

TRUSS SHAPES & DETAILS



EAST
KENTUCKY
METAL

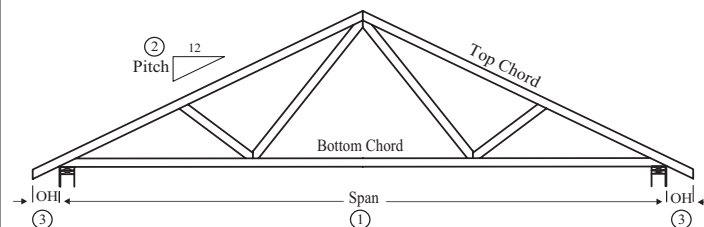
1. **Span** - The length of the bottom chord.
2. **Pitch / Roof Slope** - The vertical rise in inches per 12 inch horizontal run.
3. **Overhang Length** - The horizontal distance from the end of the bottom chord to the bottom edge of the top chord at the end of the overhang.
4. **Cantilever** - The distance that the bottom chord extends past the bearing.
5. **The End Cut of Truss** - Specify plumb cut, square cut or custom specifications for the outside ends of the truss.
6. **Heel Height** - Vertical distance from bottom of bottom chord to top of top chord located at end of bottom chord.
7. **Overall Height** - Total vertical distance from highest point of top chord (usually the peak) to the bottom edge of the lowest bottom chord (does not include overhang).
8. **Bearing Width** - Horizontal length of direct contact provided between truss member and structural support.
9. **Slope of Ceiling** - All or part of the truss bottom chord may be sloped to produce the desired function and appearance.
10. **Seat Cut** - Length of horizontal or flat part of bottom chord at the ends of a sloped bottom chord.
11. **Bearing Height Difference** - Vertical dimension between bearing surfaces occurring at two different levels.

Note: Numbers shown coincide with the adjacent and following truss shape details.

WHEN ORDERING TRUSSES, CONSIDER THE FOLLOWING:

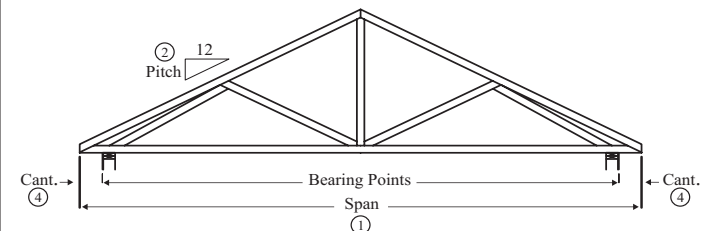
1. **Quantity** - The number of trusses can be easily determined as they are often spaced 24" or 48" on center (O.C.)
2. **Design Loads** - Top Chord Live and Dead Loads, Bottom Chord Live and Dead Loads, Wind Loads, and any other loads the truss may experience.
3. **Gable Ends** - Structural or non-structural, girts or nailers, plywood or OSB sheathing, window openings, dropped top chord, and any other design considerations.
4. **Type of Truss** - Specify the type of truss required: scissor, attic, parallel chords, floor, etc.
5. **Special Trusses** - Specify all dimensions, Cantilever conditions, Heel Height requirement, etc.

Regular Truss



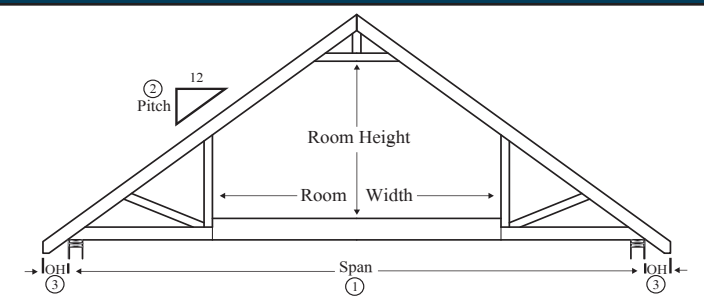
1. Span
2. Slope / Pitch
3. Overhang

Cantilever Truss



1. Truss Length (Bottom Chord Length)
2. Slope / Pitch
4. Cantilever

Attic Truss



1. Span
2. Slope / Pitch
3. Overhang