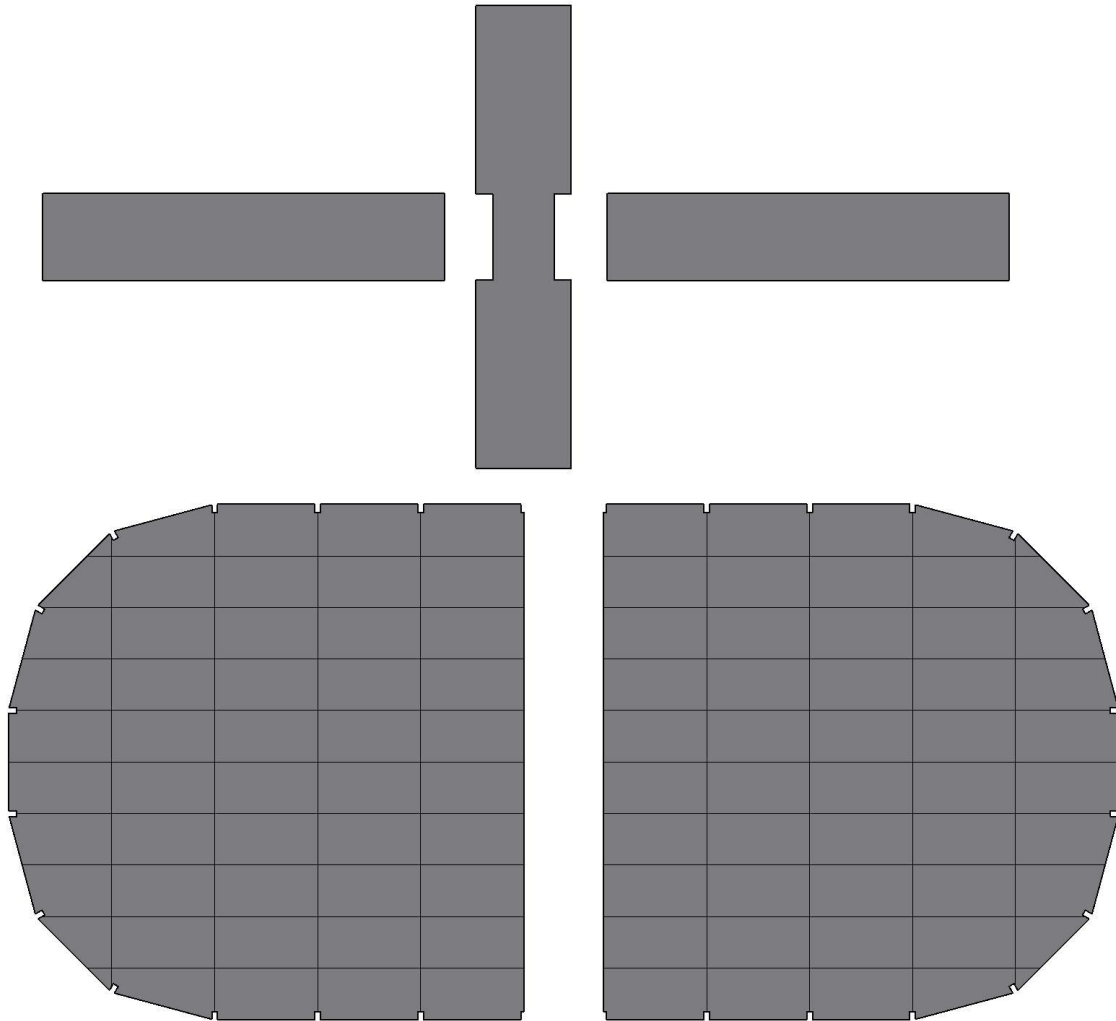


1:76 scale rounded track 16 car Dodgems

Assembly instructions

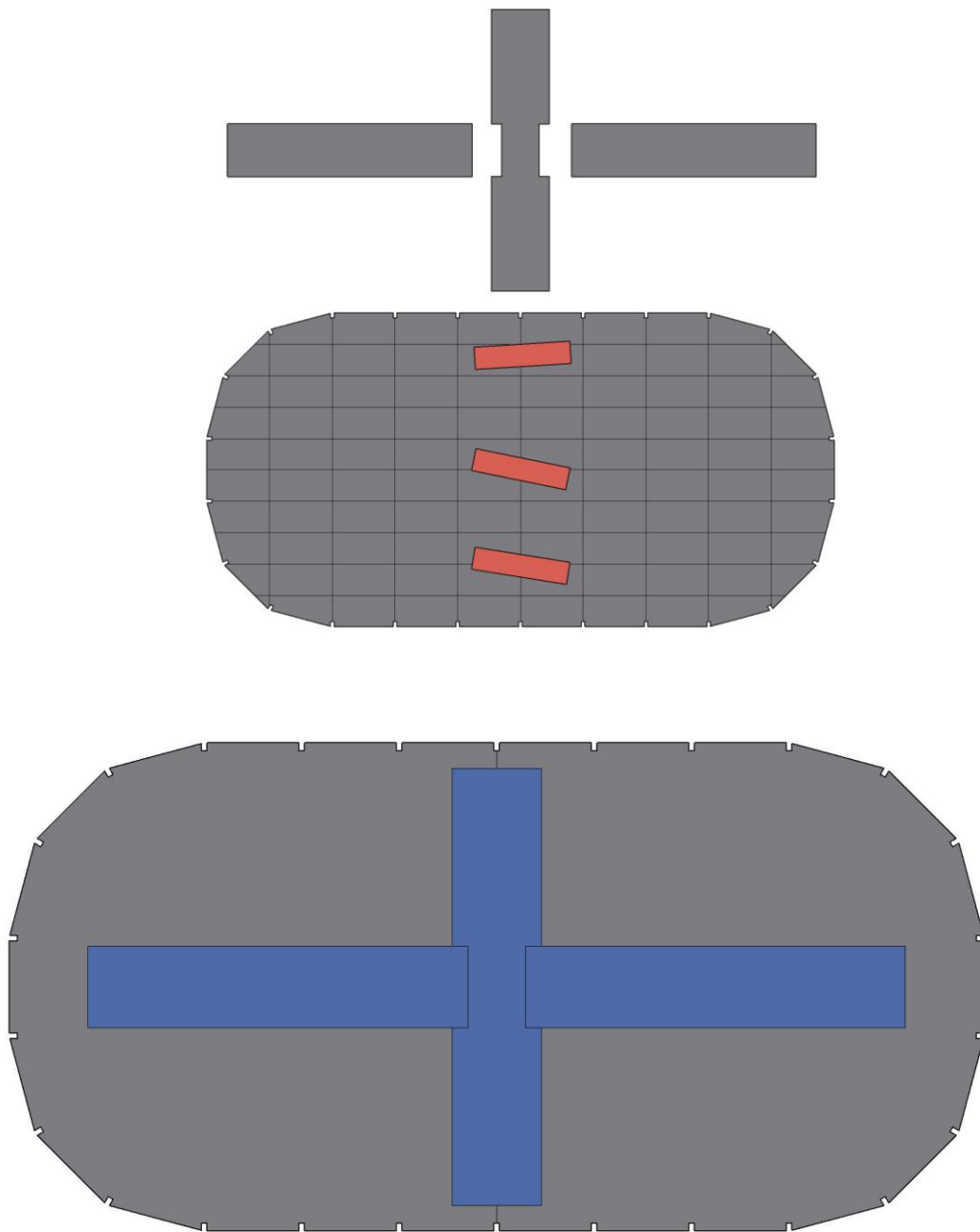
Locate the pieces using the part diagrams at the end of the instructions

Locate the 2 base pieces and the 3 joiners



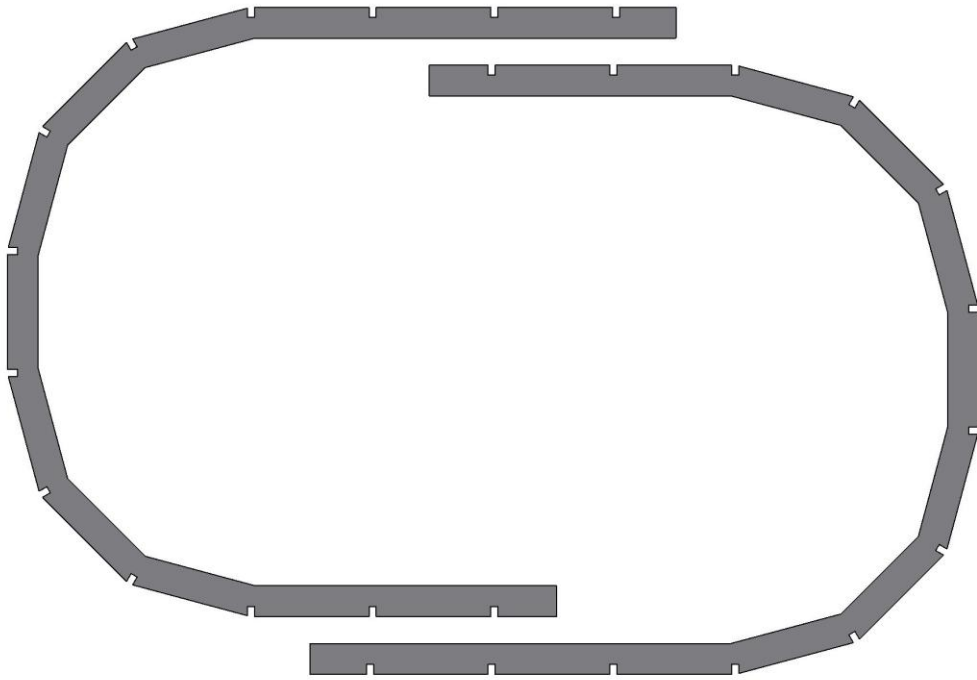
Hold the 2 base pieces together temporarily with clear or masking tape;
be as accurate as possible to align the parts before taping.

Turn the base over and glue the 3 joint pieces over the joints, make sure
the centre piece is evenly spaced to allow the underneath frame to fit
around it.



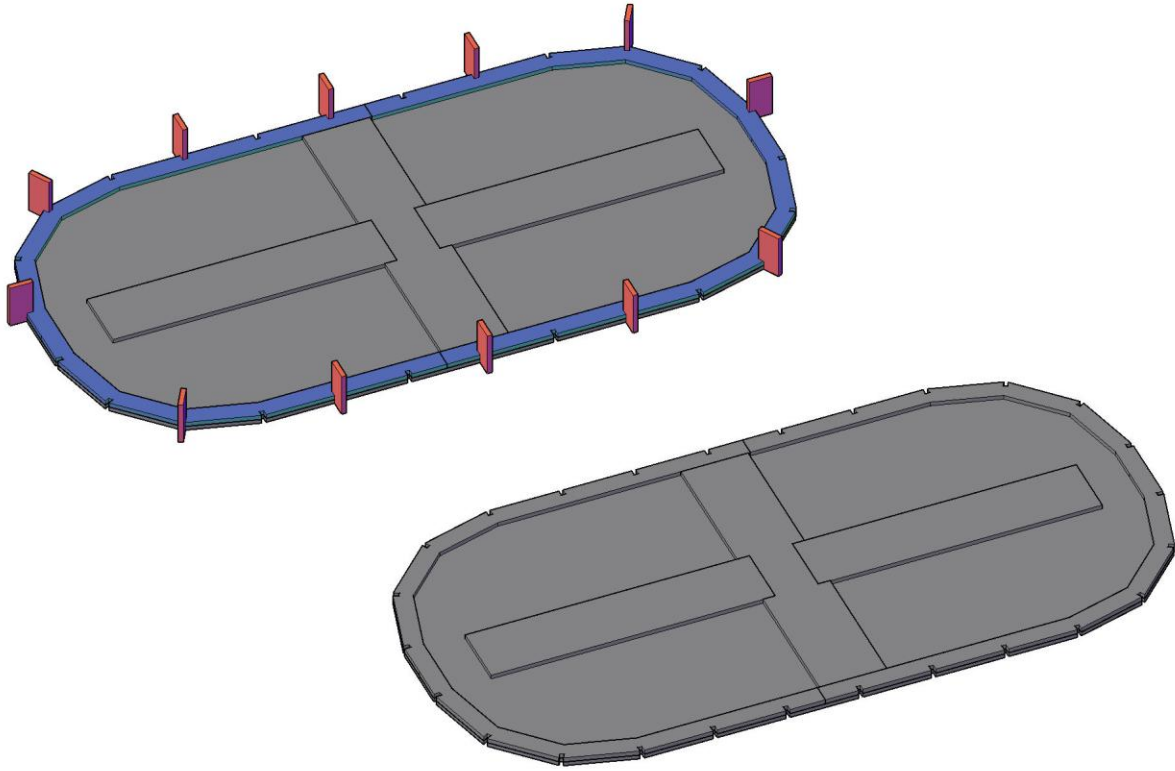
Locate the 2 underneath edge frame pieces

The parts with the cut-outs on the outside edge



Glue these around the underside edge; again be as accurate as possible with these. Use the supplied rectangles of wood as an aid to help align with the slots in the base.

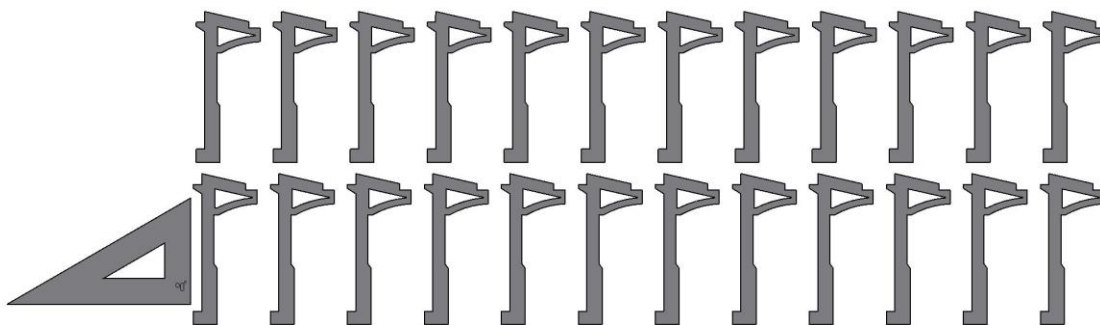
Keep checking the glue and remove the rectangles before they get stuck with any glue.



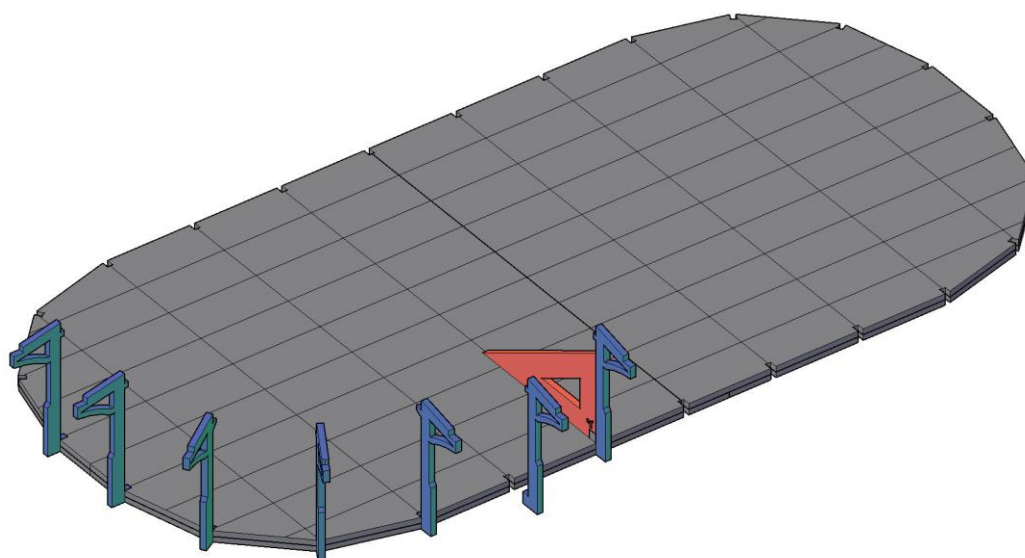
Make sure all parts line up and all is straight, care taken at this stage helps with fitting the upright posts later

Carefully place some weight on top and allow glue to dry before turning over

Next locate all 26 of the upright posts and make sure the holding tabs on the inner edge are flat so you can put the right angle tool against them flush.

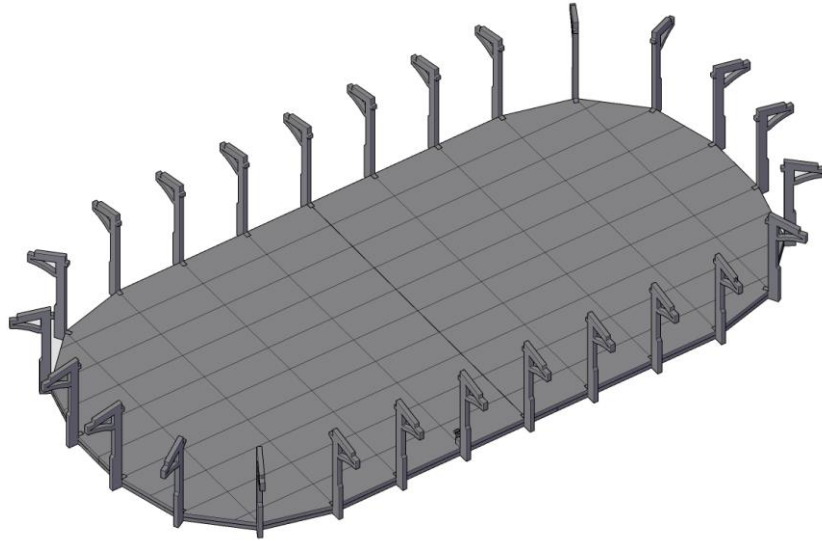


Glue the upright posts into the notches on the base. Use the right angle to keep checking that the posts stay straight with the base as you insert more.

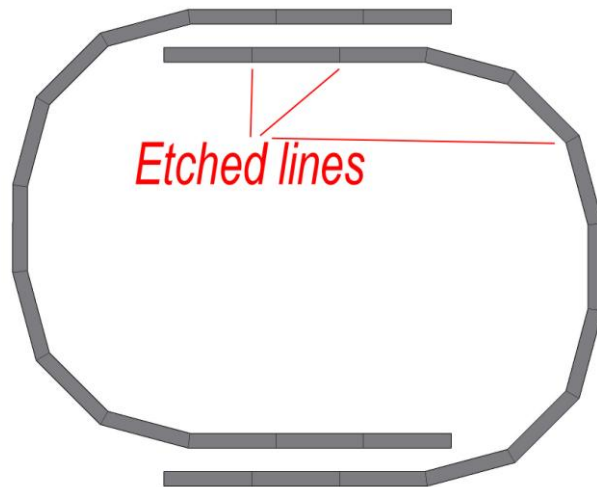


Using waxed paper or a non stick surface will help to not stick it to your table top while these set.

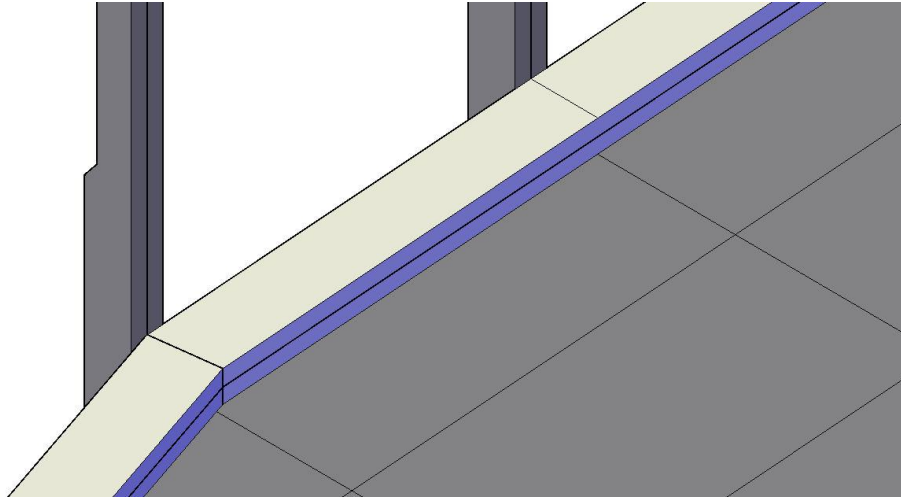
Again care taken to keep the post at right angles to the base accurately will make all the other parts fit much easier.



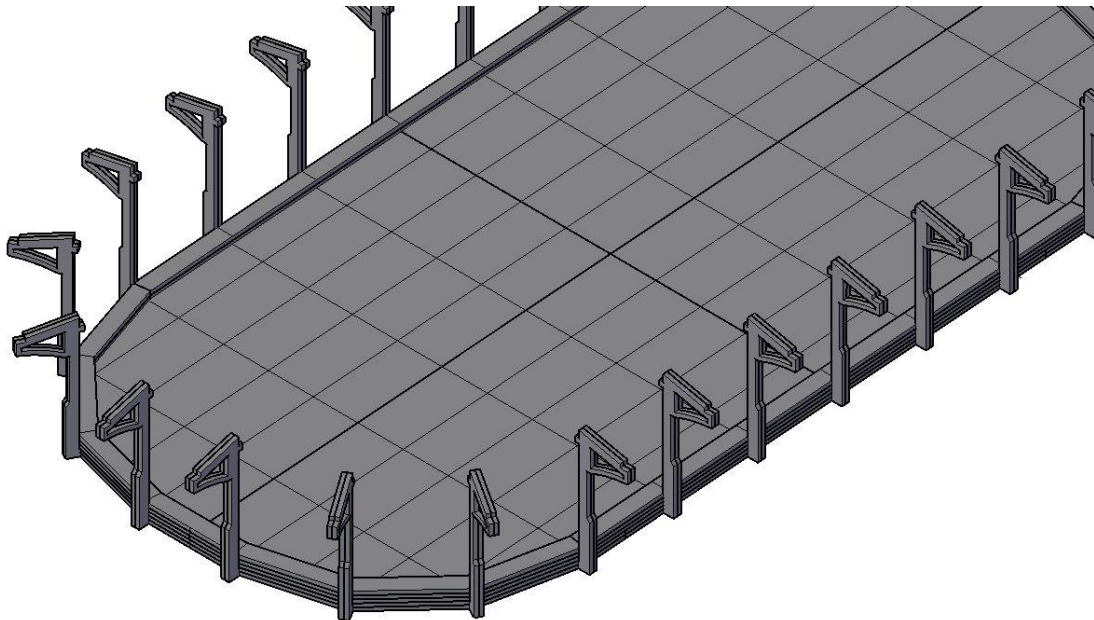
Locate the 2 inner buffer parts



Fit buffers around top edge of track up against the posts and flush with the outside of the track

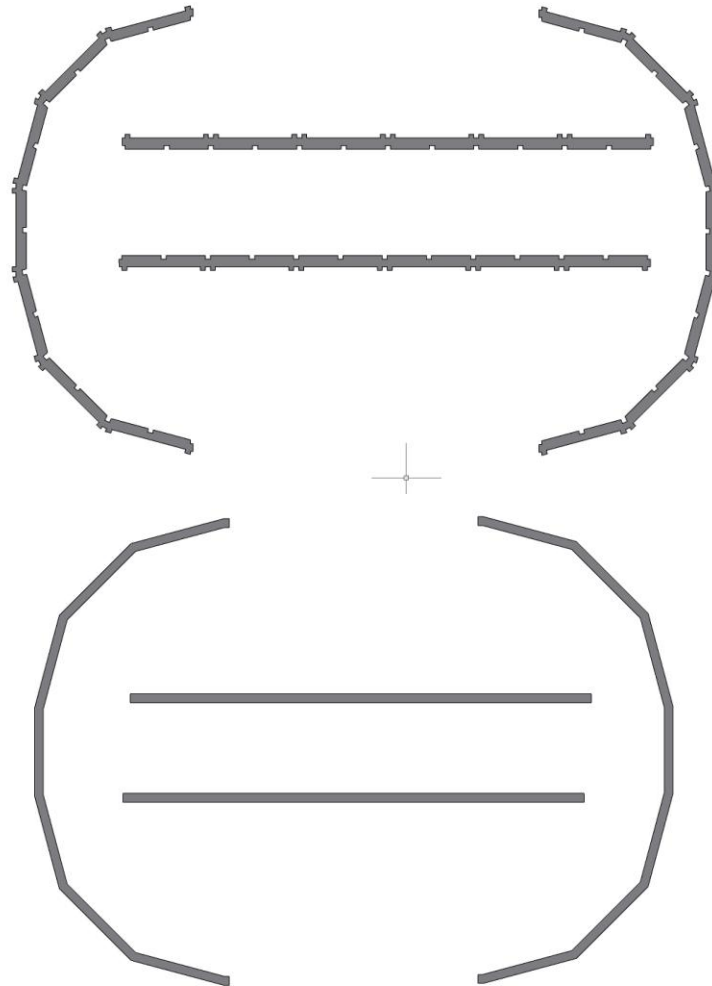


The lines are only etched one side so make sure to check you have them the right way up



Next locate the inner and outer frames that go around the top of the posts.

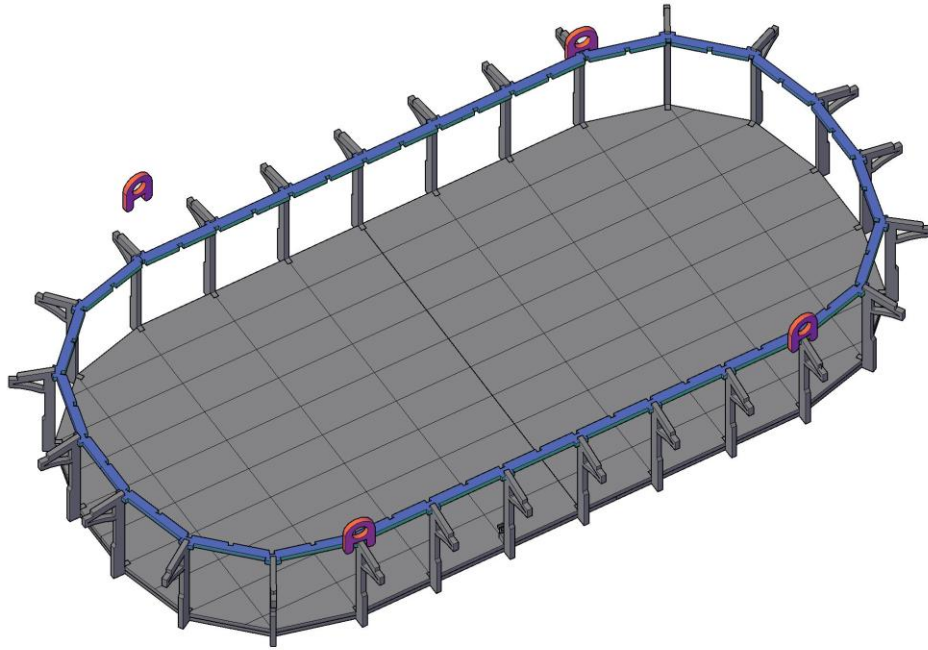
Care must be taken when removing, sanding and working with the inner frame as this is very thin in places and easily breaks, if it does break you will need to glue it on in pieces and hold with clamps or tape until dry



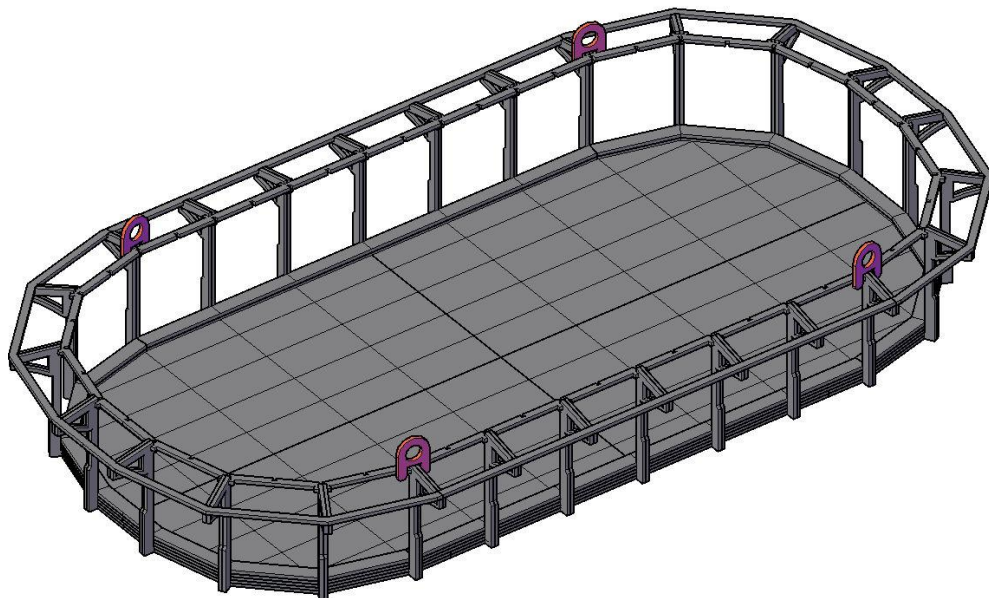
Glue the inner frame on with the numbers upwards and locating the posts in the notches, don't force them in – very carefully file a bit out if needed.

You can use the supplied clips to hold the joints of the inner frame together until dry if required

Once the inner frame is fitted, glue the outer frame in place

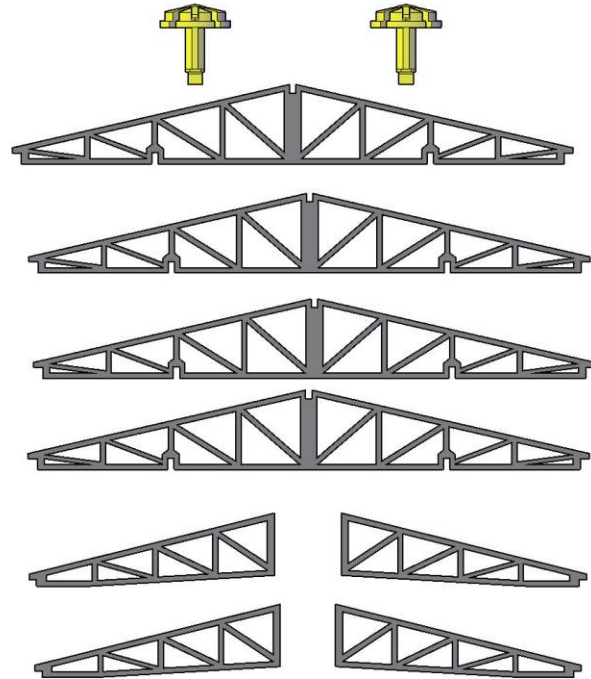


4 temporary clips in place on the 4 joints make sure not to get glue on these and wiggle them now and again to keep them free until the glue has set then do the outer frame, you may need clips or tape to hold in place dependant on the type of glue used

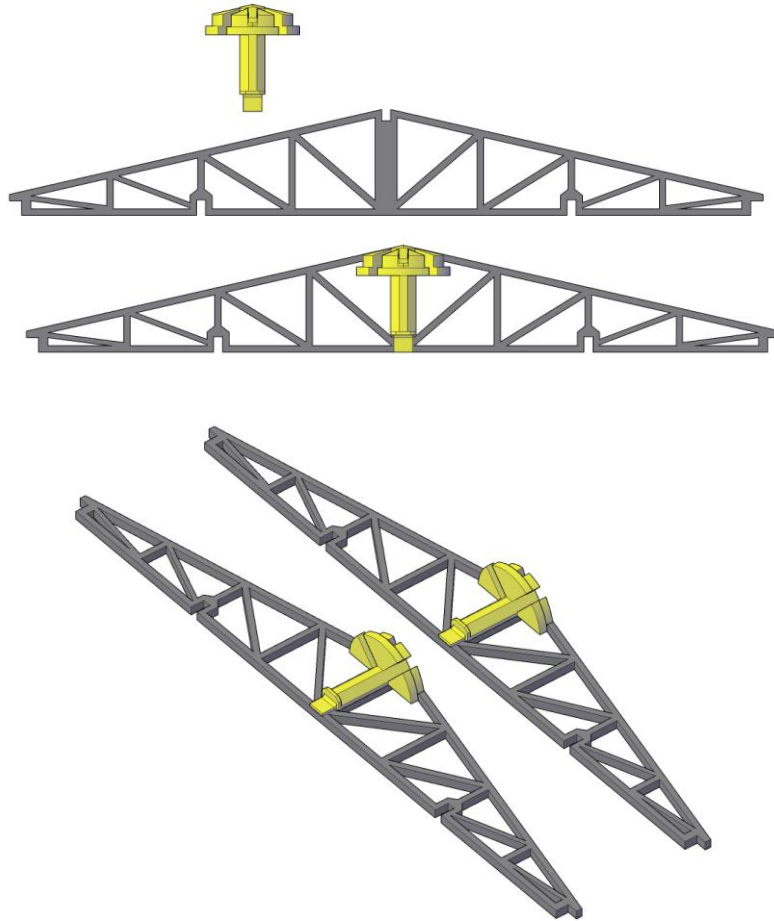


Locate the parts for the main roof support structure

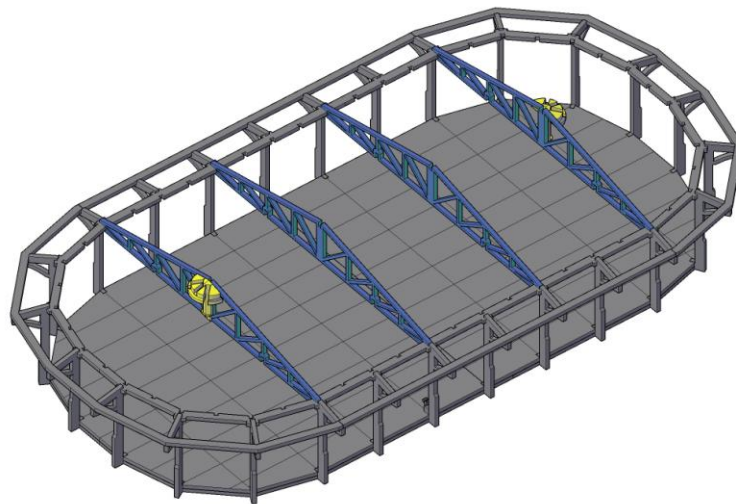
This includes 2 x 3d printed plastic parts that need to be glued onto 2 of the roof sections



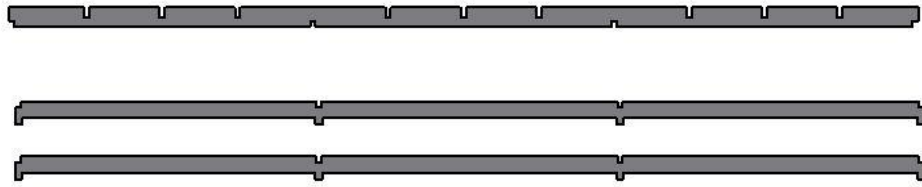
Glue the plastic parts onto the centre of 2 of the roof sections with superglue or similar, make sure they are lined up with the top and bottom and are central on the roof section



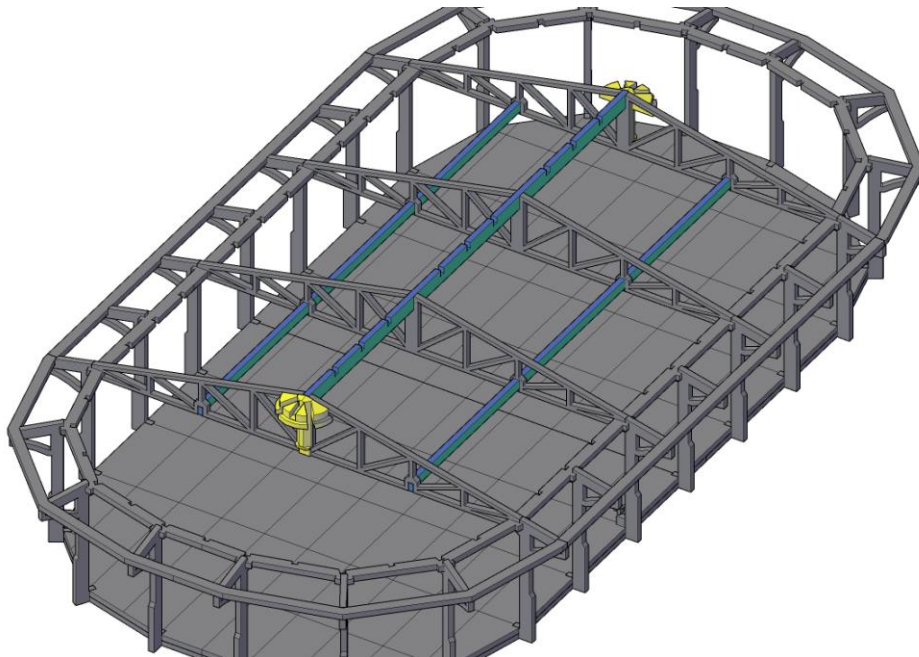
Fit the 4 roof sections as shown with the plastic parts on the end sections



Locate the top ridge piece and 2 tie bars that go across the underside of the roof sections



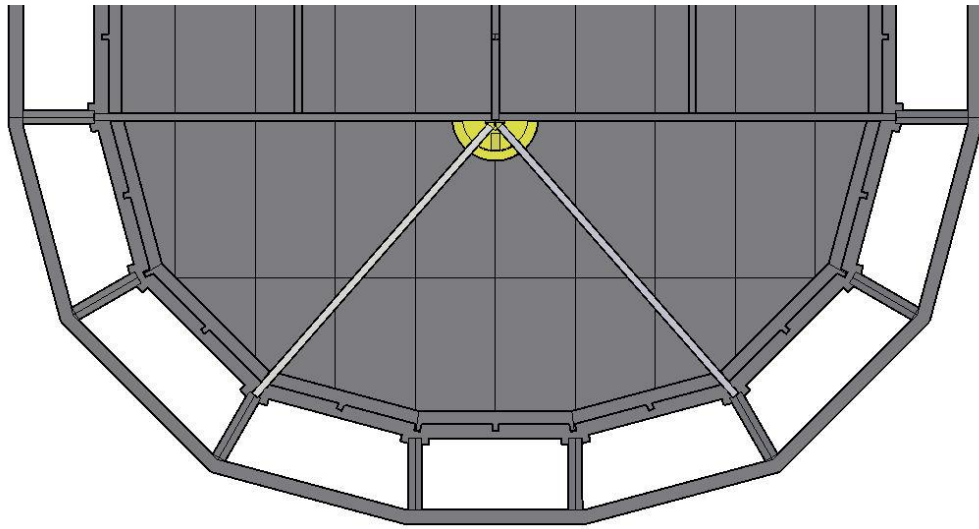
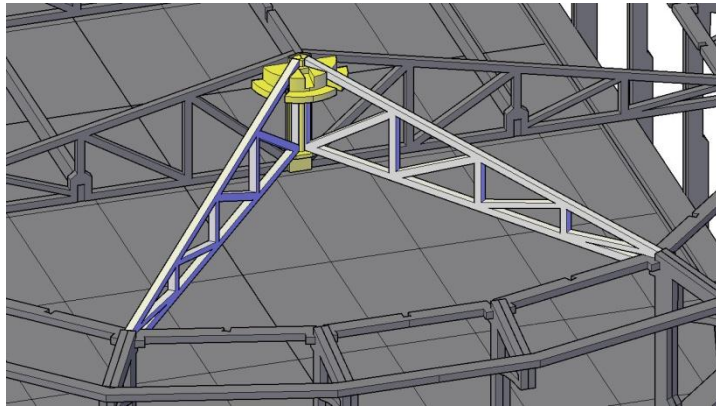
The ridge piece is glued on with side with most notches upwards and the tie bars are glued with the notches located into the roof section notches



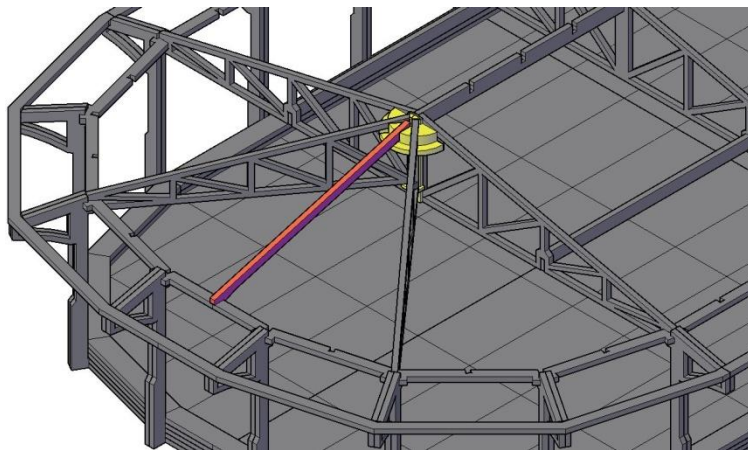
At this point the roof is quite strong so if you intend to fit any wire mesh etc, this is a good time to do it before fitting the half roof sections and remaining rafters.

Glue in the 4 half roof sections; slide them down the slits in the plastic parts until they are level on the ridge.

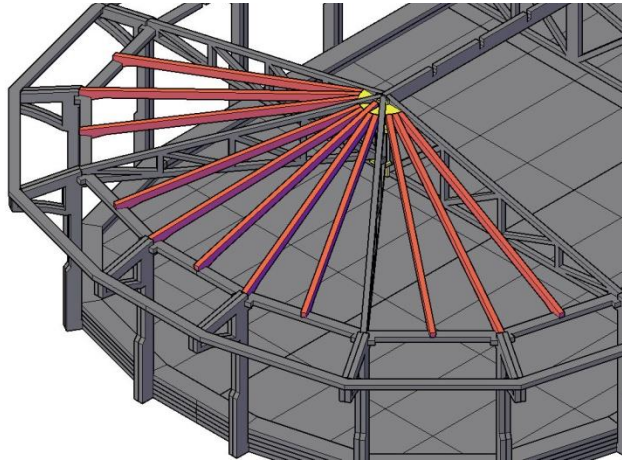
They look a bit strange as they don't run in line with the post but this is correct. You may need to file a slight bit off the end corner of the roof sections if they are too tight against the post



Next glue in the 2 number 1 rafters, these are glued into the sockets on the plastic parts and line up with number 1s on frame.

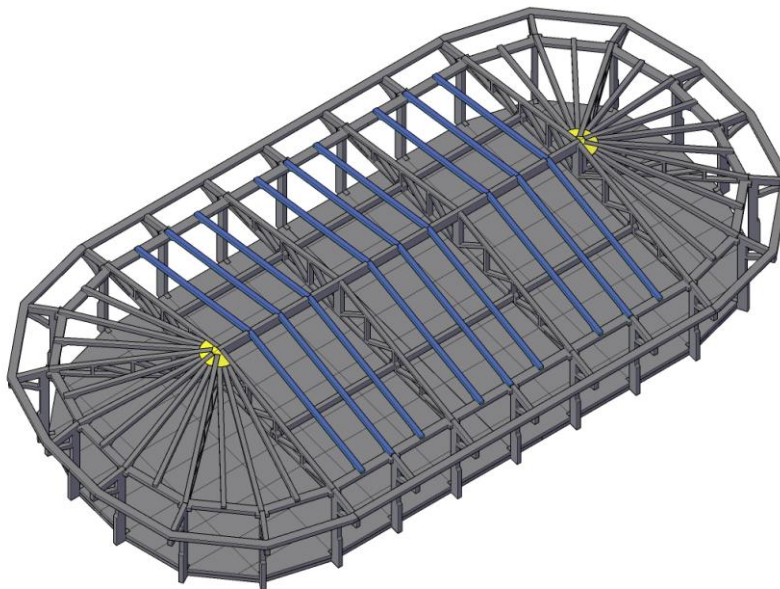


Once dry glue in the remaining numbered rafters around the ends matching to the numbers on the frame, glue is put on the ledge of the plastic piece and the rafters are just sat on the ledge next to each other.

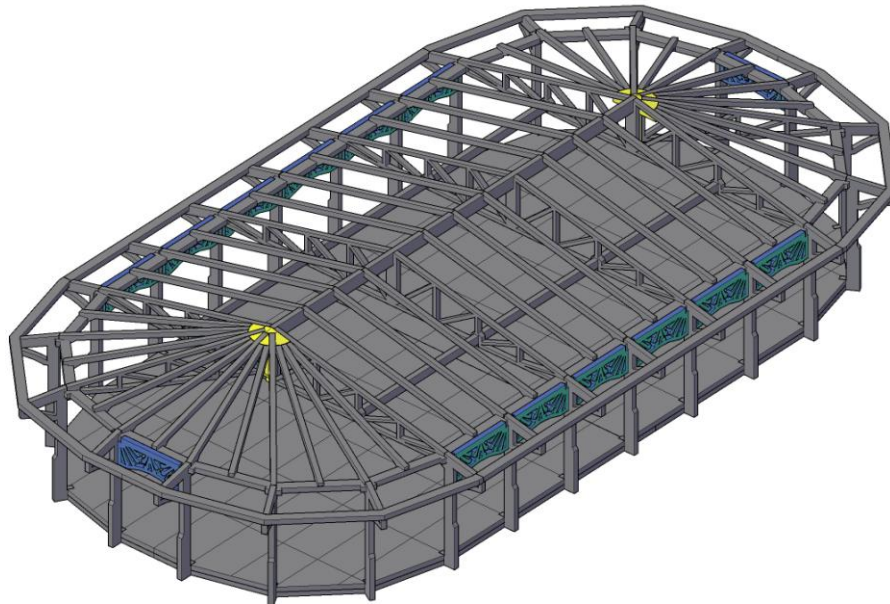


Once in position, you can run some glue on the top of the plastic and between ends of rafters to help secure the rafters in the plastic.

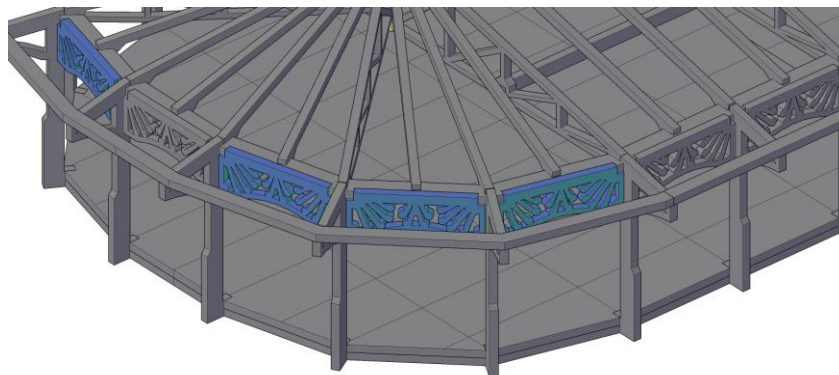
Now the rest of the rafters can be glued in along the length, these are marked with an (m). Locate and glue them into the notches but don't press down hard or you will snap them.



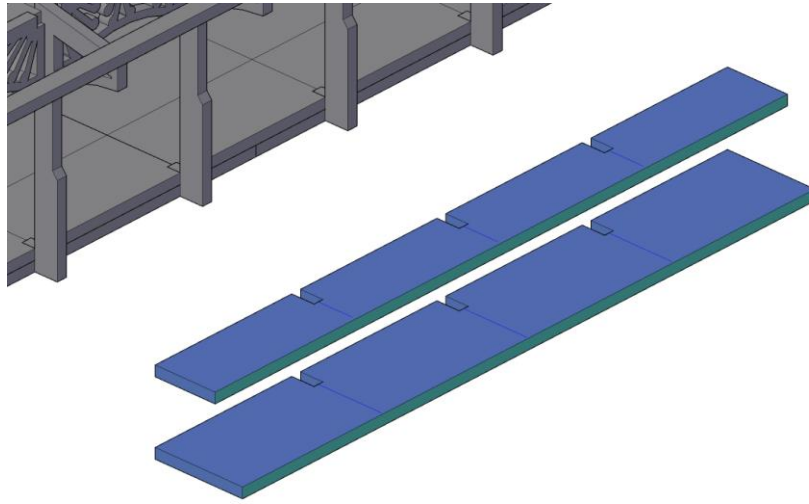
The upper decorative panels come in 2 sizes, the 14 shorter are glued in the shorter straight gaps



The 12 longer ones which have a small L on them are fitted around the 4 curved corners as these gaps are wider. No need to glue to the posts, just the upper frame is OK

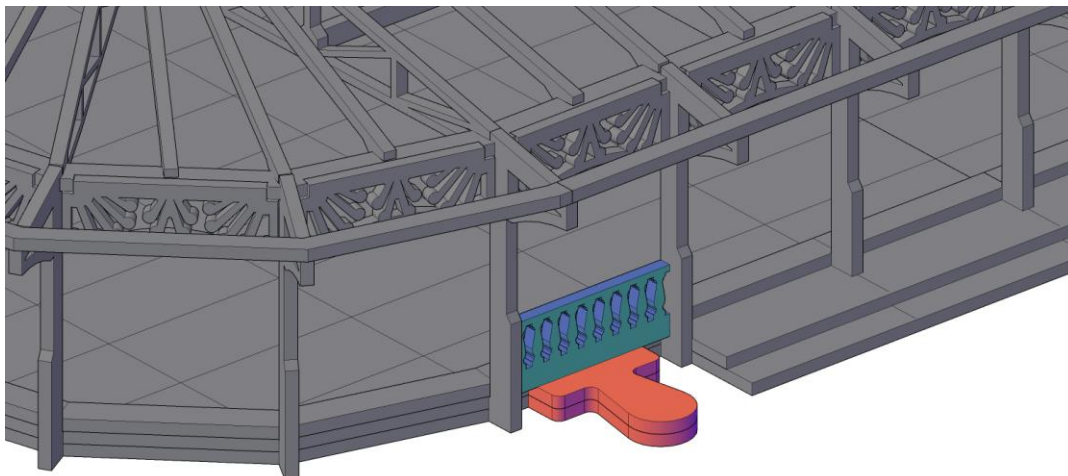


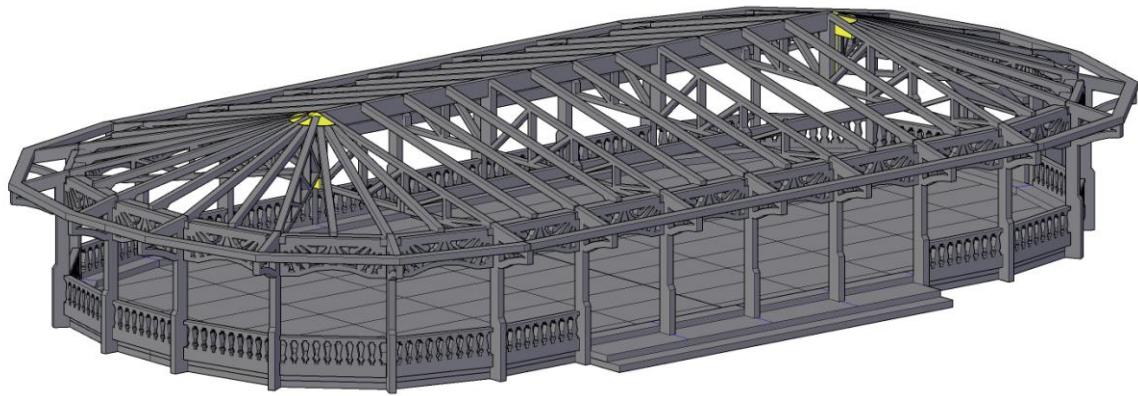
Steps are assembled as shown; there are 5 pieces the smaller on top, glue together as you glue them in place.



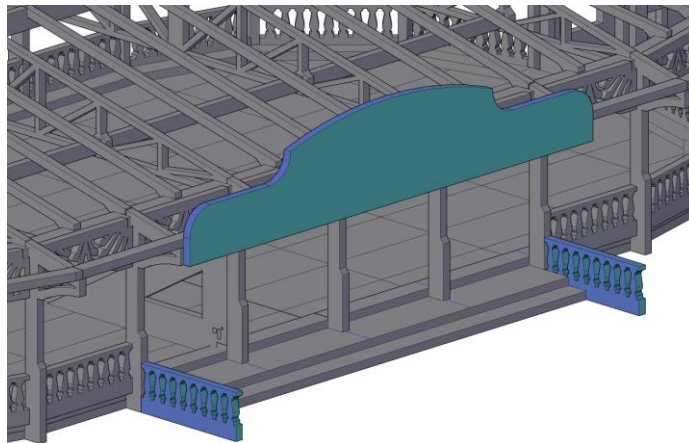
Glue the fences onto the outside of the buffer edge only, no need to glue onto the posts. You can glue together the 2 piece height gauge and use it under fences to position them at the correct height. Don't forget to leave the fence out on the end for the pay box

The fences again are 2 lengths with the longer 12 on the curved corners

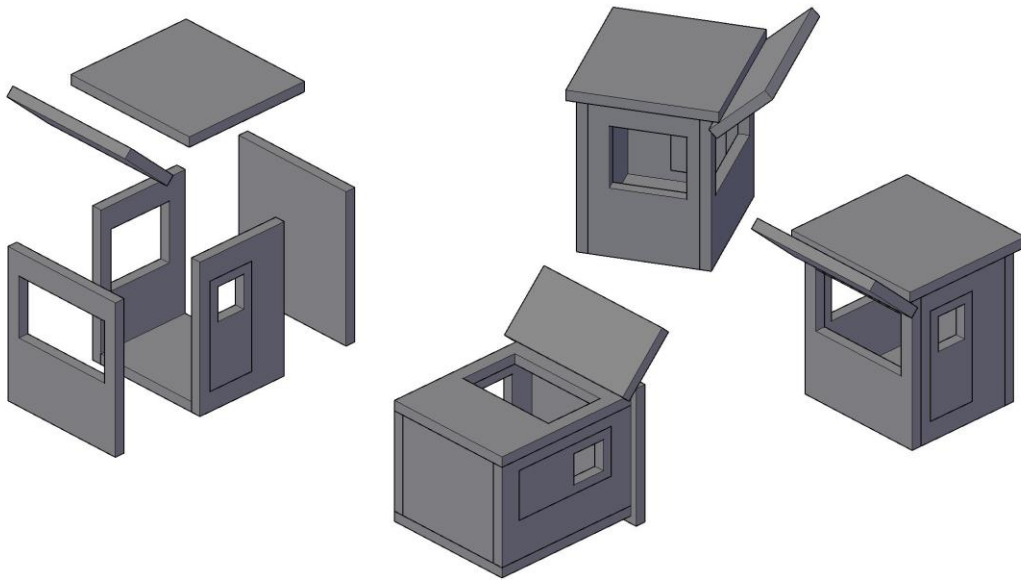




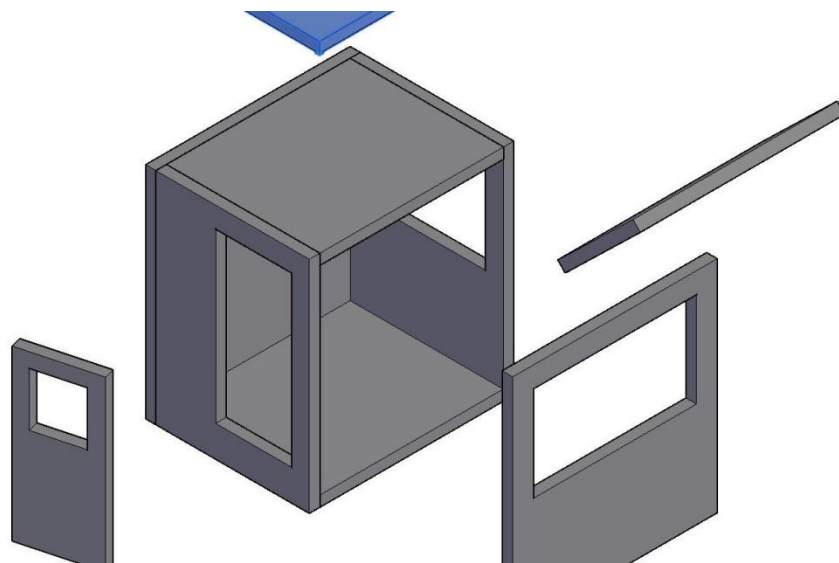
Finally fit the sign if required and either fit the fences on the side of the steps as is or trim them to suit



The pay box is assembled as follows



Make a box first with the 2 sides, inner top and bottom panels glued against the back panel



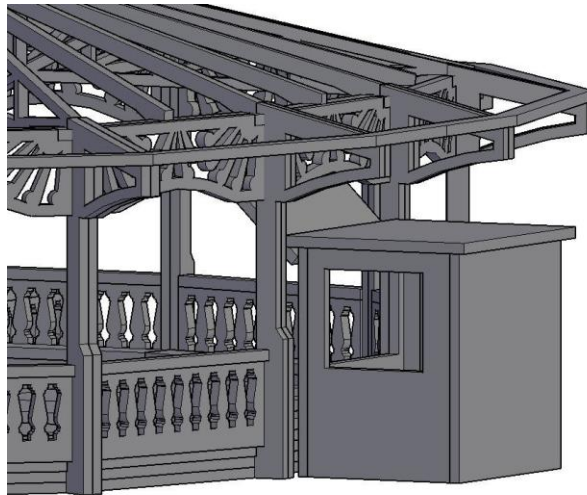
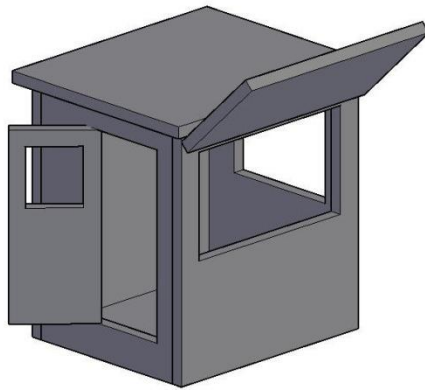
Then finish by adding other parts

You may need to sand the edge of the flap to glue it onto the box, if the top roof is left overhanging you can glue to this also.

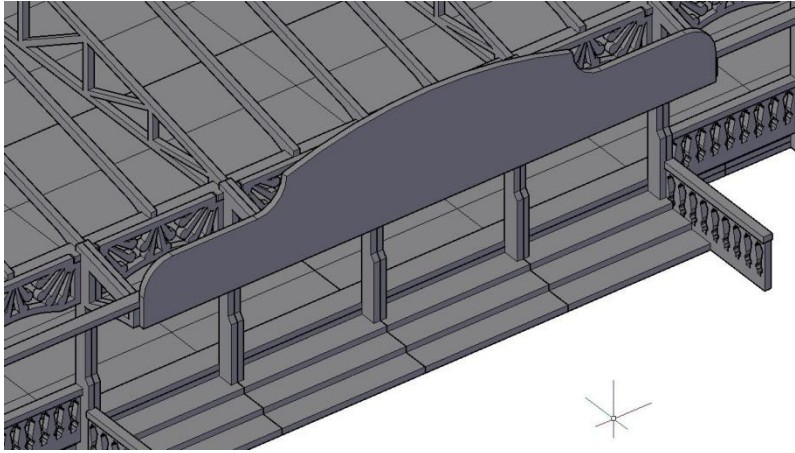
When assembling, place the door wall on whatever side of the pay box that suits you for your layout

This one below is for the left side so you can see the door from the front of the model; the window flap just hooks under the upper decorative panel on the model.

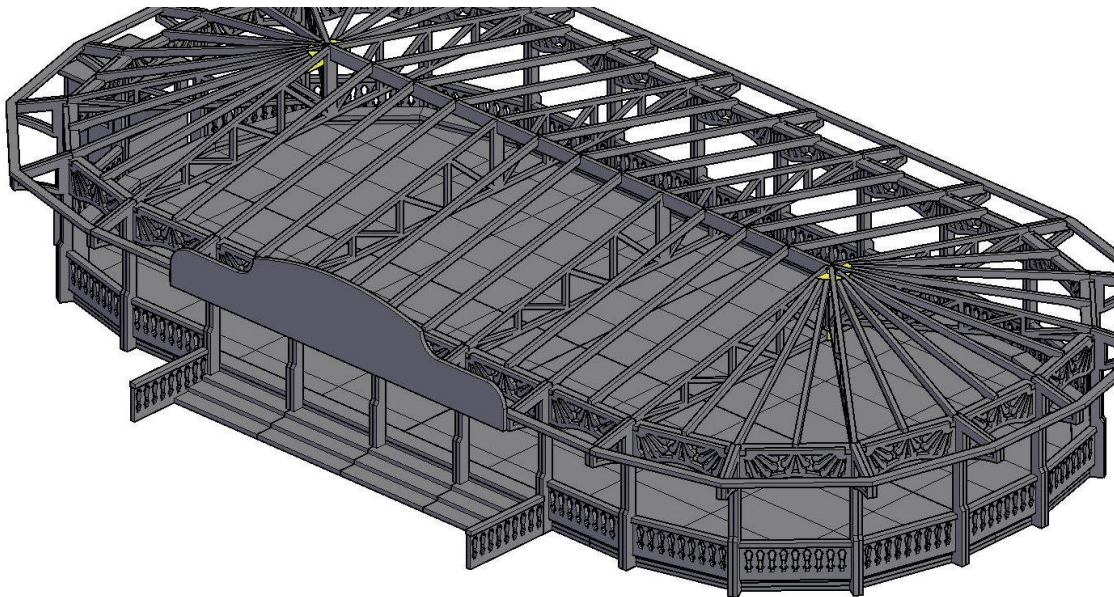
The door can be left in if not opening it



The front sign is optional, many of the older tracks did not have one fitted but some did or had them added later so your choice



The main model is now finished

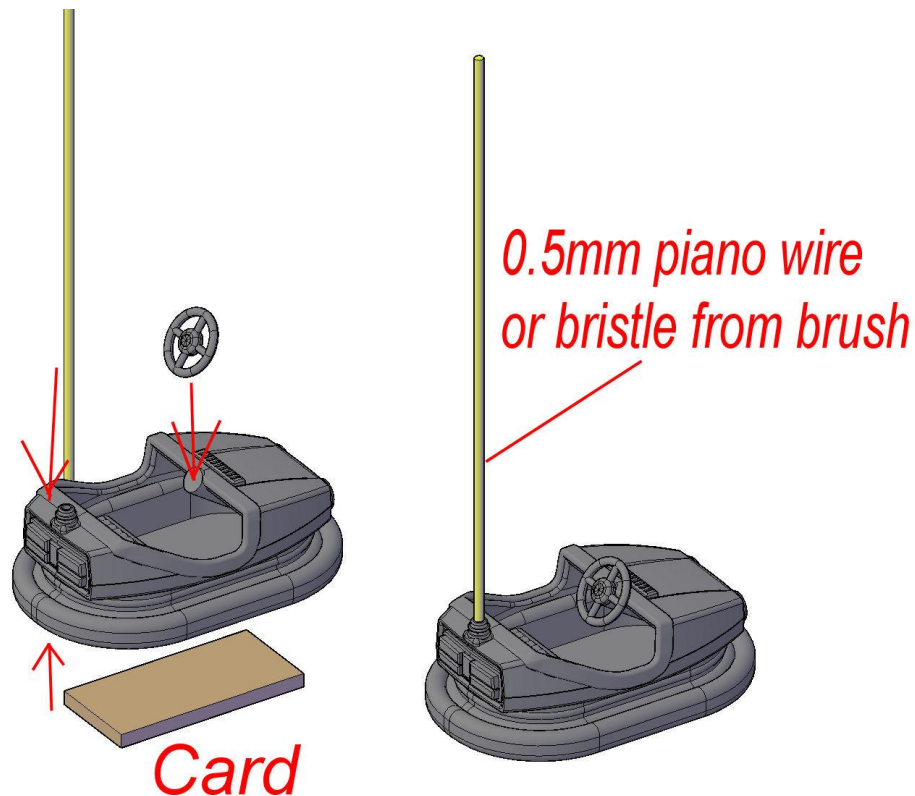


Cars

The model comes with 16 high detail cars, 3d printed on a high resolution 3d printer. The cars are the more modern supercar type that replaced the older rounded supercars so are in keeping with the track.

You will need to supply and fit your own pickup poles, the hole is about 0.6mm wide – you can use thin piano wire or bristles from a sweeping brush, if you drill the hole - be very careful as the plastic will break if you lever it too much.

The car is flat bottomed so it is best if you glue a piece of card underneath which is smaller than the base, this lifts the car slightly and gives the impression that it is on wheels



The steering wheels are separate and will need gluing on

The free roof tarp

If you have downloaded the roof tarp pdf

Print all the parts using the settings 100% size, don't use fit to page.

Printing in standard quality is usually sufficient.

Print the first page first and check the box is the right size with a ruler
before printing the rest.

Cut all out and glue together

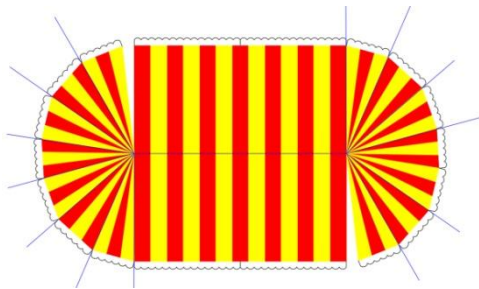
You can if you wish laminate the parts if required and tape together, use
matt pouches

You can also once assembled spray with fixer and matt clear lacquer to
give some extra strength

Once all parts are together crease the parts for bending with a blunt knife
etc bend the paper then straighten it

Don't forget to crease all around the frill edges

Turn the tarp over and glue the remaining 2 joints.



See instructions with roof tarp pdf

[Parts reference sheets](#)

