

## PARAMETRIC SKETCHING

## 01 ASPEN TREE | TRUNK PATTERN

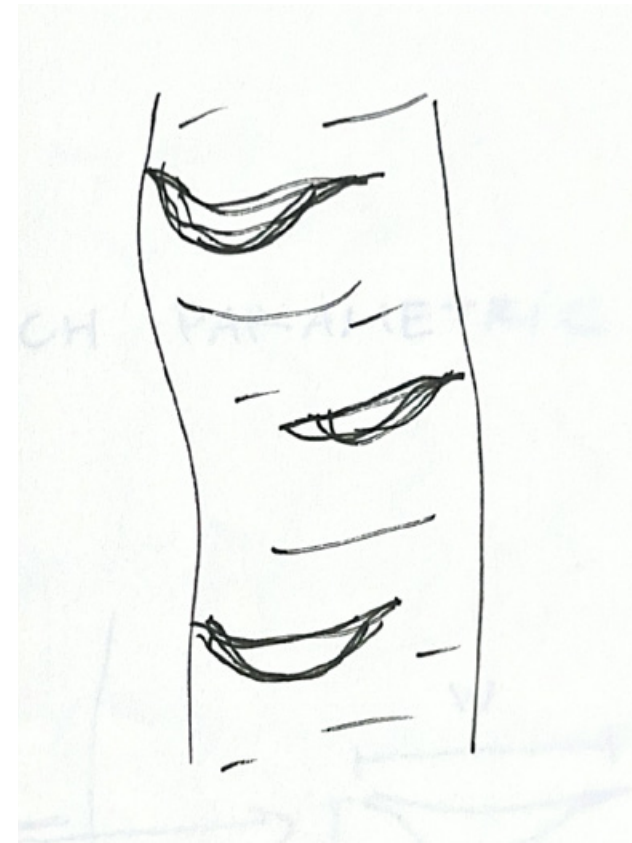
10 MINUTE SKETCH



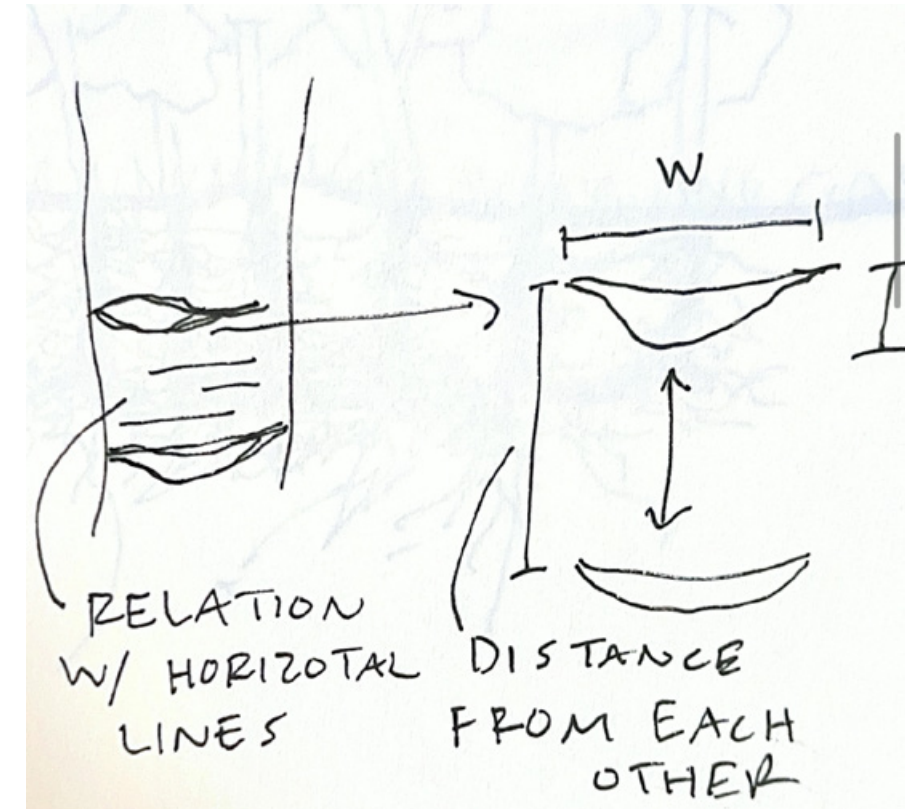
1 MINUTE SKETCH



5 SECOND SKETCH



PARAMETRIC SHAPES



## ASPEN TRUNK PARAMETRIC

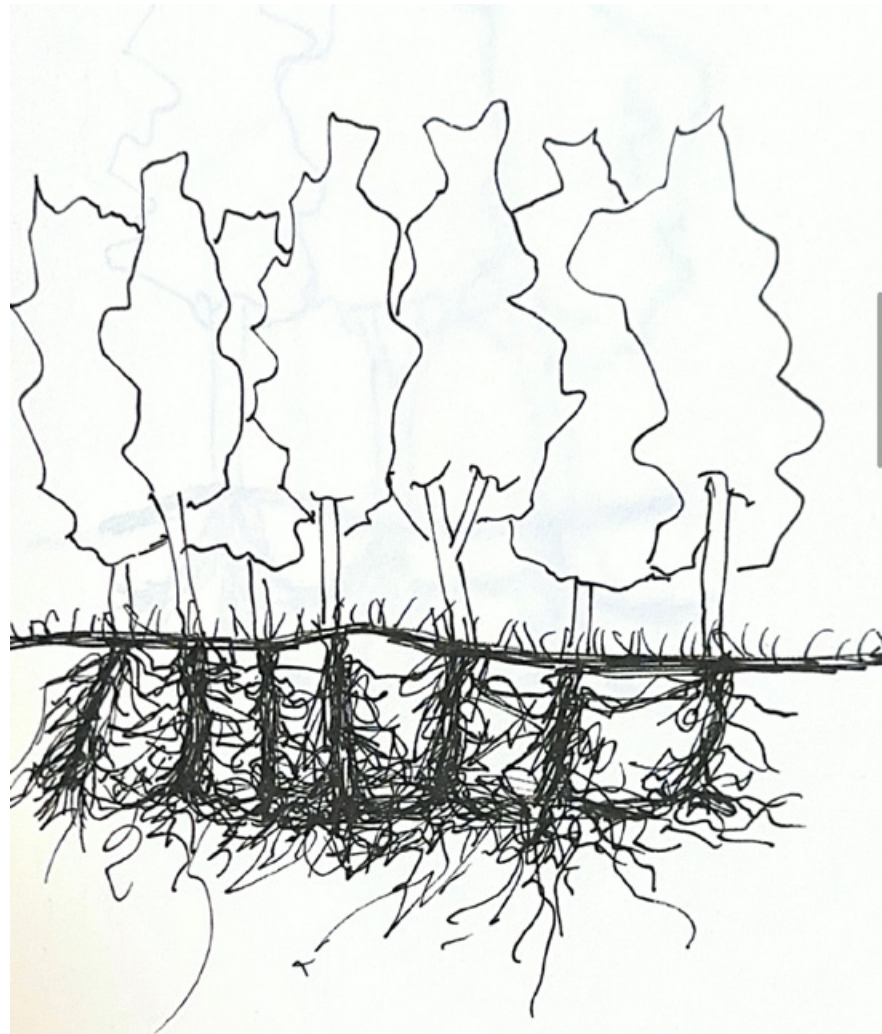
- The change in time between the sketches began to highlight the core patterns creating a clarity. Specifically showcasing the most common shapes that were seen in a repetitive nature.
- The most resilient aspects of the system were the horizontal lines and the scoop shape. Under the time restraints, darker shading and further detail got lost.
- These sketches start to inform parametric thinking in architectural practice by aiding to boil down the pieces that are necessary to maintain the pattern. They began to discuss relations between the pieces in the system.



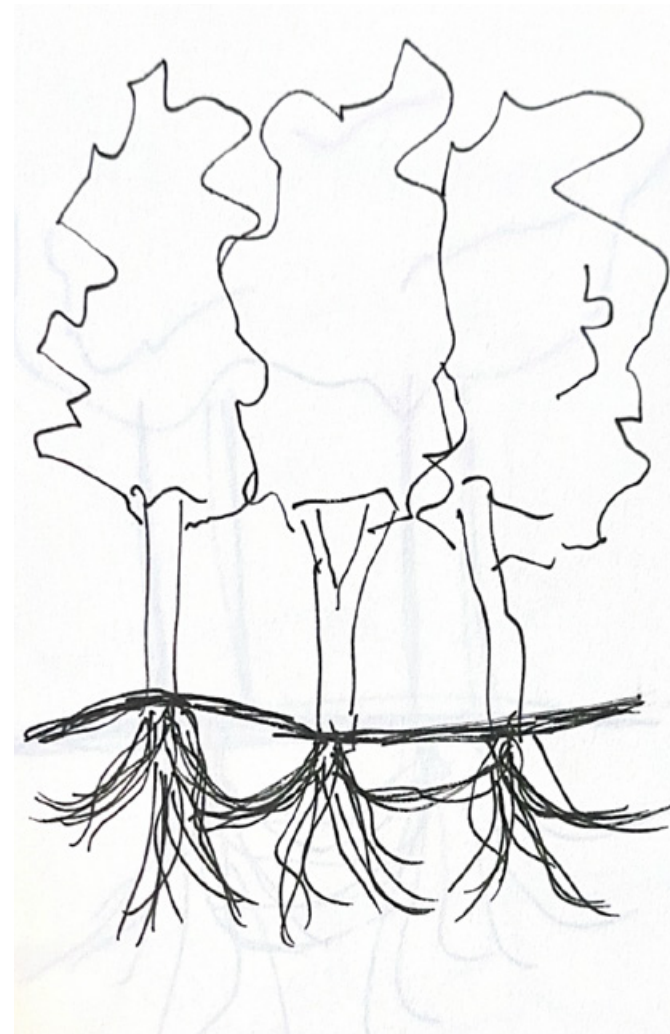
## PARAMETRIC SKETCHING

## 02 ASPEN TREE | ROOT PATTERN

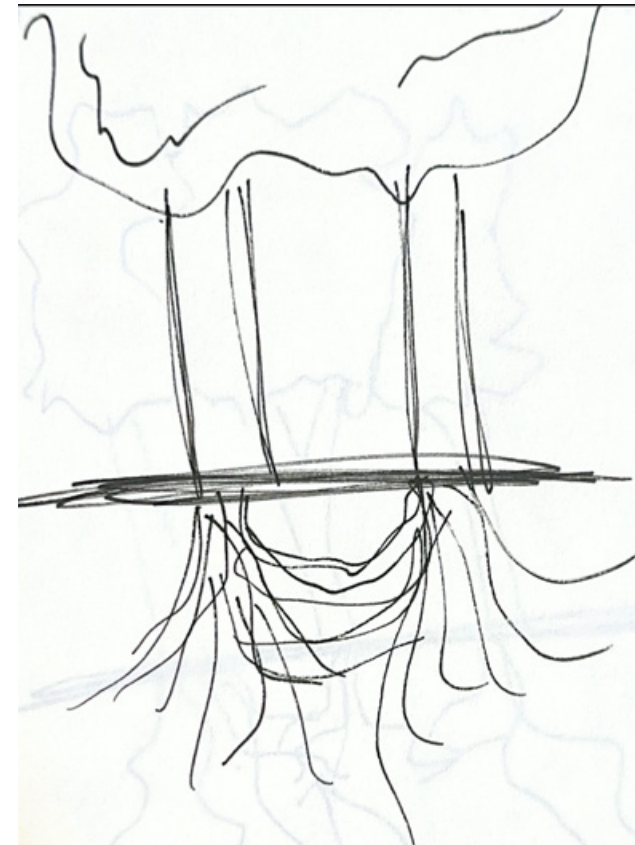
10 MINUTE SKETCH



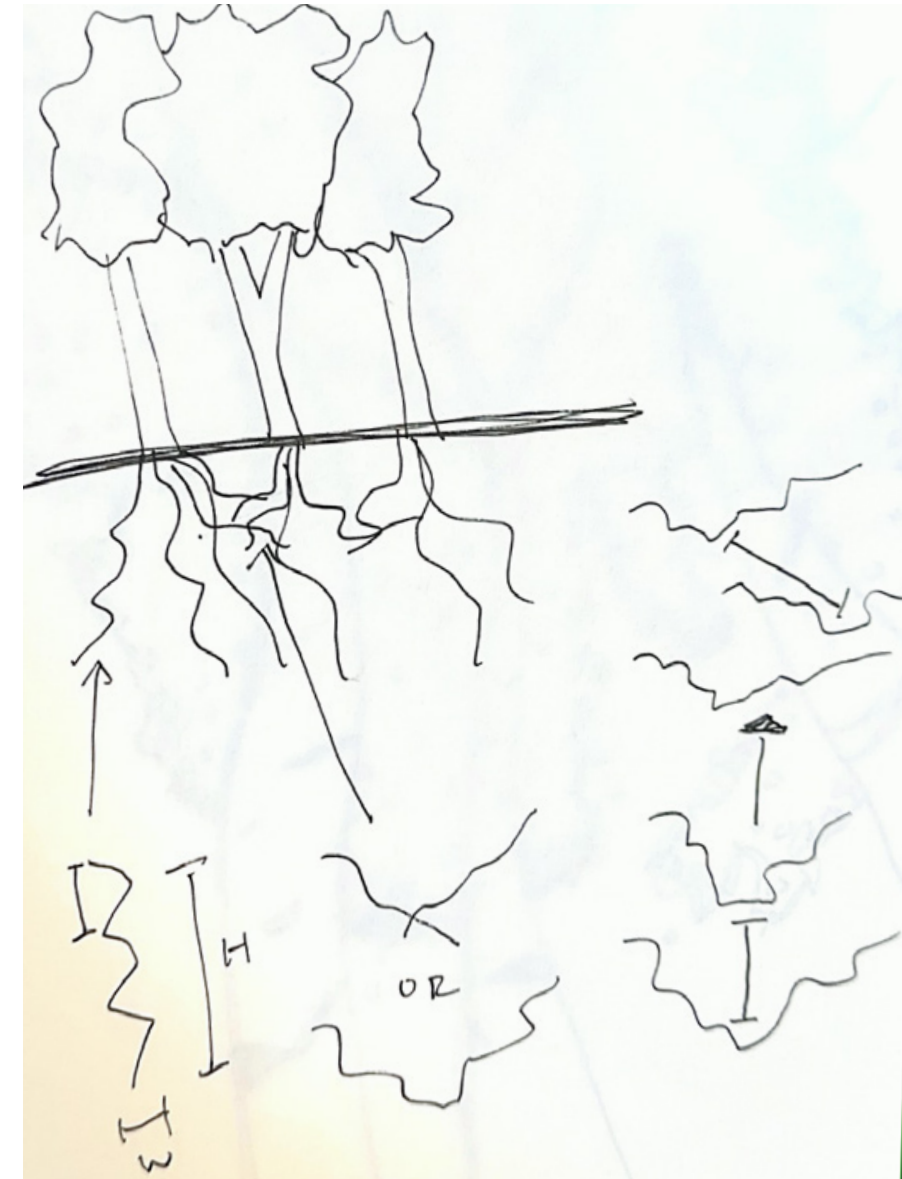
1 MINUTE SKETCH



5 SECOND SKETCH



PARAMETRIC SHAPES



## ASPEN ROOT PARAMETRIC

- The change in time between the sketches aided me when thinking about unseen connections. The 10 minute sketch started out very intense, but by the 5 second sketch I had realized just a few lines could tell the same story.
- The most resilient aspects of the system were the root lines that connect the root systems to one another. It starts to ask the question if these lines meet or cross when they touch.
- These sketches start to inform parametric thinking in architectural practice by taking a conceptual idea and starting to question and or create rules within the system.



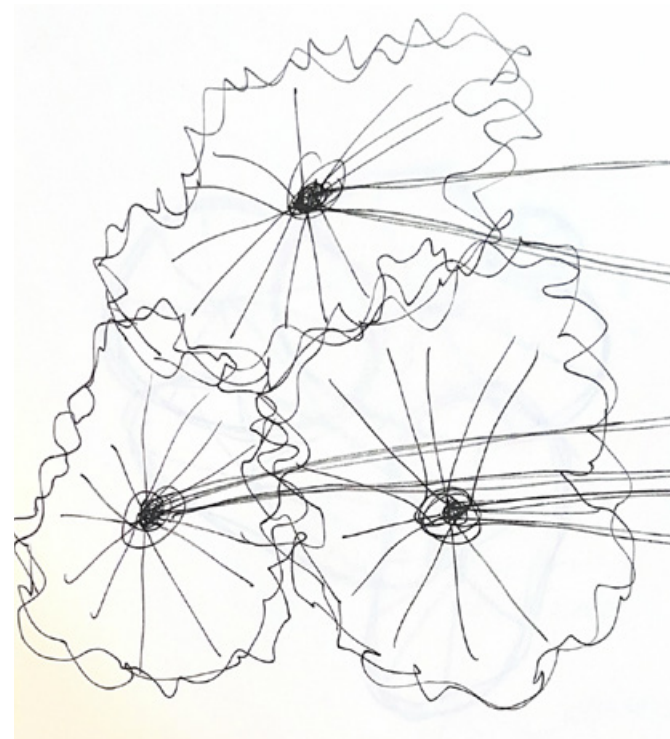
## PARAMETRIC SKETCHING

## 03 ASPEN TREE | CANOPY PATTERN

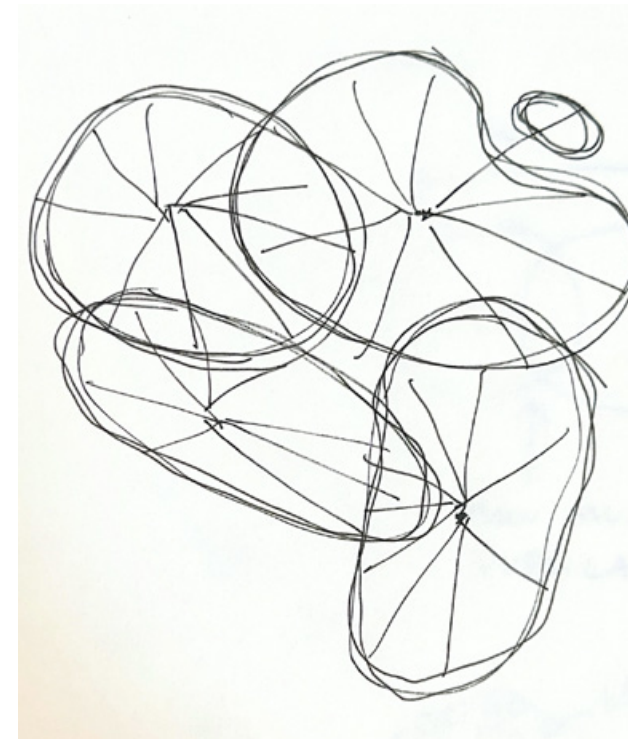
10 MINUTE SKETCH



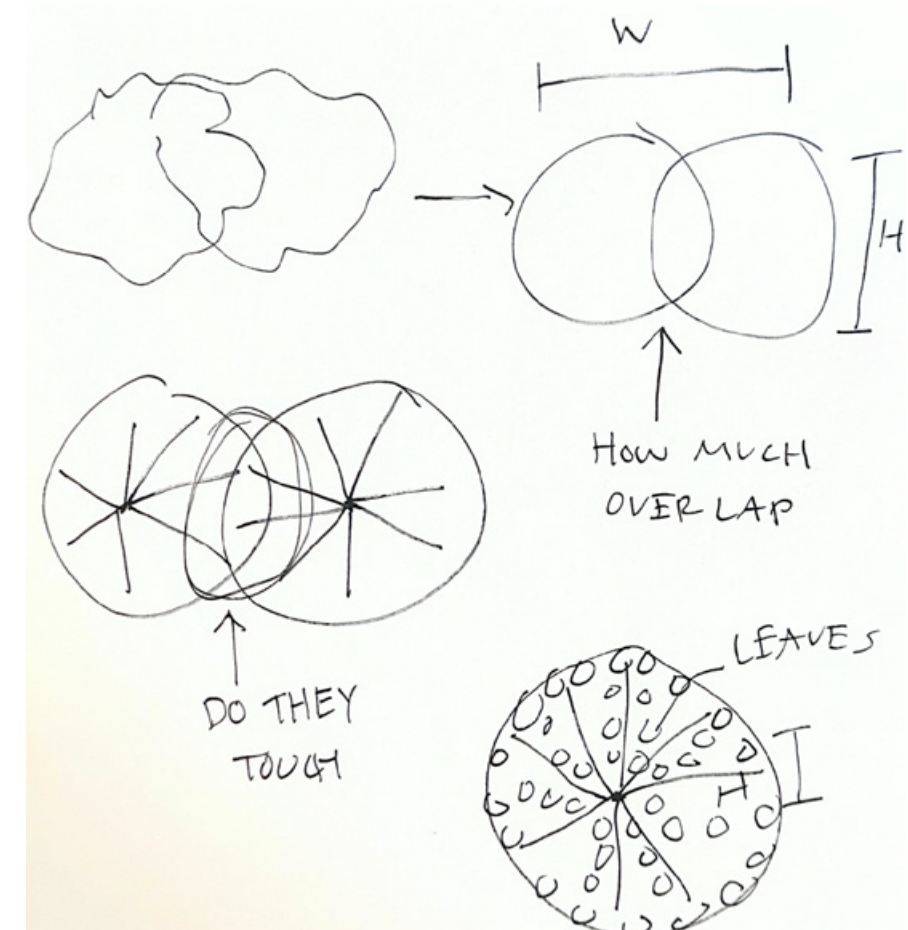
1 MINUTE SKETCH



5 SECOND SKETCH



PARAMETRIC SHAPES



## ASPEN CANOPY PARAMETRIC

- The change in time between the sketches allowed me to clarify what shapes I could derive from a complex system of leaves and branches.
- The most resilient aspects of the system were the circular shapes overlapping. Next lines stemming from a center point and smaller circles could be a secondary consideration.
- These sketches start to inform parametric thinking in architectural practice by reshaping graphical representation of the same system. This started with stripping back to simplicity before reintroducing complexity within a structured means.