INSPECTION GUIDELINES: OSB AND PLYWOOD SHEATHING

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INSPECTION CODE: 004, 006
SCOPE: RESIDENTIAL
CODES ENFORCED: CBC, CRC, CFC, CALGreen, CEBC, CHC, and SMC

The information provided in this document is general and intended as a guide only. Each project is unique and additional requirements may be enforced as deemed appropriate.

☐ Correct span rating based on spacing of rafters, joists, or trusses. (CRC 803.2.2 & (CRC 503.2.1.1(1) or APA E30))

☐ Sheathing less than ½" thickness placed over rafters which are spaced more than 20" on center require plywood clips or blocked edges. Typically, 7/16" OSB with a span rating of 24/16 is used and will not require clips. (Table CRC 503.2.1.1(1))

☐ Braced Wall or Shear wall are nailed per engineered design or conventional framing if not engineered. (CRC 602.3)

☐ Sheathing exposed to weather (underside of eaves) must have exterior grade glue (marked as “Exterior” or “Exposure 1”). Verify Rating Label. (CRC 803.2.1.1)

☐ Minimum prescriptive nailing is 8d common nails at 6” on center at supported edges and 6” or 12” on center in the field. Verify on permit plans for new construction.

☐ Oriented strand board and plywood shall have a gap at abutting edges as per the stamped label recommendation on the sheathing.

☐ At fire-rated walls or eaves check the approved plans for specifications of fire-retardant-treated plywood type and locations.