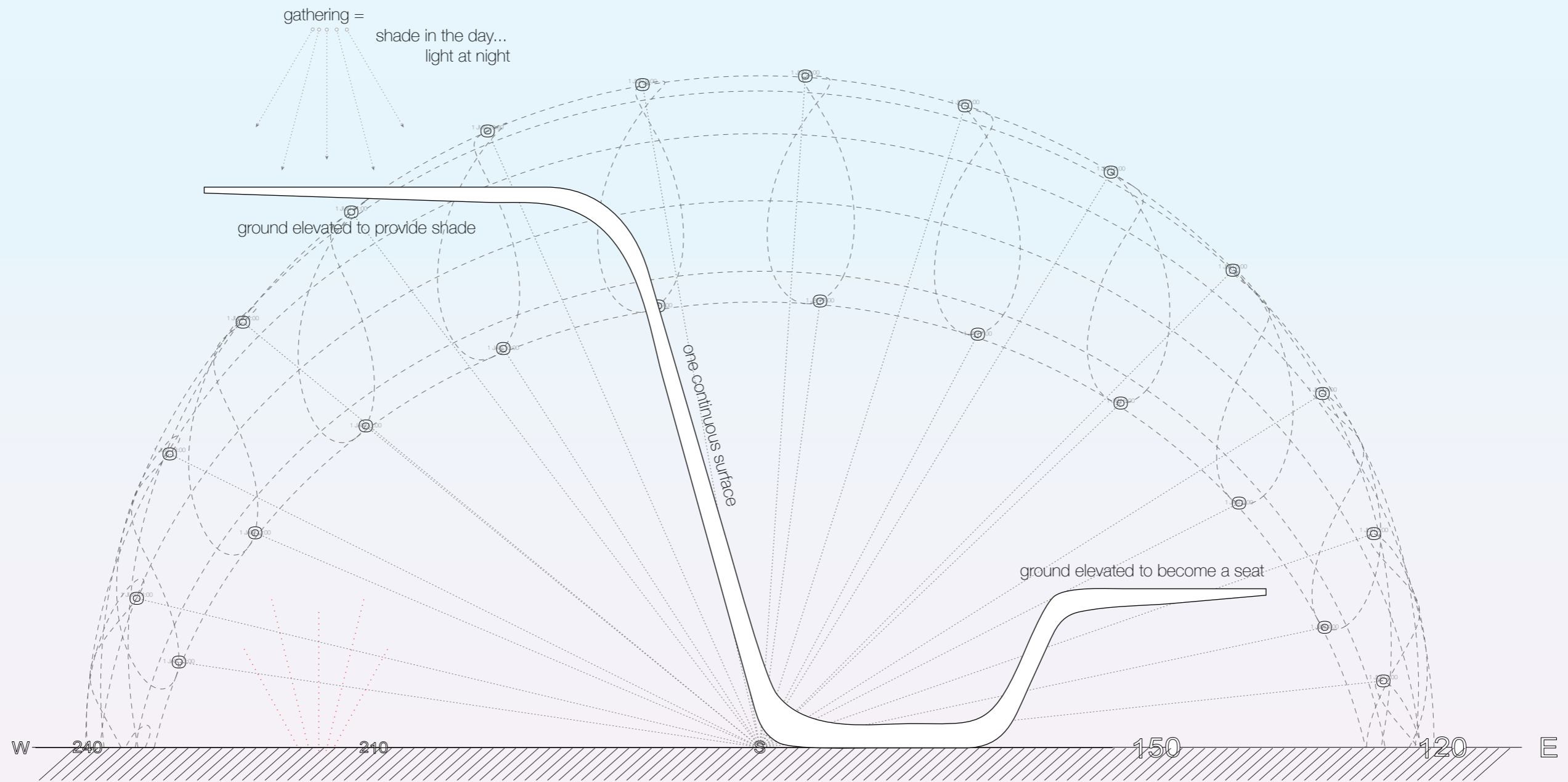


CLUSTERED_GROUNDS

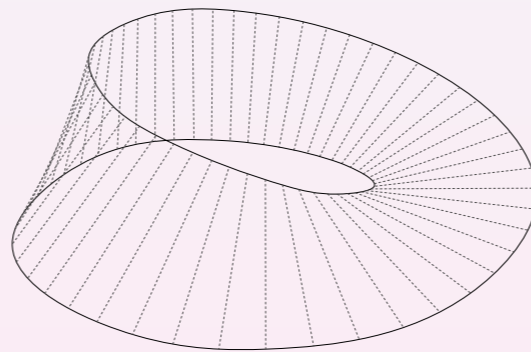


ISLAMIC CALLIGRAPHY



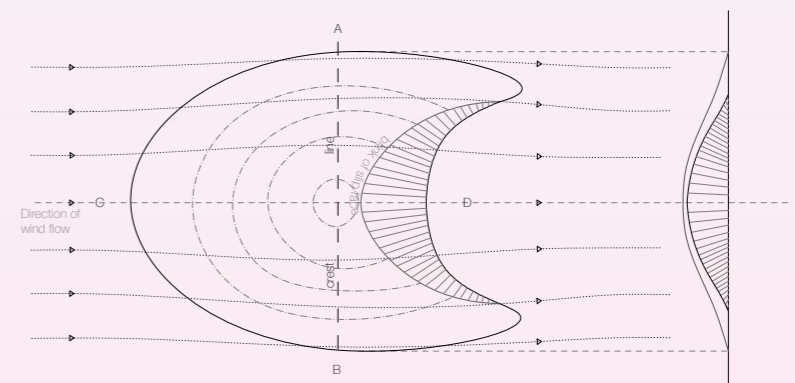
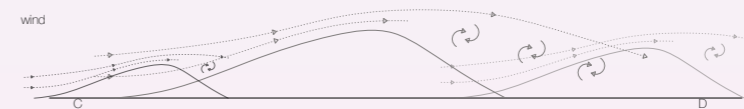
...its all about the line

TOPOLOGICAL SURFACES

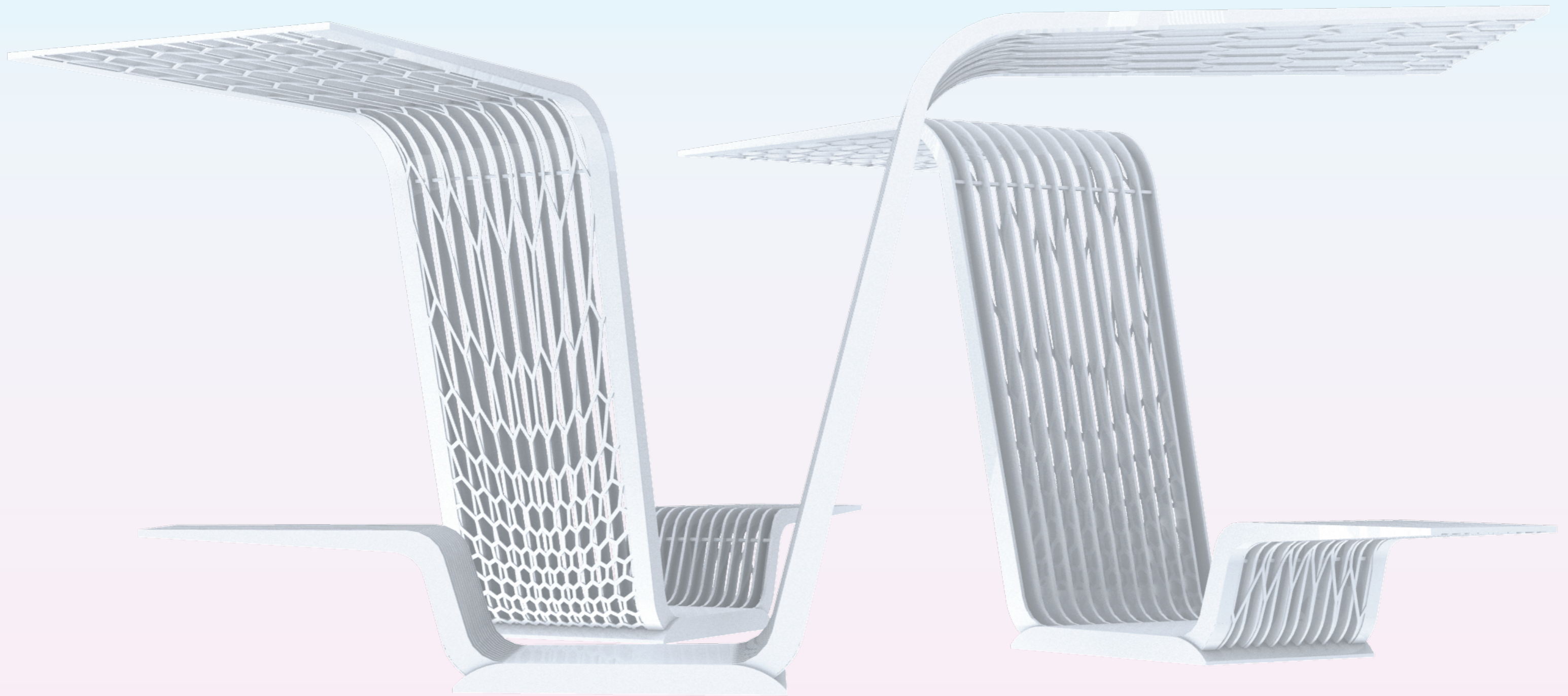


...continuous surface

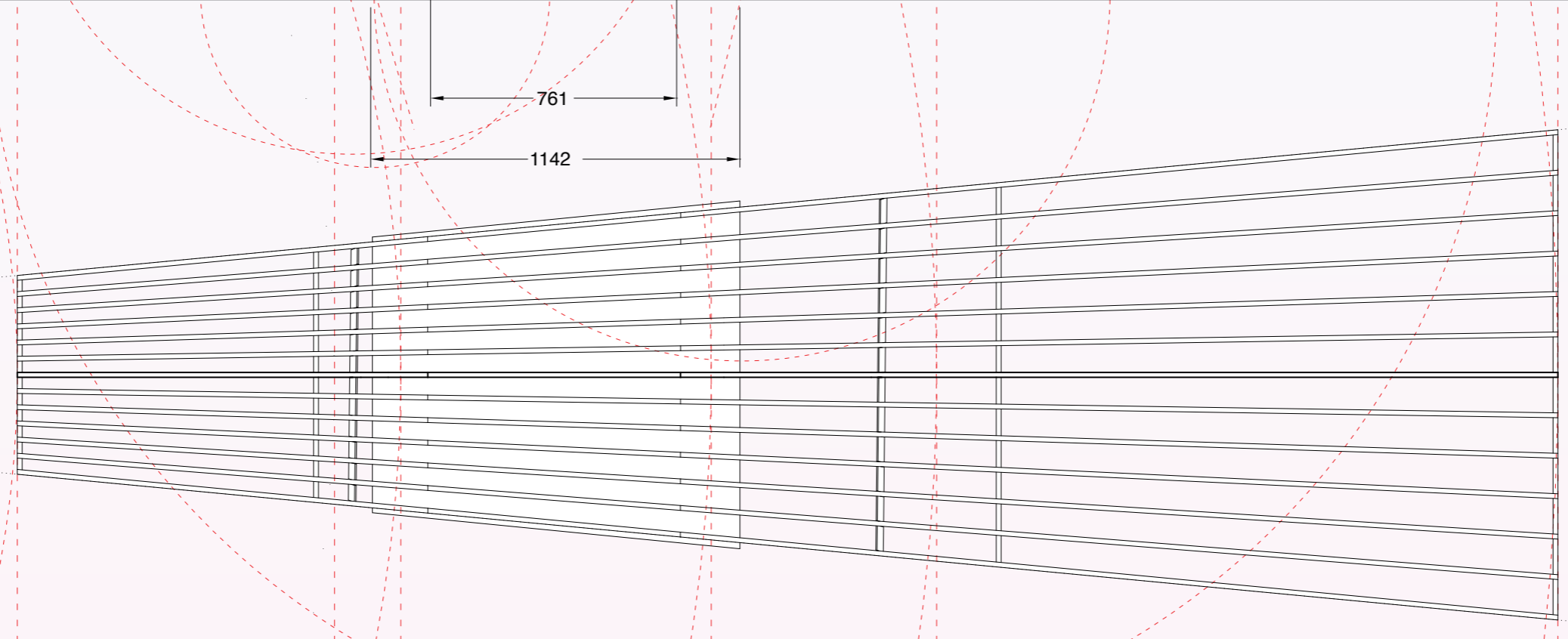
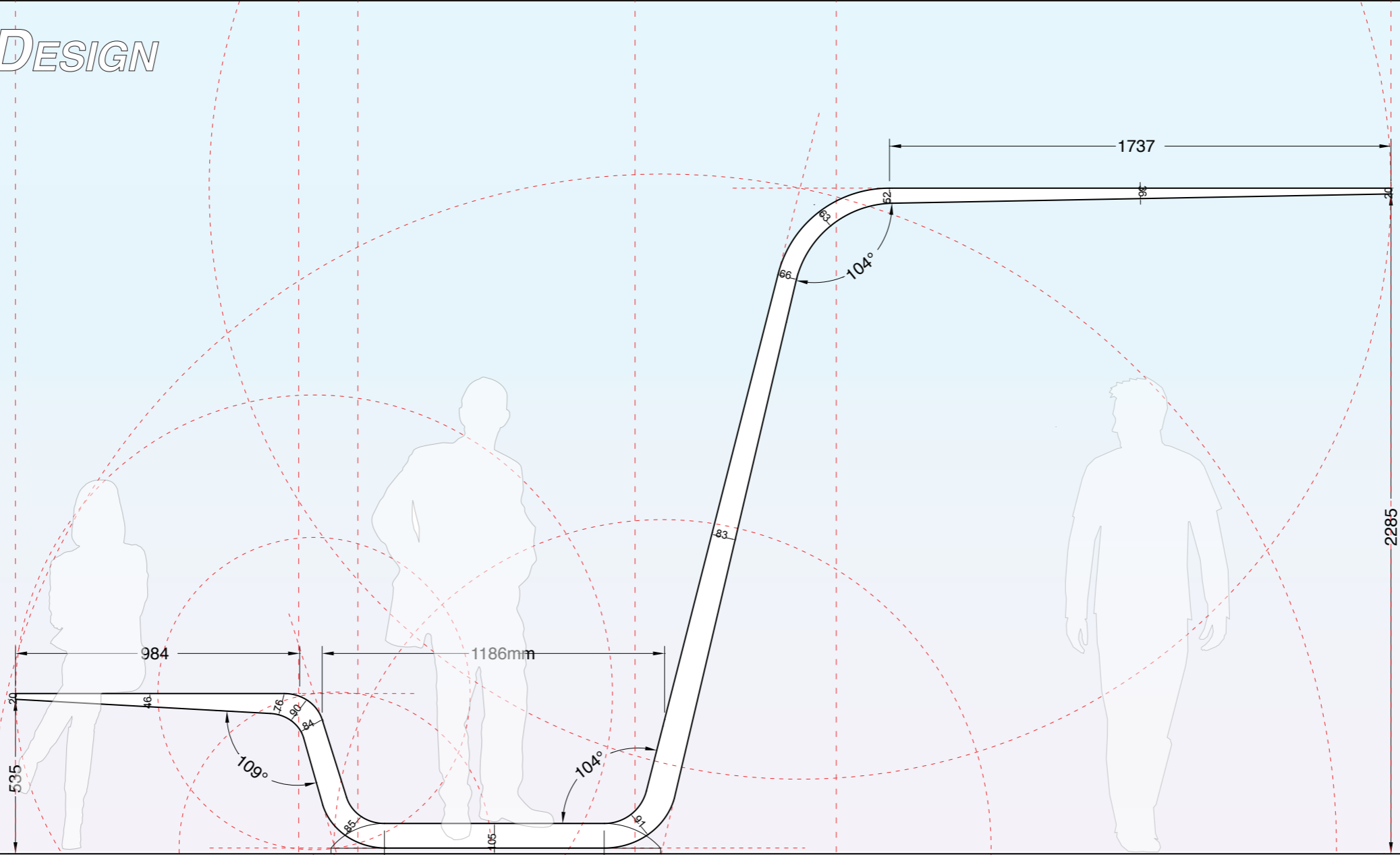
DUNE-FIELD MORPHOLOGY



...deformations in the ground



DIMENSIONED DESIGN



CONTEXT = DECORATIVE + STRUCTURAL

The Load in the structure is carried by the steel beam sections, this allows the decorative skin to be free of any load-bearing constraints.

Its primary purpose is to tie the structure into its local context. Using patterns that are derived from surrounding buildings and distinguishing one cluster space from another.

In this way every gathering space could be reflective of its neighbourhood. The geometry of the D3 pod would be very different to one in Dubai Souq.

DECORATIVE SKIN OPTIONS

STRUCTURAL PERFORMANCE

DECORATIVE SKIN OPTIONS



The decorative-screen would be fabricated from thin 3mm sheet steel.

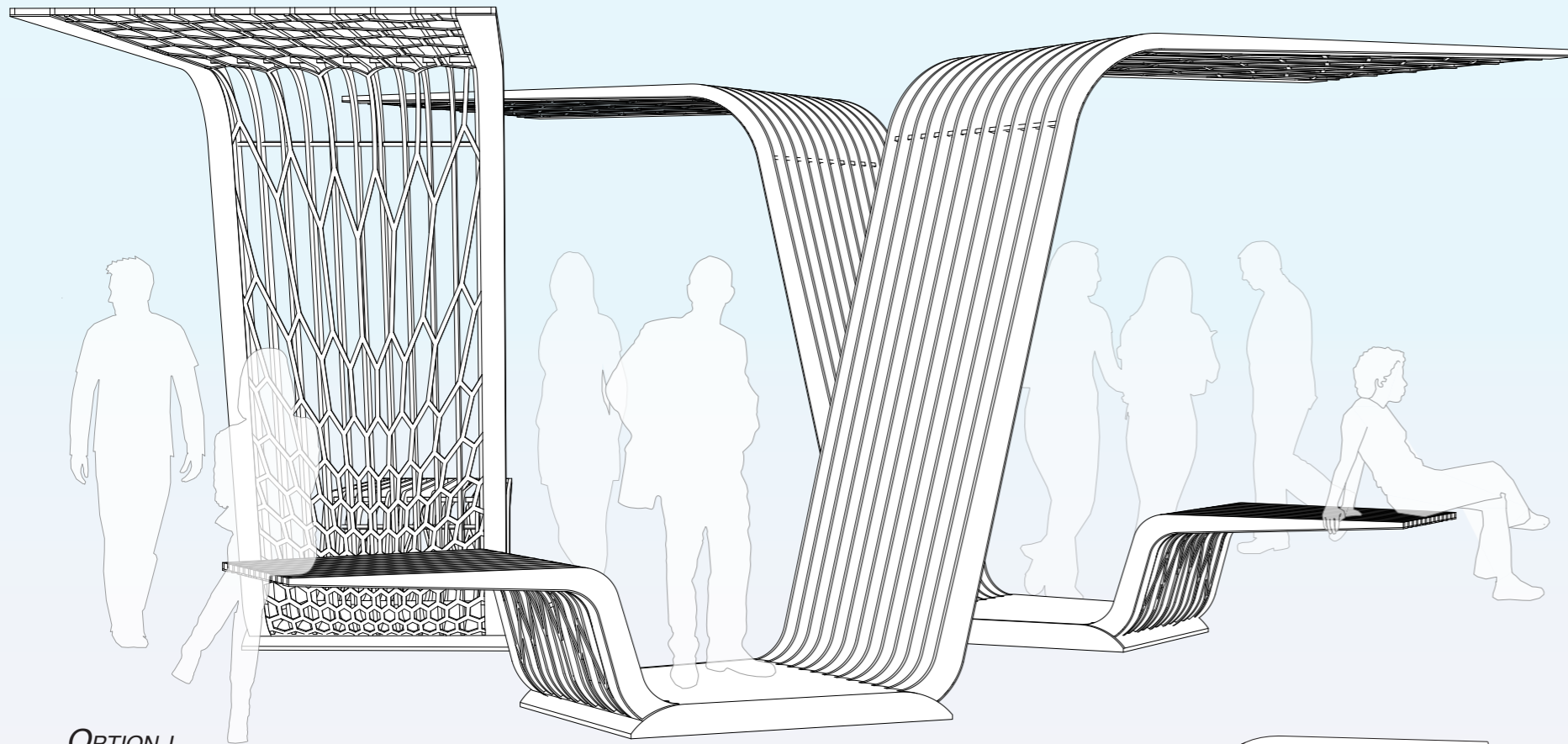
It could be easily cut on a flat-bed water jet or laser cutting machine and then powdered coated in semi-gloss white.

When being installed the panel would simply need to be bent and screwed into position.

FUNCTION & FLEXIBILITY

These are just some gathering spaces that could be assembled from the units below. Each gathering would change according to its position in d3, and according to its use and the size needed.

This would create a continuous aesthetic language across all the spaces, in line with the clean design of the d3, but at the same time providing enough variation to create interest and attract people who could discover the different spaces.

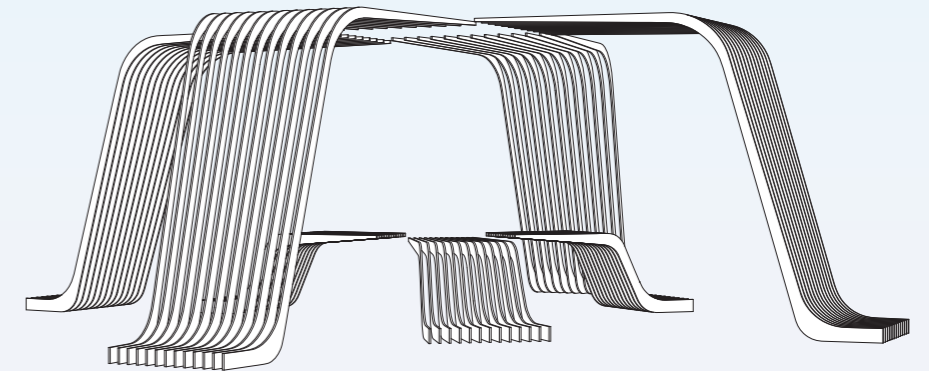


OPTION I
PROPOSED CLUSTER

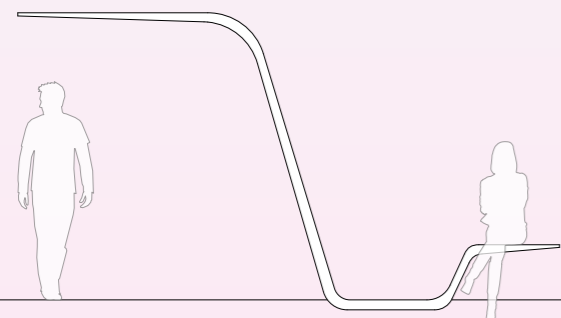
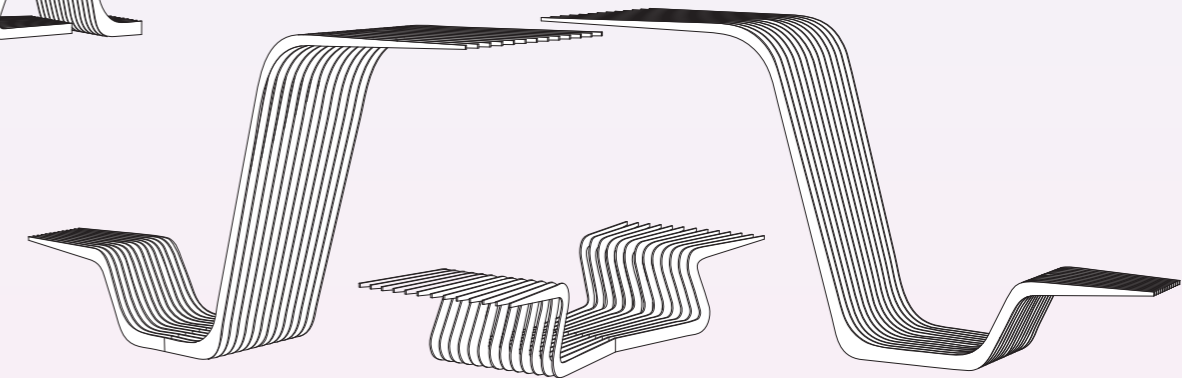
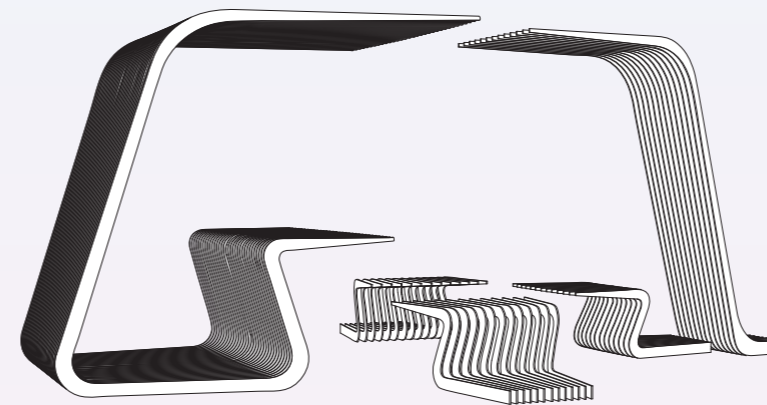
FUNCTION:
to shade | to seat | to gather

PROGRAM:
Gathering space with seating and potential for pop-up facilities such as a coffee shop or temporary retail space

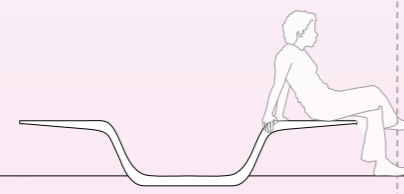
Capacity:
9 - 12 people (seated)
20+ (gathering)



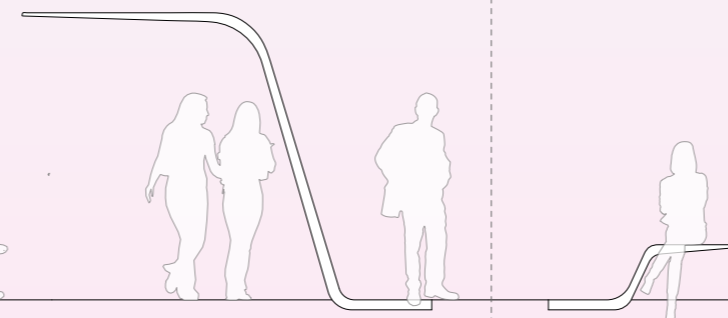
OPTION II, III, IV
ALTERNATIVE CLUSTERS



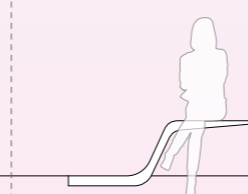
I - CANOPY/BENCH



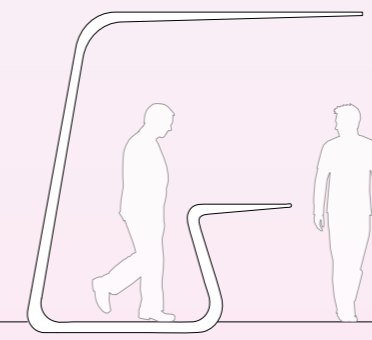
II - BENCH/BENCH



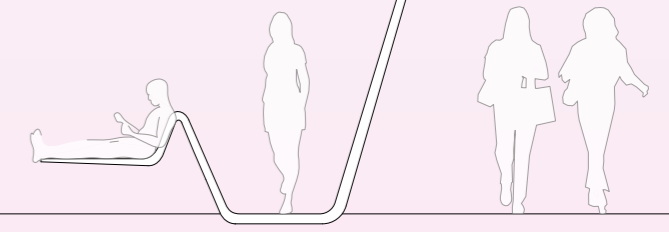
III - CANOPY



IV - BENCH

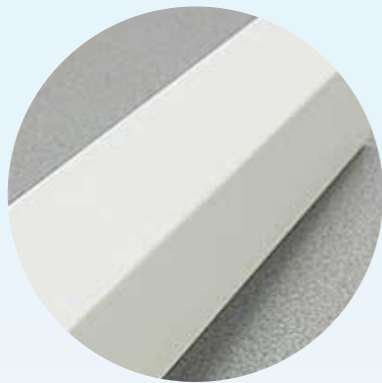


V - POP UP SHOP



VI - RECLINER/CANOPY

MATERIALITY & DURABILITY



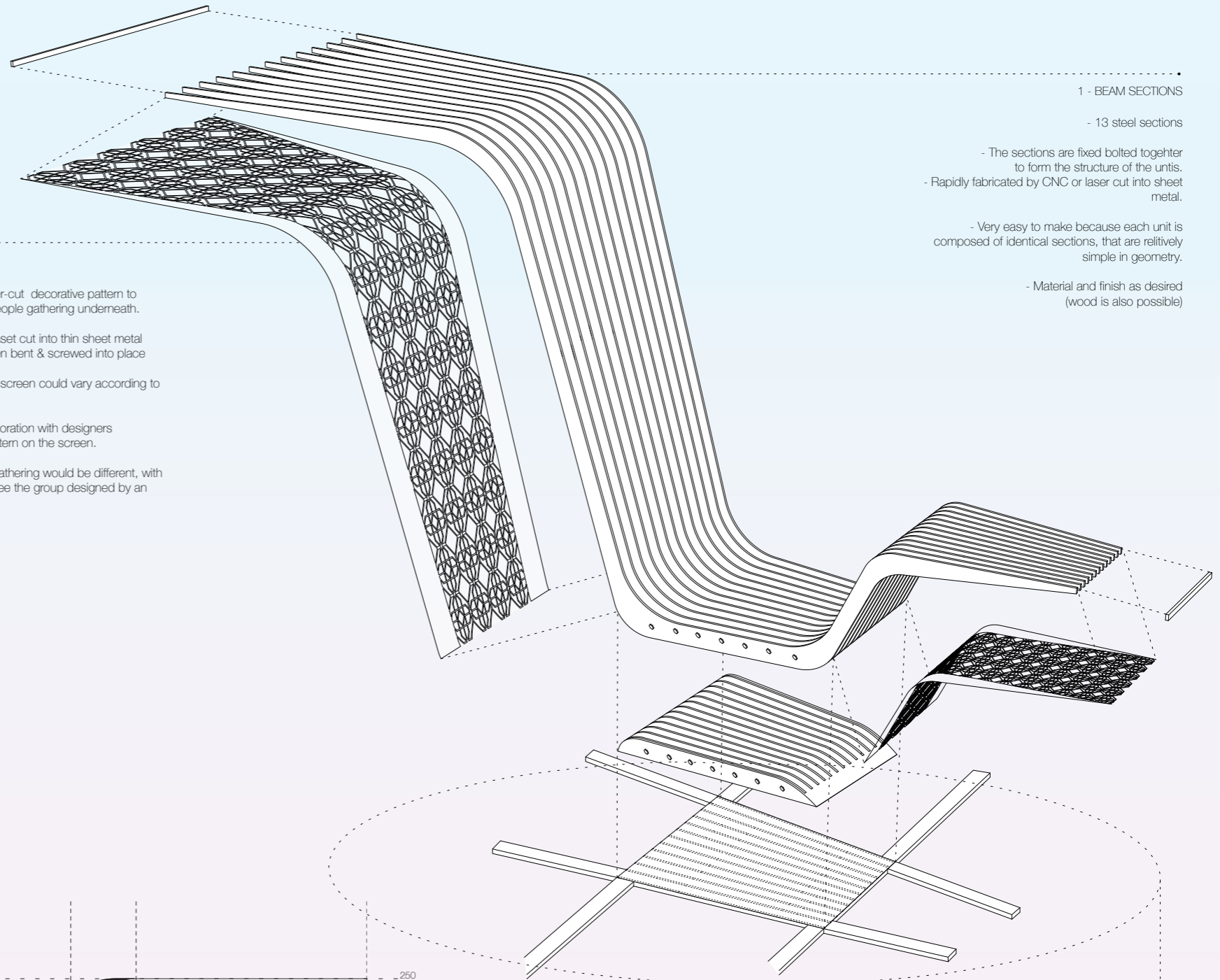
WHITE POWDER-COATING | SEMI-GLOSS
weather & rust resistant



WHITE GRAVEL STONES
easily installed & low cost



MILD STEEL | ROLLED & SHEET
low cost & easily worked

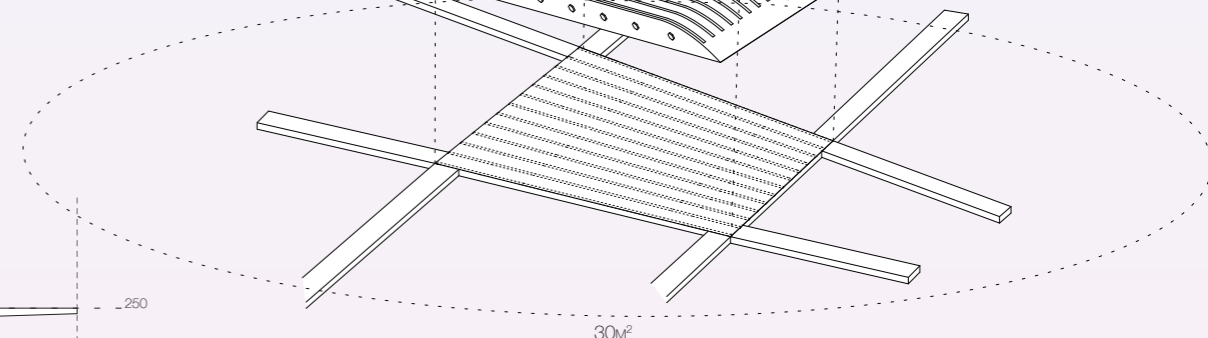


1 - BEAM SECTIONS

- 13 steel sections
- The sections are fixed bolted together to form the structure of the units.
- Rapidly fabricated by CNC or laser cut into sheet metal.
- Very easy to make because each unit is composed of identical sections, that are relatively simple in geometry.
- Material and finish as desired (wood is also possible)

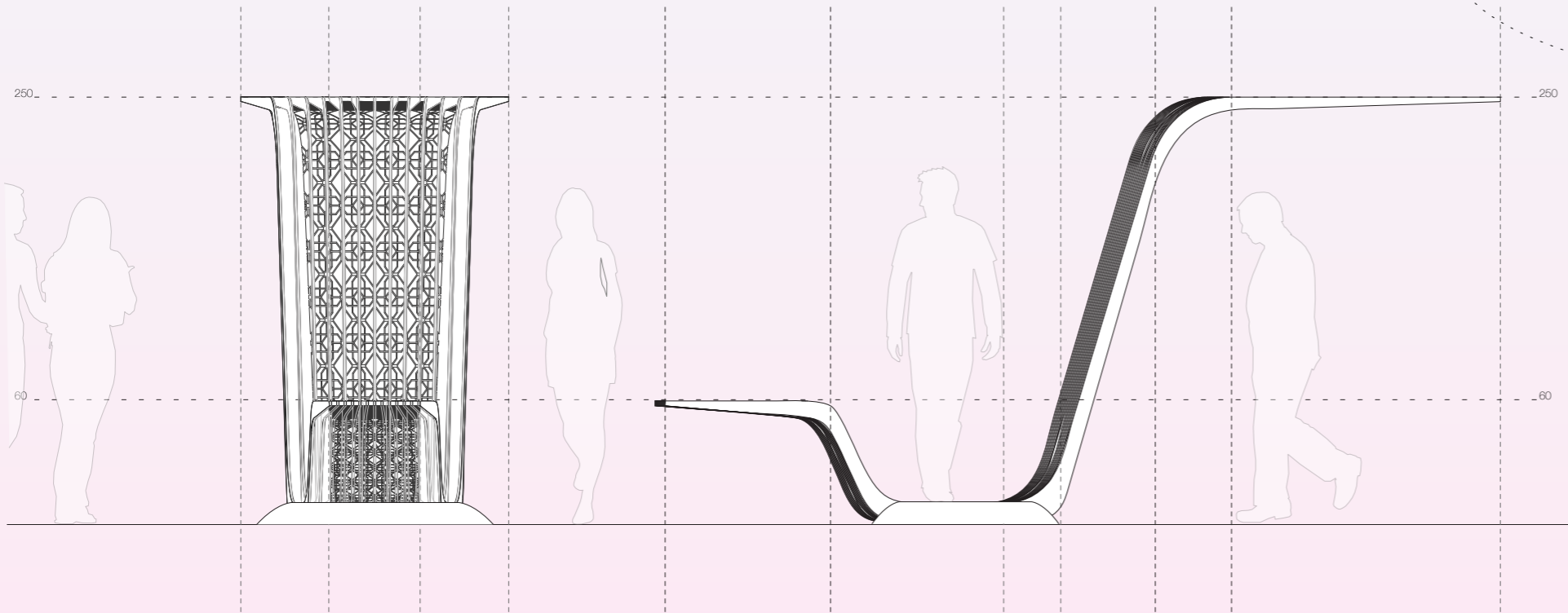
2 - SCREEN

- Screen with a laser-cut decorative pattern to provide shade to people gathering underneath.
- These would be laser cut into thin sheet metal (3mm thick) and then bent & screwed into place
- The pattern of the screen could vary according to each grouping.
- Potentially a collaboration with designers customising the pattern on the screen.
- In this way each gathering would be different, with people coming to see the group designed by an architect/designer.

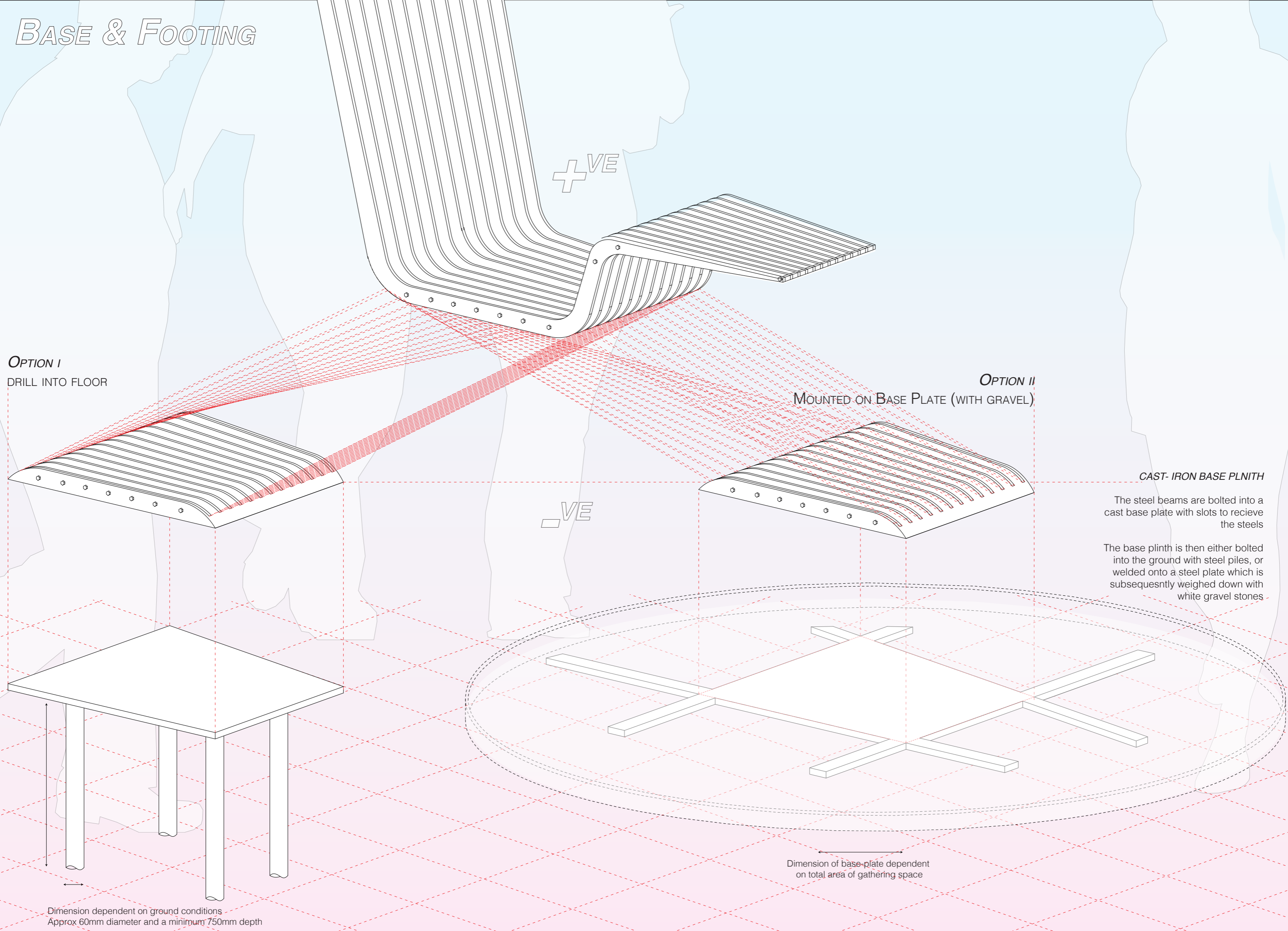


- The beam sections slot into cuts in the base, and are bolted into place,
- This transfers the load into the base so that the beams do not need additional support
- The plinth would be welded onto the base plate which would then be weighed down by gravel stones, and addition steel beams added to assist in lateral stability and load transfer.
- It designated the extent/size of the <zone> of gathering, and could be coloured to attract passersby.

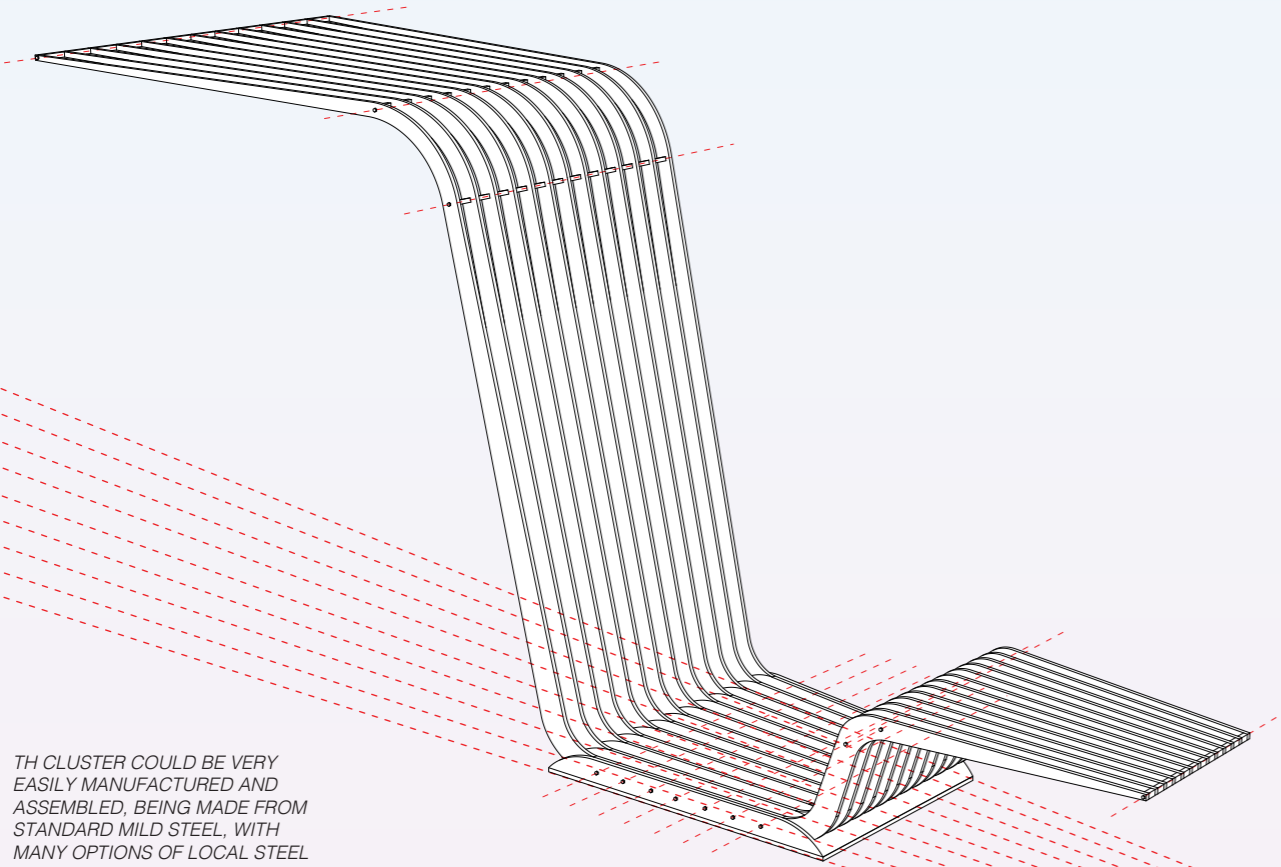
3 - BASE



BASE & FOOTING



MANUFACTURE & ASSEMBLY

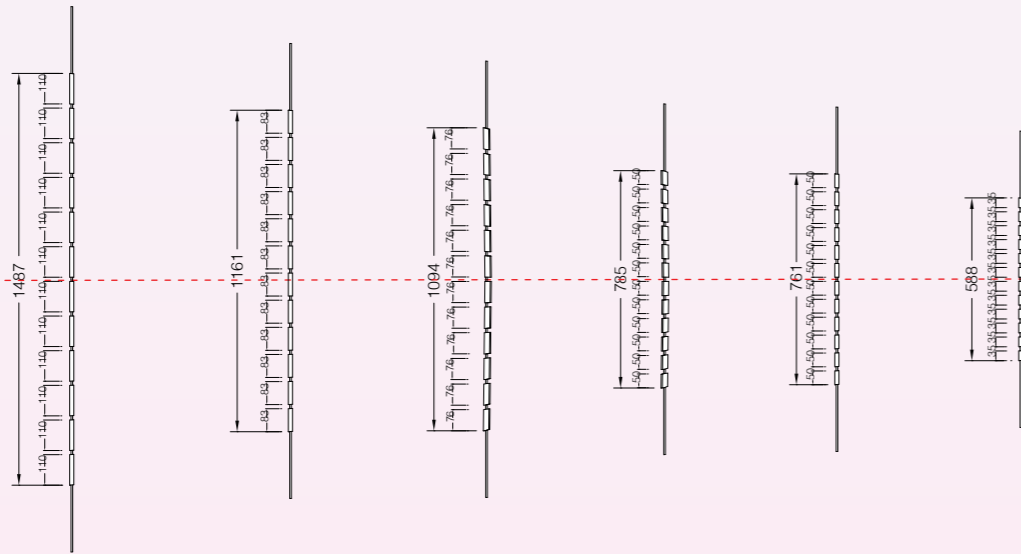


THIS CLUSTER COULD BE VERY EASILY MANUFACTURED AND ASSEMBLED, BEING MADE FROM STANDARD MILD STEEL, WITH MANY OPTIONS OF LOCAL STEEL FABRICATORS.

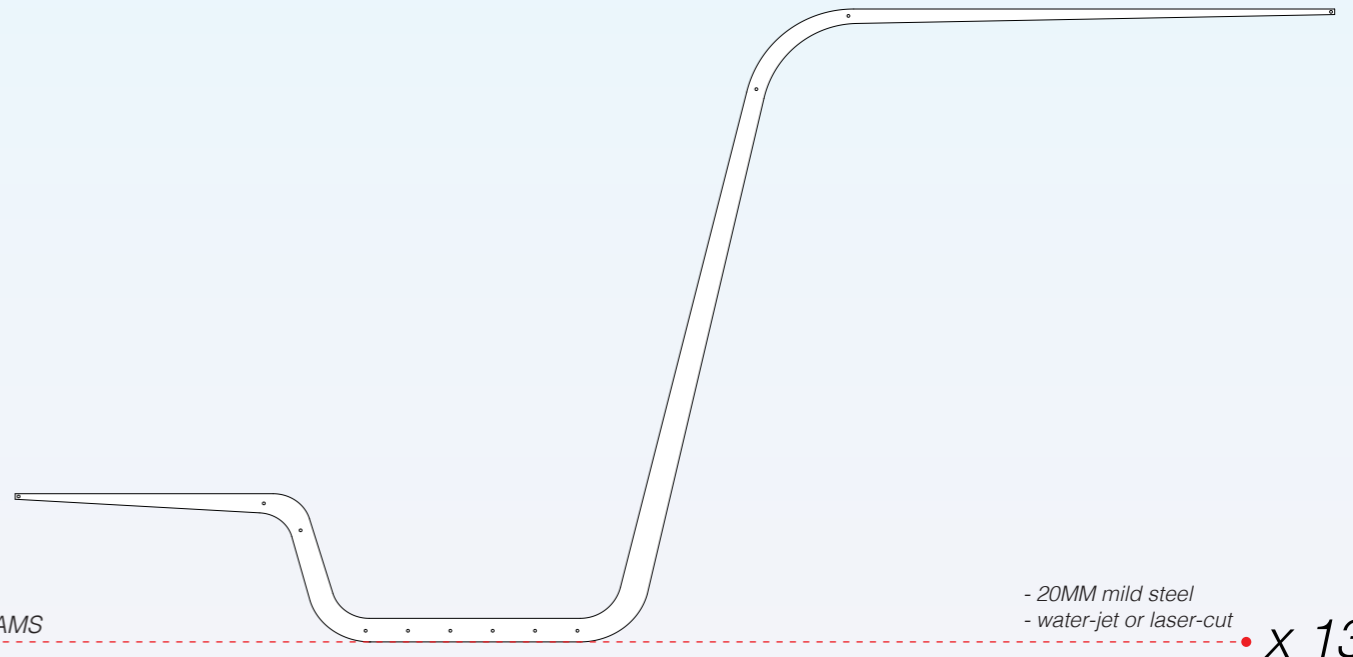
ALL PARTS WOULD BE POWDER-COATED SEMI-GLOSS WHITE TO GIVE THEM A UNIFORM CLEAN AESTHETIC.

1x MACHINED FASTENERS

- 20MM mild steel
- 10mm threaded bolt



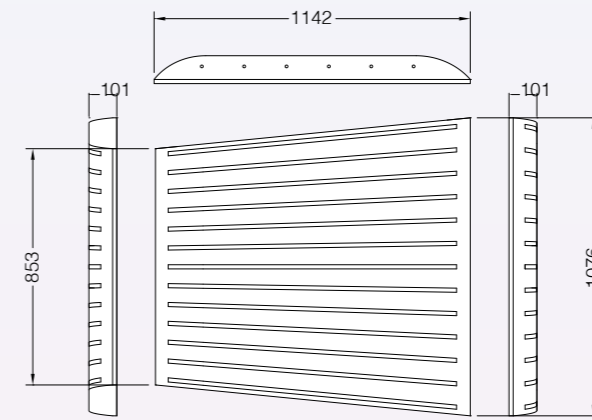
WATER-JET BEAMS



- 20MM mild steel
- water-jet or laser-cut

x 13

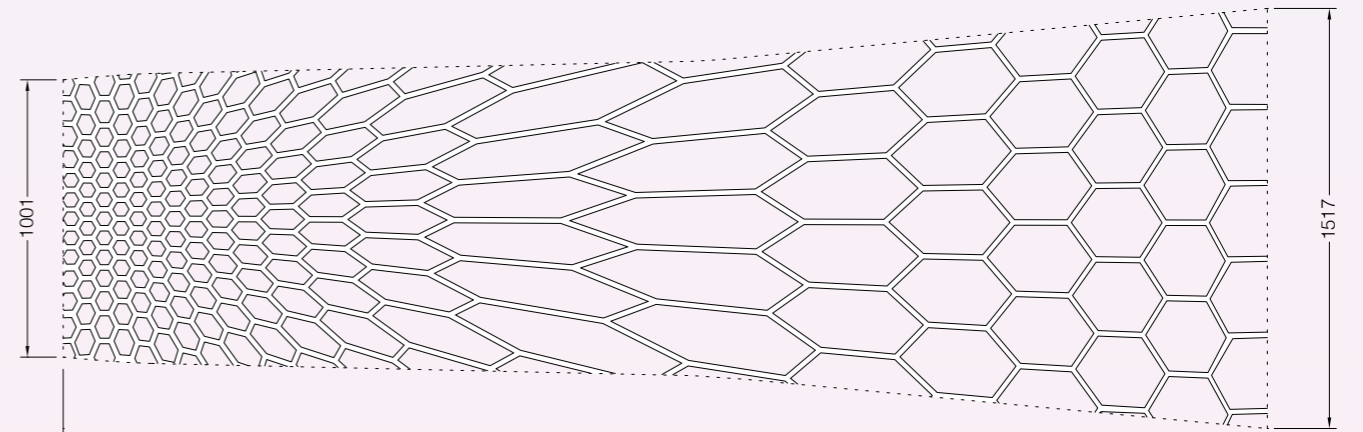
CAST BASE-PLINTH



- cast iron or steel
- sand-casting

x 1

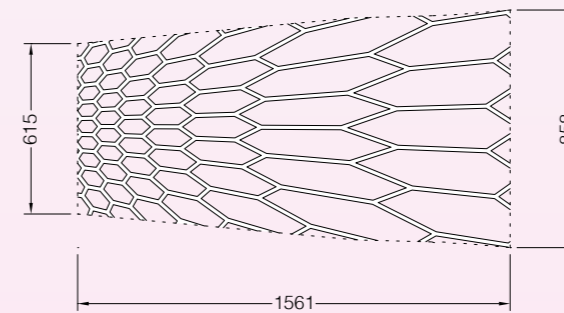
CANOPY SCREEN



- 3mm rolled steel
- water-jet or laser-cut

x 1

SEAT SCREEN



- 3mm rolled steel
- water-jet or laser-cut

x 1



