

2018 THIRD PLACE

Panwang Huo

LYCEUM

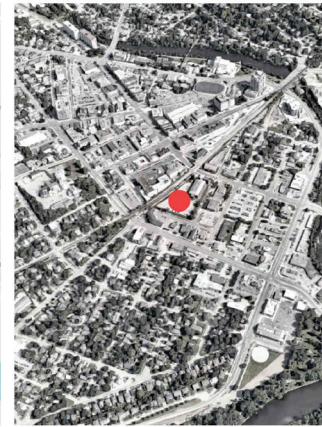
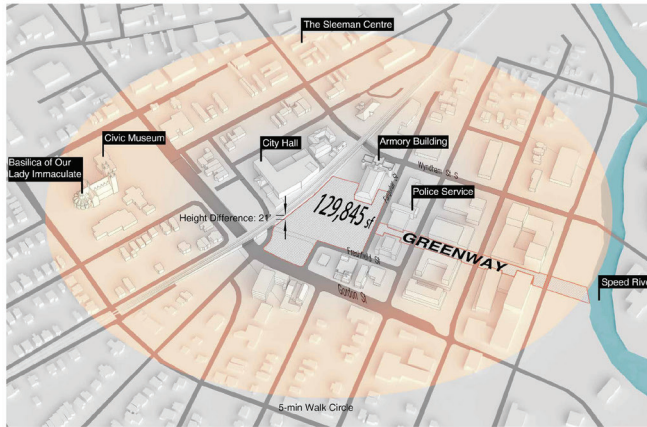
A traveling fellowship in Architecture

MEMORY of MAPLE WOOD

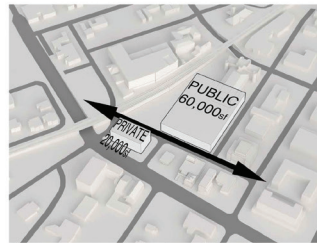


Farmers markets serve not only as a way for people to purchase locally grown produce but also as a chance for them to connect with others within their communities.

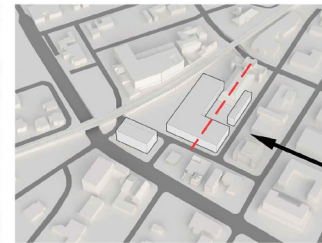
Purchasing local goods is an experience that promotes a sense of place, important in making individuals feel tied to their communities.



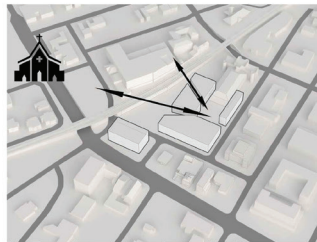
01. The required area is 80,000 sf.



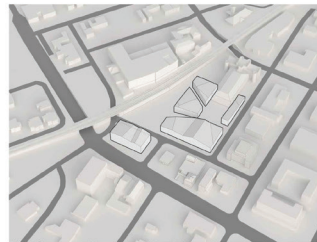
02. A street separates the public and private (Apartment) area.



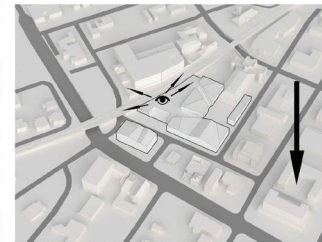
03. A plaza is created according to the axis of the armory building and greenway.



04. Two view corridors for the Basilica of our lady immaculate and the city hall.



05. Create slope roof to follow the city's pattern.

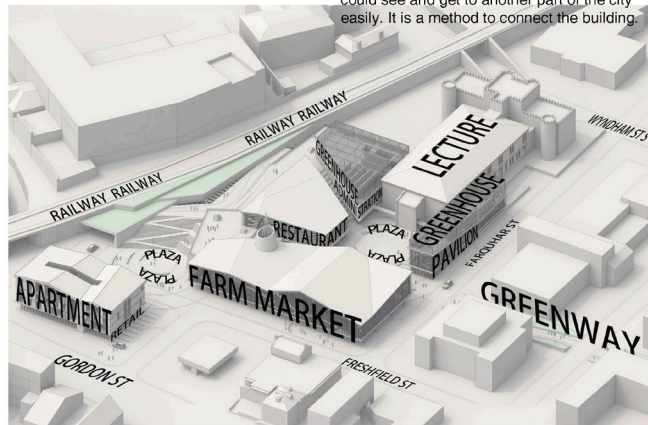


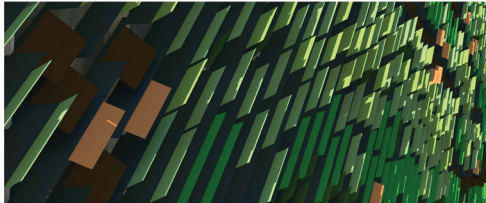
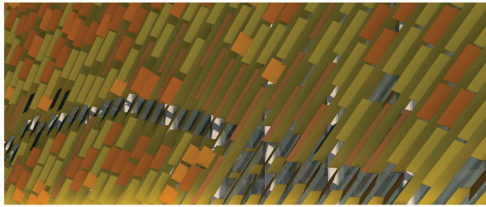
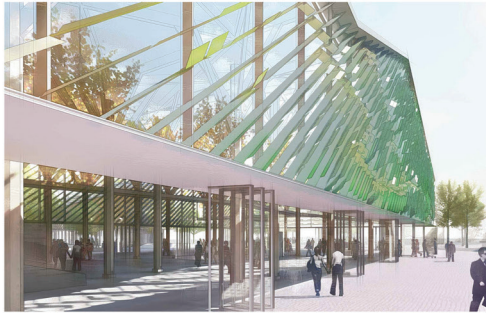
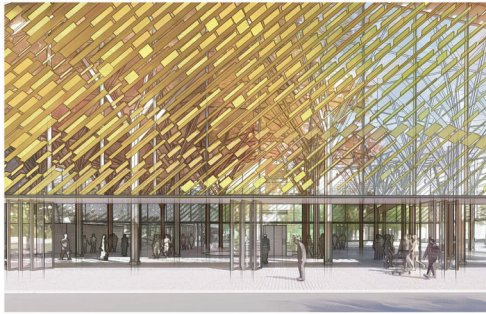
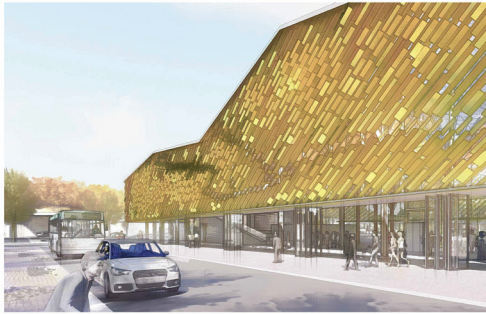
06. Lift up the back of the building to the same height of the other part of the city, so people could see and get to another part of the city easily. It is a method to connect the building.



07. Greenhouse for the vendors.

Roofs are basically wasted surfaces. Urban greenhouses — on rooftops or the ground — could help to make certain urban spaces profitable and meet a growing demand from consumers for a variety of fresh and local foods.



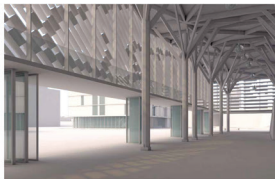


The envelop of this building equipped with a field of thousands of angled metal panels in conjunction with an articulated spring(green)/fall(yellow) color system, the installation creates a dynamic façade that offers observers a unique visual experience depending on their vantage point, and the pace at which they are moving through the site. I hope it could recall people some memory of the maple wood.

As pedestrians and slow moving vehicles approach the building within close proximity to the market, they will experience a noticeable shift in color and transparency, while motorists driving along the street will experience a faster, gradient color change depending on their direction of travel. People on the train could also see a color change, which would deepen their impression of this city.

The installation is equipped with a field of thousands of angled panels which could also be changed to PV panels to collect solar power.

The dynamic facade changes from yellow(the color of fall) to green(the color of spring).



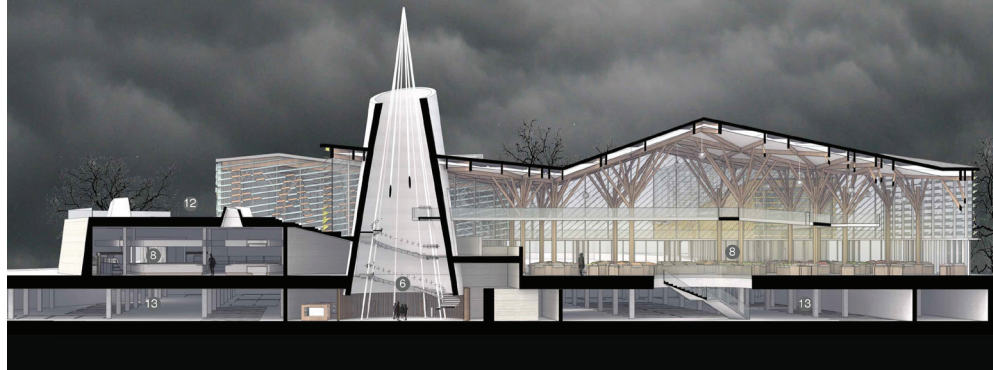
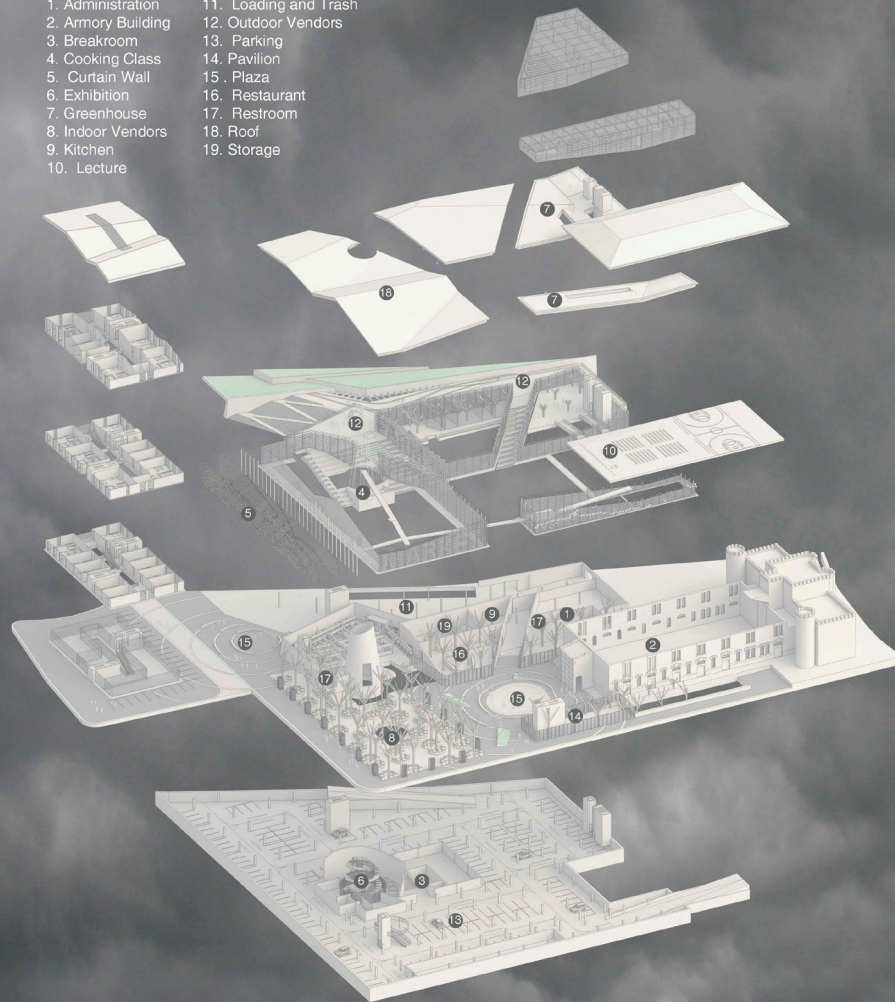
During summer, the doors and windows are open to get natural ventilation.

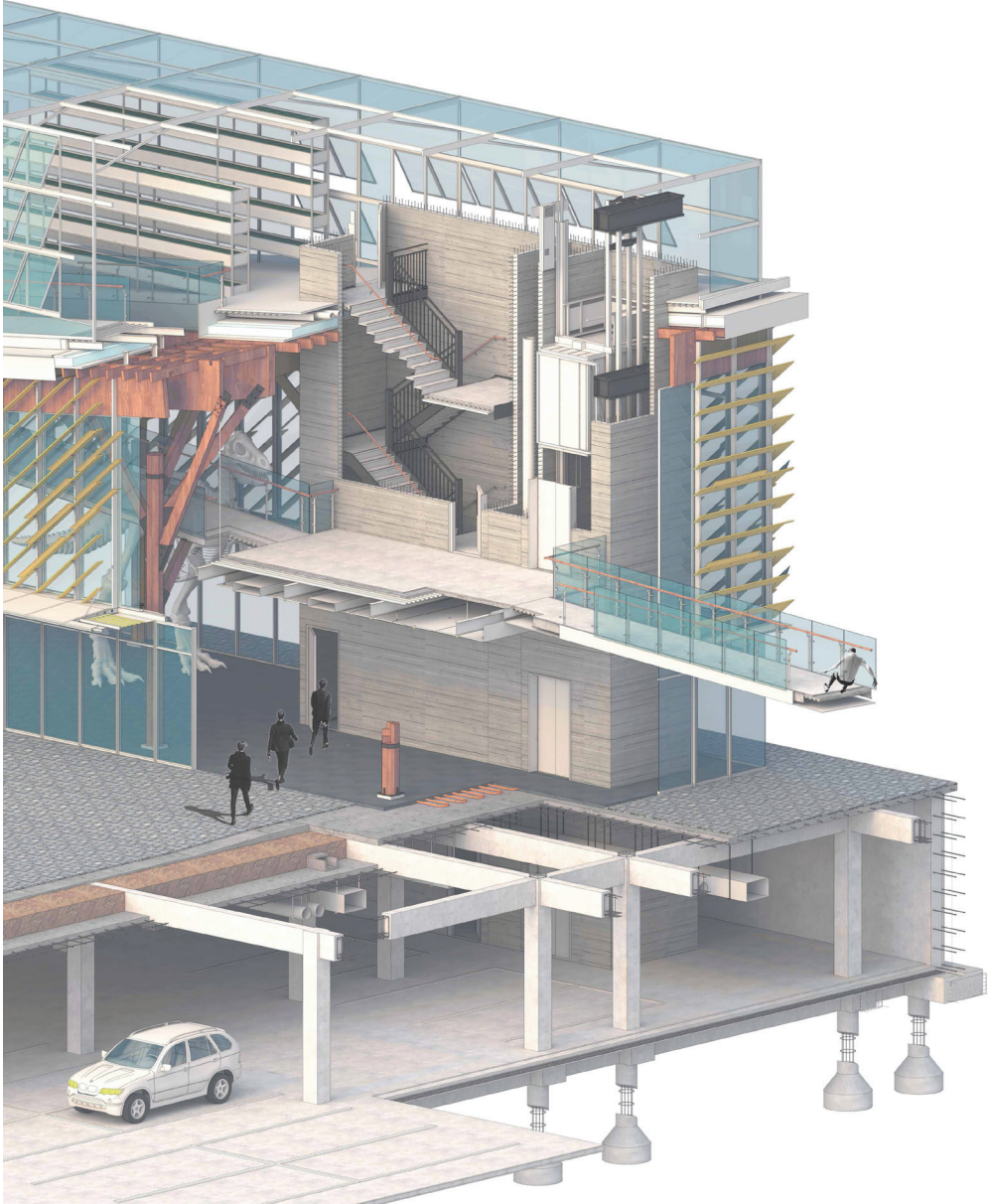
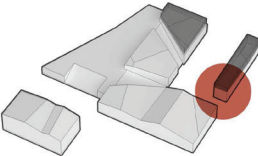


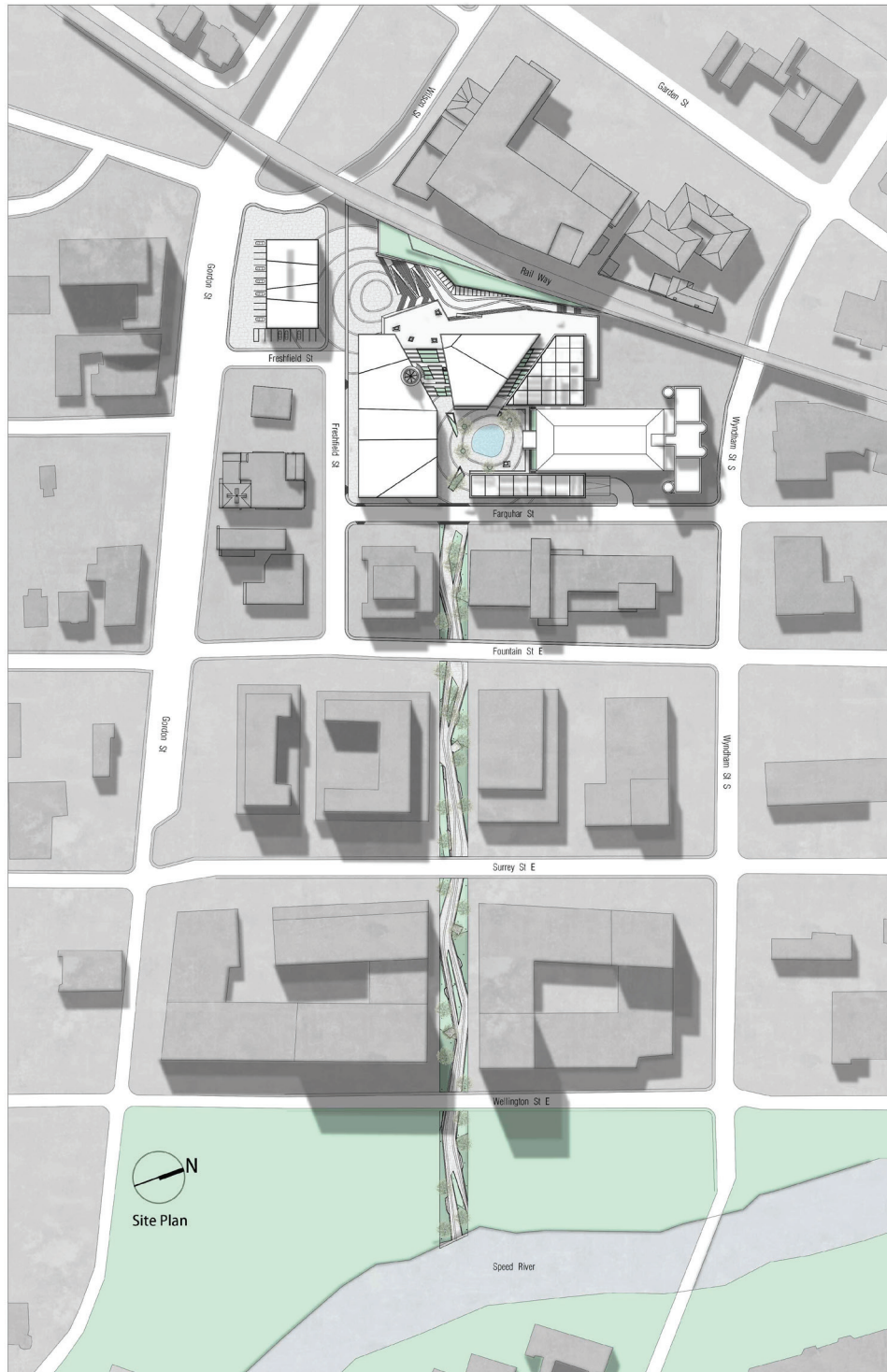
During winter, they are closed to keep warm.

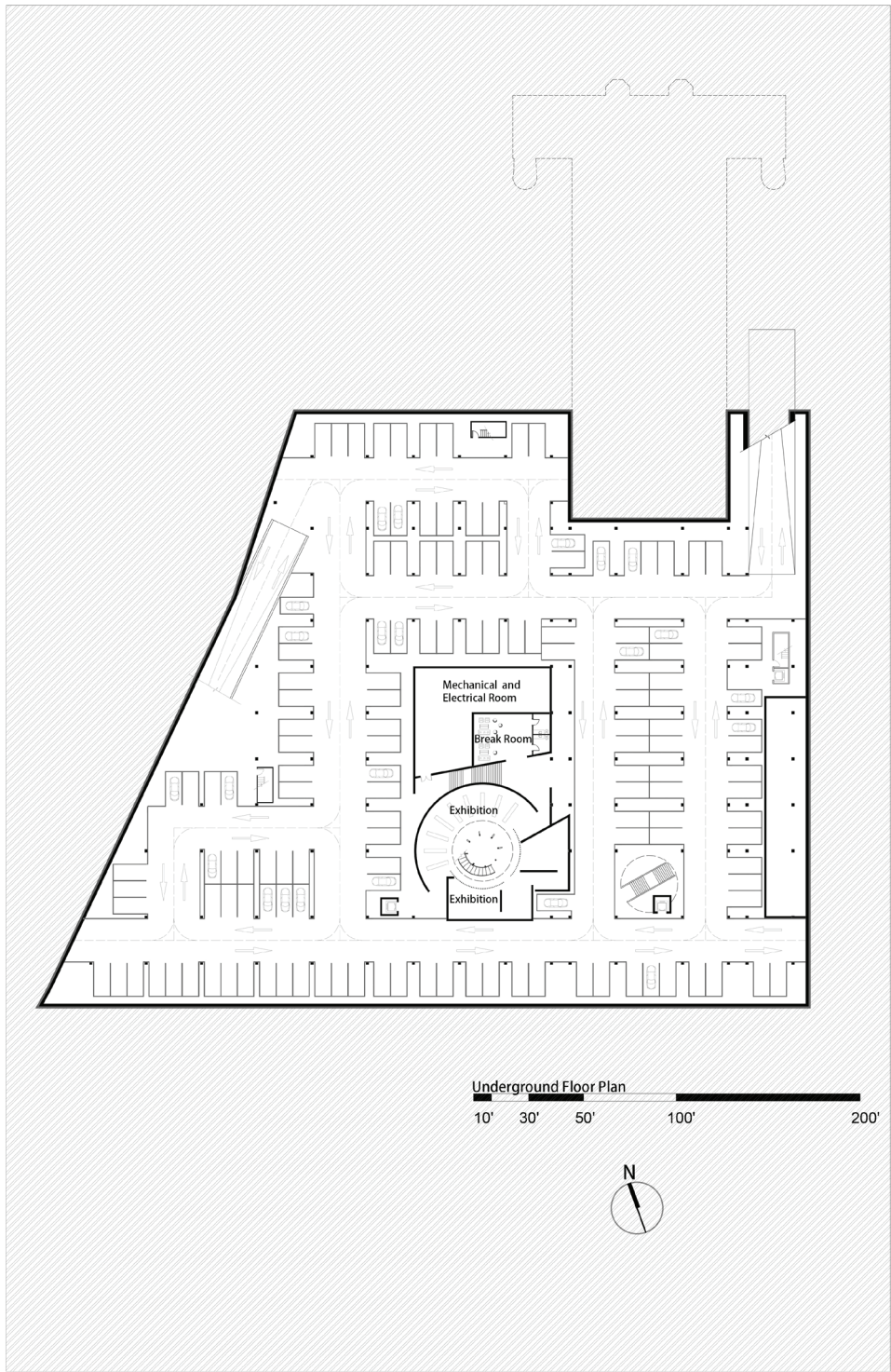


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|--------------------|-----------------------|
| 1. Administration | 11. Loading and Trash |
| 2. Armory Building | 12. Outdoor Vendors |
| 3. Breakroom | 13. Parking |
| 4. Cooking Class | 14. Pavilion |
| 5. Curtain Wall | 15. Plaza |
| 6. Exhibition | 16. Restaurant |
| 7. Greenhouse | 17. Restroom |
| 8. Indoor Vendors | 18. Roof |
| 9. Kitchen | 19. Storage |
| 10. Lecture | |



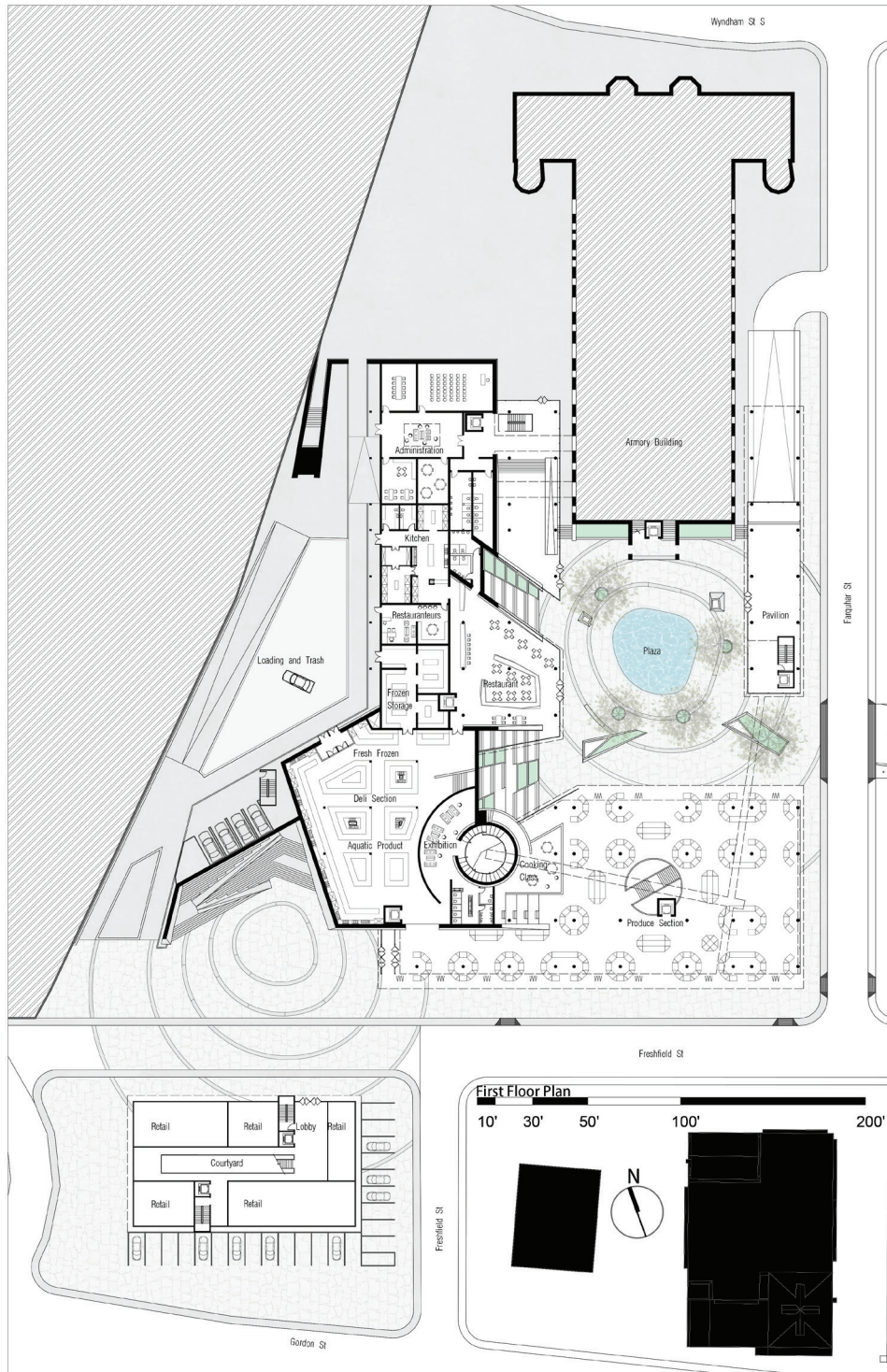






Underground Floor Plan
10' 30' 50' 100' 200'





Wyndham St S

Freshfield St

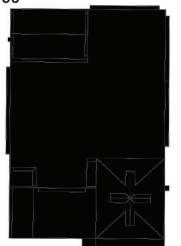
Freshfield St

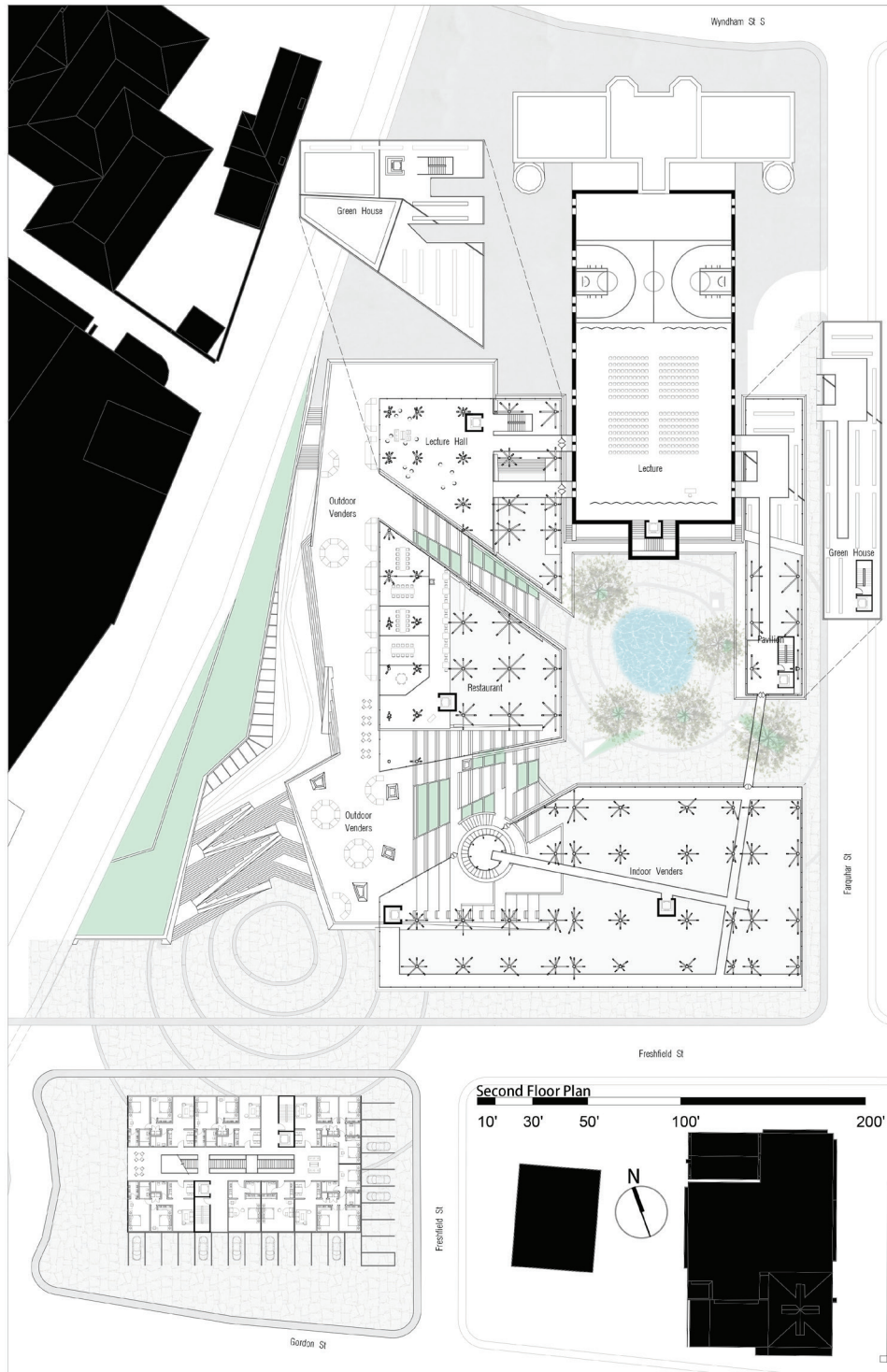
Gordon St

Freshfield St

First Floor Plan

10' 30' 50' 100' 200'





Second Floor Plan



Freshfield St

Gordon St

Wyndham St S

Freshfield St

Freshfield St