



# Cut Callbacks with Proper Spacing and Nailing

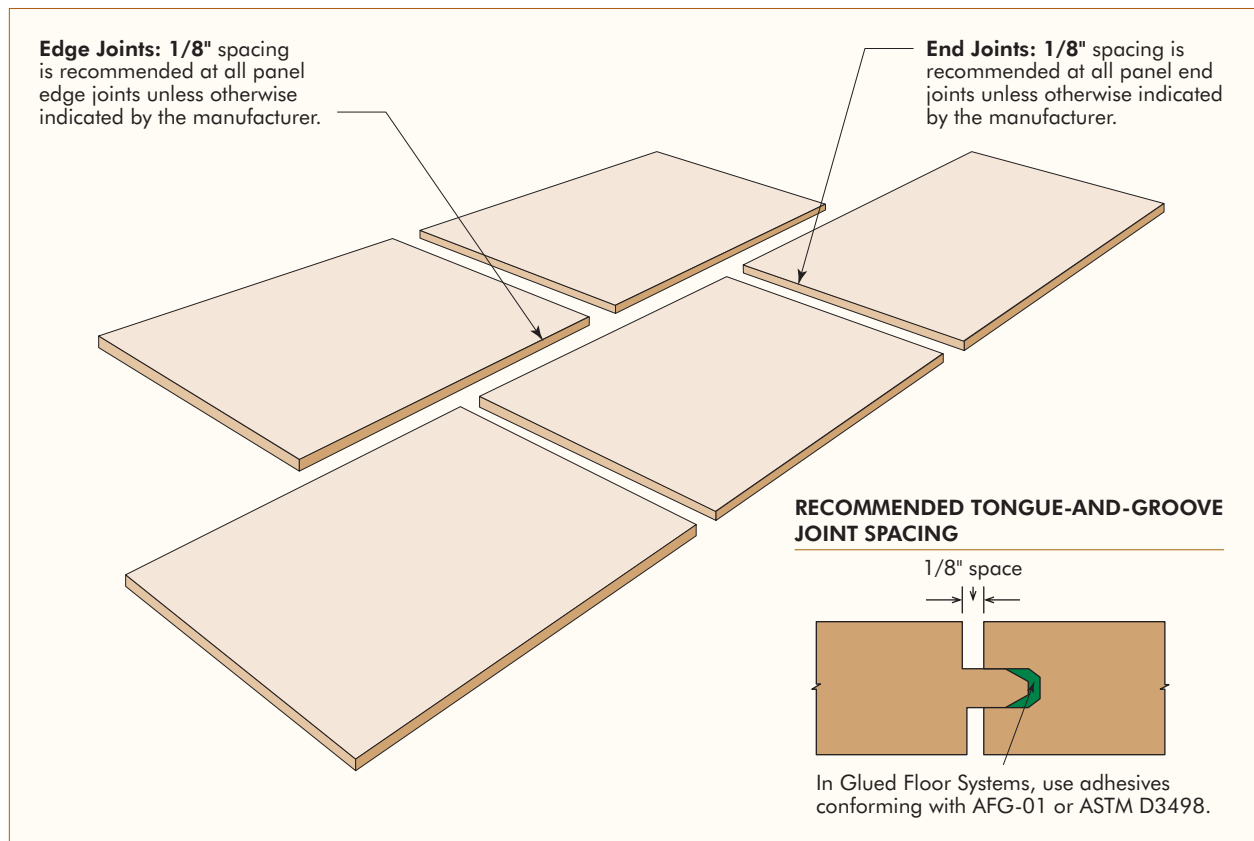
## Spacing Recommendations for APA Rated Sheathing, APA Rated Sturd-I-Floor®, and APA Rated Siding.

Wood structural panels (plywood and OSB), like all wood products, will expand or shrink slightly with changes in moisture content. If expansion is prevented by tightly butted panel joints, buckling can occur. And that can mean costly, time-consuming callbacks. To assure best performance, follow these panel spacing and nailing recommendations.

**Spacing Hint.** A 10d box nail may be used to gauge 1/8-inch spacing between panels. Spacer-type panel edge clips may also be used for roof sheathing applications.

### NOTES:

Panel spacing is an APA **RECOMMENDATION**, to provide installers with a means of minimizing the potential for panel buckling; however, it is not a requirement. Some manufacturers may require a space at the time of installation. Panel buckling may be an aesthetic or serviceability issue but is not a structural deficiency. There is no reason to expect this recommended space to be maintained when the panel becomes acclimated. Gaps that were initially present may have closed due to normal moisture-related expansion. If the flatness of sheathing or flooring panels is acceptable, APA would generally recommend that any finish flooring, siding or roofing be installed as planned regardless of whether gaps are present.



**For additional information, refer to the following APA publications:**

- *Engineered Wood Construction Guide*, Form E30 (Nail sizes covered in Table 5).
- *Technical Note: Temporary Expansion Joints for Large Buildings*, Form U425.
- *Data File: Roof Sheathing Fastening Schedules for Wind Uplift*, Form T325.

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