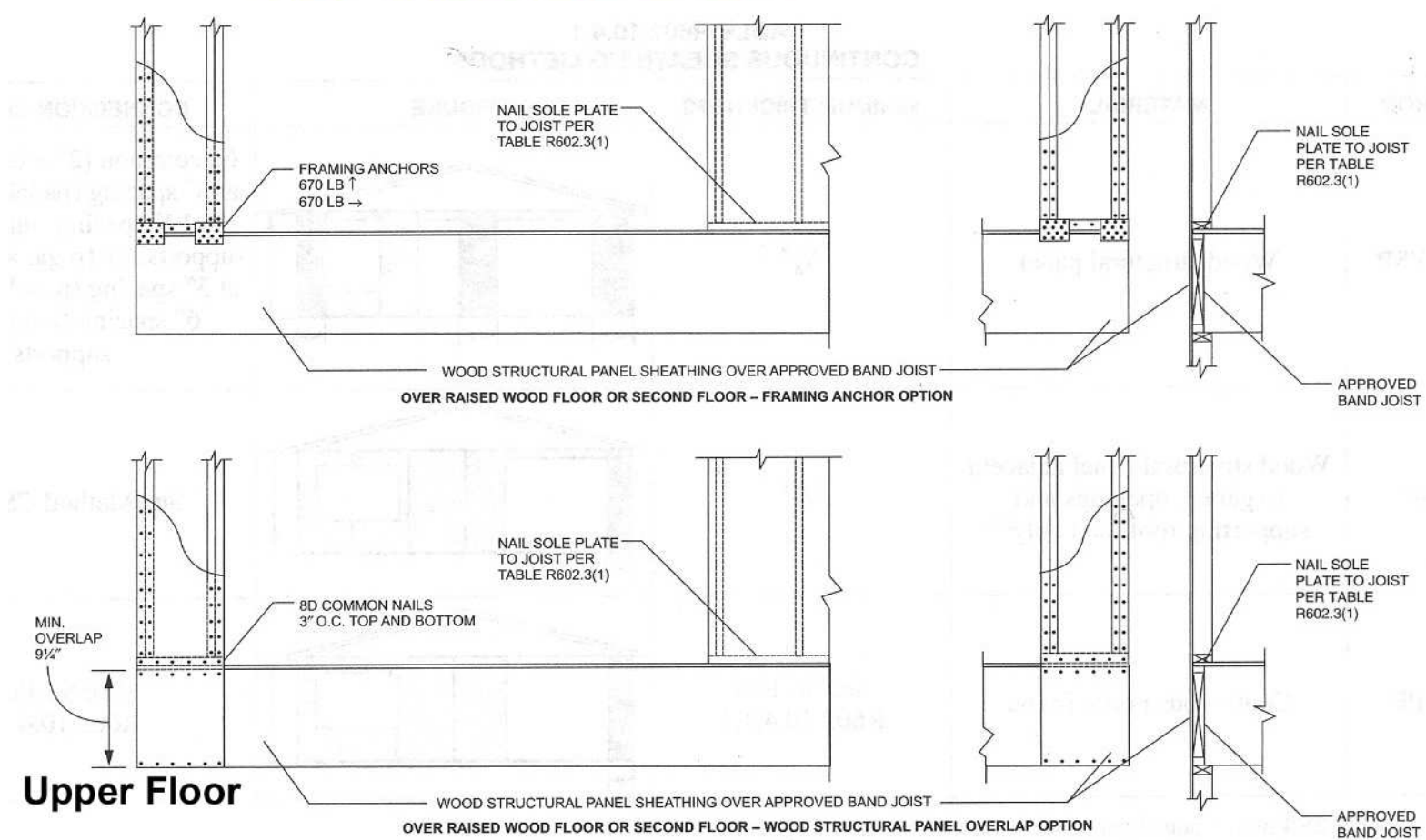


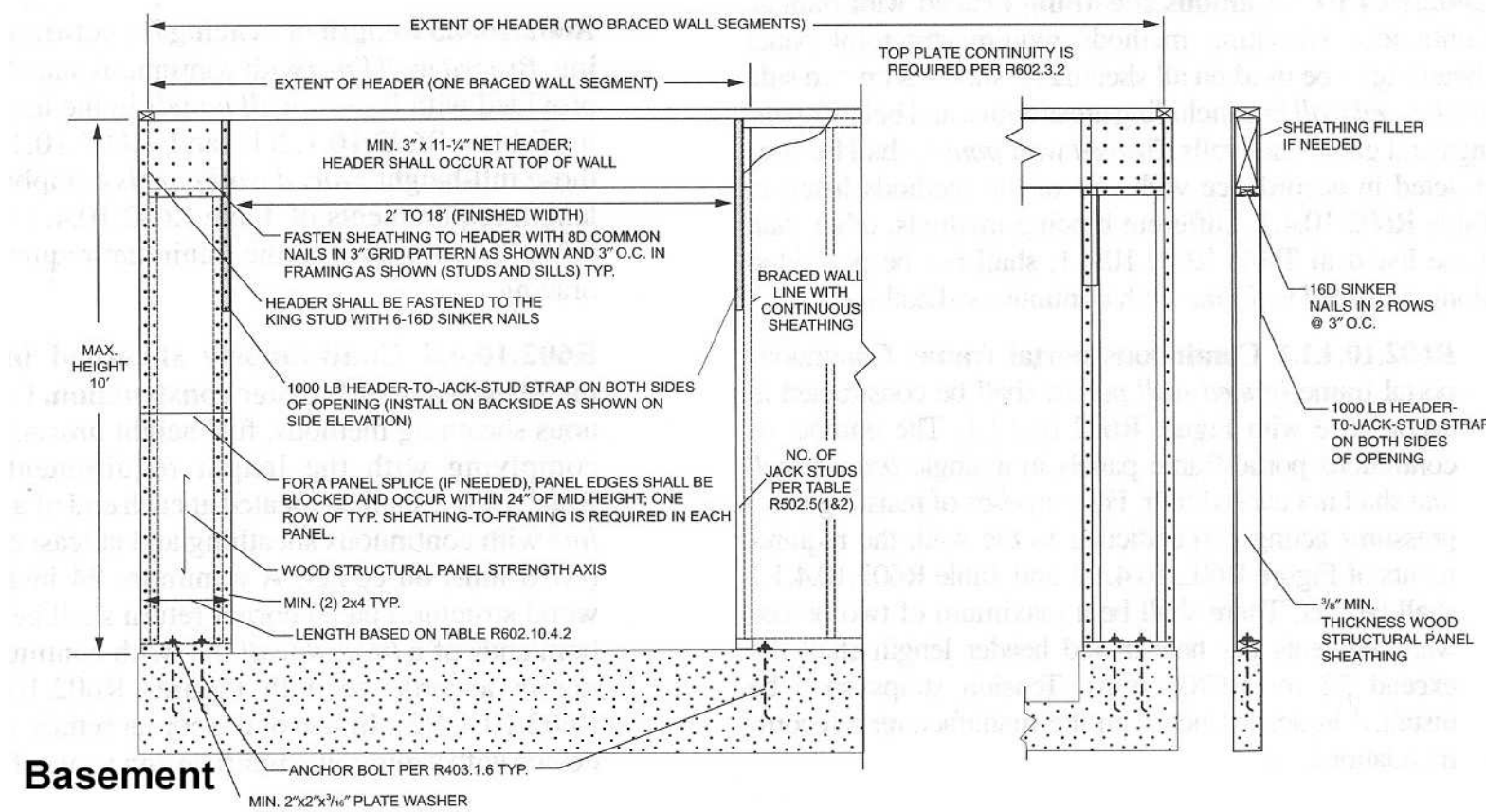
for construction only at:  
**Lot 1 Morning Star Avenue, Portland, ME**  
 by or for **Patco Construction, Inc.**

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound force = 4.448 N.

**FIGURE R602.10.3.4**  
**METHOD PFG PORTAL FRAME AT GARAGE DOOR OPENINGS IN SEISMIC DESIGN CATEGORIES A, B AND C**



**Upper Floor**



**Basement**

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound force = 4.448 N.

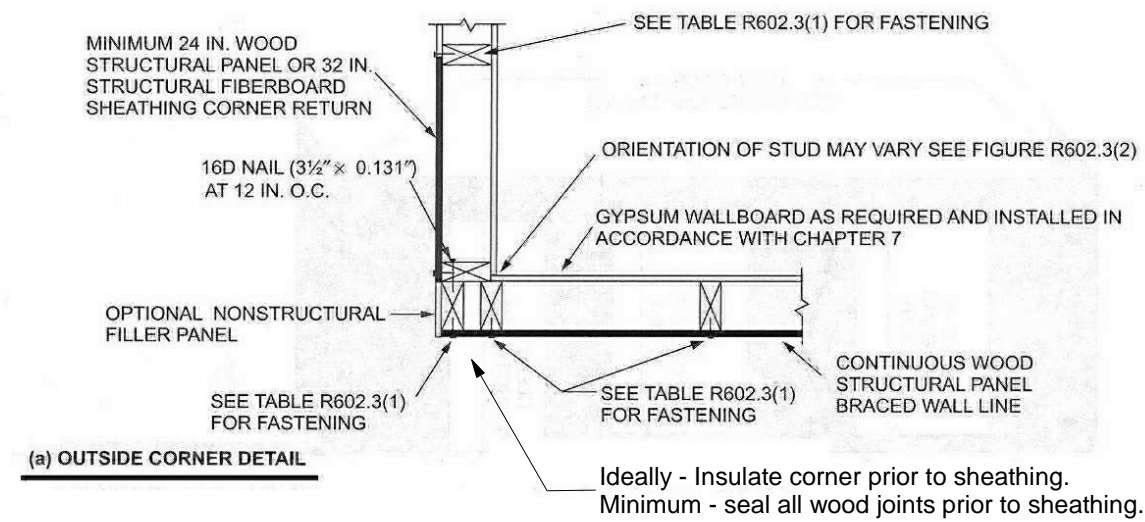
**FIGURE R602.10.4.1.1**  
**METHOD CS-PF: CONTINUOUS PORTAL FRAME PANEL CONSTRUCTION**

## Shear Wall Details

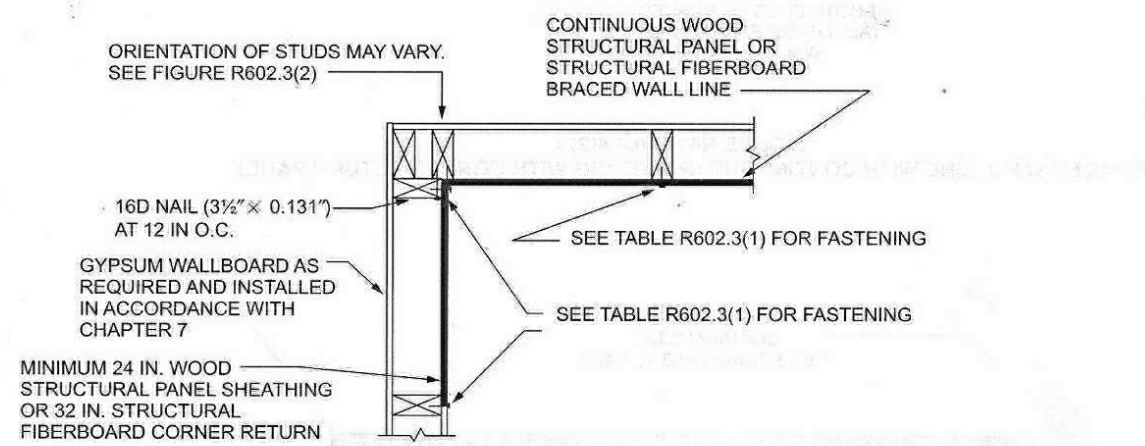
Not to Scale

Notes:

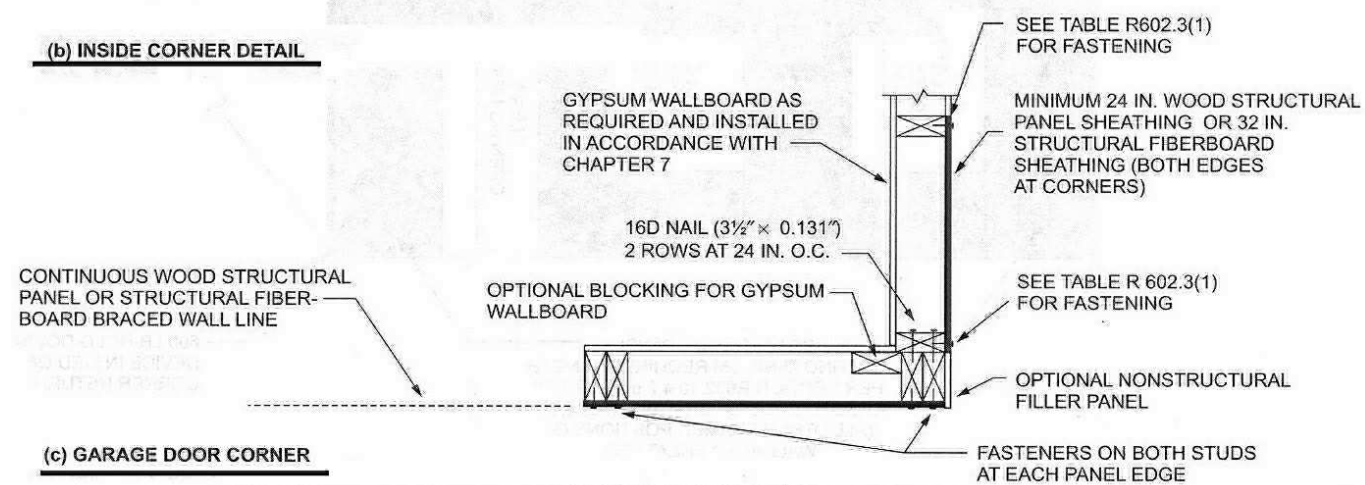
- See plans for locations where shear panels are required.
- Details shown here are for one method and for typical conditions. An alternate shear method allowed per code or approved by the code officer may be substituted.
- If the method at left is used at Garages where width of panel is 20" or more, wall height may be 10 ft as shown in detail at left. Where panel width is 18"-20", wall height may be 9 ft. Where panel is 16"-18", wall height may be 8 ft. Where panel is less, consult architect for additional design.
- If the method at left is used, increase foundation wall height at front and for 2 ft along wall returns as required to meet maximum wood stud wall heights, and extend sheathing and siding in front of wall to achieve desired aesthetics. Untreated wood may not be in direct contact with concrete - use treated wood or provide a barrier, such as a rubber membrane or felt paper.
- Note that if sheathing is to be used as wall bracing all vertical joints in required braced wall panels must be blocked. [2009 IRC section R602.1.8]



**(a) OUTSIDE CORNER DETAIL**



**(b) INSIDE CORNER DETAIL**



**FIGURE R602.10.4.4(1)**  
**TYPICAL EXTERIOR CORNER FRAMING FOR CONTINUOUS SHEATHING**  
 2009 INTERNATIONAL RESIDENTIAL CODE®

Your use of these drawings constitutes an acceptance of responsibility as outlined in "Dear Code Officer" on the first page of these drawings, and on our web site: <http://www.artformhomeplans.com/TermsConditions.a5w>

If you have any concerns or questions, please feel free to contact us. We are happy to clarify matters that fall within our scope, as listed on the first page. We can also often provide affordable support for issues that are your responsibility, such as energy design/calcs, or additional detailing.

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**April Calla, Classic**  
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