# BETWEEN BASIN & RANGE



## **PROJECT**

**Summer Lake Residence** PLAYA at Summer Lake, Oregon

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Structural Engineer
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General Contractor
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Foundation & Panel Framing Contractor

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Photos

Bronson Studios Photography

#### **CHALLENGES**

- Provide a modest residence at PLAYA Artist
  Retreat Center at Summer Lake, located at
  the eastern foot of the Fremont Mountains
  range, and looking east towards the Great
  Sandy Desert basin.
- Design a building that is informed by, and integrates with, the surrounding landscape and the local building vernacular.
- Facilitate construction at this rural location where resources are limited, by relying on materials and technologies sourced at a regional industrial center.

#### **CONCEPTS**

- This house prototype is composed of repeating rectangular plan modules, based on a four-foot grid.
- The structure is constructed with standard light-wood framing materials, prefabricated into panels and components that are trucked in and assembled on site.
- Around the entry areas, the durable utility of metal siding is replaced with the inviting warmth of cedar boards.
- The continuous low-slope roof plane is simple to construct, provides maximum protection from prevailing wind and driving rain, and facilitates potential future rainwater harvesting.
- The interior organization, varying ceiling heights, and long vistas through oversized windows, make this compact 960-SF home feel expansive.









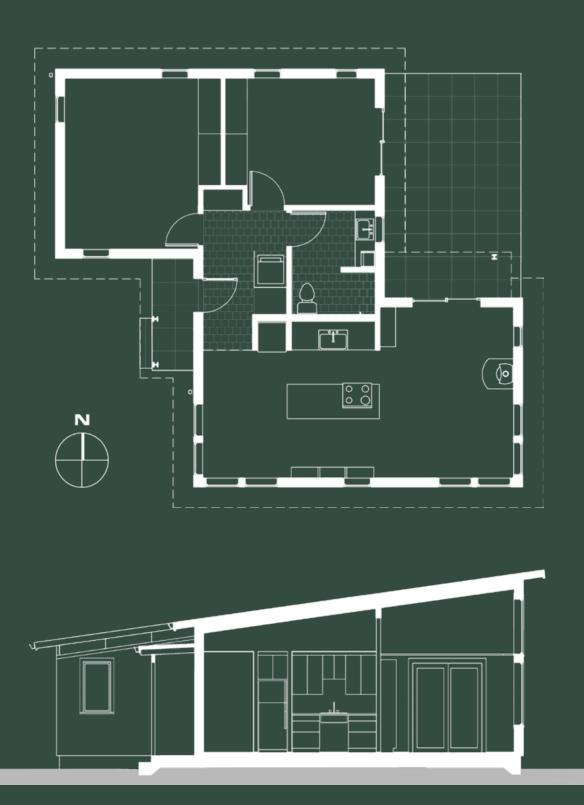
### SUSTAINABLE STRATEGIES

- Construction impact was reduced by site-assembling prefabricated, shipped components.
- The modular design ensures maximum material efficiency and minimal construction waste.
- Wrapped in a double-insulated wall, the home is conditioned with an efficient heat pump, a back-up wood stove, and a Heat Recovery Ventilator.
- Abundant daylight is provided via oversized windows, glazed doors, and a central skylight.













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