

The collision of modernism and gothic architecture

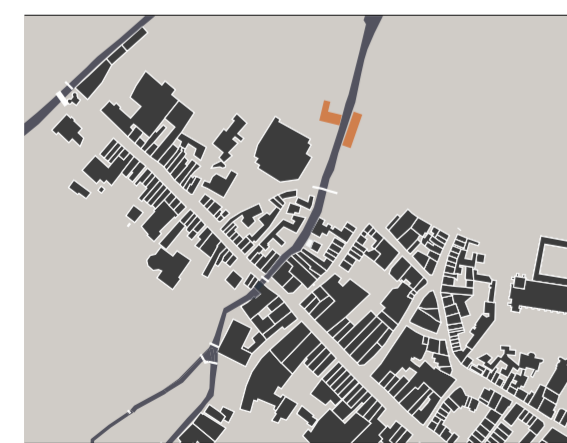
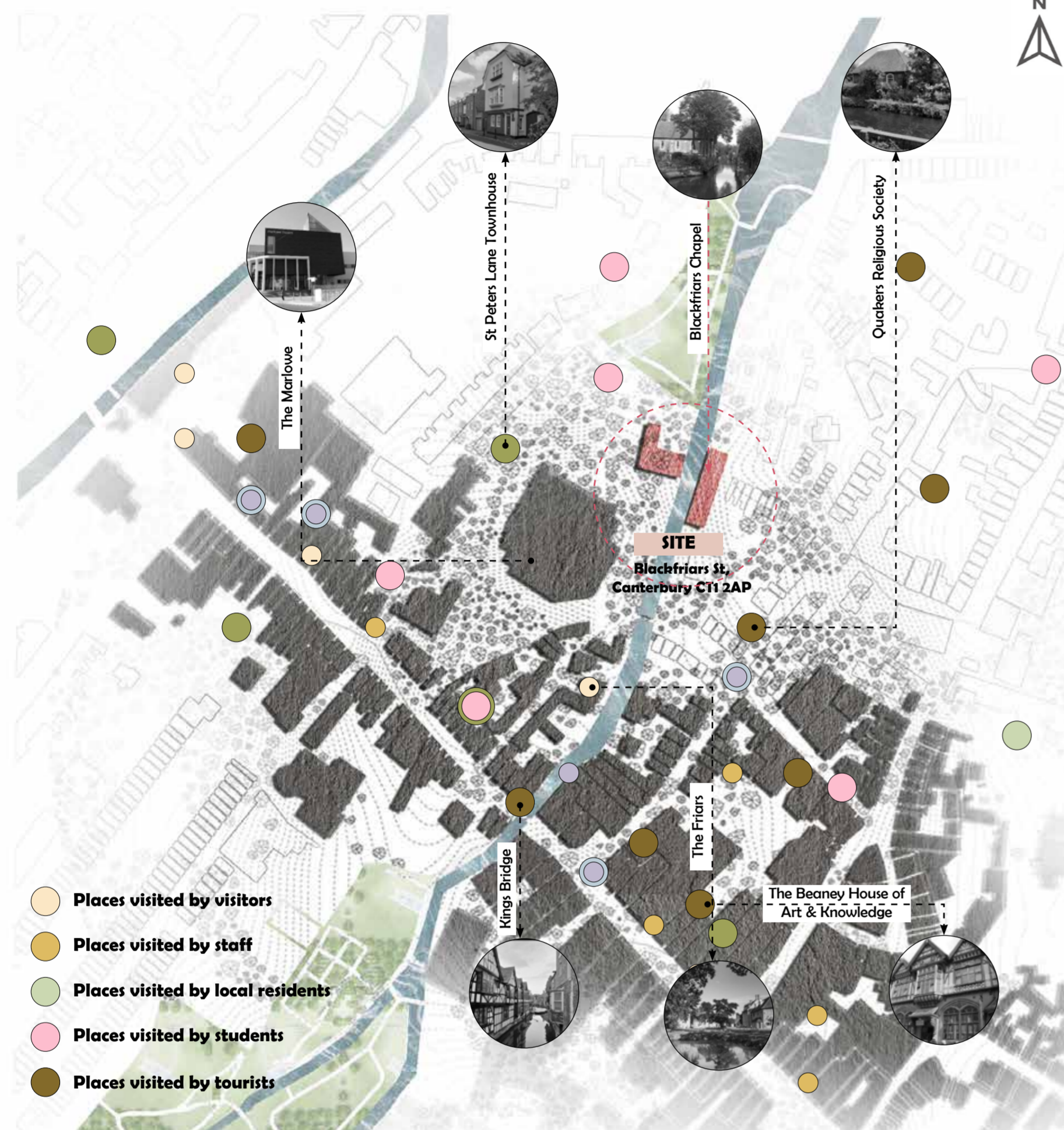
Client : The King School
Brief : New public facing arts hub occupying the remnants of the former Blackfriars Abbey 1260AD on the river Stour

Respecting history while facing the future:
In the process of innovation, it is extremely important to respect our inherited history and culture. The collision between modernism and Gothic architecture is a dialog between history and modernity, tradition and innovation. This collision not only enriches the expression of any new form of architecture, but also provides us with a new perspective to re-examine and understand the art of traditional architecture.



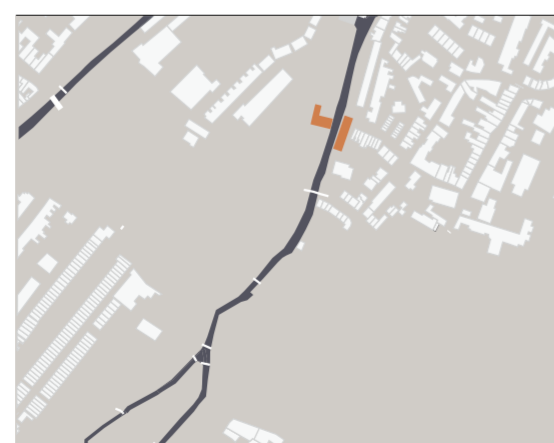
MAPPING & BACKGROUND

User Group Path



Public Building

Public buildings include Canterbury's main pedestrian street and several famous land-marks. The entire public building area extends from the northwest corner to the southeast corner.



Residential

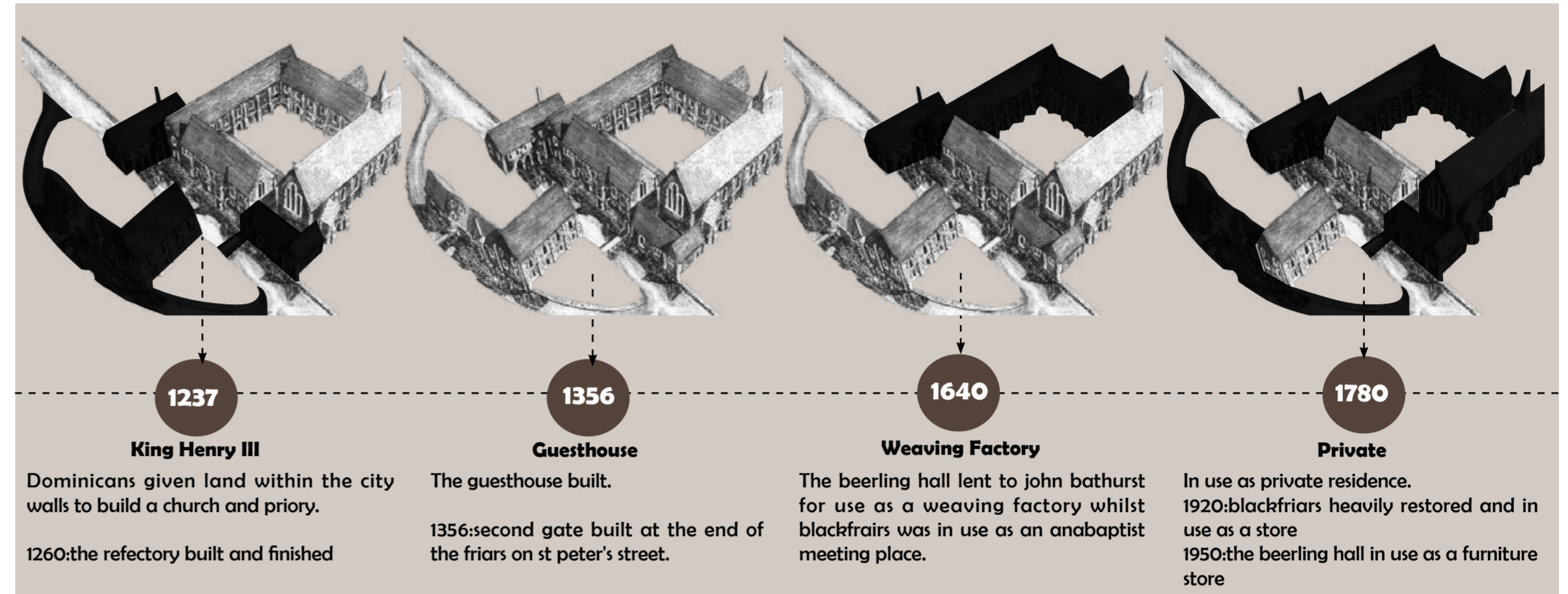
Residential buildings are located around high streets in the core area of Canterbury.



Traffic

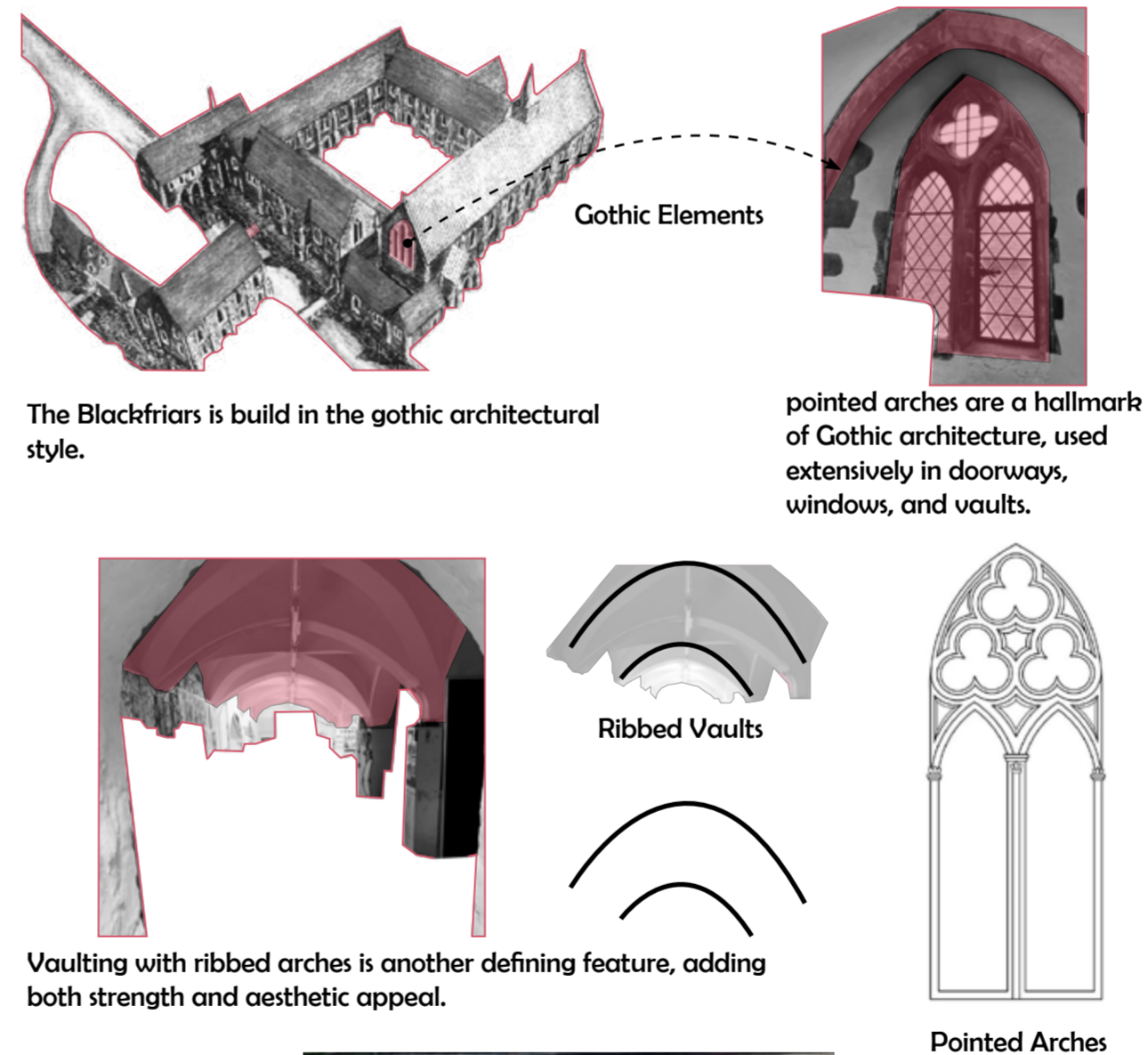
Most of the areas surrounding the project are pedestrian paths and a small number of lanes. Most people travel by foot, and the entire city's main roads surround the entire area.

Historical Timeline

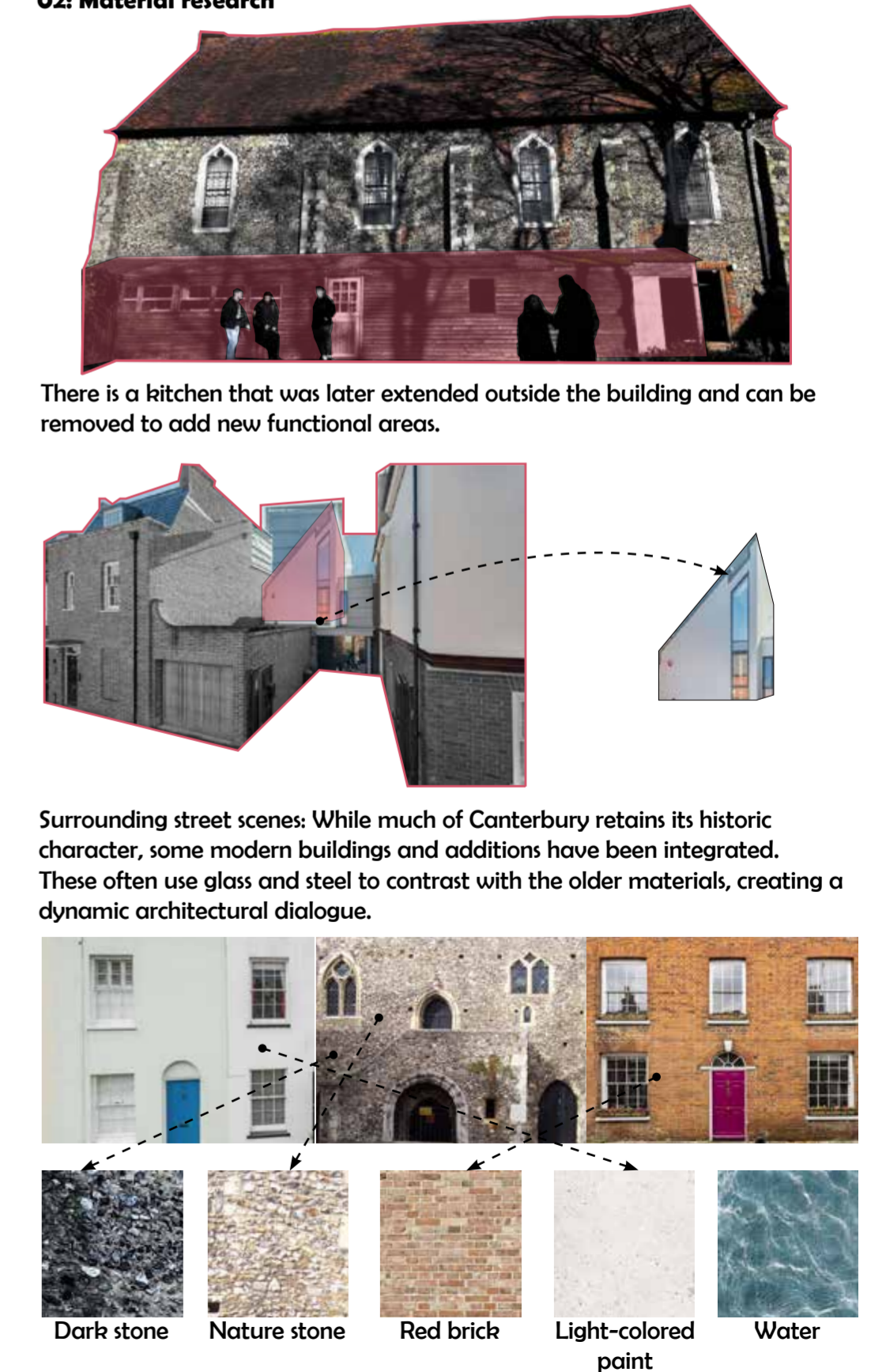


Design elements research

01: Style Study



02: Material research



PROCESS & PLAN

Moodboard

Design should be sustainable and alive. It can grow new life while maintaining the old language as time changes. My goal is to give new life to old buildings. The new and old have a strong contrast, but also blend with each other.



Material Sustainability

Low carbon cement substitute:

Blast furnace slag cement: Utilizing blast furnace slag, a by-product of iron and steel production, as a partial cement substitute can reduce CO2 emissions.

Fly ash: Fly ash produced during thermal power generation can be used as a partial substitute for cement, which not only reduces the accumulation of waste, but also lowers the carbon footprint of concrete.

Silica Fume: As a microsilica powder, which is a by-product from the production of ferrosilicon alloys, it can improve the strength and durability of concrete.

Recycled Aggregate:



Handmade Site Model

By learning from handmade models, I can better understand the original structural relationships and vitality of the building, so that I can conduct more in-depth research and activate the vitality of the space.

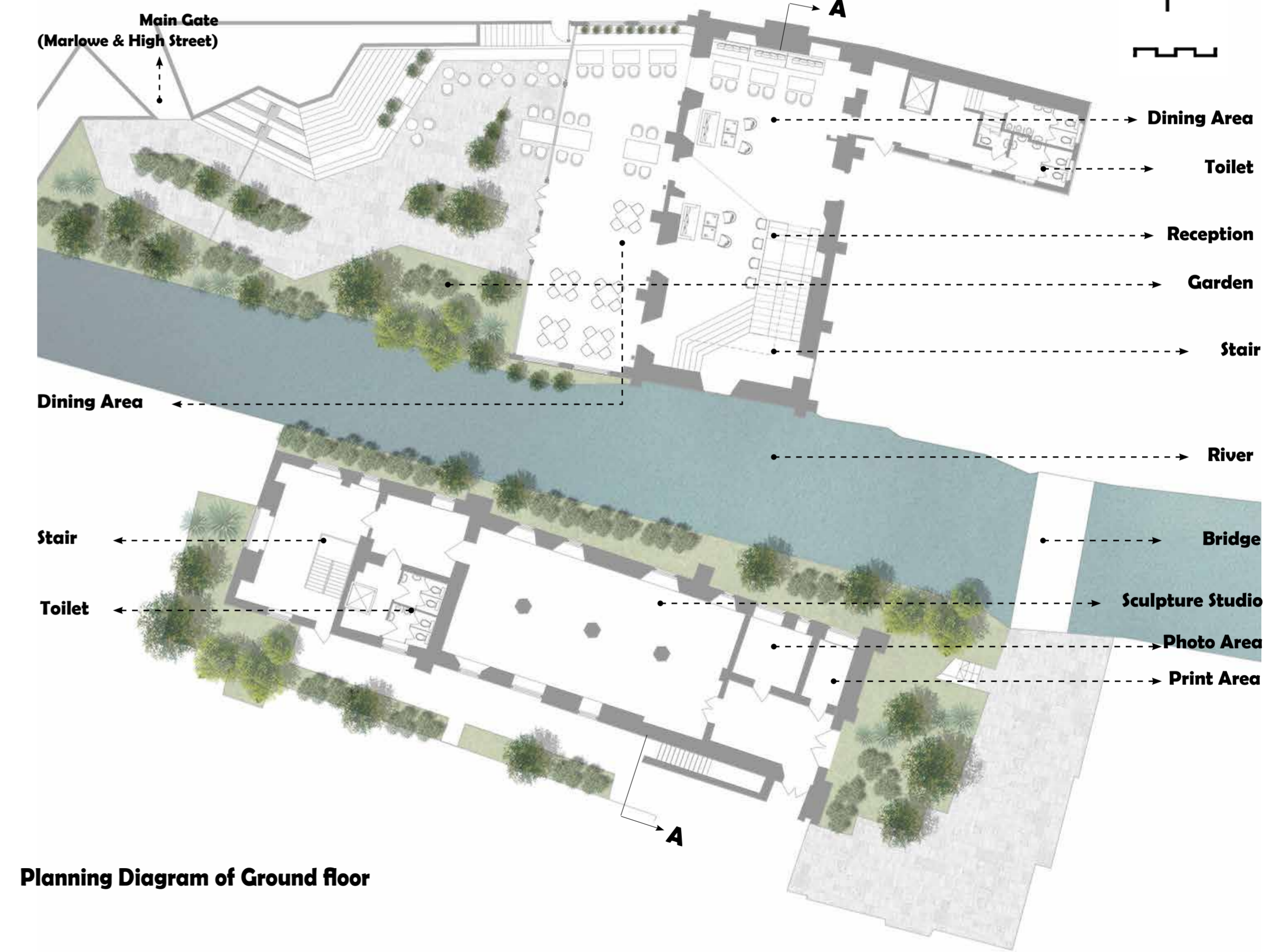


PLAN



Planning Diagram of First floor

Planning Diagram of Second floor



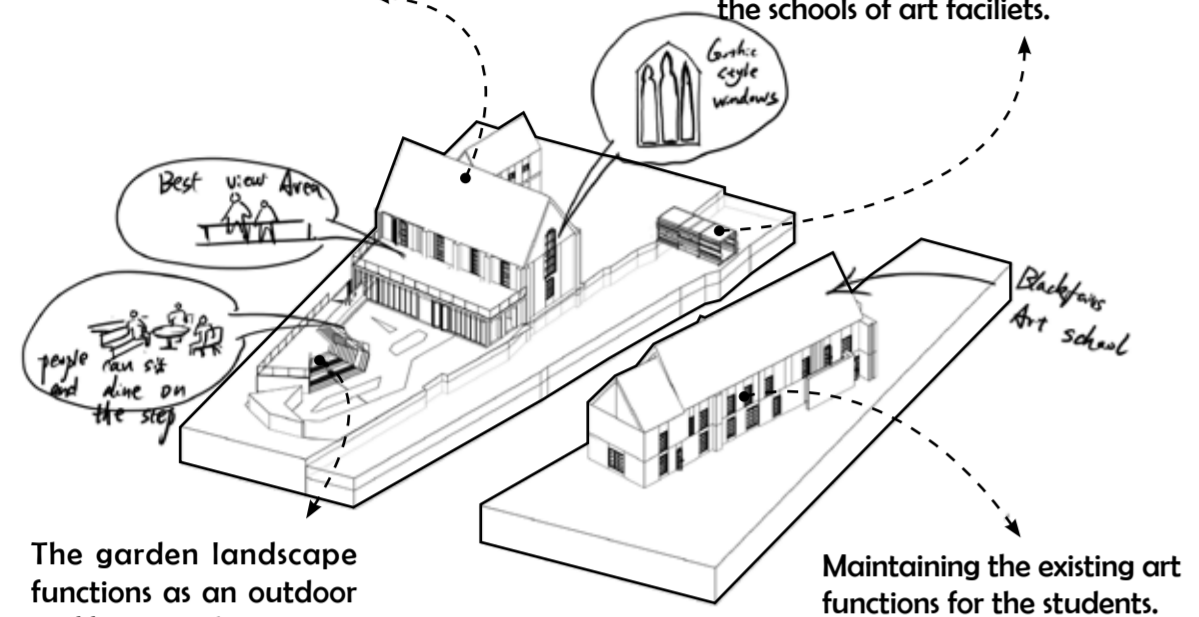
Planning Diagram of Ground floor

VISUALS+SECTIONS

Activities

Add the functions of coffee shop and exhibition hall to serve new art groups and attract the public.

Adding a bridge to connect the buildings on both sides of the river has developed the expansion of the schools of art facilities.



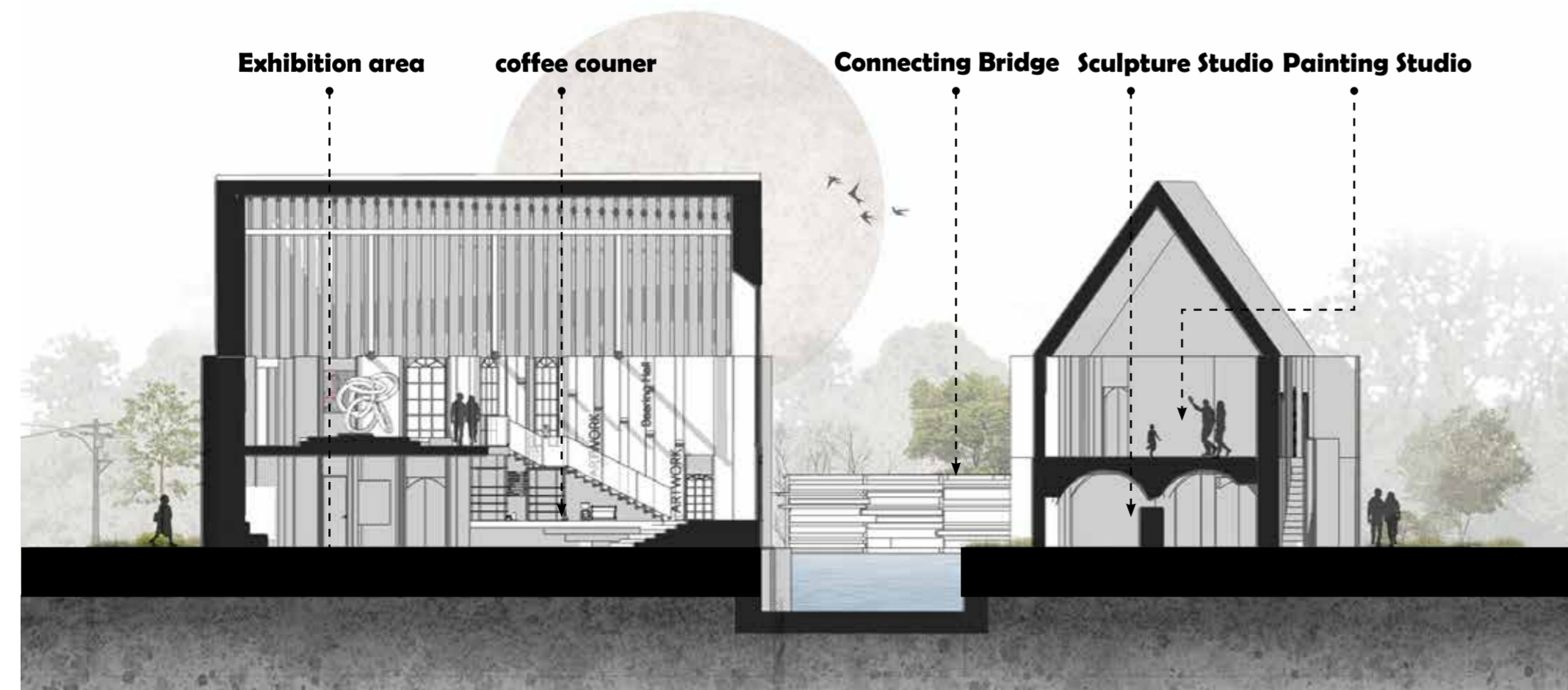
The garden landscape functions as an outdoor coffee and leisure exhibition hall and connects directly with the Marlowe theatre and the high street.



View of the 1st floor exhibition area



View of the coffee shop extension & out door theatre



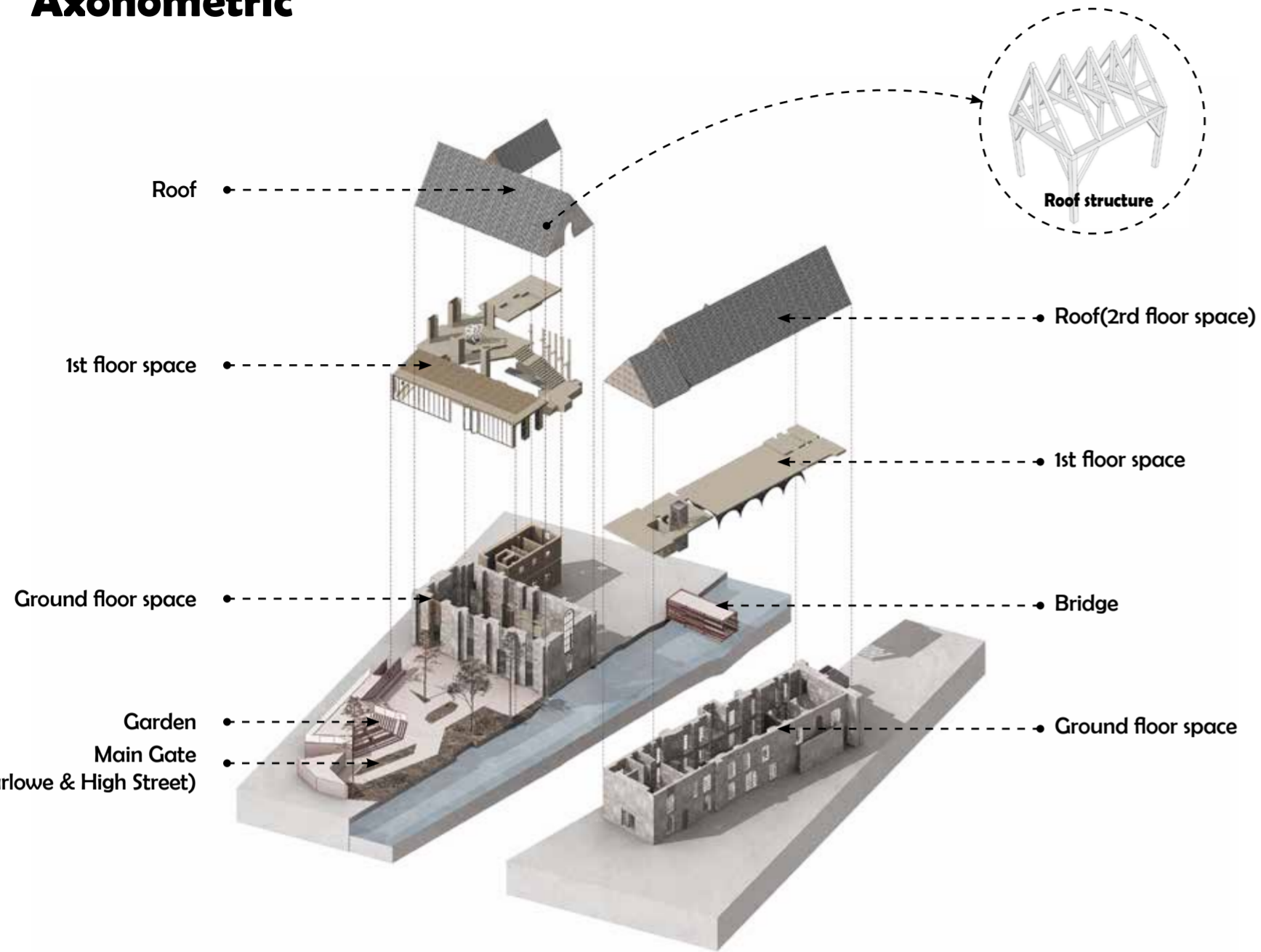
Section A-A



Ground Floor - Coffee Shop Extension with cast coffered concrete ceiling

VISUALS

Axonometric



Nature stone	wall GF& 1F	Original material
Wood	Ceiling Roof	Original material
New material	Ceiling Roof Floor	New material
Stainless steel	Furniture Wall GF& 1F	New material
Glass	Windows Handrail Door	New material
Green fabric	Furniture	New material

Materials

