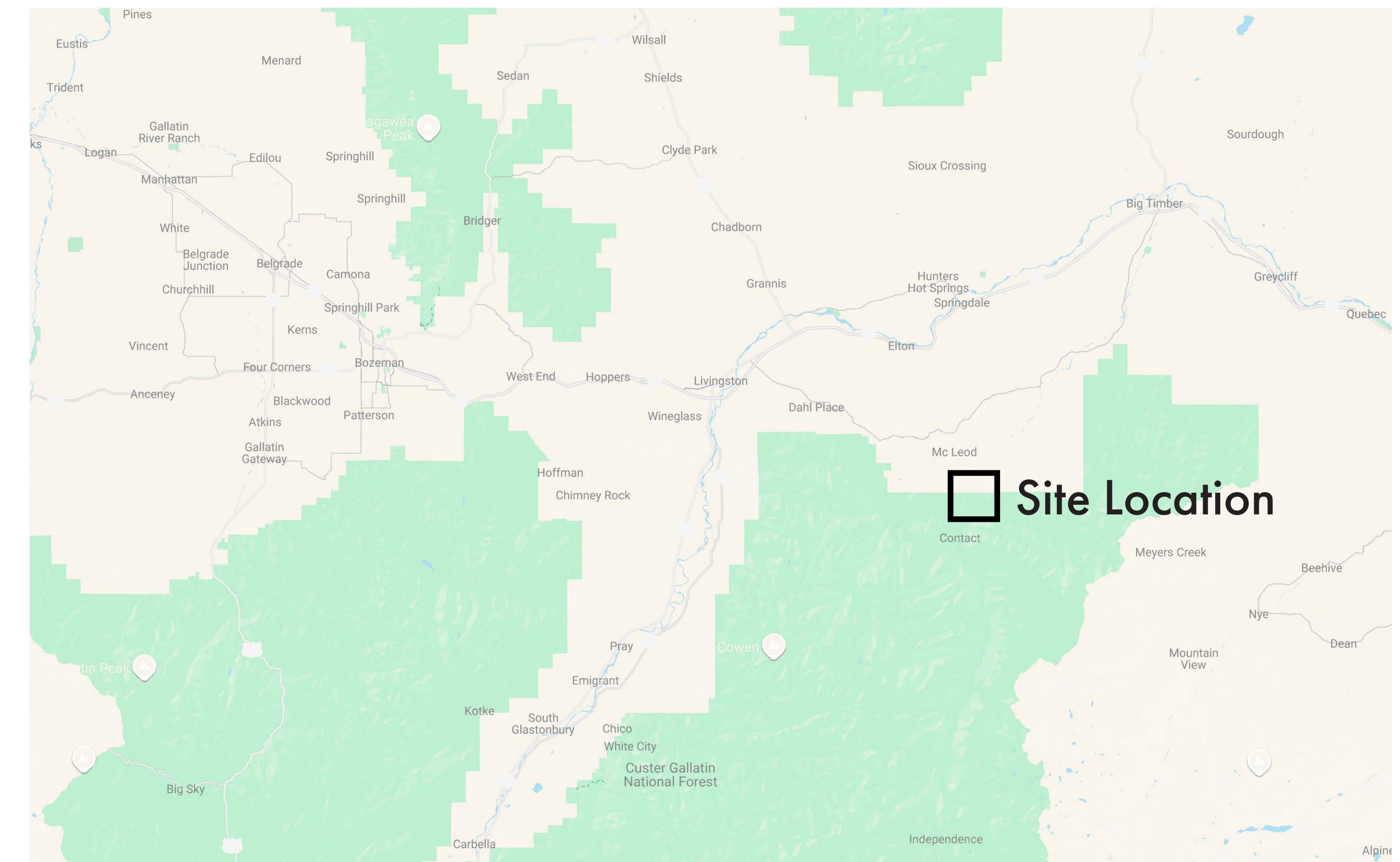


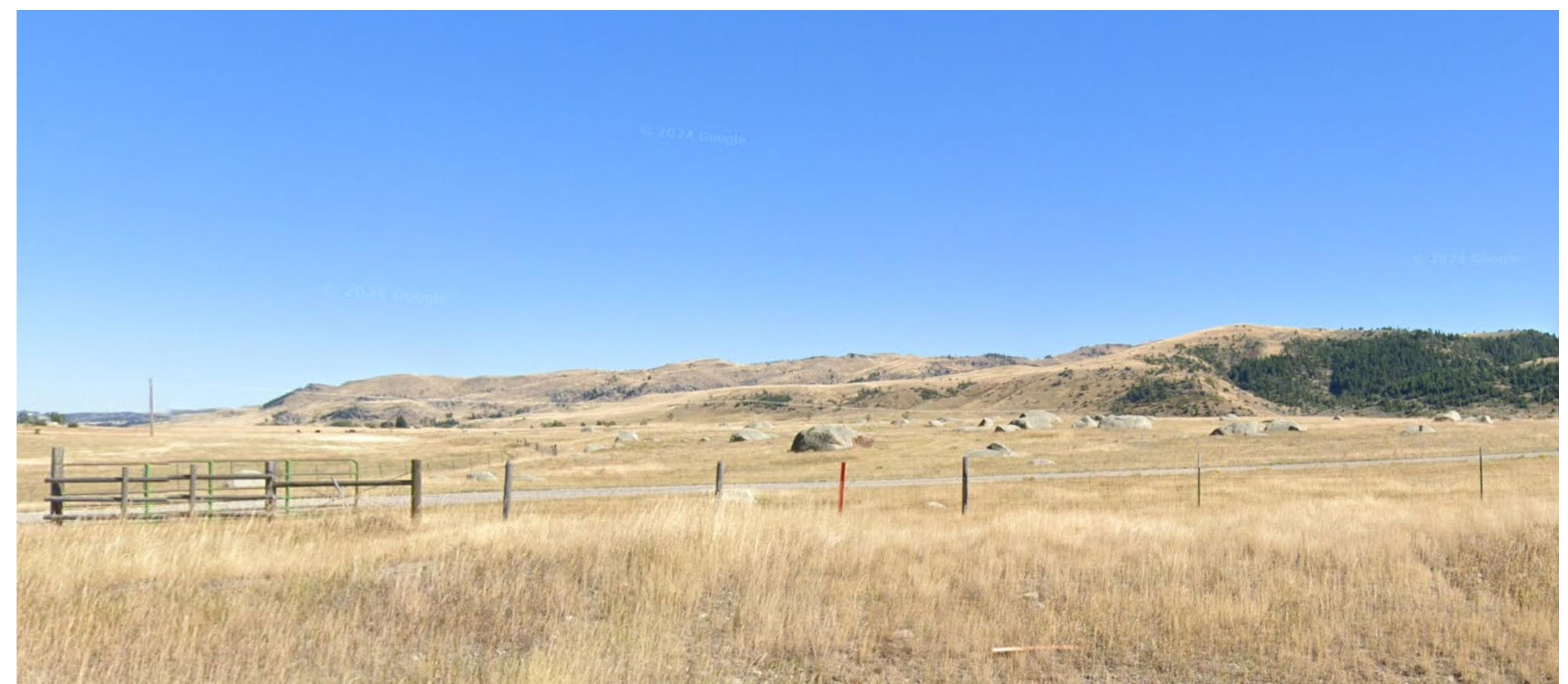
# Nestled In Stone

Inspired by weekend trips with friends to the Natural Bridge climbing area, where we'd always admire a sprawling field of massive boulders. *Nestled In Stone* explores the idea of playful interaction with natural terrain. This project imagines a lightweight architectural form that drapes over and around a cluster of large rocks, enhancing their use as a public climbing and gathering space. The goal was to create an inviting environment where people can explore, climb, rest, and connect with both the land and one another.



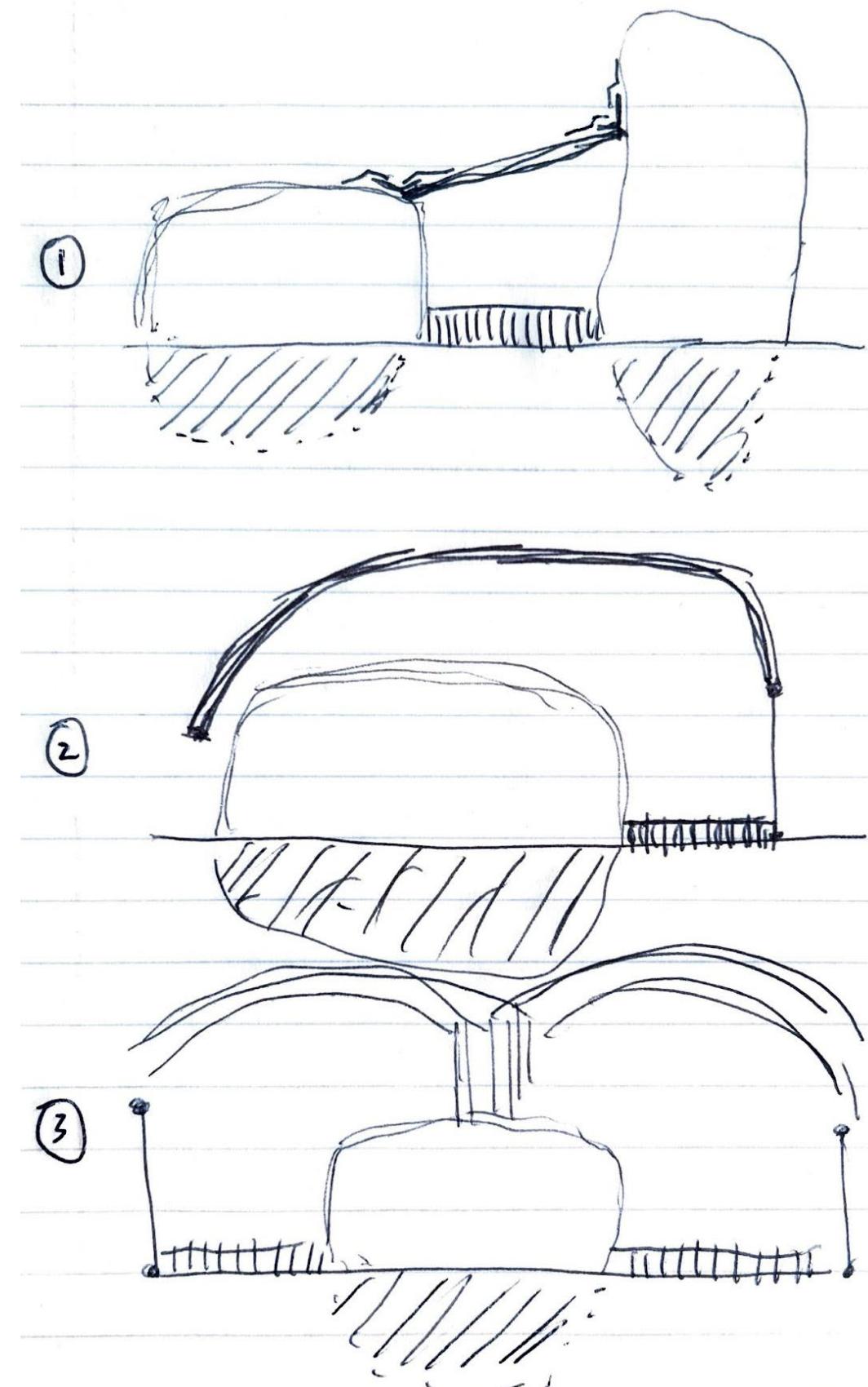
The structure was designed using Grasshopper and Rhino to develop a responsive, customizable geometry. Rhino.Inside was used to generate construction documents and improve spatial understanding, while Twinmotion helped bring the project to life with rendered visuals and material textures. This project reflects my growth in parametric modeling and digital visualization, as well as my continued interest in how design can elevate everyday experiences in natural settings.

Site Location about 1 hour and 45 minutes from Bozeman



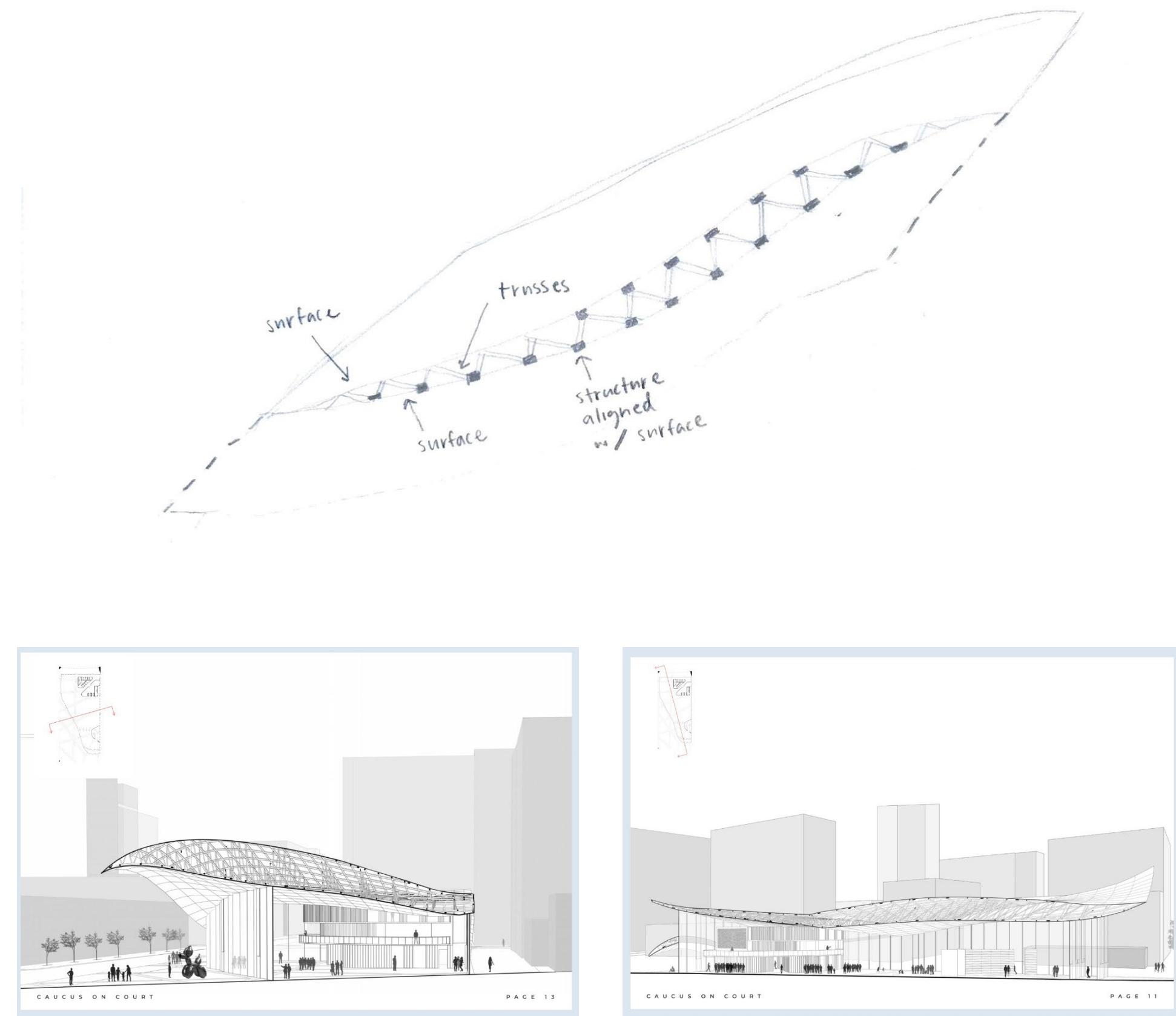
Actual Google Maps Snippet of Site

# 01



shell shape to cover the rock + climbing area.

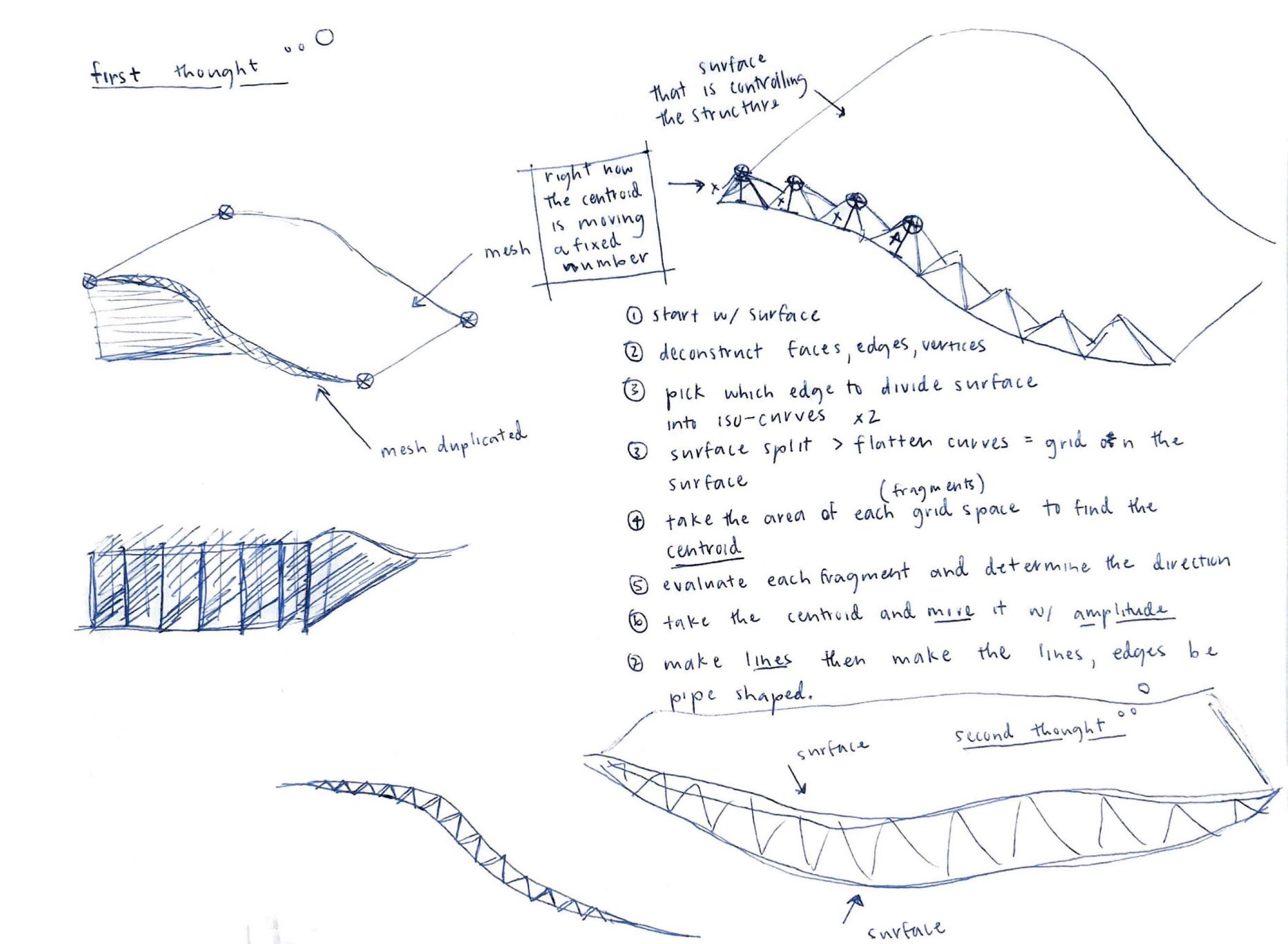
# 02



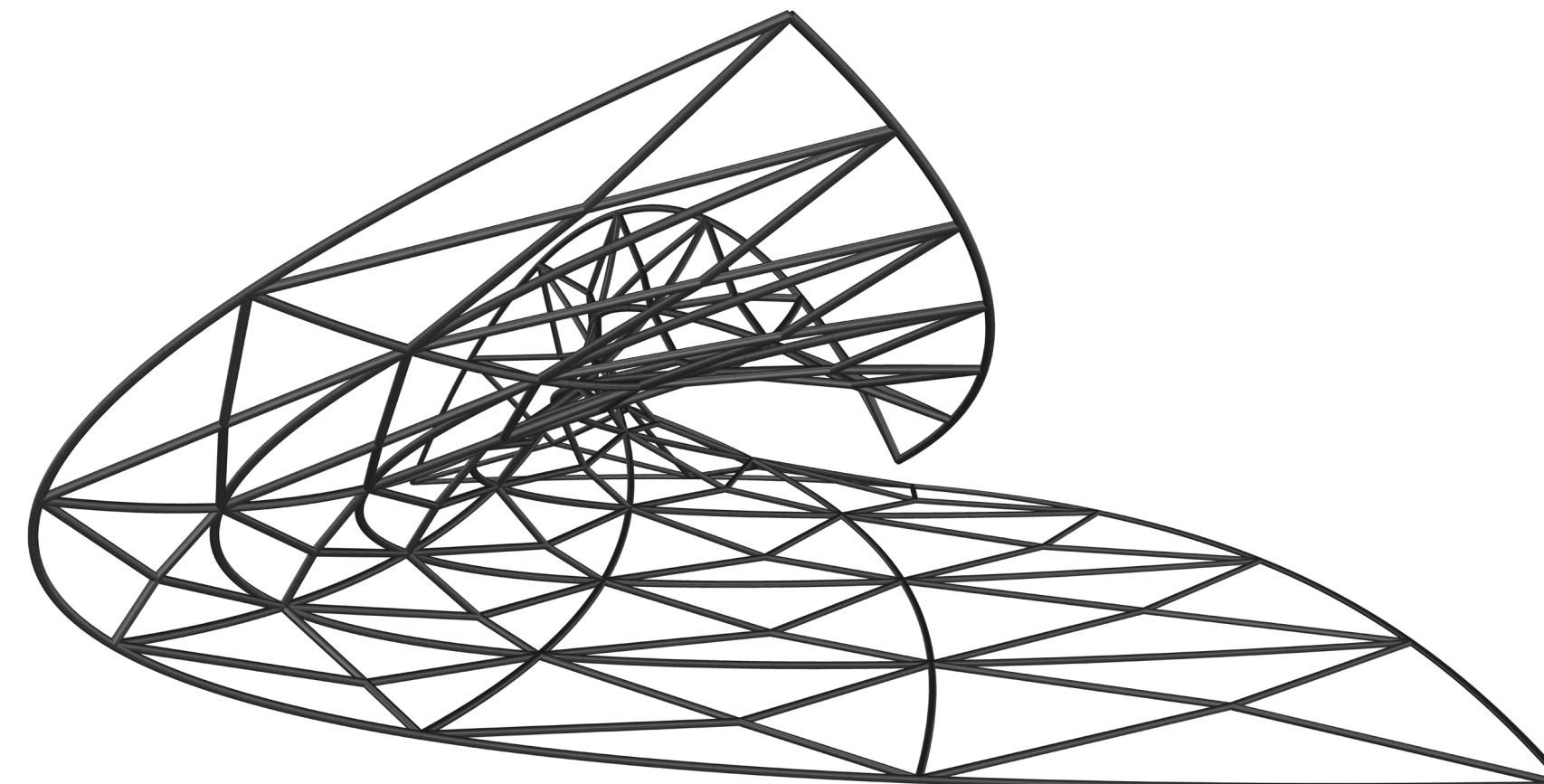
**Sketch 1: Structure + Rock Interaction**  
Early concept exploring how the form could rest on, wrap around, or be supported by the boulders - testing different relationships between structure and landscape.

**Sketch 2: Surface Layers Responding to Terrain**  
As I developed my Grasshopper skills, I designed two responsive surfaces with a structural system in between. Inspired in part by Drew Carroll's roof system.

# 03

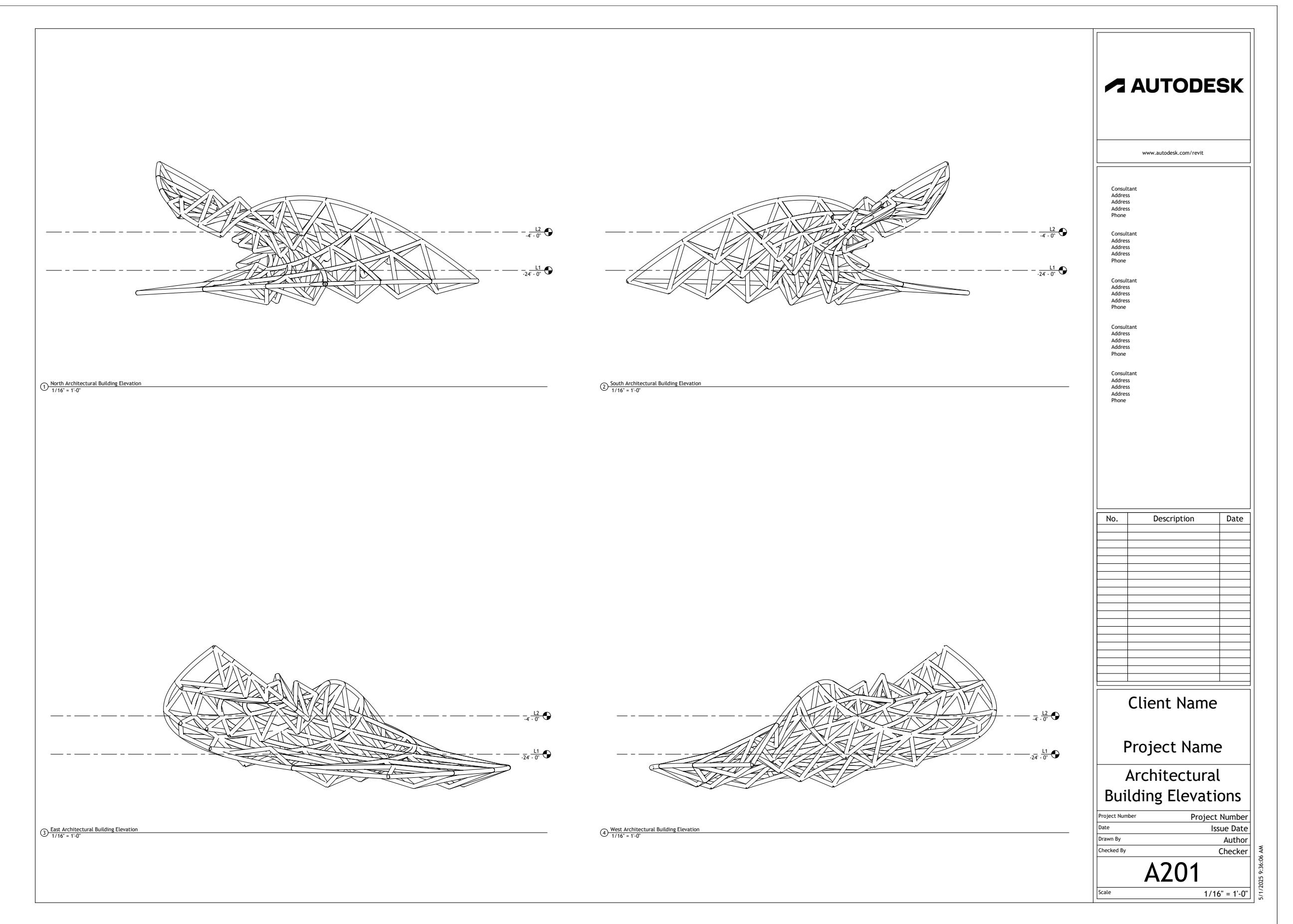


**Sketch 3: Parametric Translation of Rock + Form**  
This sketch maps out my design logic: how a hand-drawn surface interacting with the rocks could be turned into a mesh, then piped into a structure using Grasshopper.

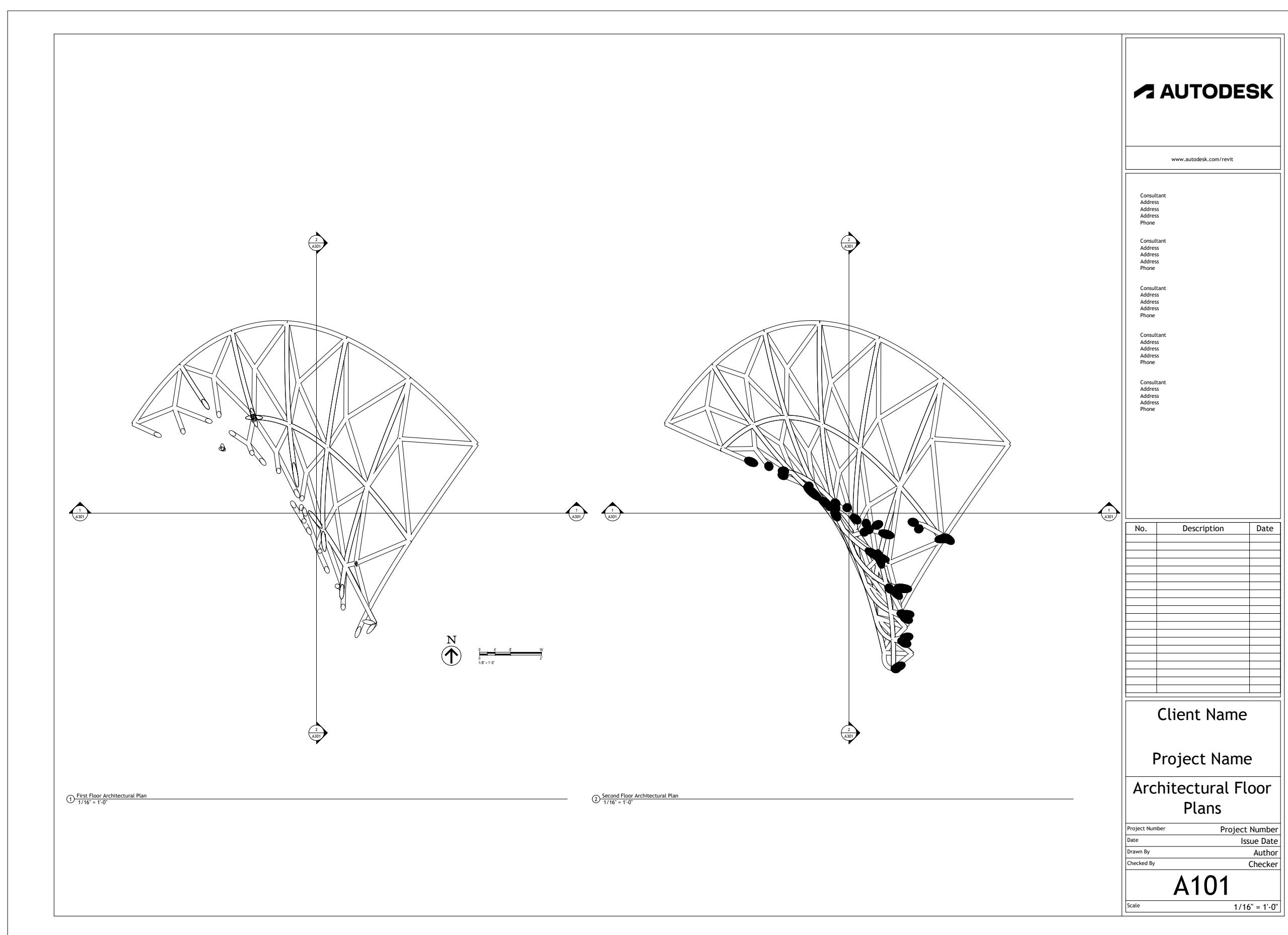


**AXON**

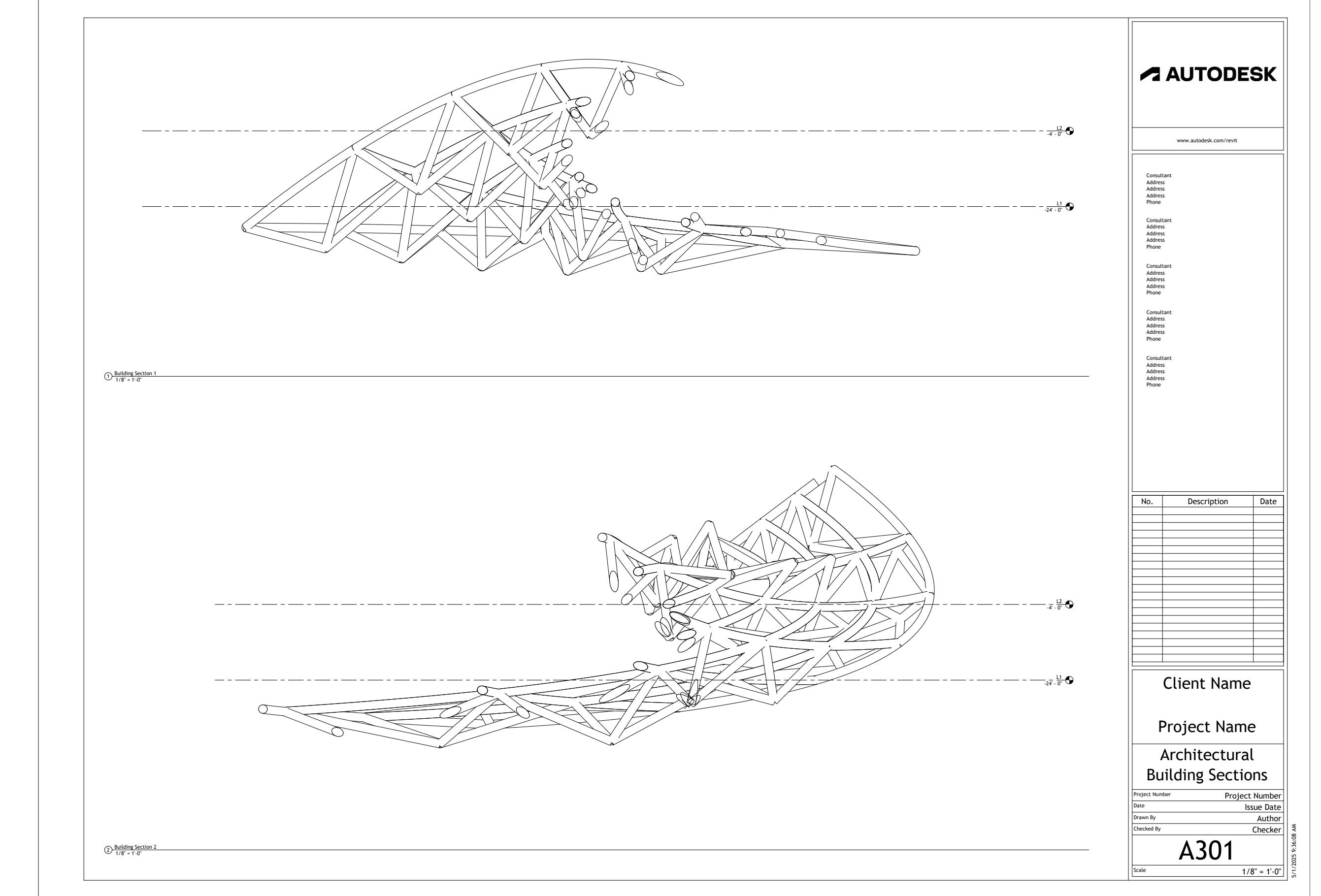
I exported my model into revit and used it to get all the construction drawings - plans, elevations, sections.



**ELEVATION**



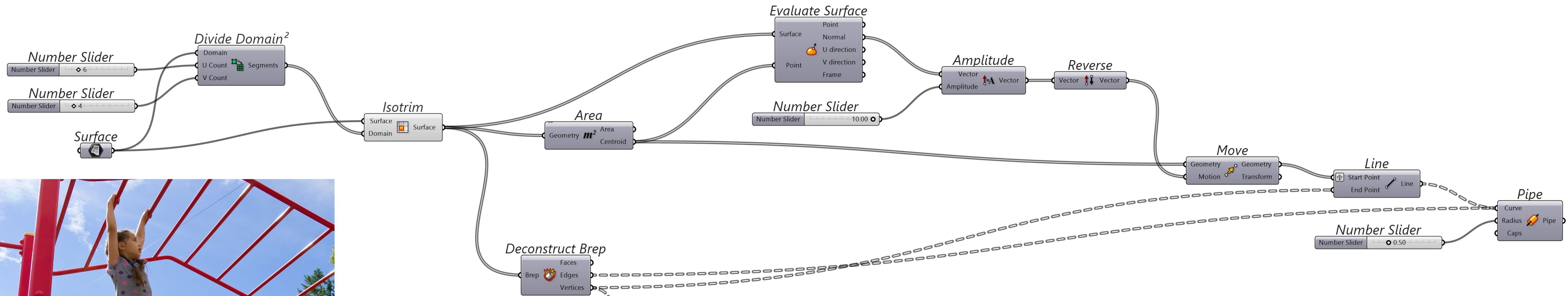
**PLAN**



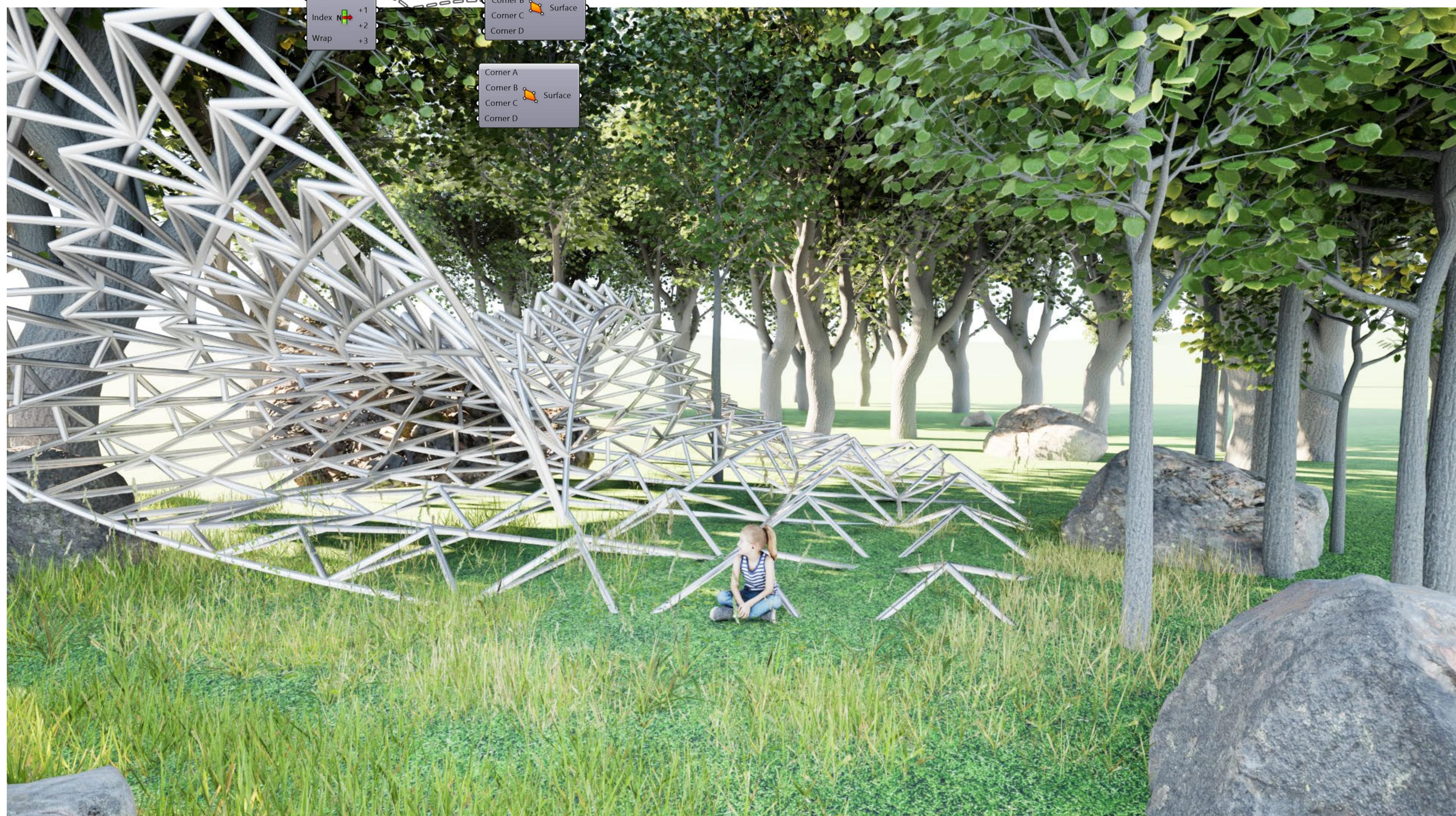
**SECTION**



Purpose of the structure inspiration



Grasshopper script of the structure + glass



Twin Motion rendering of the metal structure with the allure of the structure to play on