

ISLANDS WITH POINT OF VIEW

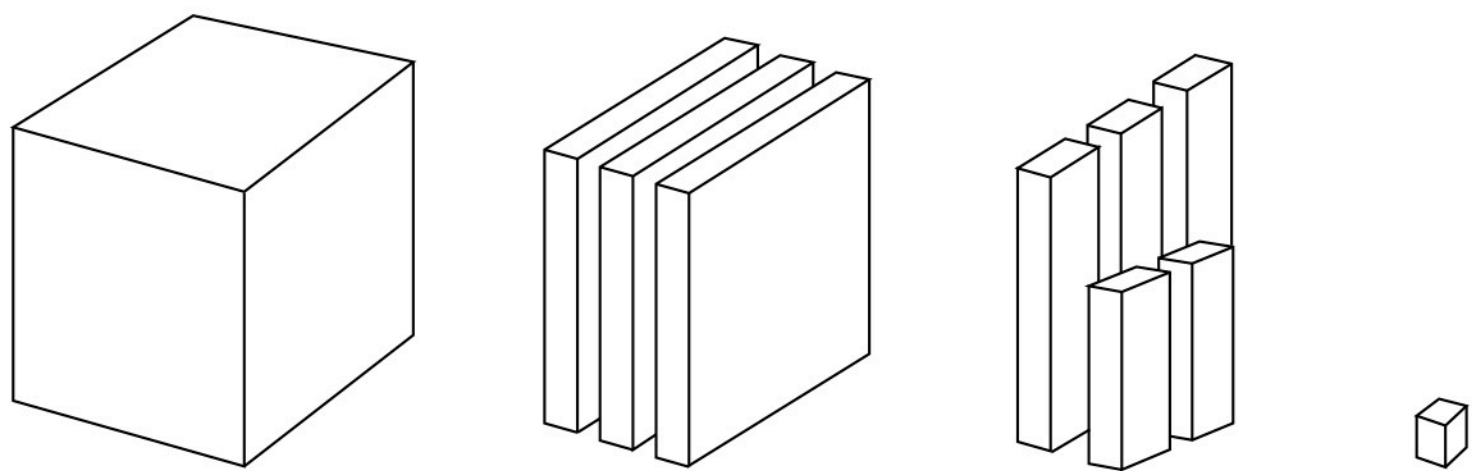
Introduction & Analysis



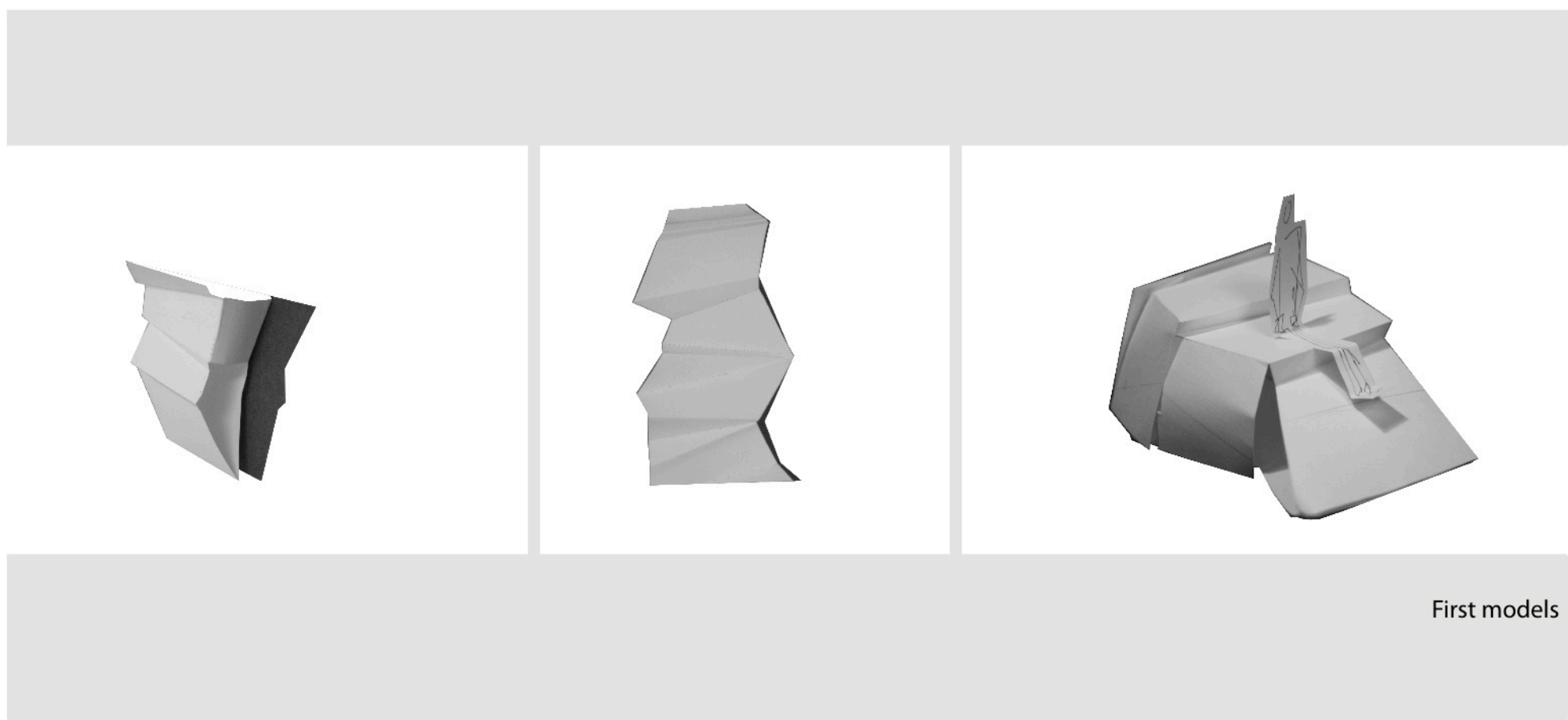
Introduction and Analysis and other ideas

When looking at the staircase we researched it's functionality as well as its history. We looked at different styles, traditional vs modern, minimalistic vs ornate, public vs private use. Who would be using the staircase and the context it would be in? Would it be in a public or private space? Would it be functional or sculptural? Or both?

Our ideas spring from the notion of an island or islands. Floating objects rather than functional staircases. We want a contrast between nature and the harshness and strength of metal. We want these 'islands' to appear as islands in a space and to float like they don't necessarily belong.



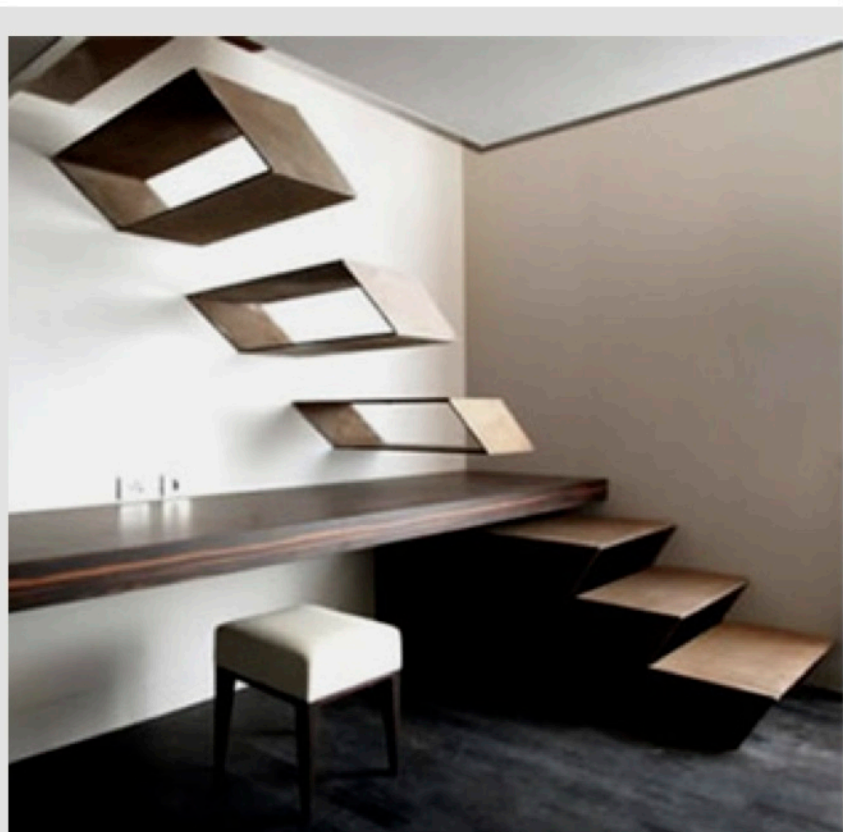
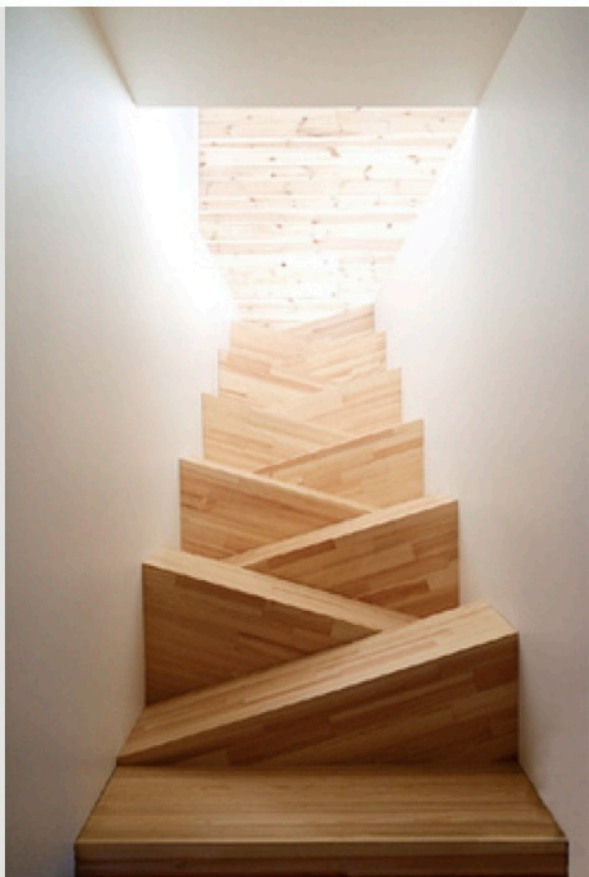
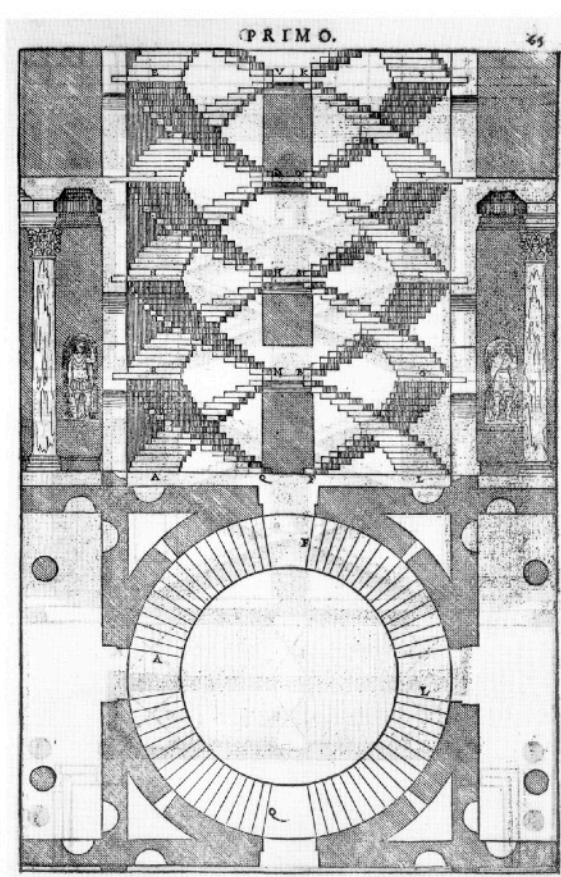
"Devolution" of the stairs ...



First models

We came to the conclusion to create a staircase that didn't arrive somewhere but acted as a sculptural type piece that broke away from the traditional mould of the going and riser and landing being at certain measurements. This would mean that the user could utilize the staircase as a space to stop and ponder. A place to sit, and get a view of things surrounding. This idea breaks away from the traditional staircase that takes you somewhere. It's a place to stop rather than to go.

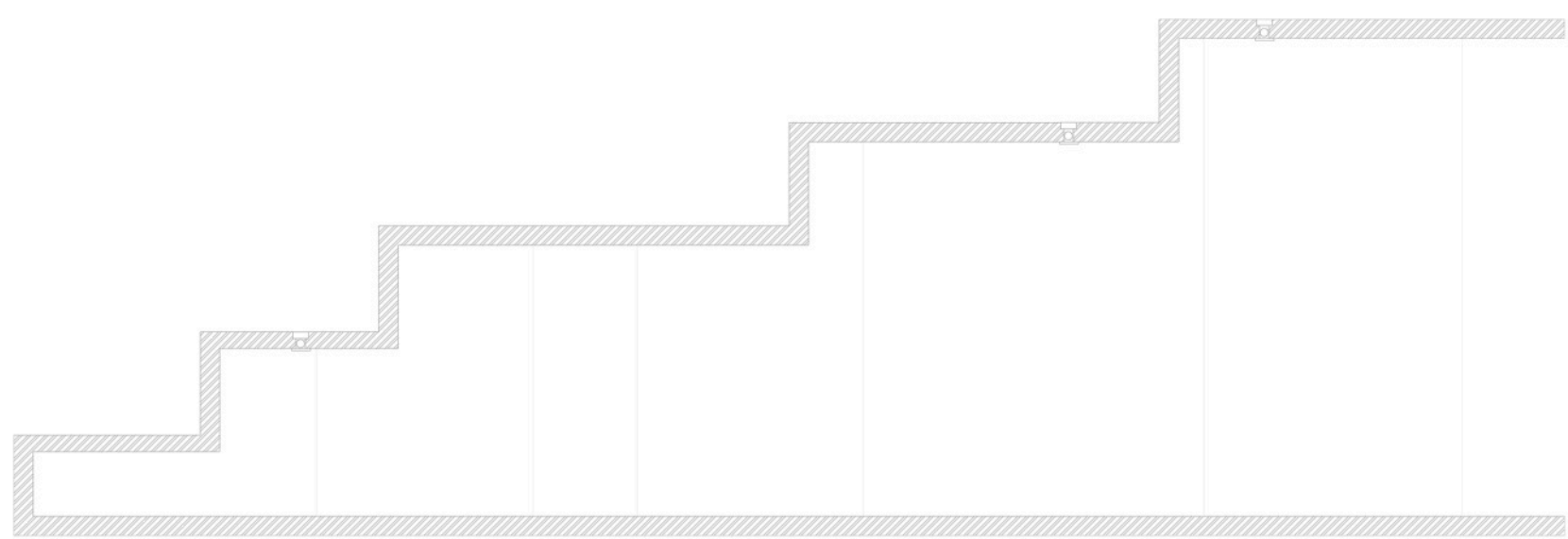
The idea is that with each of the 3 staircases we are imitating the 'island'. These are intended to be a break in the monotony of the grass, a place to grab a view point, to sit and ponder. With each island the structure changes.



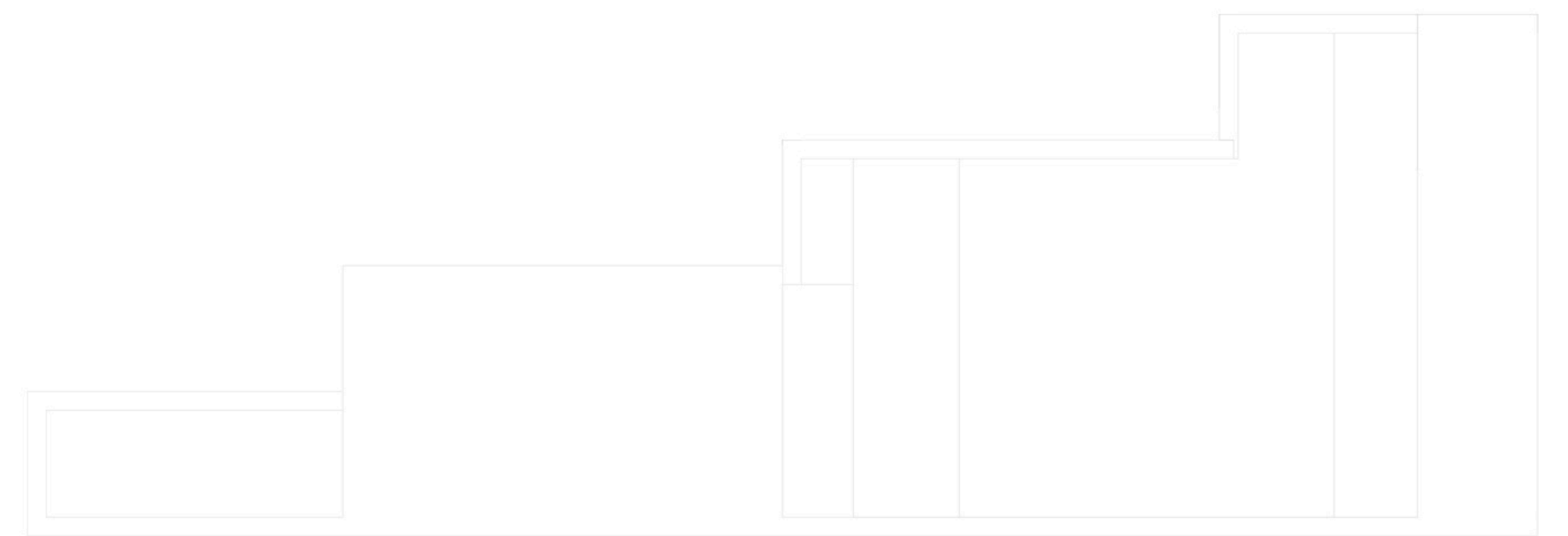
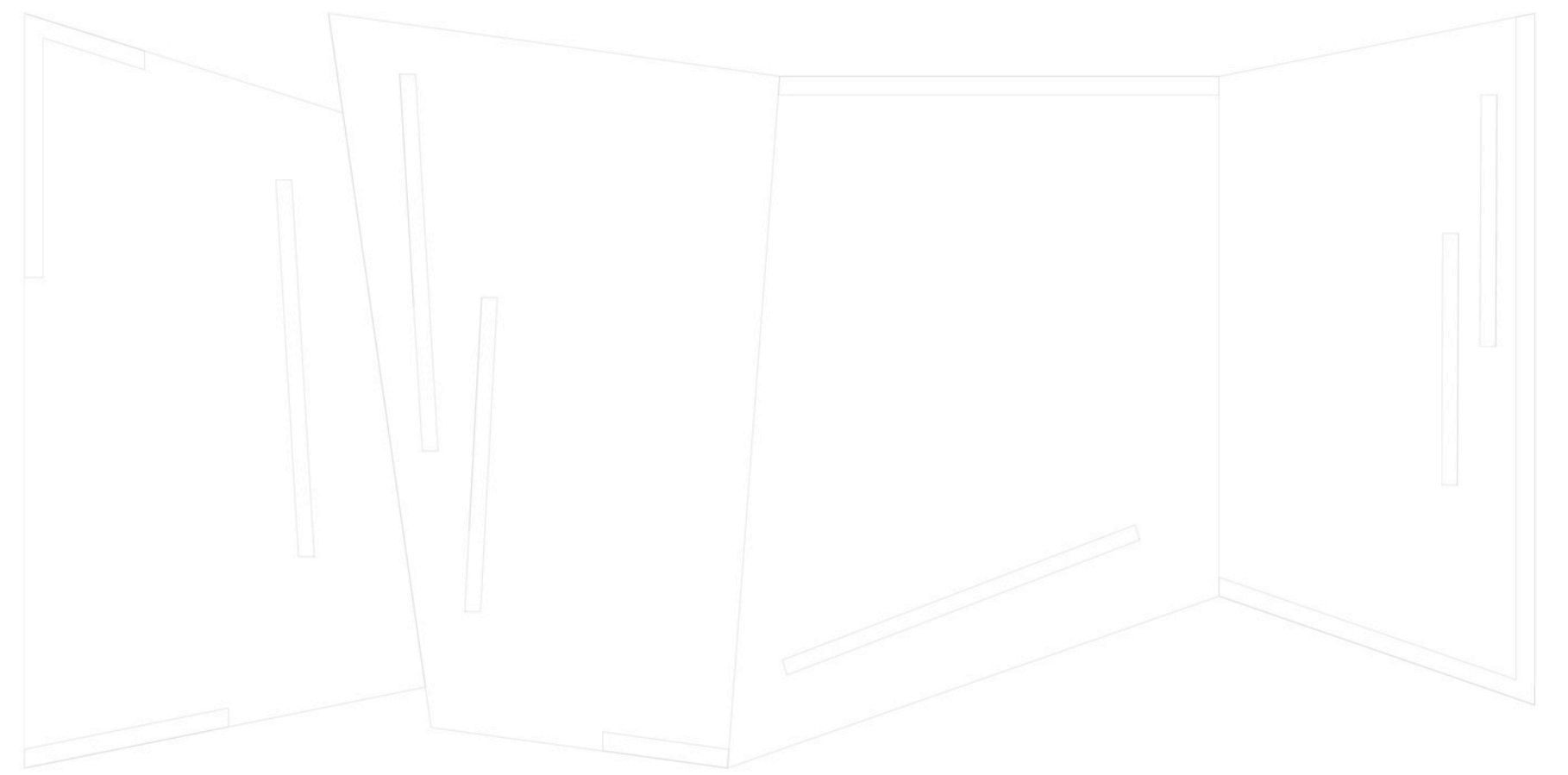
First references ; shapes, volumes ...

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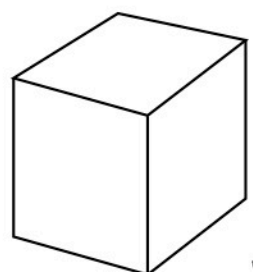
Technical aspects



Staircase 2.

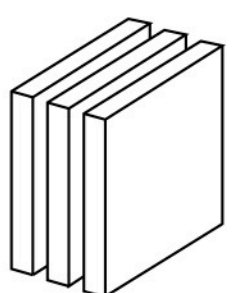


Staircase 1.

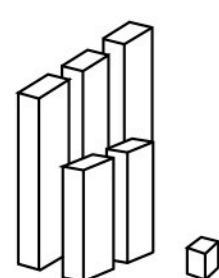


With the first we are looking at strong geometric lines and a full shape, more like an object in the grass. Parts of this will be constructed of folded metal and others will have to be welded to obtain the right angles we desire. The lighting will be a mix of artificial led lighting and natural lighting made by the spaces in the metal. This pattern will reoccur in the other 2 staircases to have consistency throughout each of them.

Erste Treppe : Dafür wollen wir starke geometrische Linien, damit es wie einen Objekt auf der Wiese aussieht.



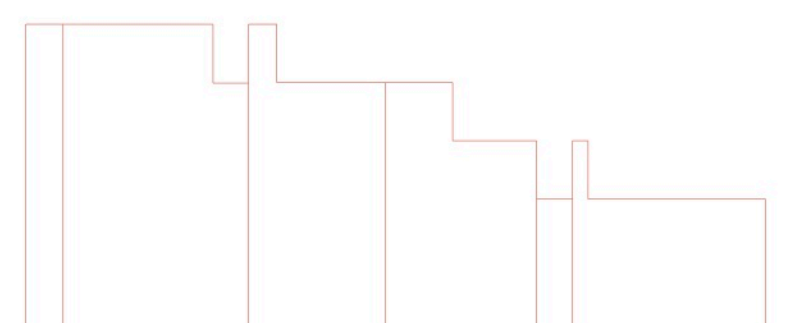
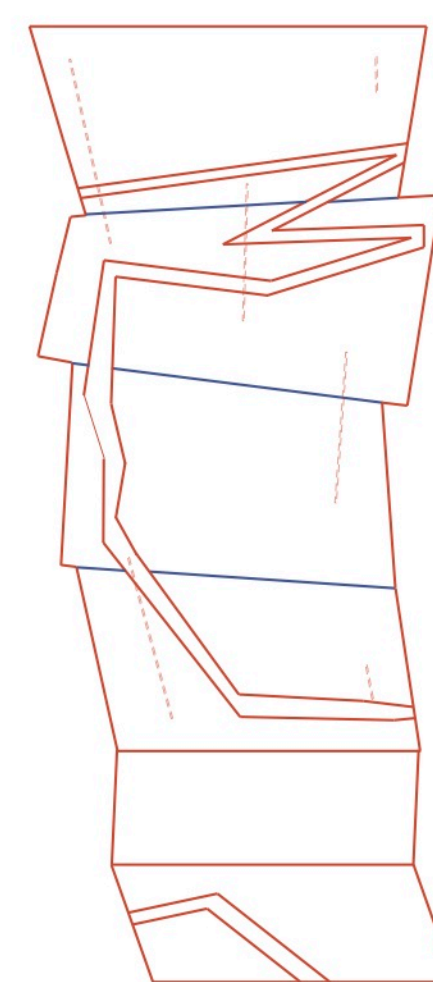
The second staircase becomes more minimal. The structure is lighter. The joints are more right angled and it appears to be floating instead of being a heavy object. It is still linked to the first with its use of lighting. This too will be constructed using both bent and welded metals to obtain softer edges as well as sharp ones for the structural aspects.



With the third set of stairs we were trying to make it minimal and as less of a staircase as possible. More like a platform. We aimed to achieve this through the use of the Plexiglas as part of the structure. So that the parts of the staircase look like they're floating. This is the most minimal of the 3 and the last in the series. This staircase doesn't have any artificial lighting like the others. The structure is based on the lightness and transparency of the use of the Plexiglas. This line of Plexiglas follows the lines used for the lighting in the other 2 staircases and this Plexiglas will sit flush with the metal structure.

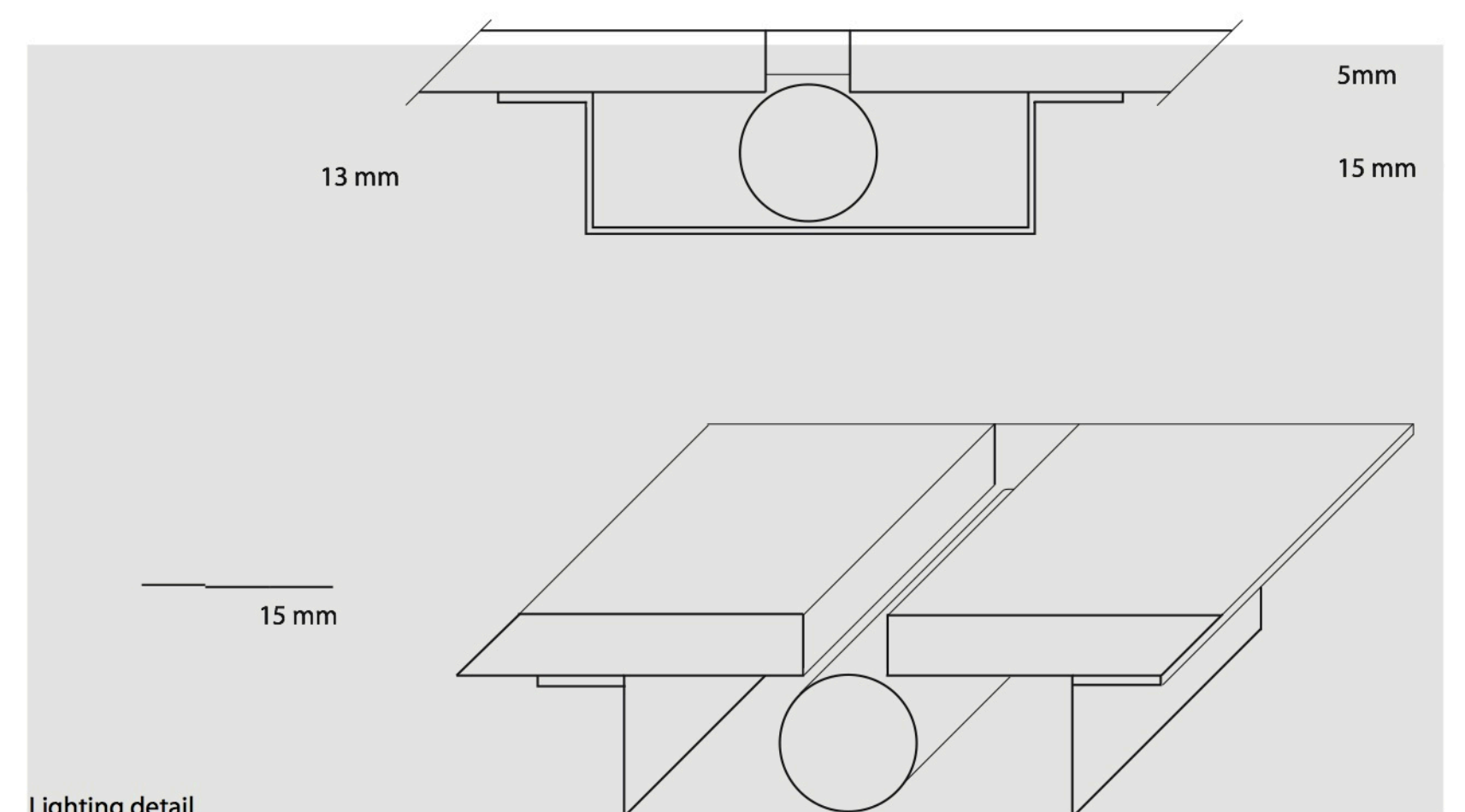
Dotted lines : vertical panels supporting the stairs

Vertical panels ready to be cut



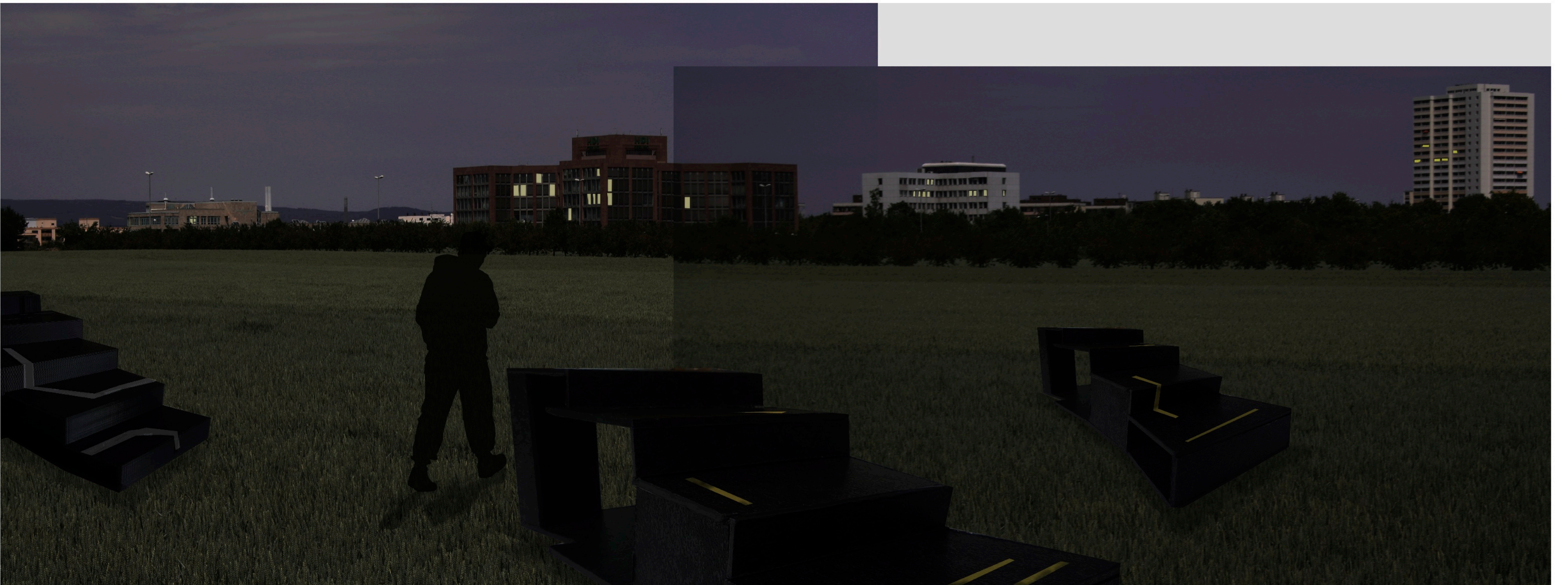
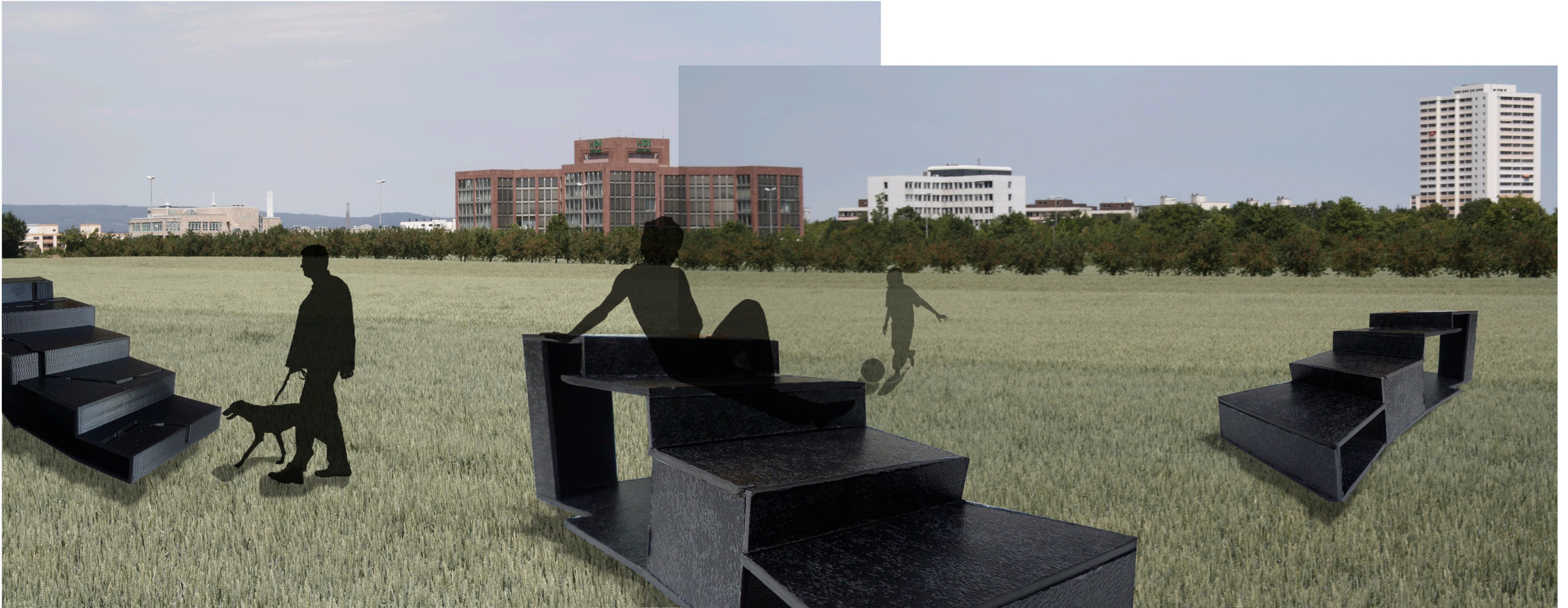
Staircase 3.

Principle of the system : get the metal cutted by the machine, havig the less rests as possible.



Lighting detail

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PROJECT

These staircases encompass geometric lines and platform type steps.

More of a stretched out idea of a staircase, with the going stretching out to be place to rest as well as a way to travel. The lines meet at straight angles and be connected to the ground but this would be covered to create the illusion that the stairs are floating.

We would cover it with grass or a natural material so it looks as though the stairs are just sprouting from the ground. (staircase 1)

The supports that hold up the stairs are supposed to appear random. However they are strategically placed to allow for the stairs to be held up whilst still looking light. To the untrained eye they will look random but also create balance for the support of the stairs.

We came up with the idea of repeating these shapes within an area to create the idea of islands. This would also create balance within the area that the stairs are placed. We want them to look like an art form as well as be used within something like a park. As a structure and as a sculpture.

The stairs will be constructed out of 5mm steel plates. The idea is that the staircase itself is one piece, bent out of the material, and then the supports are separate. There is LED lighting within the top piece of the stairs. This will be protected by Plexiglas. There will be space for light to shine out of the space and light to shine into the staircase. These 2 contrasts will shadow one another. This lighting will be wired inconspicuously along edges of the steel to avoid losing the lightness of it.

These staircases will act as a series, going from heavy object to minimal and floating. They will be placed together in a space to create continuity and sense of the object rather than functional staircase. This will also highlight the development in structure from whole to minimal.