

**Architecture Portfolio**  
Michael Jarrell



I am an architect and designer with a background in politics and urban studies. Growing up between Switzerland, Belgium, and the Midwest, I learned how the many layers of history imprint themselves on cities and shape our lives. I am interested in the sustainable future of cities through the production of architecture. In the Masters of Architecture program at Parsons, I developed my skills designing spaces which reorient people to imagine more harmonious urban ecosystems; culminating in a thesis project on live/work housing and remediation of the Newtown Creek.

*cover: pen and ink drawing*

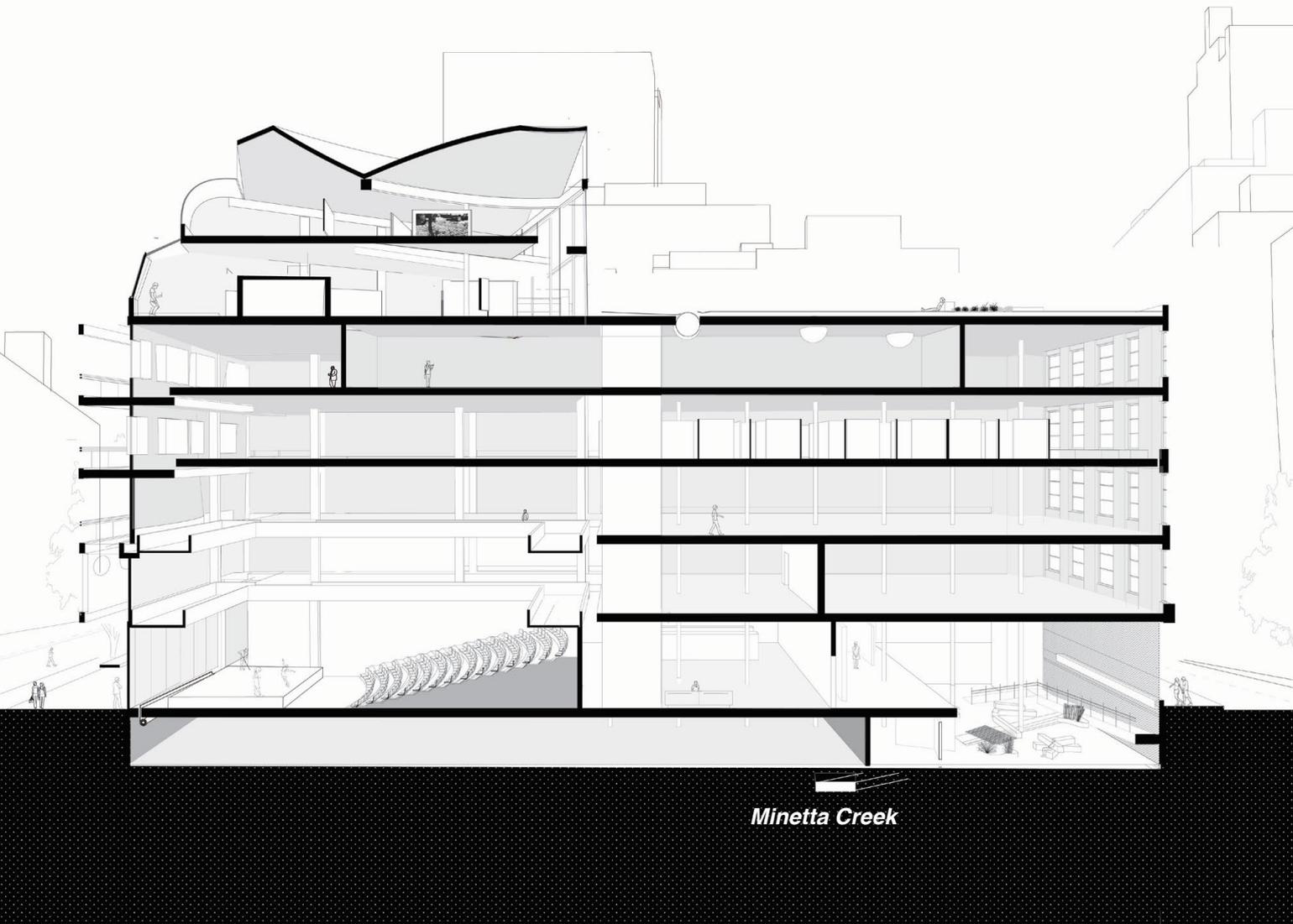
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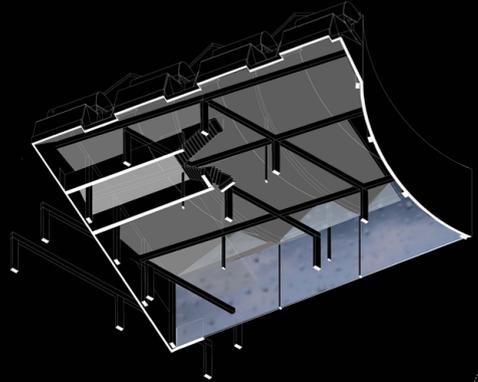
For a complete list of projects, see:  
[michaeljarrell.net](http://michaeljarrell.net)

**The New School Center for Image + Making**  
**Instructor - Joel Towers**

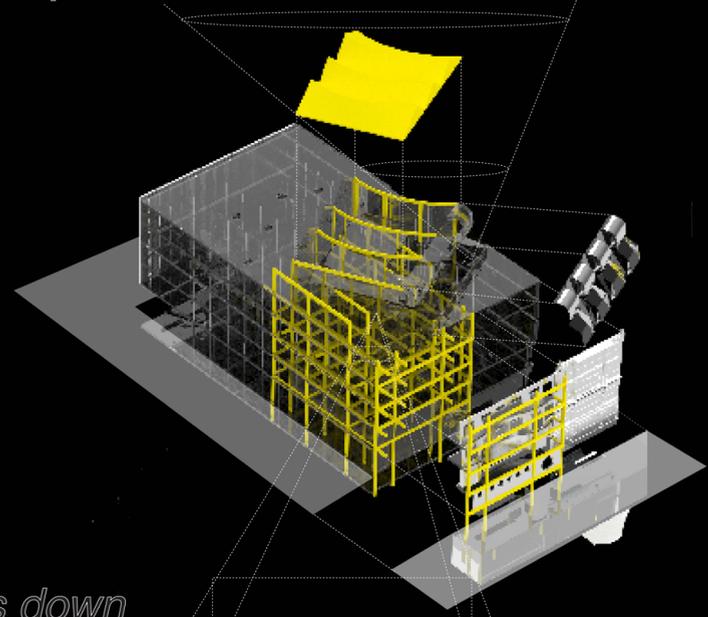
The Center for Image + Making creates space for the New School to invite the public in to question, engage with, and make images. The adaptive reuse project adds a new mass timber structure to a portion of the building and reveals the long-buried Minetta Creek to engage questions of natural systems in urban futures.



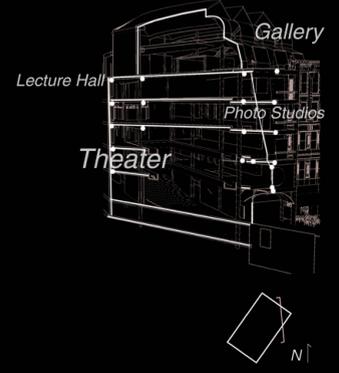
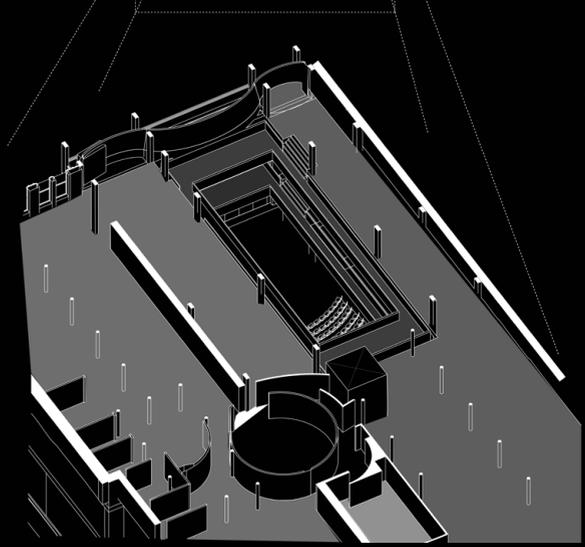
*views up*



*views down*



**STRUCTURE**

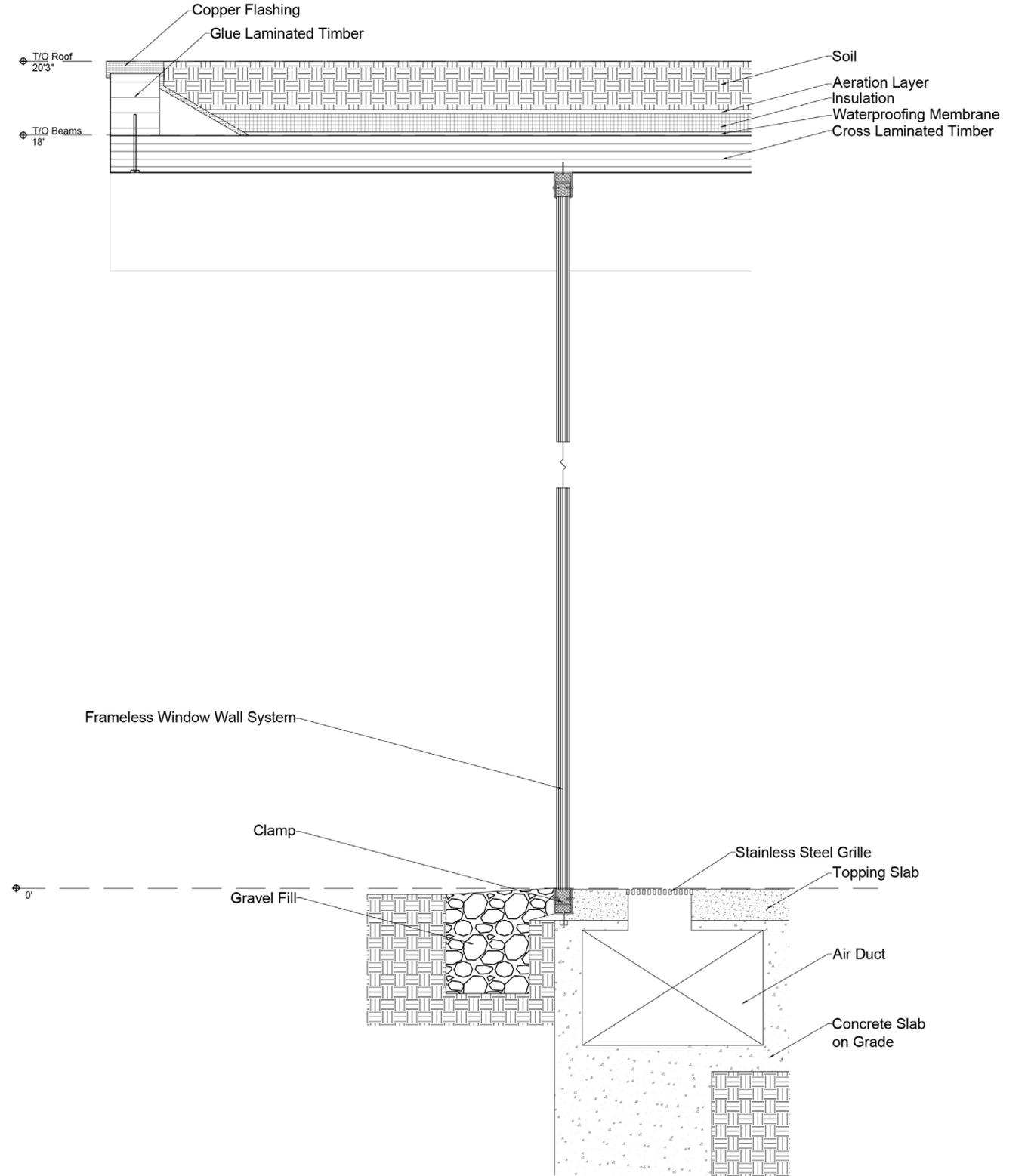
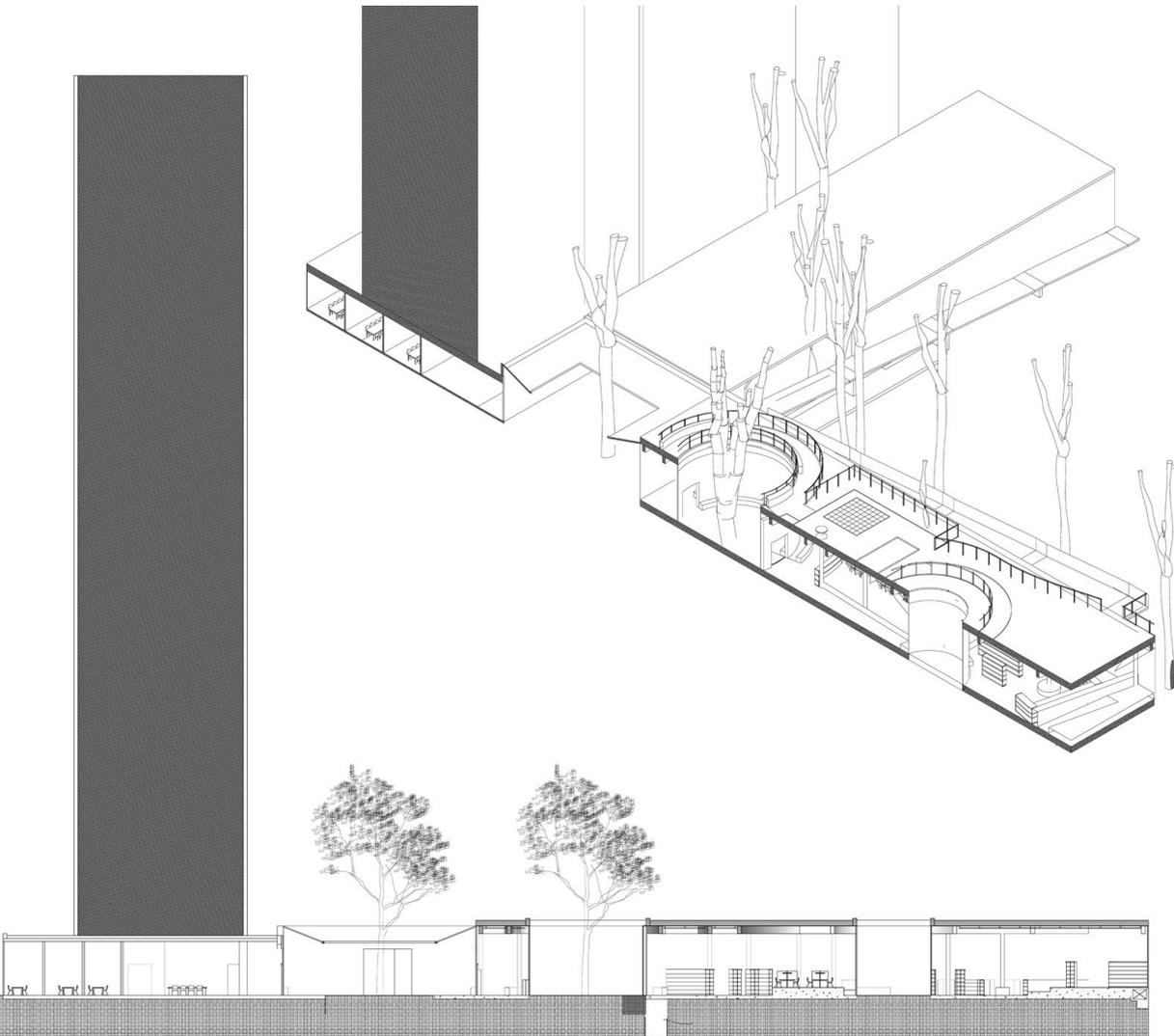


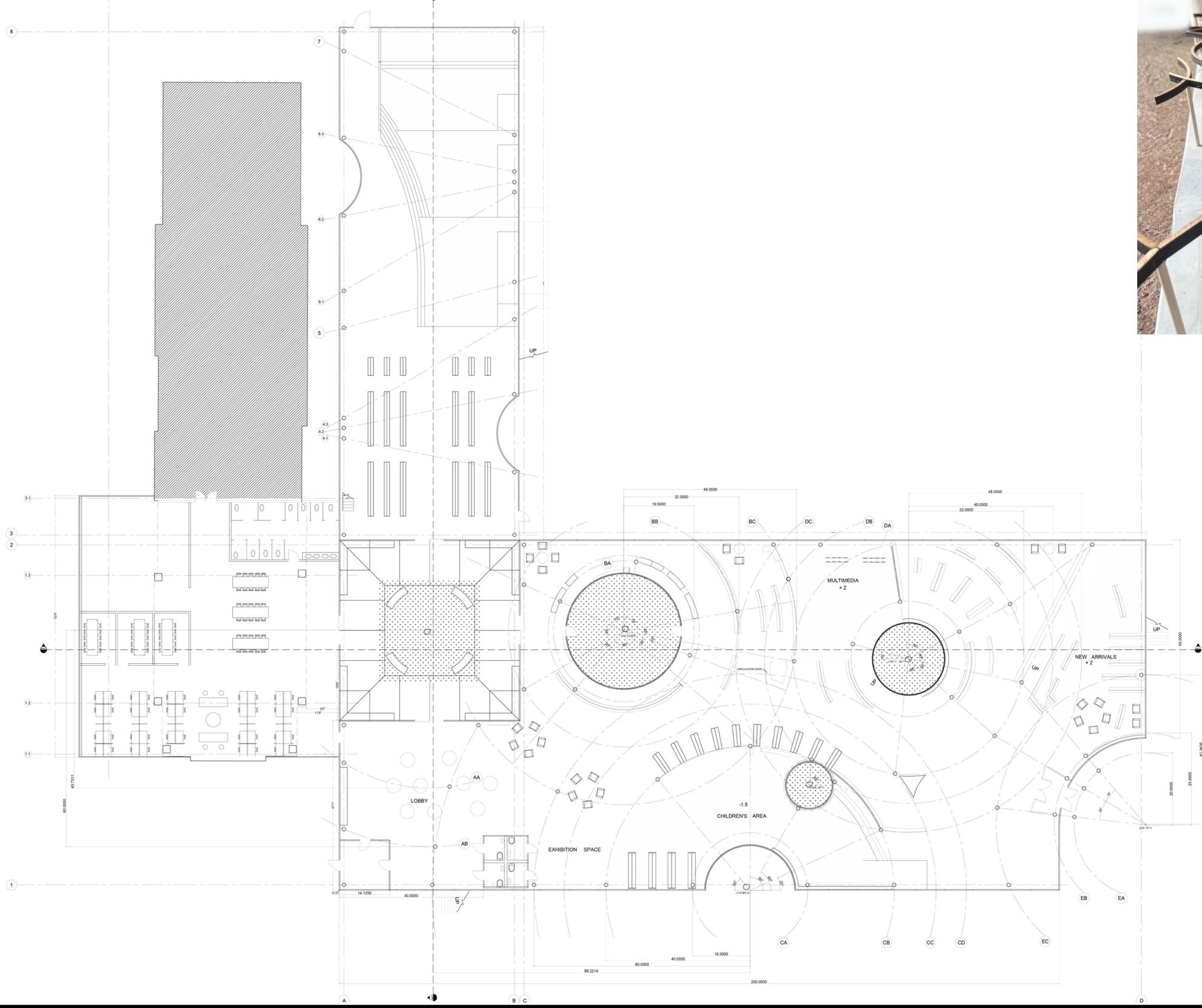


**Sugar Hill Branch Library**  
**Instructor - Chris McVoy**

The sugar hill branch library proposes a shared resource in the interior space of a Harlem block. The interstitial space between two residential buildings and an elementary school contains a canopy of old growth oak and London plane trees. The single-story mass timber structure opens the ground plane for a branch library and grants access to the foliage and sky with a green roof park.

The building is designed around courtyard light wells where the trees grow. The arrangement of the columns mimic the emergent organic patterns of the forest. Curved glued laminated beams, bookshelves, and seating trace ripples from the trees, creating flows through the clearing and eddies for reading.





**In Fill:**  
**Thesis Project Advised by Astrid Lipka**

In Fill: probes our relationship with production, re-integrating making and living in the urban peripheral. In this case, the industrial corridor of the Newtown Creek, murky and disposable. I propose a hemp remediation and processing facility embedded in creative community to confront the legacy of pollution.

It is a project fundamentally about urban density. Why have we increasingly come to inhabit the planet in urban formations? What do we gain from living in close proximity to others? Density has advantages in sustainability, access and community. This project particularly focuses on the city's creative and productive capacity.



**Axonometric**  
Scale 1/8" = 1'

N. Henry St.

Monitor St.

Kingsland Ave.

Concrete  
Clayey Silt  
Sand  
Clayey Silt  
Aquifer



**1896 Factories**

- |  |   |
|--|---|
| 4. Funk Bros.  | 20. Night Soil Boat                     |
| 5. Martin Kalbfleisch Chemical Works                       | 21. Lawrence Cordage Works              |
| 6. Standard Rope and Twine Co.                             | 22. Peter Cooper's Glue Factory         |
| 7. W. Marshall Paper Co.                                   | 23. De Muth Glass Works                 |
| 8. Consolidated SOS Paper Bag Co.                          | 24. Kings County Chemical and Dye Works |
| 9. W. Knapman and Co. Whiting Works                        | 25. J Rosenberg                         |
| 10. Equity Gas Works                                       | 28. W Hoefner                           |
| 11. Barnett Starch Works                                   | 29. Nichols Chemical Works              |
| 12. Acme Fertilizer Co.                                    | 31. Sone and Fleming                    |
| 14. Standard Whiting Works                                 | 35. Columbia Distilling Co.             |
| 15. Wharf from which Fat and Bones are Shipped             | 36. Greenpoint Chemical Works           |
| 16. Wissel's Dead Animal Wharf                             | 37. Manure Barges                       |
| 17. Atlantic Carbon Works                                  |   |
| 18. C. Hilderbrand   |   |
| 19. Building Where Fat is Stored Previous to Being Shipped |   |

Source 1896 Map of Newtown Creek and its Vicinities  
Prepared by the Department of Health of Brooklyn

**Zoning Designations**

-  Heavy Industry
-  Light Industry
-  Residential
-  Greenpoint Oil Spill

**Industrial Newtown Creek**

