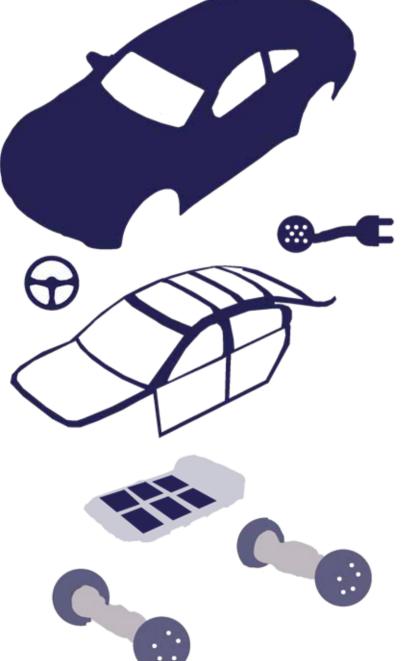


Infographic to explain the growing electric car industry.



This exhibition focuses on the deteriorating natural environment and how implementing lifestyle changes such as the use of electric cars can affect people.

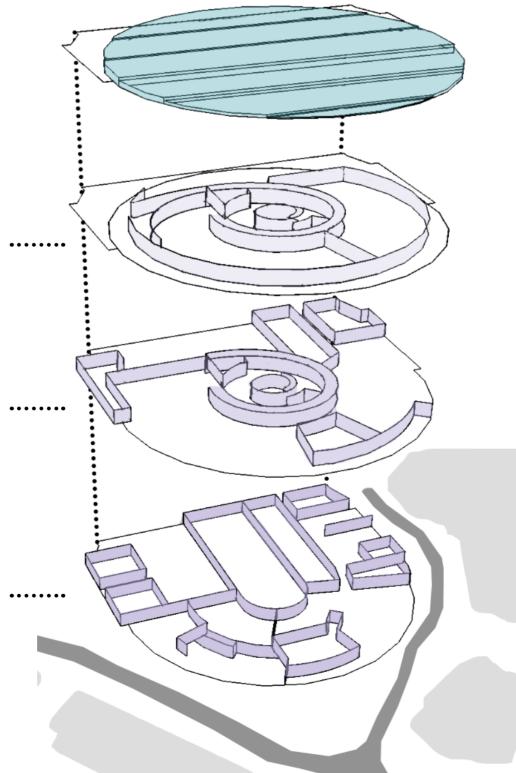
Through an innovative, interactive design response, with a focus on public engagement, the exhibition will:

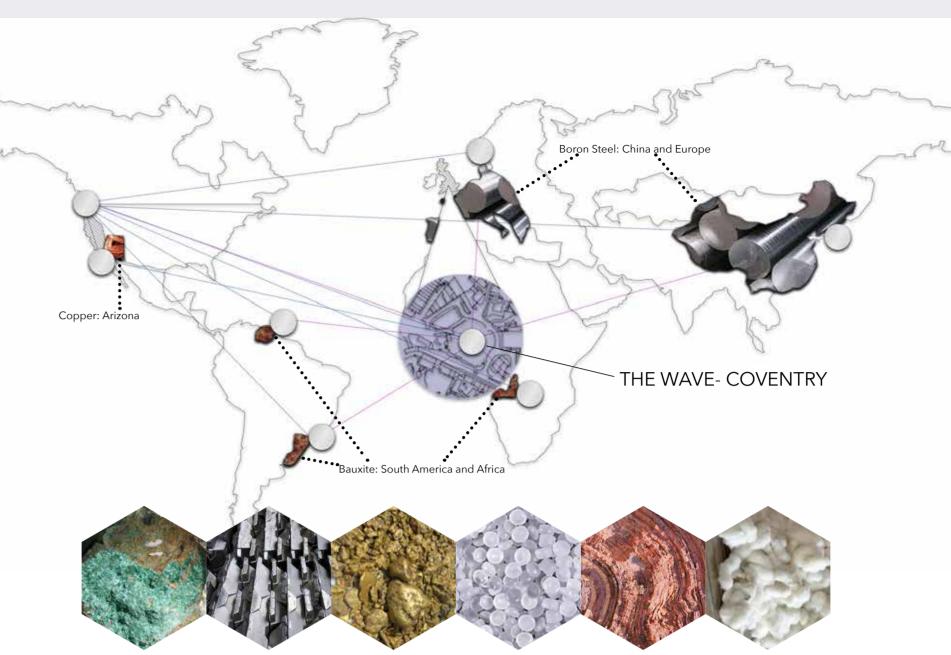
- Educate viewers about the depleting environment and how electric cars can help,
- While promoting electric cars through the means of sculptures, written boards and artwork.

This will simultaneously create a completely inclusive environment by providing wheelchair access and a multi-media environment by using headsets. In Coventry, the demographic is diverse, with 50 languages being spoken in primary schools, so by including headsets it ensures that the maximum amount of people are engaged. Public engagement is becoming increasingly important because environmental damage is accelerating and without potential change we risk the environmental damage becoming irreversible.

To create a lasting image in the visitors mind, a large scaffolding structure encases and weaves around the building to ensure a positive and memorable experience.

AXONOMETRIC OF EXISTING BUILDING





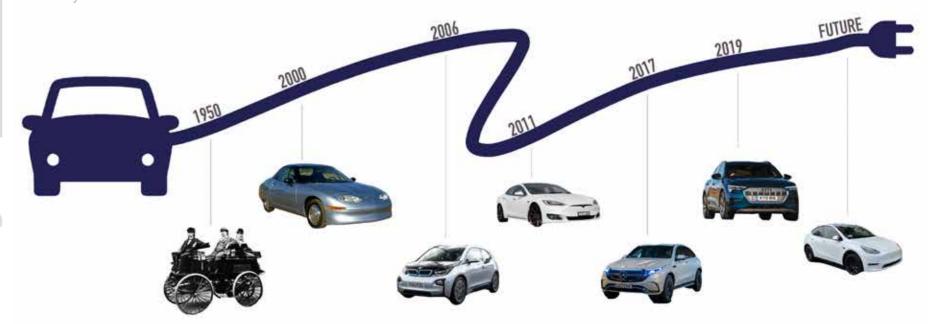
Raw materials currently travel world wide to become electric cars, this concept model explored how they already have to travel and how far they would if they were built in the UK.

The principal users of the space will be students and educators. The design will be proposed for educators to bring their students and will be packed full of interactive exhibits such as simulations of electric cars, and also large sculptures and artefacts, including ones hanging from the ceiling and those placed on the ground. This is to provide optimum attention-grabbing for people visiting, especially younger children. The user of this building would also be people interested in how to help improve the environment and would have leaflets and staff that are experienced in the field so that nobody leaves the museum with unanswered questions.



- Educators and students, alongside environmentalists and car fanatics.
- Coventry City Council

The intended client for the proposal will be Coventry City Council. It is the main council located inside of the City, and the people who originally approved all planning permission for the building. The City Council decided to devote 2019 to improving well being and thus The Wave was opened as an investment into sport and leisure to bring more tourism into the City. The council already has many buildings under their control, but an electric car museum is something that they do not currently have.



Instead, the ground floor becomes the ticket office and beginning of the exhibition. The history of the EV would begin here, and a cafe.

Sculptures and interactive

features would blossom from this floor and continue through the

This floor would become

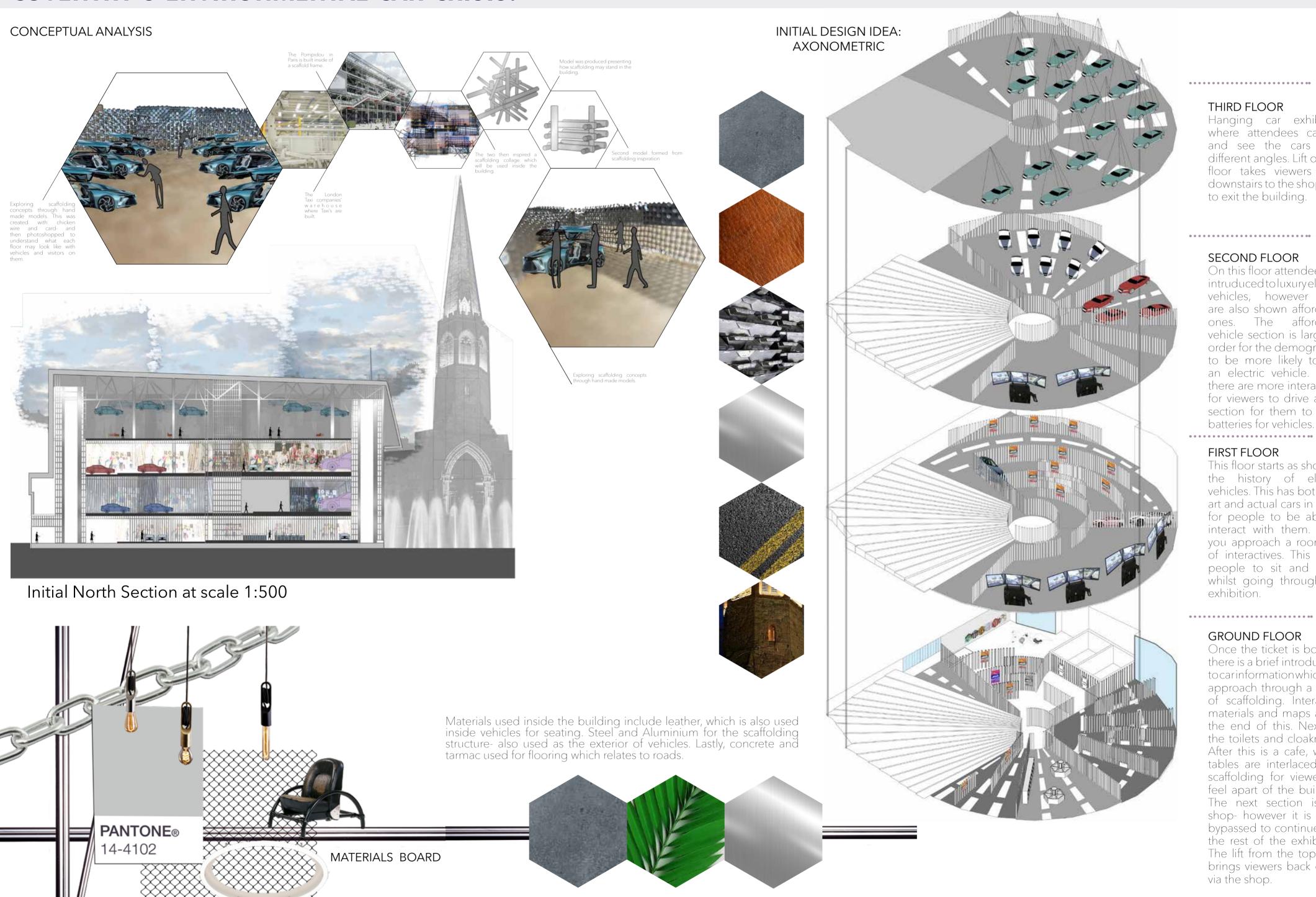
the start of sculptures and

interactive features and

wall art. Also the home of

another cafe/ shop.

building.



THIRD FLOOR

Hanging car exhibition where attendees can sit and see the cars from different angles. Lift on this floor takes viewers back downstairs to the shop and to exit the building.

SECOND FLOOR

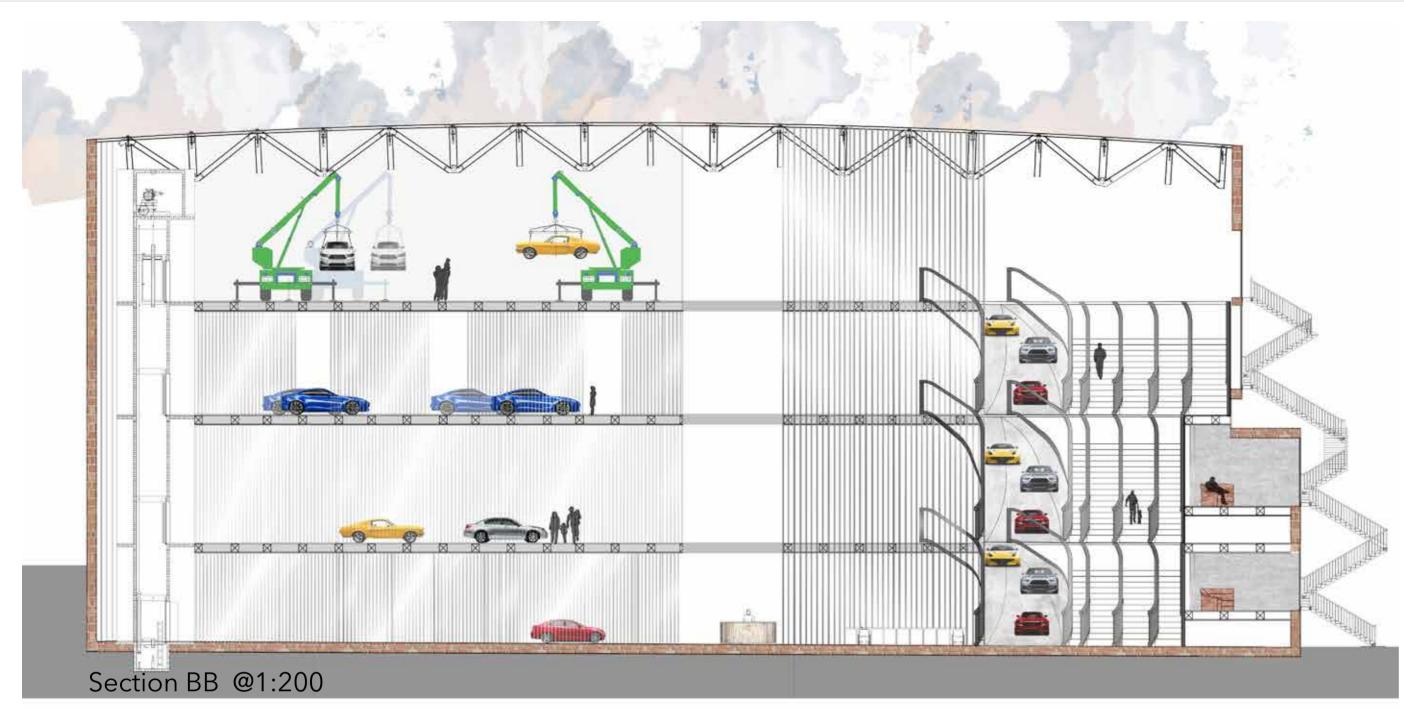
On this floor attendees are intruduced to luxury electric vehicles, however they are also shown affordable ones. The affordable vehicle section is larger in order for the demographic to be more likely to buy an electric vehicle. Lastly there are more interactives for viewers to drive and a section for them to build batteries for vehicles.

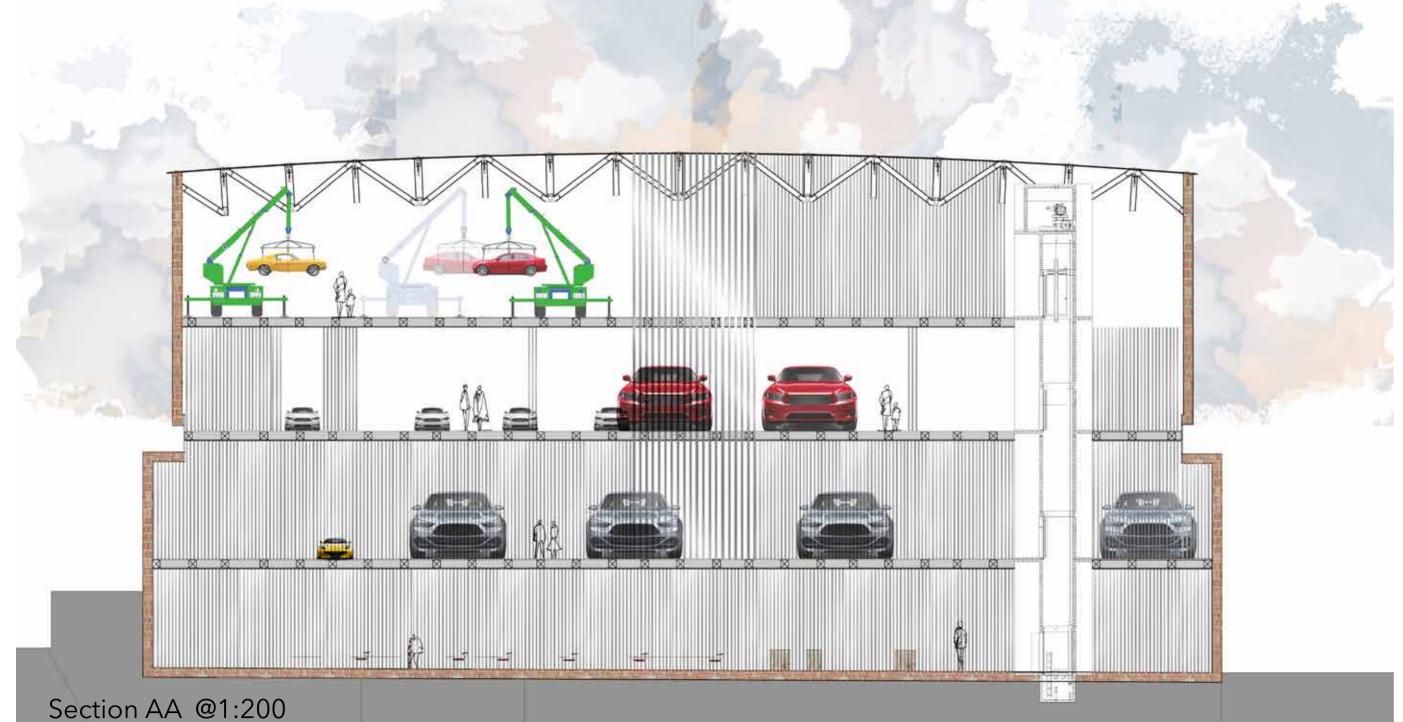
FIRST FLOOR

This floor starts as showing the history of electric vehicles. This has both wall art and actual cars in order for people to be able to interact with them. Next, you approach a room full of interactives. This is for people to sit and enjoy whilst going through the exhibition.

GROUND FLOOR

Once the ticket is bought, there is a brief introduction tocarinformationwhichyou approach through a maze of scaffolding. Interactive materials and maps are at the end of this. Next are the toilets and cloakroom. After this is a cafe, where tables are interlaced with scaffolding for viewers to feel apart of the building. The next section is the shop- however it is easily bypassed to continue with the rest of the exhibition. The lift from the top floor brings viewers back down via the shop.





THIRD FLOOR

Hanging car exhibition where attendees can walk among cars which are hung from different angles, suspended by cranes. The lift on this floor takes viewers back downstairs to the shop and to exit the building.

SECOND FLOOR

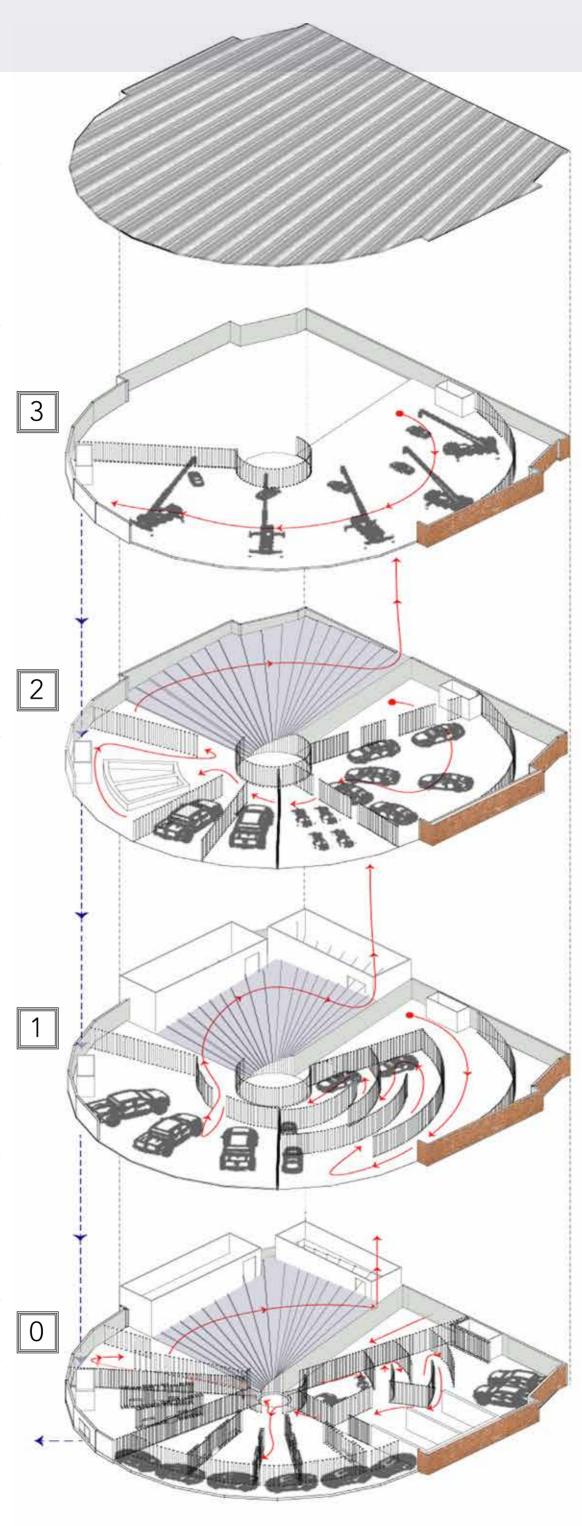
Attendees intruduced electric luxury vehicles, however they are also shown affordable ones. The affordable vehicle section is larger to suit the demographic so they are more likely to buy an electric 2 vehicle. Lastly there are more interactives viewers to drive and a section for them to build batteries for vehicles.

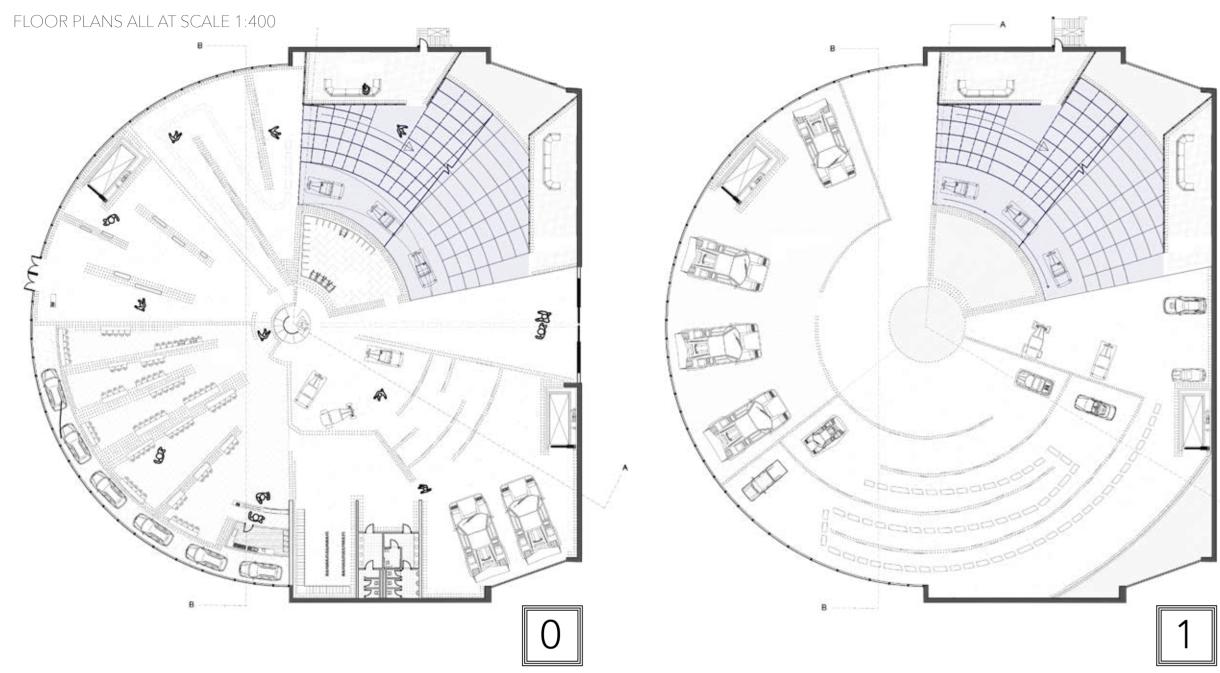
FIRST FLOOR

This floor starts as showing the history of electric vehicles. This has both wall art and actual cars in order for people to be able to interact with them. Next, you approach a room full of interactives.

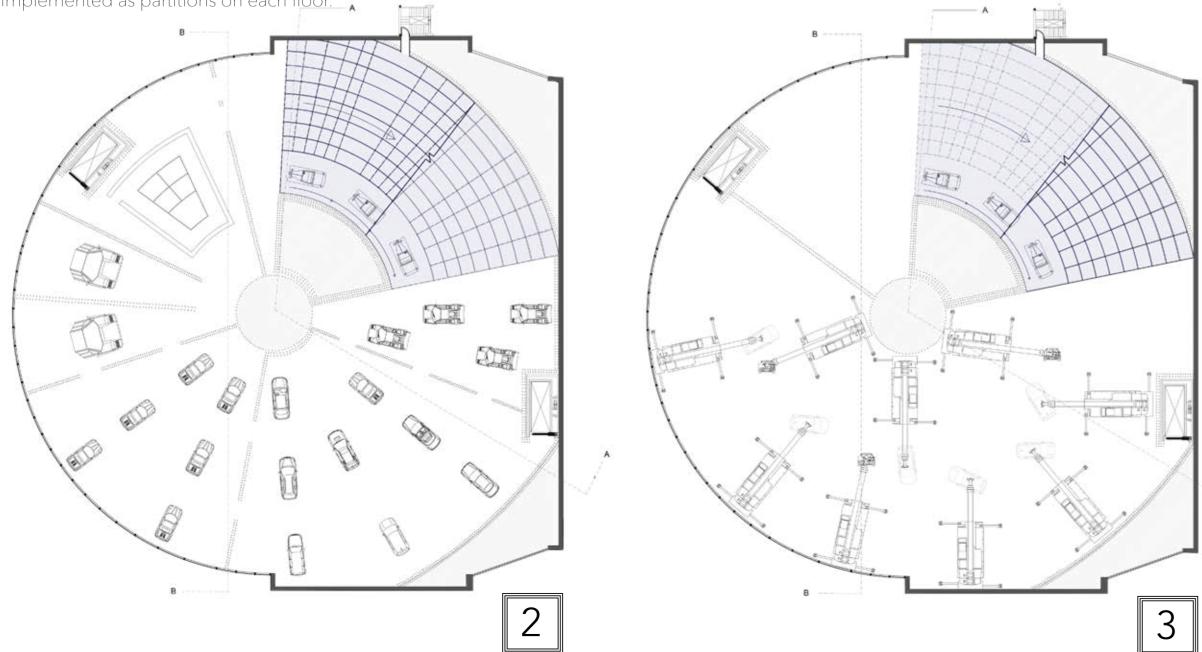
GROUND FLOOR

Once the ticket is bought, there is a maze of scaffolding holding information. Interactive materials and maps are at the back. Next are the toilets and cloakroom. After this is a cafe, where tables are interlaced with scaffolding for viewers to feel apart of the building. The next section is the shop- however it is easily bypassed to continue with the exhibition.



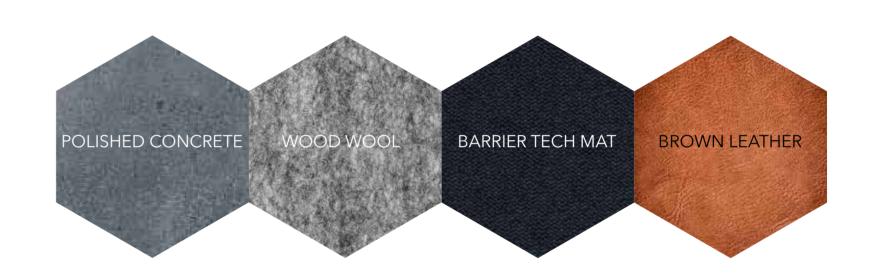


The proposal relied on radial grids and long piercing pieces of scaffolding which were seen at every opportunity. The main concept idea would heavily revolve around elegant scaffolding used as walls and dividers throughout the museum. Other than the toilets which would require solid walls, the use of the scaffolded dividers would be a transparent alternative making the space appear even bigger. Not only this, but it also translated from car factories, tying the intervention even closer to its contents of motor vehicles. So, the exhibition became exclusively radial with scaffolding implemented as partitions on each floor.

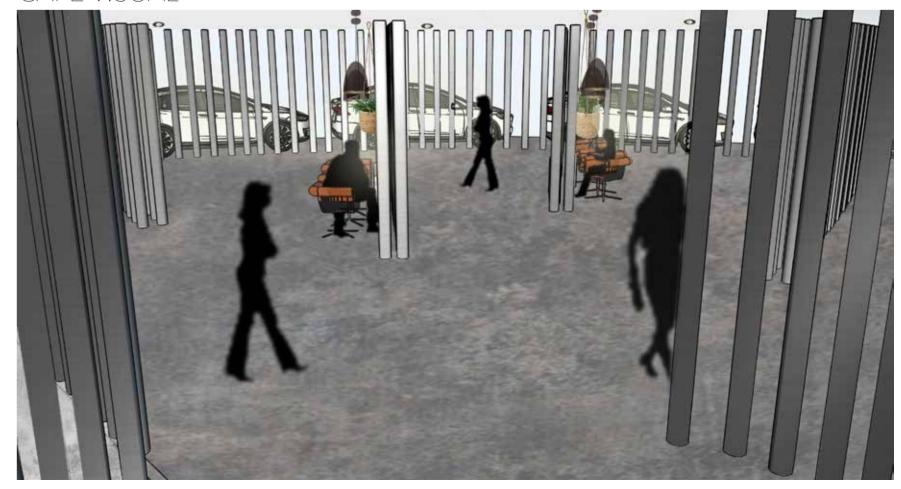


CINEMA ROOM VISUAL

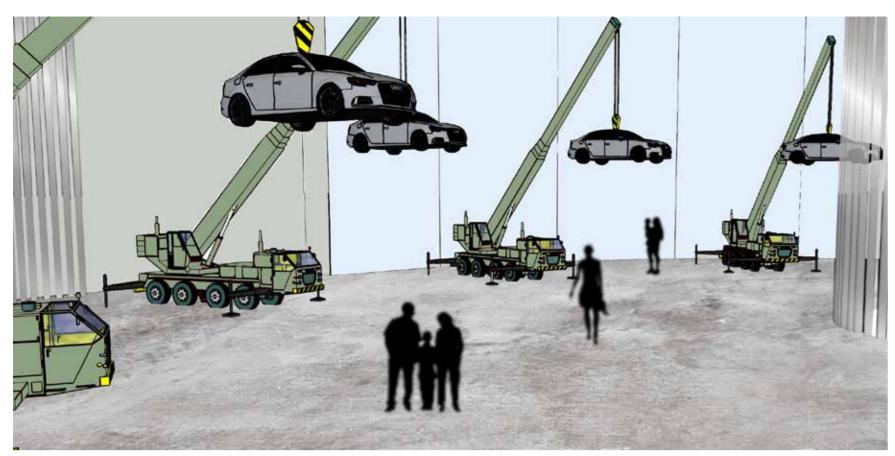




CAFE VISUAL



HANGING CAR EXHIBITION VISUAL





EXHIBITION VISUAL



Looking at the Amore Flagship Store inspired a scaffolding like structure which encases the building and weaves between each room and floor level. It allows transparency whilst still separating rooms on the same floor. This building was the heaviest influence of the design. I further researched how to implement a scaffolding cage around the building experimenting with modelling and collaging. The original model then developed into different models and will wrap around the building. Firstly the concept came from where a car is built. When researching, it was evident that warehouses are full of scaffolding, specifically the Tesla Gigafactory. Warehouses that cars are built in usually present some type of scaffolding outer edge which inspired these models.

