

unique joints that are required. This further level of optimization would seek reduce the complexities on site even further to make the system more valuable.

The project team is working on a full scale test model of the shell system with a metal fabricator in the Pearl River Delta region of China. The fabricator has a range of CNC driven cutting and folding tools that will be tested with various types of sheet metal material. The authors will seek to test various ways of cutting or scoring the sheets so that they can be hand folded on site. Test nodes will be used for empirical structural testing to compare with digital structural analysis. Embedding simple instructions for assembly is a critical part of this research project. The authors will work with teams of workers to find simple ways to remove complexity of assembly from an otherwise complex structure.

References

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