

Nailing Schedule

Include the Nailing Schedule in the Final Plans.

Building Elements	# and Type of Fastener	Spacing of Fasteners
Joist to sill or girder, toe nail	3-8d	
Sole plate to joist or blocking, face nail	16d	16 - o.c.
Top or sole plate to stud, end nail	2-16d	
Stud to sole plate, toe nail	3-8d or 2-16d	
Double studs, face nail	10d	24 - o.c.
Double top plates, face nail	10d	24 - o.c.
Sole plate to joist or blocking at braced wall panels	3-16d	16 - o.c.
Double top plates, minimum 48-inch offset of end joints, face nail in lapped area	8-16d	
Blocking between joists or rafters to top plate, toe nail	3-8d	
Rim joist to top plate, toe nail	8d	6 - o.c.
Top plates, laps at corners and intersections, face nail	2-10d	
Built-up header, two pieces with ½ - spacer Edge	16d	16 - o.c. each
Ceiling joists to plate, toe nail	3-8d	
Continuous header to stud, toe nail	4-8d	
Ceiling joist, laps over partitions, face nail	3-10d	
Ceiling Joist to parallel rafters, face nail	3-10d	
Rafter to plate, toe nail	2-16d	
1x brace to each stud and plate, face nail	2-8d	
Built-up corner studs	10d	24 - o.c.
Roof rafters to ridge, valley to hip rafters toe nail face nail		4-16d 3-16d
Rafter ties to rafters, face	3-8d	

Wood structural panels, subfloor, roof and wall sheathing to framing

	Fastener	edges	intermediate
5/16 – ½	6d common nail (subfloor, wall) 8d common nail (roof)	6 6	12 12
19/32 – 1	8d common nail	6	12
1 1/8 – 1 ¼	10d common nail or 8d deformed nail	6 6	12 12
Celluloisc fiberbd Sheathing	1 ½ galv. Roofing nail	3	6

- All nails are smooth-common, box or deformed shanks except where otherwise stated.
- Nails shall be spaced at not more than 6 inches on center at all supports where spans are 48 inches or greater
- Four-foot-by-8-foot or 4-foot-by-9 foot panels shall be applied vertically.