

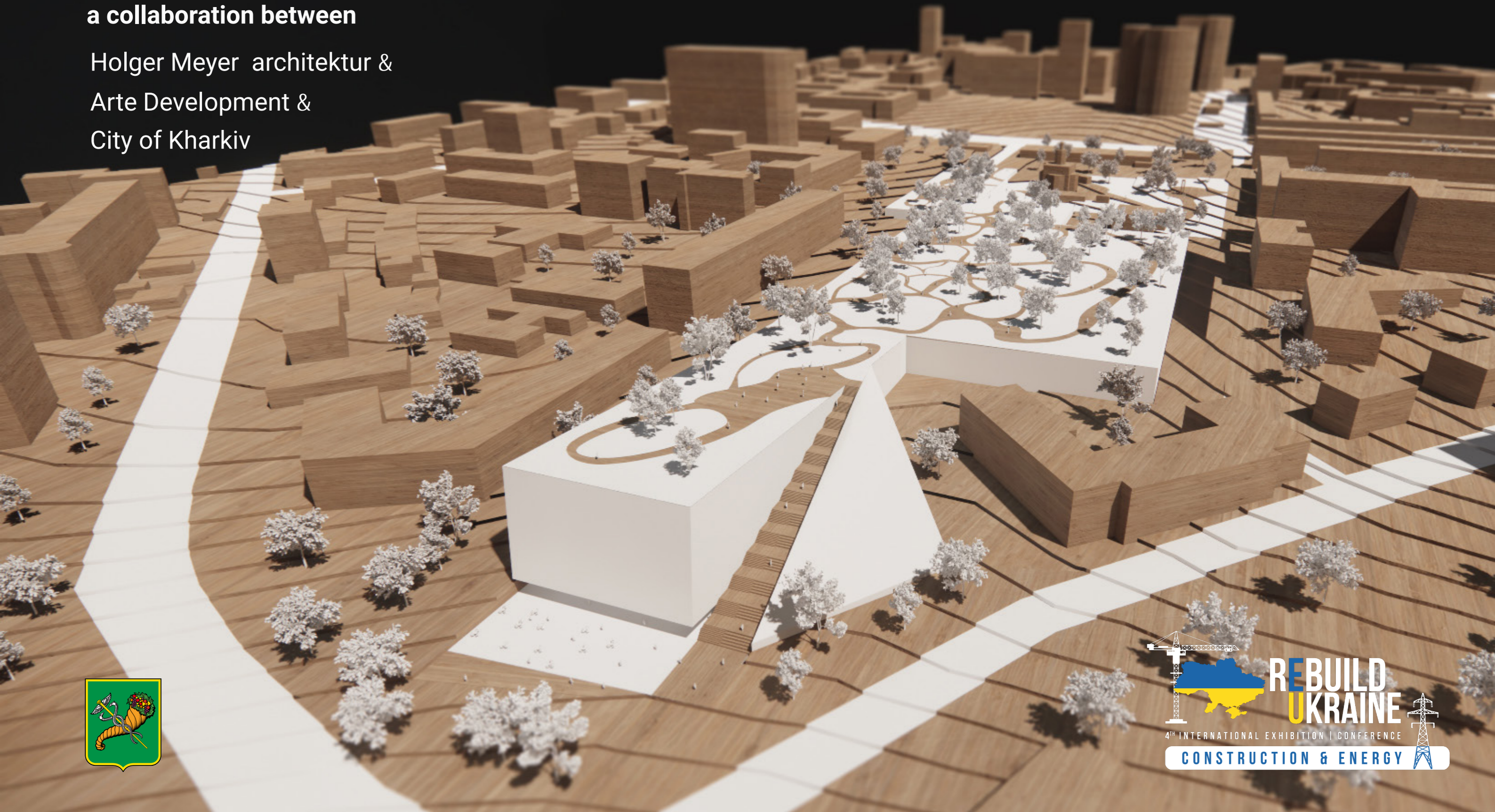
SHELTER PARK

a collaboration between

Holger Meyer architektur &

Arte Development &

City of Kharkiv

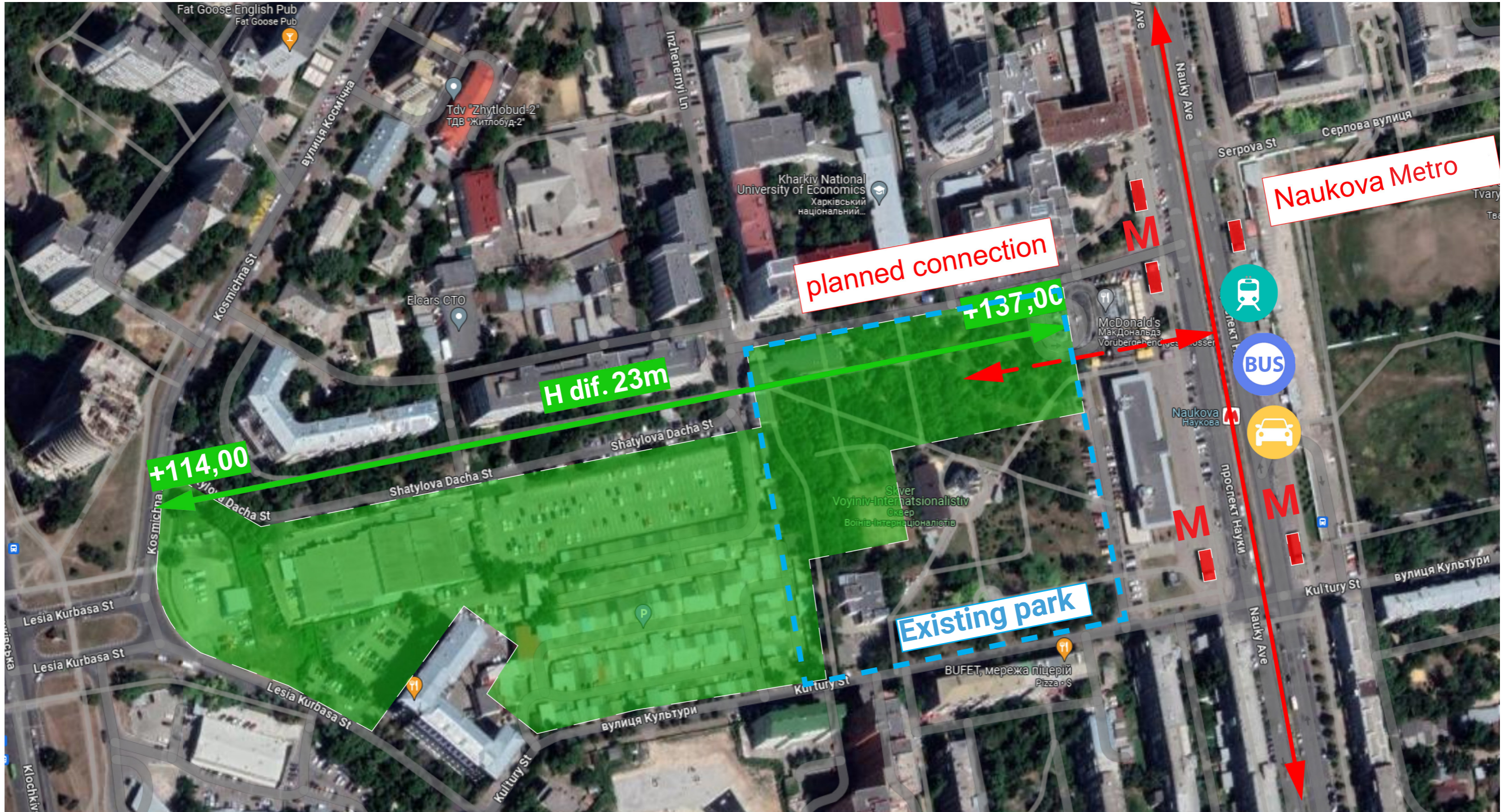


The location



The site

METRO & TOPOGRAPHY

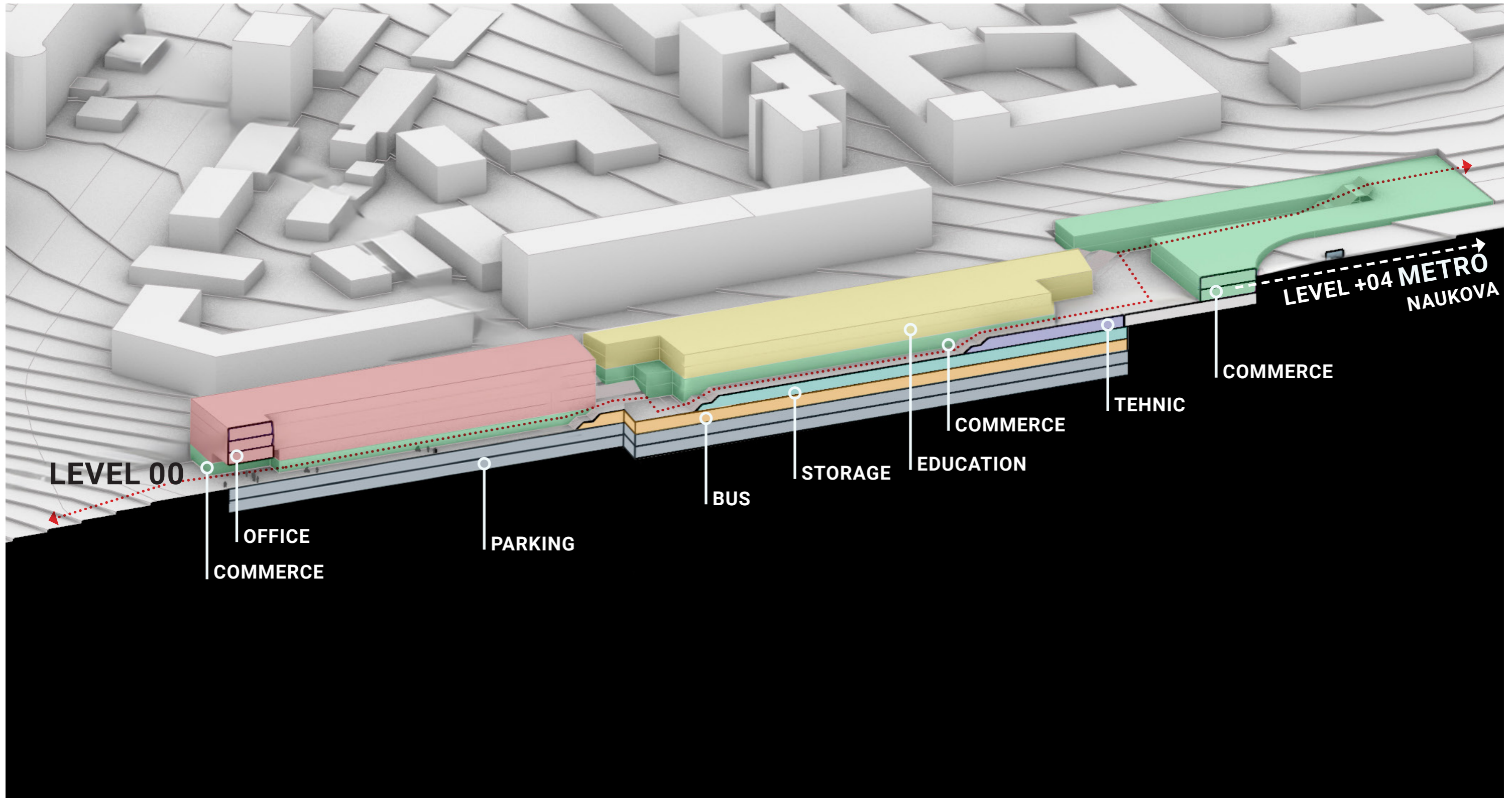


The concept



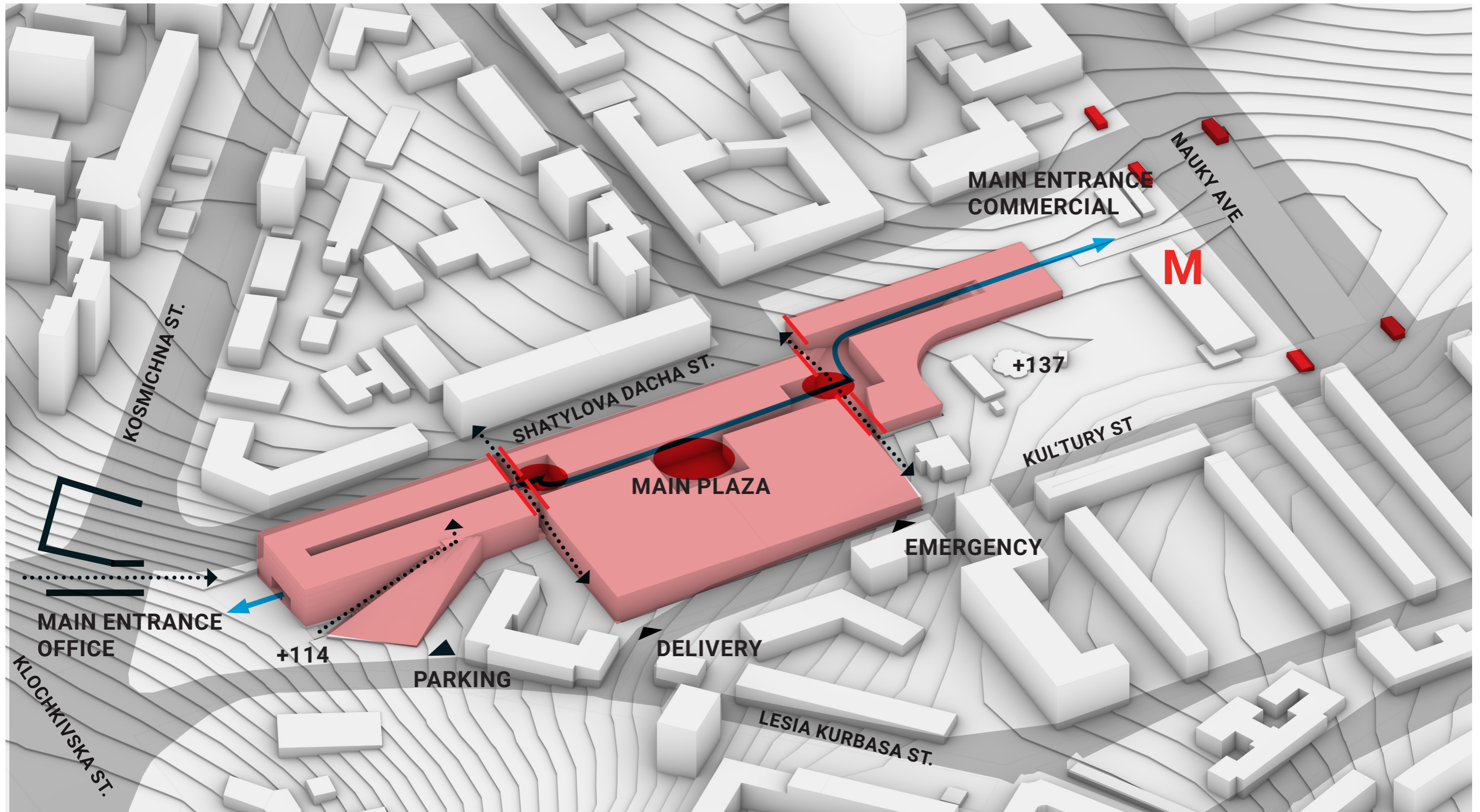
Connections

MAIN ARTERY

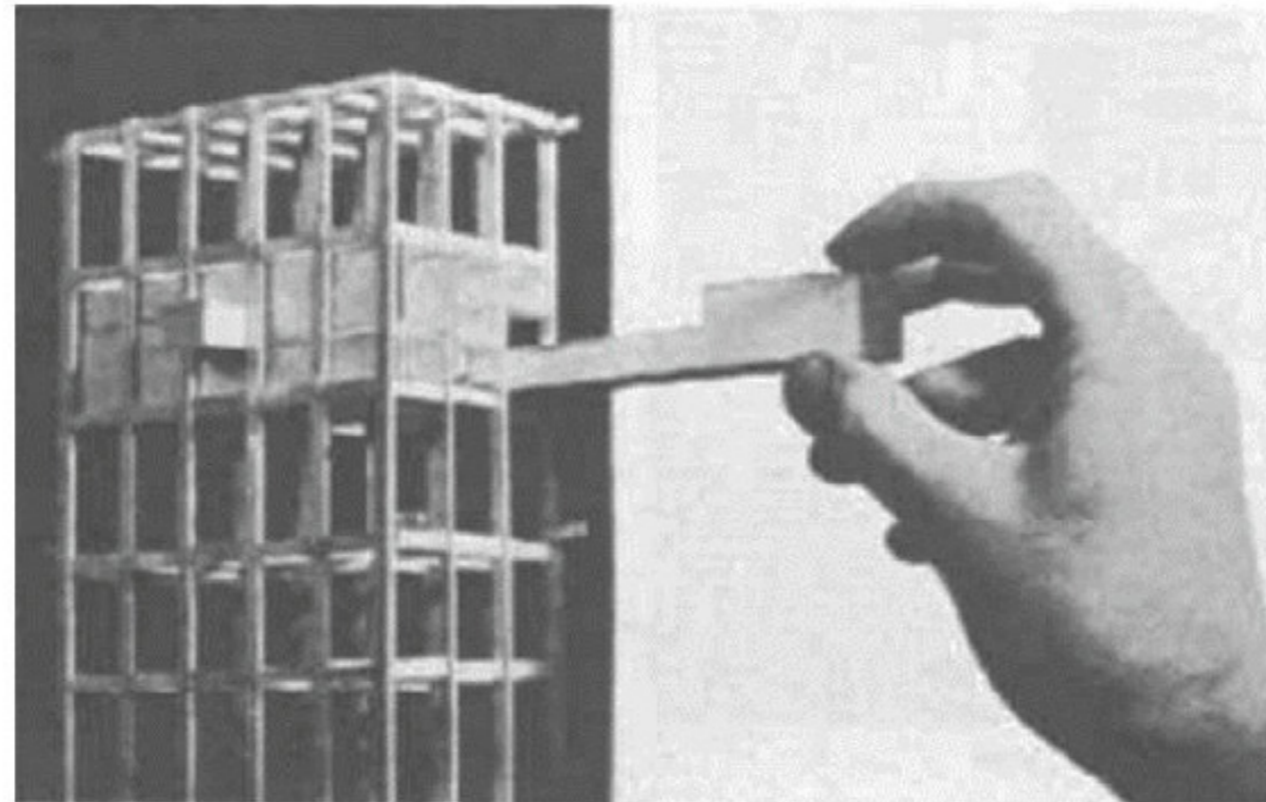


Connections

MAIN ENTRANCES | CIRCULATION



Flexible use

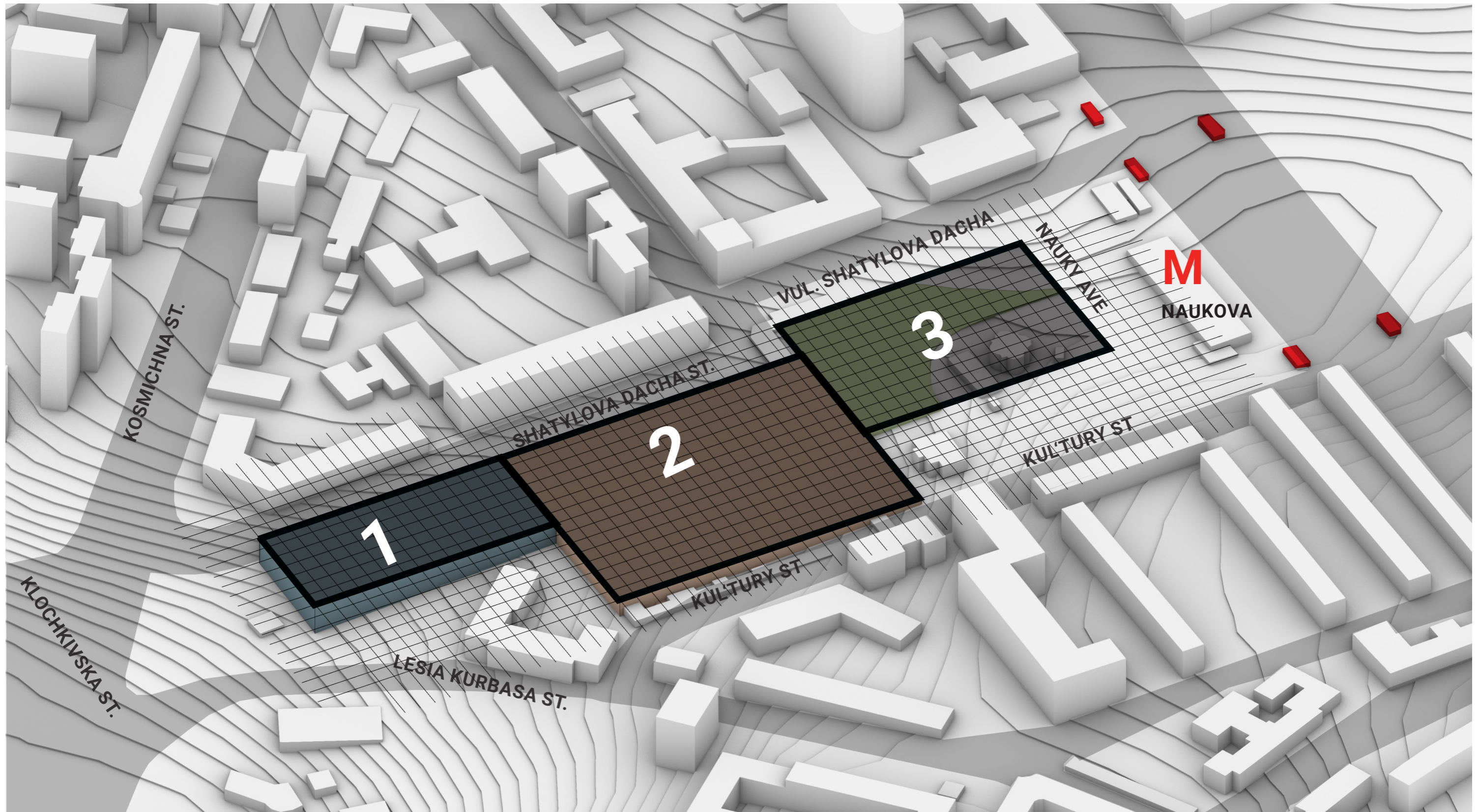


Flexibility is central to our project, achieved through a standardized grid system. This grid acts as a flexible framework, allowing different programs and functions to be easily integrated. This design ensures that the building can adapt to changing needs over time.

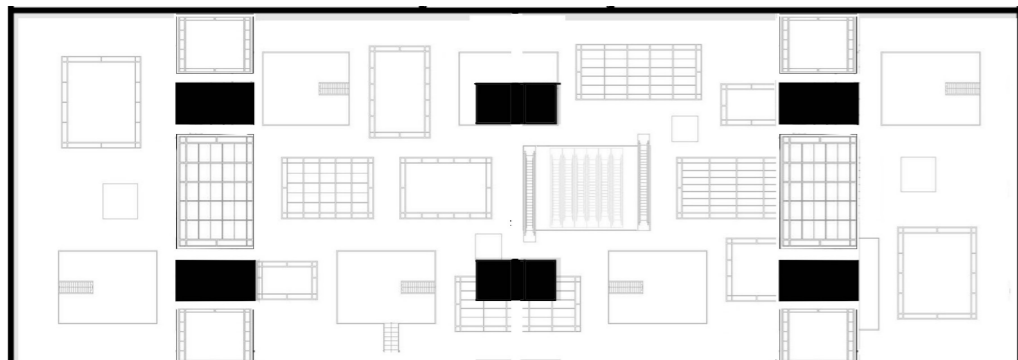
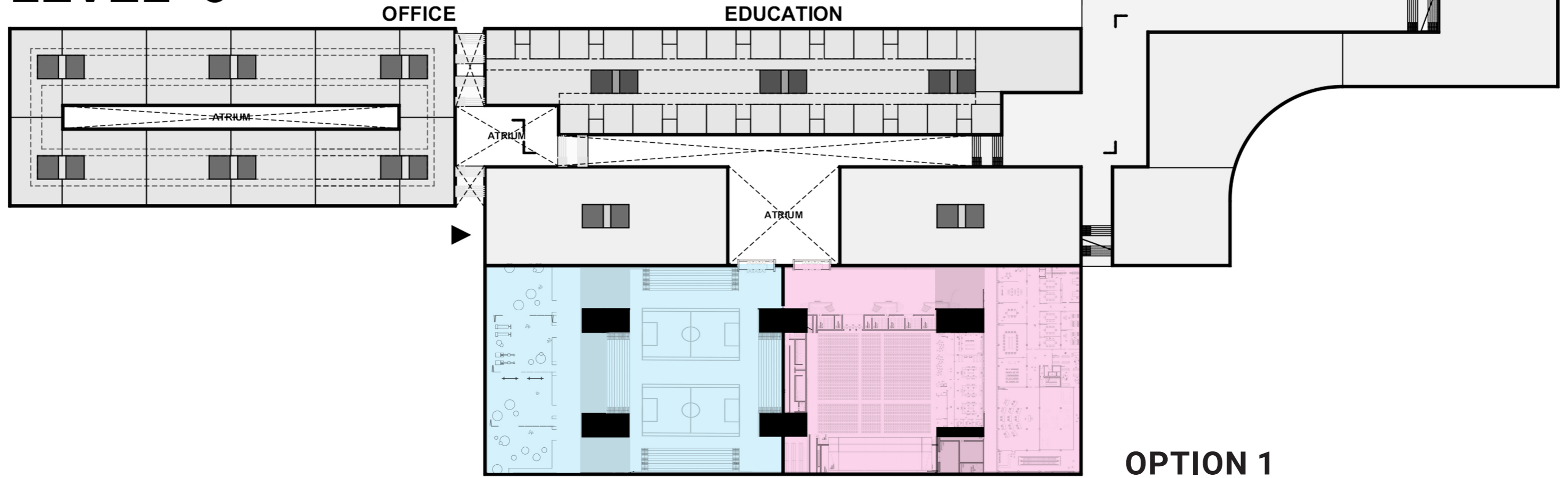


Concept

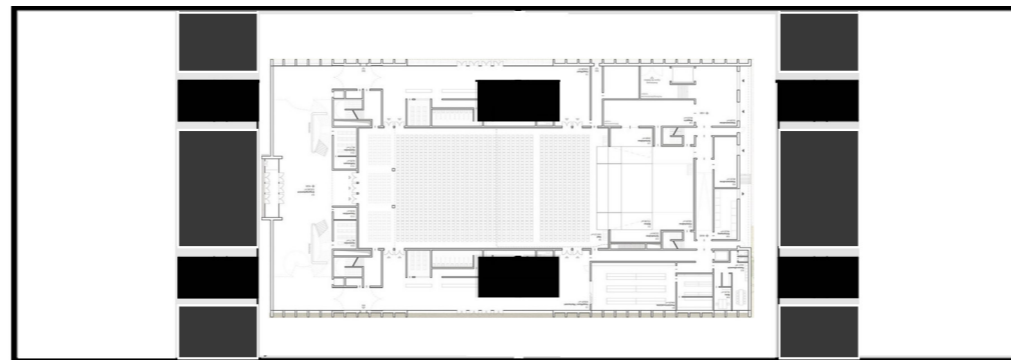
3 CONSTRUCTION PHASES



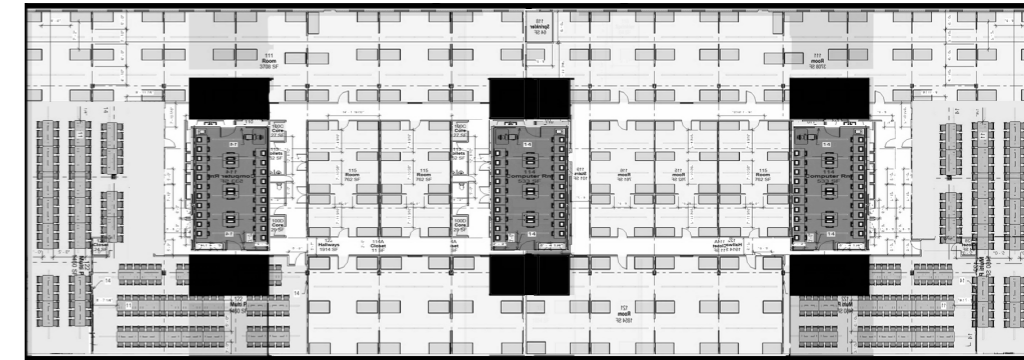
LEVEL 3



OPTION 2



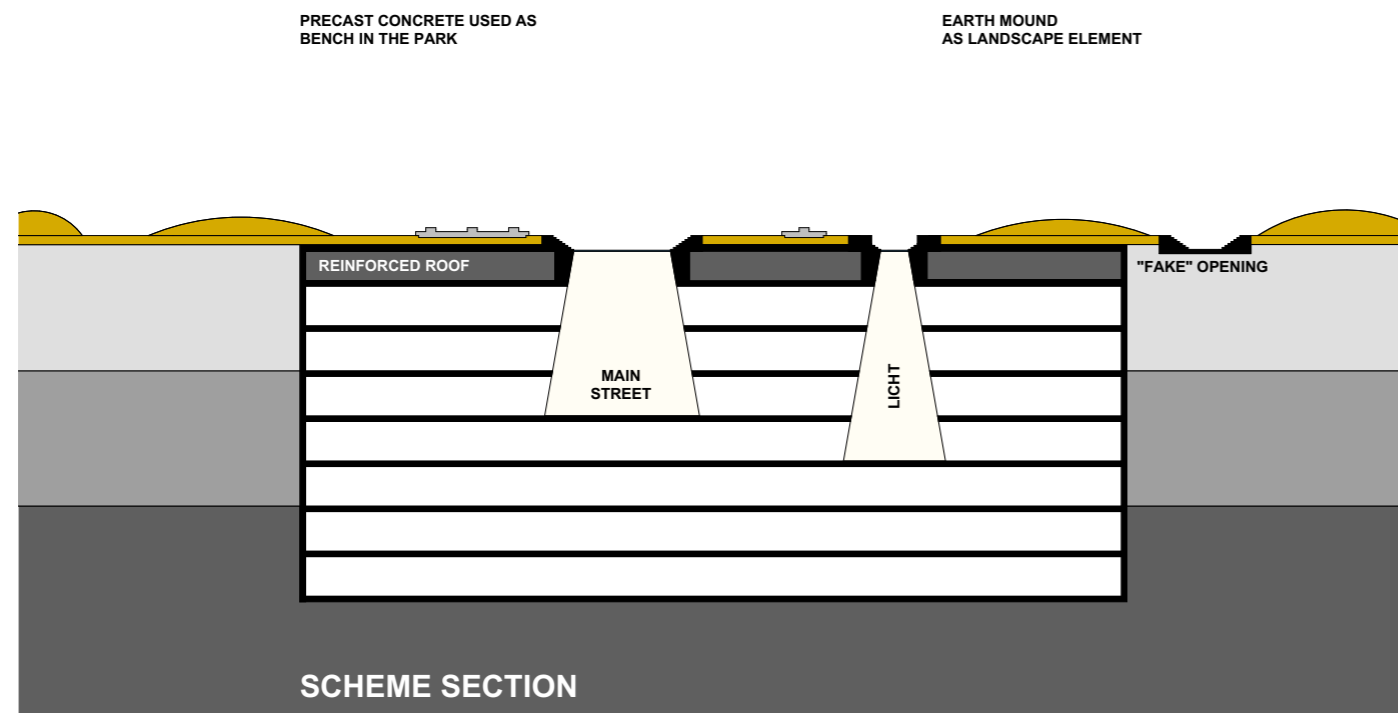
OPTION 3



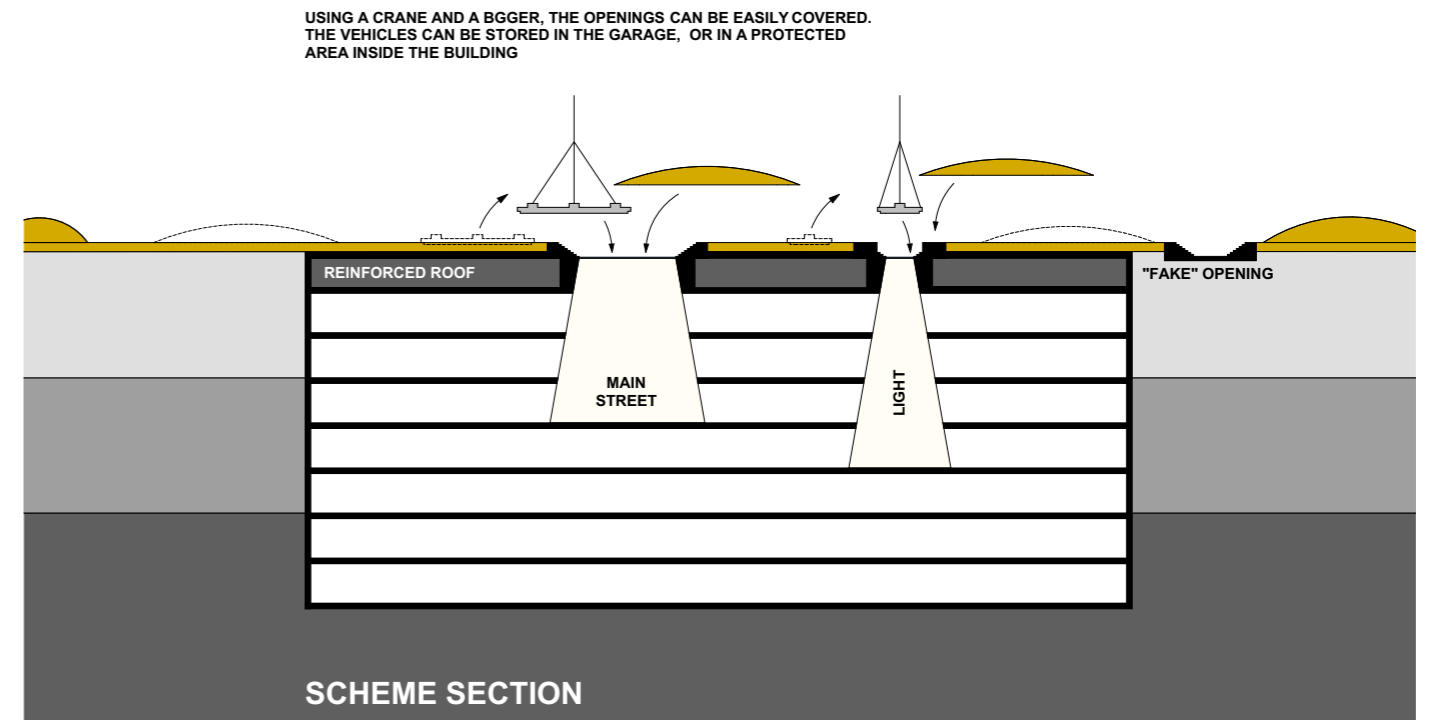
OPTION 4



Scenarios



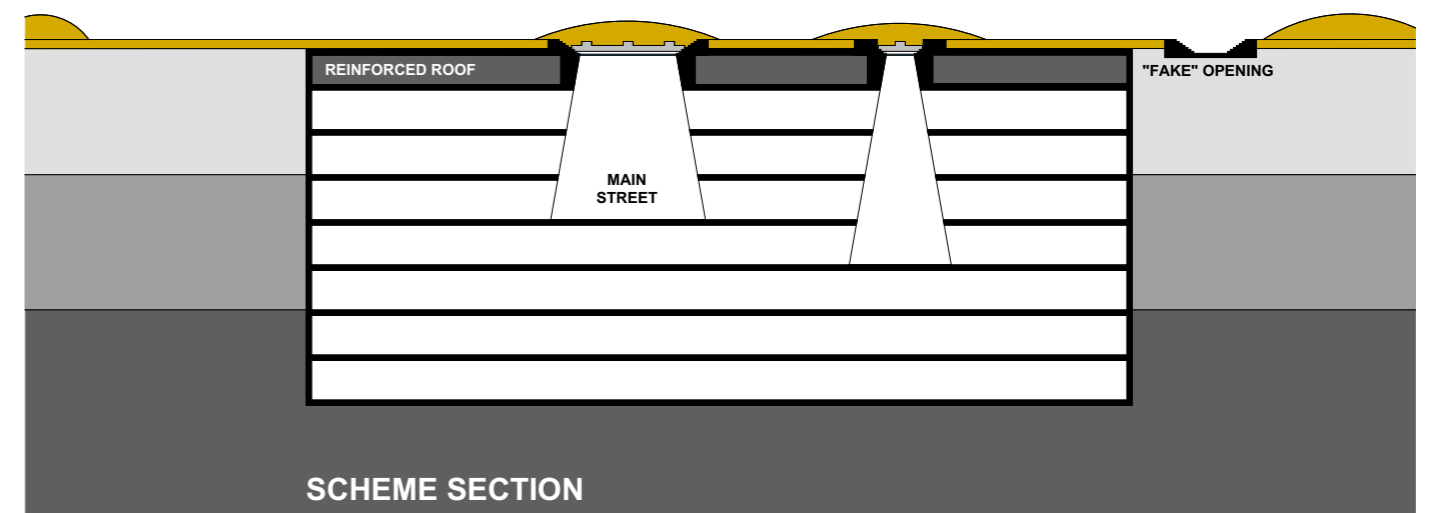
peace time



beginning of war time

CONICAL COURTYARD

- ✓ THE SHAPE OF THE COURTYARD WITH A SLIM OPENING WILL REDUCE THE EFFECT OF THE BOMBS.
- ✓ THE LIGHT EFFICIENCY IN THE BUILDING IS BETTER.
- ✓ THE LOWER LEVELS RECEIVE ENOUGH LIGHT .

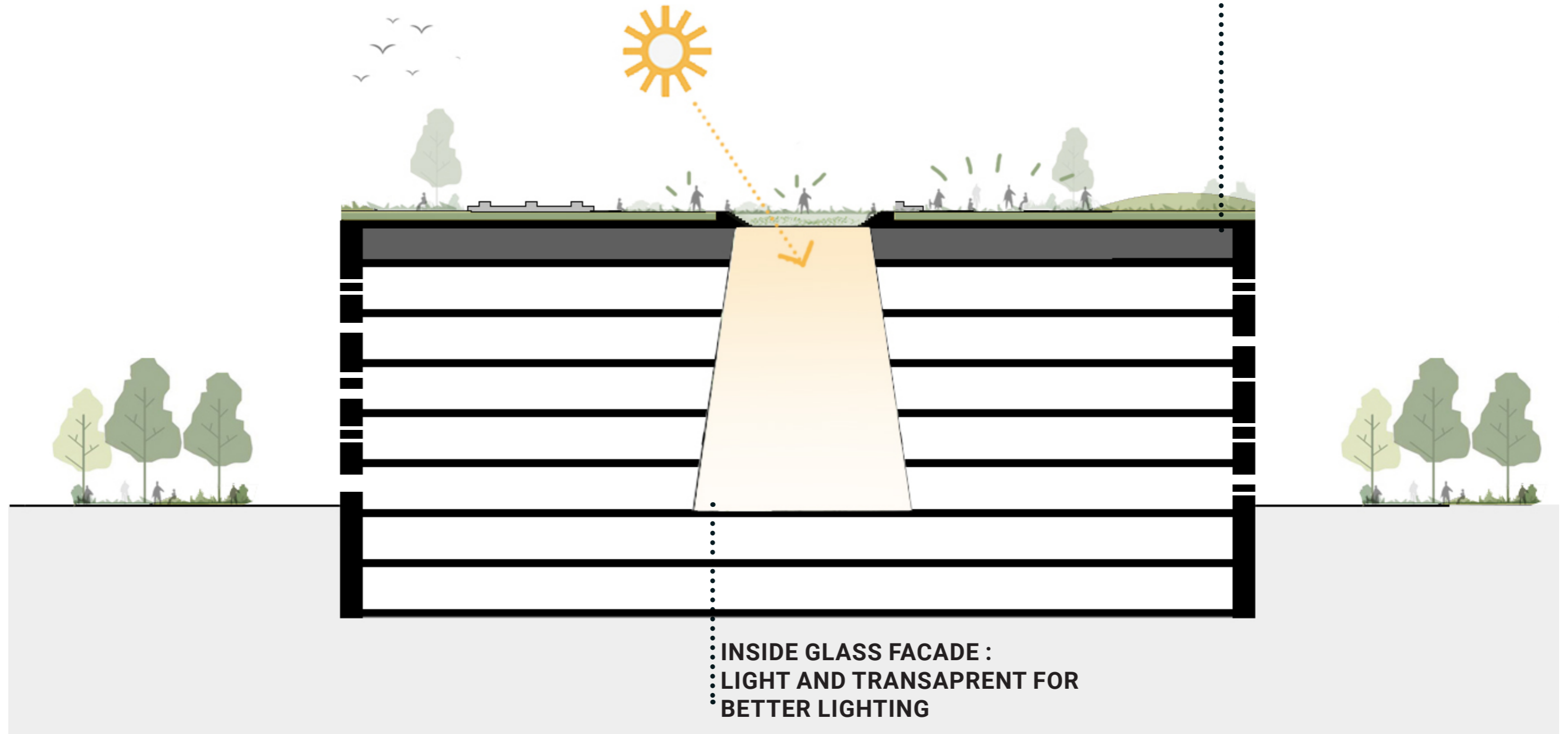


war time

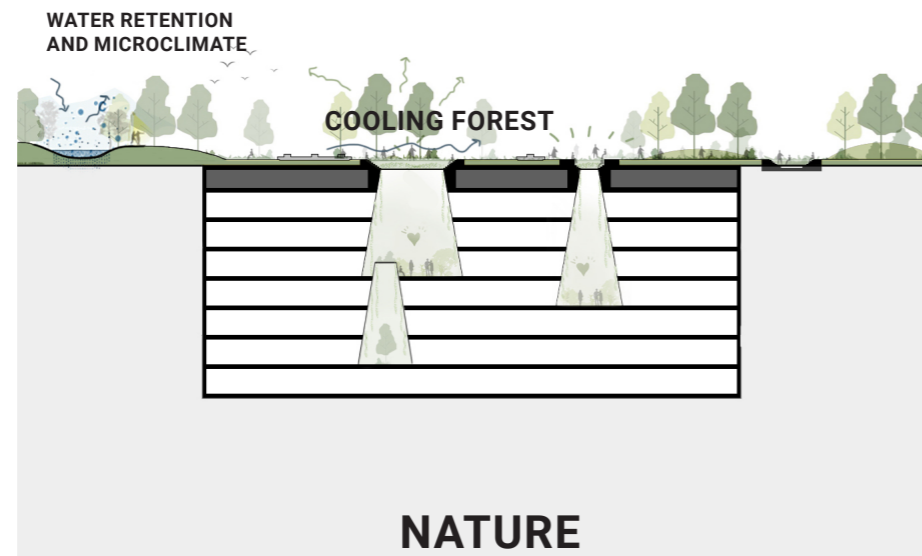


Facade

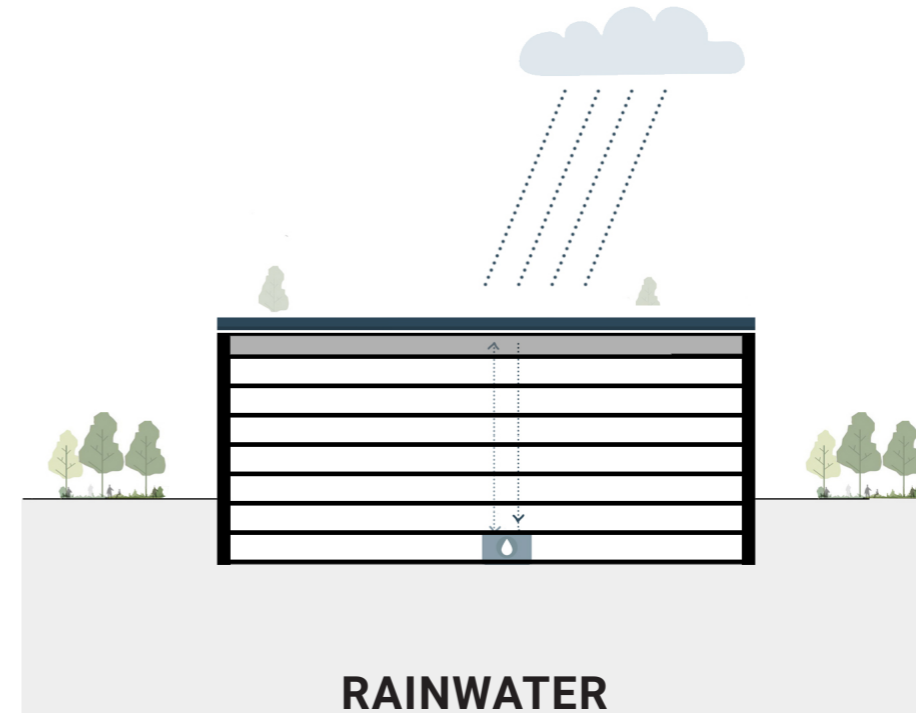
**OUTSIDE CONCRETE FACADE :
STRONG AND THICK FOR
SUPPORT AGAINST BOMBS**



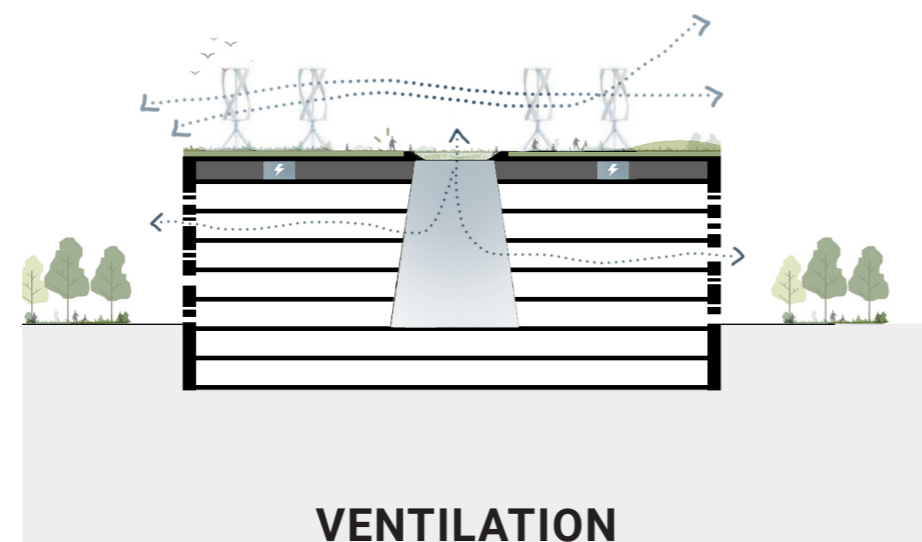
Energy concept



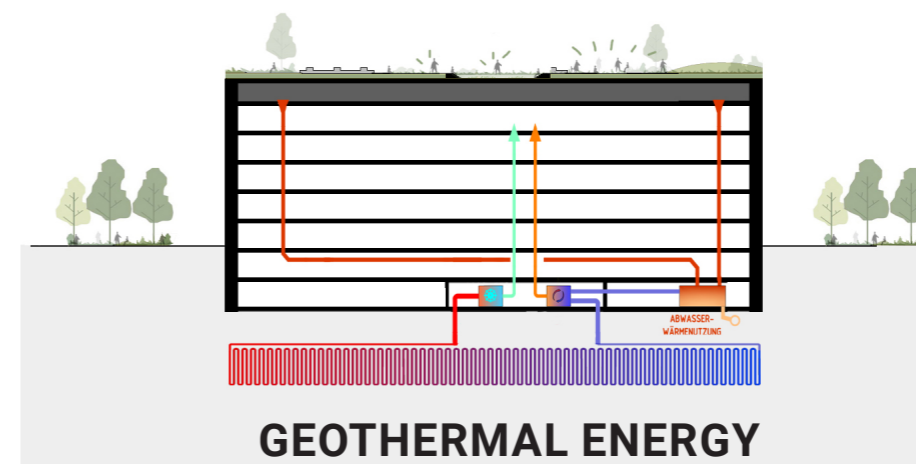
Nature is the main focus of the project. Thanks to the green areas both inside and outside the building, we can reduce the temperature in summer. The trees will be replanted, and we will use the soil from the project for the topography design in the park.



Rainwater retention for reuse, for example, to water the extensive green areas on the rooftop.



Ventilation is improved thanks to the courtyards. Small wind turbines are proposed on the roof, which will also generate clean energy to achieve self-sufficiency for the building.



Heat pumps are proposed under the building to provide efficient heating and cooling, contributing further to the building's sustainability and energy efficiency.



Investment costs

over 200.000 sqm gross floor area
between 400-500 Mil EUR



НЕЗАБАРОМ!

holger meyer gmbh
Eschersheimer Landstrasse 50-54
60322 Frankfurt am Main
T +49 69 264 94 87 00
f@hma.archi
Frankfurt | Munich | Bucharest
www.hma.archi

Arte Development
41 Darvina Street
61002 Kharkiv
M +38 (050) 323 75 79
fomenko@arte-development.com
www.arte-development.com

City of Kharkiv
M +380675743131
057invest@ukr.net

