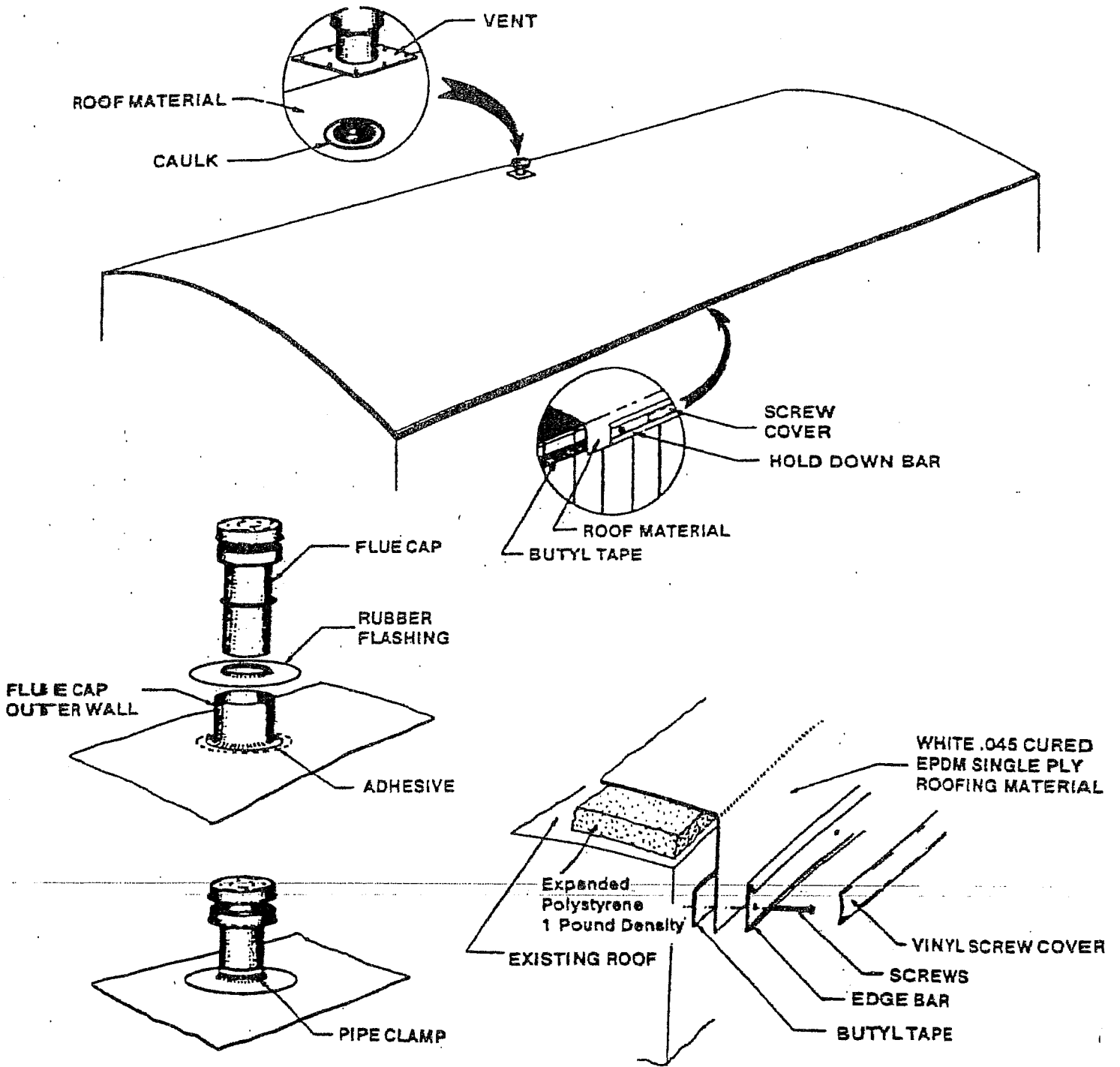


Rubber Roof System

Technical Data



Rubber Roof System

Put an end to roof leaks, roof maintenance, and high fuel bills!

**Single Ply - .045 White/Black EPDM
One Piece - One Time - One Super Savings**

Mobile Homes - R.V.'s - Travel Trailers

Saves Energy and Money!

Backed by a 10 year Warranty!

Prevents Leaking!

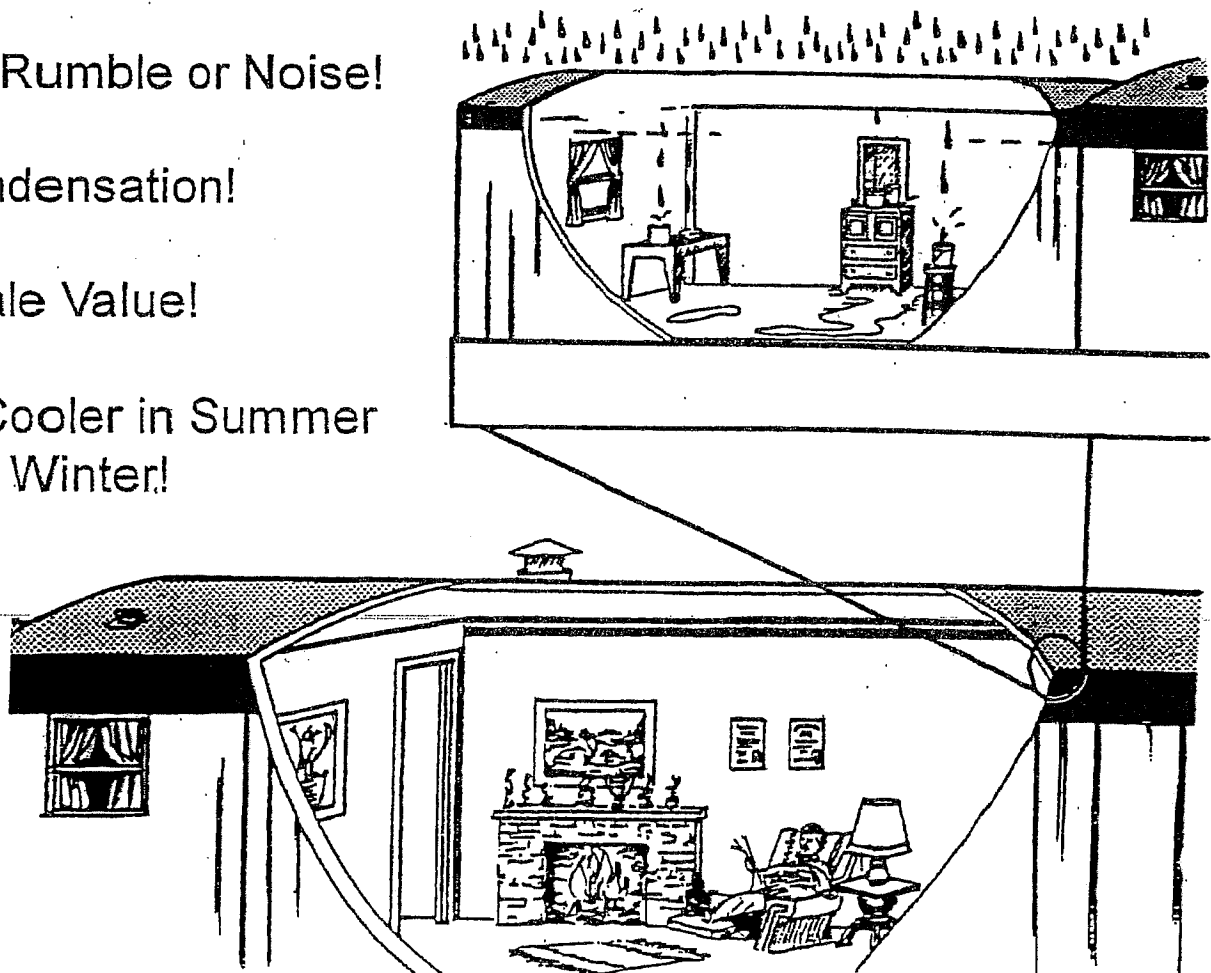
Maintenance Free!

No More Roof Rumble or Noise!

Eliminates Condensation!

Improves Resale Value!

Keeps Home Cooler in Summer
and Warmer in Winter!



4.) Protrusion Extension Instructions

- A. Aluminum sheet 6" wide \times 10' long ~~to make the extensions.~~ **MAY Be Needed** to make the extensions.
- B. Furnace pipes rarely need additional extensions more than what is existing.
- C. CAUTION: DO NOT PLACE RUBBER IN DIRECT CONTACT WITH THE INNER FURNACE OR GAS HOT WATER STACKS. Always attach to the outer stack that has an air insulated chamber between it and the inner stack.
- D. For extensions, take the 6" wide aluminum material and cut each piece 1" longer than the circumference around each protrusion.
- E. Pre-form by hand the aluminum to make an extension 6" long and approximately the same size as the protrusion in diameter.
- F. Make a band (from banding supplied) of sufficient length to place around middle of the pre-formed extension.
- G. Place extension with band around middle over protrusion and tighten (while maintaining the extension straight) until it fits around the protrusion tightly.
- H. Pop rivet 4 rivets equally spaced around the base to attach extension to protrusion.
- I. Pop rivet the vertical overlap with 3 rivets.
- J. Remove the band to use later to secure the rubber.

Figure 1. Placing Membrane onto Roof

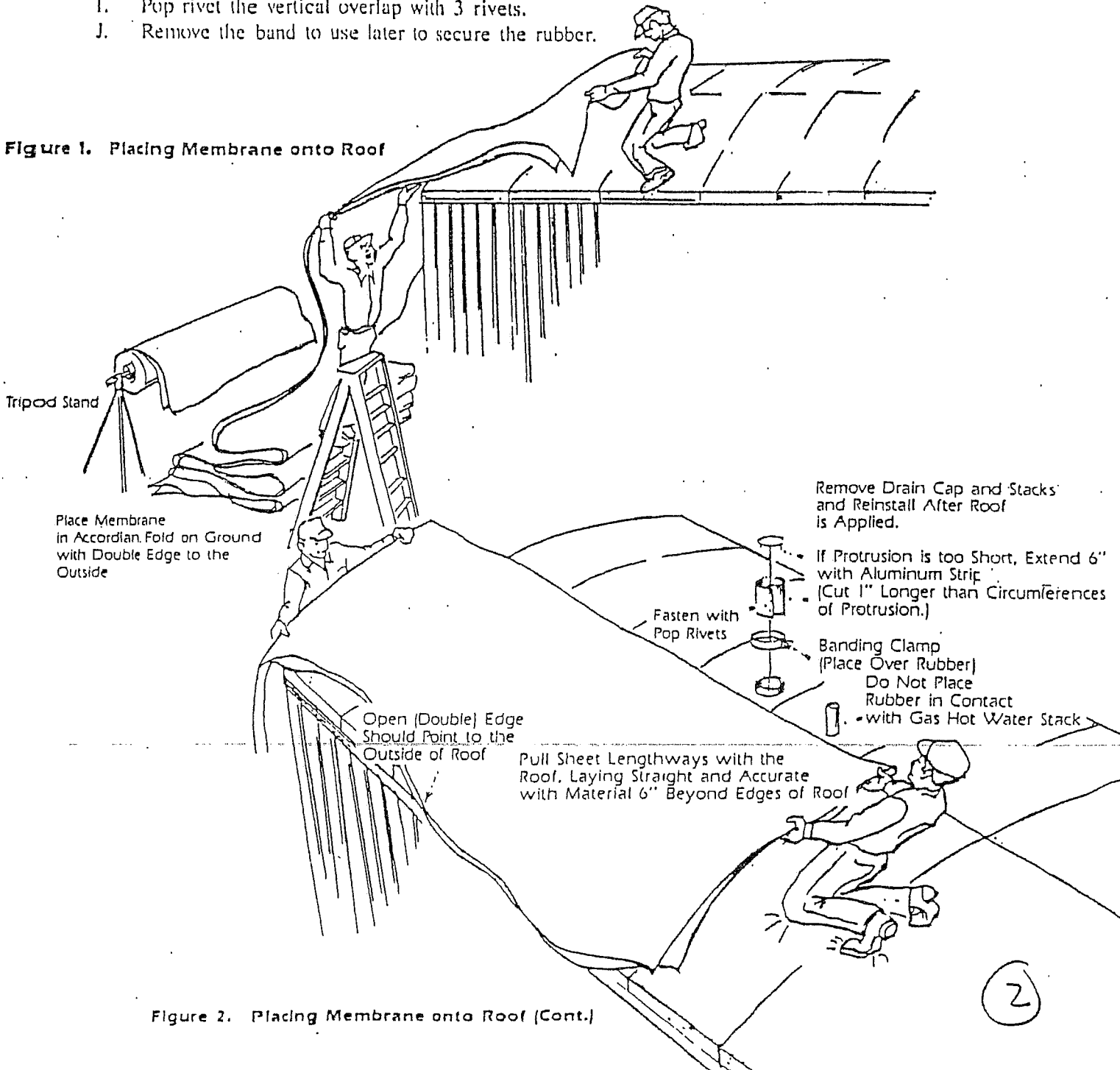
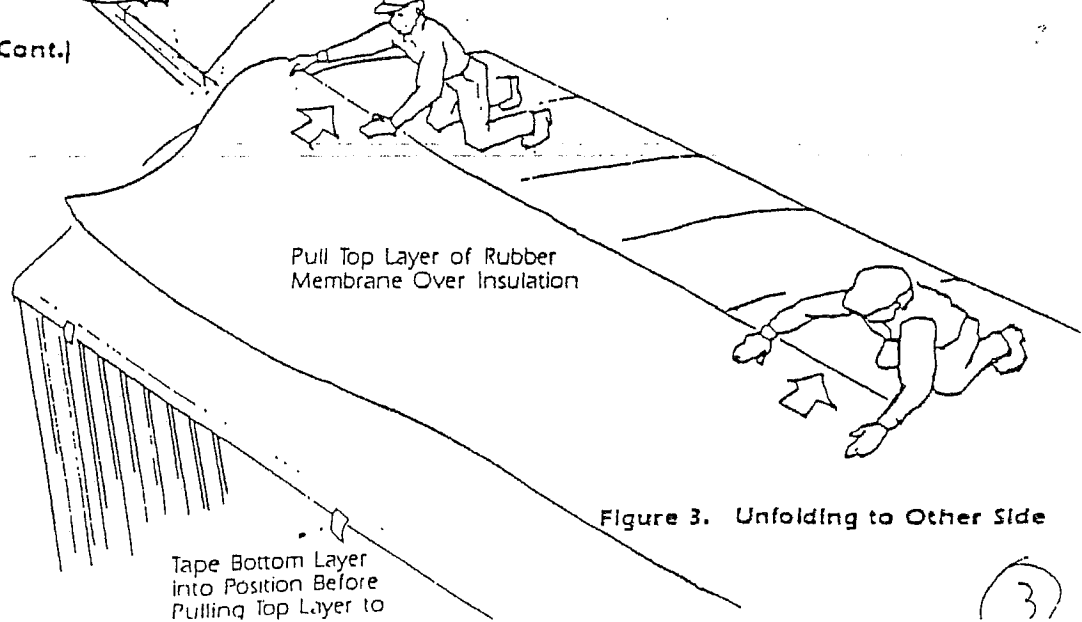
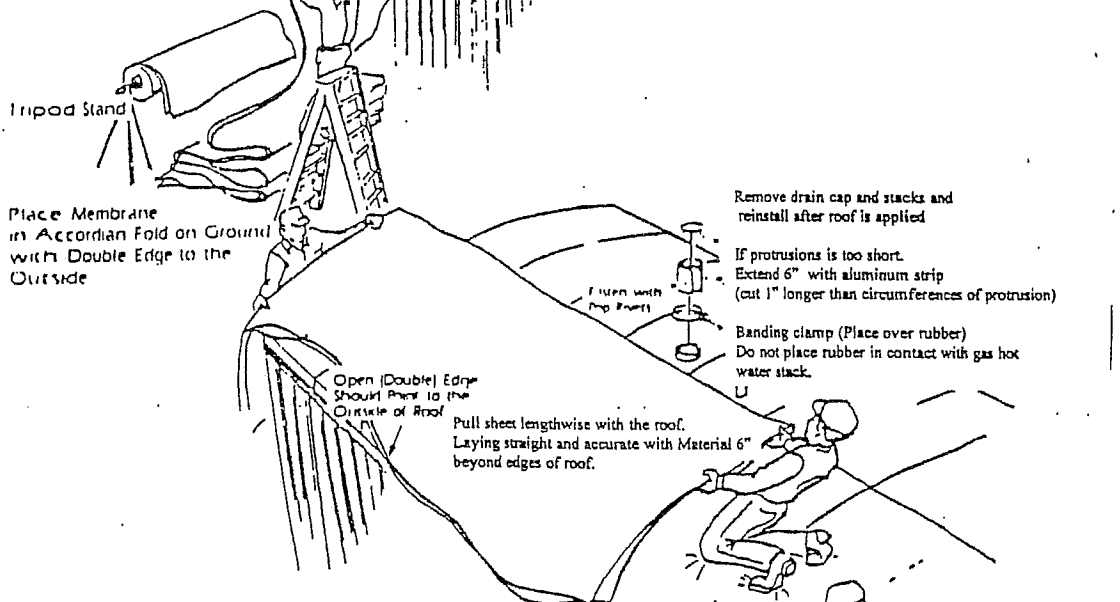
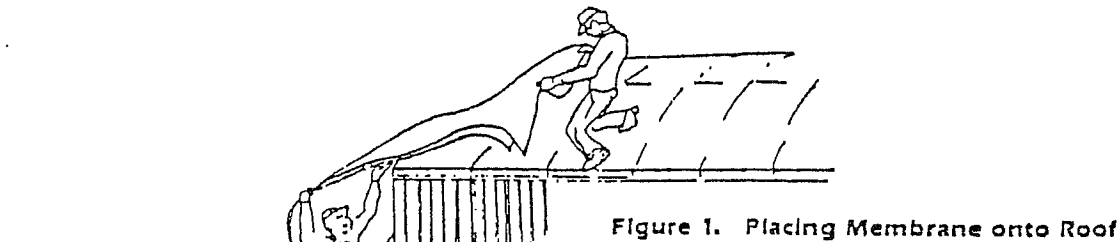


Figure 2. Placing Membrane onto Roof (Cont.)

INSULATION

- 1.) Remove insulation from package and place the first two pieces lengthwise across one end of mobile home, evenly with end edge of roof and centered with the roof lengthwise.
- 2.) Repeat this procedure the full length of roof until it is completely covered.
- 3.) Make sure to cut and fit insulation very closely around protrusions.
- 4.) Trim the excess insulation off around the edge even with the roof line, and angle your cut approximately 15° back towards the center of the roof.
 - A. Neatness and uniformity of this trimming determines the appearance of the edge of your finished roof.
 - B. Use a long blades sharp knife or a fine blades hack saw to trim.
- 5.) Tape insulation temporarily in place with the 1½" wide masking tape.



MOBILE HOME E.P.D.M. POSI SEAL ROOFING INSTRUCTIONS

PREPARATION

Tools Needed:

- | | |
|--|--|
| 1) Two 12' heavy duty step ladders | 10) One pair pliers |
| 2) One 2" x 12" x 16' or suitable scaffold plank | 11) One pair straight tin shears |
| 3) Two electric screw guns with hex magnetic sockets | 12) One steel tape measure |
| 4) Two 50' heavy duty extension cords | 13) Two screw drivers, flat blade, medium |
| 5) Two razor blade utility knives | 14) One hack-saw with fine teeth |
| 6) One pair scissors, 6" blade | 15) One 1/4" electric drill with extra 1/8" drill bits |
| 7) One 2" paint brush | 16) CLEAN COTTON WASTE RAGS TO WASH RUBBER |
| 8) One caulking gun frame for caulking tubes | 17) One quart safety container for unleaded gas |
| 9) One hammer | 18) One Pop Riveter |

PREPARATIONS OF ROOF PROTRUSIONS

For simplification, all vents and stacks will be referred to as protrusions.

- 1.) Remove all rain caps from protrusions and save for re-installing later.
- 2.) Remove any extra extensions on furnace stack and save to re-install later.
- 3.) Check for existing protrusions being too short and extend to a minimum of 6". This should be done before proceeding with roof instructions to follow.

CAUTION: DO NOT REMOVE GUTTER OR TRIM STRIPS FROM MOBILE HOME FOR THE PURPOSE OF INSTALLING THIS KIT.

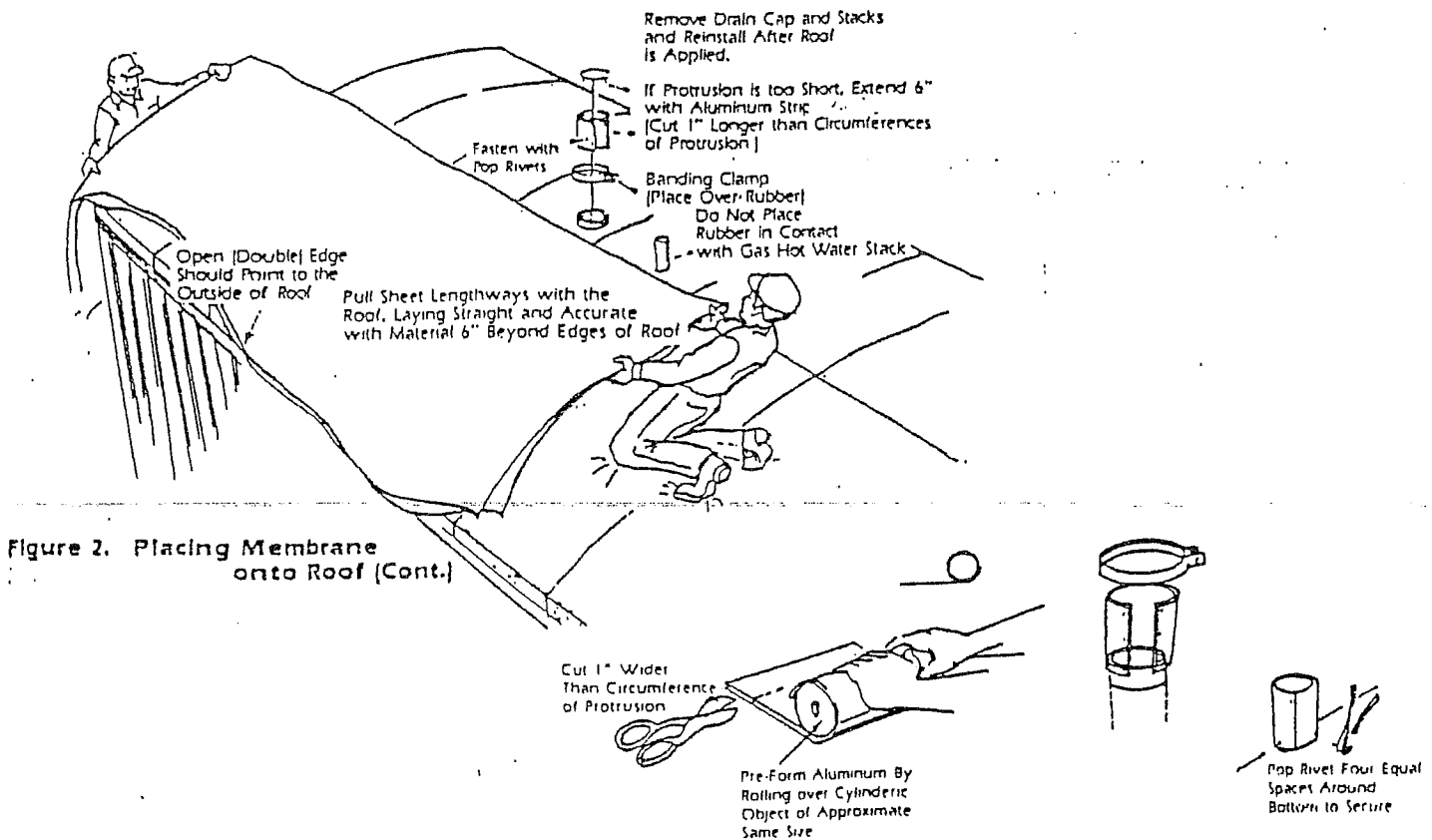


Figure 2. Placing Membrane onto Roof (Cont.)

Figure 6. Protrusion Hardware

RUBBER MEMBRANE INSTALLATION

The rubber membrane is supplied on a cardboard spool. The sheet is folded 7½' wide before it is wrapped. The side that is folded and direction of unrolling is marked on the packaging.

- 1.) Unroll the membrane from the spool by simply unrolling across the yard or by placing the roll on a stand.
- 2.) Place the sheet in an accordion folded pile at one end of mobile home. Leave the sheet folded in width during all of this procedure.
- 3.) One man can lift a corner of one end of the sheet up to the other man on the roof. Pull the sheet up lengthwise with the roof, all the way up until it is all up and laying out straight. Place the sheet on the side that has the least protrusions with the fold to the middle of the roof.
- 4.) Shift the sheet so that one end and the side of the sheet that has the open edges are extending 6" beyond the edge of the roof. Be sure it is straight and accurate.
- 5.) Unfold the rest of the sheet by sliding the top sheet only toward the other side of the roof.
- 6.) As you encounter protrusions, cut the membrane to fit closely around each protrusion.
- 7.) After the sheet is completely unfolded and fitted around the protrusions, it should have a minimum of 6" of membrane extending out around both sides and one end.
- 8.) The excess material on the other end should be trimmed off to extend 6". Save the cut-off for later use as flashings.
- 9.) Make sure your insulation sheets have not slipped out of place and the membrane is laying straight with no wrinkles, then get completely off the roof for the termination operation.

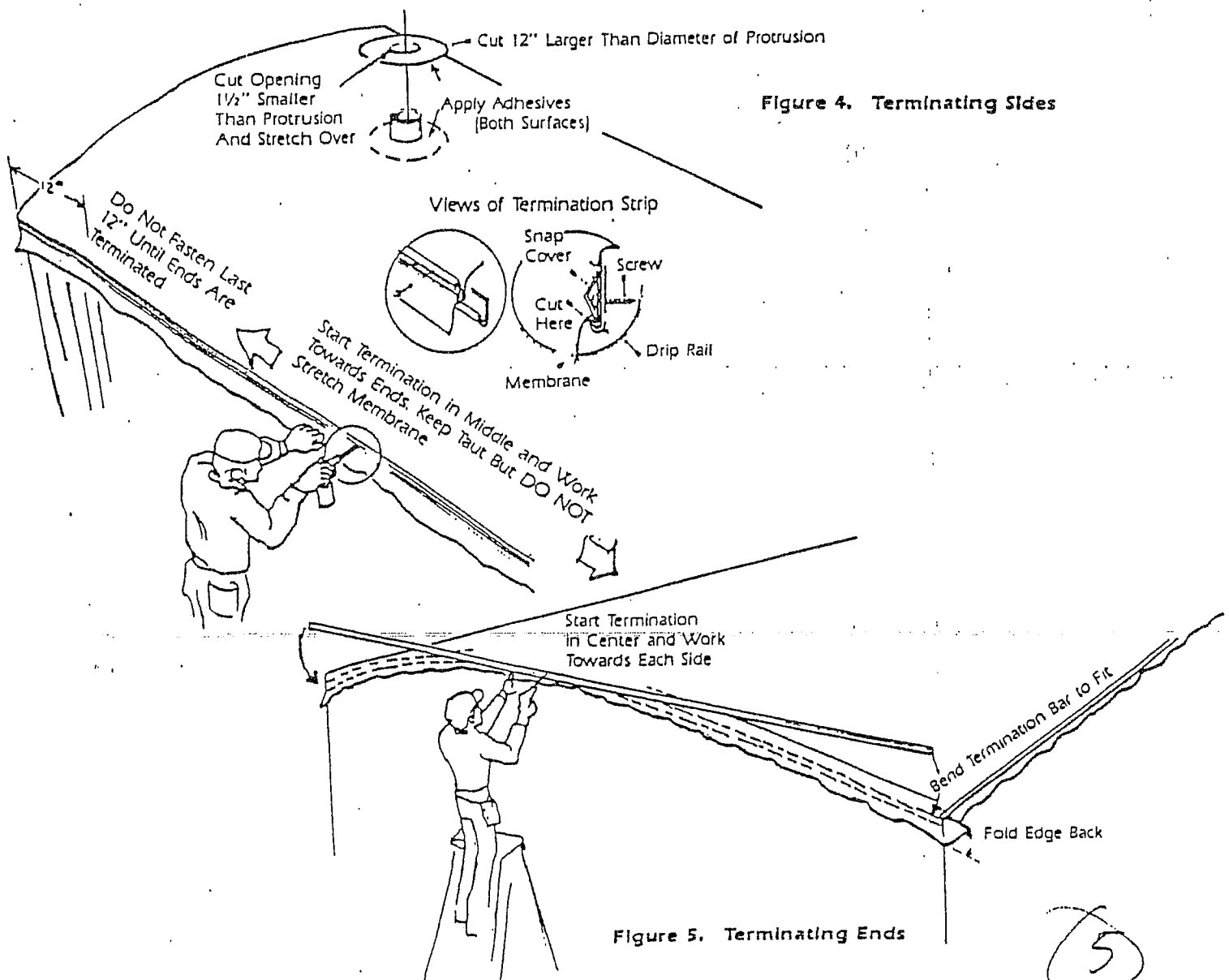


Figure 5. Terminating Ends

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NOTE: Let rubber membrane relax for approximately 25 to 30 minutes prior to installing Termination Bar.

PERIMETER TERMINATION

Note: The final appearance of the perimeter of finished roof applications depends on maintaining an equal tension on the membrane while applying the termination bar all the way around the roof edge. Do not stretch the membrane at any time, just keep it taut to maintain the same appearance all around.

Install edge seal tape to one side of roof edge where Termination Bar will go.

- 1.) Terminate the sides first by starting in the middle and work towards each end.
- 2.) Place the termination bar over the membrane just above the existing gutter rail and slide it down until the rubber on the bottom edge of the termination bar is captured in the gutter. Hold this down firmly, and fasten with the screws provided. Note: Seal Tape must be aligned with Termination Bar.
- 3.) Advance the length of the roof edge repeating this procedure and watching the appearance of the area just above the bar. If it appears to be loose or too full looking, simply hold the bar and pull on the rubber until it looks like the area you have previously fastened down.
- 4.) Do not fasten the last 12" on each end of the sides of the mobile home until after the ends are terminated.
- 5.) Terminate the ends starting in the center and work to each side bending the bar to fit as you proceed.
- 6.) If the ends have a gutter rail, place the bar the same as the sides. If it only has a trim strip, place the term bar below but overlapping this trim strip by one-half the width.
- 7.) Cut termination bars to match at the corners.
- 8.) The excess material at each corner should be folded over on the sides and finish terminating the last 12" of the term bar.
- 9.) After the termination bar is all installed, trim off any membrane material extending below with a razor blade utility knife.
- 10.) Insert the vinyl strip in the termination bar to cover screw heads, and trim to length at the corners.

