

Sam Bean

BA Automotive Design

1802743

M5X01365 – 2

GET IT OUT

For this project I wanted to build upon previous ideas I had. Specifically, I wanted to create a single seater sports-city vehicle aimed at being released within the next 5 years.

I started by looking at natural forms and shapes, such as leaves or stones. I was inspired by pictures of foliage, specifically ones of sharp leaves with a long single curvature.

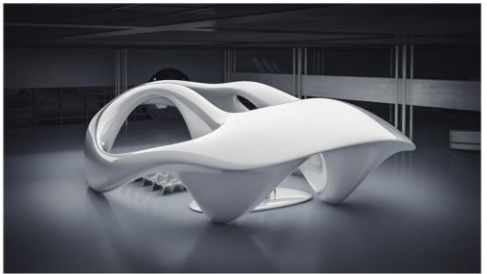
I have also been very influenced by wedge shapes in the automotive industry, and as my influence board shows, I have looked at famous shaped such as the Lancia Stratos and BMW M1.

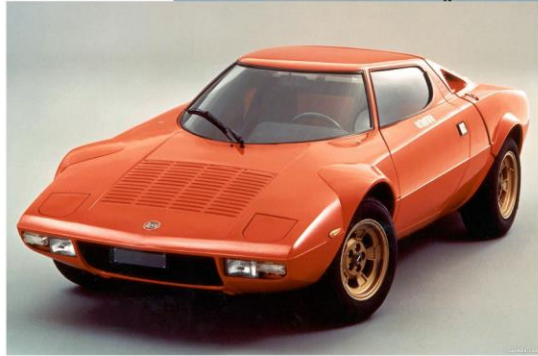
My favourite of the ones I saw and researched was the 1968 Alfa Romeo Carabo. I believe the shape is distinctive, timeless and fast, and these are the things I would like my sports-city vehicle to have too.

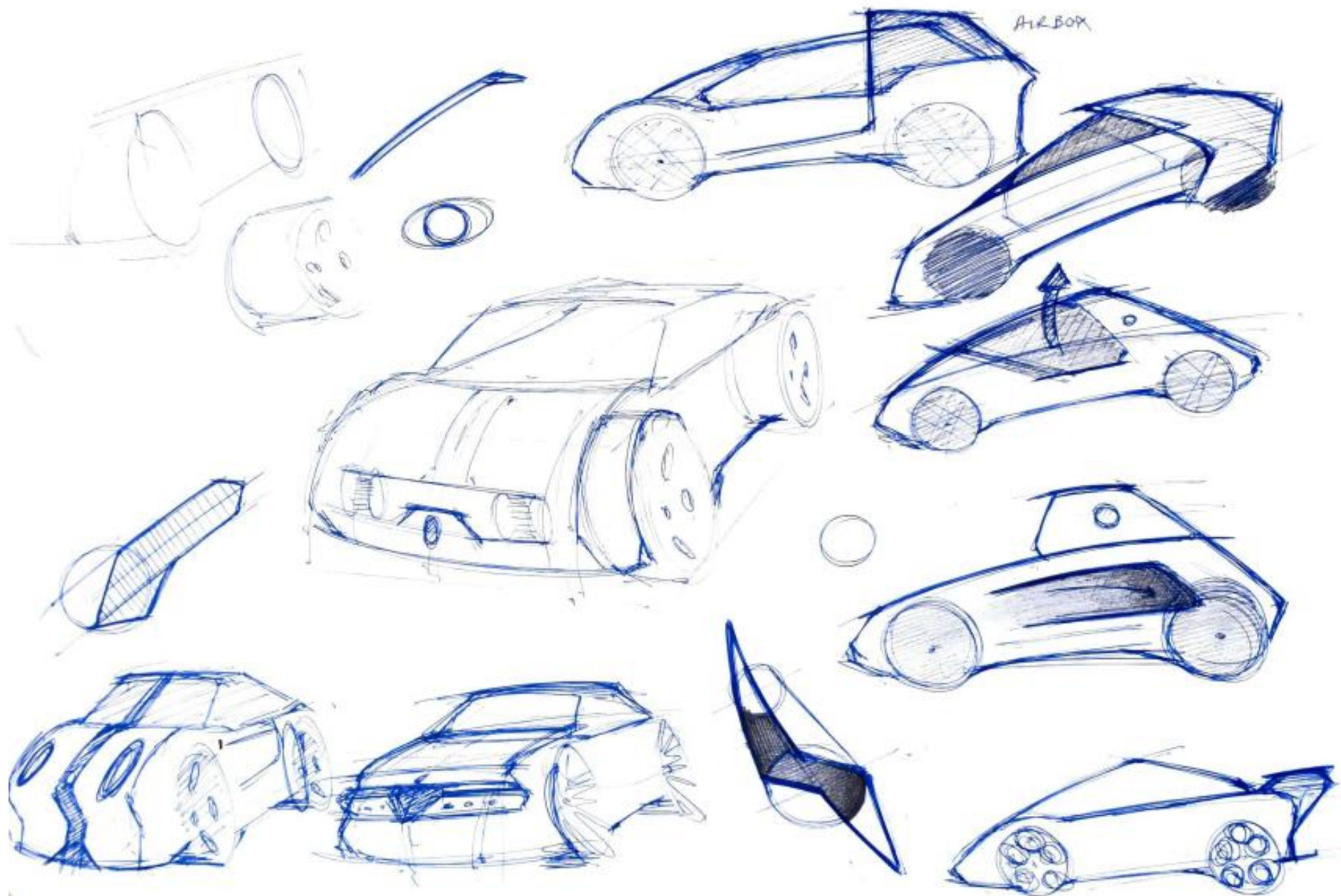
After thinking for a while, I decided my sports-city vehicle would be an Alfa Romeo inspired by the Carabo.

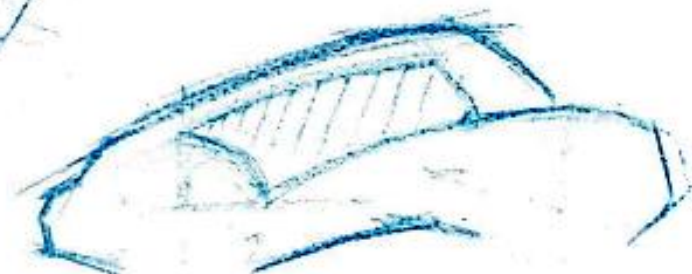
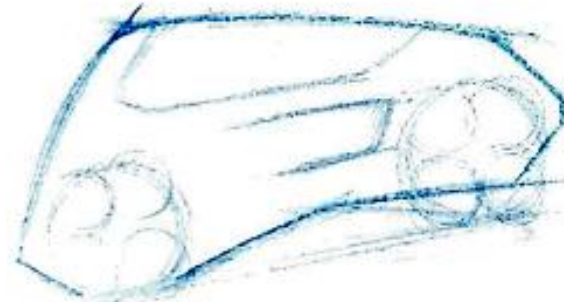
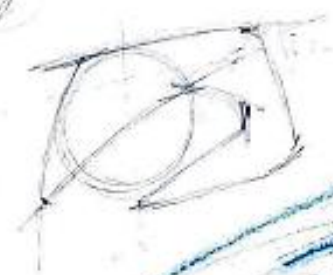
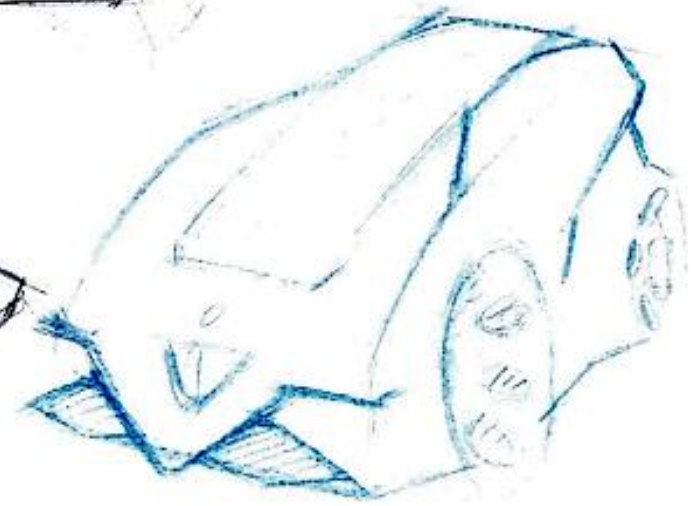
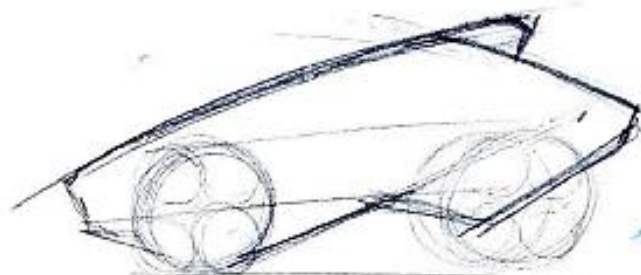
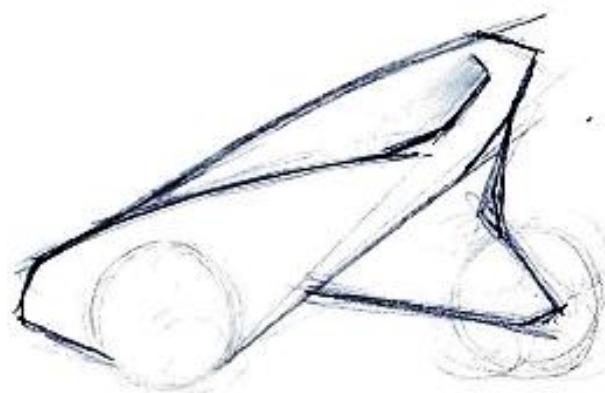
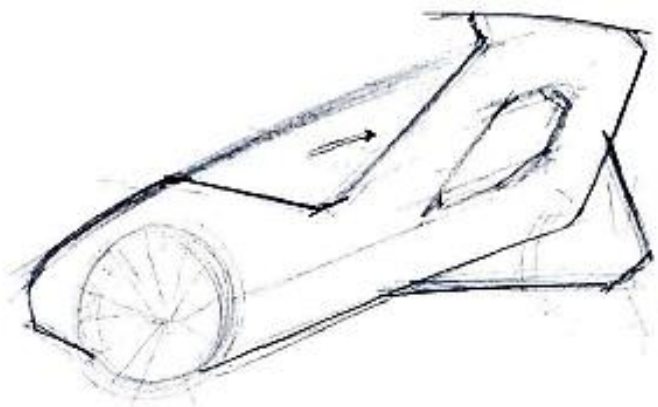
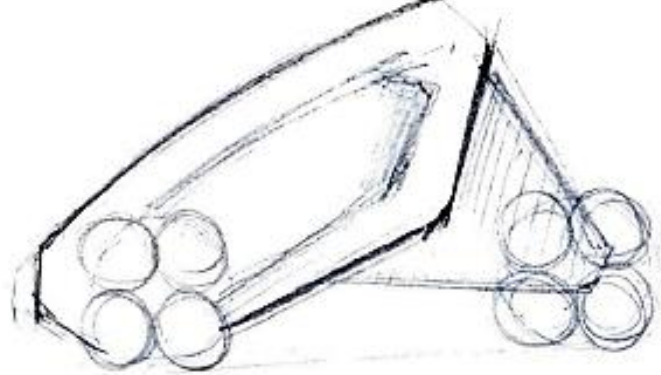
This vehicle should begin a new era for the brand, as a modern electric commuter. This vehicle will seat a single person and be powered by a single motor driving the rear wheels.

The plan was to have no windows because of my previous work researching the use of cameras and virtual dashboards. A 360 degree camera will be used that feeds the live video to large curved screens in the cockpit. Entry into the vehicle is achieved when the main “wedge cover” slides open, revealing the cockpit. The opening part slides towards the floor, where it becomes a step into the vehicle. I thought that vents/fins integrated into the sliding panel could then also serve as small steps (see Carabo front bonnet).



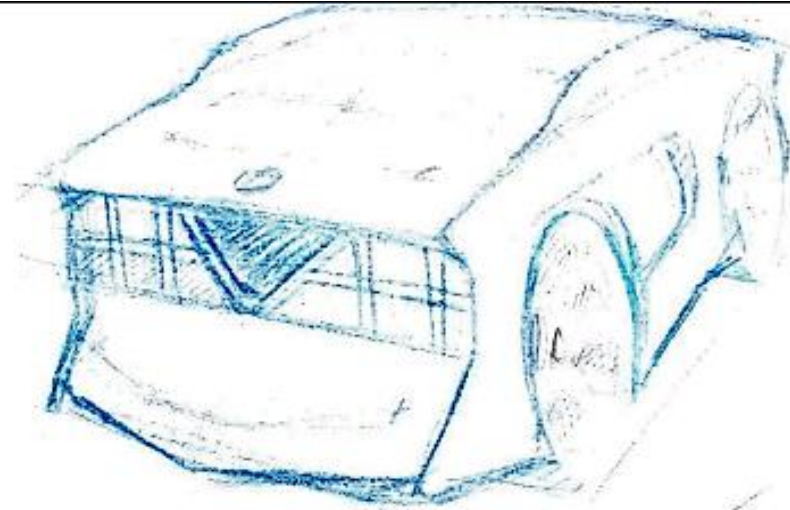




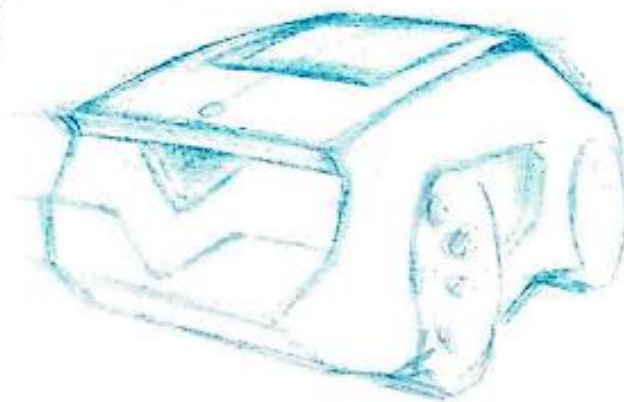
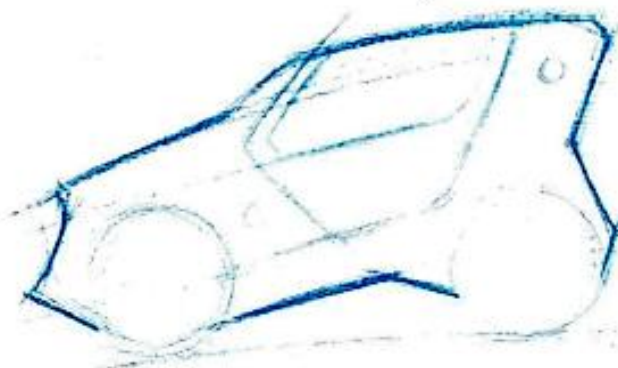
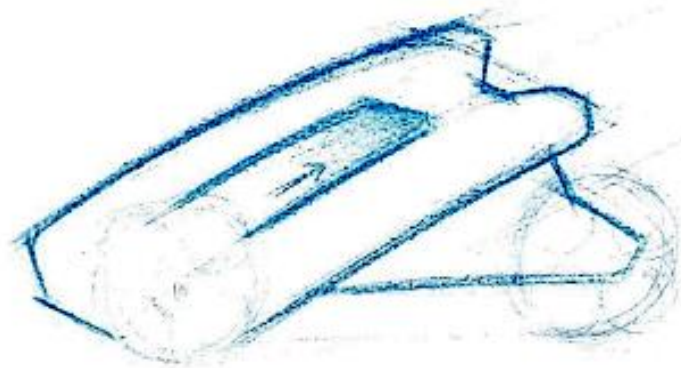


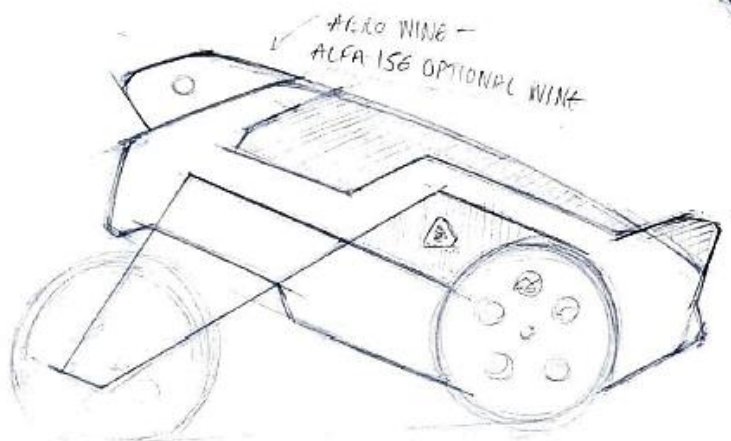
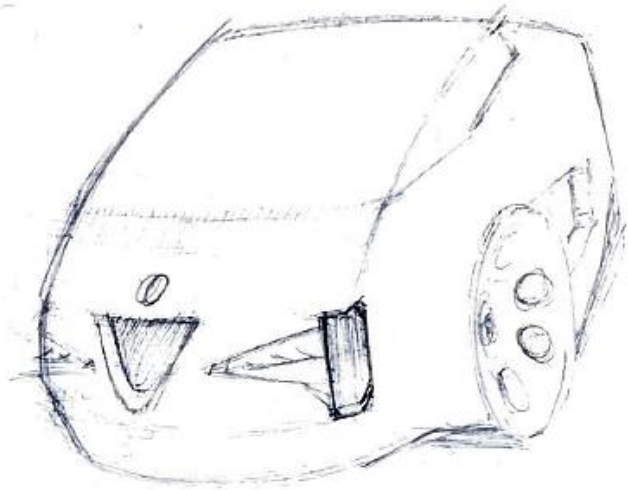
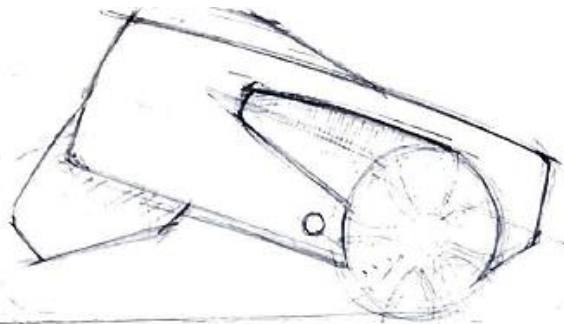
"TOP DOWN"
HEADLIGHTS

COULD ALSO
FUNCTION AS
SPLITTER

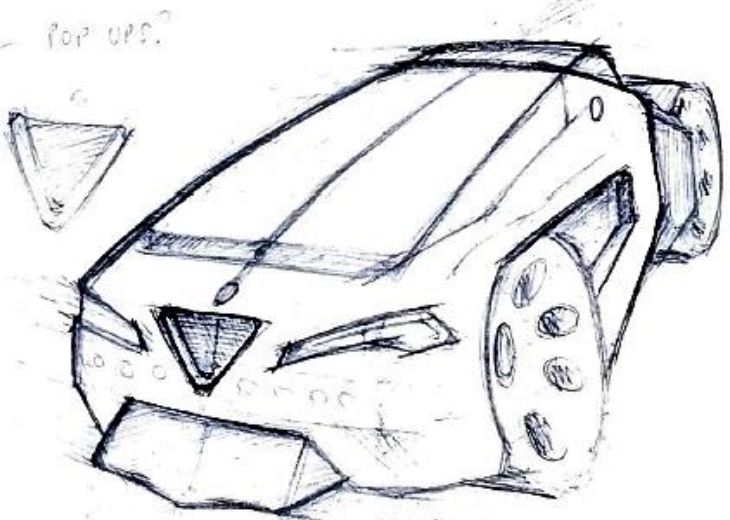


BULLWING

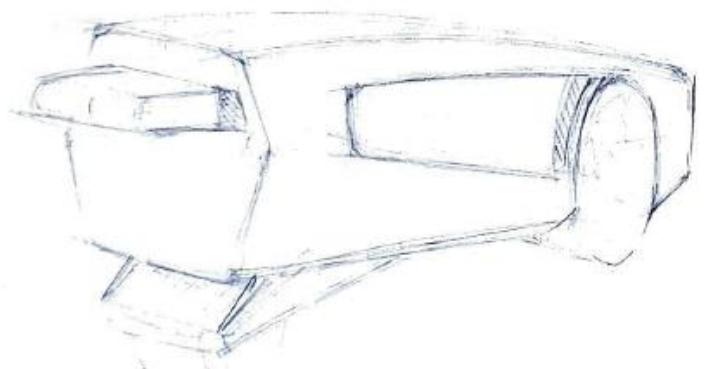




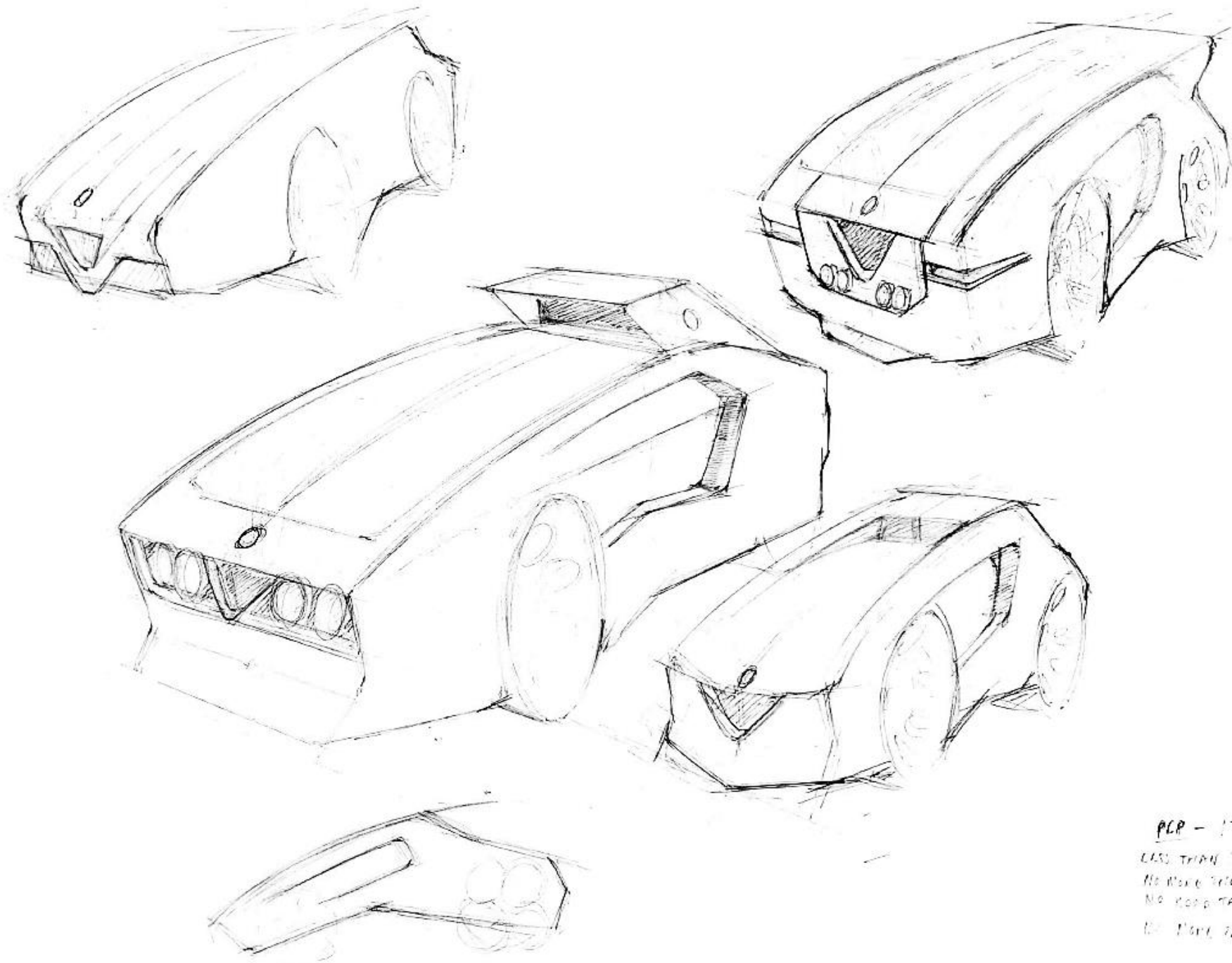
AERO WING -
ALFA 156 OPTIONAL WING



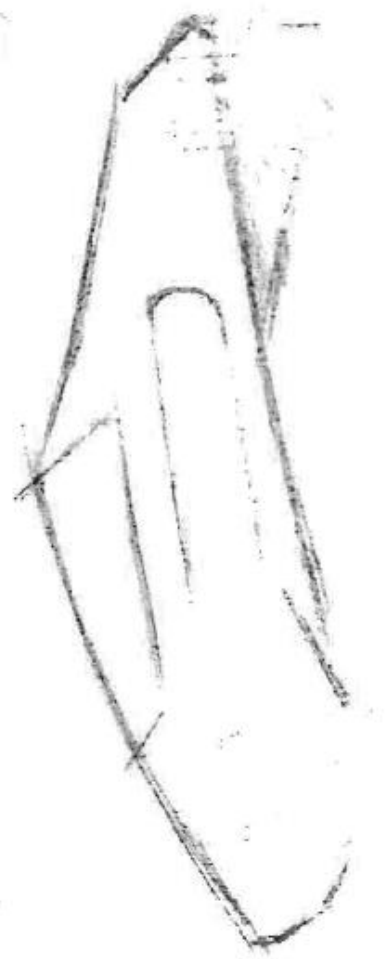
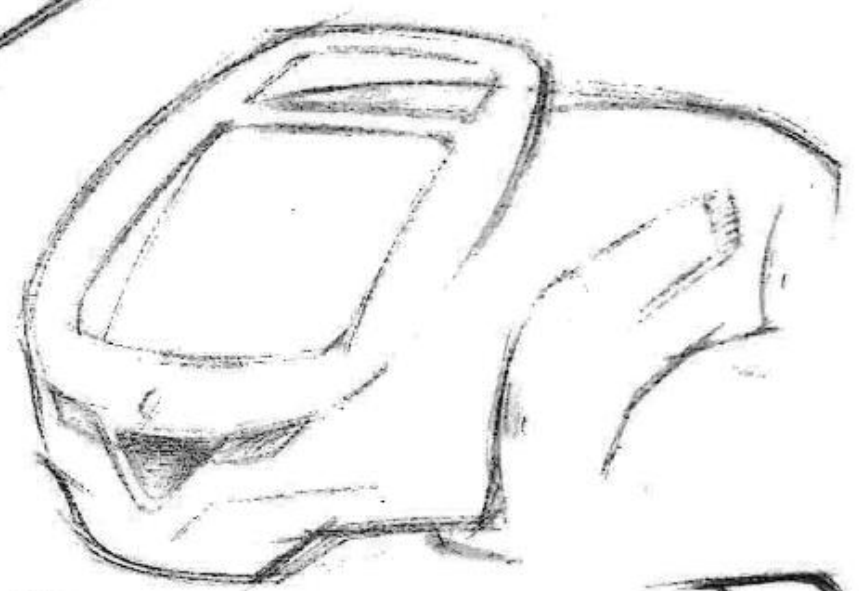
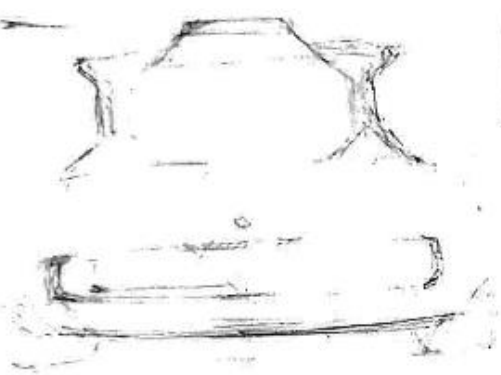
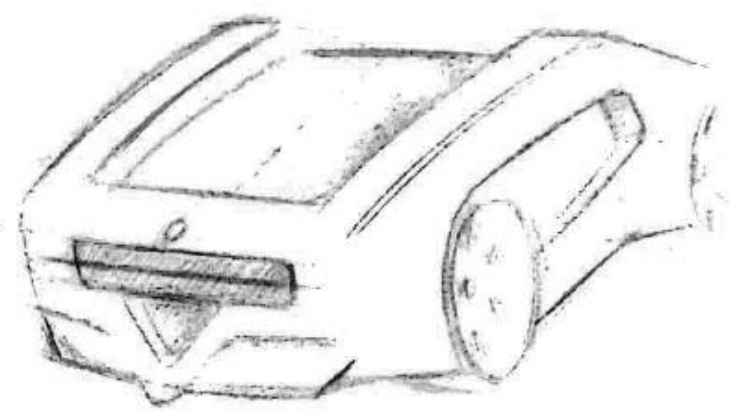
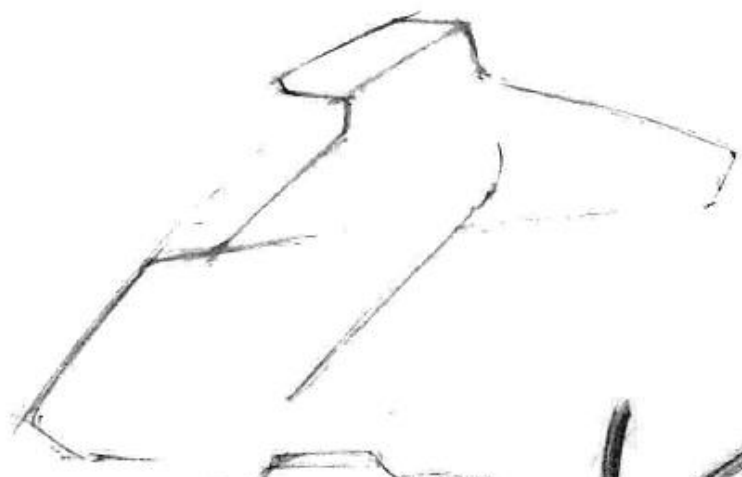
POP UPS?



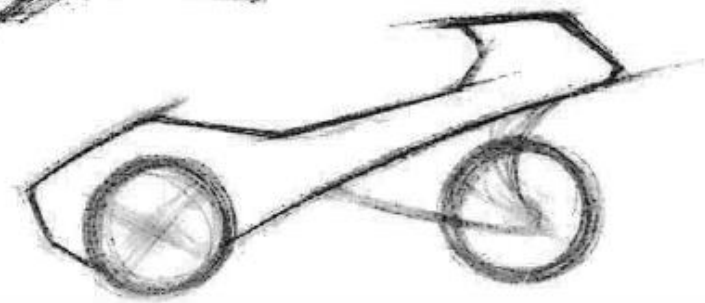
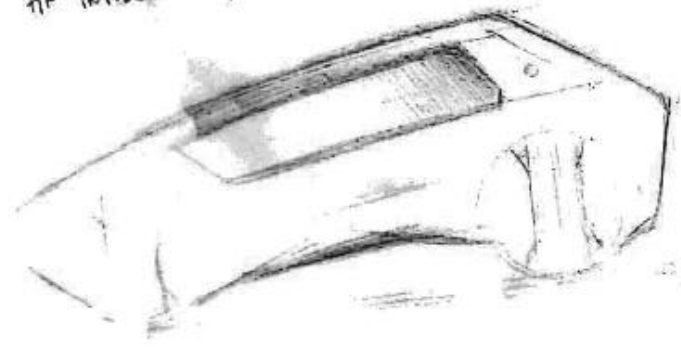
SEP 2001

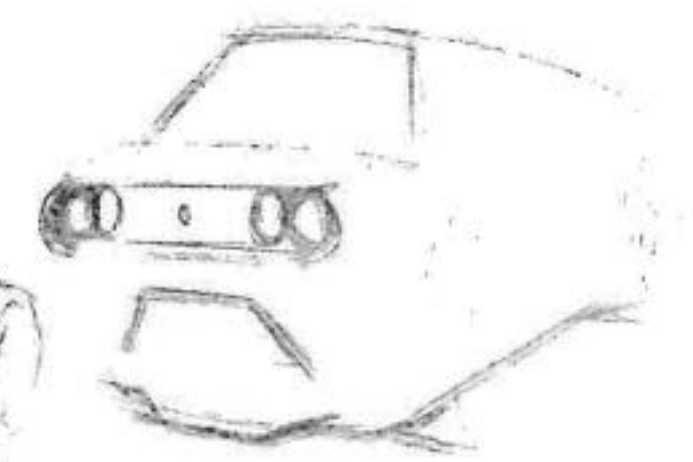
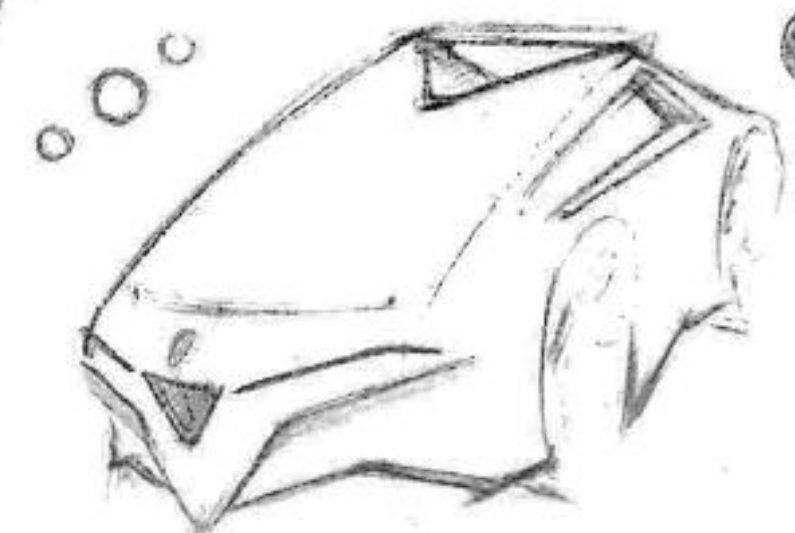


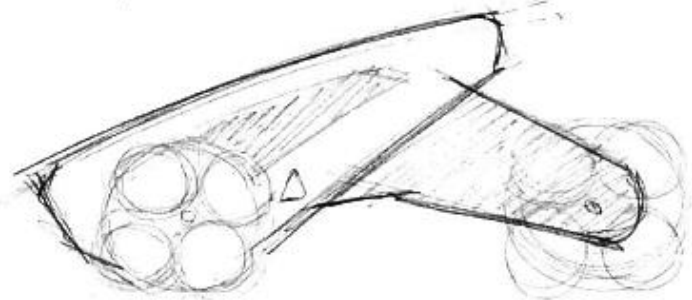
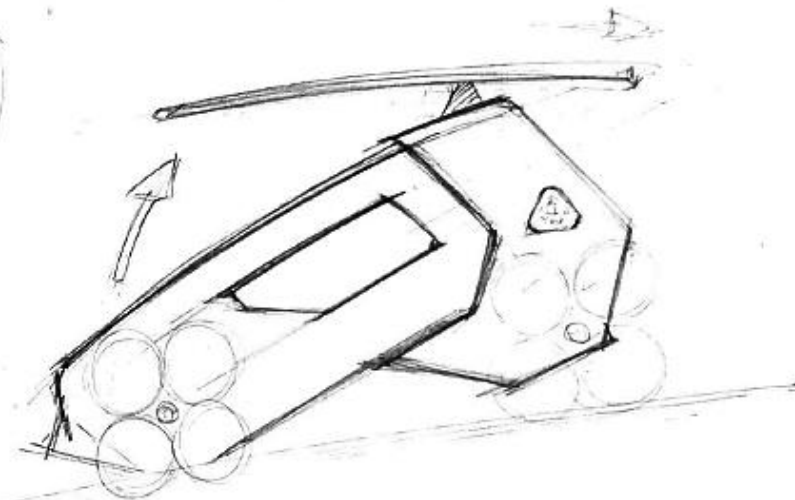
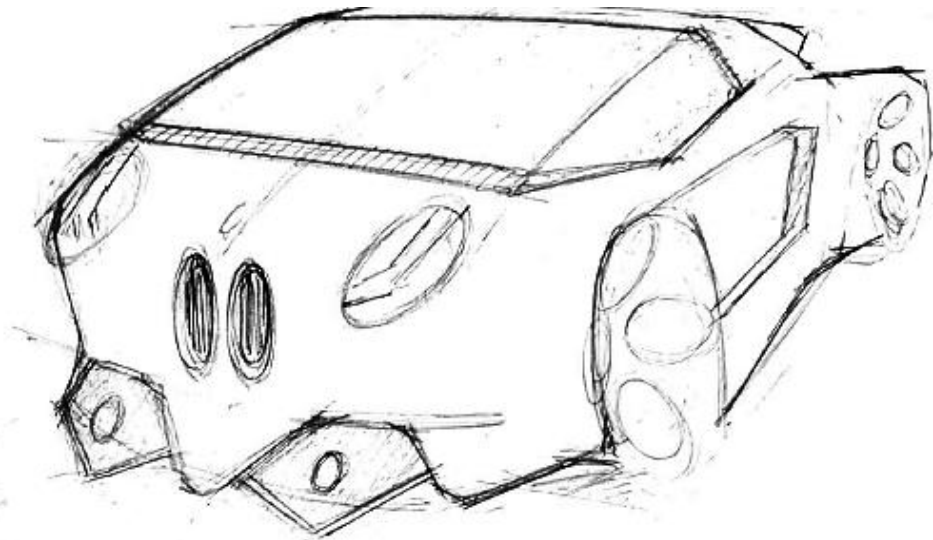
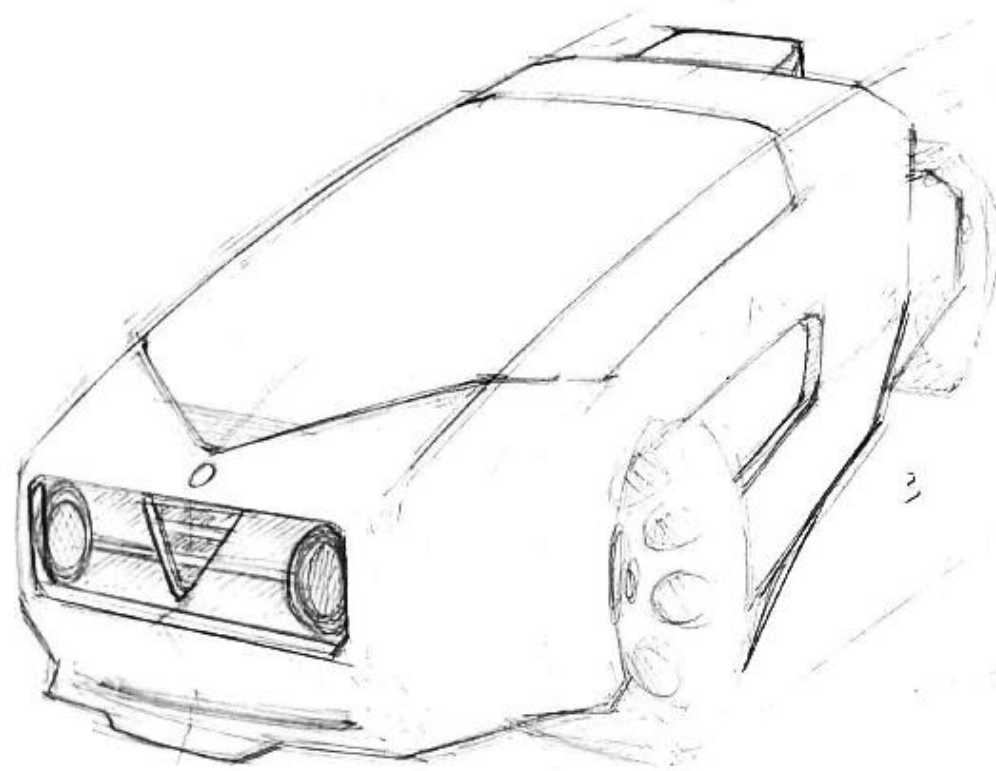
PCR - 170
EASY TRIP
NO MORE TRIP
NO MORE TRIP
NO MORE TRIP

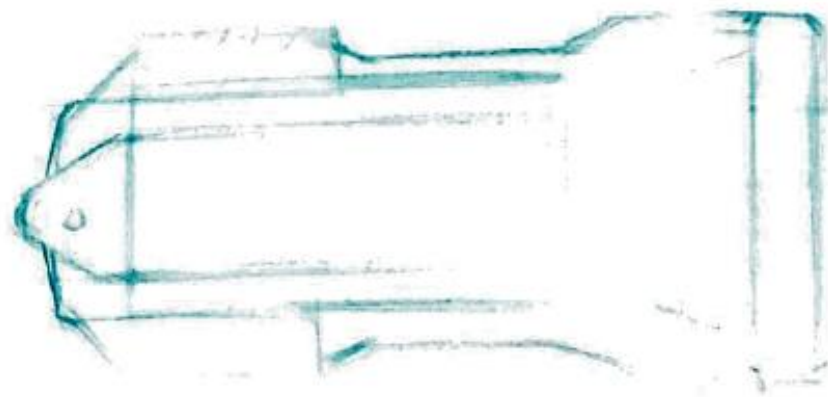
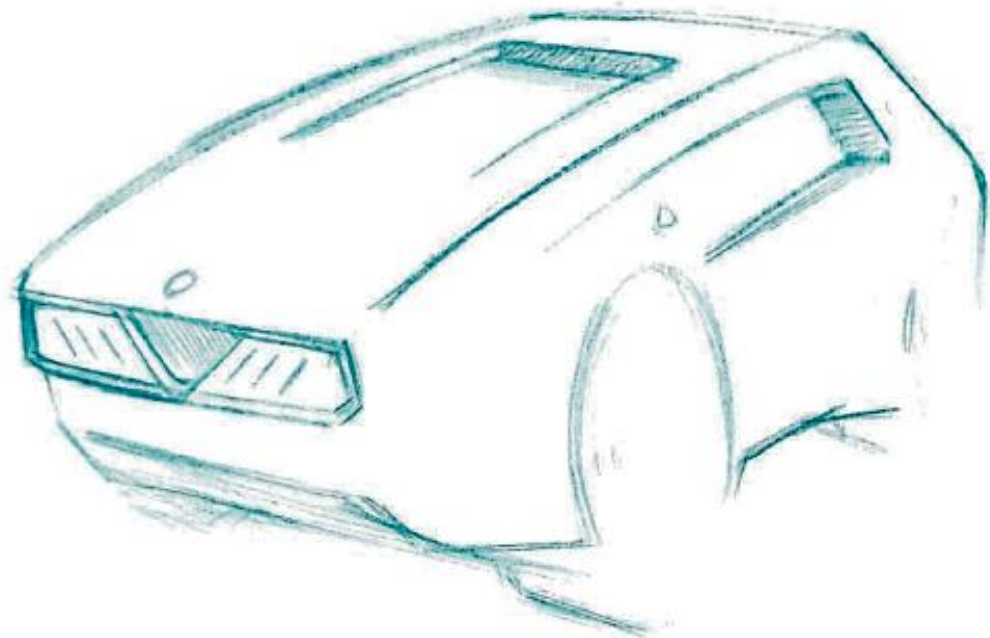
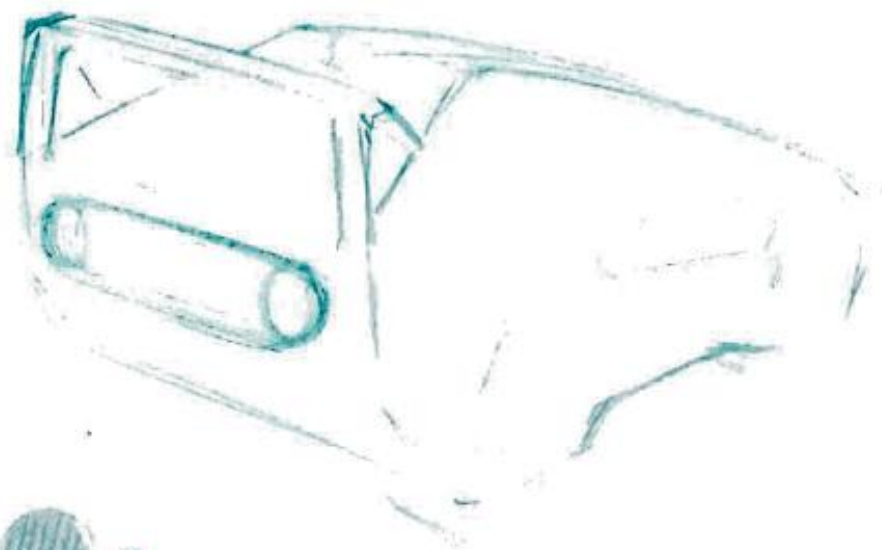


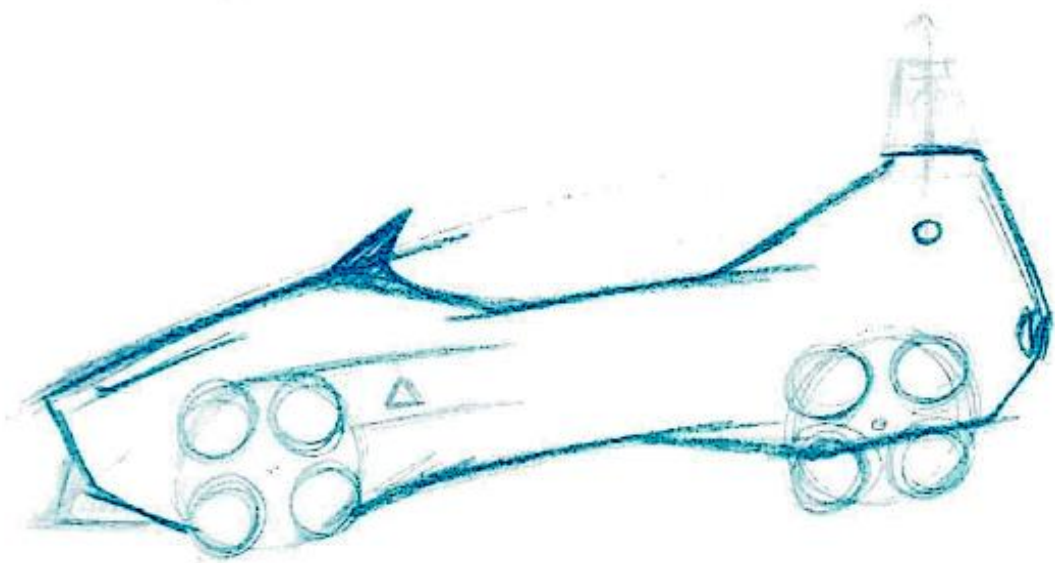
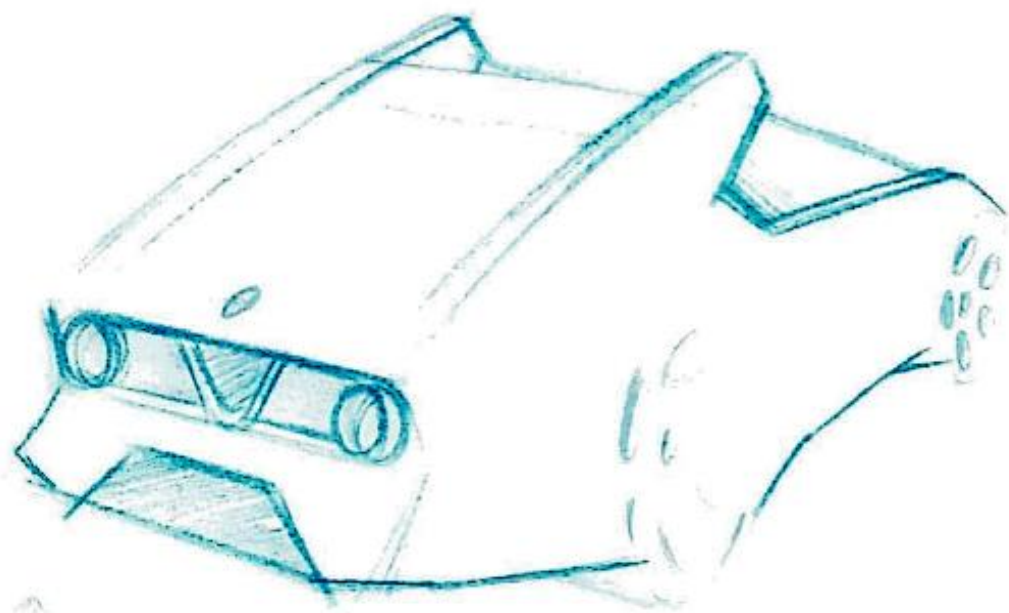
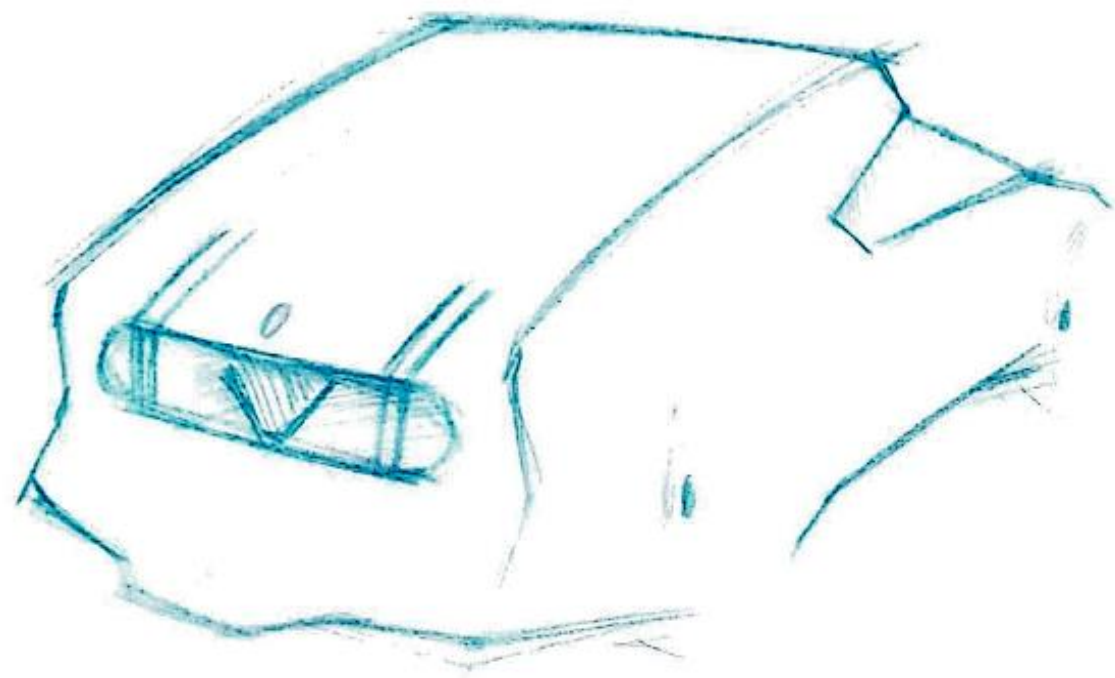
REMINDS ME OF
STANTIS ZERO CONCEPT /
HF INTEGRALE / S4 DELTA.

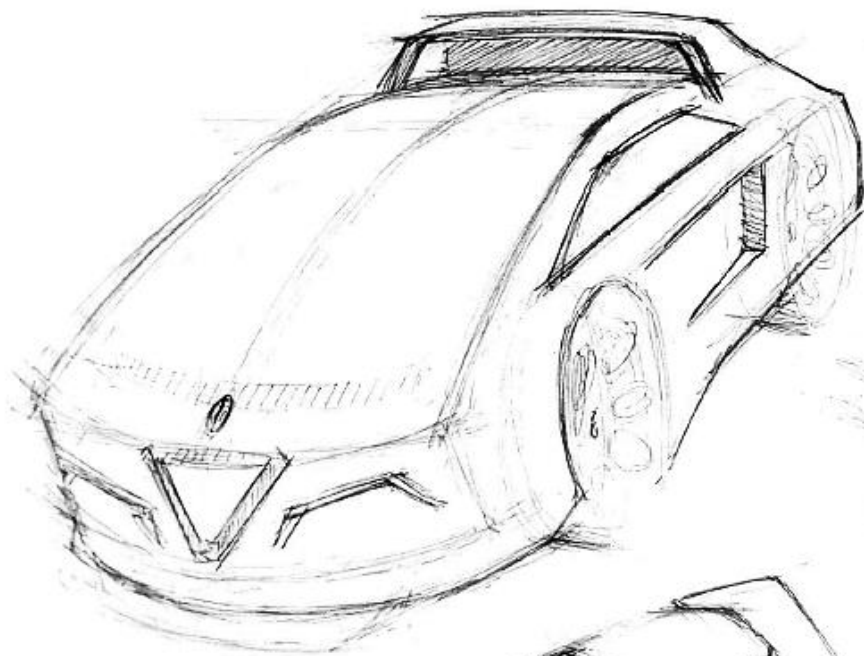
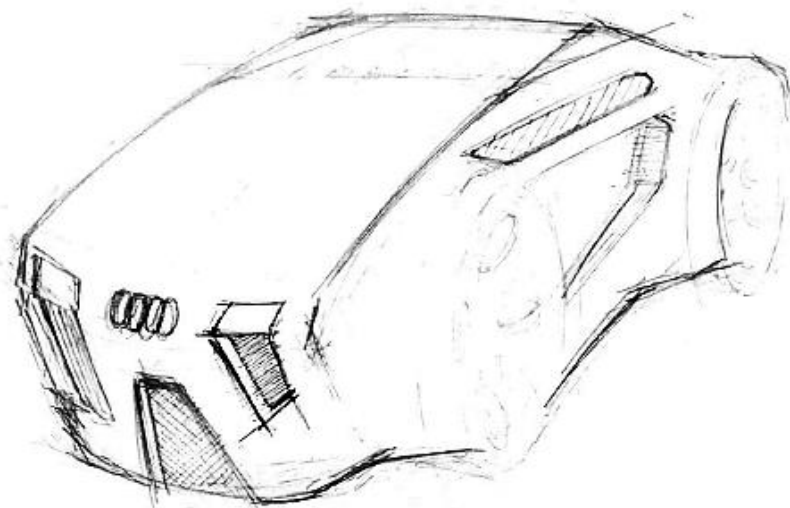
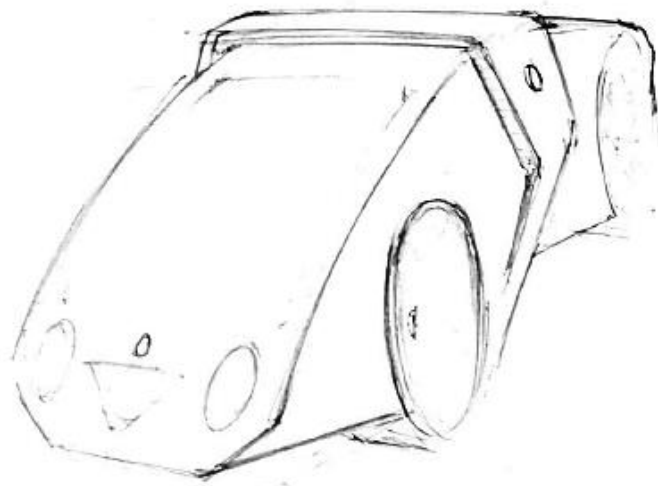




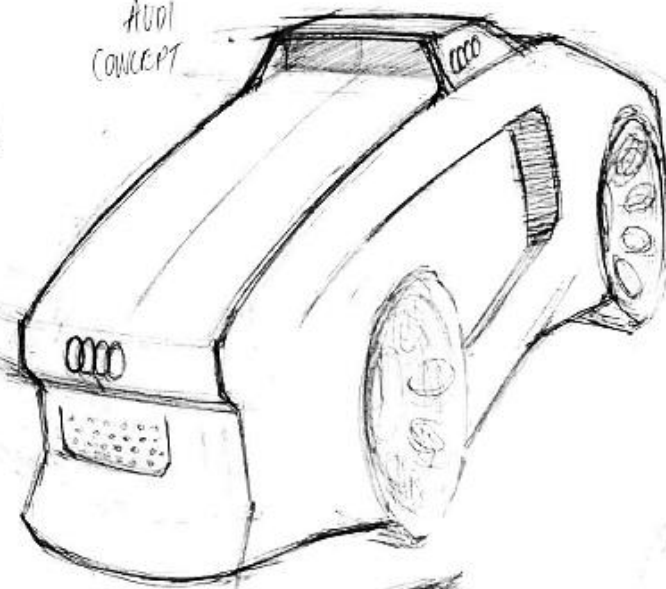


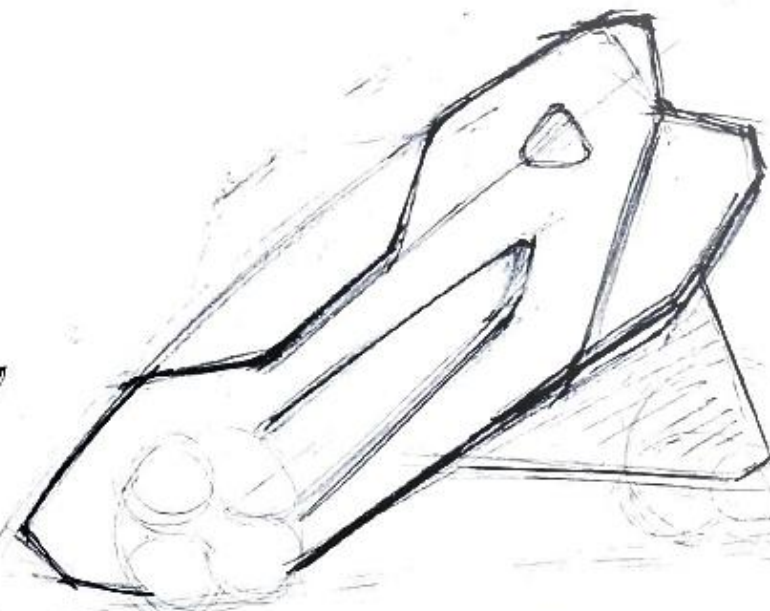
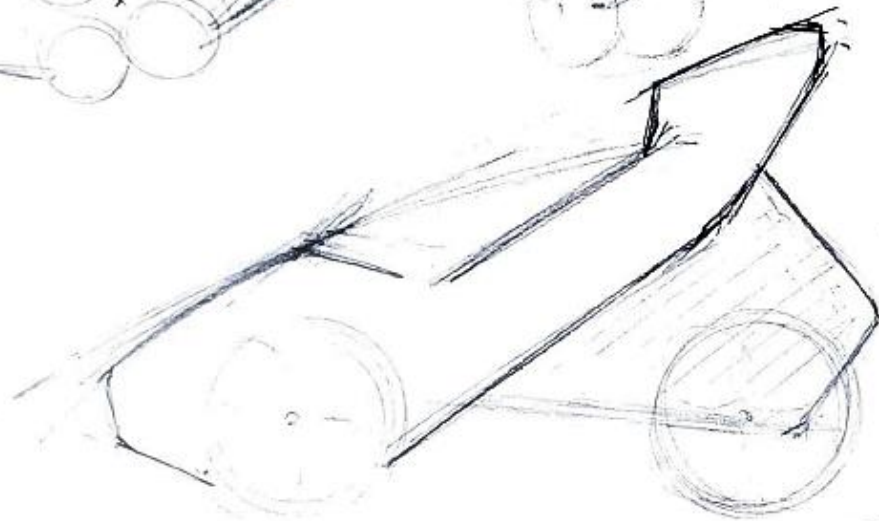
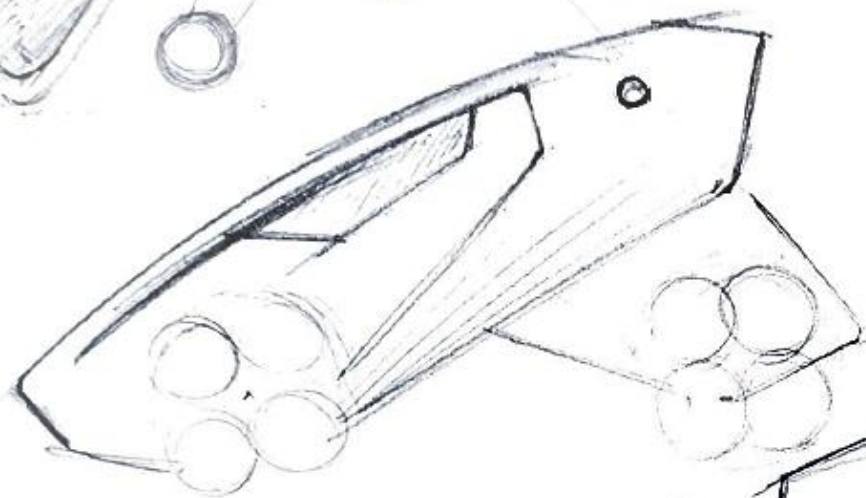
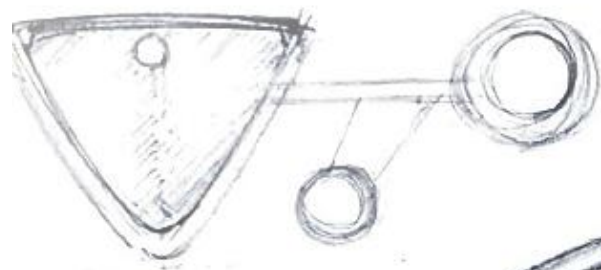






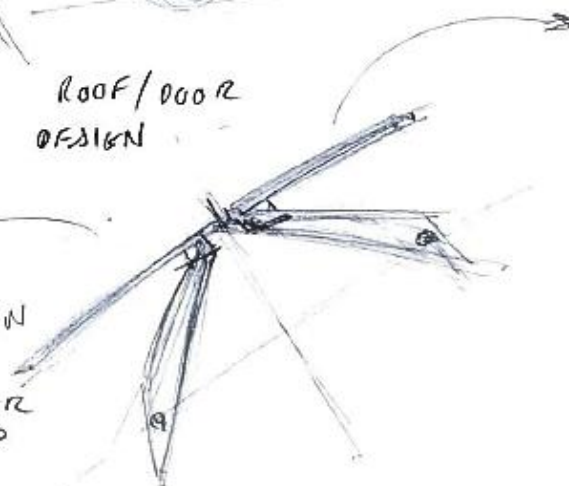
AUDI
CONCEPT

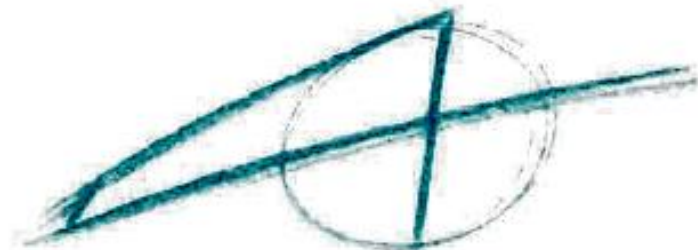
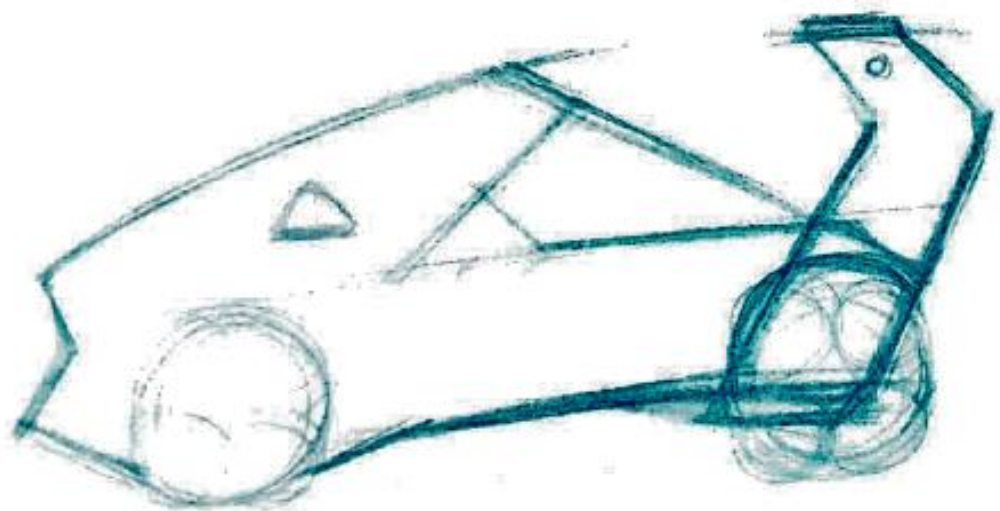
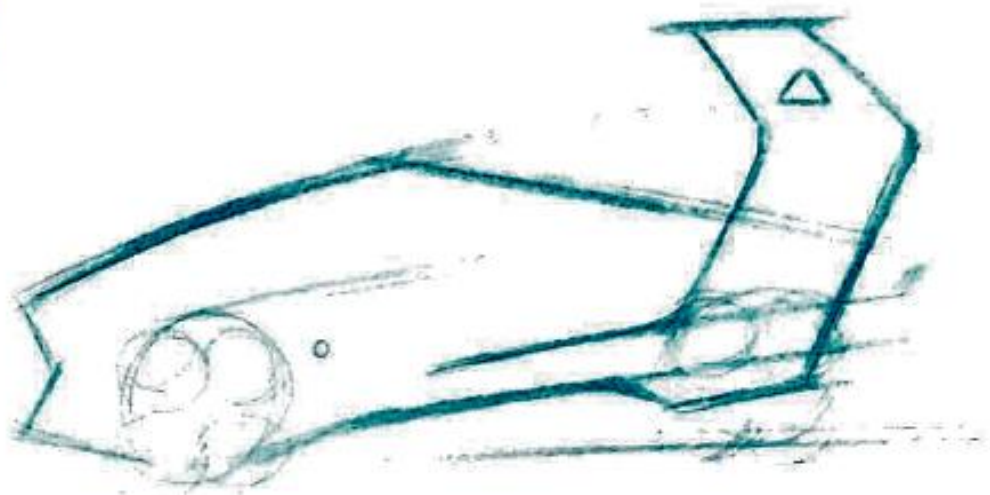
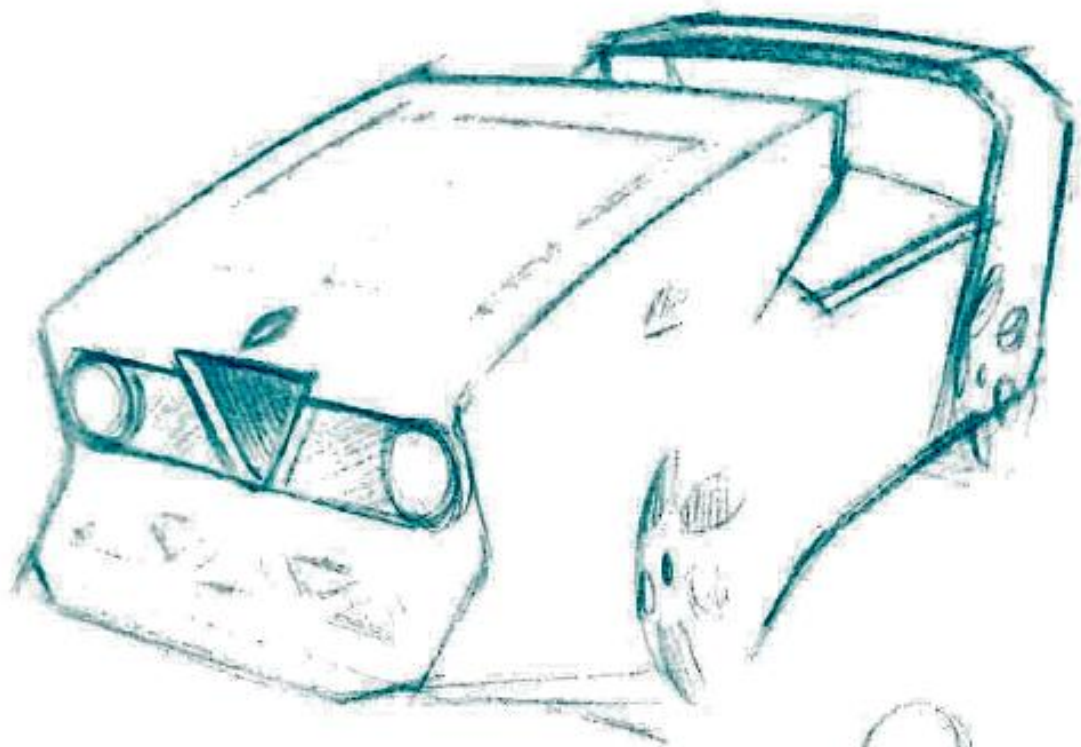


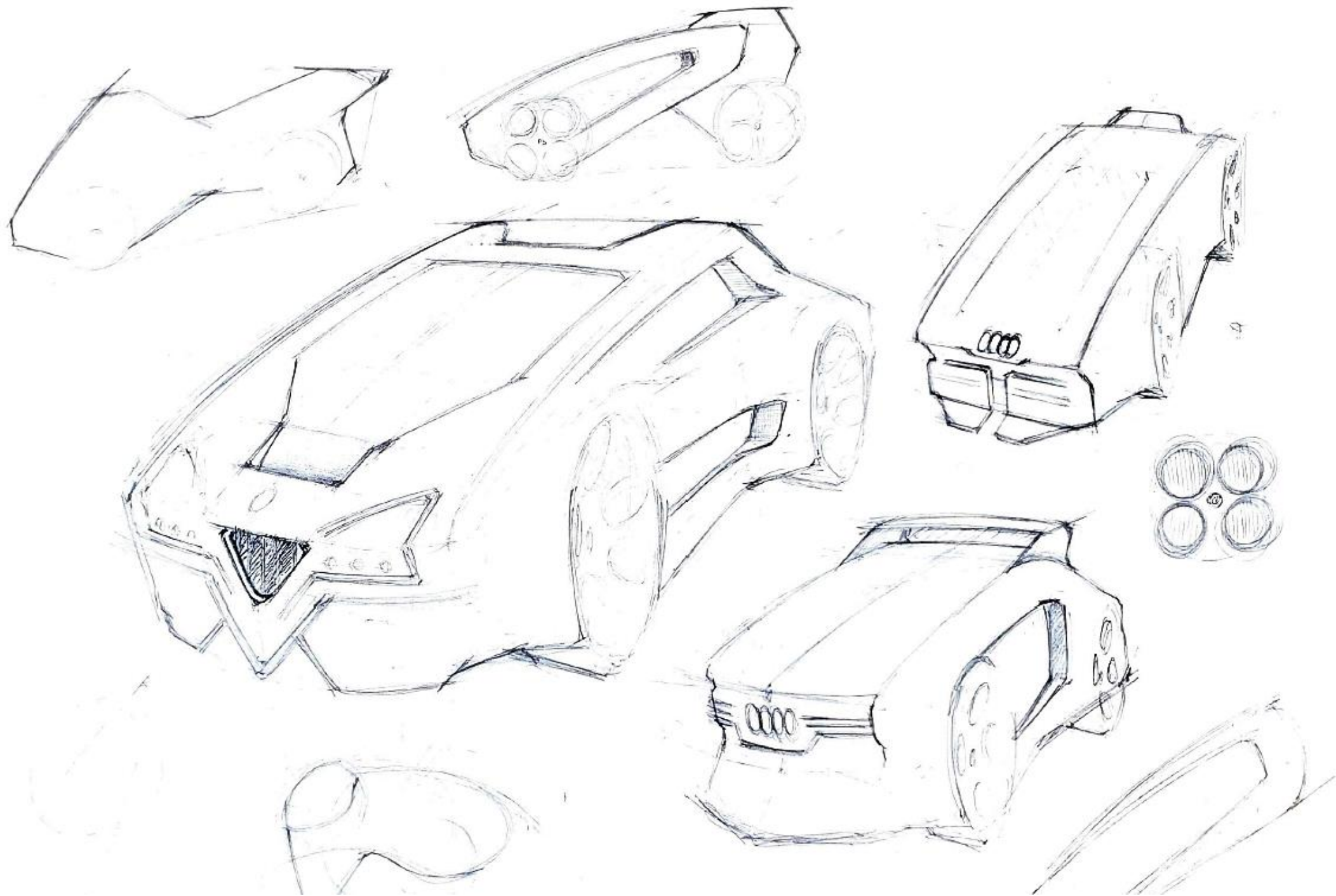


ROOF/DOOR
DESIGN

FRONT SECTION
FOLDS DOWN
IN FRONT OF CAR
TO FORM A STEP







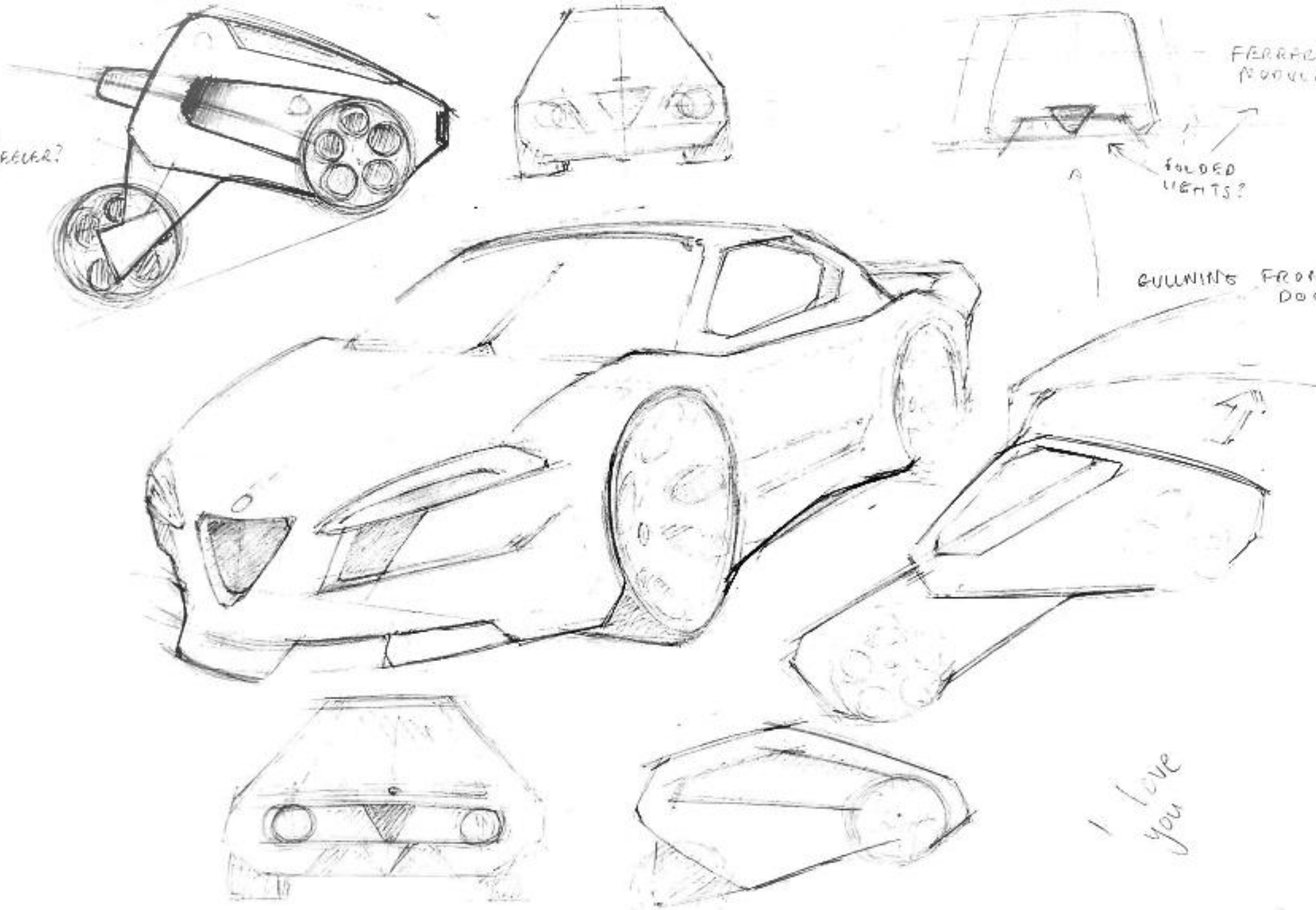
3
WHEELS?

FERRARI
ROVATO?

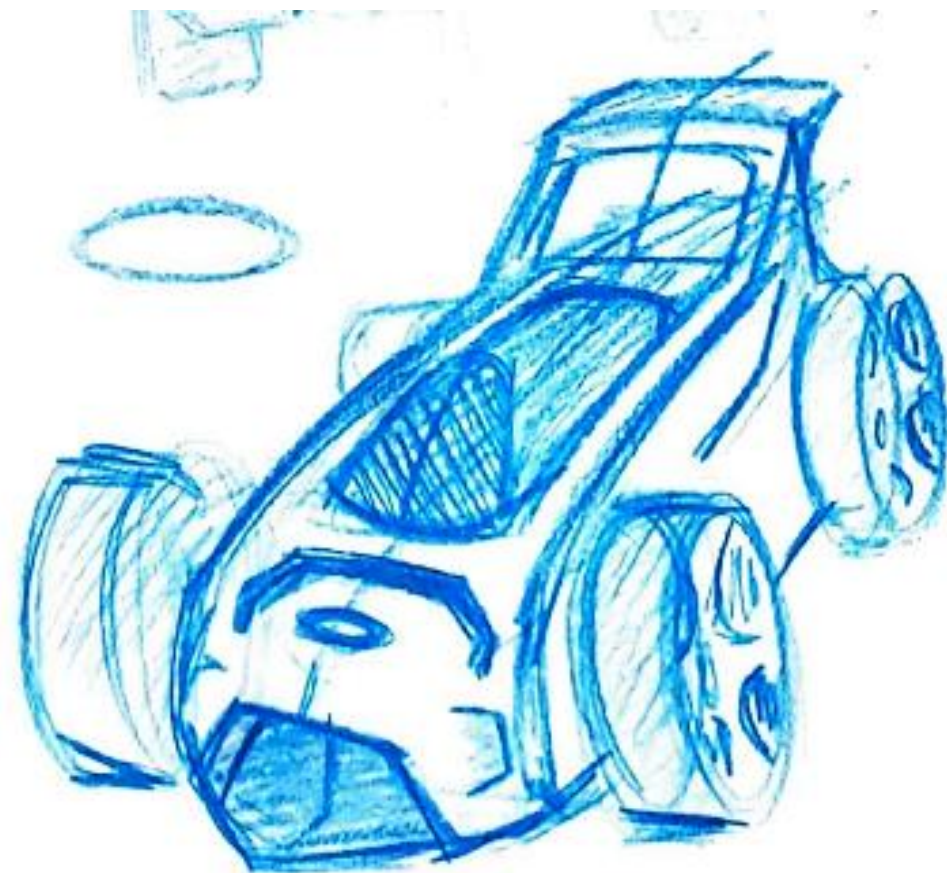
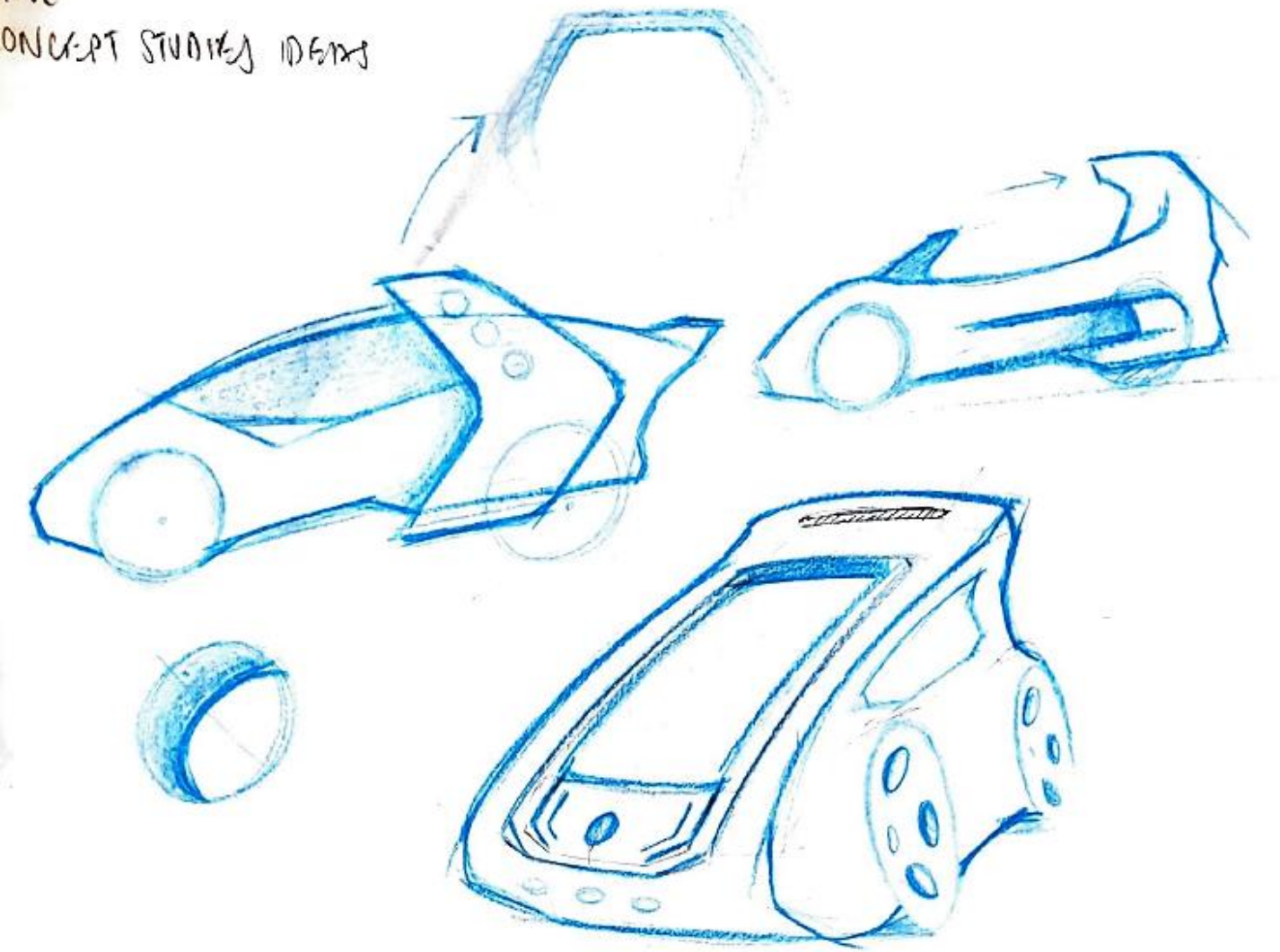
FOLDED
LIGHTS?

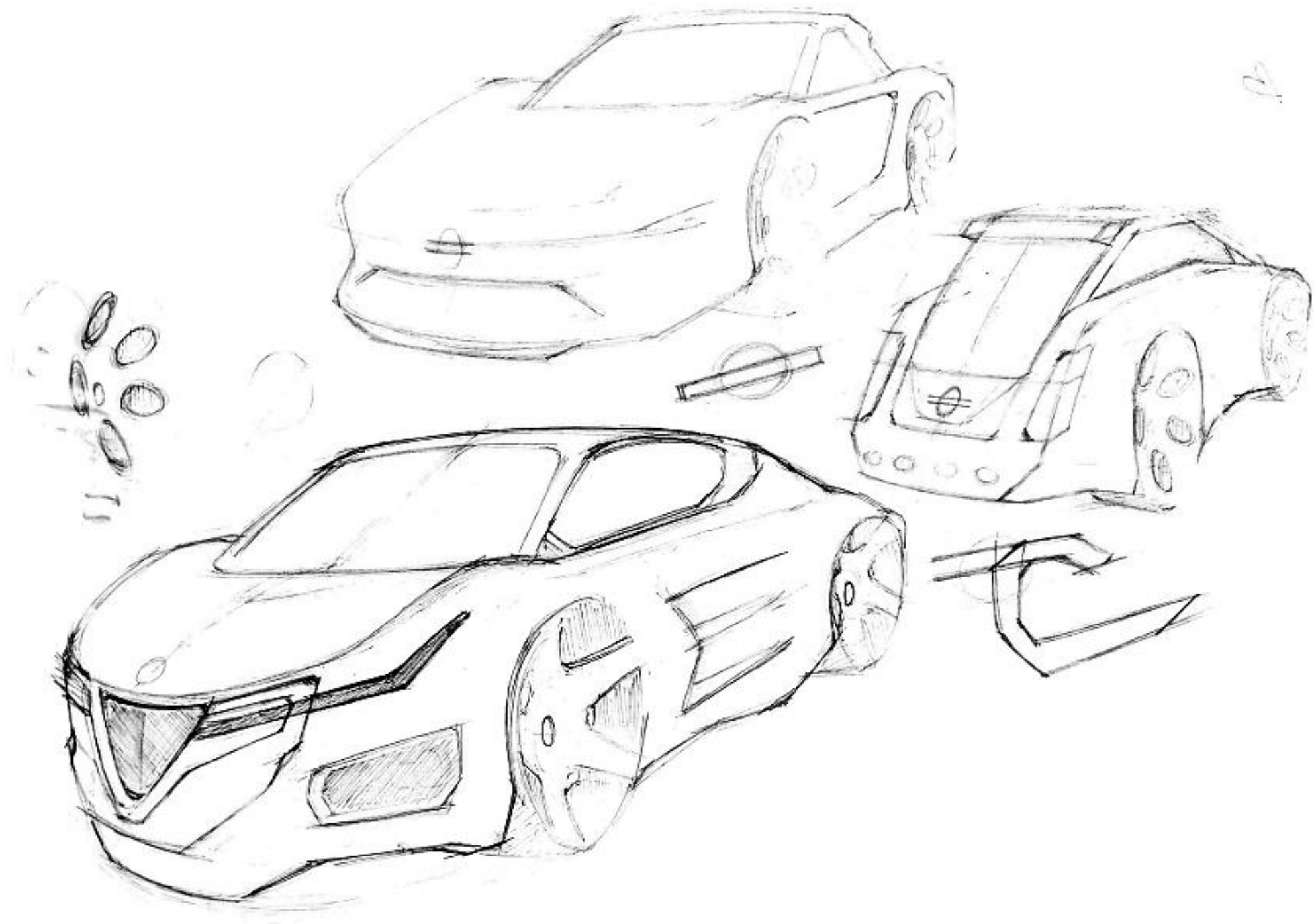
GUNNING FRONT
DOOR

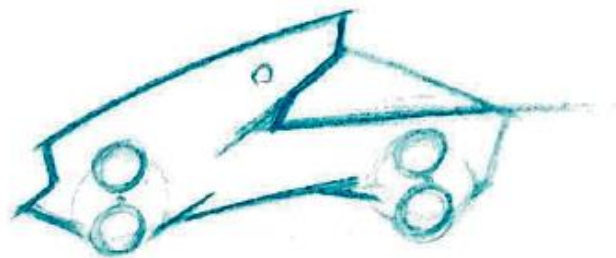
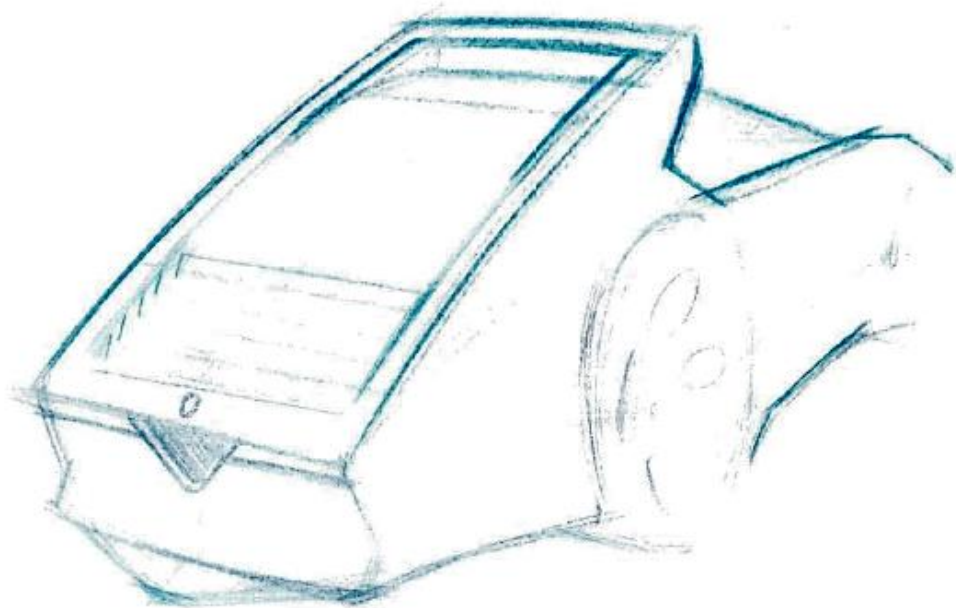
I love
you



AVL
CONCEPT STUDIES IDEAS

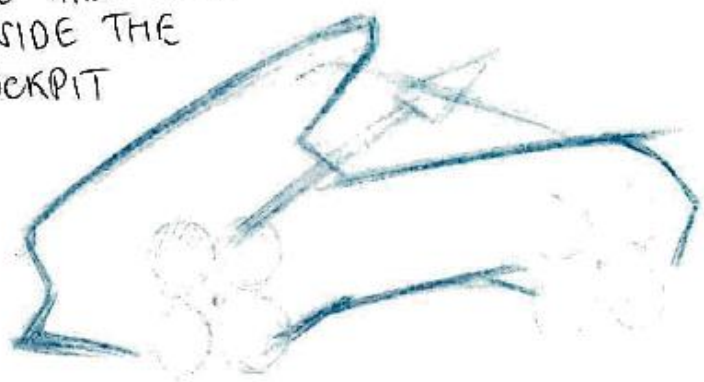


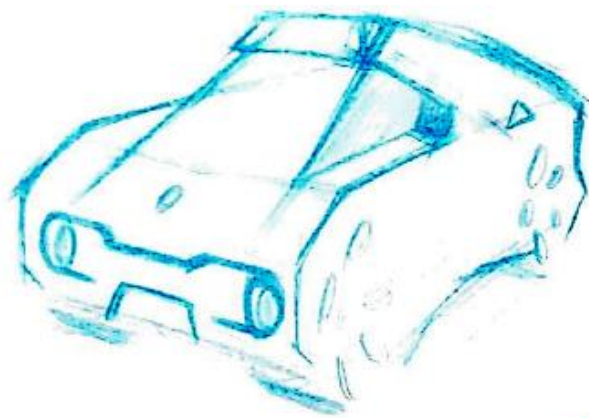




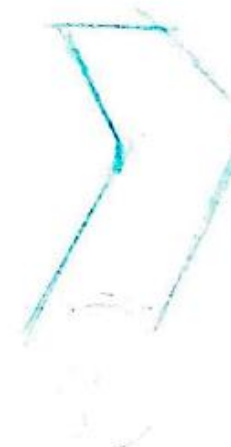
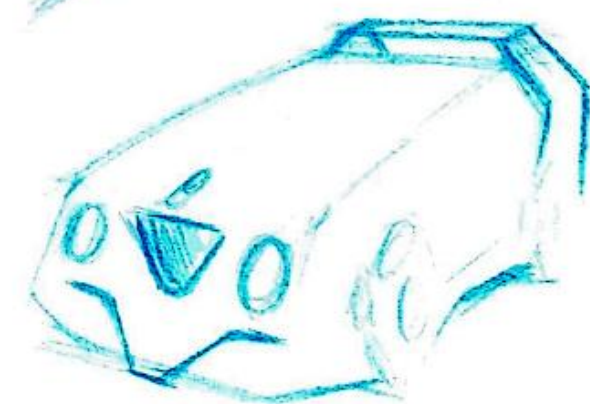
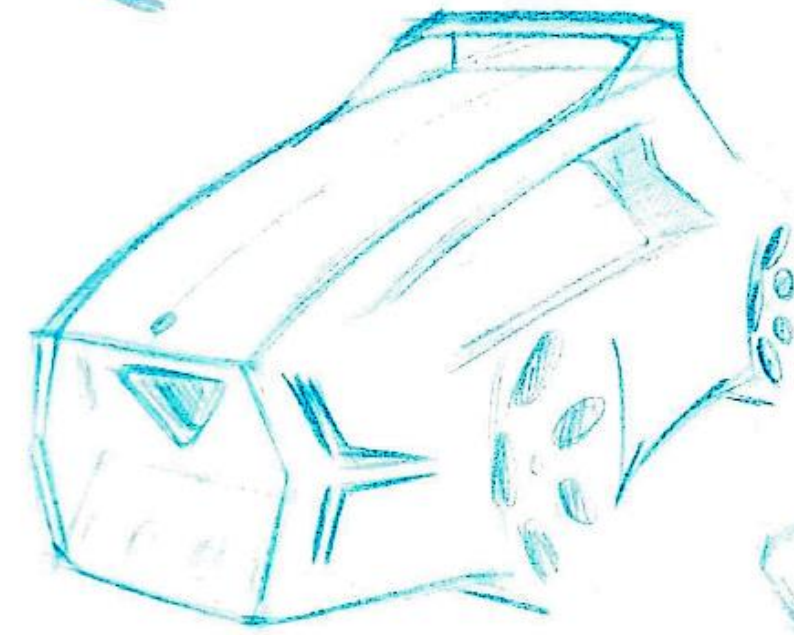
AIR ENTERING MAIN PRILL
IS DIRECTED TO FRONT BRAKES FOR COOLING.

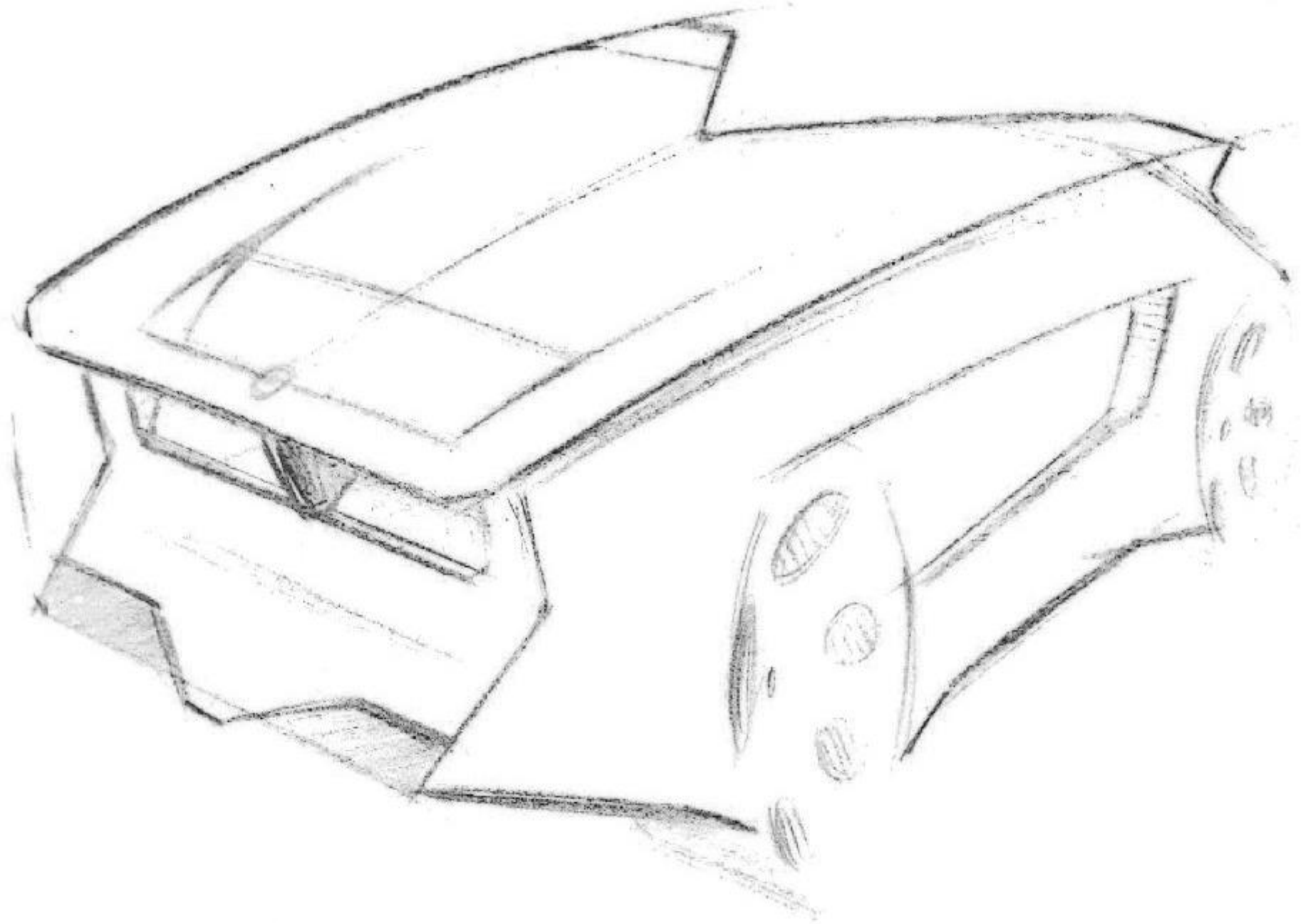
AIR THEN EXITS
ALONGSIDE THE
COCKPIT

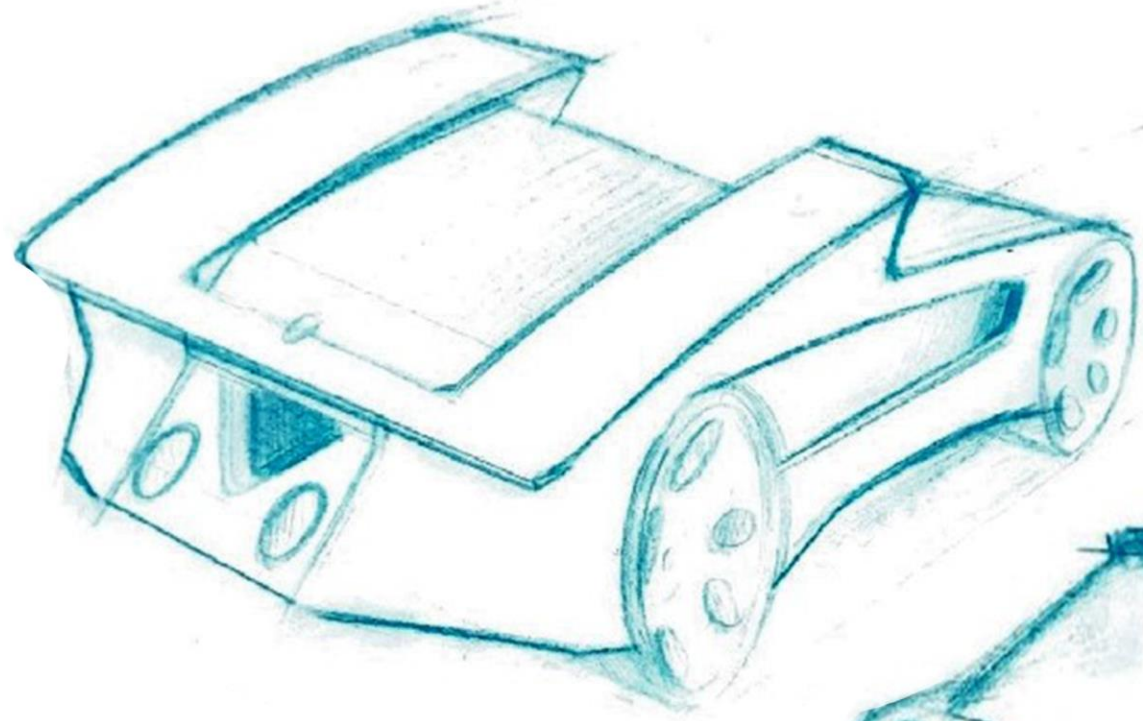




1 "DEFINING LINE"
ACROSS REAR



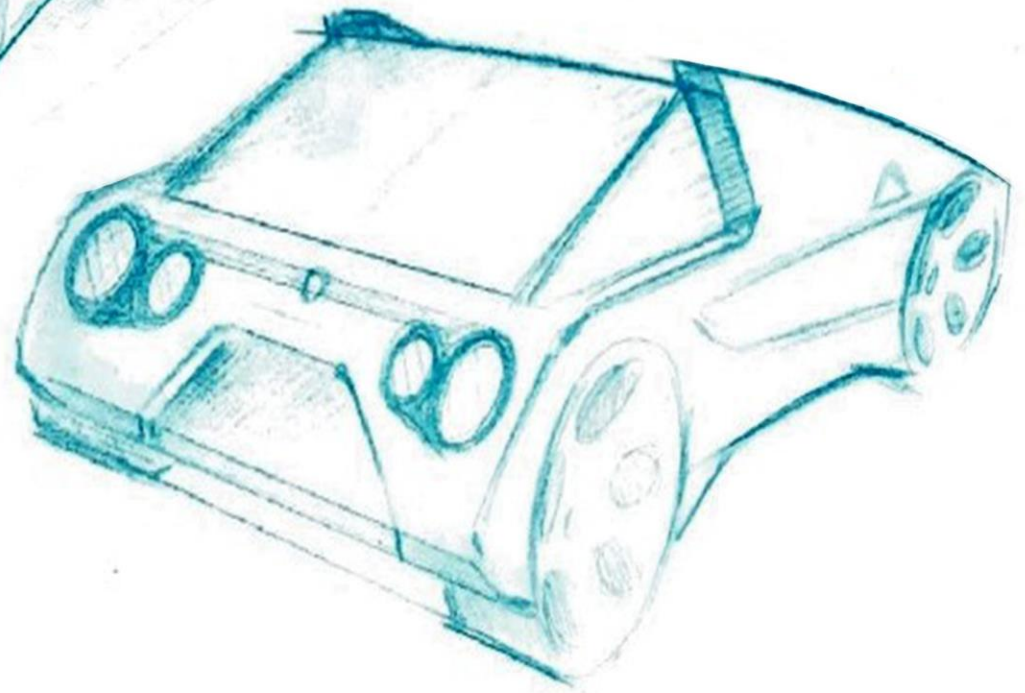




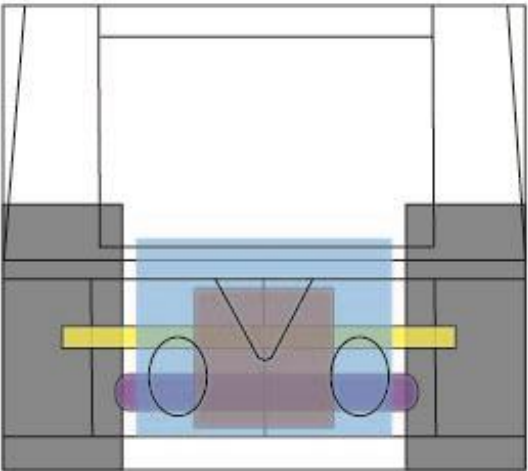
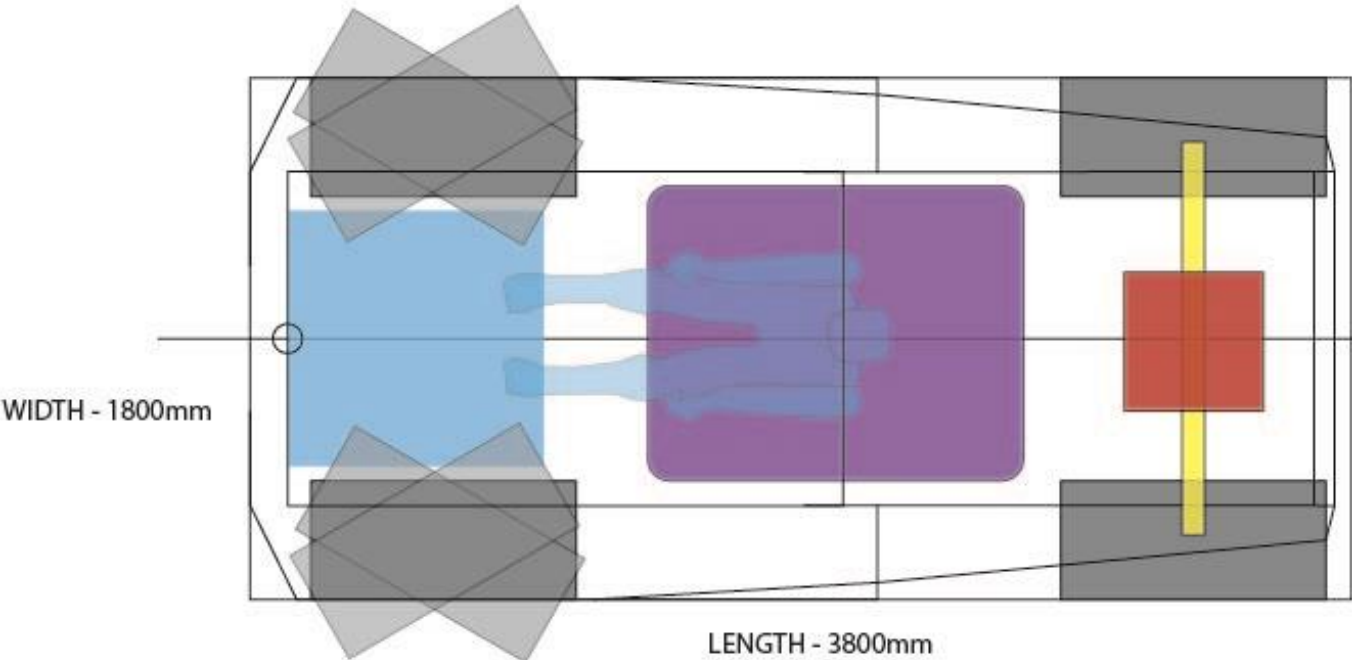
FRONT
WEDGE SHAPE
SLIDES DOWNWARD, OPENING
THE COCKPIT AND FORMING
A STEP INTO THE VEHICLE.

AIR EXITS
BESIDE COCKPIT.

WINDOWS AREN'T
NEEDED, THE AIM IS
TO HAVE 360° CAMERAS
TO FEED INTO COCKPIT
SCREENS.



- Tyres
- Battery
- Driveshaft
- Motor
- Storage
- 95th Percentile
- 5th Percentile



HEIGHT -
1600mm

