



Compact decagon footprint means less ground area is impacted.

CONSTRUCTION PROCESS

The unique design of the Haven enables us to enclose a similar amount of interior volume, while using 30% less materials, than a typical rectangular structure. It also reduces the time needed for construction. When placed on a concrete slab, the Haven can be constructed to a weather tight shell in as little as 28 days. The triangular panels used to form the exterior shell, can be built on site, or prefabricated in a warehouse. The small footprint of the Haven means less disturbance of the existing land.



Triangular panels used for the exterior can be fabricated off site.



Triangular wall panels fit together to form an incredibly strong structure.



Central core area is constructed separate from the exterior walls.



Second row of panels connect to the central core, which locks it all together.



Symmetrical shape creates even load paths, resulting in extra structural stability



Five top panels lock together to form the roof. Pentagon = Golden Ratio.



The finished Haven is unique in appearance, and efficient in both construction costs, and energy use.