

NEWMAR CORPORATION WARRANTY DEPARTMENT

TECHNICAL SERVICE BULLETIN																			
DATE ISSUED		MODEL YEAR(S) AFFECTED			MODEL(S) AFFECTED			TSB #											
3/3/95		1995			All			110											
BRAND					TYPE														
All	<input type="checkbox"/>	American Star	<input type="checkbox"/>	Kountry Star	<input type="checkbox"/>	Dutch Star	<input type="checkbox"/>	All	<input checked="" type="checkbox"/>										
NewAire	<input type="checkbox"/>	Mountain Aire	<input type="checkbox"/>	Kountry Aire	<input checked="" type="checkbox"/>	London Aire	<input checked="" type="checkbox"/>	T T	<input type="checkbox"/>										
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<table border="0"><tr><td><input type="checkbox"/> Air Conditioning & Heating</td><td><input type="checkbox"/> Electrical Components</td></tr><tr><td><input type="checkbox"/> Appliances & Accessories</td><td><input type="checkbox"/> Exterior Components</td></tr><tr><td><input type="checkbox"/> Cabinets & Furniture</td><td><input type="checkbox"/> Interior Components</td></tr><tr><td><input type="checkbox"/> Chassis Components</td><td><input type="checkbox"/> Plumbing & Bath Components</td></tr><tr><td><input checked="" type="checkbox"/> Construction Components</td><td><input type="checkbox"/> Windows, Awnings, Vents, & Doors</td></tr></table>										<input type="checkbox"/> Air Conditioning & Heating	<input type="checkbox"/> Electrical Components	<input type="checkbox"/> Appliances & Accessories	<input type="checkbox"/> Exterior Components	<input type="checkbox"/> Cabinets & Furniture	<input type="checkbox"/> Interior Components	<input type="checkbox"/> Chassis Components	<input type="checkbox"/> Plumbing & Bath Components	<input checked="" type="checkbox"/> Construction Components	<input type="checkbox"/> Windows, Awnings, Vents, & Doors
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DESCRIPTION OF PROBLEM																			
Possible leaks on slide room's with flush floor.																			
RECOMMENDED SOLUTION																			
Add seal block at top per instructions. Add aluminum angle to bottom edge per instructions. This needs to be done on all units. Please contact your service representative for an authorization for labor and the parts department for parts needed. This job will take 4 hours to complete. Newmar will contact all retail customers to make them aware of what needs to be done on these units.																			

If you have any questions regarding this T.S.B., please contact a Warranty Service Representative at Newmar Corporation.

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Instructions for Adding Seal Block to Top of Drop Down Slide Out Roof

1. Extend the slide out to within 8" of out position.
2. See diagrams, study carefully. DO NOT remove the slide out facia board!!!
3. Remove the top rubber seal that is attached to the aluminum angle on the roof of the slide out.
4. Remove the aluminum angle that the rubber seal was attached to.
5. Remove all sealants and putty that was under the aluminum angle with a putty knife.
6. Measure the distance across the top of the roof, between the aluminum angle on the sides of the slide out, to determine length of the new roof seal. Allow 1/4" for rubber on ends of the 2 x 4 roof seal.
7. Cut the 2 x 4 to the proper length.
8. To determine the location of the 2 x 4 seal block on the top of the slide out, lay the 2 x 4 block against the steel plate and secure the block with three screws, one at either end and one in the center. Run the slide out to the out position and check seal of block. See diagram 3 for ideal seal of block against rubber slide out seal. If ideal seal is not achieved on the 2 x 4 block, adjust block accordingly. When proper seal is achieved, mark the location of the 2 x 4 block on the slide out roof and remove the 2 x 4 block from the slide out roof.
9. Cover the 2 x 4 block with the rubber roof material provided in the kit.
10. Staple the rubber roof material to the block at the top of the 2 1/8" side and wrap the rubber tightly, going counter clock wise around the 2 x 4 block. Staple or nail the rubber roof material, after stretching tightly, to the back of the 2 x 4 block. See diagram 2, figure A.

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Instructions for Adding Aluminum Angle to Edge of Slide Out Opening

1. Study diagram 4 supplied.
2. Cut 1 1/2" aluminum angle--do not cut 5/8" portion of angle, bend in this area. Aluminum angle should be cut and bent to a 90 degree angle. Aluminum angle is to be the width of the sidewall and from the side wall to the drop of the floor. At the bend, the piece should go to the edge of floor where it drops off.
3. Loosen outside leg trim 4 feet up from bottom and pull loosened portion of leg trim away from body of unit. This should give you access to area where aluminum angle is to be installed.
4. Lay angle into opening so that 5/8" portion of angle is against side wall and against edge of carpet.
5. Remove carpet from under angle piece so that carpet cannot wick water into unit.
6. Seal angle piece at edge of side wall and where cut is made in angle to keep water from getting into the floor of the unit.
7. Fasten angle piece to floor with one screw. Silicone screw head after angle piece is secured. Use 1" x #8 washer head screw provided.
8. Add new butyl putty to area where leg trim is pulled loose from body of unit.
9. Re-fasten side leg trim.
10. Re-silicone leg trim.

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11. Carefully wrap the rubber roof around the ends of the 2 x 4 and staple on the bottom of the 2 x 4.
12. Measure 3" in from the end and pre-drill a hole through the top of the 2 x 4. Pre-drill a hole through the 2 x 4 every twelve inches, using a 3/16" drill bit. See diagram 2, figure B.
13. Using the 3" x #8 washer head screws provided in the kit, insert a screw into each of the pre-drilled holes before setting the 2 x 4 seal block on top of the slide out roof.
14. Install butyl putty tape 1/4" back from the edge of the 2 x 4 seal block prior to setting the block on the slide out roof.
15. Install a small strip of butyl putty tape on the bottom of the 2 x 4 seal block where screws will be coming through, so that the screw will be sealed by the tape.
16. With the slide out eight to ten inches from the out position, install the 2 x 4 seal block across the top of the slide out roof, at the pre-determined position. See step 7.
17. Install all of the screws across the top of the 2 x 4 seal block. Make sure all of the screws are tight and have pulled the 2 x 4 seal block tight to the slide out roof. Use 3/8" drive air ratchet with 1/4" socket and screw gun bit to install screws.
18. Run the slide out to the out position and seal the gap between the slide out roof and the 2 x 4 seal block with rubber roof sealant provided in the kit. This can be done by getting on top of the slide out roof in the out position.
19. Run the slide out into the in position and seal ends of the 2 x 4 seal block with rubber roof sealant. See diagram 2, figure C.

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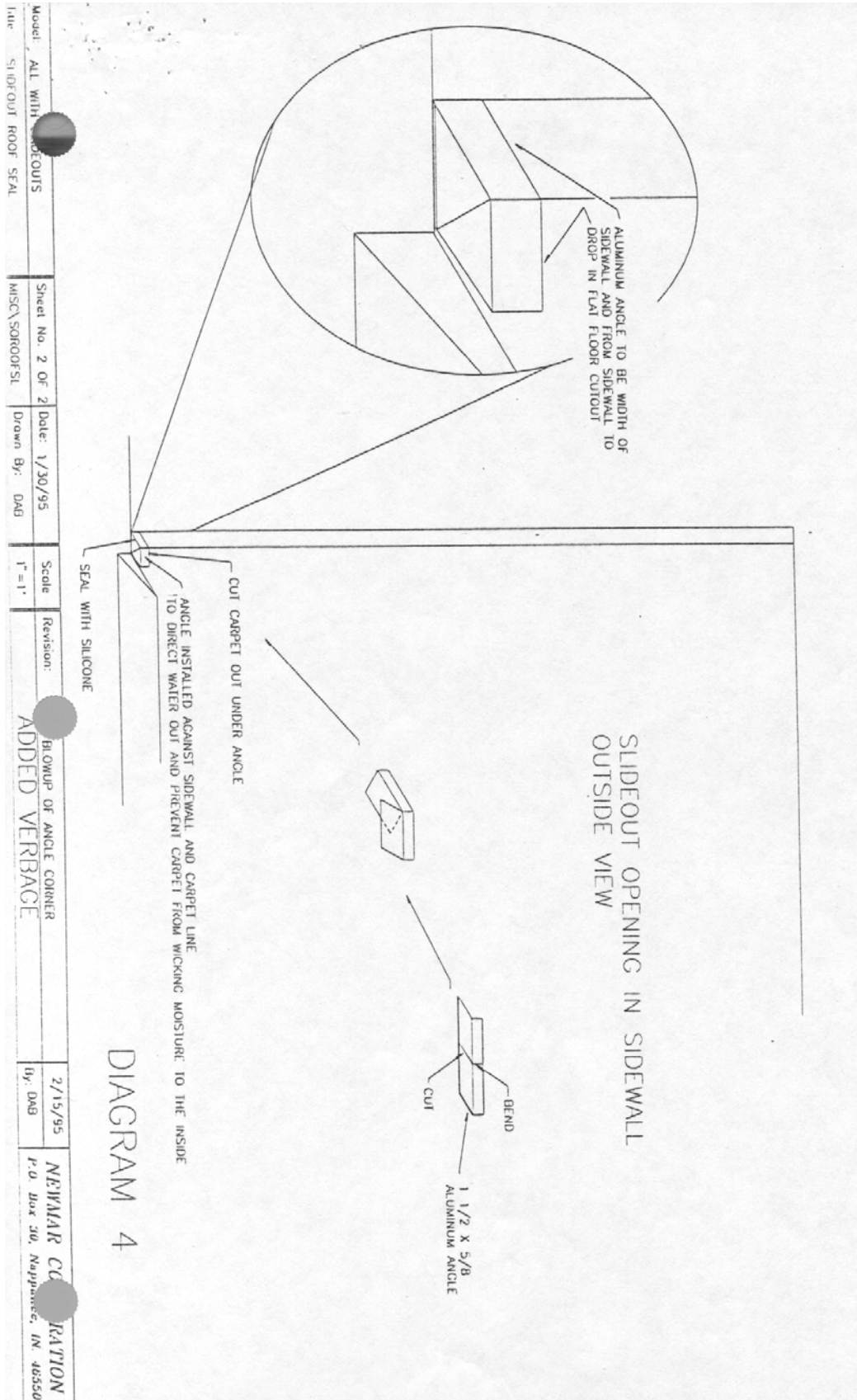
KIT INCLUDES:

Rubber roof piece, 12" wide
2 x 4 with 5/8" plywood top, cut at a 35 degree angle (2 x 4 seal block)
3" x #8 washer head screws
1 tube rubber roof sealant
butyl putty tape
2 pieces aluminum angle 5" x 1 1/2" x 5/8"
1 tube silicone
2 each 1" x #8 washer head screws

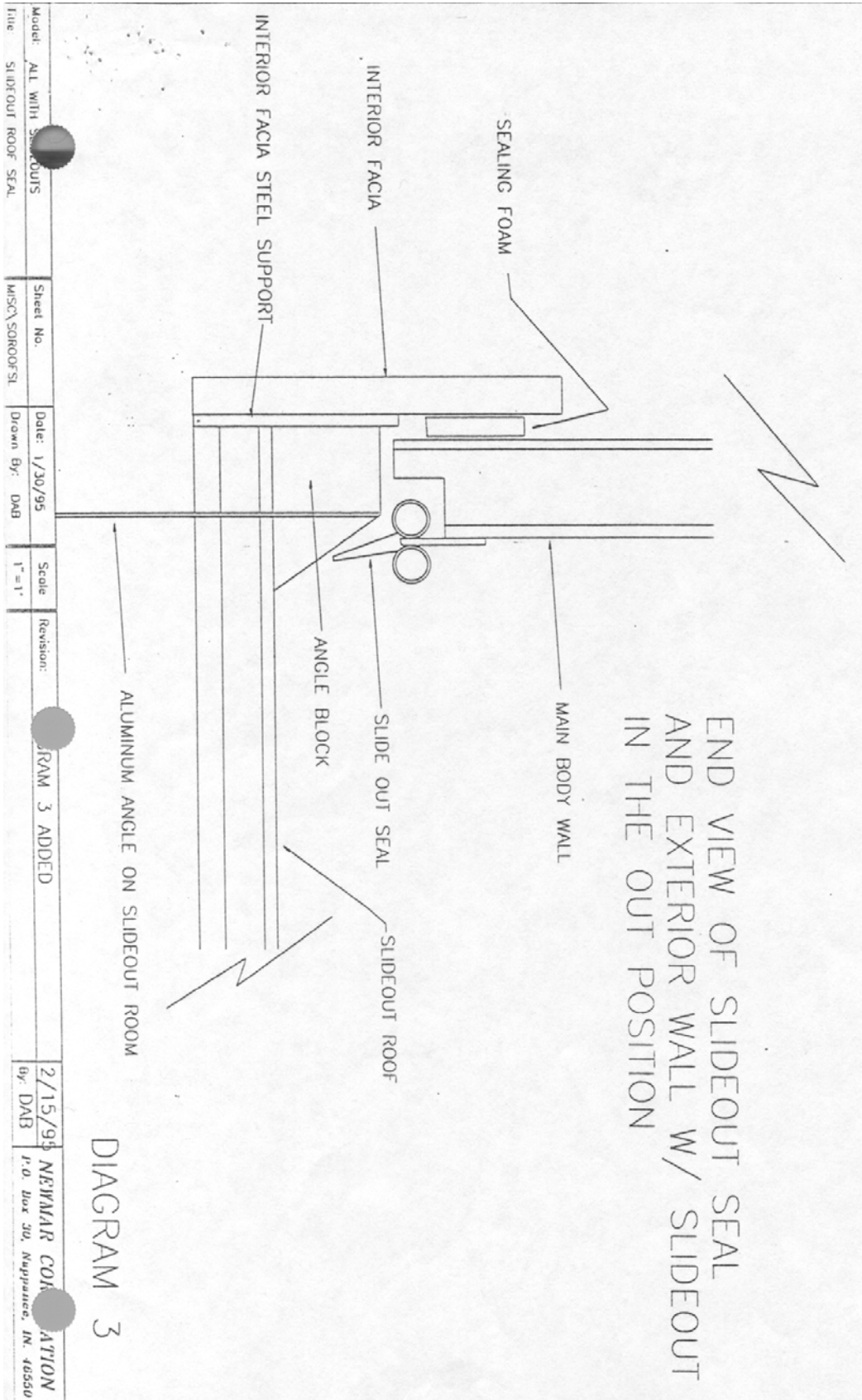
TOOLS REQUIRED

3/8" Drive air ratchet
1/4" socket for air ratchet
3/16" drill bit
1/4" electric drill
square drive screw gun bit
screw gun
putty knife

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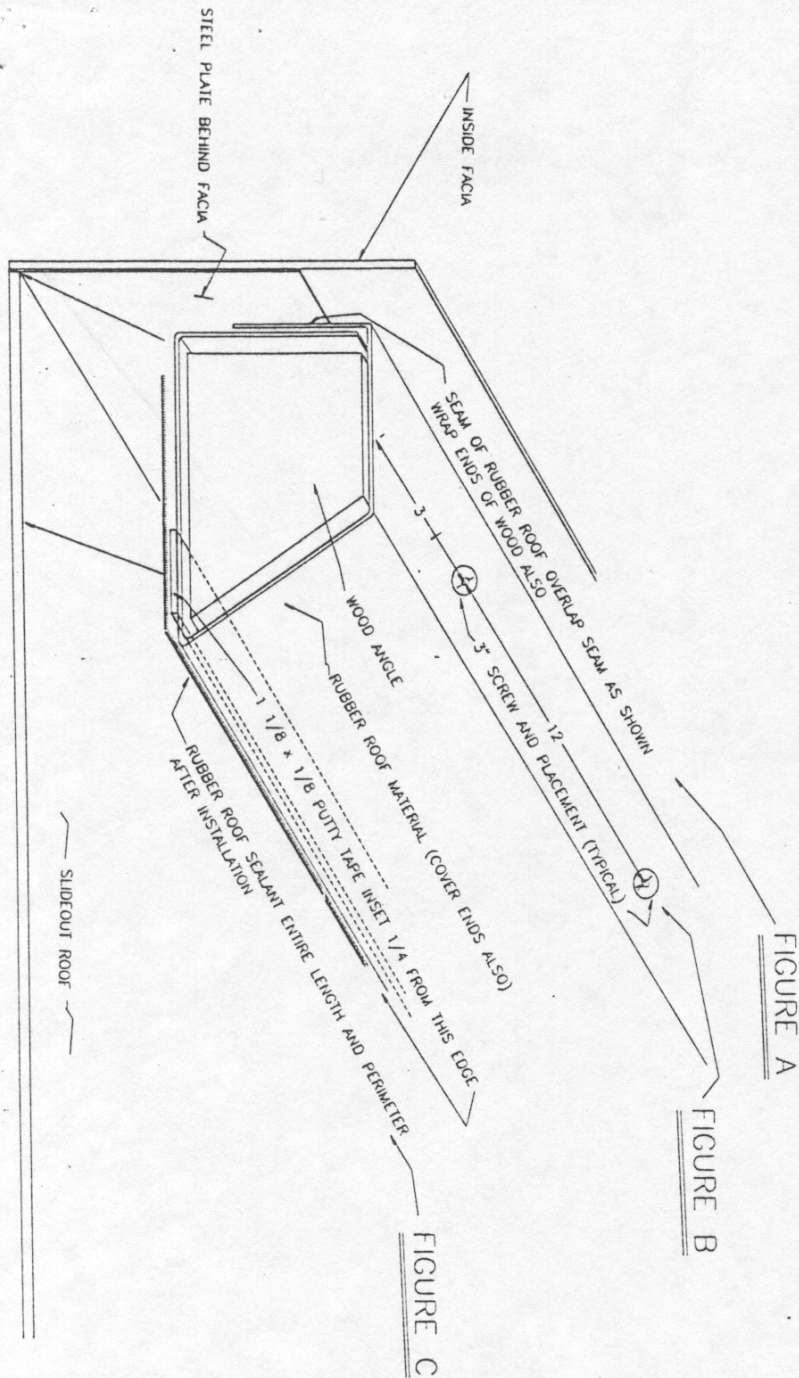


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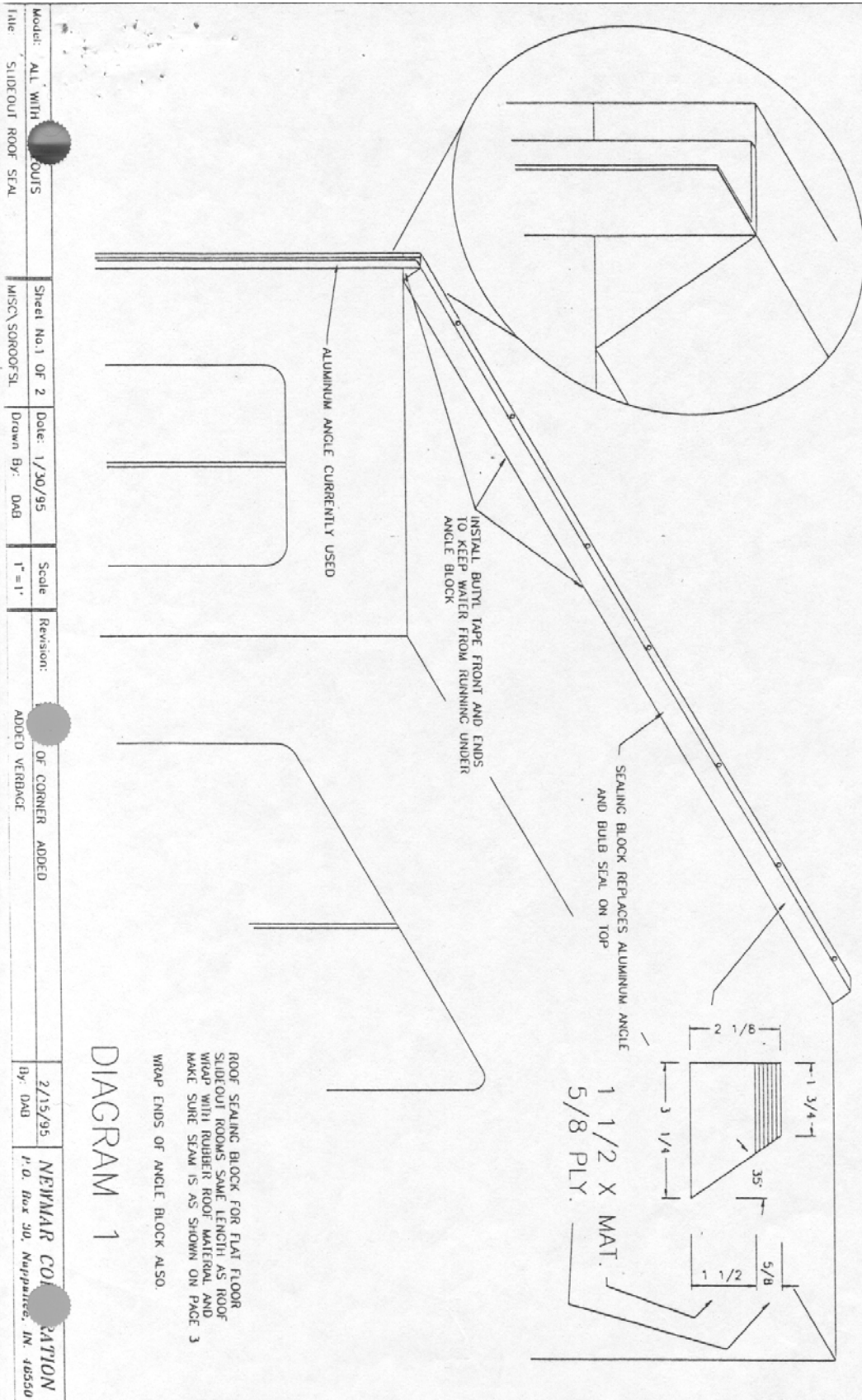
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Model:	ALL WITH SLIDEOUTS	Sheet No. 3 OF 3	Date: 1/30/95	Scale	Revision:	2/15/95	NEWMAR CORPORATION
Title:	SLIDEOUT ROOF SEAL	MISC\SOROOF.SL	Drawn By: DAB	1" = 1'	ADDED VERBAGE	By: DAB	P.O. Box 30, Nappanee, IN 46550

DIAGRAM 2



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