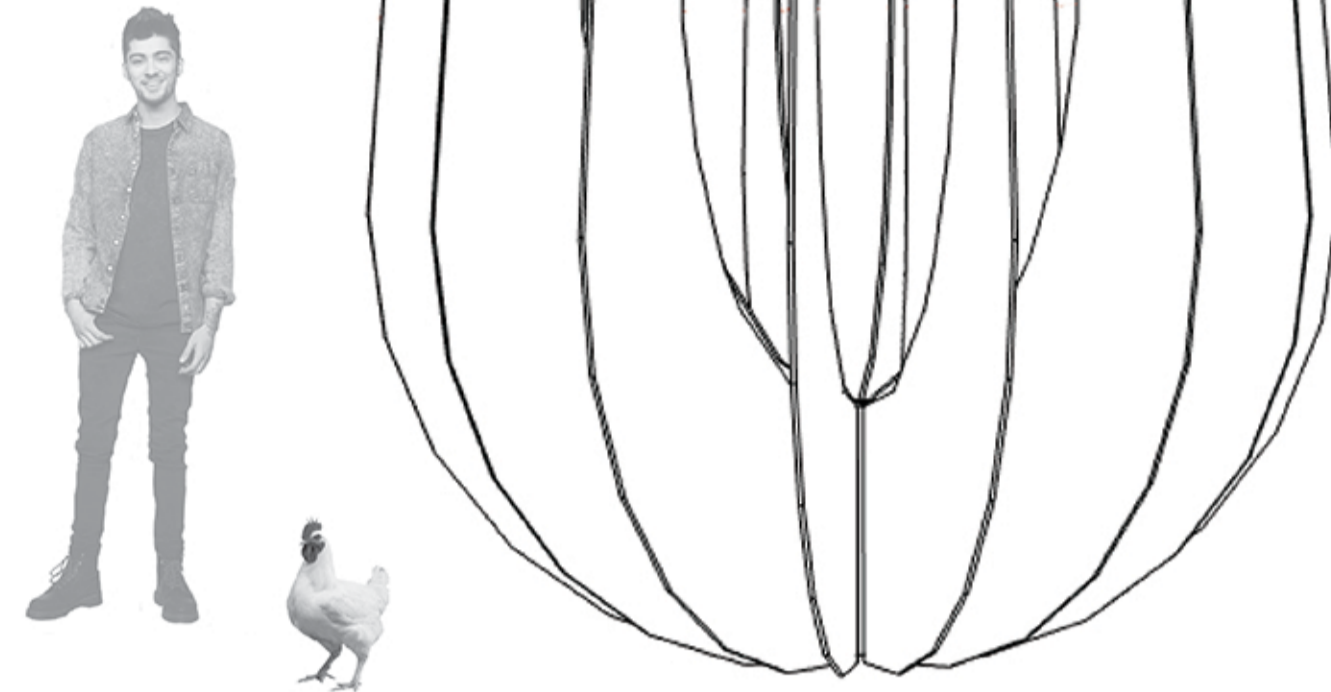


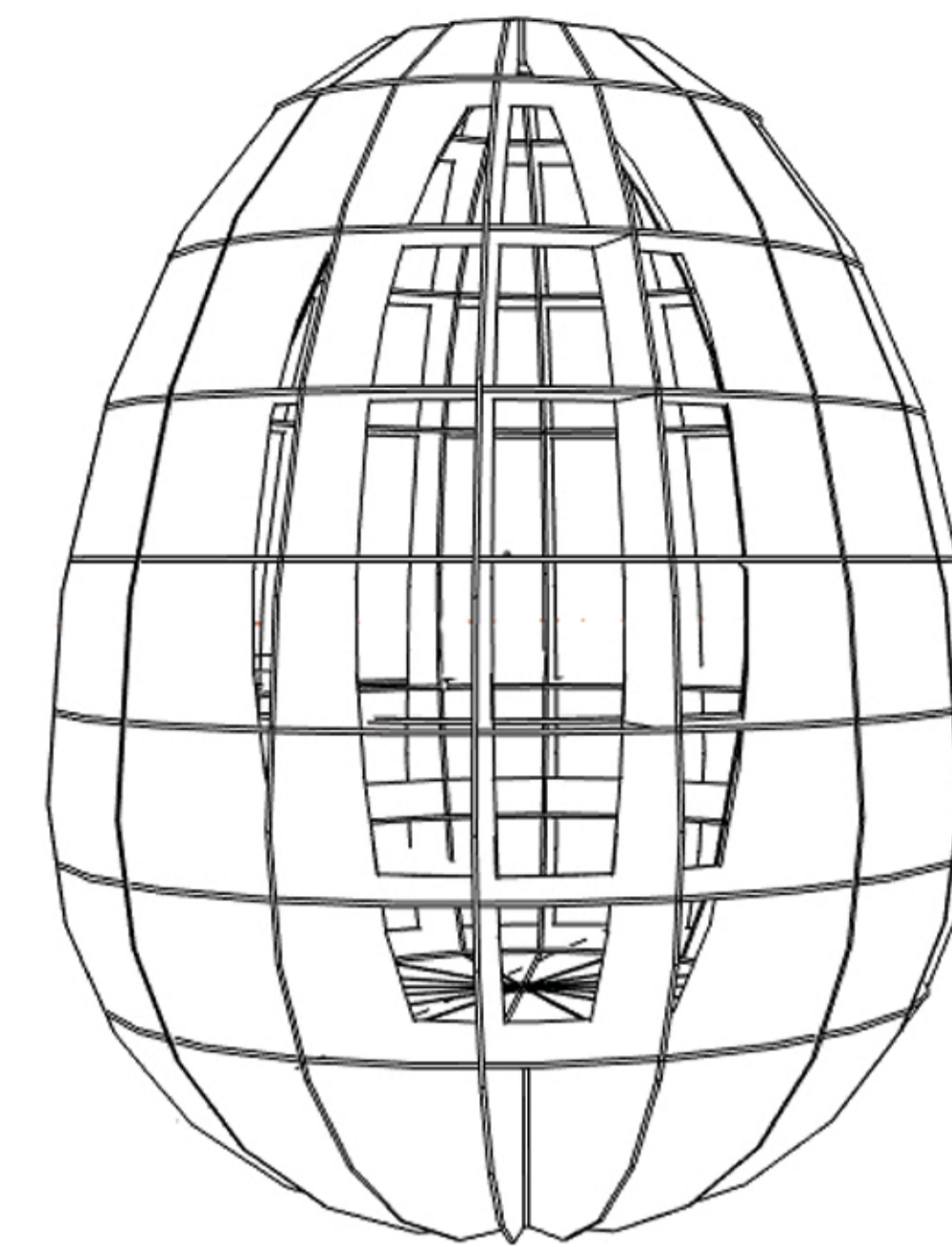
**THE EGG SHAPED FRAME**

COOPx are mobile hen houses that only could be found at Fly Ranch. A dazzling orb on the landscape, COOPx are designed to be mobile, and are a perfect addition for the first phase of development for the Fly Ranch property. The frame of a COOPx is based on the shape of an egg.



**THE IDEA IS HATCHED**

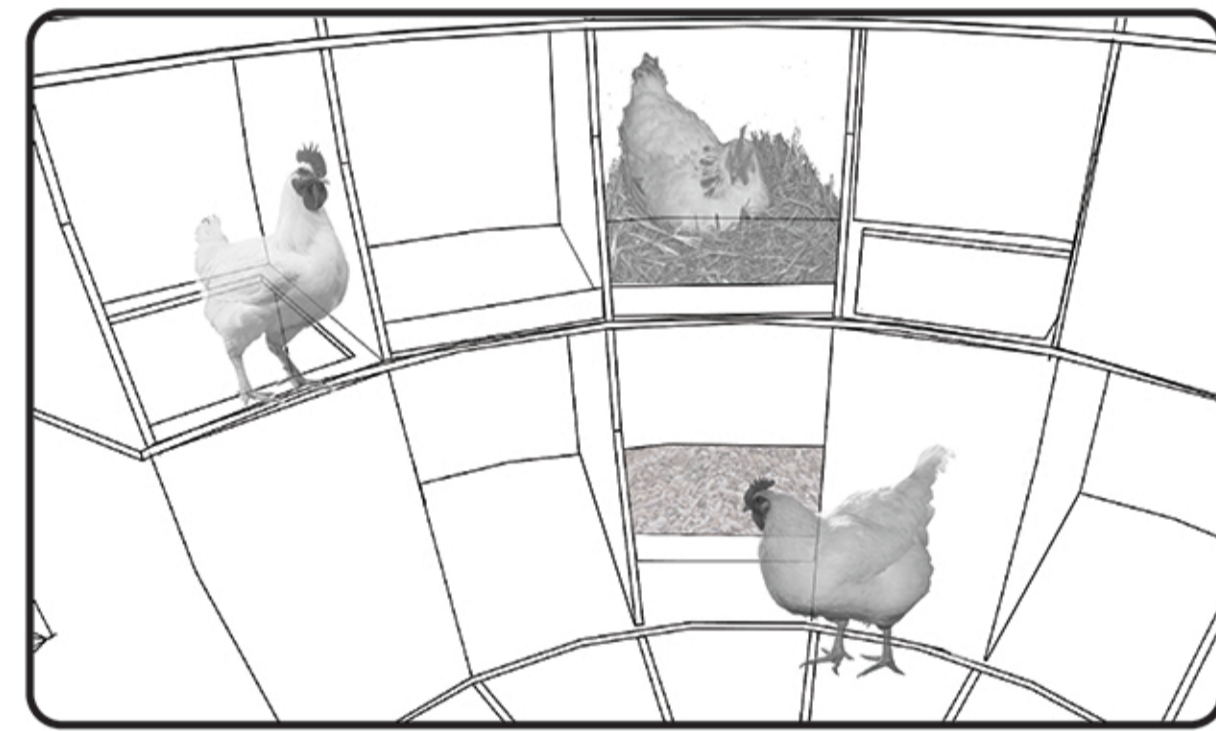
Modularly built, the vertical plywood spines of the piece radiate on axis to form the volume of the hen house. While dynamic in shape and scope, COOPx is pragmatic in its production, utilizing a simple construction methodology with standard construction materials.



**THE COOPx FRAME**

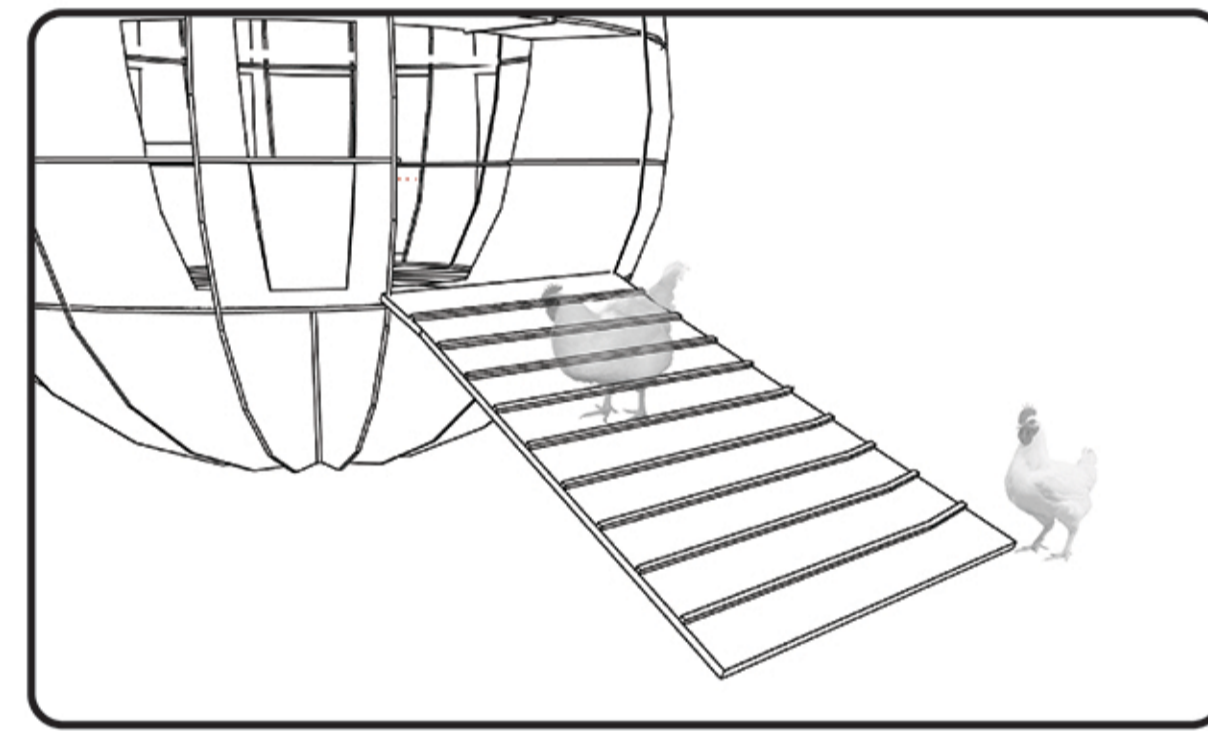
Horizontal slats are then added to the frame to stabilize the structure and to add surfaces for nests and roosting bars. The inside of a COOPx functions like any small-scale family farm hen house, with a secured space providing food and water stations.

THE **Coop<sup>x</sup>**  
MOBILE HEN HOUSES  
FOR FLY RANCH



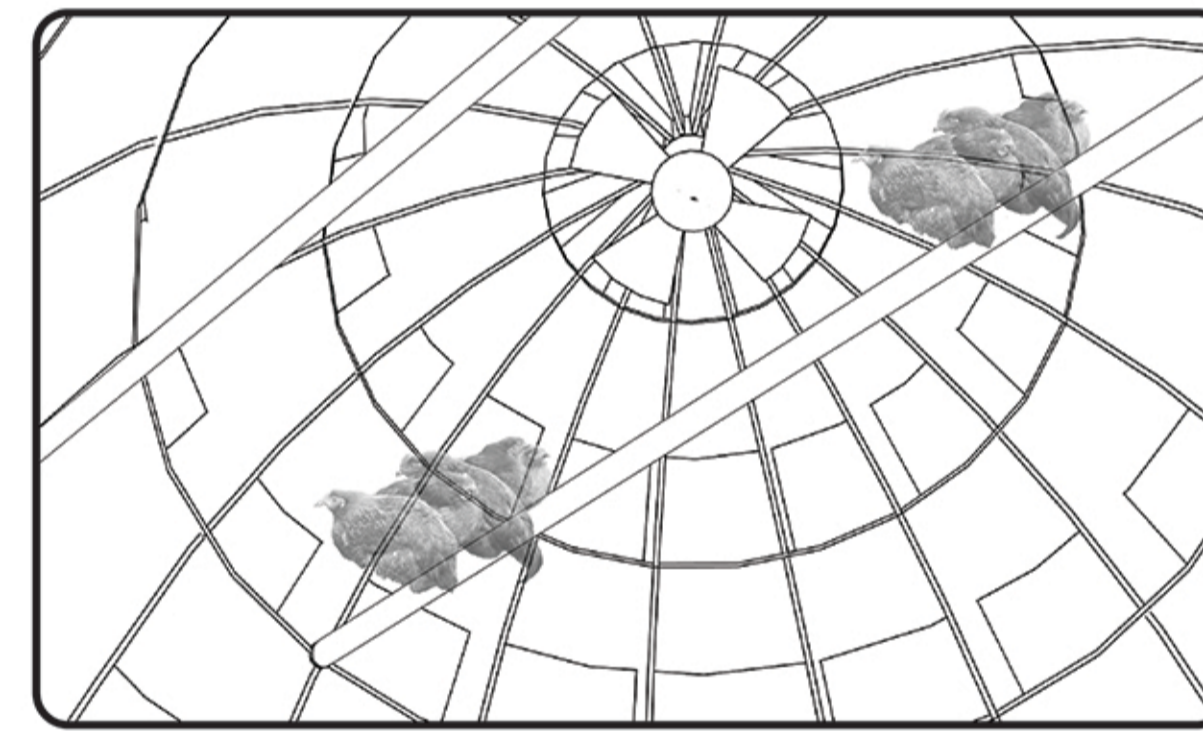
**NESTING**

The spines of the structure define the nesting cells. The lower level of the COOPx serves for the water and feed.



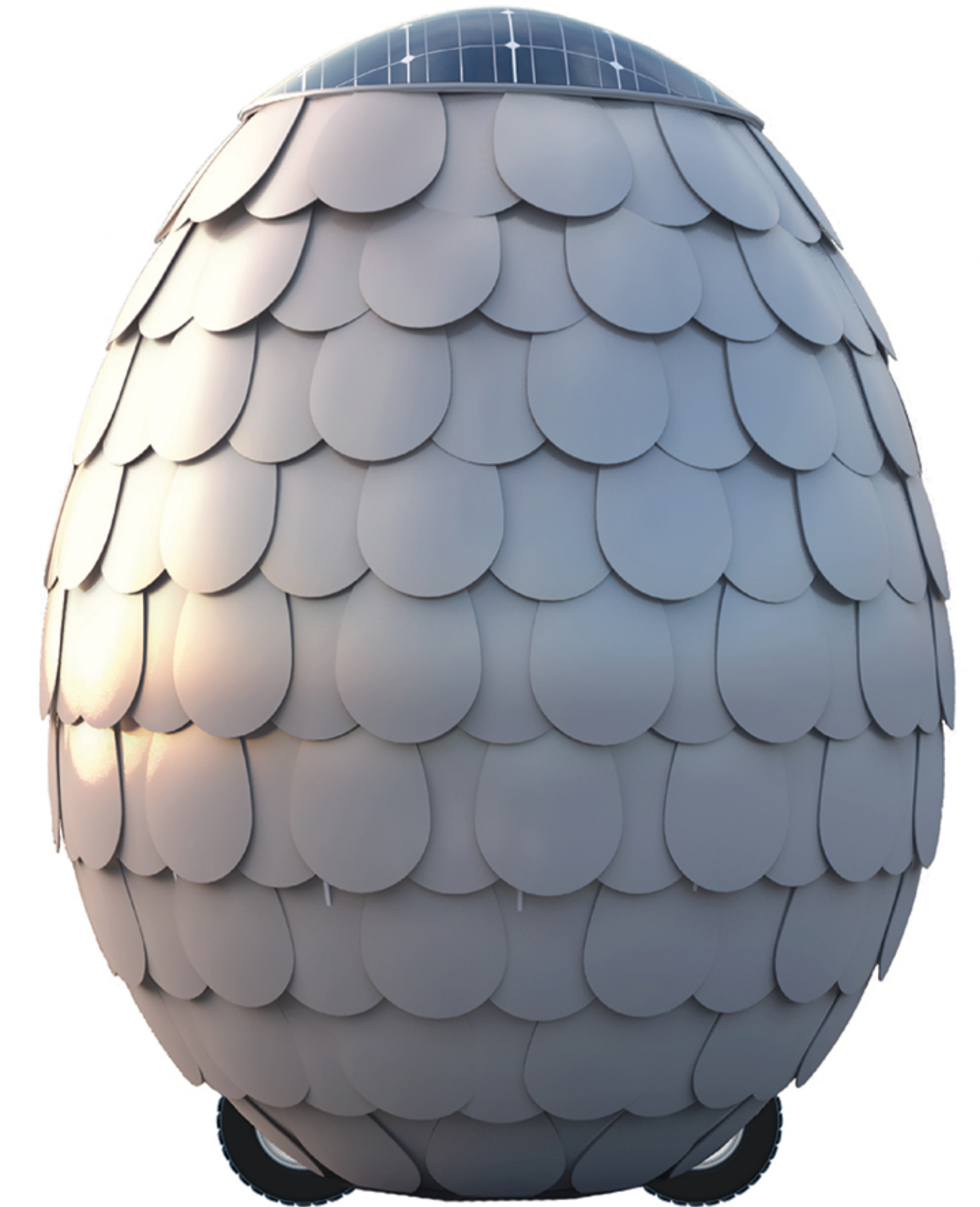
**ACCESS**

The entrance to the COOPx is through a small door that, when opened, serves as the entry ramp for the chickens. It is large enough for the average adult to crawl through for semi annual cleanings.



**ROOSTING**

A web of roosting bars is located within the volume of COOPx. For added cooling in the summer months, a ventilation fan can be placed at the top of the COOPx.

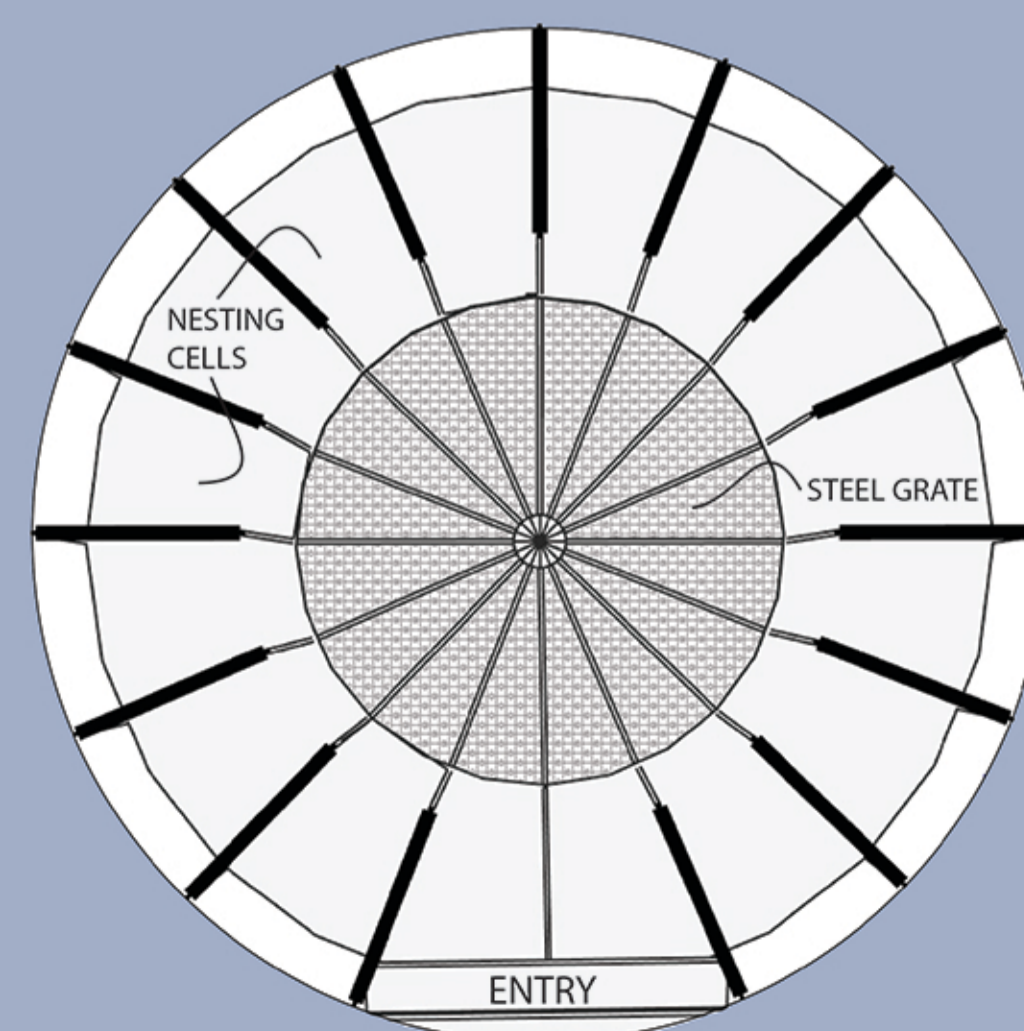


**THE COOPx**

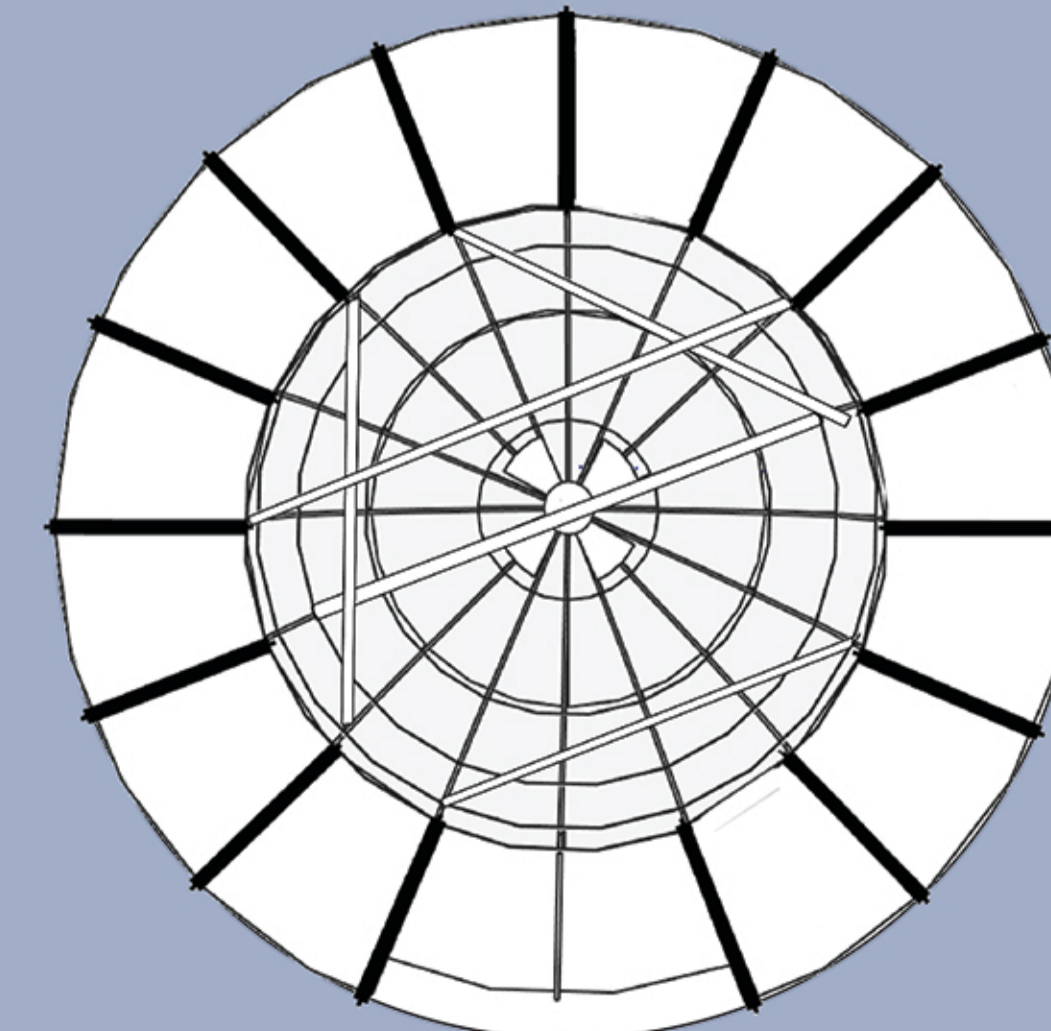
The exterior is tiled with aluminum paneled 'scales', patterned like the breast of a hen. Like a cap upon its top sits a series of solar panels to power the LED lights and the winter water heater.

**PORTABILITY**

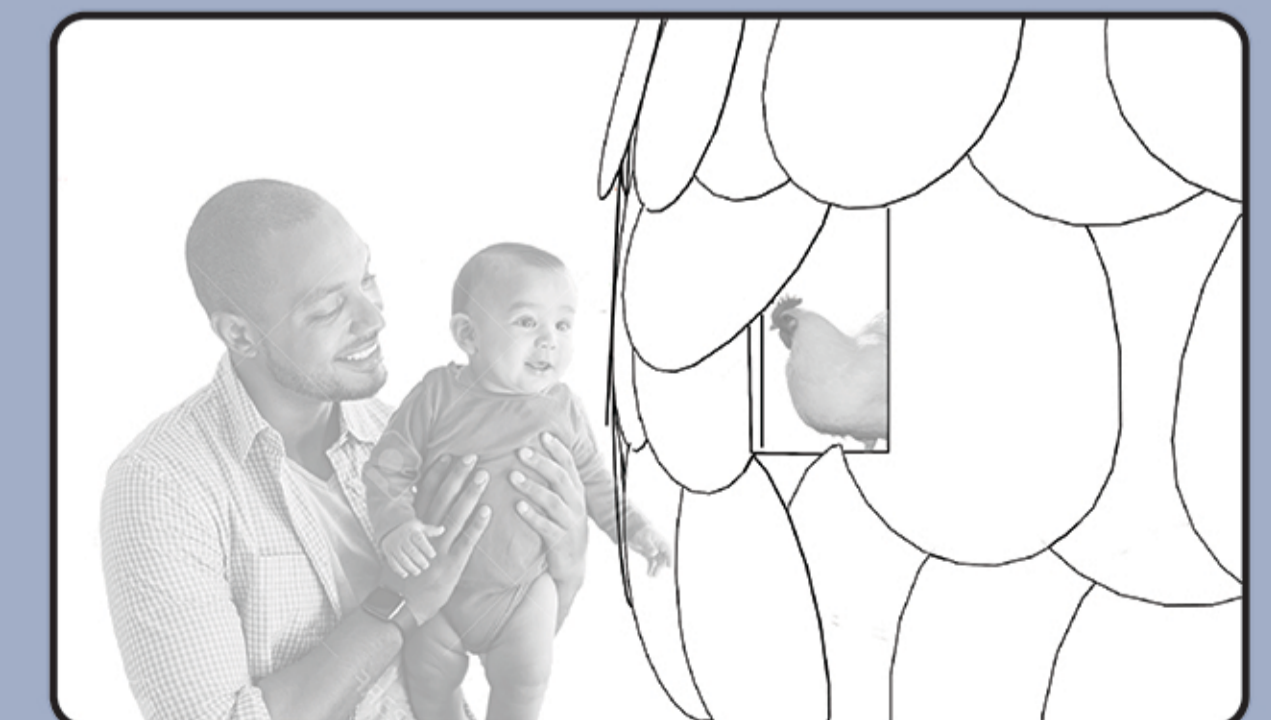
Because a COOPx can be moved with a simple tractor, these pieces could be taken to nearby Gerlach, and used as an "egg stand" or a demonstration house for small scale farming practices.



**FLOOR PLAN**



**ROOSTING PLAN**  
-LOOKING UP-



**COLLECTING**

COOPx is managed from the outside. For collecting the freshly laid eggs, at key locations around the perimeter of the COOPx, aluminum panels are designed to rotate providing easy access to the nests. Water and food can all be refilled with ease from other access flaps.