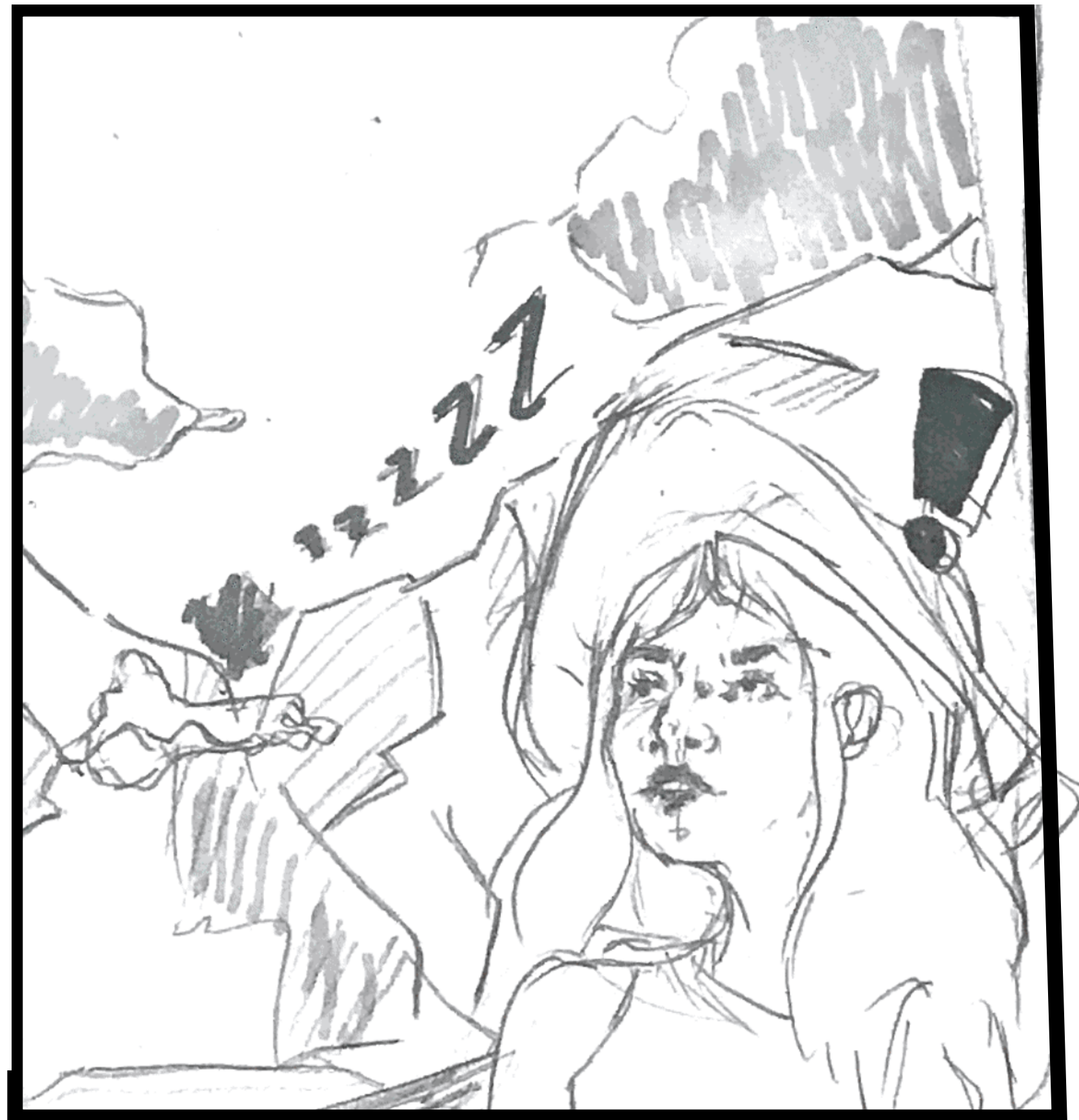
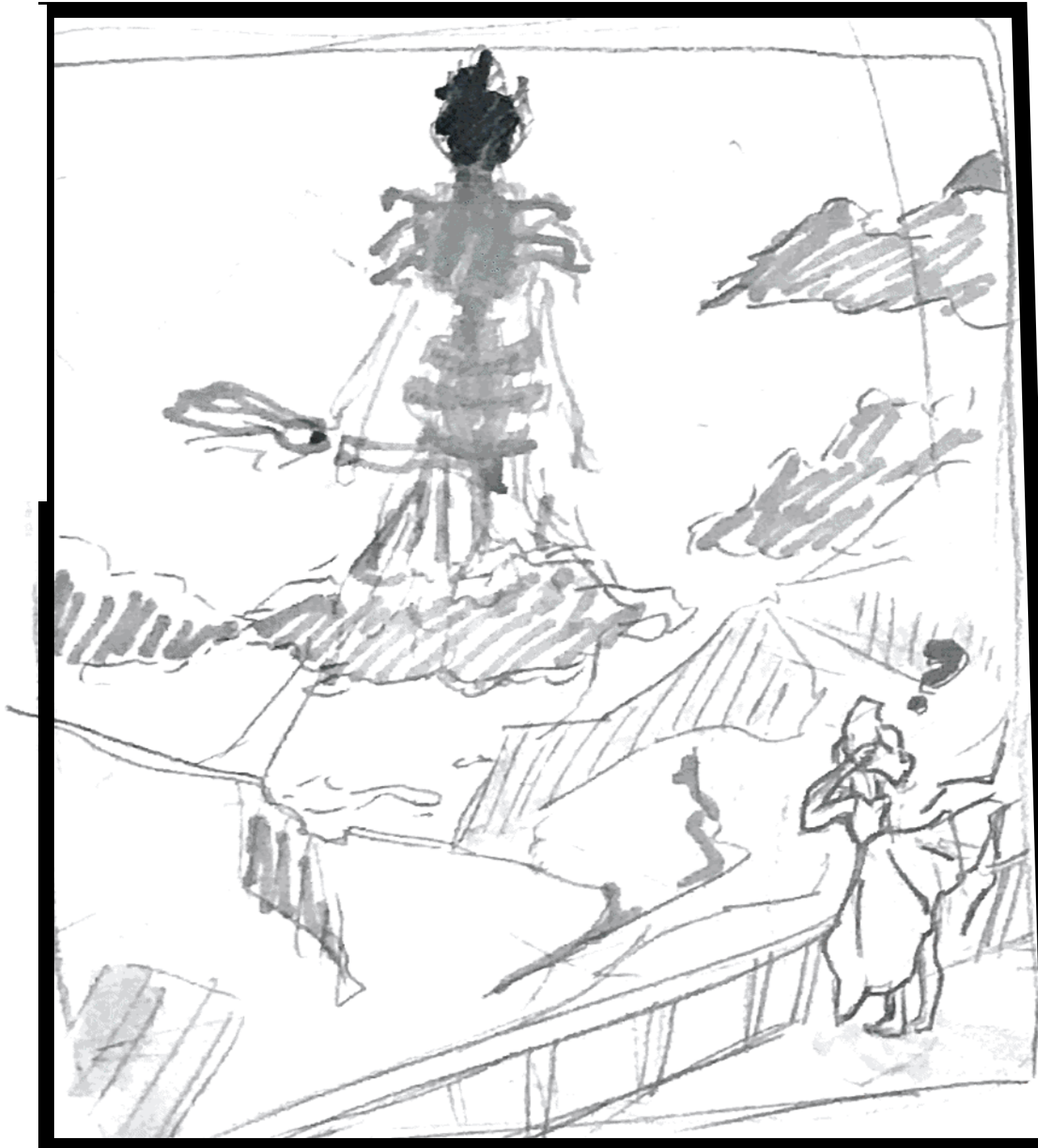


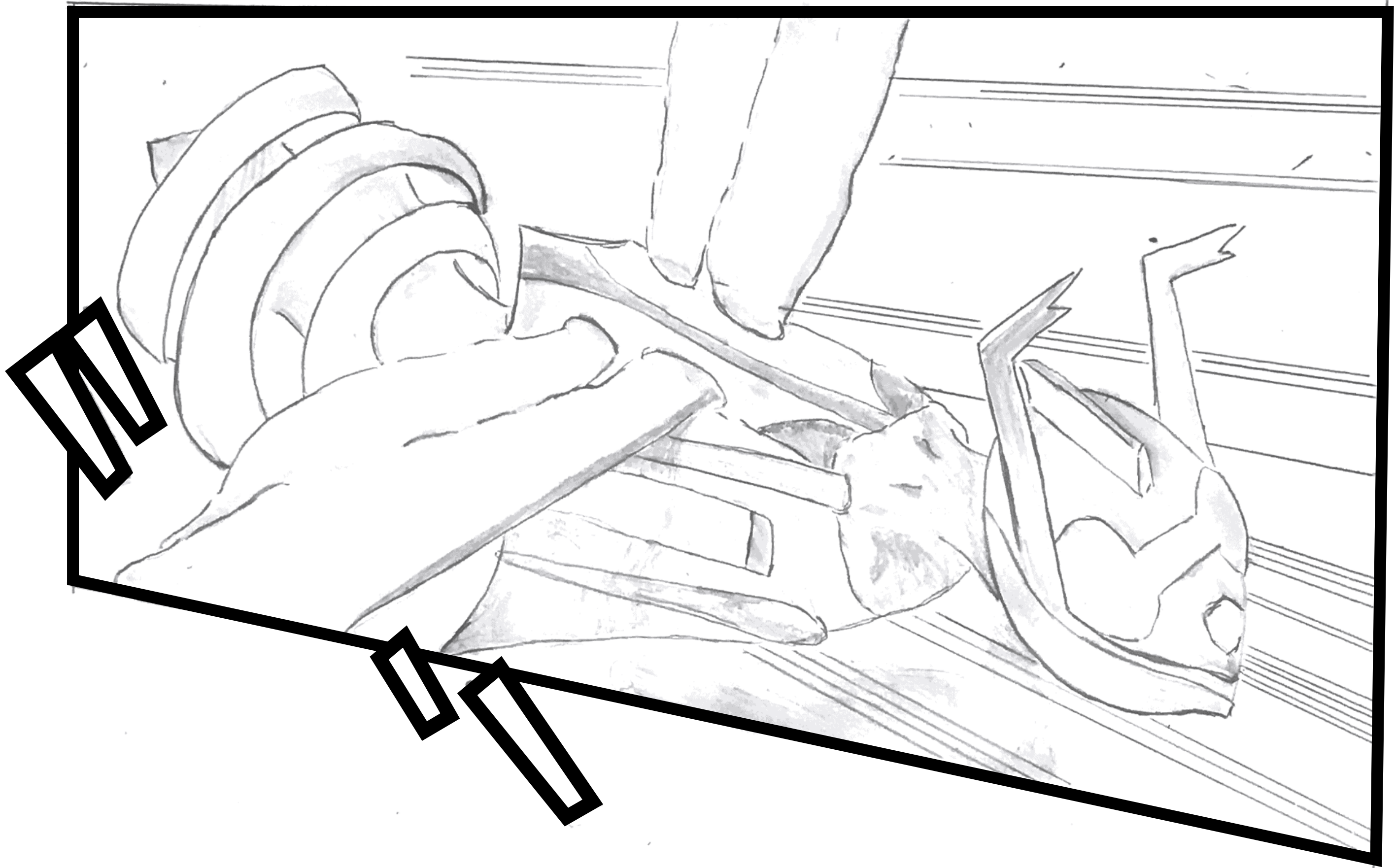
The New Flying Car

Xavier Vazquez

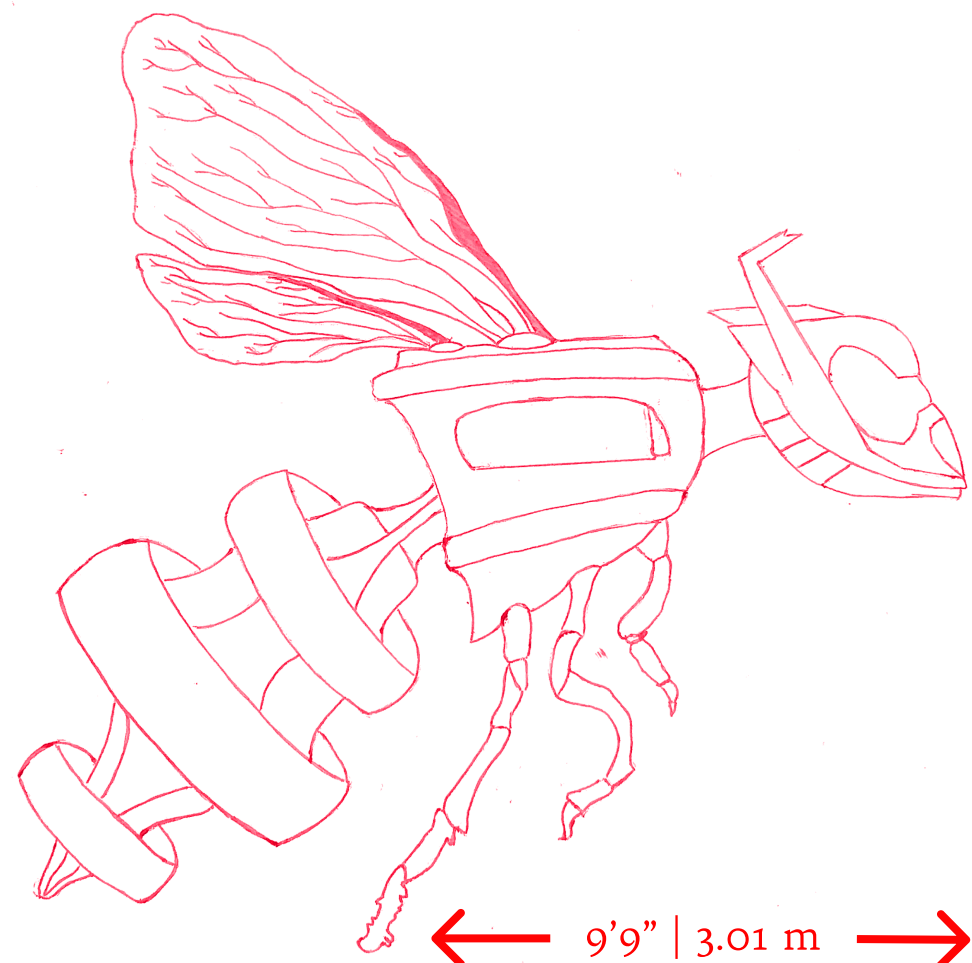
SOMEWHERE...



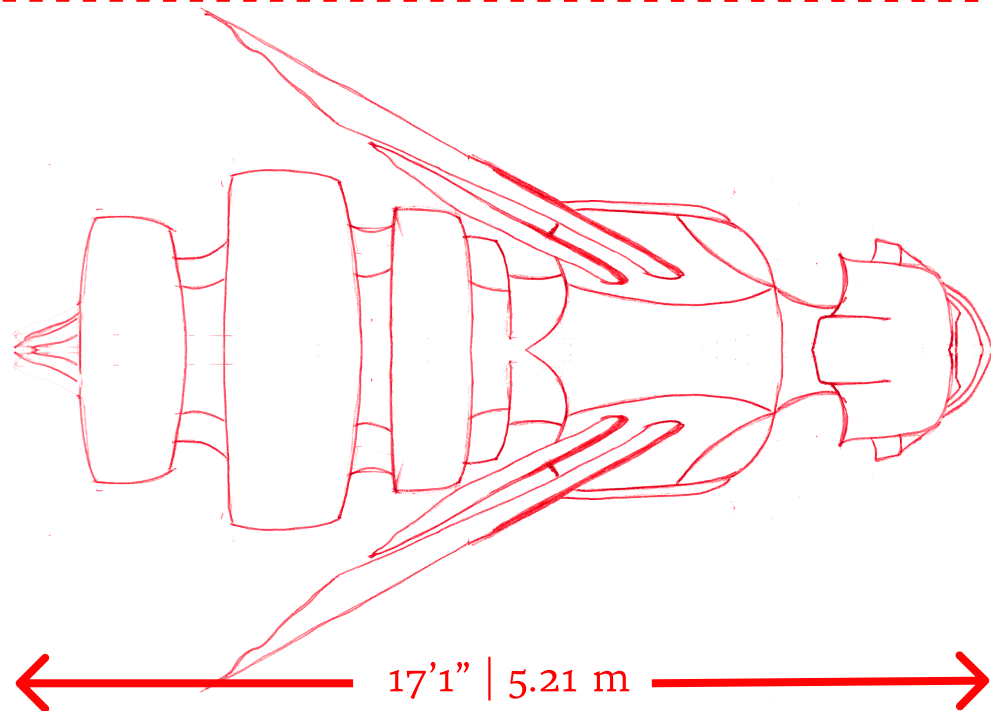
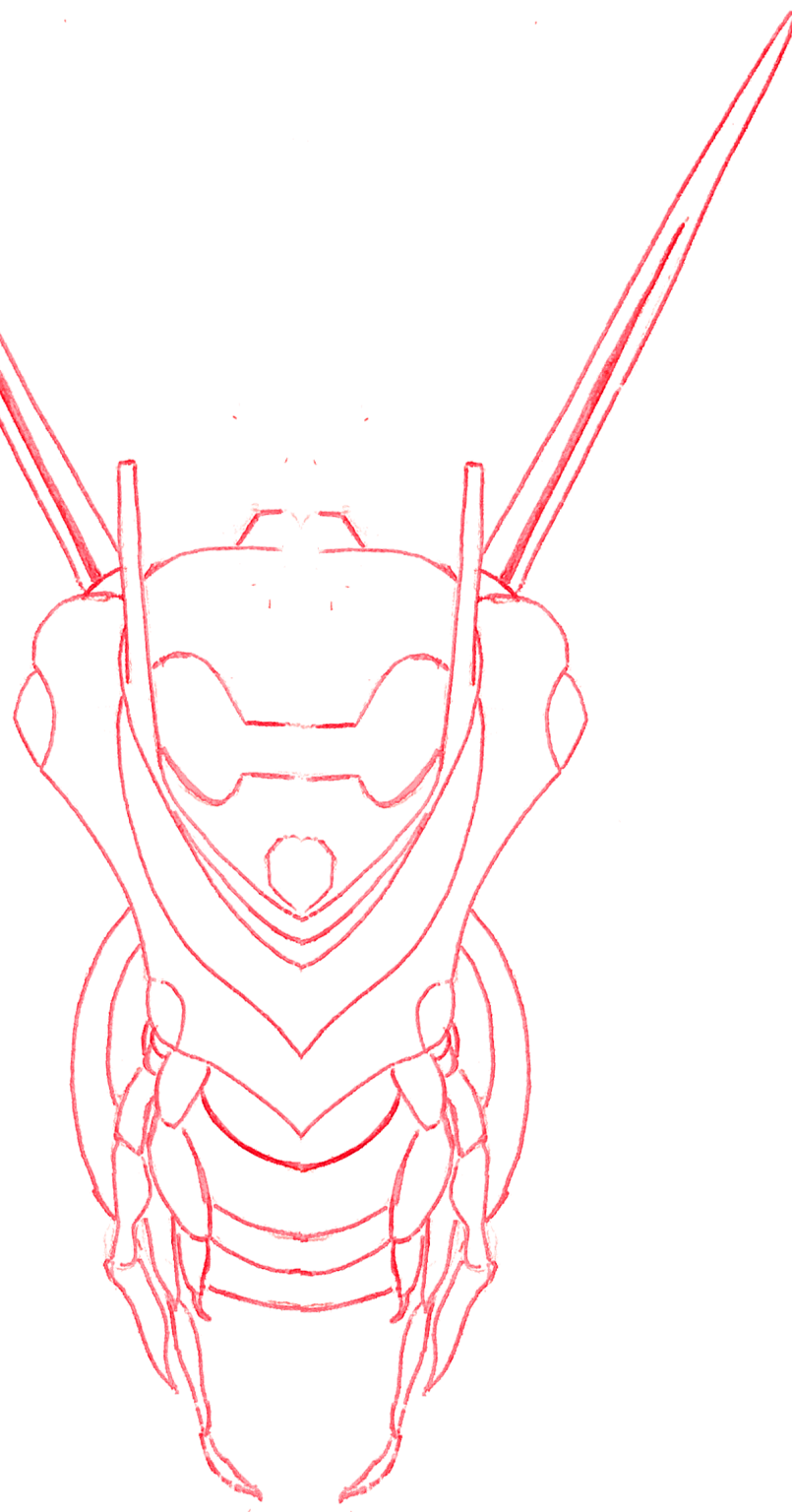




BeeMW (2050)



15'2"
4.63 m



6'11" | 1.86 m

Details

Height with Wings: 15'2" | 4.63 m

Height: 7'0" | 2.13 m

Width: 6'11" | 1.86 m

Length: 17'1" | 5.21 m

Weight: 3,053 lb | 1,384 kg

Carrybase: 9'9" | 3.01 m

Model:

BeeMW (Front Window Door)

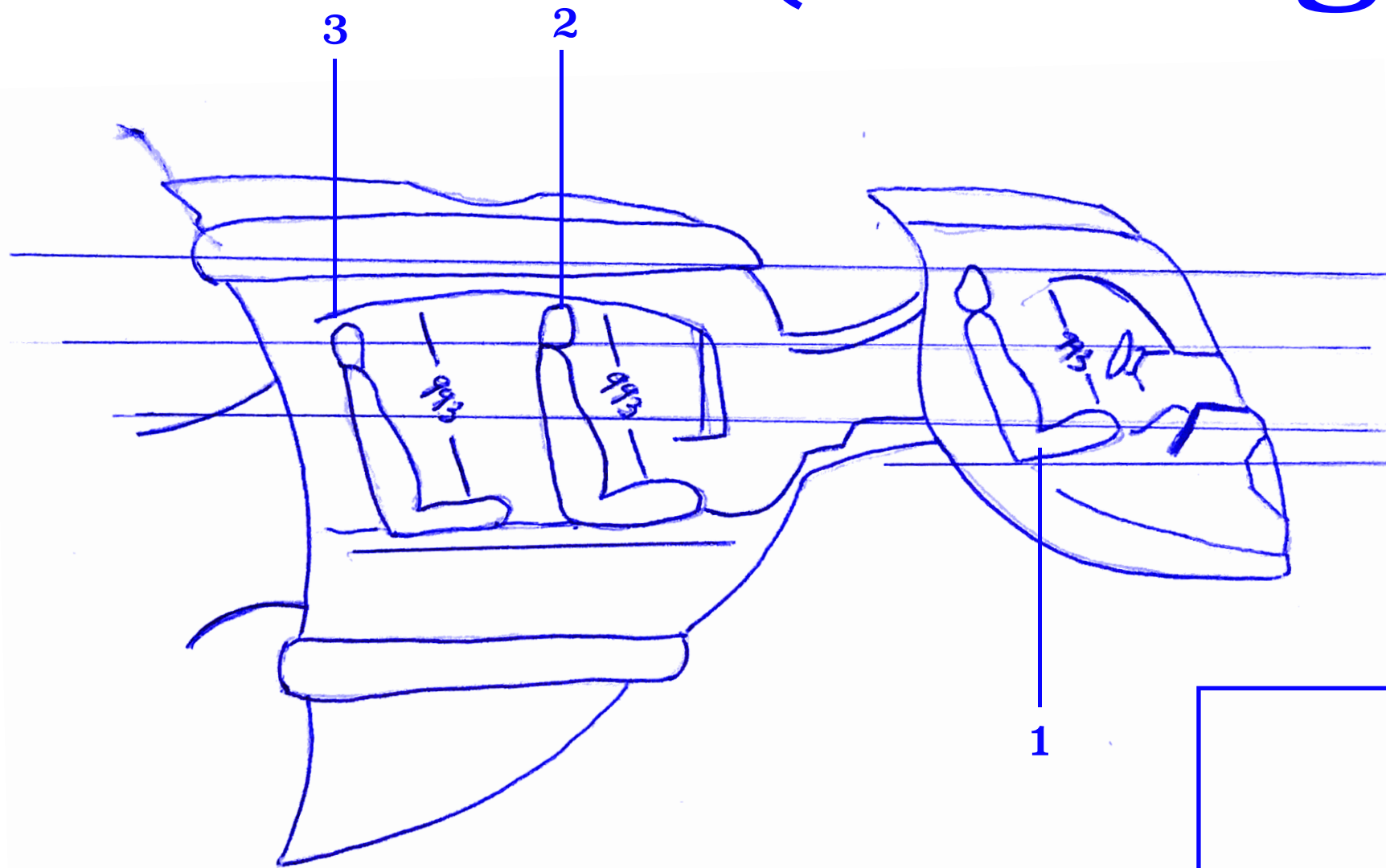
Automaker: BMW Group

Year: 2050

Drawings include:

BeeMW Scoside elevation, front,
and plan.

Features (Seating)



Details

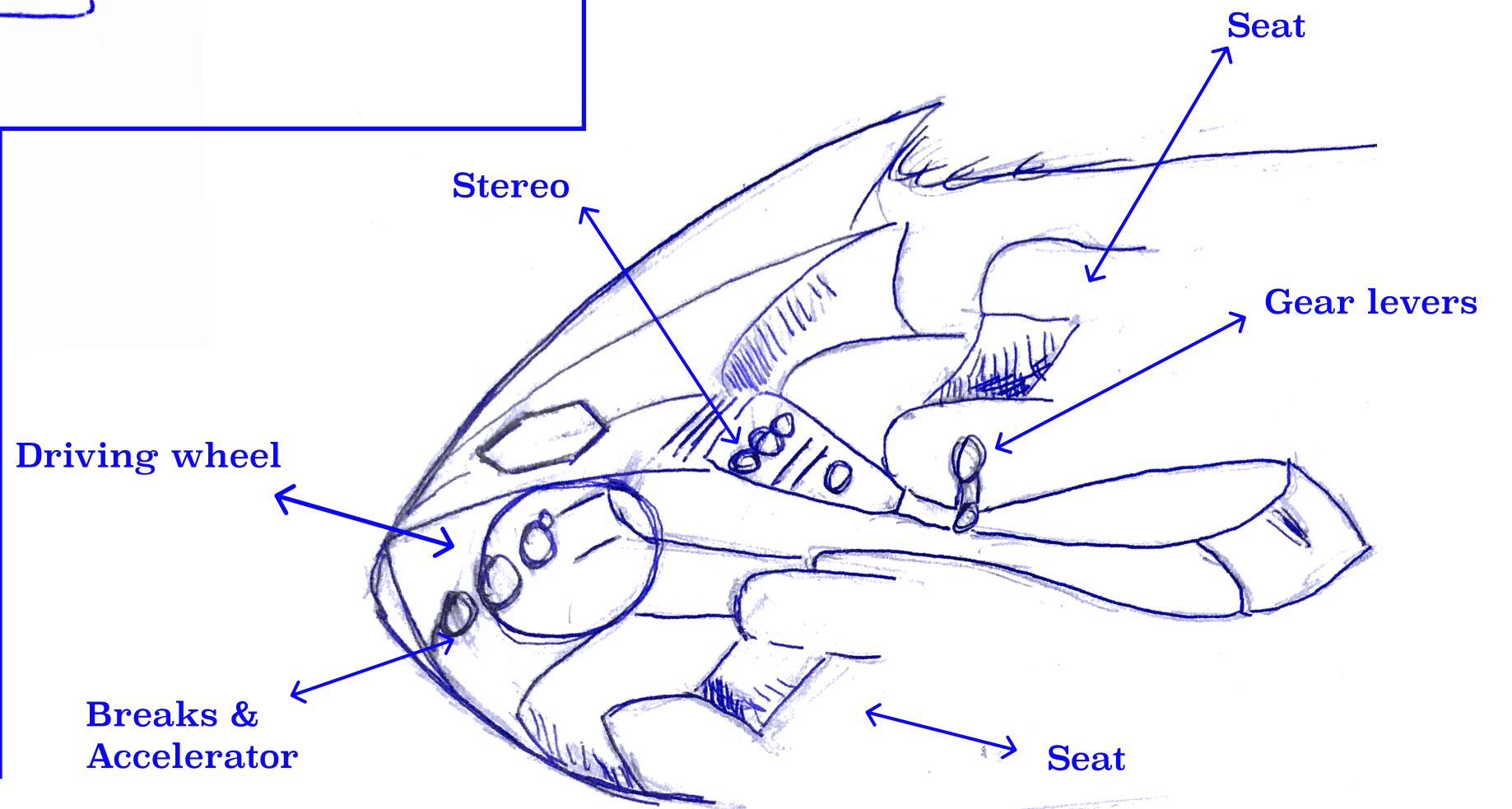
Carrybase: 9'9" | 3.01 m
Available seating: 6 (max)

The carrybase contains seating for 6 people maximum. User enters through window (front) and can make their way to back through pathway found in neck.

Details

Head: 4'0" | 1.22 m
Available seating: 2 (max)

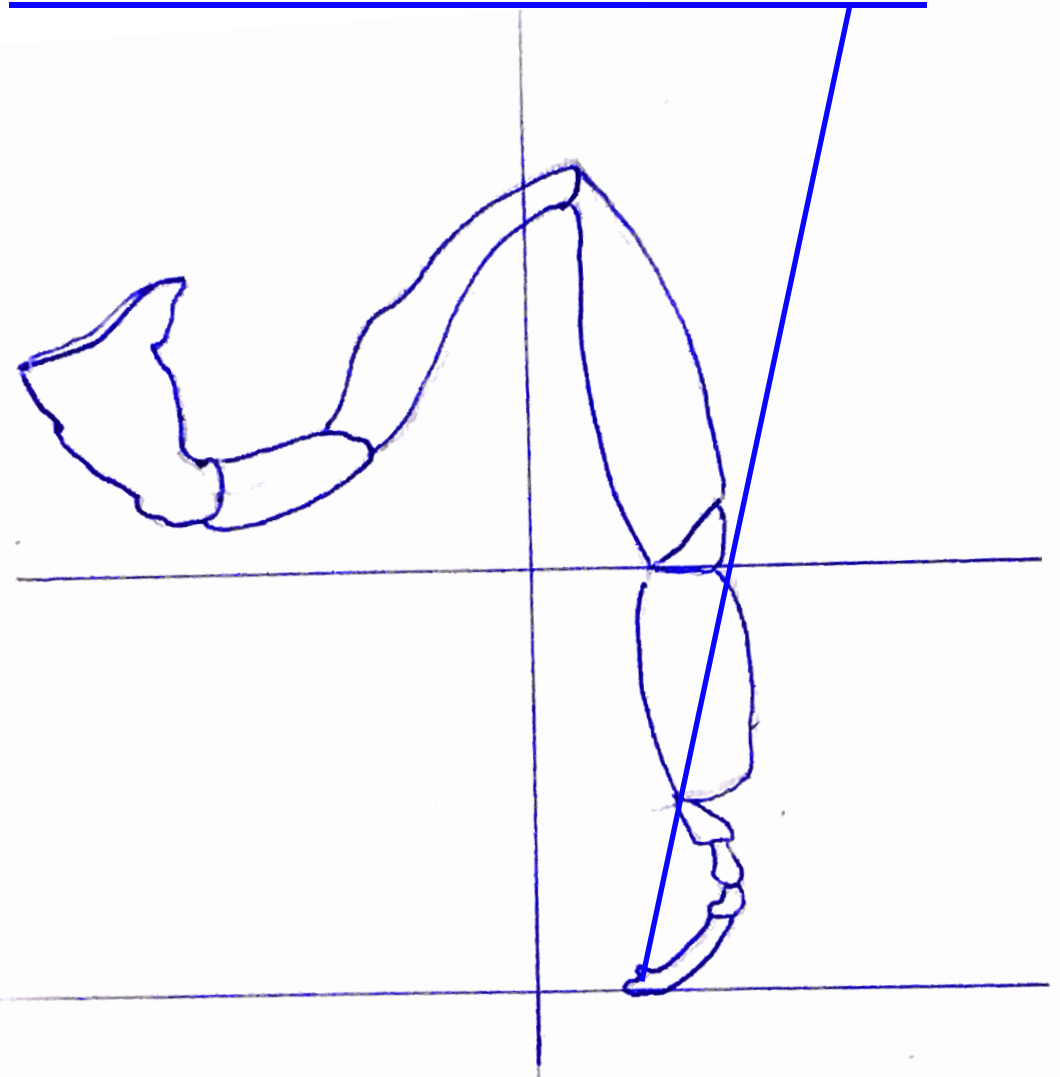
The head of the BeeMW contains frontal seating for 2 people maximum. The driving seat contains the usual driving wheel, breaks, accelerator, gear levers, and stereo.



Features (Others)

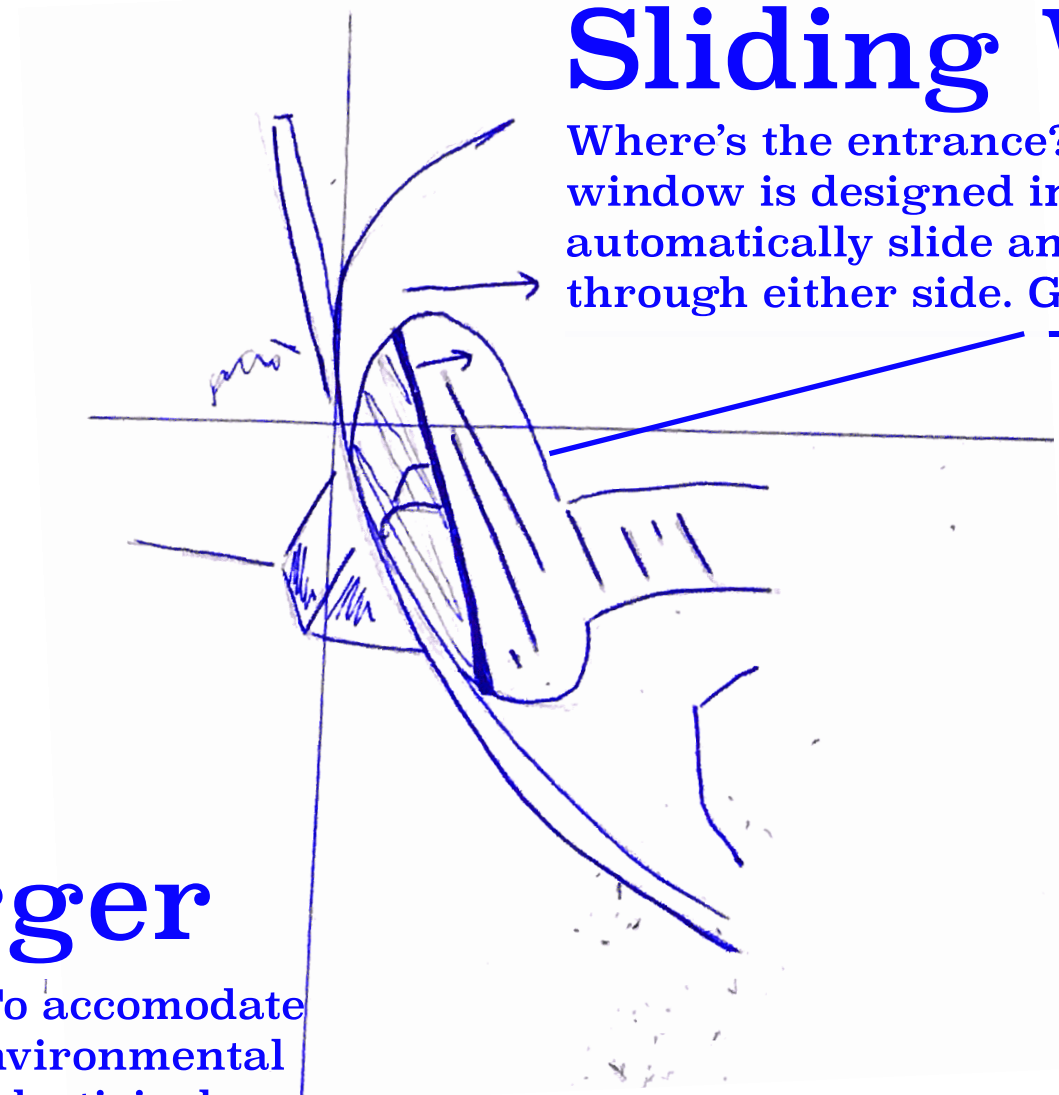
Adhesive Leg

Through careful microtechnology, the BeeMW's leg uses rubber-like material with tiny polymer hairs made from a micro-scale mold to stick to any viable surface. Yes, you can even try walls!



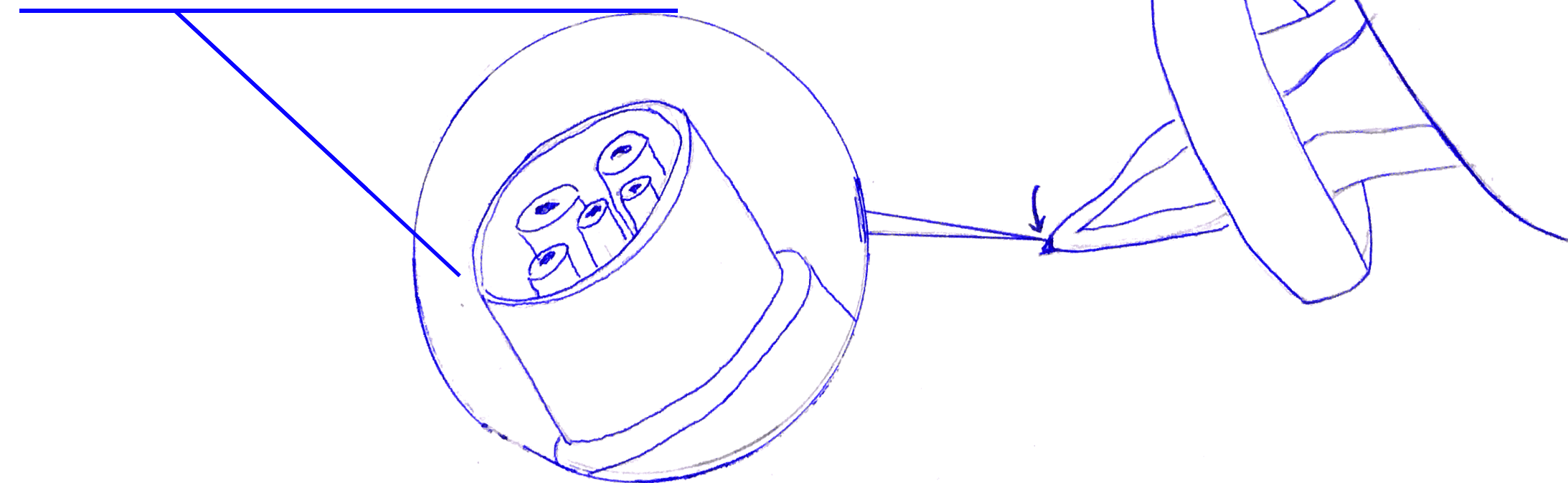
Sliding Window

Where's the entrance? Look closer! The window is designed in order to automatically slide and let the user in through either side. Get ready to fly!

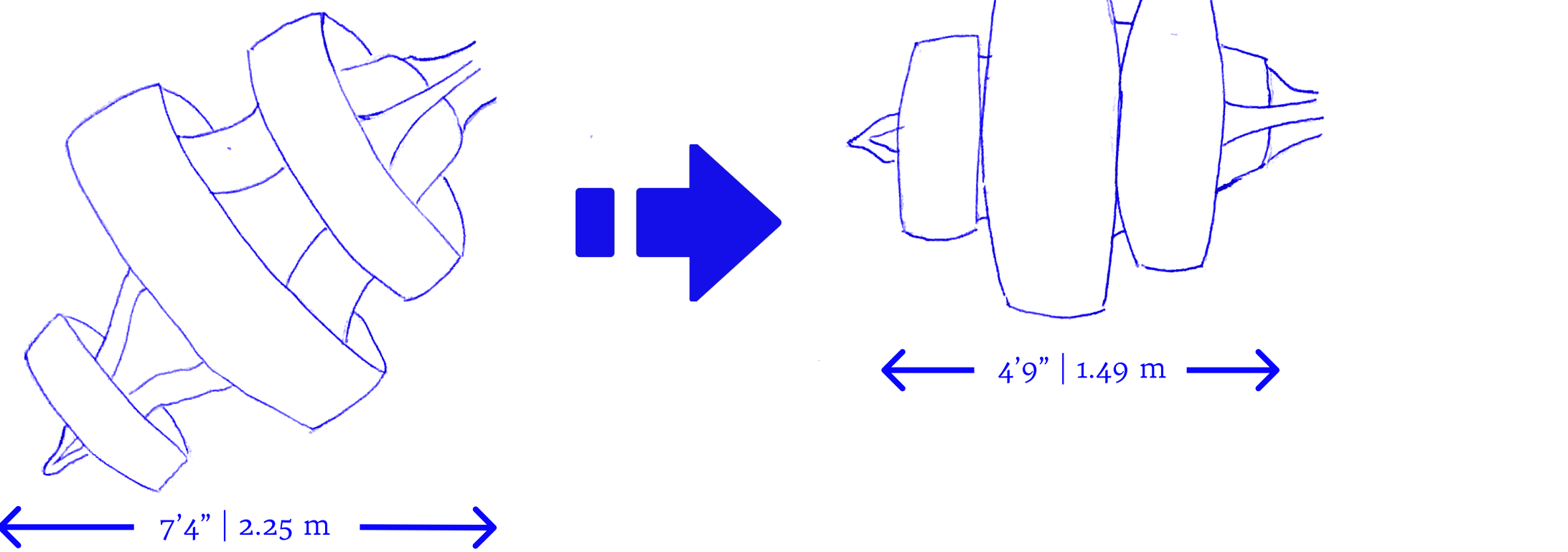


Electrical Rear Charger

The BeeMW is going eco! To accomodate resource limitations and environmental concerns, the vehicle uses electirical sourcing to charge and fly ahead.



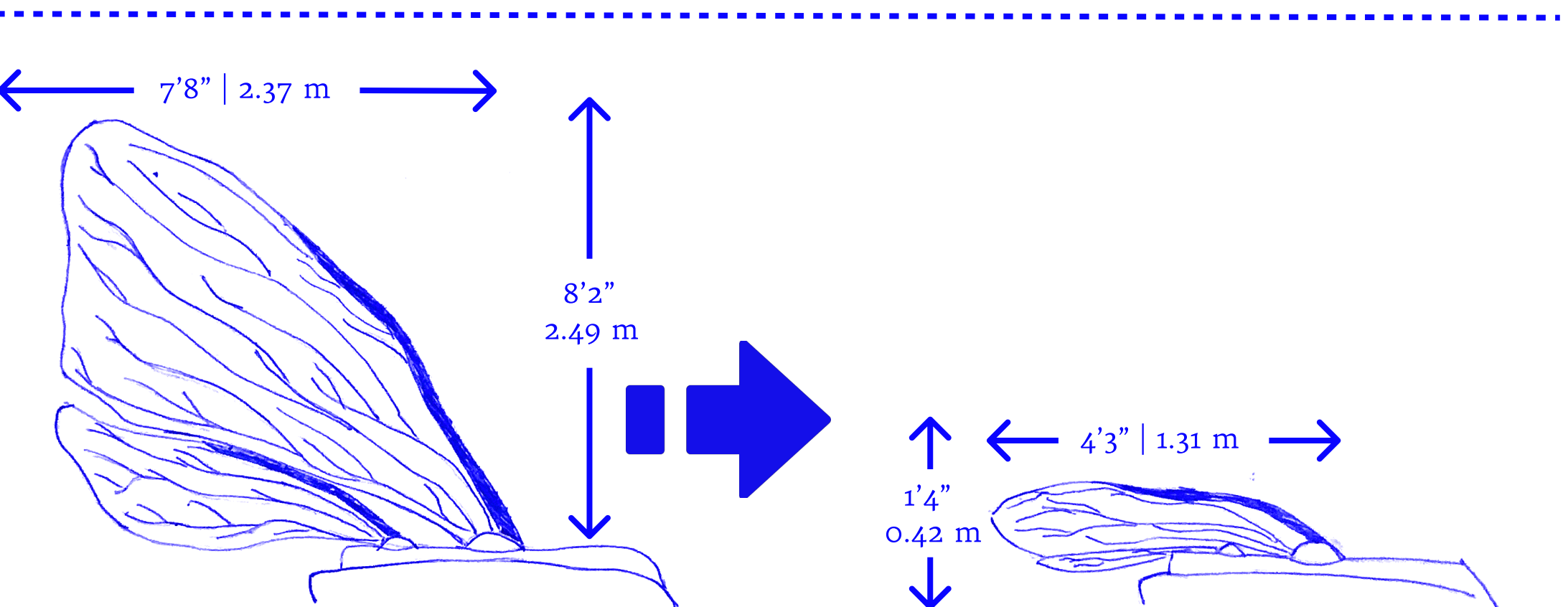
Features (Contractions)



Details

Extended Tail: 7'4" | 2.25 m
Contracted Tail: 4'9" | 1.49 m

The tail that serves for charging, storage, and mechanical functions, contracts in order to give the bee a more storageable space.

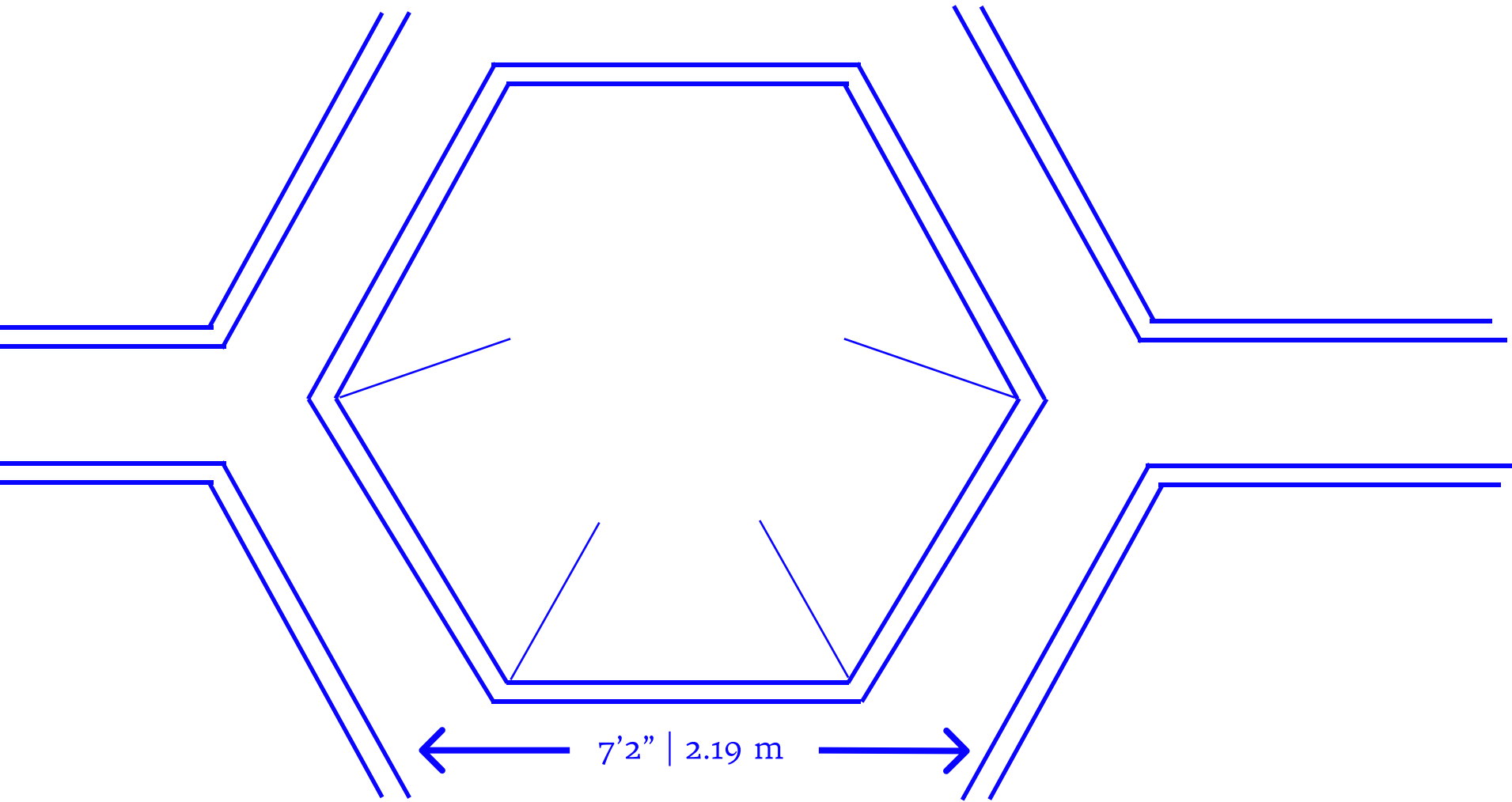


Details

Extended Wing Length: 7'8" | 2.37 m
Contracted Wing Length: 4'3" | 1.31 m
Extended Wing Height: 8'2" | 2.49 m
Contracted Wing Length: 1'4" | 0.42m

The wings that serves for flying, gliding, and movement cracts in order to give the bee a more storageable space and for the bee to remain intact while stagnant.

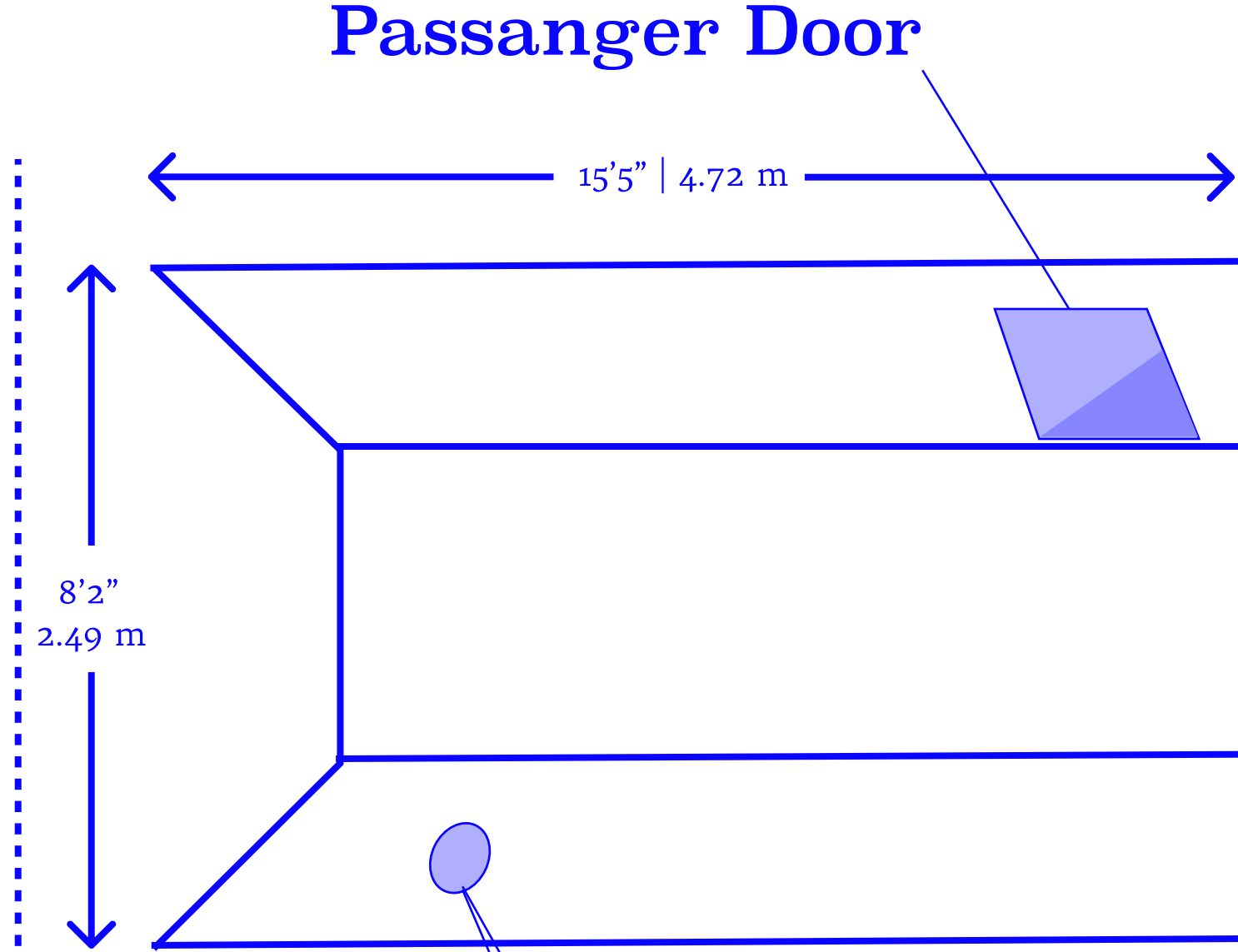
BeeMW Parking



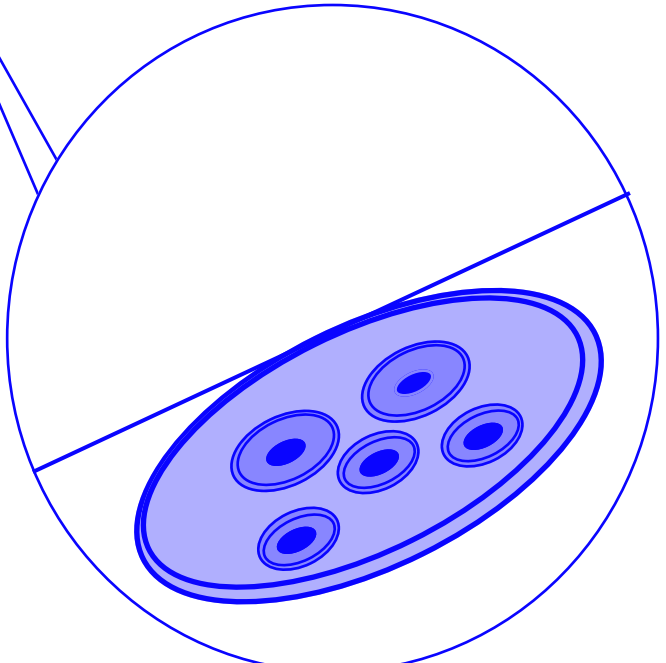
Hive Details

Length: 7'2" | 2.19 m
Height: 8'2" | 2.49 m
Width: 15'5" | 4.72 m

Parking is set up like a bee's beehive. Space efficient with a charging station and a way for the passanger to get on the BeeMW.



Charging Station



Memento

A technology that is bound to rebirth humanity, transportation, and society is the flying car. But this conversation has haunted engineers for years with no avail. With this project, I tried to incorporate this human flourishment of what we perceive as “advanced” and go beyond that by merging both technological advancements with biology to create a “beehicle”. This new device is made to fit 6 humans (max) and has the ability to fly and stick to viable surfaces such as sturdy walls. The interaction is as simple as driving a car. The user gets on when the BeeMW is parked on the Hive through the top door, the frontal eye window of the beehicle slides open and the users can hop on. After the driver reverses out of the Hive, the wings

and tail expand to its normal size. From there, the wings flap at a rate that allow the beehicle to fly off and the driver to drive to their destination.

How does the world circle around this technology?

The idea behind this design is to speak about the unison needed between nature, humans, and technological advancements. It seems that as though when technology advances, our relationship with the earth fractures. This design is supposed to talk about the coalition needed between the three parties to flourish. This design is geared to create a conversation about how biology and technology can propell each other. Ultimately, I imagined the architecture to completely turn in order to fit this

innovation. For example, parking is now built as a Hive where the beehicle can land and charge. I fantasized about completely rebuilding parking lots to represent that of an actual beehive that will ultimately be more space efficient. A usual parking lot height ranges from 10'5 to 11'5 feet. In comparison, the height needed for each slot is 8'2 feet, which is a good enough cut to expand parking and make it more space efficient!

I am aware that the concept of this technology is outside of this realm. But I am confident to say I am not afraid to build, design, and imagine. As advanced in technology this is, it doesn't diminish how the transportation benefit it offers has been craved by mankind and will revolutionize humanity.