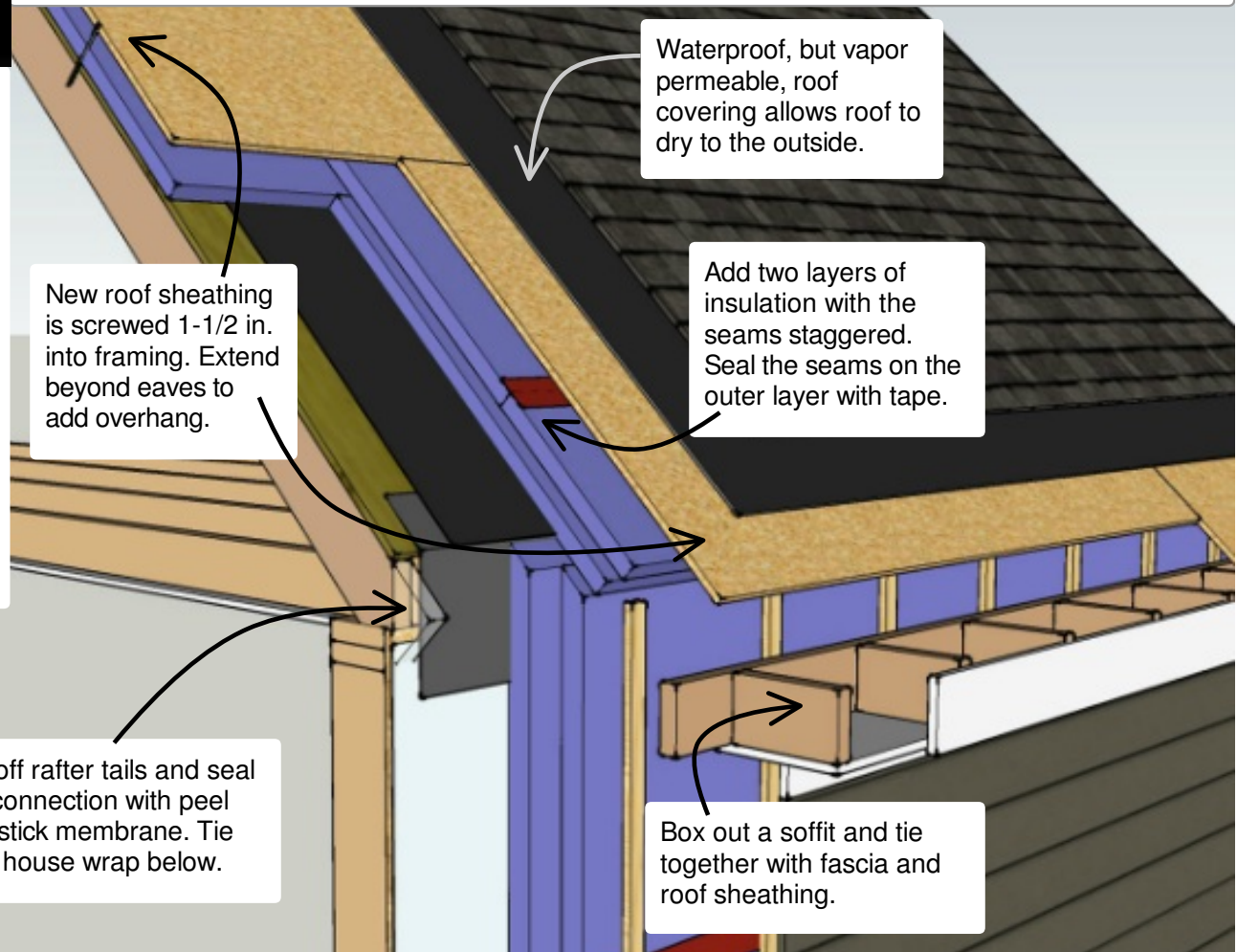


Roof and Wall Insulation Retrofit (Unvented Roof)

Wrapping an old house in a blanket of insulation is a no-brainer when you're replacing the roofing and siding anyway

Adding exterior insulation to the roof and walls of an old house can improve comfort and energy efficiency.

It especially makes sense if the rafter cavities are already insulated, and it is most affordable when the roof and siding need replacement.



Watch this detail sequence on your phone:

<http://goo.gl/BaJDA7>

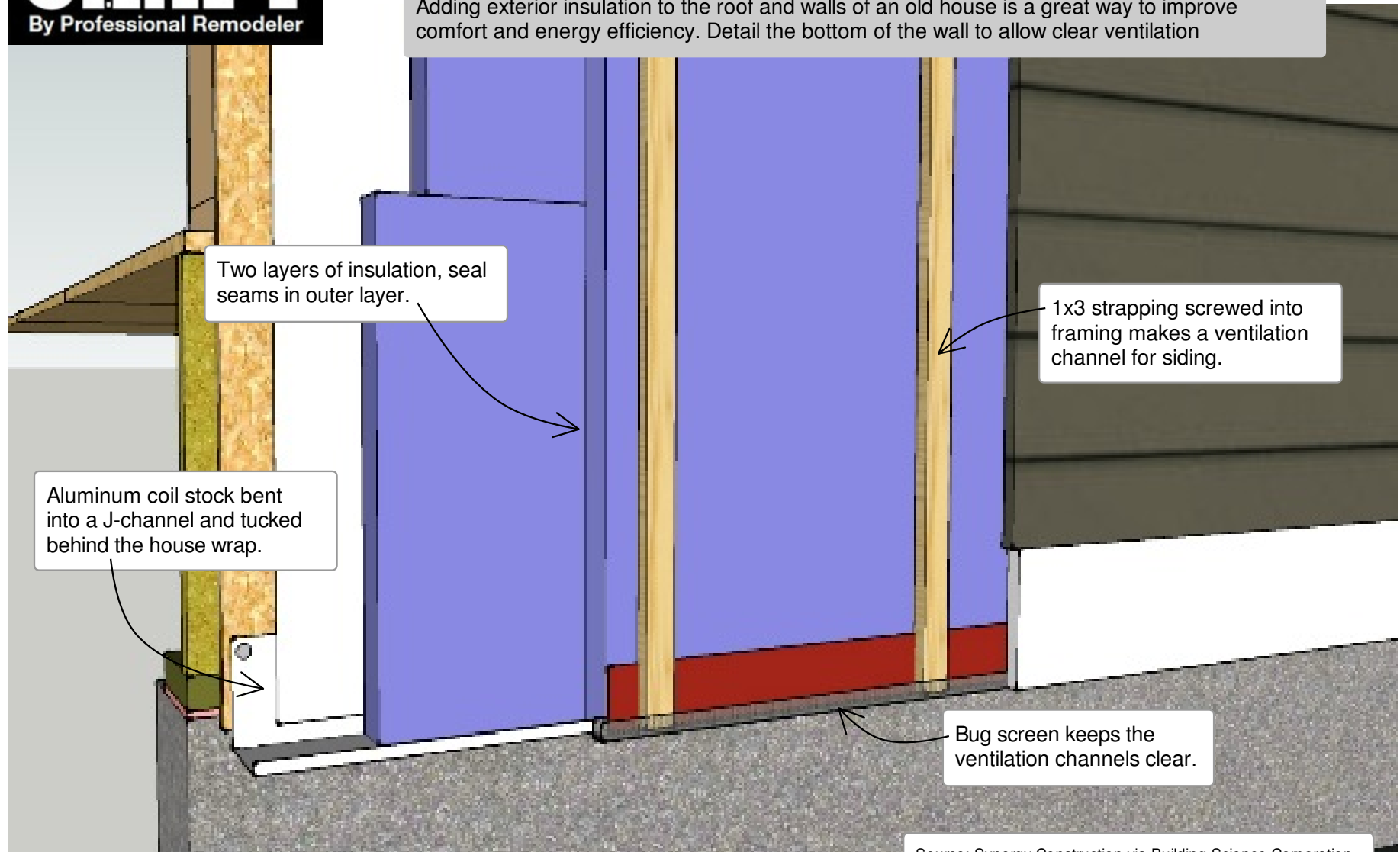
www.protradecraft.com

Source: Synergy Construction
Illustration: Daniel Morrison
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High Performance Insulation Retrofit

Adding exterior insulation to the roof and walls of an old house is a great way to improve comfort and energy efficiency. Detail the bottom of the wall to allow clear ventilation



Two layers of insulation, seal seams in outer layer.

Aluminum coil stock bent into a J-channel and tucked behind the house wrap.

1x3 strapping screwed into framing makes a ventilation channel for siding.

Bug screen keeps the ventilation channels clear.

Source: Synergy Construction via Building Science Corporation
Illustration: Daniel Morrison
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