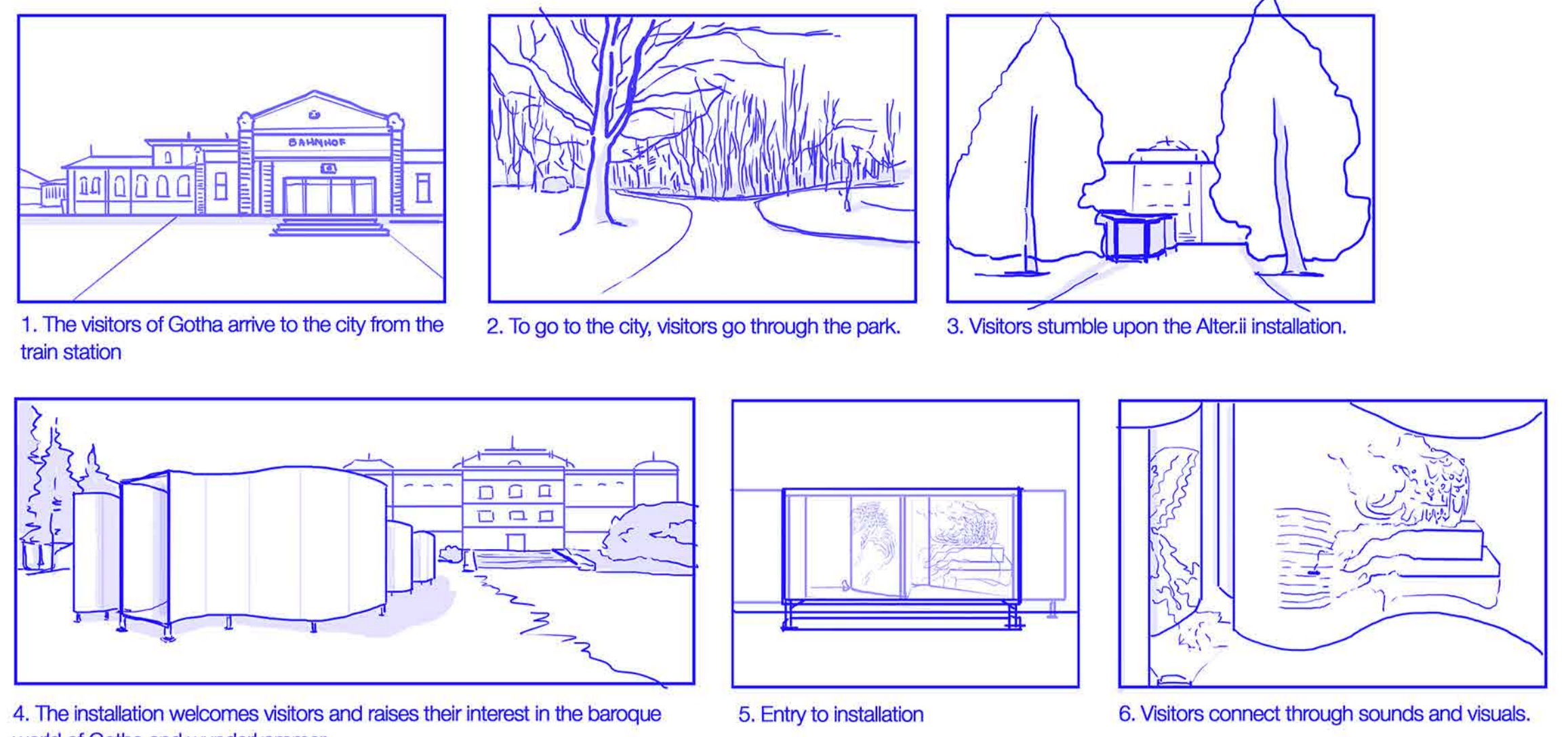
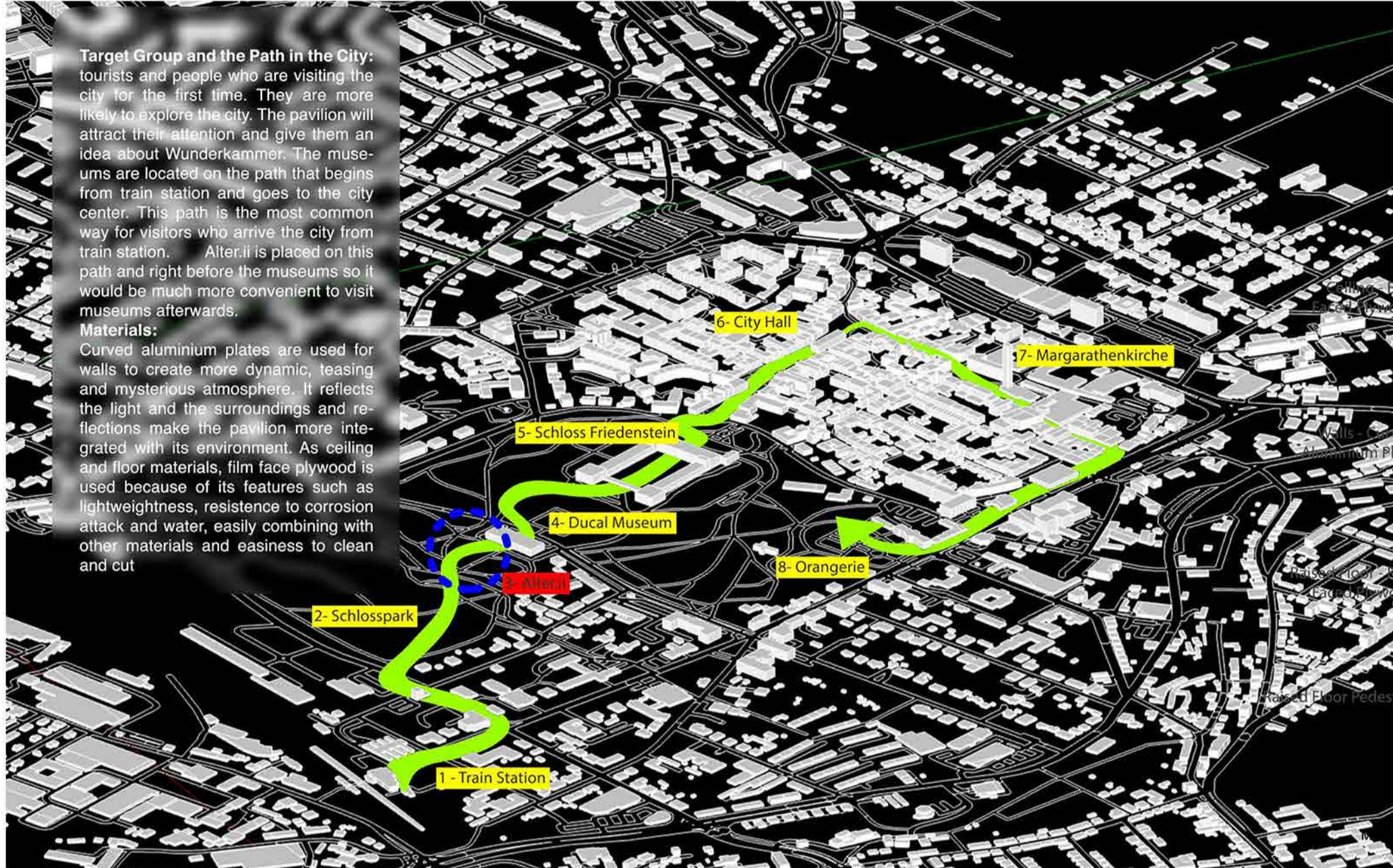


Alter.ii is an audio-reactive mediaarchitecture installation that aims to inspire visitors about the rich baroque world of Gotha. By taking inspiration from the concept of "Wunderkammer" or "Cabinet of curiosities", many different categories of sounds have been collected from the city of Gotha and was visualized through light installations inside a specially designed pavilion space. Similar to the baroque interest in collecting interesting objects, organising and exhibiting these collections, the project "alter.ii" collects and exhibits the sounds of the city to connect the hidden baroque artefacts to our daily lives. The pavilion is designed to be built on the Schlosspark which provides a path from Gotha train station to Ducal Museum, Schloss Friedenstein and then the city centre. With the intention of creating friction in the area to engage the public with the museums and palaces of the city, alter.ii aims to invite visitors to dive into a colourful atmosphere shaped by reflections of the baroque world. The project intends to create a memorable experience with its dynamic, loud, bright, altered and colourful space by using not only visual senses but also auditory senses.

Gotha City Map

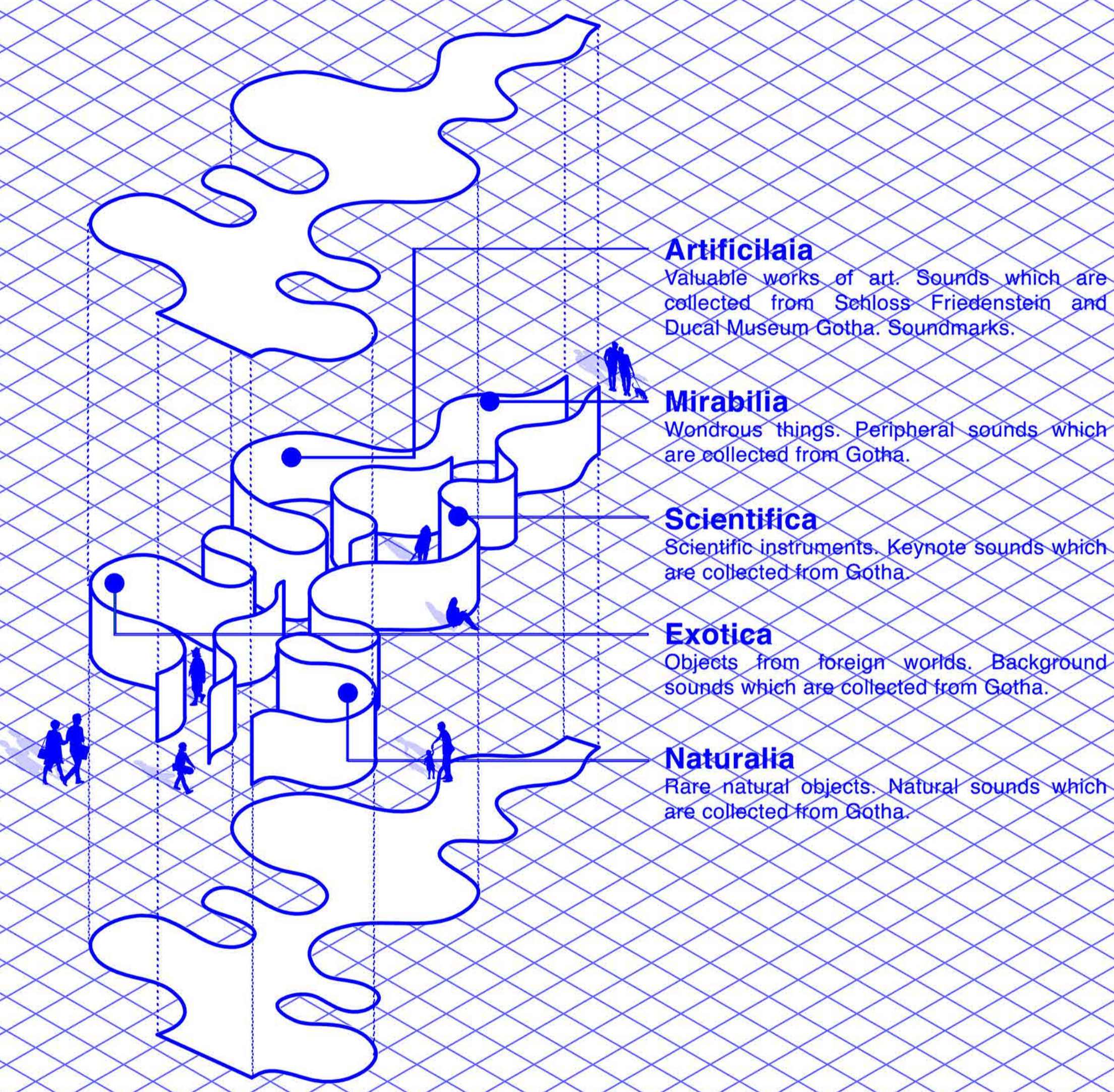


Wunderkammer Categories:

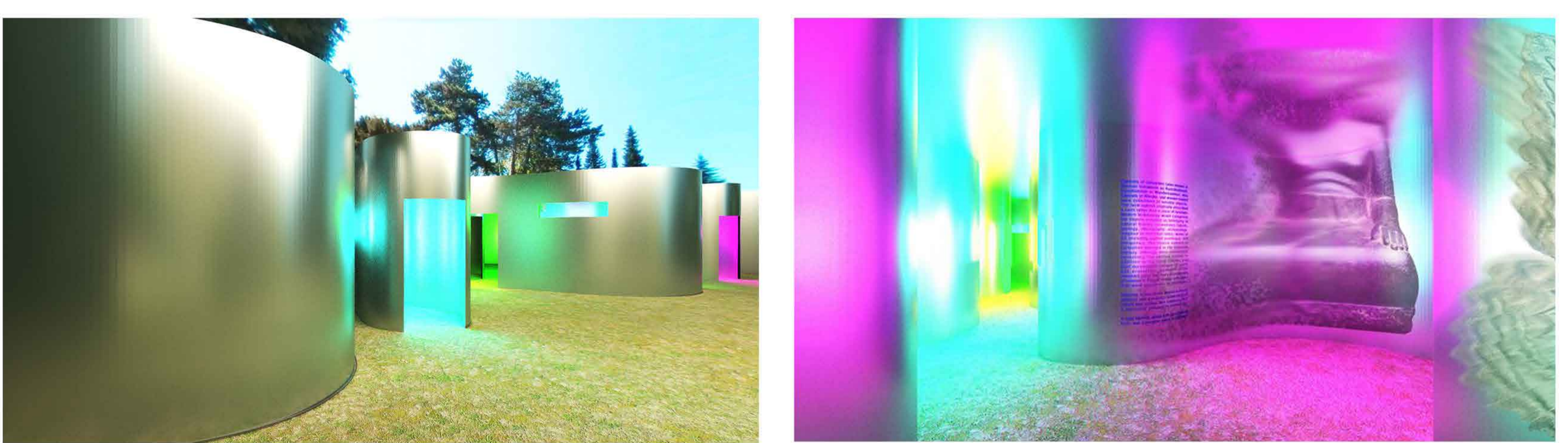
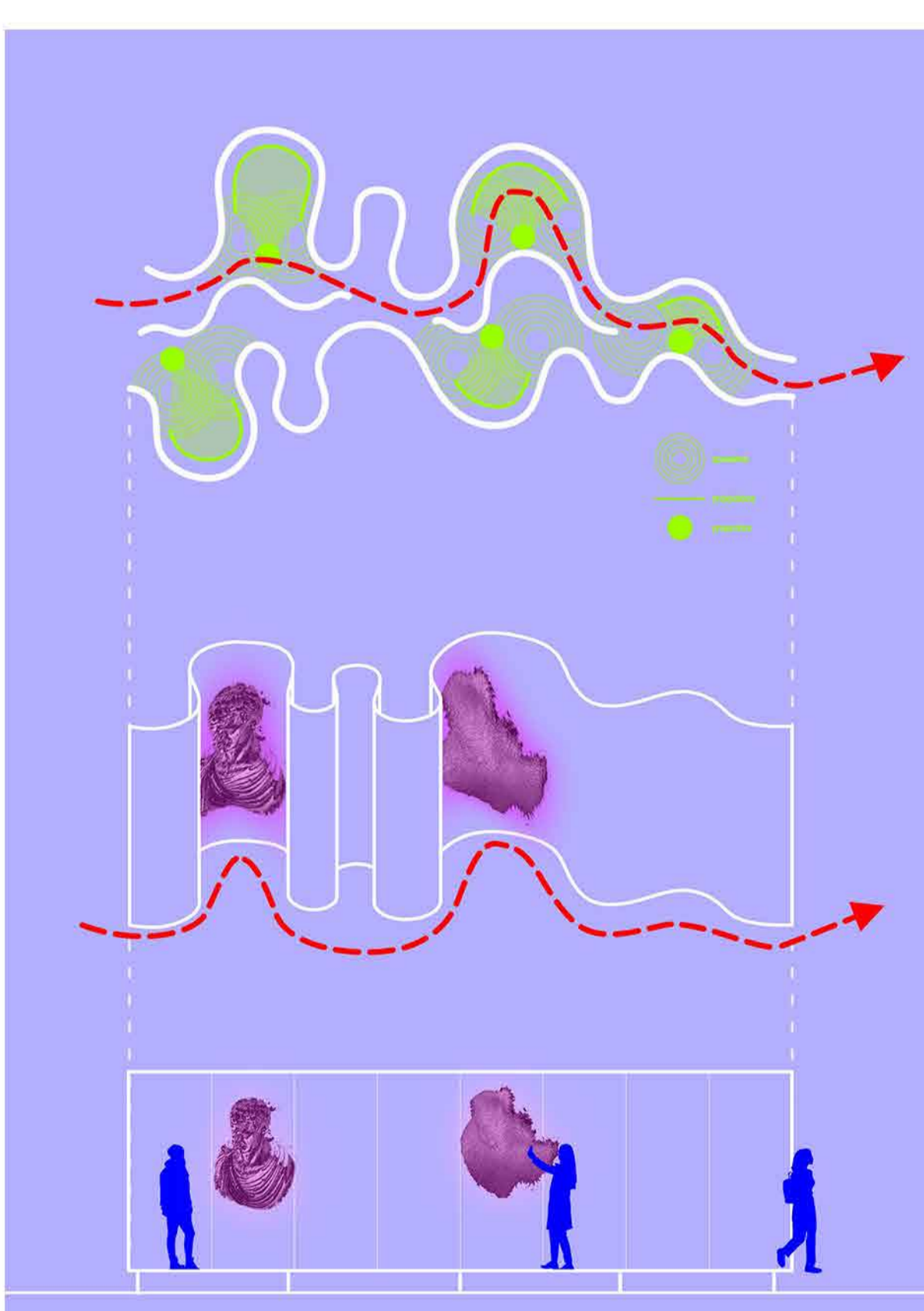
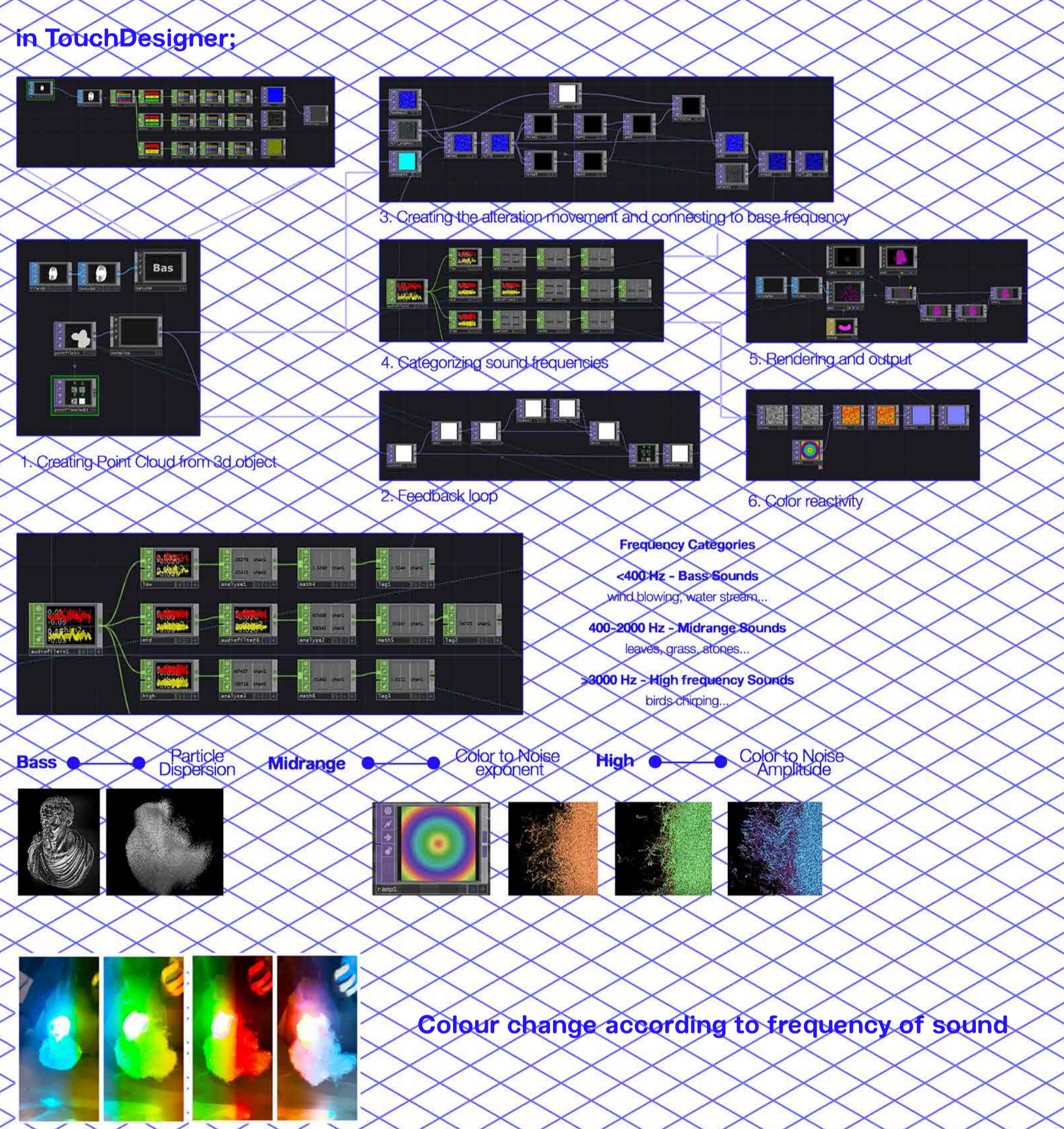
Naturalia	Exotica	Artificia	Scientifica	Mirabilia
Sounds: leaf sounds bird sounds river sounds stones clacking dog barks	Sounds: Fabric sounds Talking sounds	Sounds: footsteps coins restaurant sounds	Sounds: church bell clock tower clock ticking train sound car/bike sounds sirens	Sounds: street artists music peripheral sounds
Object: Butterfly The Friedenstein museum of nature is home to the Nature Cabinet which hosts collections of various animals. Gotha's dealer had a special interest in researching natural history.	Object: Statue of a Crouching Official The granite statue shows a squatting official who wears a long apron as a mark of status for high Egyptian dignitaries. With the 5th dynasty, there was a renewed boom in official sculpture in Egypt.	Object: Gold-plated Silver Elephant Duke Frederick II of Saxe-Gotha-Altenburg (1676-1735) received the precious piece as a birthday present from his wife Magdalena Augusta. Made by the Dresden court goldsmith Johann Meißner Dinglinger and his brothers.	Object: Astronomical Tableclock The table clock bears the signature of the Augsburg clockmaker Wilhelm Pfeifferhauser and is considered his masterpiece. In addition to the time, you can read the position of the sun, moon and stars.	Object: Carved Nautilus The carved nautilus is in the collections of Schloss Friedenstein. The Nautilus shell object is a combination of art, crafts and nature in a wonderful way.

Photo source: CC-BY-NC-SA @ Stiftung Schloß Friedenstein Gotha: Schloßmuseum

Pavilion Components



Technical Process



By taking inspiration from the 5 different categories of "Wunderkammer", 5 different soundscapes are created from collecting sounds of Gotha. These sounds are composed together in a collection, a soundscape that is directly connected to certain museum collection artefacts from the city. The selected museum objects are projected onto the walls of the pavilion in a dynamic movement by being transformed with the frequency differences from the soundscape.

With the TouchDesigner program, the objects are made to react to audio frequencies with elongation, dispersion and colour changes. The sound is analysed in 3 different levels of frequencies, which are bass sounds (<400 Hz), midrange sounds (400-2000 Hz) and high frequency sounds (>3000Hz). This separates and categorises sounds such as birds chirping or water streams. With the final rendering output, light, colour and movement all react to the sound collection of Gotha. These visual renderings are then projected inside the pavilion walls at the same time with the soundscape on the speakers. As the walls use reflective and rounded materials, the light effect is amplified.

A special, multi-sensory atmosphere is created through sound, projection lights and reflection of the architectural elements. By inspiring visitors to learn more about the "Wunderkammer" and baroque, the pavilion gives short descriptions of selected objects and invites to discover more.

