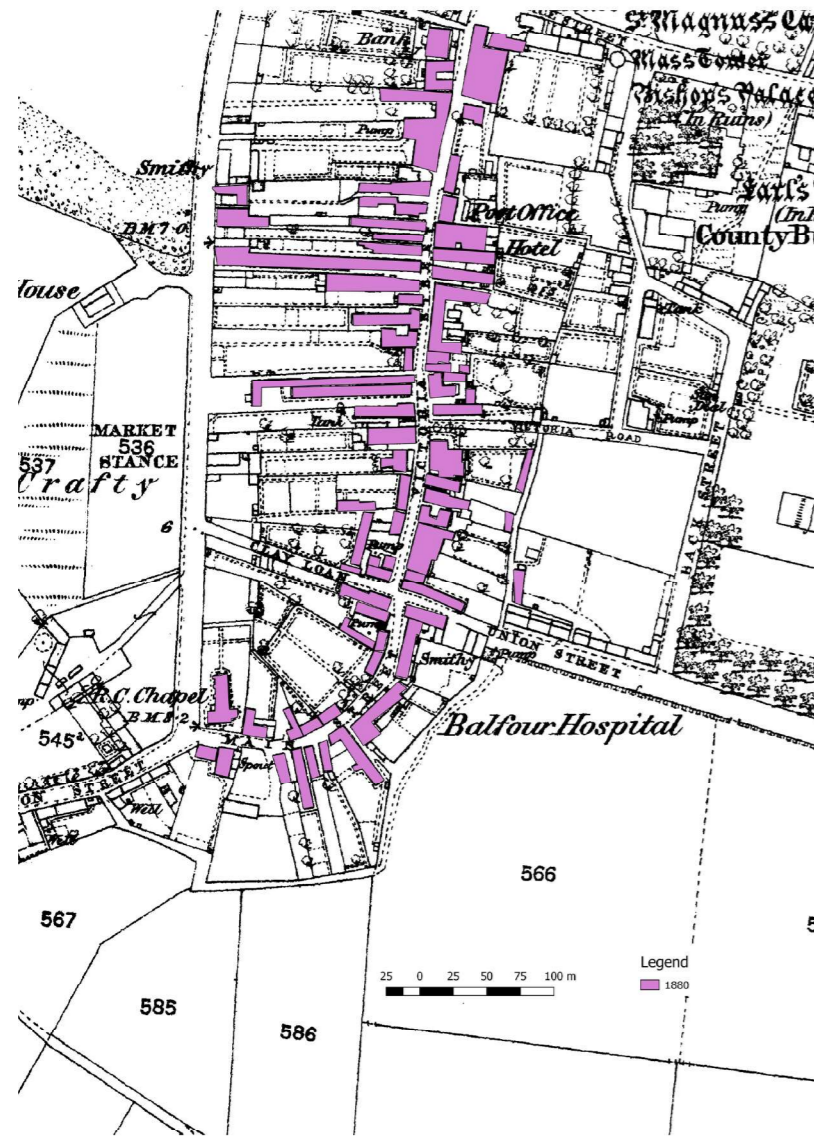
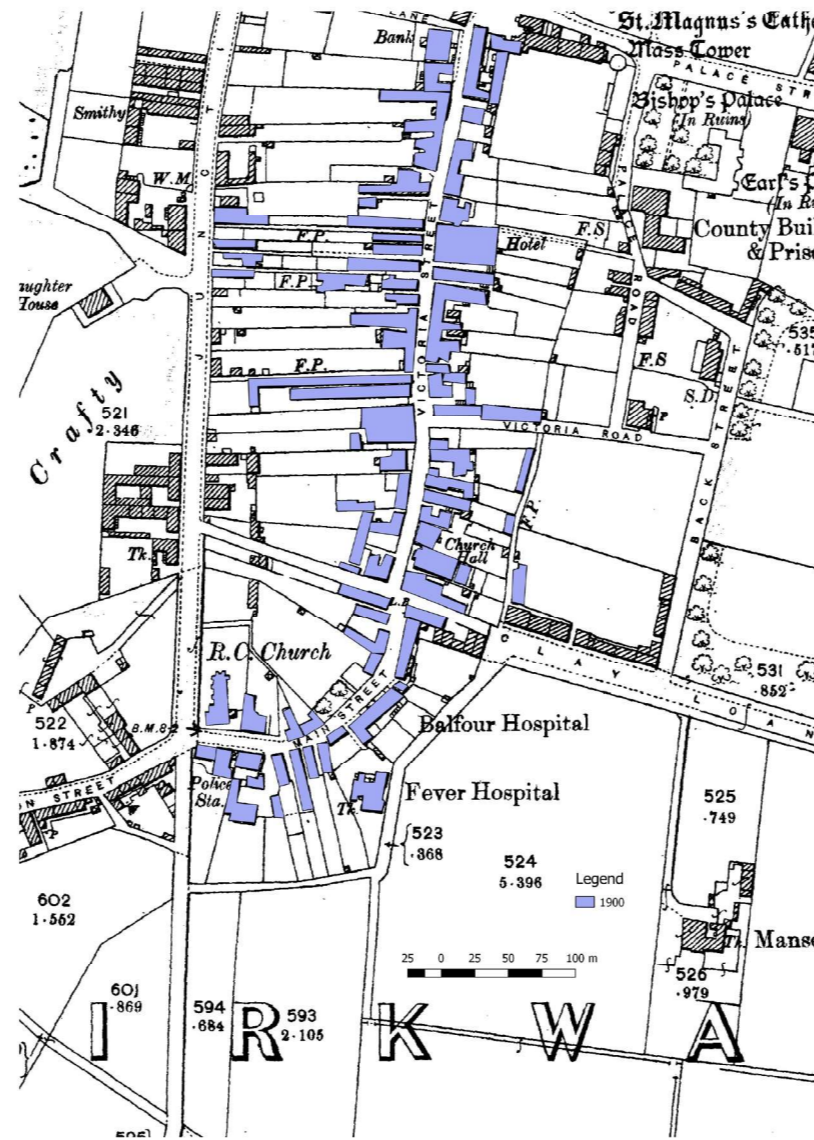


# Area III: Laverock Kirkwall Conservation Area Appraisal



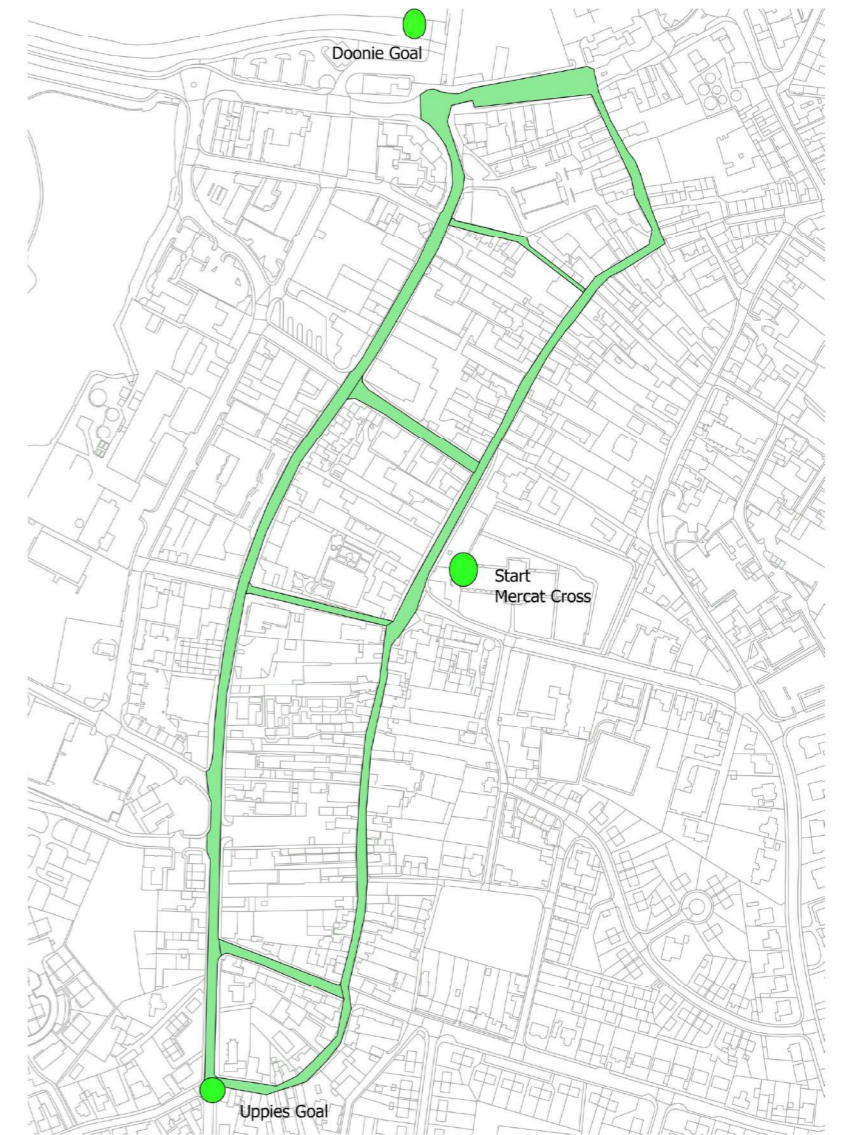
Maps showing study area in 1880s  
Original map taken from National library of Scotland.



Maps showing study area in 1880s  
Original map taken from National library of Scotland.

Kirkwall became a settlement as a Viking outpost in around 1046. The construction of the new St. Magnus Cathedral commenced in 1137, during this time the population of Kirkwall grew because of tradesmen such as stonemasons, who travelled and settled in the area for long term work. This is when the area known as Laverock first develops.

The area of Laverock did not develop significantly. Before the 15th century the buildings along Victoria street and Main street faced on to the peerie sea. The first reclamation happened in 1498 allowing buildings to be erected along the western side, these included the closes to allow people to still access the sea. The second land reclamation happened in the 19th century elongated the exiting plots and original closes were kept. Houses were demolished along Clay Loan to widen the streets for cars to pass, this took place in the mid-late 20th century.



An unlikely adverse contributor to buildings in Kirkwall is a game called 'The Ba' – a uniquely local sport which began in the 1880s, respectively held on both Christmas and New Year's Day it involves large crowds of men and boys assembling in the narrow town centre streets acting as two teams to actively pursue a leather ball known as 'The Ba', to which the sport lends its name.



Image taken from 1939 Silent movie available from National Library for Scotland.



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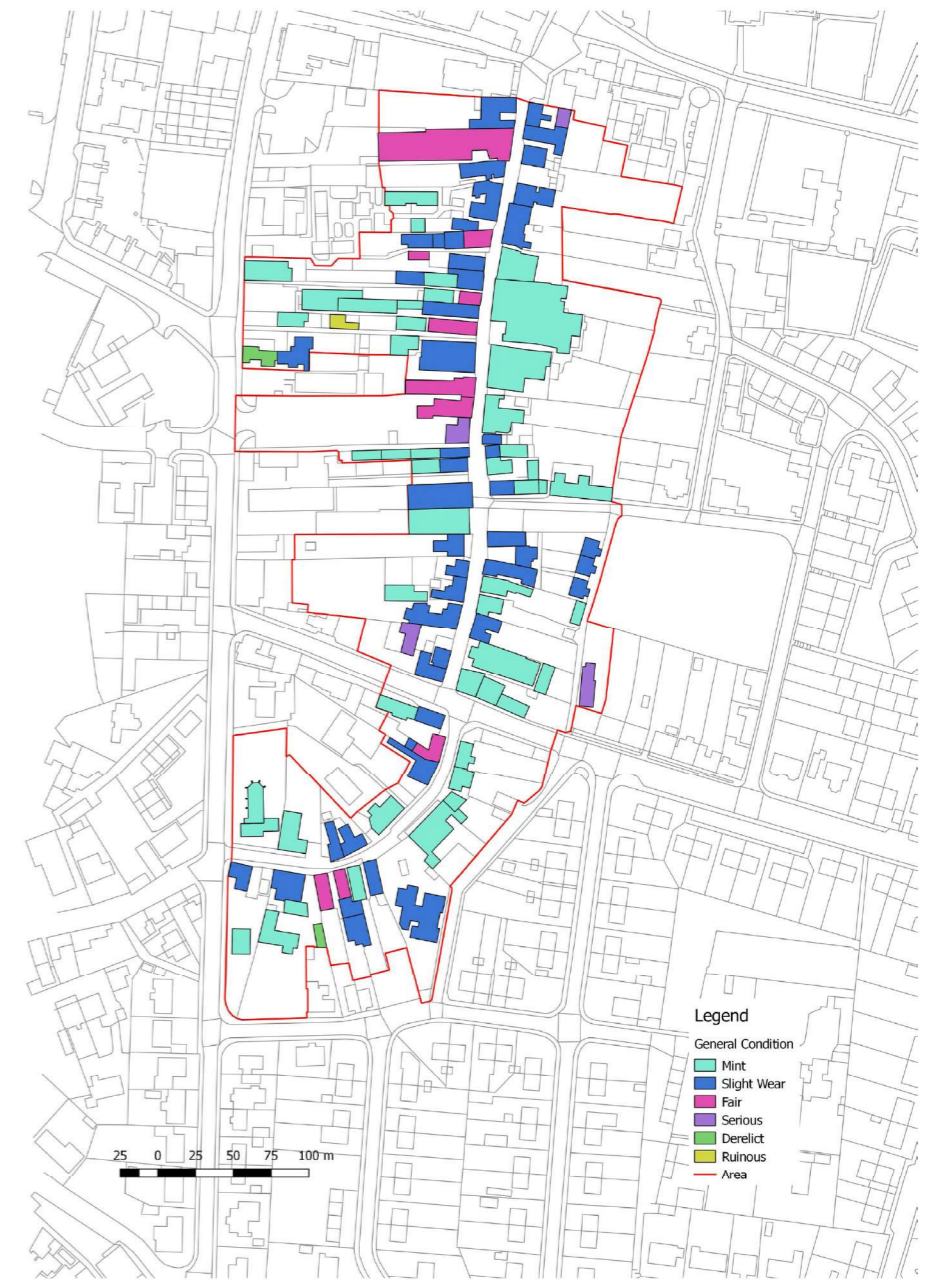
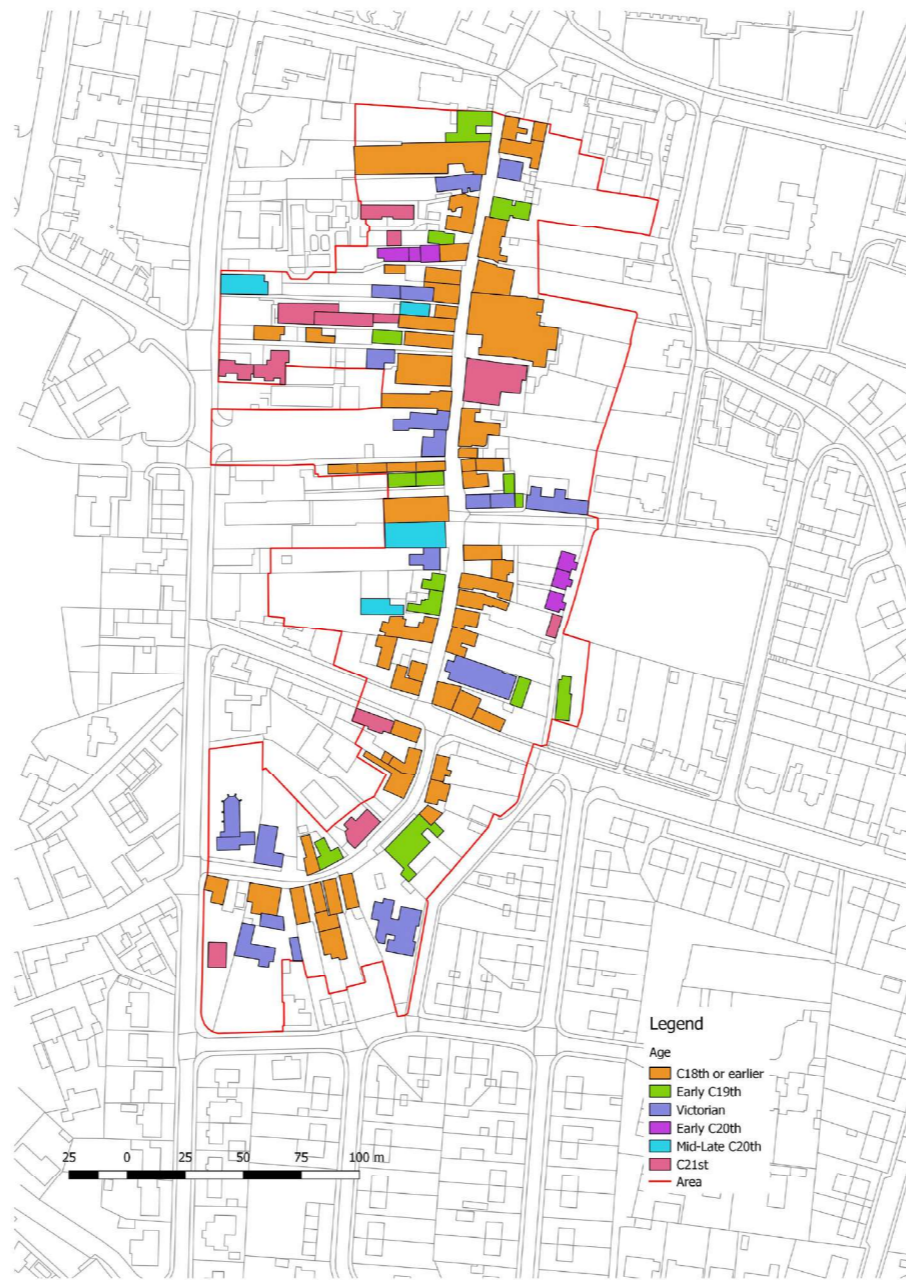
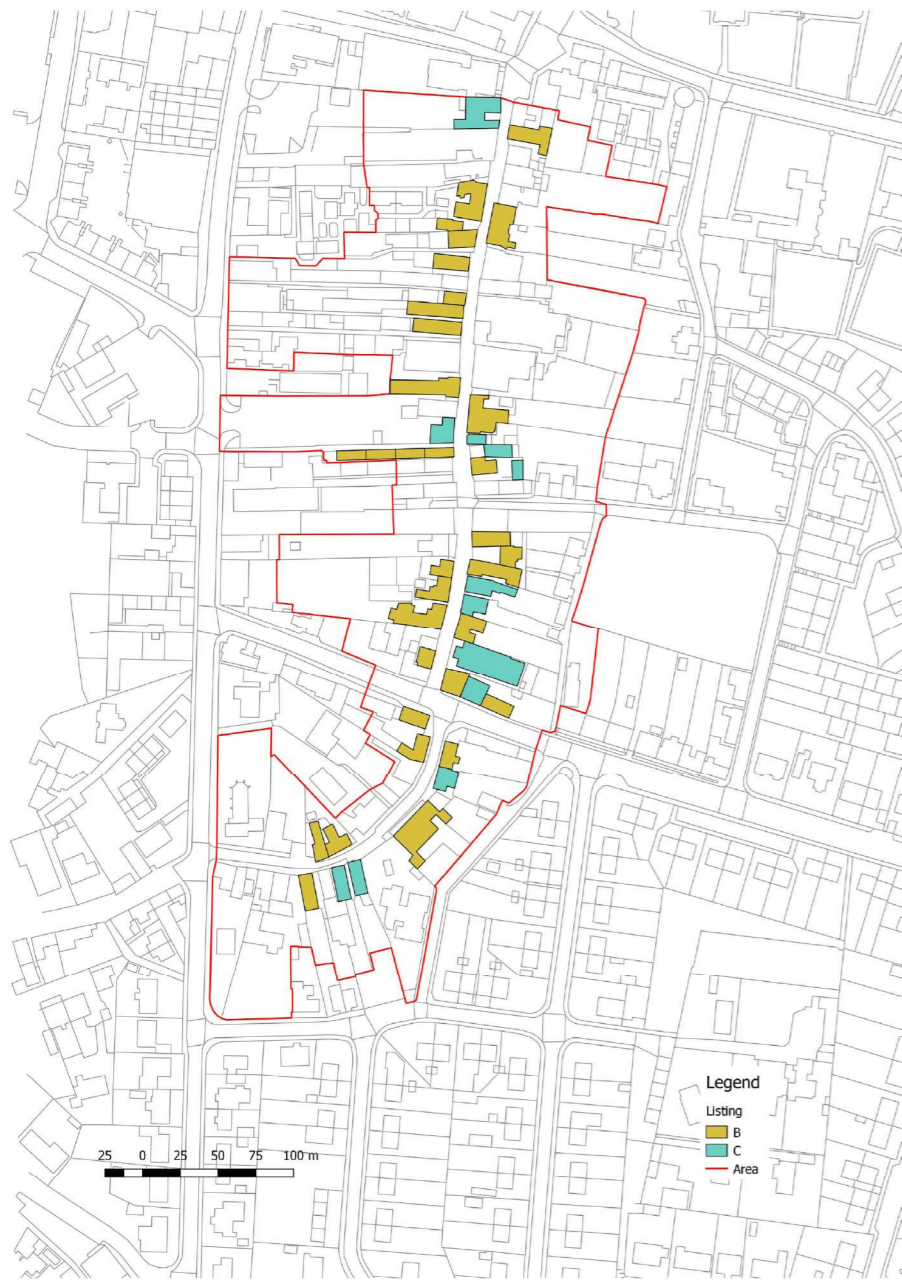
THE SCOTTISH  
CENTRE  
FOR CONSERVATION STUDIES

Decoding the city project: Kirkwall, Orkney Islands  
MSc. in Architectural Conservation | Urban Conservation 2016-2017

Course leader: Dr. Ruxandra-Iulia Stoica  
Tutor: Nikolia Kartalou

GROUP 3: Richard Bullows, Taylor Dickinson, Zixuan Ni





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All images taken by Authors.



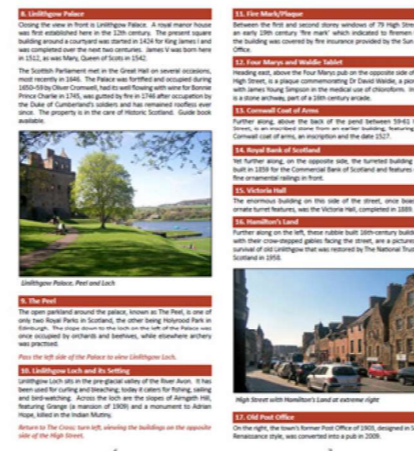
Top image from Google Maps.  
Bottom image created by Authors.

Proposal for improved entrance area to Victoria Street. Looking toward the area at present from Broad Street, the narrow street entrance is framed by a blank gable wall and dull car parking outside the David Spence store which emphasises a sense of pedestrian determent – our solution is to improve the visual appearance of this area to help entice people to approach the head of Victoria Street through the adoption of greenery, public seating, better signage and pedestrian zone bollards.

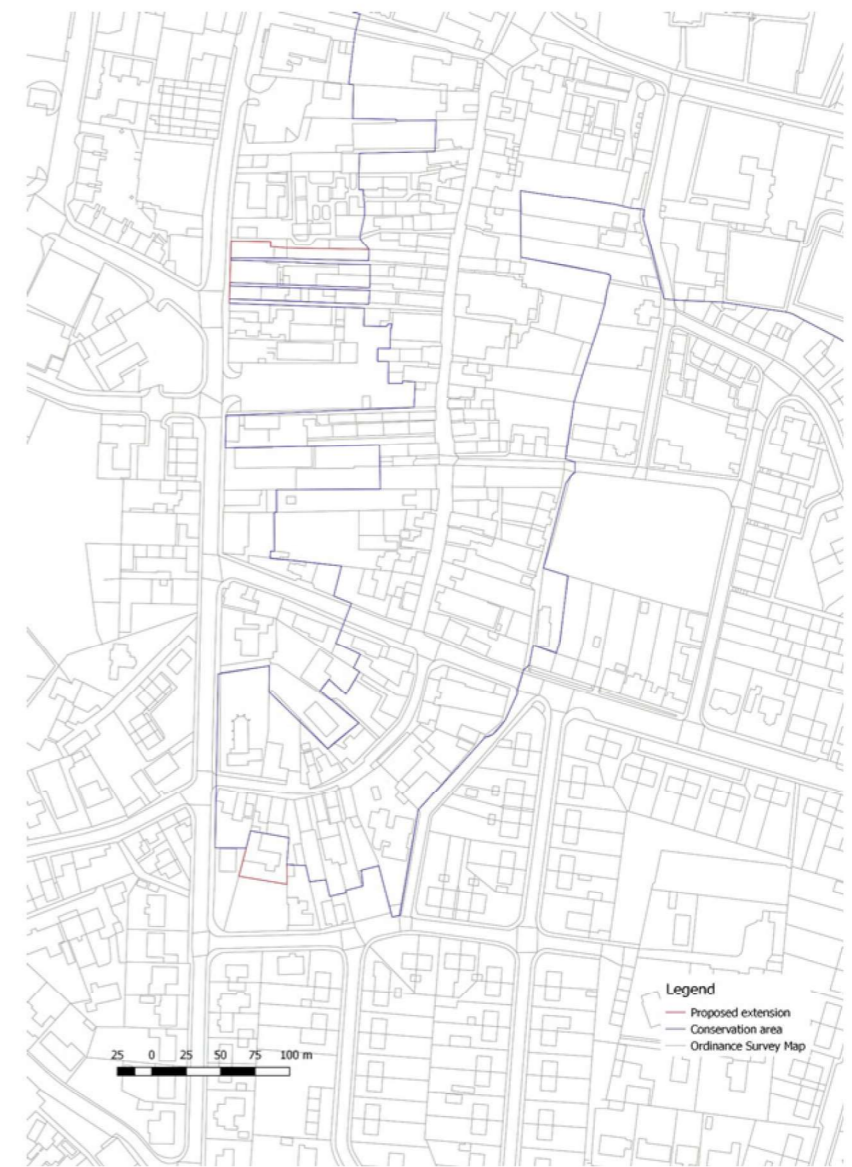


Left image- Automatic Bollard from Macs. Right image- Manual folding bollard from Broxap

Another simple but effective part of our proposal to increase footfall in the Victoria and Broad Street areas is to introduce bollards at the entrances to the streets with the mind to have them lowered during early mornings (or alternative times as convenient) to allow for delivery of goods and collection of refuse where necessary.



To help encourage tourists to explore Victoria Street and Main Street an architectural walking tour could be a viable option which will encourage people in to lesser known areas of the town. Small plaques could be used to pick out the buildings of interest. The town of Linlithgow has an architectural walking tour which is available either in leaflet form, downloadable from the internet, and by a mobile application. Above image is part of Linlithgow walking tour.



From our survey and analysis of historic maps, we have concluded that there should be two small adjustments to the current conservation area. One is on Main Street, the area should be extended to include the building behind number 34 and 36 Main Street. This building first shows up on the 1990s ordinance survey map as a police station. The other extension is to include some of the buildings surrounding the closes, specifically Whitechapel lane, Walls close and Frasers close. The reason for this extension is to protect the scale and proportions of the buildings, garden areas and how they relate to the boundary walls of the closes.



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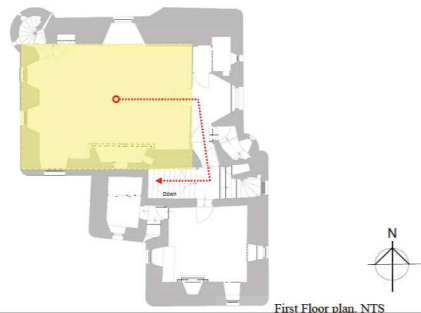
  
**the National Trust for Scotland**  
 a place for everyone  
 Hermiton Quay  
 5 Colinton Road, Edinburgh  
 EH11 4DF  
 0844 483 2100  
 www.nts.org.uk  
 Project  
 Craigievar

Drawing Title  
 First Floor Plan

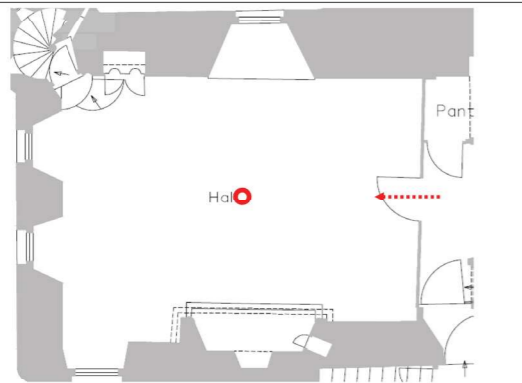


  
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 Project  
 Craigievar  
 Drawing Title  
 Fourth Floor Plan  
 Date  
 2016  
 Scale  
 1:150  
 Size  
 A3

**CRAIGIEVAR CASTLE SALVAGE LIST**  
**FIRST FLOOR**  
**Hall**



First Floor plan, NTS



**HALL**  
**PRIORITY HIGH**  
**Ceiling**



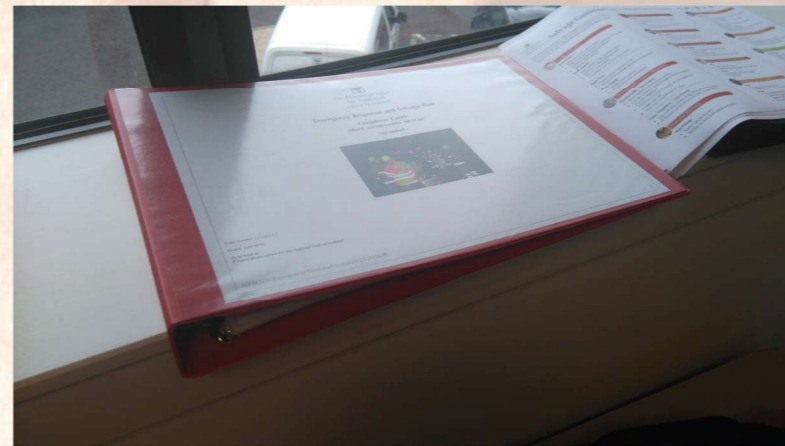
Removal Instructions



Very significant architectural feature. Protect in-situ if possible

Accession no. N/A

Wet or Damp	Contaminated	Broken	Weak	Dangerous to handle	Mouldy	Smoke damaged	Other
Pack as is		Dry and pack		Keep wet and freeze	Wash then dry		Other

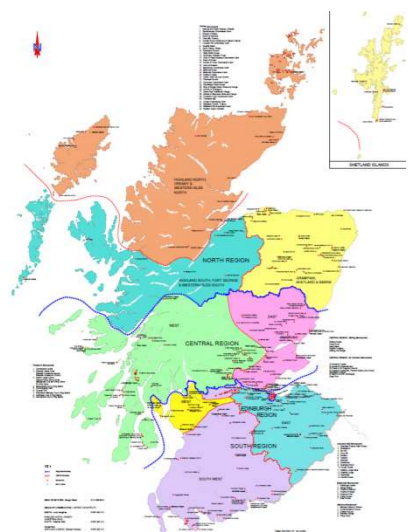


*Craigievar Castle*  
*Emergency Planning*  
*Project*



# Historic Scotland Work Experience 15<sup>th</sup> April- 19<sup>th</sup> April

## Monday



The Historic Scotland Region system

Leica Viva SmartStation- New kit



PPE

Newark Risk Assessment

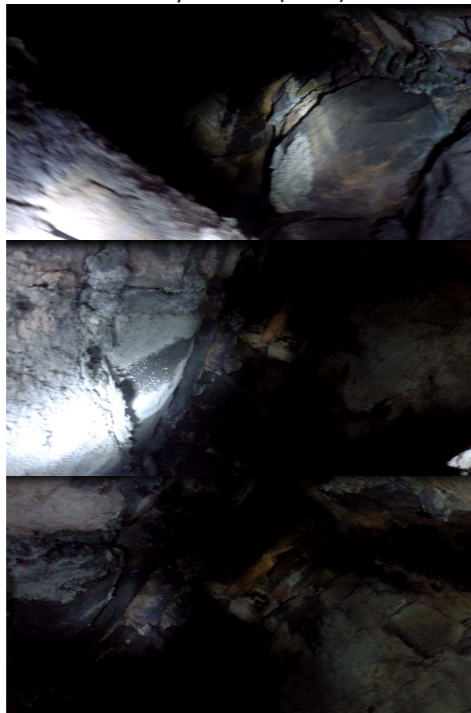
Task	Responsible	Start Date	End Date	Status
Site visit	Historic Scotland	15/04/2016	15/04/2016	Completed
Site visit	Historic Scotland	16/04/2016	16/04/2016	Completed
Site visit	Historic Scotland	17/04/2016	17/04/2016	Completed
Site visit	Historic Scotland	18/04/2016	18/04/2016	Completed
Site visit	Historic Scotland	19/04/2016	19/04/2016	Completed

## Tuesday



Newark Castle

Chimney inspection using GoPro and installing Permanent Survey Markers (PSMs)



PSMs installation-Providing fixed survey control network with which to align all future survey work.

## Wednesday

Historic Scotland Area Assessment		Annual Works Audit	Attendees
Actions for District Architect		2014	Simon Clark, Adam Clark, Alan Clark
Priority		2015/16	Simon Clark, Alan Clark
Priority		2016/17	Simon Clark, Alan Clark



Historic Scotland Area Assessment		Annual Works Audit	Attendees
Actions for District Architect		2014	Simon Clark, Alan Clark, Adam Clark
Priority		2015/16	Simon Clark, Alan Clark
Priority		2016/17	Simon Clark, Alan Clark



Annual Monument Audit

Go around the monuments to see what work has been done and what still has to be done.

## Thursday

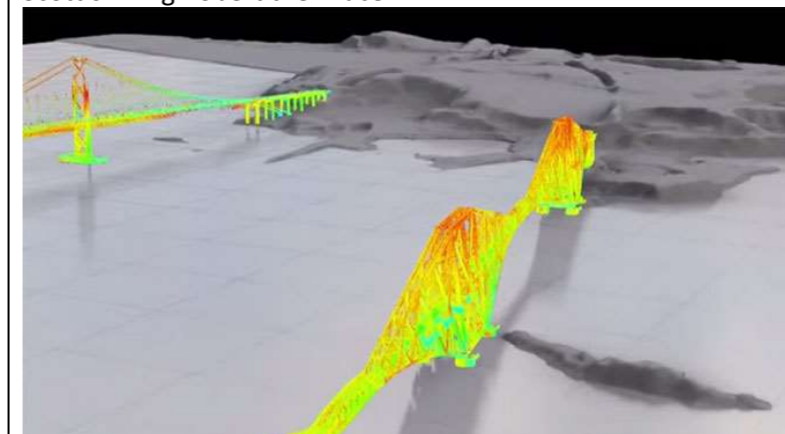
Visited The Digital Design Studio team at The Hub in Glasgow



Scottish ten project- crane in Nagasaki in japan



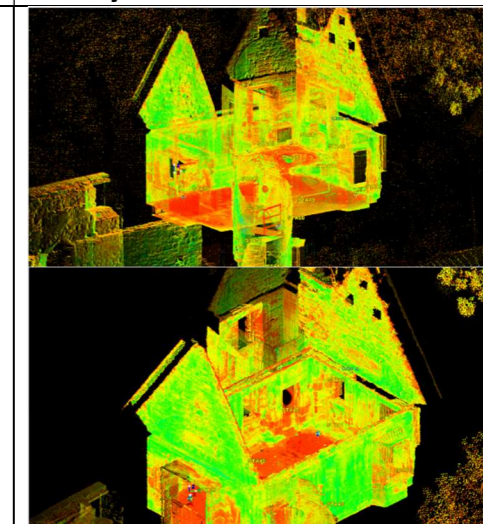
3D Printing Reconstructs Destroyed 685-Year-Old Tomb of Scottish King Robert the Bruce



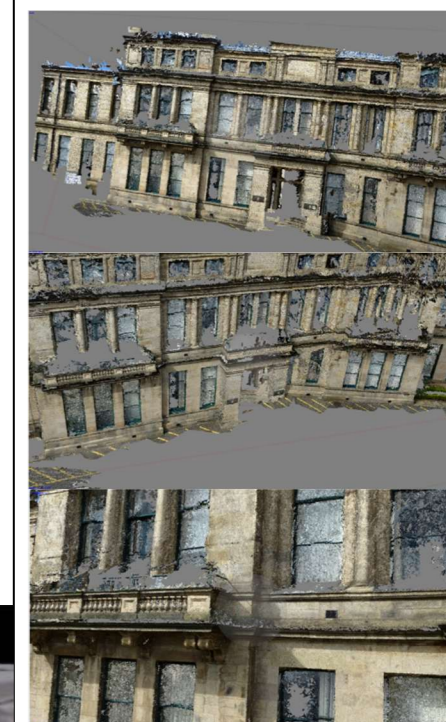
Current project is to map the bridges at Queensferry- was at meeting

This documentation will be used not only to create an extremely accurate digital map of the Forth bridges for future generations but also to provide baseline data for recording the condition of the bridges.

## Friday



Leica cyclone register St Bridgets kirk Dalgety Bay



Took pictures of the façade of Longmore House and put them together in Agisoft to create this 3D model.



Checking the GPS kits on the roof



# City View Sighthill Bank



## TEAM MEMBERS



Kieran Macfarlane - CPM



Astrid Bagireanu - AT



Marcella Cooney - QS



Blaine McManus - AT



Taylor Dickinson - AT



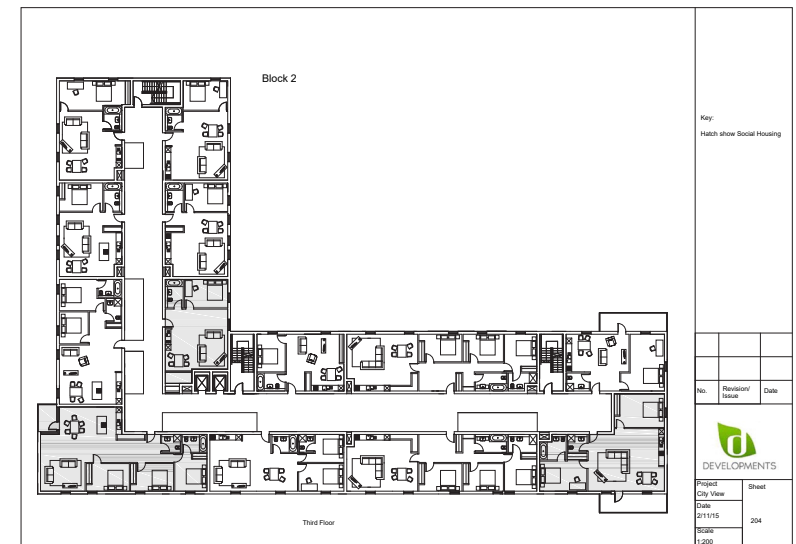
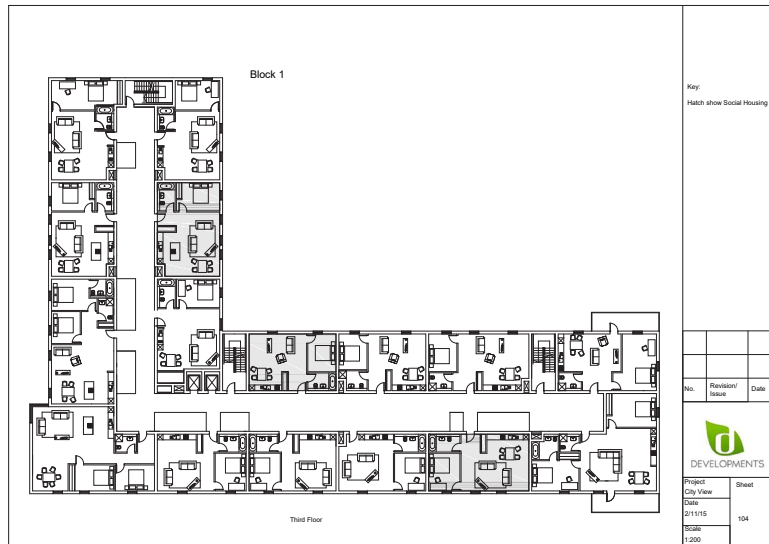
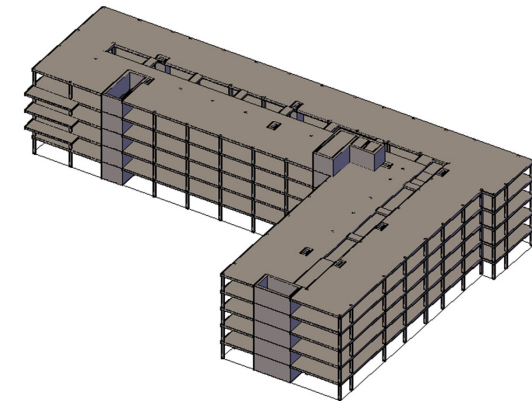
Luke Howie - BS



Robbie Weaver - BS



Piers Tebutt - AT



# The Idea

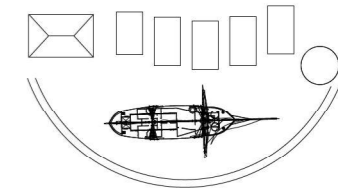
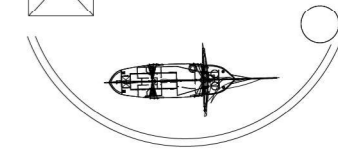
Existing building

500mm thick stone walls

Main ship to accommodate is the Jean de la Lune

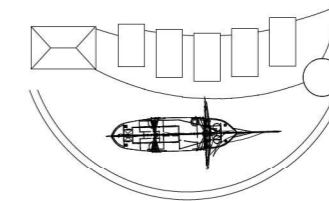
The bookends

Lighthouse observation point with concrete dock walls to protect the ship from the affects of the tide

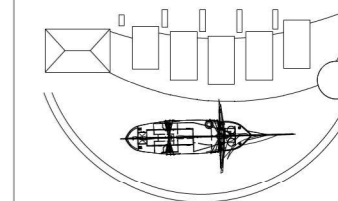


Sails

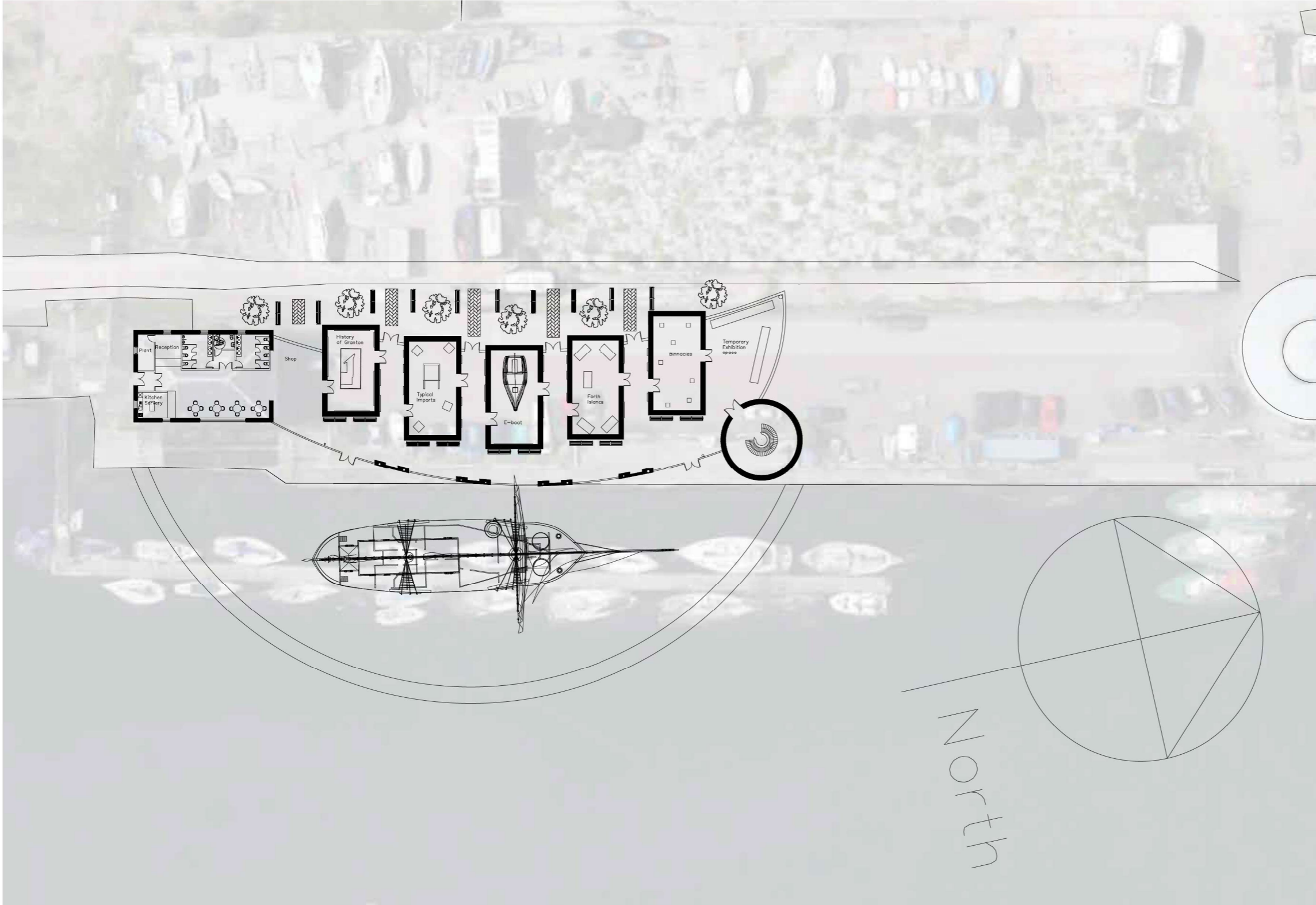
The gallery spaces represent the square sails of the Jean de la Lune



The new building is curved to look like the hull of a ship



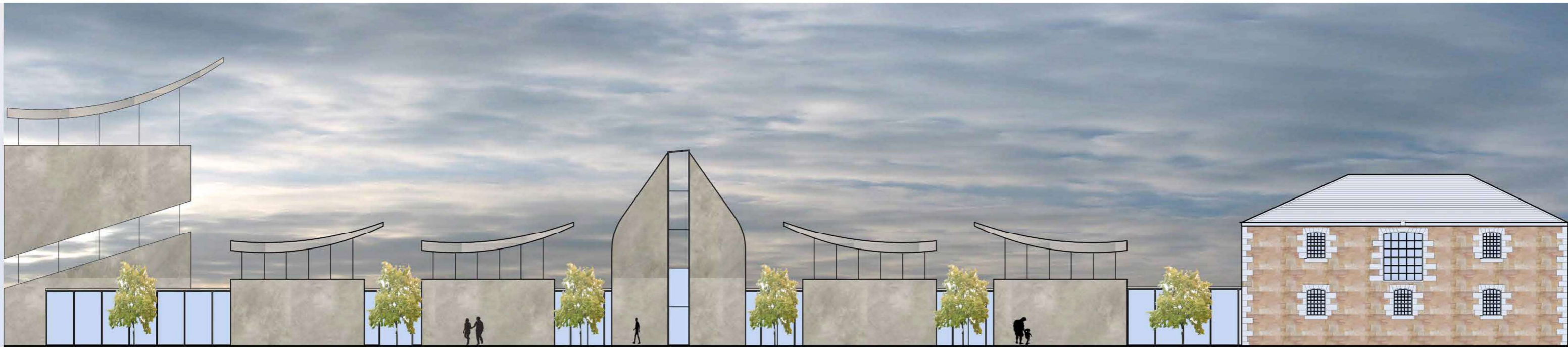
Leading from the fire escapes are squares of paving which is to represent the mast of a ship



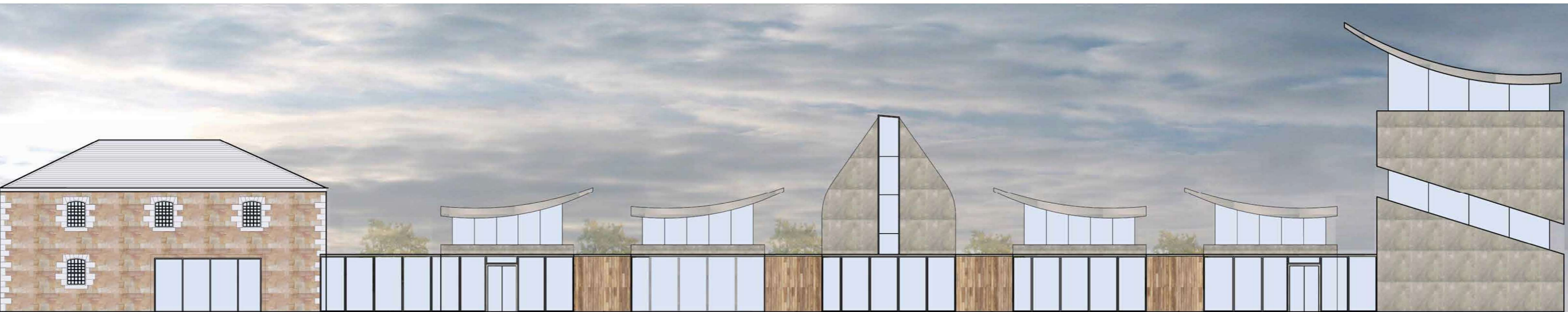
Floor Plan

40116230  
BSV10110

Maritime museum Project  
Architectural Technology 4  
BSc(Hons) Architectural Technology



West Elevation

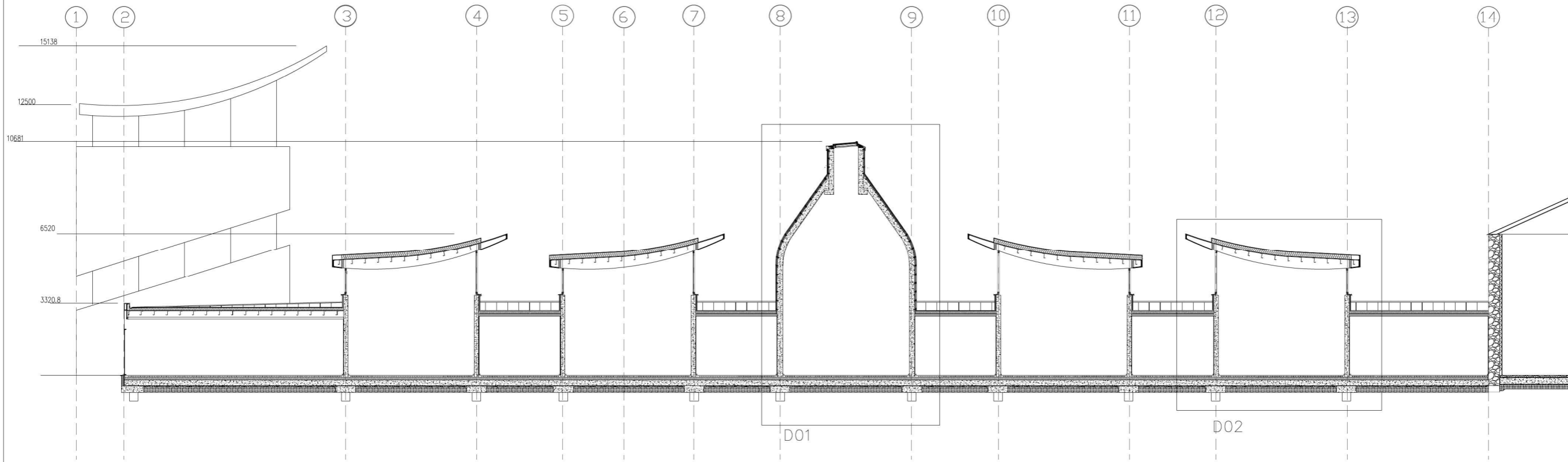


East Elevation



40116230  
BSV10110  
Maritime museum Project  
Architectural Technology 4  
BSc(Hons) Architectural Technology





MATERIALS

ZINC ROOF CLADDING

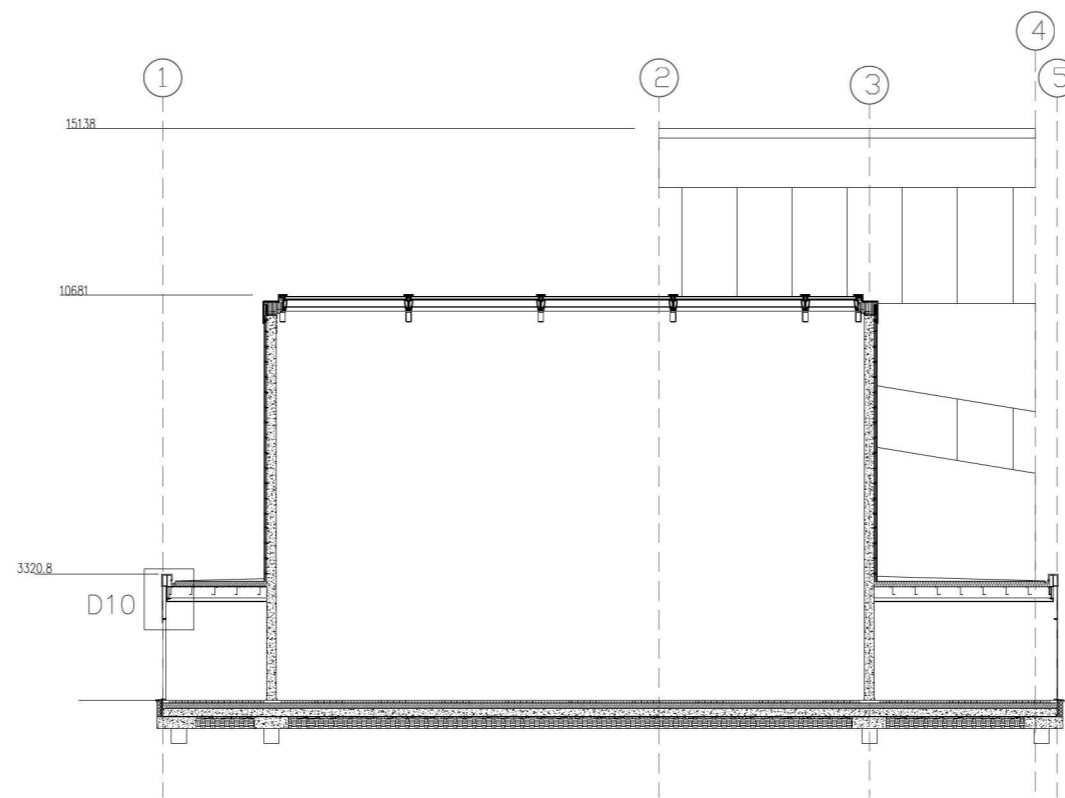
STONE CLADDING

ALUMINUM CLADDING

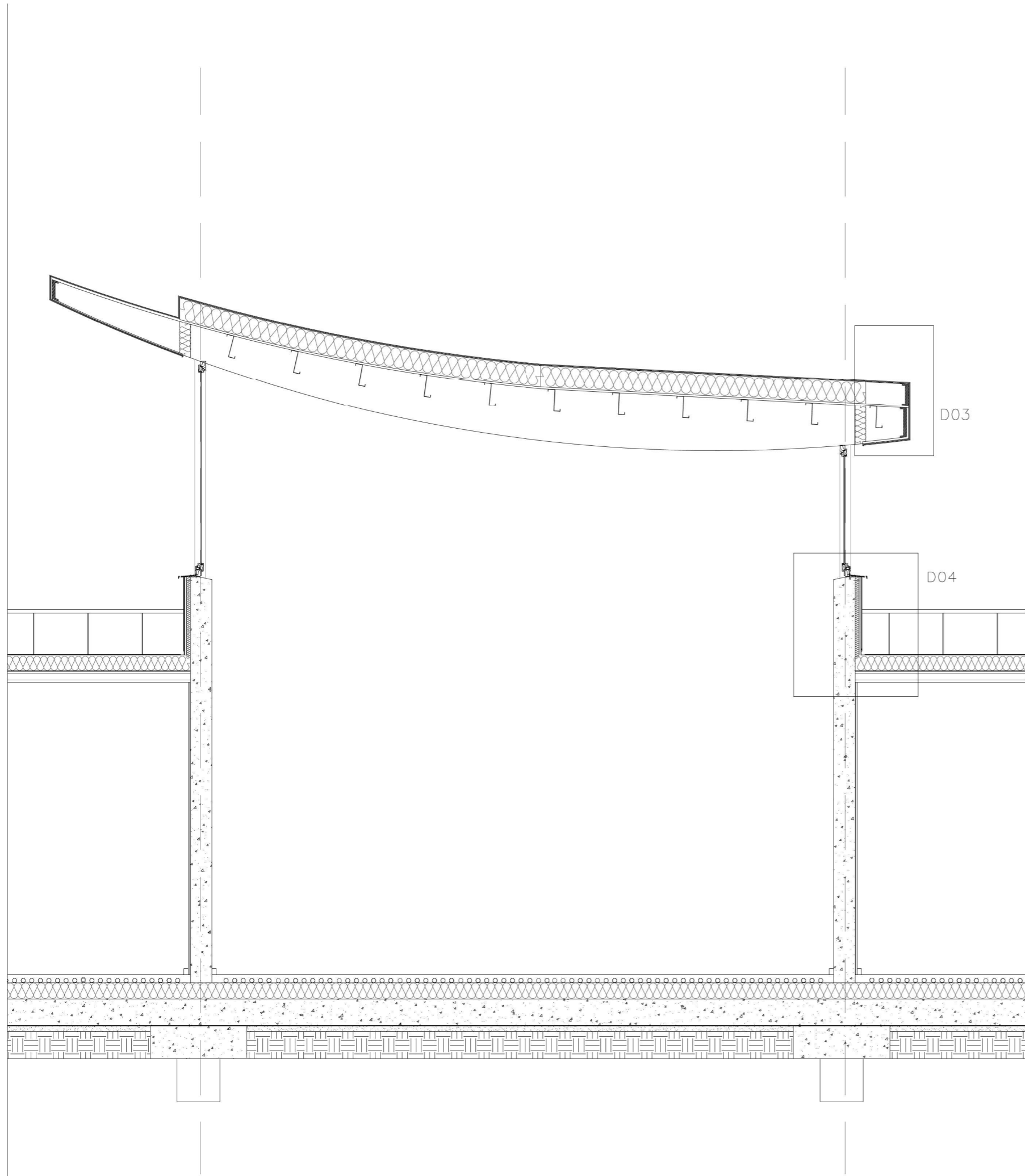
GLASS CURTAIN WALL

VELUX ROOF LIGHT WINDOW

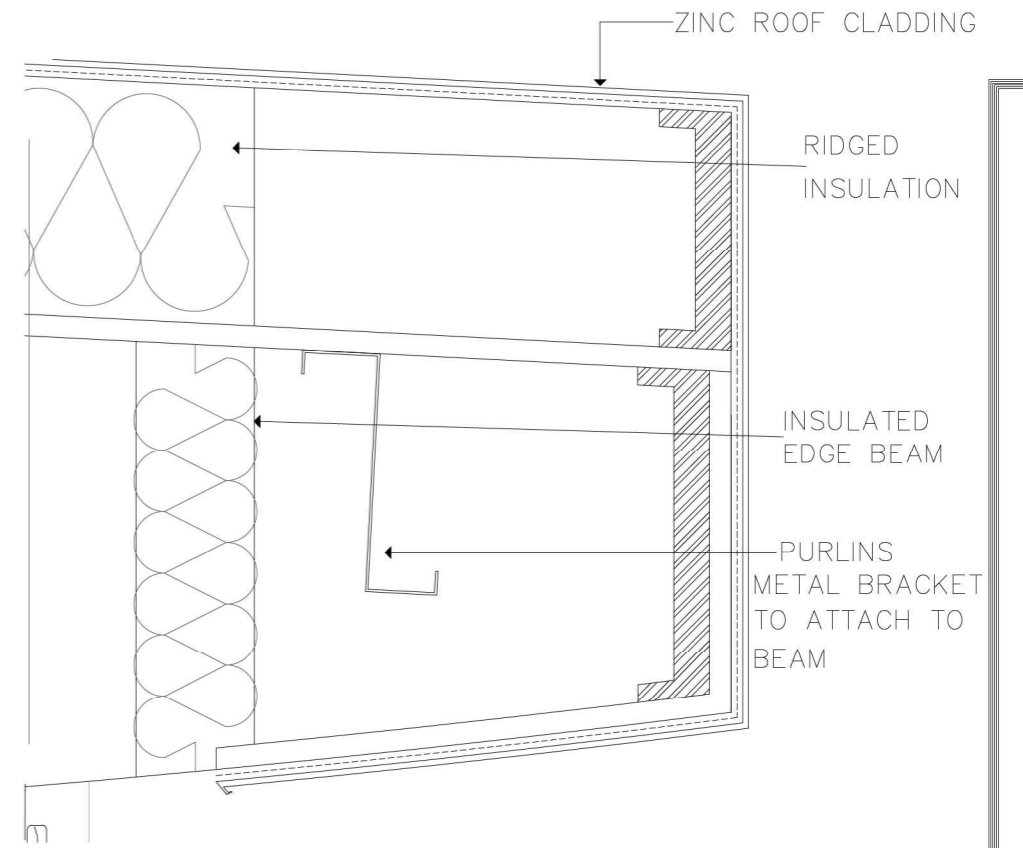
SECTION AA  
1:100 SCALE



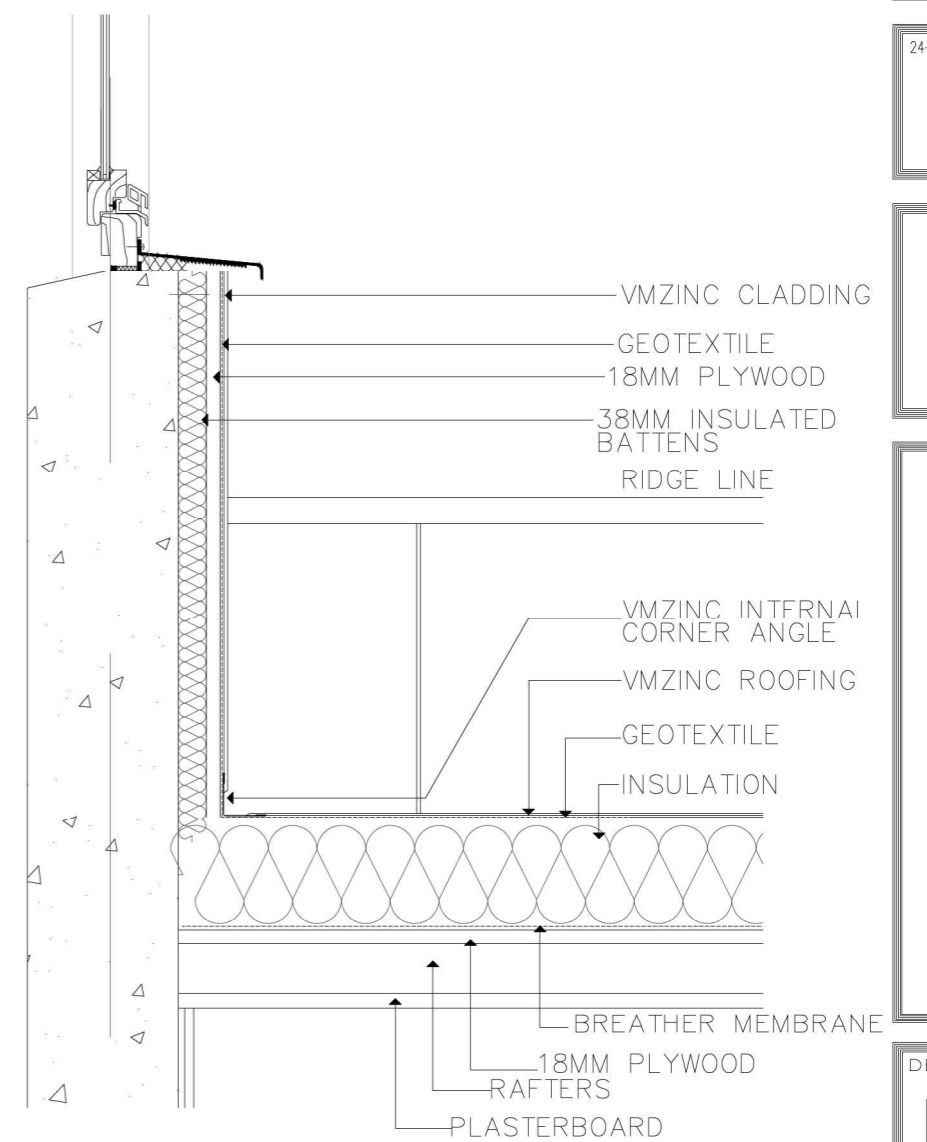
SECTION BB  
1:100 SCALE



GALLERY SECTION-D02  
1:20 SCALE



ROOF DETAIL-D03  
1:5 SCALE



GLAZING DETAIL-D04  
1:5 SCALE