

GEB3-HWH: Gable End Bracing Compliance Form

TO BE COMPLETED AND SIGNED BY A LICENSED BUILDING CONTRACTOR, REGISTERED ARCHITECT, PROFESSIONAL ENGINEER OR A BUILDING CODE OFFICIAL.

PROPERTY INFORMATION

Homeowner's name:

Property address:

State:

ZIP Code:

City:

County:

FORTIFIED ID:

(OBTAIN FROM HOMEOWNER OR FORTIFIED EVALUATOR)

GABLE END BRACING DOCUMENTATION REQUIREMENTS

Complete documentation of gable end wall bracing installation for each gable end wall that is greater than 4 ft. tall must be submitted and meet all compliance requirements upon review. This Form provides the information required to document gable end bracing.

1. Gable End Framing Methods

- Check here if gable end walls are wood or light gage steel and are balloon framed. Balloon framed walls are continuous from the floor/foundation to the roof deck. Photos are required that verify this condition for each gable end.
- Check here if gable end walls are constructed using reinforced masonry or reinforced concrete and are continuous from the foundation to the roof deck. Photos are required that illustrate this condition for each gable end.
- Check here if gable ends walls are platform framed gable ends. Platform framed gable ends are NOT continuous from the floor/foundation to the roof deck; have triangular shaped gable end walls that form the roof and sit on top of the wall that is framed to ceiling height.

Three Prescriptive Methods of Gable End Bracing Installation for Platform Framed Gable Ends

A contractor/builder can install continuous 2- x 4-in. lateral bracing at the ceiling from the gable end truss to the opposite end of the attic at 6 ft. on center. Each lateral brace must have a minimum 20 gauge metal strap connected to the lateral brace that also wraps over the bottom chord of the gable end wall plate/truss, and for wood frame wall construction below, over the top plate of wall below and is connected to a stud in wall below. See the Detailed Requirements for Gable End Bracing in the FORTIFIED Home™ High Wind or High Wind & Hail Standards.

- Check here if this is the gable end bracing method that was used.

A contractor/builder can find alternative guidance for gable end bracing details in the Wood Frame Construction Manual, 110 mph Exposure B, GUIDE TO WOOD CONSTRUCTION IN HIGH WIND AREAS FOR ONE- AND TWO-FAMILY DWELLINGS (WFCM) <http://www.awc.org/pdf/codes-standards/publications/wfcm/AWC-WFCM2001-HWG110B-0610.pdf>

- Check here if this is the method of gable end bracing that was used.

A contractor/builder can use the Gable End Bracing Retrofit Guide developed by IBHS. This guide can be found in Appendix A of the High Wind and the High Wind & Hail Standards.

- Check here if this is the gable end bracing method that was used.

2. Gable End Framing Connections

Connections at the top of gable end

- Check here if the roof overhang at the gable end wall is 12" or less and the roof sheathing is attached directly to the roof framing with 8d ring shank nails at 6" on center or less.
- Check here if the roof overhang at the gable end wall is less than 24" and the outlooker framing supporting the overhang is attached to the gable/roof framing below with a metal uplift connector. Provide photos of the connection.
- Check here if neither of the conditions above apply. Describe the installed condition below and provide photos of the connection.

Bracing and bracing connection to the wall at the ceiling level (bottom of gable/ top of the wall)

- Check here if the gable end is balloon framed or reinforced concrete
- Check here if the gable end is braced by a 2x4 x8 ft. continuous lateral brace installed at the ceiling level at no more than 6 ft. on center with a 20 gauge steel strap connected to the lateral brace that also wraps over the gable end and is attached to a stud in the wall below. Provide photos that show the bracing and connection.
- Check here if the gable end is not braced as described above. Describe the typical brace, brace spacing, and connection of the brace to the wall below at the ceiling level and provide photos that verify that the bracing and the connection to the wall has been installed in accordance with the description.

Connection of gable end above to the top of the wall below

- Check here if the wall is balloon framed or reinforced concrete
- Check here if continuous sheathing (minimum 4 ft.) spans across and connects the gable end above to the wall below. Provide photos.
- Check here if the gable end above is connected to the wall below with metal connectors at no more than 8 ft. on center. Provide photos of the connectors.

IMPORTANT NOTE: the quality, quantity, and location of the photos provided to verify that the gable end bracing has been installed must have sufficient detail to allow a reviewer to correlate the details of the prescriptive methods above with the actual field conditions.

GEB3-HWH CERTIFICATION

I hereby certify that I am a Licensed Building Contractor, Registered Architect or an Engineer in the State of _____ or a Building Code Official (who is duly authorized by the State of _____ or its county's municipalities, to verify building code compliance). In my professional opinion, based on my knowledge, information and belief, I certify that, as of the date shown below, all information listed above is accurate for the home located at:

Address:

City:

State:

Furthermore, I understand that any person who makes a false statement or misrepresentation, and any other person knowingly, with an intent to injure, defraud, or deceive, who assists, abets, solicits, or conspires with such person to make a false statement or misrepresentation may be subject to both criminal and/or civil penalties.

By completion of this Affidavit, the undersigned does not make a health or safety certification.

Signature:

Date:

Printed Name:

Company:

Phone number:

Address:

City:

State:

License Number or Registration Number:

Note: Completion of this form in its entirety does not, by itself, satisfy FORTIFIED requirements for attached structure anchorage. Additional information presented by the FORTIFIED Evaluator will also be considered in determining if FORTIFIED attached structure anchorage requirements have been satisfied.