

# COVED CEILINGS at PARTITION WALL

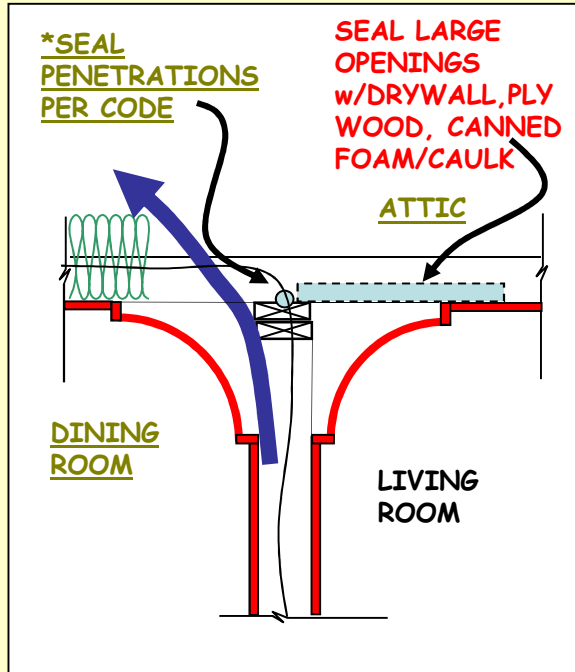


NORTHWEST  
EcoBuilding  
Guild

**Concept** – During the heating season there is a constant flow of air and moisture through hidden leaks to the attic. If you have coved ceilings in an older home, there are big openings from the wall cavities to the attic.

**Attention** – Drywall or Punch list crew following drywall – after lids but before walls; air sealing crew

**Action** – If insulating exterior walls, blow full first from attic through cove openings. Seal all cove openings at ceiling plane with blocks of plywood, wood or drywall. These materials also provide fire stop. Place between joists and seal well with caulk/foam.



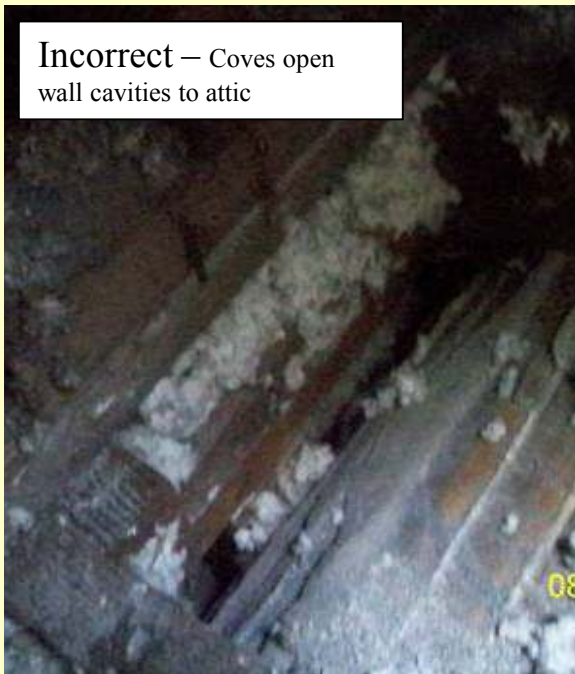
Design

Foundation

Framing

Mechanical

**Incorrect** – Coves open wall cavities to attic



**Correct**

Seal all coves at attic / ceiling plane  
Use fire stop material



Insulation / Wall

Finish

Landscape

Expert knowledge from:



- Green Certification & Consulting
- Energy Audits, Modeling, & Performance Testing
- Training and Education
- Program Management and Design

Sponsored By: