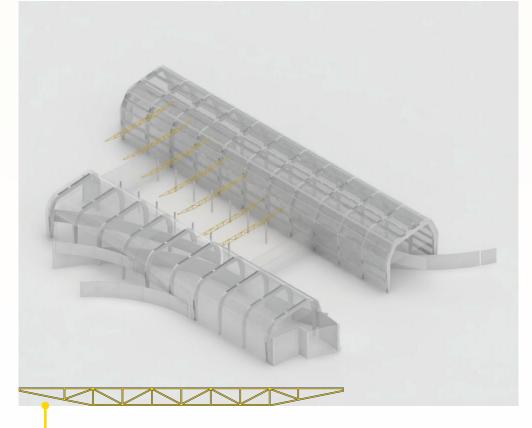




The huge glulaminated structure is a three-point arch spanning almost 60 feet. Each of the glulams are 5-foot deep at the deepest part. The ribs accommodate the large open floor needed for boat building program and is, itself, inspired from wooden boat hull design and construction.

## Lateral Support

Besides the cross-bracings (that happen and are visible throughout the building) and structural cores (two on each wing), the glulaminated wood beams run horizontally covering all the ribs for more structural support.



## Steel Truss

In between the two wings of the building where the boat making occurs, the structure is of steel columns and trusses that span 50 feet and cantilever 20 feet on each side. A gantry system is also supported by the columns and trusses at this

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