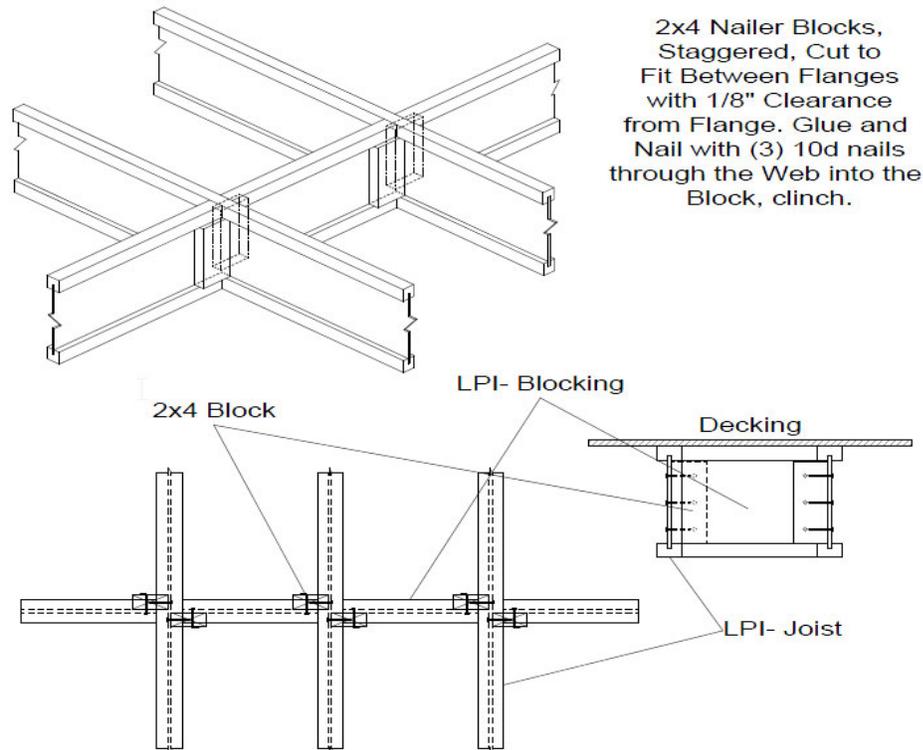


Changing Floor Performance using Mid-Span Bridging with Key Blocks

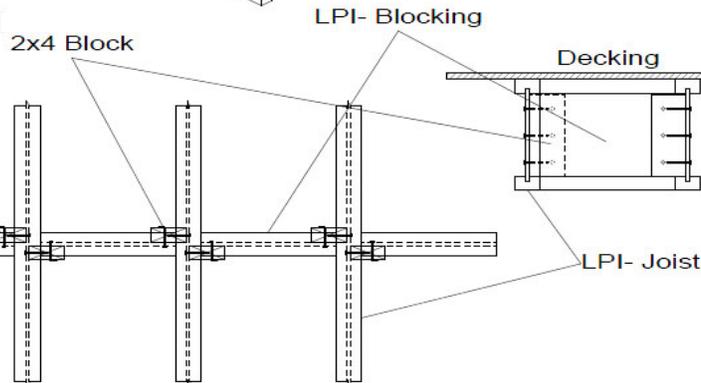
This supplement **MUST** be used in conjunction with a PWT™ Technical Guides

The key to floor performance is managing the customer's expectations. The most cost effective time to manage that expectation is when the floor is being designed. Techniques such as using deeper and/or wider PWT I-Joists, reducing the spacing between joists, substituting PWT LVL under heavy kitchen islands, and installing thicker subfloor sheathing all improve the floor's performance. If the customer's expectations are not met even after completion of framing there are a few additional measures that can be tried, although there is no assurance that once these measures have been used the customer's expectations will be met. If a ceiling has not been installed the addition of gypsum, when properly installed, will change the floor's performance.

Mid-Span Bridging, either at the center or 1/3 span, may improve the floor's performance. The amount of improvement will be subjective and is dependent on the bridging being installed correctly. PWT recommends the use of the technique defined below: using Key Blocks to connect the web of the "Block" to the web of the I-Joist.



2x4 Nailer Blocks,
Staggered, Cut to
Fit Between Flanges
with 1/8" Clearance
from Flange. Glue and
Nail with (3) 10d nails
through the Web into the
Block, clinch.



Our literature is updated frequently, so please visit www.pwtewp.com for the most current version of our specifications.

Document Date: June, 2023
Valid until: June, 2024

Cal. Prop 65 Warning:

 WARNING: Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection. For more information go to www.P65Warnings.ca.gov/wood.

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