

# Office of Building Department

## Town of Southington, Connecticut



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### **REQUIREMENTS FOR SUBMITTING CONSTRUCTION DOCUMENTS FOR NEW HOMES AND ADDITIONS 2016 Connecticut State Building Code**

Applicant must submit two complete construction plans with the following information:

- All braced wall lines identified on construction documents in accordance with the 2012 IRC section R106.1.1 and R602.10.1.
- Show location of braced wall panels within braced wall line, with complete wall bracing schedule
- Show all wall bracing types (CS-WSP, CS-G, CS-PF, CS-SFB, GB or other types).
- Show all 800 lb. anchor locations.
- Engineering of any wall height greater than 12 feet (in a single story in which a braced wall panel would fall).
- All engineered lumber specifications as required.
- 2012 IECC res-check or prescriptive insulation requirements.
- T.J.I. truss drawing, if applicable.
- Roof truss drawing, if applicable.
- Location of all egress windows.
- Location of tempered, safety glass.
- Foundation cut showing location of horizontal rebar.
- Location of foundation vertical bars, if required.
- Garage separation requirements.
- Slab vapor barrier.
- Ice protection.

**Lack of these required items will result in the rejection of plans until resubmitted and items are reviewed and found in compliance.**

February 2018

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### 2012 IRC WALL BRACING REQUIREMENTS OVERVIEW

**Based on Section R602.10.4 Continuous sheathing 100 mph wind zone.**

- Best method - Supply wall bracing at corner and location described by the Code.
- Plans must show location of all braced wall lines and braced wall panels.
- Portal frames are allowed R602.10.6.4 framing anchors required.
- Wall bracing not supplied at corner locations will require 800 lb. hold downs. R602.10.7
- 2' foot return not supplied at corner locations will require 800 lb. hold downs. R602.10.7
- Blocking required at rafters above braced wall panels. R602.10.8.2
- Tall walls require special consideration. Likely it will require Engineering.
- Approved framing connectors require from top of wall to foundation. R602.10.1.2.1

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