

Success with 2009 IECC in Arkansas  
Tech Tips for Builders

# FRAMING





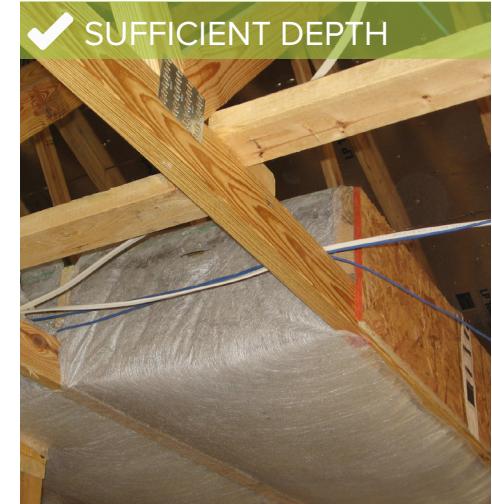
# TECH TIPS: FRAMING

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2. Frame attic to allow the full amount of required insulation under attic platforms.



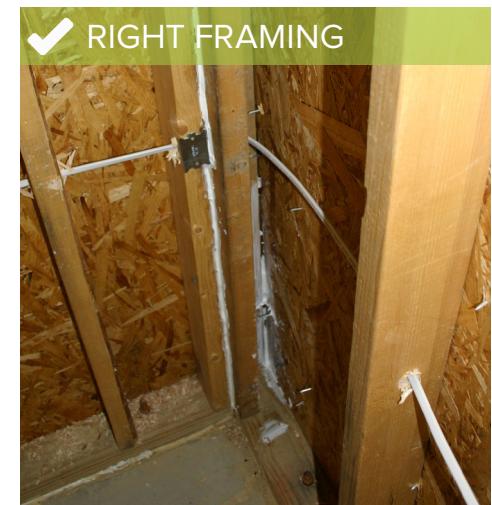
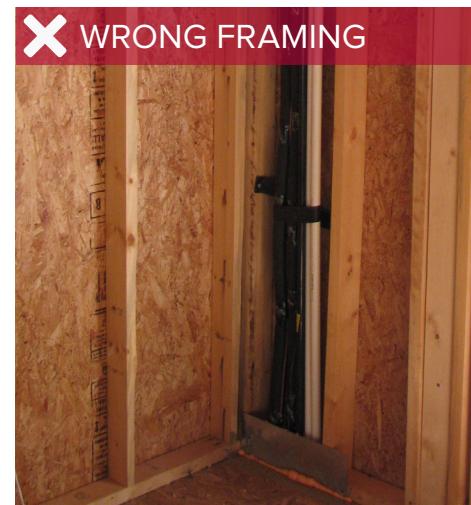
2. Frame attic to allow the full amount of required insulation under attic platforms.



3. Frame corners and headers to allow for insulation installation.



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3. Frame corners and headers to allow for insulation installation.

## ✗ WRONG FRAMING



## ✓ RIGHT FRAMING

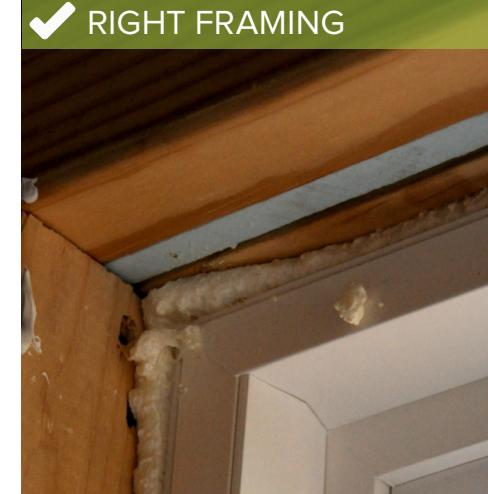


3. Frame corners and headers to allow for insulation installation.

## ✗ WRONG FRAMING



## ✓ RIGHT FRAMING



4. For walls separating conditioned and unconditioned space, install framing that allows for the required R-value, has a top plate, bottom plate and an exterior air barrier. RECOMMENDED: rigid air barrier.

## ✗ NO PLATES

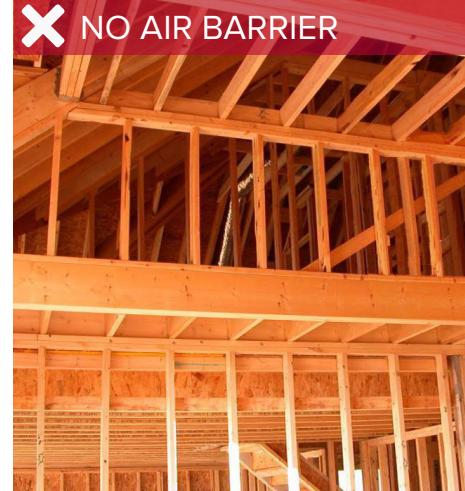


## ✓ TOP & BOTTOM PLATES

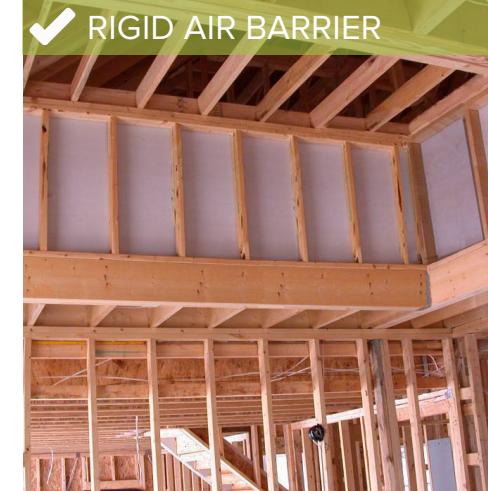


4. For walls separating conditioned and unconditioned space, install framing that allows for the required R-value, has a top plate, bottom plate and an exterior air barrier. RECOMMENDED: rigid air barrier.

## ✗ NO AIR BARRIER



## ✓ RIGID AIR BARRIER





# TECH TIPS: FRAMING

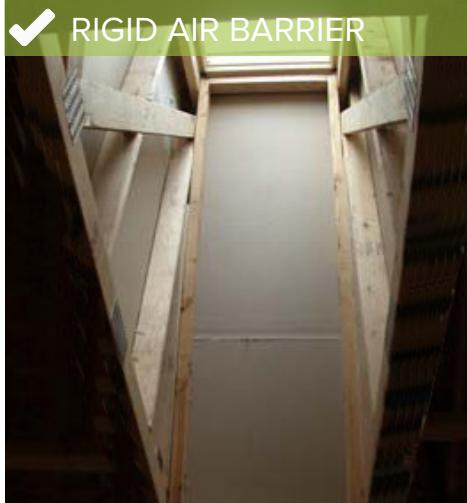
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4. For walls separating conditioned and unconditioned space, install framing that allows for the required R-value, has a top plate, bottom plate and an exterior air barrier. RECOMMENDED: rigid air barrier.

## NO RIGID AIR BARRIER



## RIGID AIR BARRIER



5. For walls that will not have an interior finish and are separating conditioned and unconditioned spaces, insulate wall cavities and install an interior air barrier. RECOMMENDED: rigid air barrier.

## NO AIR BARRIER

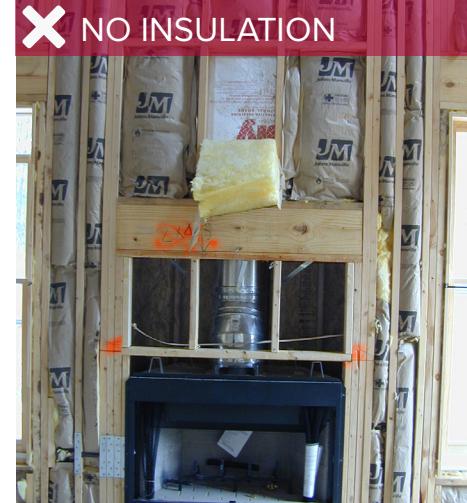


## AIR BARRIER

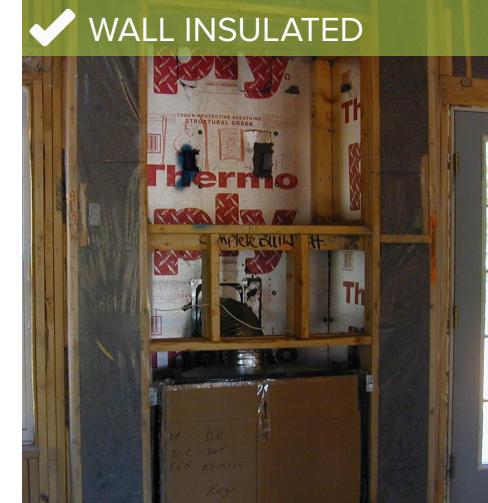


5. For walls that will not have an interior finish and are separating conditioned and unconditioned spaces, insulate wall cavities and install an interior air barrier. RECOMMENDED: rigid air barrier.

## NO INSULATION



## WALL INSULATED



5. For walls that will not have an interior finish and are separating conditioned and unconditioned spaces, insulate wall cavities and install an interior air barrier. RECOMMENDED: rigid air barrier.

## NO AIR BARRIER



## AIR BARRIER

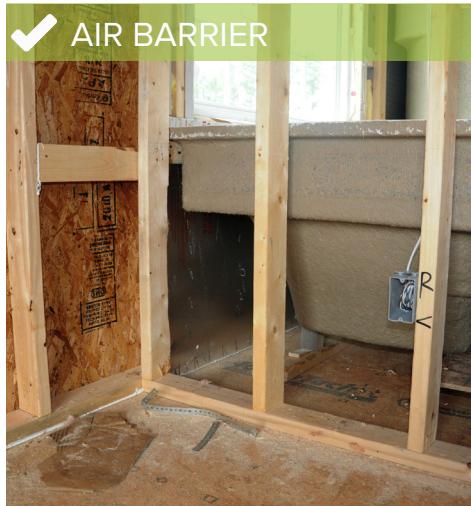




# TECH TIPS: FRAMING

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- 5.** For walls that will not have an interior finish and are separating conditioned and unconditioned spaces, insulate wall cavities and install an interior air barrier. RECOMMENDED: rigid air barrier.



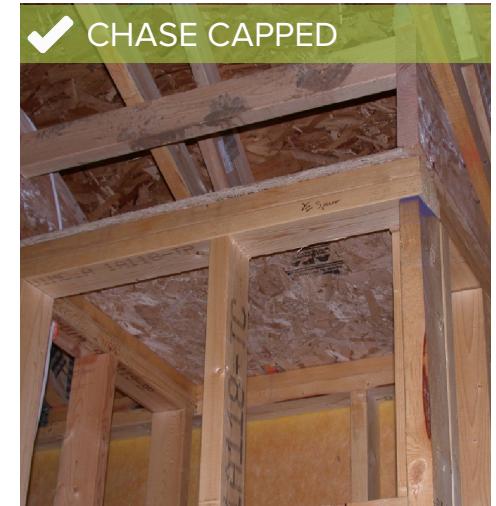
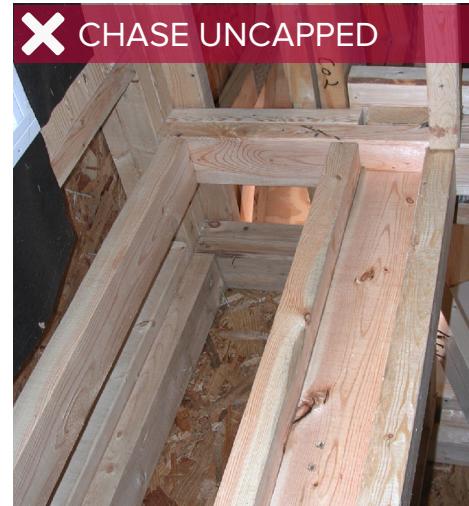
- 6.** Cap all dropped ceilings/soffits, shafts and chases with an air barrier and air seal. RECOMMENDED: rigid air barrier.



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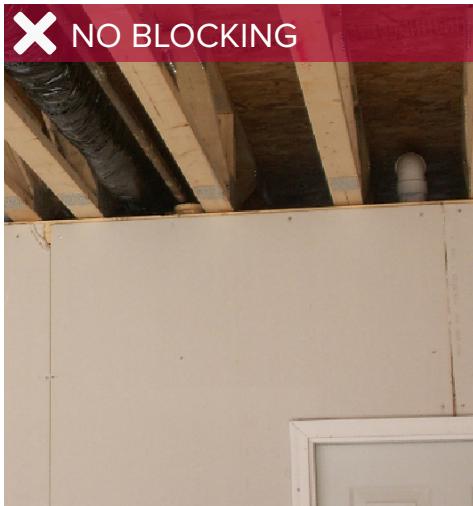




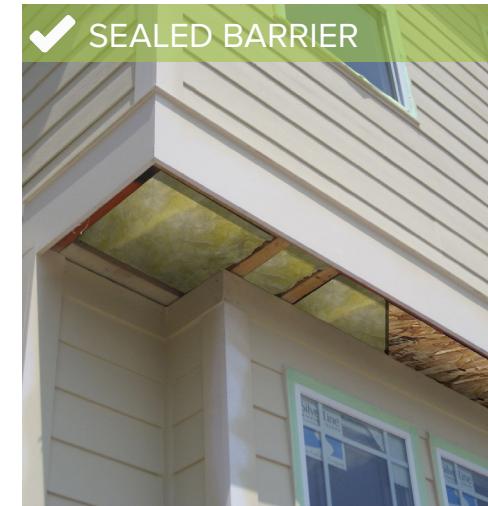
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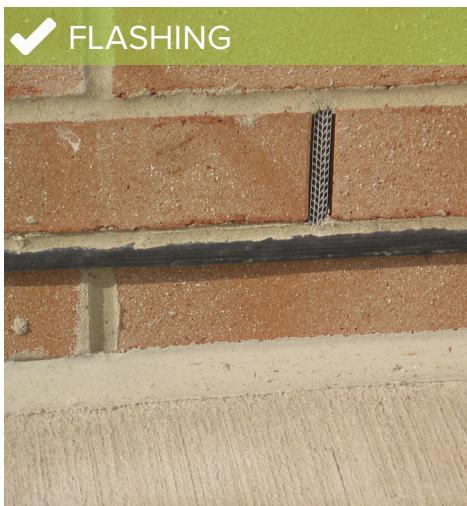
7. For all floor systems within the conditioned envelope, install a band or blocking separating conditioned and unconditioned space.



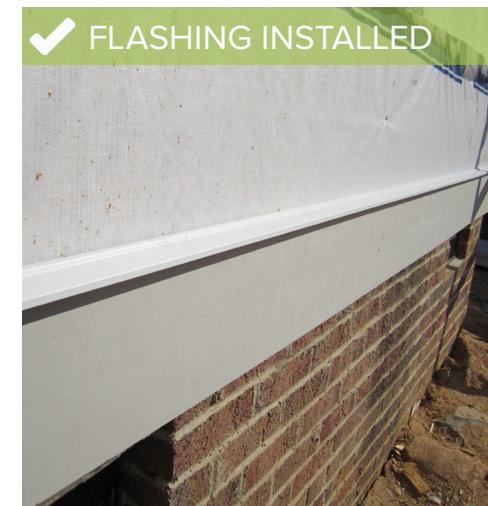
8. For cantilever floors, frame to allow for full amount of required insulation and encapsulate with an exterior rigid air barrier and air sealing.



9. Install flashing at the bottom of all exterior walls and at roof-wall connections.



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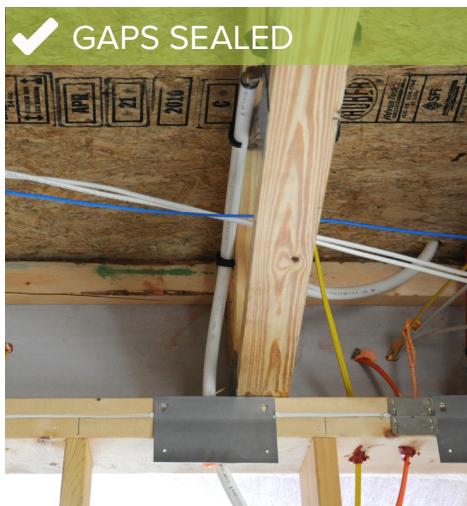
9. Install flashing at the bottom of all exterior walls and at roof-wall connections.



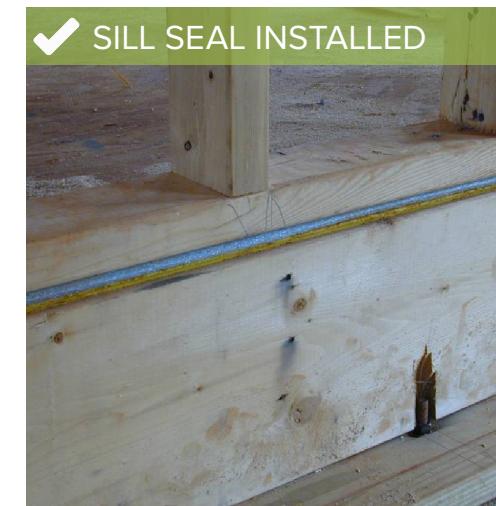
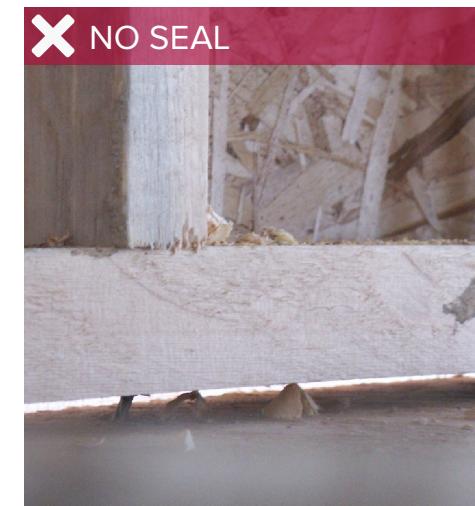
10. Install an overlapped drainage plane on all exterior walls (i.e., building wrap).



11. Air seal all gaps and voids between conditioned and unconditioned spaces.



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11. Air seal all gaps and voids between conditioned and unconditioned spaces.



✗ NO SEAL



✓ CAULK INSTALLED