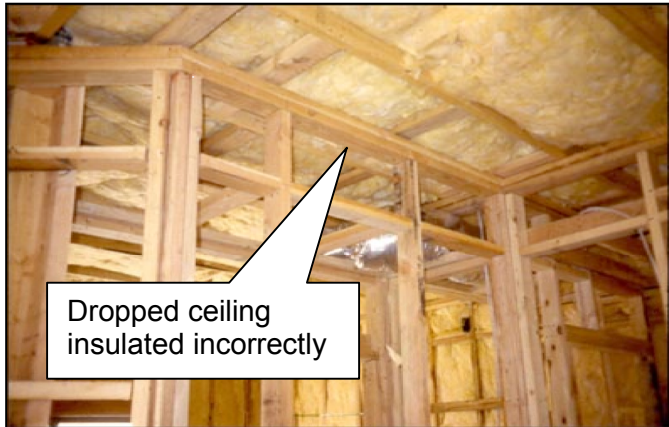
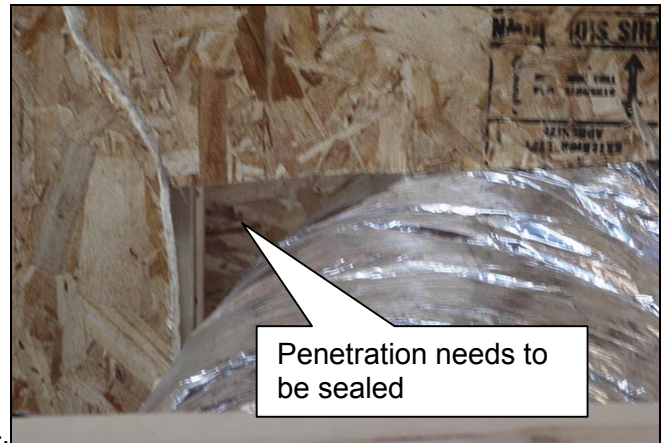
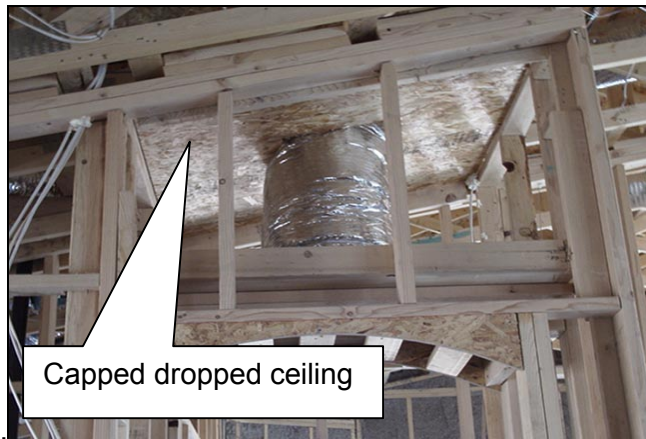


# Dropped Ceilings

Dropped ceilings like those in pictures one and two are extremely difficult to properly insulate. The proper insulation location is on the sidewalls of the drop. The small wall cavities are not the size of batted insulation. Insulating these areas will require hand cutting of most pieces of insulation. At best this is very difficult. One of the common insulating methods is shown in picture one. Picture two will be insulated in the same way as in picture one and both will have a low effective R-Value due to conditioned air moving through and around the insulation.



As shown in pictures three, five and six, it is best to cap all dropped ceilings during the framing stage with OSB, plywood, sheetrock or Thermo-ply. Insulation can be easily run across the framer-installed cap. This method assures a tighter house and insulation that performs to its capability.



Picture 4 shows where the duct in picture 3 is penetrating the dropped ceiling cap. All penetrations should be sealed with foam, caulk or mastic.

