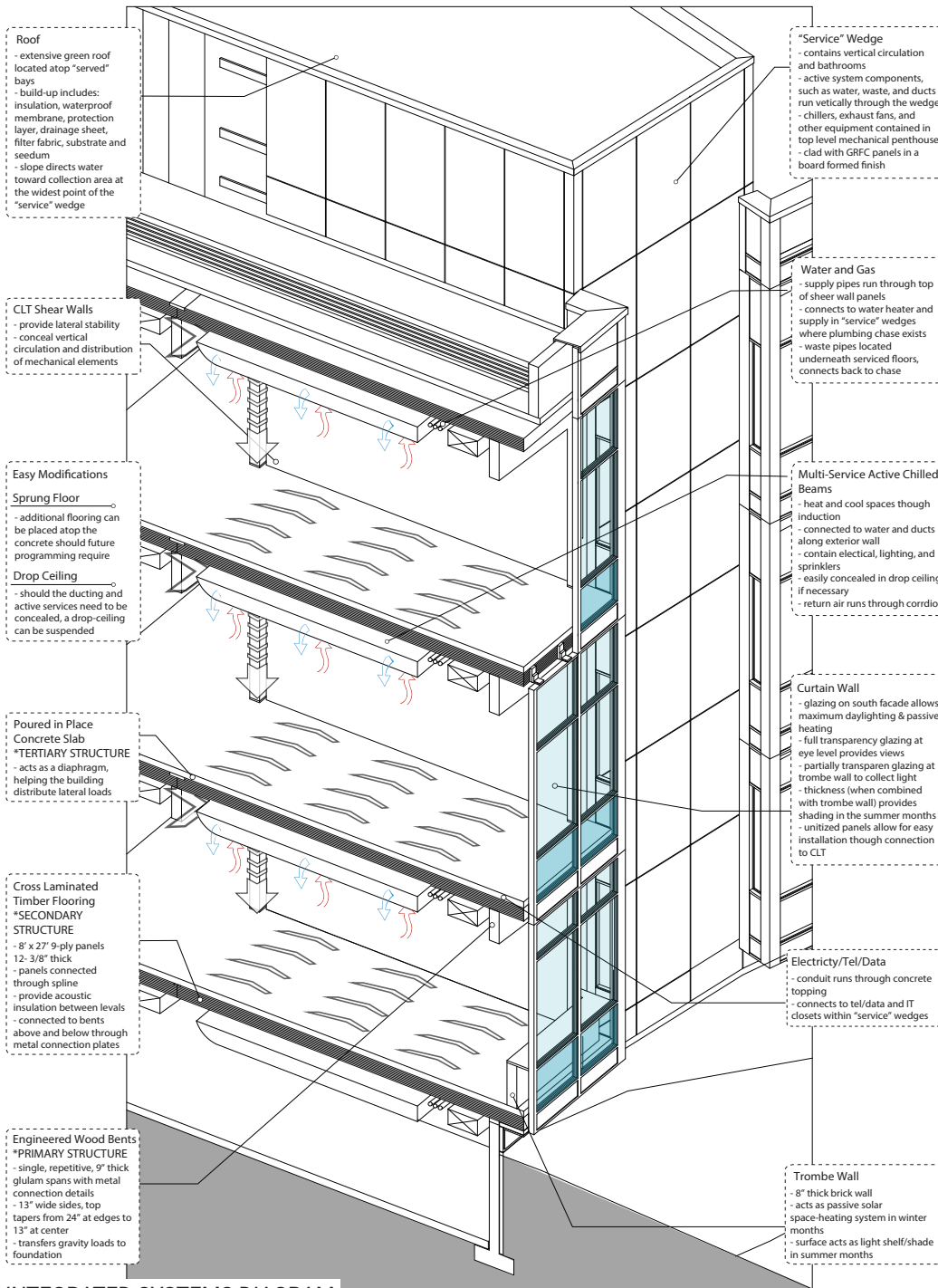


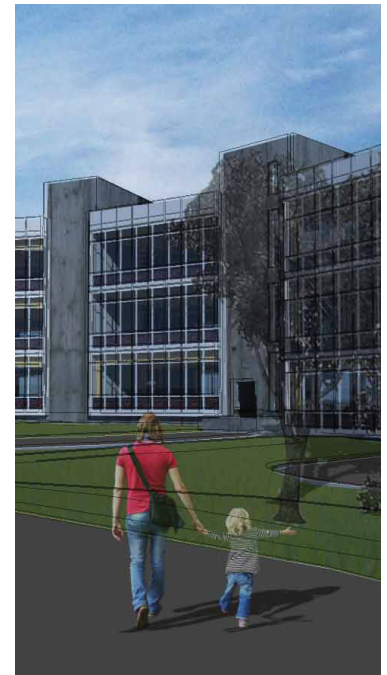
01 | 2017 to 04 | 2017  
Foxborough, MA  
Northeastern University  
Capstone Design Studio

## Notes Vernal Squared

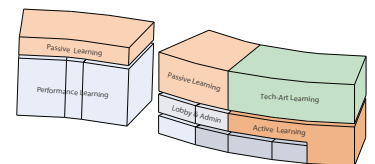
Rapid development in Foxborough, MA threatens to compromise the ecosystem of vernal pools benefiting local wildlife and ecology. Beginning with landscape remediation through the reintroduction of a vernal pool, the building uses an adaptable mass timber structure and flexible layout to ensure longevity and programmatic adaptability—a lab and community center serving as the test cases. A modular construction system with active systems running vertically in “service wedges” between bays allows for easy expansion. Water collection systems, extensive green roofs and bioswales throughout the parking area complement the ecology.



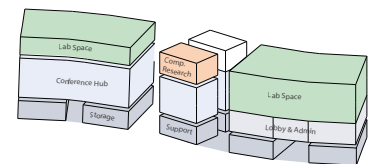
INTEGRATED SYSTEMS DIAGRAM



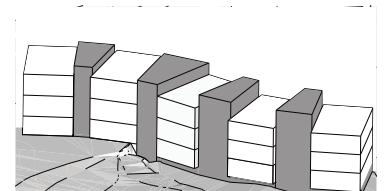
EXTERIOR RENDERING



COMMUNITY CENTER DIAGRAM



RESEARCH LAB DIAGRAM



FORM DIAGRAM

# Daniel Sweeney

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01 | 2018 to 05 | 2018  
Boston, MA  
Northeastern University  
Graduate Research Project

## Notes *Stalled*

With debates around redevelopment often leading to a stalemate, parcels of valuable (infra-structurally connected) land remain in a state of limbo. Tapping into the spatial potential of these urban voids, *Stalled* suggests an adaptable architectural prototype for small-scale, temporary interventions based on opportunist occupancy. The system presents a modular kit-of-parts, adaptable to different site constraints and programmatic needs which operates alongside a symbiotic, custodial membership model, transforming a loophole within the rapid cycles of real estate development into an opportunity.

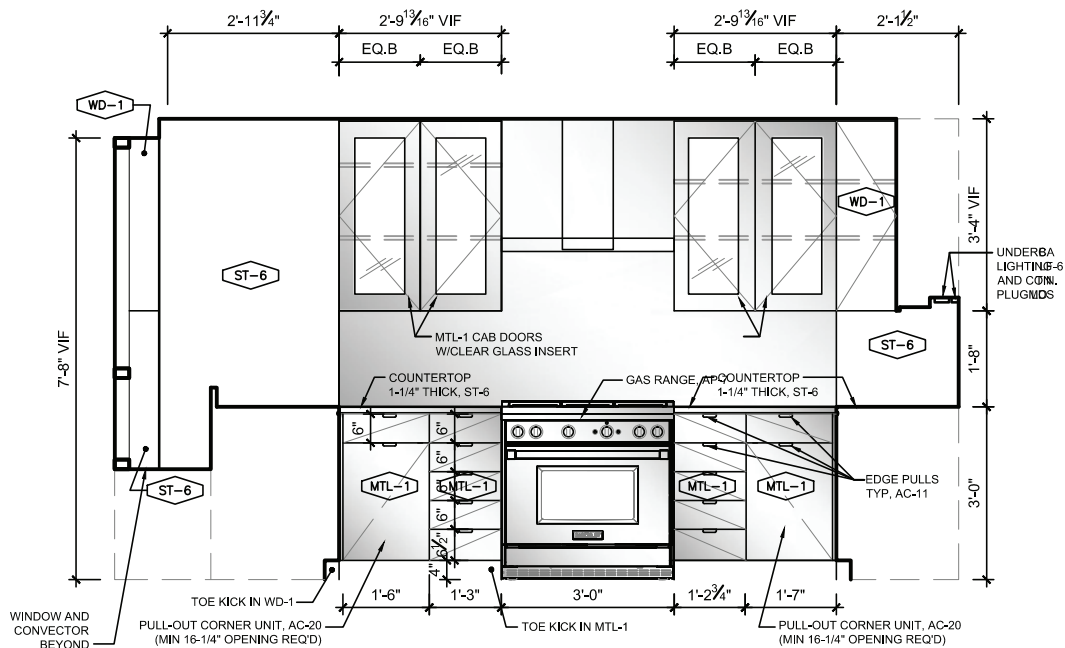


AERIAL RENDERING OF PROJECT

04 | 2015 to 05 | 2015  
New York City, NY  
BH+A  
CD

## Stats **Manhattan House**

Working within the shell of a mid-century apartment complex designed by SOM, BH+A worked to enlarge and reinvigorate units in a dated, yet architecturally significant building. In this unit, the flow was improved, along with enlarging the existing kitchen and creating more functional bathrooms, all in an effort to make it more marketable and consistent with the building's new branding. I worked to draft the construction drawings, ensuring that each sheet was readable, any legends and/or keys were coordinated correctly, and the drawings conveyed the necessary information in a clear and concise fashion.



**A1** ENLARGED KITCHEN ELEVATION

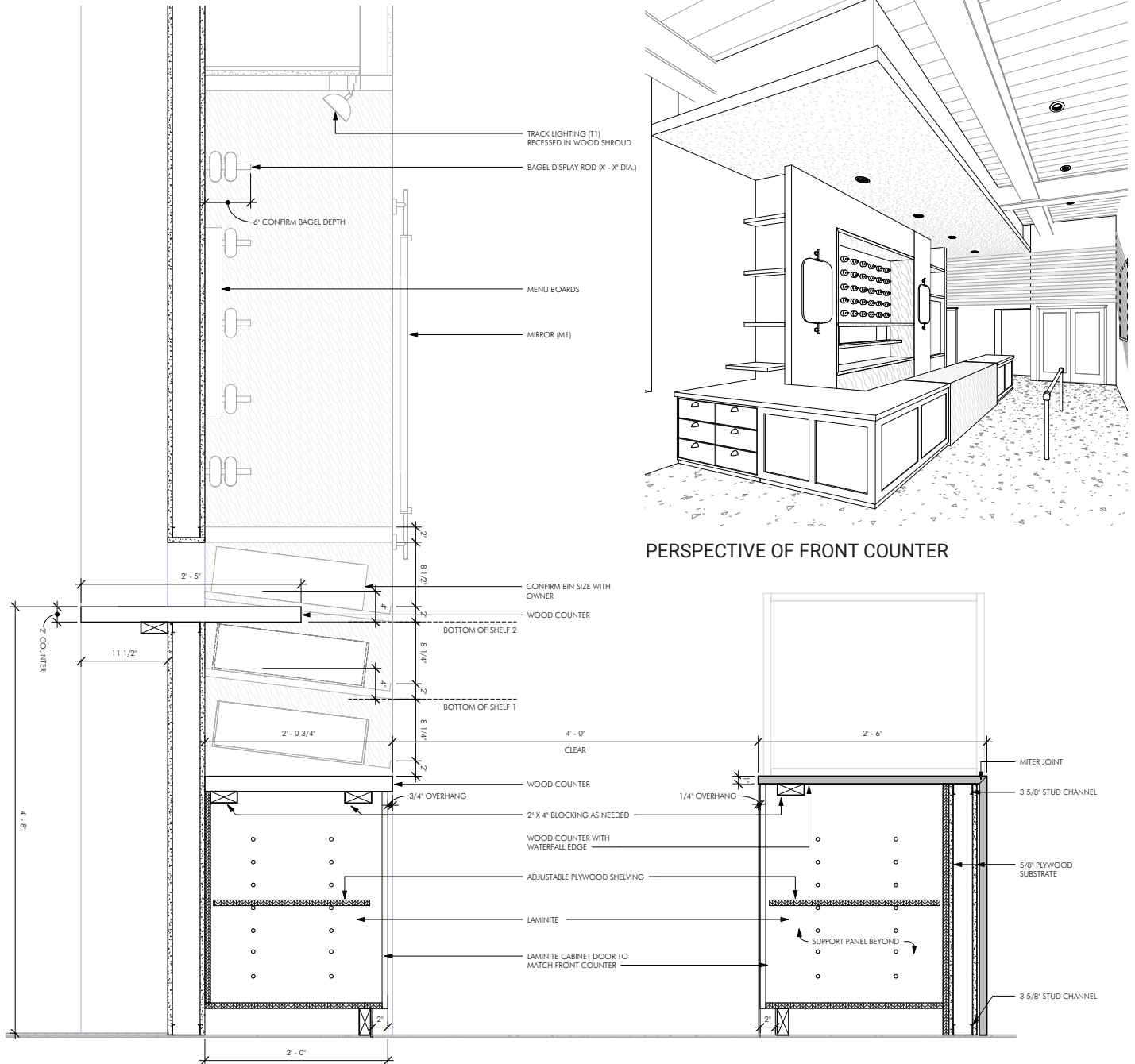


FINISH RENDER FROM  
CORCORAN REALTY

02 | 2019 to Present  
Boston, MA  
Embarc Studio  
SD, DD and CD

## Notes Better Bagels

After a successful first collaboration, Better Bagels looked to Embarc again when expanding to a second location. Hoping to move all baking to the second location, the owners desired a showcase style kitchen to display the bagel-making process while keeping with the branding Embarc established during the first project. From SD through CD and the beginning stages of construction, we worked with the clients, a kitchen designer, and specialty baking equipment manufacture to optimize the layout for peak efficiency, including a custom bagel display/pass through behind the front counter and a factory-style window peak into the bagel making area.

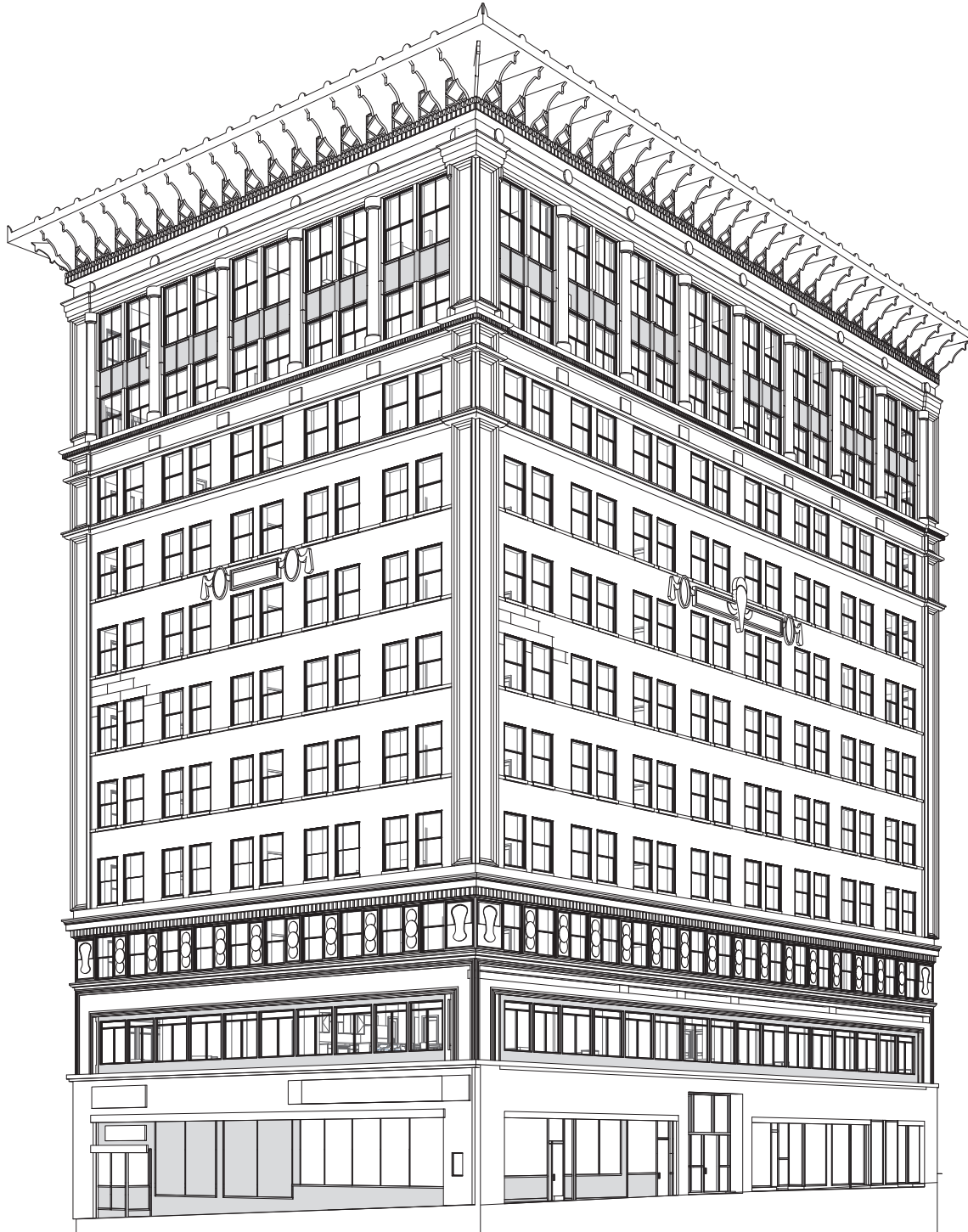


MILLWORK DETAIL AT PASS-THROUGH

01 | 2016 to Present  
Worcester, MA  
Embarc Studio  
SD, CD, and CA

## Notes *The Grid District*

Housing a large stock of historically significant buildings needing restoration, our client sought to restore prominent landmarks in the urban core of Worcester, MA. In partnership with a team urban planners and graphic designers, Embarc Studio worked on multiple projects in this collective mixed-use development, branded as The Grid. From historic preservation services and interior renovations for multi-family housing to designing commercial fit-outs, the result offers a renewed sense of pride in the city. While playing a role in various aspects of the overall project, a main task of mine involved 3D modeling existing buildings in Revit.



3D REVIT MODEL OF HISTORIC PARK PLAZA

02 | 2021 to Present  
Personal Project

## Notes *Historic Scene Collages*

"If these walls could talk..." goes the idiom, and this series seeks to assist in telling these perhaps forgotten tales. Using a carefully curated collage of figures atop a sketched background, these images present a compressed history not only of the building but the surrounding urban areas at large. By taking the time to study the architectural detail for the sketched portion and research the building's past to craft the entourage, the final product reveals more than what just a simple photograph could.

