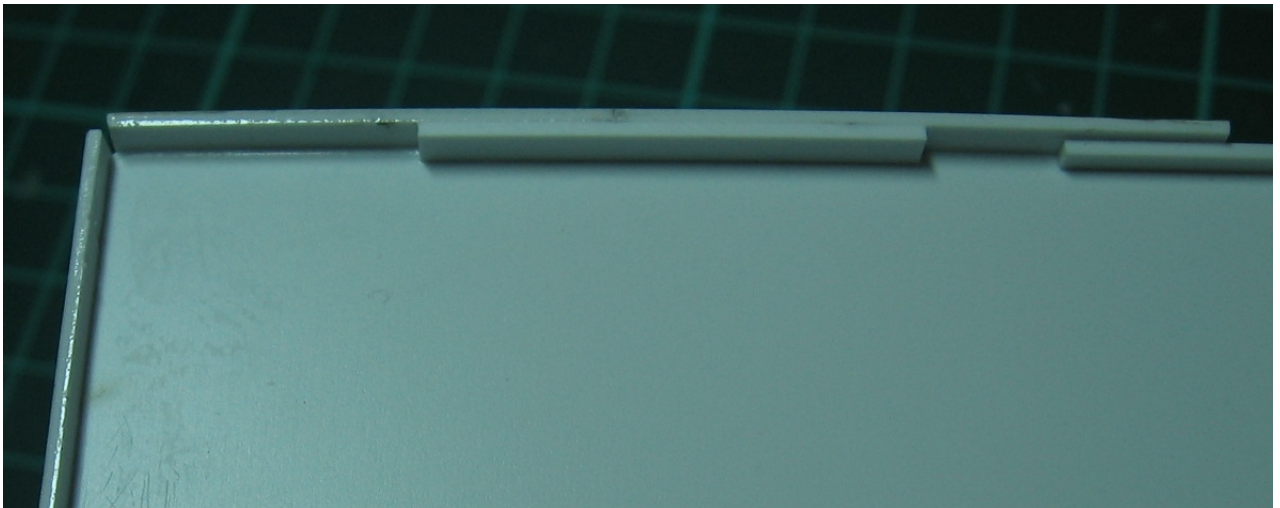
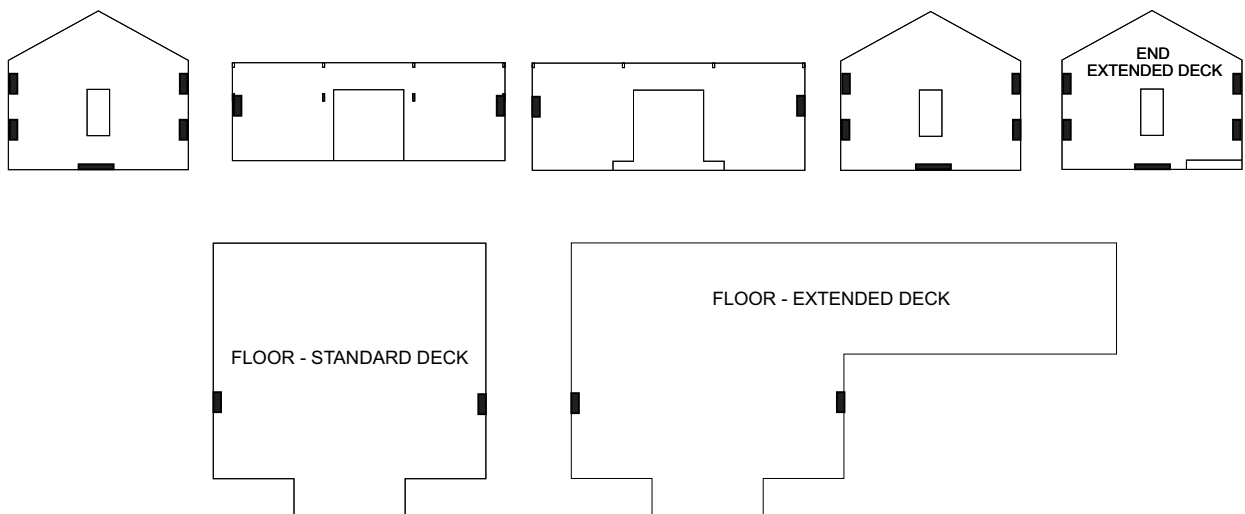
Identify the styrene base of the building. In the bag containing the base, you will find the styrene strip for the front platform edging. Dry fit the parts first, but arrange the strip with the widest edge facing out to provide the maximum depth of the platform edge. In the bag labeled **REAR PLATFORM EDGE** you will find the necessary pieces required to perform the same procedure to the rear platform deck.

Please note that a piece of 1mm round styrene has been packaged with the front platform edges. This is to be used later to fabricate the building down pipes.

Step 4.

Lay the base and the building sides out on your work area with the sides arranged in the way they will be assembled. Check the edges of the building base/floor and the inside corners and bottoms of all walls for any raised edges that may be left from the cutting process. Use a fine file to remove any raised edges or burrs.

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 components such as the roof trusses which fit into the small slots on the top of each wall. 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 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. In the bag with the styrene angle, you will find two flat strips. These are to be glued into place at the very bottom of the end walls, on the inside. The position is below the window, and they are to be flush with the bottom of the wall. This strip forms a step for the floor to rest on.



Step 5.

After allowing sufficient time for the styrene glue to set on the angle pieces, start assembling the walls to the building base. We recommend starting with one end and the rear wall first. Once the glue has set enough for the two walls to stand by themselves, stand the other end, and finally the front wall. 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 6.

From the bag labelled **BUILDING END CAPS** identify the four building wall end caps that will fit each of the four outer corners of the building. Glue into place and once the glue has set, file down any overhang that may occur at the bottom and top of each wall cap. If your goods shed is the extended deck version you will have shorten one end cap on the corner that runs onto the platform.

Step 7.

Next prepare the main roof trusses for fitting into place using the notches at the top of the walls to locate each truss. 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. It is very important that the centre or top of the trusses align with the top of the building end walls. This will ensure that when you fit the roof panels they will lay flat and even across the trusses.

Step 8.

Glue the main roof panels into place starting with the smaller of the two. Ensure that the overhang is equal on both ends. 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 front platform side facer board. Fit the end facer boards and 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. Packaged with the roof material is a small piece of 0.29mm x 1.09mm styrene which a small section can be cut and glued into the gap. Once the glue has set, file down any overhang at the corners. Identify the roof gutter channel and cut a small piece of 0.29 x 1.09mm strip to cover one end of each piece of channel. Once the glue has set, file down the end piece to the shape of the channel. Glue the gutter into place against the facer below the roof panels

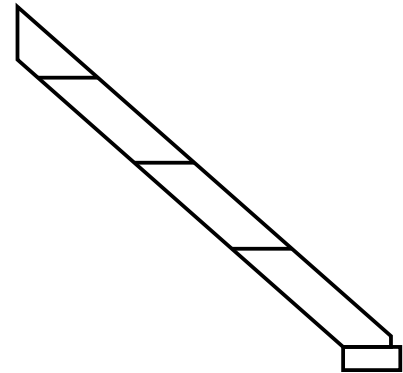
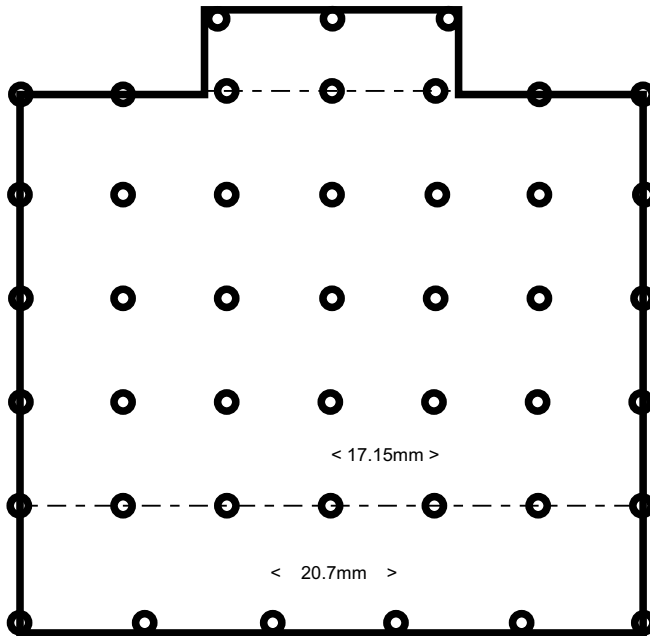
Step 9.

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 by painting them while they are attached to the sprue. When you are finished painting the windows, fit the window glazing to the frames. There are two clear panels to be fitted to each 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.

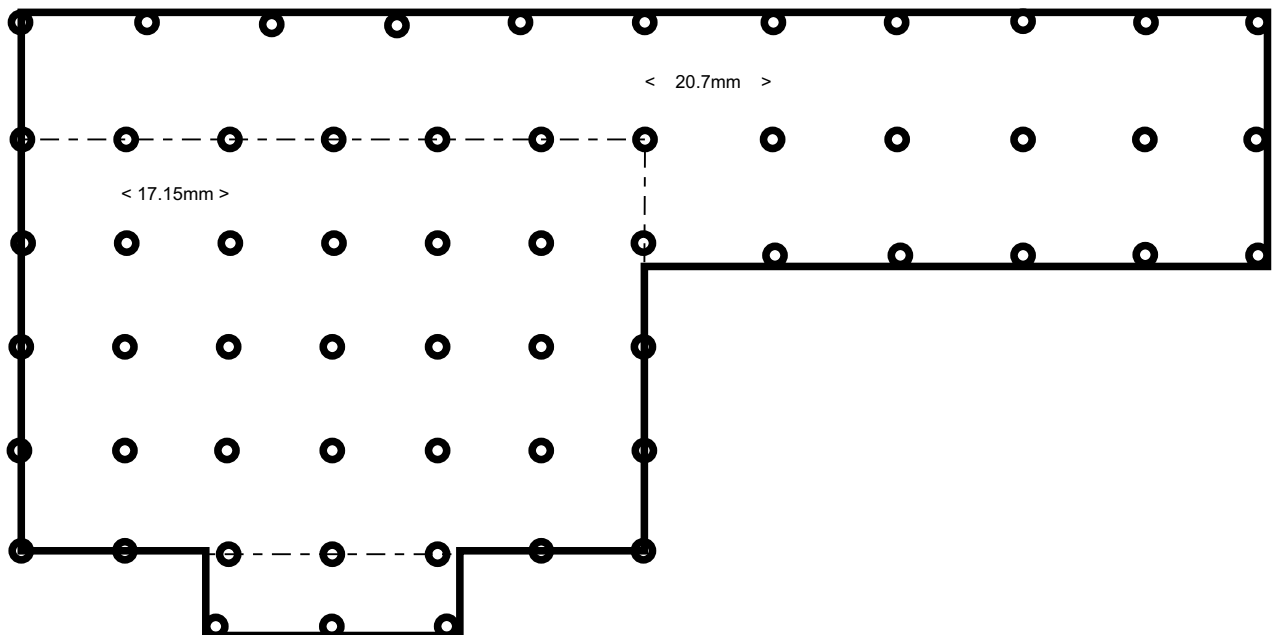
Step 10.

Planning should also be made on how you intend on mounting your building. 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. We recommend the following procedure for mounting your building to provide the best appearance when completed. We recommend mounting your model on a base such as plywood, which will be suitable for mounting the completed model onto your layout. Place the building onto the base and mark out with a pencil around the edges of the building and platform decks. Next mark out your stump plan as shown in the diagram below. Use a 1/8" (3.17mm) drill for the outer corner stump holes, and a 9/64 (3.57mm) drill for the other holes. Scenic and detail your base under your building before mounting. The finished floor height of your building should be between 12mm and 12.5mm above ground level. Cut your stumps from the 3.2mm rod supplied by rolling the rod back and forth under a sharp craft knife. Fit the stump caps to the outer stumps only and file down the edges of the caps to an angle of around 45 degrees to give a bevelled round edge appearance. Insert all of the outer stumps to their holes before mounting your building, but leave unglued for the moment.

. Start by setting your four outer stumps at the correct height that will set the platform height at the required height. Once you have set the height. Glue the four corner stumps in place from below the base. Once the glue has set on the stumps, glue the building into place onto the four corner stumps. Next pull up the outer edge stumps with a set of tweezers and glue to the underside of the building. Cut your inner stumps, and push up from underneath through the base to mount underneath the building. Sufficient material has been supplied to fabricate all of the stumps, providing that the individual length does not exceed 18mm. When all stumps are in place, glue them permanently to the base by gluing from below. . 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. Steps also have been supplied as strip styrene components.



STAIR TREAD LOCATIONS



PHOTOS & FURTHER INFORMATION CAN BE FOUND ON OUR WEBSITE

www.queenslandscalemodels.com.au

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