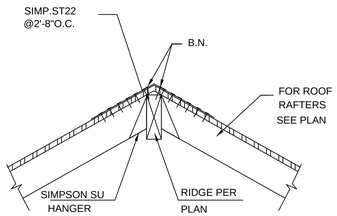
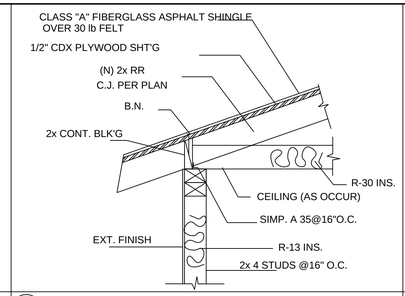
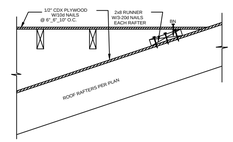


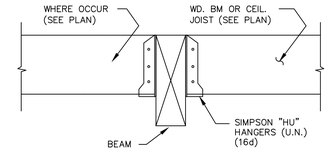
1 RIDGE DETAIL



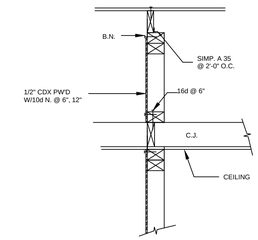
2 EAVE DETAIL



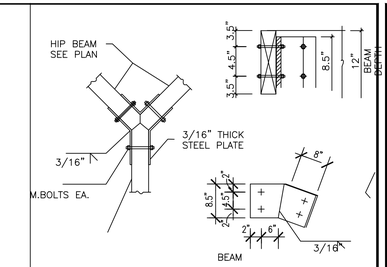
3 CALIFORNIA-ROOF-CONNECTION



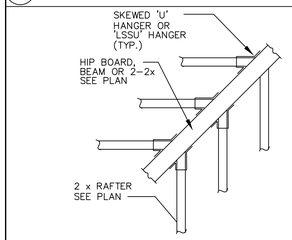
D4 TYP. CONNECTION



D5 SHEAR TRANSFER

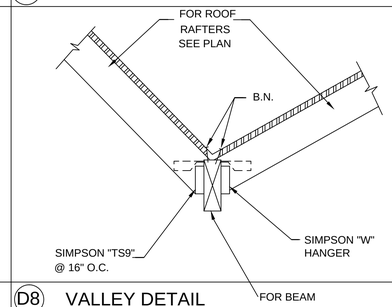


D6 HIP/RIDGE CONNECTION

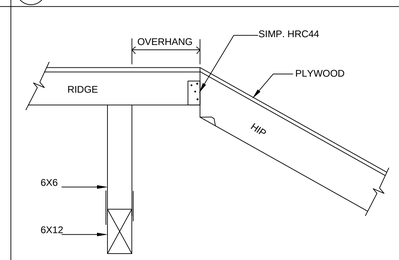


PLAN VIEW

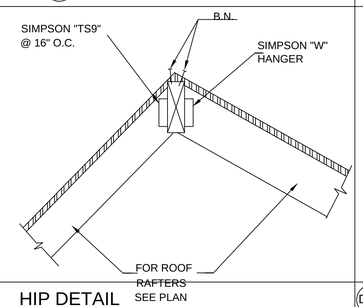
D7 RAFTER TO HIP BEAM



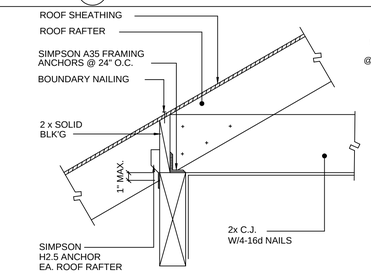
D8 VALLEY DETAIL



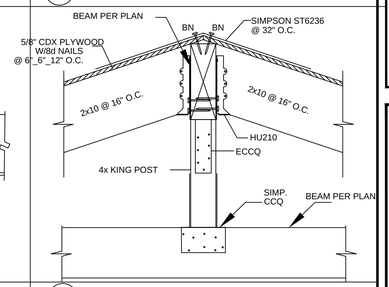
D9 HIP/RIDGE CONNECTION



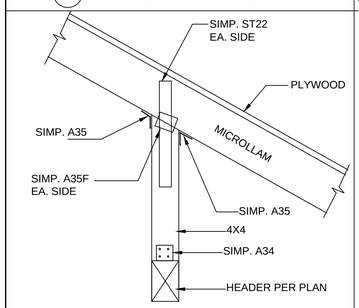
D10 HIP DETAIL



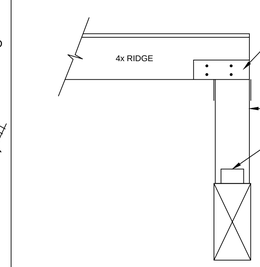
D11 EAVE TO BEAM



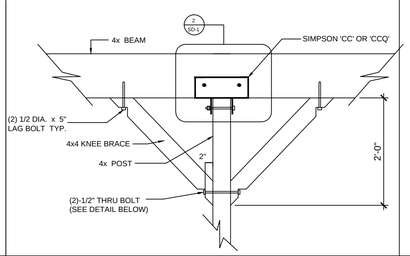
D12



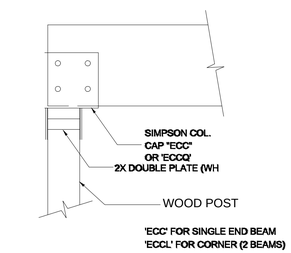
D13 POST TO HIP/VALLEY CONN.



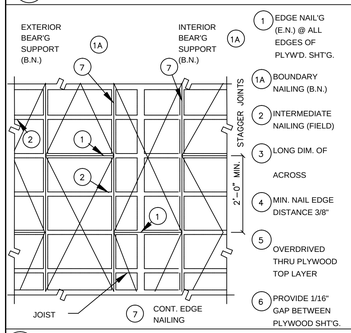
D14



D19 KNEE BRACE AT POST



D20 BEAM-TO-POST



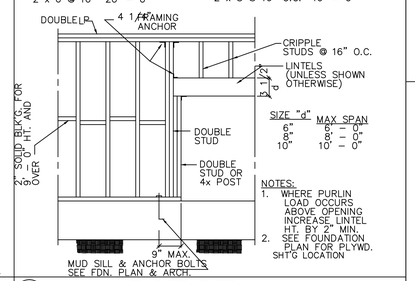
D15 PLYWD-LAYOUT,-NAIL

STUDS (UNLESS SHOWN OTHERWISE)

SIZE	MAX. HEIGHT
2 x 4 @ 16"	14' – 0"
3 x 4 @ 16"	14' – 0"
2 x 6 @ 16"	20' – 0"

CEILING JOISTS, D.F. No. 1

SIZE	MAX. SPAN
2 x 4 @ 16" O.C.	8' – 6"
2 x 6 @ 16" O.C.	14' – 6"
2 x 8 @ 16" O.C.	19' – 0"

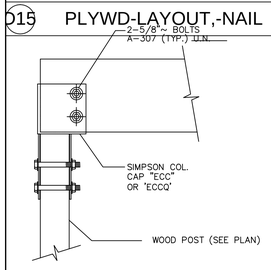


SIZE "d" MAX SPAN

6"	6' – 0"
8"	8' – 0"
10"	10' – 0"

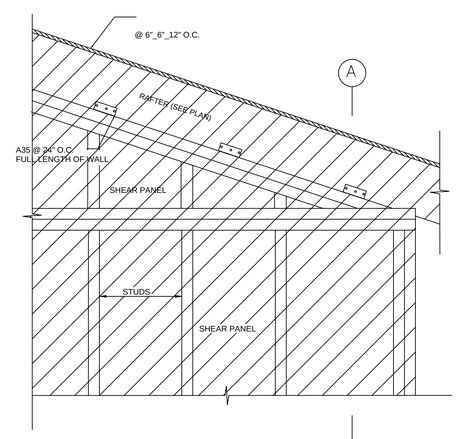
NOTES:
1. WHERE PURLIN LOAD OCCURS ABOVE OPENING INCREASE LINTEL HT. BY 2" MIN.
2. SEE FOUNDATION PLAN FOR PLYWD. SHT'G LOCATION

D16 HEADER-DETAIL



D17 POST-TO-BEAM

D18



D23 SHEAR-TRANSFER

TABLE 23–II–B–1 NAILING SCHEDULE

CONNECTION	NAILING[1]
1. Joist to sill or girder, toenail	3–8d
2. Bridging to joist, toenail each end	2–8d
3. 1"x6" (25mm x 152mm) subfloor or less to each joist, face nail	2–8d
4. Wider than 1"x6" (25mm x 152mm) subfloor to each joist, face nail	3–8d
5. 2" (51mm) subfloor to joist or girder, blind and face nail	2–16d
6. Sole plate to joist or blocking, typical face nail	16d at 16" (406mm) o.c.
Sole plate to joist or blocking, at braced wall panels	3–16d per 16" (406mm)
7. Top plate to stud, end nail	2–16d
8. Stud to sole plate	4–8d, toenail or 2–16d, end nail
9. Double studs, face nail	16d at 24" (610mm) o.c.
10. Doubled top plates, typical face nail	16d at 16" (406mm) o.c.
Doubled top plates, lap splice	8–16d
11. Blocking between joists or rafters to top plate, toenail	3–8d
12. Rim joist to top plate, toenail	8d at 6" (152mm) o.c.
13. Top plates, laps and intersections, face nail	2–16d
14. Continuous header, two pieces	16d at 16" (406 mm) o.c. along each edge
15. Ceiling joists to plate, toenail	3–8d
16. Continuous header to stud, toenail	4–8d
17. Ceiling joists, laps over partitions, face nail	3–16d
18. Ceiling joists to parallel rafters, face nail	3–16d
19. Rafter to plate, toenail	3–8d
20. 1" (25mm) brace to each stud and plate, face nail	2–8d
21. 1"x8" (25mm x 203mm) sheathing or less to each bearing, face nail	2–8d
22. Wider than 1"x8" (25mm x 203mm) sheathing to each bearing, face nail	3–8d
23. Built–up corner studs	16d at 24" (610mm) o.c.
24. built–up girder and beams	20d at 32" (813mm) o.c. at top and bottom and staggered 2–20d at ends and at each splice
25. 2" (51mm) planks	
26. Wood structural panels and particleboard:[2]	
Subfloor, roof and wall sheathing (to framing): (1 inch=25.4mm)	
1/2" and less	6d[3]
19/32"–3/4"	8d[4] or 6d[5]
7/8"–1"	8d[3]
1 1/8"–1 1/4"	10d[4] or 8d[5]
Combination subfloor–underlayment (to framing): (1 inch=25.4mm)	
3/4" and less	6d[5]
7/8"–1"	8d[5]
1 1/8"–1 1/4"	10d[4] or 8d[5]
27. Panel siding (to framing):	
1/2" (13mm) or less	6d[6]
5/8" (16mm)	8d[6]
28. Fiberboard sheathing:[7]	
1/2" (13mm)	NO. 11 ga.[8]
	6d[4]
	NO. 16 ga.[9]
25/32" (20mm)	NO. 11 ga.[8]
	8d[4]
	NO. 16 ga.[9]
29. Interior paneling	
1/4"	4d[10]
3/8"	6d[11]

[1] Common or box nails may be used except where otherwise stated.
[2] Nails spaced at 6 inches (152mm) on center at edges, 12 inches (305mm) at intermediate supports except 6 inches (152mm) at all supports where spans are 48 inches (1219mm) or more. For nailing of wood structural panel and particleboard diaphragms and shear walls, refer to Section 2314.3. Nails for wall sheathing may be common, box or casing.
[3] Common or deformed shank.
[4] Common.
[5] Deformed shank.
[6] Corrosion–resistant siding or casing nails conforming to the requirements of Section 2325.1.
[7] Fasteners spaced 3 inches (76mm) on center at exterior edges and 6 inches (152mm) on center at intermediate supports
[8] Corrosion–resistant roofing nails with 7/16–inch–diameter (11mm) head and 1 1/2–inch (38mm) length for 1/2– inch (13mm) sheathing and 1 3/4–inch (44mm) length for 25/32–inch (20mm) sheathing conforming to the requirements of Section 2325.1.
[9] Corrosion–resistant staples with nominal 7/16–inch (11mm) crown and 1 1/8–inch (29mm) length for 1/2–inch (13mm) sheathing and 1 1/2–inch (38mm) length for 25/32–inch (20mm) sheathing conforming to the requirements of Section 2325.1.
[10] Panel supports at 16 inches (406mm) [20 inches (508mm) if strength axis in the long direction of the panel, unless otherwide marked]. Casing or finish nails spaced 6 inches(152mm) on panel edges, 12inches (305mm) at intermediate supports.
[11] Panel supports at 24 inches (610mm). Casing or finish nails spaced 6 inches (152mm) on panel edges, 12 inches (305mm) at intermediate supports.

GENERAL NOTES AND
STRUCTURAL DETAILS

6940 Longridge Ave
North Hollywood, CA 91605

REV:
Date:
Scale: .
Drawn: .
Job: .
Sheet:

SD-1