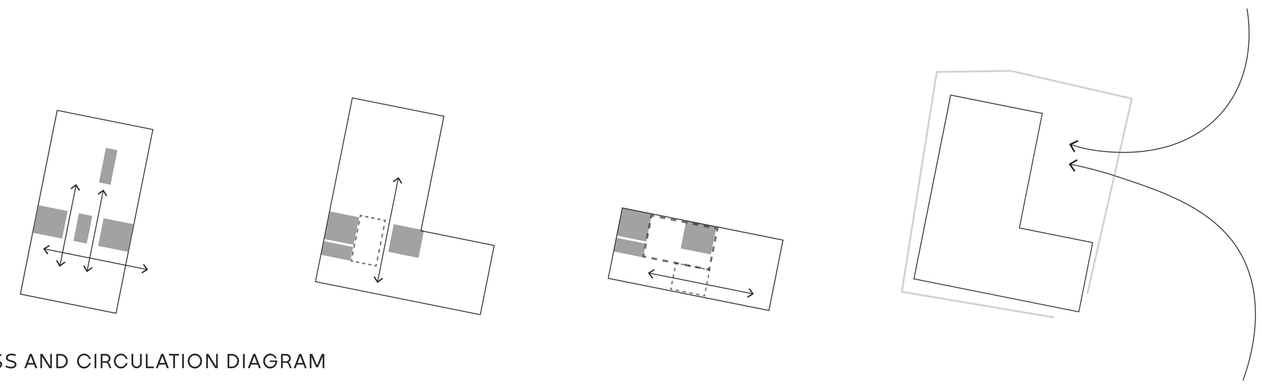
Graduate studio project: THE L WOOD LIBRARY

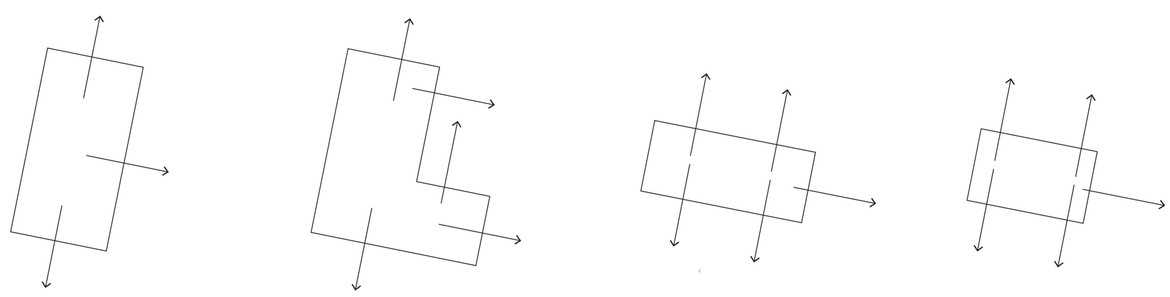
I am a graduate of the Bachelor of Architectural Studies from the UNSW Sydney, with a strong interest in sustainable and user centred design. Throughout my studies, I explored innovative ways to incorporate environmentally responsible materials, including timber, recycled resources, and cross-laminated timber (CLT), to create spaces that enhance people's everyday experiences while reducing environmental impact.

Located in Rydalmere, New South Wales, Australia, within the Rosshill precinct and overlooking the Parramatta River, this project is a multi-functional community facility comprising a library, exhibition spaces, and a community room. The building's L-shaped form maximises the use of the site while creating a welcoming and inviting presence. Public spaces are distributed across multiple levels, with the library, exhibition areas, and community facilities connected through a clear circulation system of stairs and lifts. A rooftop garden provides visitors with an enjoyable outdoor space while strengthening the connection between the building and its natural surroundings.

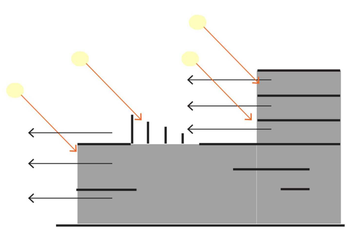
The design prioritises sustainability, accessibility, and community engagement. Through the thoughtful use of timber and CLT construction, the project aims to create a comfortable, environmentally responsible, and vibrant destination for learning, culture, and social interaction



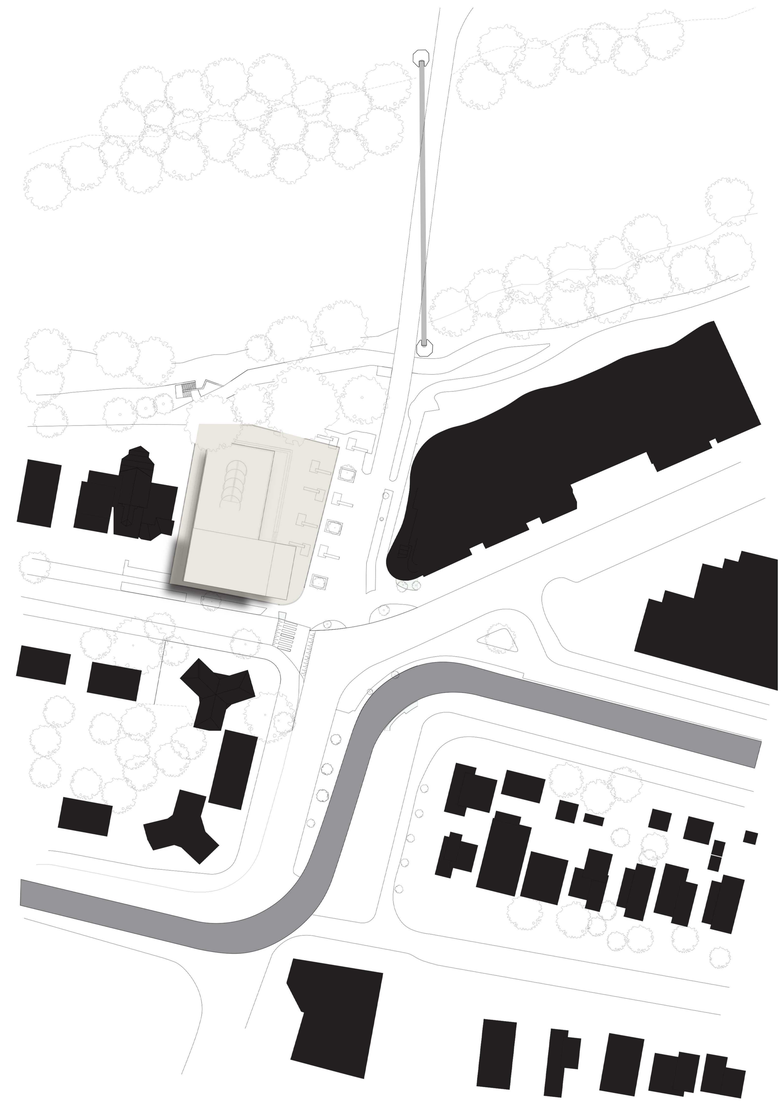
ACCESS AND CIRCULATION DIAGRAM



VIEW DIAGRAM



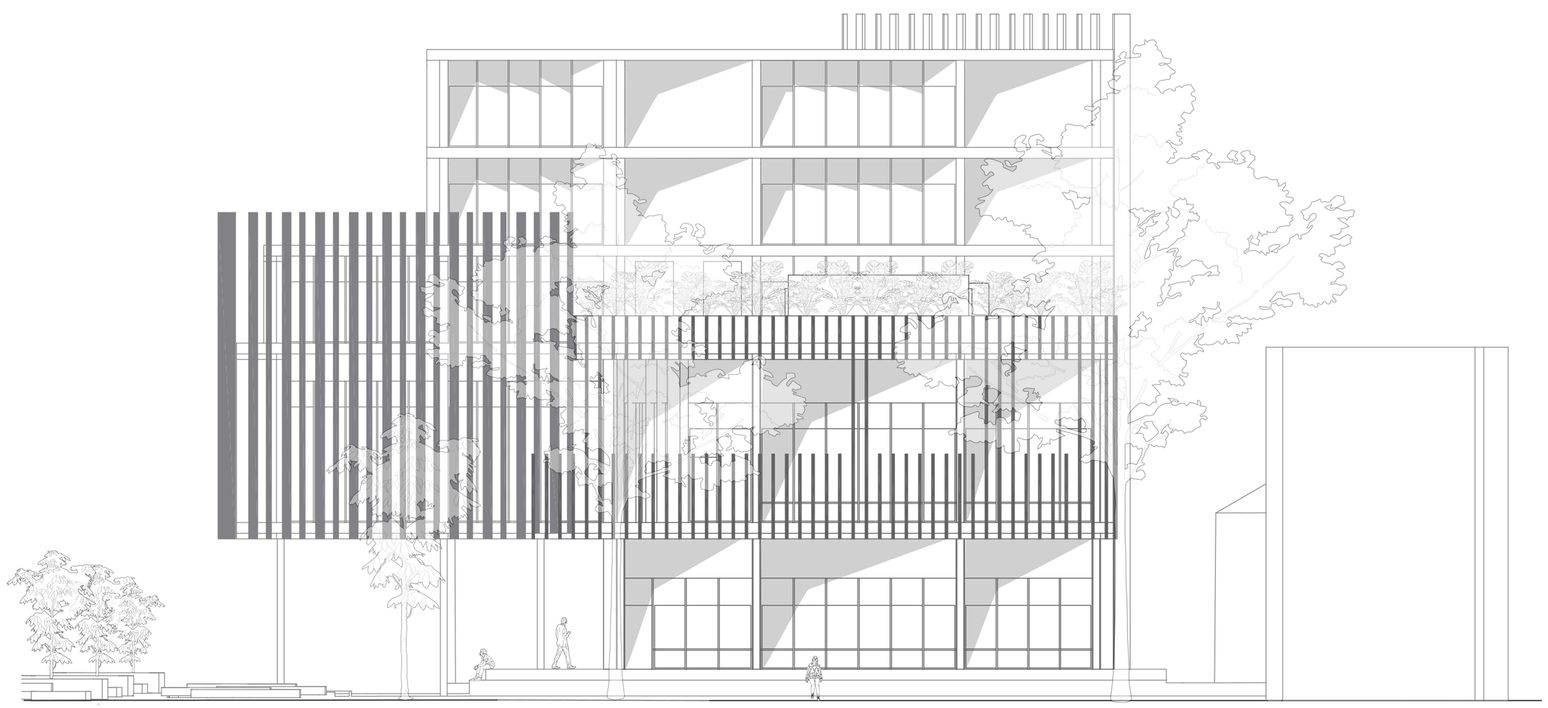
SUN DIAGRAM



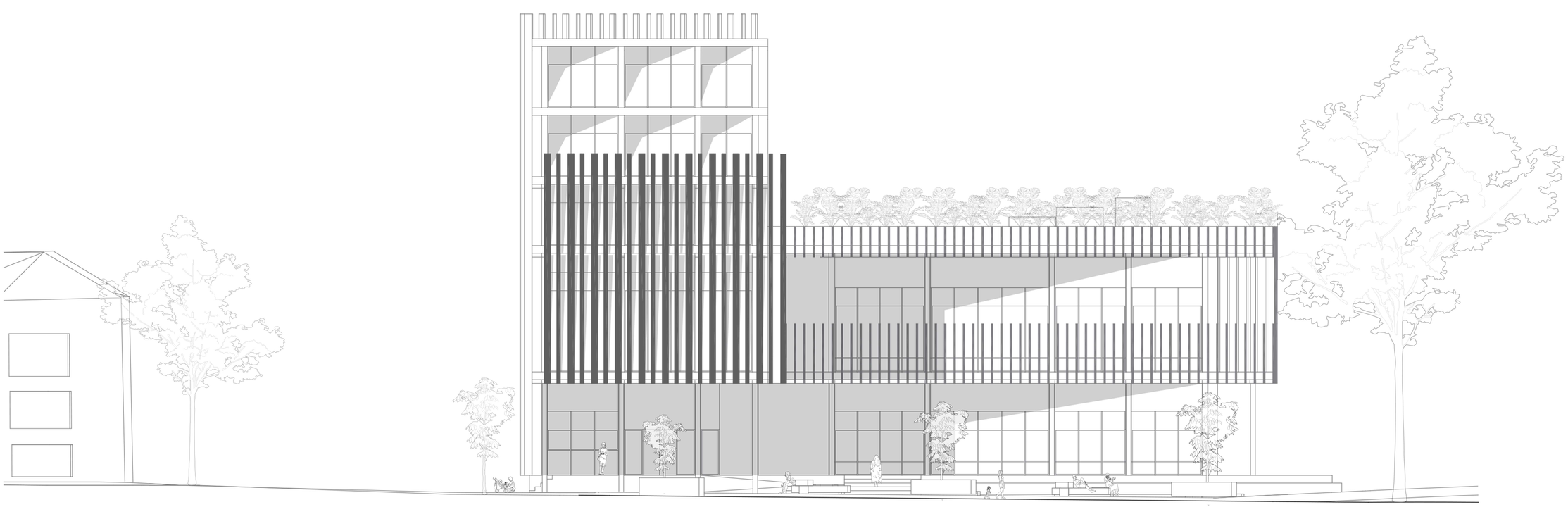
SITE PLAN

PHYSICAL MODEL OF L WOOD LIBRARY

DIGITAL RENDER- SKETCHUP, V-RAY, PHOTOSHOP

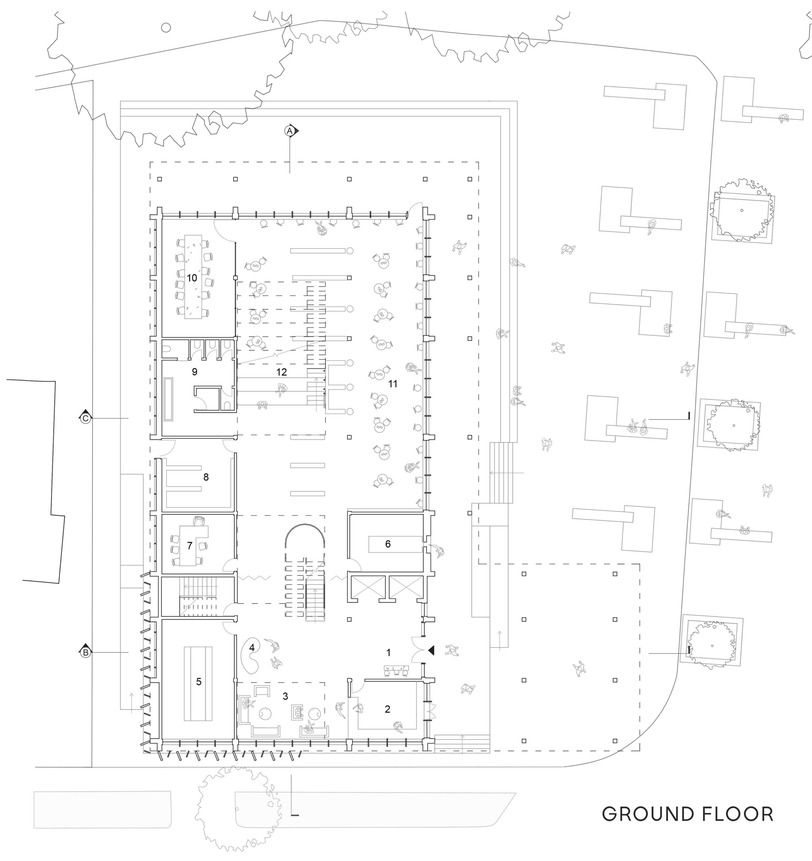


NORTH ELEVATION

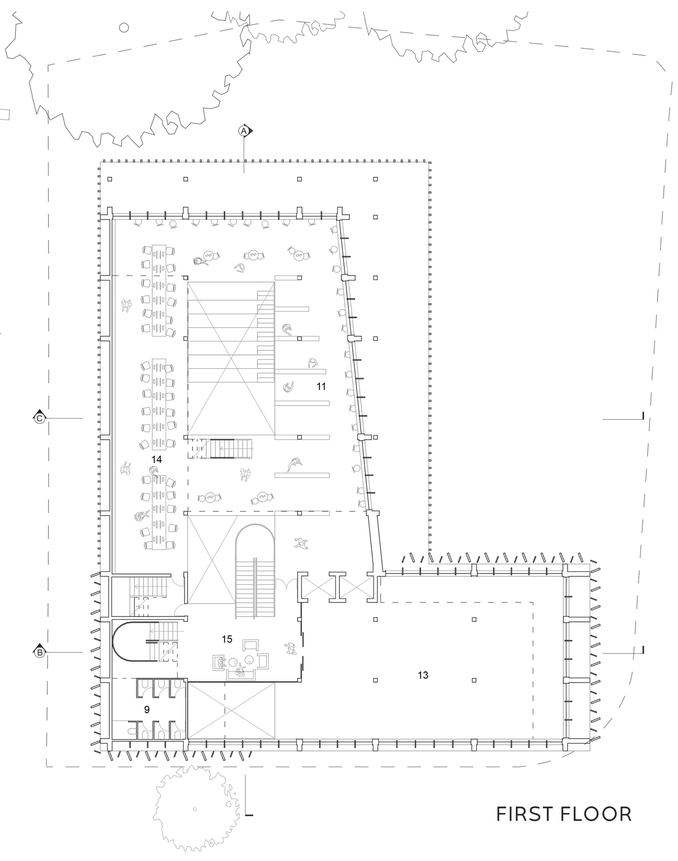


EAST ELEVATION

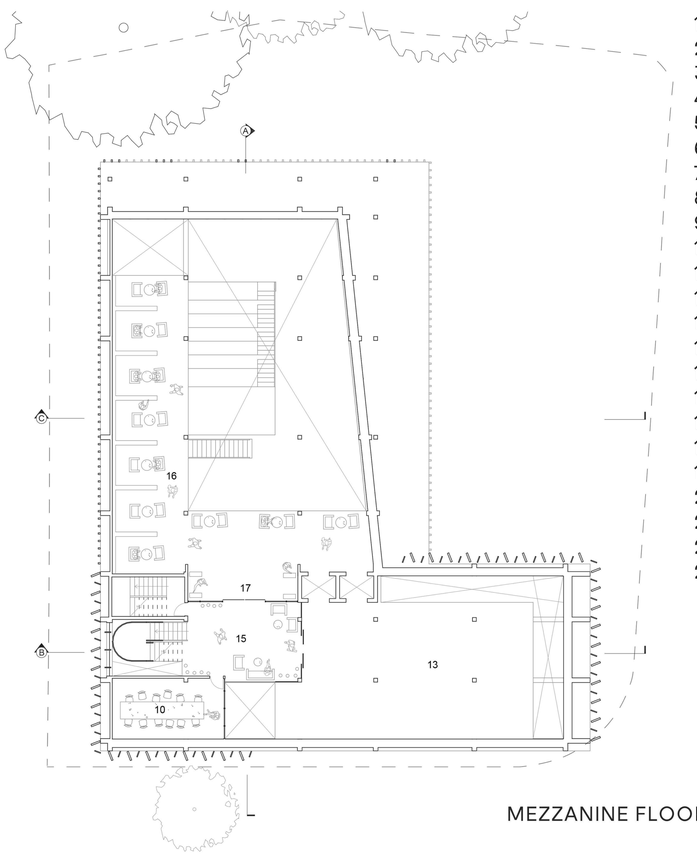
0 5 10m



GROUND FLOOR



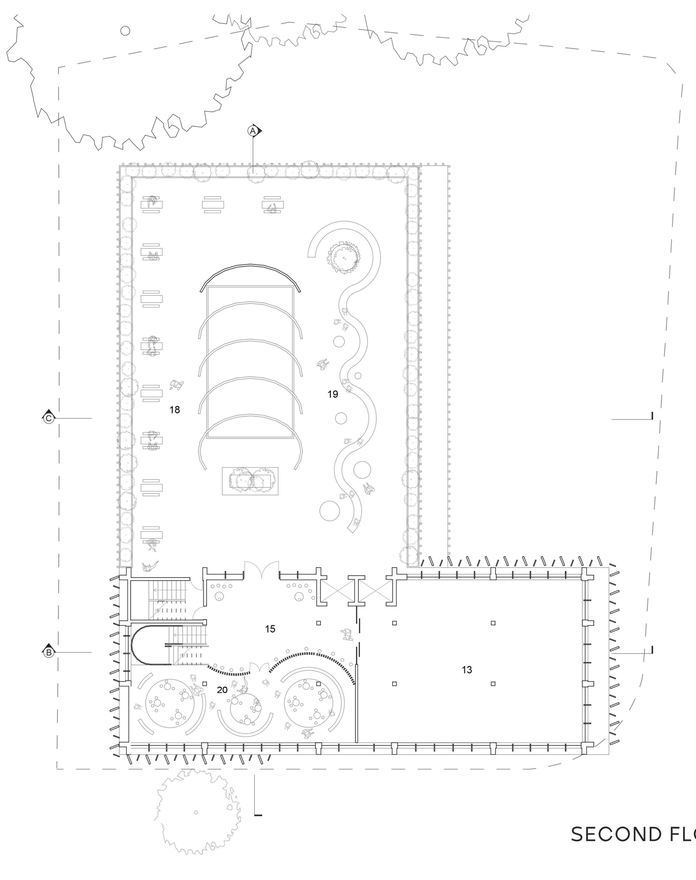
FIRST FLOOR



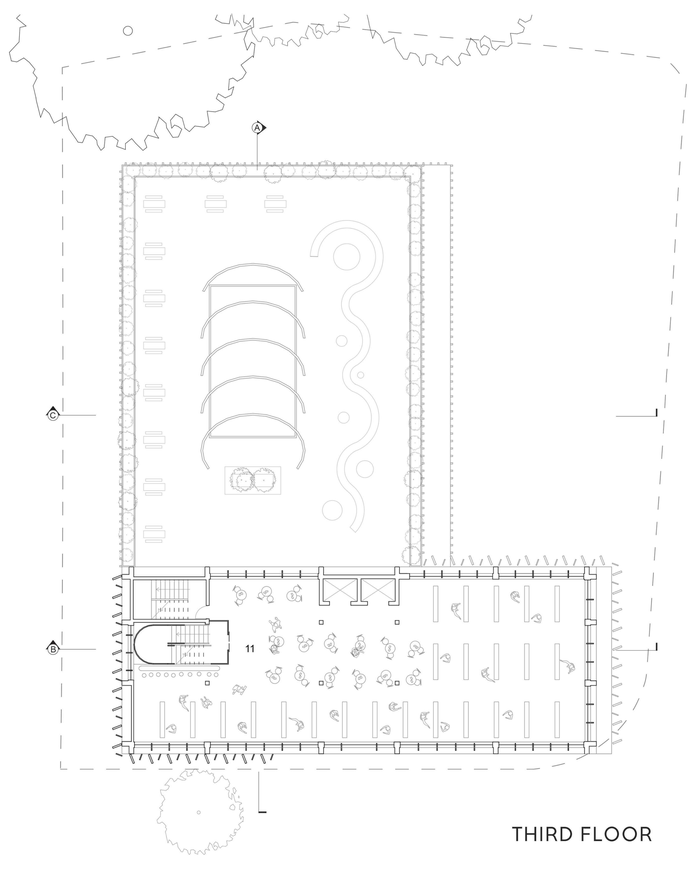
MEZZANINE FLOOR

SPACE PROGRAM

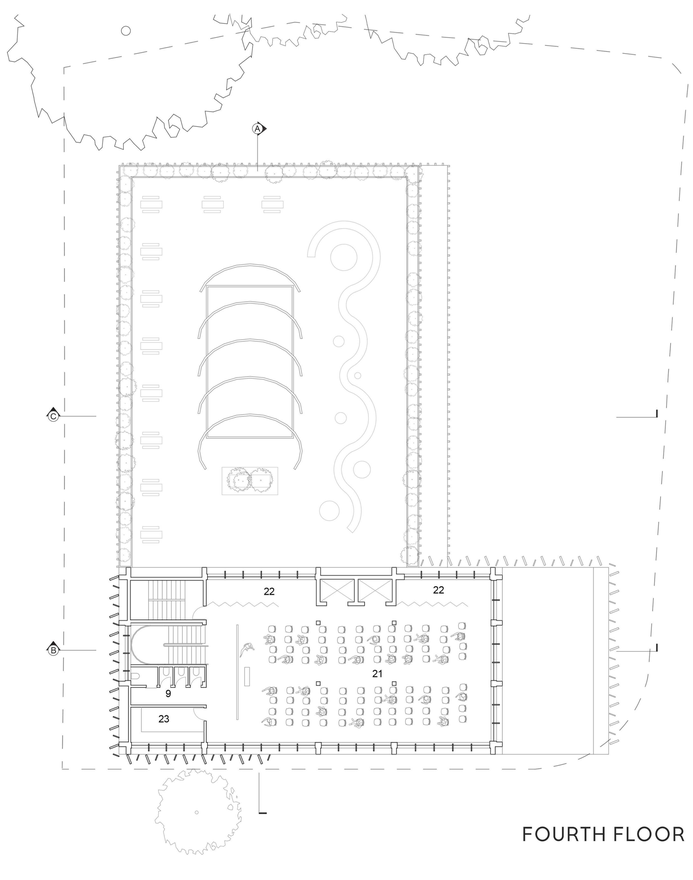
1. Concierge
2. Cafe
3. Casual seating area
4. Artwork
5. Staff room
6. After hour returning bay
7. Office
8. General store room
9. Toilets
10. Meeting room
11. Library area
12. Amphitheatre
13. Exhibition space
14. Computer area
15. Lobby
16. Library local history
17. Book return space
18. Rooftop seating benches
19. Rooftop play ground
20. Kids section
21. Community room
22. Storage
23. Kitchen



SECOND FLOOR



THIRD FLOOR



FOURTH FLOOR

0 5 10m

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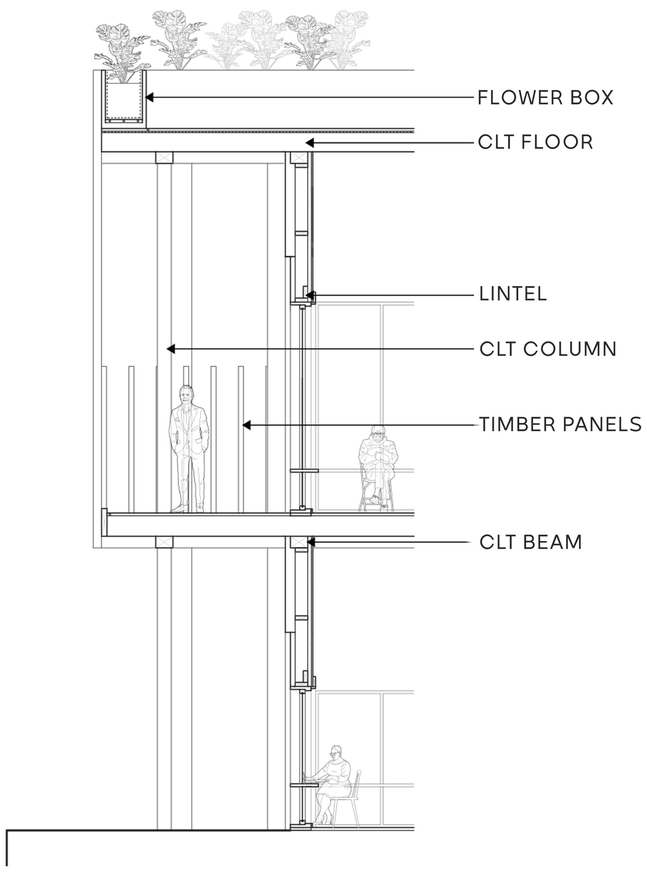
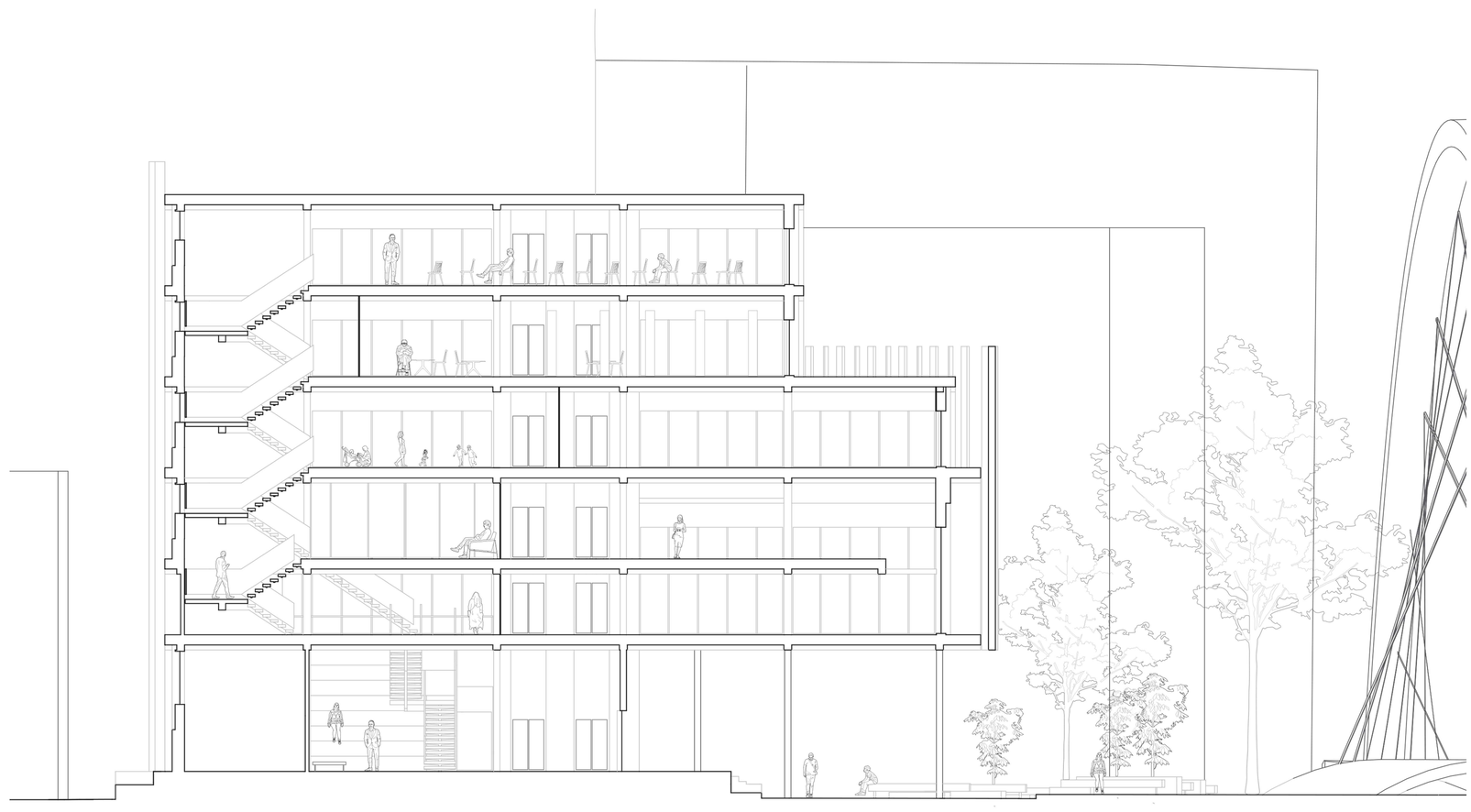
DIGITAL RENDER- SKETCHUP, V-RAY, PHOTOSHOP

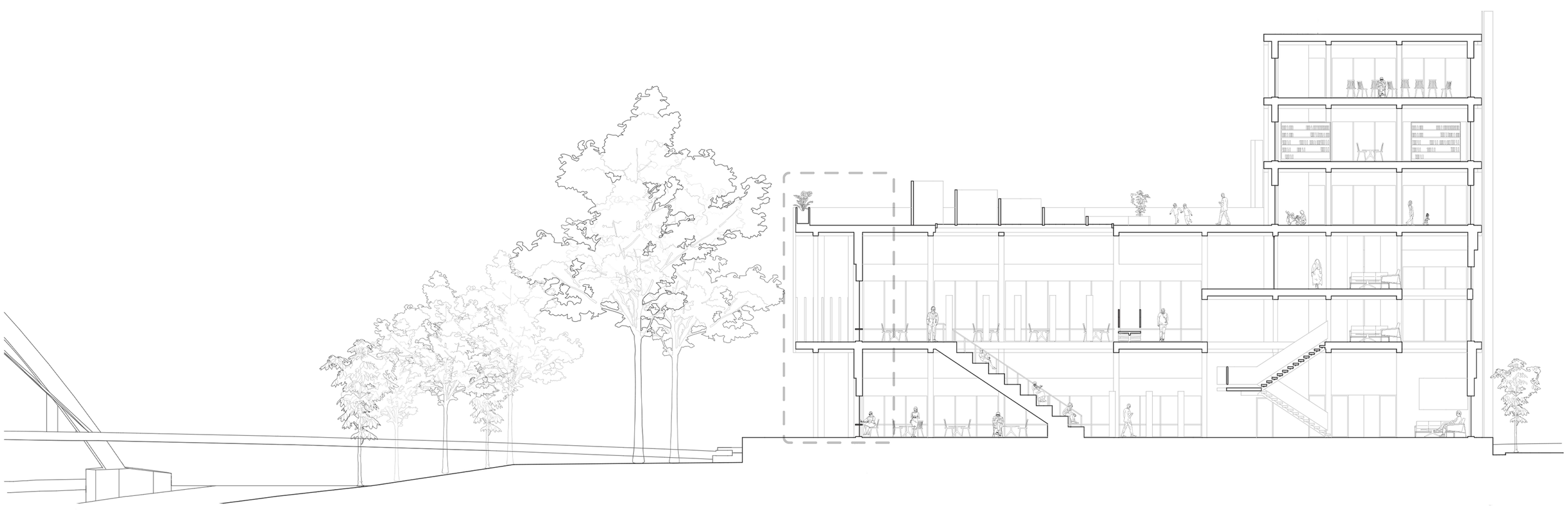
DIGITAL RENDER- SKETCHUP, LUMION



DETAILED WALL SECTION



SECTION B- SKETCHUP, AUTOCAD, ILLUSTRATOR



LONG SECTION- SKETCHUP, ILLUSTRATOR