

# Grain - Repurpose

Project Task: Re-purpose the waste material accumulated during the production of Grain surfboards.

## About Grain:

Grain surfboards is a surfboard manufacturing company located in York Beach, ME. Known for their traditional and sustainable wooden surfboards, Grain uses locally grown materials and continuously strives to develop new techniques on how to reduce and reuse their waste material.

Waste materials from the production of Grain surfboards includes:

- wood
- wood shavings
- plastic containers
- fiberglass
- resin
- sanding disks
- wooden paint brush handles
- aluminum glue tubes

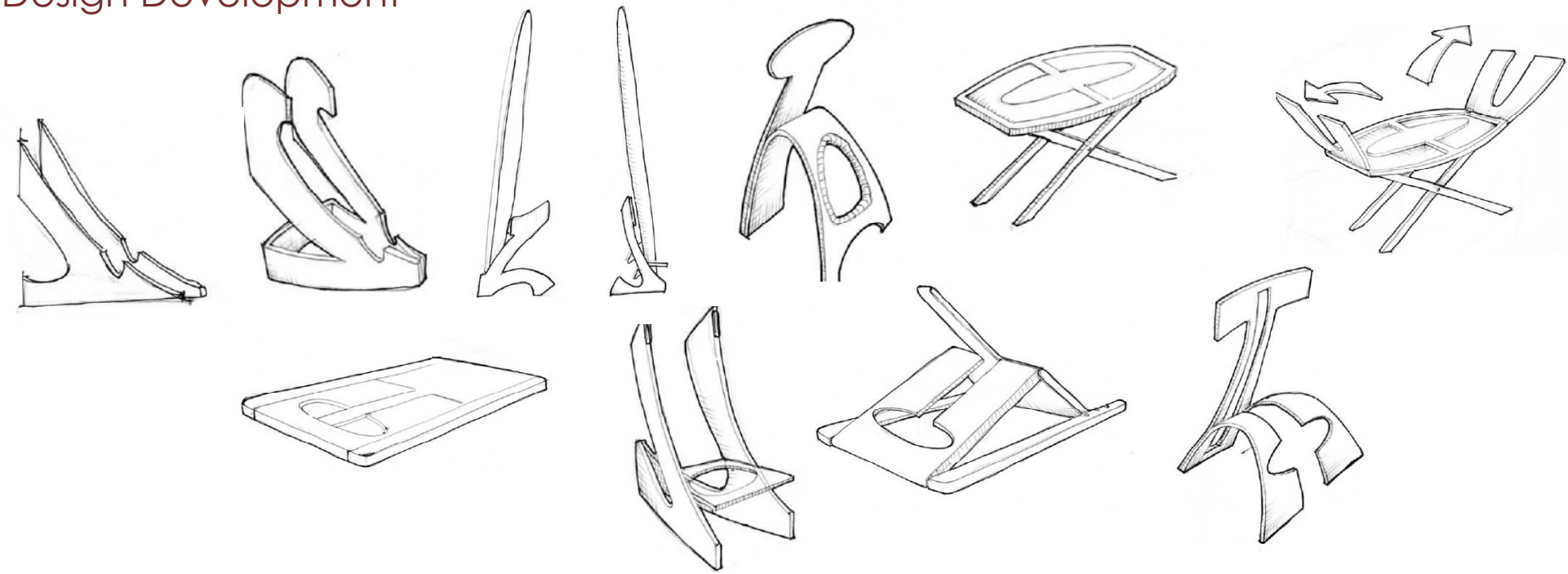
## Design Direction

From the waste material left over, scraps of **wood** seemed to allow for the most freedom with designing more substantial objects, such as surfboard racks and stands.

## Design Criteria

- easy to fold out and store away
- is able to fold up flat
- can be used both indoors and outdoors
- space saving
- should still display the board nicely

## Design Development



## Final Design

The final design of the stand is constructed solely from Grain's scrap cedar wood. The stand is fully collapsible, allowing for easy storage and transport. The cradle is lined with foam to prevent damage to the boards and is also cut to allow space for standard board fins.

