

archiLINK



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Design 2

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 and students 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 eight levels in the proposal, this will include two basement levels, and 4 levels above ground.

The General Layout of the Building:

	West Side	East Side
Basement Level 1:		Lecture Theatre/ Storage
Basement Level 2	Car Park	Lecture Theatre/ Utility Room
Ground Floor	Book and Supply Shops	Cafes
Level 2	Administration Office	Live In Studio
Level 3	Architecture Library	Architecture Library
Level 4	Workshop	Staff Office
Level 5	Computer Labs	Computer Labs
Level 6	Staff Office	Open Studio

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 space where the population may interact with one another in specific location of the building. So the idea of creating multiple voids in the area so that it creates an internal that may seem to feel like a partial external space. These 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 there will be a mixture of private and semi private spaces in the area.

The Form of the building came from the 4 different types of massing models and also from the precedence studies that was made earlier. There are 3 different scales from small to large, and then the 3 precedence buildings are as follows:

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

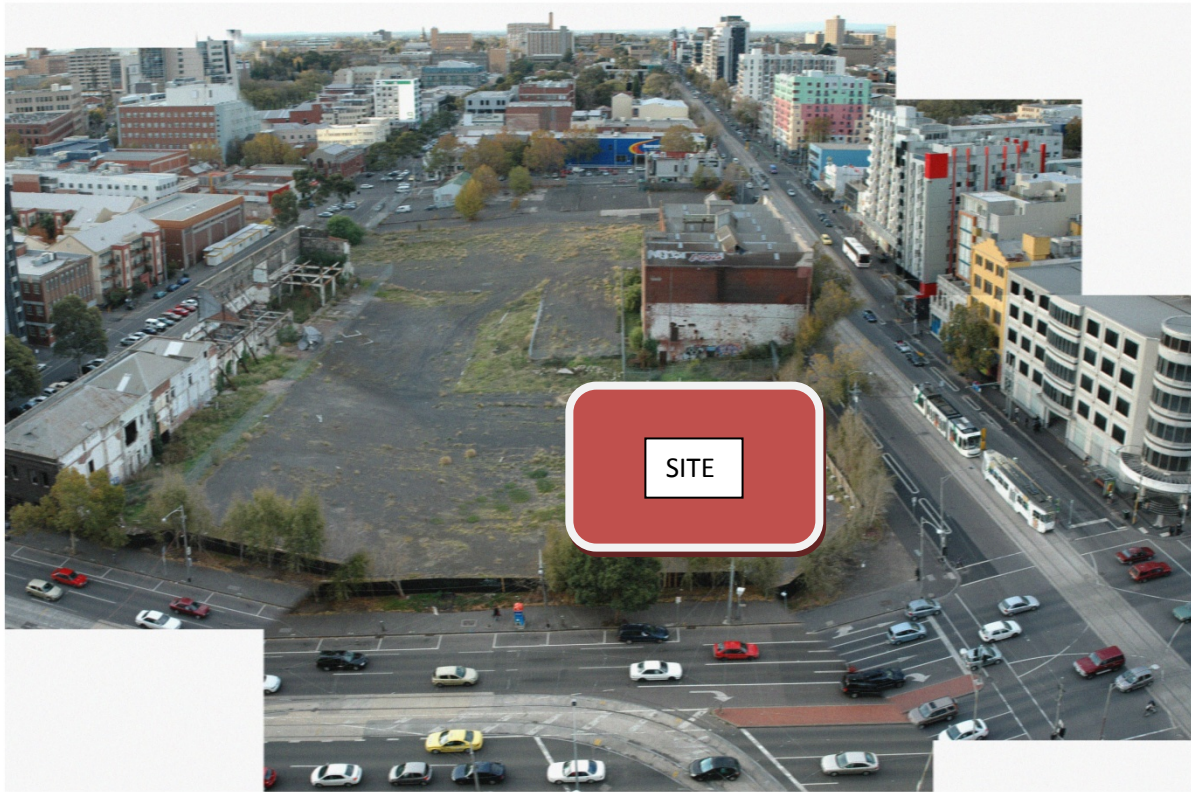
The Highline by: Diller Scofidio and Refro

Mahler 4 Office Tower By: UN Studio

All Hollow's School By: Cox Rayner

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 than 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. The building is designed in such a way that most of the spaces correlate to one another making occupants of the building capable of going around with ease and getting to different locations in time.

Site Image



Brief Summary:

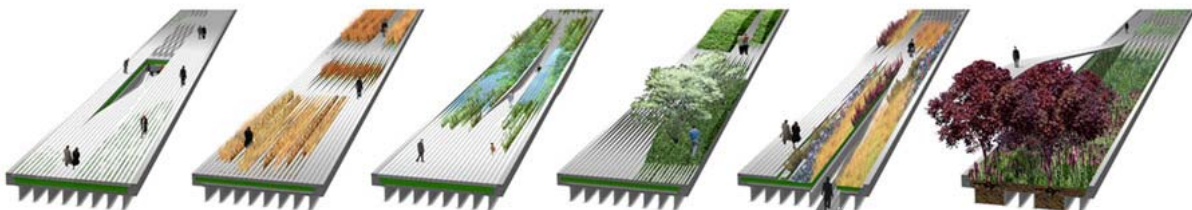
This school is specifically for RMIT Architecture Students, but could possibly mix with other schools of design to increase the amount of area being learnt from one another also to improve and maximise the peer to peer learning. So students will not only be able to learn one area of design but is now capable of widening the view towards the different areas of architecture and design.

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, and at the same time have ease of reaching one another when in need.

Design Considerations/Precedence

The High Line



PIT
0% : 100%

PLAINS
40% : 60%

BRIDGE
50% : 50%

MOUND
55% : 45%

RAMP
60% : 40%

FLYOVER
100% : 10%

- MOSSELAND**
Dicentra
Lychnis
Polygonum
Thalictrum

- TALL MEADOW**
Aster
Festuca
Miscanthus
Pennisetum
Sorghastrum

- WETLAND**
Aster
Equisetum
Lythrum
Verbena

- WOODLAND THicket**
Adiantum
Asarum
Betula nigra 'Heritage'
Carex lasiocarpa
Saxifraga albotum
Osmunda cinnam.
Viburnum acerifolium

- MIXED PERENNIAL MEADOW**
Aster
Eryngium giganteum
Hebe
Monarda
Panicum
Sanguinaria officinalis
Salix

- YOUNG WOODLAND**
Agrostis
Betula pumila
Cornus canadensis
Lonicera
Rhus typhina
Salix integra



Design Context

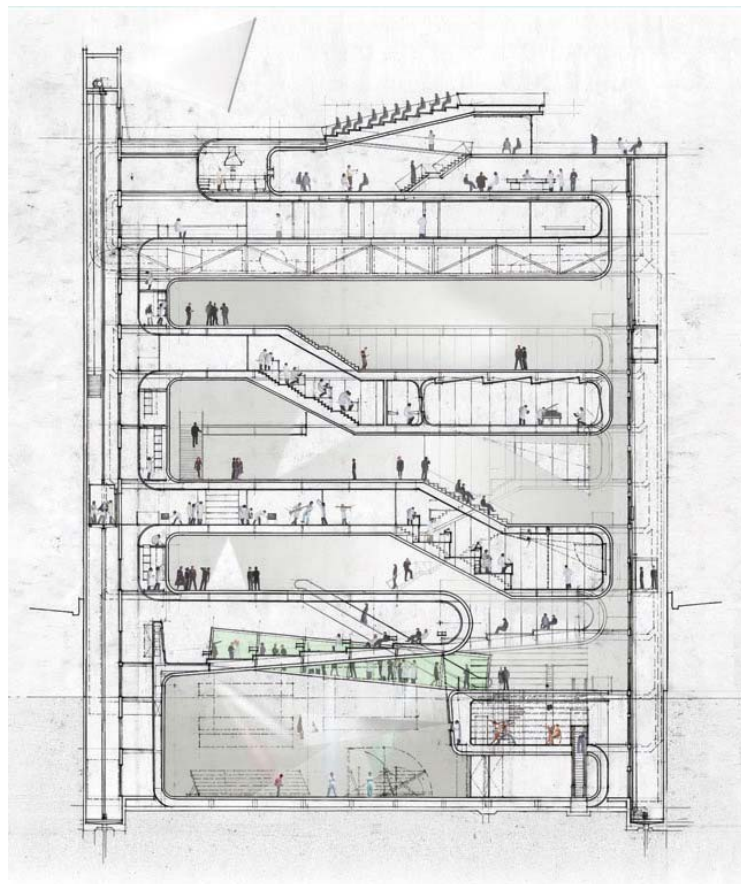
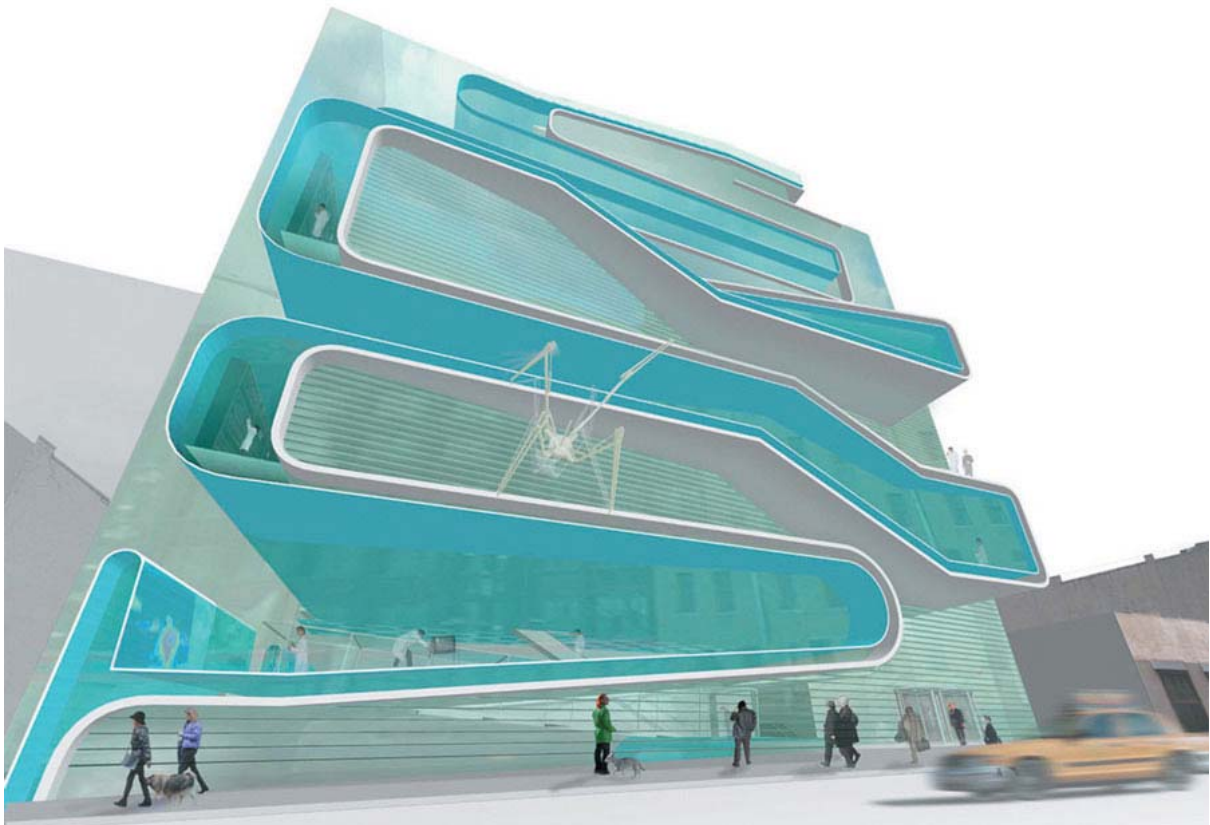
The master plan for The High Line, an elevated railroad spur stretching 1.45 miles along Manhattan's Westside, is inspired by the melancholic, unruly beauty of the ruin today where nature has reclaimed a once vital piece of urban infrastructure. The team retools this industrial conveyance into a postindustrial 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
- Ease if Access
- Multiple interactions of occupants at anytime and place
- Nature
 - Nature in building

Design Proposal