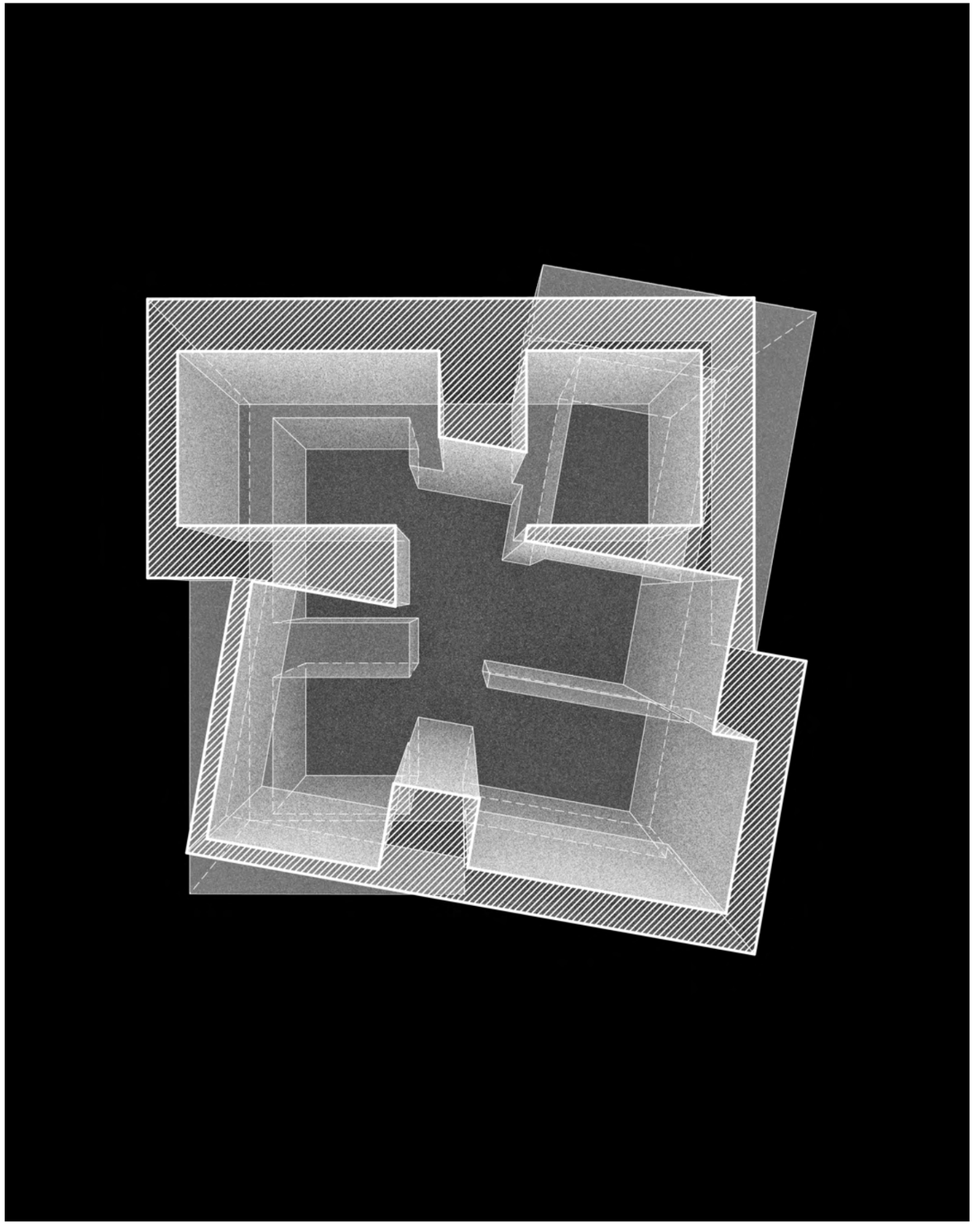

Learning from the Earthworks
Thickness Meets Temperature

How Does Climate Become Architecture?

In modern construction logic's pursuit of building performance, tactile experience and microclimate perception of the human body are often overlooked. This project reexamines the embodied wisdom in traditional rammed earth architecture, studying how it creates rich tactile experiences and comfortable microclimates through material properties and constructional details.

Taking Turpan region as the site, through precise analysis of temperature-time curves and integration of modern prefabrication technology with traditional methods, the project develops a new type of sustainable architecture that responds to human sensory needs at different scales. From the tactile properties of materials to the regulation of spatial microclimates, it reestablishes the direct connection between architecture and the user's body.

Key themes
- Material Performance
- Climate Response
- Tactile

Year: 2019
Type: Studio Project (Group research/Individual Work)
Location: Turpan, China
Instructor: Chia-Shun Liao