

# Rebuilt Sill Plates



# Foundation Work





**new foundation under kitchen**



**excavating for kitchen extension**

## structural repair





**kitchen floor structure**



**structural repair master bedroom and living room**



**structural repair in master bath removing frozen sawdust**



**Kitchen ceiling joists reused as roof collar ties**



**hurricane clamps and collar ties bolted for secure structure**



**Demolishing and replacing roof deck**

Greek revival style overhang and return  
Because of structural issues the roof was replaced



# Net zero energy improvements



**double studs for depth to obtain R-52 walls**



Off set 3" around perimeter, alternating studs for reducing heat transfer



**exterior wall offset to accommodate insulation  
second floor closets**



**upstairs bathroom showing off set**



**new kitchen roof structure**

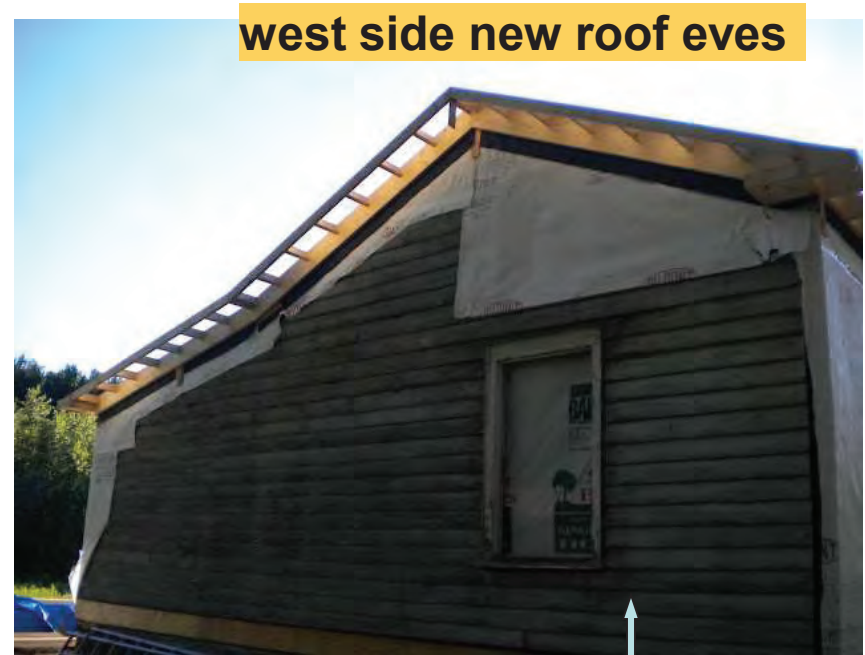




North side roof structure



roof insulation being installed  
2 layers of 2" of foam on roof



Before

After





coming together



**new metal roofing being installed over furring strips for ventilation**



**roof installation detail: ventilated roof perlins**



**Exterior walls furred out for siding ventilation**



drip edge and insect screen installed along sill



**new siding, old trim for south windows**



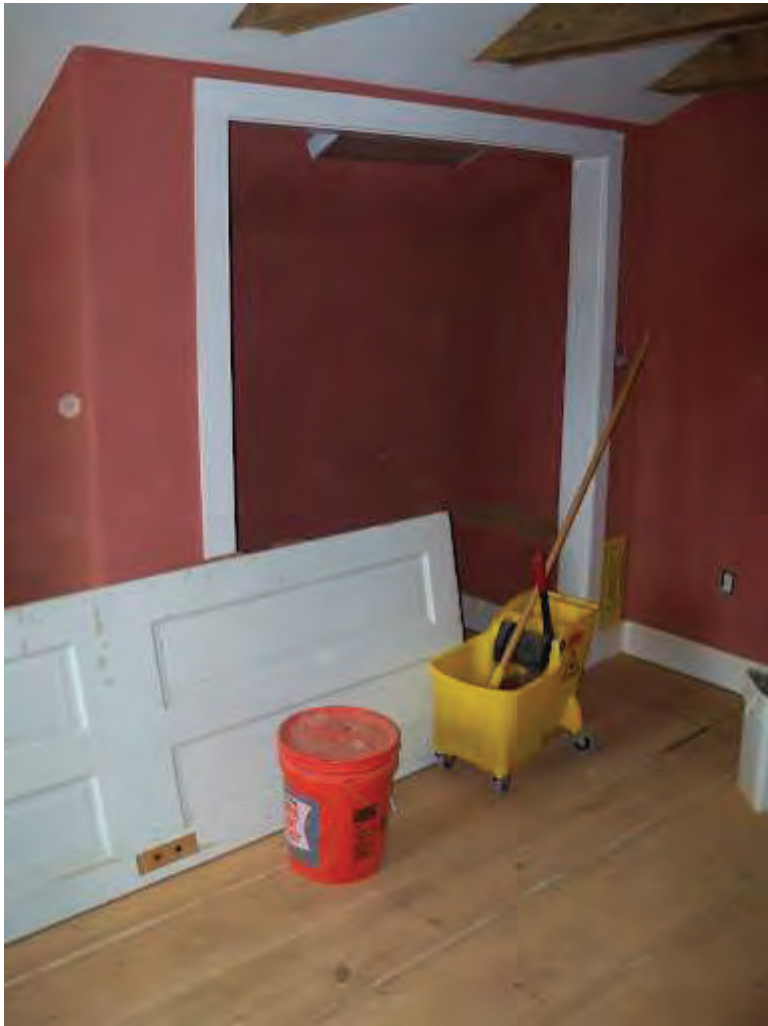
**column reproduction and painting**

**basement system envelope  
to seal moisture out of structure**





**Platton, vapor barrier over concrete to reduce water vapor into structure.  
Note circle of concrete where old interior well was.**



**upstairs floors being finished, Albany  
Historic Doors- Reuse  
American Clay walls- naturally green**



**energy star fan/lights**



**Vermont Natural Coatings, Polywhey finish**



**reusing butler pantry and wainscoting**



**reuse of old kitchen floor boards to box in collar ties**



**Rebuilt original windows, interior and exterior storms added later**