The story of Metahaven begins with a site and a vision of the future, imagining a scalable modular nanoclimate system.

- Shelter & Communal Event Space
- Power
- Water
- Food • Zero-waste/Regeneration.

By gathering radiant energy and storing and circulating it within the structure, Metahaven’s interior will have a marked moderation of Fly Ranch’s seasonal extremes, with Earth’s thermal flywheel effect providing degrees of cooling in the summer and heating in the winter.

A layered lower arrangement of interconnected solar sail shades is suspended from a central tower and connected by proprietary kinetic harvesters which convert the constant minute vibrations between each sail caused by the constant wind into small amounts of energy.