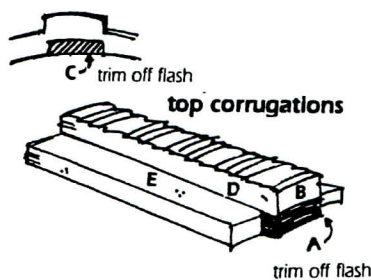


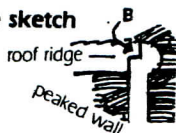
The Roof Installation

Once the walls and doors and windows are in place it's time to turn our attention to the roof. There are sixteen roof panels and seven roof ridge pieces in this kit. The roof ridge pieces are corrugated across the top to match the corrugations in the roof panels. The roof panels have, on their underneath side, two off-center grooves. The Side Building and the Roof Top Building panels need to be cut along the groove closest to the middle of the panel. This will leave you with a 13'-9" panel. You will need a total 8 of these for the Side Building and Roof Top Building. The Main Building will use full length panels.

Roof Ridge / not to scale



Profile sketch



Due to mold and casting requirements, both ends of the roof ridge pieces have flash that must be trimmed away. Here is a simplified sketch of the roof ridge piece(s). (A) is white flash that must be trimmed away so that the end of the roof ridge piece (B) will rest on the inside "flange" of the peaked end walls.

At the opposite end of the roof ridge there is also a piece of flash (C) that must be removed so that the roof ridge support (Short piece of glue strip) will fit in the underside channel, where it will be cemented for strength. Be sure the B end of the roof ridge pieces always end up facing out, so that they rest on the peaked end walls.

The roof panels have a small ridge running along the underneath edge at one end only. This ridge rests against the top inset of the side-walls, and leaves a small gap which forms the rain gutter. The other end butts up against (D) on the roof ridge sketch, and rests on (E).

Side Building: Cement 6 of the 13'-9" roof panels to 3 of the roof ridge pieces, (1 roof panel on each side of the roof ridge) and glue some glue strips over the joints (underneath), then drop the roof into place and glue from underneath all around the edges.

Roof Top: Building: Cement 2 of the 13'-9" roof panels to 1 of the roof ridge pieces. (1 roof panel on each side of the roof ridge) Test fit the roof assemble on the Roof Top Building to see if it will fit between the walls. If its tight, trim off some of the roof until it drops in. Also you will need to modify the t it has a B end on both ends. This will allow the roof ridge to set down flush on the gabled wall.

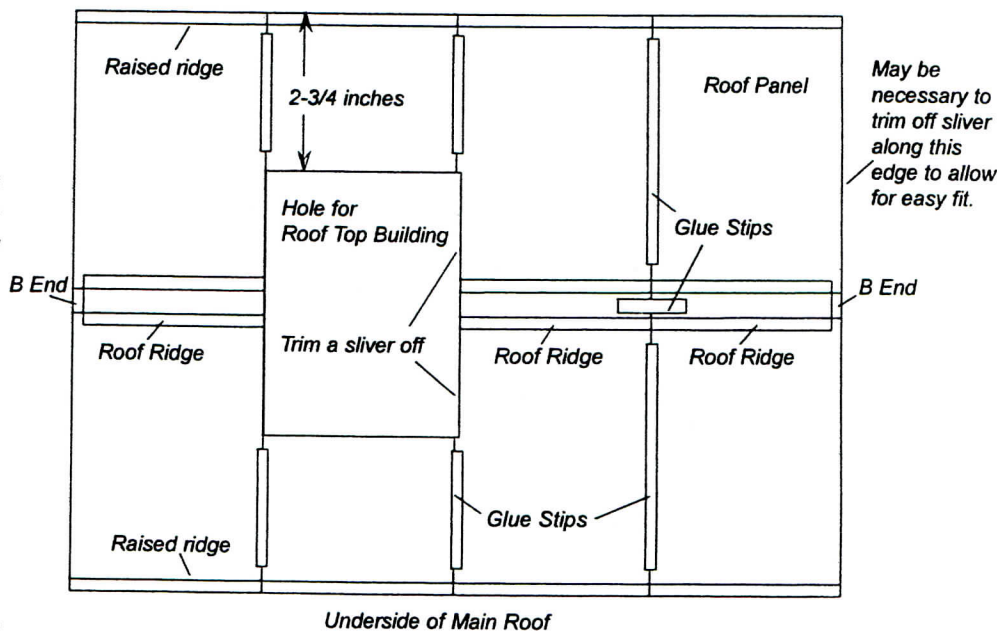
Main Building: You will use the remaining 8 full length roof panels. Two (2) of the roof panels will have to be cut down to 2-3/4 of a real inch. Be sure to measure from the end with the raised ridge. See figure below. Glue the roof panels to the roof ridge as shown and glue some glue strips down the joints and let dry.

parts should keep it from falling all the wall through. Glue in place from underneath. Butt the Side Building up against the Main Building in the desired location.

Also included in this kit is several detail kits, such as a Pikestuff Utility Building, which should be built with the roof flush against the rear wall so that it can be glued up against the M.A.C.. Some Rix Vents are also included which can be mounted on the roof or walls of the M.A.C.. An idea sheet on how the original building was detailed from left over parts from this kit. (including 3/8 tubing for chimney and vents) Gutters are also included and should be glued over the seams of the side walls.

We hope this kit will provide you with many hours of pleasure, both in building and in use on your layout.

One point that we almost forgot to mention is that the components in Pikestuff Kit No. 541-0014 the Extension kit, are fully compatible with the pieces in this kit and a structure of any length can be created by combining the two.



Next test fit the Roof Top Building in the opening of the roof. You may need to trim the adjacent roof panels off until it fits. Now test fit the main roof on the main building, it may also be tight and need to be trimmed to fit easily. When you are happy with the fit, glue the roof in place. Be sure you have the hole in the right place. Once the glue has dried you should be able to drop the Roof Top Building into the hole, and the stop

