

# Three-Dimensional Design

## Standard Mark – 54

	A01	A02	A03	A04	Total
Mark	13	14	14	13	54
Level	5	5	5	5	
	Just confident and assured ability	Mostly confident and assured ability	Mostly confident and assured ability	Just confident and assured ability	

### Keyword descriptors from the taxonomy:

Comprehensive      Refined  
 Focused              Resolved  
 Perceptive

### Examiner comments:

- There is comprehensive evidence of a confident and assured ability within the development of ideas across the projects.
- The candidate shows a focused understanding of appropriate processes, materials and construction techniques, using models and working drawings to develop ideas.
- Within investigations, perceptive observations and connections are made, supported by a confident use of critical language within integrated annotation.
- Ideas are refined through exploring the creative potential of combining and manipulating two-dimensional and three-dimensional materials and media.
- Exciting and resolved realisations demonstrate a confident and assured understanding of the formal elements of light, space, form, scale and proportion.

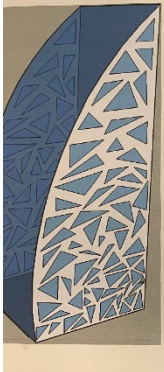






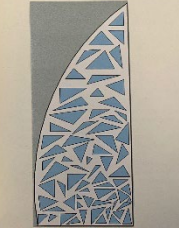


## Initial Idea 5



This building was inspired by this hotel in Dubai. I liked the smooth 'D' shape and wanted to incorporate that in my final idea. The roof of windows on the side of the building was used to create some shaped windows in this idea. The 'D' shape of the building has made it seem very modern, so not many buildings seem to have this shape. The formal elements used are shape, texture and pattern. This building also has a curved facade, which gives it a unique look. I used a 'D' shape pattern on the window and facade. This makes it look abstract and detailed aesthetic.

This building has a smooth 'D' shape, giving it a modern and unique look. It also uses the sides of triangular windows, which are very light and airy. It has a very geometric, lattice-like pattern on the facade, which gives it a unique look. The building has a curved facade, which gives it a unique look. The formal elements used are shape, texture and pattern. This building also has a curved facade, which gives it a unique look. I used a 'D' shape pattern on the window and facade. This makes it look abstract and detailed aesthetic.



## Initial Idea 6



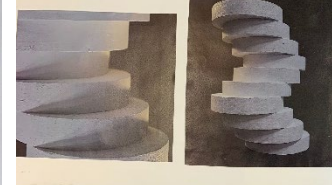
This building is very smooth, fluid and organic. It consists of two heagans shaped shapes, stacked on top of each other. What I like about this is the smooth edges and concave shape. The tall slender form of the building gives the impression that it is taller than it actually is. This building will stand out among other buildings due to its unique concave shape. The flat circle at the top makes it seem more modern and feel as though if I added anything to the top, it would be too much and ruin the organic and concave shape of this building. The formal elements used are shape, texture and form. It uses shape as it consists of two heagans shaped shapes on top of each other, which makes it look curvy and organic. It uses texture, as these shapes are very smooth and curvy, which gives it a soft and smooth feeling, which makes it look more modern and unique. This makes it stand out from its surroundings. It uses form, as the form of the building is the two heagans shaped shapes balanced on top of each other. This makes it look crafted and organic.

This building was inspired by this smooth building and is heagans. This building consists of many heagans all joined together to make a smooth and organic, heagans shaped building. What I like about this building is that it goes from a width, then into a smaller width, and then back to its original width (an heagans shape) as it makes it look very modern and smooth. A thing that would change would be to add windows, as I prefer building with lots of glass, and it illuminates the building and makes it seem more open. The formal elements used here are shape, texture and form. A concave shape as it only uses heagans joined together to make this building. This makes it look very geometric and symmetrical. It also uses texture as the heagans are made out of metal which has a very smooth texture. This makes it very sleek and smooth, which gives it a modern look. It uses form as all of the heagans form together to make the smooth building. This makes it very futuristic and organic.



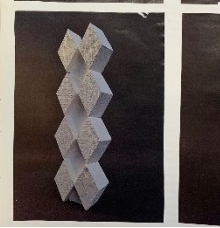
## Extending ideas through Maquette's

### Maquette 1



This maquette is a model of the building. It is made of white, curved, layered blocks. The blocks are stacked on top of each other, creating a smooth, curved surface. The blocks are arranged in a way that they look like they are part of a larger, continuous form. The maquette is a good representation of the building's form and texture. It is a simple but effective way to show the building's design.

### Maquette 2

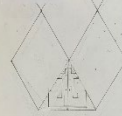


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## Door designs

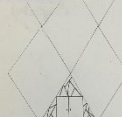


### Idea 1



This door design is inspired by the building's facade. It features a circular window and a decorative archway. The door is made of wood and has a smooth, curved surface. The circular window is a key feature, as it is a unique shape and adds to the building's aesthetic. The archway is also a key feature, as it is a classic architectural element that adds to the door's design.

### Idea 2



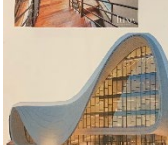
This door is based on one of Zaha Hadid's buildings. It is a modern, curved door with a circular window. The door is made of wood and has a smooth, curved surface. The circular window is a key feature, as it is a unique shape and adds to the building's aesthetic. The archway is also a key feature, as it is a classic architectural element that adds to the door's design.

### Idea 3



This door was inspired by the building's facade. It features a circular window and a decorative archway. The door is made of wood and has a smooth, curved surface. The circular window is a key feature, as it is a unique shape and adds to the building's aesthetic. The archway is also a key feature, as it is a classic architectural element that adds to the door's design.

## Window designs

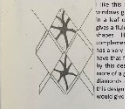


### Idea 1



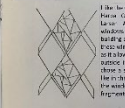
This window design is inspired by the building's facade. It features a colorful, multi-colored glass pattern. The window is made of glass and has a smooth, curved surface. The colorful glass is a key feature, as it is a unique shape and adds to the building's aesthetic. The curved surface is also a key feature, as it is a classic architectural element that adds to the window's design.

### Idea 2



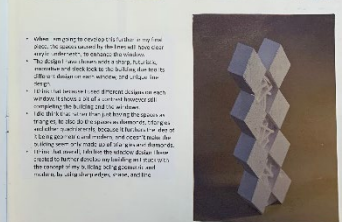
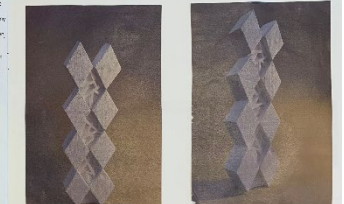
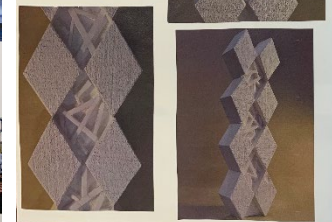
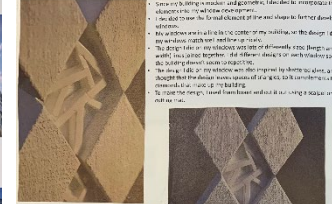
This window is based on one of Zaha Hadid's buildings. It is a modern, curved window with a colorful, multi-colored glass pattern. The window is made of glass and has a smooth, curved surface. The colorful glass is a key feature, as it is a unique shape and adds to the building's aesthetic. The curved surface is also a key feature, as it is a classic architectural element that adds to the window's design.

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## Window Development



This window development is a model of the window. It is made of white, curved, layered blocks. The blocks are stacked on top of each other, creating a smooth, curved surface. The blocks are arranged in a way that they look like they are part of a larger, continuous form. The window development is a good representation of the window's form and texture. It is a simple but effective way to show the window's design.

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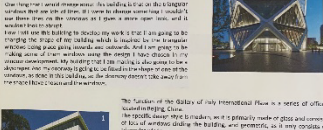
## Further Development: Linking Personal Ideas to the Work of Others

The Poly International Plaza in Beijing, China, designed by Foster + Partners, is a prime example of a building that links personal ideas to the work of others. The building's design is a blend of traditional Chinese architecture and modern architectural techniques. The building's facade is a complex, multi-layered structure that allows for natural ventilation and provides a unique aesthetic. The building's design is a blend of traditional Chinese architecture and modern architectural techniques.



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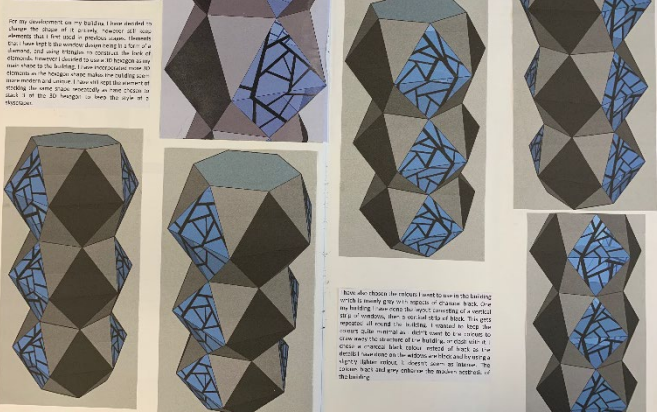
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## Further Development

### Perspectives:

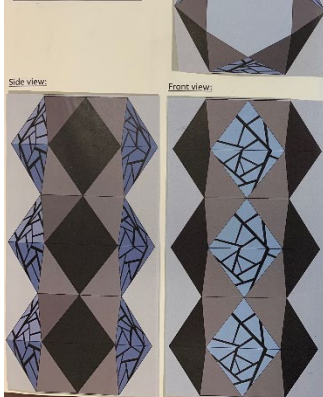


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## Orthographic Projections:

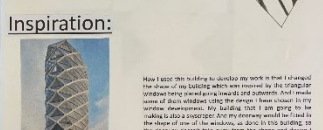


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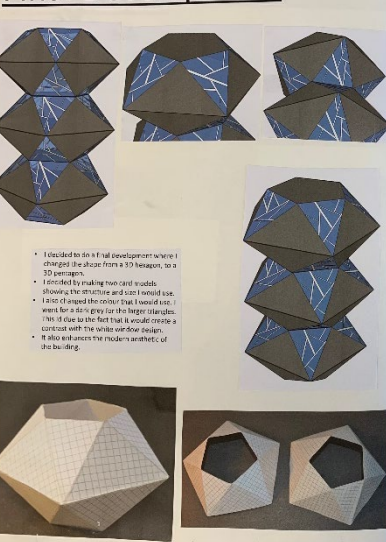
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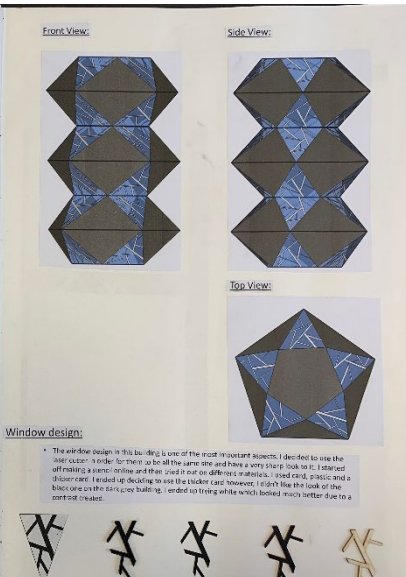


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## Final Development



- I decided to do a final development where I changed the facade from a 3D hexagon, to a 2D hexagon.
- I decided to make two card models showing the structure and cost involved.
- I also changed the color from a dark grey to a light grey for the larger structure.
- It is due to the fact that it would create a contrast with the white window design.
- It also enhances the modern aesthetic of the building.



The window design in this building is one of the most important aspects I decided to use the same color, in order to create a sense of unity and to make the building look more cohesive. I decided to use a dark grey color for the window design, as it would create a contrast with the white window design. I also decided to use a light grey color for the larger structure, as it would create a contrast with the white window design. I also decided to use a light grey color for the larger structure, as it would create a contrast with the white window design.

## Final Piece



In this piece, I wanted to create a very modern and geometric building. I wanted to use a dark grey color for the window design, as it would create a contrast with the white window design. I also decided to use a light grey color for the larger structure, as it would create a contrast with the white window design. I also decided to use a light grey color for the larger structure, as it would create a contrast with the white window design.

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