

SHEAR TESTING AT NORTH HOUSE

Fire Tower's tension tester and the bending tester are on extended leave.

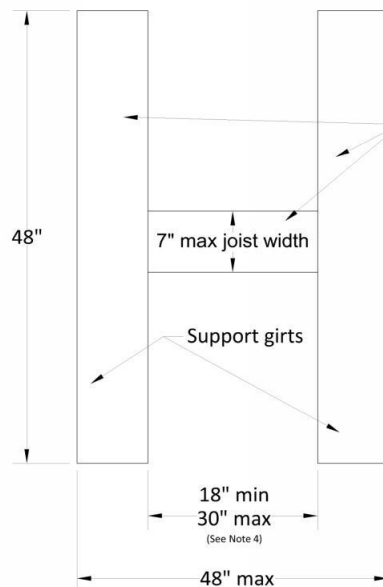
But, we debuted our shear tester last year and it was a smashing success. Besides launching a partial sample out towards the audience, the rig was defeated again by an unusual and large oak timber joint. So, we are taking to the North Central gathering with a newer and more improved tester and an even larger bit of humility.

This rig tests timber joints in shear, an area of interest of ours that is critically important to heavy timber joinery. Just how strong are those joints you use to connect joists, beams and rafters to their mates? As ever, we would love to test your traditional, modern, or flakey connections. We invite you to challenge our rig with your best (or worst) ideas.

The testers reserve the right to eschew testing any sample or stop any test in progress that we determine is unsafe for the rig, the testers or the audience (though not their reputations). Of course, we might not...

If you have any questions regarding what we safely might test, please contact Joe @ 906-379-0520 (joe@ftet.com). Let us know if you are bringing a sample, so we'll make sure to have time to test everything.

Testing Sample Dimensions



Note 1: Assembled sample must fit w/in a box 12" D x 48" W x 48" L

Note 2: (3) timbers with maximum assembled depth of 12" joined in this "H" configuration (at 90°) using traditional or modern means--wood or metal

Note 3: Joist must be less than 7" wide and centered on support girts

Note 4: There must be a minimum of 18" between inside faces of support girts. Best spread is 3 times the depth of the joist

