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Level 2 Design and Visual Communication 2024

91337 Use visual communication techniques to generate design ideas

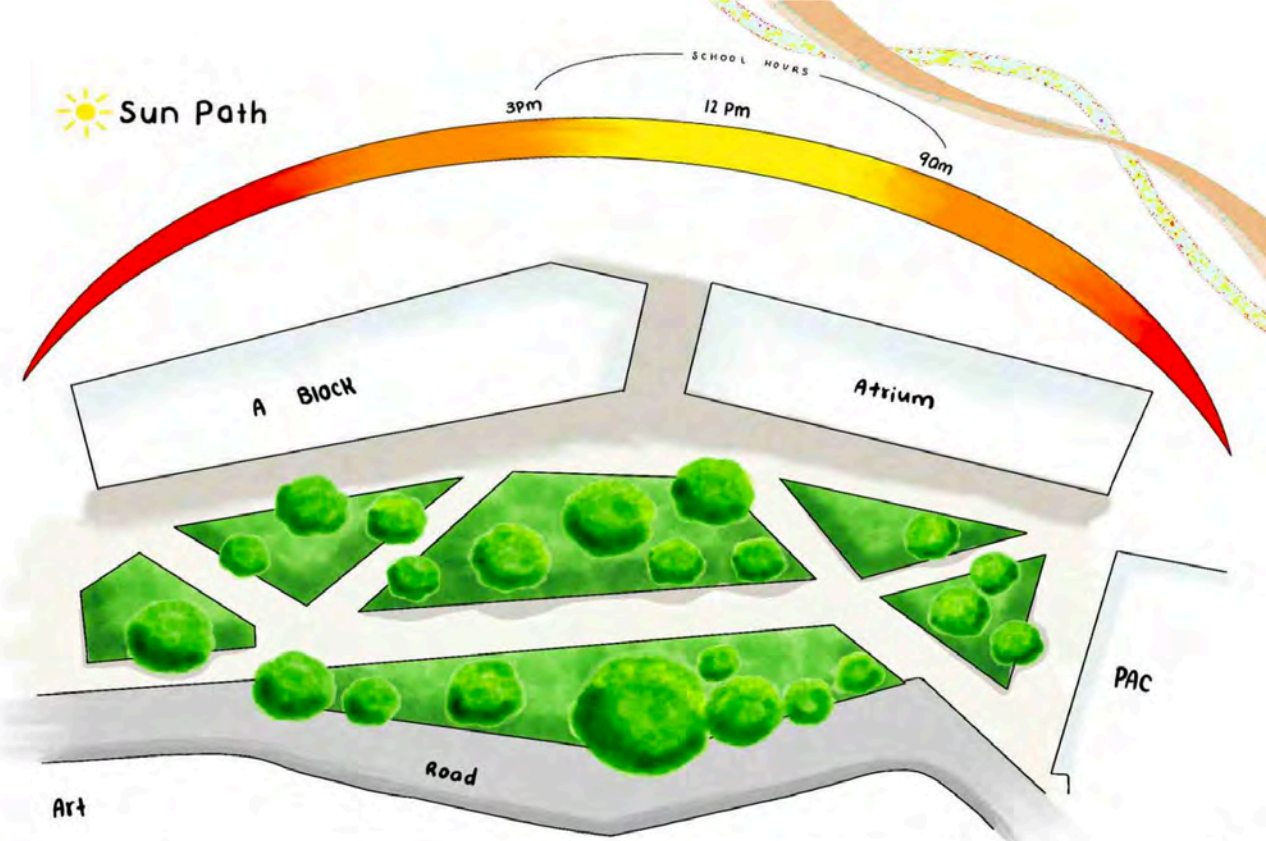
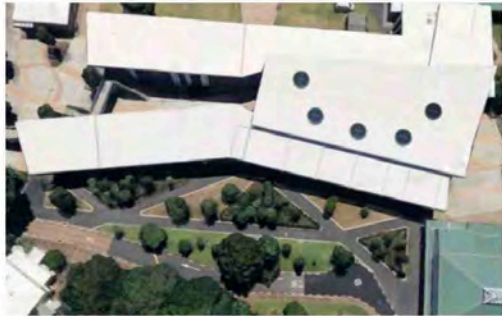
Excellence

TOTAL 07

Site Analysis

Site description

The site spans an area of 70 meters by 15 meters making it a significant green space within . The site is filled with natural elements, with nature flourishing all around. It features triangular sections covered with grass and trees creating an ecofriendly environment. It is located near several prominent buildings such as the Atrium and the Performing Arts Centre (PAC). The location also places it near the music, drama and art departments. The site is also conveniently situated near the college second gate, which provides easy access for vehicles. The driveway runs through to the site enhancing its accessibility. The combination of its location, natural elements and nearby departments suggests that the site isn't just a scenic spot but also a practical space.



Advantages of the site

1. The school site is located near the atrium, PAC and second gate which provides easy access for students, teachers and families. Additionally, being located near the art block is particularly beneficial as it allows students to easily transport and showcase their work making the site a natural extension of the creative activities.
2. The site receives a great deal of sunlight every day, which can significantly enhance both the exterior and interior aspects of the gallery located there., the natural light will illuminate the artwork displayed but also create an inviting and vibrant atmosphere for visitors. The consistent exposure to sunlight can help highlight the architectural features of the gallery, making it bright ad welcoming environment that draws in students and other members of the community.
3. The location is surrounded by nature which can help complete the gallery space. Th presence of greenery and natural elements can create a harmonious blend between the built environment and the landscape making the art gallery feel like a part of it's natural surroundings. This connection to nature can enhance the aesthetic appeal of the gallery, providing a tranquil and inspiring setting for both artists and visitors to enjoy.

Disadvantages of the site

1. The site is relatively large in terms of length, but it lacks significant width which presents certain design challenges. When planning the construction of my art gallery I have to design a building that accommodates the narrow space which could include designing a thinner structure the gallery fits the site.
2. The site isn't flat and not on found level. Before any construction can begin, the site would need to undergo significant preparation including filling and stabilising the land. This preparatory work is essential to create a suitable foundation for the art gallery ensuring that the building will be stable and secure. The additional effort and resources required for land preparation may impact the overall timeline and cost of the project.
3. The presence of trees on the site poses an environmental concern, as many would need to be removed to make space for the gallery. The removal of trees can have a negative impact on the environment. Balancing the needs of the gallery with environmental considerations will be key to creating a sustainable and responsible development.



Explorative 1

THE STARS, SUNS OF THE INFINITE

If the stars appear motionless to us, it is because they are so remote, their secular movements being only manifested on the celestial sphere by imperceptible movements. But in reality these suns are in constant commotion in the abysses of the Heavens, which are then with an extraordinary animation.

perpetual and circulatory motions must be ascertained by the aid of the telescope.



Explorative 2



Explorative 3

THE CONSTELLATIONS

The belt of stars represent animals. The belt is divided into twelve parts that are called the twelve signs of the Zodiac, also named by the ancients the "houses of the Sun," since the Sun visits one of them every month. These are the signs, with the primitive symbols that distinguish them: the Ram ♈, the Twins ♊, the Crab ♋, the Lion ♌, the Balance ♎, the Scorpion ♏, the Archer ♐, the Water-Carrier ♑, the Fishes ♓. The horns of the Ram, ♈ the head of

me into the Houses of the Sun



well read
man is a
dangerous
creature

ars who listen
dreams that are

were full of
perhaps the most
and powerful of
s"

nothing of equal
e"

ot be better than
will become so
se

"To the world she is formidable
To me? She is the world"

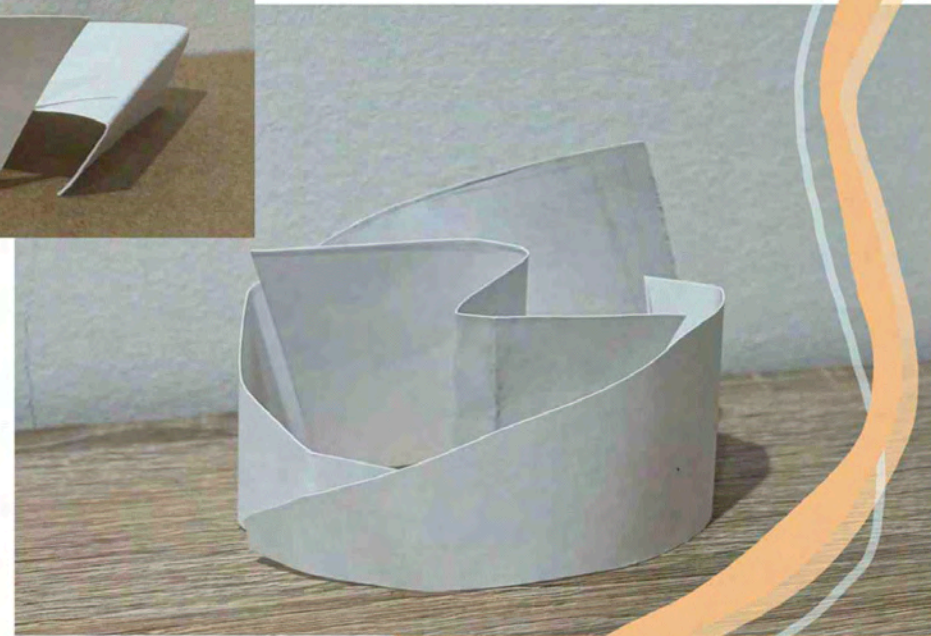
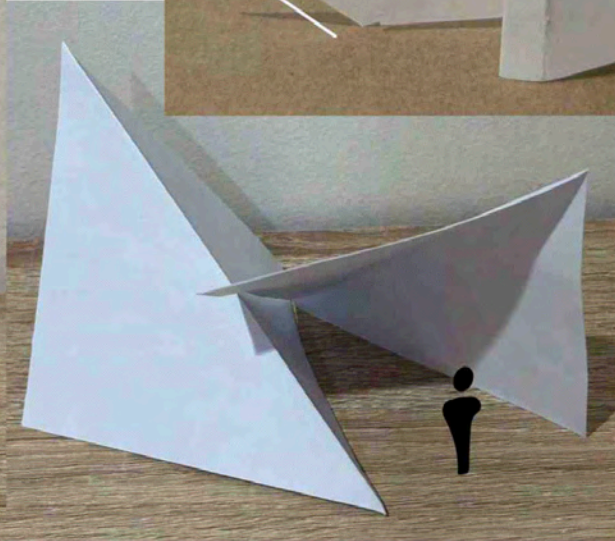
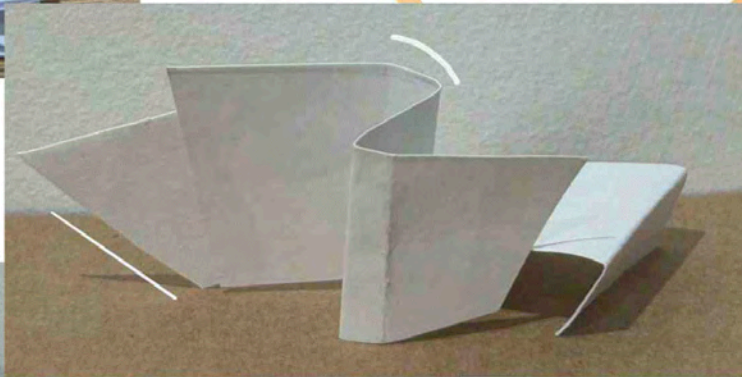
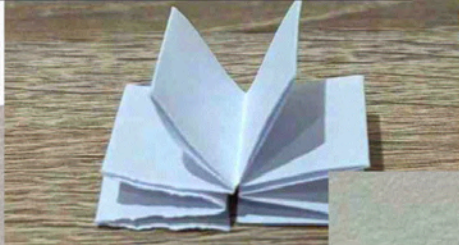
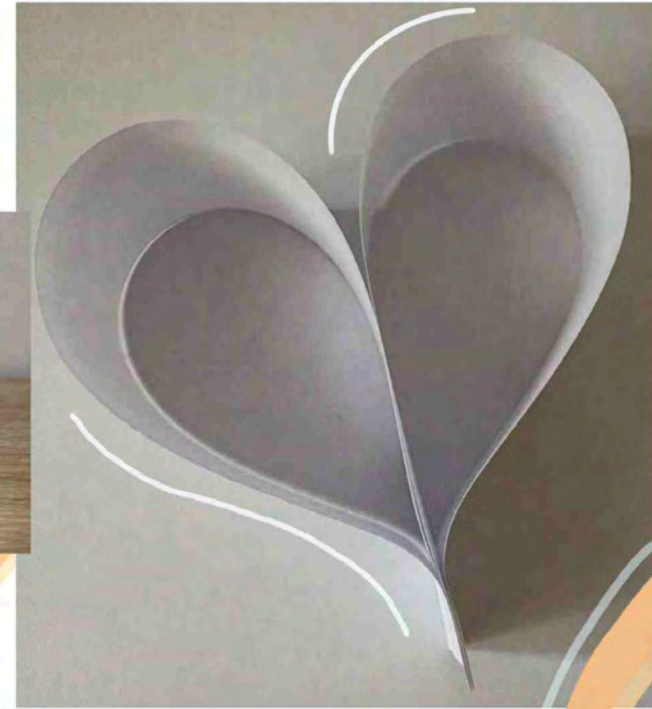
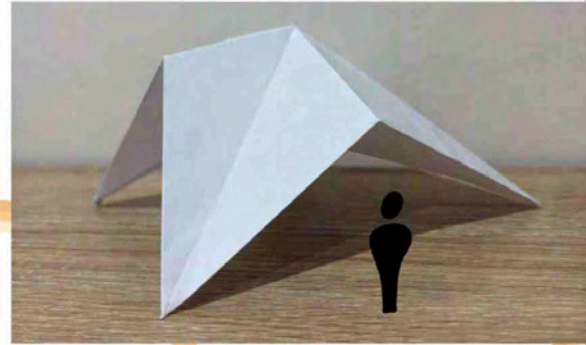
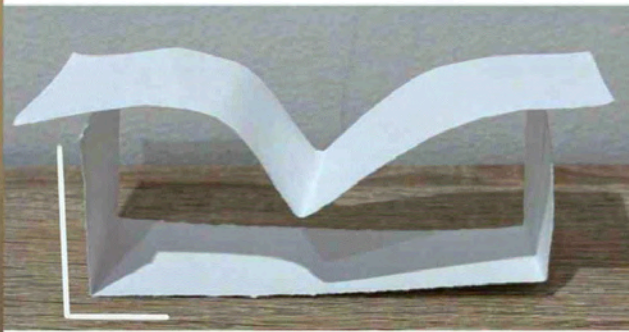
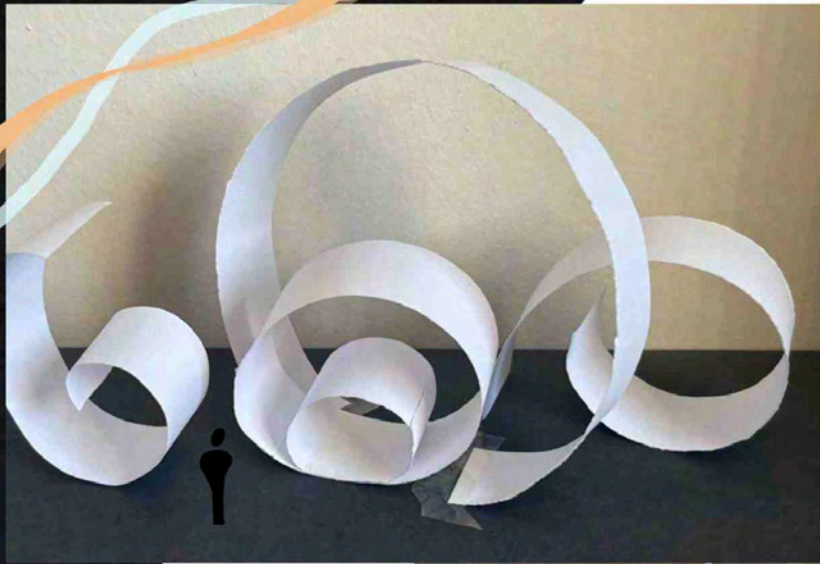
"I would happily watch the
world go up in flames if
anything"

"I have lived a thousand lives and I have
loved a thousand loves. I've walked on
distant worlds and seen the end of time
Because I read."

"A reader lives a thousand lives before
dies"

"A book is a film that
of a reader
and says"

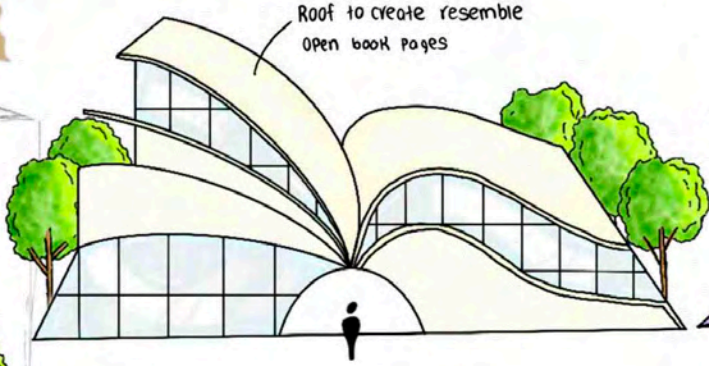
Explorative 4



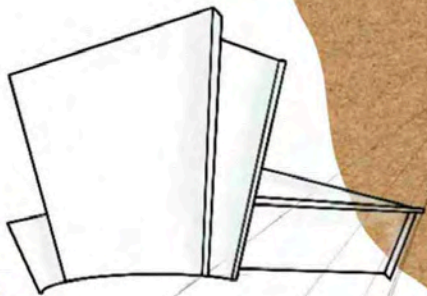
Ideation



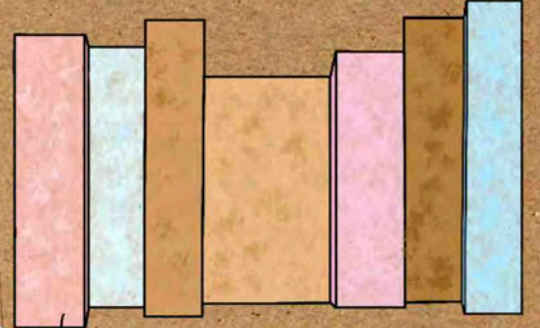
Domino effect?



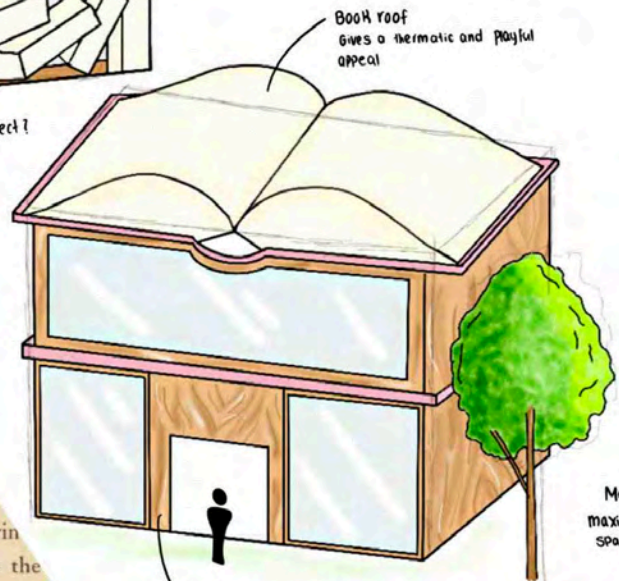
Roof to create resemble open book pages



Creative architectural form

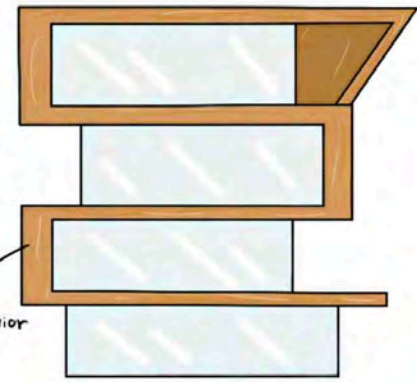
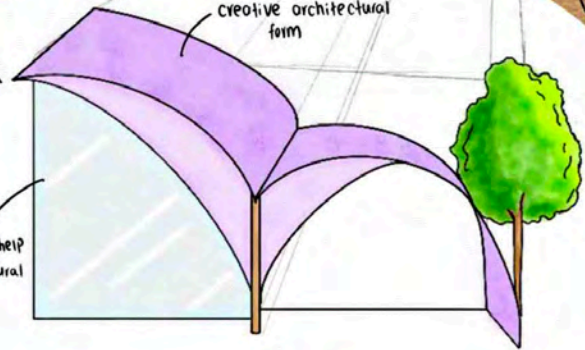


Combining rectangles?

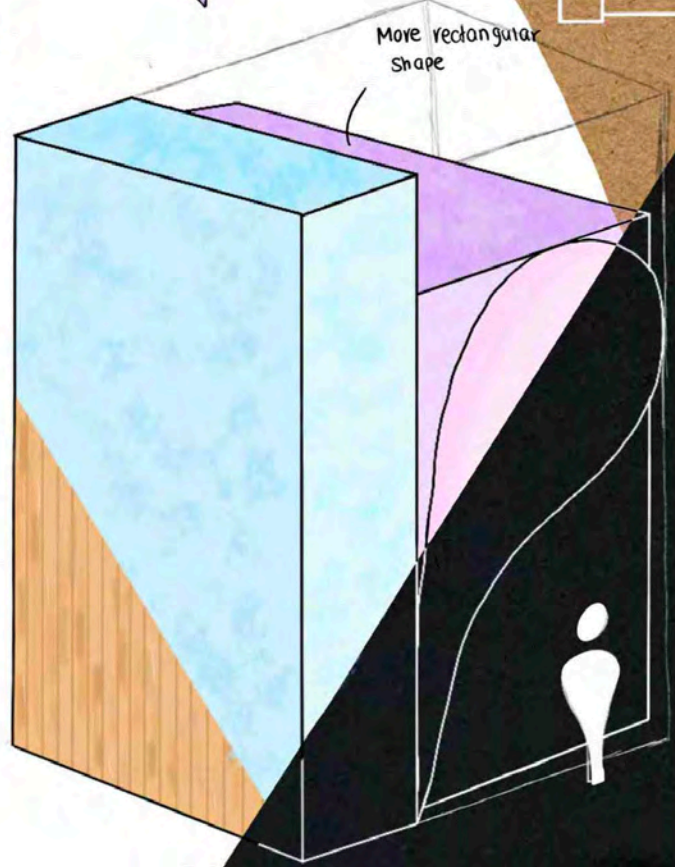


Book roof gives a thematic and playful appeal

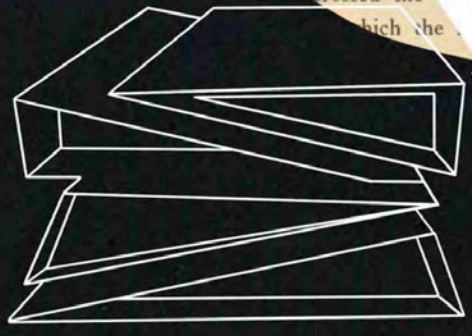
Curved building can help building blend into natural surroundings



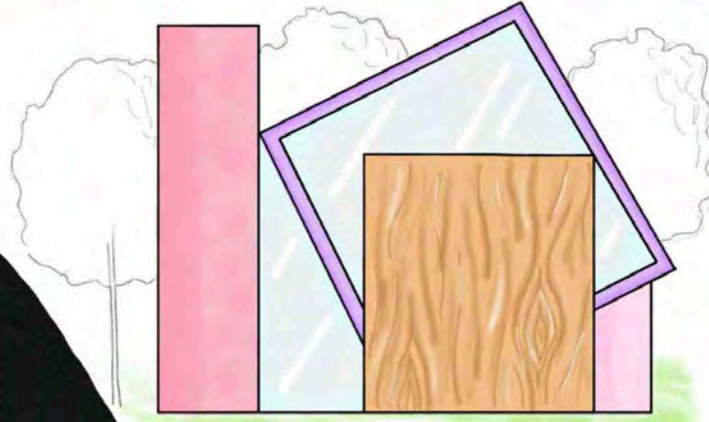
May not maximise interior space



More rectangular shape



Playing with triangles



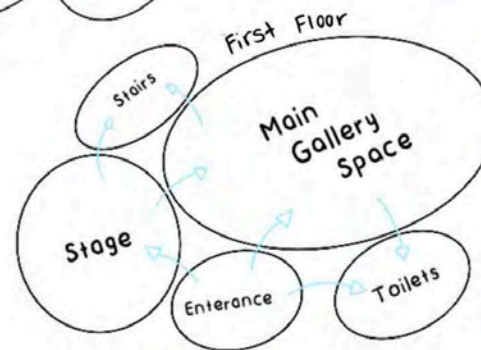
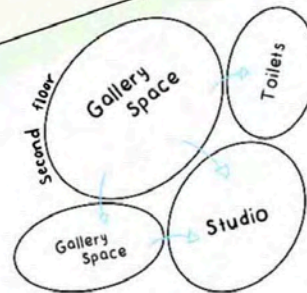
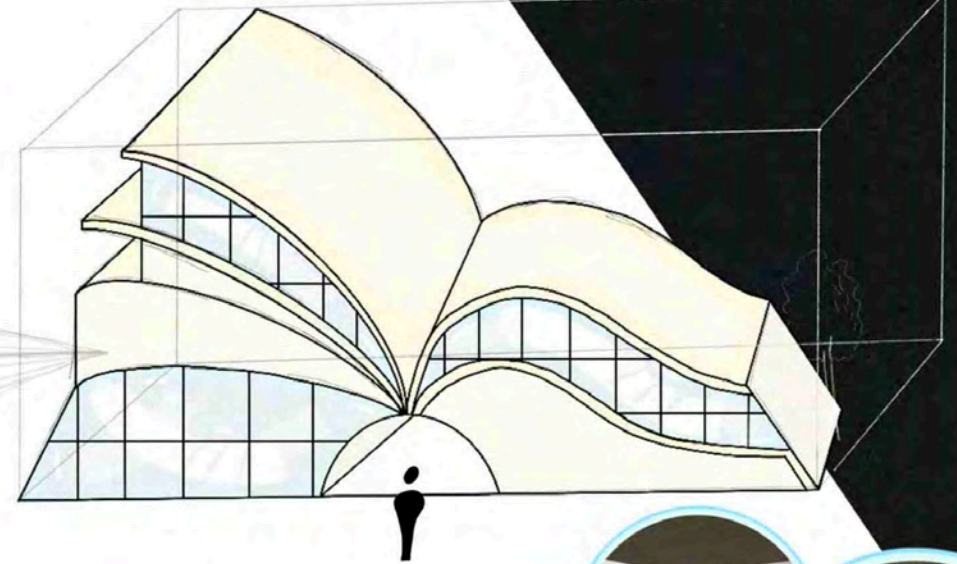
Concept 1



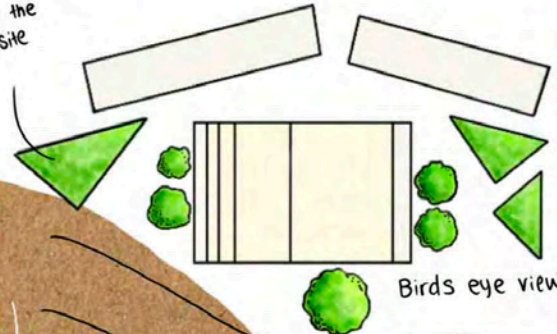
concrete



glass

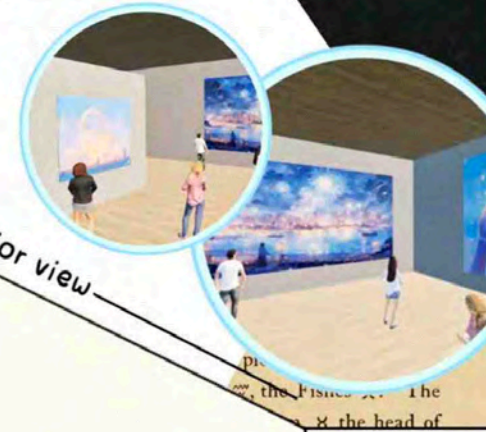


on the site



Birds eye view

I like the inspiration from an open book



Interior view



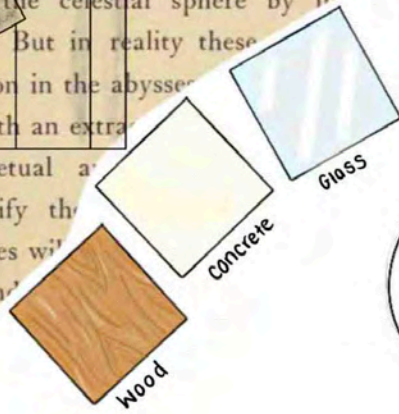
Variations
-through CAD



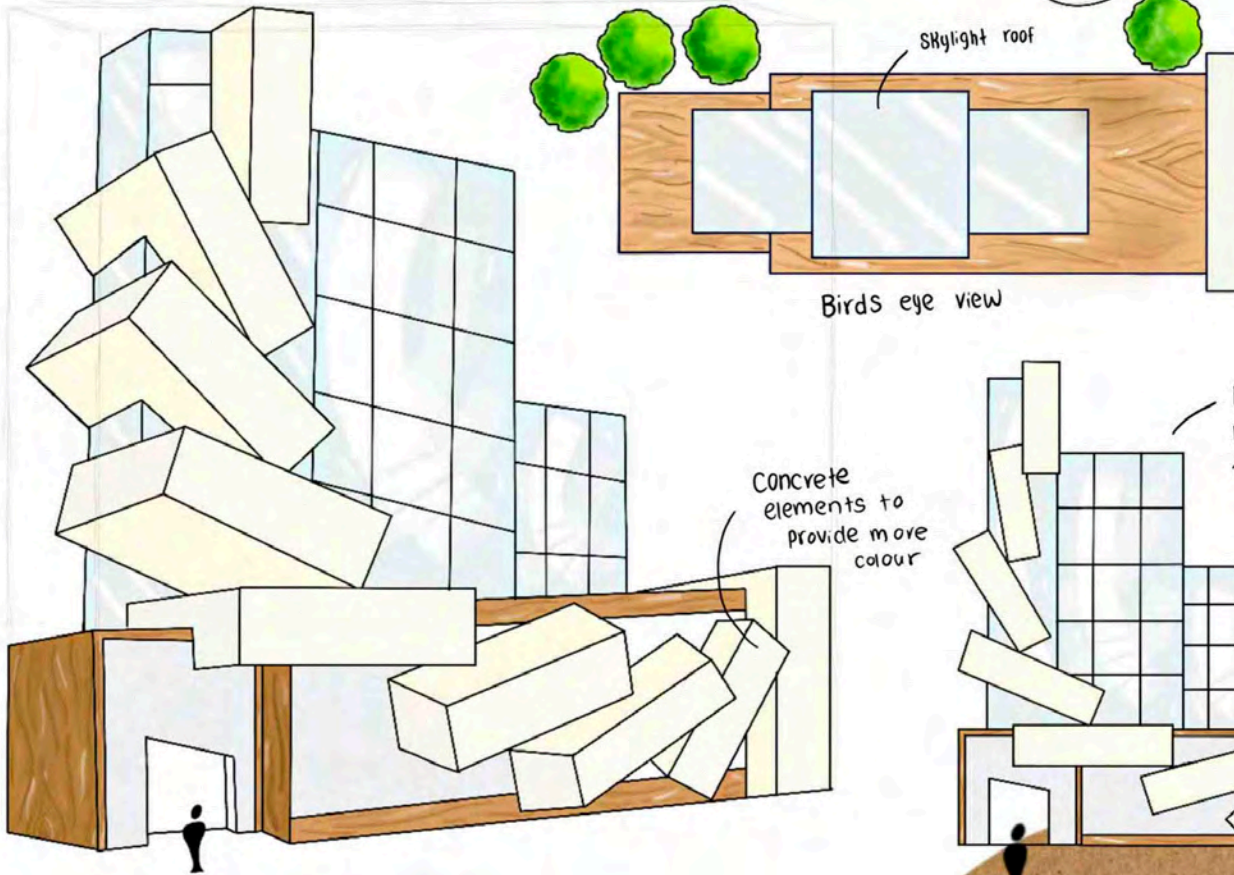
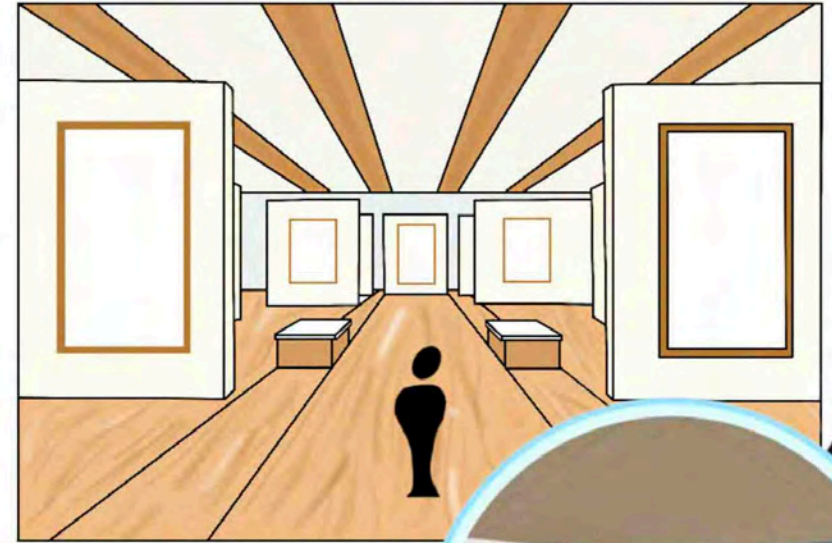
THE STARS, SUNS OF THE INFINITE

If the stars appear motionless to us, it is because they are so remote, their secular movements being manifested on the celestial sphere by insignificant displacements. But in reality these stars are in perpetual commotion in the abysses of space, and they quicken with an extraordinary motion.

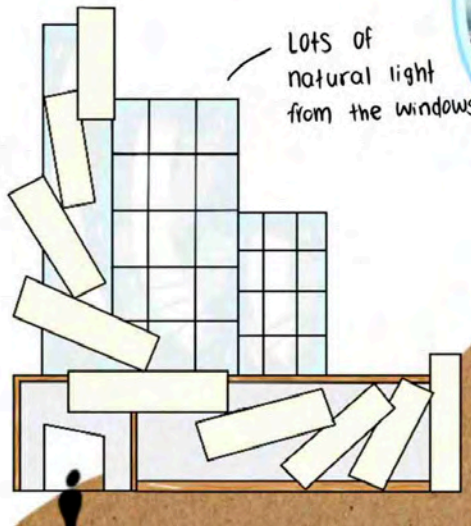
These perpetual and irregular motions will eventually modify the positions of the stars, but these changes will not be perceptible for thousands and thousands of years, and heroines places in the sky.



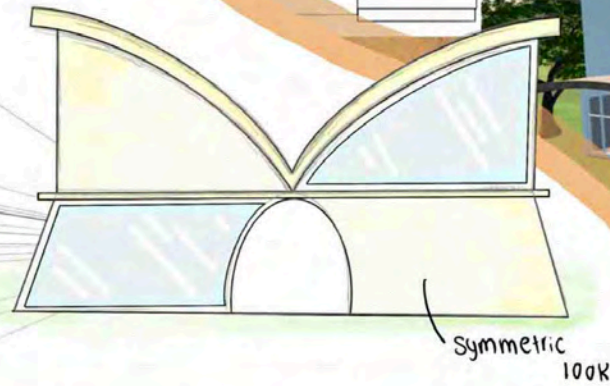
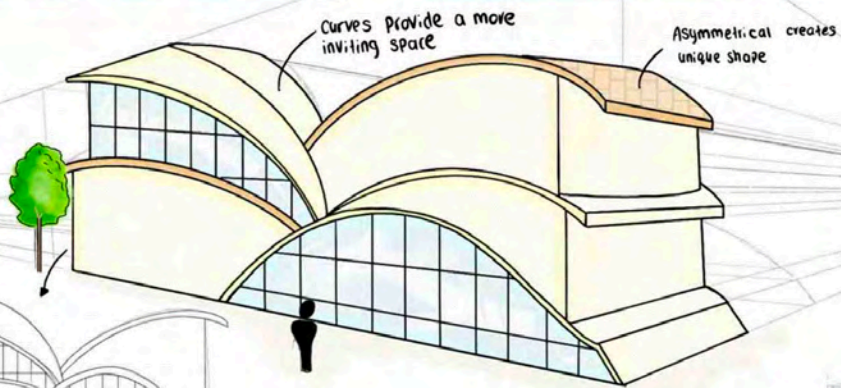
Concept 2



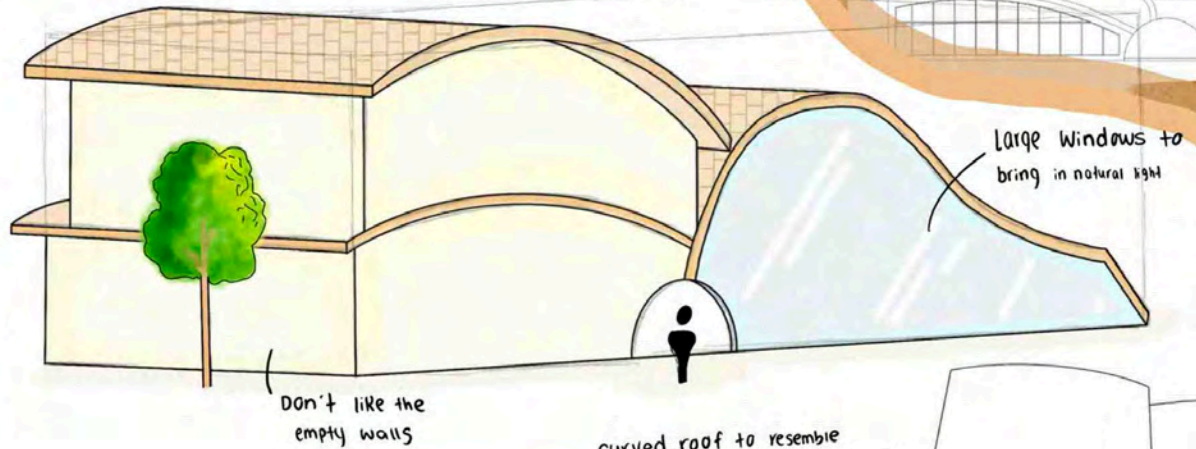
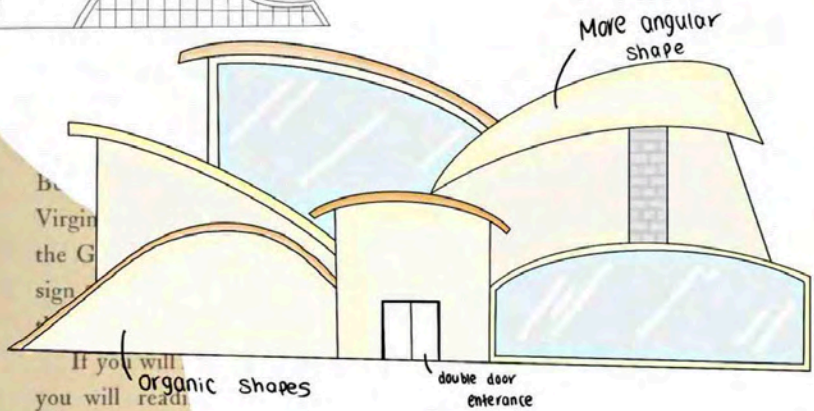
Twinmotion



Development 1

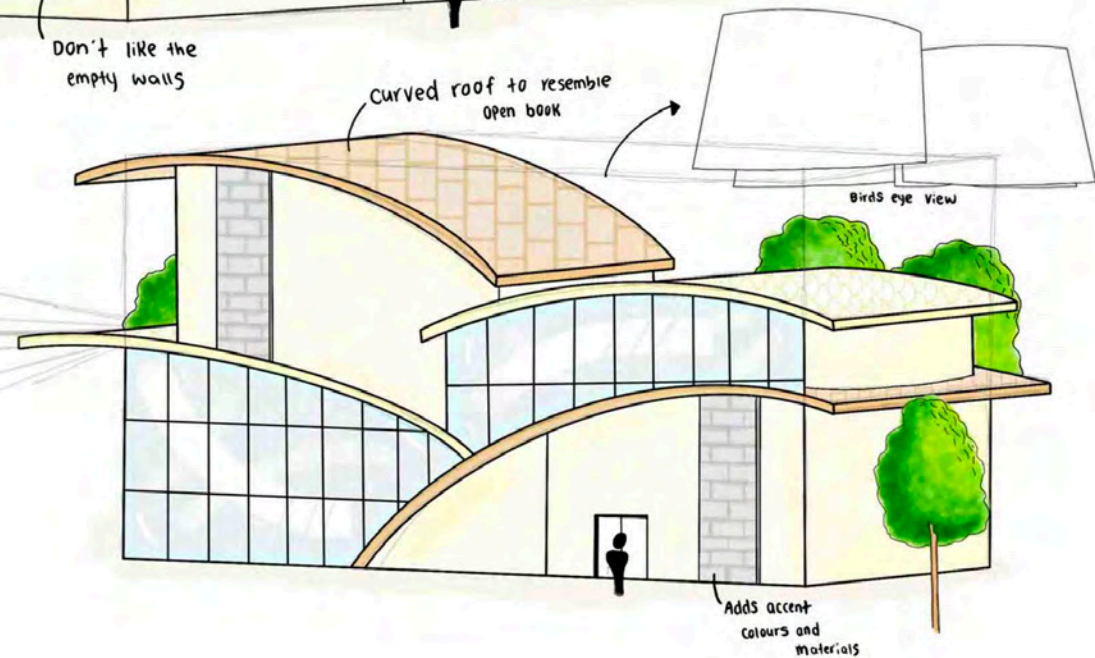
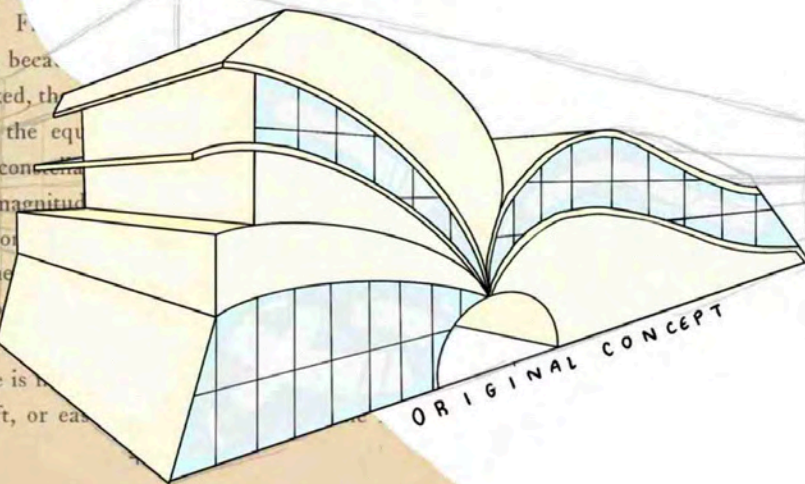


CAD Design



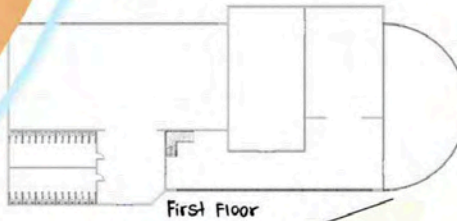
Organic shapes

If you will read the book you will read the book have a clear picture of the Virgin the G sign of the Zodiac; because the Zodiac was fixed, the equinox, and the equinox point. This constellation is the Ram (third magnitude) between Andromeda and the years ago, the spring; but of the session of the March 21: he is the To the left, or east

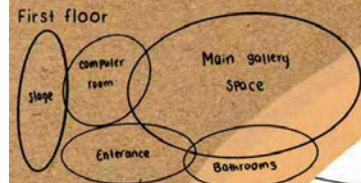


Development 2

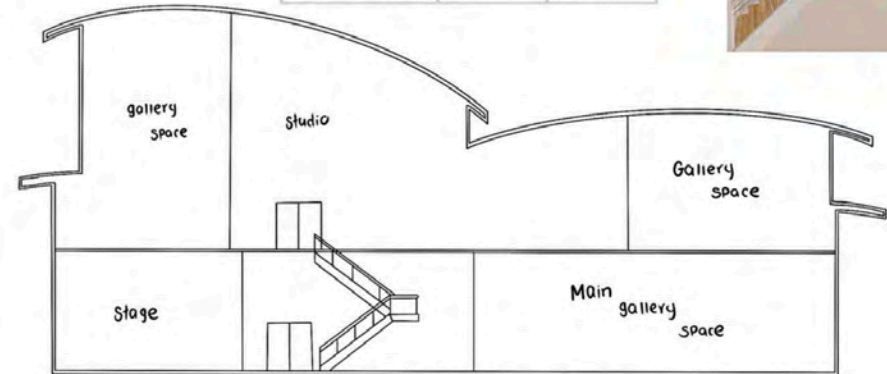
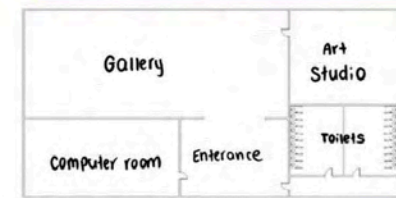
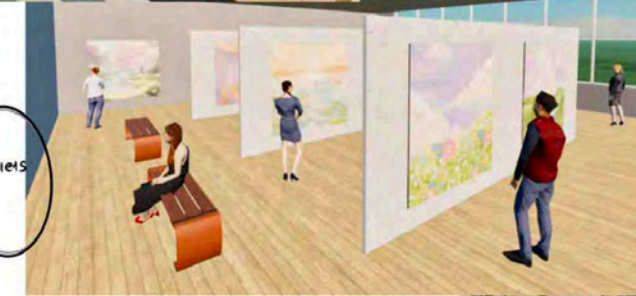
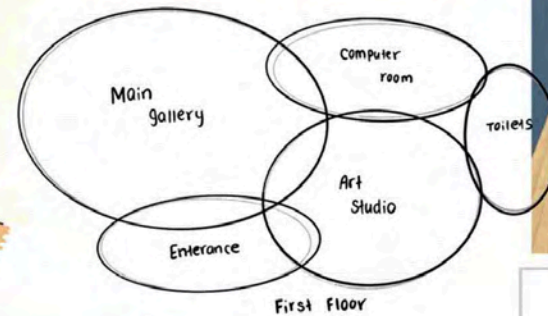
Revit Floor Plans



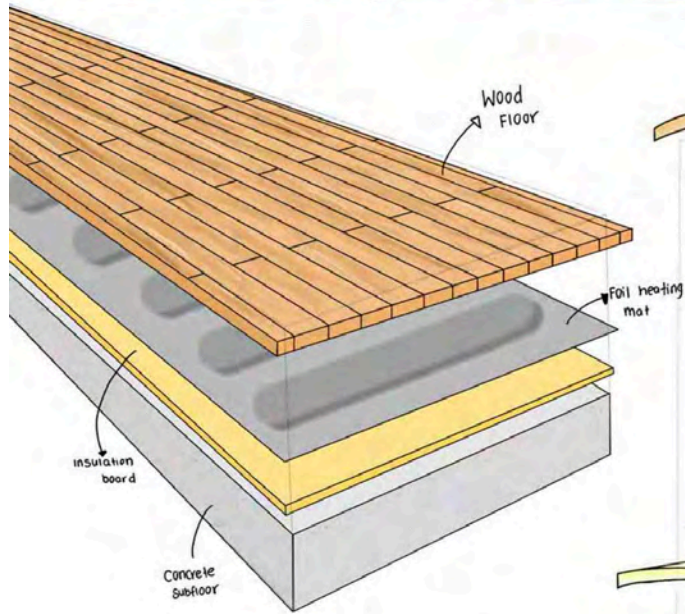
Gallery space with lots of open space to walk around and admire the art



The decor and art provides an inviting and welcoming atmosphere for visitors



Development 3



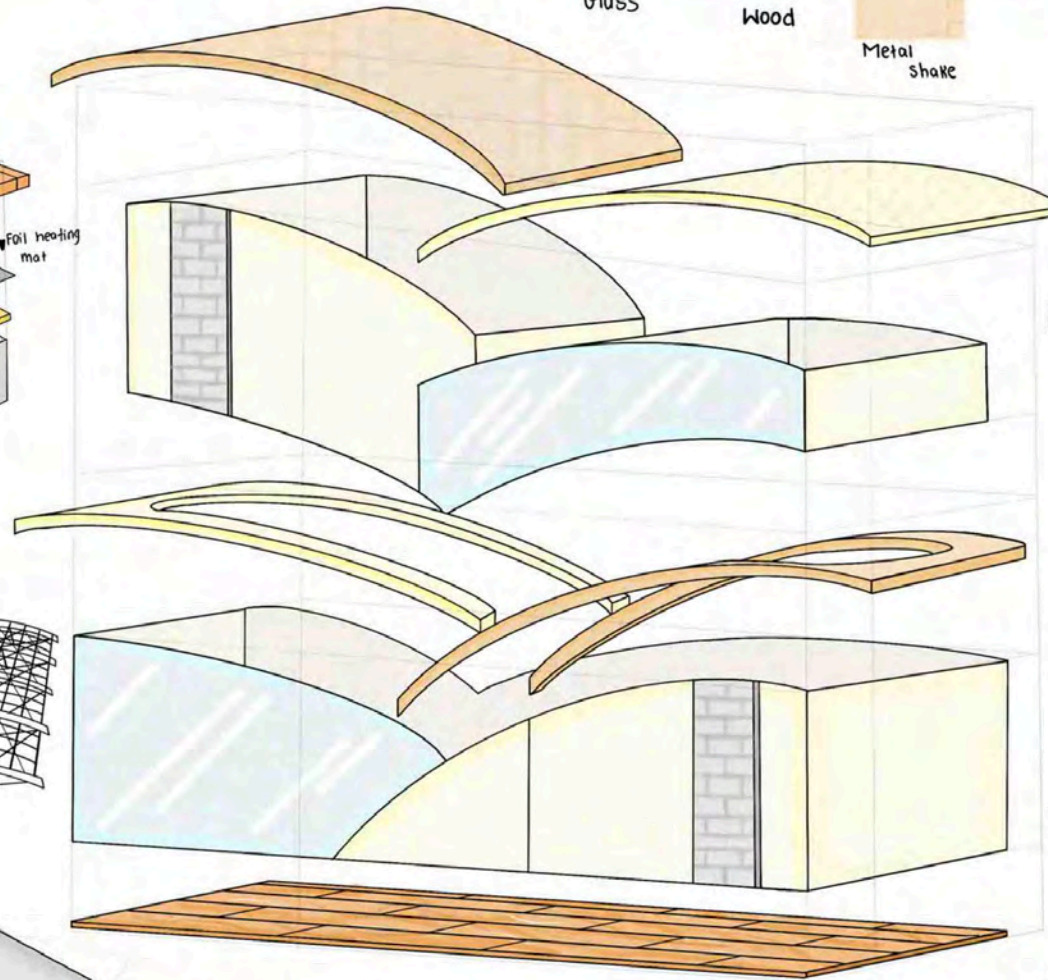
Concrete

Concrete Tile

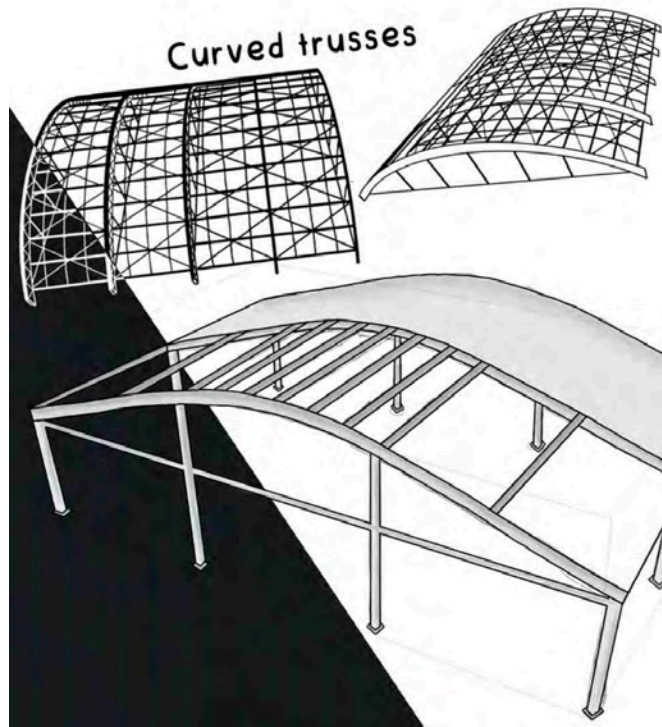
Glass

Wood

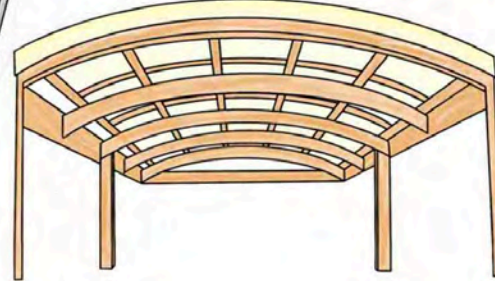
Metal
Shake



Curved trusses



Roof framing



Metal
Roof

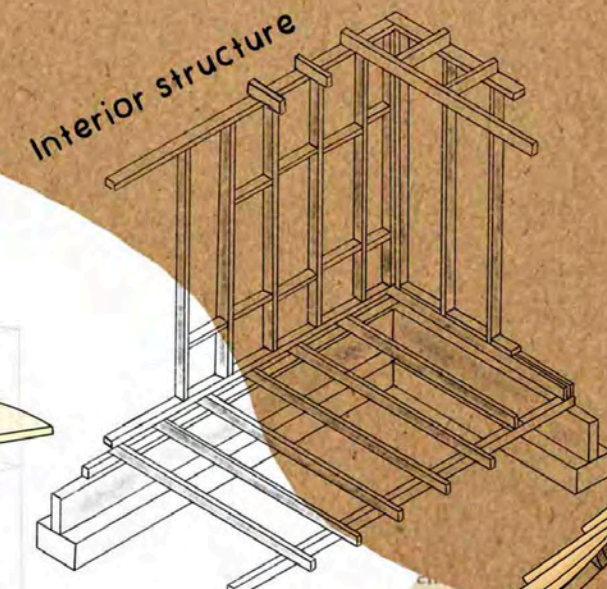
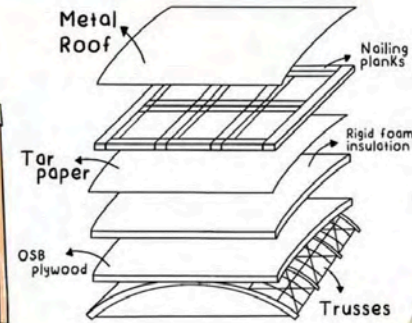
Tar
paper

OSB
plywood

Nailing
planks

Rigid foam
insulation

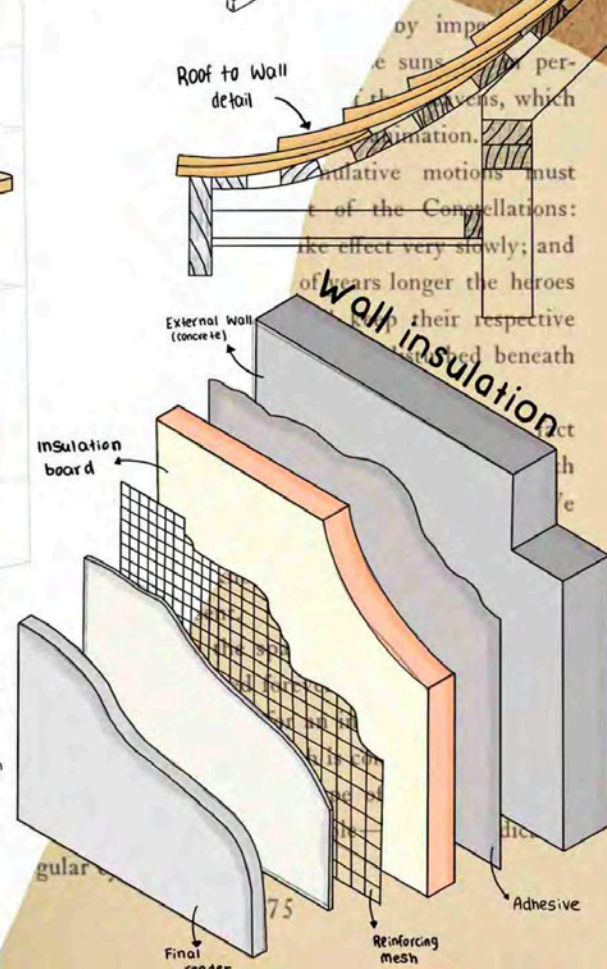
Trusses



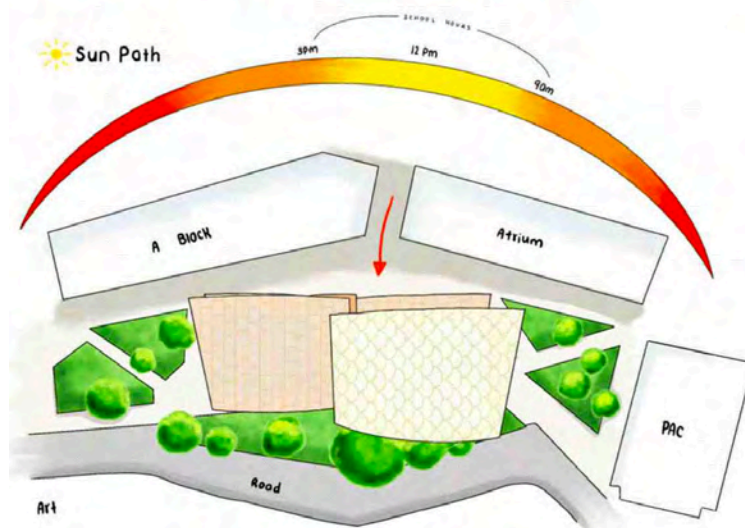
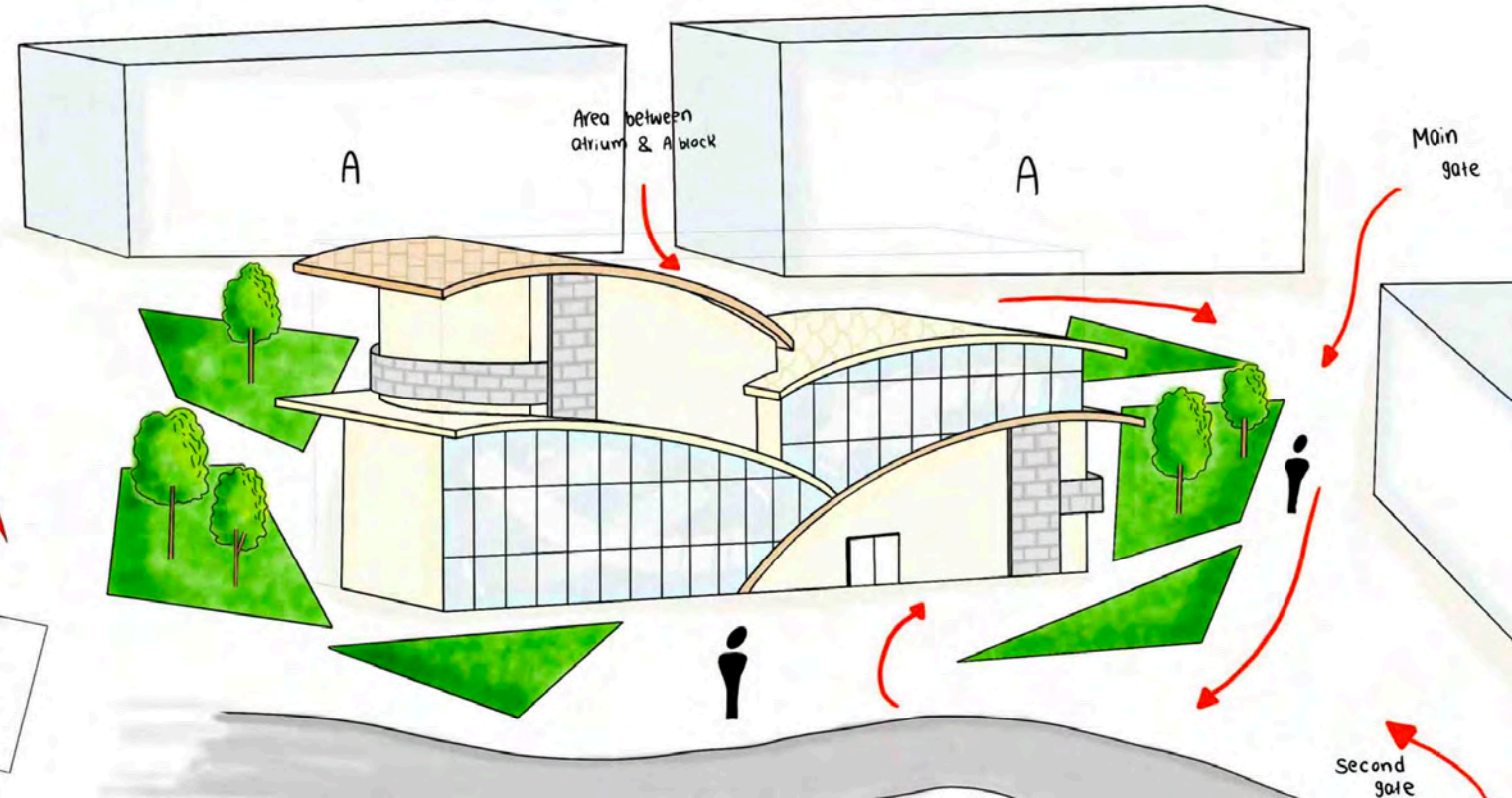
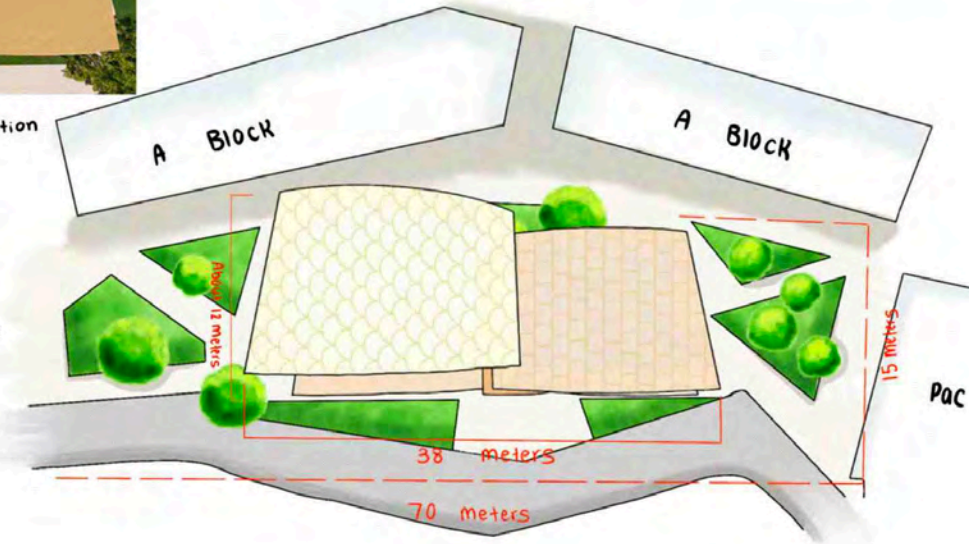
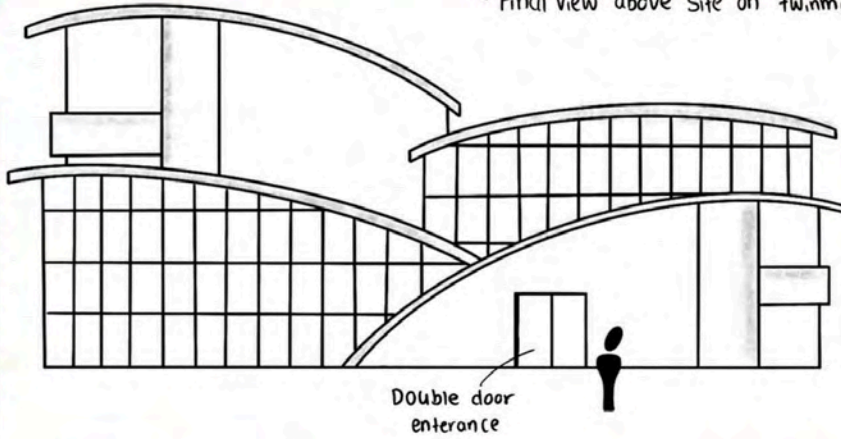
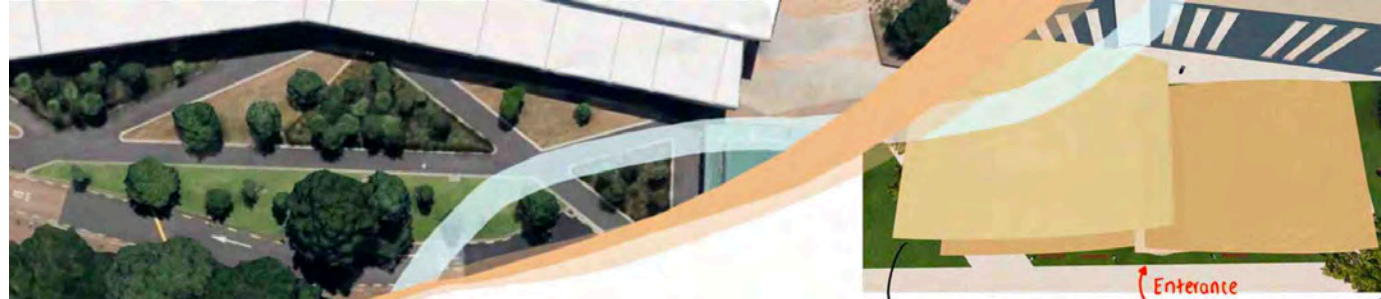
Roof to Wall
detail

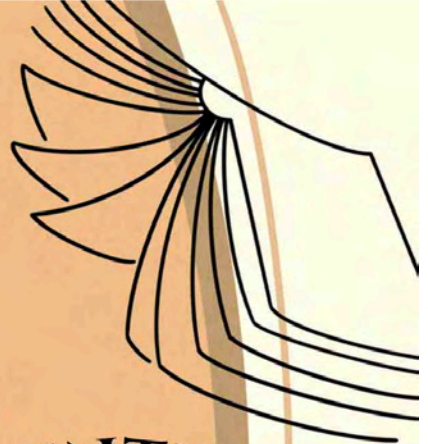
External Wall
(concrete)

Wall insulation



Development 4





INTERIORS



ART GALLERY



ART STUDIO



THEATRE

GALLERY SPACE

This gallery allows Students to showcase their projects to the school and community. It features a main gallery, two smaller galleries, a theatre and a computer room to showcase a variety of different work. It also includes 4 bathrooms – 2 males and 2 females.

The gallery is inspired by an open book using white, brown and off-white to resemble book pages and help make the projects stand out. Large glass windows bring in natural light creating a warm and inviting atmosphere. The curved roofs add a sense of movement, contrasting with rigid designs, while the outdoor areas emphasise harmony with nature, offering spaces for relaxation and reinforcing the gallery's connection to the site.

I believe the design can be improved by ensuring all levels and areas, Both in and outside are accessible to people with disabilities. I could also include more of a variety of different materials for greater visual appeal such as wood or natural stone instead of just concrete.

MATERIALS



Roof Covering 02



Reflective Glass



Base Context

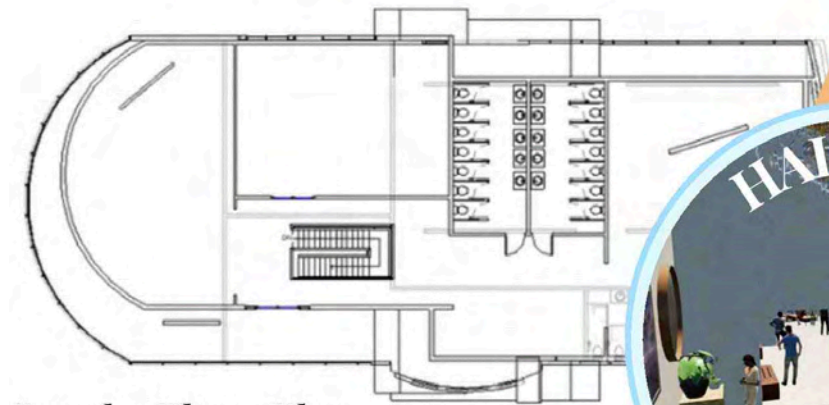


EXTERIORS

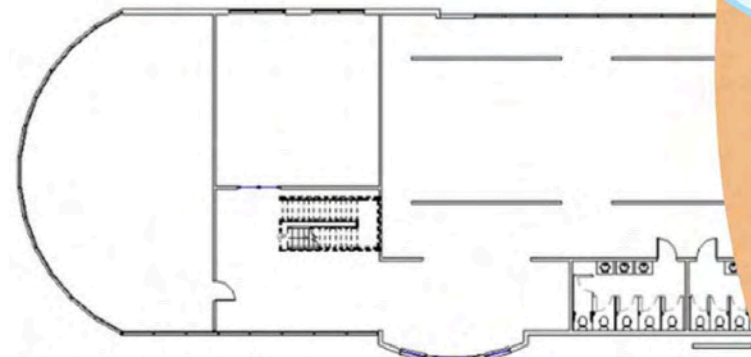


The interiors are designed to incorporate plants and provide lots of space for students to showcase their work

HALLWAY



Level 2 Floor Plan



Level 1 Floor Plan



Excellence

Subject: Design and Visual Communication

Standard: 91337

Total score: 07

Grade score	Marker commentary
E7	<p>The inspiration for the design ideas comes from the ideas explored from books. These ideas have been further extended through paper models and sketches to create a range of divergent design ideas. The use of the inspiration is continued in the development to extend the design of the exterior.</p> <p>At each stage of the process the candidate explores the functional and aesthetic qualities of the design through the use of bubble diagrams, interior perspectives, and human forms. Construction ideas are communicated through details and close ups, and the functional use of the space is communicated using populated 3D views. Aesthetic considerations are shown with both CAD and sketching and are used to indicate colour and materiality.</p> <p>The submission is informative and easy for the viewer to follow and understand.</p>