

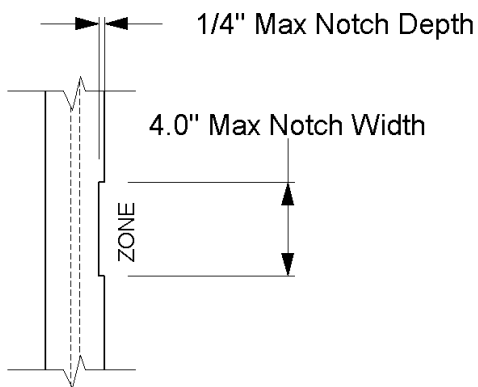
PK-USA PKI Series I-joists

Standard Top Flange Notch Repair

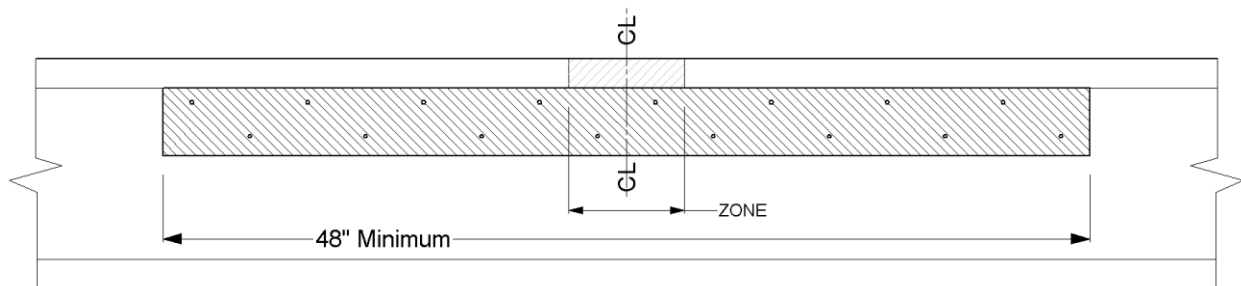
Flange notch repair

While It is common for sub-floor penetrations to occur close to joist locations, it is recommended, when possible, to shift the joist away from such penetration to avoid inadvertent cutting the joist top flange. (see **TB02** *On-Center shift allowance for plumbing*) When this is not possible, or when the joist shift was missed during construction, minor top flange notches on uniformly loaded joists can be repaired in a standardized method provided the location, size and length of these notches are as indicted below.

Notch Dimensions



Repair Location



OPPOSITE SIDE OF NOTCH

Installation Notes

1. Use minimum 2x4 #2 Grade or better.
2. Apply construction adhesive to entire contact surface of reinforcement.
3. Install reinforcement tight to the underside of the top flange opposite the side of the notch.
4. Attach with min 10d common, 2 rows, staggered and clinched @ 6" o.c. or #8 wood screws.

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

