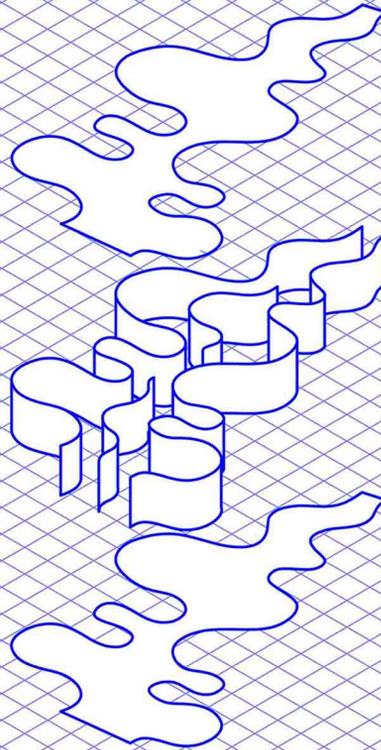


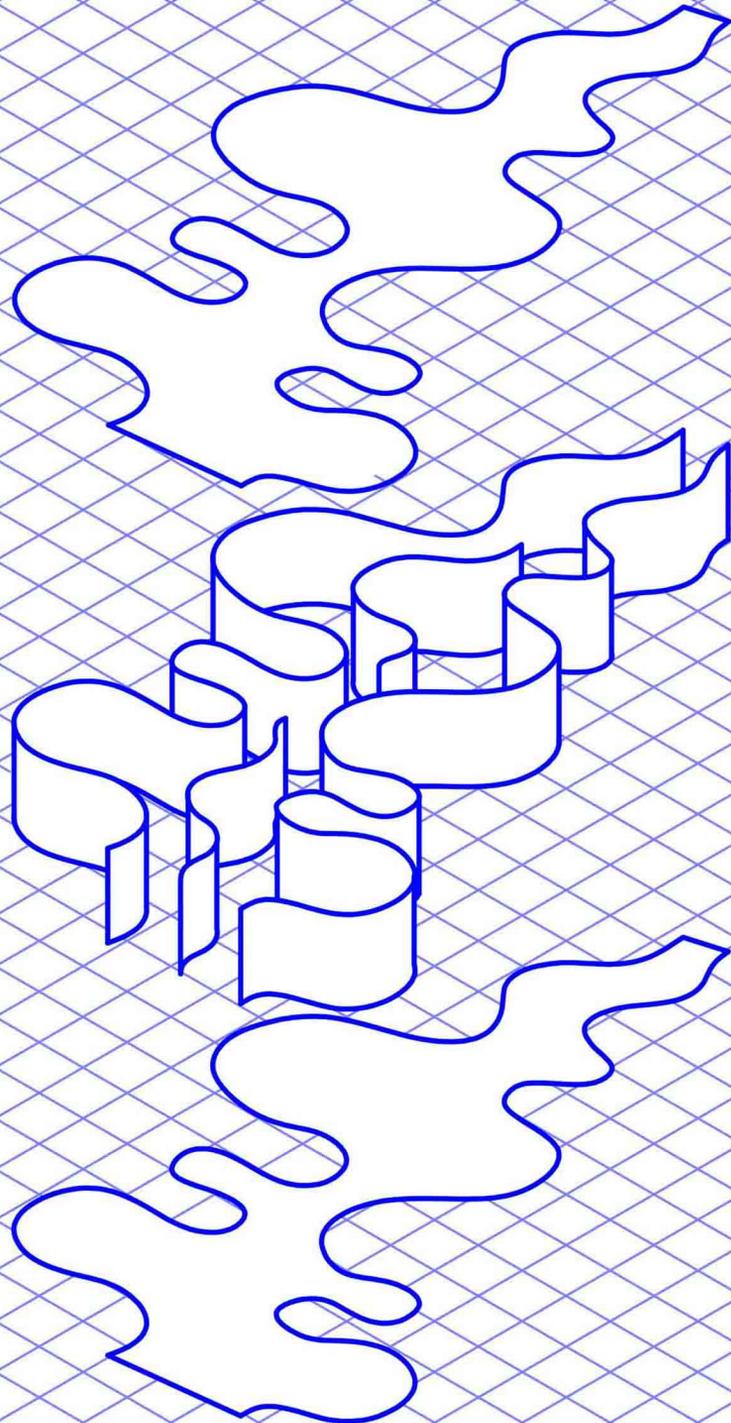
„Wunderkammer 4.0 / Cabinets of wonder“ Schloss Friedenstein Gotha Alter.ii

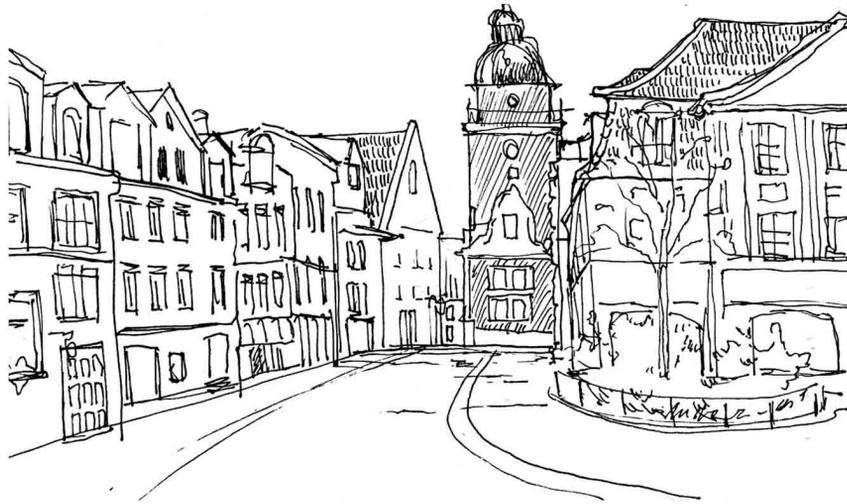
İpek Aydın, İdil Öztürk

Betreuung:

Prof. Bernd Rudolf, Prof. Andreas Kästner, Junior Prof. Reinhard König, Dr. Sabine Zierold,
Brian Clark, Stefan Kraus, Nezar Abualhalawe

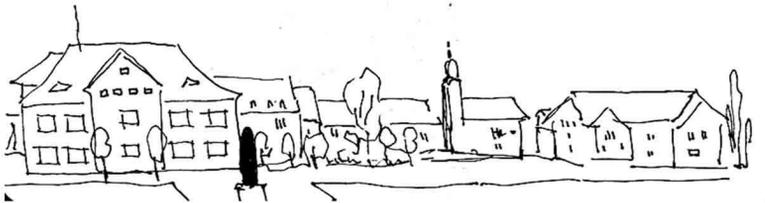






The Baroque universe of Gotha is highly connected to the nature surrounding it. The entrance to the city from the train station takes the visitor through the gardens of the museum and castle, which are planned in a baroque style landscape and flow. This trail through nature is important to connect the intertwined form of architecture and nature in baroque era.

Gotha's city center can be reached through this trail. Through the city the landscape and constructed texture is side by side.



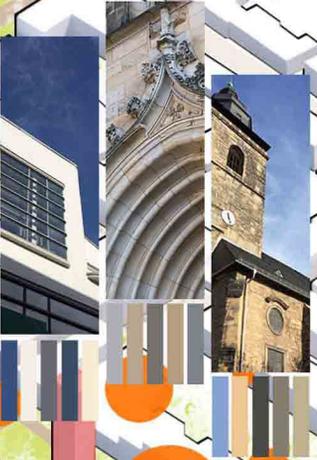
8 Orangerie



4 Wasse



7 Margarethenkirche



6 Townhall

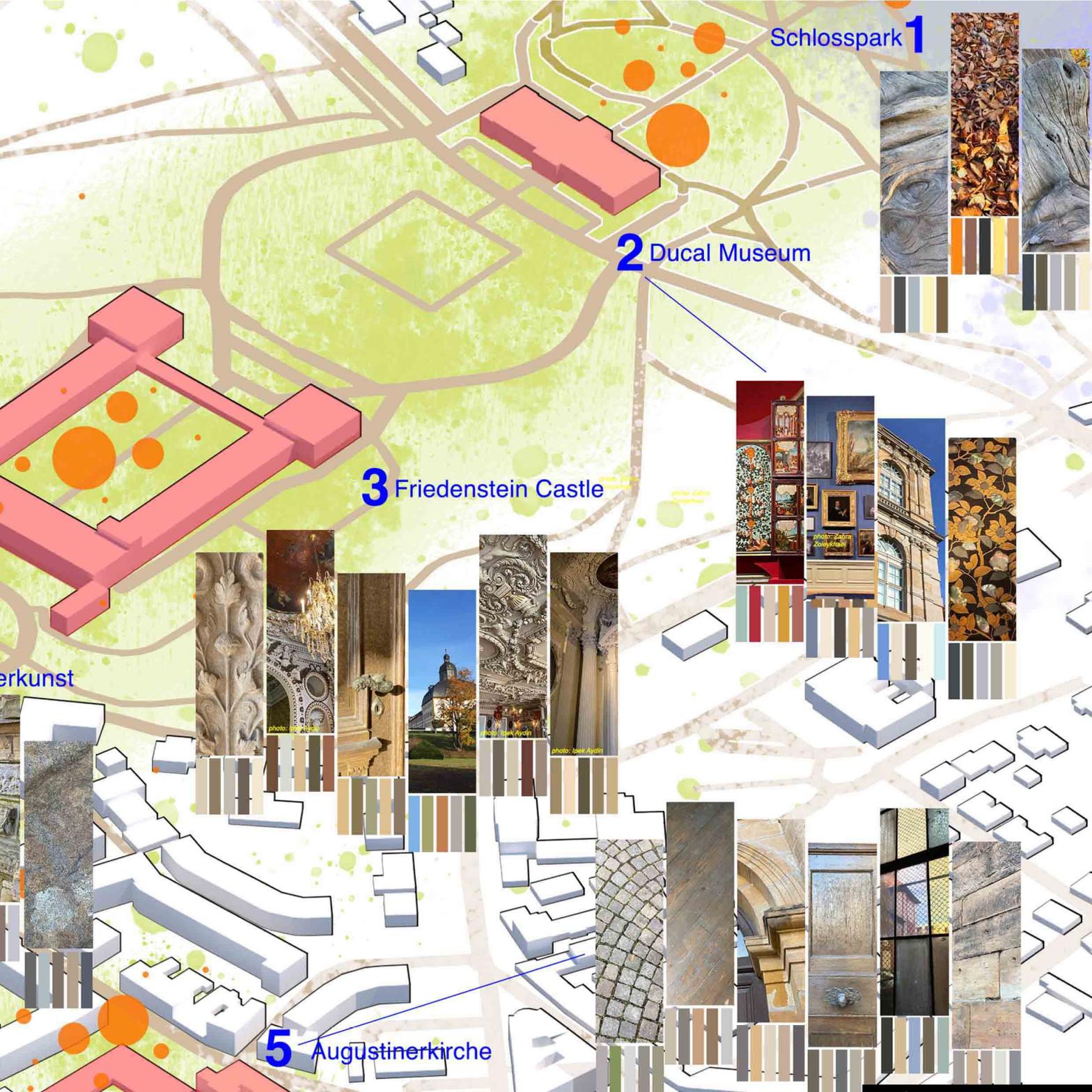


Schlosspark 1

2 Ducal Museum

3 Friedenstein Castle

5 Augustinerkirche



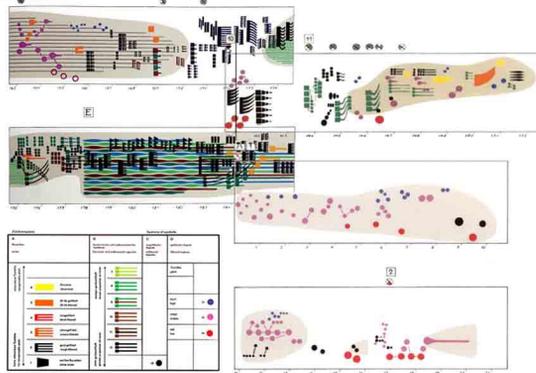


Baroque Architecture

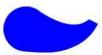
- Beyond traditional geometric shapes and architectural principles.
- Rich, fluent, impressive, and dramatic.
- Stimulation of the emotions and the senses.
- Oval forms, curves, twists, various of materials, dynamic aspect.
- Engaging with the viewer's emotions and perception.

Graphic Notation

- Representation of music through the use of visual symbols outside the realm of traditional music notation.
- Variability and lack of standardization.
- "...decorative or celebratory...rather than practical." *Richard Taruskin for Rainer Wehinger's graphic notation work.*



church bell sounds



schlosspark - sounds of leaves



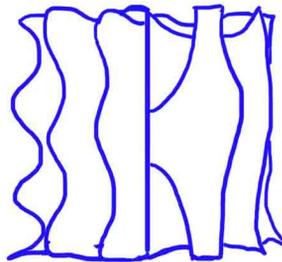
tram sounds



orangerie - sounds of footsteps



Castle Friedenstien - sounds of footsteps



Sound Collection

Lines and shapes represent categories of sounds
Flowing Shapes



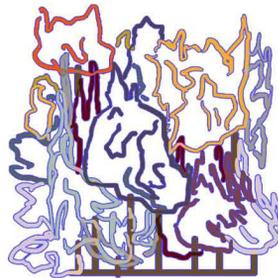


The baroque architecture mimics nature as a way of design and decoration. By this circular movement, the baroque box takes the hand crafted element (candlesticks) and uses a process of melting and freezing them to let wax material take a natural form. The physical process is by melting the candle wax and dripping the liquid form into cold water to create organic shapes that show movement.

Hand Crafted Form



Natural Form



Candles- Shape collection

Natural Forms
Random Encounters
Man-made object to nature

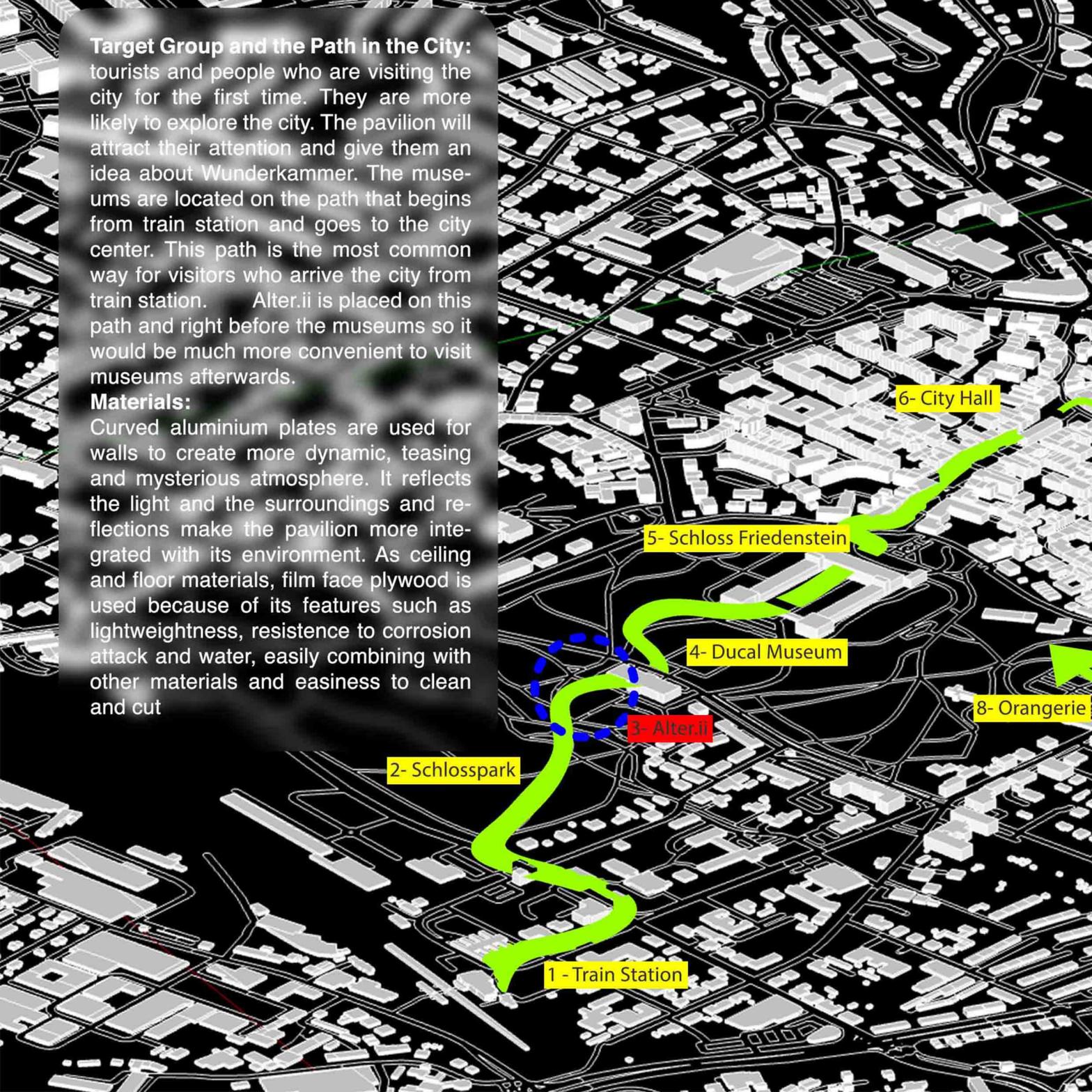


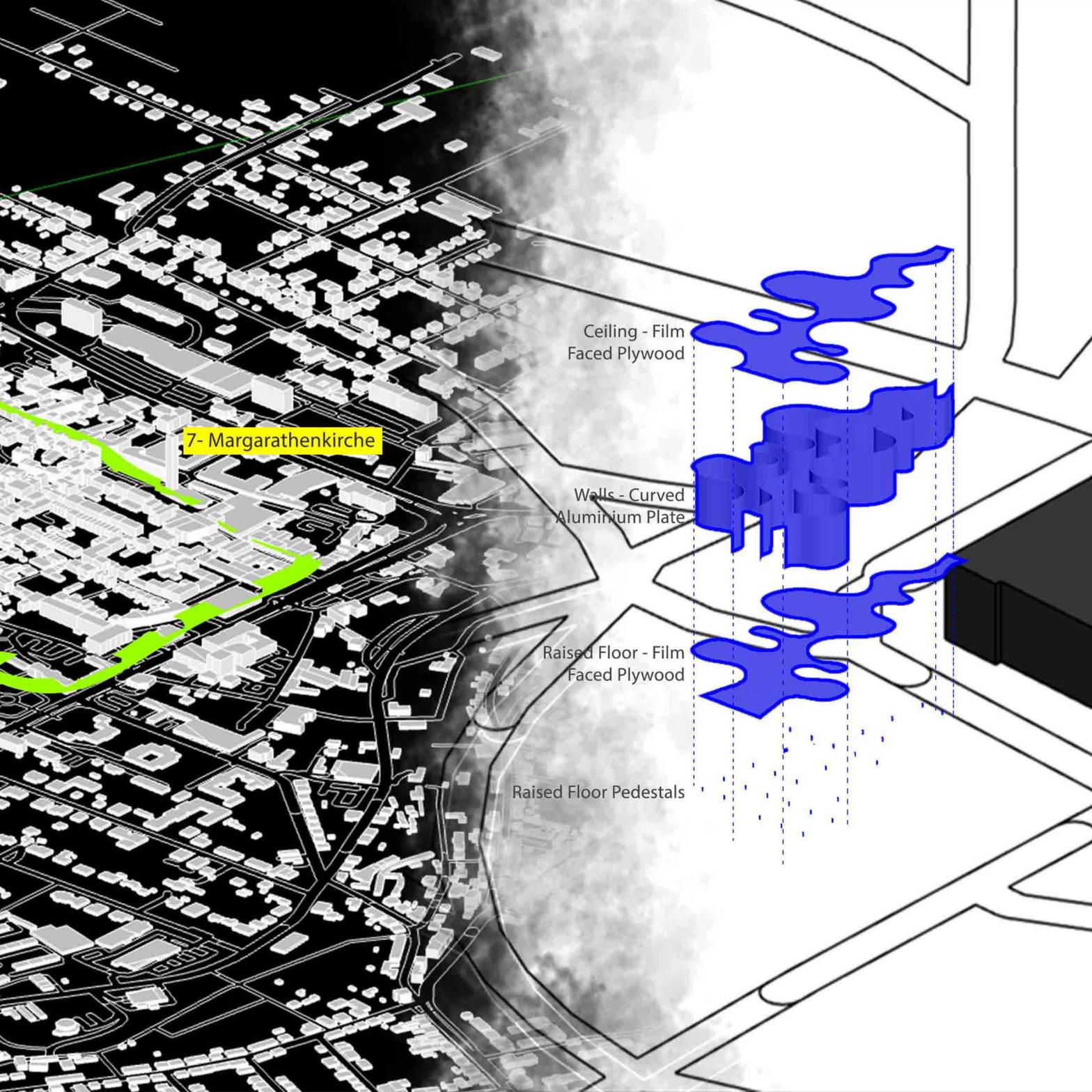
Target Group and the Path in the City:

tourists and people who are visiting the city for the first time. They are more likely to explore the city. The pavilion will attract their attention and give them an idea about Wunderkammer. The museums are located on the path that begins from train station and goes to the city center. This path is the most common way for visitors who arrive the city from train station. Alter.ii is placed on this path and right before the museums so it would be much more convenient to visit museums afterwards.

Materials:

Curved aluminium plates are used for walls to create more dynamic, teasing and mysterious atmosphere. It reflects the light and the surroundings and reflections make the pavilion more integrated with its environment. As ceiling and floor materials, film face plywood is used because of its features such as lightweightness, resistance to corrosion attack and water, easily combining with other materials and easiness to clean and cut





7- Margarathenkirche

Ceiling - Film Faced Plywood

Walls - Curved Aluminium Plate

Raised Floor - Film Faced Plywood

Raised Floor Pedestals

Naturalia

Sounds:

leaf sounds
bird sounds
water splashing
river sounds
stones clacking
dog barks

Object:

Butterfly

The Friedstein museum of nature is home to the Nature Cabinet which hosts collections of various animals. Gotha's duke's had a special interest in researching natural history.



Exotica

Sounds:

Fabric sounds
Talking sounds

Object:

Statue of a Crouching Official

The granodiorite statue shows a squatting official who wears a long apron as a mark of status for high Egyptian dignitaries. With the 12th dynasty, there was a renewed boom in official sculpture in Egypt.



Artificialia

Sounds:

footsteps
coins
restaurant sounds

Object:

Gold-plated

Duke Frederick II of
burg (1676-1732)
piece as a birthday
Magdalena August
den court goldsmith
Dinglinger and his



a

sounds

Silver Elephant
of Saxony-Gotha-Alten-
received the precious
y present from his wife
ta. Made by the Dres-
th Johann Melchior
brothers.



Scientifica

Sounds:

church bell
clock tower
clock ticking
tram sound
car/bike sounds
sirens

Object:

Astronomical Tableclock

The table clock bears the signature of the Augsburg clockmaker Wilhelm Pepfenhauser and is considered his masterpiece. In addition to the time, you can read the position of the sun, moon and stars.



Mirabilia

Sounds:

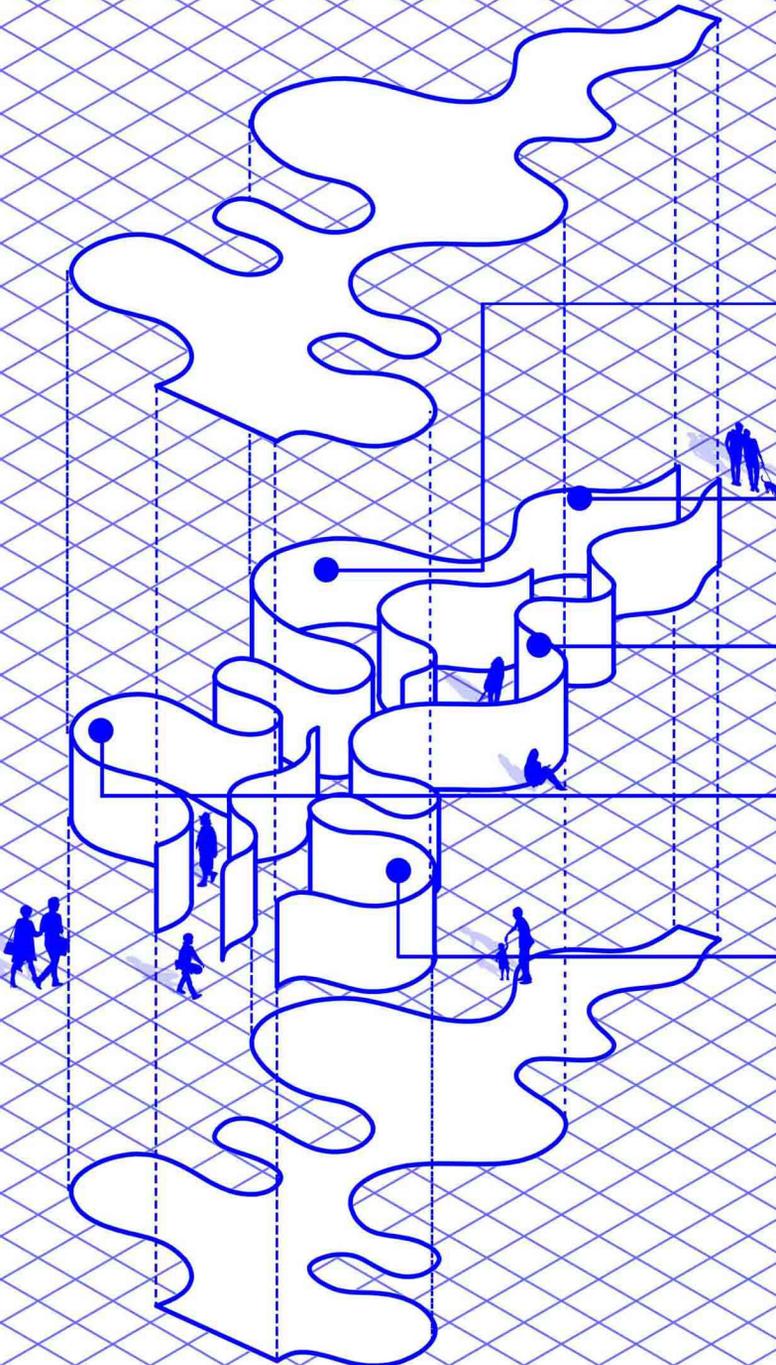
street artists
music playing
peripheral sounds

Object:

Carved Nautilus

The carved nautilus is in the collections of Schloss Friedstein. The Nautilus shell object is a combination of art, crafts and nature in a wonderful way.





Artificiaia

Valuable works of art. Sounds which are collected from Schloss Friedenstein and Ducal Museum Gotha. Soundmarks.

Mirabilia

Wondrous things. Peripheral sounds which are collected from Gotha.

Scientifica

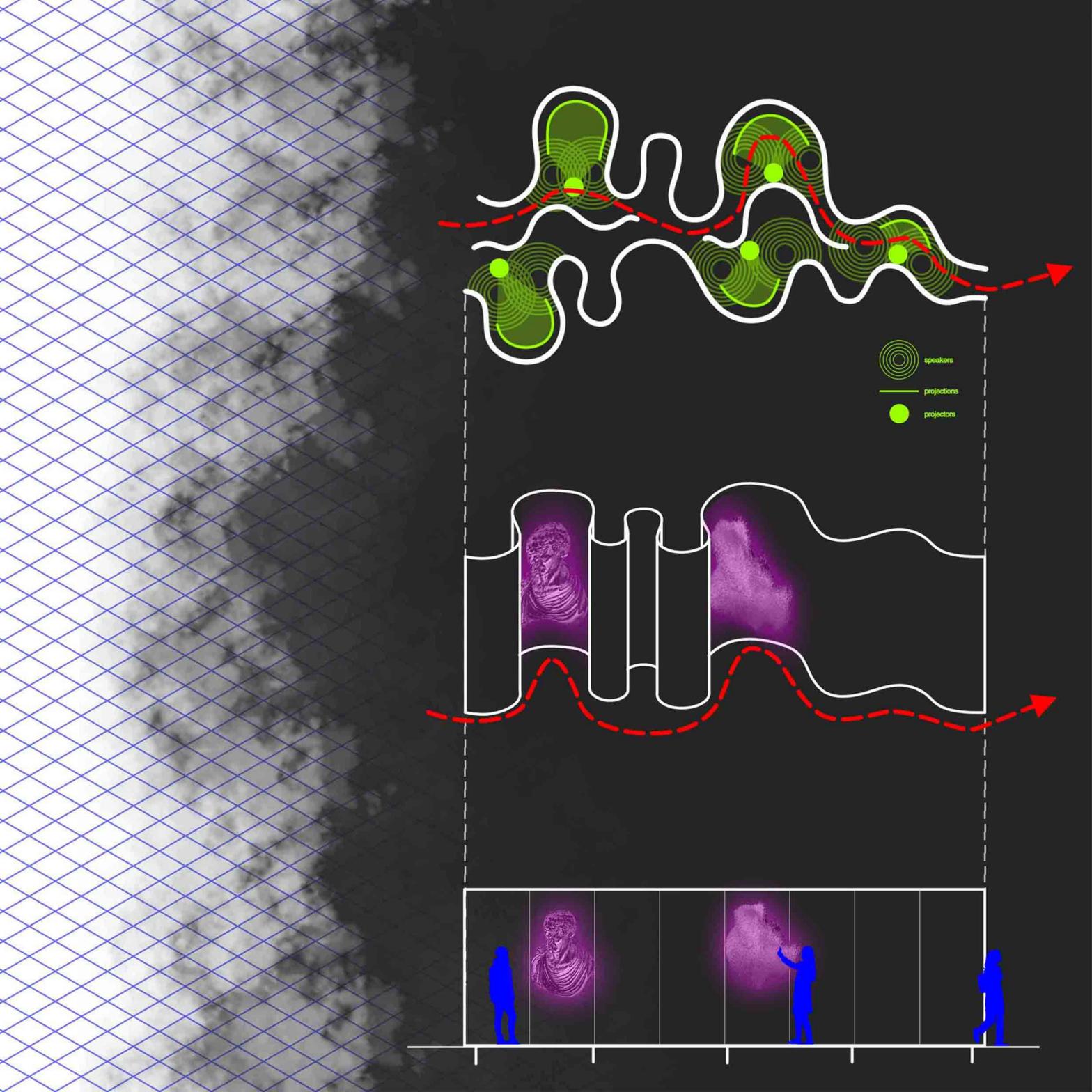
Scientific instruments. Keynote sounds which are collected from Gotha.

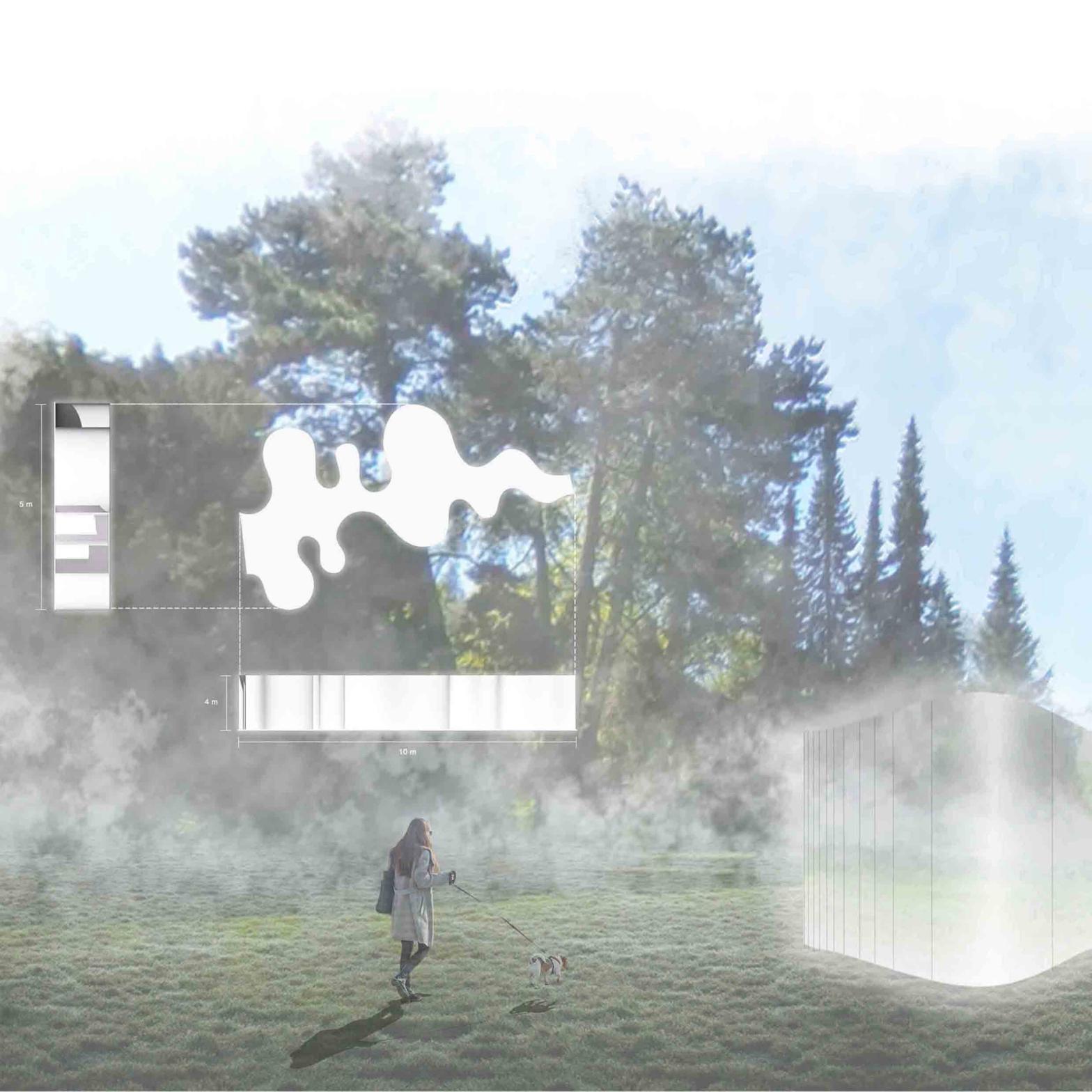
Exotica

Objects from foreign worlds. Background sounds which are collected from Gotha.

Naturalia

Rare natural objects. Natural sounds which are collected from Gotha.





5 m

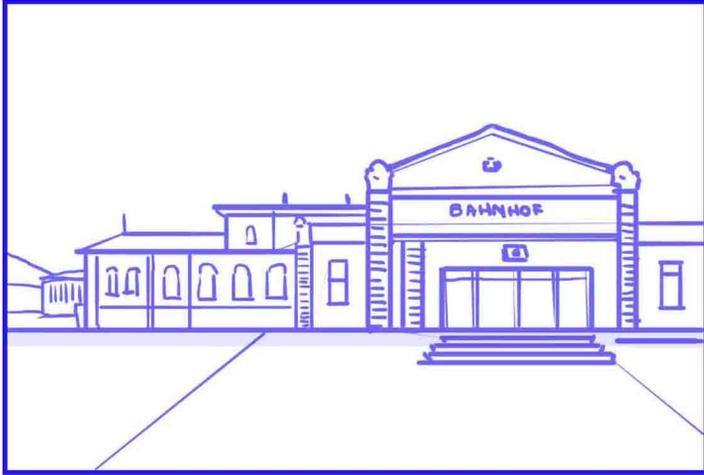
4 m

10 m

Baroque Architecture and Alter.ii

organic forms
dynamic
teasing
puzzling
immersive
dreamy
integrated
blurring boundaries
mysterious

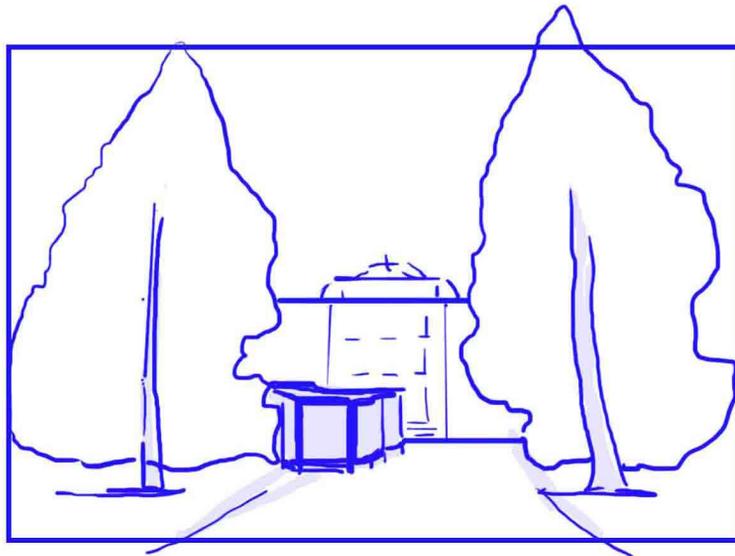




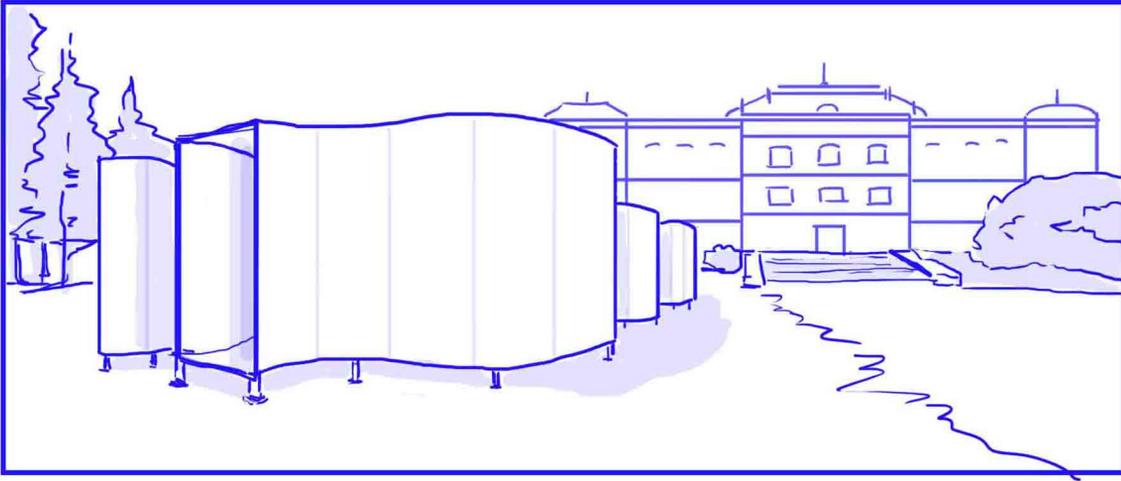
1. The visitors of Gotha arrive to the city from the train station



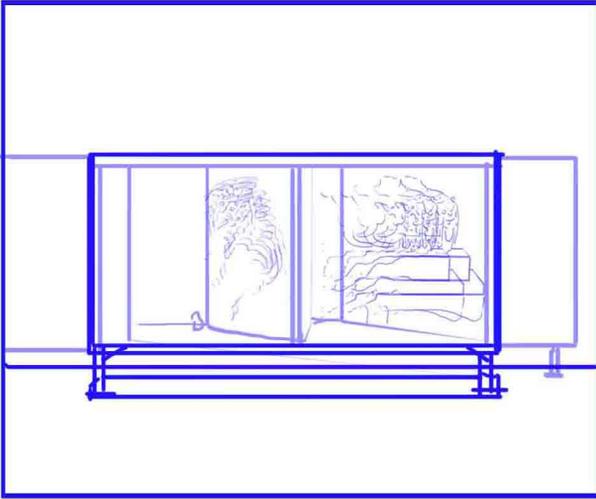
2. To go to the city, visitors go through the park.



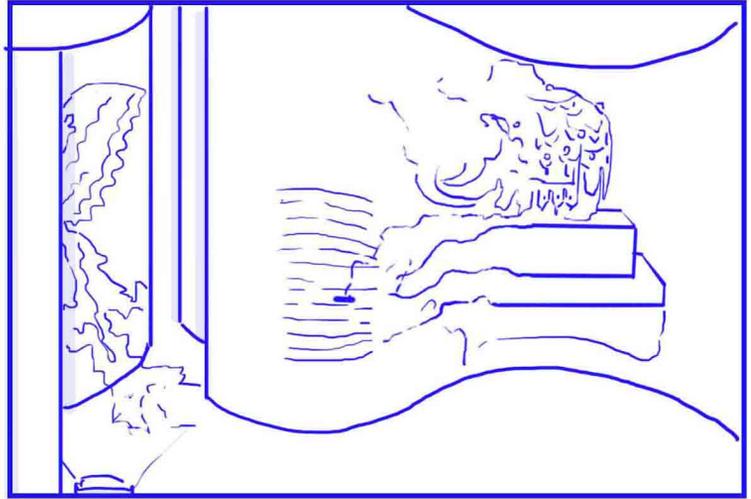
3. The visitors stumble upon the Alter.ii installation.



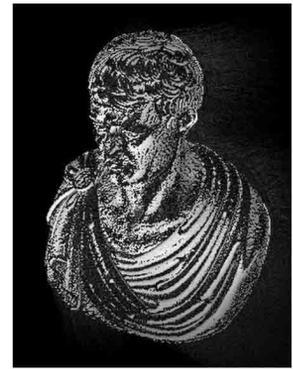
4. The installation welcomes visitors and raises their interest in the baroque world of Gotha and wunderkammer.



5. Entry to installation



6. By experiencing the installation, visitors connect through sounds and visuals.



Frequency Categories

<400 Hz - Bass Sounds

wind blowing, water stream...

400-2000 Hz - Midrange Sounds

leaves, grass, stones...

>3000 Hz - High frequency Sounds

birds chirping...

Bass ● ——— ● Particle Dispersion

Midrange ● ——— ● Color to Noise exponent

High ● ——— ● Color to Noise Amplitude

