

Harvey Sy

Executive Summary:

This Design Report Consist of Preliminary Drawings, and general layout of the New Graduate Architecture Building for RMIT, which is located at the Corner of Swanston Street and Victoria Parade.

The need for a new and rationalised space for the architecture faculty was the primary importance for this project, This scheme will also provide us with the opportunity to give RMIT a new look but still have some minor resemblance to the original buildings.

This proposal will also consider its cost restraints, and will be the will also try to solve some major problems in the original RMIT building.

There will be a total of ten levels above the ground and two levels below, all in all 12 levels.

The General Layout of the Building:

	West Side	East Side
Basement Level 1:	Car Park	Lecture Theatre/ Utility Room
Basement Level 2	Car Park	Lecture Theatre/ Security Room
Ground Floor	Book and Supply Shops	Cafes
Level 2	Administration Office	Cafes
Level 3	Architecture Library	Architecture Library/Cafe
Level 4	Workshop	Live in Studio
Level 5	Computer Labs	Computer Labs
Level 6	Live In Studio	Open Studio
Level 7	Exhibition Hall	Open Studio
Level 8	Computer Labs	Lecture Theatre
Level 9	Administration Office	Staff Office
Level 10	Lecture Theatre	Live in Studios

## Synopsis:

The pedagogical standing for this design is interaction and linkage of people with one another. The goal of the project is to create a spaces where the population may interact with one another in specific location of the building. So the idea of creating multiple voids in the area that creates an internal external space. This spaces are to be mainly use by the occupants of the building so that they can take a break or see one another with ease which will allow them to interact with one another and therefore possibly learn from one another. From the massing model it can be seen that majority of the spaces that the public are to use are located in the first few levels, then as you go higher their will be a mixture of private and semi private spaces in the area.

The Form of the building came from the 3 different types of massing models and also from the precedence studies that was made earlier. There are 3 different scales from small to large, then the 3 precedence buildings are as follows:

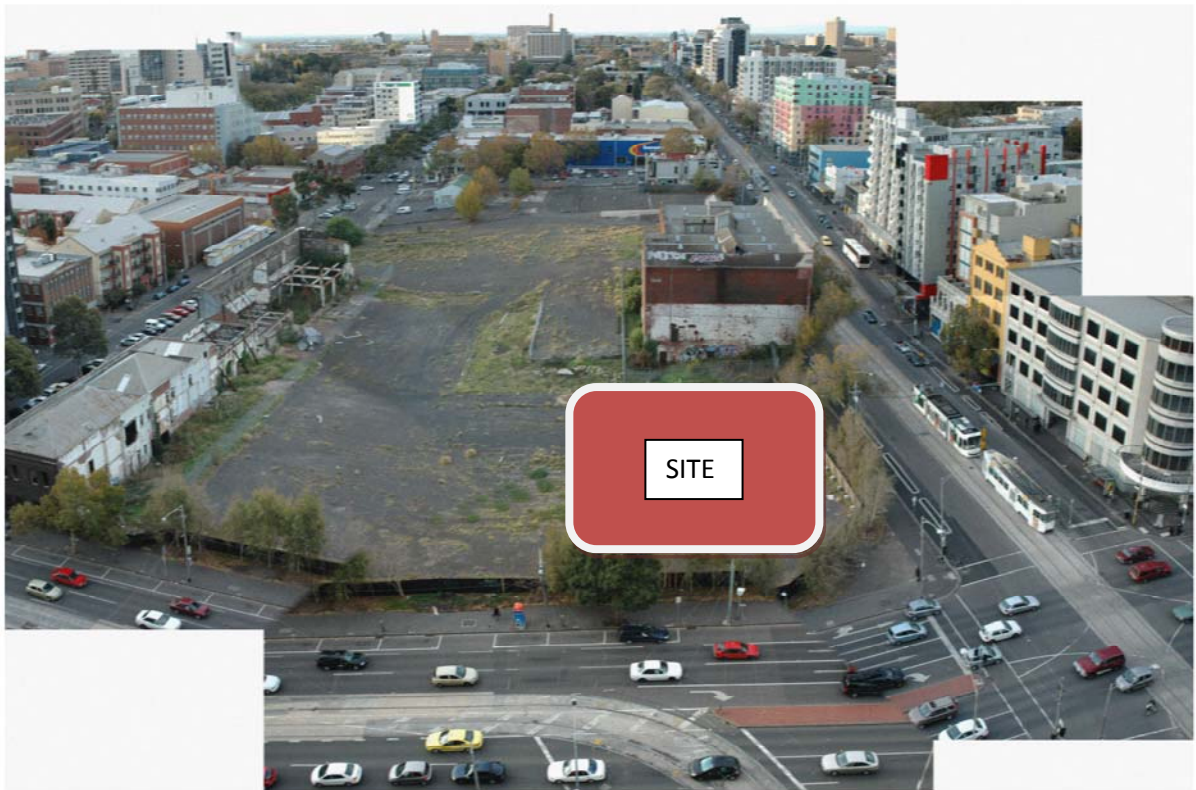
The Eybeam Museum of Art and Technology by: Diller Scofidio and Renfro

The Highline by: Diller Scofidio and Refro

Mahler 4 Office Tower By: UN Studio

These Building pushed the idea of external spaces being one with internal spaces, and also the interaction of people throughout the building. The design will have the north and south ends of the building fully exposed as to let people in the outside world see what truly happing insde the building is. This is to excite people and let them be intrigue as to what is happening with RMIT Graduate Architecture School. Then there will be multiple voids in the area that will provide people with interaction point throughout the building. Rather then the occupants of the top levels needing to go all the way down to the ground floor they have either the central void or the balconies provided to be able to go out and relax and have some fresh air.

Site Image



## Brief Summary:

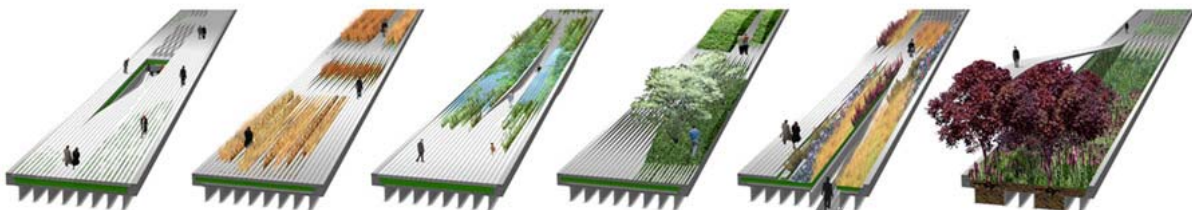
This school is specifically for RMIT Architecture Students, but could possibly mix with other schools to increase the amount of area being learnt from one another also to improve and maximise the peer to peer learning.

Multi use of circulation space, not only will the main atrium be used for circulation it can be used as exhibition space lounge space, a place where people can get together and enjoy ones company, also to maximise intercultural and multi disciplinary learning,

The building is divided up into multiple section all linked by the main atrium, so every staff or student will have their own area and privacy as well.

# Design Considerations/Precedence

## The High Line



**PIT** 0% : 100%      **PLAINS** 40% : 60%      **BRIDGE** 50% : 50%      **MOUND** 55% : 45%      **RAMP** 60% : 40%      **FLYOVER** 100% : 10%



<b>MOSELAND</b> Dianthus Limonium Pulsatilla Thalictrum	<b>TALL MEADOW</b> Aster Festuca Miscanthus Pennisetum Sorghastrum	<b>WETLAND</b> Aster Epimedium Lonicera Lythrum Verbena	<b>WOODLAND THicket</b> Adiantum spp. Aster Betula nigra 'Heritage' Celtis occidentalis Saxifraga alba Osmunda spp. Viburnum acerifolium	<b>MIXED PERENNIAL MEADOW</b> Aster Eryngium giganteum Rudbeckia Ranunculus Forsythia Sanguinaria officinalis Salvia	<b>YOUNG WOODLAND</b> Agrostis Buxus sempervirens Cercis canadensis Lonicera Rhus typhina Salix integra
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## Design Context

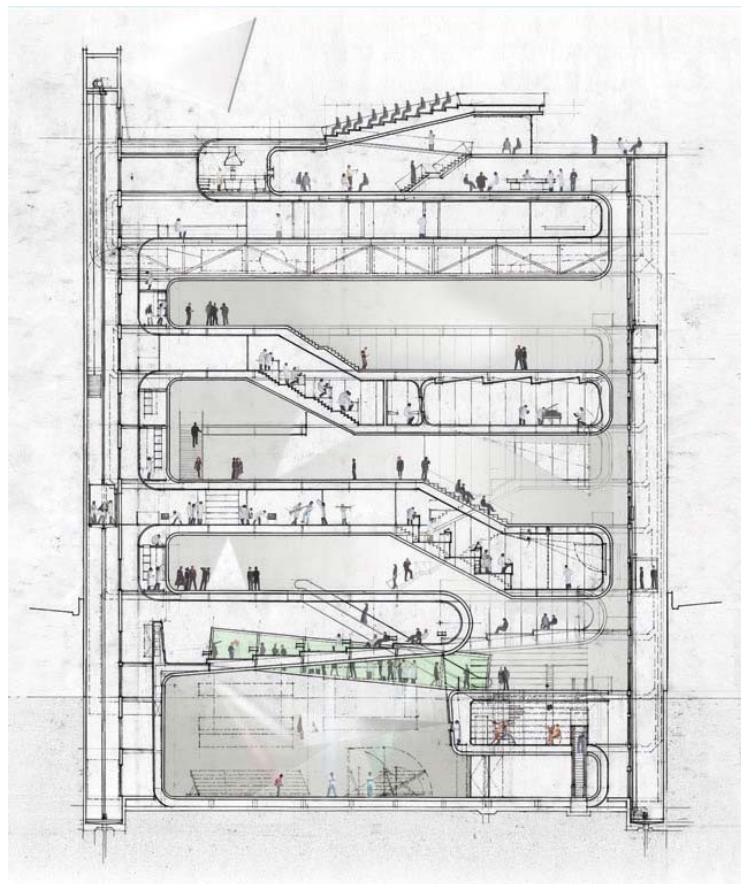
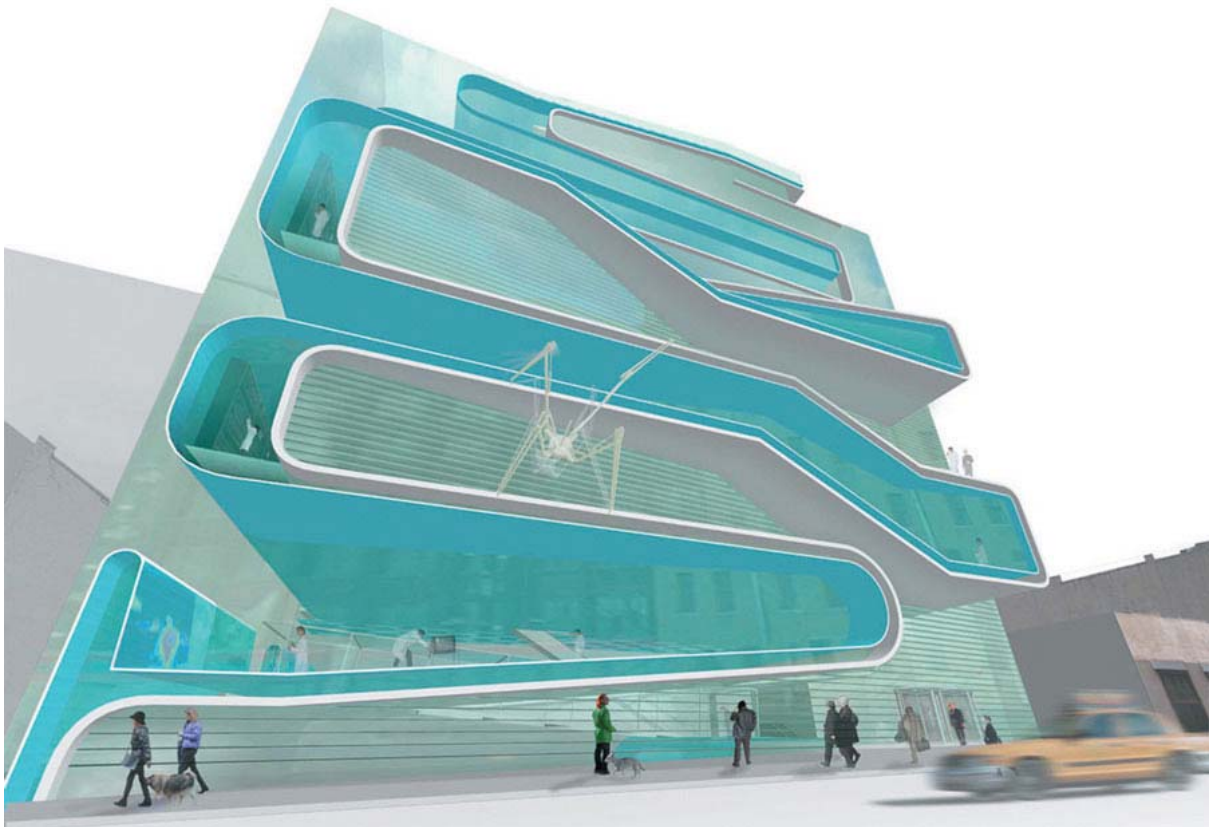
The master plan for The High Line, an elevated railroad spur stretching 1.45 miles along Manhattan's Westside, is inspired by the melancholic, unruly beauty of the ruin today where nature has reclaimed a once vital piece of urban infrastructure. The team retools this industrial conveyance into a postindustrial instrument of leisure reflection about the very categories of "nature" and "culture" in our time. By changing the rules of engagement between plant life and pedestrians, the strategy of agri-tecture combines organic and building materials into a blend of changing proportions that accommodate the wild, the cultivated, the intimate, and the hyper-social. The park is marked by slowness, distraction and an other-worldliness that preserves the character of The High Line.

## Ideas Taken:

The idea of external spaces has some interaction with the internal spaces.

How nature was used in the project

EYEBEAM Museum of ART and TECHNOLOGY



## Design Context

The hybrid nature of the Museum of Art and Technology, both museum and production/education facility, provokes an architecture of cross-programming and spatial interweaving. The architectural concept begins with a pliable ribbon that partitions the programming; production spaces to one side (blue) and presentation spaces to the other (gray). The ribbon undulates from side to side as it climbs from the street, floor folding into wall, folding into floor, slipping back gradually to fit the diminishing zoning envelope. With each change of direction the ribbon alternately enfolds a production or presentation space, thus combining together the major program divisions and populations of the building (residents and visitors) as well as their diverse activities and speeds. While residents use the east core and visitors use the west, each must pass through the spaces of the other when circulating between successive levels. The ribbon is sometimes sheared and slipped into alignment with a level above or below, thus, conjoining a production and presentation space. The building is designed as a system of controlled contamination. Between the blue and gray plies is the building's nervous system, which can be stripped out every several years. The project was selected in a two- part international competition.

### Ideas Taken:

The single line idea that creates one fluid motion in the building that also defines the spaces inside it

The idea of exposure to the outside world

## Mahler 4 Office Tower



### Design Context

The Mahler 4 Office project on the Amsterdam South Axis covers an area approximately 40 by 40 meters. To accommodate planning constraints and pragmatic requirements for flexible office spaces, internal voids have been strategically positioned to allow for daylight penetration, direct views and the optimization of office environment. The horizontal façade pattern reflects the building's internal organization.

### Ideas Taken:

The spaces that are now combined with nature which are enclosed but still brings in a relaxing location in the internal office space

Multiple voids in different areas to increase more meeting areas for people that occupy the building

My Design Proposal key ideas or words:

Linking

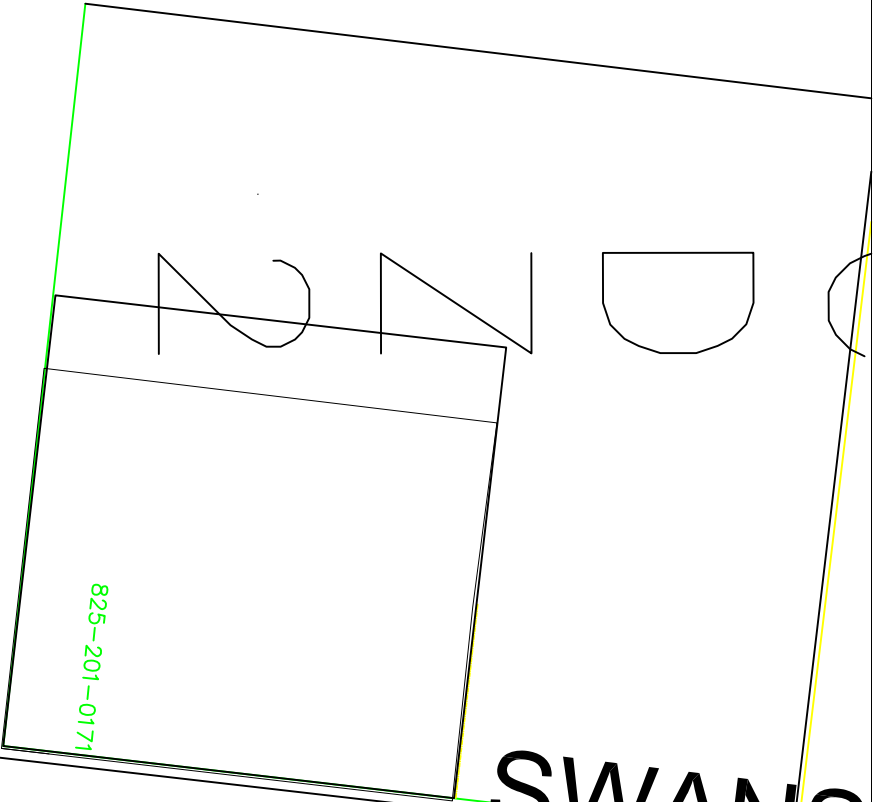
Multi Purpose Rooms

Letting People Mingle with one another

Bring in Nature into building

Design Proposal

BOUVEI



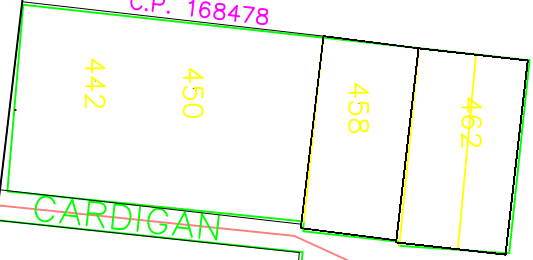
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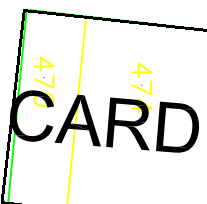


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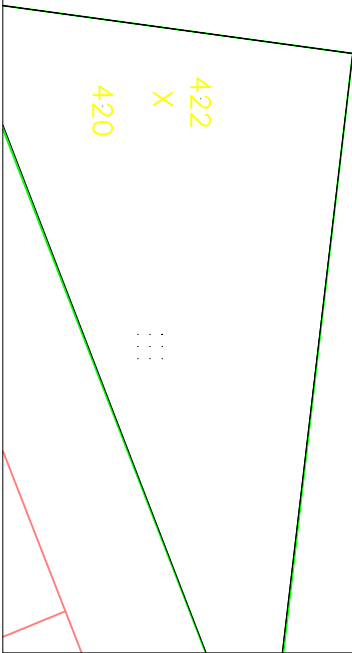
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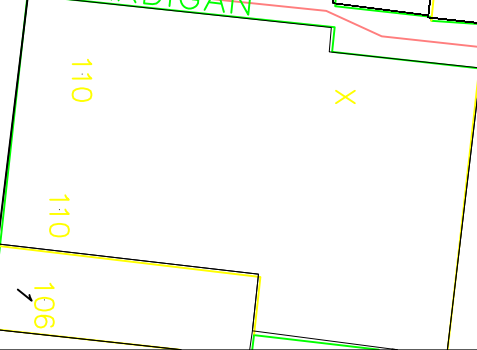
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VICTORIA

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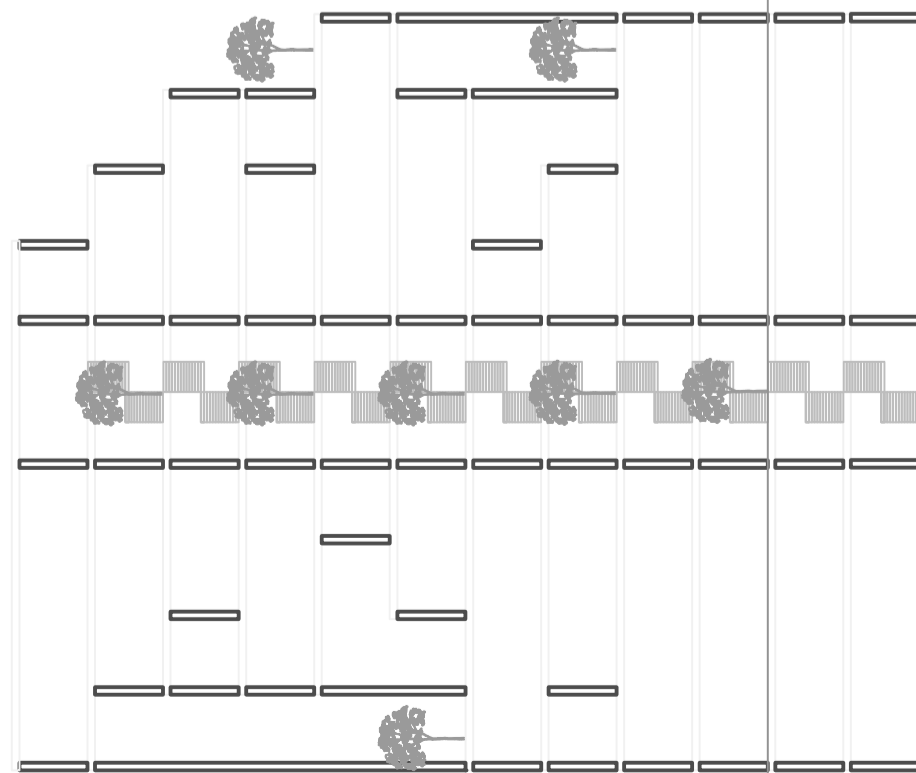
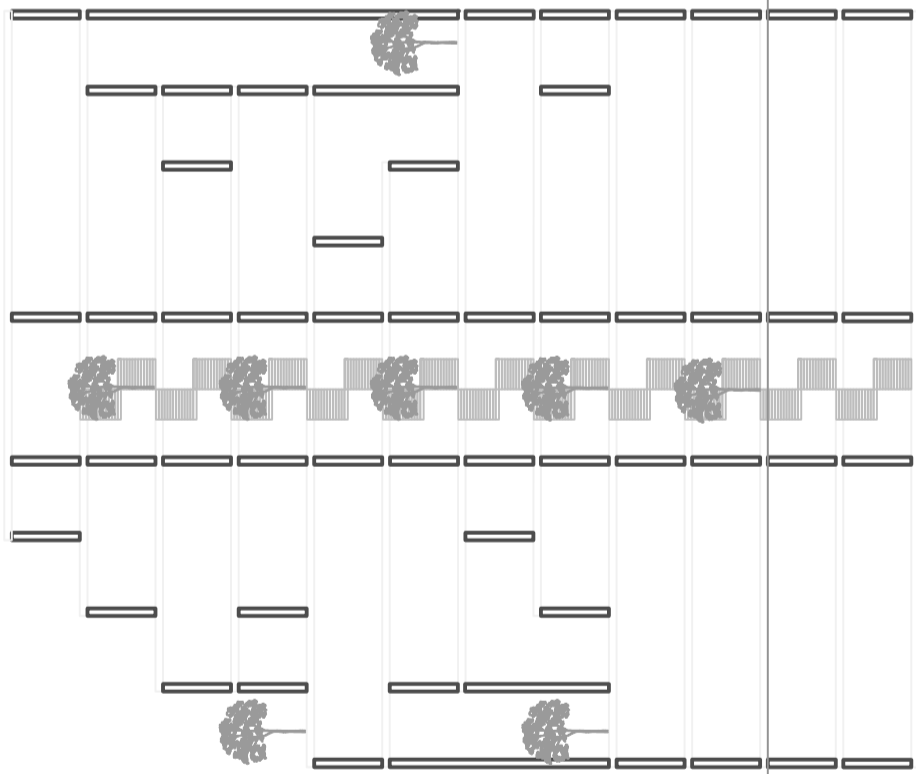
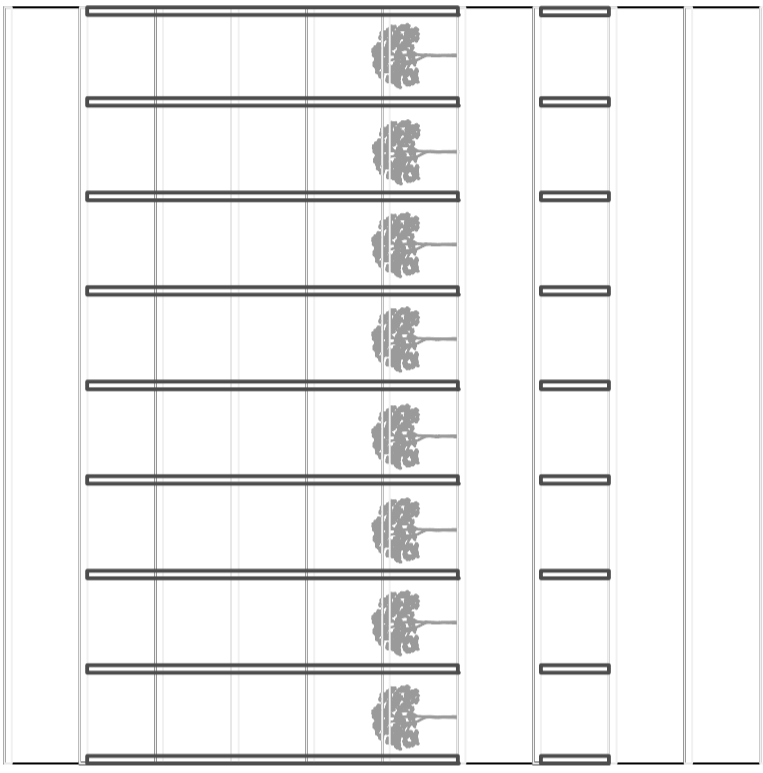
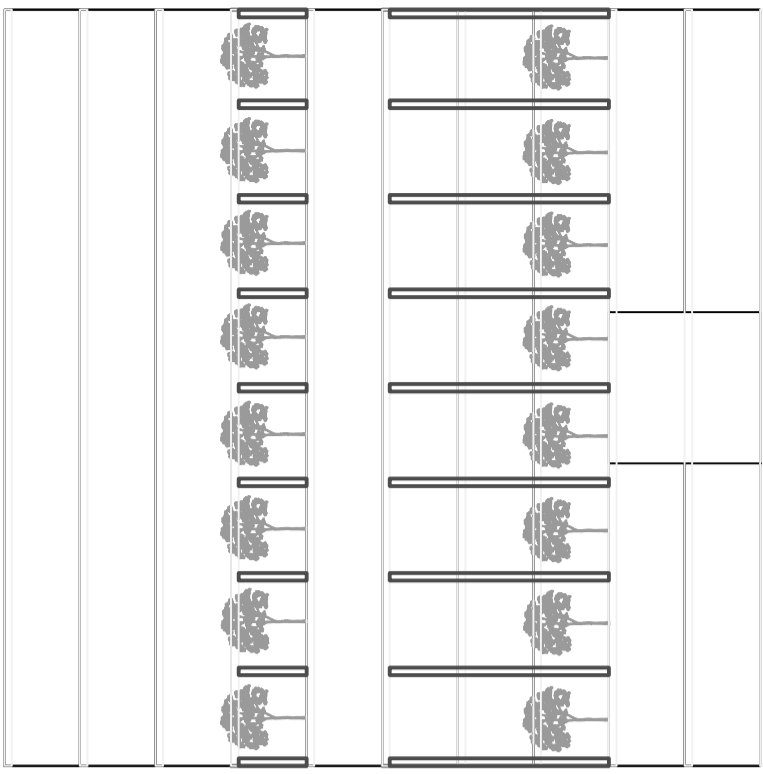
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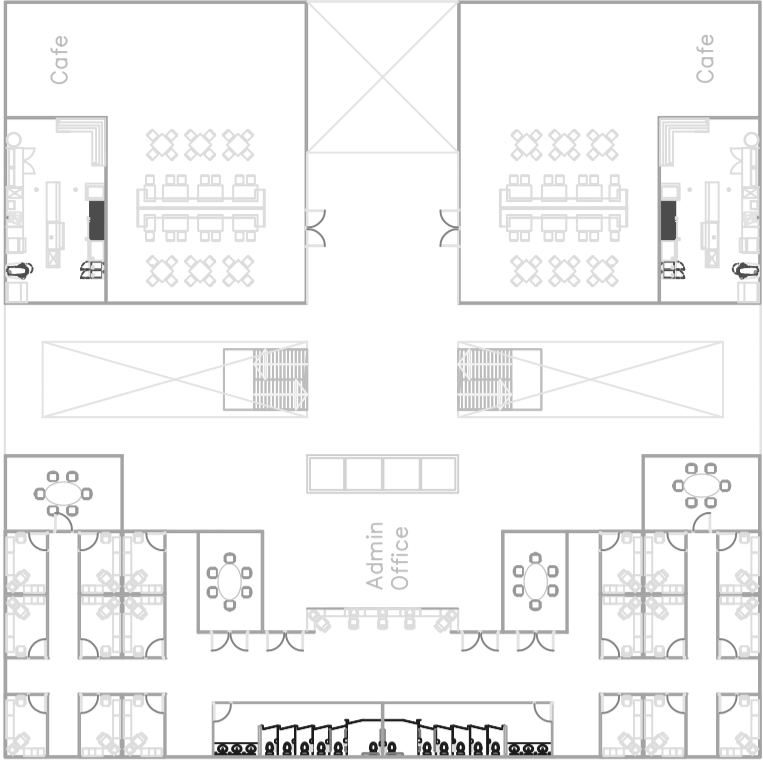
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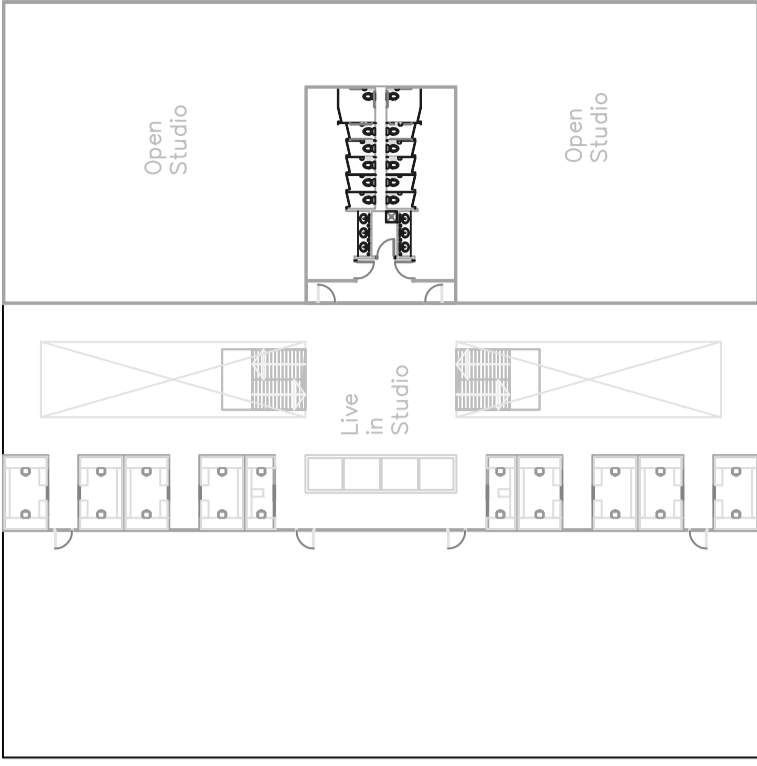


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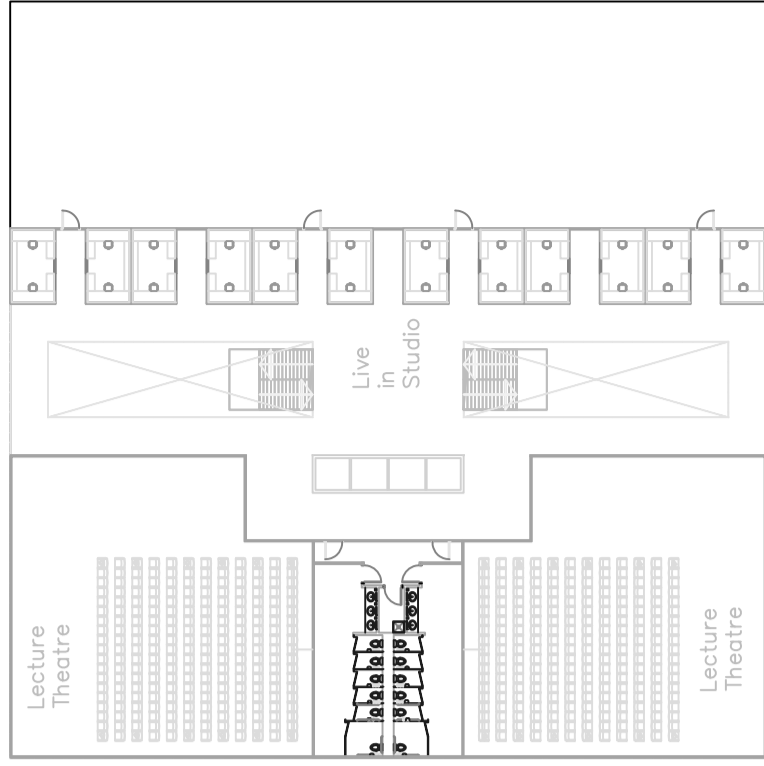
Victoria Parade

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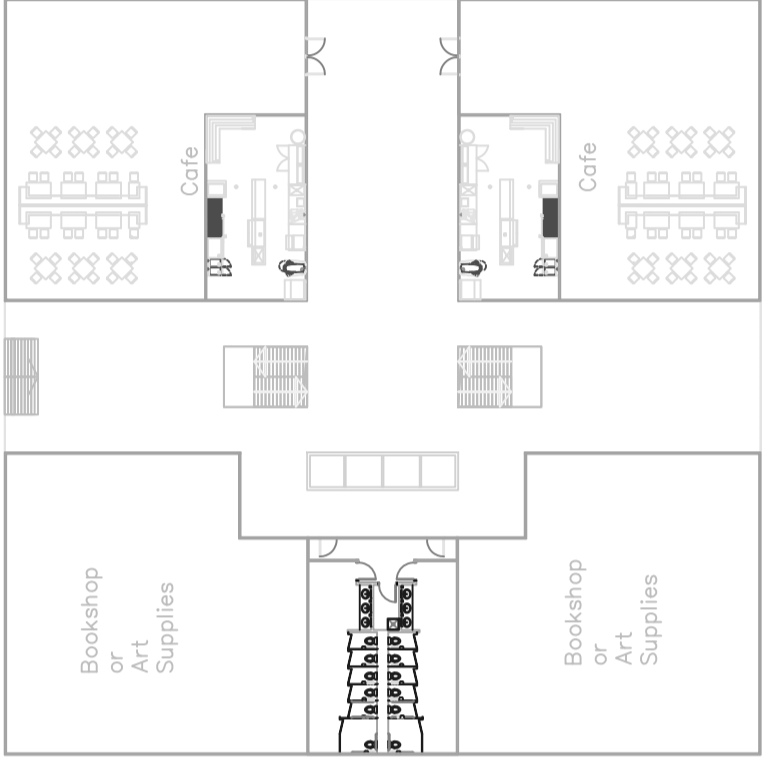
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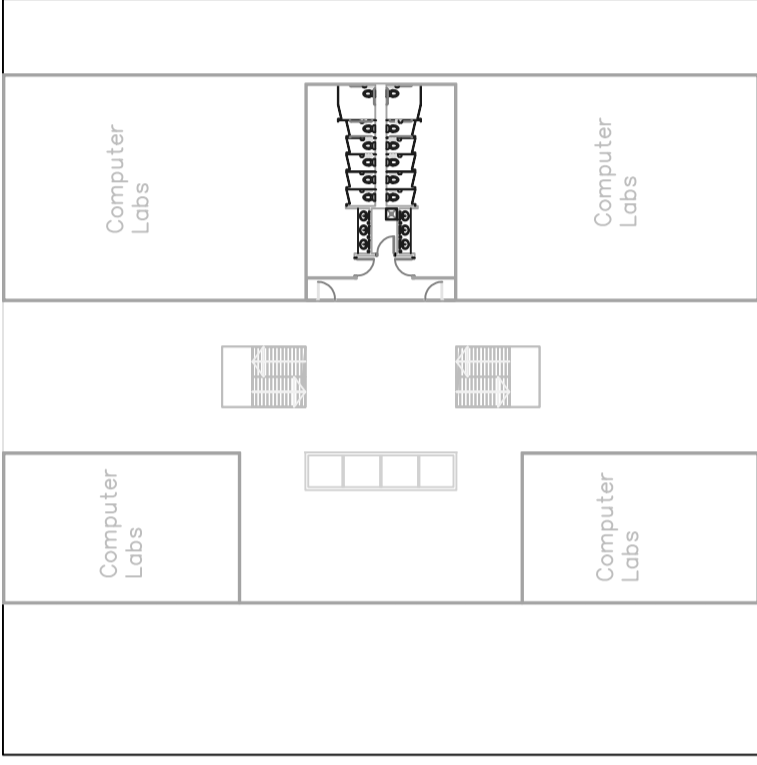
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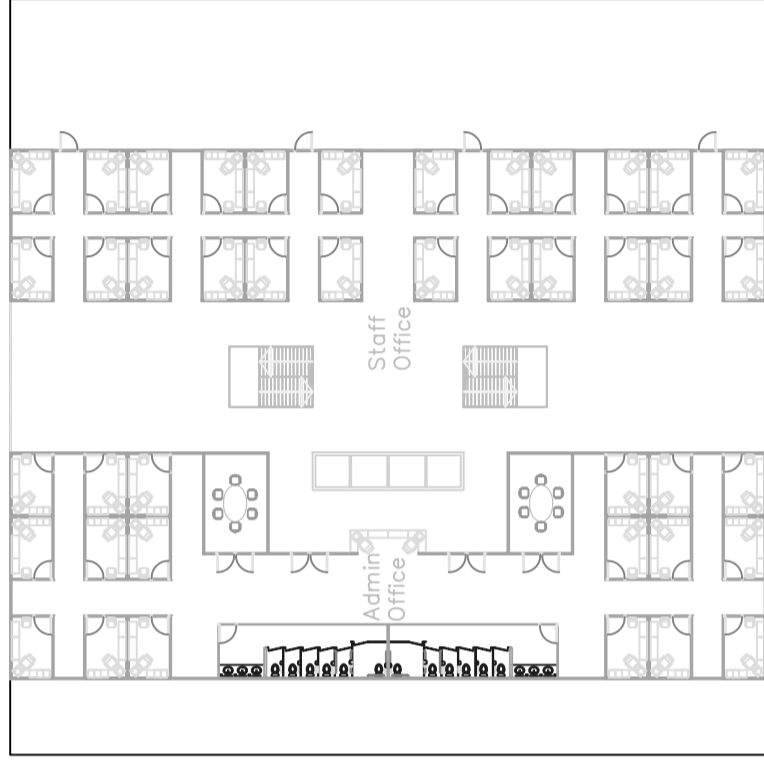
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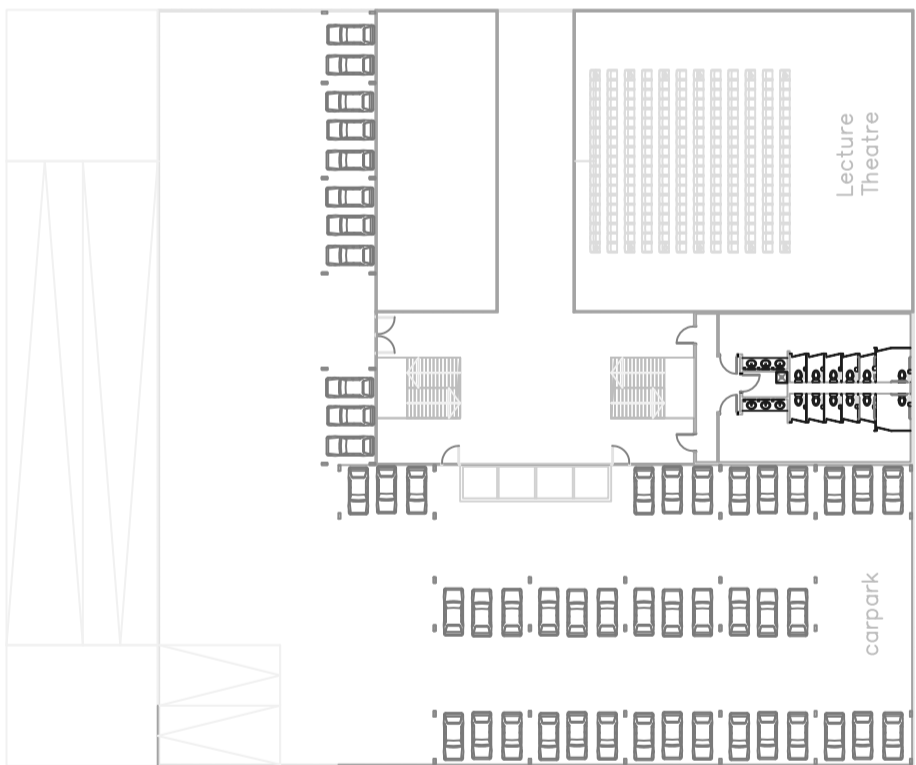
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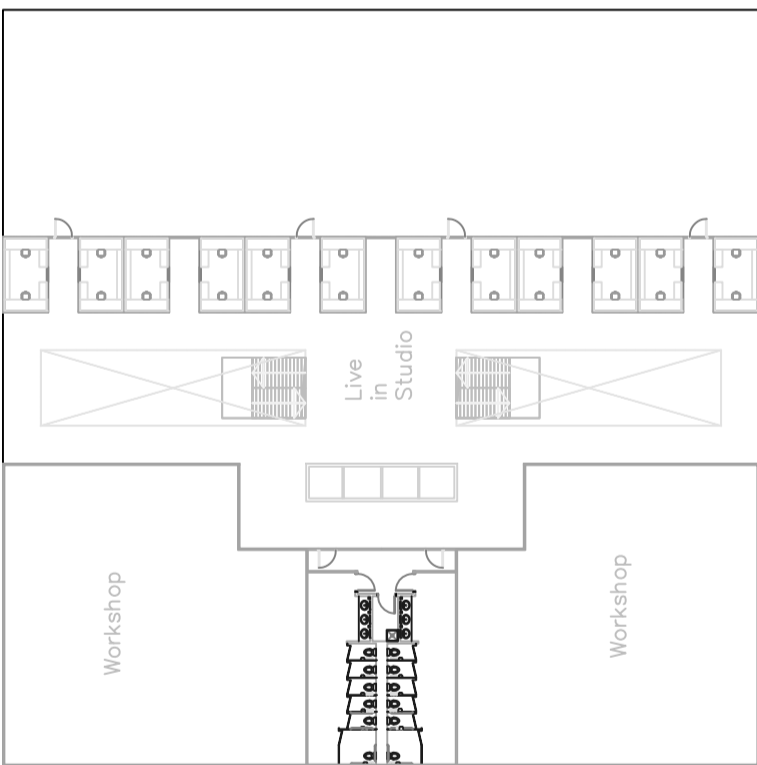
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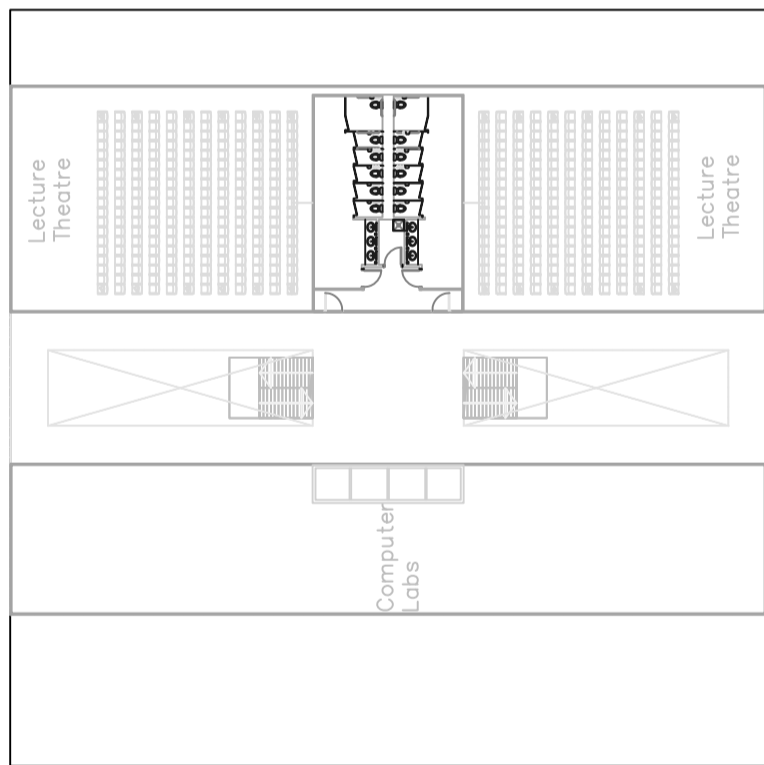
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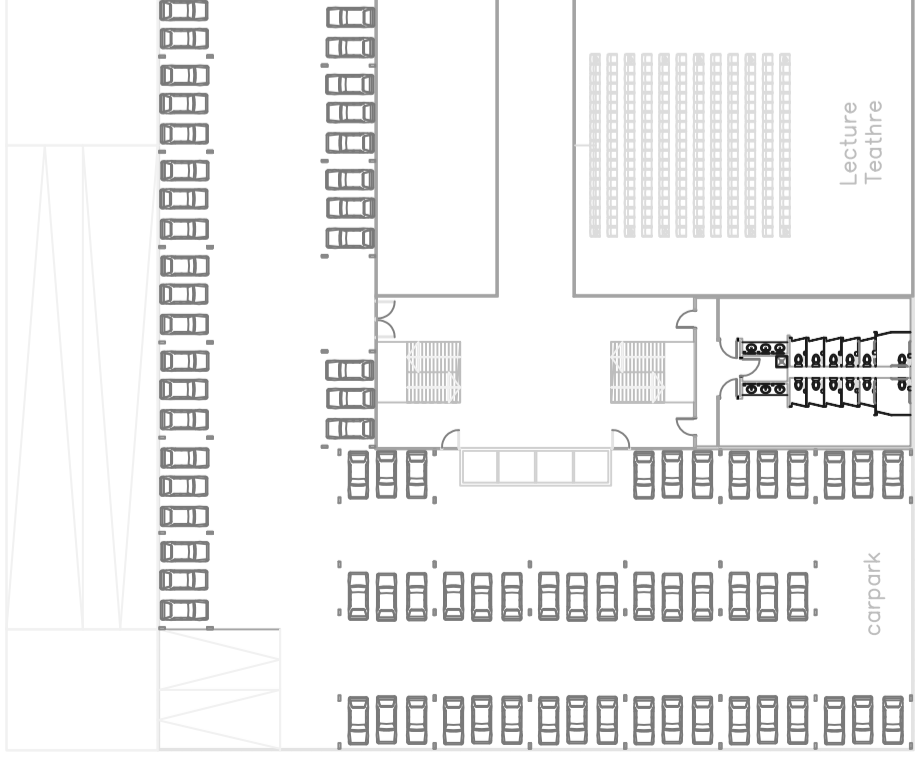
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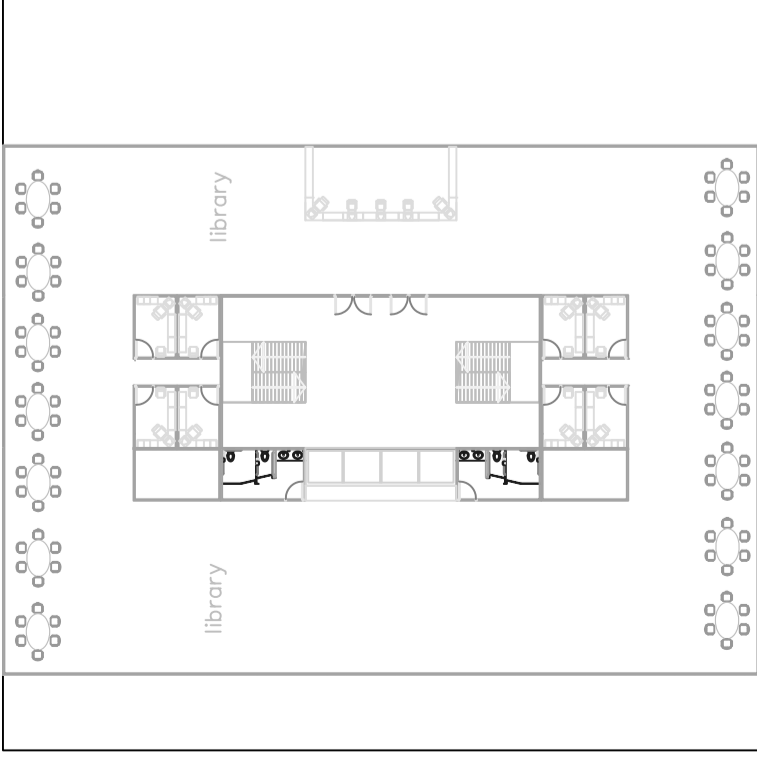
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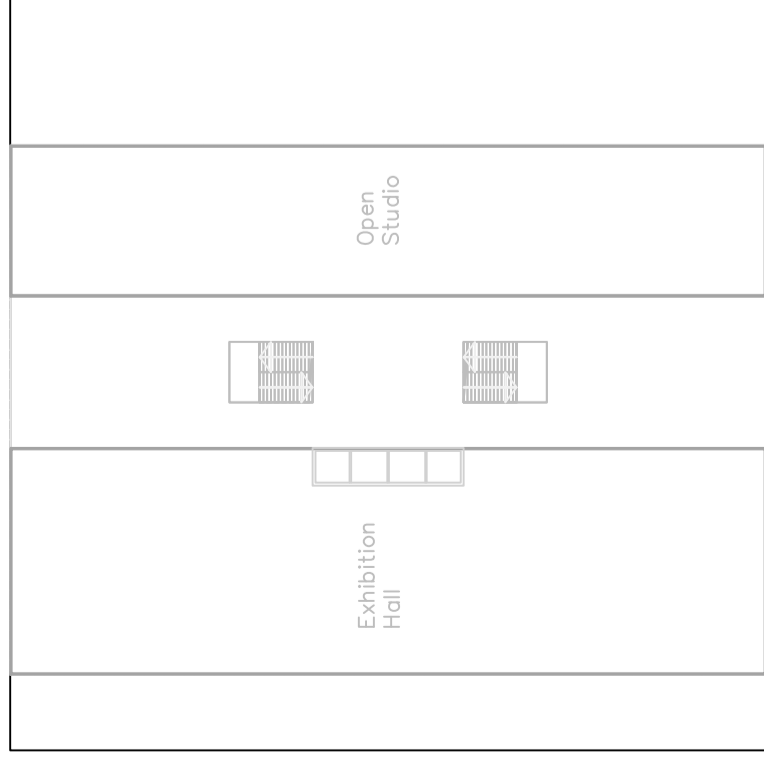
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