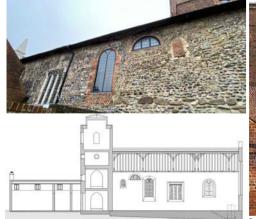


NORTHGATE SITE - ST MARY'S CHURCH AND JOLLY SAILOR PUB **ANOTHER DIMENSION**

by Evgeniya Kozicheva



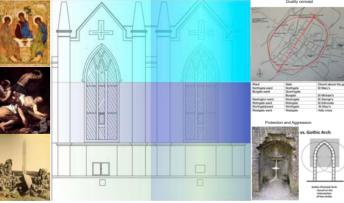
SITE ANALYSIS



Yellow Brick St Mary's Hall, tower and offices Section, Elevation illustrating un- roof insert even windows and a "hole in the wall"next to square window.



External Door on the second floor of the Cottages



St Mary's 1830's Facade is build in two faces to commemorate the second St Mary's church that was part of the city wall and was opposing one in Northgate site. Line drawn between them will divide the city equally.



RESEARCH



ran between the towns of Canterbunday 3rd May 1830, a clanking pasvicta' pulled into the platform near ving nearly 300 excited passengers e Line', as it affe ne the firs in the world' as stated in the G ss Book of s. By 1836 the 'Invicta' was replaced and a third wind was built at South Street. Railway engineering wa on the line with embankments, cuttings, leve gs, **bridges** and an 836 yard (764 metres) **tunnel** through e high ground at Tyler Hill.



City Council, Kent County Council, Kentish Stour Countryside Partnership and S

sible to the public. The construction of the route took place in 1999 and it n October 3rd at the Winding Pond with 400 people attending the event. The

was formed. In the same year, a charity, the Crab & Winkle Line Trust was created to pr

make it ac



note the



Catering for the troops off duty needs An unconfirmed a story about the Penny theatre tells a police raid in Victorian times on part of the premises, said to have been used as a brothel. The men inside have ducked through a bolt hole in the cellar and then emerged innocently in the theorem?

We now have nothing to attract our notice till we to Northgate, except that we cross a street parallel to the city wall, which on the right hand, is continued al-most to the bank of the river, and, on the left quite as far as the castle and St. Mildred's postern. That part on the right hand is called Duck lane, and leads to St. Radegund's bath, a fine spring, built over, and fitted for **cold bathing**; the basin or bath itself being twenty feet long, eleven feet wide, and from three to four feet deep." A dwelling house adjoins to it of modern structure, but in altering a very ancient one, near the bath, some hollows or pipes were discovered, carried along in the thickness of an old stone wall, which seemed a contrivance for heating the room in former times, and making a sudatory or sweating room of it. to Northgate, except that we cross a street parallel to

"Is it about a bicycle?" Flann O'Brien, The Third Policeman

SITE PROGRAM



Cycle-through building



 Cycle-through building
 The Red Bull Mini Drome is engineered by Velotrack, the team who built the velodromes for the Atlanta Olympics and the Delhi Commonwealth Games. The track measures 7 m wide by 14 m long with a track of 1.8 m wide.

 Staff at The Alphabeta development converted office complex on London's Finsbury Circus can cycle straight into the building and down a ramp that leads to a storage space for 250 bikes.
 The Red Bull Mini Drome is engineered by Velotrack, the team who built the velodromes for the Atlanta Olympics and the Delhi Commonwealth Games. The track measures 7 m wide by 14 m long with a track of siders competed in single timed races on the track distancing only 25m.

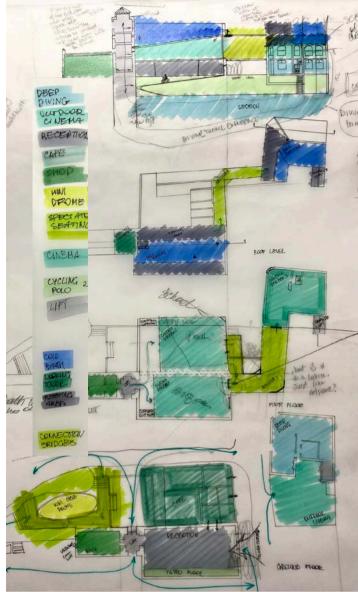
Hot Spa in Bath



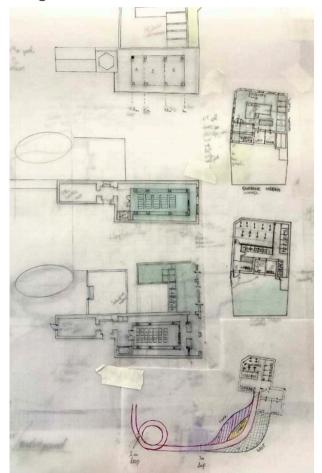
Outdoor cycling cinema

CONCEPT DEVELOPMENT

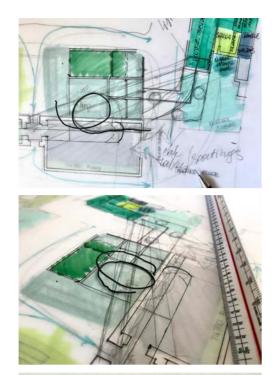
Applying the program to the site plans and section.

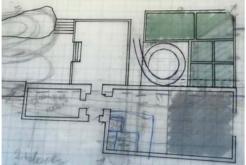


Following my research into history and context of the site of Nort hgate, I am exploring options of introducing cold bathing in the roof of the buildings, as well as deep diving centre and cinema, connecting them through the bridge and the tunnel.



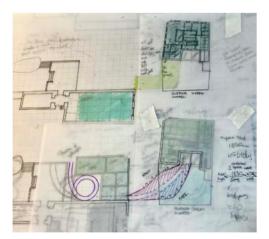
In this plan I am placing support columns along the perimeter of the cold bath basin in the roof of the church hall. That gave me the opportunity to use the full hight of the columns for the two storey cinema insert box by wrapping the walls around them.





Using wire of required length to determine the shape and position of the proposed tunnel that will connect the Church and the Pub underground.



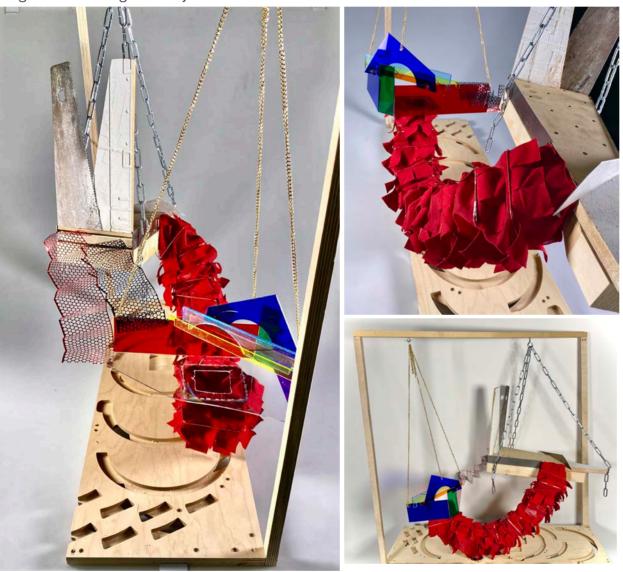


Overlaying the shape of the existing flower beds from the site onto proposed tunnel to widen it and create enough space for underground bicycle parking and rental facilities as well as storage lockers for foldable bikes.

CONCEPT COLLAGE



Passive and active concept is applied to the functions of the buildings illustrated by two seemingly opposite characters and exchange that is happening between them on the background of the grid analysis from the walls of the Church.



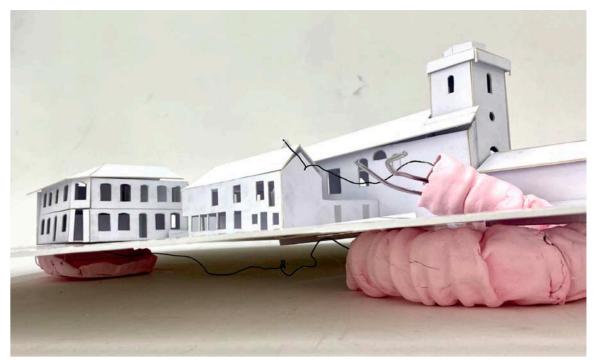
CONCEPT MODEL

This model represents St Mary's Hall, formally church with cottages and Jolly Sailor pub and proposed connections between them. The staircase symbolises frail surface connections between two parties, whilst the red tunnel is allowing for mush deeper relationship that is hidden from the eye. Unlike other buildings on the street, I imagined that these float in **another dimension**, independently from their surroundings.

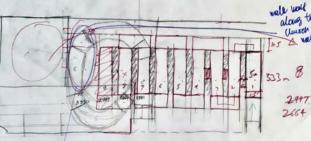


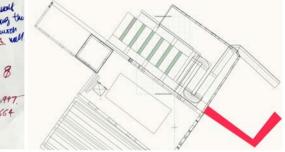
DIGITAL MODEL DEVELOPMENT

Development of cycle rump

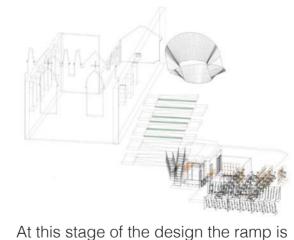


Using 1:100 card model from group work, I have produced a maquette of the tunnel connection from the Church to the basement of the Pub.

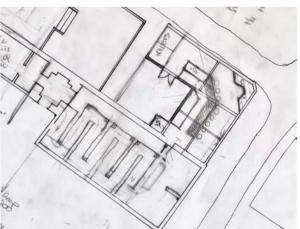




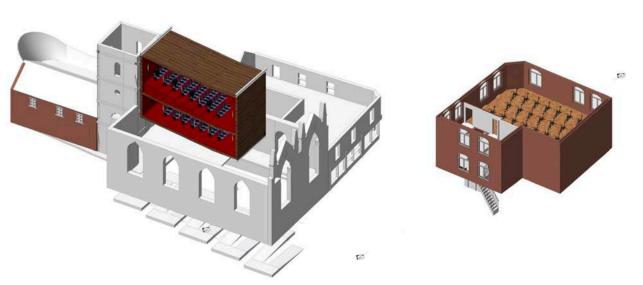
Workings of the length and width of the cycling ramp, manually and digitally.



still outside.



Absorbing cycling ramp inside the walls of the former church in a sketch form.



The hight of the ceiling inside the church allowed for placing a two storey cinema box over the cycling ramp in the way that positioning of supporting steel I-beams is not interfered with the turns of the ramp and therefore is complacent with regulations.

1:50 DEVELOPMENT

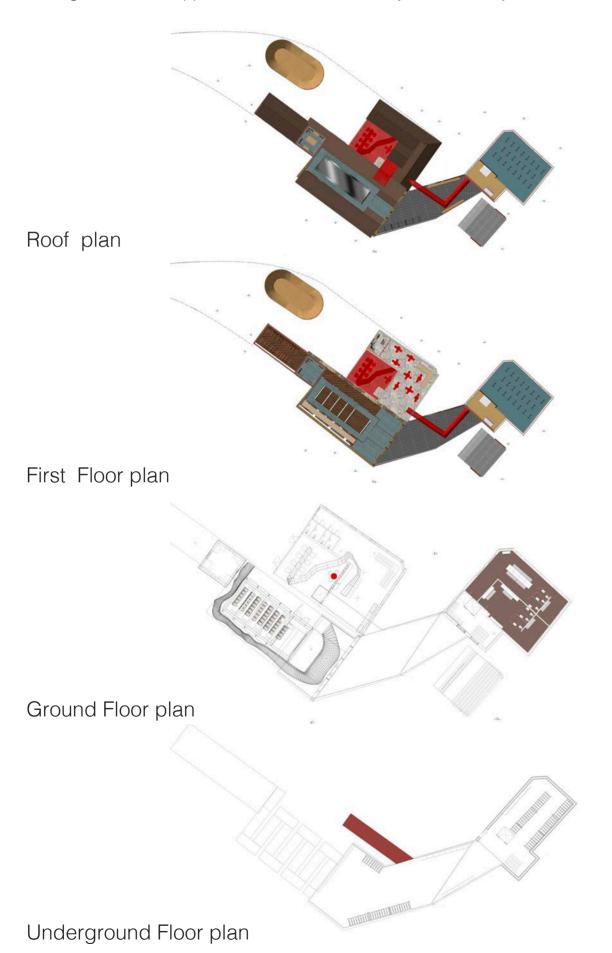
Introduction of the "red ribbon" indoor hill and wrapping staircase to the interior of St Mary Northgate

Combining historical research of the Northgate site, Canterbury, where the church of St Mary went through shape shifting through centuries of its existence from long bridge across the road reaching closer to Jolly Sailor Pub back to its current shape and closer analysis of the interior of two buildings after site visit with research of the cinemas and outdoor pursuits in the area, I have discovered many similarities with the narrative of "The Third Policeman" by Flann O'Brien.

Seven hundred years of rich history of the church left its heavy print on the walls of the building. They are easily seen in uneven and blocked windows of the wall that was thick enough to protect the medieval Canterbury from invaders as well as in bright yellow brick insert of the roof adjusting its shape from the 1800th "M" shape to a partially flat top that it is now.

In the book the folds in between the walls are big enough to accommodate whole police station that is mainly preoccupied by solving mysteries of the disappeared bicycles.

These observations allowed me to link seemingly opposite themes of activity of bicycle riders with passive escapism of watching a film in a programme for my design and introduce an indoor hill as a way of managing circulation inside the building, the soft fold in between the rigid downward moving cycling rump and a solid upward moving staircase, wrapped around the double storey cinema box, just like a ribbon.



1:50 DEVELOPMENT



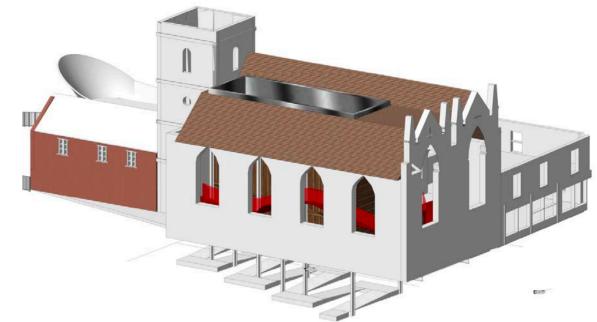
1:50 MODEL



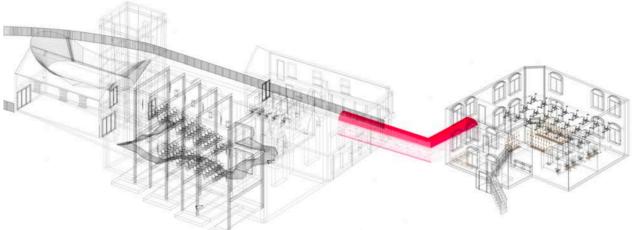
1:50 MODEL DEVELOPMENT

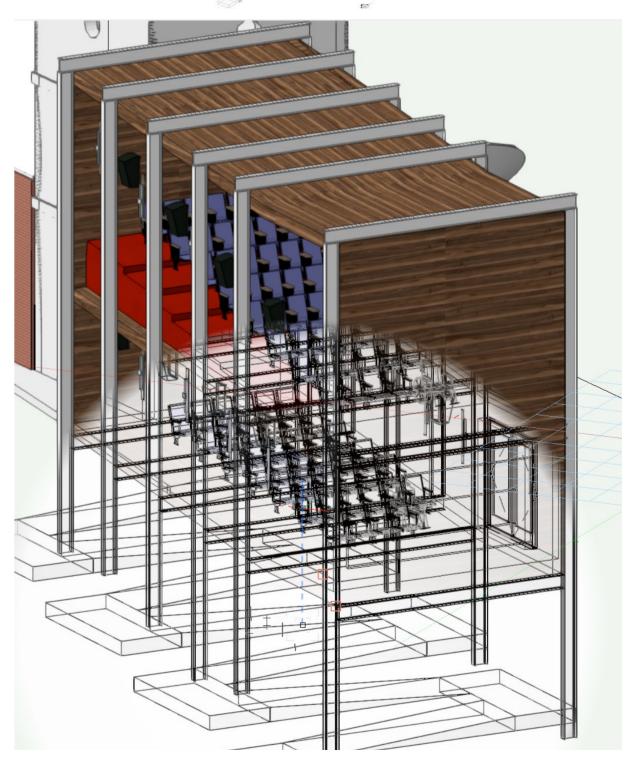


DIGITAL MODEL DEVELOPMENT

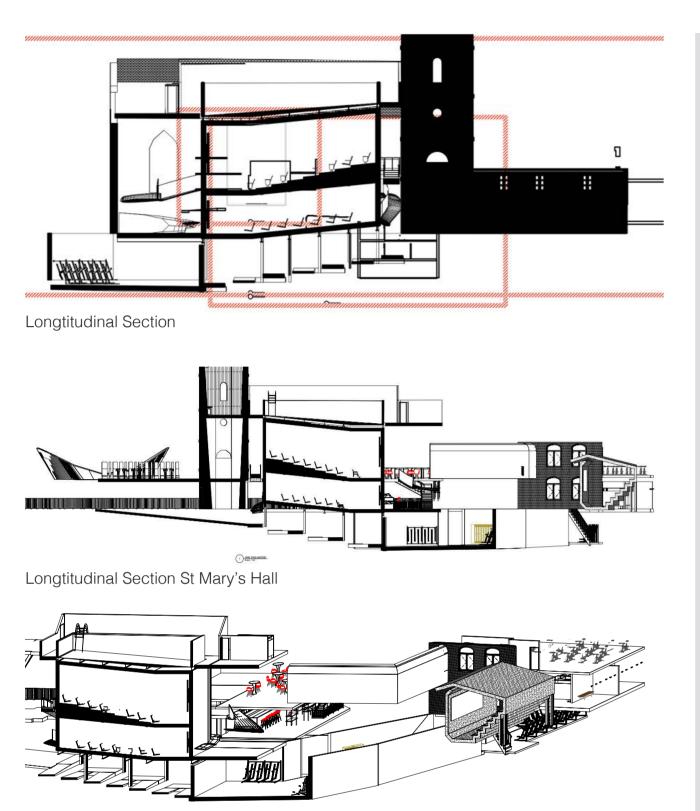


View inside the two storey cinema box insert with supporting structure and the lowered bicycle ramp leading to the bicycle parking and renting underground





1:20 DEVELOPMENT



Longtitudinal Section St Mary's Hall



Transversal Section St Mary's Hall

1:20 DEVELOPMENT

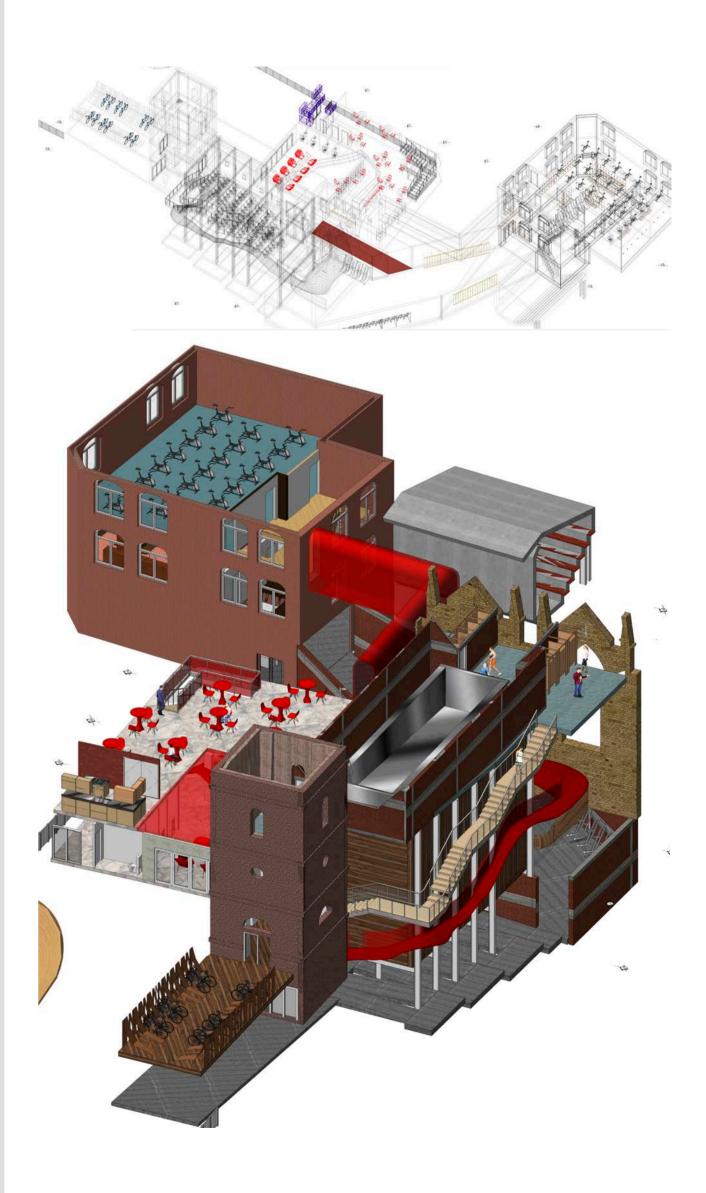




DIGITAL MODEL DEVELOPMENT





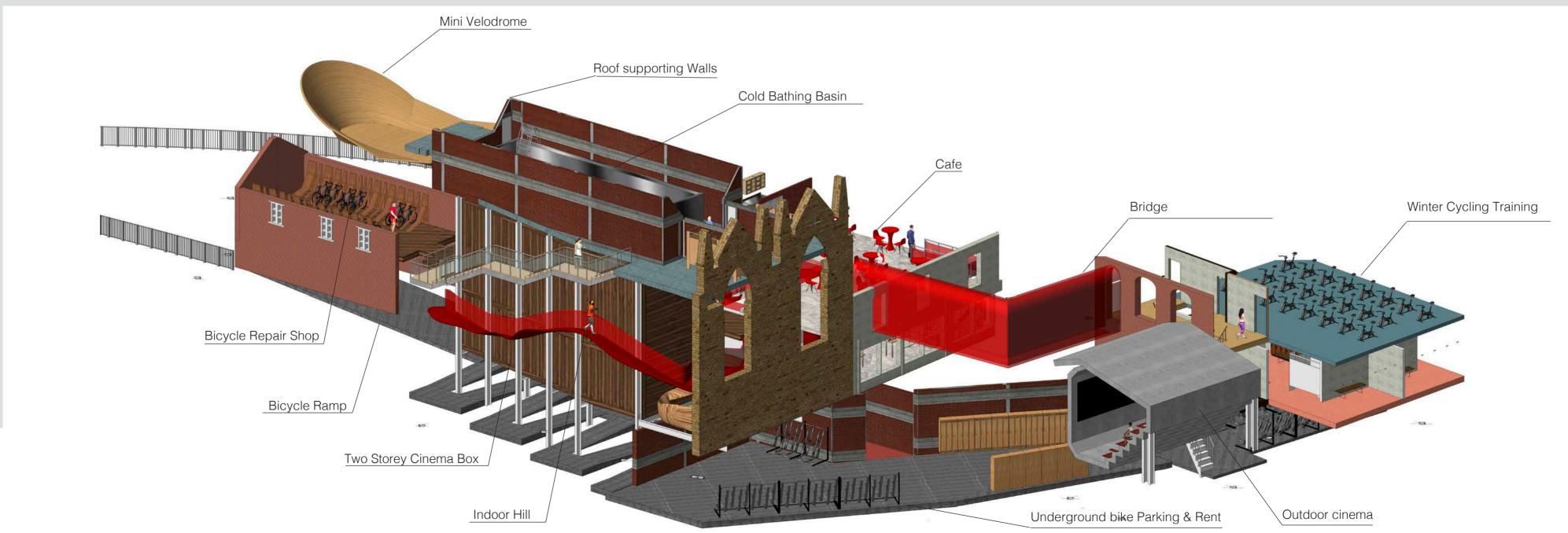


1:50 MODEL

1:20 MODEL







Northgate site AXO with proposed design Front

DIGITAL MODEL

