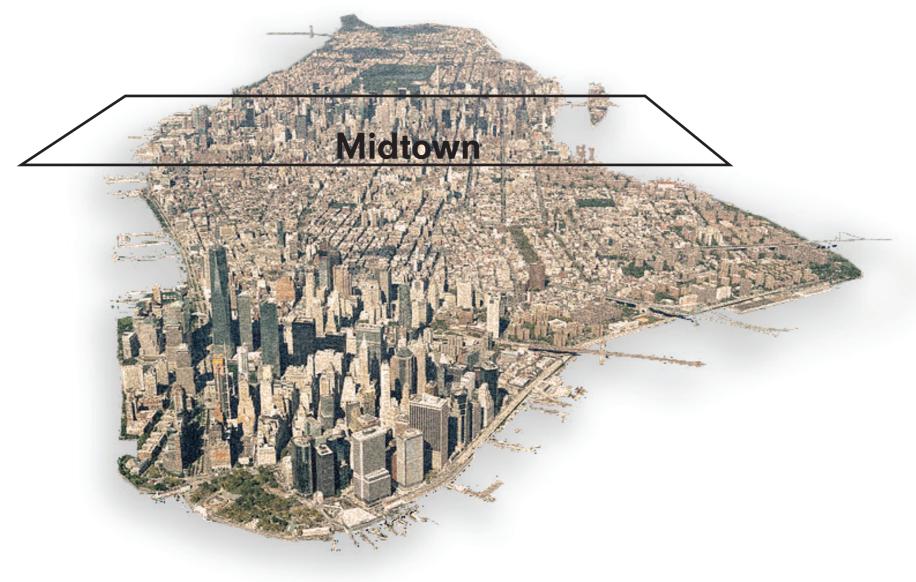




Area: 59.1 km² Population: 1,653,877

Source: NYC planning (2018)



Area: 5.8 km² Population: 226,121

Source: NYC planning (2010)



3.84 million people enter Manhattan through various entry points everyday

The M.T.A. is spending nearly a billion dollars on emergency repairs. But subway leaders say more than \$40 billion is needed to rebuild the subway and make it reliable again.

Photo from Melissa Jardine, via Twitter

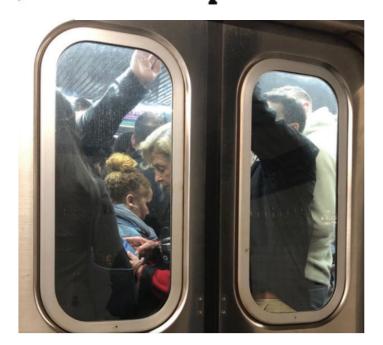


Your Subway Was Delayed by 1930s Signals. A Fix Is Finally Coming.

To upgrade signals, the M.T.A. plans to spend \$7 billion. But the much-needed repairs could mean fewer trains on nights and weekends.

Opinion

New York City Is Thriving. Why Is Transport Such a Nightmare?





The M.T.A. is spending nearly a billion dollars on emergency repairs. But subway leaders say more than \$40 billion is needed to rebuild the subway and make it reliable again.

Photo from Melissa Jardine, via Twitter

Opinion

New York City Is The Is Transport Such

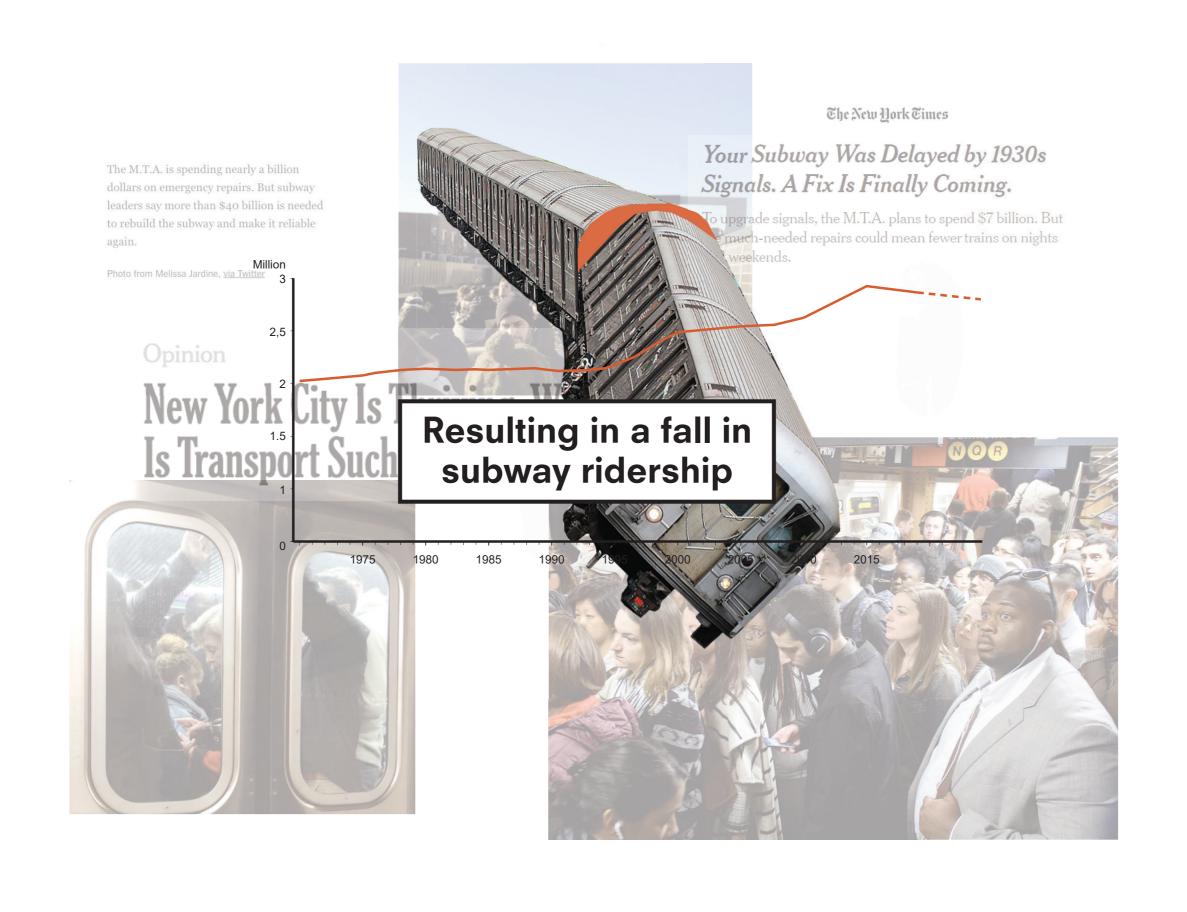


The New York Times

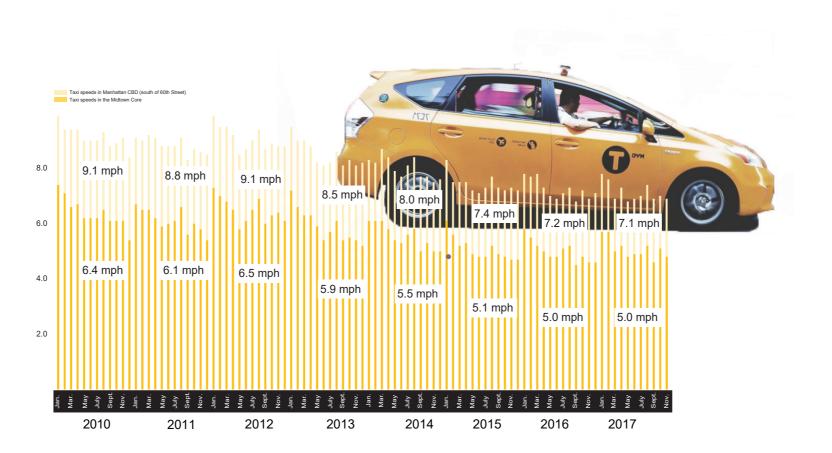
Your Subway Was Delayed by 1930s Signals. A Fix Is Finally Coming.

To upgrade signals, the M.T.A. plans to spend \$7 billion. But the much-needed repairs could mean fewer trains on nights and weekends.

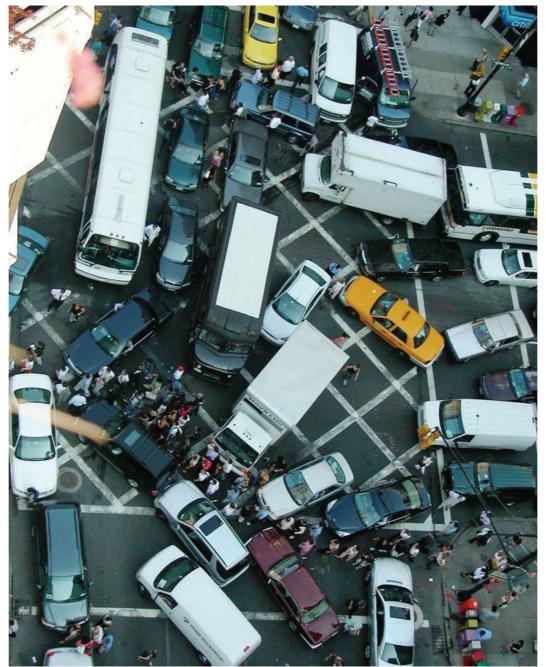




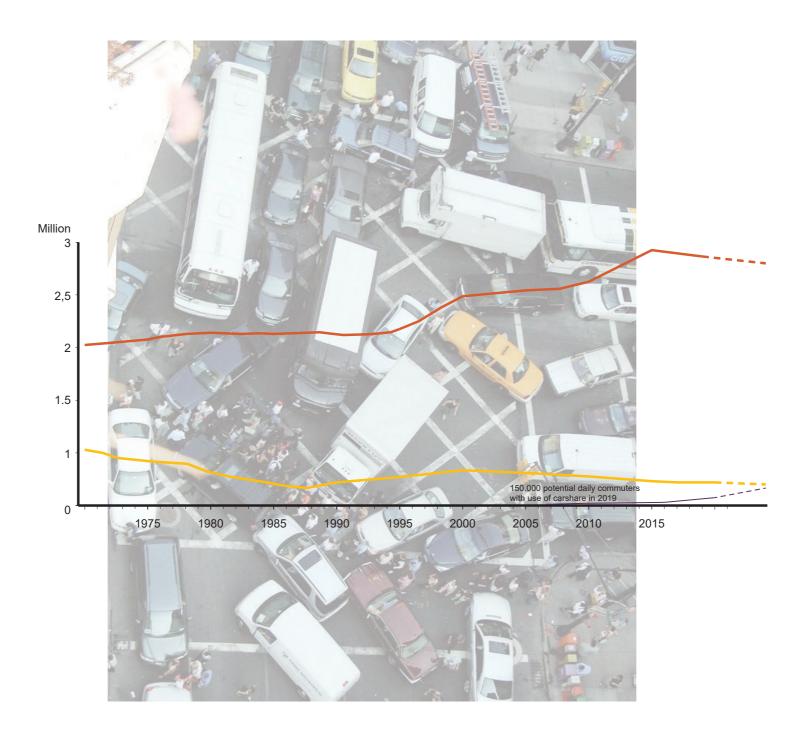




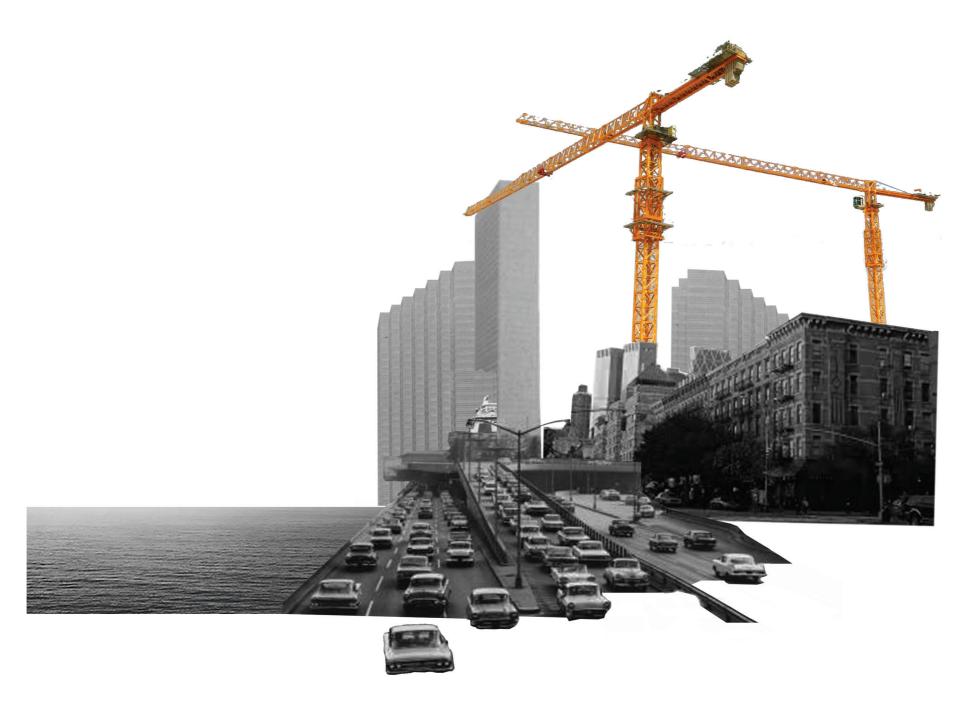
Traffic speeds have dropped in Midtown



Gridlock at 1st Avenue and 57th Street in 2007



Only getting worse because of the ride-hailing industry

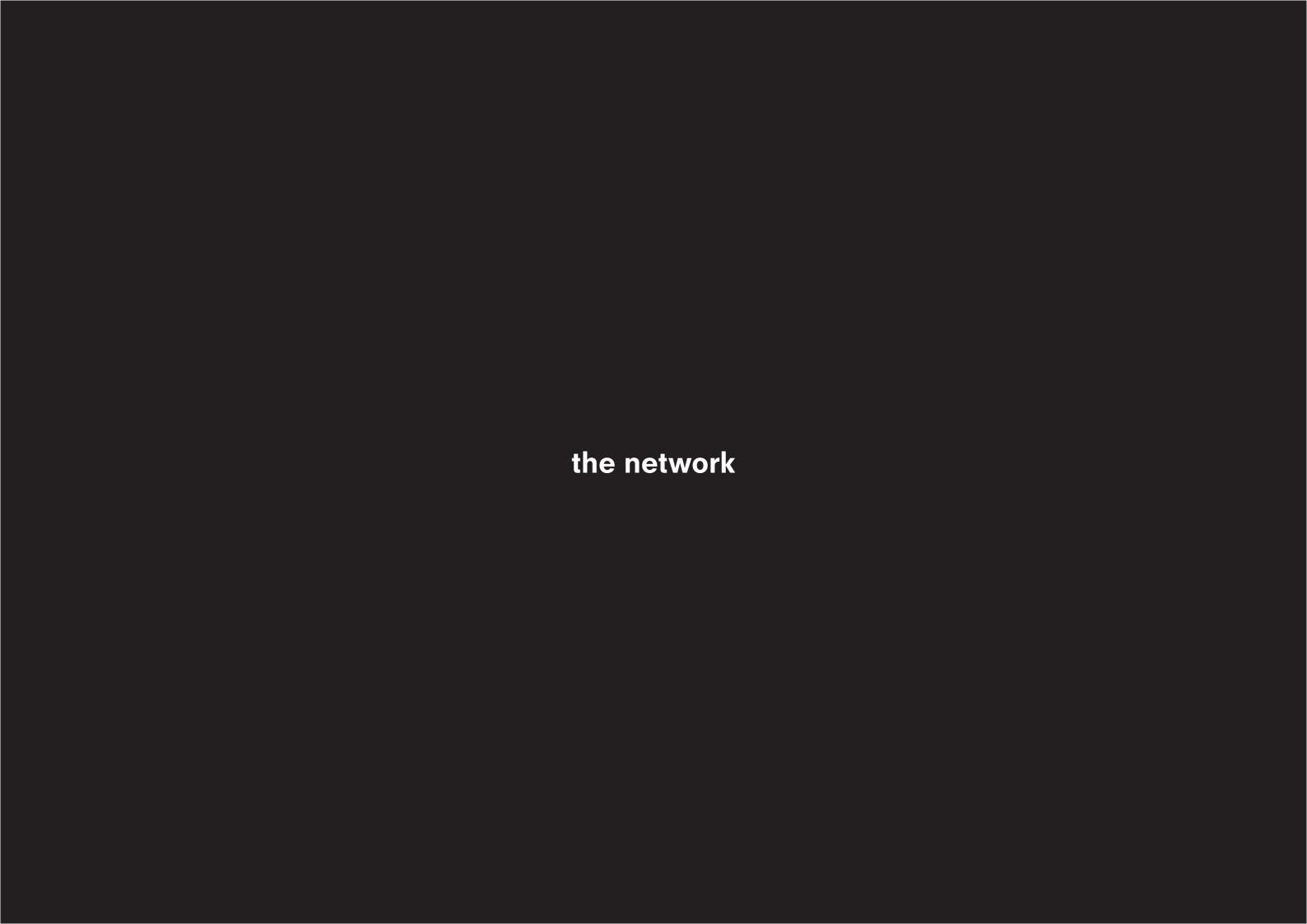


And the city keeps on expanding meaning more people

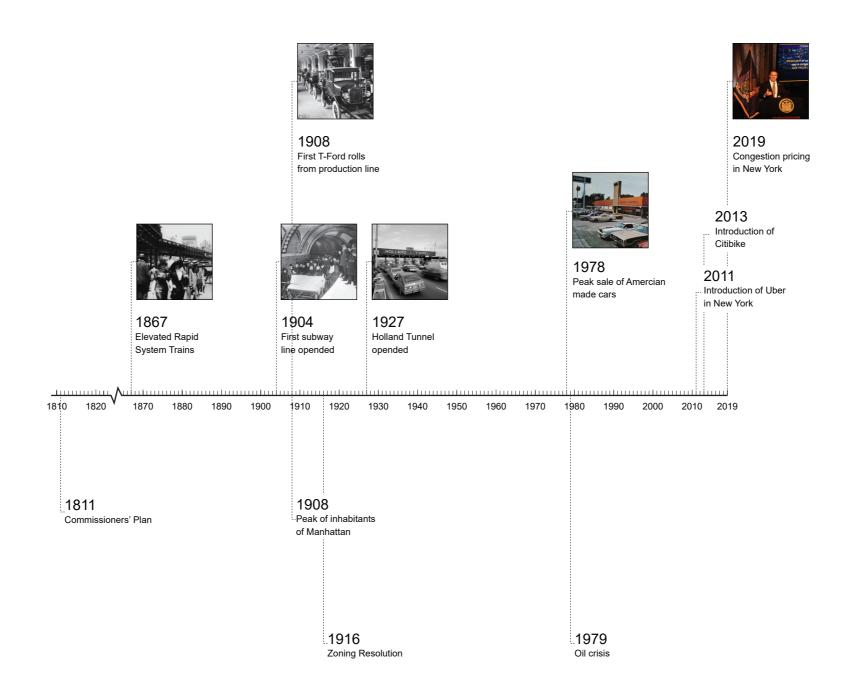


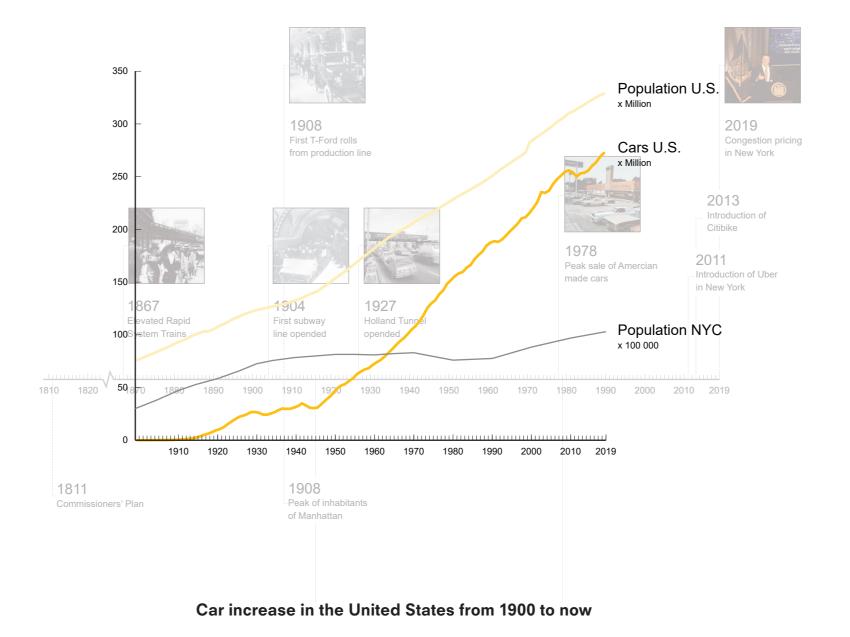
including more cars



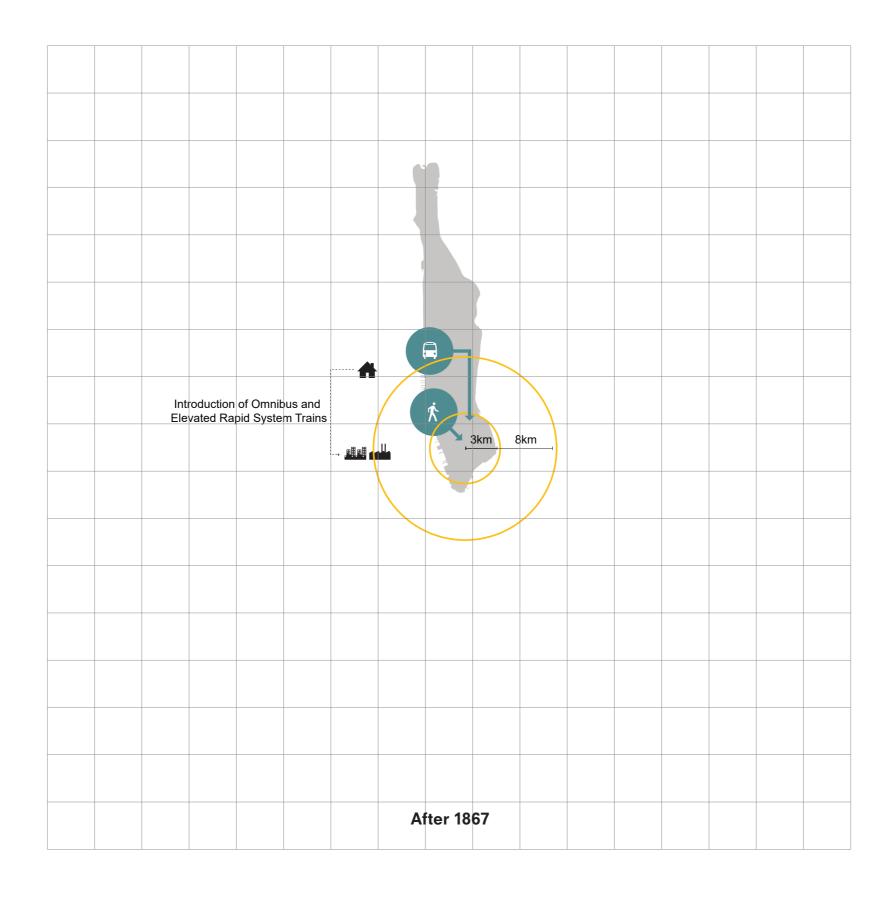


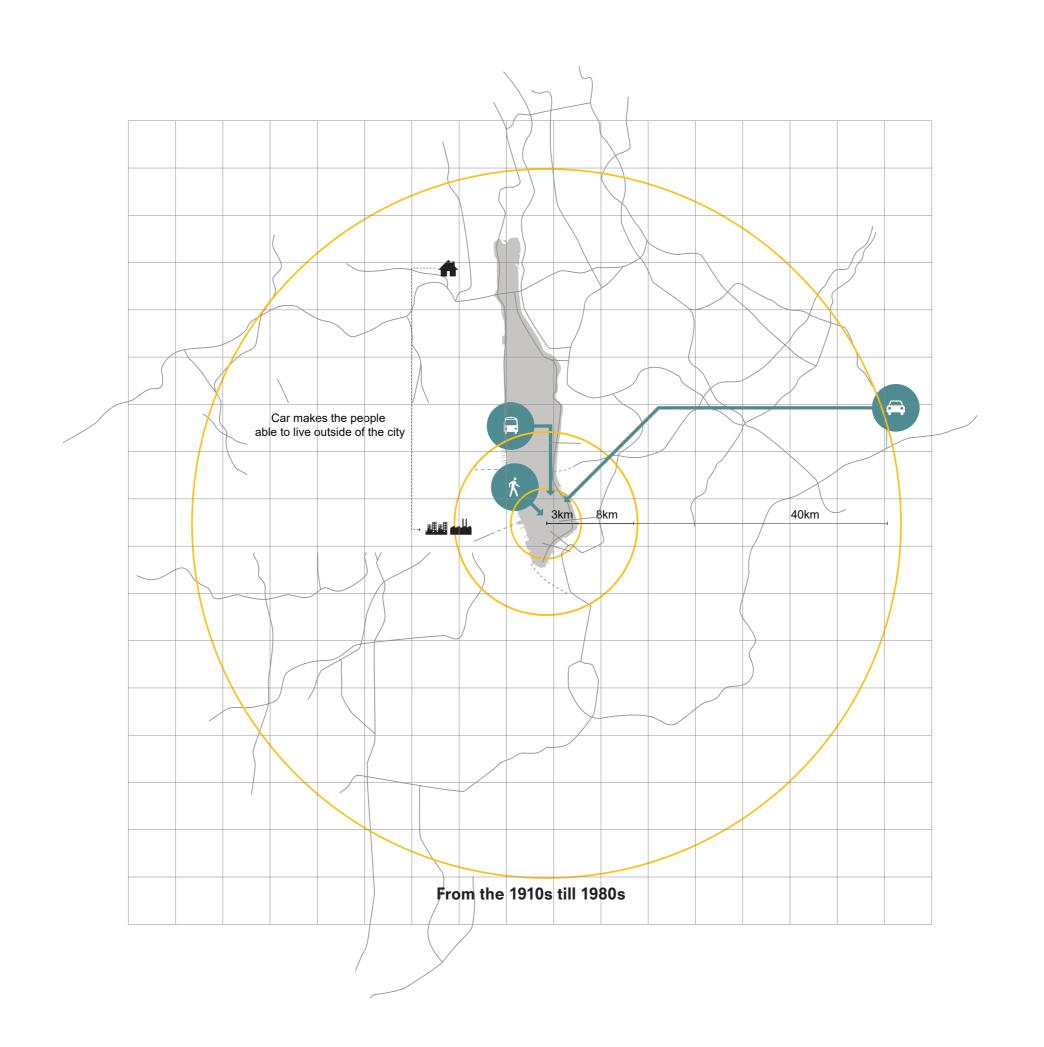


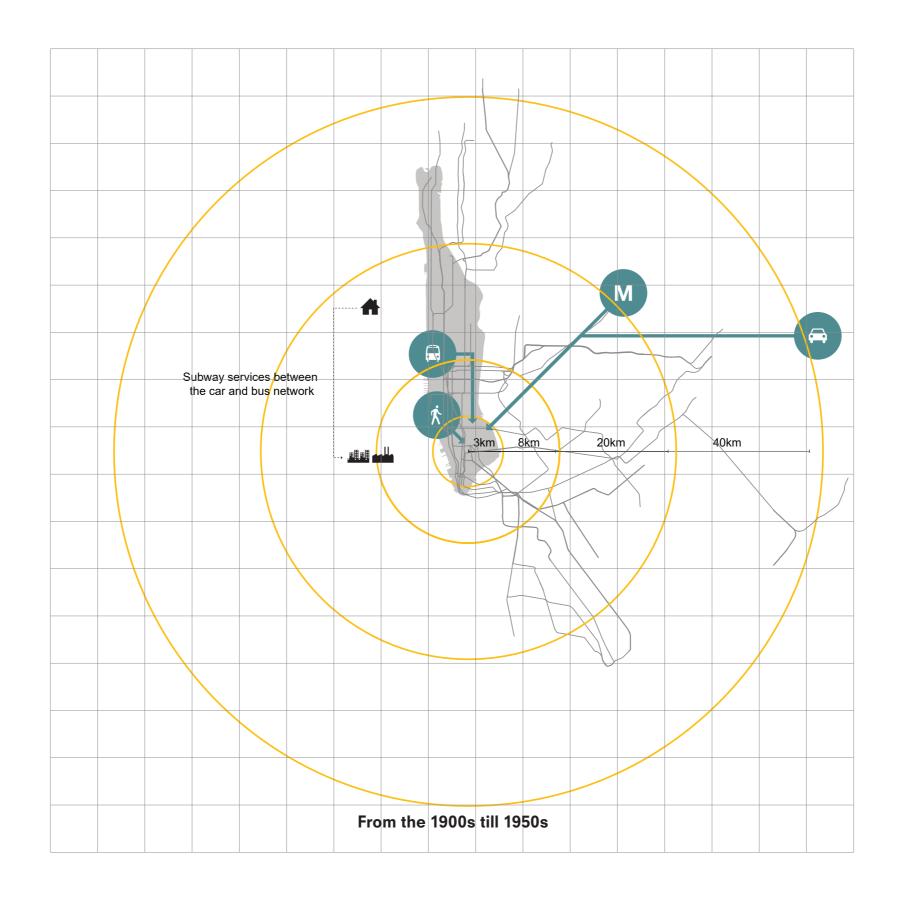


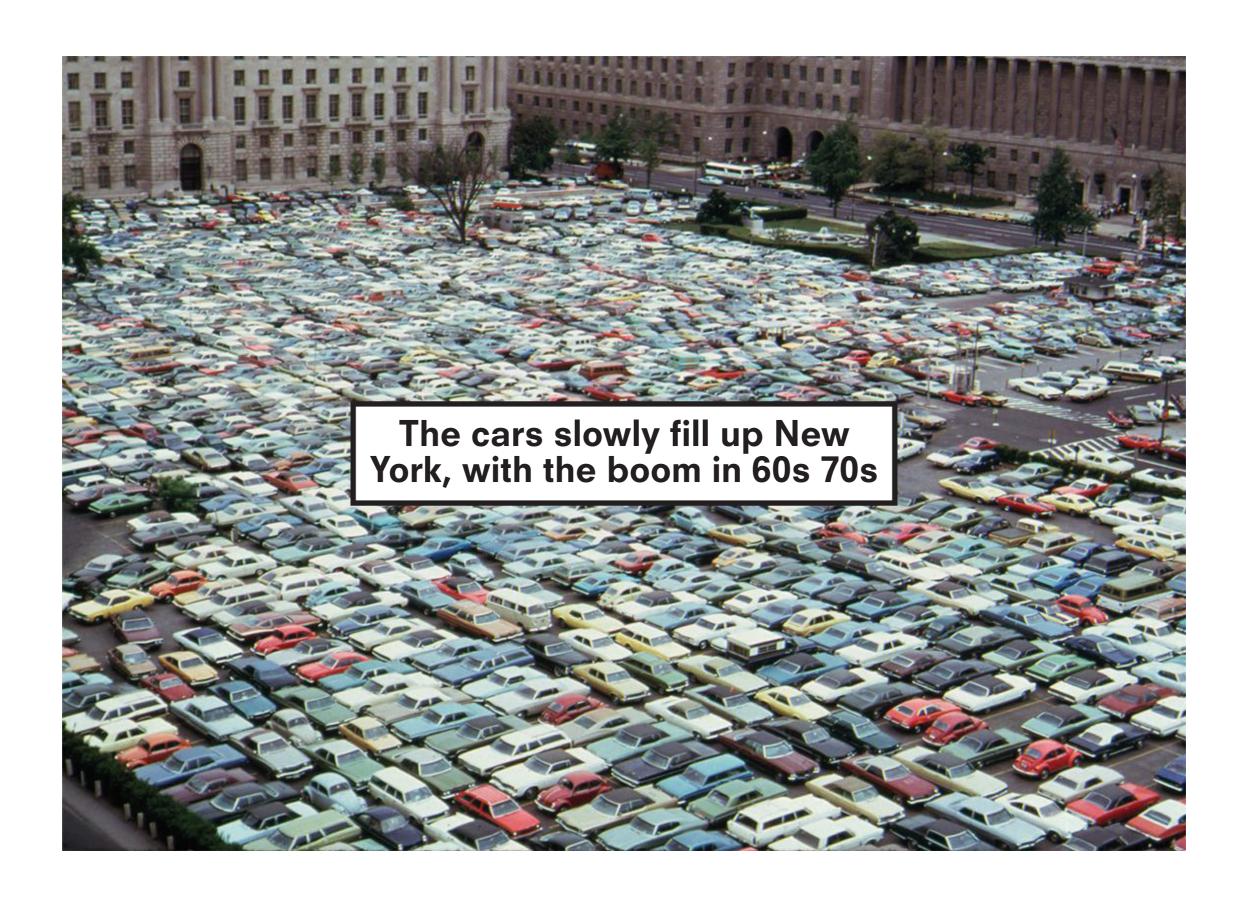


				É						
				=						
	Walking	and Hor	se		Ŕ					
	Walking carriage, clos	so people e to work	elive	 Ш	-	3km				
					400	0				
				P	re 186	U				











Cars controlling the city and not the city controlling the cars







Chrysler (1930)

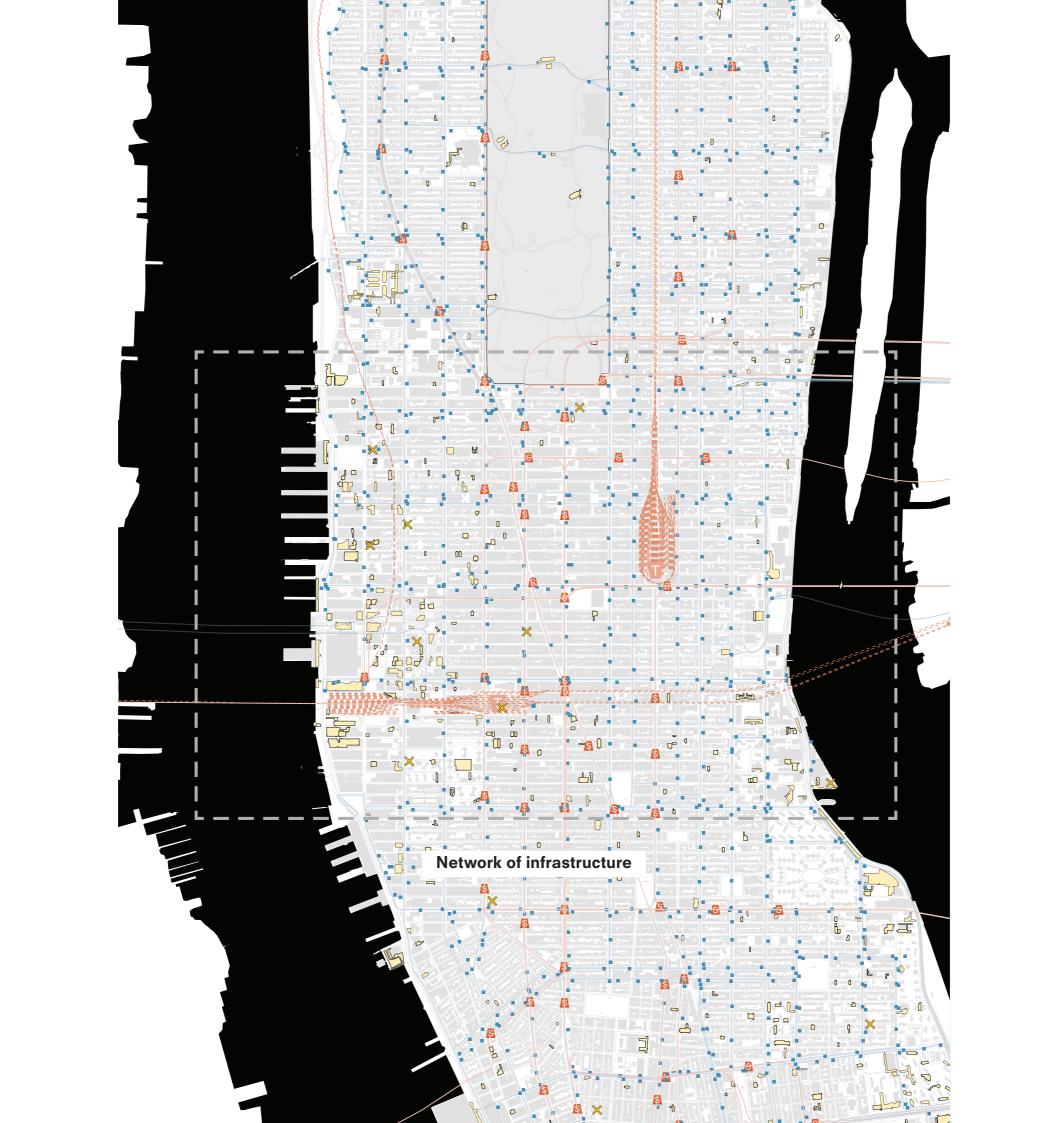


General Motors (1964)

The three big American car companies built headquarters in NY

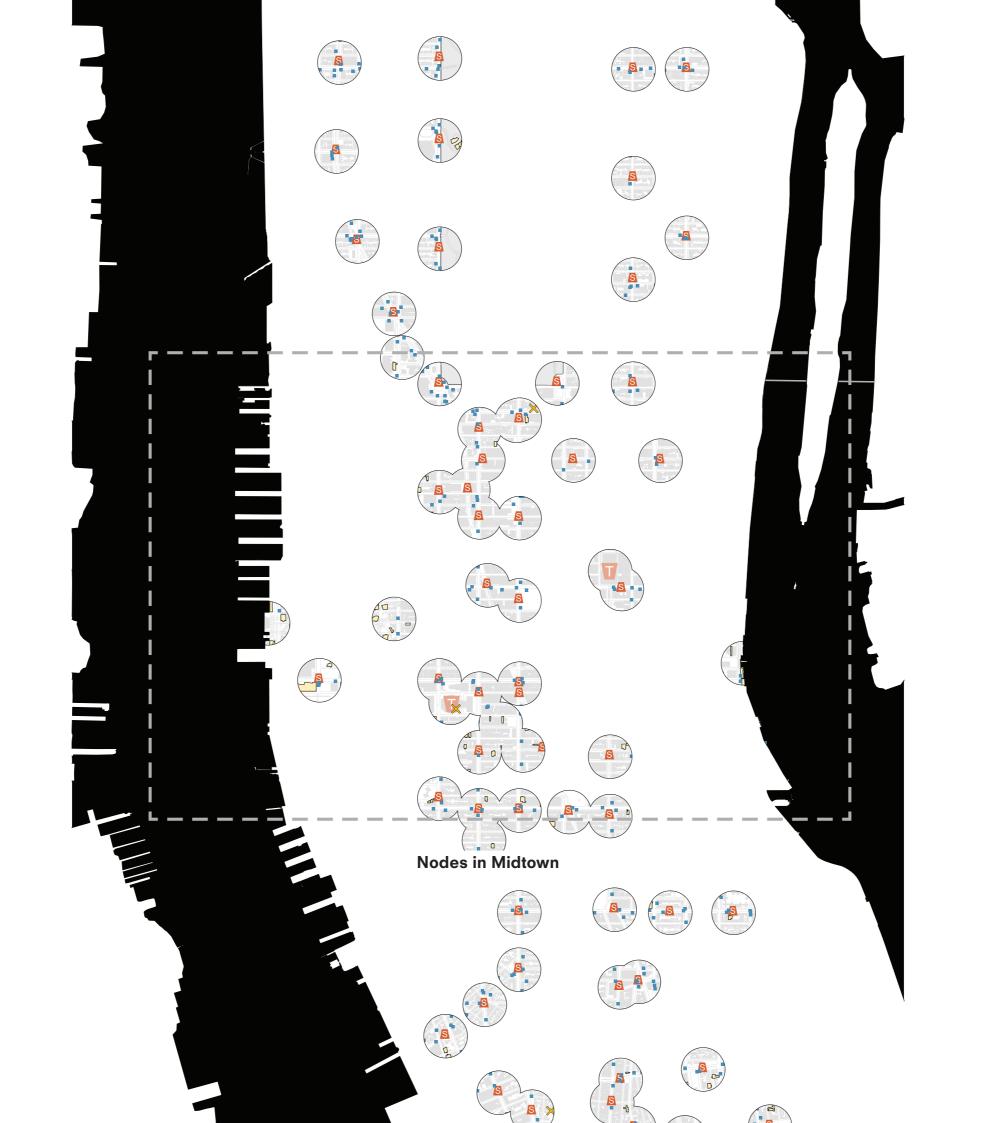




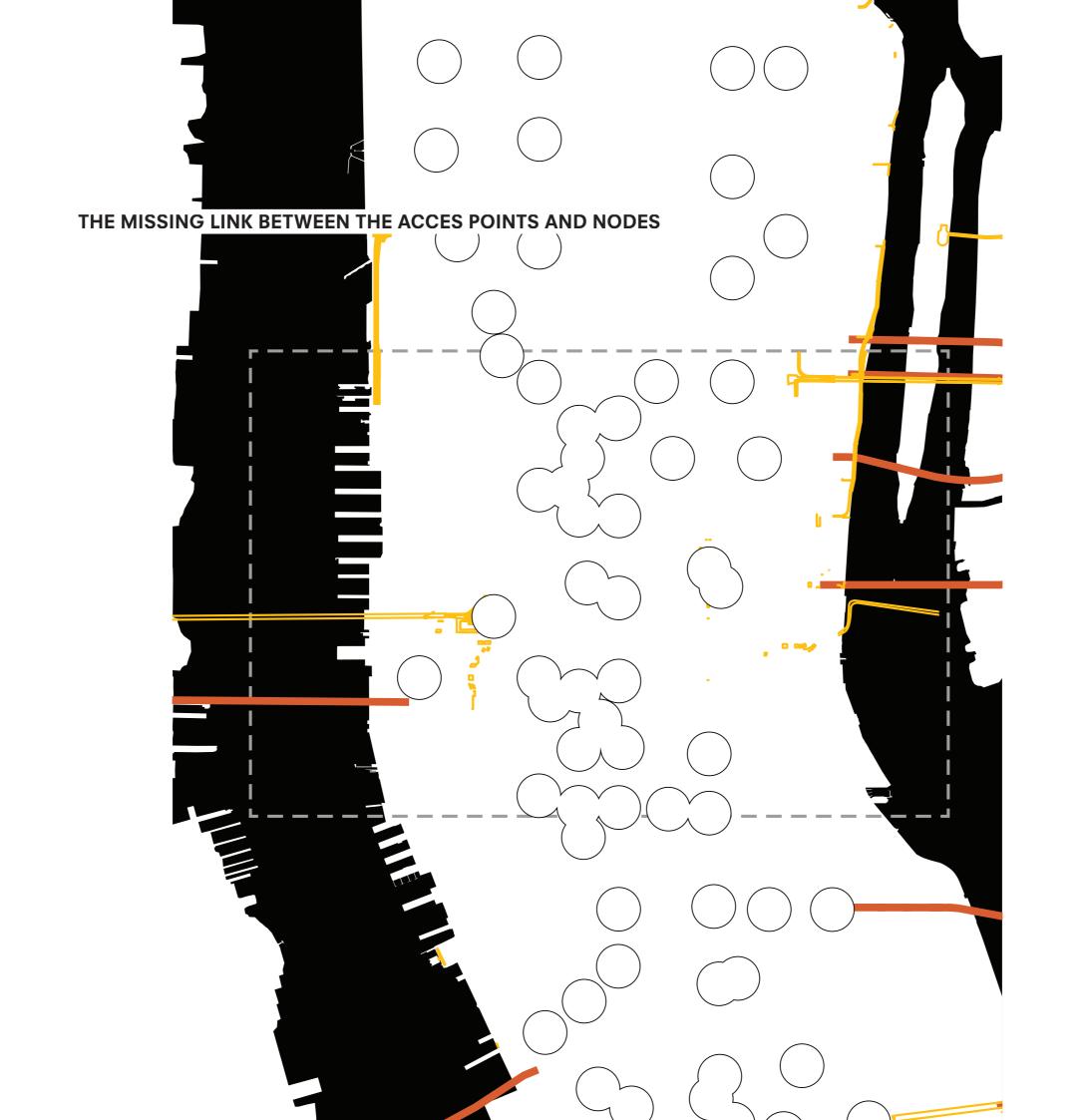


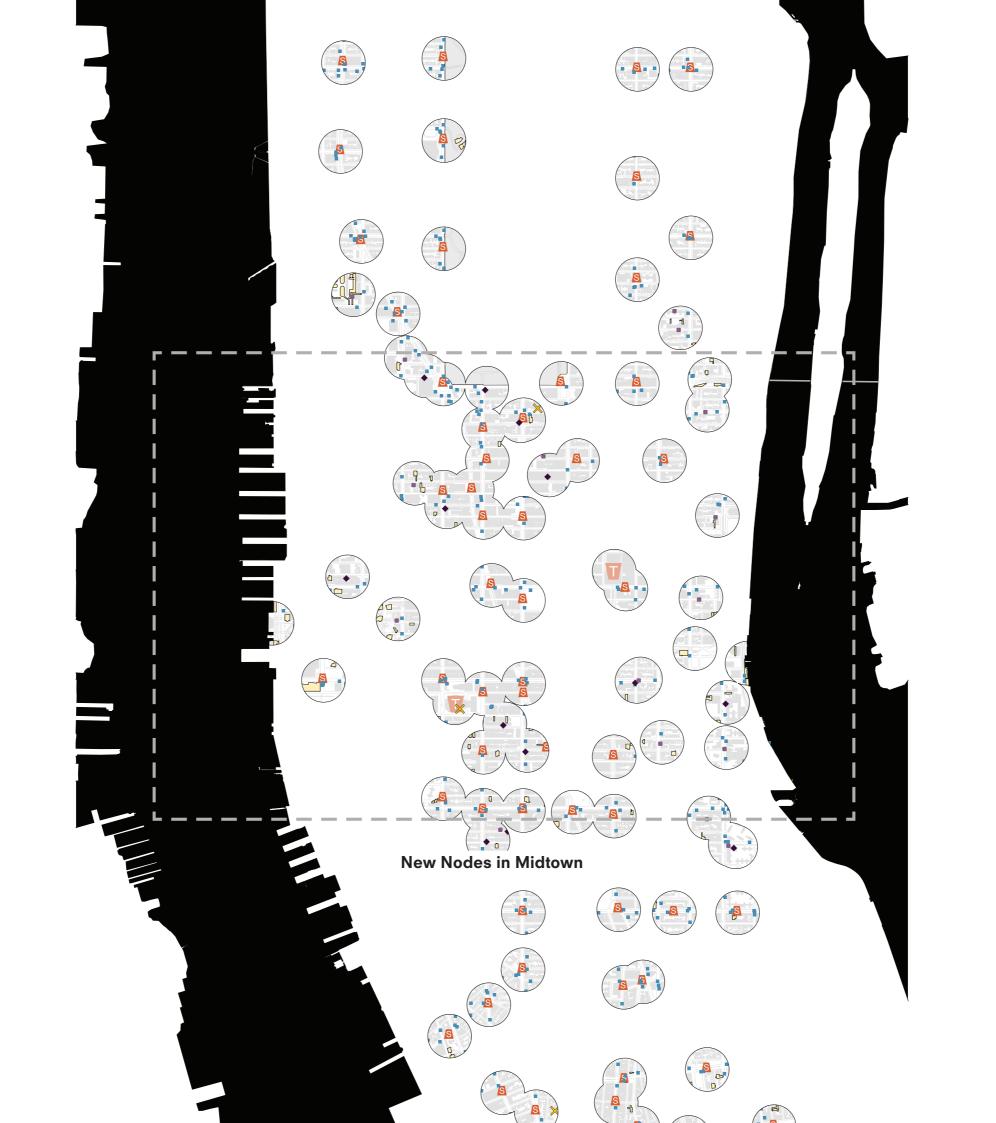
"Are points, the **strategic spots** in a city into which an observer can enter, and which are the **intensive foci** to and from which he is traveling. They may be primarily junctions, places of a break in transportation, a crossing or convergence of paths, moments of shift from one **structure** to another.1"

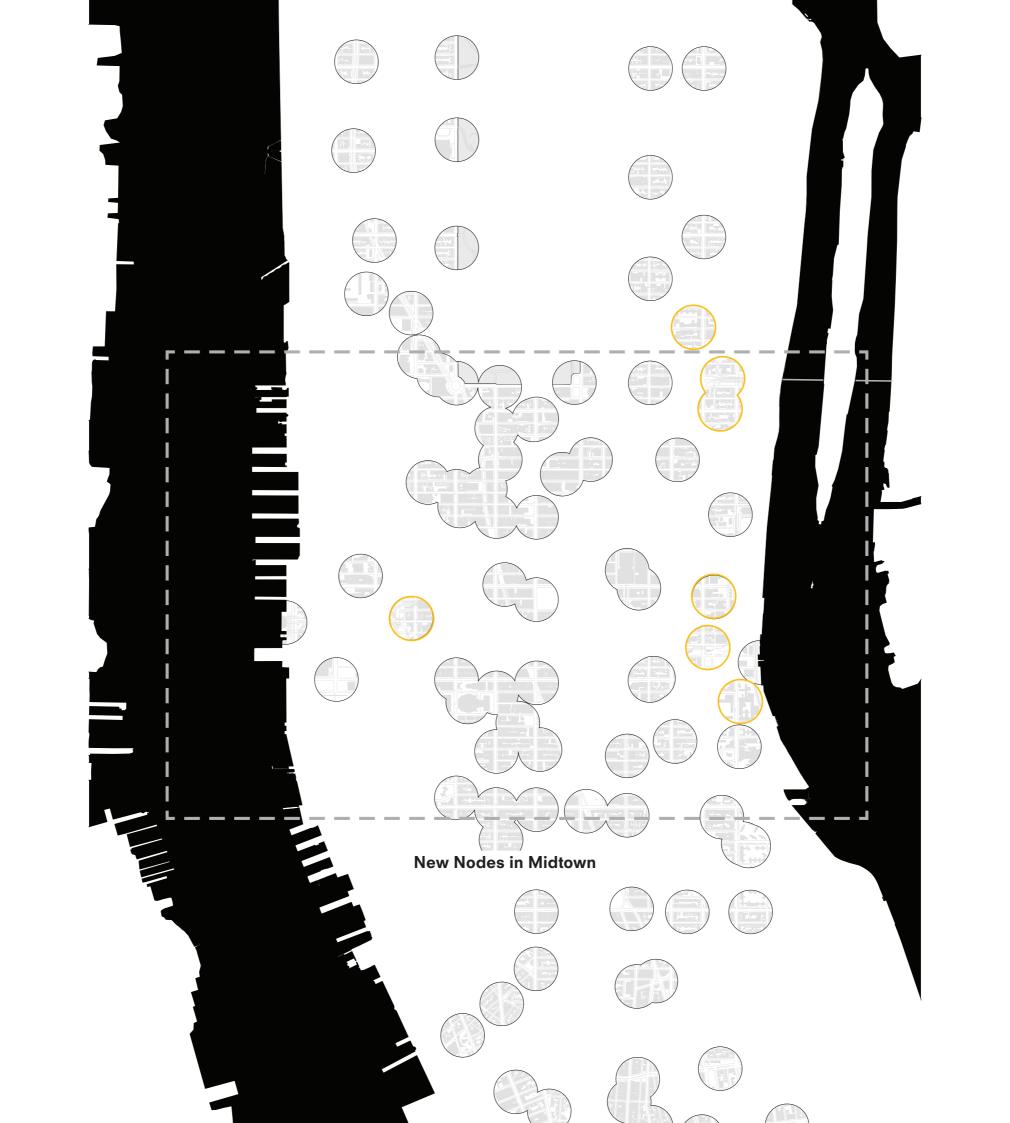
Nodes (*Kevin lynch p.41 The image of the city)



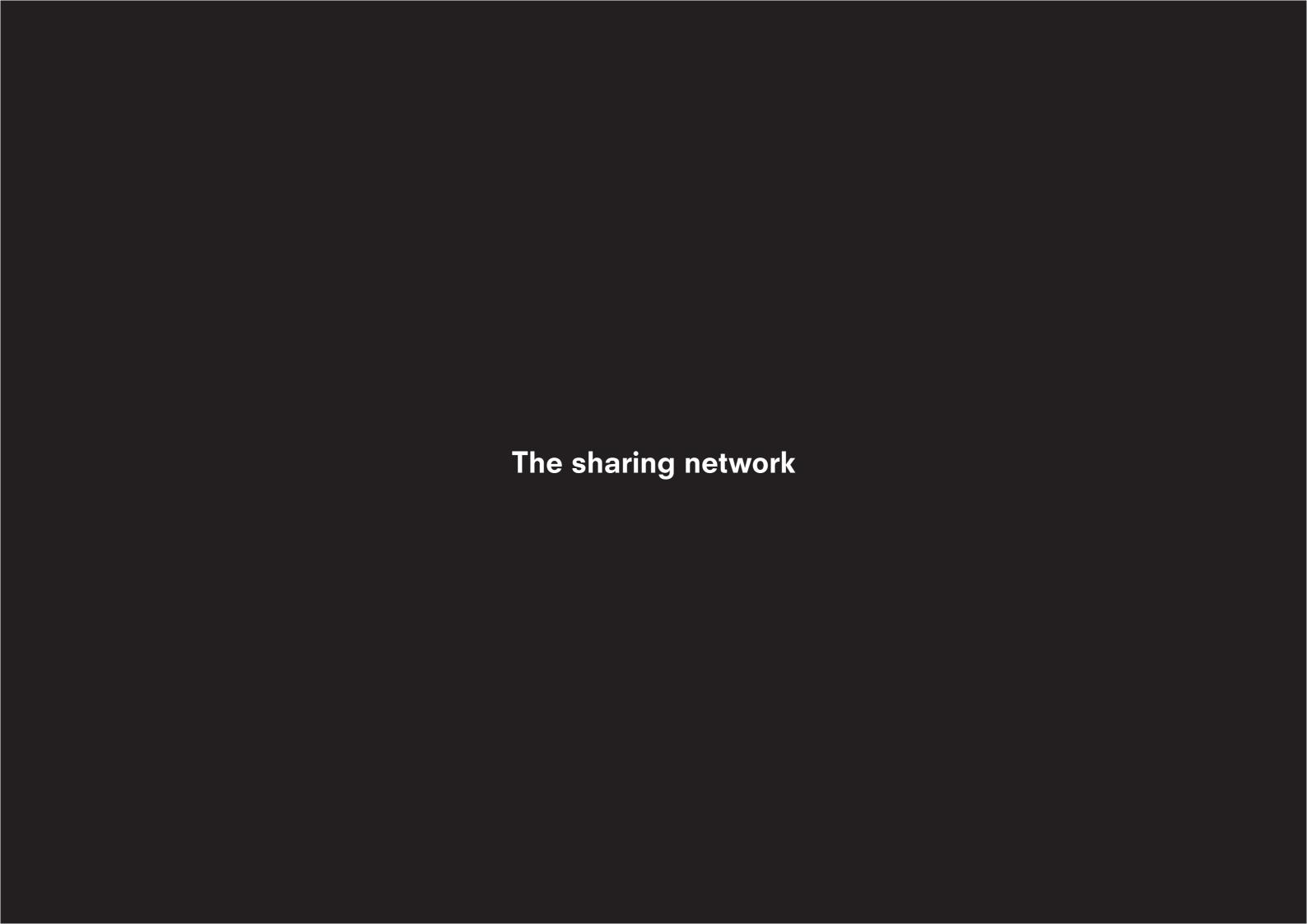


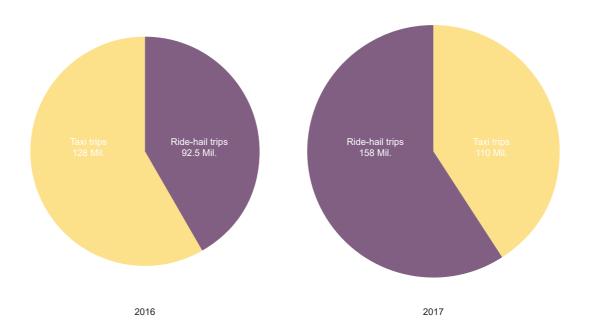




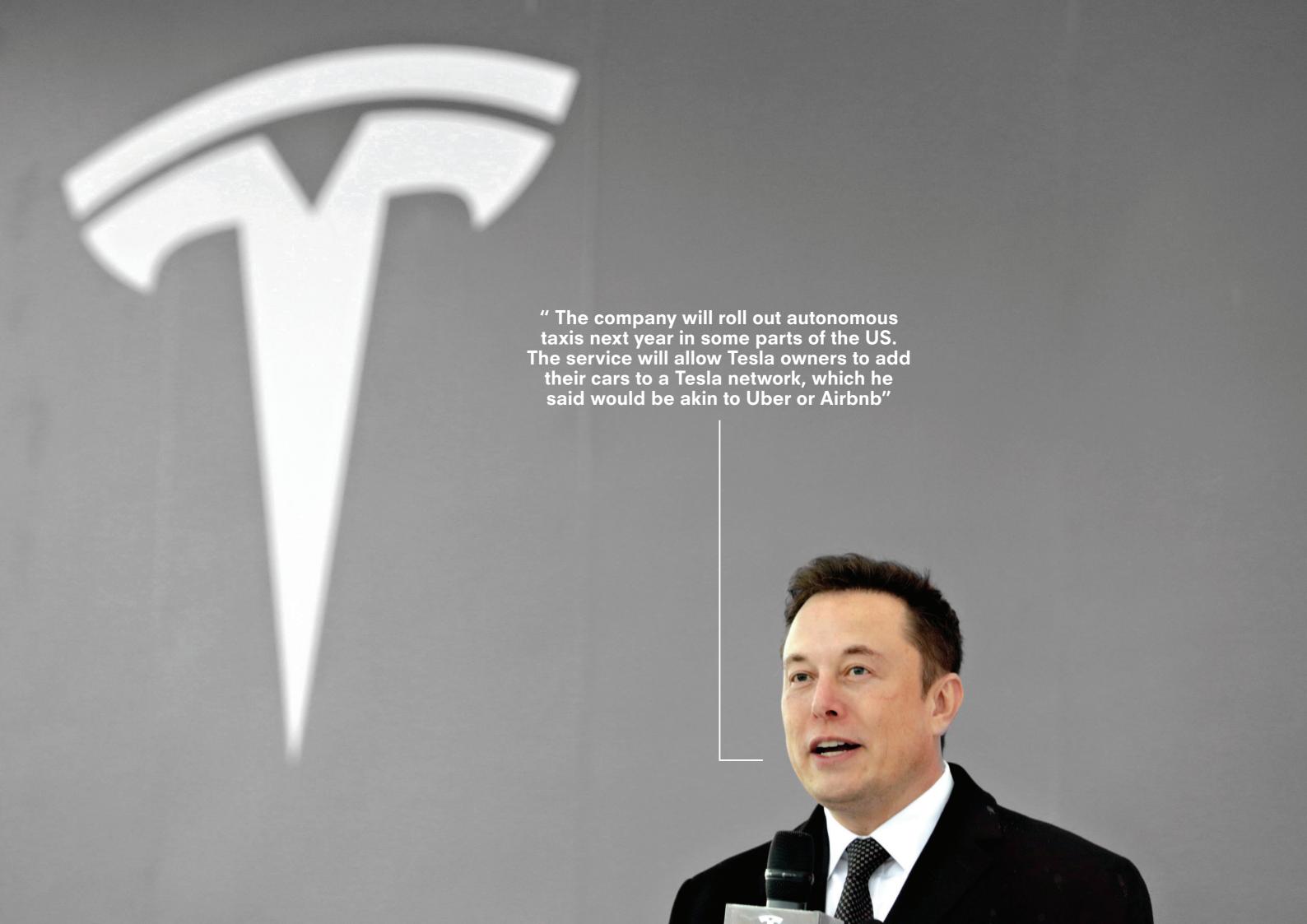


"How can the entry points of Midtown contribute to a greater mobillity of the city?"





Uber and other ride-hail companies are an additional layer to the transport network





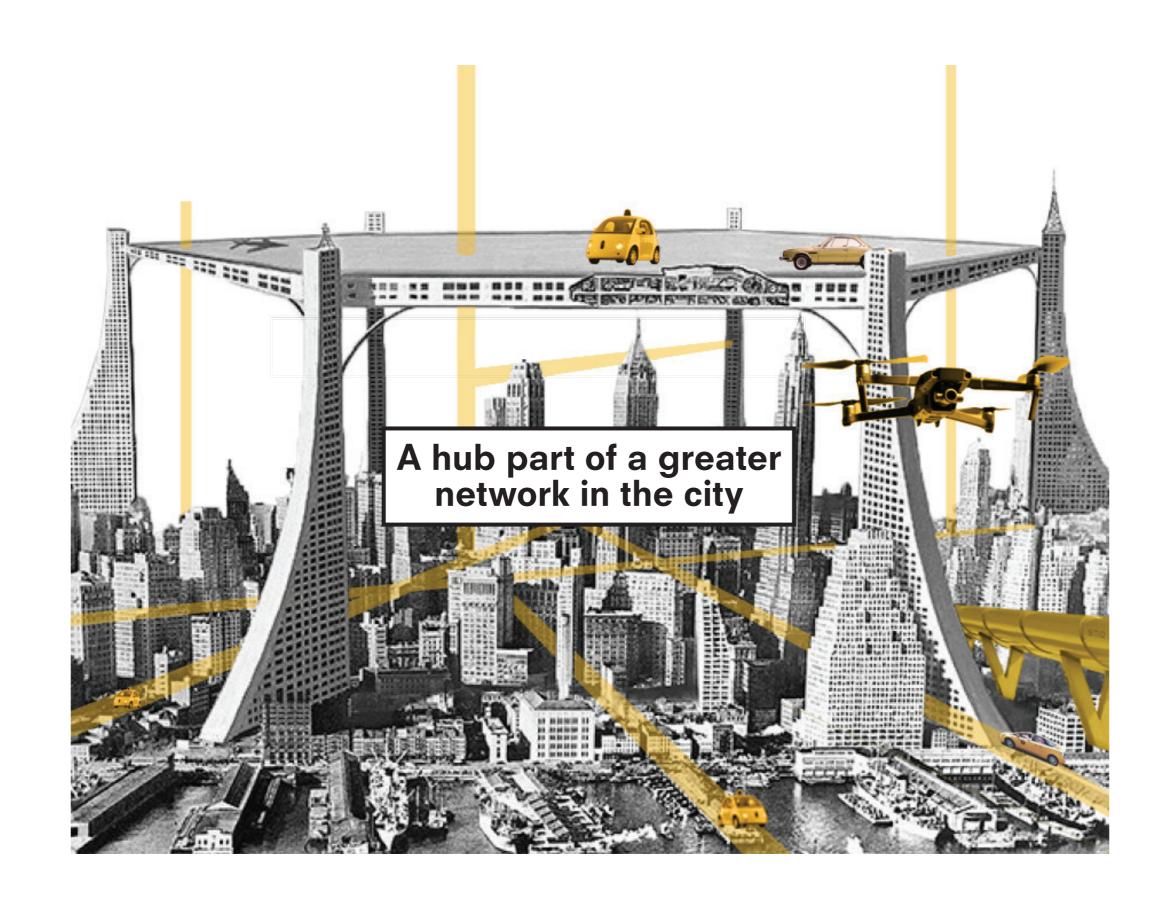
For every shared car 11 privately owned cars are taken of the streets (City Lab 2016)



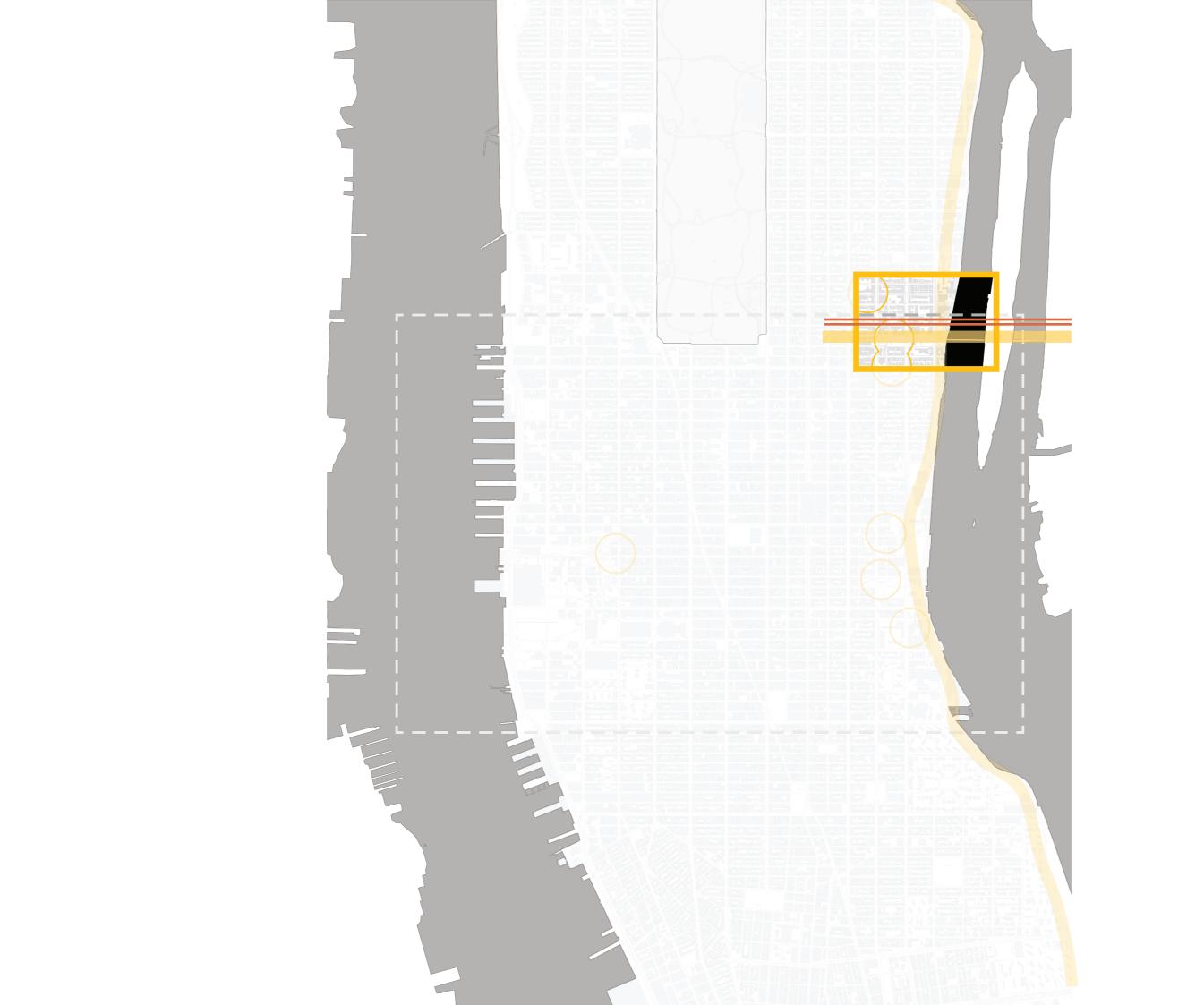


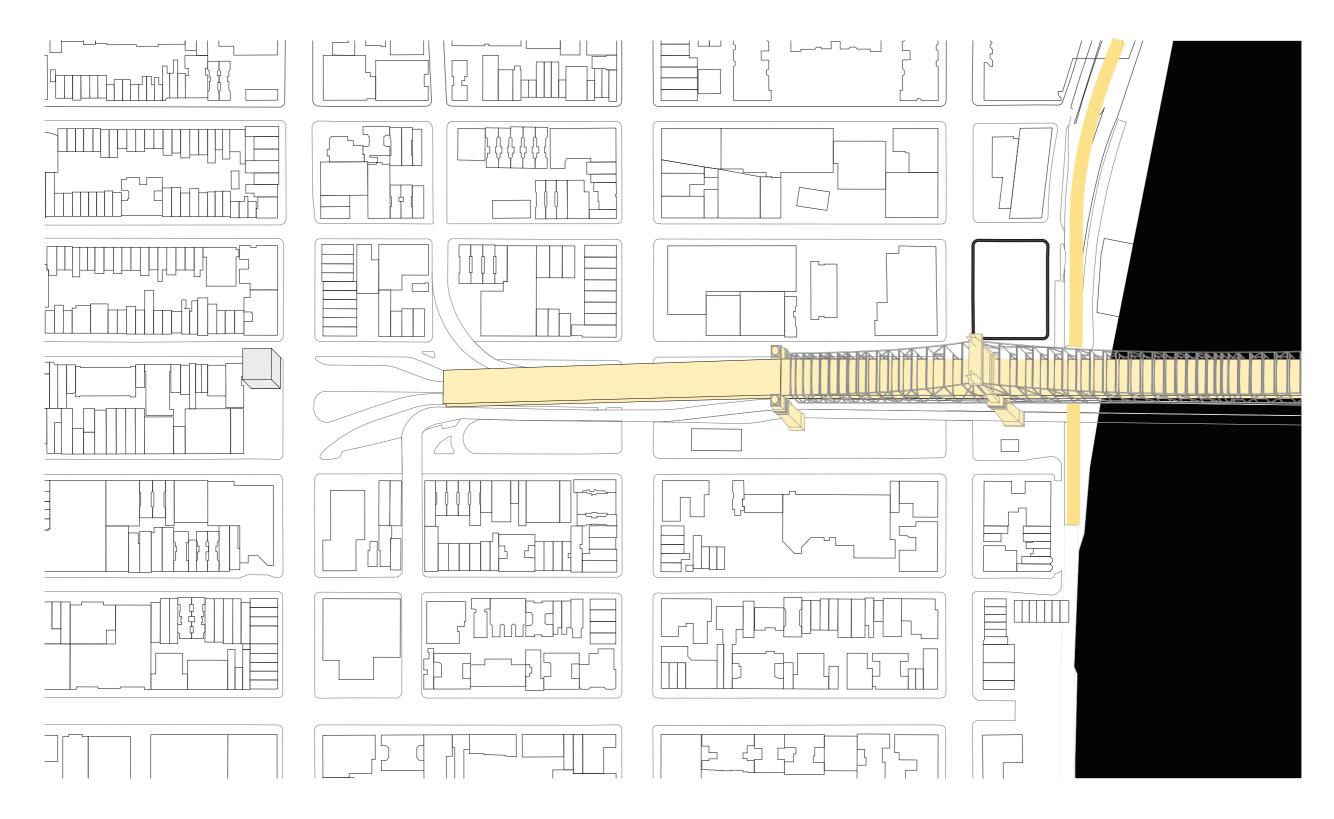
Following the tradition of the big car companies in the 1900s

Popping up in the grid

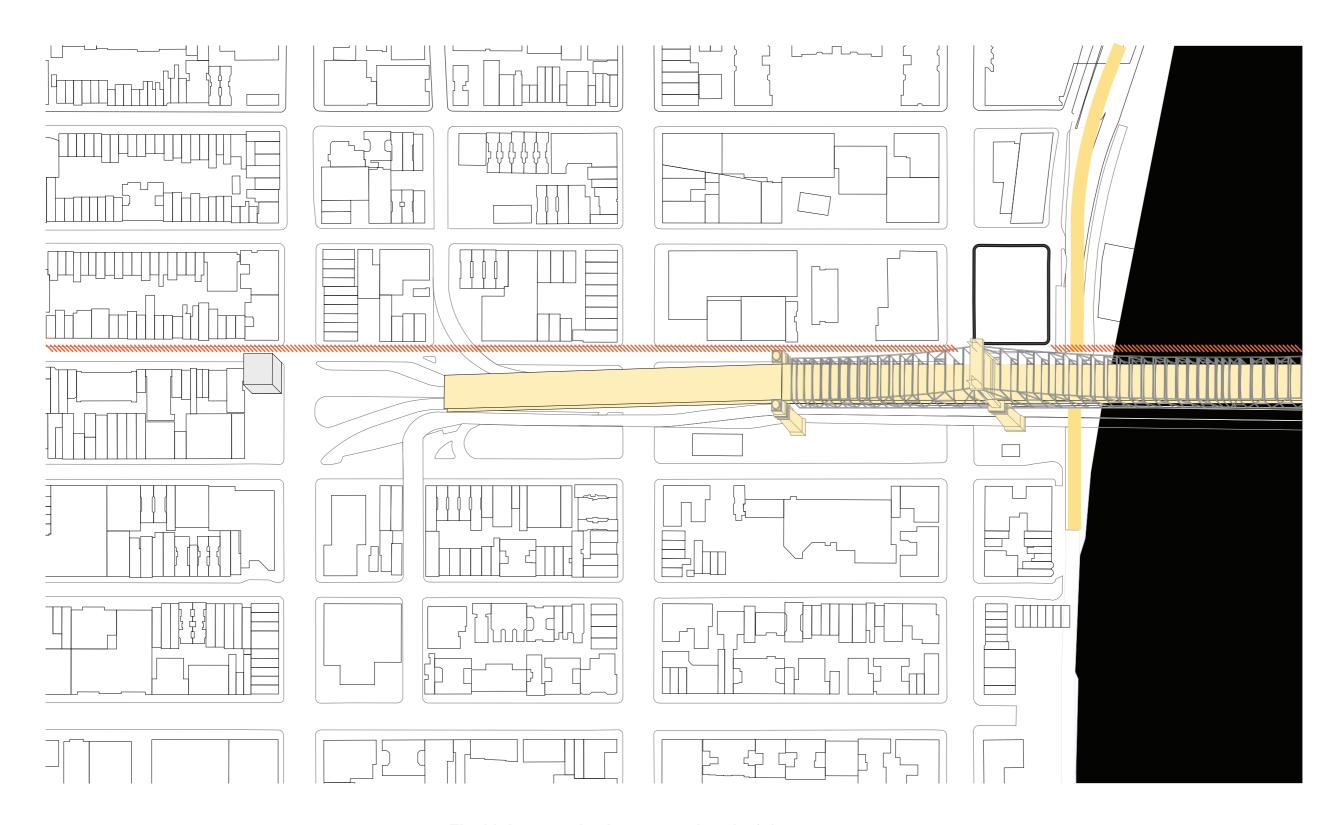




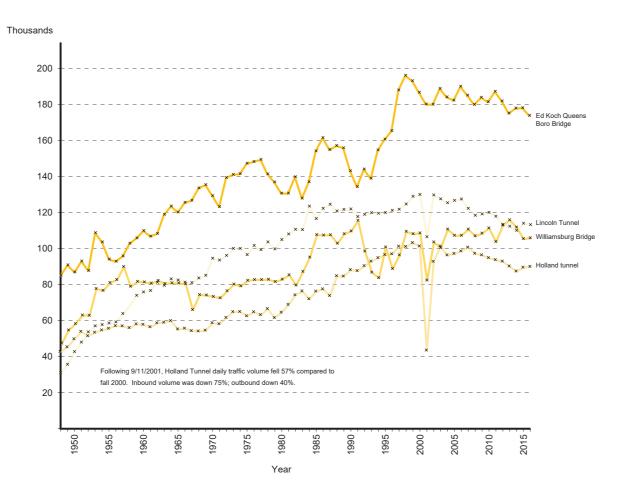




Bridge and highway cutting through the area



The highway and subway meet but don't intersect or stop

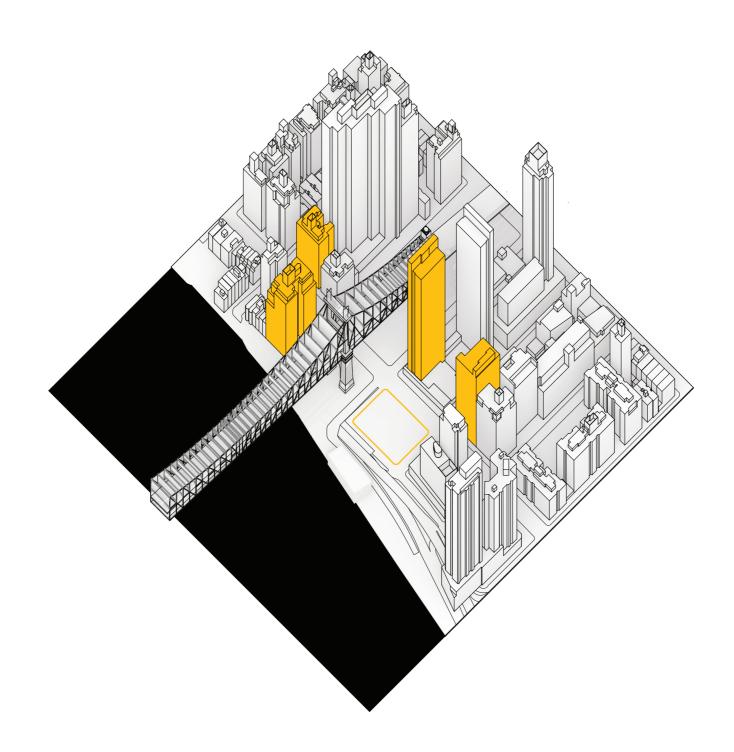


Bussiest Bridge over the East river

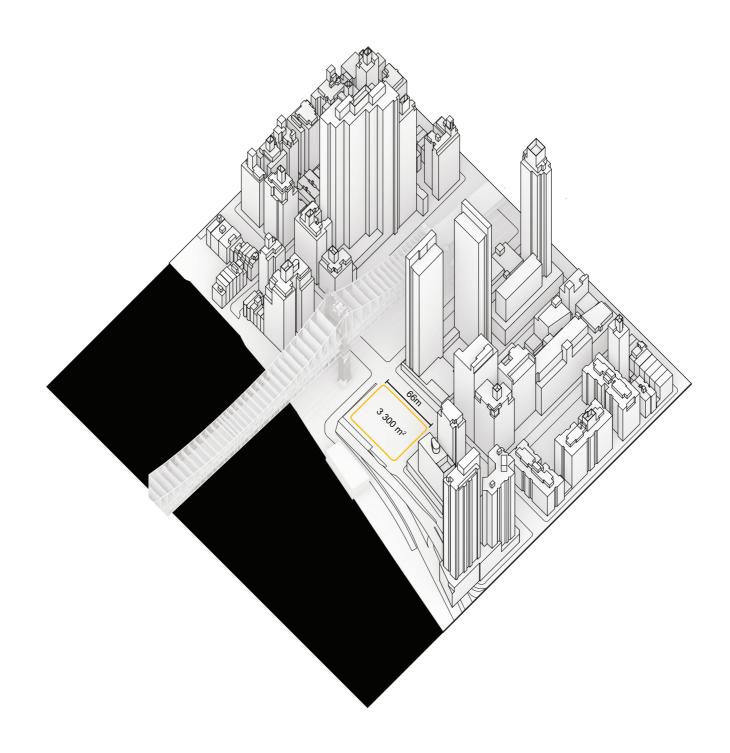




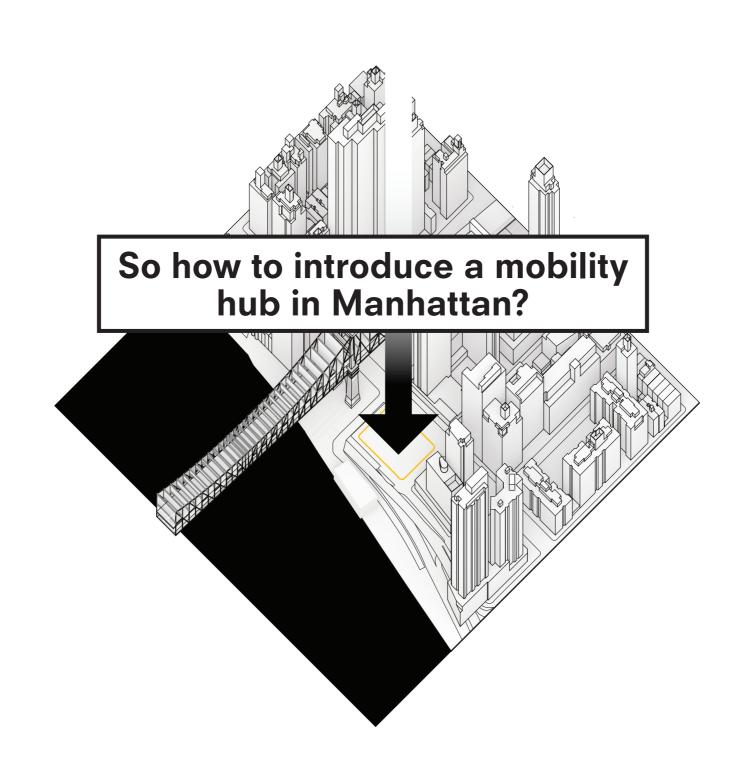




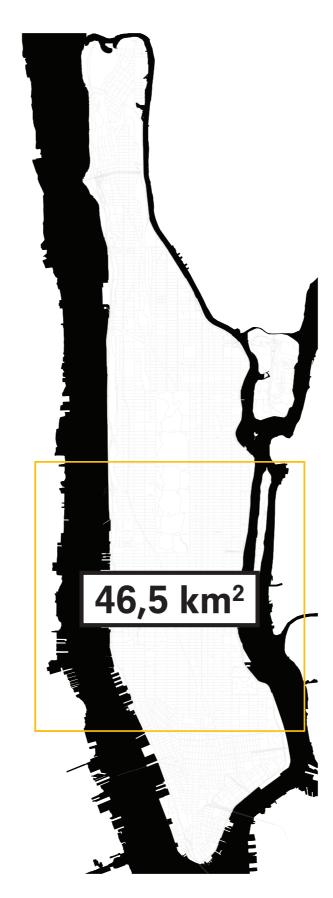
Surrounded by towers



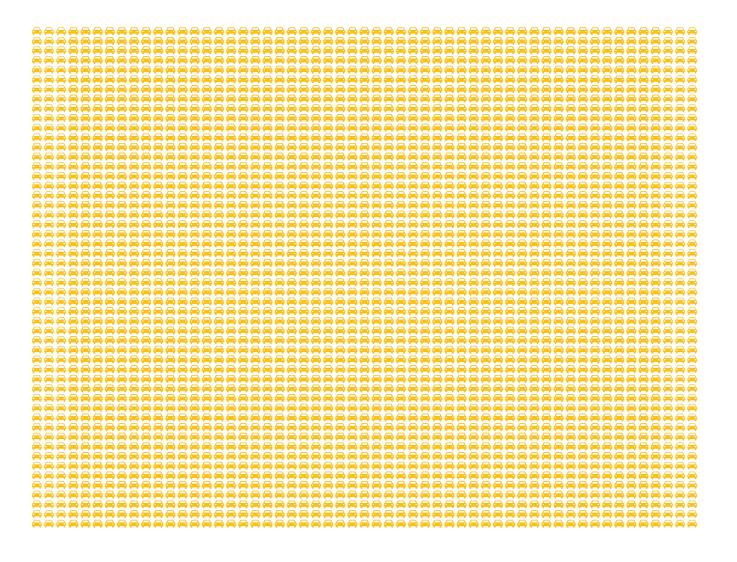
Plot info

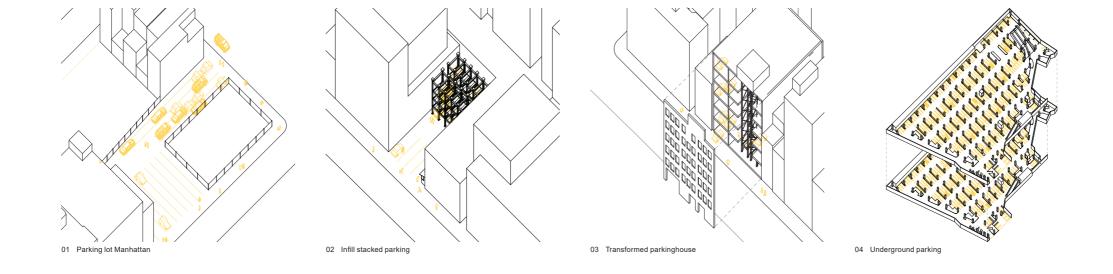






The car street parking problem of NY



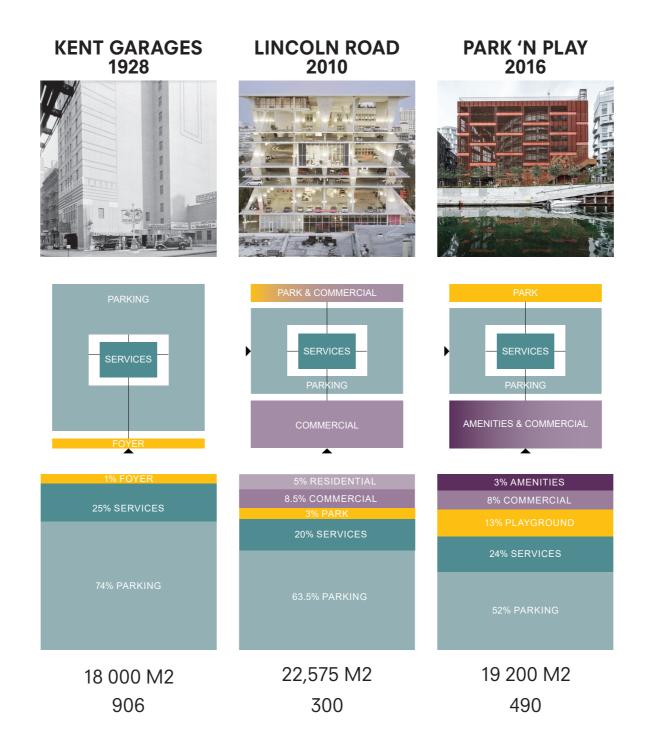


Other parking typologies in NYC





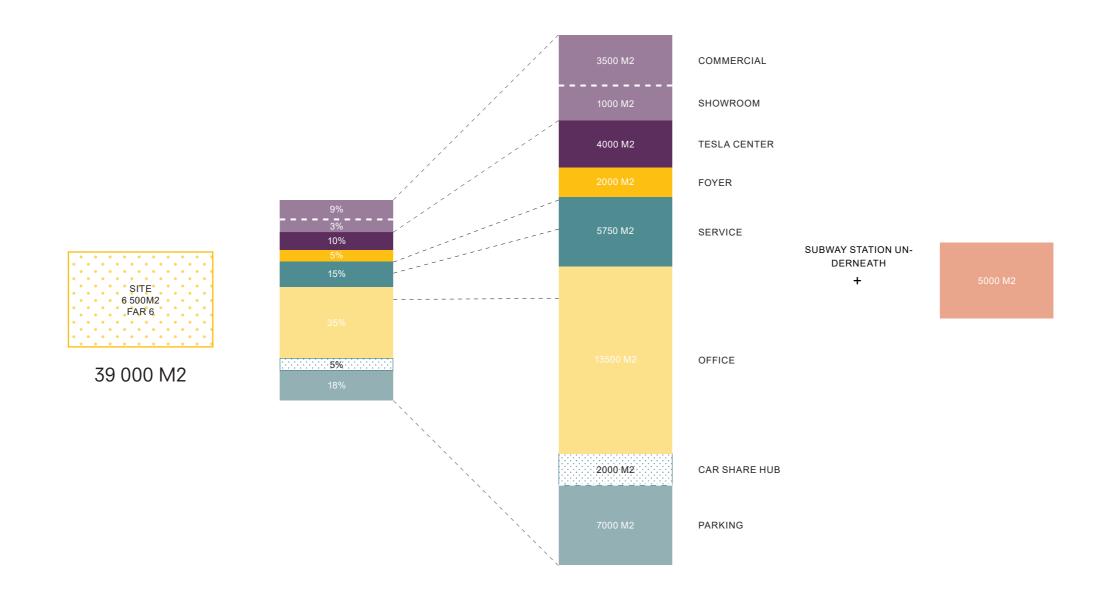
Car headquarter trends



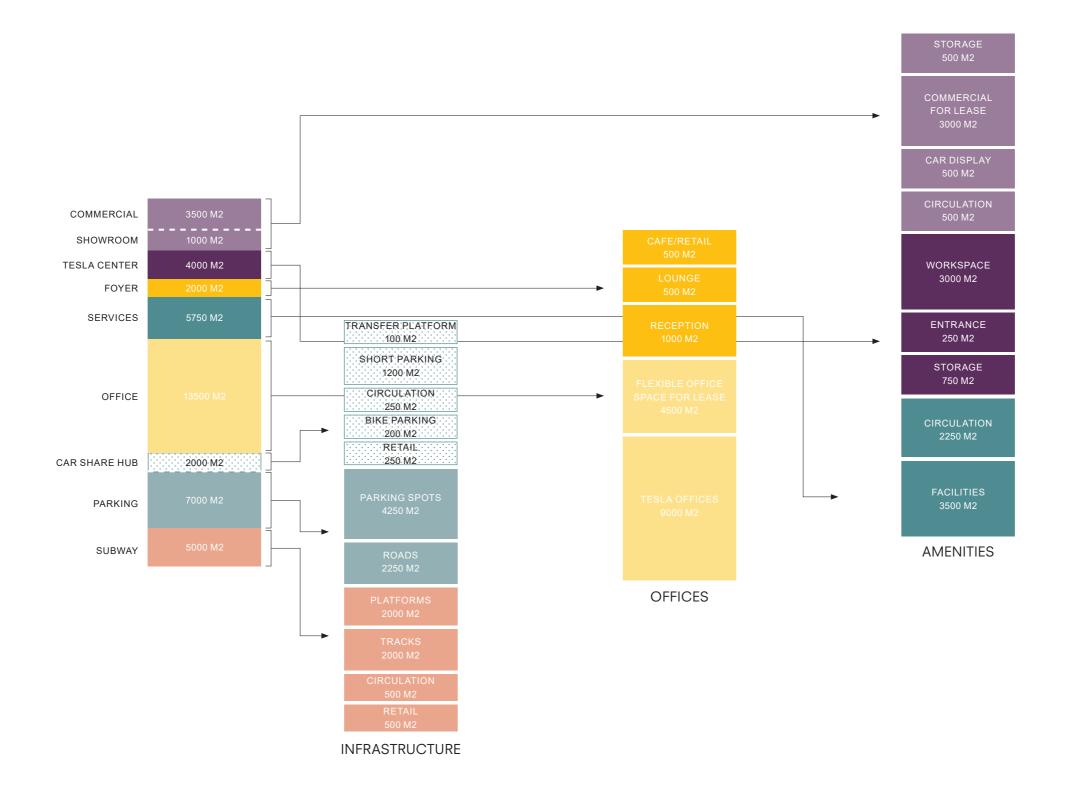
Parkinggarage trends

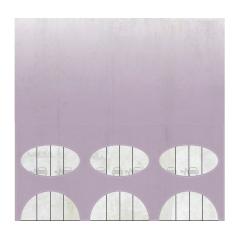
Trend fot HQ is to be more multifunctional and more open to the public

From experience for the car to focus on its relation with the city

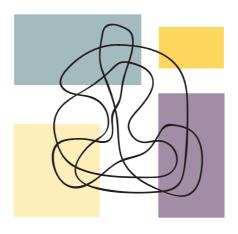


Program bar

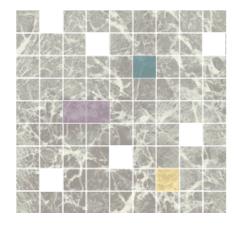




BRING THE CAR AND PROGRAM INTO CONNECTION WITH THE CITY



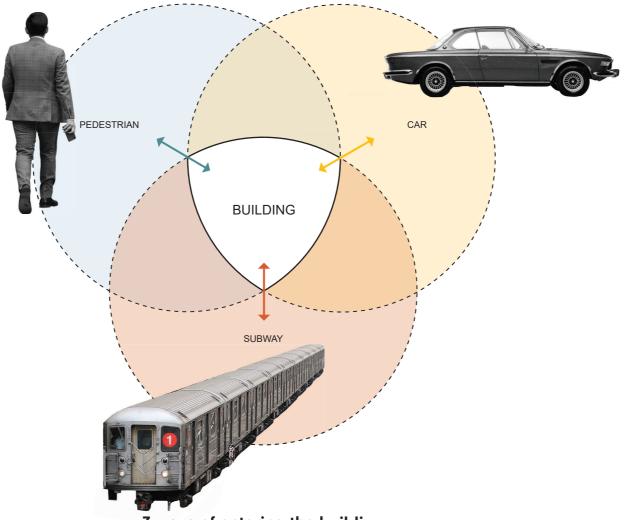
INTERNAL RELATIONS BETWEEN
DIVERSE PROGRAM



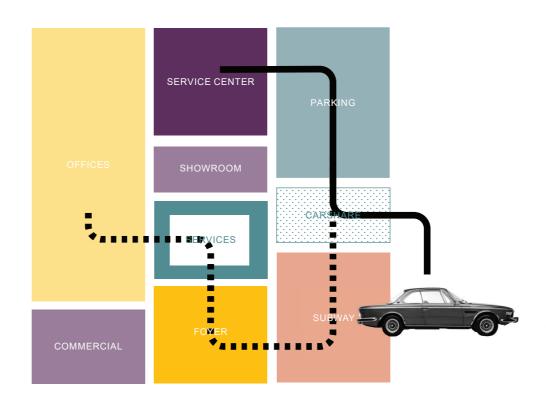
ROBUST LANDMARK AS A PILLAR OF INFRASTRUCTURE

Character ambition

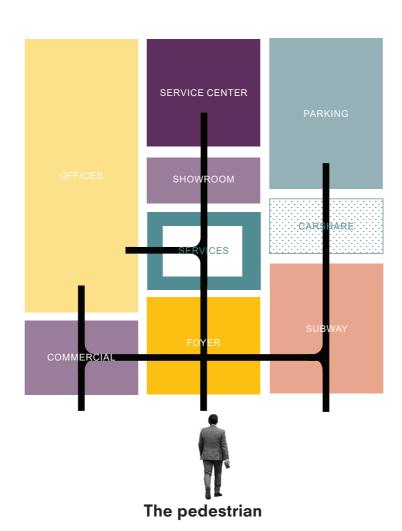
How do these elements relate to each other?

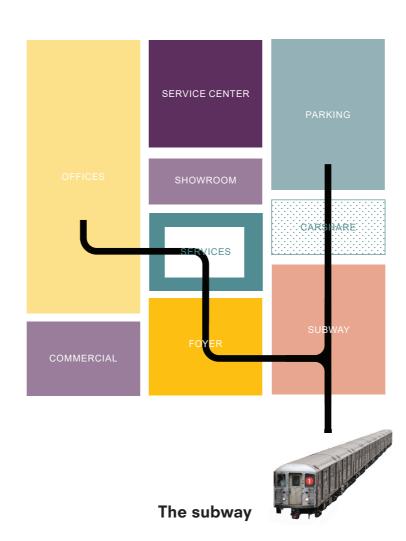


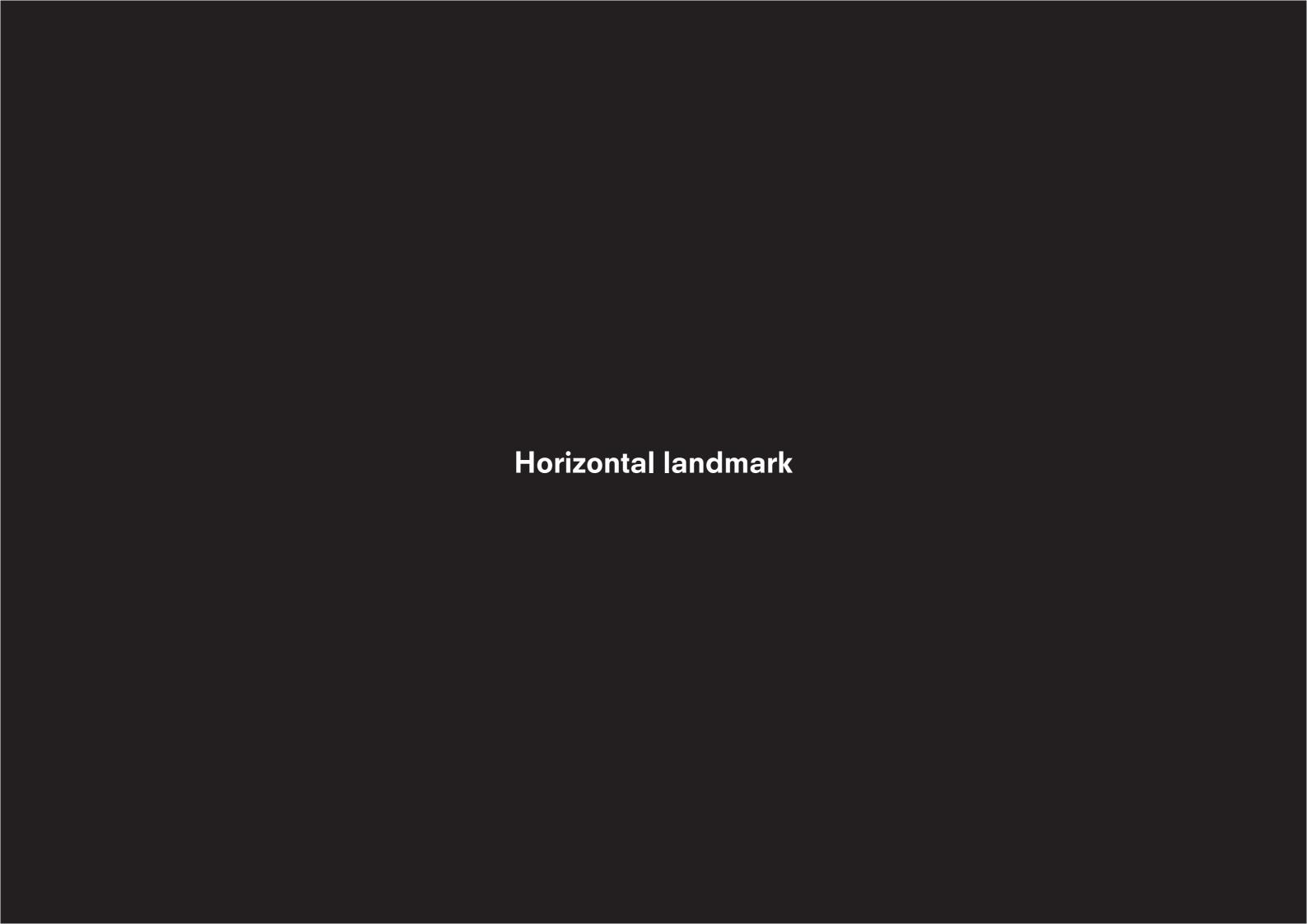
3 ways of entering the building



The car





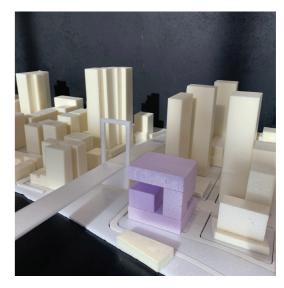






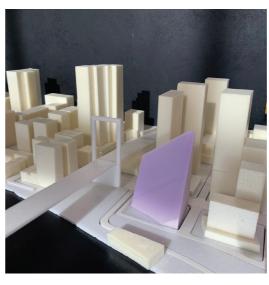


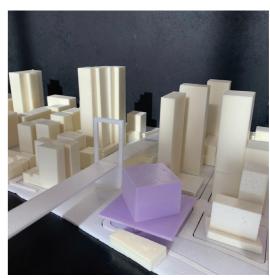














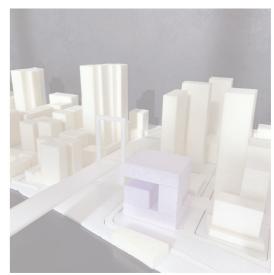








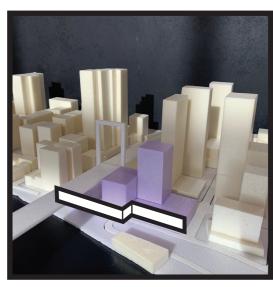


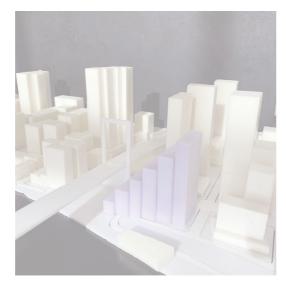




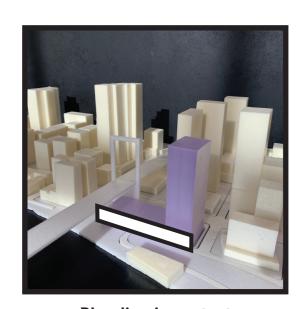










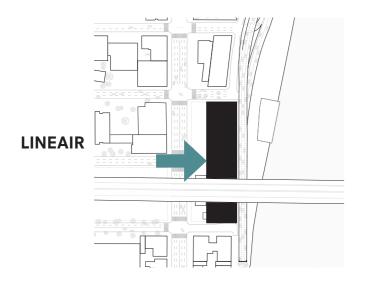


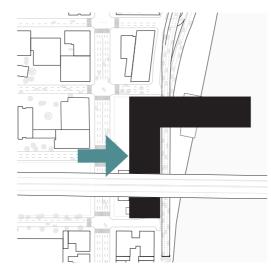


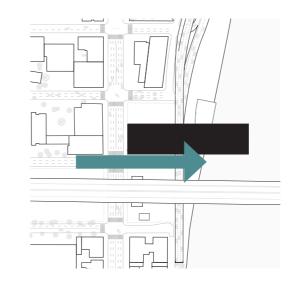
Blending in context

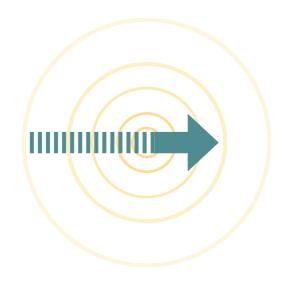


Contrasting with context

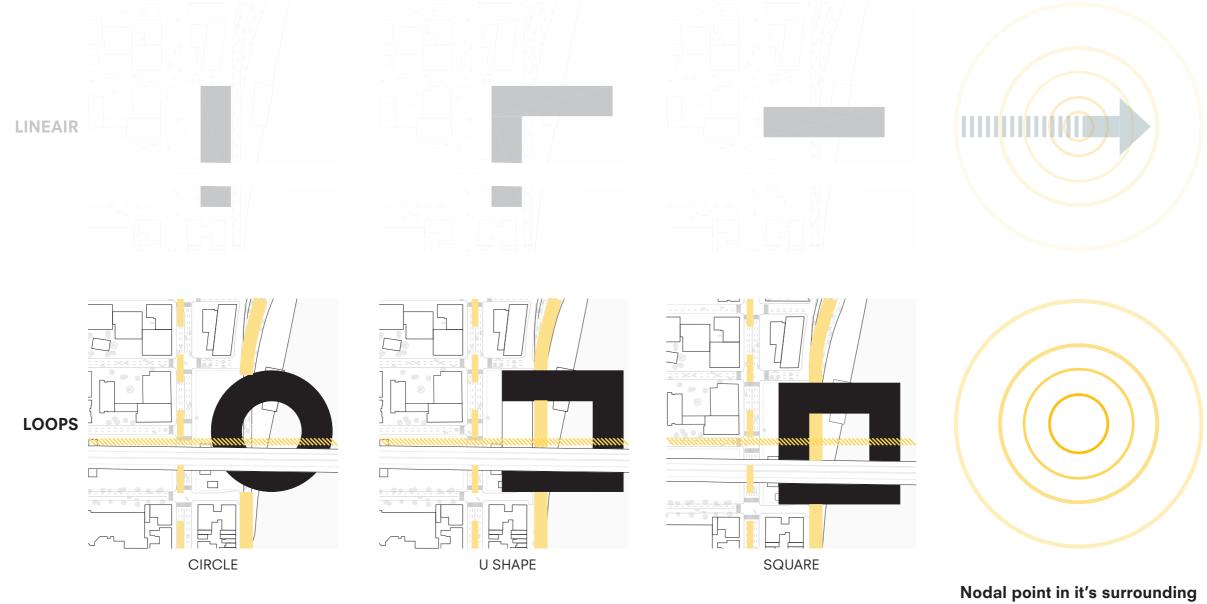


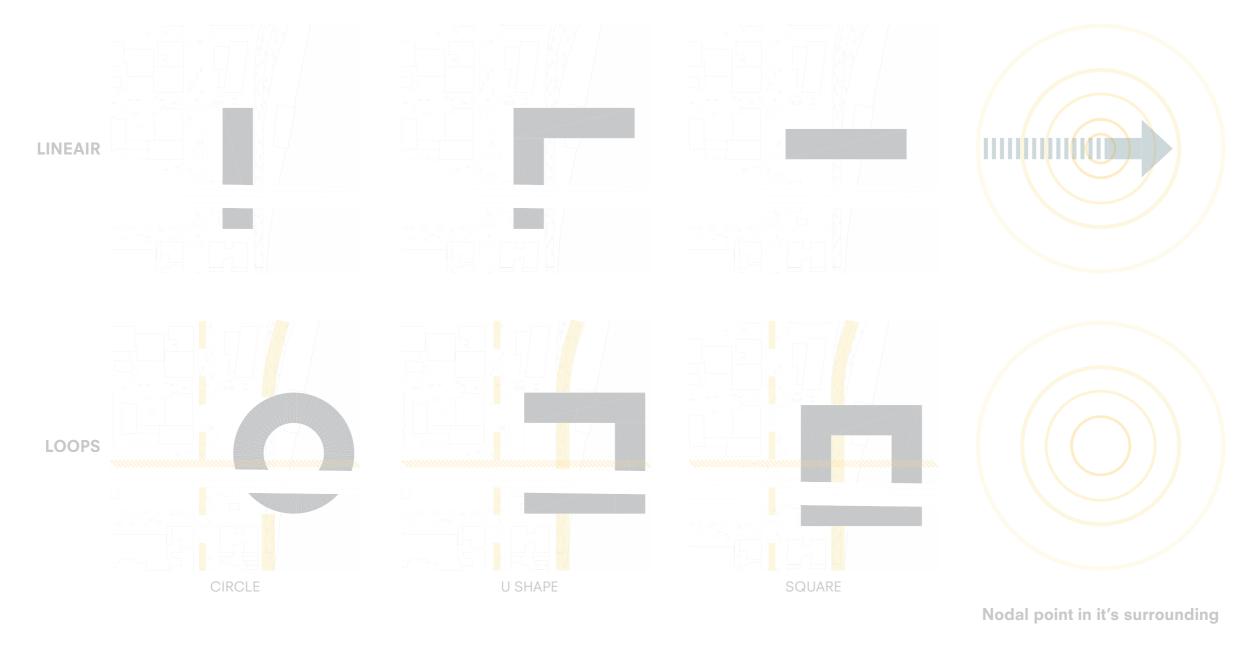


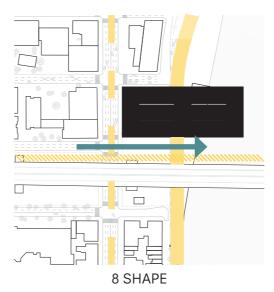




Enhance link with waterfront









Linear Loop





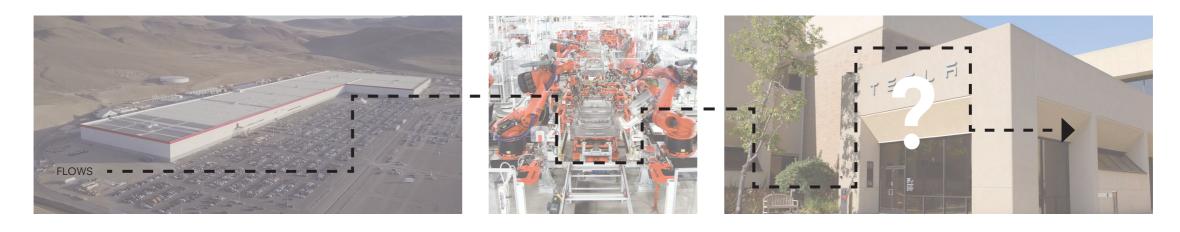
A long horizontal factory and office box





A long horizontal factory and office box

With the technique hidden



A long horizontal box With the technique hidden Being the office for the future of mobility

The box



Parking & Service Office





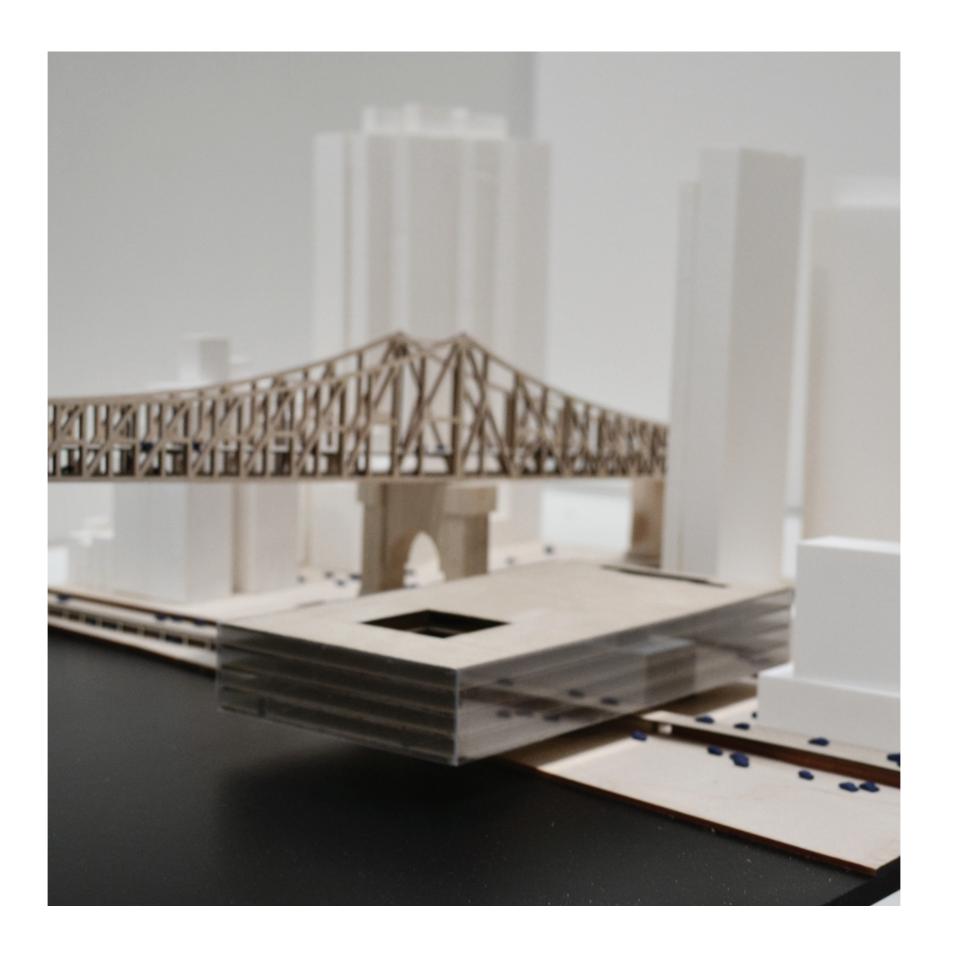


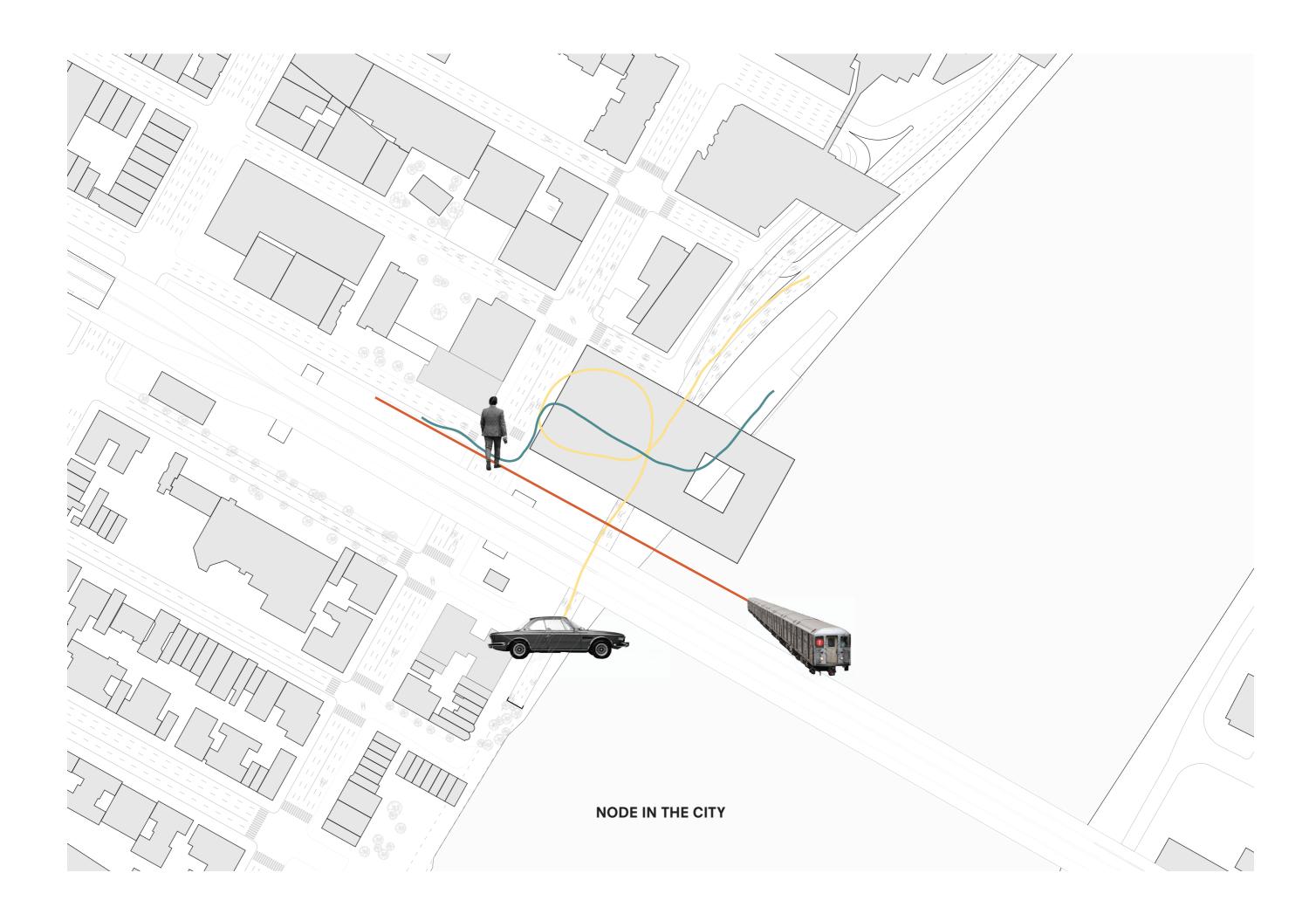
LINEAIR LOOP

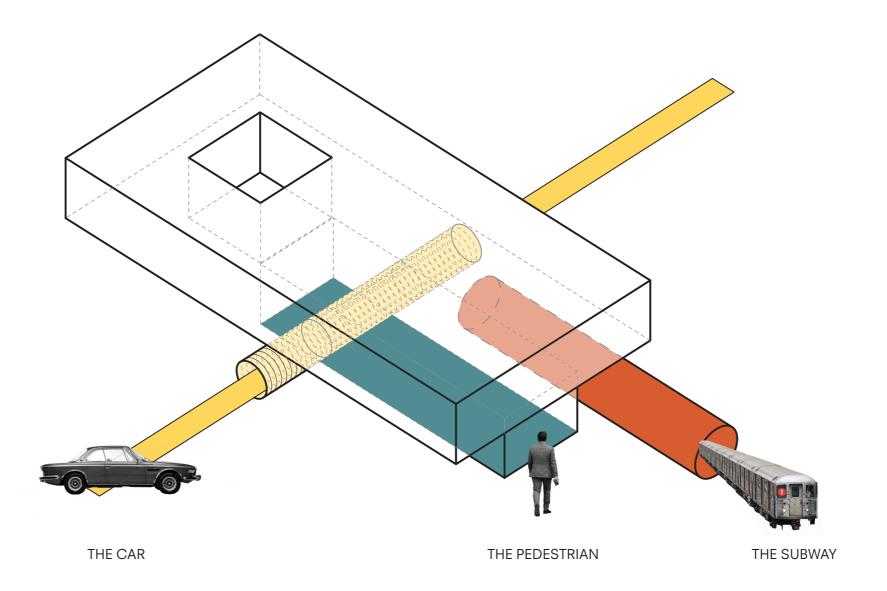
3 DIVISION

FLOATING BOX CONNECTING TO THE WATER

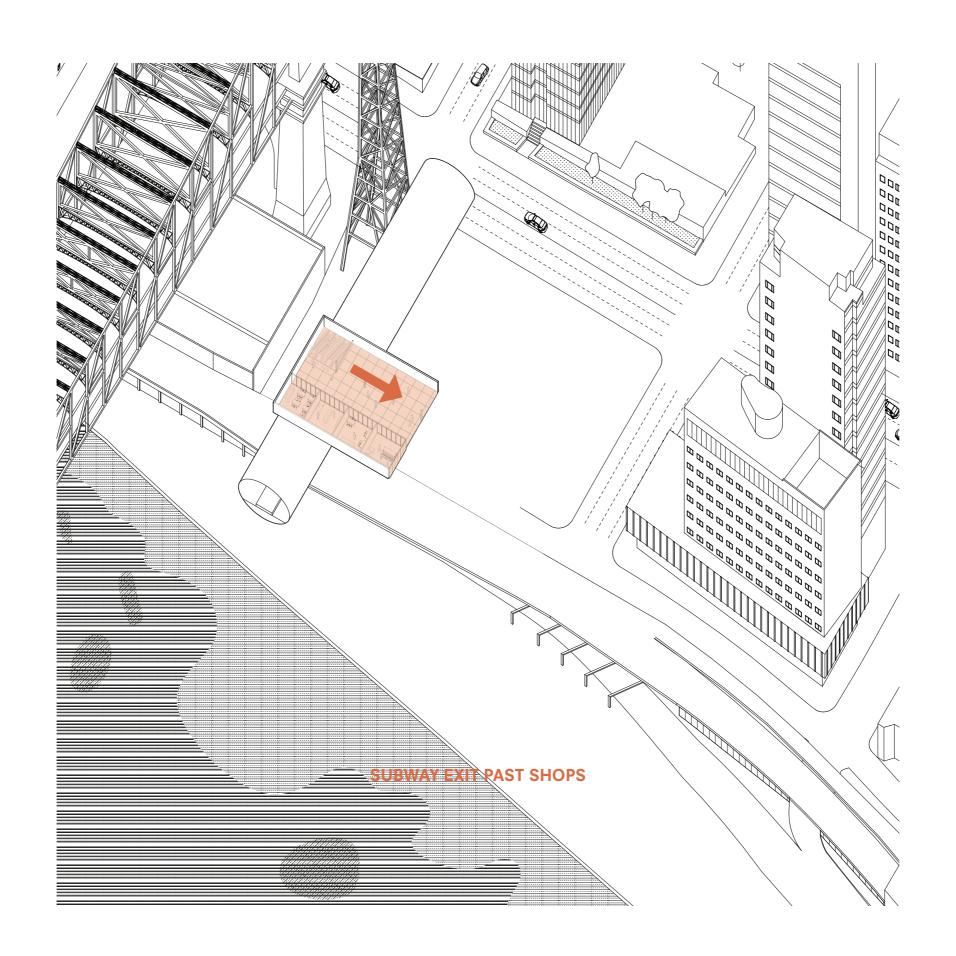


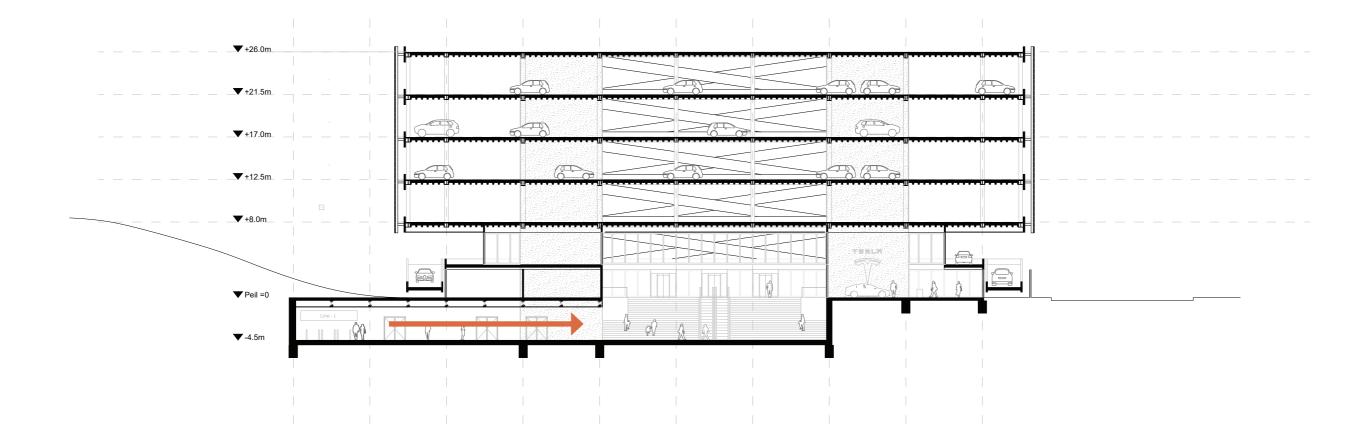






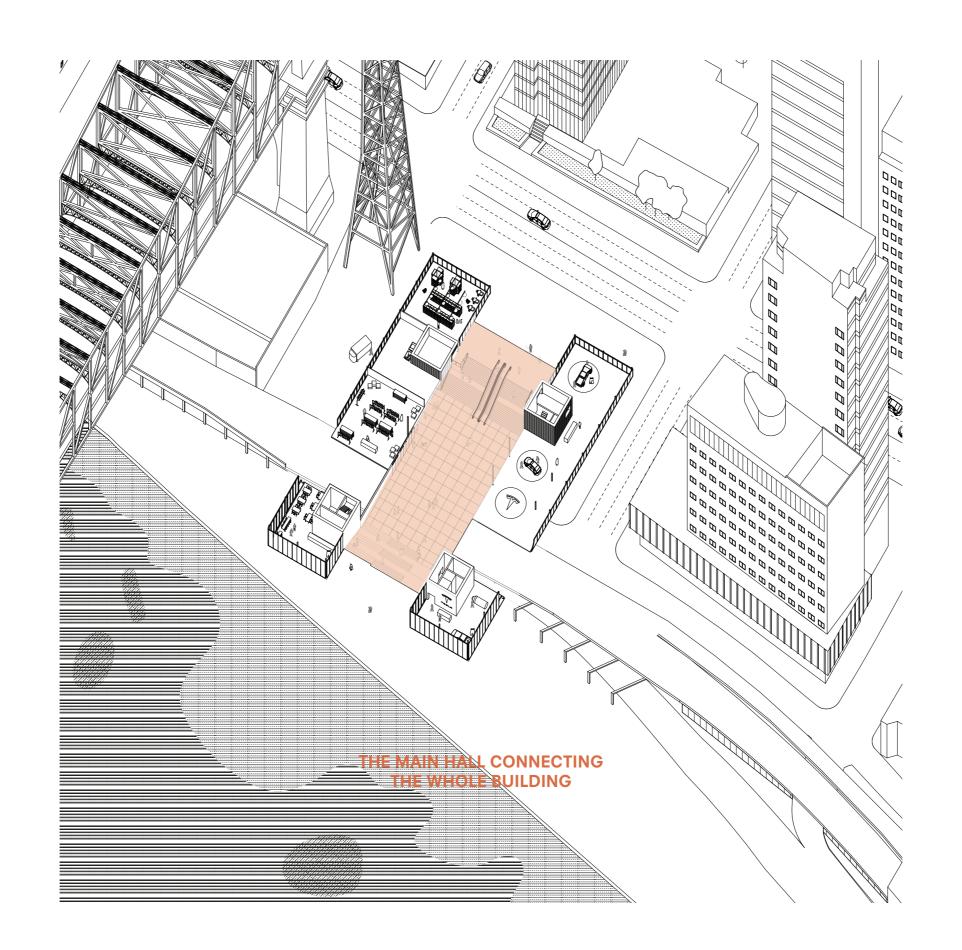






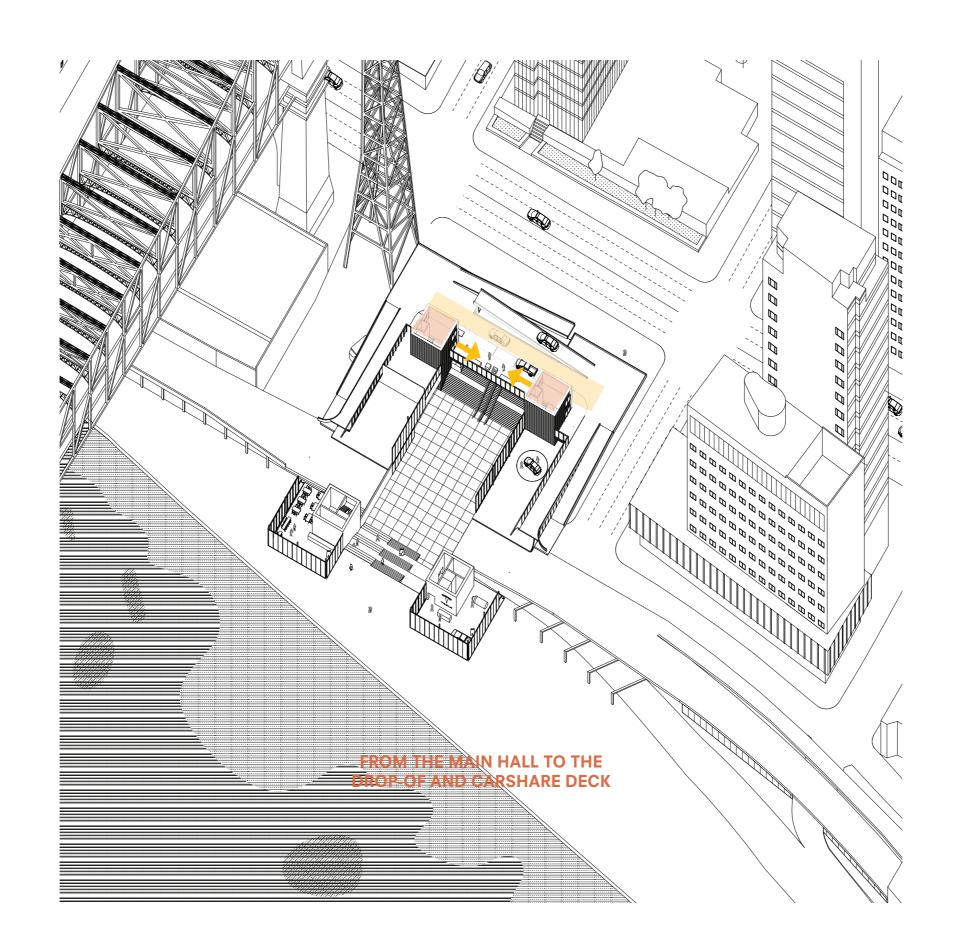


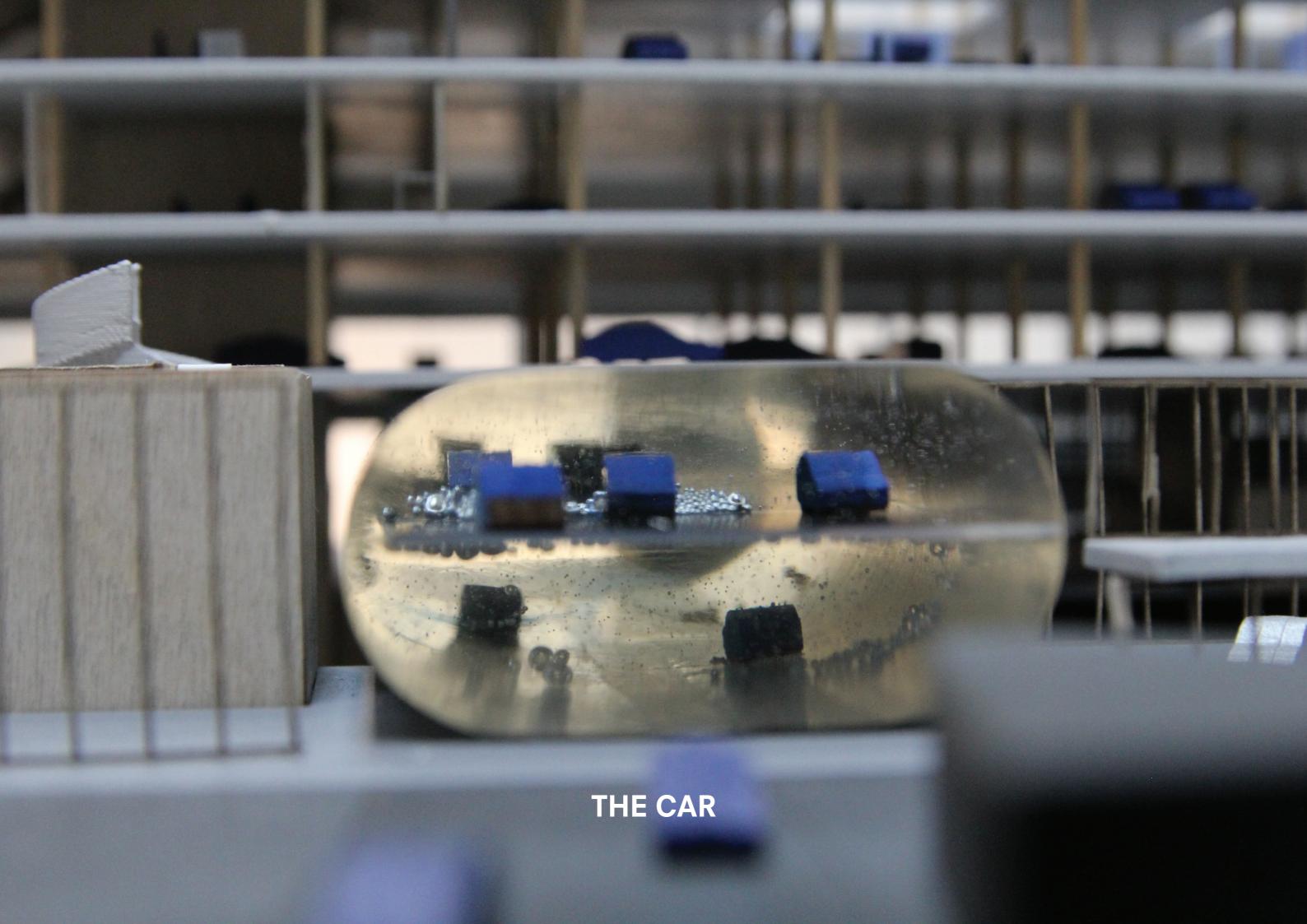
EXITING INTO THE MAIN HALL

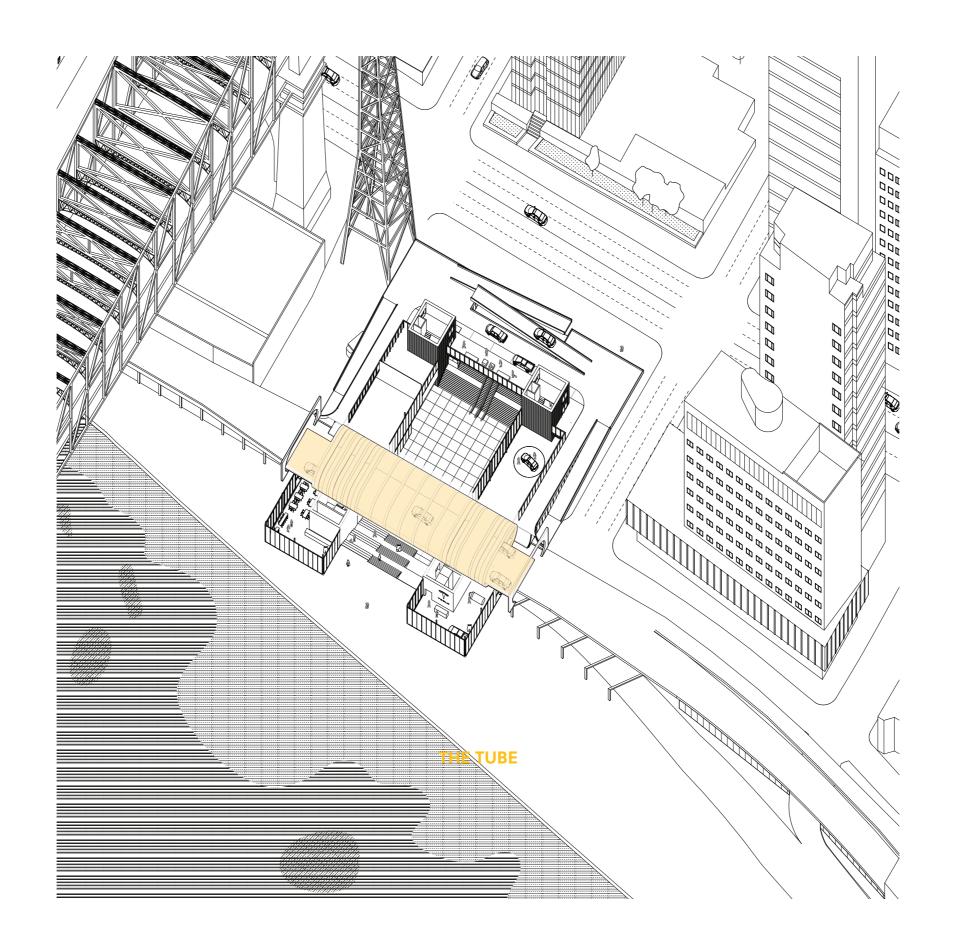


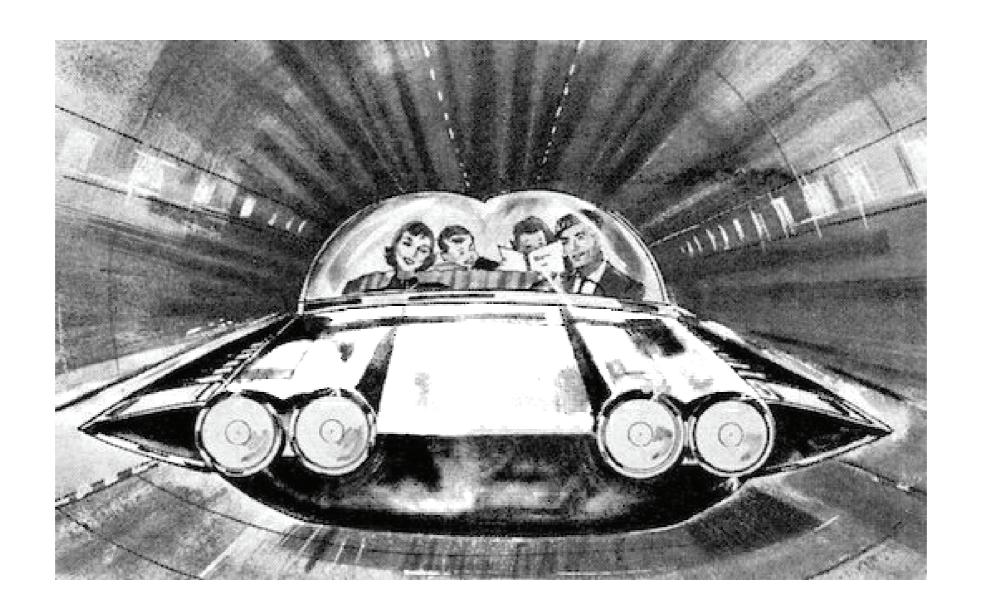


THE MAIN HALL

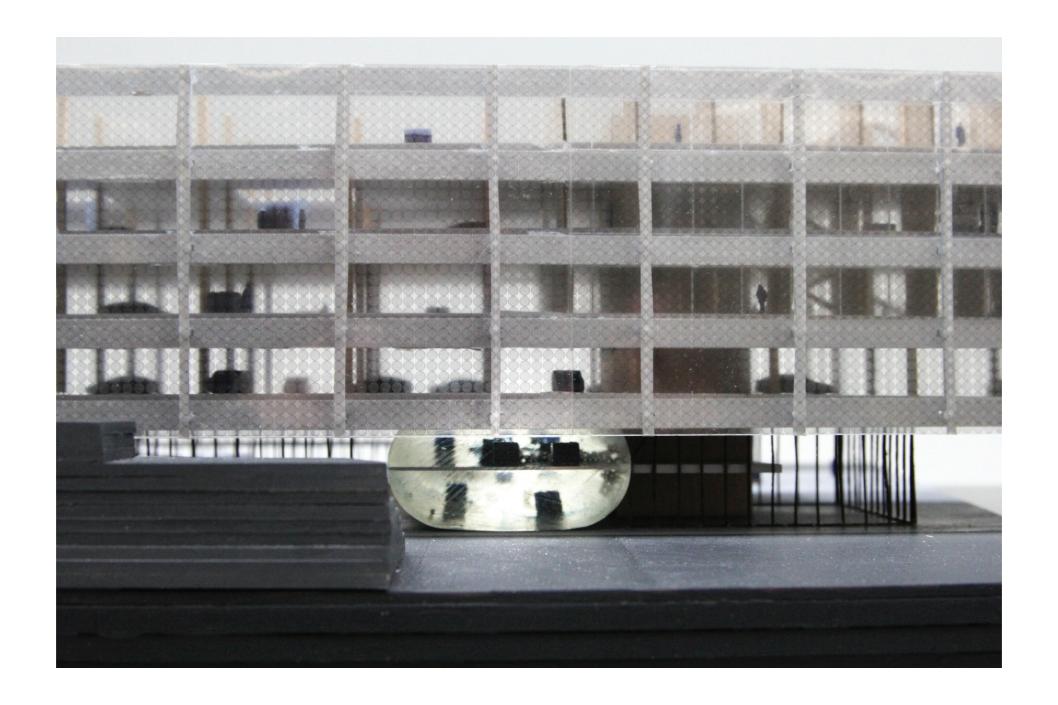




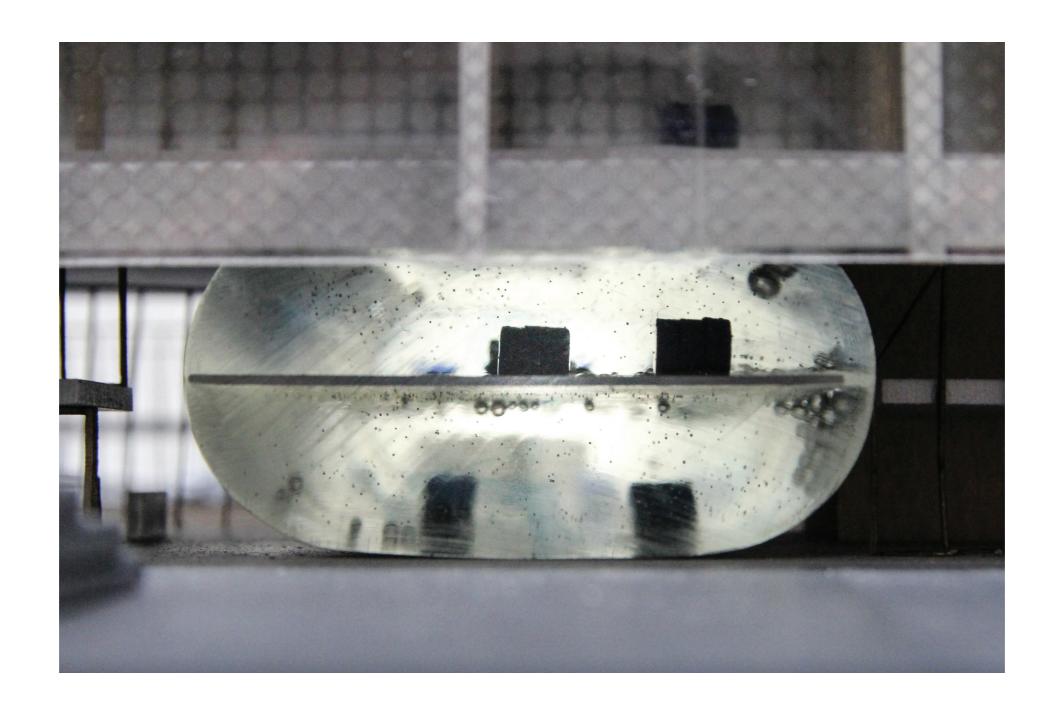




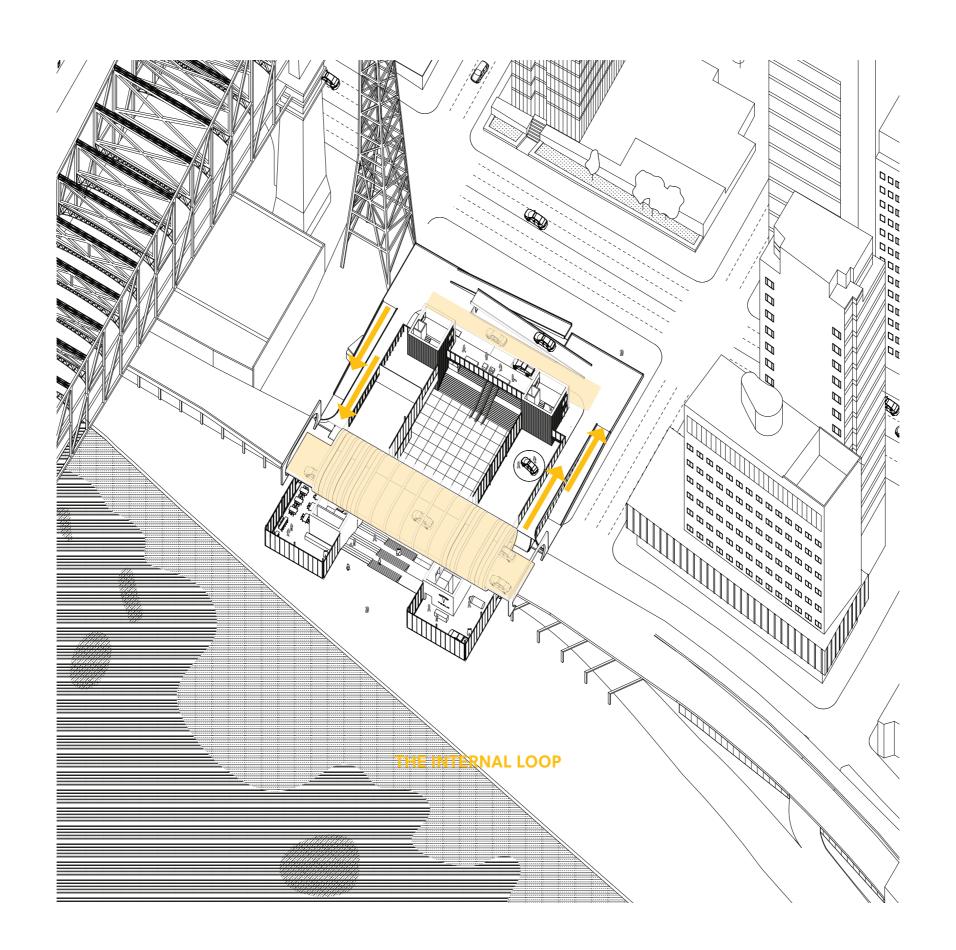
60'S FLOATING CARS IN A TUBE

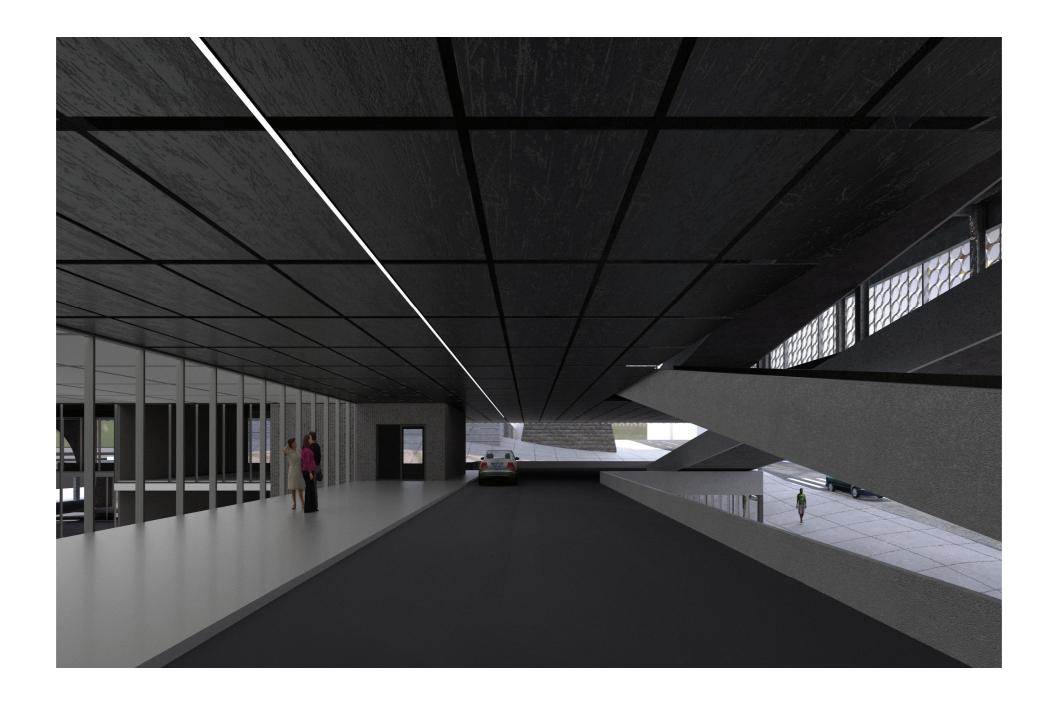


THE APPROACH

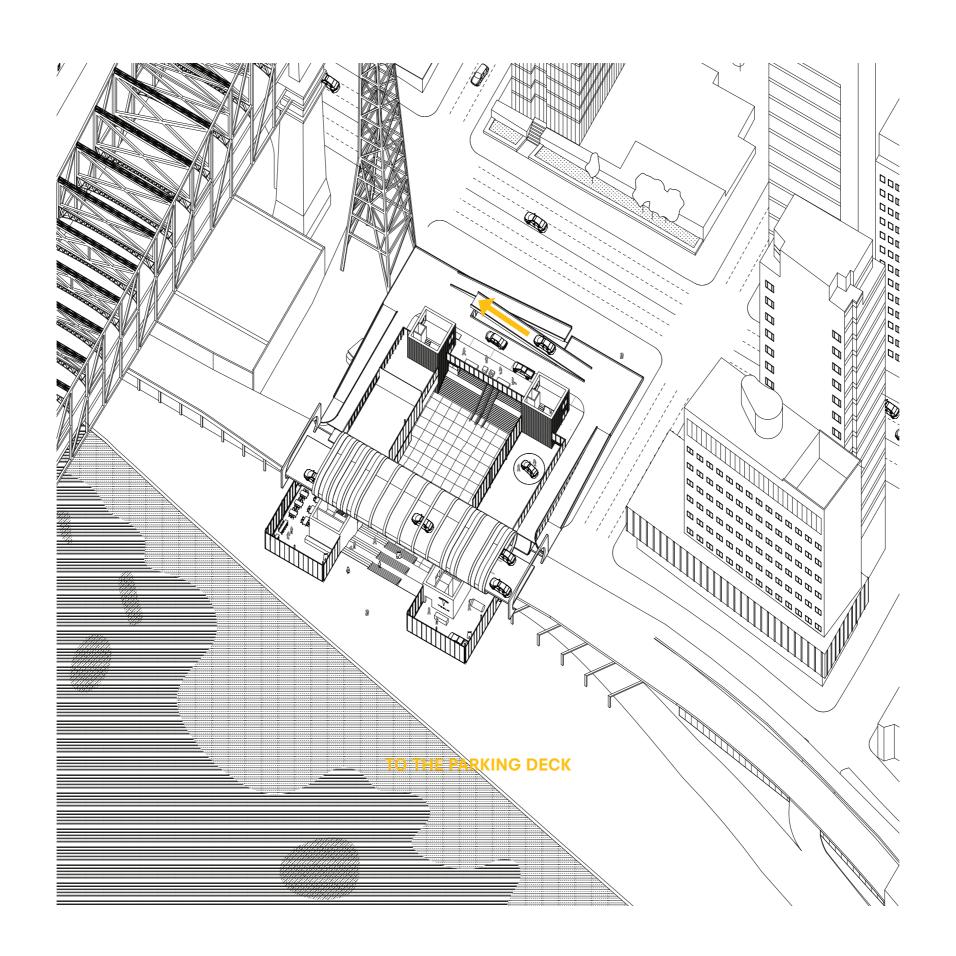


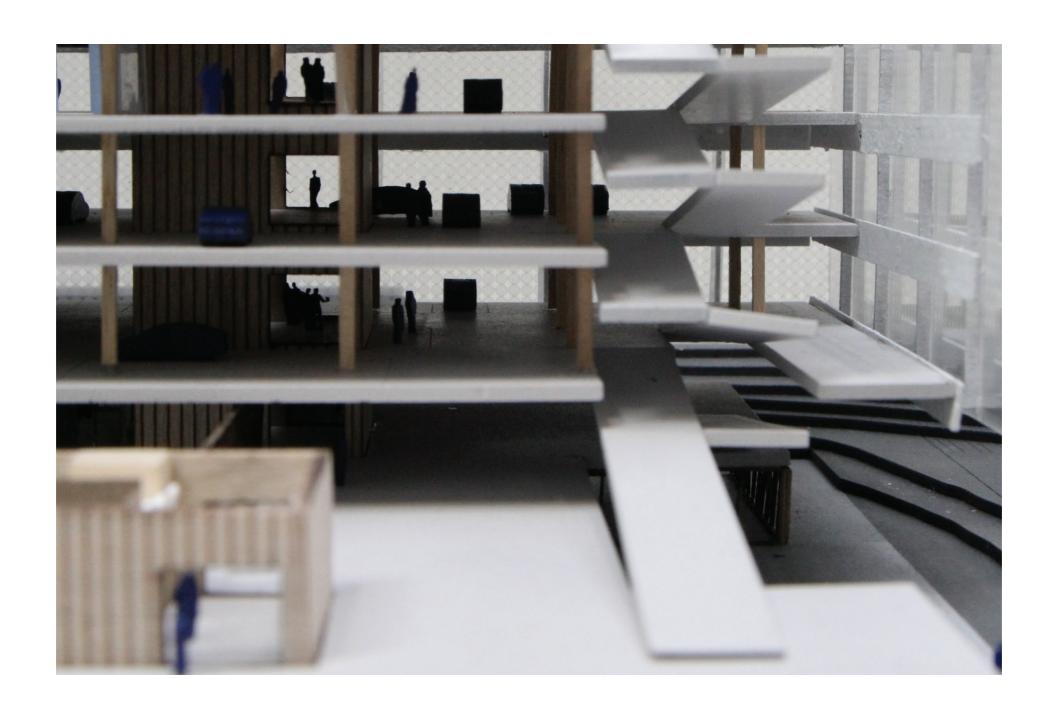
ENTERING

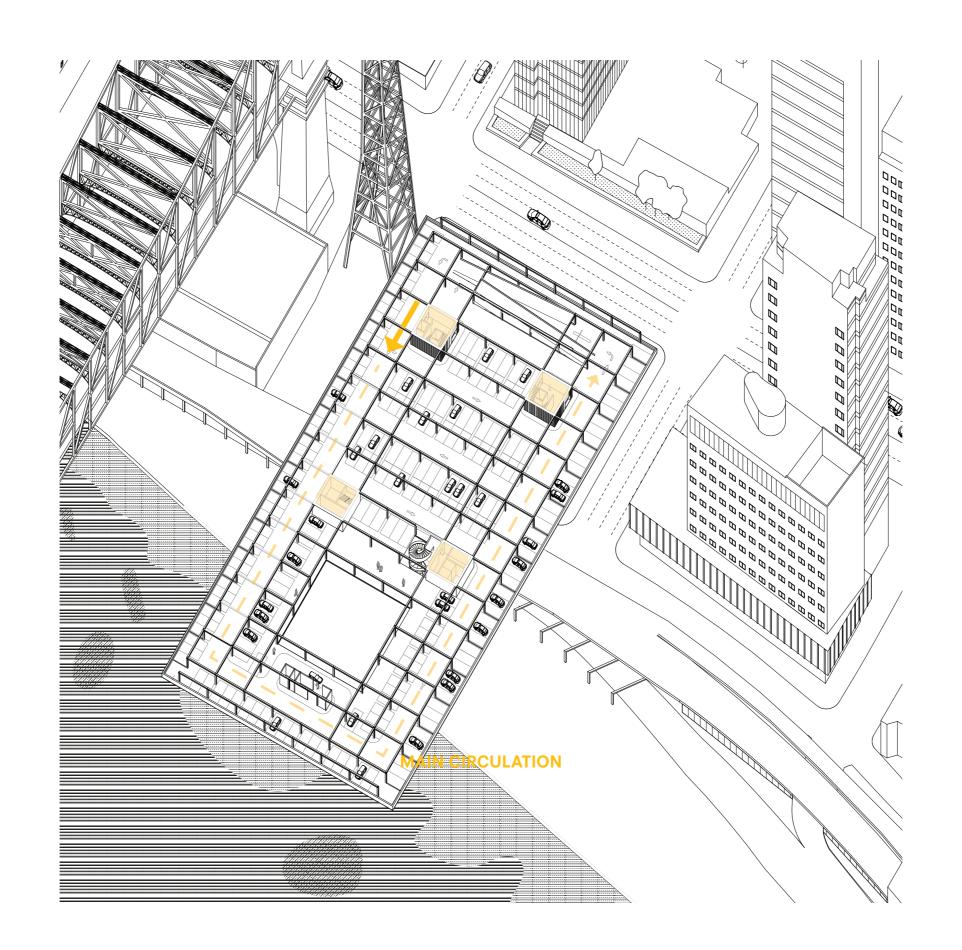




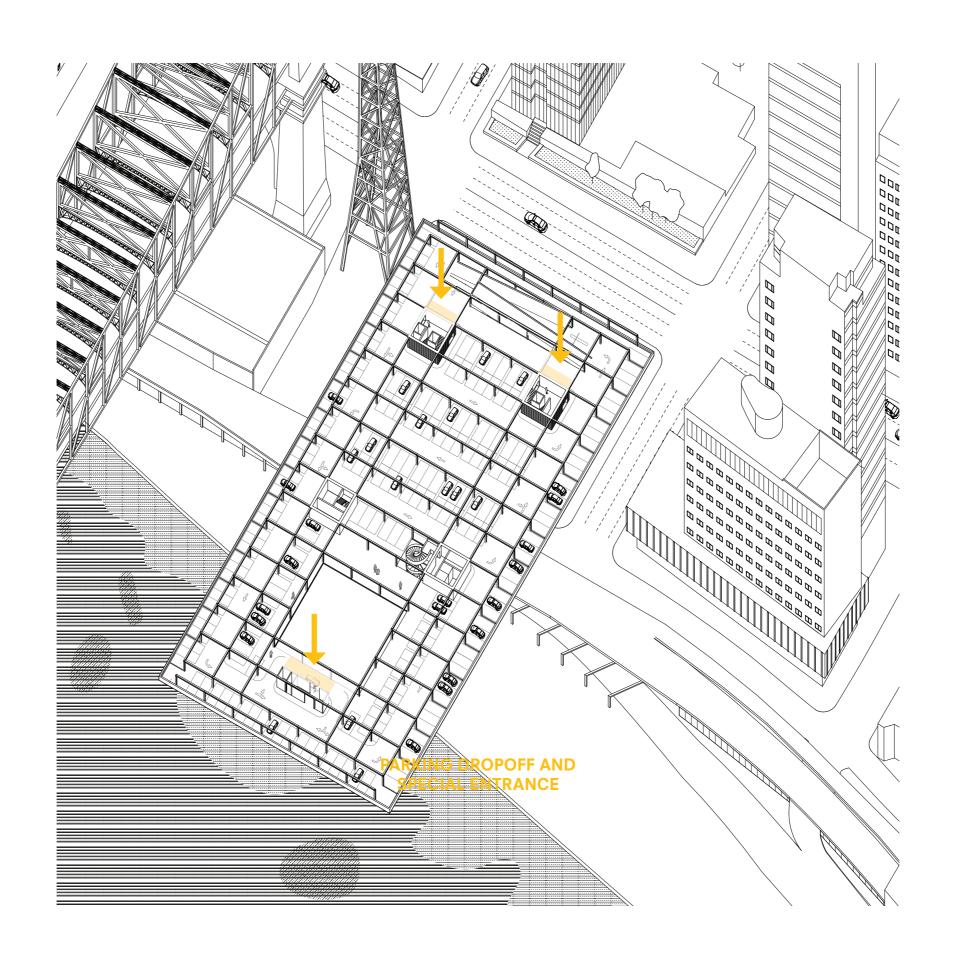
THE DROP OFF AND CARSHARE DECK

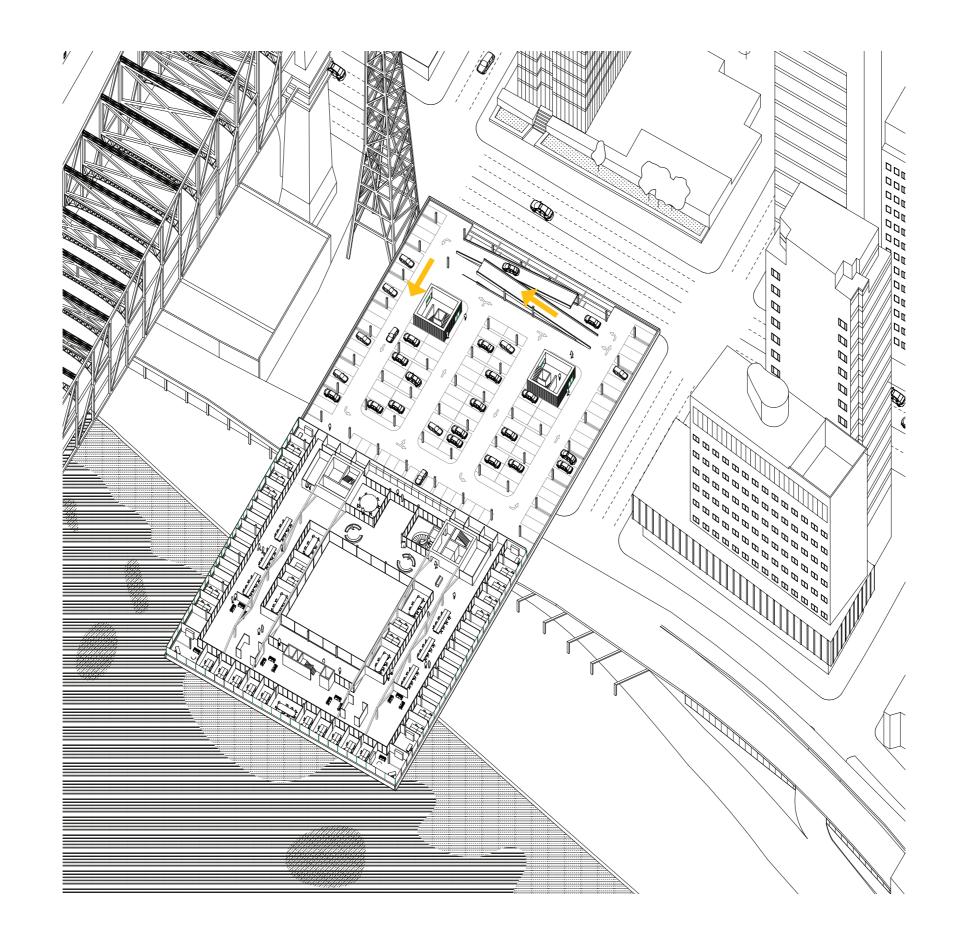


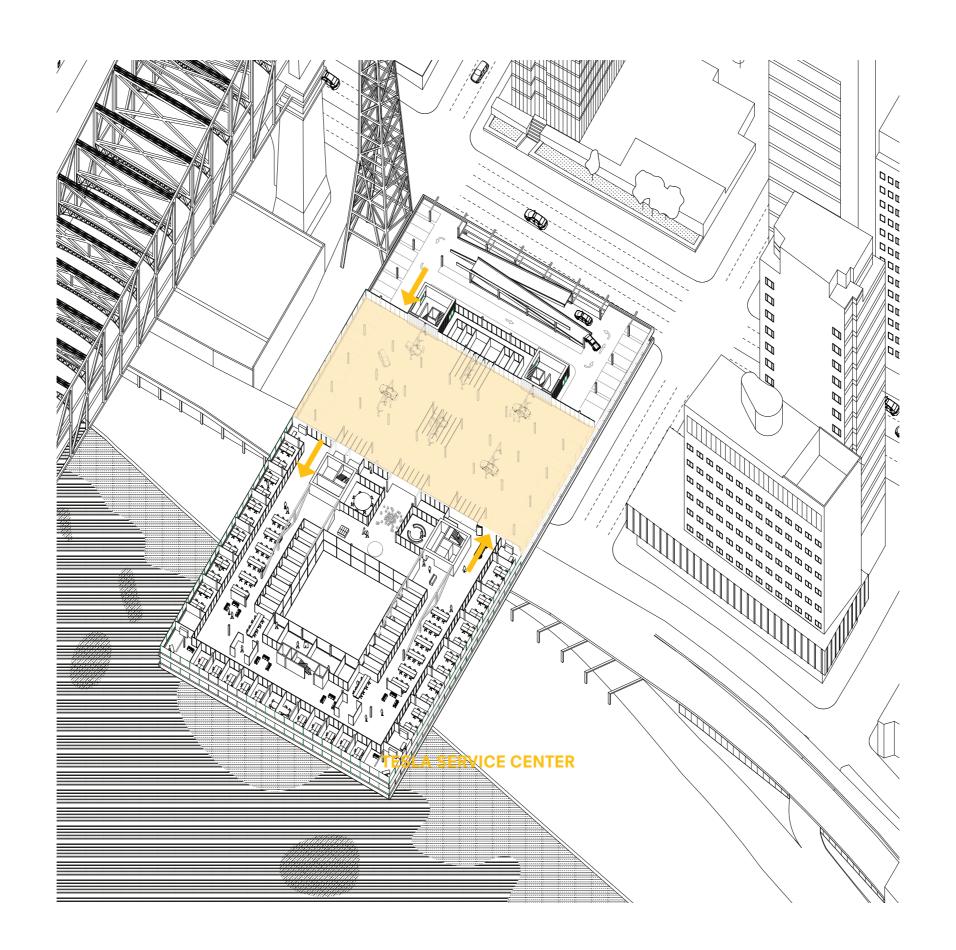






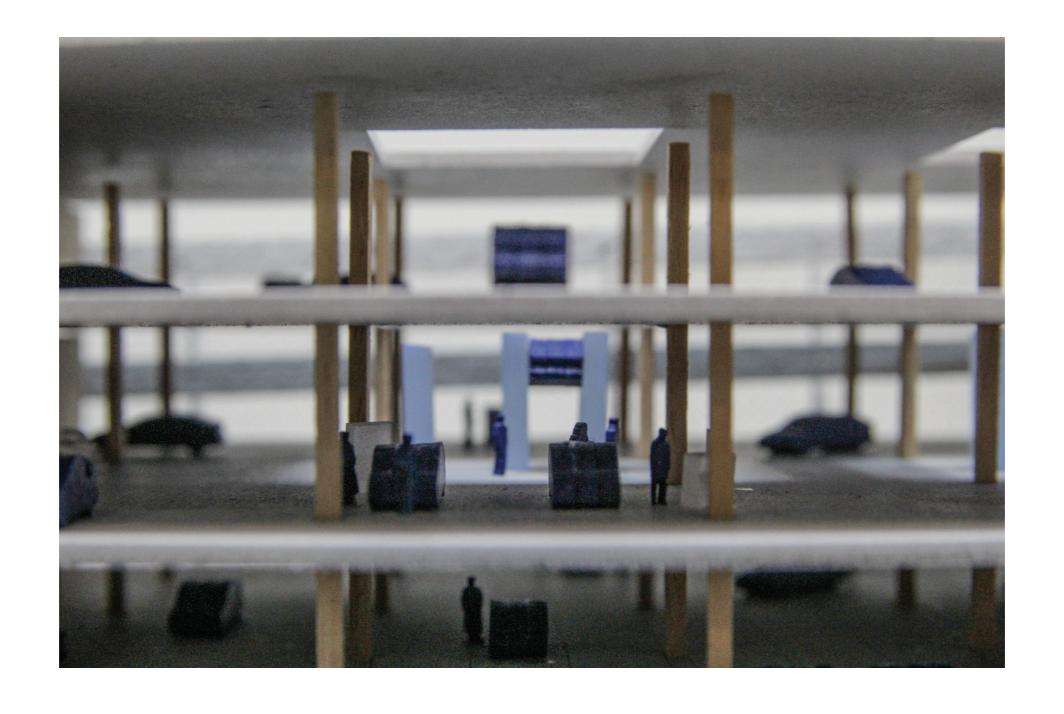




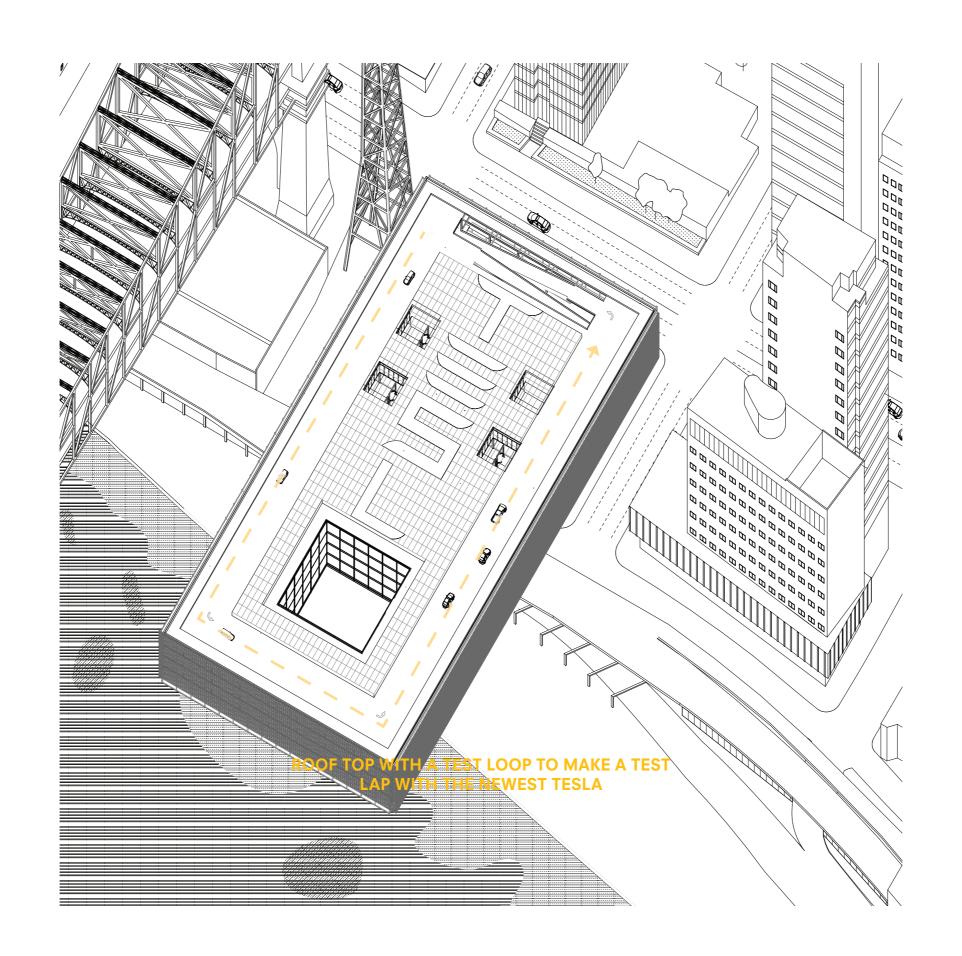




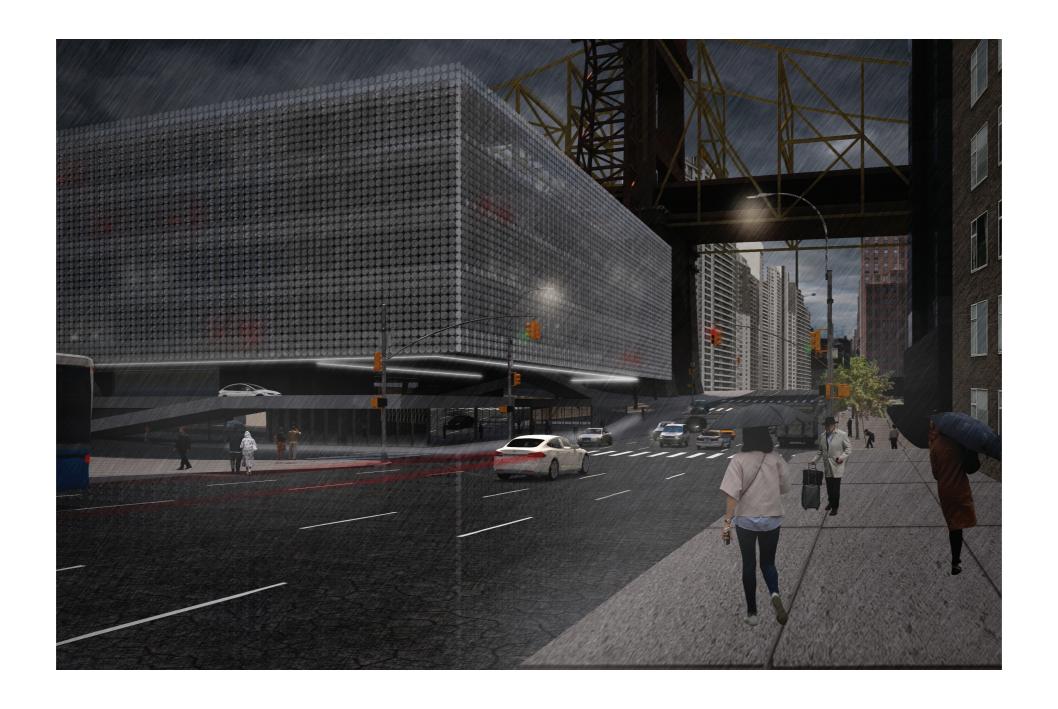
TESLA SERVICE CENTER CONNECTED WITH THE OFFICE



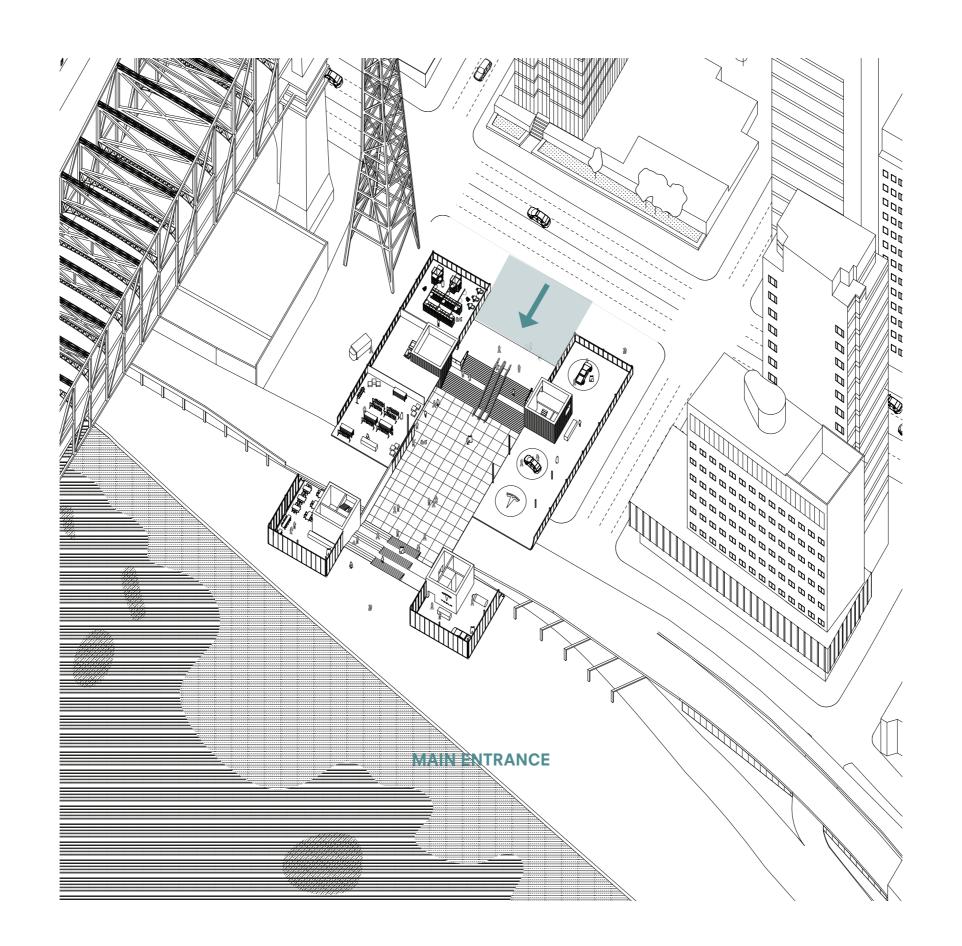
CAR LIFTS WITH DAY LIGHT AND PROVIDE A GLYMPS INTO THE SERVICE CENTER



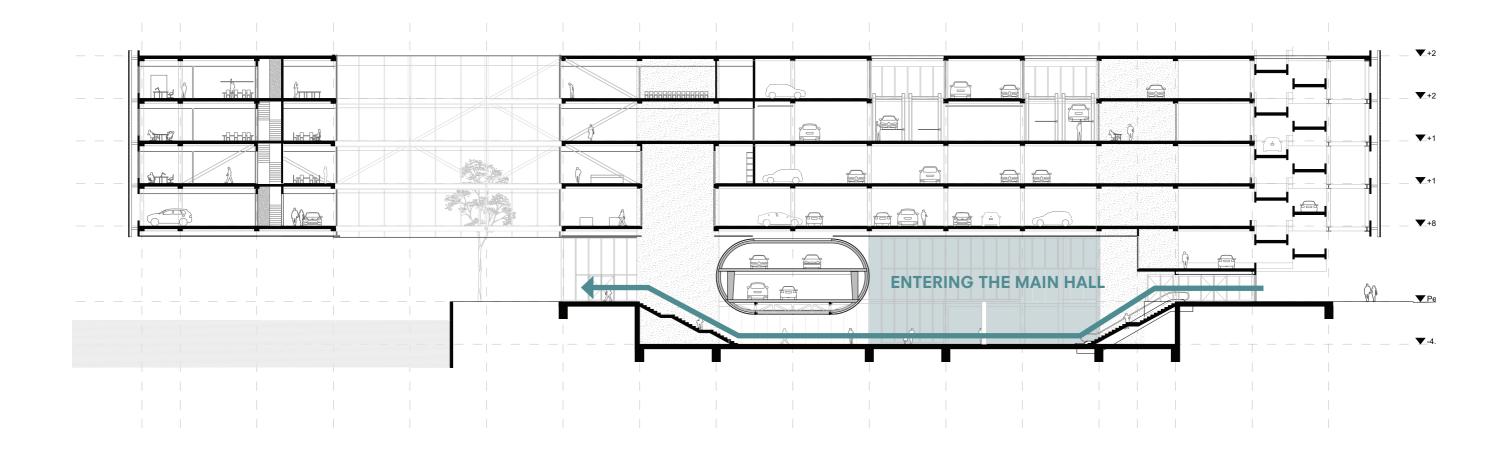




STREET ENTRY

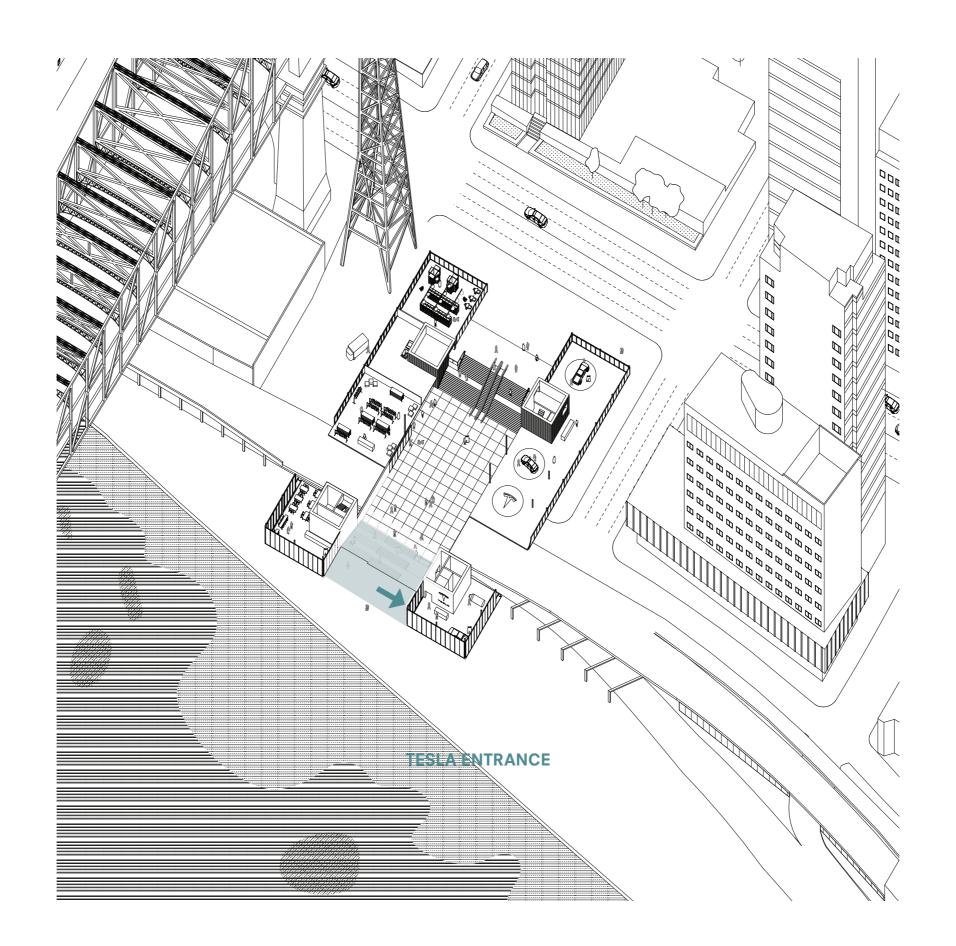






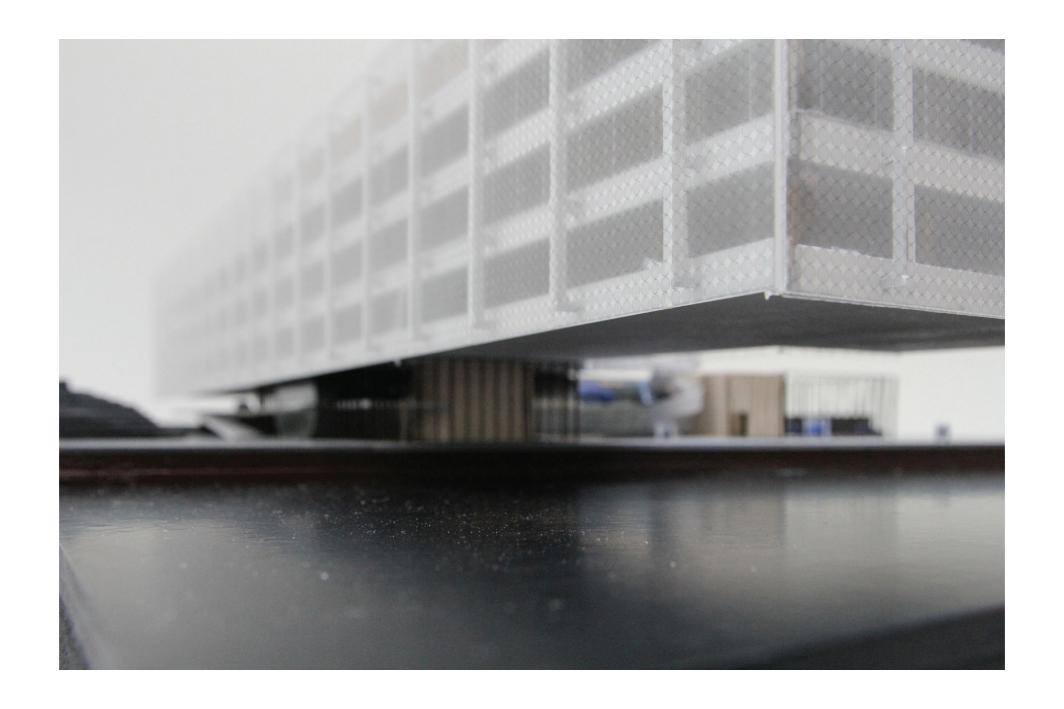


MAIN HALL

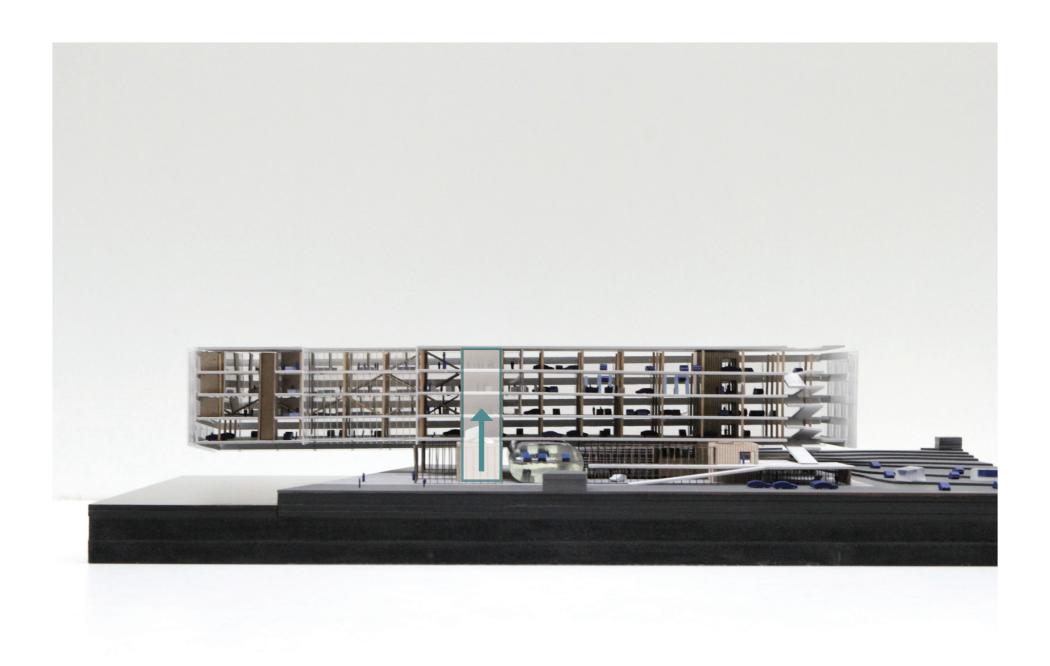




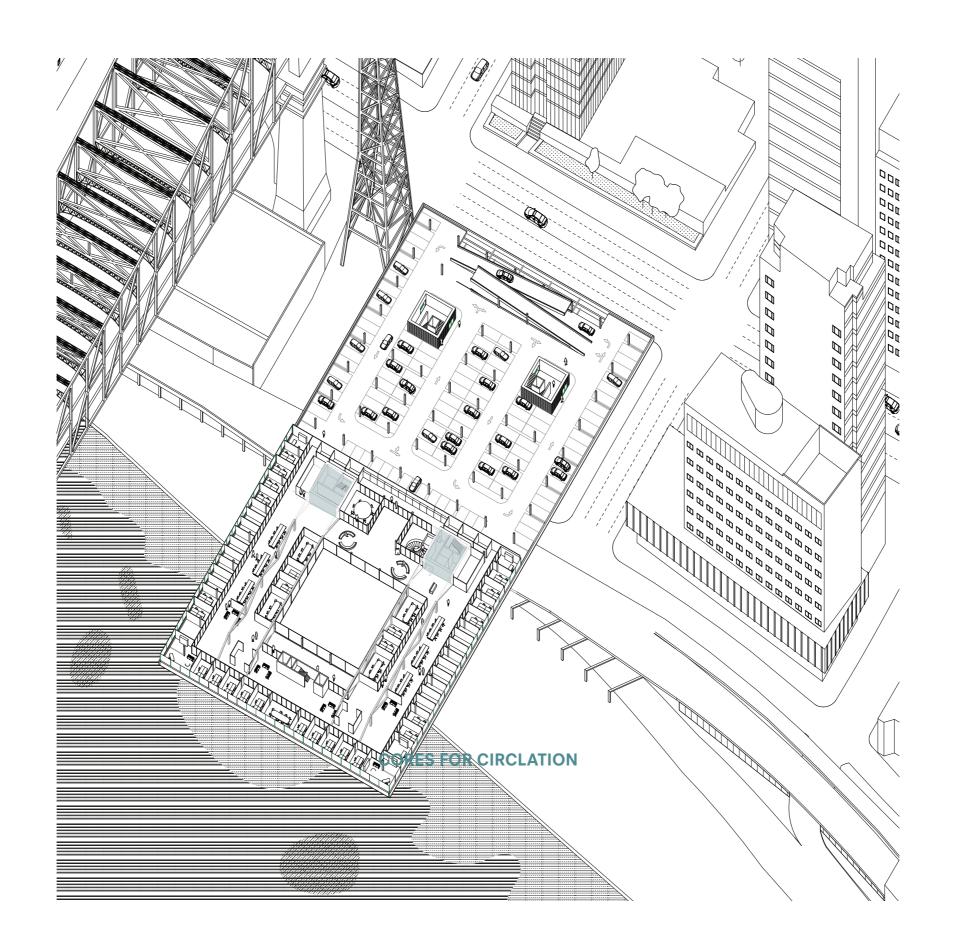
ATRIUM HOOVERING ABOVE THE WATER

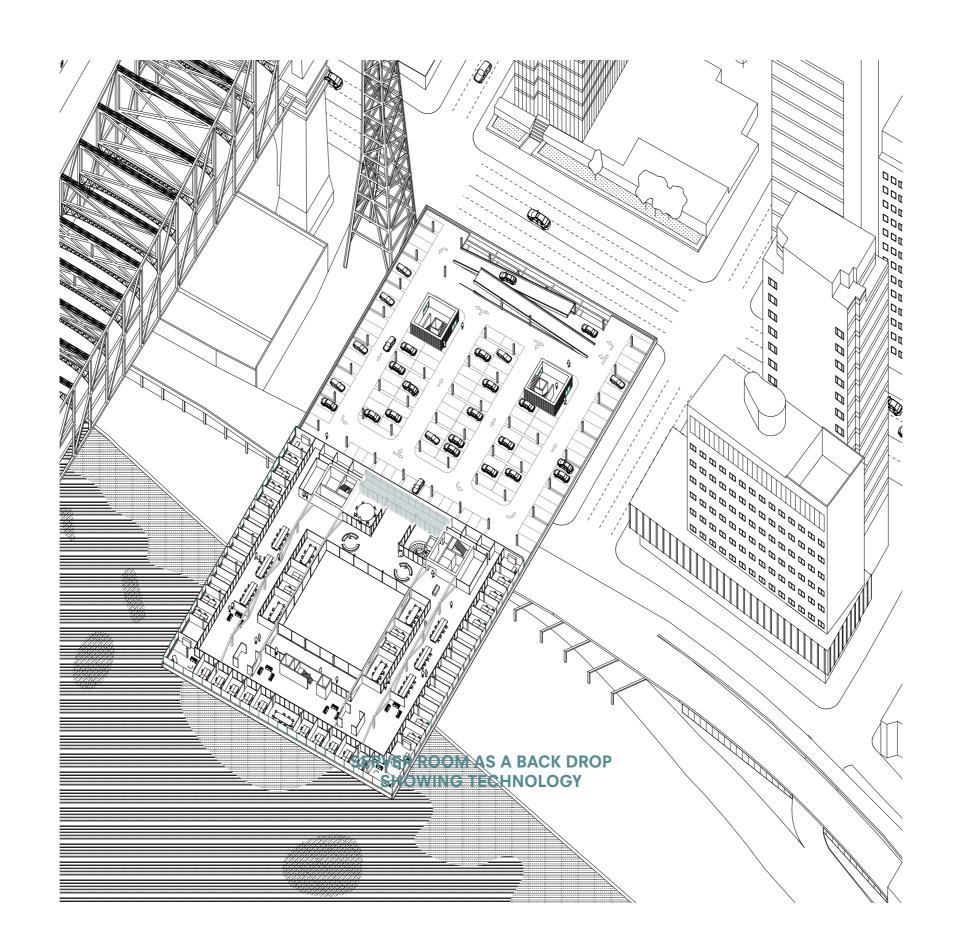


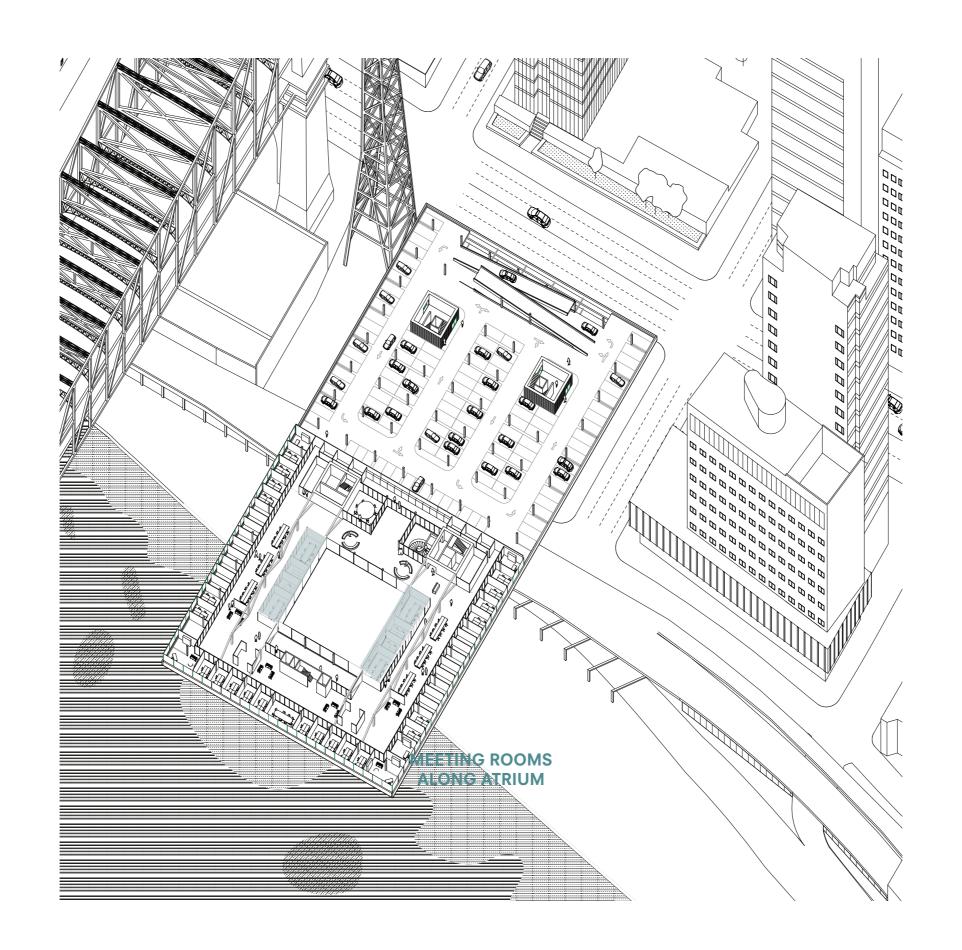
FLOATING BOX



ENTERING THE BUILDING THROUGH THE MAIN CORE

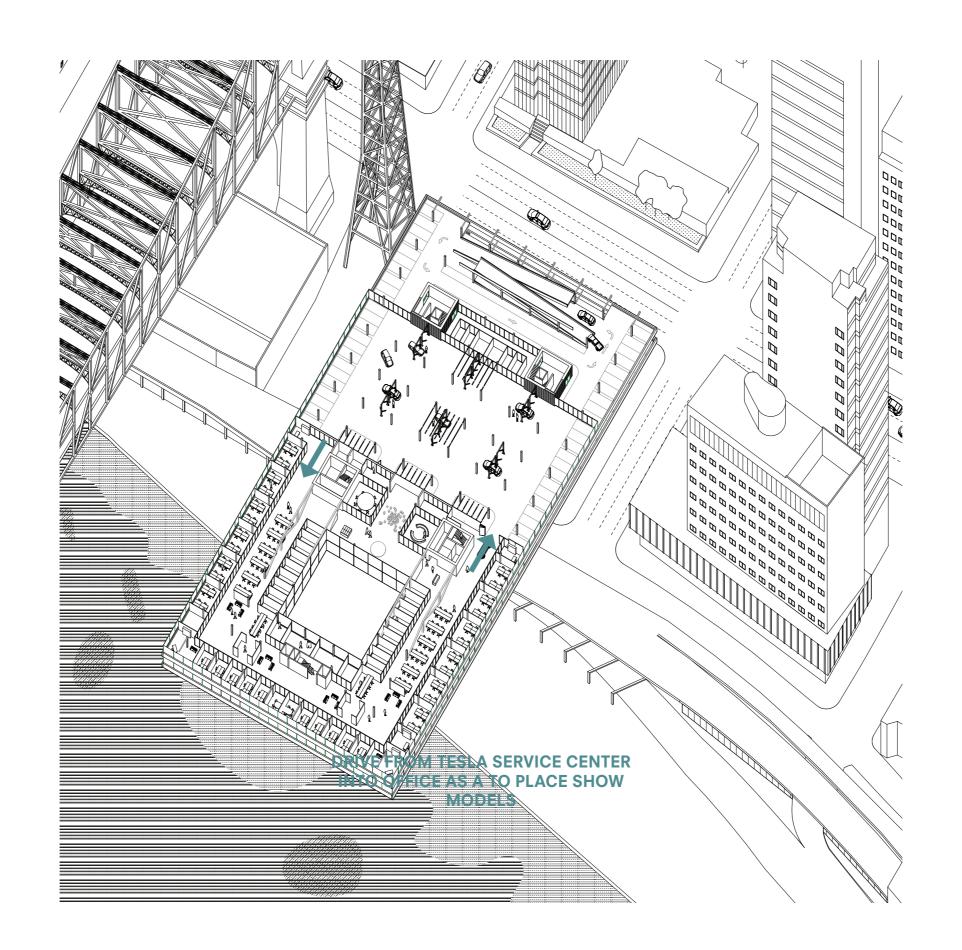


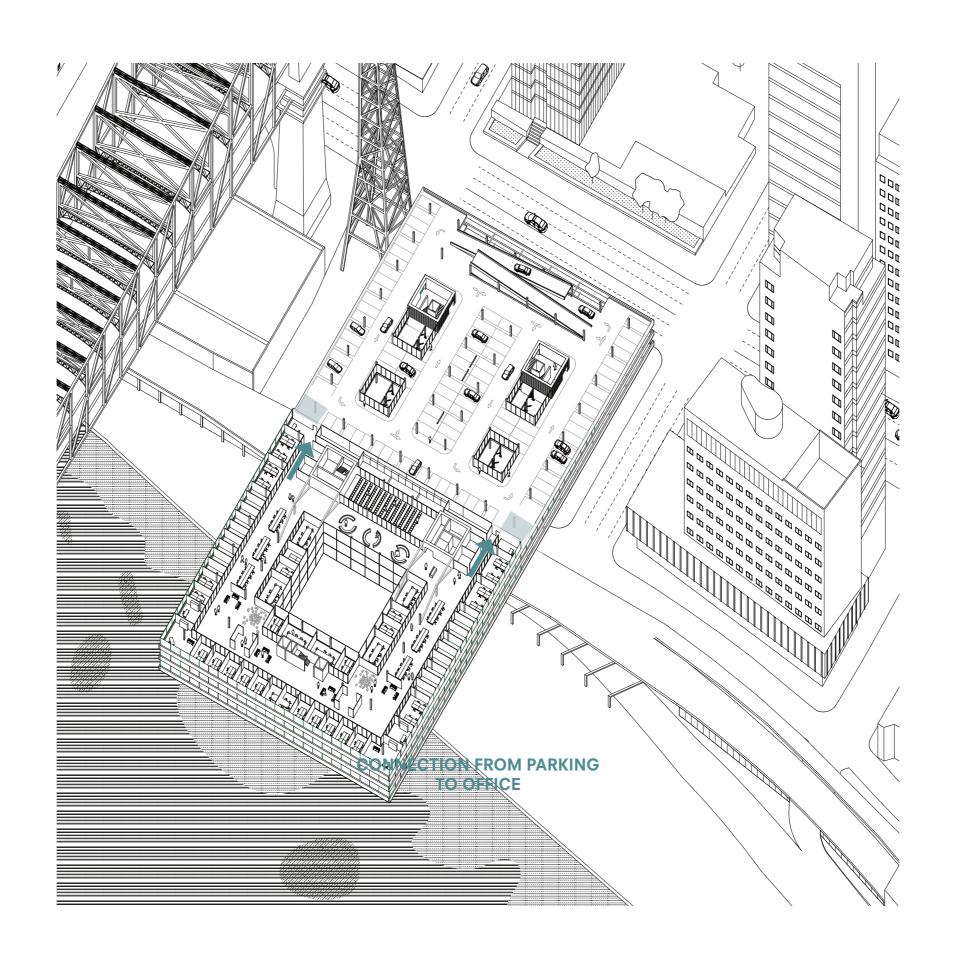


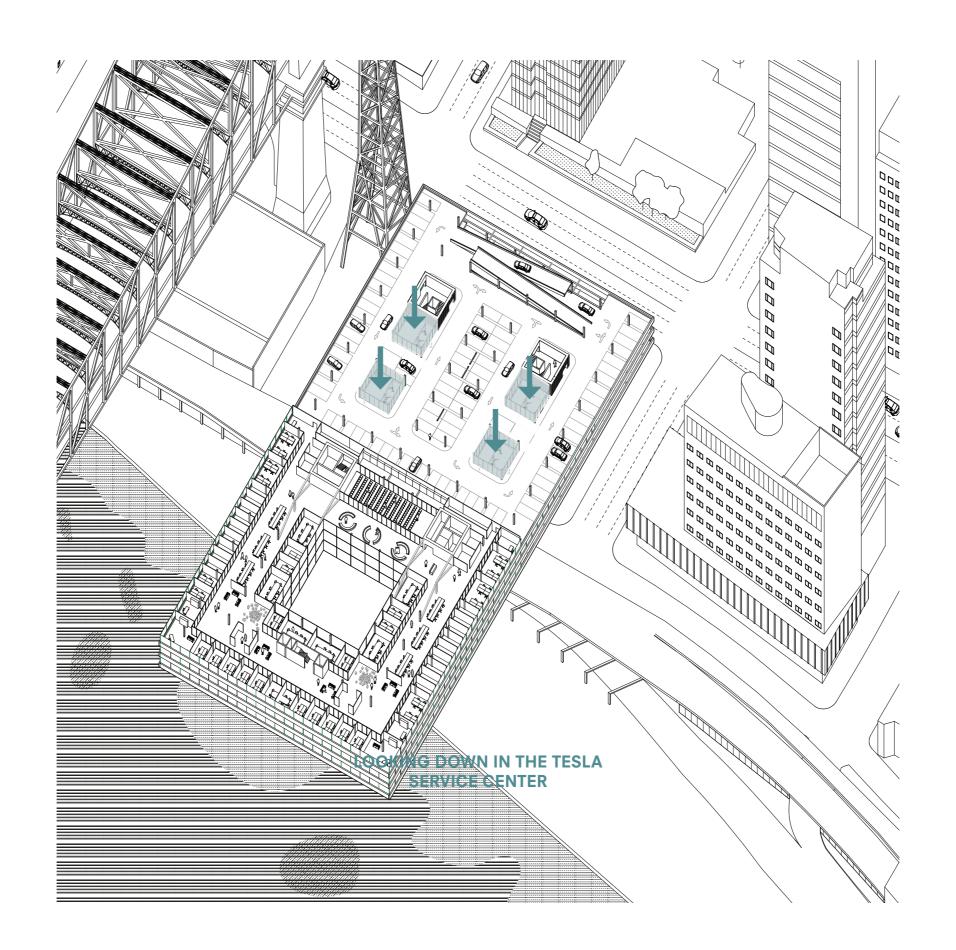


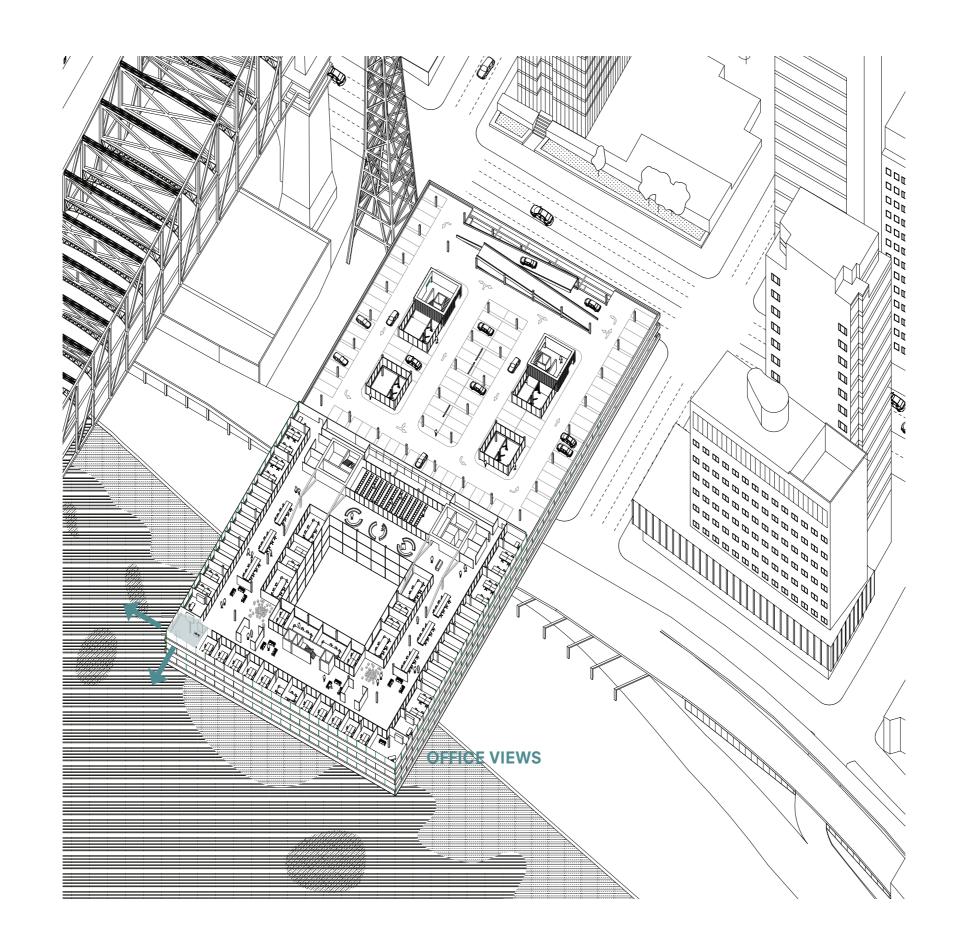


MEETING ROOMS



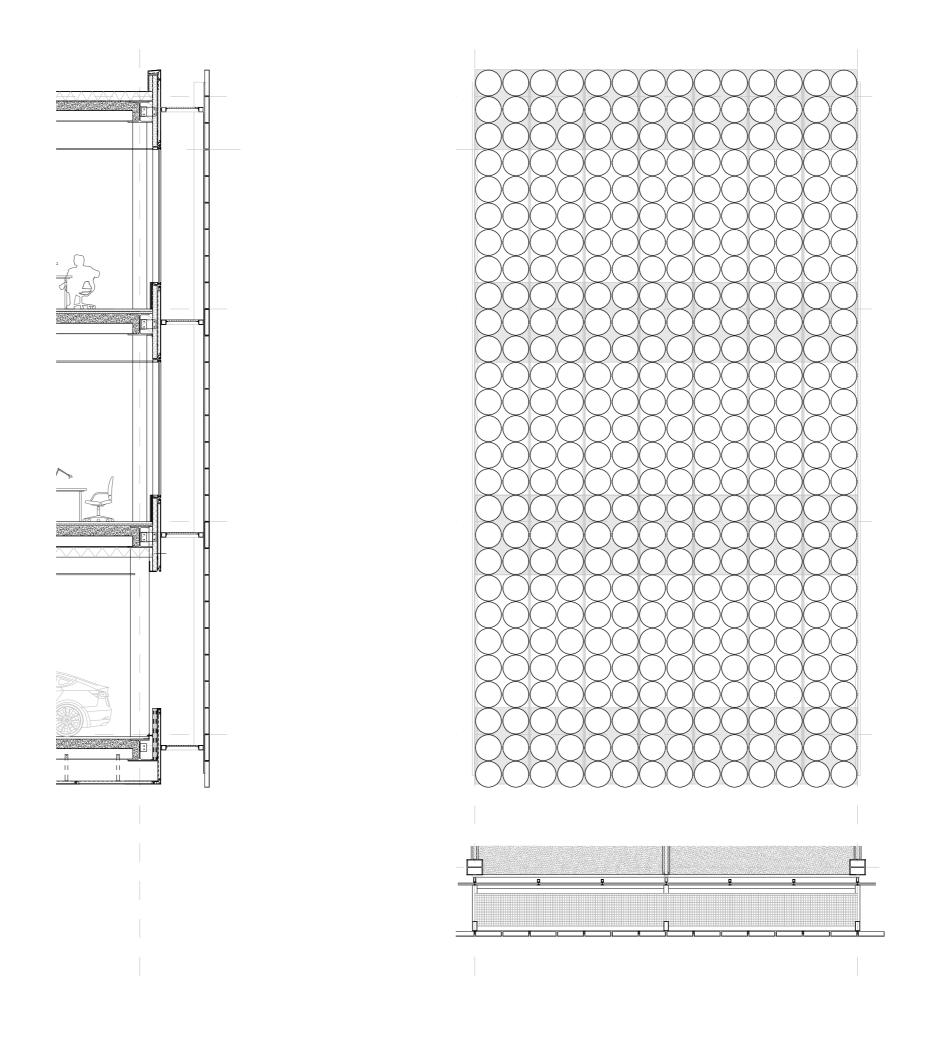


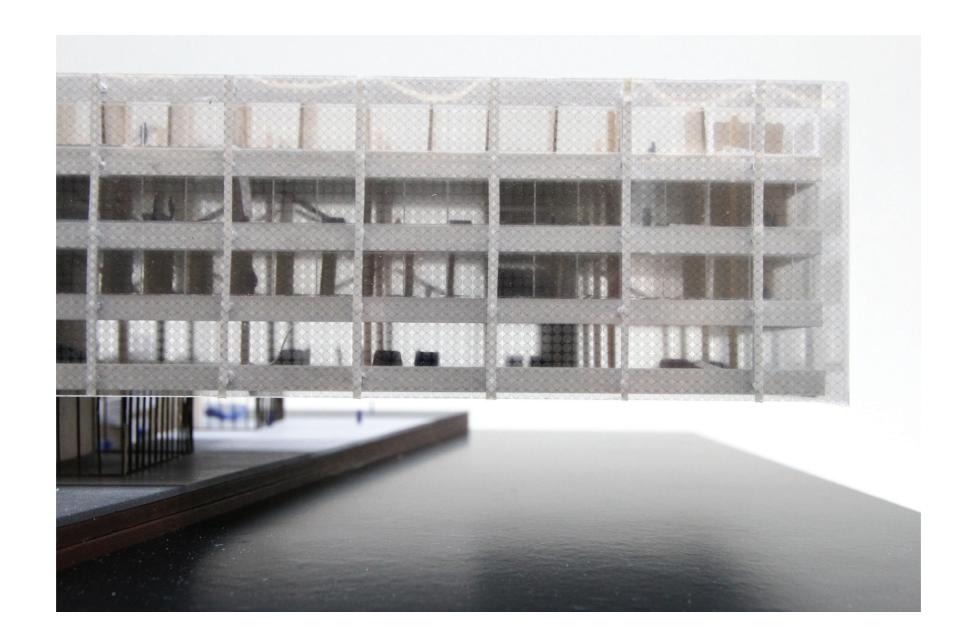






OFFICE INTERIOR

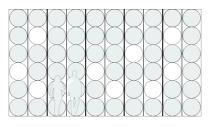


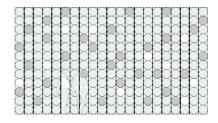


CORNER OFFICE VIEWS



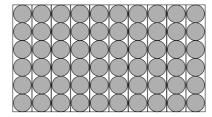
SOUTH FACADE

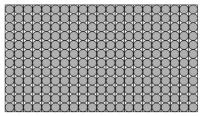




OPEN EN SEMI TRANSPARANT

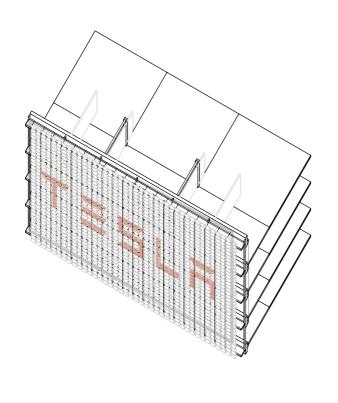
PV PANELS IN CIRCLES

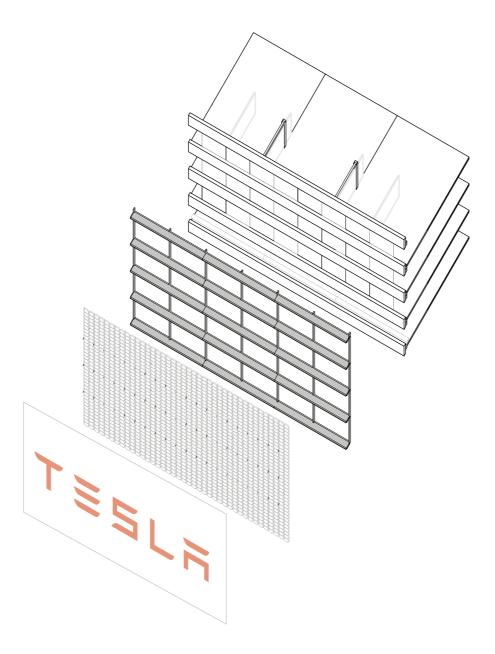


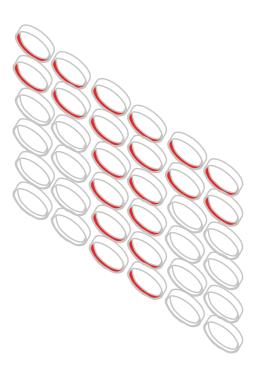


OPEN CLOSED RATIO 3:1

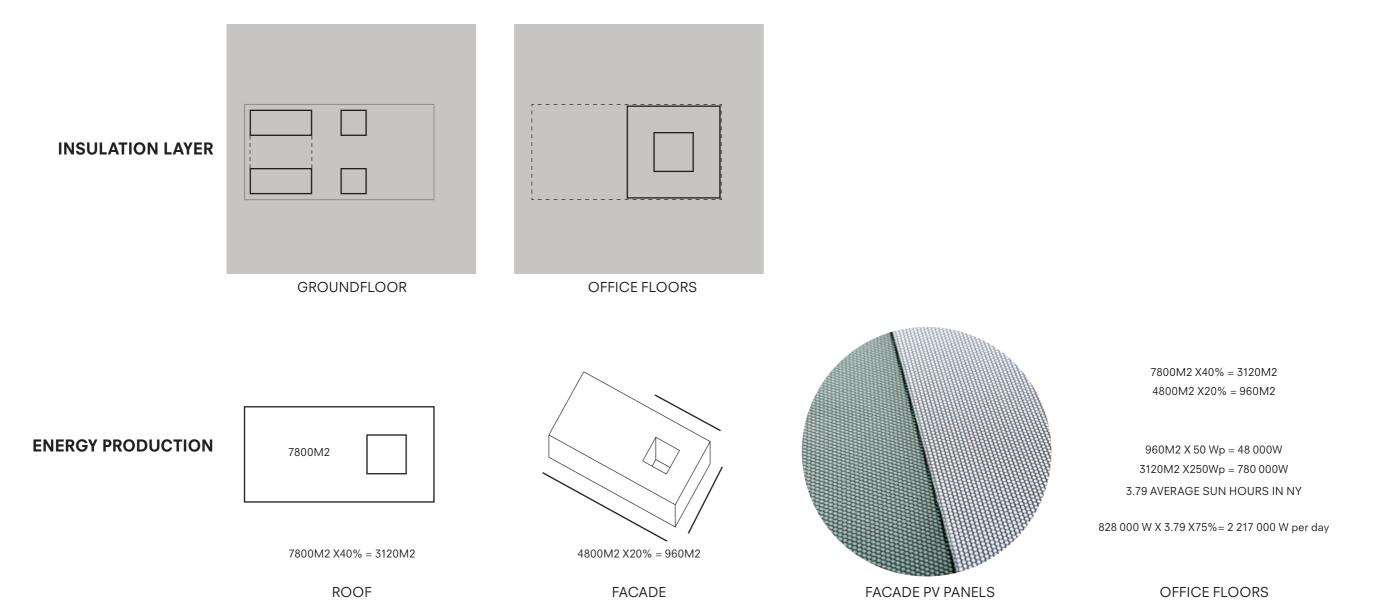
OPEN CLOSED RATIO 3:1

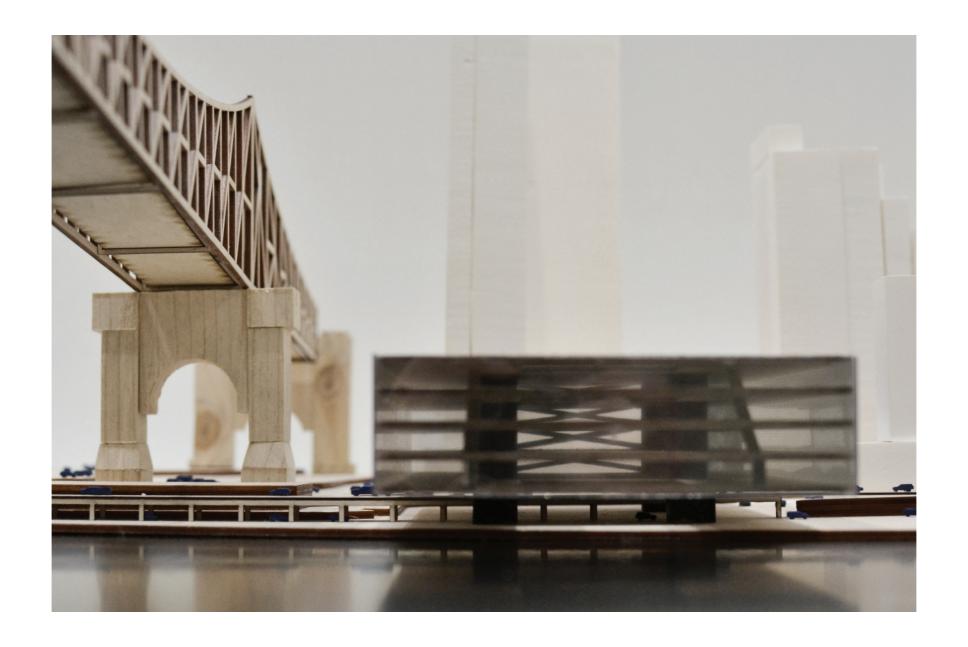




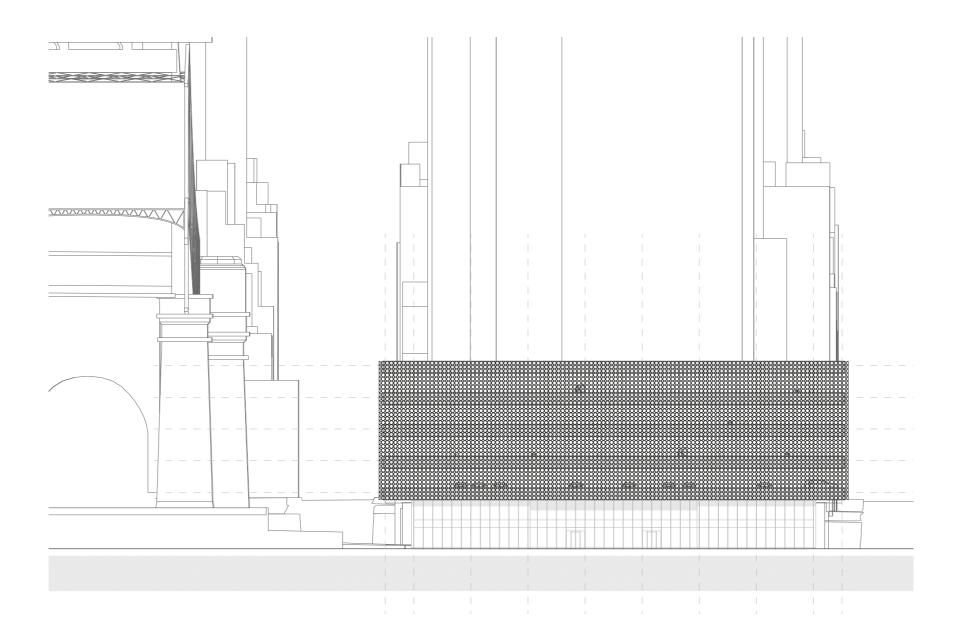


FACADE BUILT UP





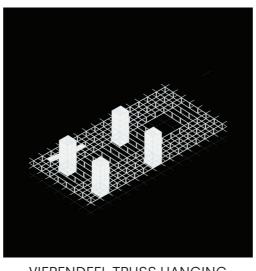
WATERFRONT FACADE



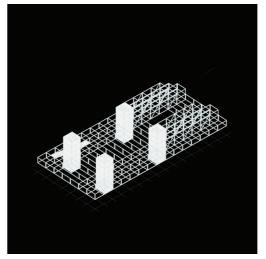




4 CONCRETE CORES 8,1X8,1



VIERENDEEL TRUSS HANGING FROM CORES



DIAGONALS AS CABLES HANGING
THE CANTILEVER

