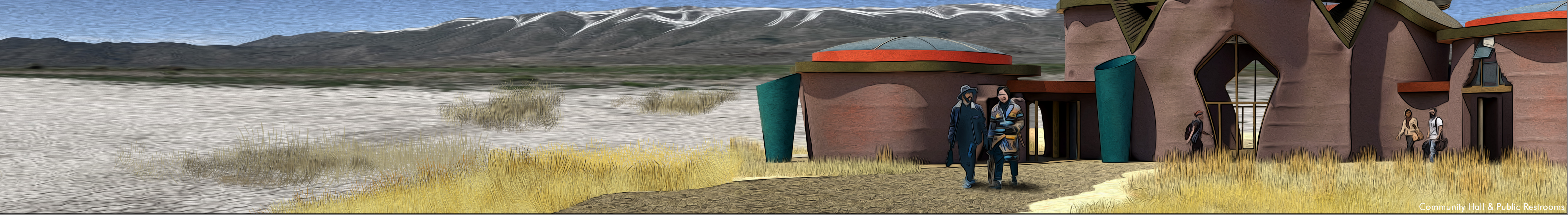


# Sedge City

An open-ended, fractal village of self-similar spatial/thermal modules



Community Hall & Public Restrooms



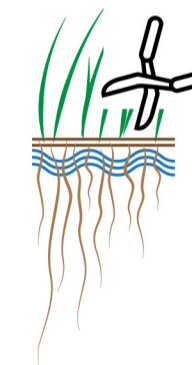
The fusion of three proven prototypes creates a sustainable settlement:

1

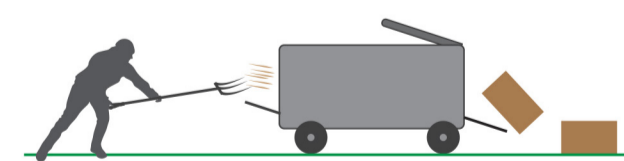
## BALE CONSTRUCTION

Regenerate perennial sedge wetland previously drained and cleared for alfalfa and grazing

Harvest local sedge for key building material



Develop custom sized sedge bales

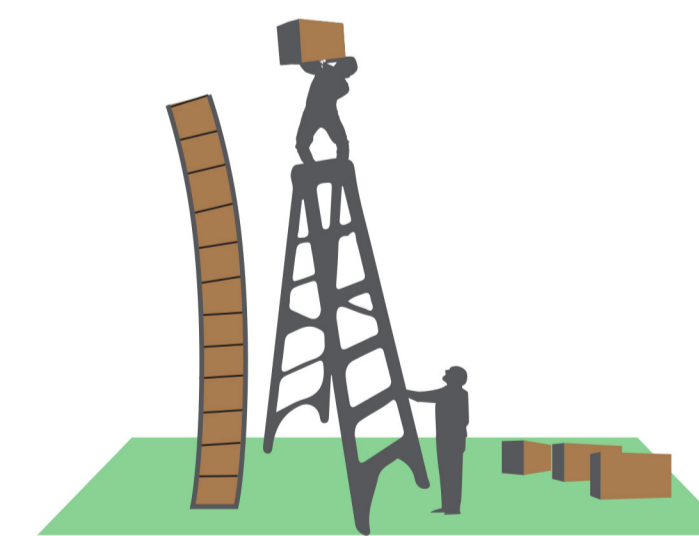


2

## VERTICAL SHELLS

Stack sedge bales

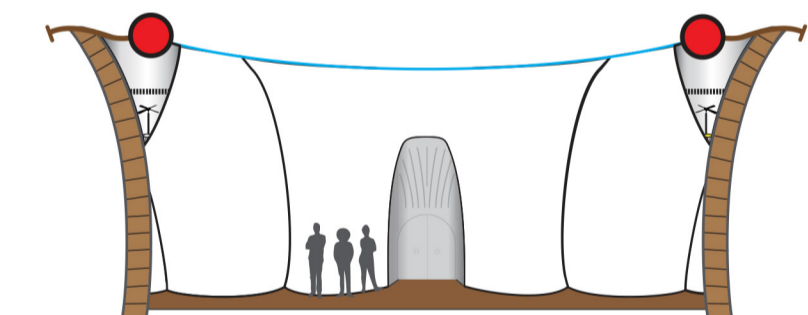
Coat sedge bales with Puzzalano cement to create strong double shell structure



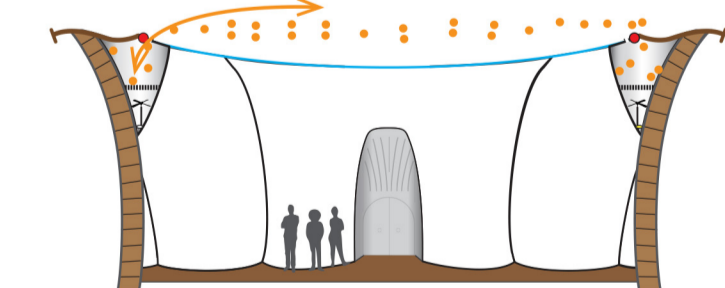
3

## ROOF POND

Add steel tension ring and inverted fiberglass dome



Assemble intermittent insulation system



Add glass dome and fill roof pond

