

Roofing Replacement, Siding Replacement or Window Door Replacement Project Address:

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General Contractor:

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NAILING SCHEDULE		
AS PER AMERICAN WOOD COUNCIL'S WOOD FRAME CONSTRUCTION MANUAL FOR 1 & 2 FAMILY DWELLINGS		
JOINT DESCRIPTION	NUMBER OF NAILS	NAIL SPACING
ROOF FRAMING		
RAFTER TO TOP PLATE (TOE- NAILED) CEILING JOIST TO TOP PLATE (TOE-NAILED) CEILING JOIST TO PARALLEL RAFTER (FACE-NAILED) CEILING JOIST LAPS OVER PARTITIONS (FACE-NAILED) COLLAR TIE TO RAFTER (FACE-NAILED) BLOCKING TO RAFTER (TOE-NAILED) RIM BOARD TO RAFTER (END-NAILED)	3-8d 3-8d 4-10d 4-10d 3-10d 2-8d 2-16d	PER RAFTER PER JOIST EACH LAP EACH LAP PER TIE EACH END EACH END
WALL FRAMING		
TOP PLATE TO TOP PLATE (FACE- NAILED) TOP PLATES AT INTERSECTIONS (FACE NAILED) STUD TO STUD (FACE-NAILED) HEADER TO HEADER (FACE-NAILED)	2-16d* 4-16d 2-16d 16d	PER FOOT JOINTS - EACH SIDE 24" O.C. 16" O.C. ALONG EDGES
TOP OR BOTTOM PLATE TO STUD (END-NAILED) BOTTOM PLATE TO FLOOR JOIST,BANDJOIST,ENDJOIST, OR BLOCKING (FACE-NAILED)	2-16d 2-16d*^	PER STUD PER FOOT
FLOOR FRAMING		
JOIST TO SILL, TOP PLATE OR GIRDER (TOE-NAILED) BRIDGING TO JOIST (TOE-NAILED) BLOCKING TO JOIST (TOE-NAILED) BLOCKING TO SILL OR TOP PLATE (TOE-NAILED) LEDGER STRIP TO BEAM (FACE-NAILED) JOIST ON LEDGER TO BEAM (TOE-NAILED) BAND JOIST TO JOIST (END-NAILED) BAND JOIST TO SILL OR TOP PLATE (TOE-NAILED)	4-8d 2-8d 2-8d 3-16d 3-16d 3-8d 3-16d 2-16d*	PER JOIST EACH END EACH END EACH BLOCK EACH JOIST PER JOIST PER JOIST PER FOOT
ROOF SHEATHING		
STRUCTURAL PANELS DIAGONAL BOARD SHEATHING 1"x6" OR 1"x8" 1"x10" OR WIDER	8d 2-8d 3-8d	3" EDGE / 6" FIELD PER SUPPORT PER SUPPORT
CEILING SHEATHING		
GYPSUM WALLBOARD	5d coolers	7" EDGE/ 10" FIELD
WALL SHEATHING		
STRUCTURAL PANELS FIBER PANELS 7/16" 25/32" GYPSUM WALLBOARD HARDBOARD PARTICLEBOARD PANELS DIAGONAL BOARD SHEATHING 1"x6" OR 1"x8" 1"x10" OR WIDER	8d 6d 8d 5d coolers 8d 8d 2-8d 3-8d	3" EDGE / 6" FIELD 3" EDGE / 6" FIELD 3" EDGE / 6" FIELD 7" EDGE / 10" FIELD SEE TABLE 3.9 SEE TABLE 3.9 PER SUPPORT PER SUPPORT
FLOOR SHEATHING		
STRUCTURAL PANELS 1" OR LESS GREATER THAN 1" DIAGONAL BOARD SHEATHING 1"x6" OR 1"x8" 1"x10" OR WIDER	8d 10d 2-8d 3-8d	6" EDGE / 12" FIELD 6" EDGE / 6" FIELD PER SUPPORT PER SUPPORT
* NAILING REQUIREMENTS ARE BASED ON WALL SHEATHING NAILED 6" O.C.. AT PANEL EDGE. IF WALL SHEATHING IS NAILED 3" O.C.. AT PANEL EDGE TO OBTAIN HIGHER SHEAR CAPACITIES, NAILING REQUIREMENTS FOR STRUCTURAL MEMBERS SHALL BE DOUBLED, OR ALTERNATE CONNECTORS, SUCH AS SHEAR PLATES, SHALL BE USED TO MAINTAIN THE LOAD PATH ^ WHEN WALL SHEATHING IS CONTINUOUS OVER CONNECTED MEMBERS, THE TABULATED NUMBER OF NAILS SHALL BE PERMITTED TO BE REDUCED TO 1-16d NAIL PER FOOT.		

Ice Dam Protection Membrane shall be installed at roof eaves from edge of roof to a point at least 24 inches beyond inside face of exterior wall.

The roof cavity shall provide for a minimum 1 inch ventilation from continuous roof soffit vent to roof ridge vent.

Minimum exterior wall insulation (replacement or new): High density R-15

Minimum attic floor insulation (replacement or new R-38)

Minimum floor insulation (replacement or new) above unconditioned cellar R-19

All window and door replacement shall be direct replacement, no window openings to be enlarged.

Maximum Window (replacement) U-Factor: .40

Maximum Skylight (replacement) U-Factor: .60

Any glazing less than 18 inches above floor, in tub or shower areas must be tempered glass.