

# Antique Hand Hewn Timber

April 1, 2008



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Design Professionals to specify this product use the following information:

**product:** Antique Hand Hewn Timber (with appropriate sizes)

**contact:** HistoricWoods by LunarCanyon 801-835-3476 kyle@historicwoods.net

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## Product Description:

1. **Species** Mixed Species; may include Oak, Elm, Hickory, Ash, Maple, Beech, Poplar, Pine, Fir, Spruce, Cedar, others.
2. **Source** Barns, corncribs, stables, mills, homes and other buildings and agricultural structures from different locations in North America
3. **Moisture Content/Stability** Authentic Hand Hewn timbers are generally very dry and seasoned, and are much more stable and less prone to shrinkage than are green timbers.
4. **HC/FOHC** Authentic Hand Hewn timbers are almost exclusively heart center timbers; usually moderate to very tight growth rings.
5. **Metal** Nails, bolts and other fasteners are removed or occasionally cut flush or broken off inside the beam. Staining around nail and bolt holes is common.
6. **Mortise Pockets/Holes** Mortise pockets and notches from the original joinery are common. Nail, bolt, peg and other fastener holes are allowed. The quantity and size of mortise pockets and holes can vary widely from timber to timber, with some timbers containing very few and others containing frequent mortise pockets, notches, peg holes and nail holes.
7. **Checking/Cracks** Authentic Hand Hewn timbers generally have a check from the heart center to one of the faces of the timber. In addition, timbers can have surface checking and cracks, moderate butt checking and minor end splitting.
8. **Surfacing** Weathered (degree of weathering varies); original timber surface was hewn by broad axe or adze, and has been weathered and worn over time; Surface degradation (water damage or surface rot or "punkiness") is common.
9. **Color** Authentic Hand Hewn timber colors vary -- common colors include browns (common for interior weathered timbers), grays (common for exterior weathered timbers) and combinations of browns and grays. Any sort for colors has to involve a range of acceptable colors as consistent coloration is not a feature of this product.
10. **Standard Dimensions** a) Cross-sections: to 10x10; b) Lengths: to 16'; c) Square: Authentic Hand Hewn timber dimensions are generally in the vicinity of square (i.e. hand hewn timbers which are significantly wider than they are deep (ex. 6x12) are difficult to come by); d) Size Flexibility: The more latitude the customer can provide in acceptable timber sizes, the better able Trestlewood is to meet the customer's timber needs in an economical and timely manner; e) Manner of Measurement: Trestlewood rounds cross-section dimensions to the nearest whole inch in tallying board footages (for example, a timber measuring 8.25" x 8.5" would be tallied as an 8" x 9" timber.) Where timbers vary in dimension at different points

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along a given timber, Trestlewood will use its best efforts to average cross-section measurements to arrive at an equitable count. Lengths are billed on actual length shipped.

**11. Available Dimensions** a) Cross-sections: depending on inventory in stock (sizes available in the past include 10x12, 12x12, 12x13 others); b) Lengths: depending on inventory in stock. Please contact your Trestlewood representative for available sizes.

**12. Appearance Variation** Authentic Hand Hewn timbers generally come from a variety of sources. As a result, timber characteristics can be expected to vary from piece to piece. Trestlewood believes that appearance variations (no two timbers exactly alike) are one of the selling points of this product line.

**13. Weight** Depending on species mix. Typically, approximately 3.5 pounds per board foot