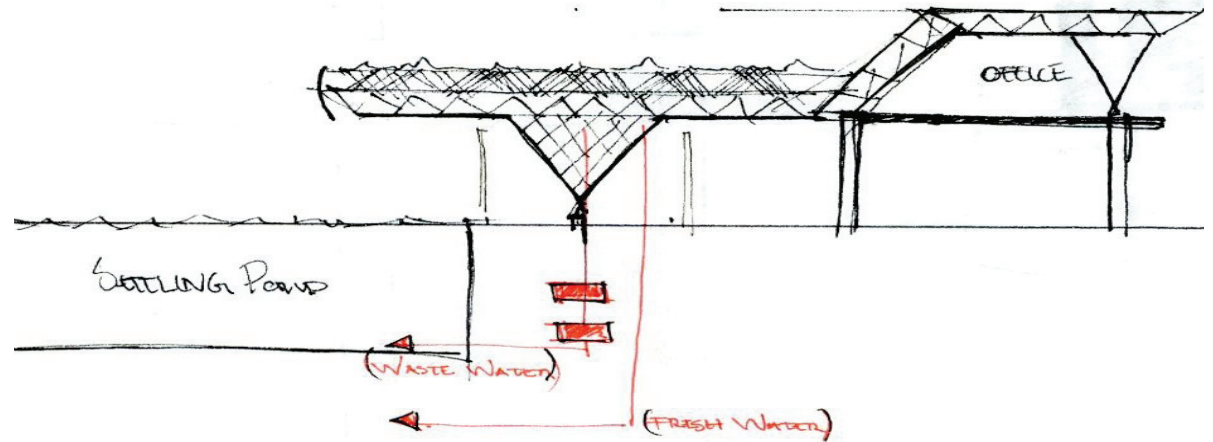
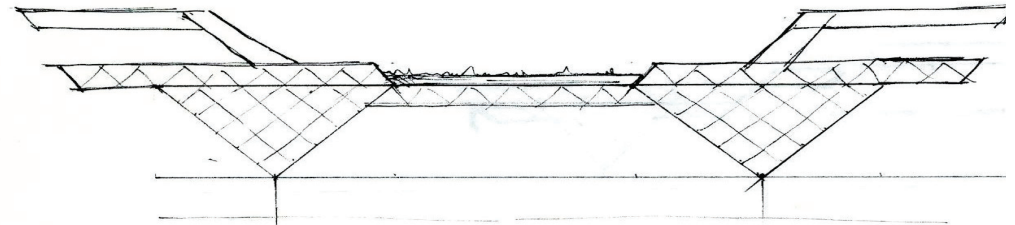
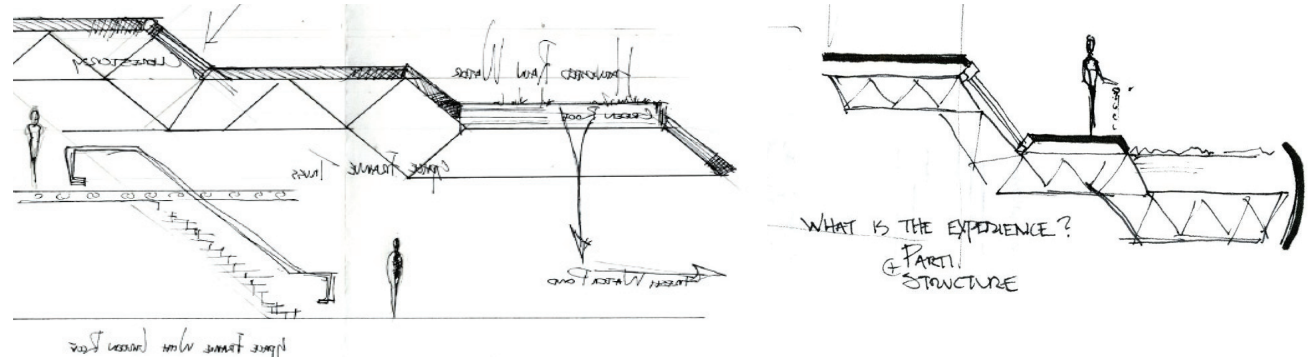
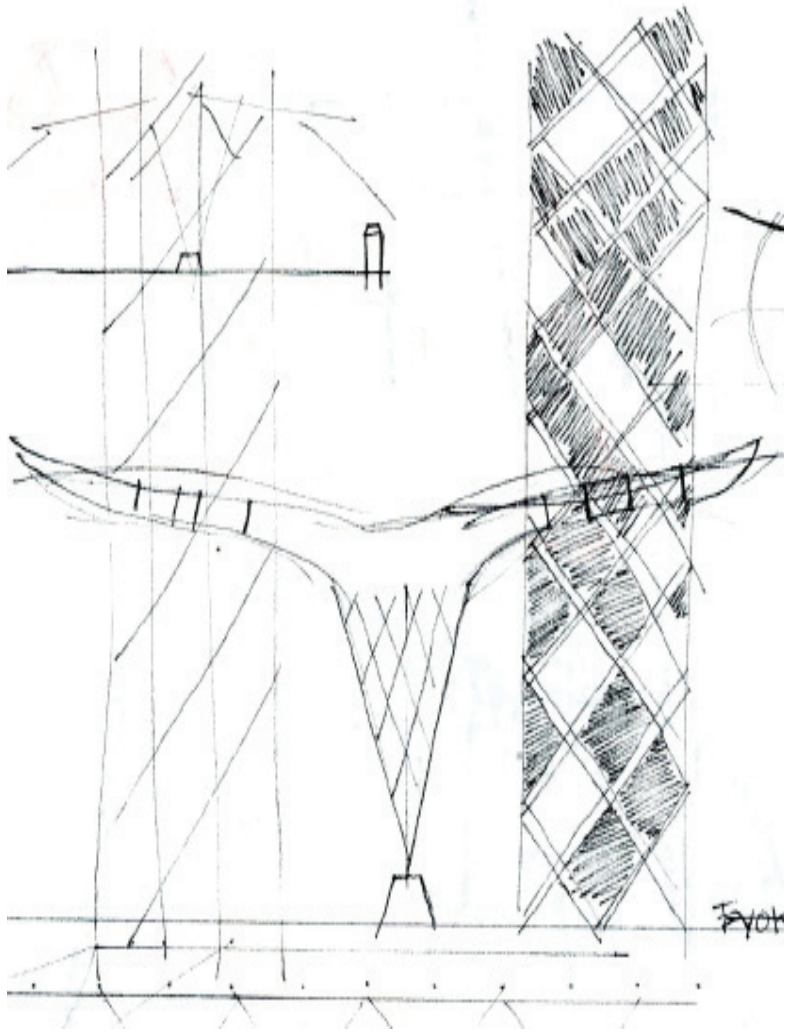
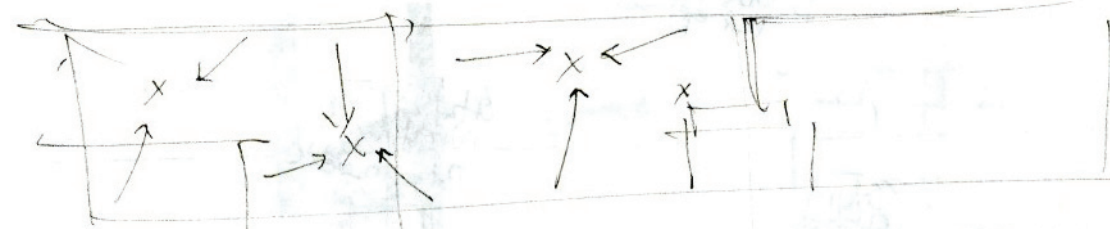


Parti Analysis / Elements

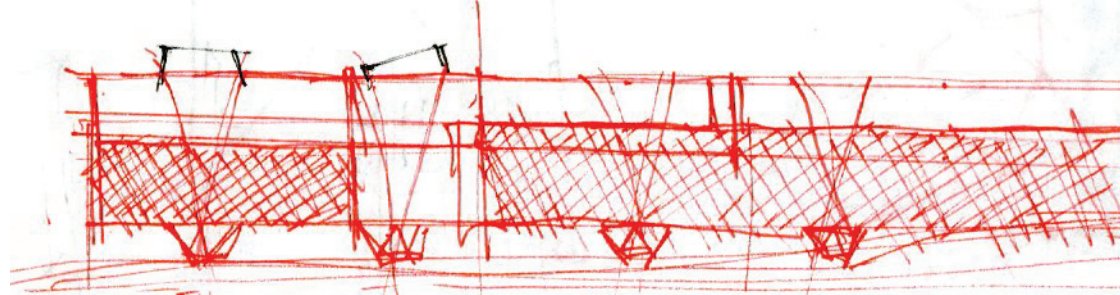




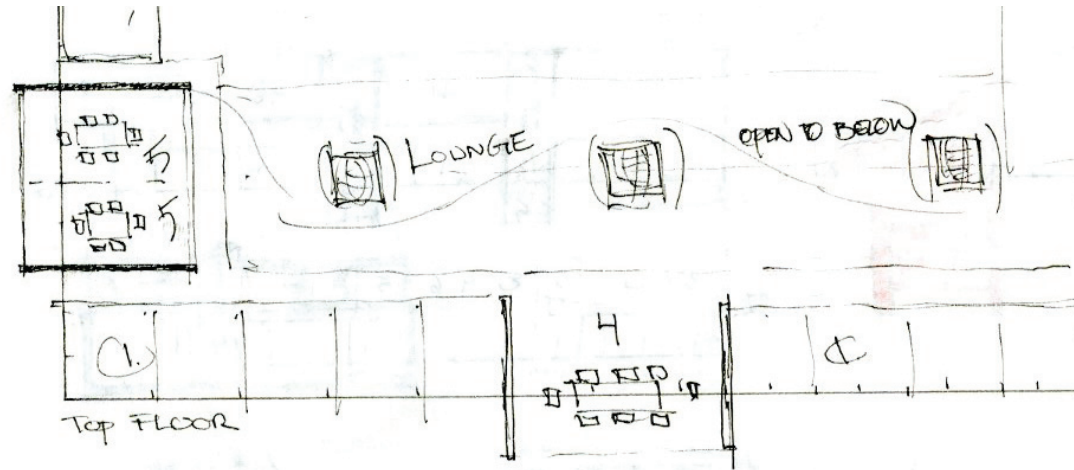
Further Analysis / Nodes

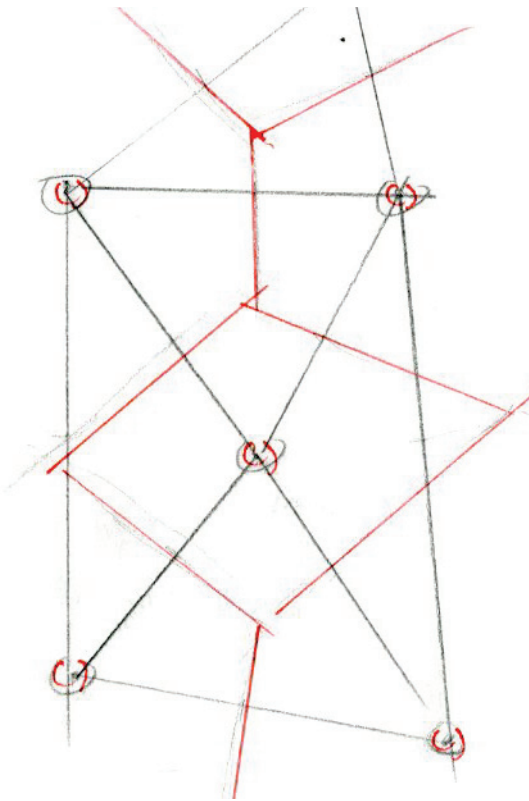


NODES SERVE AS DRAINAGE POINTS



FLLOATING
STRUCTURAL FOOTINGS

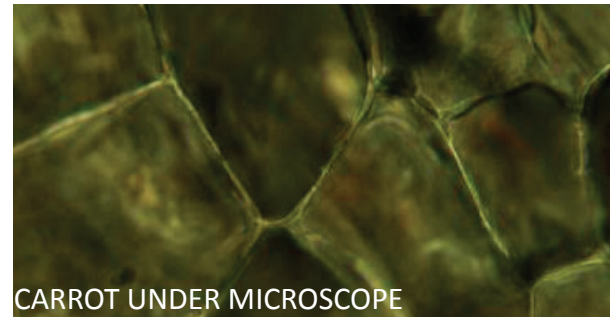




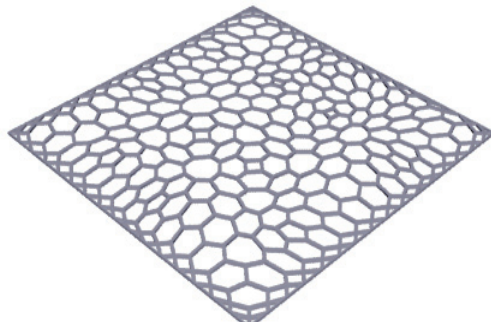
Voronoi Tessellation

Each cell in the diagram encloses a particular site, and the surface of the cell contains all the points on the plane that are closer to that site than to any other.

The math describes a sort of optimal path across a plane; They also occur in odd places, like the spots on a giraffe's body, a turtle's shell, cracked mud, etc...

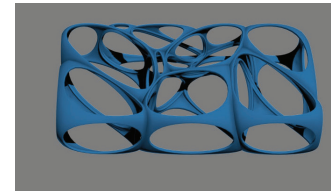
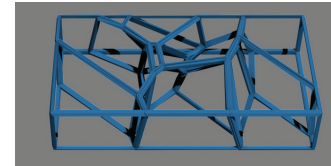
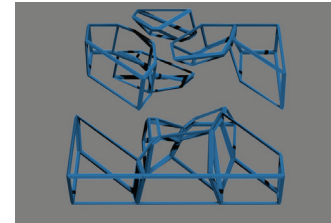
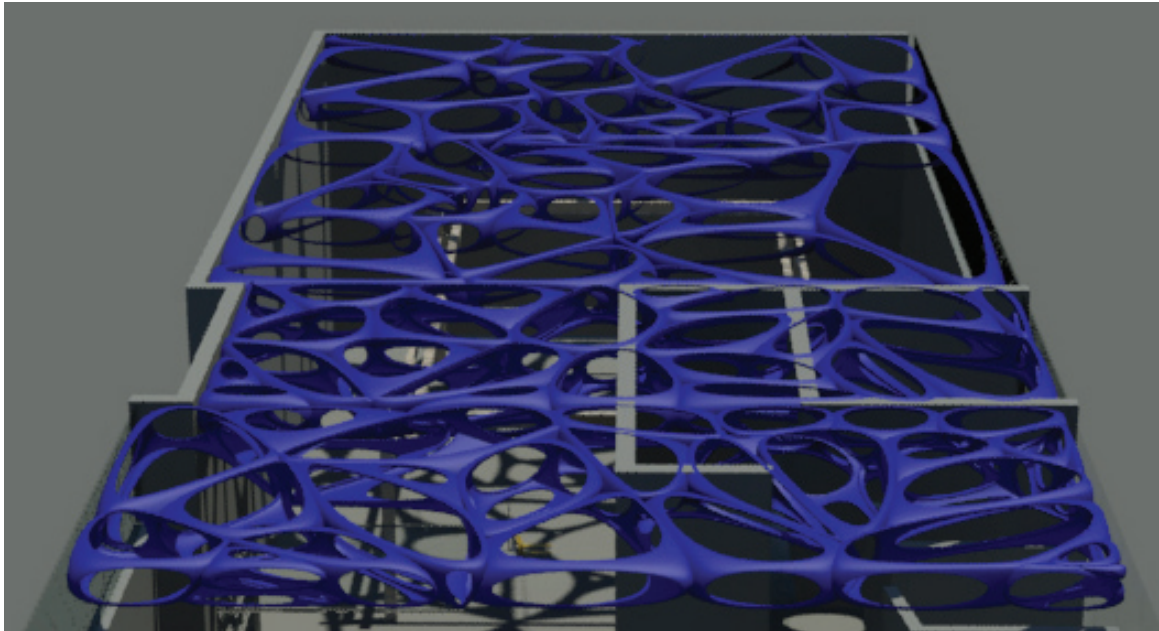
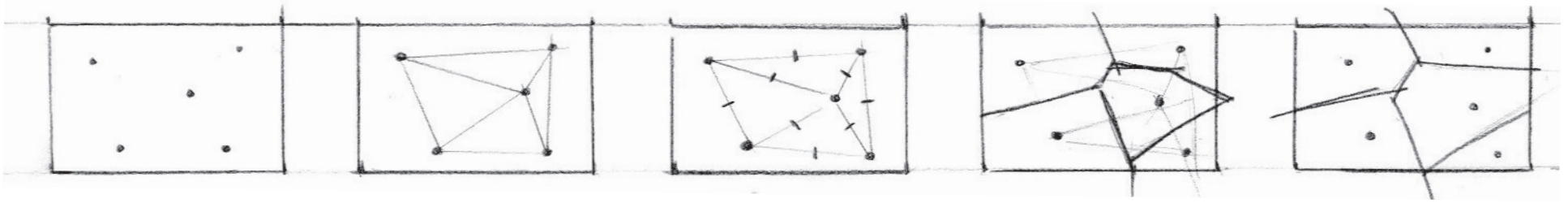


CARROT UNDER MICROSCOPE



Structure Analysis / Voronoi Diagram

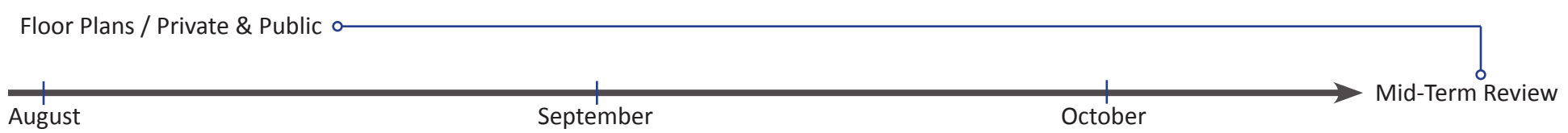
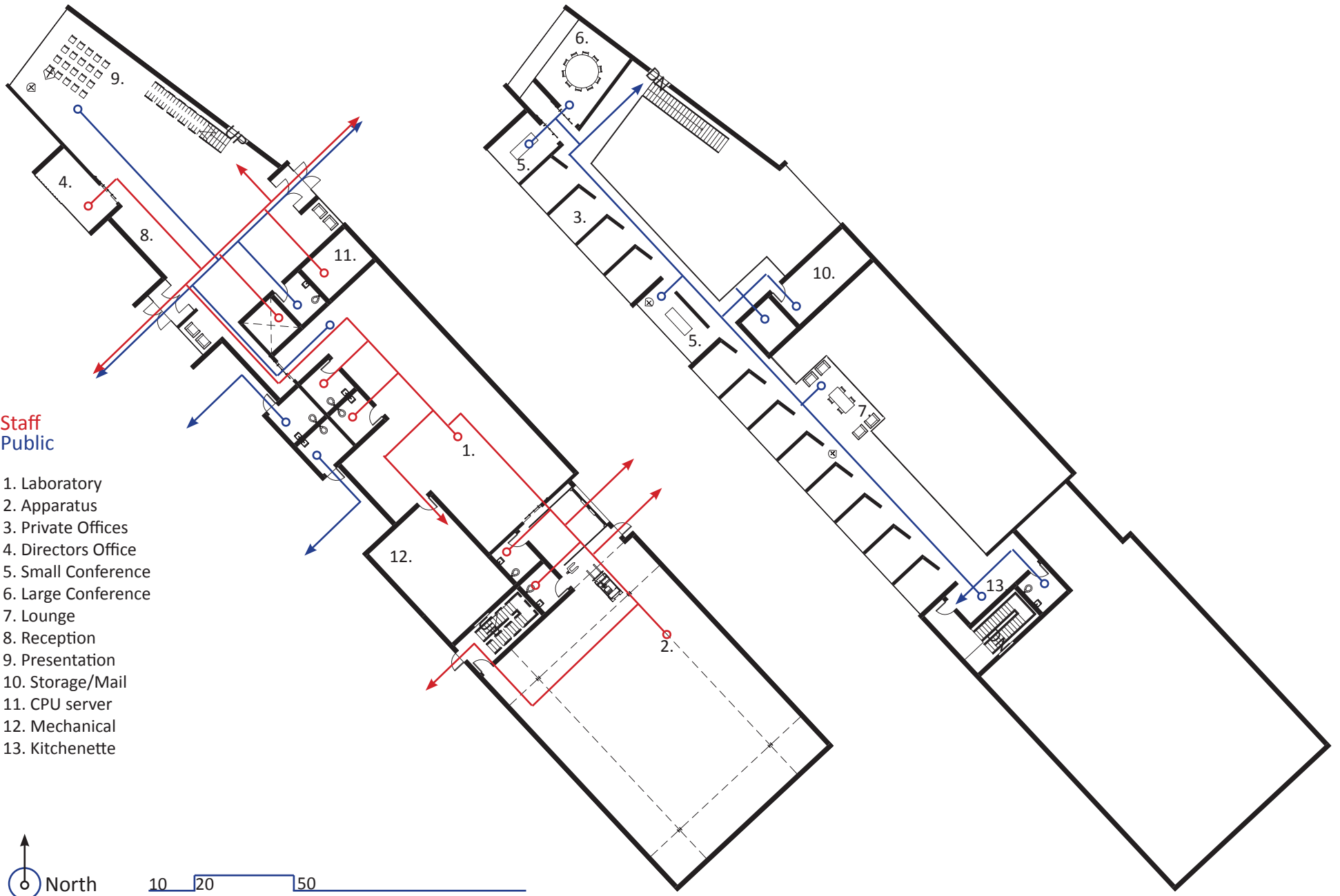
SYMBIOSIS

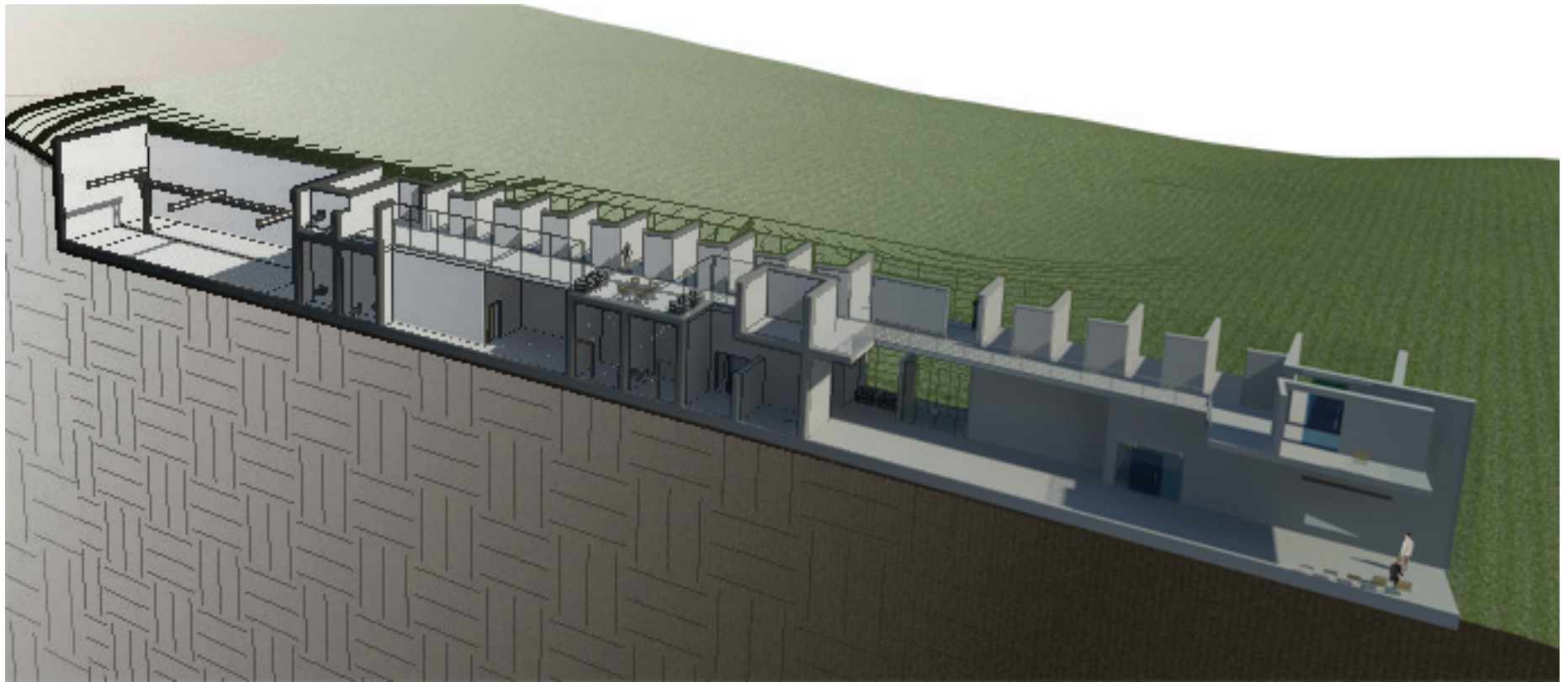


Rather than a conventional space truss which distributes load across regular geometry, voronoi soace truss would distrubute load using voronoi tessellation pattern. Loads are calculated as point generation and carried accross a path according to the voronoi tessleation in three dimensions creating a cellular space frame truss.

Further Analysis / Application







Section ○

