

## Roof Ridge / not to scale

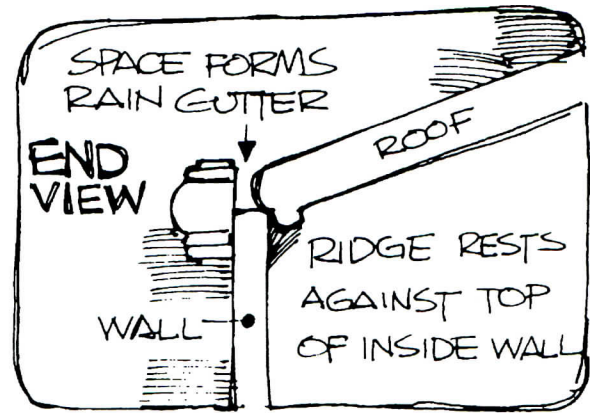
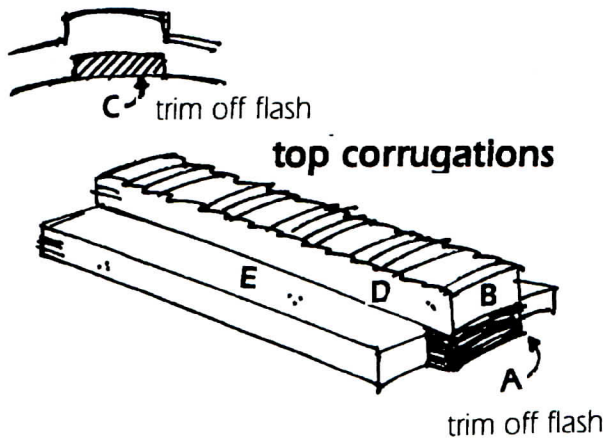


Fig 2

doorways and test fit the personnel doors in them; but again, if you're going to paint either the wall or doors, don't cement them at this point. When all of your walls and reinforcing strips are dry, cement the end and side pieces together to form the enginehouse.

The Pikestuff Fire Station has a new wrinkle in its construction, the overhanging roof in front. When you cut out the front wall of the station, you cut out the roof trim. Replacement roof/eave trim is provided in the kit, but to make it fit, you will have to cut or file off the sidewall gutter trim where it wraps around the front corner. Just finish it flush with the front wall, being careful to keep your cut perfectly vertical, and test fit your work against the rain gutter extensions.

## The Roof

There are four full sized (long) roof pieces and two narrow (Short) roof pieces. Correspondingly, there are two full-sized (long) roof ridges and a narrow (short) roof ridge. The long roof pieces have two cut lines across the underside. Cut the long roof pieces at the cut line closest to the edge. (opposite the small

ridge on the bottom of the roof) So that the long roofs will be the same length as the narrow (short) roof pieces. Greater strength can be had in assembling them in this fashion: assemble the roof ridges long-long-short, but assemble the roof pieces long-short-long. That way all of your joints don't come together.

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 (See fig 1) 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 will fit in the underside channel of the roof ridge pieces where it will be cemented for strength. Butt the three roof ridge pieces up against each other and cement support pieces in place.

The roof panels have a small ridge running along the underneath edge at one end only. (See fig 2) This ridge rests against the top inset of the sidewalls, 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).

Cement the six roof panels to the roof ridge pieces, and use some of the remaining support stock to bond the roof panels together at their joint, then drop the roof into place. Roofs are usually (but not always) a white, cream, or aluminum color to reflect heat.

Now is the time to mask and paint the model and then add the doors and windows. Don't forget the down spouts. Put one at each corner, on the building sides, butted up against the bottom of the gutter. We've included a variety of signs for you to choose from. Simply cut one out and cement it into place (use a rubber cement-liquid because tube glue will bleed through the cardstock and leave an ugly soil mark) over the door and you're in business. We would suggest a piece of .040 styrene (not supplied) painted gray to simulate a concrete base for the model.



**Pikestuff**

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