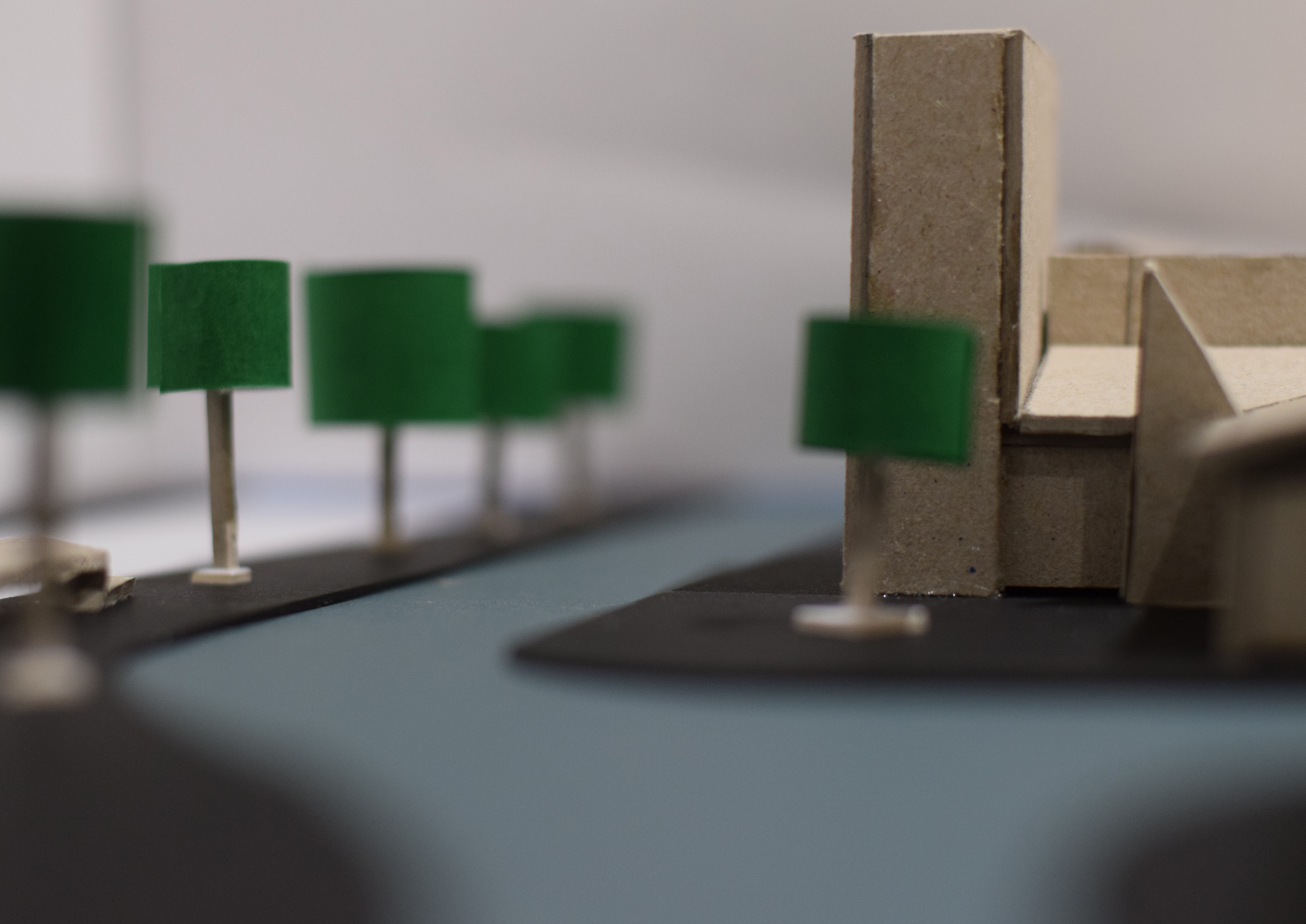




SECTION ONE
ARCHITECTURAL DESIGN
ARC2002M **BUTCHER**

IMAGE: MARKET SQUARE, LINCOLN











SECTION TWO

SUSTAINABLE DESIGN

ARC2004 MAKE+

IMAGE: SAMPLE PAVILLION PANEL



SECTION TWO
SUSTAINABLE DESIGN
ARC2004M **SYDNEY**

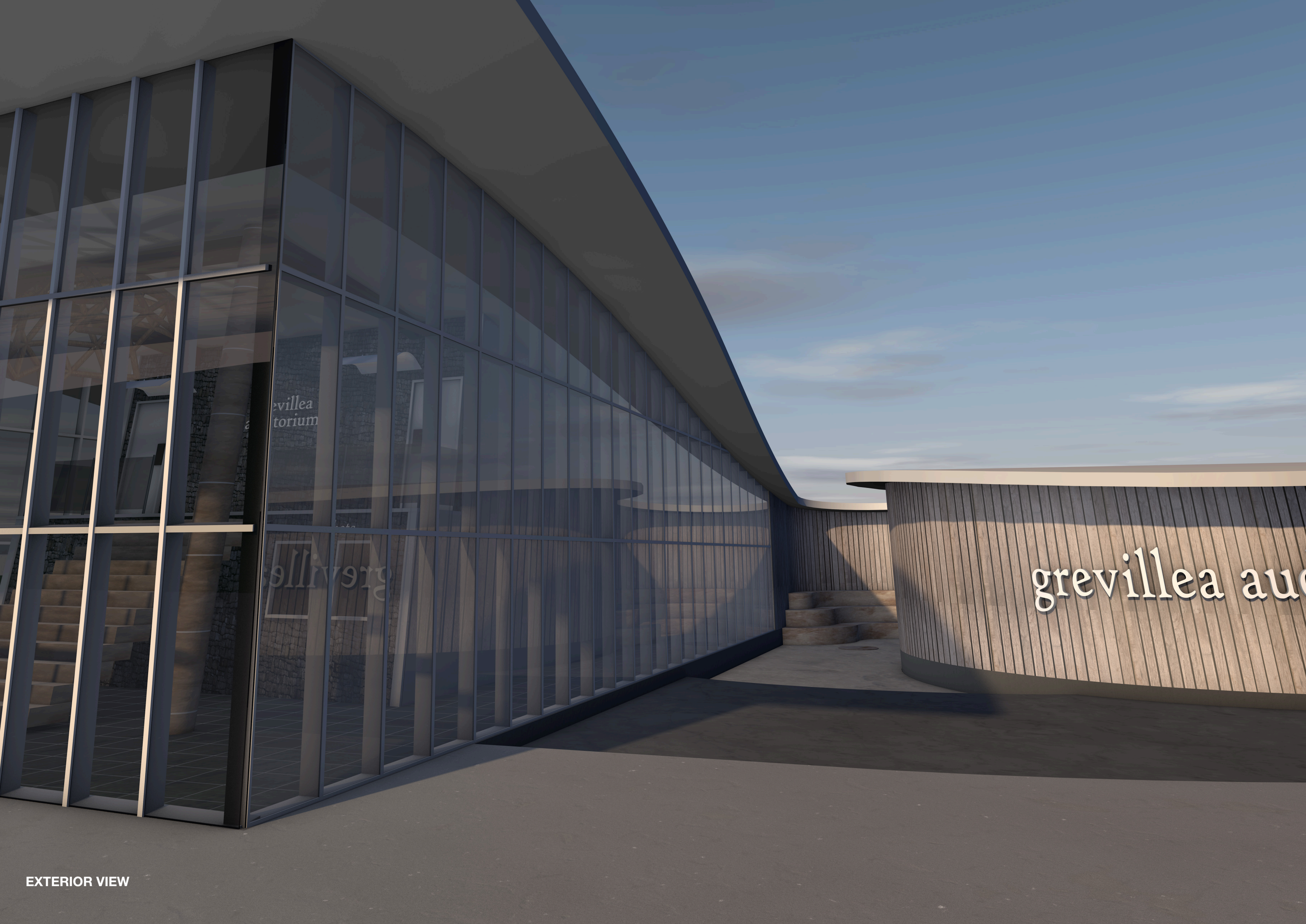
IMAGE: SATELLITE OF SYDNEY



OUTDOOR PERFORMANCE AREA

THE MODEL USED IN THESE RENDERS IS THE MOST COMPLICATED I HAVE EVER CREATED. DUE TO THE NATURE OF THE GLASS WALLS. IT WAS NECESSARY TO CONTAIN THE INSIDE AND OUTSIDE MODEL IN THE SAME SCENE. THE RESULT IS THAT THIS BUILDING IS FULLY NAVIGATABLE IN 3D, IF NOT QUITE FURNISHED IN SOME AREAS.

EACH PART WAS DRAWN IN AUTOCAD, IMPORTED TO CINEMA 4D. ALL LIGHTING AND TEXTURING TAKES PLACE IN CINEMA 4D, WITH FINISHING TOUCHES ADDED IN PHOTOSHOP.

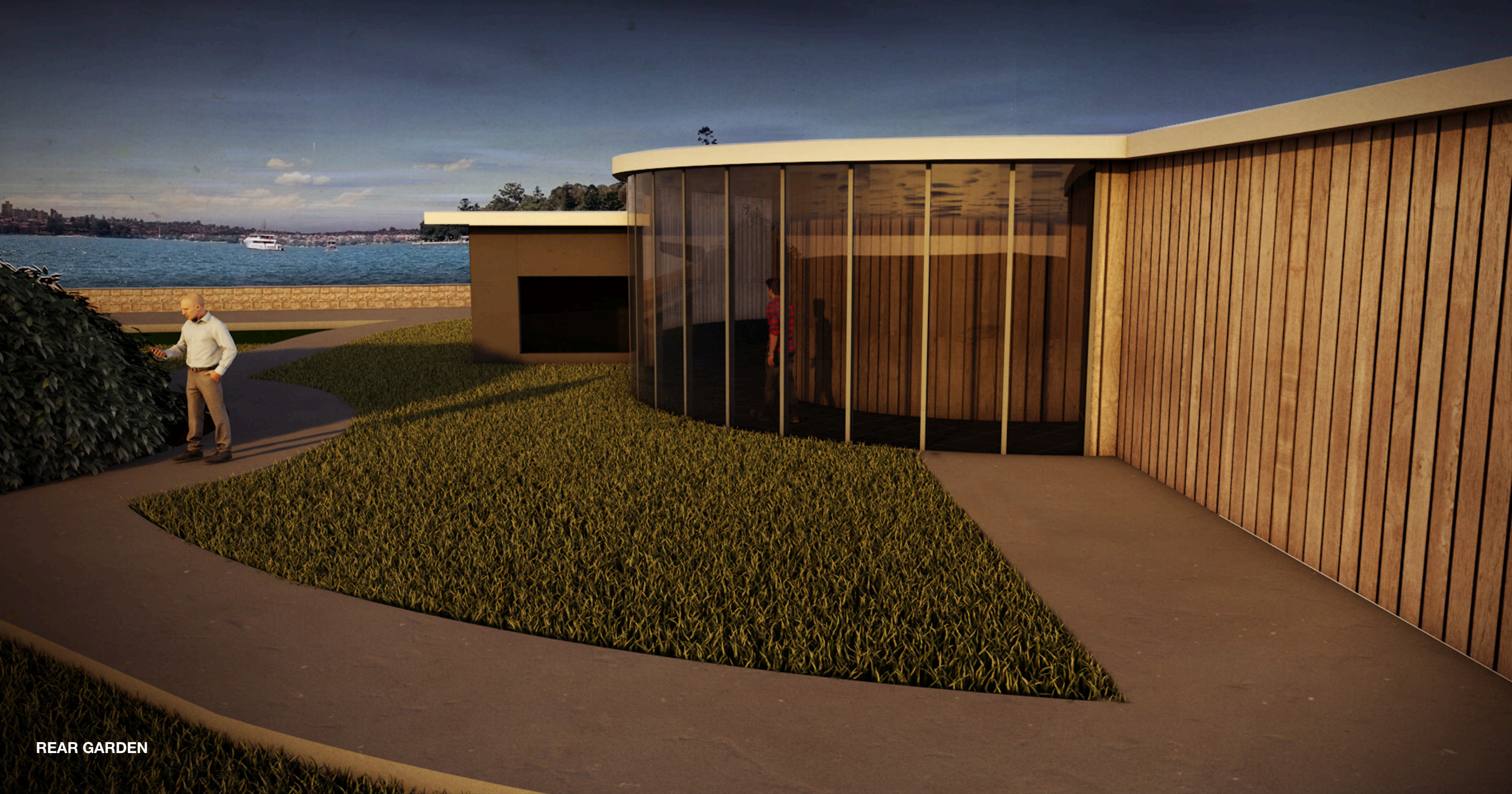


grevillea
torium

grevillea
torium

grevillea au



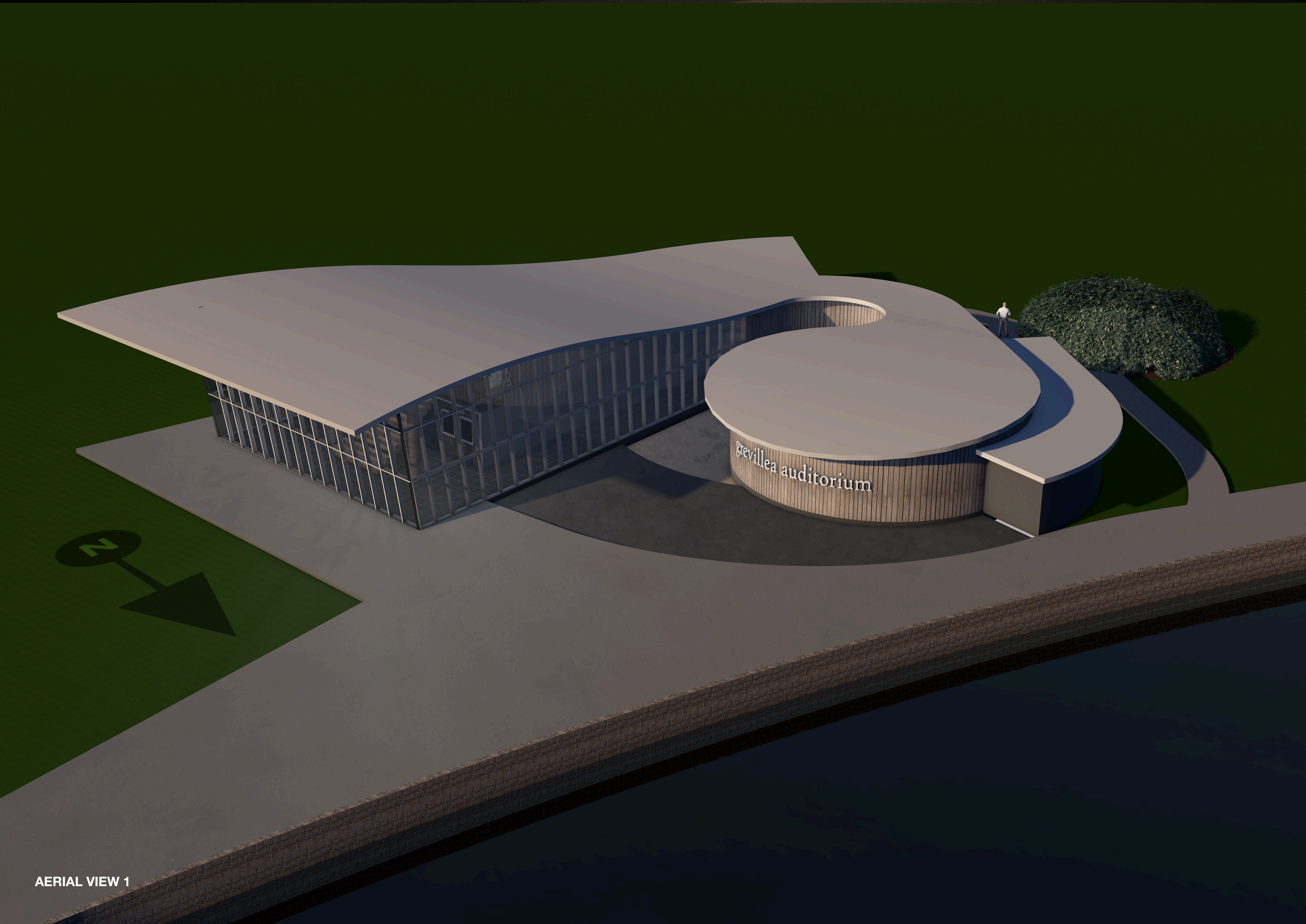


REAR GARDEN

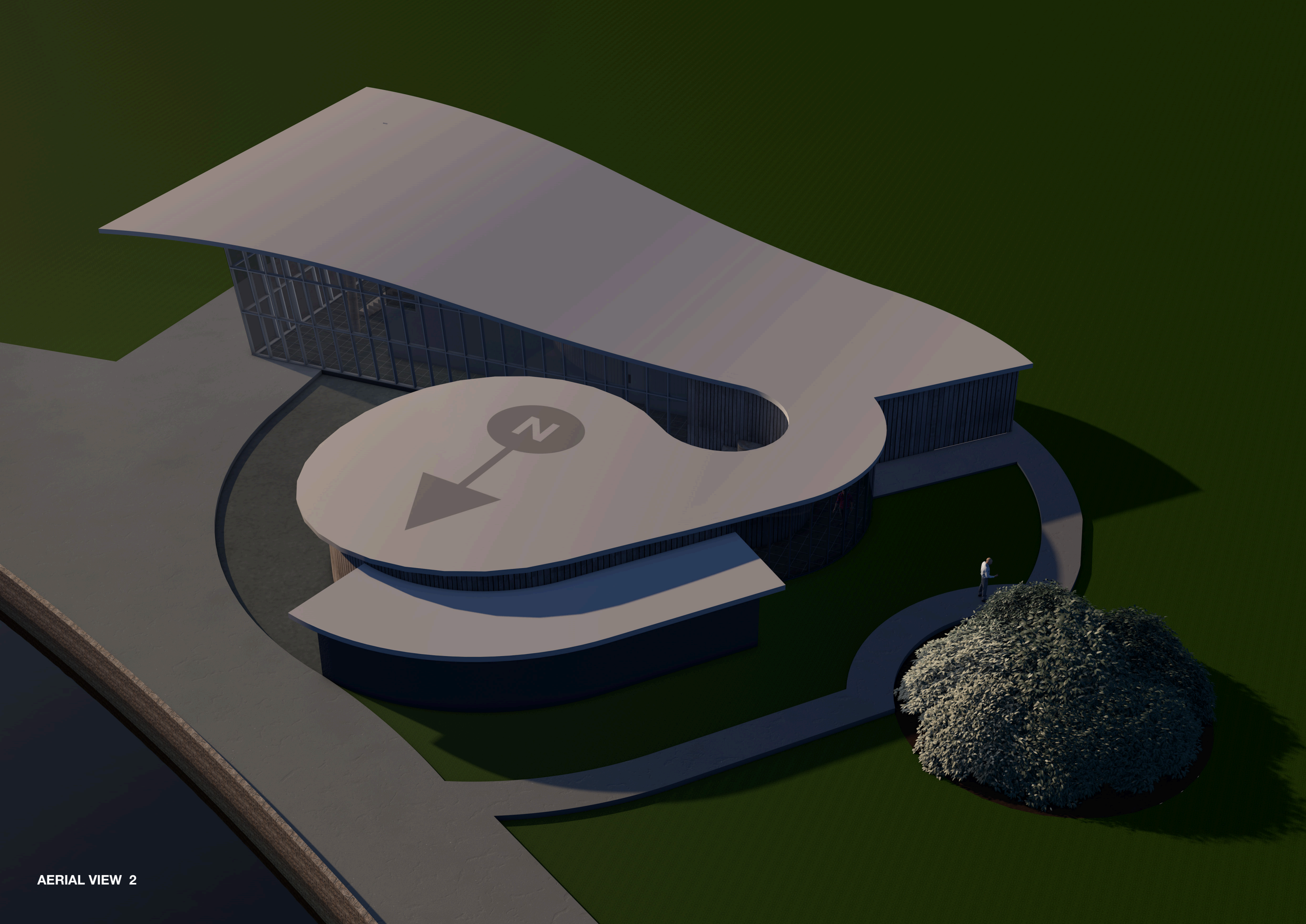


SIGN

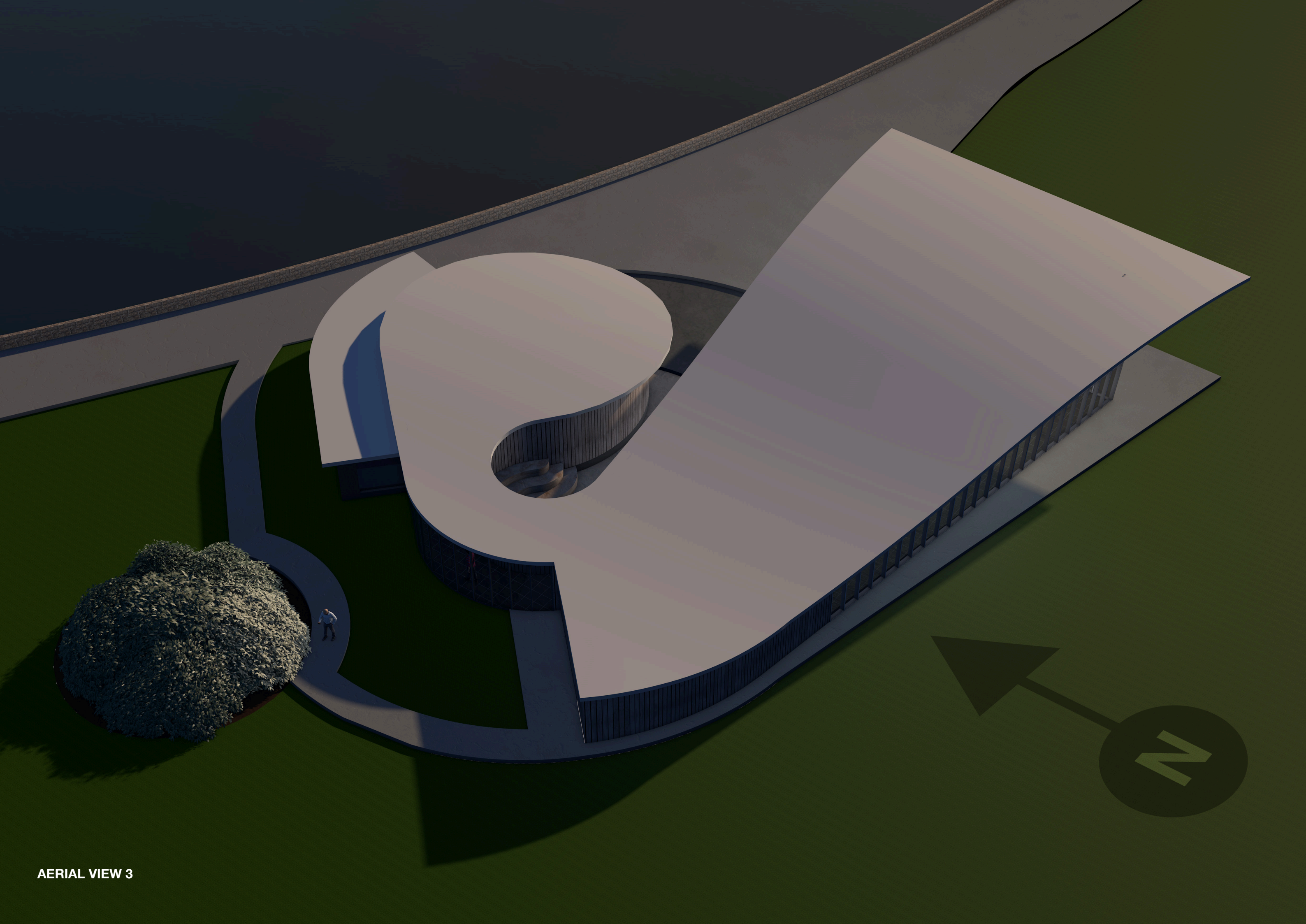




AERIAL VIEW 1

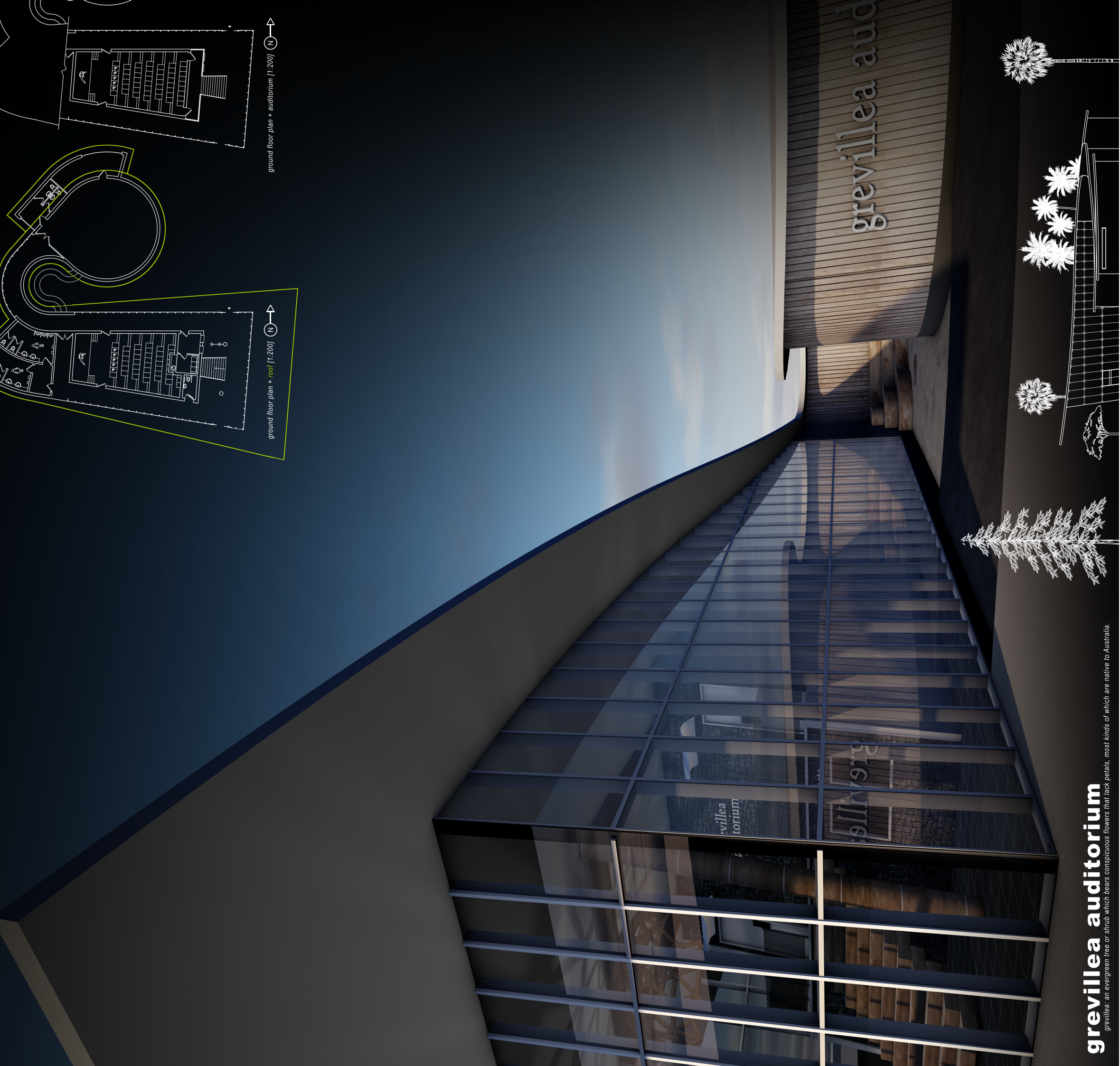


AERIAL VIEW 2



AERIAL VIEW 3

ORIGINAL PRESENTATION [2x A1]



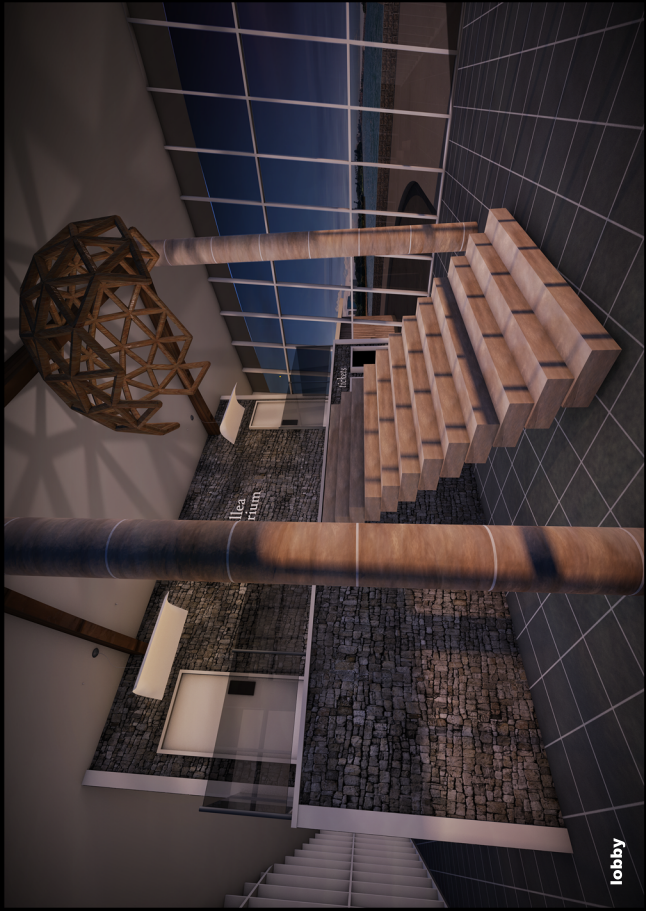
grevillea auditorium

grevillea: an evergreen tree or shrub which bears conspicuous flowers that lack petals, most kinds of which are native to Australia.

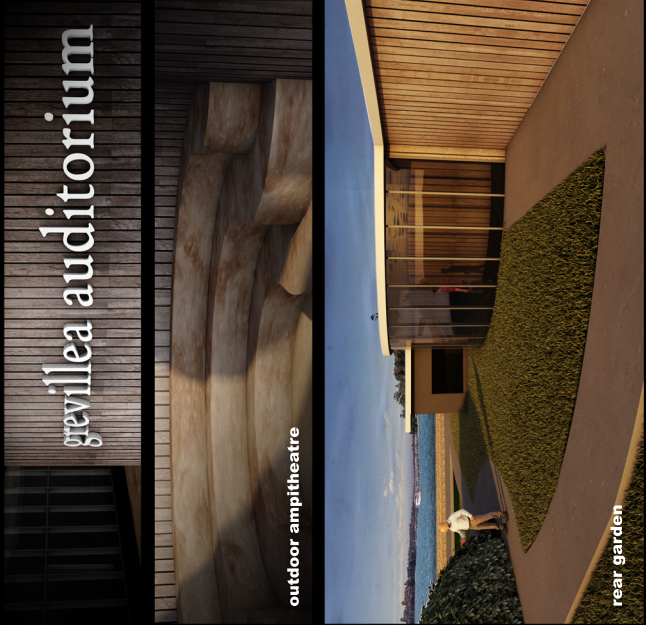
ground floor plan + roof [1:200]



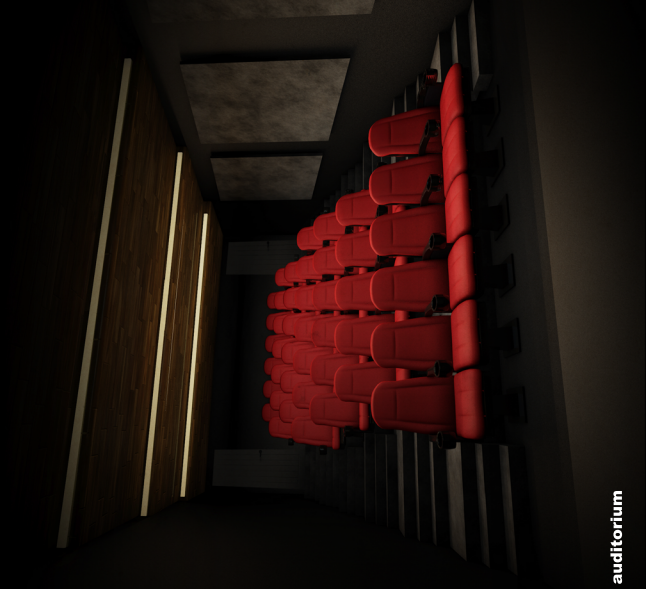
ground floor plan + auditorium [1:200]



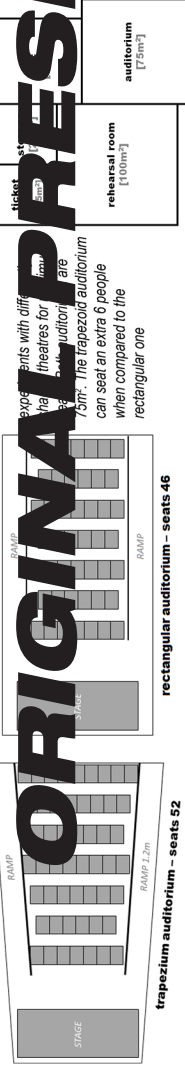
lobby



outdoor amphitheatre

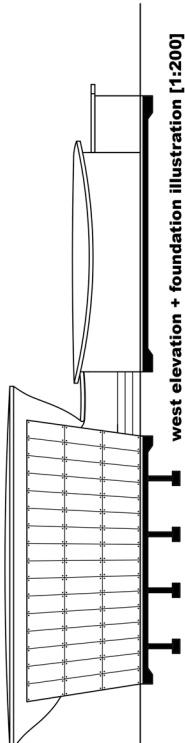
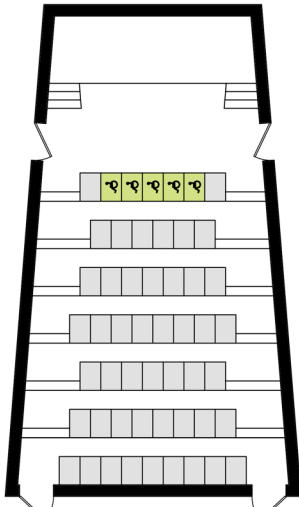
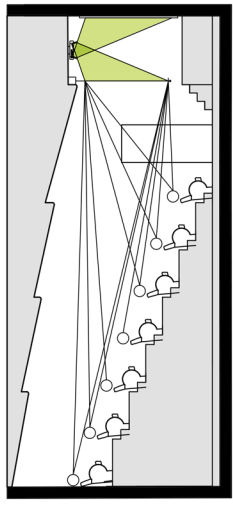


auditorium

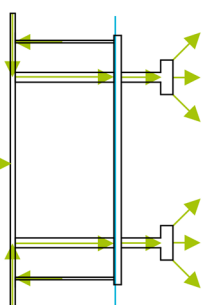


auditorium

The auditorium in this building is designed for presentations, small speeches, community classes and also doubles as an indie movie theatre. To accommodate these functions there are two screens in the auditorium, in front and behind the stage. There is a short throw projector mounted on a rotatable plate that can project onto either screen. The front one for movies, the rear one for presentations. The auditoria's seating is designed so that one can see the top and bottom of the front screen no matter where they are sat. This also ensures that at any seat a speaker will be clearly visible and audible. The auditoria's roof has been shaped to breakup the roof surface and reduce echo, and there are noise reduction panels along the left and right walls. The auditorium is also wheelchair accessible - with 5 designated chairs reserved for up to 3 wheelchair users to sit in front of.



west elevation + foundation illustration [1:200]

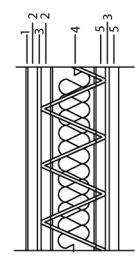
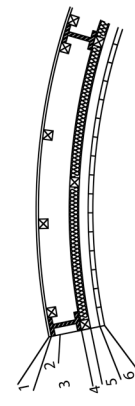


structural explanation

The outer most glazed curtain walls are not structural. The loads are transferred to the formed concrete roof which is cantilevered over the North, East and South sides. The roof transfers it's load to the steel column structural walls of the auditorium below and to two columns in the lobby. From here the load of the building is transferred into a concrete isolated spread footings foundation under the auditorium - with a more lightweight raft foundation underneath the walkways and rehearsal room as shown in the drawing above..

wall detail [1:20]

- 1: Flexible Plasterboard
- 2: Flexible Framework
- 3: Structural Steel
- 4: Vertical Timber Frame
- 5: Horizontal Timber Frame
- 6: Vertical Timber Cladding



roof detail [1:10]

Concrete was chosen for the roof material for two reasons, despite not being the most sustainable. Concrete acts as a thermal mass which will be essential in keeping the building passively cooled. It is also structurally appropriate for the cantilevers and shapes that are so prominent in the roof design.

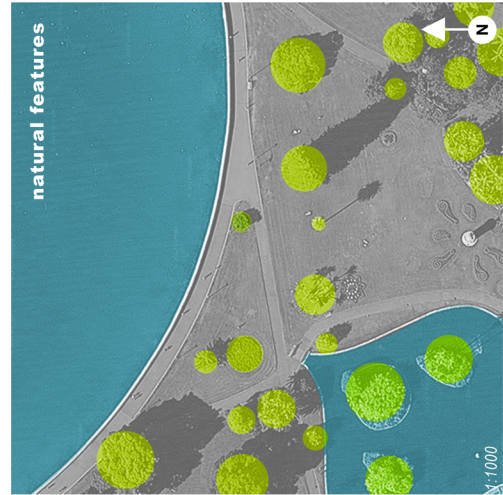
- 1: Waterproof Membrane
- 2: Outer Concrete Skin
- 3: Steel Reinforcement Truss
- 4: Rigid Foam Insulation
- 5: Inner Concrete Skin



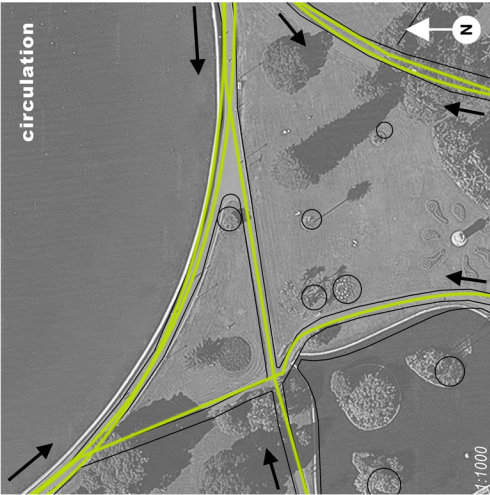
royal botanical garden sydney

sydney opera house

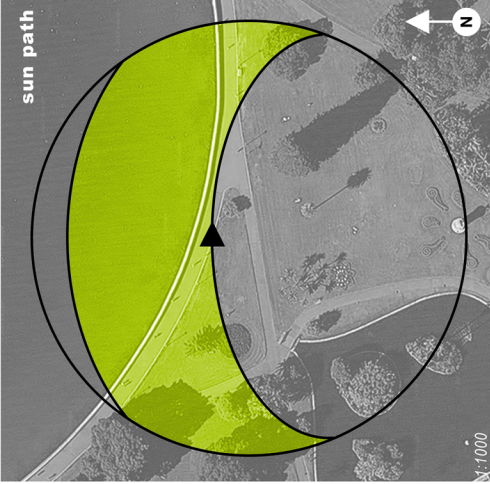
natural features



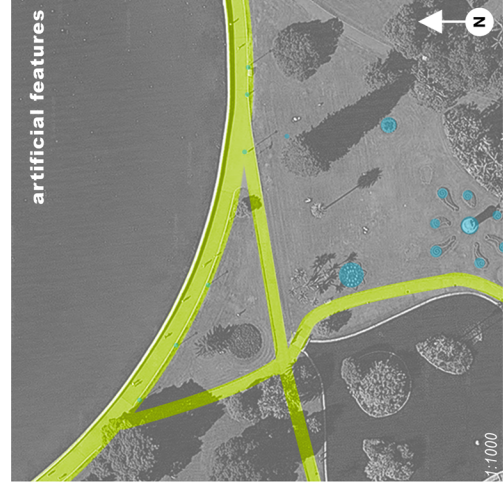
circulation



sun path



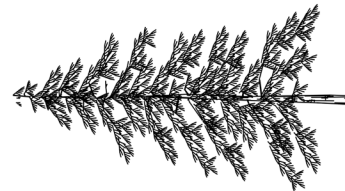
artificial features



3 Components to Facade: Grey Timber, Glass & Medium Grey Render

north elevation 1:200

north section 1:200

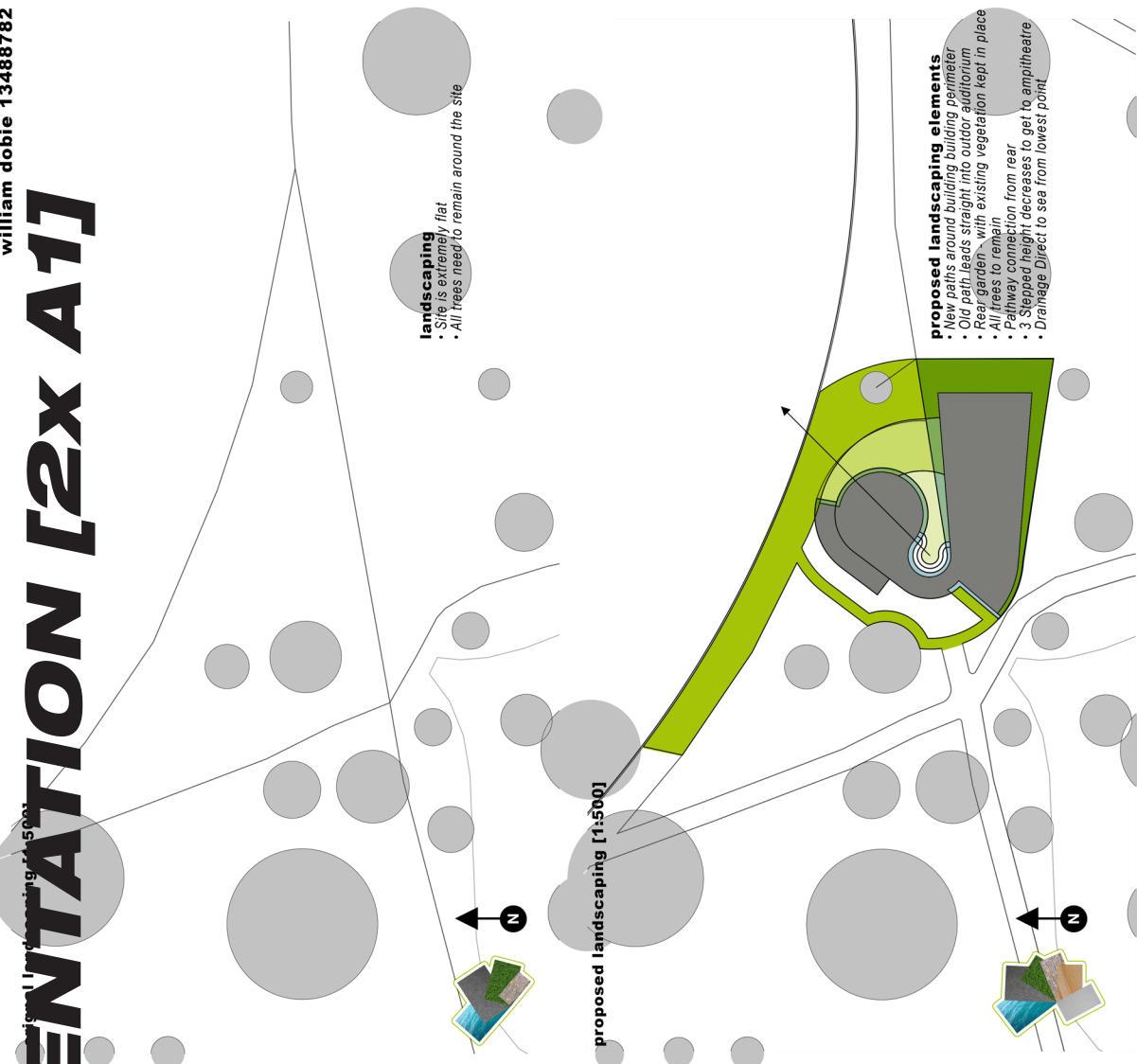


- proposed landscaping elements**
- Low paths around building perimeter
 - One path leads right to the auditorium
 - Rear garden with existing vegetation kept in place
 - All trees to remain
 - Pathway connection from rear
 - 3 Stepped height decreases to get to amphitheatre
 - Drainage Direct to sea from lowest point

landscaping

- Site is extremely flat
- All trees need to remain around the site

proposed landscaping [1:500]





2-3

BUTLER WHITES

BAR AND KITCHEN

BUTLERWHITES

CRAFT BEERS • FINE WINES • COCKTAILS

CONNOLLY SHAW LTD

GLORIOUS TAPAS • WINE & CHERRY

GLORIOUS TAPAS • WINE & CHERRY

NEVER
YAWN

MARTIN'S ALLEY

Pedestrian
Zone
At any
time

SECTION **THREE**
INTEGRATED DESIGN
ARC2003M **NEVERWHERE**

S E R P E N T I N E

ONE OF SEVEN SISTERS

FEARED BY MANY
ESPECIALLY DOOR

ONLY WEARS THIS DRESS
IT NEEDS A SPECIAL ROOM

IMPERIOUS

TOUCH OF CLASS

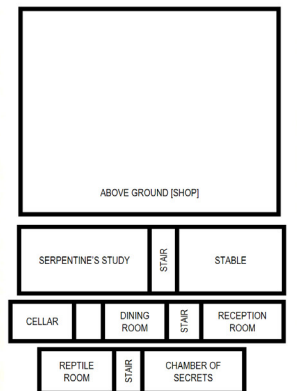
NEITHER HAPPY NOR SAD.

EYES SHARP

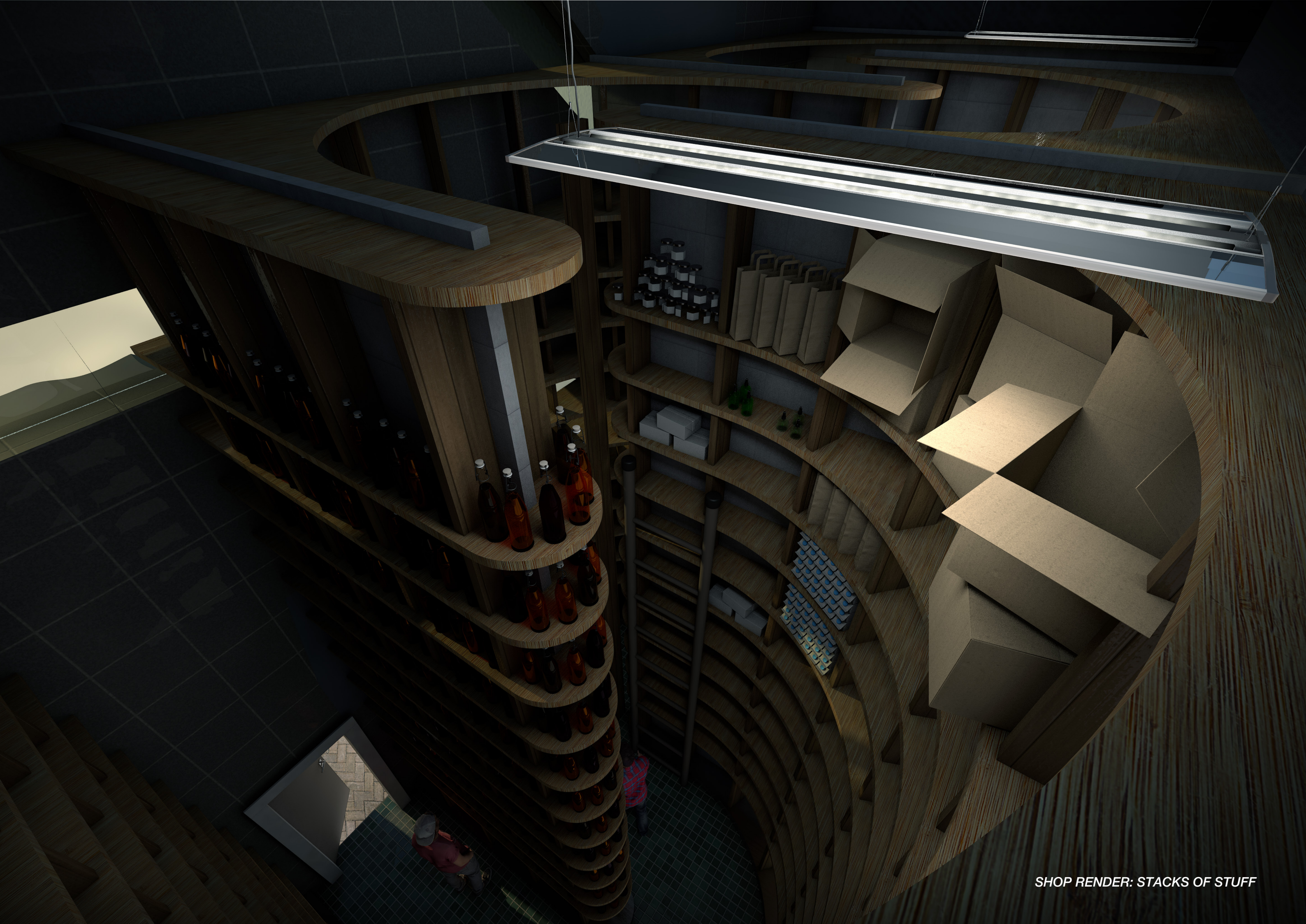
BEHAVE,
OR SERPENTINE WILL TAKE YOU





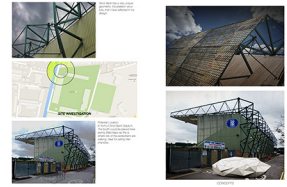






SHOP RENDER: STACKS OF STUFF

WILLIAM DOBIE



2015



EARLY 2016



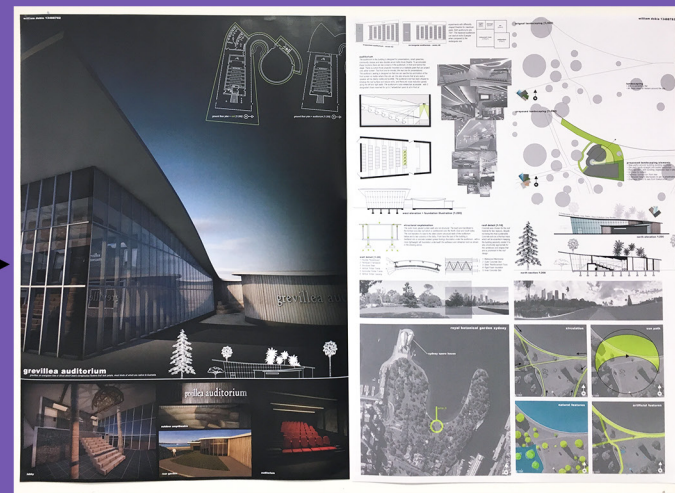
MID 2016

1ST YEAR

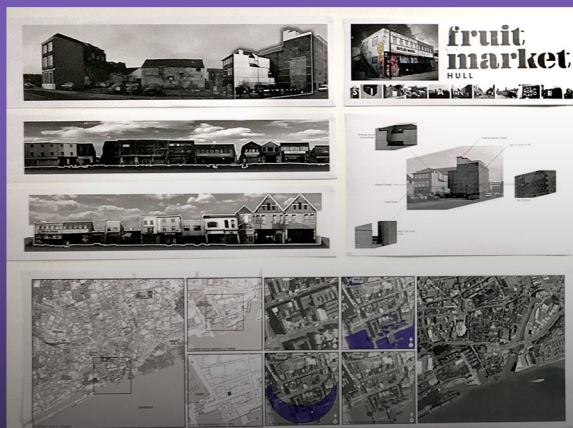
2ND YEAR



LATE 2016



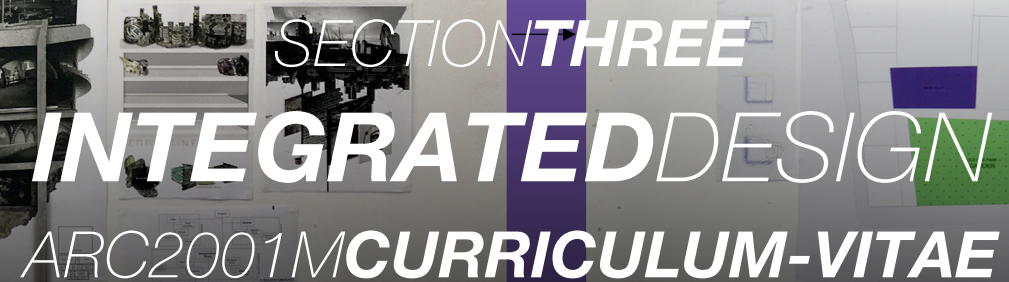
EARLY 2017



MID 2017



IMAGE: TWO YEARS OF CRIT BOARDS



SECTION **THREE**

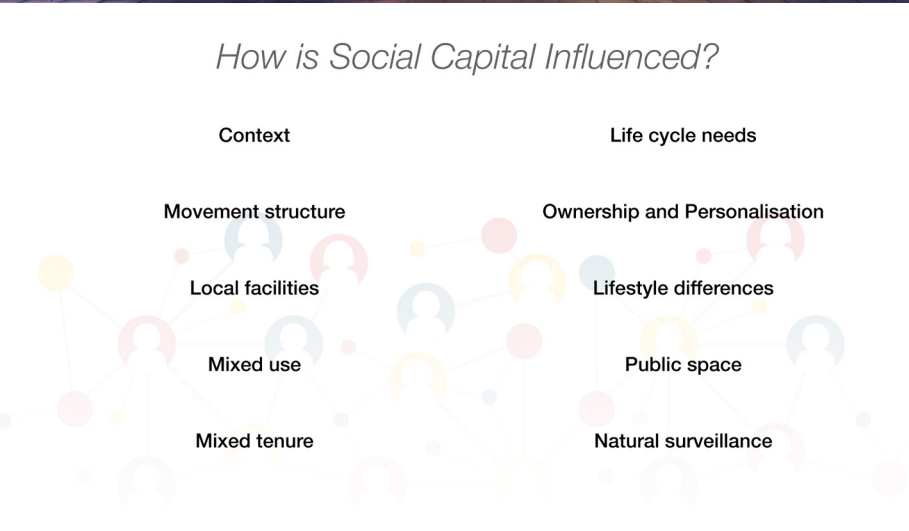
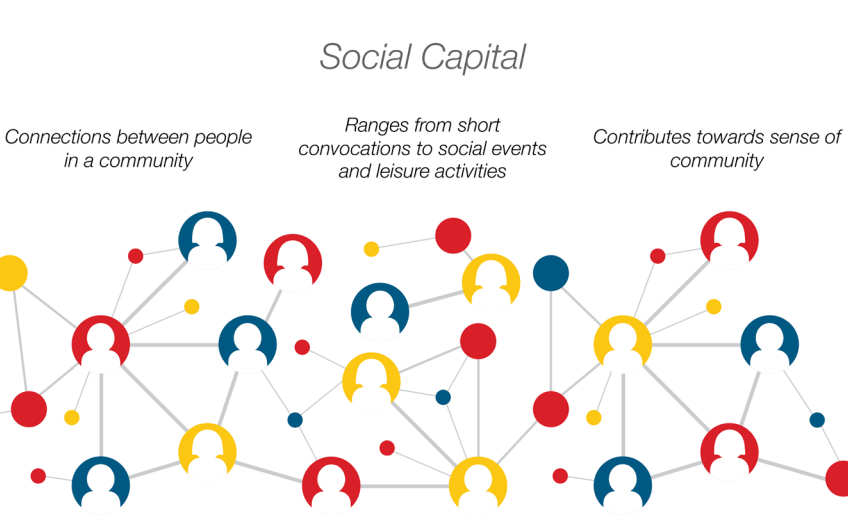
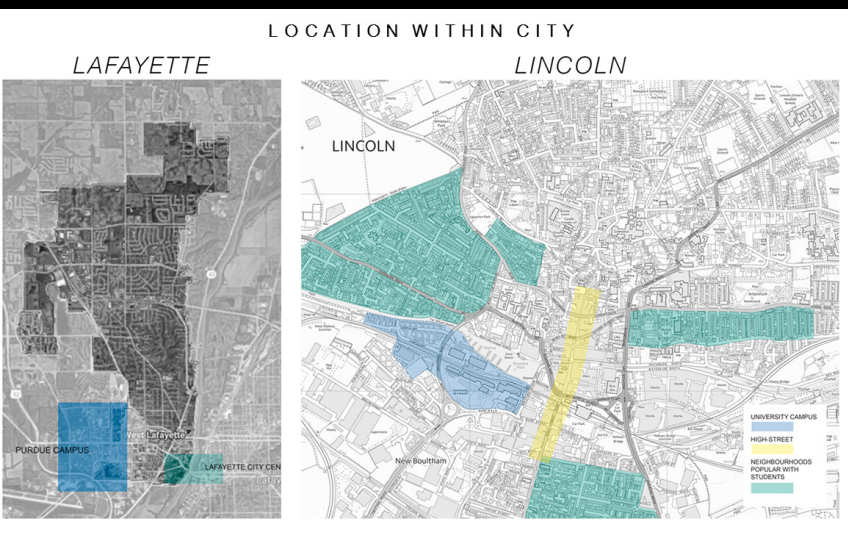
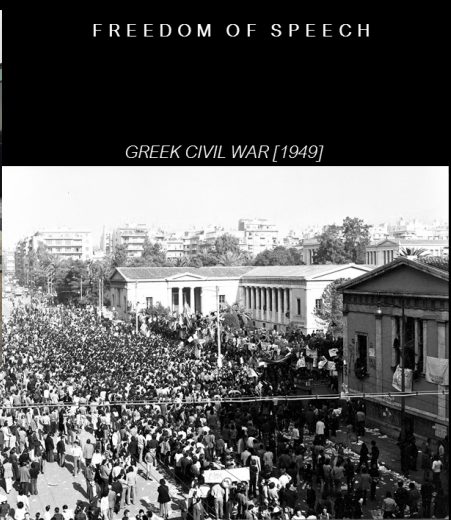
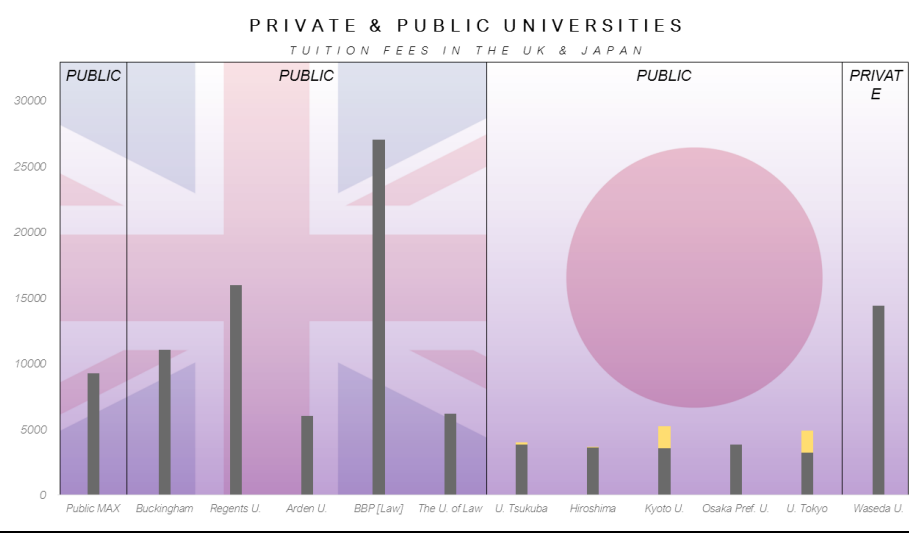
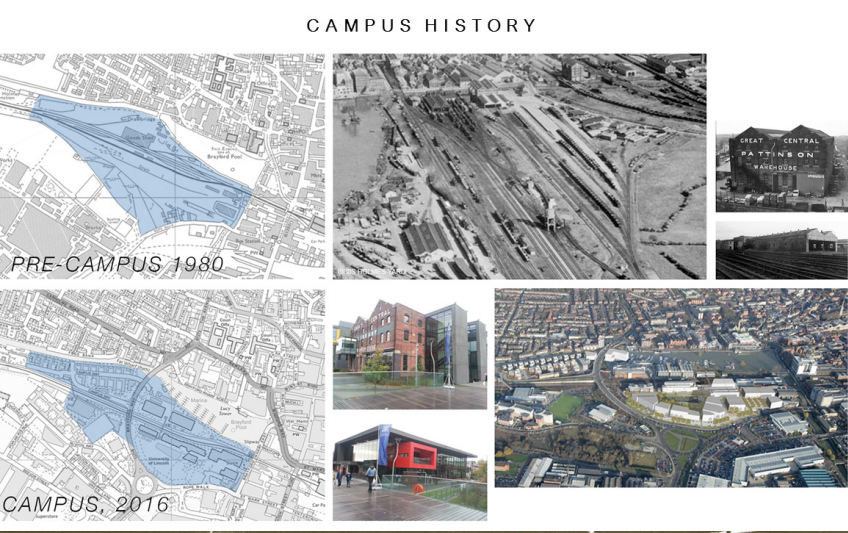
INTEGRATED DESIGN

ARC2001M **CURRICULUM-VITAE**



SECTION **FOUR**
DESIGN AND SOCIETY
ARC2001M **GROUPWORK**

IMAGE: UNIVERSITY OF LINCOLN PRIVATE-PUBLIC CAMPUS

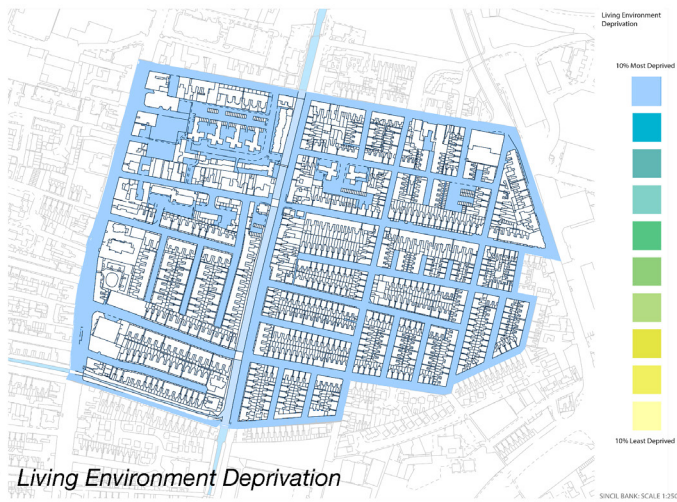


Context

Industrial Past
Housing built around industry
Industry shut down



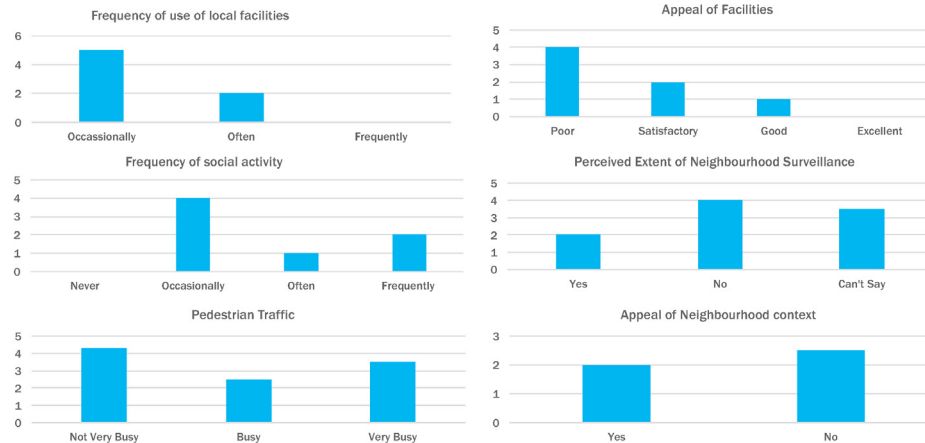
Context Living Environment Deprivation



Life Cycle Needs



Questionnaire Results



Ownership

Lack of ownership contributes towards neglect and antisocial behavior.

No sense of territorial responsibility.

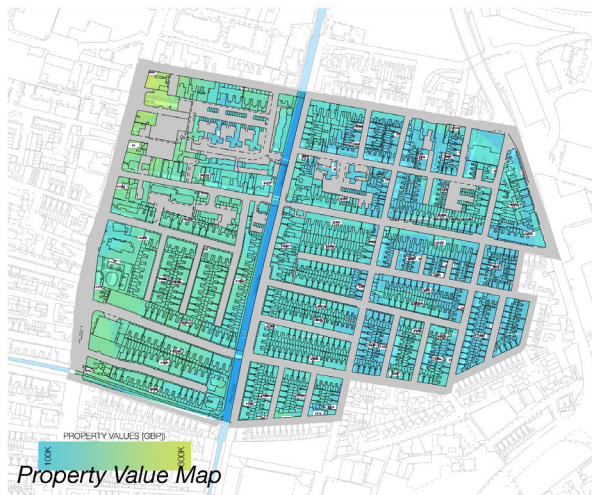
Blinds Shut to increase privacy, but reduces natural surveillance



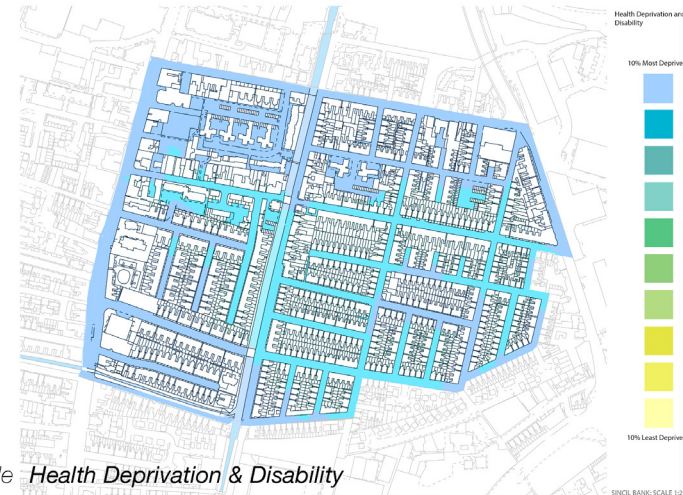
Personalisation



Mixed Tenure Property Value Map



Lifestyle Health Deprivation & Disability



Natural Surveillance

...limits the opportunity for crime by taking steps to increase the perception that people can be seen.



Conclusion

Where does Sincil Bank have potential?

Movement Structure

Access

Footpaths

Natural Surveillance

Local Facilities

Mixed Use

Life Cycle Needs

Public Space

Context

Ownership

Personalisation

Mixed Tenure

Lifestyle Differences

Public & Private Land



If there was more public space there would be higher social capital.

More public space = More interaction between members of the community.

Only public space in the area we looked at promotes antisocial behaviour because its not well maintained.



SECTION **FOUR**
DESIGN AND SOCIETY
ARC2001 **MESSAY**

IMAGE: GRANARY SQUARE, KINGS CROSS
SRC: GOO.GL/E4LZ1H