# **Usage:**

The Ellis shore can be used to support framework for buildings that require shoring, or used horizontally for trench rescue.

# **Specifications:**

* 4” X 4” Lumber
* Need 2 per shore
* Clamp spacing:
  + 1st clamp:6” from top of bottom 4 X 4
  + 2nd clamp:12” from 1st w/no less than 6” from bottom of top 4 X 4
* Max height:12’
* Max bottom 4 X 4 height:7’
* Rated-6,000lbs @ 10’ and less (approx 4,000 @ 12’)

# **safety:**

* Be aware of surroundings.
* A safety nail should be driven into the upper shore member through the clamps.
* Maximum height is 12’.

# **operations:**

First, get the proper length lumber to make an Ellis Shore of the desired height – that being a 5', 6', or 7’ lower shore member and an upper shore member long enough to achieve desired height plus enough length for 24" of overlap. Attach two Ellis clamps to the lower shore member 12" apart C to C and 6" from the top. Slide the upper shore member along side the lower shore member through the clamps until the desired height is achieved.  Final adjustments should be made with an \*[Ellis Jack Wrench.](http://www.ellisok.com/ellisok/products_jackwrenches.html)  After the desired height is obtained, the clamps on the upper shore should be tapped down (a hammer lug is provided on the casting) to seat them. A safety nail should be driven into the upper shore member above each of the two castings. This nail does not support any load, but simply keeps the clamps from vibrating loose. This is used in conjunction with the \*Ellis Jack Wrench. The Jack grips the wood of the lower shore member and the upper shore member is raised about one inch per stroke through the lifting pressure of the cam at the anchored end of the Jack handle

# **maintenance:**

* After removing, clean debris off clamp and wipe down.