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” x 0.131) 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 Form)

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: ______________________