

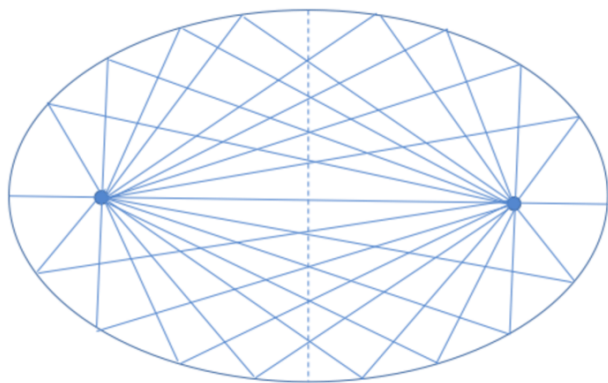
ARCH 565

PROJECT PROPOSAL

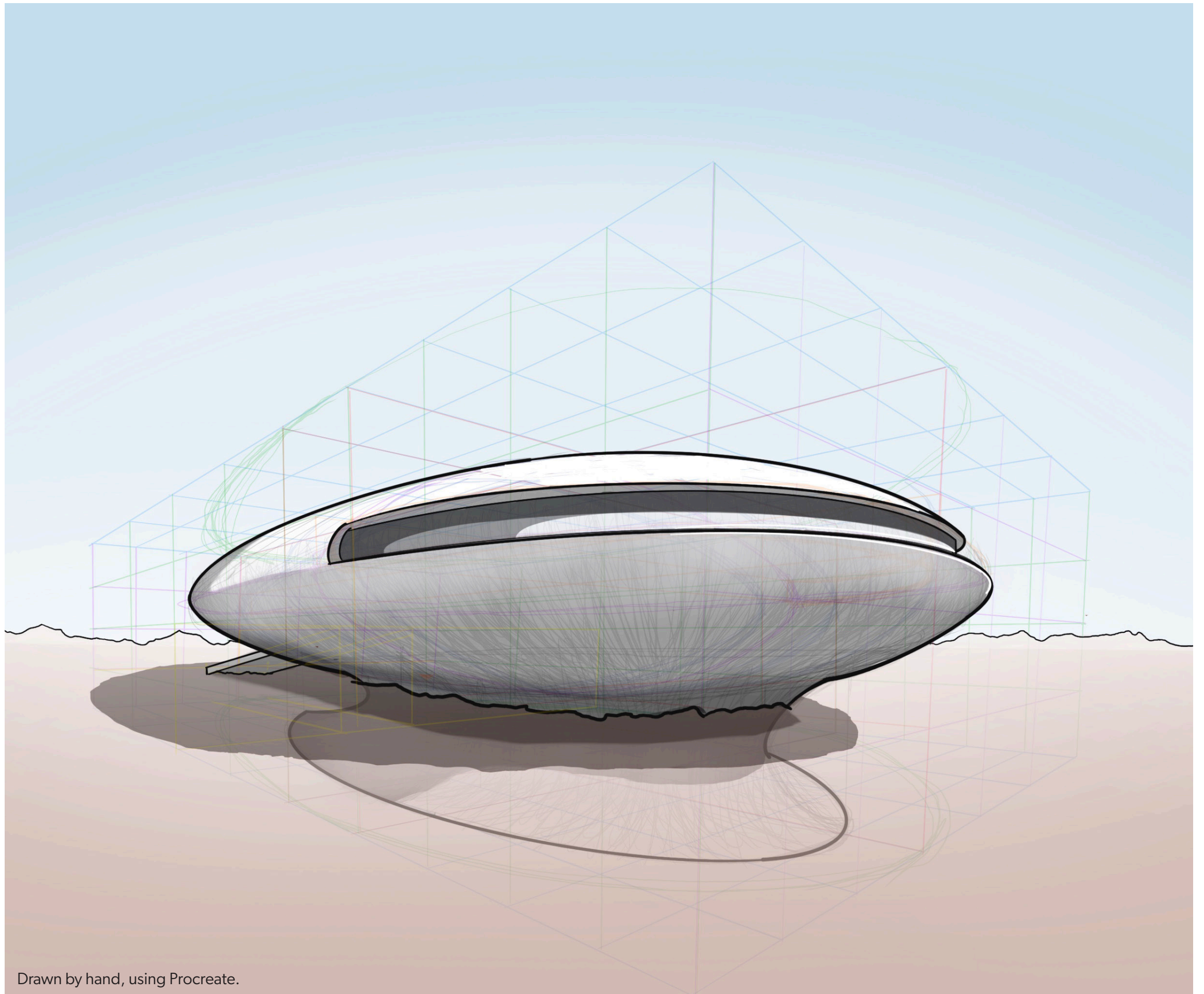
RILEY SAMPSON

LOCATION: Outside of Lewistown, MT.
The general idea is to be site-less, allowing the concept to apply to multiple locations. The site near Lewistown is a prairie, which inspires the idea of placing this project in an open space—such as a meadow, a desert, near the beach, or anywhere with unobstructed views of the sky and horizon.

PROGRAM: Similar to a music recording studio, but designed solely for a listening experience. The concept stems from the unique acoustic property of an ellipse, where the two foci have a special relationship with sound and light. Any sound or light produced at one focus will reflect off the walls and converge perfectly at the other focus (as shown below).



Foci of an ellipse.



Drawn by hand, using Procreate.