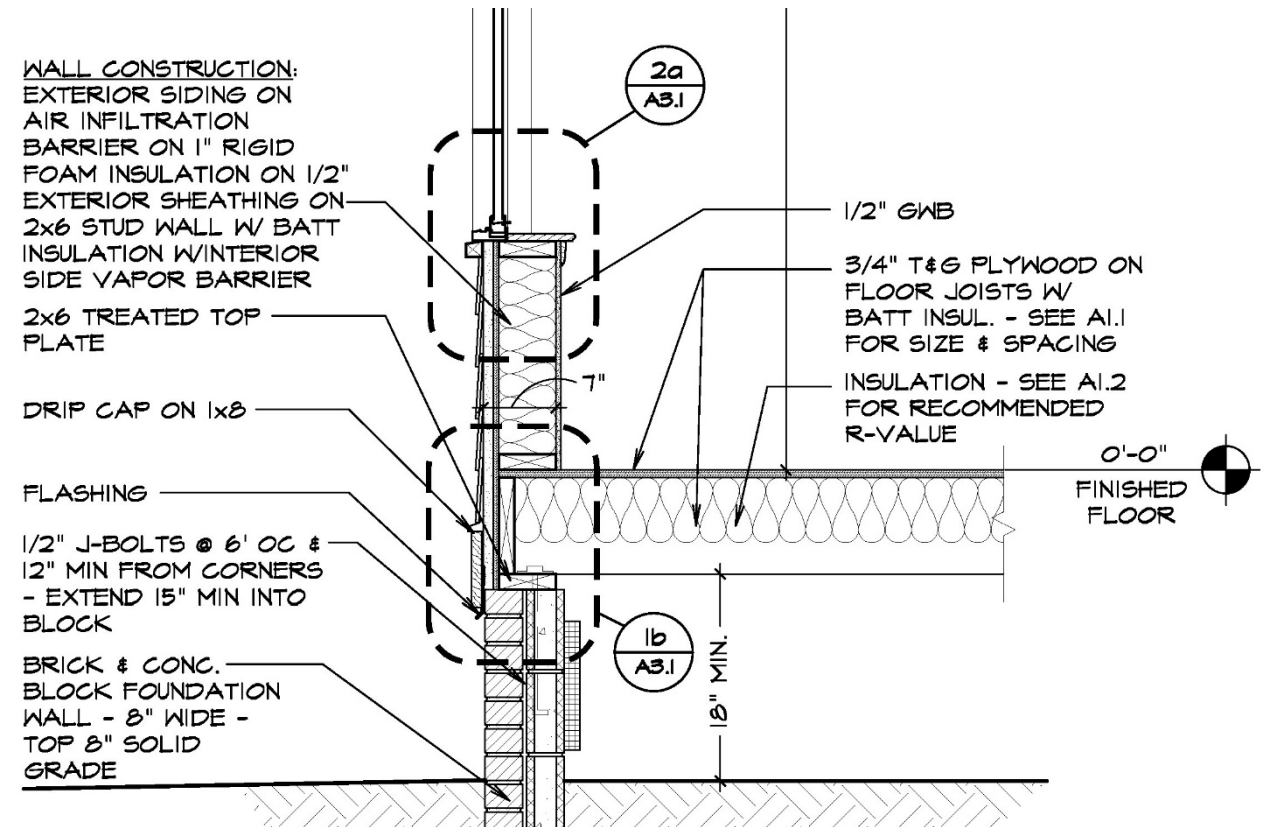


# Energy Code Conference

Rebecca Morris, RA  
TightLines Designs

# Example #1

- Continuous insulation: great!
- Problem: siding needs to attach to structure (1.5" penetration), which is BEHIND continuous insulation
- Problem: penetrating rigid insulation & the air/water barrier
- Side effects: cost of hardware & potential nail sagging due to longer nails or screws
- Is this really addressed in the code?



TightLines Designs, Inc.

# Example #1 con't



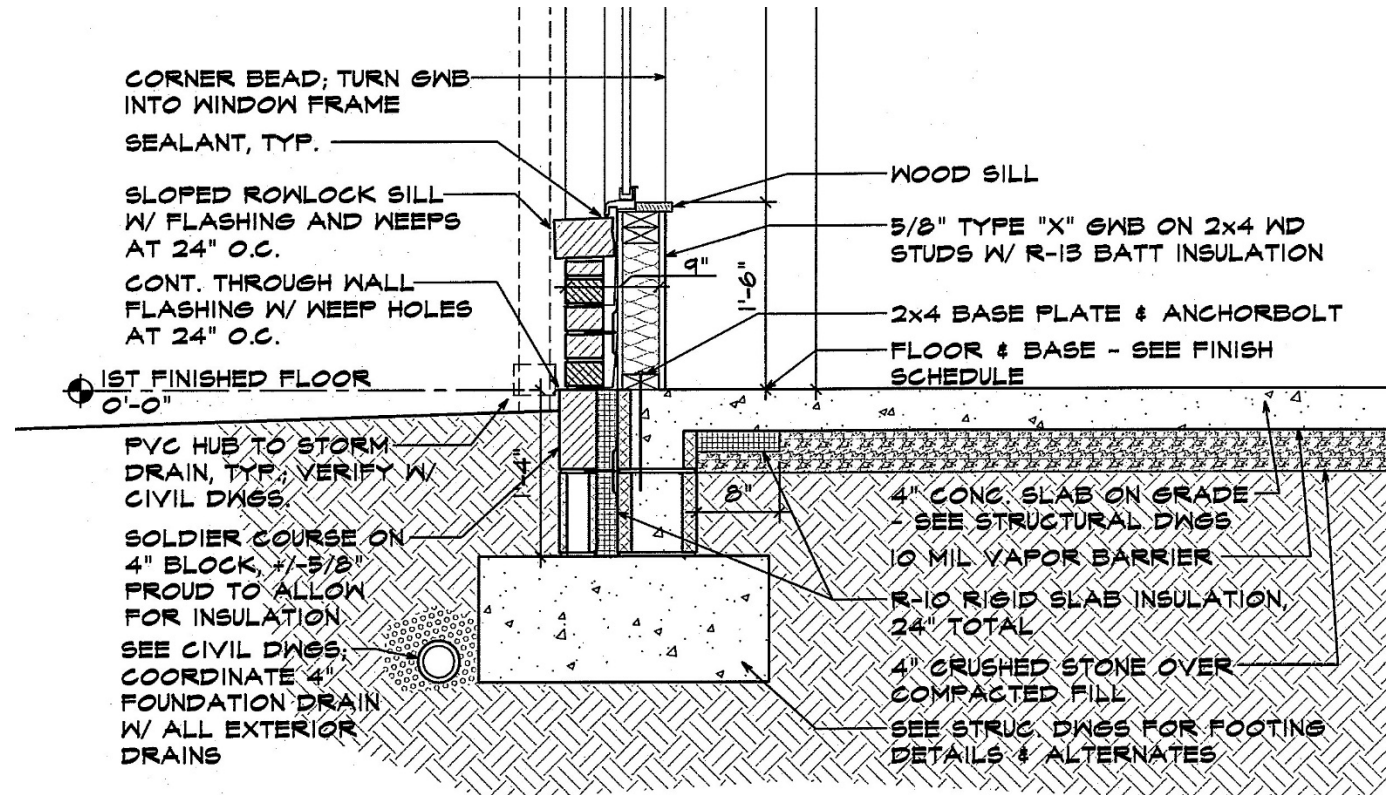
Habitat for Humanity, Catawba Valley



Knight Wall Systems

## Example #2

- Required: 24" continuous R-10 insulation at concrete slab foundation
- Problem: "continuous?"
- Problem: stepping out block, is this the best detail?





## Example #2, con't

- 502.2.6 Slabs on grade. The minimum thermal resistance (R-value) of the insulation around the perimeter of unheated or heated slab-on-grade floors shall be as specified in Table 502.2(1). The insulation shall be placed on the outside of the foundation or on the inside of a foundation wall. The insulation shall extend downward from the top of the slab for a minimum distance as shown in the table or to the top of the footing, whichever is less, or downward to at least the bottom of the slab and then horizontally to the interior or exterior for the total distance shown in the table.

