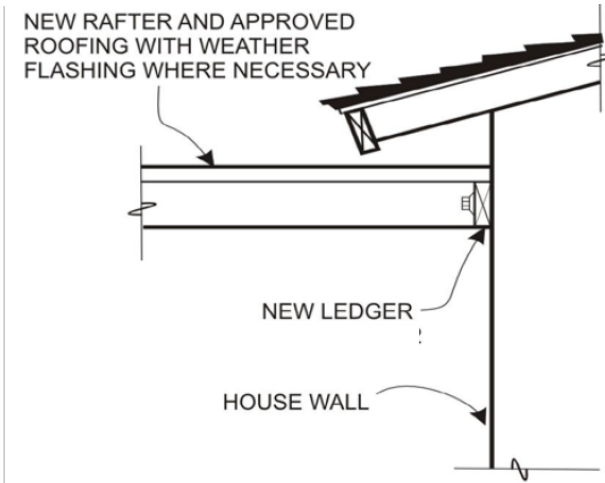
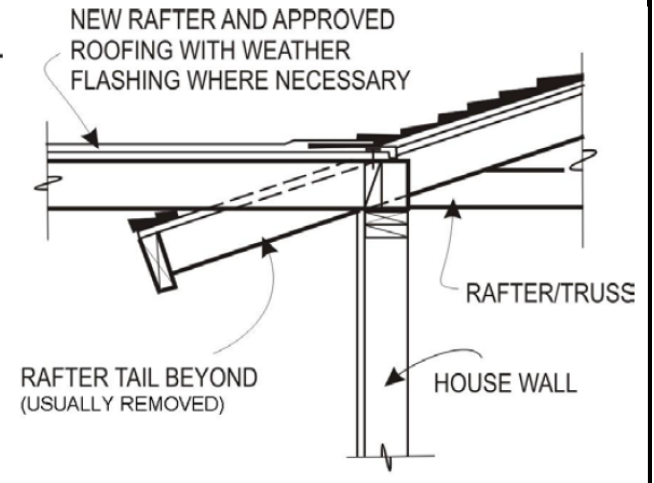


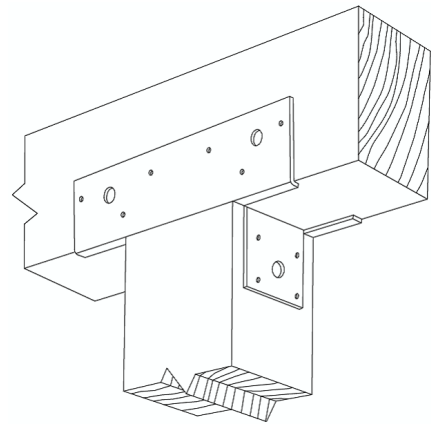
FASCIA ATTACHMENT



LEDGER ATTACHMENT

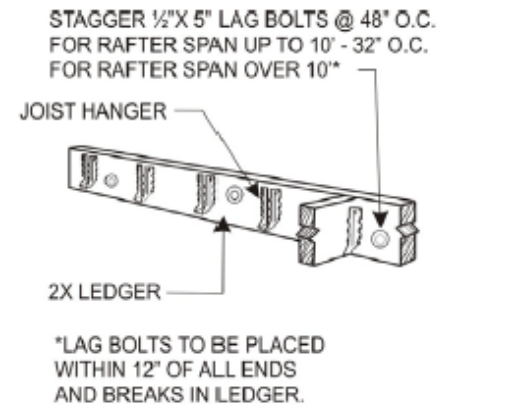


TOP PLATE ATTACHMENT



Simpson Strong-Tie
PC44

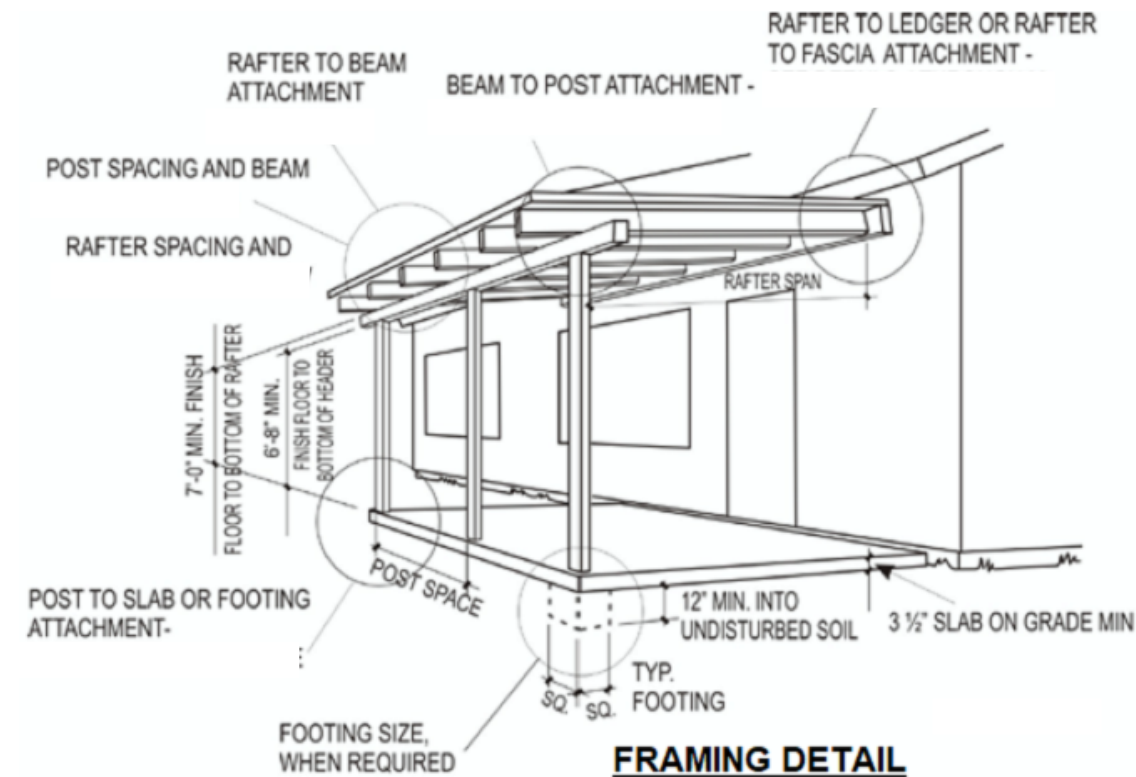
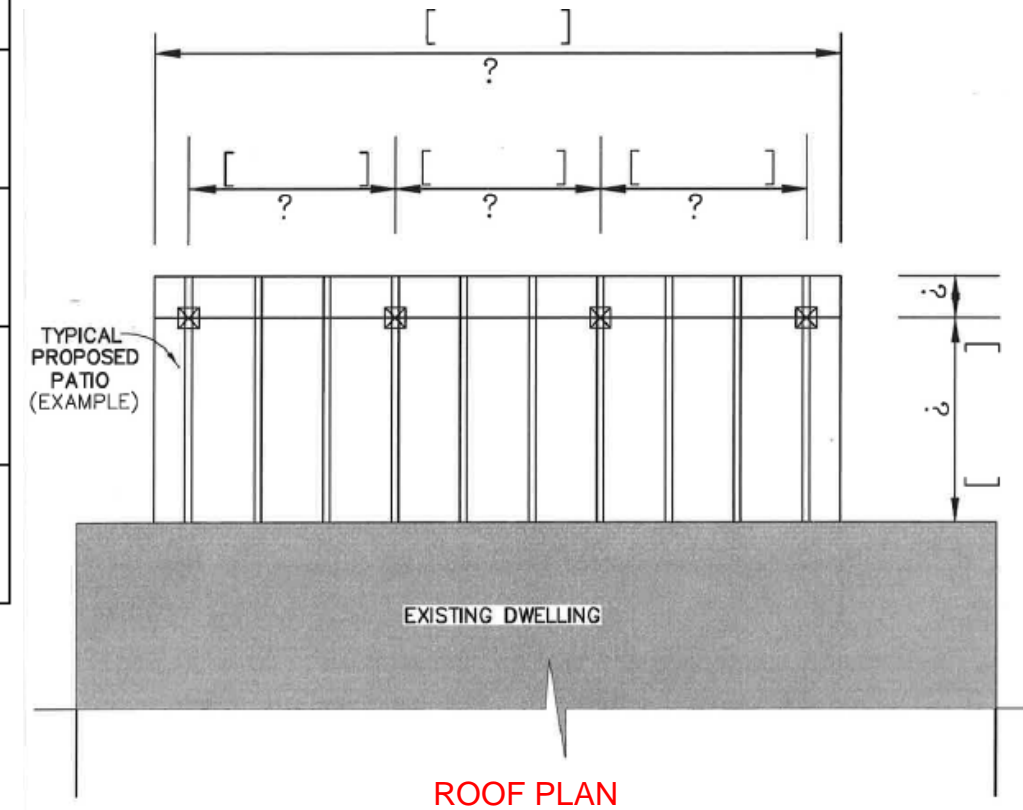
Span	Header
0-4 FT	4x4
4-6 FT	4x6
6-8 FT	4x8
8-10 FT	4x10
10-12 FT	4x12
12-14 FT	4x14



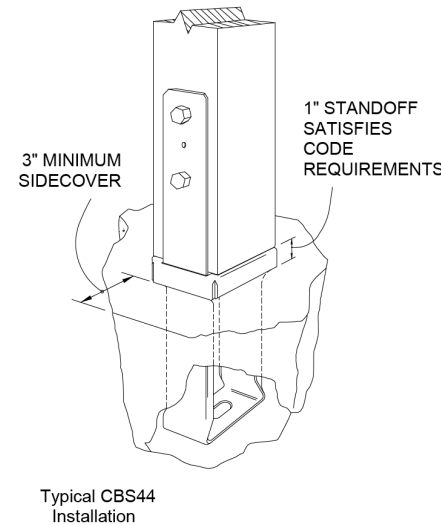
CONNECTION TO BUILDING

Detail #2

Rafter Size (in)	Spacing (in)	Span (in)
2"	12"	15'-4"
X	16"	13'-9"
6"	24"	11'-7"
2"	12"	20'-11"
X	16"	18'-1"
8"	24"	14'-10"
2"	12"	24'-10"
X	16"	21'-6"
10"	24"	17'-7"
2"	12"	25'-2"
X	16"	25'-2"
12"	24"	20'-6"



FRAMING DETAIL



Typical CBS44
Installation

Spec's By _____	COUNTY OF MADERA	Date: 10/16/19
Drawn By <u>SLM</u>		Scale: NONE
APPROVED BY _____		Drawing No. _____
REVISIONS		

PATIO COVER

FASTENING SCHEDULE [CBC TABLE 2304.9.1] - Common or box nails permitted unless noted. Staples shall have min. 7/16" crown width.	
1. JOIST TO SILL OR GIRDER, TOENAIL	3 - 8d common, 3 - 3"x 0.131" nails, 3 - 3" 14 gage staples
2. BRIDGING TO JOIST, TOENAIL EACH END	2 - 8d common, 2 - 3"x 0.131" nails, 2 - 3" 14 gage staples
3. 1"x 6" SUBFLOOR OR LESS TO EACH JOIST, FACE NAIL	2 - 8d common
4. WIDER THAN 1"x 6" SUBFLOOR TO EACH JOIST, FACE NAIL	3 - 8d common
5. 2" SUBFLOOR TO JOIST OR GIRDER, BLIND AND FACE NAIL	2 - 16d common
6. SOLE PLATE TO JOIST OR BLOCKING, TYPICAL FACE NAIL	16d at 16" oc, 3"x 0.131" nails at 8" oc, 3" 14 gage staples at 12" oc
SOLE PLATE TO JOIST OR BLOCKING AT BRACED WALL PANELS	3 - 16d at 16", 4 - 3"x 0.131" nails at 16", 4 - 3" 14 gage staples per 16"
7. TOP PLATE TO STUD, END NAIL	2 - 16d common, 3 - 3"x 0.131" nails, 3 - 3" 14 gage staples
8. STUD TO SOLE PLATE, TOENAIL	4 - 8d common, 4 - 3"x 0.131" nails, 3 - 3" 14 gage staples
STUD TO SOLE PLATE, END NAIL	2 - 16d common, 3 - 3"x 0.131" nails, 3 - 3" 14 gage staples
9. DOUBLE STUDS, FACE NAIL	16d at 24" oc, 3"x 0.131" nail at 8" oc, 3" 14 gage staple at 8" oc
10. DOUBLE TOP PLATES, TYPICAL FACE NAIL	16d at 16" oc, 3"x 0.131" nail at 12" oc, 3" 14 gage staple at 12" oc
DOUBLE TOP PLATES, LAP SPLICE	8 - 16d common, 12 - 3"x 0.131" nails, 12 - 3" 14 gage staples
11. BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE, TOENAIL	3 - 8d common, 3 - 3"x 0.131" nails, 3 - 3" 14 gage staples
12. RIM JOIST TO TOP PLATE, TOENAIL	8d at 6" oc, 3"x 0.131" nail at 6" oc, 3" 14 gage staple at 6" oc
13. TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL	2 - 16d common, 3 - 3"x 0.131" nail at 6" oc, 3" 14 gage staples
14. CONTINUOUS HEADER, TWO PIECES	16d common 16" oc along edge
15. CEILING JOISTS TO PLATE, TOENAIL	3 - 8d common, 5 - 3"x 0.131" nails, 5 - 3" 14 gage staples
16. CONTINUOUS HEADER TO STUD, TOENAIL	4 - 8d common
17. CEILING JOISTS, LAPS OVER PARTITIONS, FACE NAIL	3 - 16d common min. Table 2308.10.4.1, 4 - 3"x 0.131" nails, 4 - 3" 14 gage staples
18. CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL	3 - 16d common min. Table 2308.10.4.1, 4 - 3"x 0.131" nails, 4 - 3" 14 gage staples
19. RAFTER TO PLATE, TOENAIL	3 - 8d at common, 3 - 3"x 0.131" nails, 3 - 3" 14 gage staples
20. 1" DIAGONAL BRACE TO EACH STUD AND PLATE, FACE NAIL	2 - 8d common, 2 - 3"x 0.131", 3 - 3" 14 gage staples
21. 1" x 8" SHEATHING TO EACH BEARING, FACE NAIL	3 - 8d common
22. WIDER THAN 1" x 8" SHEATHING TO EACH BEARING, FACE NAIL	3 - 8d common
23. BUILT-UP CORNER STUDS	16d common at 24" oc, 3"x 0.131" nails at 16" oc, 3" 14 gage staples at 16" oc
24. BUILT-UP GIRDER AND BEAMS, FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES	20d common at 32" oc, 3"x 0.131" nail at 24" oc, 3" 14 gage staple at 24" oc
BUILT-UP GIRDER AND BEAMS, FACE NAIL AT ENDS AND AT EACH SPLICE	2 - 20d common, 3 - 3"x 0.131" nails, 3 - 3" 14 gage staple
25. 2" PLANKS, AT EACH BEARING	16d common
26. COLLAR TIE TO RAFTER, FACE NAIL	3 - 10d common, 4 - 3"x 0.131" nails, 4 - 3" 14 gage staples
27. JACK RAFTER TO HIP, TOENAIL	3 - 10d common, 4 - 3"x 0.131" nails, 4 - 3" 14 gage staples
JACK RAFTER TO HIP, FACE NAIL	2 - 16d common, 3 - 3"x 0.131" nails, 3 - 3" 14 gage staples
28. ROOF RAFTER TO 2-BY RIDGE BEAM, TOENAIL OR FACE NAIL	2 - 16d common, 3 - 3"x 0.131" nails, 3 - 3" 14 gage staples
29. JOIST TO BAND JOIST, FACE NAIL	3 - 16d common, 4 - 3"x 0.131" nails, 4 - 3" 14 gage staples
30. LEDGER STRIP, FACE NAIL	3 - 16d common, 4 - 3"x 0.131" nails, 4 - 3" 14 gage staples
31. WOOD STRUCTURAL PANELS AND PARTICLEBOARD ^a , SUBFLOOR, ROOF AND WALL SHEATHING (TO FRAMING)	
1/2" AND LESS	6d ^{b, c} , 2 3/8" x 0.113" nail ^d , 1 3/4" 16 gage ^e
19/32" TO 3/4"	8d com. or 6d def., 2 3/8" x 0.113" nail 4" oc at edge 8" oc field, 2" 16 gage 4", 8" oc
7/8" TO 1"	8d common or deformed shank
1 1/8" TO 1 1/4"	10d or 8d common
WOOD STRUCTURAL PANELS AND PARTICLEBOARD, SINGLE FLOOR (COMBINATION SUBFLOOR-UNDERLAYMENT TO FRAMING)	
3/4" AND LESS	6d deformed shank
7/8" TO 1"	8d deformed shank
1 1/8" TO 1 1/4"	10d common or 8d deformed
32. PANEL SIDING (TO FRAMING) - 1/2" OR LESS	6d Corrosion-resistant siding or casing nail
PANEL SIDING (TO FRAMING) - 5/8"	8d Corrosion-resistant siding or casing nail
33. FIBERBOARD SHEATHING - 1/2" ^h	1 1/2" 11 gage roofing nail ^f , 6d common nail, 1 1/8" 16 gage staple ^g
FIBERBOARD SHEATHING - 25/32" ^h	1 3/4" 11 gage roofing nail ^f , 8d common nail, 1 1/2" 16 gage staple ^g
34. INTERIOR PANELING - 1/4"	4d Casing or finish nails spaced 6" on panel edges, 12" at intermediate supports
INTERIOR PANELING - 3/8"	6d Panel supports at 24". Casing or finish nails spaced 6" at edges, 12" at intermediate
<p>a Nails spaced 6" oc at edges, 12" at intermediate supports except 6" at supports where spans are 48" or more. For nailing of wood structural panel and particleboard diaphragms and shear walls, refer to Section 2305. Nails permitted to be common, box or casing.</p> <p>b Common or deformed shank</p> <p>c For roof sheathing applications, 8d nails are the minimum required for wood structural panels</p> <p>d For roof sheathing applications, fasteners spaced 4" oc at edges, 8" oc at intermediate supports</p> <p>e Fasteners spaced 4" oc at edges, 8" oc at intermediate supports for subfloor and wall sheathing and 3" oc at edges, 6" at intermediate supports for roof sheathing</p> <p>f Corrosion-resistant roofing nails with 7/16" diameter head</p> <p>g Corrosion-resistant staples with 7/16" crown. Panel supports at 16"</p> <p>h Fasteners spaced 3" oc at exterior edges, 6" oc at intermediate supports, when used as structural sheathing. Spacing shall be 6" oc on the edges and 12" oc at intermediate supports for nonstructural applications.</p>	

FRAMING NOTES

- Unless otherwise specified in the plans all horizontal lumber to be DF #2 or better. All vertical lumber to standard construction grade or better. All lumber shall be legibly grade stamped. All wood in contact with concrete to be pressure treated DF or foundation grade Redwood.
- Unless otherwise specified in the plans, headers over all exterior openings shall be 4x12 DF #2.
- Plywood roof sheathing shall be standard grade or standard with exterior glue. Plywood sheathing at overhangs or otherwise exposed to the weather shall be CC Exterior APA grade or better. See nailing schedule for plywood fastening. All plywood used for flooring to also be glued to each floor joist below continuously, unless otherwise noted. Plywood shall be installed perpendicular to the members it covers.
- Unless otherwise specified, all wall framing to include minimum 2x sole plate to 2s studs at 16" O.C. To double 2x top plate. Lap top plate at 4'-0" O.C. with 6-16d each leg. If stud length exceeds 8' fire blocking is required. Install 1x6 lateral, let-in bracing, on piece for every 25 linear feet of exterior wall or portion thereof. Where the angle to the horizontal is not less than 45 degrees. Use single trimmer and kingstud up to rough openings of 6'-2" to 10'-1" and add double kingstud for openings larger than 10'-1"
- Cutting and notching of rafters, joists and beams shall be limited to the outer 1/3 at each end, and shall not exceed 1/5 of the depth of the member unless the member has been oversized for it. Boring of rafters, joists and beams shall be limited to the middle 1/2 of the member, and shall not exceed 1/4 depth of the member nor closer than 2" from the top or bottom edge unless the member has been oversized for it. Boring in plates and studs shall be limited to 1-1/4" for 2x4 not closer than 3/4" to edge and 1-3/4" for 2x6 not closer than 1" to edge.
- Lap and face nail where possible all joist over full bearing of partition of at least 12". Where ceiling joist are parallel to roof rafters, collar ties may be omitted if joists provide tying of rafters at plate. Otherwise, rafters will have minimum 1x6 collar ties at 48" O.C. Use 2"x purlins of the same width as the rafters they support whenever possible with 2x4 diagonal bracing not lower than 45 degrees from horizontal at 48" O.C. Block or bridge rafters at 10'-0" O.C. and joists at 8'-0" Install double under all parallel partitions. Install double rafters under all mechanical HVAC units.
- Flash and Counter Flash at all roof to vertical wall intersections.

FOUNDATION NOTES

- Concrete contractor to check and verify finish floor elevation prior to pouring concrete.
- Concrete must be 6" above grade where supporting wood.
- All concrete to test 2,500 PSI @ 28 days unless otherwise noted.
- All footings to be in natural, undisturbed soil unless a soils test has been performed.
- Except where otherwise noted, concrete slab floors will be not less than 3-1/2" thick.

FLOOR PLAN NOTE

- Job card to be available for signature at job site.
- Provide a dimensioned copy of the floor plan for the County Assessor's Office.
- Surface water shall be drained away from the building for the first 10' by at least 2% grade the overall lot drainage must be not less than 1%

GENERAL NOTES

- All construction shall comply with adopted ordinances and polices of the Governing agency and the latest adopted editions of the following: California Building Code (CBC) California Plumbing Code (CPC), California Mechanical Code (CMC), California Fire Code (CFC), and the California Electrical Code (CEC).
- The contractor shall erect and maintain, as required by existing conditions and progress of the work, all reasonable safeguards for safety and protection including posting danger signs and other warnings against hazards, promulgating safety regulation and notifying owners and users of adjacent utilities.
- The contractor shall be responsible for the verification of all dimensions, grades and other conditions, and they shall correlate all such items at the jobsite, they shall report any discrepancies to the designer for clarification and or correction prior to beginning work.
- The contractor shall be responsible for the work and coordination of all trades with the governing agency, and shall provide all material and labor shown in these plans to render the job complete.
- The ideas, designs and arrangements represented by these drawings and specifications are, and shall remain, the property of the designer. No part thereof shall be copied, disclosed to others or used in connection with any other work or project other than the project specified in these drawings without the written permission of the designer.