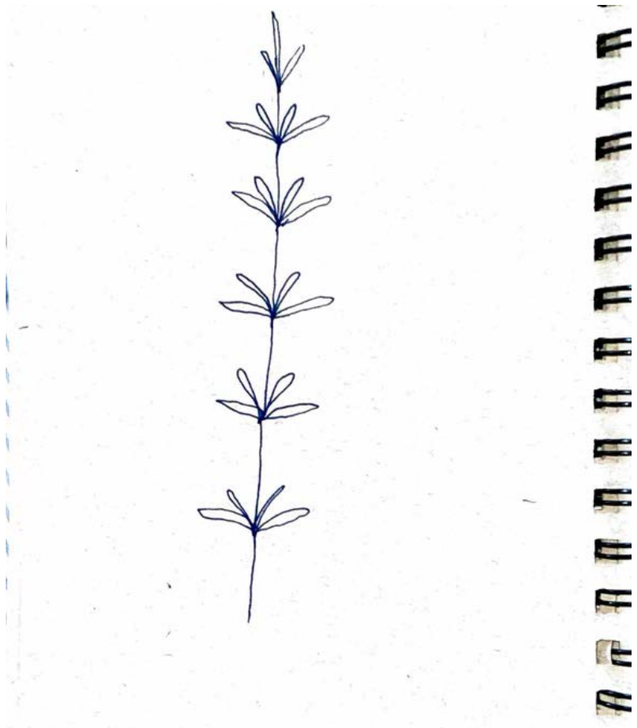
ASSIGNMENT 01

01 SKETCHES | SCHEME ONE

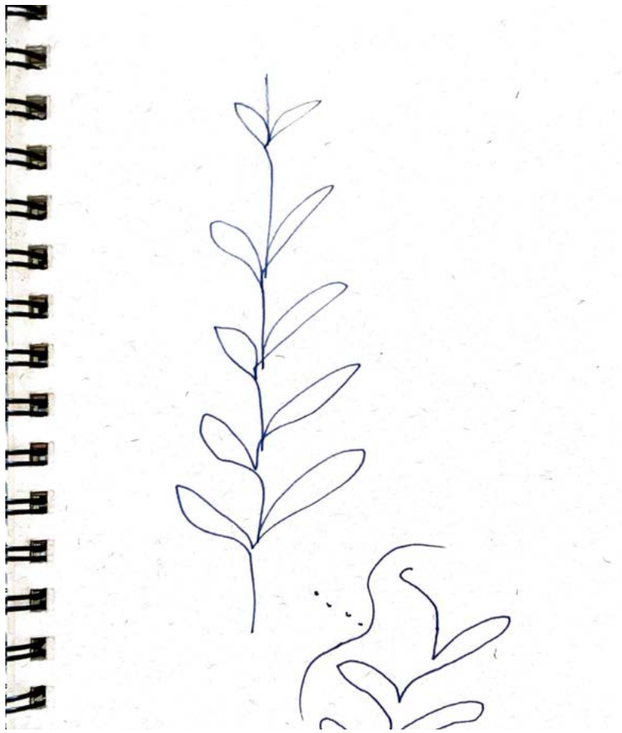
SKETCHING PROTOCOL

10-MINUTE SKETCH:
A careful, detailed exploration of the system.

1-MINUTE SKETCH:
A rapid capture of essential rules, forms, or dynamics.



10-SECOND SKETCH:
An immediate gestural impression of the system.



ELEMENT: Alpine Bluegrass/Sweetgrass

PARAMETERS/VARIABLES: Scale and repitition

CONNECTION: Bundle off of main connection point

REFLECTION

HOW THE CHANGE IN TIME ALTERED YOUR PROCESS AND PERCEPTION OF THE PARAMETRIC SYSTEM.

The evolution over time revealed the parametric system. My initial intention was to use scale as the parametric system, that the detail would be the system. I realized I started my initial drawing without really identifying what it was. I observed how bundles of the grass would stem off the main stem of the grass. Never one on their own, i study this in plan view as well. I finished the drawing fast and had five minutes remaining so I looked closer and found an even smaller parametric system. The very tips where the grass ended contained tiny tear drop seeds of some sort that layered together to form the larger tear drop like end.

MOST RESILIENT ASPECTS ACROSS TIME CONSTRAINTS, WHAT DETAILS COLLAPSED UNDER SPEED.

The overall form and branching pattern held across all time frames. Even in the 10-second sketch, the bundles radiating from the main stem remained clear. What collapsed under speed were the finer details, the seeds, textures, and layered endings of the grass tips.

HOW THIS EXERCISE MIGHT INFORM PARAMETRIC THINKING IN ARCHITECTURAL DESIGN PRACTICE.

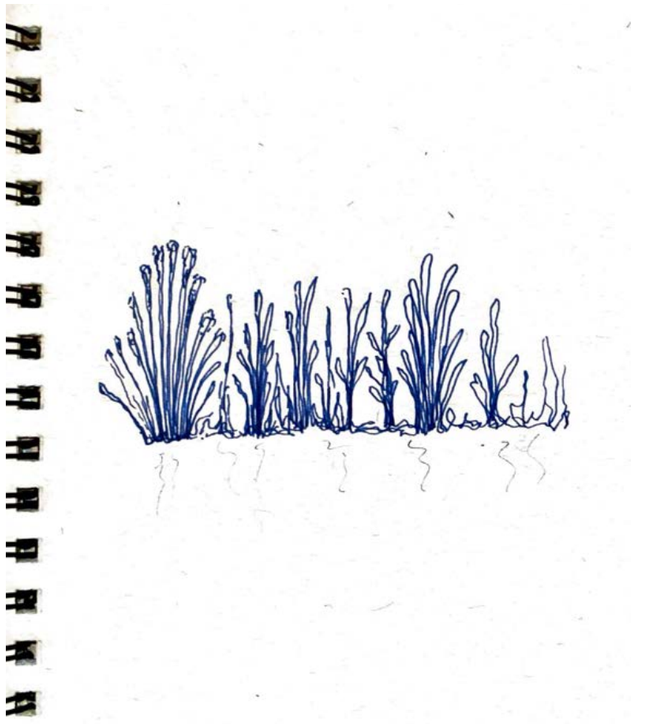
The system was revealed through the act of drawing, not predefined. Parametric design can emerge in the same way,discovered through process and iteration rather than fixed at the outset.

ASSIGNMENT 01

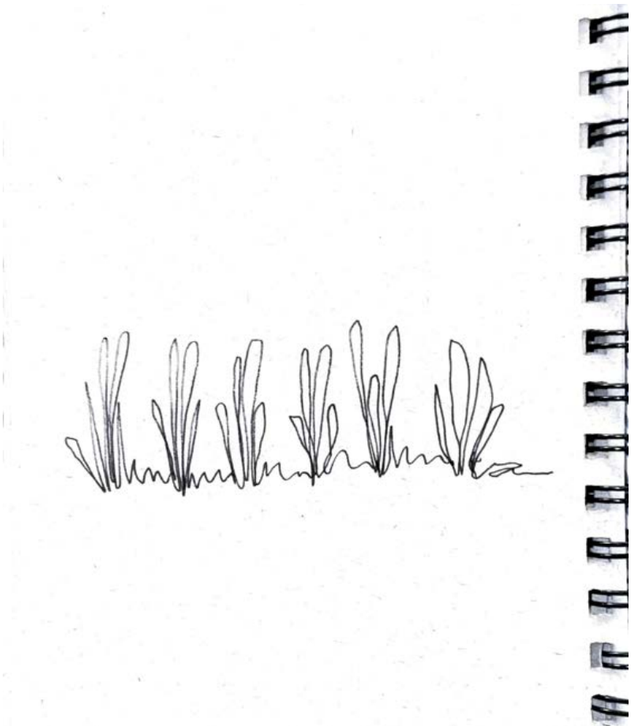
01 SKETCHES | SCHEME TWO

SKETCHING PROTOCOL

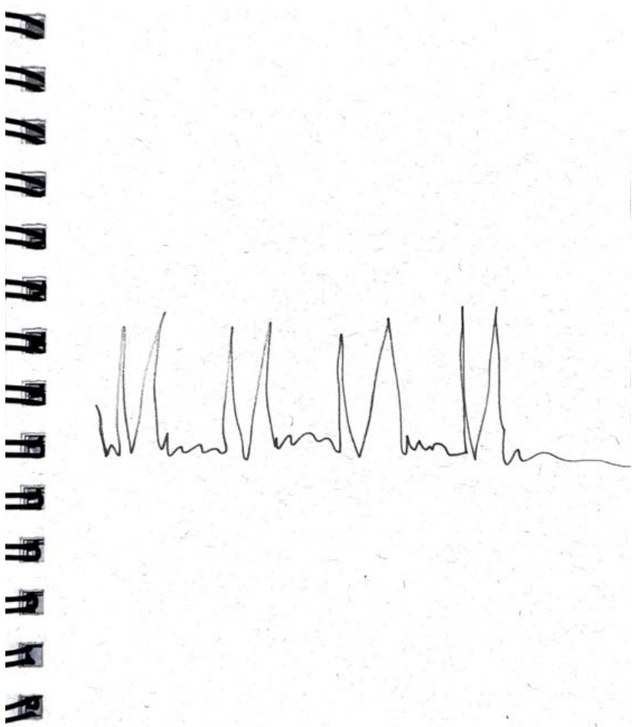
10-MINUTE SKETCH:
A careful, detailed exploration of the system.



1-MINUTE SKETCH:
A rapid capture of essential rules, forms, or dynamics.



10-SECOND SKETCH:
An immediate gestural impression of the system.



REFLECTION

HOW THE CHANGE IN TIME ALTERED YOUR PROCESS AND PERCEPTION OF THE PARAMETRIC SYSTEM.

In this study I focused on the grass in profile, showing its shifts in height and density. Over time, what emerged was not the individual blades but a continuous line of connection. In a field, the closest plants are easy to distinguish, yet the density of the background blurs them into a singular entity. The study revealed this interconnection, the system existing less in the single strands and more in their layered relationship.

MOST RESILIENT ASPECTS ACROSS TIME CONSTRAINTS, WHAT DETAILS COLLAPSED UNDER SPEED.

The finer detail of the grass collapsed. Individual strands disappeared, replaced by sharper, more abstract marks. The drawings held the overall rhythm but lost their organic nature.

HOW THIS EXERCISE MIGHT INFORM PARAMETRIC THINKING IN ARCHITECTURAL DESIGN PRACTICE.

This study underscored how parametric thinking can capture connection and geometry, revealing systems not in isolated parts, but in the relationships that emerge through time and repetition.

ELEMENT: Alpine Bluegrass/Sweetgrass

PARAMETERS/VARIABLES: Layering, time, Connection

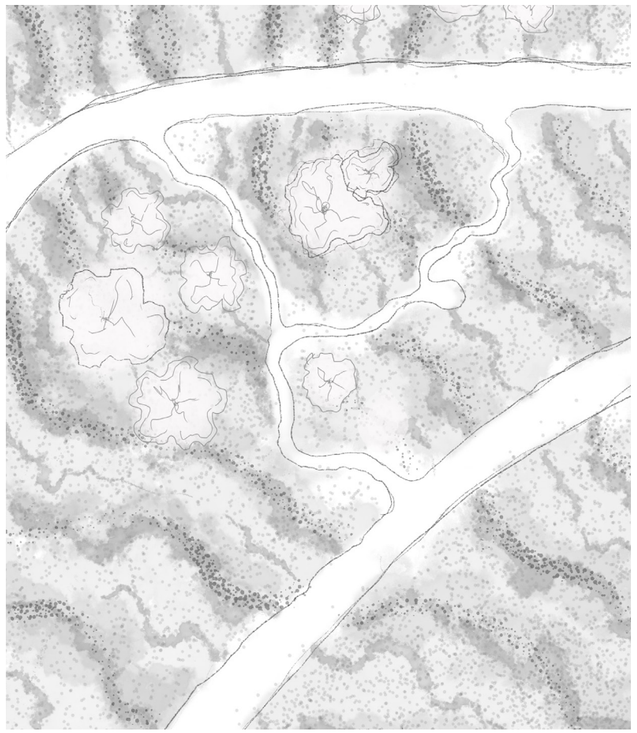
CONNECTION: Continuous line

ASSIGNMENT 01

01 SKETCHES | SCHEME THREE

SKETCHING PROTOCOL

10-MINUTE SKETCH:
A careful, detailed exploration of the system.



1-MINUTE SKETCH:
A rapid capture of essential rules, forms, or dynamics.

10-SECOND SKETCH:
An immediate gestural impression of the system.

REFLECTION

HOW THE CHANGE IN TIME ALTERED YOUR PROCESS AND PERCEPTION OF THE PARAMETRIC SYSTEM.

In this scheme I wanted to showcase how to wind informed the grass. Looking out into the field The grass would dance. It had a movement with itself that I wanted to capture in a parametric way. My articulation of this changed in each study. It was difficult to capture as I tried to imagine it from a birds eye view flowing in-between the trail systems.

MOST RESILIENT ASPECTS ACROSS TIME CONSTRAINTS, WHAT DETAILS COLLAPSED UNDER SPEED.

By the final drawing I let go of the trails completely I returned to the wave like shapes the grass made collectively and let that define it through large strokes. At the end scale was lost and motion remained

HOW THIS EXERCISE MIGHT INFORM PARAMETRIC THINKING IN ARCHITECTURAL DESIGN PRACTICE.

This study revealed how a huge system (where I started with trees and trails and stippling to define the grass) can be widdled down into one large movement.

ELEMENT: Alpine Bluegrass/Sweetgrass

PARAMETERS/VARIABLES: Layering, Movement

CONNECTION: Motion