

# ADVANCED FRAMING

Cost savings, structural integrity, energy efficiency, waste reduction.

As defined by APA - The Engineered Wood Association, Advanced Framing is a system of construction framing techniques designed to optimize material usage and increase energy efficiency. Tolko's line of T-TEC LSL products are engineered to work with the Advanced Framing system.

## COST SAVINGS UTILIZING ADVANCED FRAMING

Advanced framing is less expensive than conventional framing because it is more resource efficient. By optimizing framing material use, the builder can cut floor and wall framing material costs by up to 30 percent while reducing framing installation labor. Advanced Framing gives you a higher quality outcome at the same or lesser price than conventional framing, so why wouldn't you adopt Advanced Framing on your next project?

## BENEFITS OF ADVANCED FRAMING

- ✓ Cost savings
- ✓ Structural integrity
- ✓ Sustainability
- ✓ Energy efficiency

## ADVANCED FRAMING VERSUS CONVENTIONAL FRAMING

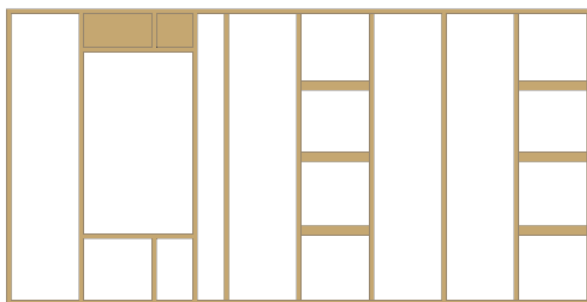
The Advanced Framing method, combined with continuous wood structural panel sheathing, delivers builders with a solution: a cost-effective framing system that will produce more energy-efficient homes without compromising the strength or durability of the structure. These key advantages of Advanced Framing help produce energy-efficient, structurally sound homes with lower material and labor costs than conventionally framed houses. Structures built with Advanced Framing techniques are more resource efficient and offer more space for cavity insulation than similar structures built with conventional framing.

Advanced vs. Conventional Framing



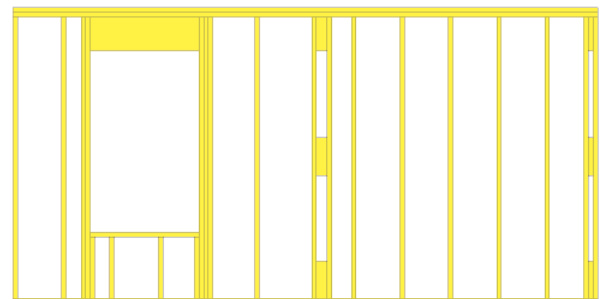
Credit: APA - The Engineered Wood Association

Advanced Framing



Credit: APA - The Engineered Wood Association

Conventional Framing



Credit: APA - The Engineered Wood Association



Our free [Tolko Product Guide](#) app is available for download. Set yourself up for success by finding the best Tolko lumber, plywood, OSB, and EWP products for each application.

## COMPONENTS OF ADVANCED FRAMING

As illustrated by APA, houses constructed with Advanced Framing techniques may include some or all of the following details. Below is an example of how Tolko T-TEC LSL products can be utilized using the Advanced Framing method.

Single or double-ply **T-TEC LSL Headers** leaving room for insulation.

Insulated three-stud **T-TEC LSL Corners** or two-stud corner with ladder blocking.

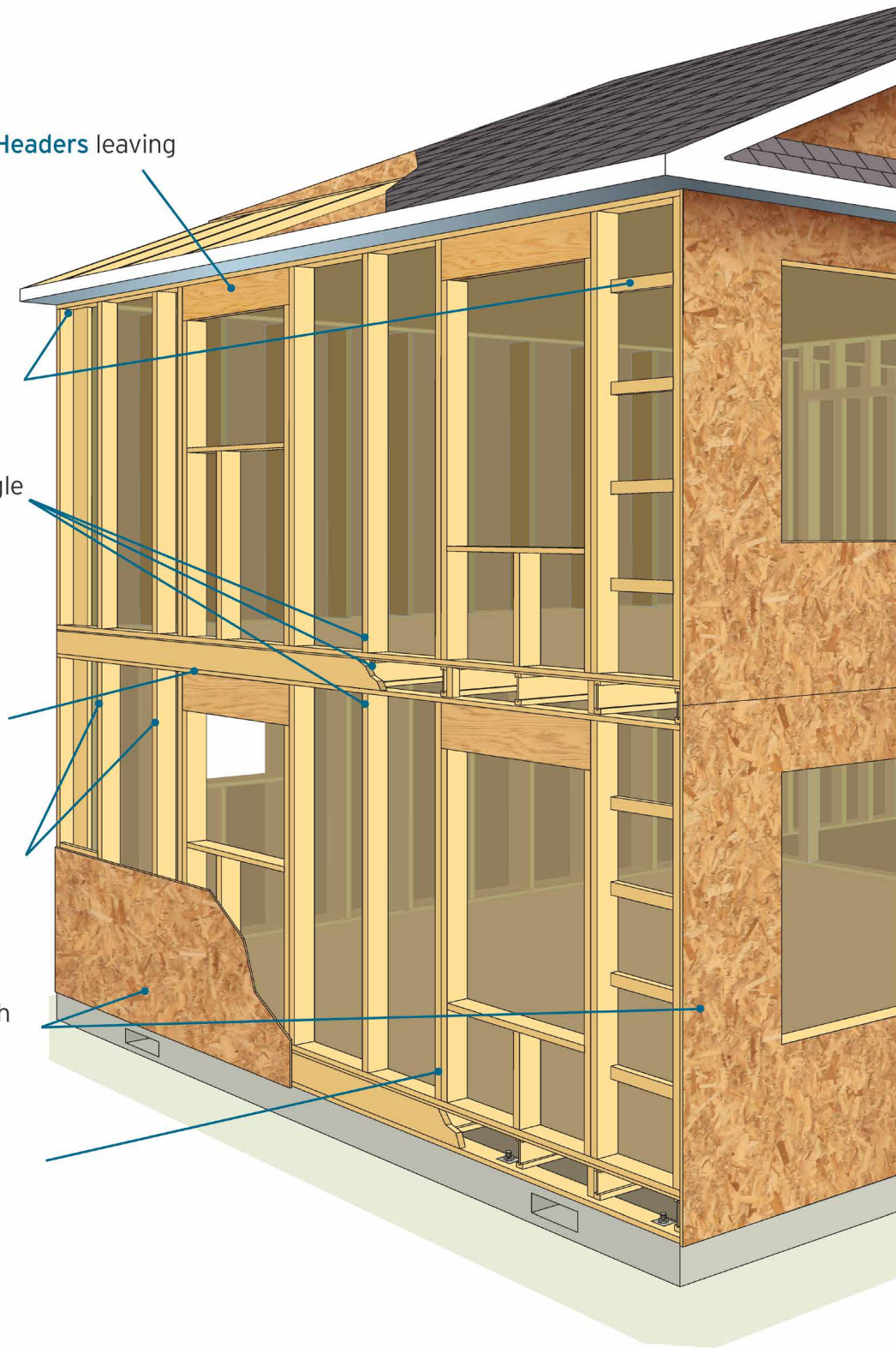
Inline stacked framing when single top plates are used.

Single **T-TEC LSL Top Plates** (when studs and floor joists are all aligned).

**2X6 T-TEC LSL Studs** spaced 24 inches on center (versus 2x4 wood studs spaced 16 inches on center).

Walls continuously sheathed with **T-PLY** plywood or **T-STRAND** oriented strand board (OSB).

Use of **T-TEC LSL** jack studs and cripples around openings only where required.



For additional information about Advanced Framing please visit the APA's website at: [www.apawood.org/advanced-framing](http://www.apawood.org/advanced-framing)

Credit: APA - The Engineered Wood Association

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MADE  
IN  
CANADA  
03.2019

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