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COMMERCIAL AND RESIDENTIAL REAL ESTATE INVESTORS

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Bluestone, Inc.
P.O. Box 304
New Boston. NH 03070

To Whom it may concern,

Approximately 20 years ago, when we had you install one of your roofing systems on one of our buildings, we, as is natural, were skeptical of statements made by your representative that it would last 20 years. After checking the roof recently, all of us here concluded that it would last another ten years and possibly much more.

We remember gratefully that the demonstrations of your product caused us to put our roof on at the time. The recent Installation of one of your roofing systems on a second building, made us realize how competitive your roofing systems are.

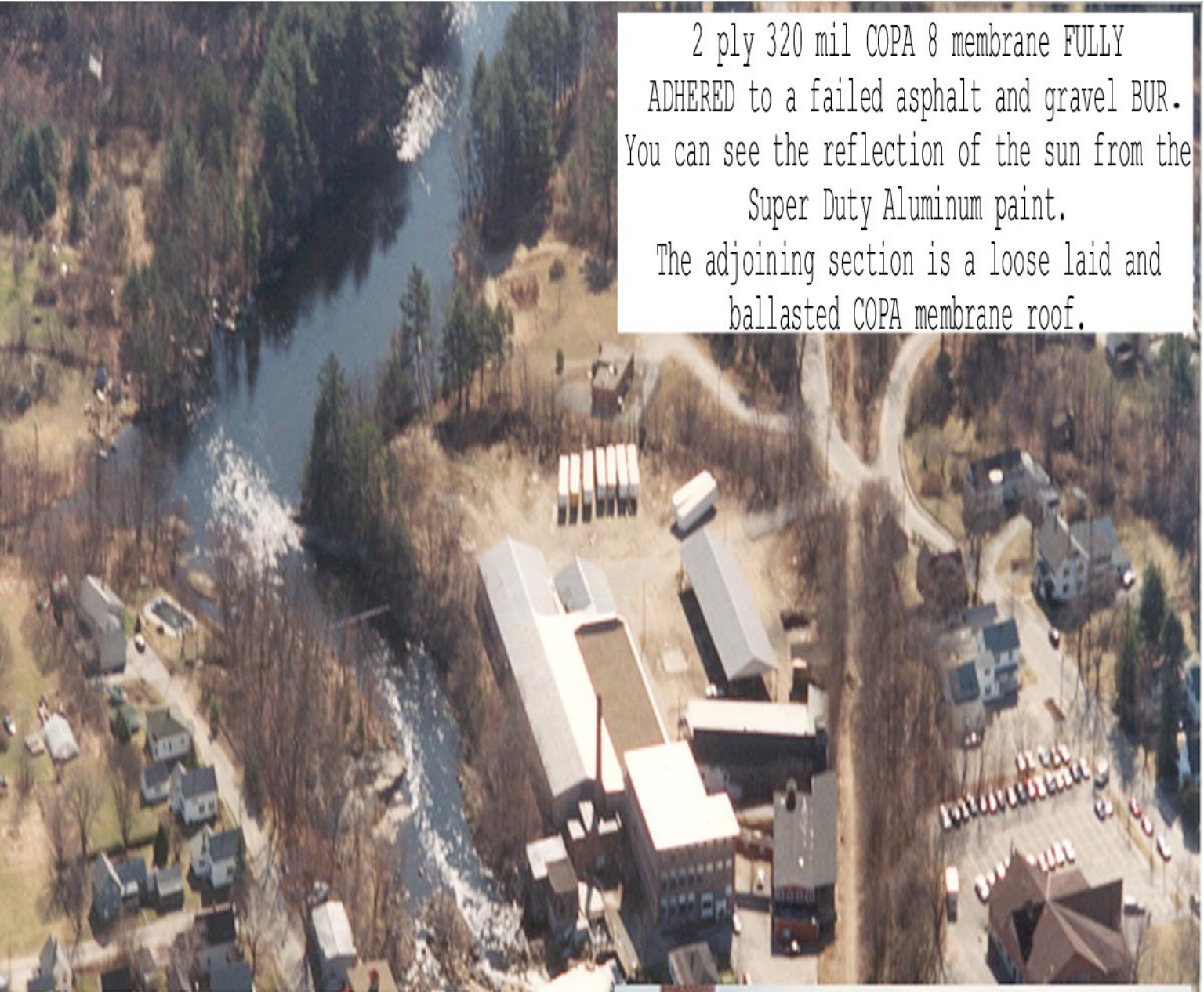
We extend our thanks to you for the high quality roofs you have installed on our buildings. We no longer have to worry about other roofers thin rubber membrane roofs that only last seven years or less.

Very truly yours,



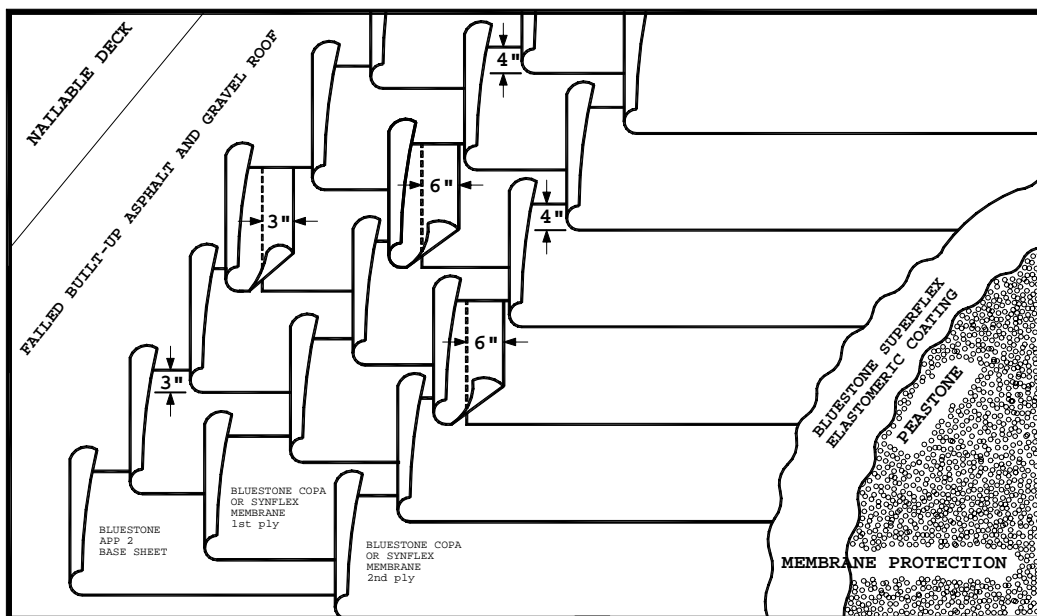
John B. Janigan
JBj/jd

2 ply 320 mil COPA 8 membrane FULLY ADHERED to a failed asphalt and gravel BUR. You can see the reflection of the sun from the Super Duty Aluminum paint. The adjoining section is a loose laid and ballasted COPA membrane roof.



Notice the staggered joints.

NAILABLE DECK
OVER A FAILED BUILT-UP ASPHALT AND GRAVEL ROOF
RETROFIT



The top ply must have lap
in center of the underlying ply.

1. TYPE OF DECK:

Plywood, wood plank, gypsum, metal.

2. MATERIALS:

Approved fasteners * STAINLESS STEEL and PLASTIC when moisture is present.

BLUESTONE APP 2 base sheet * OPTIONAL * Recommended when reroofing over a coal tar pitch roof.

BLUESTONE COPA 4 membrane (Co Polymer Alloy)

BLUESTONE SYNFLX 4 membrane (SYNthetic FLEXene)

BLUESTONE SUPERFLEX ELASTOMERIC COATING and pea stone

3. MECHANICAL ATTACHMENT OF OLD ROOF AND OR BASE SHEET:

The old Built-Up Asphalt and gravel roof must be planed smooth and swept clean. If the old roof insulation is wet, consult a qualified roofing consultant, perform a moisture scan to determine if any damage was caused by the moisture penetration. The old roofing system should be aerated by puncturing the old roof with a 1/2" drill every 4 square feet. This will allow the trapped moisture to aerate inside the building and prevent future blisters from forming. When moisture is present in the old roofing system, STAINLESS STEEL screws and PLASTIC plates should be used to secure the old roof or base sheet prior to reroofing. All roofing systems will dry out when these steps are taken. The only exception is roofs with concrete decks. (SEE SPECS. FOR **NON-NAILABLE DECK OVER FAILED BUILT-UP ASPHALT ROOF**) If a base sheet is used, it shall be mechanically attached to the underlying roof deck using the architect approved number of fasteners. The base sheet shall have 3" overlaps and extend up the walls a minimum of 2 inches past the cant strip.

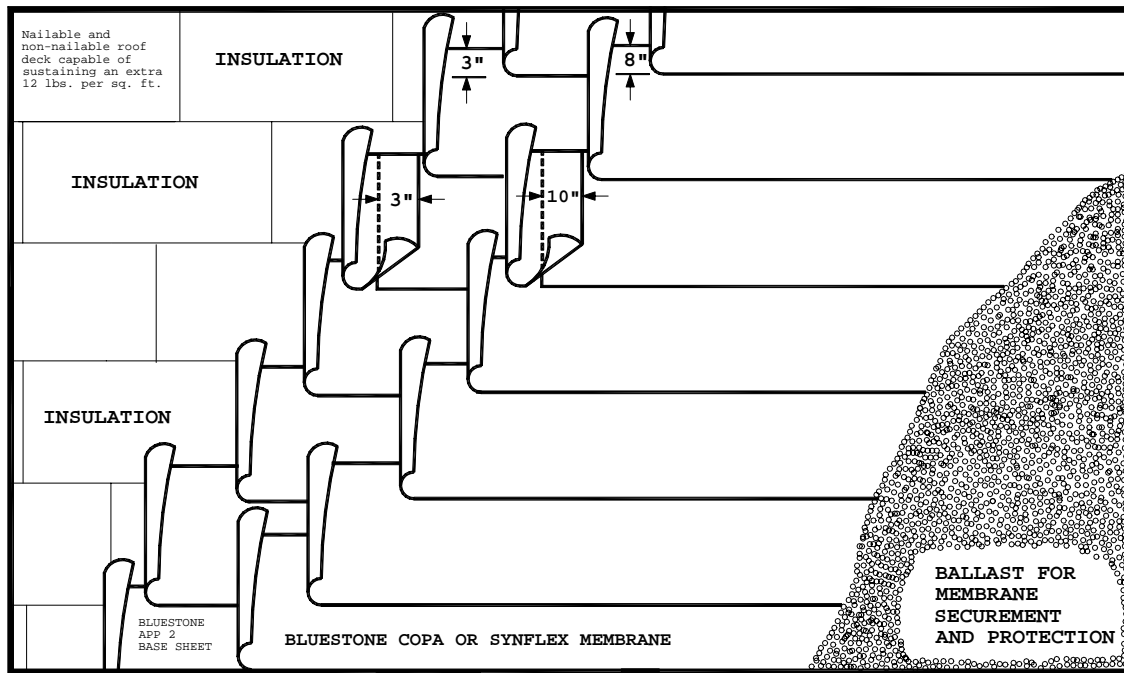
4. MEMBRANE INSTALLATION:

Starting at the low point of the roof, fully adhere the first ply of BLUESTONE membrane by HEAT WELDING to the failed built-up asphalt and gravel roof, making sure to stagger all of the end laps a minimum of 4'. Side laps must be 4" and end laps 6". Repeat this procedure once more, conforming to the above diagram. All side laps must be centered on the previously installed ply and all end laps must be staggered with the previously installed ply. **ADHERING AND SEAMING THE BLUESTONE MEMBRANES WITH GLUES OR HOT ASPHALT WILL AUTOMATICALLY VOID THE WARRANTY.**

5. MEMBRANE PROTECTION:

The new roof will be coated with BLUESTONE SUPERFLEX ELASTOMERIC COATING at a minimum rate of 10 gals. per 100 sq. ft. and covered with pea stone, 1/2" fractured stone or slag at a minimum rate of 2 lbs. per sq. ft. On roofs that pond water, BLUESTONE F.A.R., (Flat Asphalt Roofcoating) is recommended at a rate of 7 gallons per 100 sq. ft. and covered with the afore mentioned stone at a minimum rate of 3 lbs. per sq. ft. SUNSHIELD ALUMINUM CHIPS and SUPER DUTY ALUMINUM PAINT are a lightweight option.

NAILABLE OR NON-NAILABLE DECK
WITH INSULATION
NEW CONSTRUCTION



1. TYPE OF DECK:

Must be capable of supporting 12 lbs. per square ft.

2. MATERIALS:

- Vapour barrier (OPTIONAL)
- Acceptable insulation
- Base sheet (30 lb felt)
- BLUESTONE COPA (Co Polymer Alloy) 4, 5, 5.5, or 6 (160, 200, 225 or 250 mil) membrane
- BLUESTONE SYNPLEX (SYNthetic FLEXene) 4, 5, 5.5, or 6 (160, 200, 225 or 250 mil) membrane
- 2" to 3" stone ballast

3. INSULATION INSTALLATION:

After the vapour barrier is installed, the insulation will be laid over the decking and vapour barrier in a staggered fashion.

4. MEMBRANE INSTALLATION:

Starting at the low point of the roof deck, loose lay one sheet of 30 lb. felt over the insulation. This is to protect the insulation from the heat application process. Starting at the low point of the roof, loose lay the BLUESTONE membrane and HEAT WELD the seams. 8" side laps and 10" end laps are recommended. All of the end laps must be staggered a minimum of 4 ft. SEAMING THE MEMBRANES WITH GLUES OR HOT ASPHALT WILL AUTOMATICALLY VOID THE WARRANTY.

5. FLASHING:

Install new .050 aluminium gravel stop with 2 inch raised edge.

6. MEMBRANE SECUREMENT AND PROTECTION:

The new roof will be ballasted with 2 to 3 inch stone at a rate of 10 lbs. per square foot.

This roofing system is very price competitive and comes with a real, 15 year warranty.

