

Office of Building Department

Town of Southington, Connecticut

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196 North Main Street
Southington, CT 06489

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Requirements for submitting construction documents for new homes and additions. 2013 amendment to the 2005 Connecticut supplement.

Applicant must submit two complete construction plans with the following minimum information.

- All braced wall lines identified on construction documents in accordance with the 2009 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.
- 2009 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.

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2009 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. R602.10.4.1.1 framing anchors required.

Wall bracing not supplied at corner locations will require 800lb hold downs. R602.10.4.4

2' foot return not supplied at corner locations will require 800lb hold downs. R602.10.4.4

Panel joint blocking required at wall braced section. R602.10.8 Exception unless twice the amount of wall bracing is supplied. (Must be shown on plans)

Blocking required at rafters above braced wall panels R602.10.6.2

Tall walls require special consideration. Likely will require engineering.

Approved framing connectors require from top of wall to foundation. R602.10.1.2.1