LV Series Homes
OUTin House

Comparative Analysis

Prefab Construction

Assembling components of a structure in a factory or other manufacturing facility is becoming more of a feasible option for homeowners looking to build. Transporting complete assemblies or sub-assemblies to the site where the structure is to be located presents many advantages compared to conventional construction. The LV series homes and OUTin House are examples of prefab, yet they have two different approaches. While the LVs are designed to have only stud and OSB wall panels assembled in the factory, the OUTin House has utilized the ability to construct individual modules with more components prior to delivery, including windows and insulation. This approach reduces and streamlines the construction process even more, but poses more challenges in transportation to the site. The LV wall panels are flat packed for transportation efficiency and still require more on-site general contracting, although the simplicity of the designs allow for precision and speed on the job site. With sustainability rising in importance, the processes of different prefab solutions can be utilized to continue increasing environmental awareness while reducing overall costs.

Images:
2. Plans, sections courtesy http://www.nocioromoer.com/
3. Program diagrams courtesy Jeff Wilkins
2. Exploded Axon drawing courtesy Jennifer Galley
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