

NAILING SCHEDULE - CBC TABLE NO. 2304.9.1  
FASTENING SCHEDULE

CONNECTION	FASTENING <sup>a,m</sup>	LOCATION
1. JOIST TO SILL OR GIRDER	3 - 8d COMMON (2 1/4" x 0.151") 5 - 3 1/4" x 0.151" NAILS 3 - 3" 14 GAGE STAPLES	TOENAIL
2. BRIDGING TO JOIST	2 - 8d COMMON (2 1/4" x 0.151") 2 - 3 1/4" x 0.151" NAILS 2 - 3" 14 GAGE STAPLES	TOENAIL EACH END
3. 1" x 6" SUBFLOOR OR LESS TO EACH JOIST	2 - 8d COMMON (2 1/4" x 0.151")	FACE NAIL
4. WIDER THAN 1" x 6" SUBFLOOR TO EA. JOIST	3 - 8d COMMON (2 1/4" x 0.151")	FACE NAIL
5. 2" SUBFLOOR TO JOIST OR GIRDER	2 - 16d COMMON (3/8" x 0.162")	BLIND AND FACE NAIL
6. SOLE PLATE TO JOIST OR BLOCKING	16d COMMON (3/8" x 0.155") @ 16" o.c. 3 1/4" x 0.151" NAILS @ 8" o.c. 3" 14 GAGE STAPLES AT 12" o.c.	TYPICAL FACE NAIL
SOLE PLATE TO JOIST OR BLOCKING AT BRACED WALL PANEL	3" - 16d (3/8" x 0.155") @ 16" 4 - 3 1/4" x 0.151" NAILS @ 16" 4 - 3" 14 GAGE STAPLES PER 16"	BRACED WALL PANELS
7. TOP PLATE TO STUD	2 - 16d COMMON (3/8" x 0.162") 3 - 3 1/4" x 0.151" NAILS 3 - 3" 14 GAGE STAPLES	END NAIL
8. STUD TO SOLE PLAT	4 - 8d COMMON (2 1/4" x 0.151") 4 - 3 1/4" x 0.151" NAILS 3 - 3" 14 GAGE STAPLES	TOENAIL
	2 - 16d COMMON (3/8" x 0.162") 3 - 3 1/4" x 0.151" NAILS 3 - 3" 14 GAGE STAPLES	END NAIL
9. DOUBLE STUDS	16d COMMON (3/8" x 0.155") @ 24" o.c. 3 1/4" x 0.151" NAILS @ 8" o.c. 3" 14 GAGE STAPLES @ 8" o.c.	FACE NAIL
10. DOUBLE TOP PLATES	16d (3/8" x 0.155") @ 16" o.c. 3 1/4" x 0.151" NAILS @ 12" o.c. 3" 14 GAGE STAPLES @ 12" o.c.	TYPICAL FACE NAIL
DOUBLE TOP PLATES	8 - 16d COMMON (3/8" x 0.162") 12 - 3 1/4" x 0.151" NAILS 12 - 3" 14 GAGE STAPLES	LAP SPLICE
11. BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE	3 - 8d COMMON (2 1/4" x 0.151") 3 - 3 1/4" x 0.151" NAILS 3 - 3" 14 GAGE STAPLES	TOENAIL
12. RIM JOIST TO TOP PLATE	8d (2 1/4" x 0.151") @ 6" o.c. 3 1/4" x 0.151" NAILS @ 6" o.c. 3" 14 GAGE STAPLE @ 6" o.c.	TOENAIL
13. TOP PLATES, LAPS AND INTERSECTIONS	2 - 16d COMMON (3/8" x 0.162") 3 - 3 1/4" x 0.151" NAILS 3 - 3" 14 GAGE STAPLES	FACE NAIL
14. CONTINUOUS HEADER, TWO PIECES	16d COMMON (3/8" x 0.162")	16" o.c. ALONG EDGE
15. CEILING JOISTS TO TOP PLATE	3 - 8d COMMON (2 1/4" x 0.151") 5 - 3 1/4" x 0.151" NAILS 5 - 3" 14 GAGE STAPLES	TOENAIL
16. CONTINUOUS HEADER TO STUD	4 - 8d COMMON (2 1/4" x 0.151")	TOENAIL

(CONTINUED)

FASTENING SCHEDULE

CONNECTION	FASTENING <sup>a,m</sup>	LOCATION
17. CEILING JOISTS, LAPS OVER PARTITIONS (SEE SECTION 2308.10.4.1, TABLE 2308.10.4.1)	3 - 16d COMMON (3/8" x 0.162") MIN. TABLE 2308.10.4.1 4 - 3 1/4" x 0.151" NAILS 4 - 3" 14 GAGE STAPLES	FACE NAIL
18. CEILING JOISTS TO PARALLEL RAFTERS (SEE SECTION 2308.10.4.1, TABLE 2308.10.4.1)	3 - 16d COMMON (3/8" x 0.162") MIN. TABLE 2308.10.4.1 4 - 3 1/4" x 0.151" NAILS 4 - 3" 14 GAGE STAPLES	FACE NAIL
19. RAFTER TO PLATE (SEE SECTION 2308.10.1, TABLE 2308.10.1)	3 - 8d COMMON (2 1/4" x 0.151") 3 - 3 1/4" x 0.151" NAILS 3 - 3" 14 GAGE STAPLES	TOENAIL
20. 1" DIAGONAL BRACE TO EACH STUD AND PLATE	2 - 8d COMMON (2 1/4" x 0.151") 2 - 3 1/4" x 0.151" NAILS 3 - 3" 14 GAGE STAPLES	FACE NAIL
21. 1" x 8" SHEATHING TO EACH BEARING	3 - 8d COMMON (2 1/4" x 0.151")	FACE NAIL
22. WIDER THAN 1" x 8" SHEATHING TO EACH BEARING	3 - 8d COMMON (2 1/4" x 0.151")	FACE NAIL
23. BUILT-UP CORNER STUDS	16d COMMON (3/8" x 0.162") 3 1/4" x 0.151" NAILS 3" 14 GAGE STAPLES	24" o.c. 16" o.c. 16" o.c.
24. BUILT-UP GIBBER BEAMS	20d COMMON (4" x 0.192") @ 32" o.c. 3 1/4" x 0.151" NAIL @ 24" o.c. 3" 14 GAGE STAPLE @ 24" o.c. 2 - 20d COMMON (4" x 0.192") 3 - 3 1/4" x 0.151" NAILS 3 - 3" 14 GAGE STAPLES	FACE NAIL @ TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES  FACE NAIL @ ENDS AND @ EA. SPLICE
25. 2" PLANKS	16d COMMON (3/8" x 0.162")	@ EACH BEARING
26. COLLAR TIE TO RAFTER	3 - 10d COMMON (3" x 0.148") 4 - 3 1/4" x 0.151" NAILS 4 - 3" 14 GAGE STAPLES	FACE NAIL
27. JACK RAFTER TO HP	3 - 10d COMMON (3" x 0.148") 4 - 3 1/4" x 0.151" NAIL 4 - 3" 14 GAGE STAPLE 2 - 16d COMMON (3/8" x 0.162") 3 - 3 1/4" x 0.151" NAILS 3 - 3" 14 GAGE STAPLES	TOENAIL  FACE NAIL
28. ROOF RAFTER TO 2-BY-8 RIGID BEAM	2 - 16d COMMON (3/8" x 0.162") 3 - 3 1/4" x 0.151" NAIL 3 - 3" 14 GAGE STAPLE 2 - 16d COMMON (3/8" x 0.162") 3 - 3 1/4" x 0.151" NAILS 3 - 3" 14 GAGE STAPLES	TOENAIL  FACE NAIL
29. JOIST TO BAND JOIST	3 - 16d COMMON (3/8" x 0.162") 4 - 3 1/4" x 0.151" NAILS 4 - 3" 14 GAGE STAPLES	FACE NAIL

(CONTINUED)

FASTENING SCHEDULE

CONNECTION	FASTENING <sup>a,m</sup>	LOCATION
30. LEDGER STRIP	3 - 16d COMMON (3/8" x 0.162") 4 - 3 1/4" x 0.151" NAILS 4 - 3" 14 GAGE STAPLES	FACE NAIL
31. WOOD STRUCTURAL PANELS AND PARTICLEBOARD <sup>b</sup> SUBFLOOR, ROOF & WALL SHEATHING (TO FRAMING)	1/2" AND LESS: 6d <sup>1</sup> 2 1/2" x 0.151" NAIL <sup>n</sup> 1 1/2" 16 GAGE <sup>o</sup> 3d <sup>4</sup> OR 6d <sup>o</sup> 2 1/2" x 0.151" NAIL <sup>p</sup> 2" 16 GAGE <sup>p</sup> 3/8" TO 1" 3/8" TO 1 1/2" 1" AND LESS: 6d 3/8" TO 1" 3/8" TO 1 1/2" 1 1/4" OR 8d <sup>4</sup>	
SINGLE FLOOR (COMBINATION SUBFLOOR-UNDERLAYMENT TO FRAMING)	6d <sup>c</sup> 10d <sup>4</sup> OR 8d <sup>4</sup> 6d 3d <sup>o</sup> e 10d <sup>4</sup> OR 8d <sup>o</sup>	
32. PANEL SIDING (TO FRAMING)	6d <sup>f</sup> 3/8" 6d <sup>f</sup> 8d <sup>f</sup>	
33. FIBERBOARD SHEATHING <sup>g</sup>	1" 3/8" # 11 GAGE ROOFING NAIL <sup>b</sup> 16d COMMON NAIL (2" x 0.151") # 16 GAGE STAPLE <sup>f</sup> # 11 GAGE ROOFING NAIL <sup>b</sup> 8d COMMON NAIL (2 1/2" x 0.151") # 16 GAGE STAPLE <sup>f</sup>	
34. INTERIOR PANELING	1" 3/8" 4d <sup>j</sup> 6d <sup>k</sup>	

FOR 3/8" = 25 Ann.

- a. COMMON OR BOX NAILS ARE PERMITTED TO BE USED EXCEPT WHERE OTHERWISE STATED.
- b. NAILS SPACED @ 6" o.c. @ EDGES, 12" @ INTERMEDIATE SUPPORTS EXCEPT 6" @ SUPPORTS WHERE SPANS ARE 48" OR MORE. FOR NAILING OF WOOD STRUCTURAL PANEL AND PARTICLEBOARD DIAPHRAGMS AND SHEAR WALLS, REFER TO SECTION 2305. NAILS FOR WALL SHEATHING ARE PERMITTED TO BE COMMON, BOX OR CASING.
- c. COMMON OR PERFORMED SHANK (6d - 2" x 0.151", 8d - 2 1/2" x 0.151", 10d - 3" x 0.148").
- d. COMMON (6d - 2" x 0.151", 8d - 2 1/2" x 0.151", 10d - 3" x 0.148").
- e. PERFORMED SHANK (6d - 2" x 0.151", 8d - 2 1/2" x 0.151", 10d - 3" x 0.148").
- f. CORROSION-RESISTANT SHANK (6d - 1 1/2" x 0.162", 8d - 2 1/2" x 0.162") OR CASING (6d - 2" x 0.099", 8d - 2 1/2" x 0.151").
- g. FASTENERS SPACED 3" o.c. @ EXTERIOR EDGES AND 6" o.c. @ INTERMEDIATE SUPPORTS, WHEN USED AS STRUCTURAL SHEATHING. SPACING SHALL BE 6" o.c. @ THE EDGES AND 12" o.c. @ INTERMEDIATE SUPPORTS FOR NONSTRUCTURAL APPLICATIONS.
- h. CORROSION-RESISTANT ROOFING NAILS WITH 3/8" @ HEAD AND 1/2" LENGTH FOR 1" SHEATHING AND 1 1/2" LENGTH FOR 3/8" SHEATHING.
- i. CORROSION-RESISTANT STAPLES WITH NOMINAL 3/8" CROWN AND 1/2" LENGTH FOR 1" SHEATHING AND 1 1/2" LENGTH FOR 3/8" SHEATHING. PANEL SUPPORTS @ 16" (20" IF STRENGTH AXIS IN THE LONG DIRECTION OF THE PANEL, UNLESS OTHERWISE MARKED).
- j. CASING (1/2" x 0.080") OR FINISH (1/2" x 0.072") NAILS SPACED 6" ON PANEL EDGES, 12" @ INTERMEDIATE SUPPORTS.
- k. PANEL SUPPORTS @ 24". CASING OR FINISH NAILS SPACED 6" ON PANEL EDGES, 12" AT INTERMEDIATE SUPPORTS.
- l. FOR ROOF SHEATHING APPLICATIONS, 8d NAILS (2 1/2" x 0.151") ARE MINIMUM REQUIRED FOR WOOD STRUCTURAL PANELS.
- m. STAPLES SHALL HAVE A MINIMUM CROWN WIDTH OF 3/8".
- n. FOR ROOF SHEATHING APPLICATIONS, FASTENERS SPACED 4" o.c. @ EDGES, 8" o.c. @ INTERMEDIATE SUPPORTS.
- o. FASTENERS SPACED 4" o.c. @ EDGES, 8" @ INTERMEDIATE SUPPORTS FOR SUBFLOOR AND WALL SHEATHING AND 2" o.c. @ EDGES, 6" @ INTERMEDIATE SUPPORTS FOR ROOF SHEATHING.
- p. FASTENERS SPACED 4" o.c. @ EDGES, 8" @ INTERMEDIATE SUPPORTS.

CALIFORNIA BUILDING CODE CHAPTER 7A REQUIREMENTS:

NEW BUILDINGS LOCATED IN ANY FIRE HAZARD SEVERITY ZONE WITHIN STATE RESPONSIBILITY AREAS OR ANY WILDLAND-URBAN INTERFACE FIRE AREA DESIGNATED BY THE ENFORCING AGENCY FOR WHICH AN APPLICATION FOR A BUILDING PERMIT IS SUBMITTED, SHALL COMPLY WITH THE FOLLOWING SECTIONS:

ROOFING:

- ROOFING SHALL COMPLY WITH THE REQUIREMENTS OF CHAPTER 7A AND CHAPTER 15. ROOFS SHALL HAVE A ROOFING ASSEMBLY INSTALLED IN ACCORDANCE WITH ITS LISTING AND THE MANUFACTURE'S INSTALLATION INSTRUCTIONS.
- ROOF COVERINGS: WHERE THE ROOF PROFILE ALLOWS SPACE BETWEEN THE ROOF COVERING AND THE ROOF DECKING, THE SPACES SHALL BE CONSTRUCTED TO PREVENT THE INTRUSION OF FLAMES AND EMBER, BE FIRE STOPPED WITH APPROVED MATERIALS OR HAVE ONE LAYER OF No. 72 ASTM CAP SHEET INSTALLED OVER THE COMBUSTIBLE DECKING.
- ROOF VALLEYS: WHEN PROVIDED, VALLEY FLASHINGS SHALL BE NOT LESS THAN 0.019-INCH (No. 26 GALVANIZED SHEET GAGE) CORROSION-RESISTANT METAL, INSTALLED OVER A MINIMUM 3/8" WIDE UNDERLAYMENT CONSISTING OF ONE LAYER OF No. 72 ASTM CAP SHEET RUNNING THE FULL LENGTH OF THE VALLEY.
- ROOF GUTTERS: ROOF GUTTERS SHALL BE PROVIDED WITH THE MEANS TO PREVENT THE ACCUMULATION OF LEAVES AND DEBRIS IN THE GUTTER.

ATTIC VENTILATION:

- EAWE OR CORNICE VENTS: VENTS SHALL NOT BE INSTALLED IN EAIVES AND CORNICES.
- EAWE PROTECTION: EAIVES AND SOFFITS SHALL MEET THE REQUIREMENTS OF SFM 12-7A-3 OR SHALL BE PROTECTED BY IGNITION-RESISTANT MATERIALS OR NONCOMBUSTIBLE CONSTRUCTION ON THE EXPOSED UNDERSIDE.

EXTERIOR WALLS:

- EXTERIOR WALLS SHALL BE APPROVED NON COMBUSTIBLE OR IGNITION-RESISTANT MATERIAL, HEAVY TIMBER, OR LOG WALL CONSTRUCTION OR SHALL PROVIDE PROTECTION FROM THE INTRUSION OF FLAMES AND EMBERS IN ACCORDANCE WITH STANDARD SFM 127A-1.
- EXTERIOR WALL COVERINGS: EXTERIOR WALL COVERINGS SHALL EXTEND FROM THE TOP OF THE FOUNDATION TO THE ROOF, AND TERMINATE AT 2" NOMINAL SOLID WOOD BLOCKING BETWEEN RAFTERS AT ALL ROOF OVERHANGS, OR IN THE CASE OF ENCLOSED EAIVES, TERMINATE AT THE ENCLOSURE.
- EXTERIOR WALL VENTS: VENT OPENINGS IN EXTERIOR WALLS SHALL RESIST THE INTRUSION OF FLAME AND EMBERS INTO THE STRUCTURE OR VENTS SHALL BE SCREENED WITH A CORROSION-RESISTANT, NONCOMBUSTIBLE WIRE MESH WITH 1/4" OPENINGS OR ITS EQUIVALENT.
- EXTERIOR GLAZING AND WINDOW WALLS: EXTERIOR WINDOWS, WINDOW WALLS, GLAZED DOORS, AND GLAZED OPENINGS WITHIN EXTERIOR DOORS SHALL BE INSULATING-GLASS UNITS WITH A MINIMUM OF ONE TEMPERED PANE, OR GLASS BLOCK UNITS, OR HAVE A FIRE-RESISTIVE RATING OF NOT LESS THAN 20 MINUTES, WHEN TESTED ACCORDING TO ASTM E 2010.
- EXTERIOR DOOR ASSEMBLIES: EXTERIOR DOOR ASSEMBLIES SHALL CONFORM TO THE PERFORMANCE REQUIREMENTS OF STANDARD SFM 12-7A-1 OR SHALL BE APPROVED NONCOMBUSTIBLE CONSTRUCTION, OR SOLID CORE WOOD HAVING STILES AND RAILS NOT LESS THAN 1 3/8" THICK, OR SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 20 MINUTES WHEN TESTED ACCORDING TO ASTM E 2074 (EXCEPTION: NONCOMBUSTIBLE OR EXTERIOR FIRE-RETARDANT TREATED WOOD VEHICLE ACCESS DOORS ARE NOT REQUIRED TO COMPLY WITH THIS CHAPTER.)

DECKING FLOORS AND UNDERFLOOR PROTECTION:

- DECKING SURFACES: DECKING, SURFACES, STAIRTREADS, RISERS, AND LANDINGS OF DECKS, PORCHES, AND BALCONIES WHERE ANY PORTION OF SUCH SURFACE IS WITHIN 10' OF THE PRIMARY STRUCTURE SHALL COMPLY WITH ONE OF THE FOLLOWING:
  1. SHALL BE CONSTRUCTED OF IGNITION-RESISTANT MATERIALS AND PASS THE PERFORMANCE REQUIREMENTS OF SFM 12-7A-4.
  2. SHALL BE CONSTRUCTED WITH HEAVY TIMBER, EXTERIOR FIRE-RETARDANT-TREATED WOOD OR APPROVED NONCOMBUSTIBLE MATERIAL.
  3. THE USE OF PAINTS, COATINGS, STAINS, OR OTHER SURFACE TREATMENTS ARE NOT AN APPROVED METHOD OF PROTECTION AS REQUIRED IN THIS CHAPTER.

UNDERFLOOR AND APPENDAGES PROTECTION:

- UNDERSIDE OF APPENDAGES AND FLOOR PROJECTIONS: THE UNDERSIDE OF CANTILEVERED AND OVERHANGING APPENDAGES AND FLOOR PROJECTIONS SHALL MAINTAIN THE IGNITION-RESISTANT INTEGRITY OF EXTERIOR WALLS, OR THE PROJECTION SHALL BE ENCLOSED TO THE GRADE.
- UNENCLOSED UNDERFLOOR PROJECTION: BUILDINGS SHALL HAVE ALL UNDERFLOOR AREAS ENCLOSED TO THE GRADE THE SAME AS EXTERIOR WALL REQUIREMENTS. (EXCEPTION: THE COMPLETE ENCLOSURE OF UNDER FLOOR AREAS MAY BE OMITTED WHERE THE UNDERSIDE OF ALL EXPOSED FLOORS, EXPOSED STRUCTURAL COLUMNS, BEAMS AND SUPPORTING WALLS ARE PROTECTED AS REQUIRED WITH EXTERIOR IGNITION-RESISTANT MATERIAL CONSTRUCTION OR BE HEAVY TIMBER.

DEFENSIBLE SPACE:

- PRIOR TO BUILDING PERMIT FINAL APPROVAL, THE PROPERTY SHALL BE IN COMPLIANCE WITH THE VEGETATION CLEARANCE REQUIREMENTS PRESCRIBED IN CALIFORNIA PUBLIC RESOURCES CODE 4291 CALIFORNIA GOVERNMENT CODE SECTION 51182.
- THE ENFORCEMENT OF DEFENSIBLE SPACE AND INSPECTION SHALL BE PERFORMED BY THE LOCAL FIRE JURISDICTION HAVING AUTHORITY.
- SEE CAL-FIRE HANDOUTS FOR HOW TO OBTAIN DEFENSIBLE SPACE ZONES WHICH INCLUDE: FIREBREAK WITHIN 30' OF EACH BUILDING OR STRUCTURE, DEAD AND DYING WOODY SURFACE FUELS SHALL BE REMOVED, DOWN LOGS OR STUMPS, FUEL SEPARATION, AND DEFENSIBLE SPACE WITH CONTINUOUS TREE CANOPY.

Revisions

NOTES

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Noted

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Job No.  
2032

Sheet #7  
of 8.

VERIFY ALL DIMENSIONS ON SITE  
INFORMATION PROVIDED BY CONTRACTOR