LARIMER COUNTY | COMMUNITY DEVELOPMENT

P.O. Box 1190, Fort Collins, Colorado 80522-1190, Planning (970) 498-7683 Building (970) 498-7700, Larimer.org

Larimer County Building Division
High Wind Exterior Roof & Wall Sheathing Certification Form

This form must be signed by the contractor or owner doing the work and given to the building inspector at the time of the framing inspection.

Contractor/Owner Company Name and Address: _____

_____

Building Permit Number: _____ Date Issued: _____

Job Address: _____

High Wind Area Requirements:

Roof fasteners spacing used on wood structural panel roof sheathing in **high wind areas** (140 mph or greater) Ultimate Design Wind Speed for the project (answer Y/N):

___8d common* (2 ½" x0.131) nails shall be used for attaching wood structural panel roof sheathing to framing and shall be spaced 4" on center maximum within minimum 48-inch distance from gable end walls and ridge.

___8d common* nails for attaching panel roof sheathing to intermediate supports shall be spaced 6" on center maximum in the field and 4" on center maximum at edges.

OR___Per engineer's requirements (include engineer's requirements with Certification Form)

Exterior wall wood structural panel sheathing complies as listed below (answer Y/N):

___Panels are minimum 7/16" thickness

___Panels attached with 8d common* nails at 4"o.c.maximum at panel edges and 6" o.c. maximum in the field.

___Engineered Shear Panels attached as specified on engineer's plan (include with Certification Form)

___Exterior sheathing is continuous from the bottom plate to the upper top plate

___All exterior sheathing panel edges occur over framing members or blocking

___Approved narrow wall (16" to 24") bracing used, such as APA Portal Frame

OR___Per engineer's requirements (include engineer's requirements with Certification)

Roof sheathing is solid wood structural panel sheathing complying with selected items below (answer Y/N):

___ Sheathing is installed on trusses or rafters spaced at 24" O.C. maximum

___7/16" minimum thickness in an area with Ultimate Design Wind Speed less than 140 mph

___15/32" minimum thickness in an area with Ultimate Design Wind Speed less than 150 mph

___19/32" minimum thickness in an area with Ultimate Design Wind Speed less than 180 mph

OR___Per engineer's requirements (include engineer's requirements with Certification Form)

*8d deformed nails (2 ½" x .120) may be substituted for 8d common (2 ½" x .131) with no change to spacing

Certification:

I hereby certify the information above is accurate and conforms to the 2018 International Residential Code requirements in Larimer County:

Print Name of Contractor/Owner: _____

Signature of Contractor/Owner: _____

Date: _____