

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 1/2" 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 1/2" x .120) may be substituted for 8d common (2 1/2" x .131) with no change to spacing

Certification:

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

Print Name of Contractor/Owner: _____

Signature of Contractor/Owner: _____

Date: _____