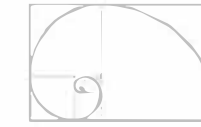


Background - Niagara Beeway

The site is a national park located within the boundary of Niagara Beeway formed by seven years of bee study. Bees suffered enormous losses during the past seven years. Feral swarms which were historically common throughout Niagara have been decimated, except within 2 km on each side of the St Lawrence Seaway, the Welland Canal section that runs from c to Port Colborne.



Golden Ratio



Bio - Chain

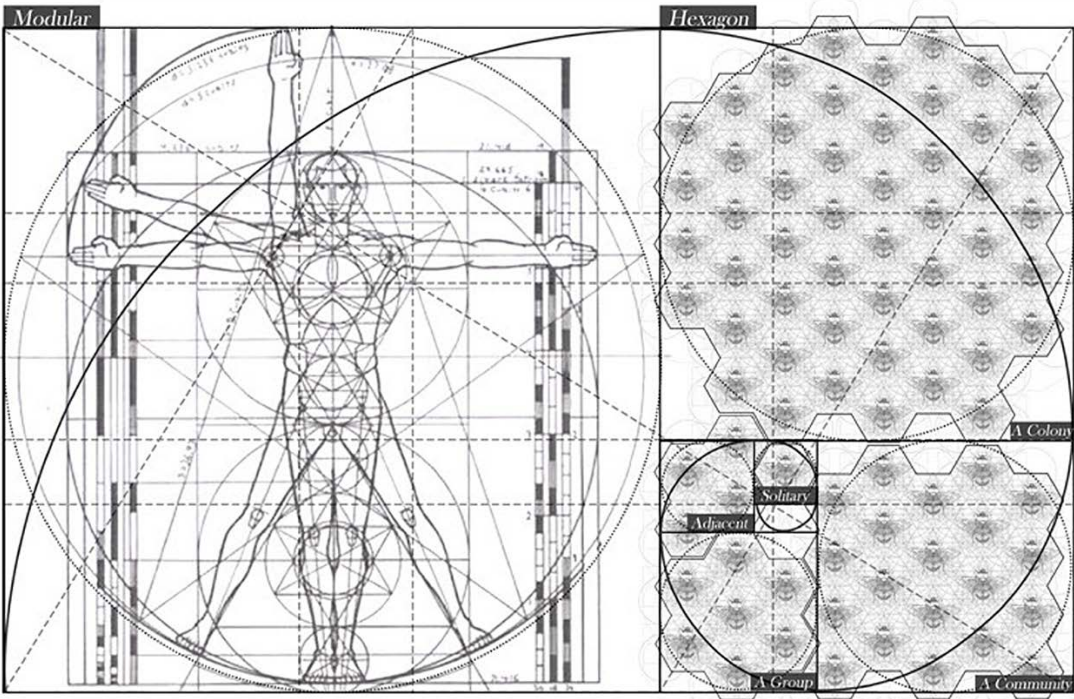
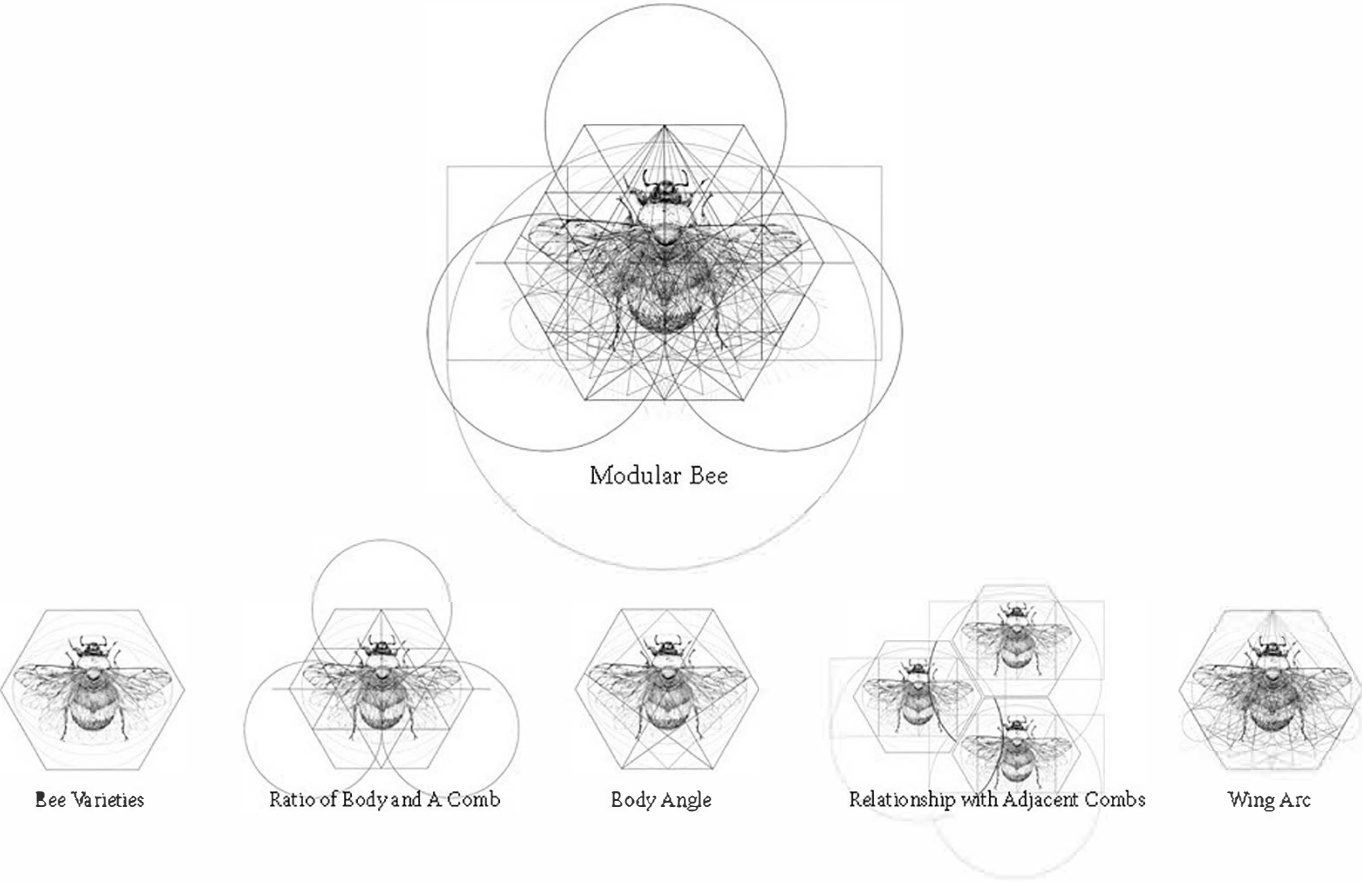


Connection Gap

BEERONOI

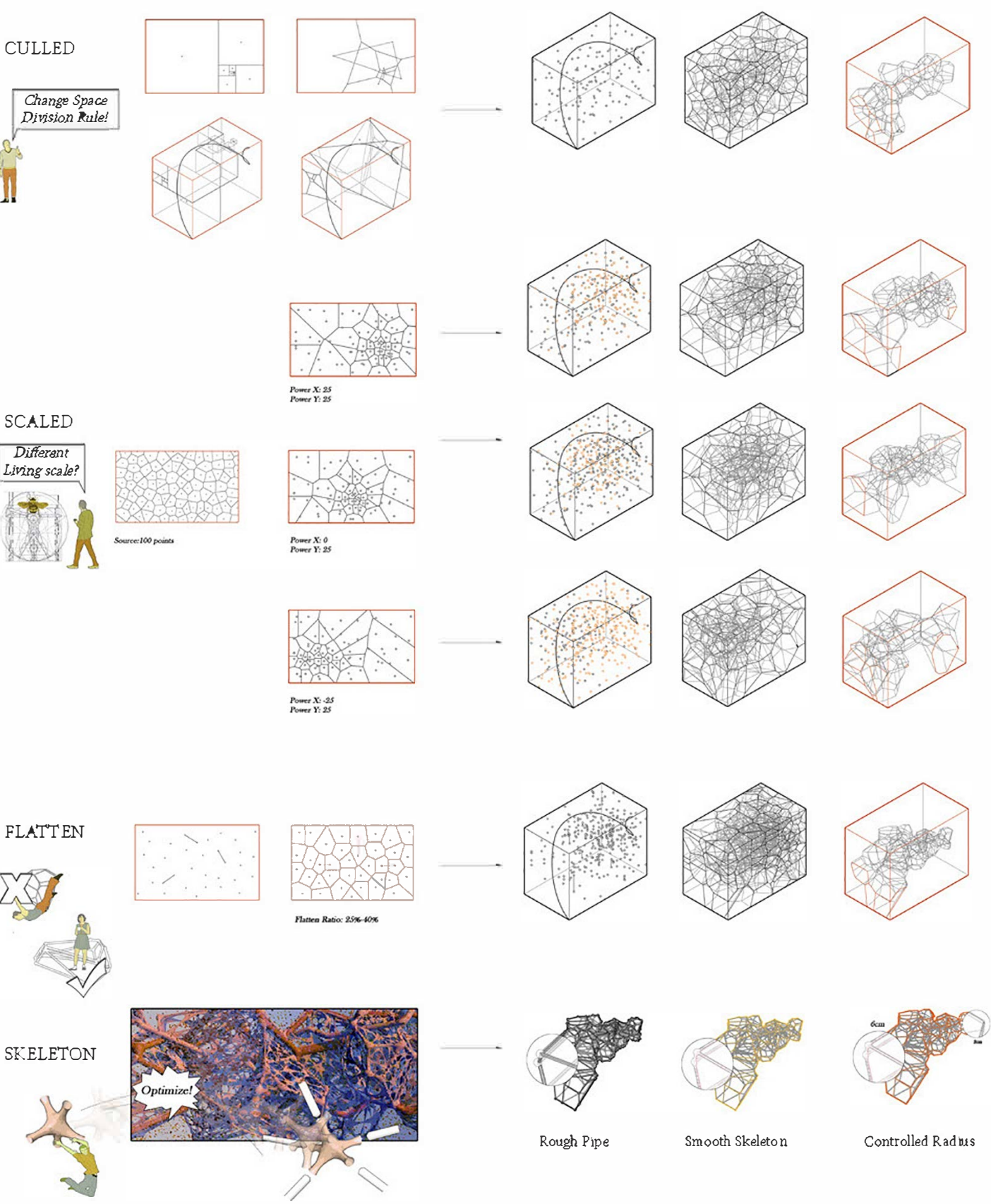


Concept - Modular Bee

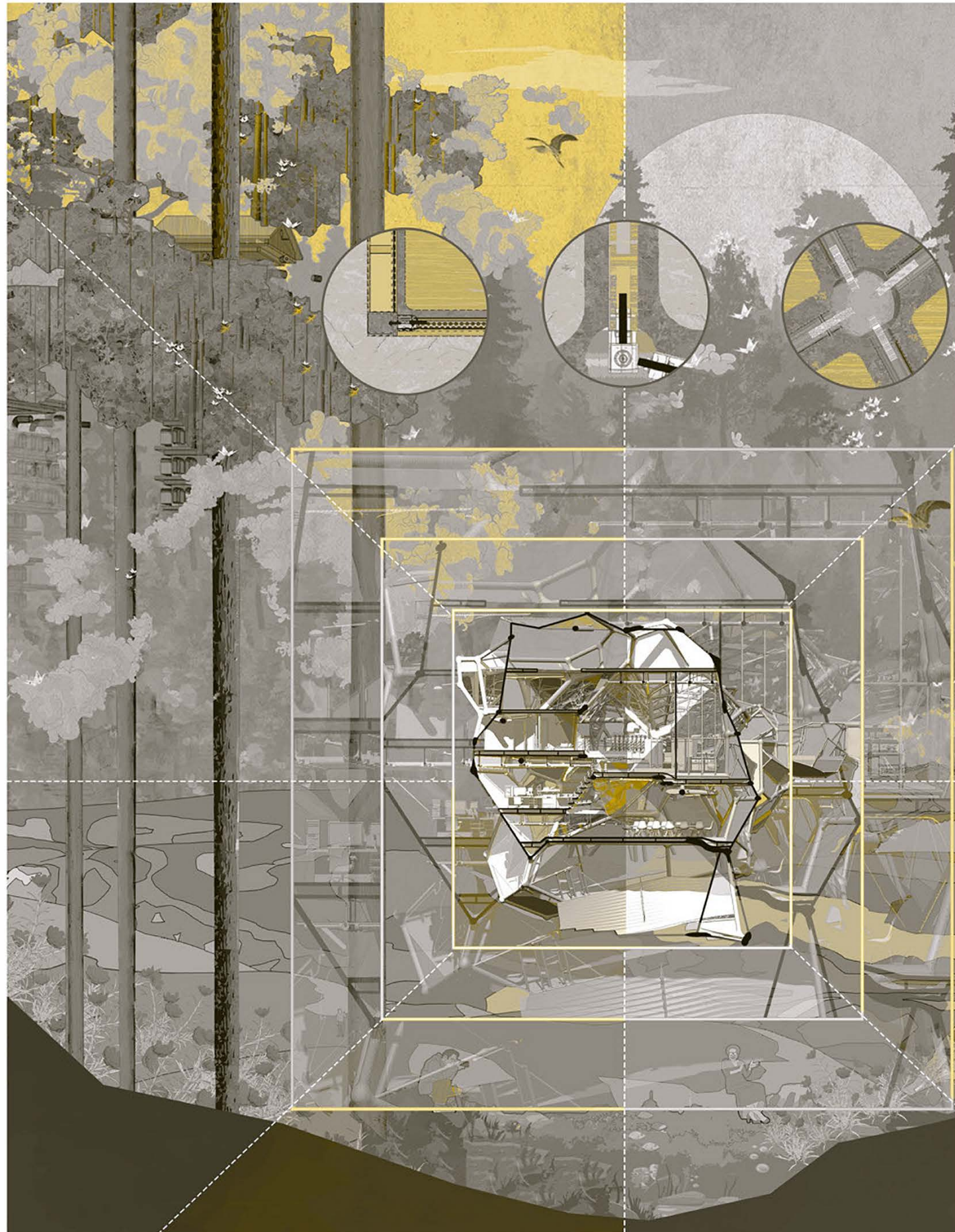


Space = Modular Man + Modular Bee

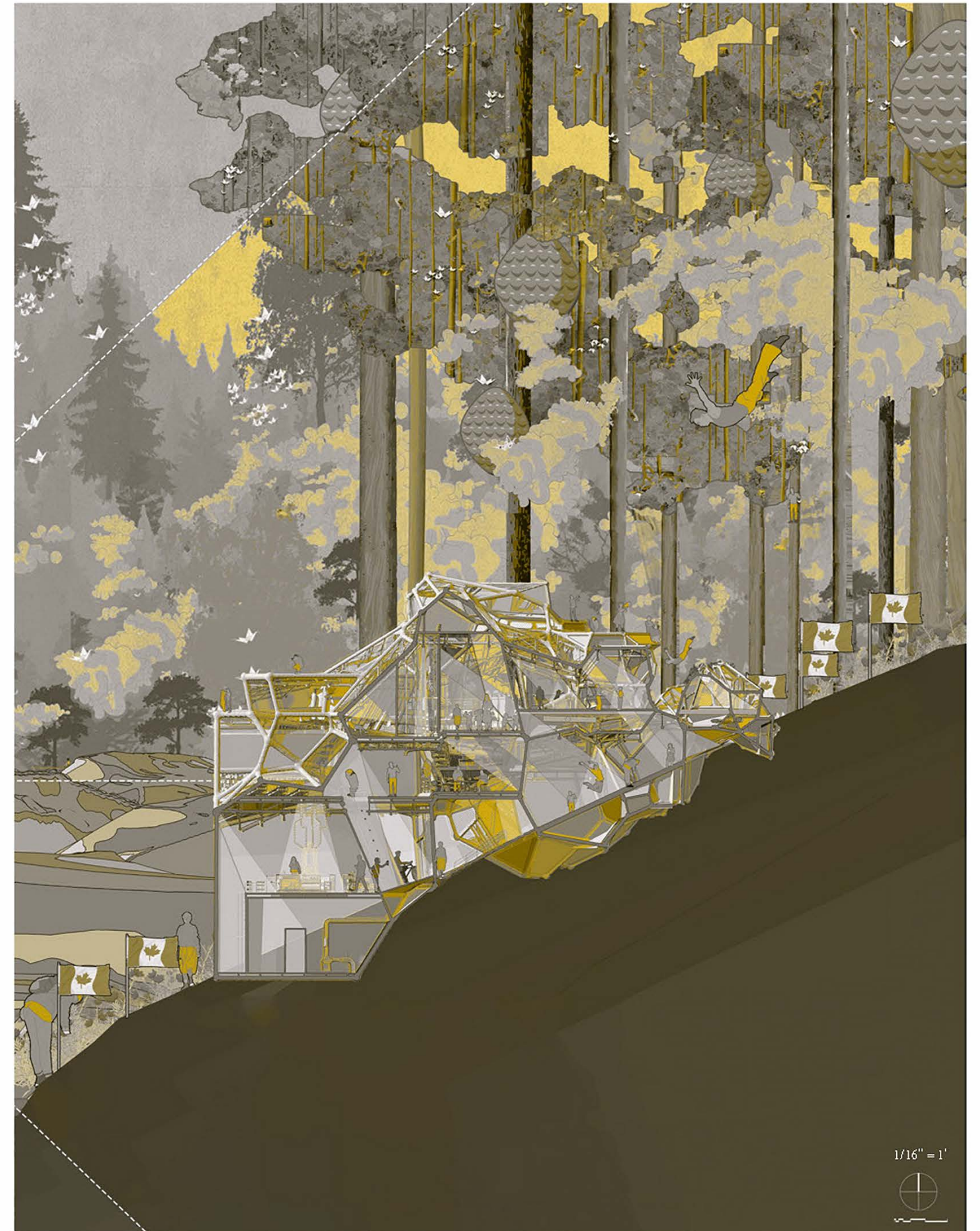
Form - Optimization



Section - North

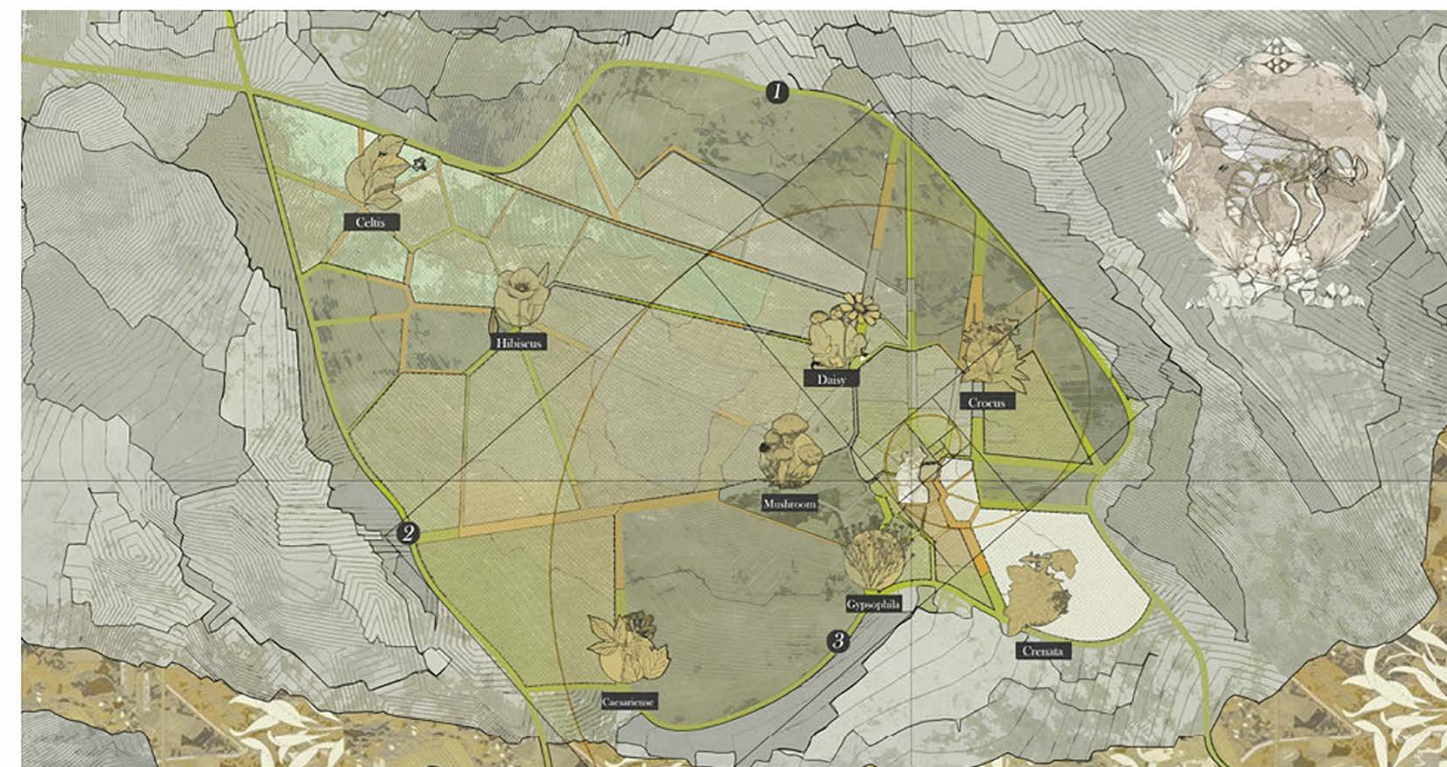


Section - East

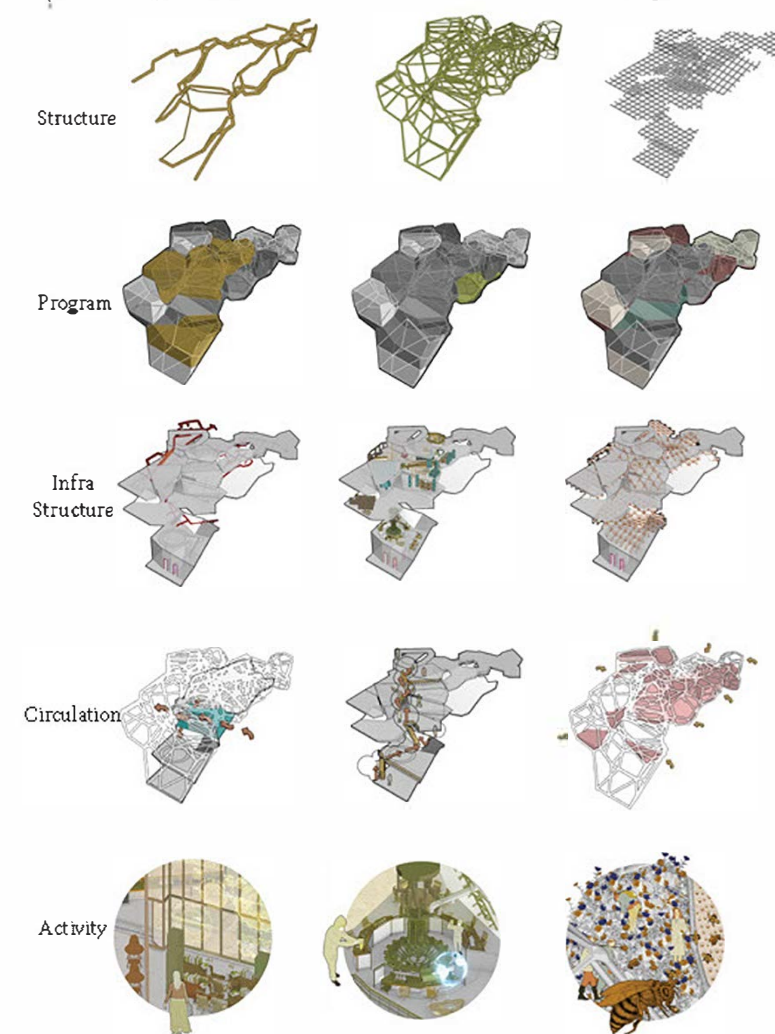




Master Plan & Exploded Analysis



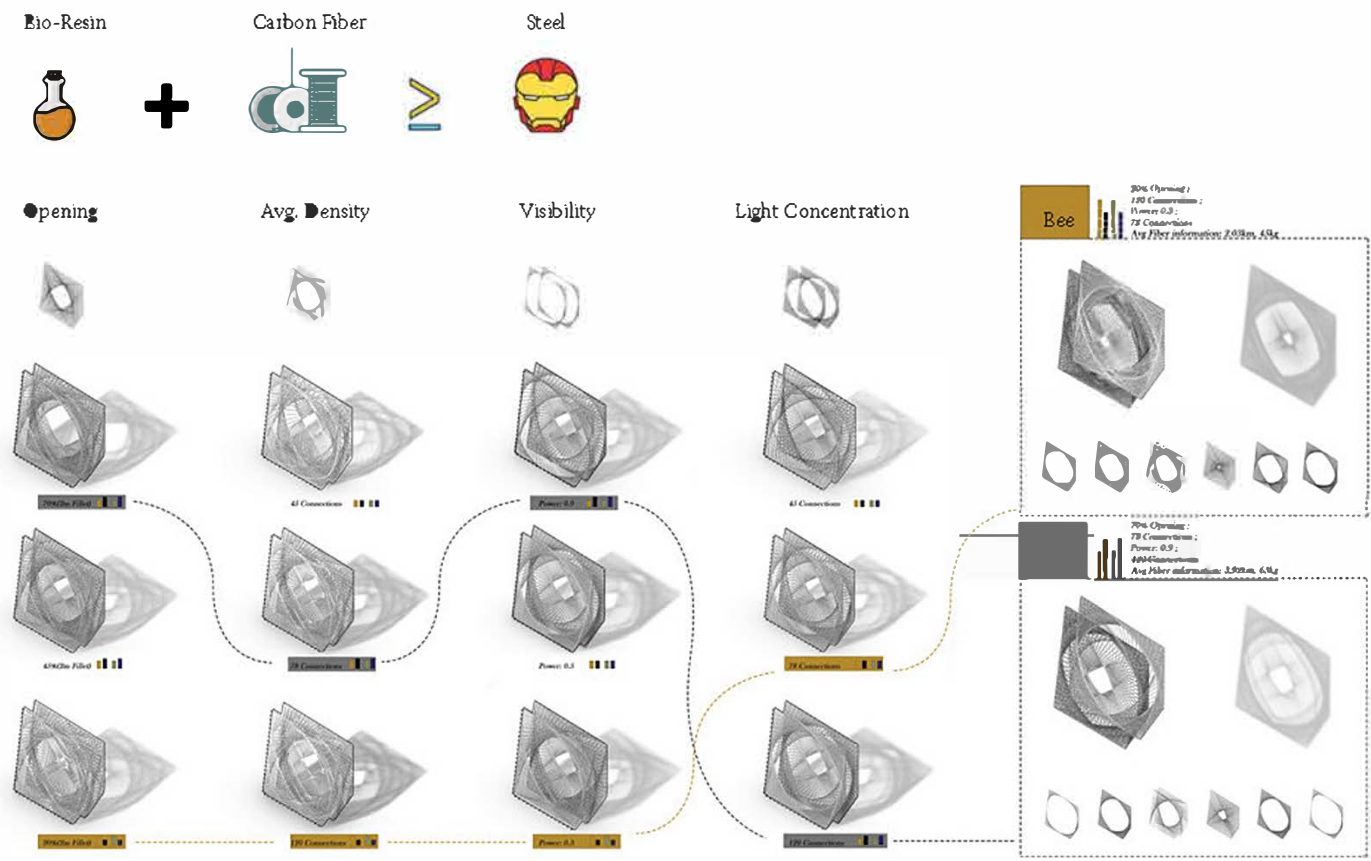
① Black Walnut Trail ② Scout Camp Road ③ Beenorei Trail



Fungi Protection

Research shows that there is a kind of extract of fungi called meta-rism preventing bees from getting infected with pathogens. I compared the staircase (human circulation) winding on the framework of the building to the stalk of fungus, the floor to the leaf. The bees returning to the nest flew back from all directions (Bee Circulation) as if they were under a protective umbrella.

Adjustable Facade System



4 Types of Beehives and Human Activity Space

