

# Statement

“Expanding opportunity in a global age, improving the health of our communities, protecting our children from the danger of climate change, and looking beyond military force alone to promote peace, justice and digital throughout the world.”

----- Mission of the Center

The project is about Obama Presidential Library, part of the Obama Center which also includes the Museum and Foundation. I hope this project not only shows the monumentality, great intention as an identified presidential library about Obama's policy and proposals but also provide more access to all ages residents for them to know about the policy of the government to improve the health of communities. Michelle Garden is one of our proposals to provide an educational space for protecting children from climate changing.

According to the south site location, Jackson park in Chicago and the lake view, to show the important status as a presidential Library, a gradient glass facade is created to face the north chicago center. The peculiar outside shell makes the library become a landmark to attract the people the views from the outside. To show collection of the Presidential Library, the big collection shelf is put in the center of the building . A big open road is to go through the building which make easy access for people going spontaneously use. This road also divides the building to two parts. One is more scholar and another one is more open to public and civic use. Two parts divide the main different program to protect the archival space privacy, at the same time , the central road also connect the two parts together. The garden in the sunken area which idea is from the Michelle Obama to teach people to have hearth life. The sunken plaza garden, ETFE Shell material with the big atria make the library has its own special micro-climate system and automatic temperature control as a green building which does more to the climate change.

It is a group project. Every drawings submitted is by myself for justice.

My specific role within the group: Concept development, structure design, plans and site plans design, program research and design.

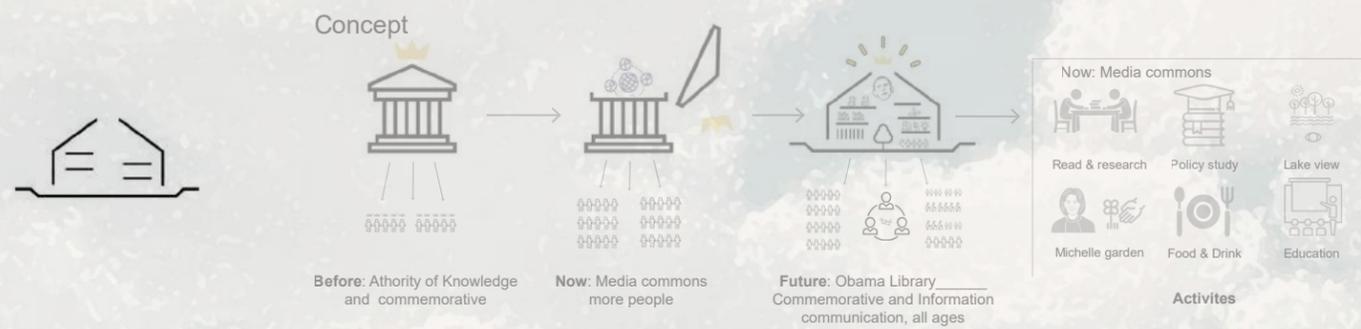
A memorandum from the teammate:

- I acknowledge the role description of the Applicant.
- I acknowledge that the award will only address the Applicant and the other members cannot claim this award as their own.

# Obama Presidential Library

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protecting children from climate changing.





SITE PLAN 1/60

- DROP PFF
- TERRACE
- ARCHIVE
- PLAZA
- DROP PFF
- BASEBALL AREA
- UNDERGROUND PARKING

FOUNDATION

MICHELLE'S GARDEN

TENNIS AREA

MICHELLE'S GARDEN

MUSUEM

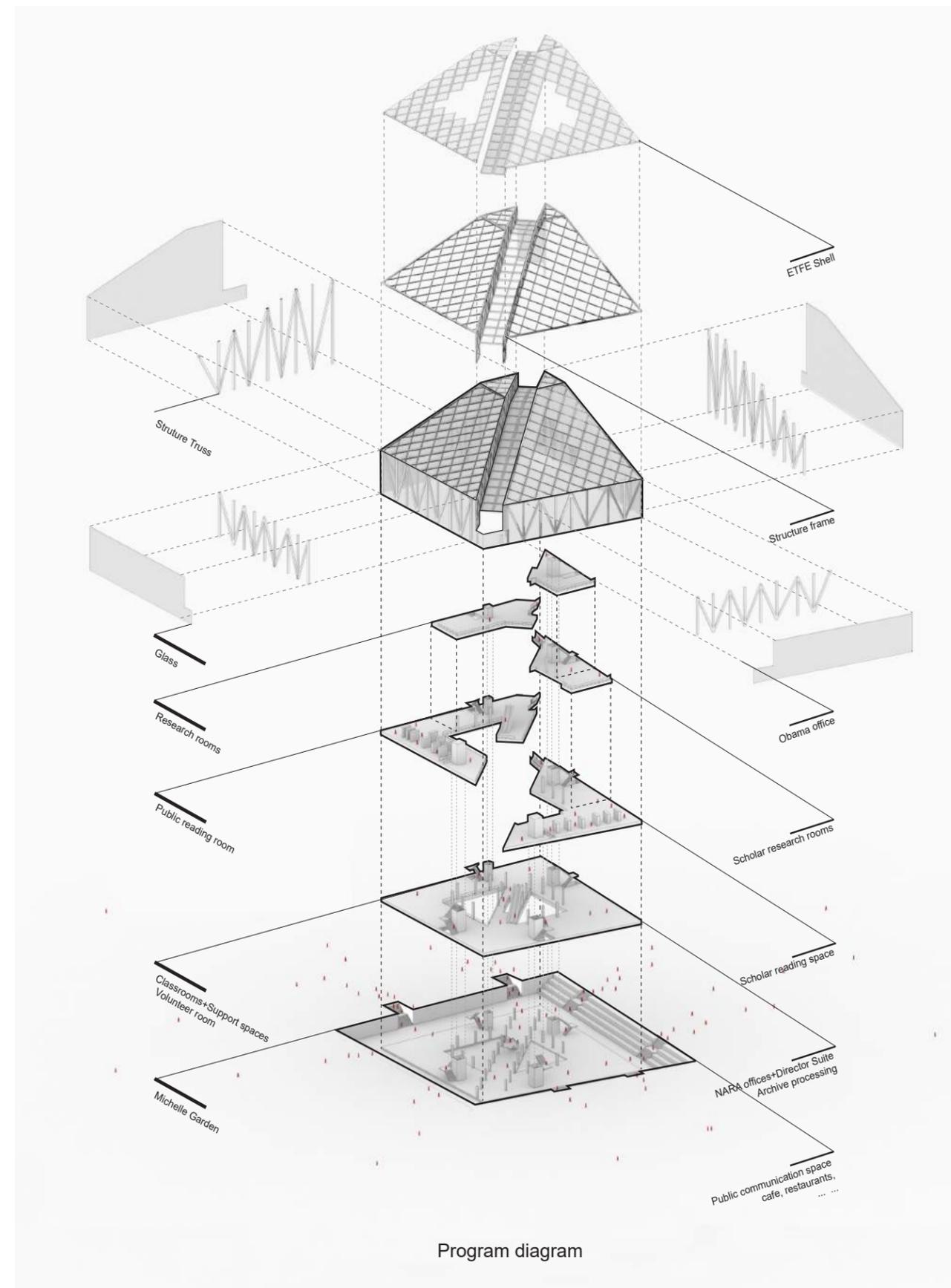
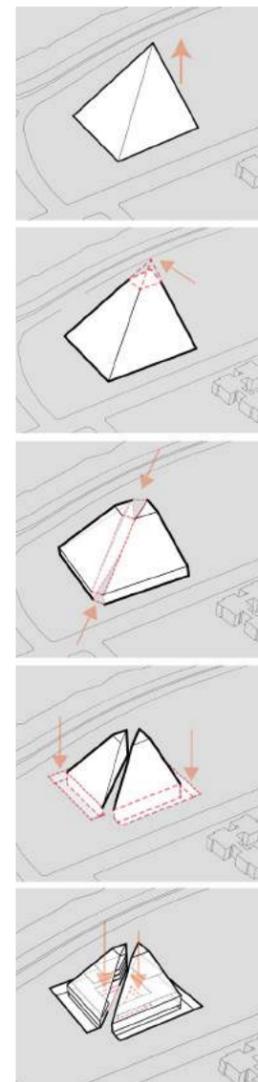
Site and Mission

"Expanding opportunity in a global age, improving the health of our communities, protecting our children from the danger of climate change, and looking beyond military force alone to promote peace, justice and digital throughout the world."

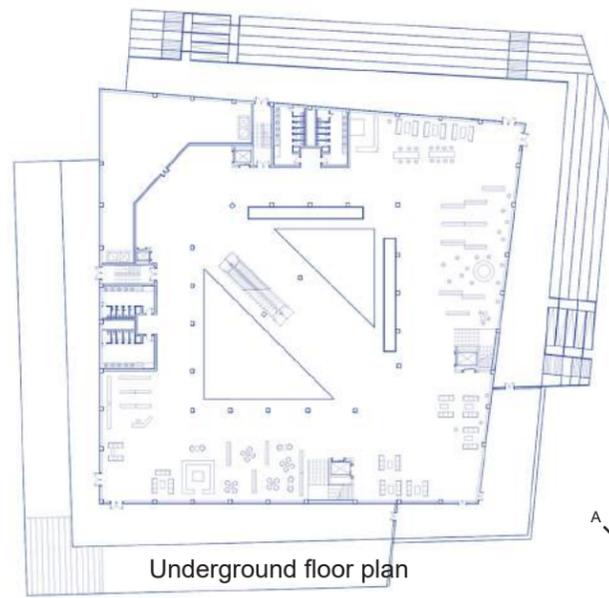
Mission of the Center

Site located at Jackson Park in south of Chicago, which near the lake view. Library is one of the Obama center which also includes Foundation and Museum. Obama Library locates at the front of the site to show the important authority of archive and the main status in the Center. Museum locates in the south of site to face the senior high school opposing the street to show more about energy. The foundation in the center to connect the Archive and Museum.

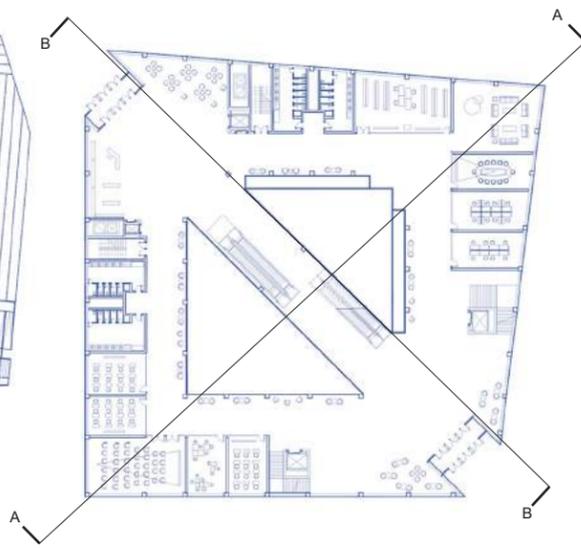
Concept diagram



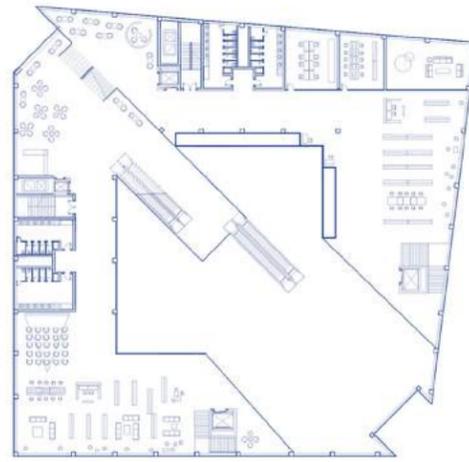
Program diagram



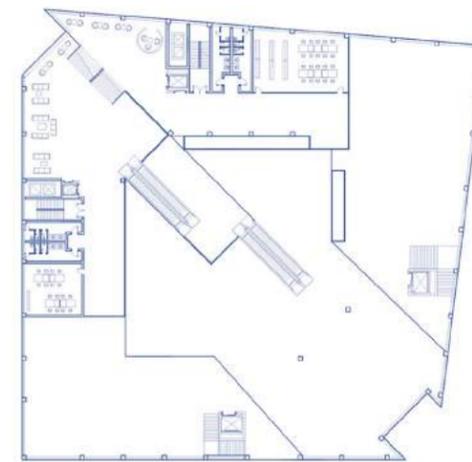
Underground floor plan



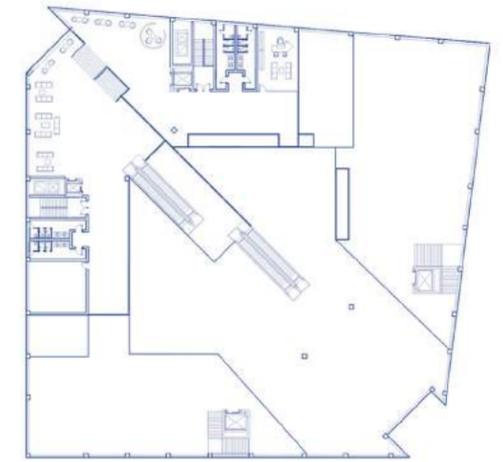
First floor Plan



Second floor Plan



Third floor Plan



Fourth floor Plan



A-A Section

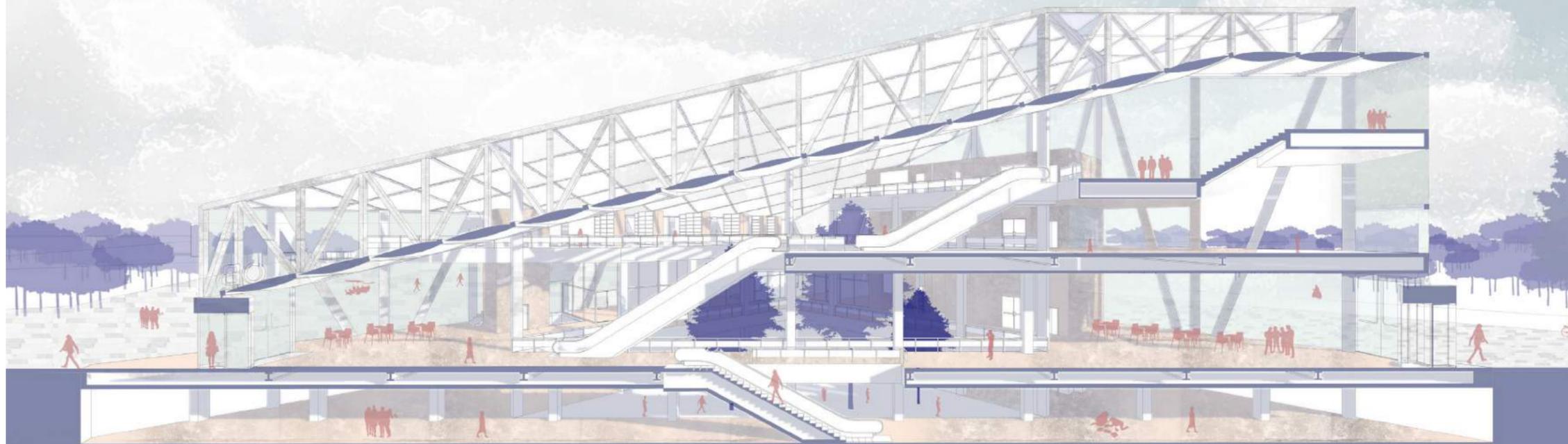
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Entrance space

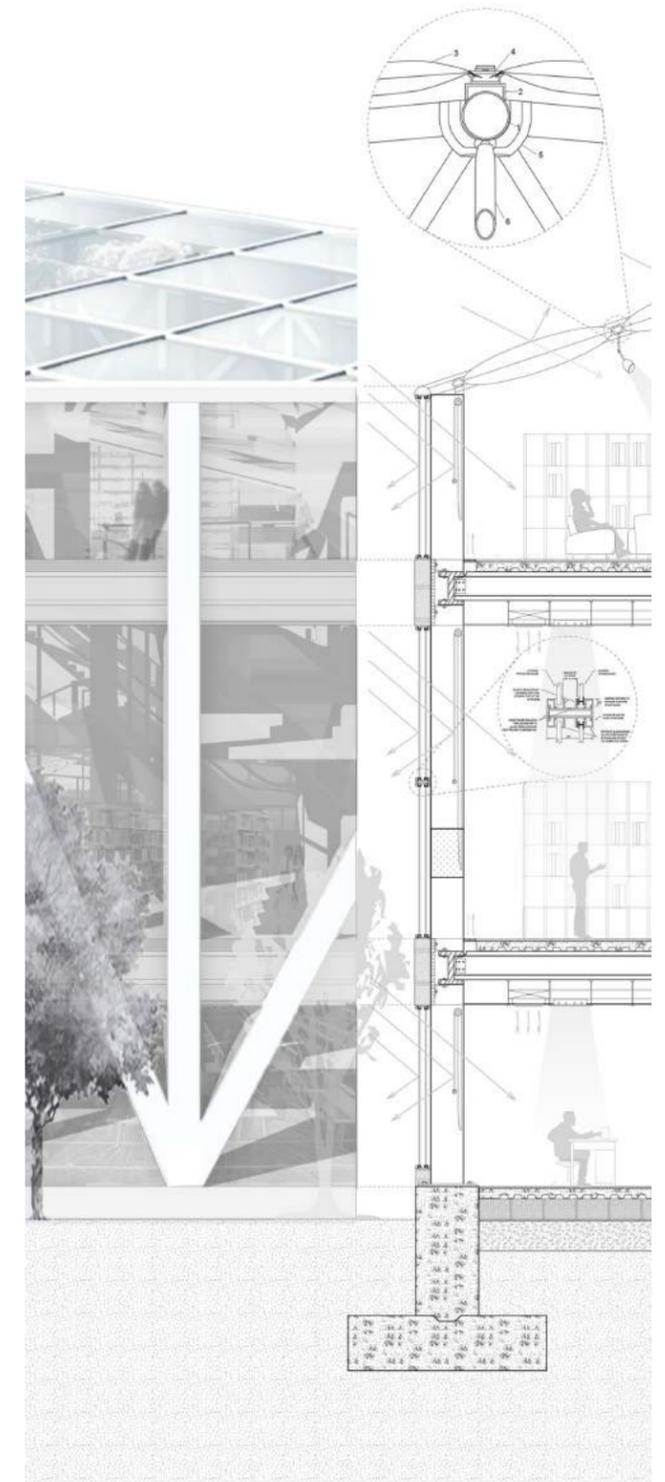


Reading space



B-B section

- 1. STEEL TUBE
- 2. STEEL BENT TO SHAPE
- 3. THREE-LAYER INFLATED ETFE CUSHION
- 4. ALUMINUM CLAMPING STRIP
- 5. CAST-STEEL NODE
- 6. TUBULAR DIAGONAL MEMBER



Wall Section