



- ENERGY
- WATER
- FOOD
- SHELTER
- ReGENERATION/ReCOMPOSITION
- (ZERO WASTE)

### the Fly Ranch Artists-In-Residence Modular House

Design Intentions / References & Precedents  
 Applying The Lessons We Haven't Learned Yet

In response to current critical issues of global climate change and the need for well-designed affordable housing structures, this modular house offers a prototypical solution for sustainable growth in a variety of situations at Fly Ranch, ranging from a Cultural Resource Center and Guardian's Residence near the Fly Geyser to one or more live/work studios to form collective compounds for Artists in Residence at other locations within the designated Yellow Zone Primary Site Areas.

The design of the Fly Ranch Artist-in-Residence Modular House embodies ideas found in the sailboat, the railroad car; and the Apollo Lunar Excursion Module (LEM); all prototypical models I have studied from childhood throughout my career as a poet, a graphic designer & an Architect. They all share strict technical, functional and dimensional constraints that have produced unusually elegant, enduring & very high quality artifacts. They are all machines for conducting exploration & for living in. These ideals strongly inform my design intentions. During my many excursions to BurningMan & to Work Weekends at Fly Ranch I have slept (& worked) on the ground, in tents & TIPs, & within the friendly hard-shell environment of an Airstream travel trailer. I can go all in on roughing it; but I prefer the amenities a house offers to my well-being & creative spirit.

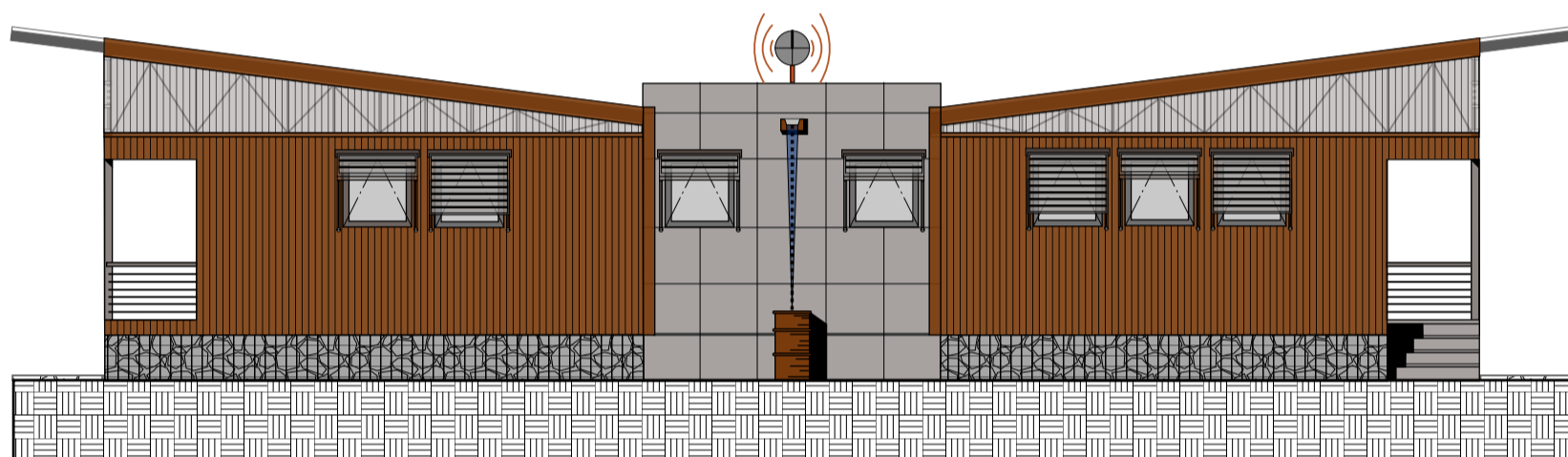
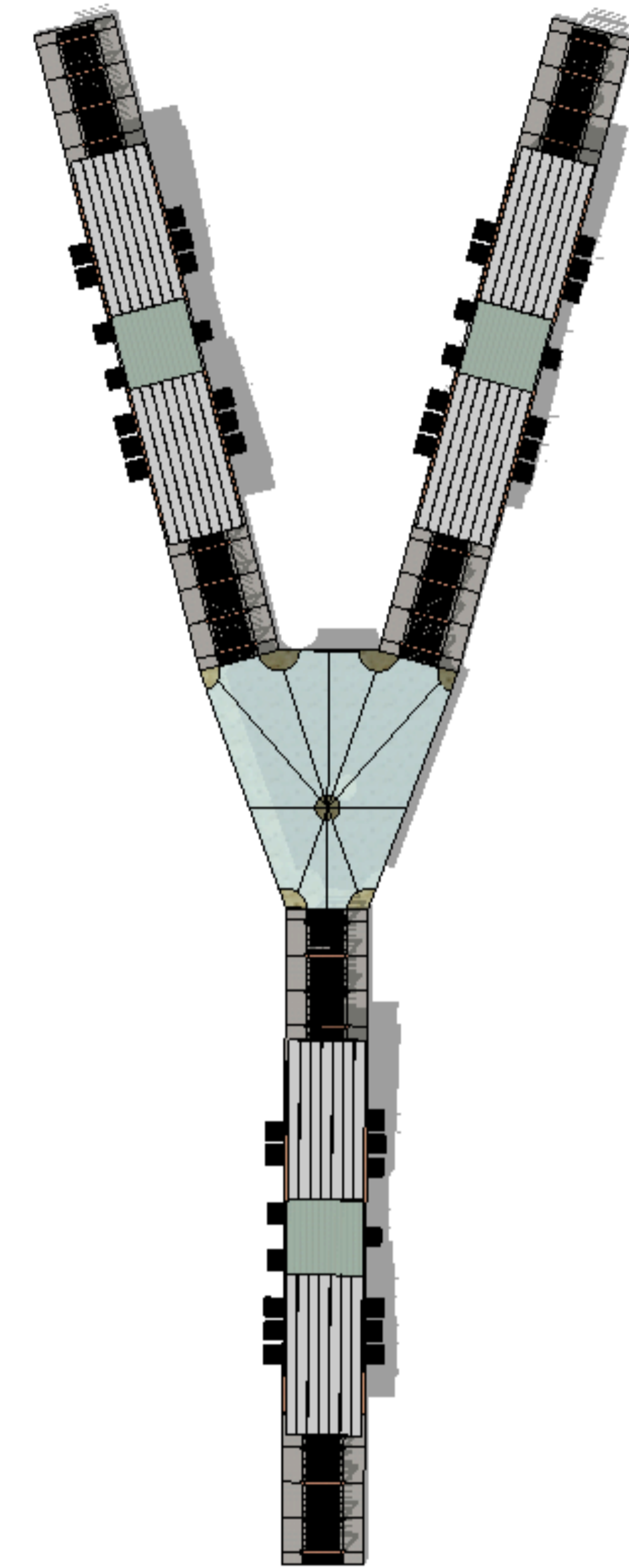
EIMI  
 (Over&Over, from a Difficult Seed)  
 i am a poet and that is saying  
 i am that is a poet is what  
 i am and i am saying so  
 a poet is saying  
 a me is Become  
 and that is saying: YES  
 yes i am  
 a poet  
 i am & i am saying so (what).

Design Intentions / Economic and Ecological Goals  
 Applying The Lessons We Haven't Learned Yet

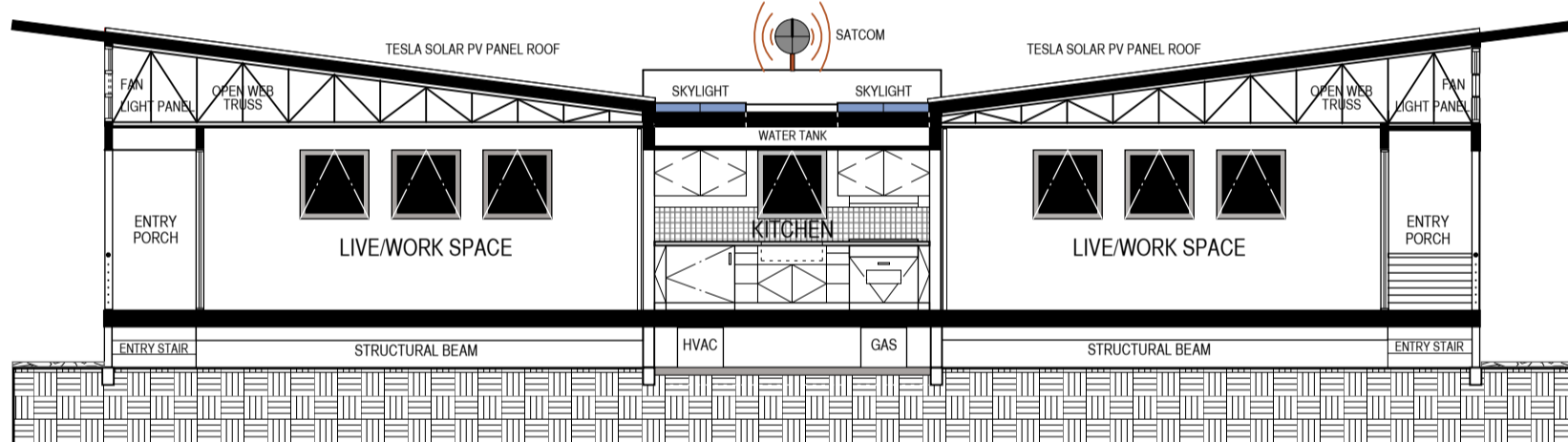
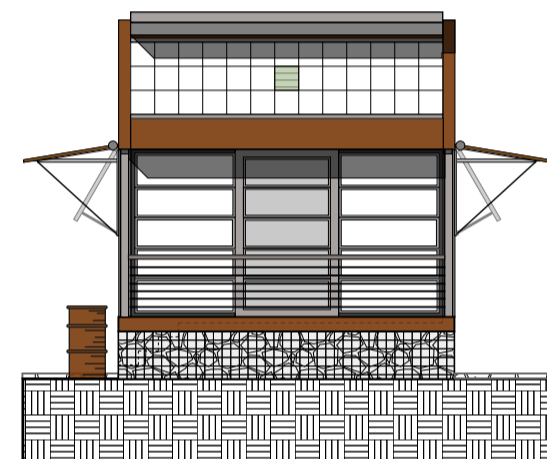
The FlyRanch Modular House consists of three economical modular elements (a core utility module & two clipped on living modules); pre-fabricated with sustainable materials.

Initially, the FlyRanch Modular House will serve as a laboratory model in different micro environments to explore modifications and refine techniques for future sustainable villages on sites wherever they are needed, acquiring their own regional identities. Drawing on principles embodied in the tenets of New Urbanism, the LEED/GreenBuild movement and community based Grassroots organizations (the SlowFood/CittaSlow movements; The Edible Schoolyard; & The Shakori Hills Farm Grassroots Festival); the modular house will be constructed with sustainable materials and incorporate durable alternative energy and water management systems. The FlyRanch modular house will promote independence from non-renewable resources, raise standards of sustainable design in low cost housing developments and will contribute to a bio-diverse permaculture landscape program with its "tread lightly" eco-efficient footprint.

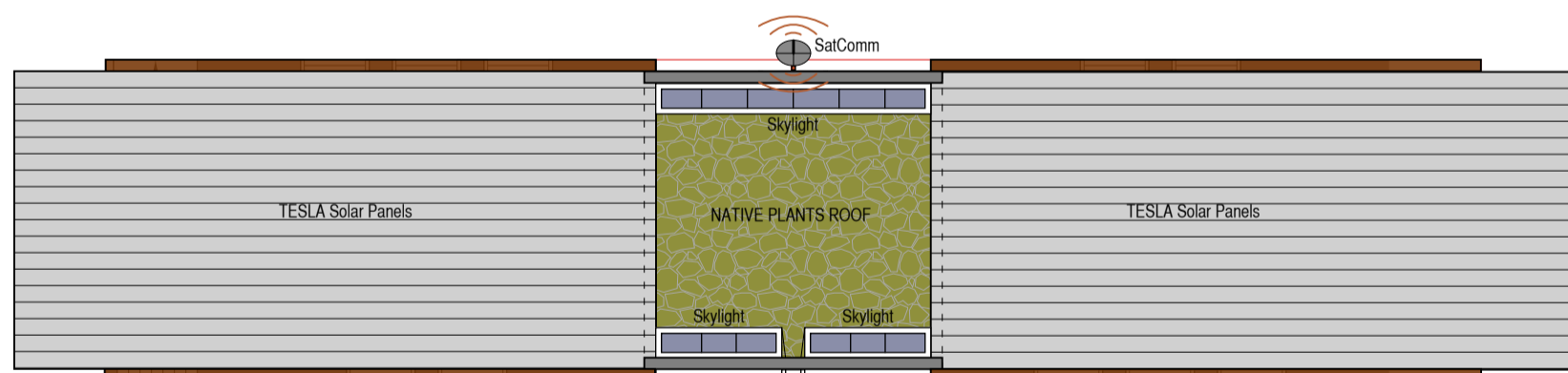
It is being designed for on-grid and off-grid installations, is replicable at scale and is targeted for a NetZero Carbon Footprint.



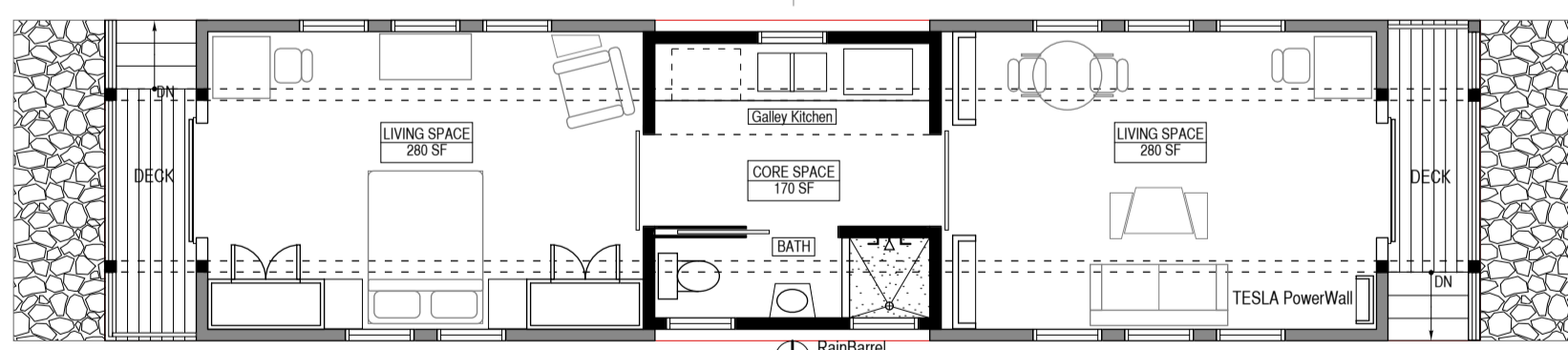
ELEVATIONS



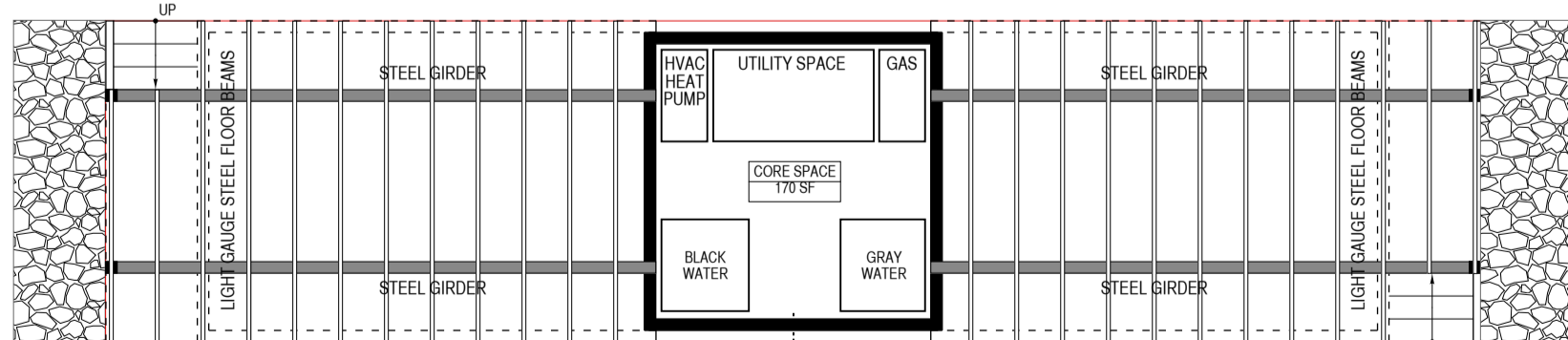
SECTION



ROOF PLAN



FLOOR PLAN



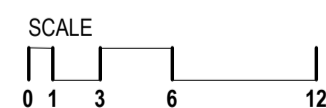
GROUND PLAN

**Design Elements**  
 Modular Design / Sustainable Materials  
 Metal, Wood or Concrete Board Exterior Panels  
 Bamboo Wood Flooring in Living Spaces  
 Integral Color Lightweight Concrete Floor in Kitchen & Bath  
 FSC Certified Wood Cabinets  
 Solar-Powered Tesla Roof panels with Tesla PowerWall Energy System

**Modular 1**  
 Utility Core: 170 SF  
 Galley Kitchen / WC / Shower  
 Fresh Water Cistern / Propane Gas Tank  
 Stove & CookTops  
 Waste Water Filtering Tanks

**Modulars 2&3**  
 Living Spaces: (2)280 SF = 560 SF;

**Gross SF**  
 Core Space: 170 SF  
 Habitable Space: 730SF  
 Entry Deck Space: (2)55 SF = 110 SF  
**Combined Total Base GSF: 840 SF**



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INHABITING the Site : What We Know With No Name for It.

The FUTURE of FLY RANCH  
 LandArtsGenerator2020flyranchCompetition  
 ARTISTS in Residence 3