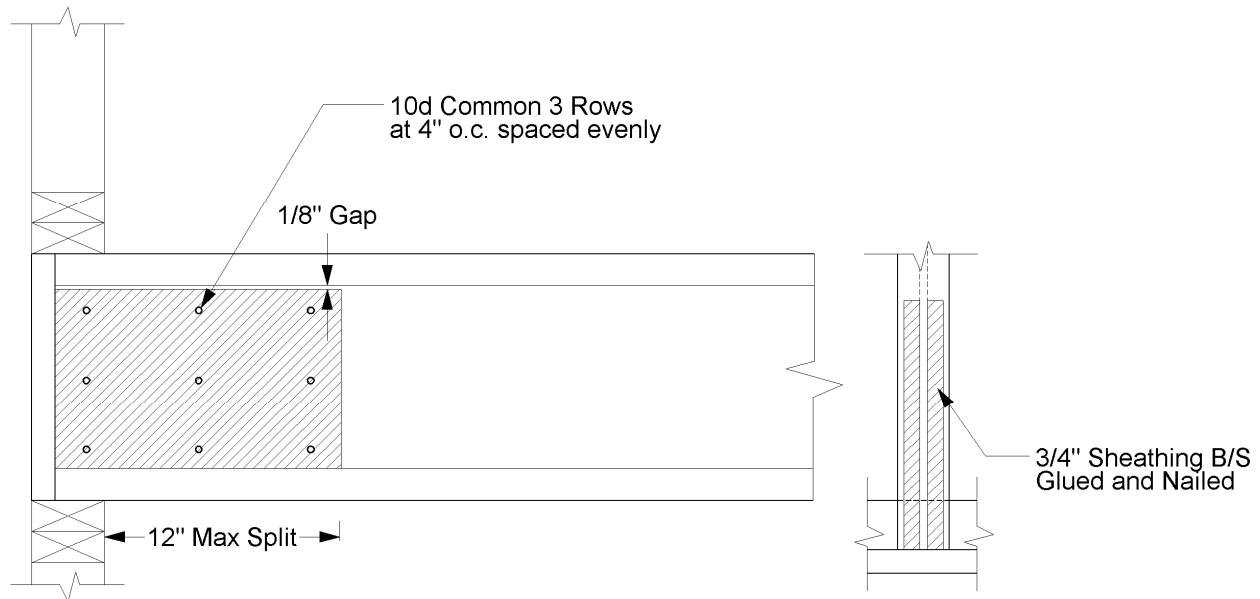


PK-USA PKI Series I-joists

Minor Flange Splits at Bearing

Minor flange splits

When installing PKI Series I-joists, it is common for small splits to occur in the bottom flange at the bearing location. This is often due to toenails intersecting each other when the bottom flange is secured to the plate. To eliminate excessive reaction forces at the joist web, stiffeners can be used to widen the reaction area.



Limitations

The following limitations apply:

1. End Bearing Split cannot exceed 12" in length beyond the inside face of bearing.
2. The split cannot exceed 0.25" (1/4") in width.
3. The effected joist does NOT require a web stiffener under normal conditions.
4. Sheathing can be either OSB or CDX plywood.
5. Installed stiffener must be a minimum 16" long and flush to the end of the joist.
6. Use subfloor adhesive between stiffener and joist web.

Note: If minor flange splits exceed those listed above, a review from a licensed design professional may be required.

If you have any questions, please contact PK-USA for details.

