



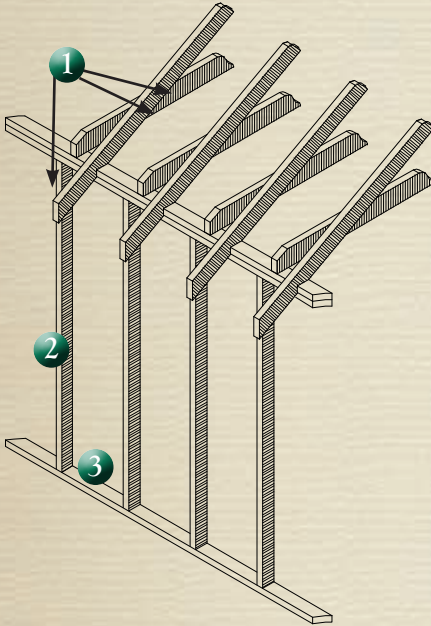
# Green is Good

## Advanced Framing in Charlotte

“Advanced Framing, as the name implies, is the intelligent use of lumber in wood framing. This unique application saves on lumber, supports better insulation and reduces the occurrence of drywall cracking – giving you a stronger, more energy-efficient home.”

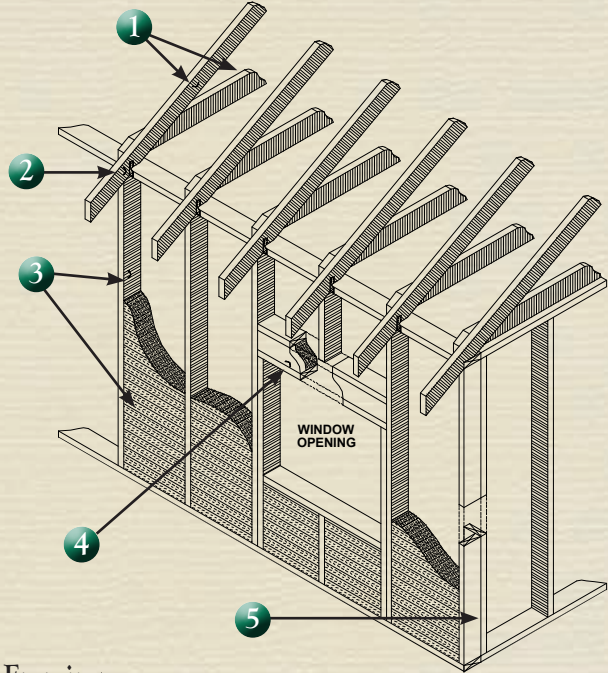
- Joseph Lstiburek, Ph.D., P. Eng., Building Science, Inc.

### Other Builder's Typical Framing



- 1. Old-fashioned Engineering Framing**  
Framing members do not align, resulting in uneven load or weight distribution.
- 2. 2x4 Wall Framing**  
Customary framing offers less space for insulation.
- 3. Wall Insulation**  
4" insulation cavity only allows for maximum of R-13 rated wall insulation.

### Advanced Framing



- 1. Stacked Framing**  
The components of the frame align on top of each other which efficiently transfers the load or weight down to the foundation, increasing the home's strength.
- 2. Drywall Clips**  
Used throughout the frame of the home to improve stability and minimize drywall cracking.
- 3. Durable 2x6 Wall Framing/Increased Wall Insulation**  
The thickness of the wall is increased by 50%, enabling us to add almost 50% more insulation to improve the home's energy efficiency. In addition, it also decreases the sound that comes through your wall: thicker insulation = a quieter home.
- 4. Enhanced Window Header**  
The “C-shaped” headers on exterior walls allow us to install insulation in areas that we've never been able to insulate before, which makes the home tighter and can lower utility costs.
- 5. Innovative 2-stud Cornering**  
Allows for insulating corners not found in standard framing.

**David Weekley Homes**  
*EnergySaver*

