



CITY OF MIDDLETON

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BUILDING OFFICIAL DETERMINATION (BOD#5)

Roof Tie-Down

Issue: Roof Tie-Down Requirements

Rule: 2018 IRC R802.11 Roof Tie-Down. Roofs shall have rafter-to-bearing wall ties in accordance with Table R802.11. Manufacturer's installation specifications require a continuous path of resistance from the truss to the foundation mud sill.

Application: Toenailing will accomplish a limited amount of hold-down capability. Additional products must be used to enhance wind resistance.

Determination: Alternative methods for truss tie-down configurations are acceptable if they have been tested by a certified laboratory. Several companies sell tested products that are satisfactory.

Chris Grooms, Building Official

August 23, 2022

Date