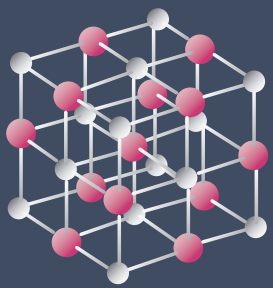


SALT

STRUCTURE



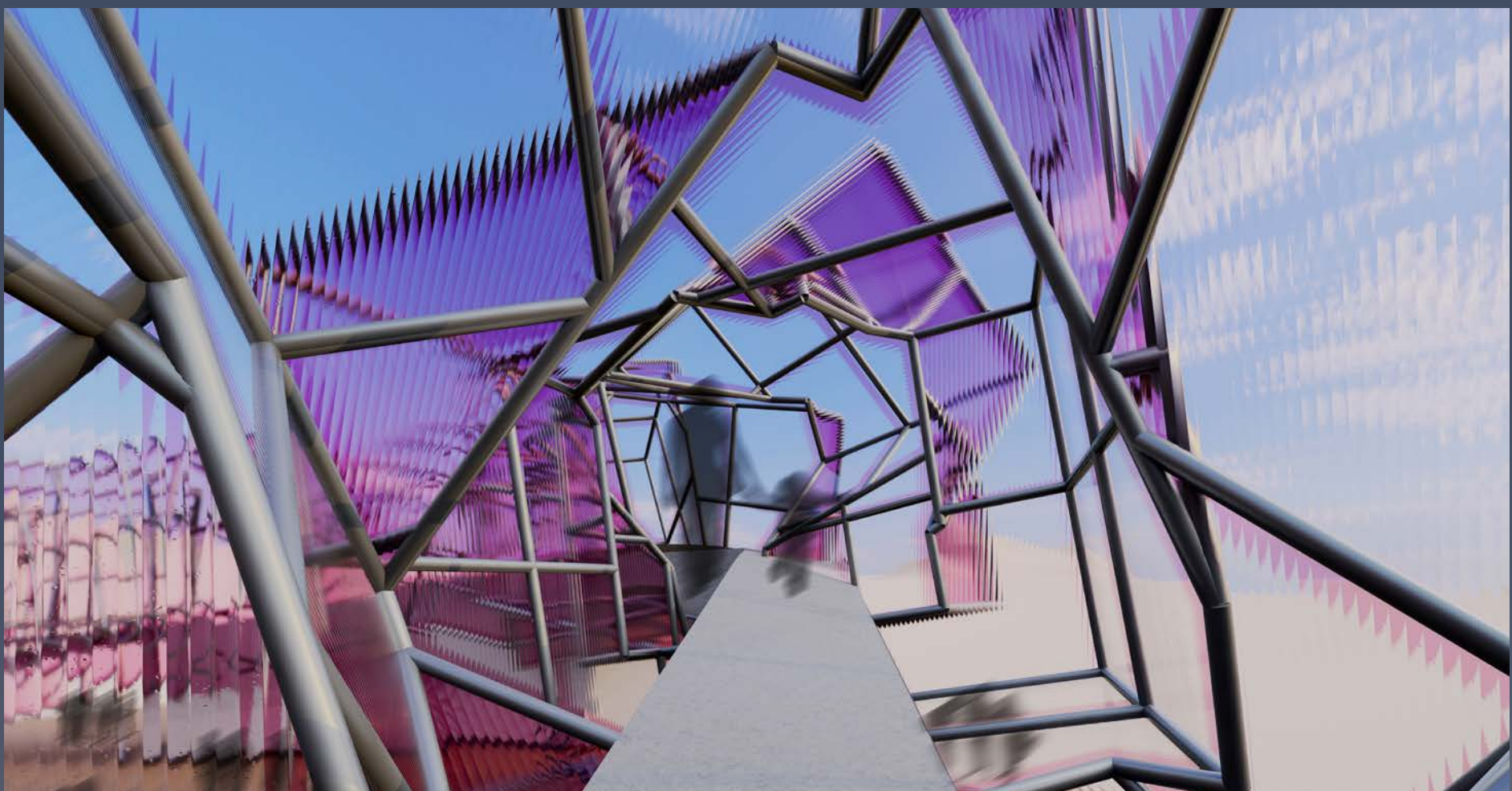
ACCUMULATION



PLAYA SALT PAN



SALT PAVILION INTERIOR



The Playa's Salt Pavilion

Inspired by the flexible nature of the organisms that thrive in the unique conditions within the playa, the *Salt Pavilion's* design is directly influenced by the formation of salt crystal accumulation.

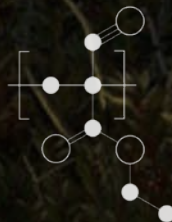
The pavilion accommodates large scale programming and generates energy through the inclusion of solar panels, which serve as the structure for the halite "crystals" atop the salt base.

The base of the structure can be built from assembled panels using salt sourced directly from the playa via a process of collection, processing, and construction by volunteers and community members.

SALT PANEL CONSTRUCTION PROCESS



Harvest Crystallized Salt Crust from Playa Surface



Combine Components to Create Salt Panels



Pour Mixture into Panel Molds



Bring Community Together to Construct Pavilion

ORGANIC SALT-BASED SOLAR PANEL TECHNOLOGY

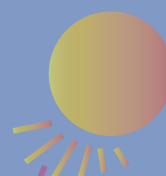


LUMO Solar Panel converts sunlight into power

4



LUMO Solar Panel



1

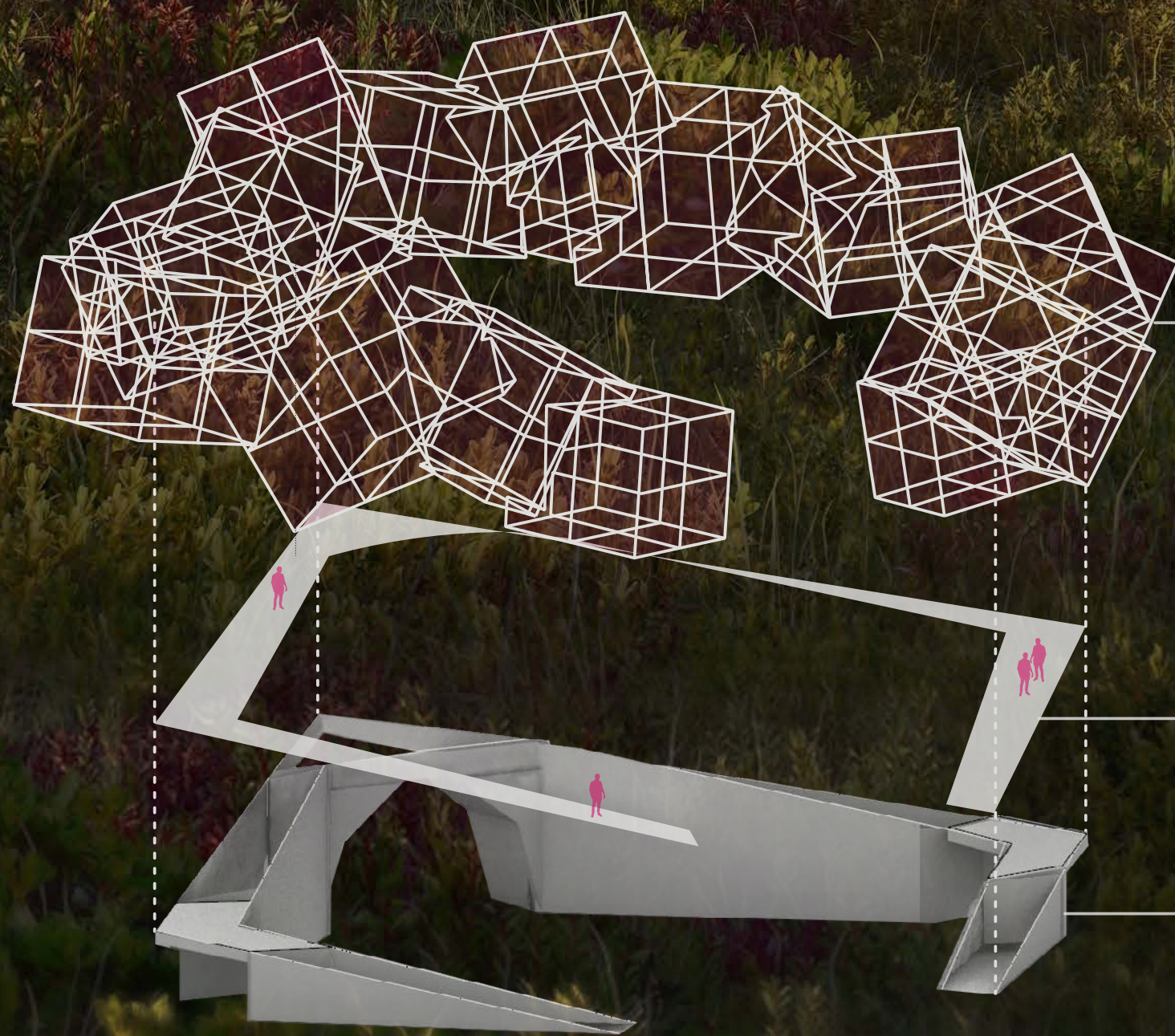
Emits red light on plants for growth

2

Luminescent interlayer converts light color from to red

3

Red light increases power of solar cell



Solar Panel Cubes

Ramps

Base

SYSTEM SOLAR ENERGY PRODUCTION

SOLAR CUBE SCULPTURE	14.50 MWH
BOARDWALK	373.02 MWH
HOUSING ROOFTOPS	133.98 MWH
GREENHOUSE	88.77 MWH
TOTAL PRODUCTION	610.27 MWH
TOTAL RESIDENTIAL CONSUMPTION	(105.12 MWH)
TOTAL GREENHOUSE CONSUMPTION	(38.23 MWH)
TOTAL CONSUMPTION	(143.35 MWH)
NET SITE ENERGY PRODUCTION	466.93 MWH