

# Bennett Chaney

American Institute of Architects  
Leadership in Energy and Environmental Design Accredited Professional

Master of Architecture  
2007, VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

Principal, Corpus Nova Architecture LLC  
2017 MARCH TO PRESENT  
• ARCHITECTURE - RESIDENTIAL, COMMERCIAL, AND COMMUNITY  
FEASIBILITY STUDIES, REPURPOSING, VERTICAL EXPANSION, FITOUTS,  
RENOVATIONS, ADDITIONS

Architect, Ellenzweig inc  
2018 NOVEMBER TO 2019 MARCH  
• HIGHER EDUCATIONAL LABORATORY AND RESEARCH SPACES

Architect, Joe the Architect  
2016 FEBRUARY TO 2017 MARCH  
• COMMERCIAL  
RESTAURANTS AND WAREHOUSES  
• RESIDENTIAL  
RESIDENTIAL RENOVATION/ADDITION

Architect, Dakota Design Staffing  
2015 FEBRUARY TO 2016 JANUARY AND 2019 JULY TO 2020 JANUARY  
• DREAM COLLABORATIVE - PARKING STRUCTURE FOR RESORT  
• ELLENZWEIG - HIGHER EDUCATIONAL SCIENCES RESEARCH CENTERS  
• AUSTIN ARCHITECTS - RESIDENTIAL AND HIGHER EDUCATIONAL

Designer, Ellsworth Associates  
2014 OCTOBER TO 2015 FEBRUARY  
• RESIDENTIAL  
MULTI-FAMILY RENOVATION/RESTORATION  
NEW CONSTRUCTION  
RENOVATION/ADDITION

Designer, Finegold Alexander & Associates  
2013 SEPTEMBER TO 2014 JULY  
• EDUCATIONAL  
RENOVATION/REPURPOSING  
• HOSPITALITY

Job Captain, Shepley Bulfinch  
2013 FEBRUARY TO 2013 AUGUST  
• HEALTHCARE FACILITIES  
RENOVATION, PLANNING, NEW CONSTRUCTION

Designer, Steffian Bradley Architects  
2012 DECEMBER TO 2013 FEBRUARY  
• HIGHER EDUCATIONAL  
REPLICATION OF FORBIDDEN CITY PAVILION

Designer, HMFH Architects  
2007 SEPTEMBER TO 2012 OCTOBER  
• EDUCATIONAL  
PHASED-OCCUPIED RENOVATION OF CAMBRIDGE RINDGE AND LATIN HS  
NEW CONSTRUCTION, TAHANTO REGIONAL MIDDLE-HIGH SCHOOL  
NEW CONSTRUCTION, CONCORD, NH ELEMENTARY SCHOOLS  
RENOVATION, MATCH PUBLIC CHARTER SCHOOL, FOREST HILLS  
• PROMOTIONAL MATERIAL GRAPHICS  
• PHOTOGRAPHY FOR AWARDS SUBMISSIONS

Bachelor of Science, Design  
2003, RADFORD UNIVERSITY

PRACTICE MANAGEMENT  
PROJECT MANAGEMENT  
STAFF GUIDANCE  
CODES RESEARCH AND DOCUMENTATION  
CONSTRUCTION ADMINISTRATION  
JOBSITE OBSERVATION  
SUBMITTAL REVIEW  
PRODUCT RESEARCH  
FINISHES LAYOUTS AND SPECIFICATIONS  
BUILDING SYSTEMS COORDINATION  
BUILDING STRUCTURE COORDINATION  
PROMOTIONAL MATERIALS  
CONSTRUCTION DETAILING  
DRAWING AND SPECIFICATIONS PREPARATION

REVIT  
TWINMOTION  
SKETCHUP  
ENSCAPE  
INDESIGN  
PHOTOSHOP  
ILLUSTRATOR  
ACROBAT  
V-CARVE PRO  
SLICER  
XODO DOCS  
WORD  
EXCEL

WOODWORKING  
METALS MACHINING  
SKETCHING AND DRAFTING  
CNC FABRICATION  
3D PRINTING

SOFTWARE TRAINING  
ARTS EDUCATION  
STUDIO CRITIQUE

HIKING  
FINE ARTS  
MUSIC PERFORMANCE  
BICYCLE COMMUTING  
SKATEBOARDING  
DISC GOLF

# Artisans Asylum

Corpus Nova Architecture, 2017

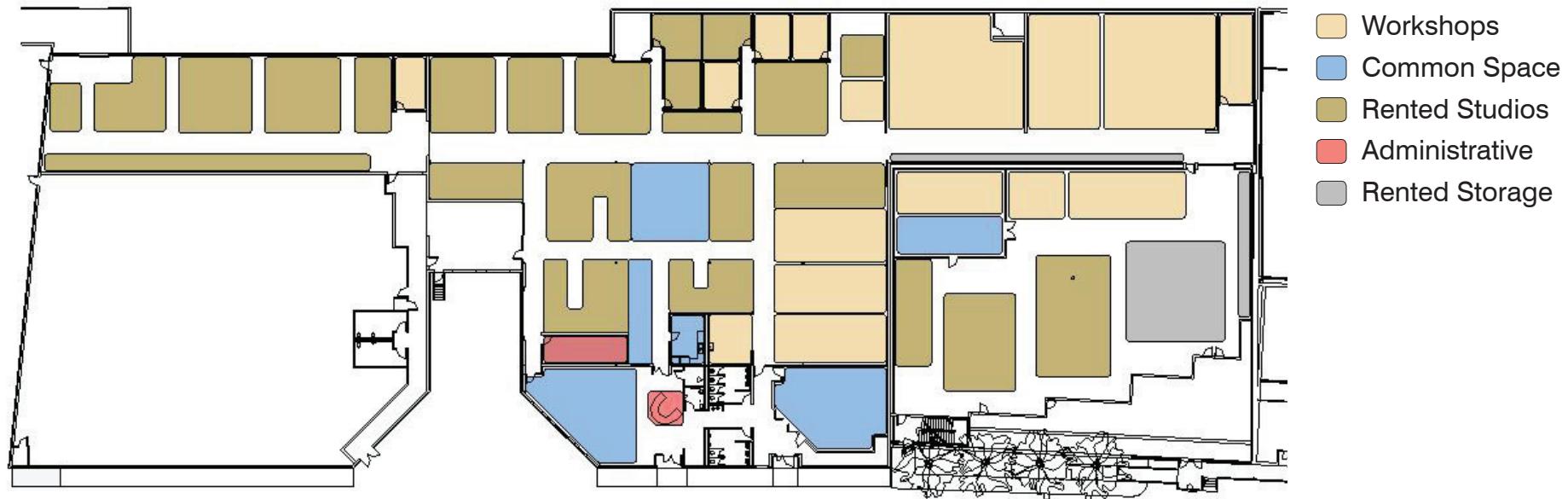
## Renovation Feasibility Study

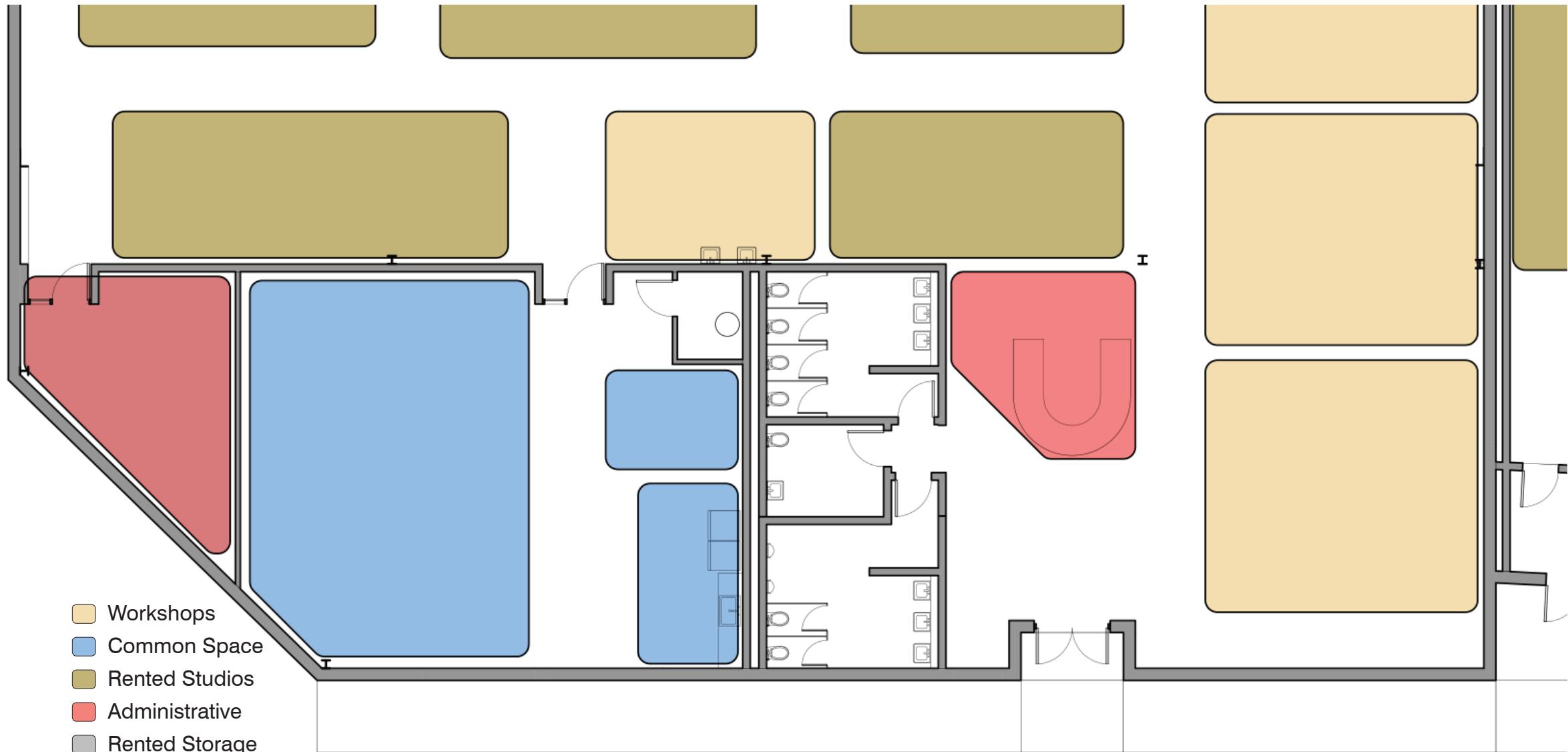
As one of the premier maker spaces in the U.S., the Artisans Asylum has been located in Somerville, MA since its inception in 2010. The existing building was originally the home of the Ames Envelope Factory and underwent very minor reconfiguration when the Artisans Asylum moved into the space. Over just a few years, Artisans grew to nearly 400 members with workshops, classes, and community events.

Corpus Nova Architecture was commissioned by the Artisan's Asylum to work with the executive director and the facilities manager to study the feasibility of a reconfiguration of the front of house spaces, restrooms and classroom, as well as improving accessibility.

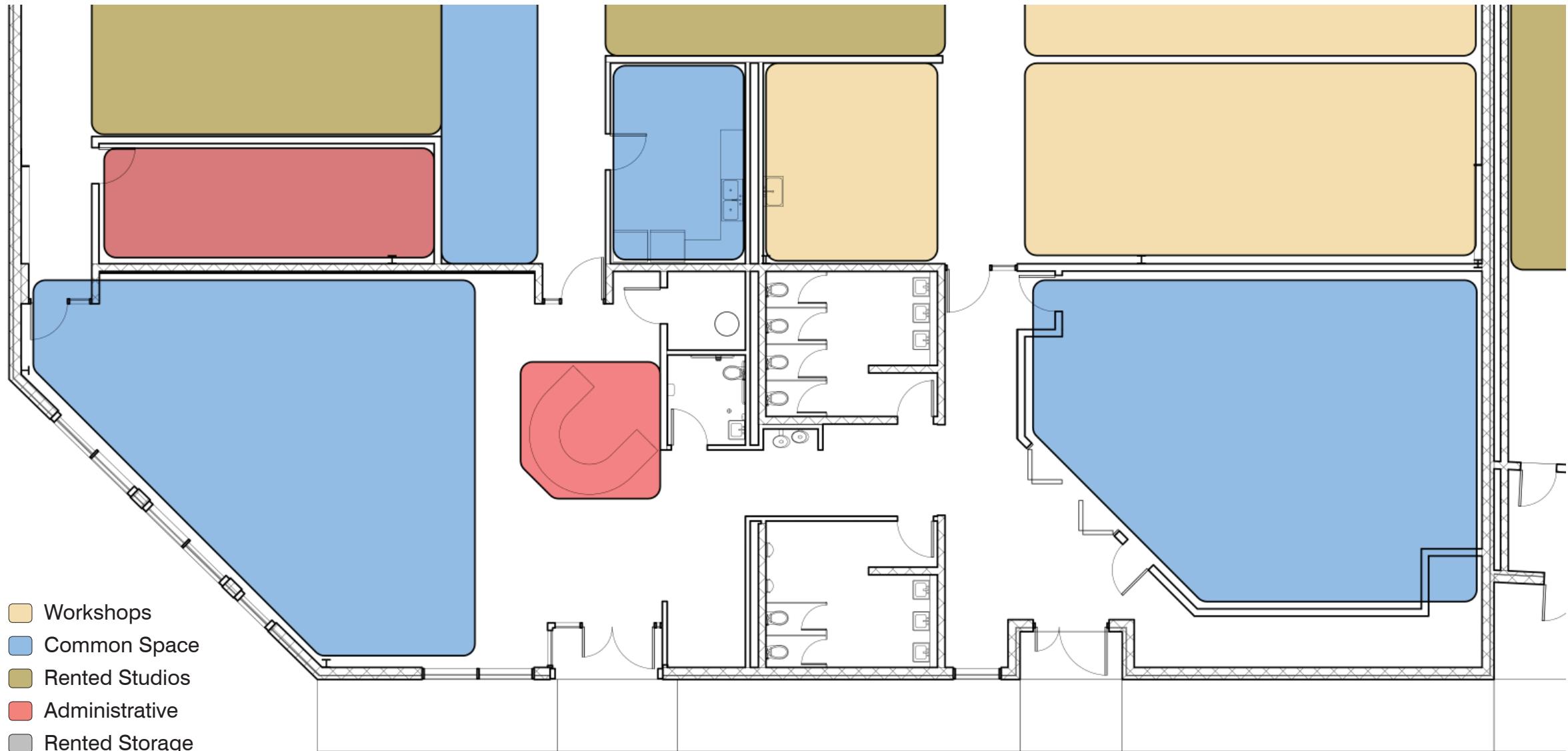
- Project Interview
- Field Measurement
- Design with Phasing
- Document Package for Owner







Existing Layout



Proposed Layout





# St Francis House

Corpus Nova Architecture, 2019

Finishes and Fixture Update of the Bathrooms for Next Step Housing

The Next Step Housing at the St Francis House in Boston, MA is a place that serves as a permanent residence for more than 50 men and women who have experienced homelessness.

Corpus Nova Architecture worked with the facilities manager at the St. Francis House to make plans and specifications for an update to finishes and fixtures for the 12 bathrooms on 4 floors of their facility in downtown Boston.

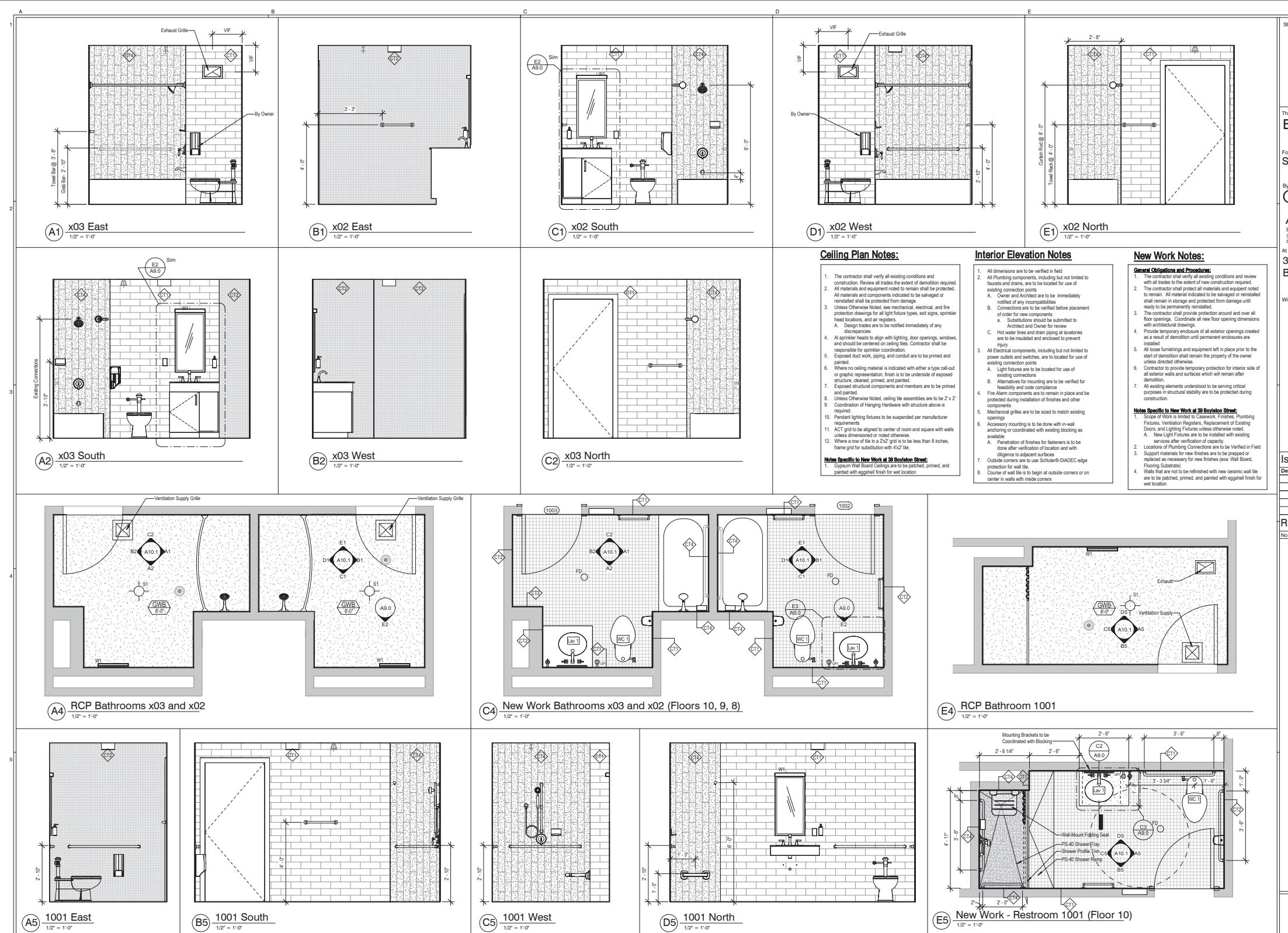
- Project interview
- Field Measurements
- Design and documentation
- Specifications



Tile Layout Options, Staff Restroom



Tile Layout Options, Staff Restroom



## Plan, Reflected Ceiling Plan, and Elevations

and Elevation

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## Bathrooms

St. Francis House

# Corpus Nova Architecture

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9 Boylston Street  
Boston, MA 02116

1

### Ceiling Plan Notes:

### Interior Elevation Notes

## New Work Notes:

1. The contractor shall verify all existing conditions per construction documents, then trade in the order of elevation required.
2. All materials and equipment mentioned in the plans shall be protected. All materials and components indicated to be salvaged or reinstalled shall be protected from damage.
3. Unless Otherwise Noted, all mechanical, electrical, and fire detection and alarm system fixtures, types, sizes, supplier head locations, and air registers:
  - A. Design trades are to be informed immediately of any discrepancies
4. All recessed lights are to align with lighting, door openings, windows, and should be centered on ceiling trusses. Contractor shall be responsible for sprinkler coordination.
5. Exposed duct work, piping, and conduit are to be primed and painted.
6. Where no ceiling material is indicated with either a type call-out or graphic representation, finish is to be underside of exposed structure, ceiling, primed, and painted.
7. Exposed structural components and members are to be primed and painted.
8. Unless Otherwise Noted, ceiling tile assemblies are to be  $2' \times 2'$  x 2".
9. Coordination of Hanging Hardware with structure is required.
10. Pendant lighting fixtures to be suspended per manufacturer requirements.
11. ACT grates to be aligned to corner of room and square with walls unless dimensioned or noted otherwise.
12. Where a row of a  $2' \times 2'$  grid is to be less than 8 inches, frame grid for substructure with  $4' \times 2'$ .

**Notes Specific to New Work at 39 Bayonne Street:**

1. Gypsum Wall Board Ceilings are to be patched, primed, and painted with eggshell finish for wet location

<ol style="list-style-type: none"> <li>All dimensions are to be verified in field</li> <li>All Plumbing components, including but not limited to faucets and drains, are to be located for use of existing rough-in.</li> <li>A. Owner and Architect are to be immediately notified of any incompatibilities</li> <li>Connections are to be verified before placement of rough-in components.</li> <li>A. Substitutions should be submitted to Architect and Owner for review</li> <li>C. Hot water lines and drain piping at fixtures are to be insulated and enclosed to prevent injury.</li> <li>All Electrical components, including but not limited to power outlets and switches, are located for use of existing rough-in.</li> <li>A. Light fixtures are to be located for use of existing connection</li> <li>B. Alternatives for mounting are to be verified for fixture placement and orientation.</li> <li>Fire Alarm components are to remain in place and be protected during installation of finishes and other components.</li> <li>5. All exterior grilles are to be sized to match existing openings</li> <li>6. Accessory mounting is to be done with nail, screw or coordinated with existing grilles and screening as applicable.             <ul style="list-style-type: none"> <li>A. Penetration of finishes for fasteners is to be done after verification of location and with diligence to adjacent surfaces</li> </ul> </li> <li>7. Outer wall is to be Schüco PUD/ADEC edge protection for wall tie.</li> <li>8. Course of wall ties is to begin at outside corners or on</li> </ol>	<p><b>General Obligations and Procedures:</b></p> <ol style="list-style-type: none"> <li>The contractor shall verify all existing conditions and review with all trades to the extent of new requirements.</li> <li>There are to be no alterations to fixtures and equipment noted to remain. All material indicated to be salvaged or reinstated shall remain in storage and protected from damage until ready to be permanently reinstated.</li> <li>The contractor shall provide protection around and over all floor openings.</li> <li>Provide temporary enclosure of all exterior openings created as a result of permanent penetrations are installed.</li> <li>All loose furnishings and equipment left in place prior to the start of construction remain the property of the owner unless otherwise otherwise.</li> <li>Contractor to provide temporary protection for interior side of all exterior walls and surfaces which will remain after demolition.</li> <li>All existing elements understood to be serving critical purposes in structural stability are to be protected during construction.</li> </ol> <p><b>Notes Specific to New Work at 39 Bayleton Street:</b></p> <ol style="list-style-type: none"> <li>Scope of Work is limited to Casework, Finishes, Plumbing Fixtures, Ventilation Registers, Replacement of Existing Doors, and Removal of Existing Components noted.</li> <li>A. New Light Fixtures are to be installed with existing services after verification of capacity</li> <li>2. Locations of Plumbing fixtures are to be Verified in Field</li> <li>3. Supply lines and fixtures are to be replaced as necessary for new finishes (ex: Wood Board Flooring Substrate)</li> <li>4. Walls that are not to be refinished with new ceramic wall tile are to be left in original condition.</li> </ol>
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## Revisions

A10.1

ANSWER TO THE 2013 EMA



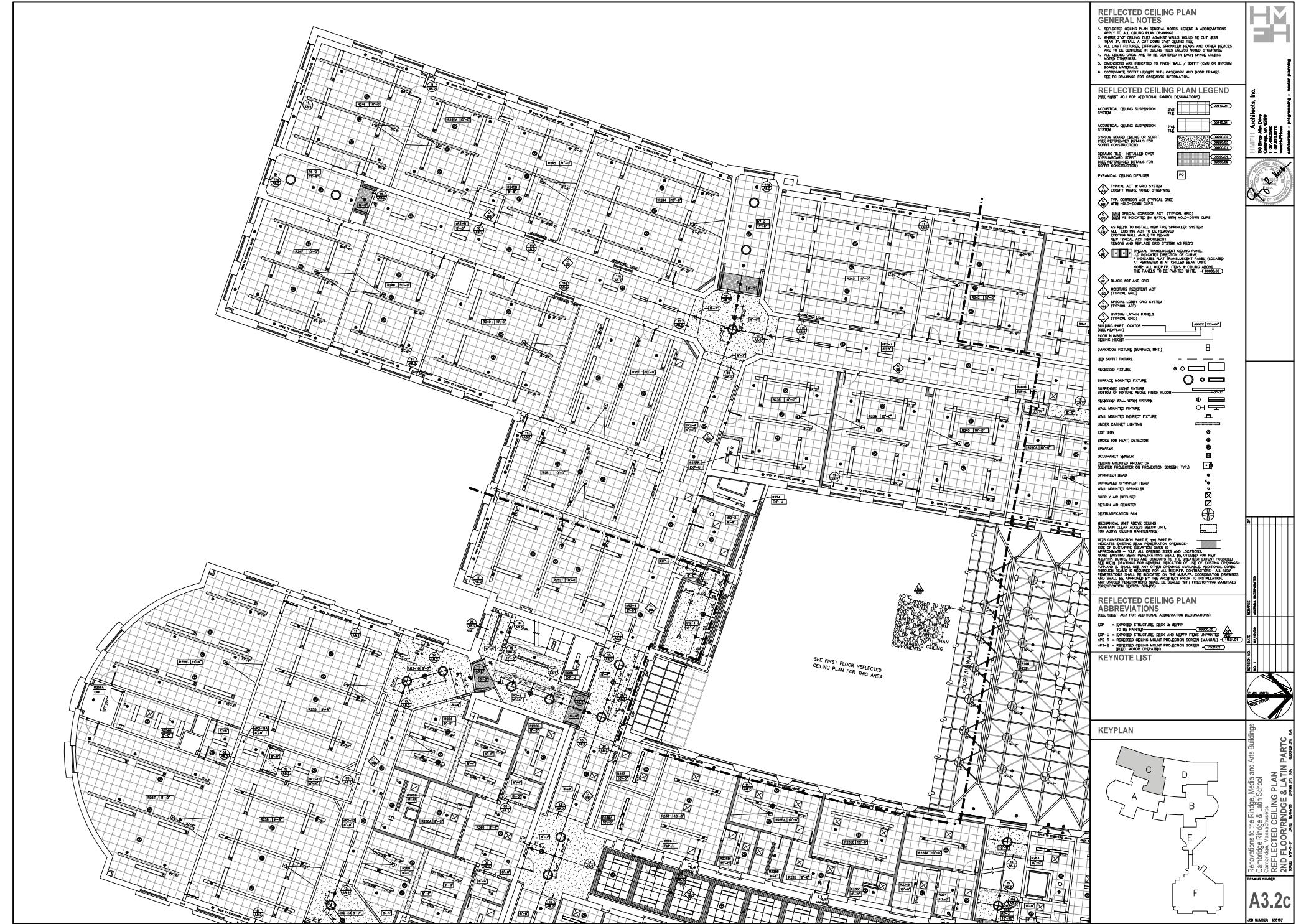
# Cambridge Rindge and Latin School

HMFH, 2007

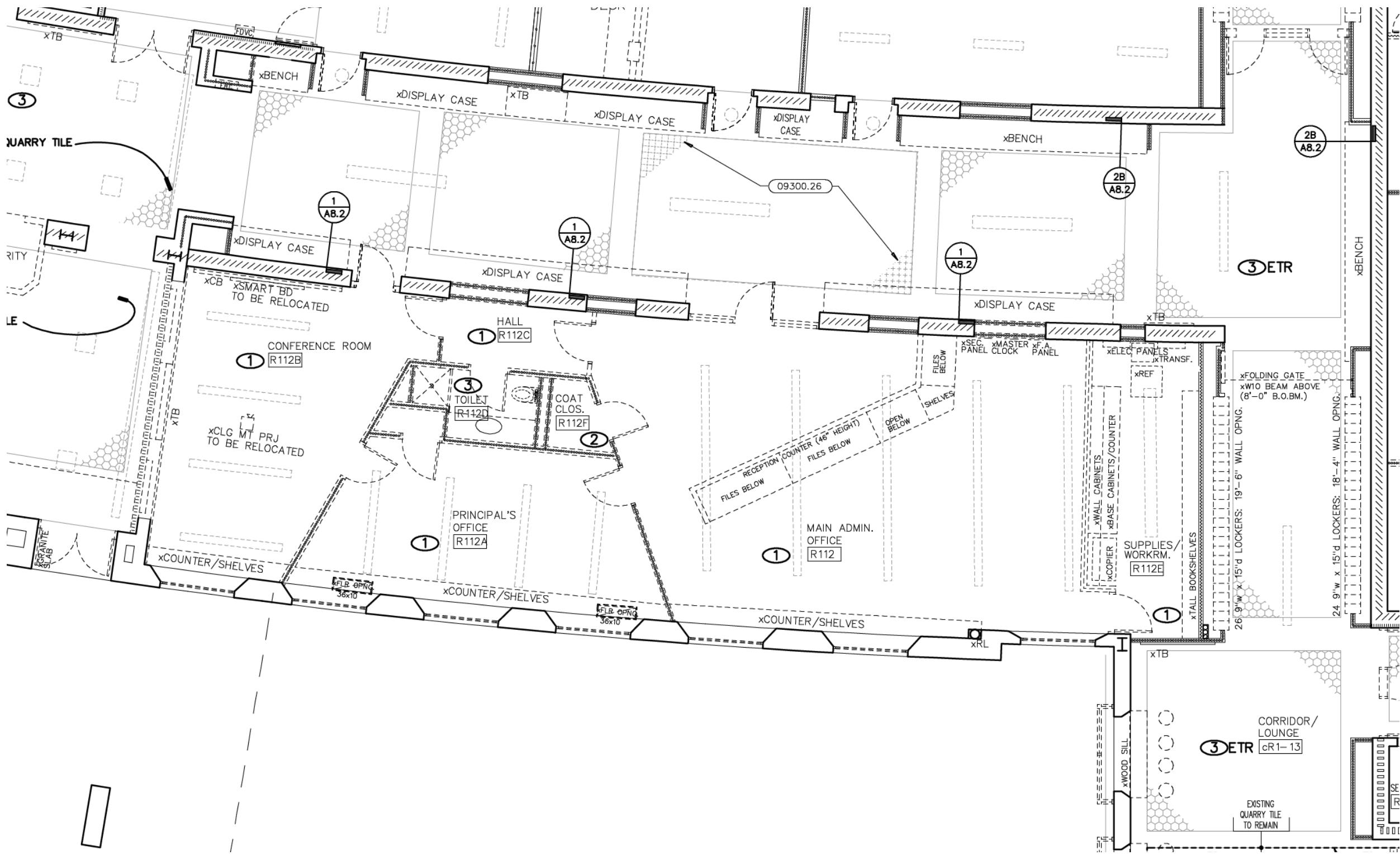
Phased-Occupied Renovation of 400,000 sf Highschool

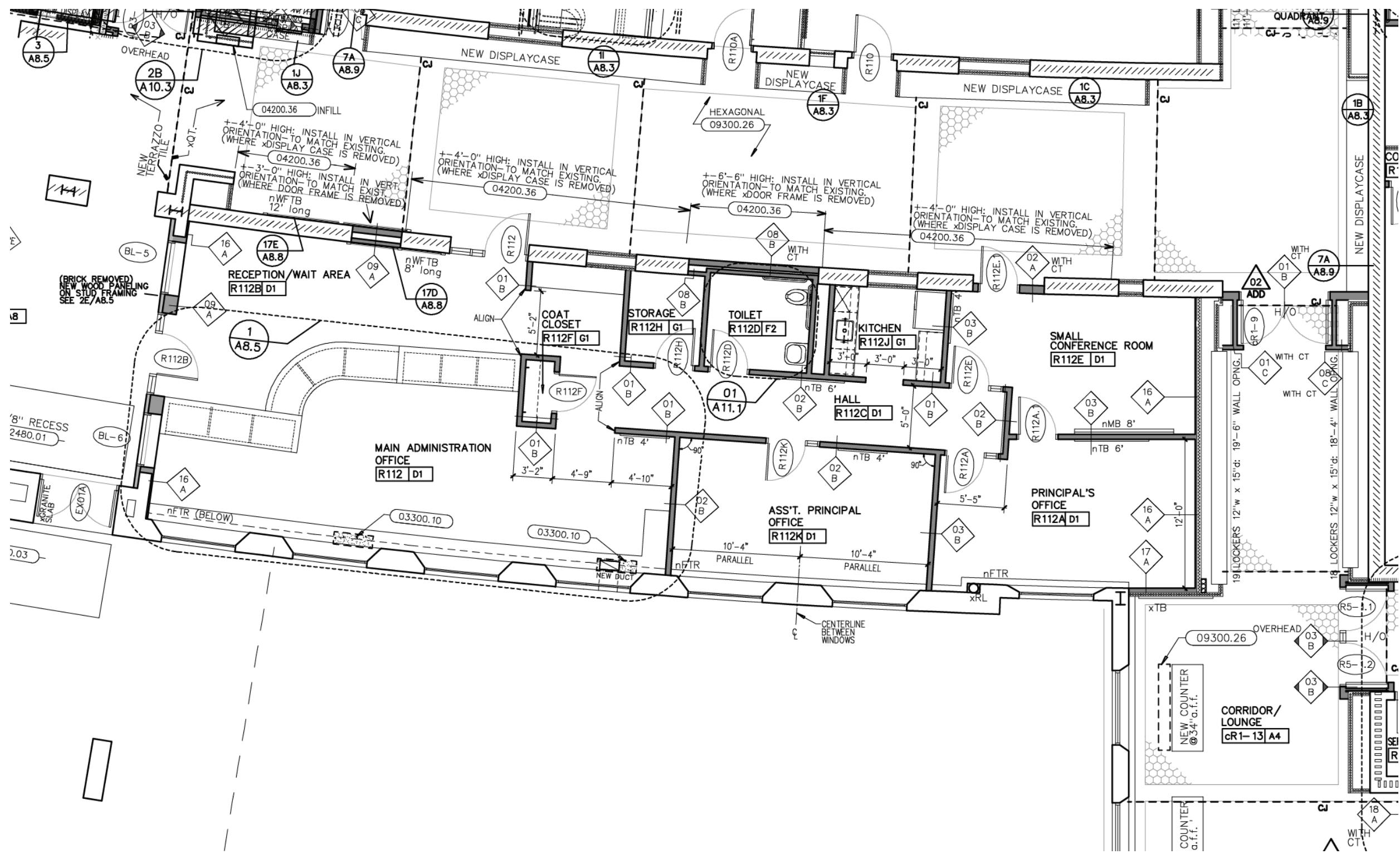
The full renovation of the Cambridge Rindge and Latin School involved a coordination of construction phases in a way that would be able to accommodate full operation for 3 of the 4 grades with one in a nearby swing space. The work included improvements to the bulding envelope, full building systems, structural reinforcement, revised layouts of spaces, and the addition of sustainable on-site energy supply.

- Ceiling Plans in Coordination with Building Systems
- Detail Design and Drafting
- Space Planning and Design of Administrative Suite
- Drawing Set Assembly













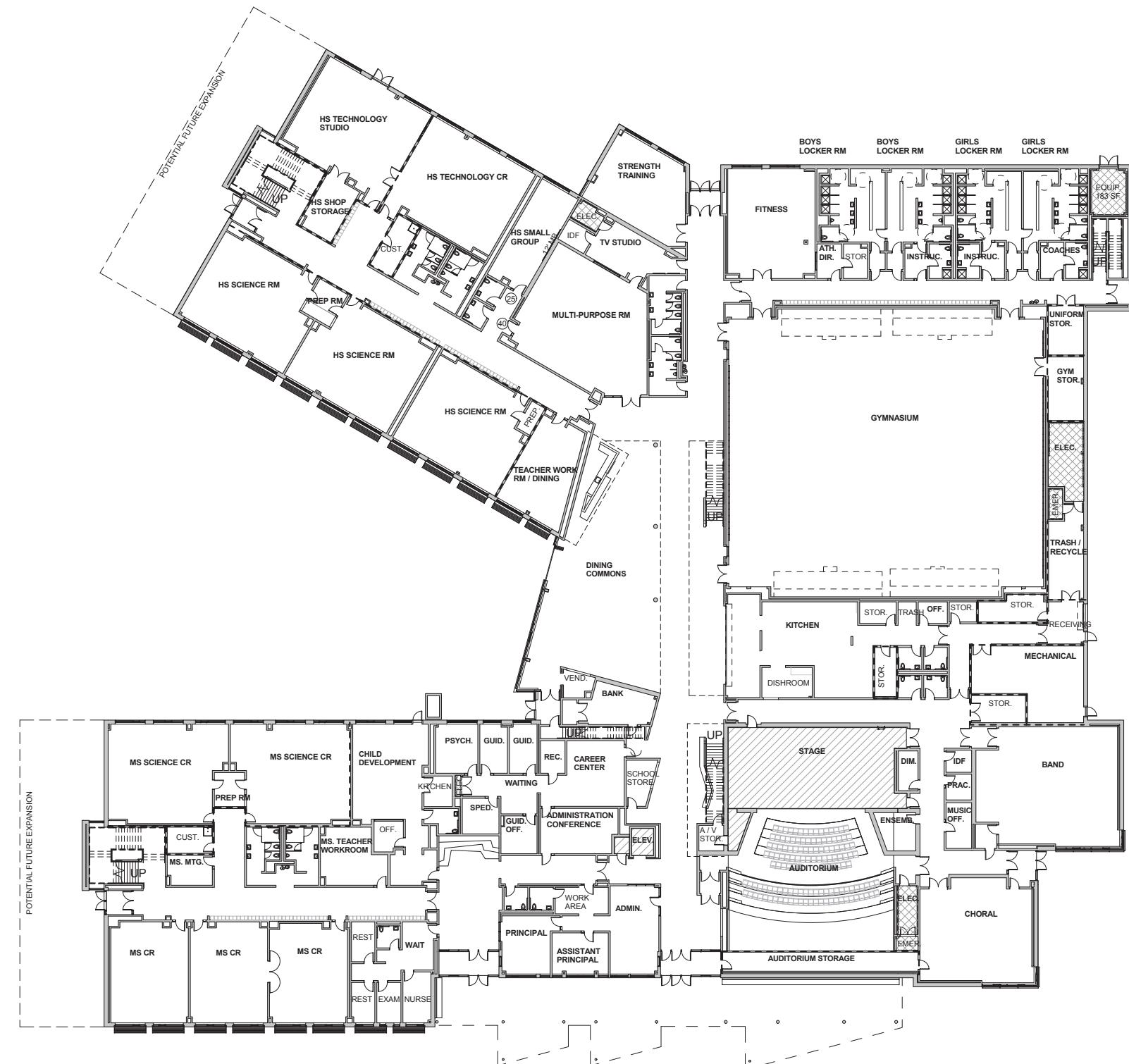
# Tahanto Regional Middle High School

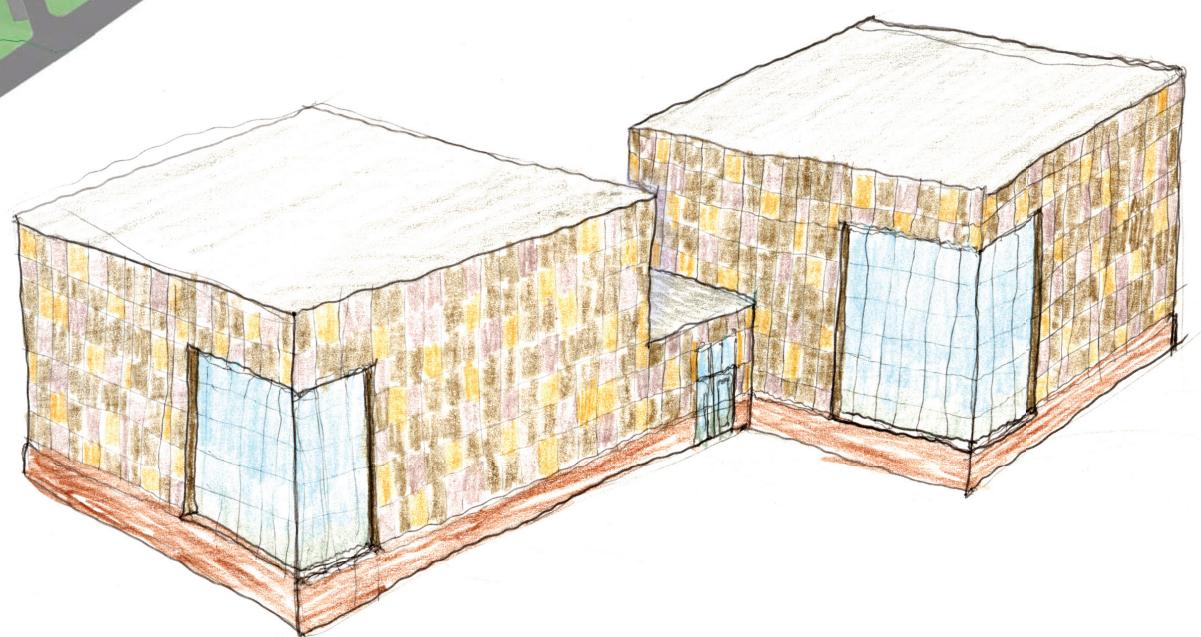
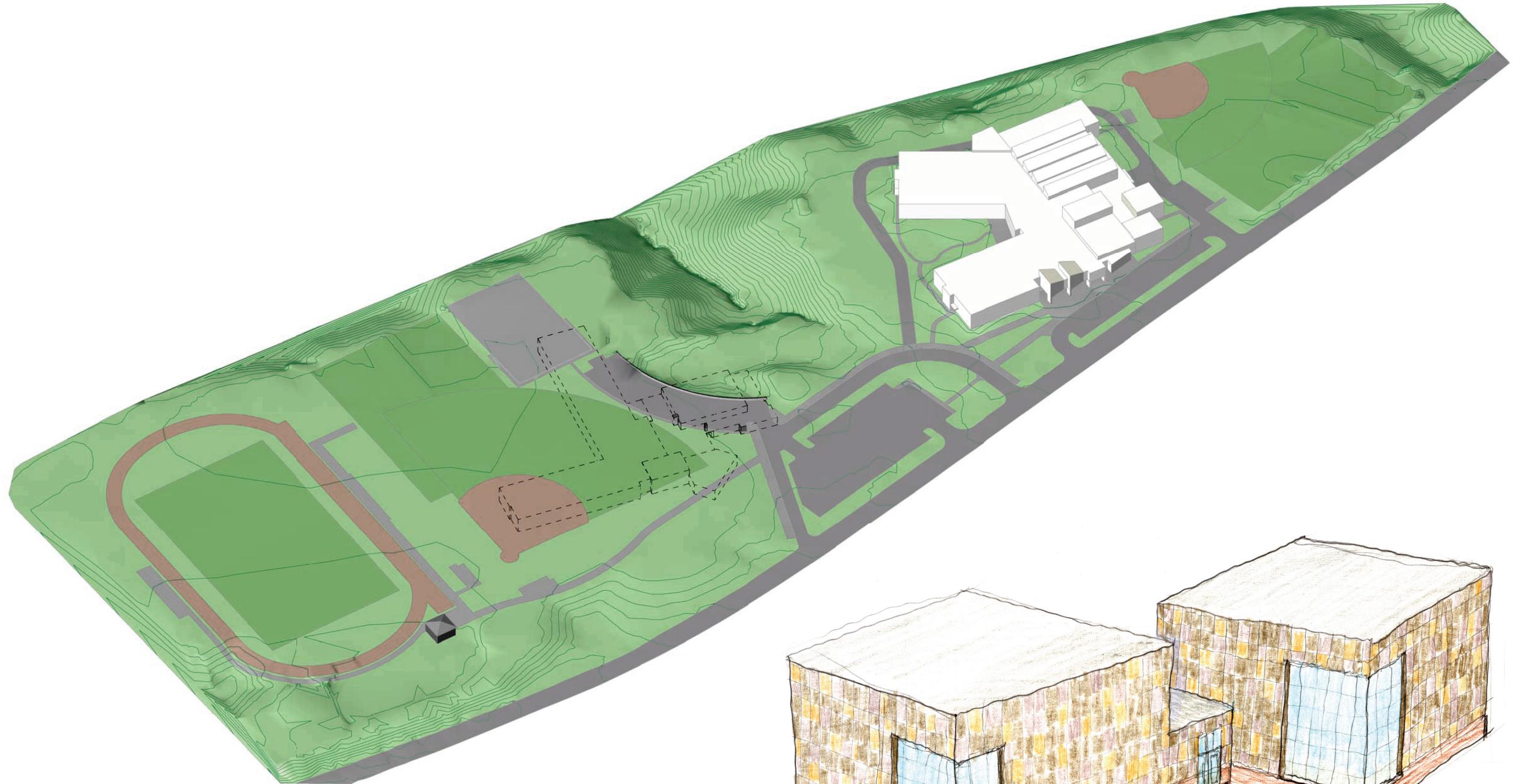
HMFH, 2009

New Construction School, Grades 6 - 12

Located between Berlin and Boylston Massachusetts, the 560 student Tahanto Regional Middle-High School provides a high performance learning environment for students grades 6 though 12. The plan is based on giving the middle school and the high school their own spaces, while providing common facilities shared by all students.

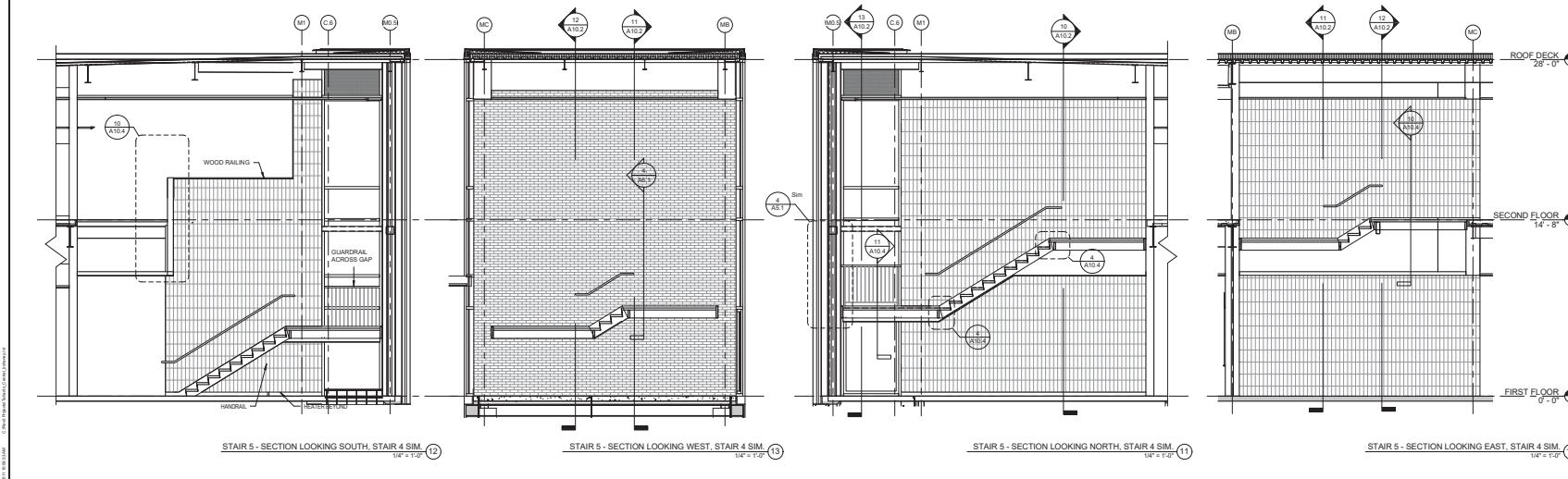
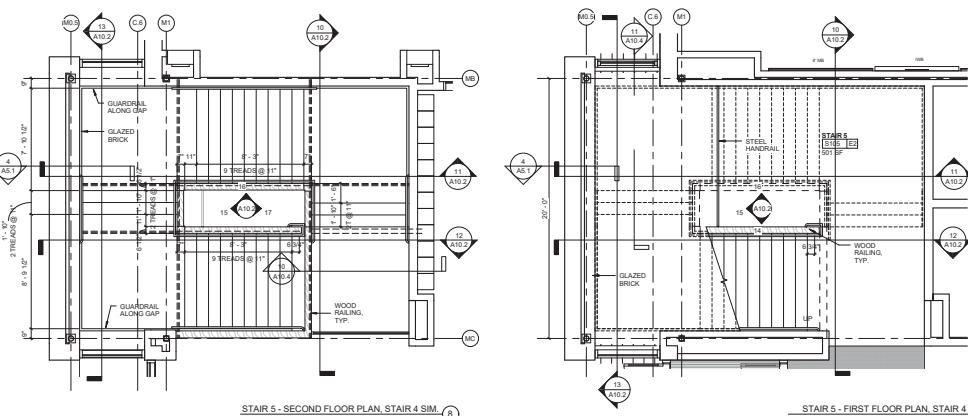
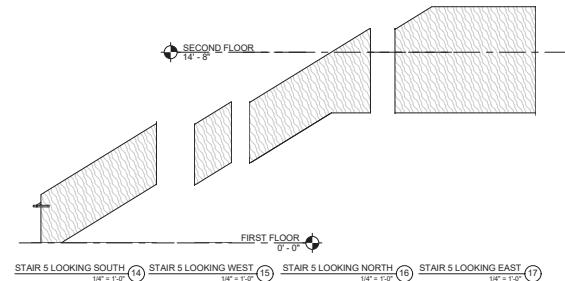
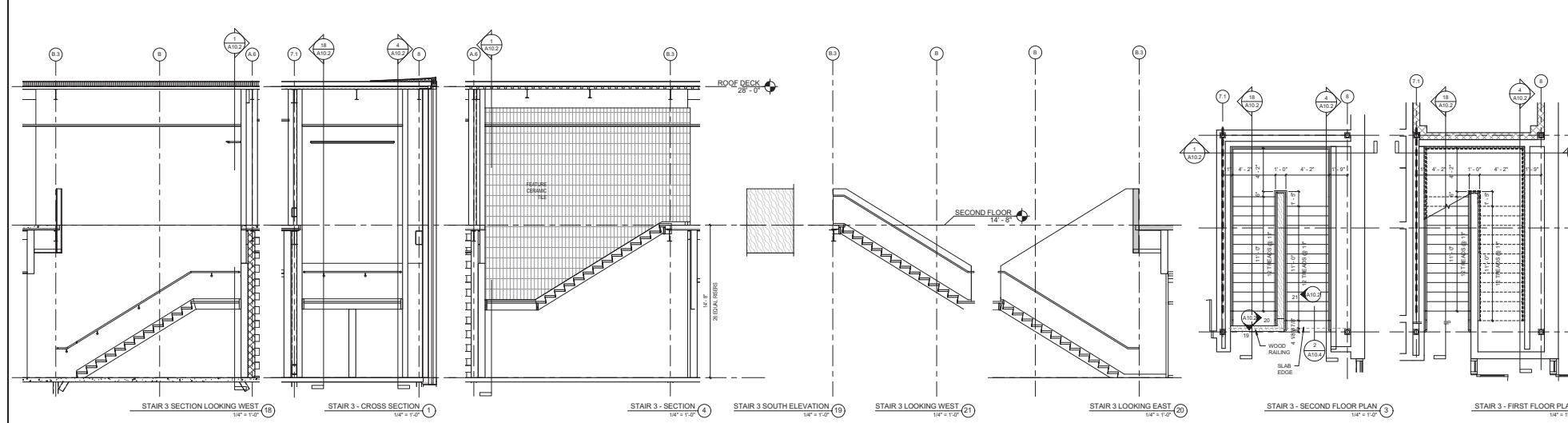
- Interview Materials
- All Design Phases through Construction Documents in direct collaboration with project manager and design principal
- Stairway Layouts and Detailing
- Detail Design and Drafting
- BIM Coordination
- Drawing Set Assembly





**STAIR NOTES**

1. PROVIDE FEATURE CERAMIC TILE WAINSCOT (6'-4" HIGH) ALONG ALL INTERIOR STAIR WALLS, AS SHOWN IN TYPICAL DETAILS AND SECTIONS, UND.

**KEYNOTE LIST**








# Elementary Schools, Concord, NH

HMFH, 2010

New Construction Schools, Grades k-5

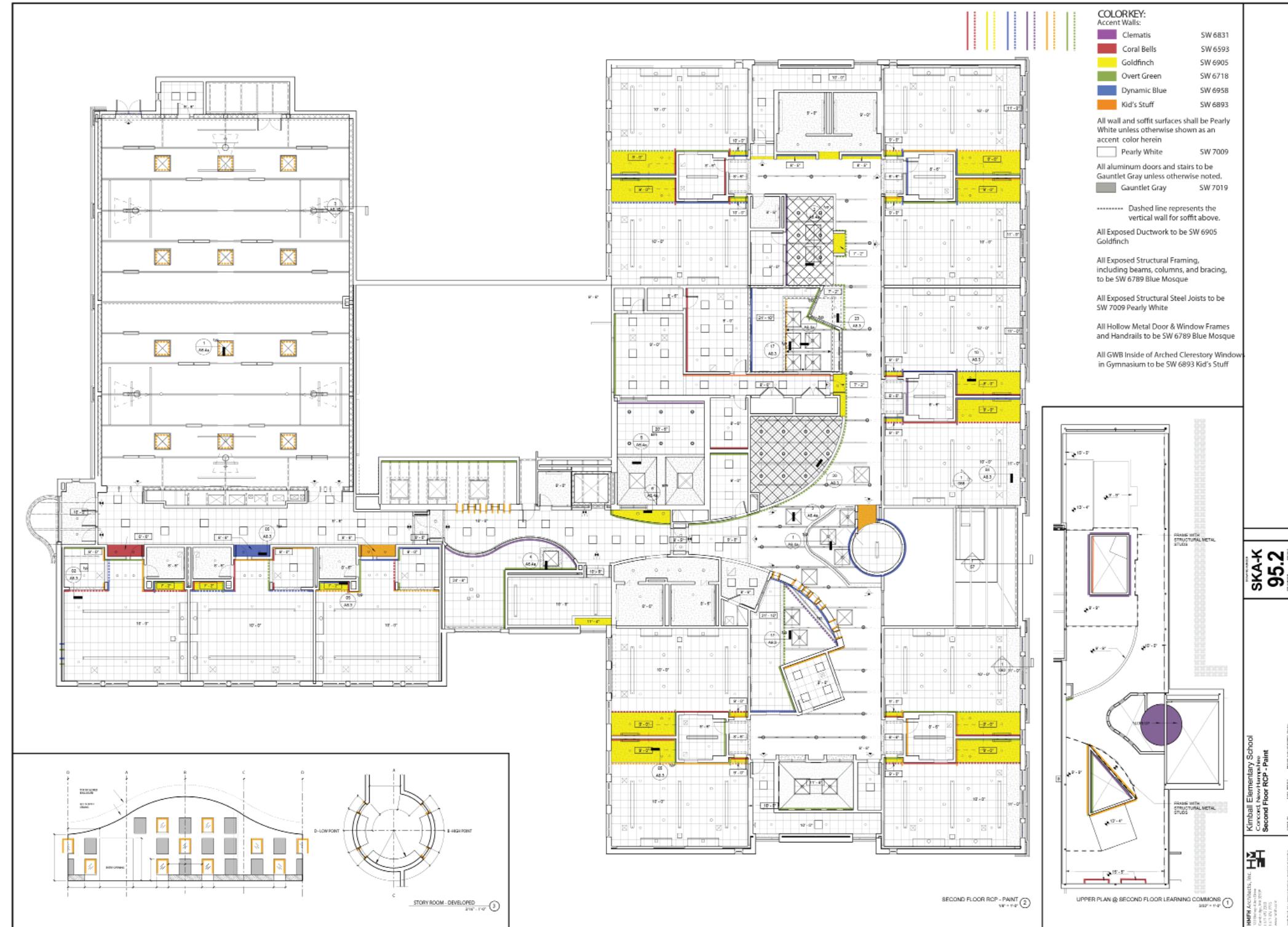
To accommodate a restructuring of the Concord, New Hampshire elementary school system, 6 schools were consolidated into 3 new buildings. HMFH brought innovative educational concepts to the new learning environments, such as open-plan learning commons for more informal activities and lessons.

- Construction Documents
- Floor and Wall Tile Pattern Layouts and Detailing
- Color Layouts
- Construction Administration Punch-List















# Elliot School, Commercial Street

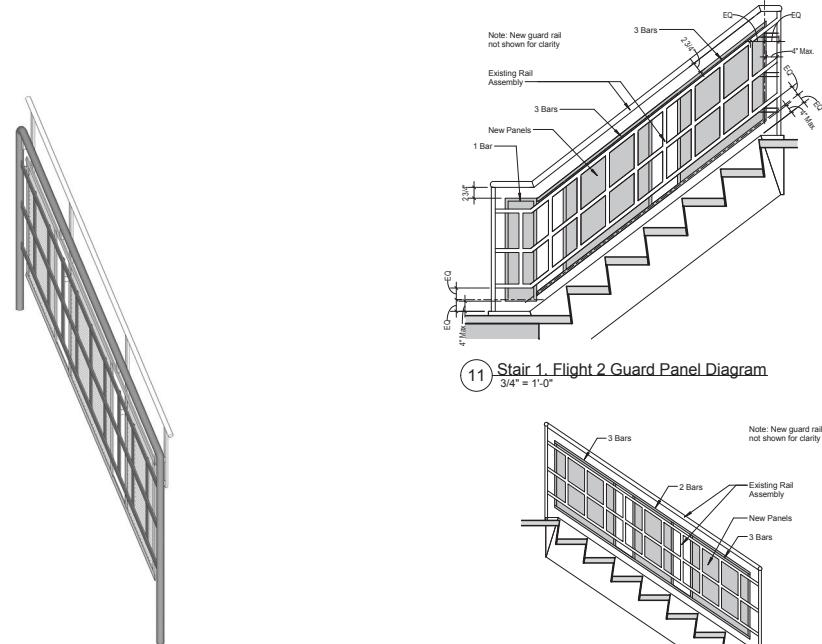
Finegold Alexander and Associates, 2014

Repurposing of Office Building for Elementary Classrooms

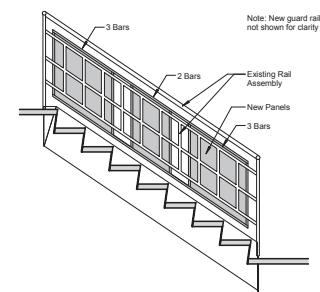
Located in Boston's North End, this renovation involved a full demolition of the interior office layout and the design of a classroom, restroom, and support space layout.

- Design and Construction Documents
- Design Team Coordination
- Construction Administration

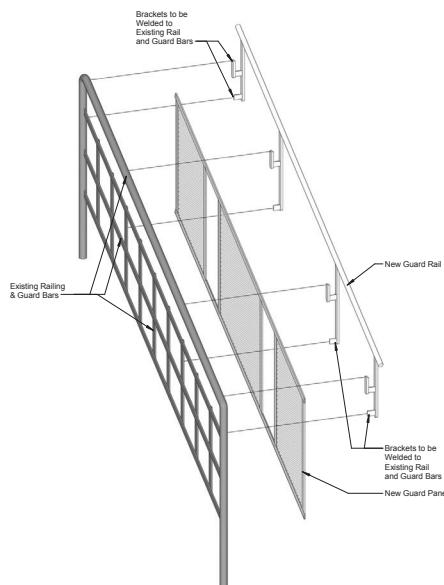




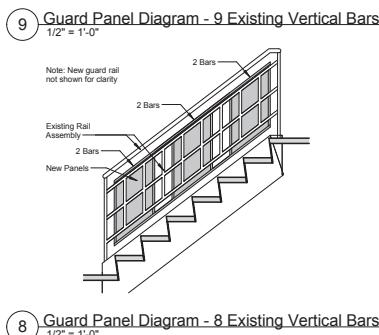
11 Stair 1, Flight 2 Guard Panel Diagram  
3/4" = 1'-0"



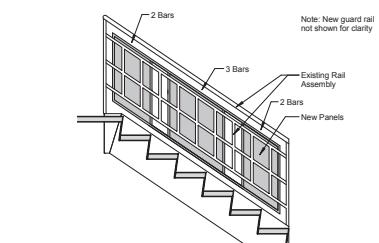
10 Guard Panel Diagram, 10 Existing Vertical Bars  
1/2" = 1'-0"



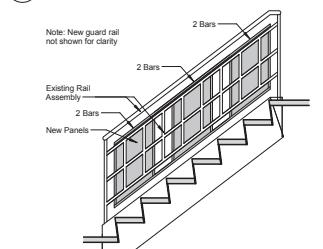
12 Railing Components - Assembled and Exploded Views



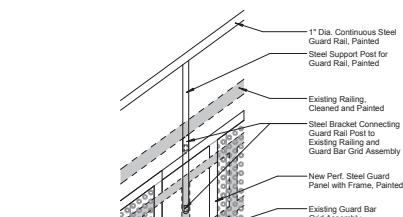
8 Guard Panel Diagram - 8 Existing Vertical Bars  
1/2" = 1'-0"



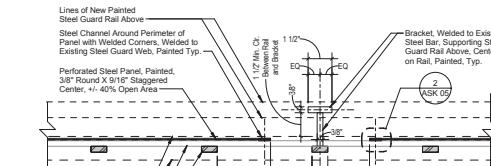
9 Guard Panel Diagram - 9 Existing Vertical Bars  
1/2" = 1'-0"



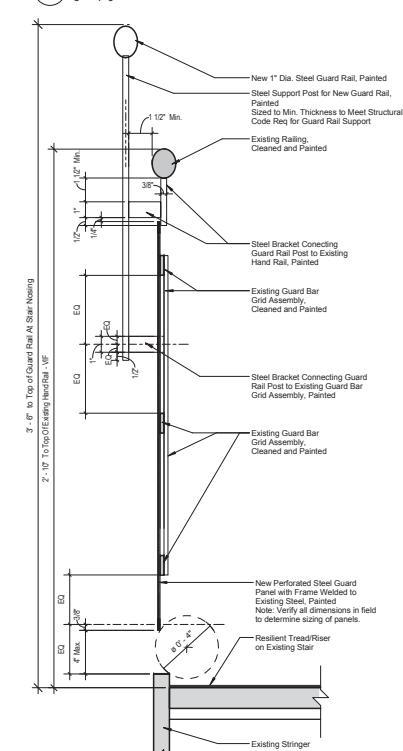
7 Elevation Detail - Guard Rail Assembly  
1 1/2" = 1'-0"



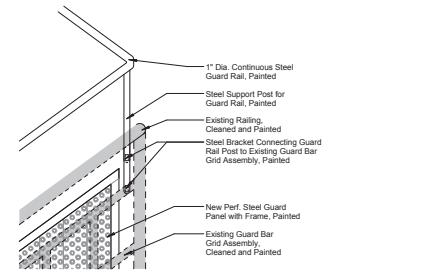
7 Elevation Detail - Guard Rail Assembly  
1 1/2" = 1'-0"



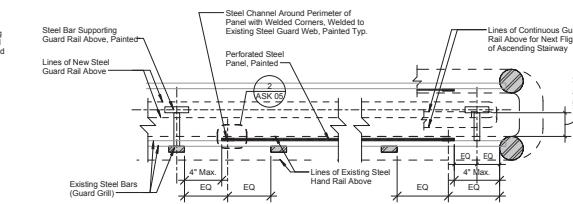
6 Revised Plan Detail - Perforated Guard Panel  
3" = 1'-0"



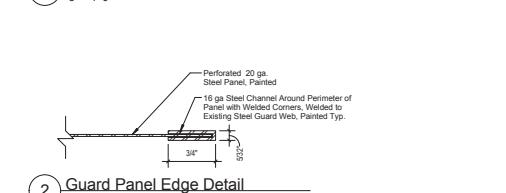
5 Section Detail - Guard Panel and Rail  
3" = 1'-0"



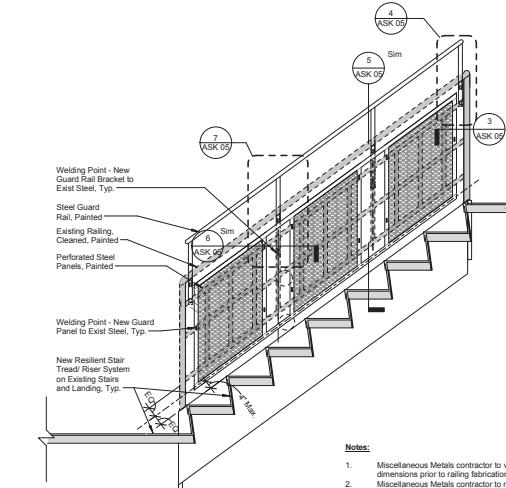
4 Elevation Detail - Guard Rail Assembly at End of Rail  
1 1/2" = 1'-0"



3 Plan Detail - Perforated Guard Panel at End of Railing  
3" = 1'-0"



2 Guard Panel Edge Detail  
12" = 1'-0"



1 Section Detail - Stair at Landings  
3/4" = 1'-0"

RFI No.	ASD No.	Ref. Drawing No.
Date		Sketch No.
05/30/14		Project No.
		38814.00
		ASK 05

Notes:

1. Miscellaneous Metals contractor to verify in field all dimensions prior to railing fabrication.
2. Miscellaneous Metals contractor to retain MA registered professional engineer for all railing load calculations. Miscellaneous Metals engineer to maintain all dimensions and clearances per MA state building code, typ.
3. All Welds to be ground smooth, typ.







# Yale Energy Sciences Phase2

Ellenzweig, 2019

Repurposing of archival space to a sciences development lab

A place for the development of energy production and storage, the Yale Energy Sciences Institute is located on the West Campus in Westhaven, Connecticut. The work by the team at Ellenzweig is in continuation of work for the department with the intention of expanding the facility without disconnecting from the earlier phases of the Energy Sciences Institute.

- Production and assembly of Enhanced Schematic Design drawings for pricing
- Development and modeling of design options under the direction of principals at Ellenzweig, including management of materials and production of renderings using Enscape for Revit.
- BIM Management and Coordination, reconciliation of conflicts within models from all design disciplines.
- Replication of details from earlier phases based on both construction drawings and reviewing records of products submitted for approval during their construction.



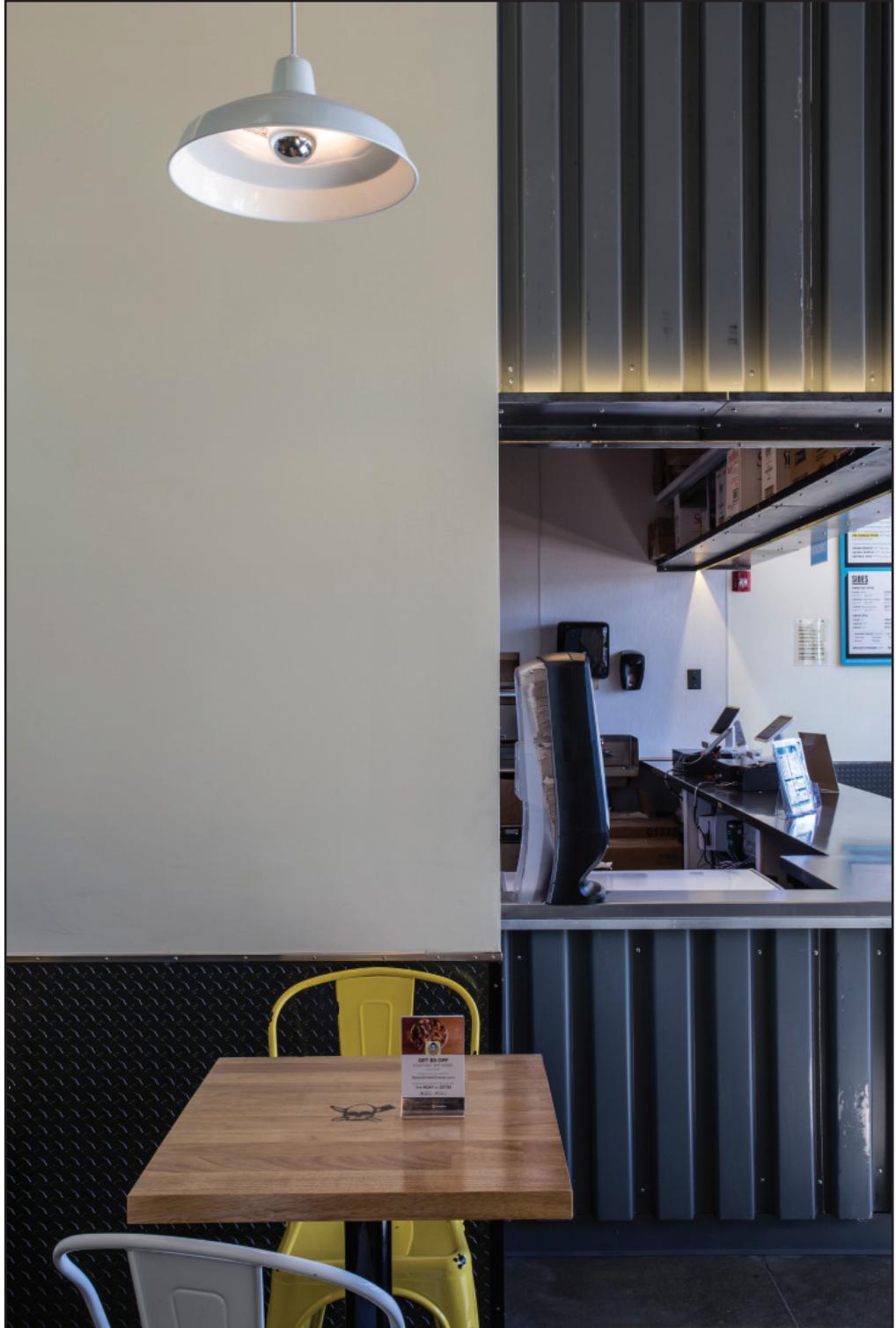


# Roxy's Grilled Cheese

Joe The Architect, 2016  
Restaurant Commercial Fit-Out

As the first tenant in a space of the new shopping center in Lynfield, MA, the Roxy's Grilled Cheese restaurant had a design freedom that could work with elements of the restaurant's tried and established aesthetic and thematic approaches of a raw, industrial, and playful approach to the experience of lunch in a fun place.

- Project Architect for production of design and construction drawings
- Construction Administration









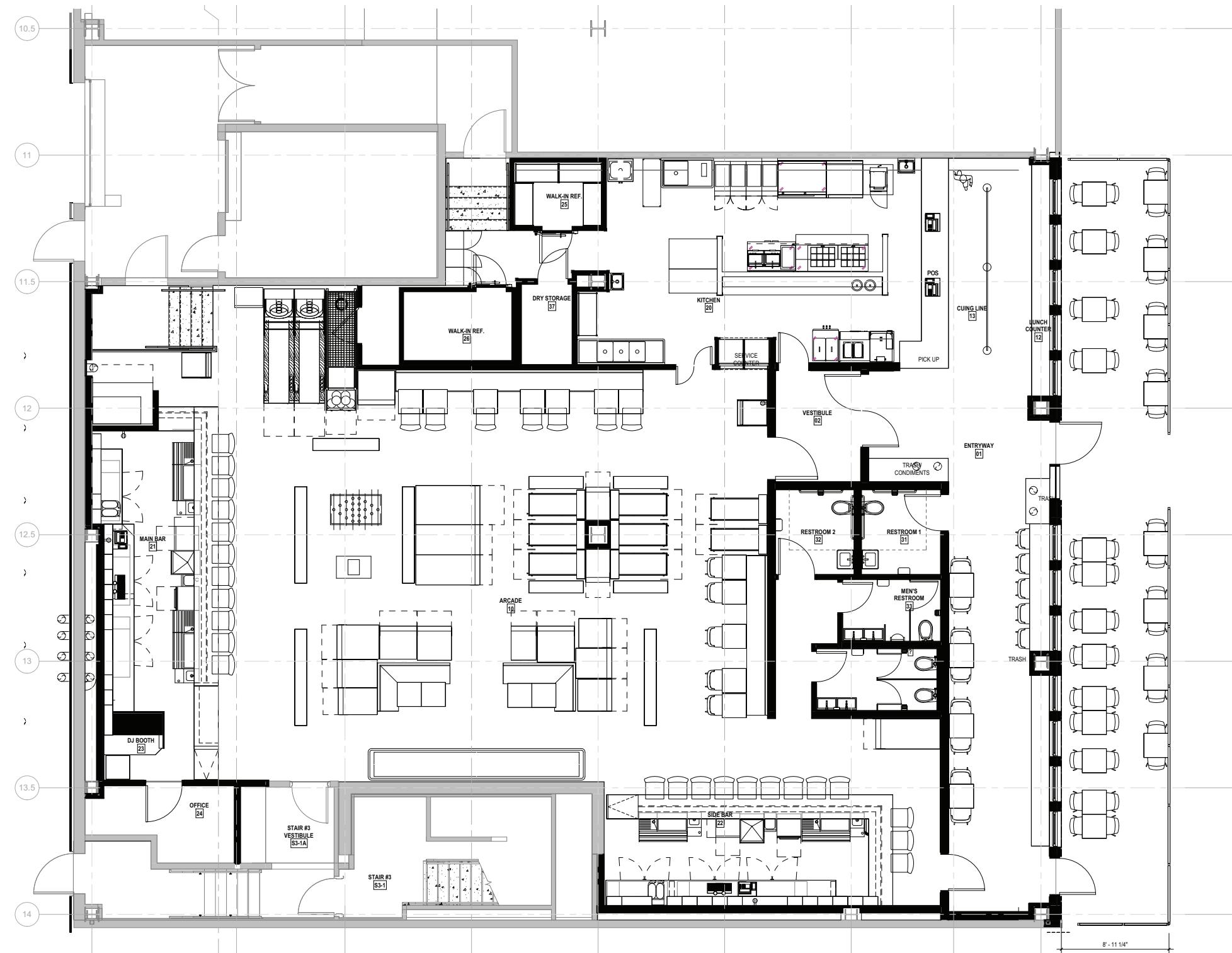
# Roxy's and Area IV A4cade

Joe The Architect, 2016

Restaurant and Video Game Arcade - Commercial Fit-Out

As the first tenant in a recently completed mixed-use building on a main street through Cambridge and Boston, the A4cade is a joint venture by two local foodservice establishments, Roxy's Grilled Chees and Area 4. With the casual lunch restaurant as the gatekeeper, access to the arcade and bar space is via a walk-in refrigerator vestibule. Inside, patrons can find 2 bars and video game cabinets, pinball, and skiball.

- Project Architect for design development
- Production of design and construction drawings
- Construction Administration













# 3rd Unit

Corpus Nova Architecture, 2018  
Conversion of attic space

The vertical expansion of a 2-family building for conversion to a 3-unit multi-family in Chelsea, Massachusetts was accomplished with structural updates to the attic space and reconfiguration of the roof with full-width shed dormers. Some key issues for the project included zoning variance for parking requirements of the project versus the capacity of the site.

- Project Interview
- Design Options
- Construction and Permitting Documents
- Zoning Variance



Existing Exterior



Options Development

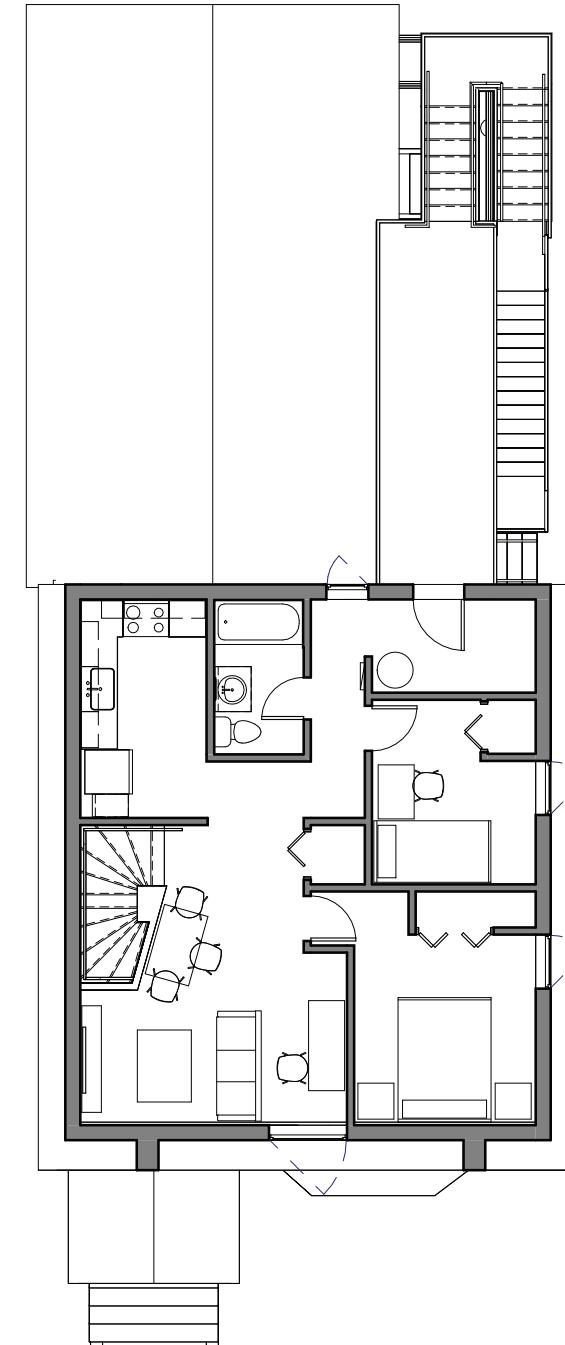
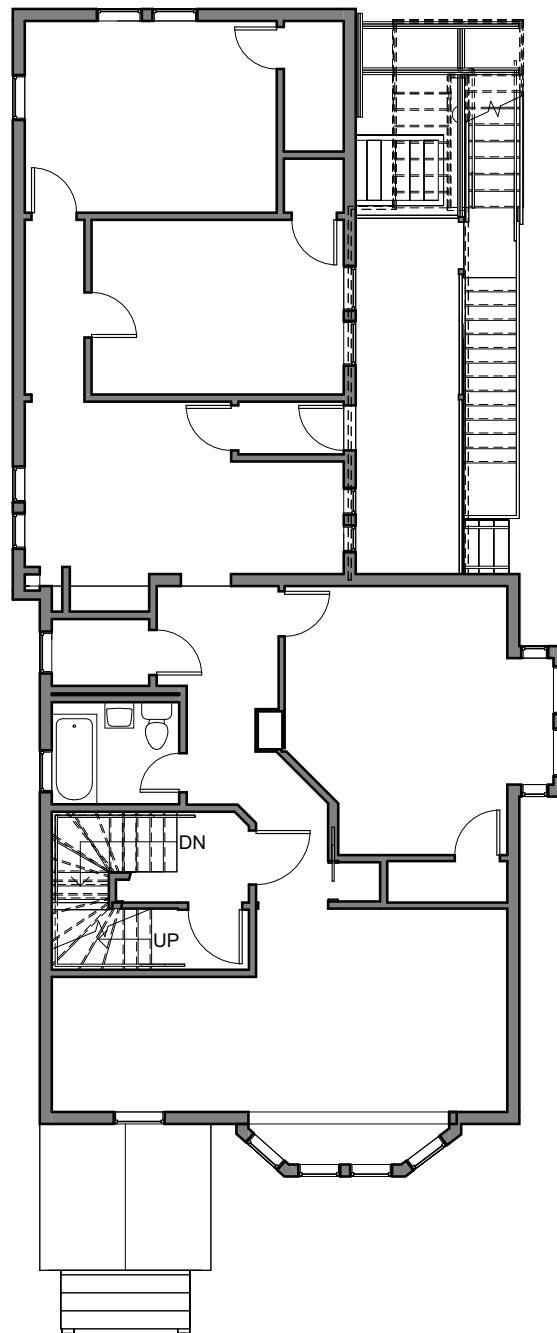


Existing



New





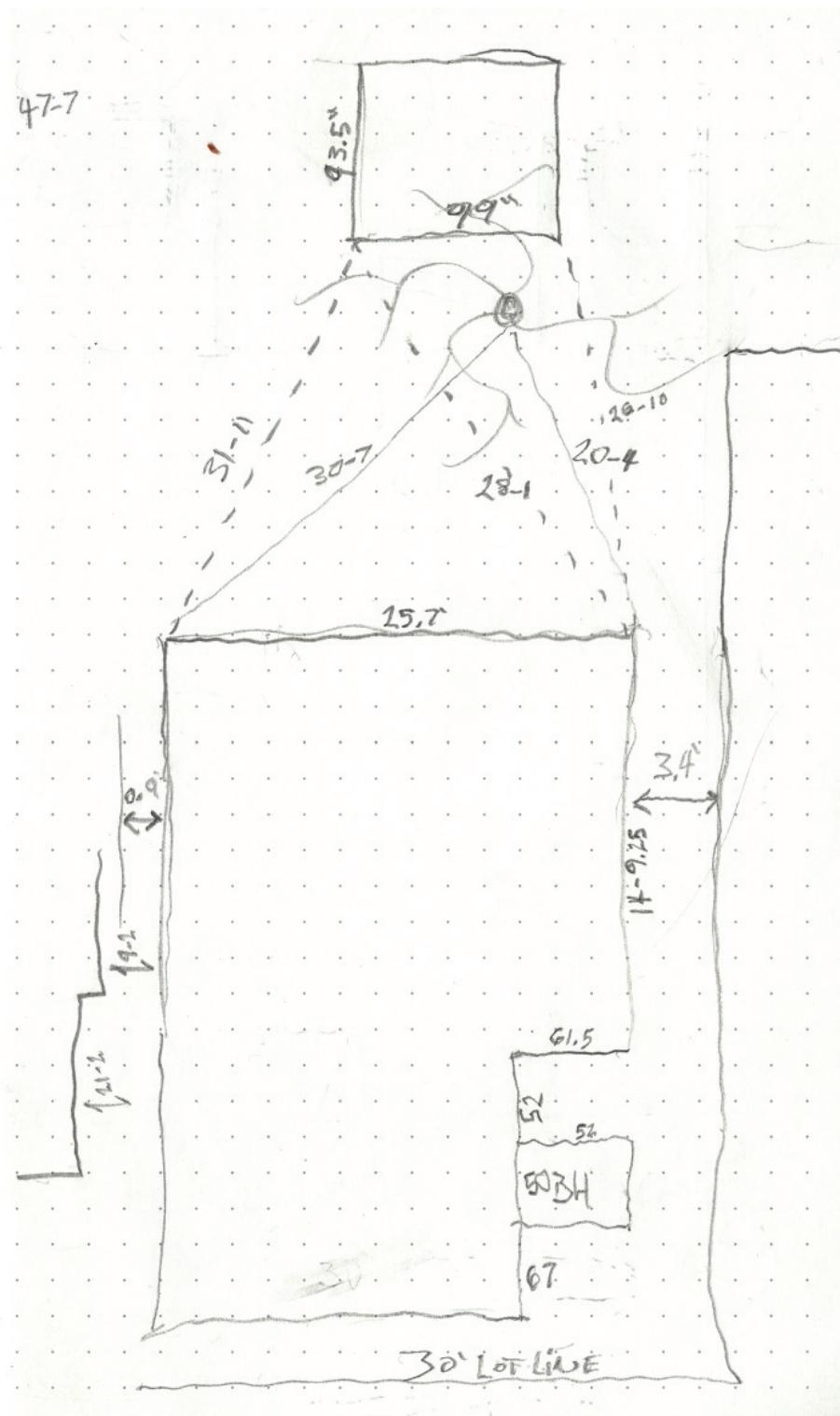
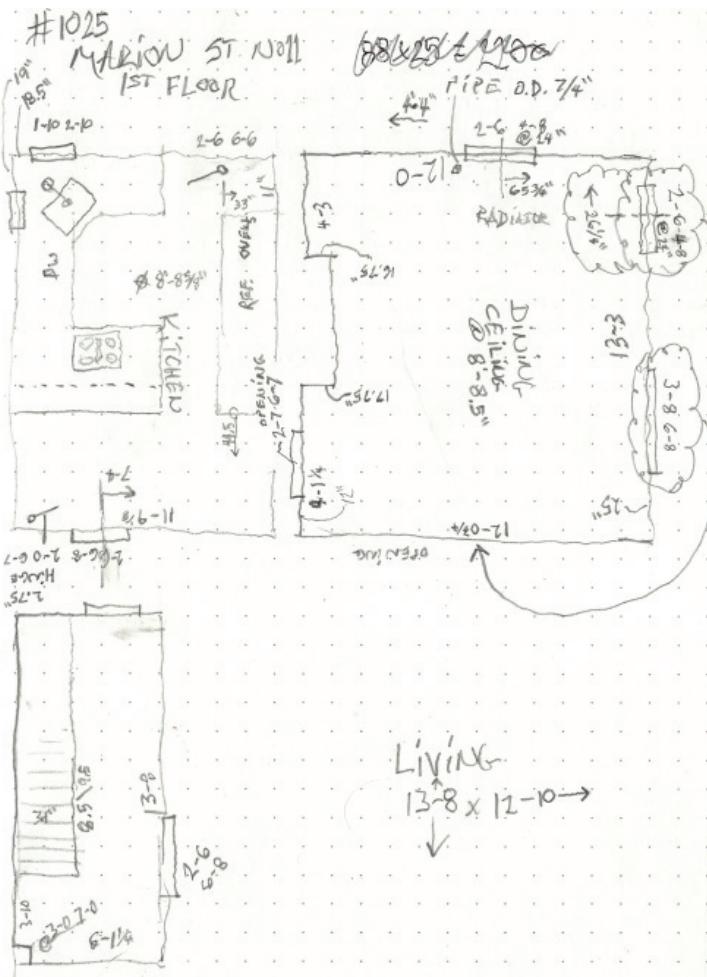
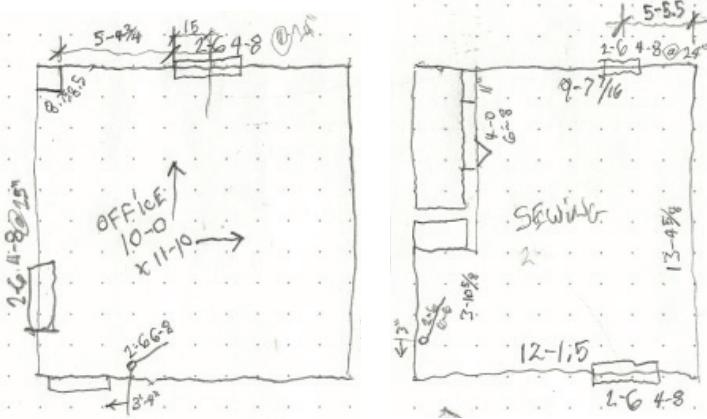
# 2nd Bathroom

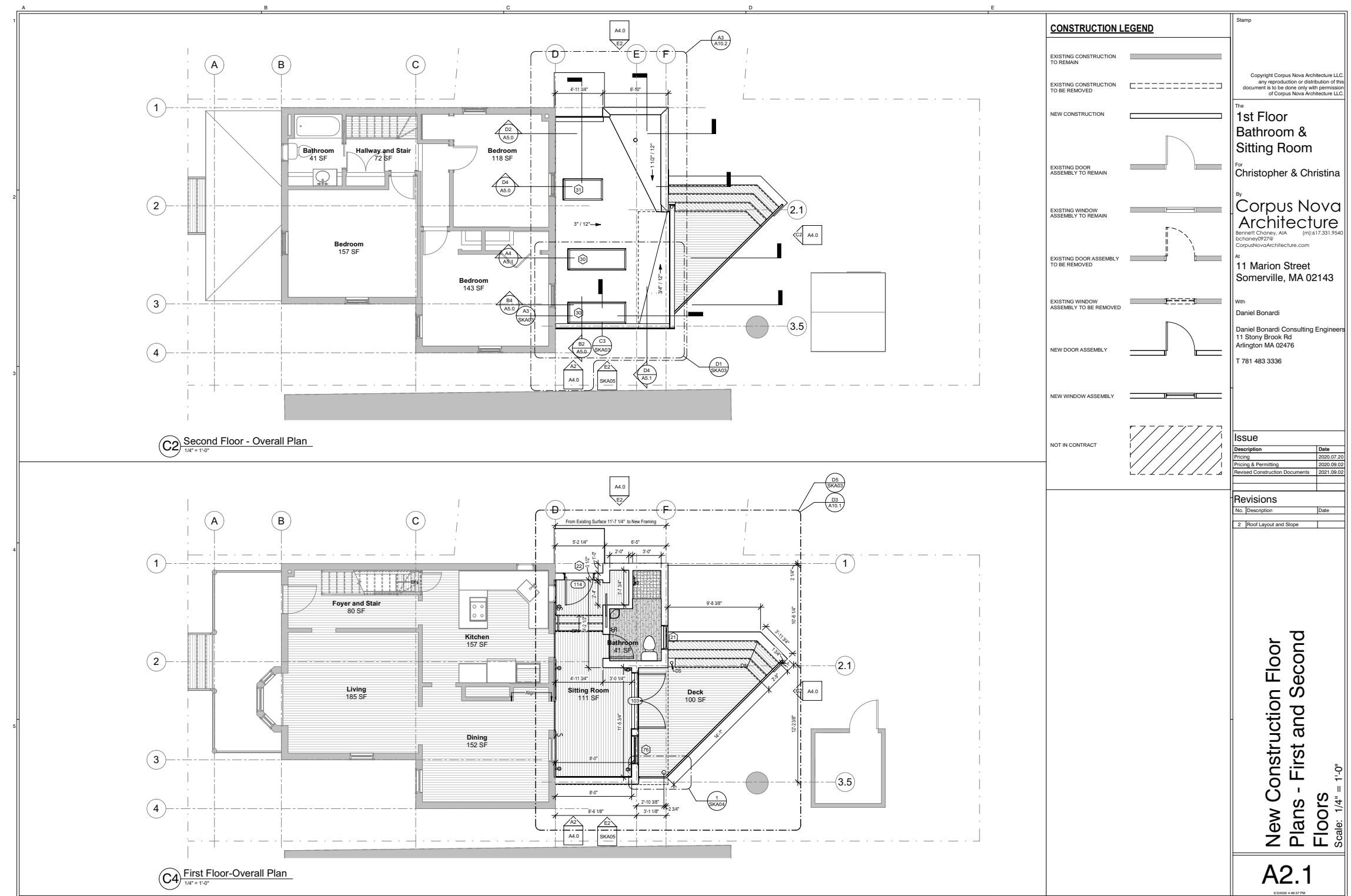
Corpus Nova Architecture, 2022  
Residential Addition

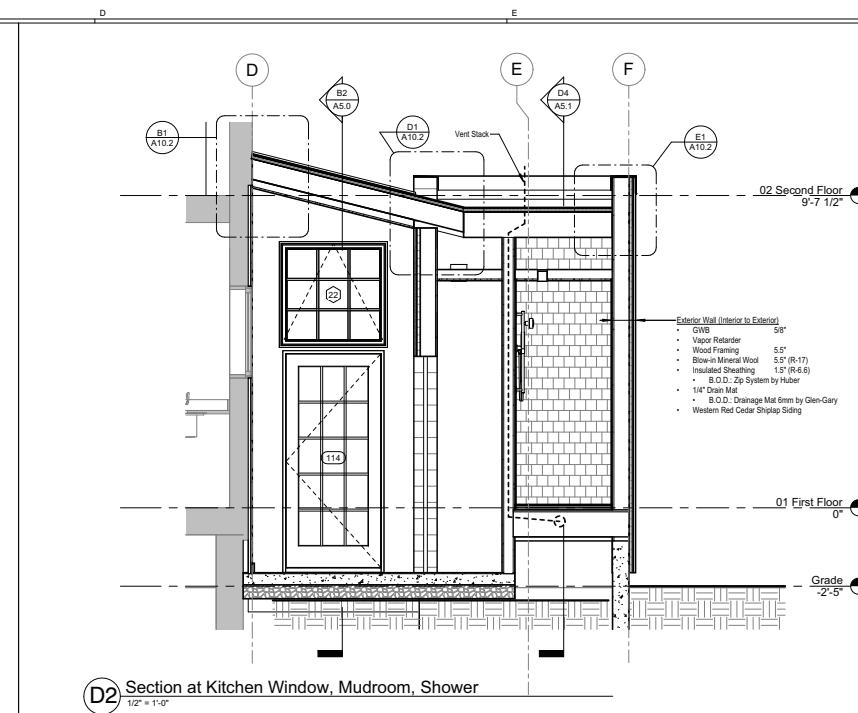
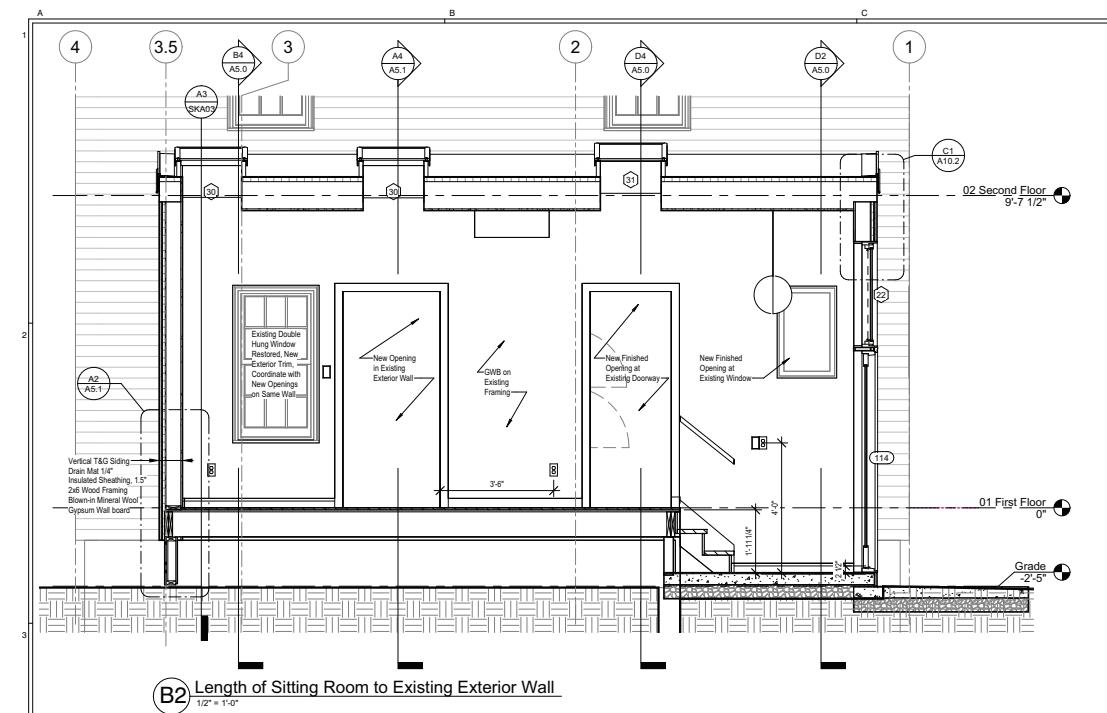
A 3 bedroom house in Somerville, MA was in need of a 2nd bathroom. It was decided by the owners to expand the first floor of their house to include the new bathroom in addition to a sitting room and a new deck. One of the key drivers of the design was the maintenance of open space around a 28 inch Norway Maple in order to avoid compromising the health of the tree.

- Project Interview
- Design Options
- Construction and Permitting Documents
- Negotiation with Zoning Officials
- Observation of Construction

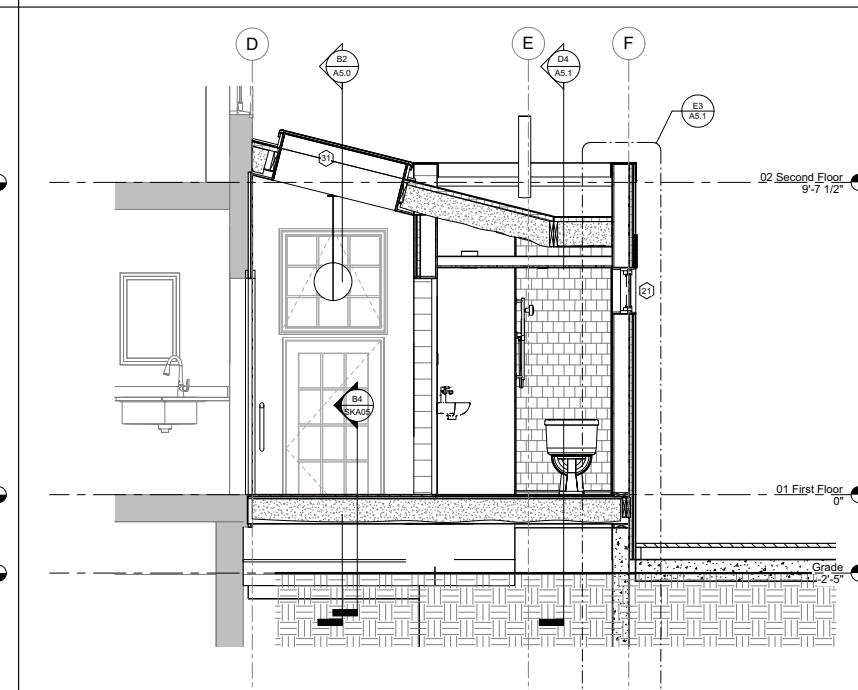
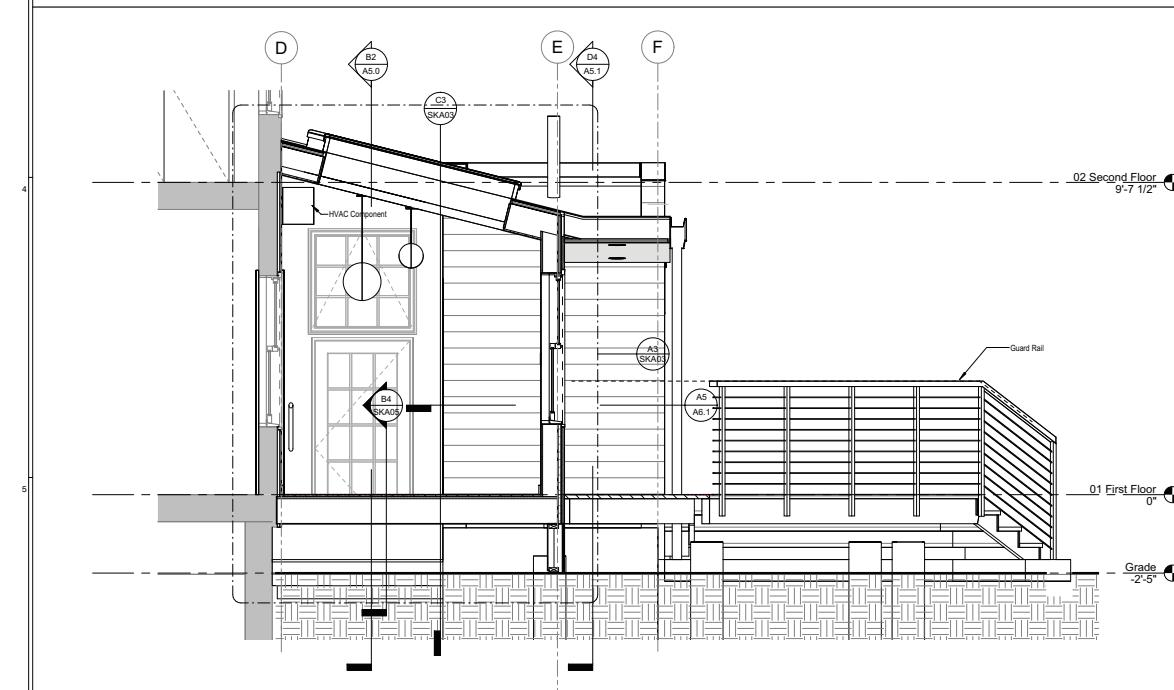








**Building Sections**  
Scale: 1/2" = 1'-0"



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**The 1st Floor**  
**Bathroom & Sitting Room**

For Christopher & Christina

By Corpus Nova  
Architecture

Bennett Chaney, AIA (m):617.331.9540  
bchaney@corpusnova.com  
CorpusNovaArchitecture.com

At 11 Marion Street  
Somerville, MA 02143

With Daniel Bonardi

Daniel Bonardi Consulting Engineers  
11 Stony Brook Rd  
Arlington MA 02476

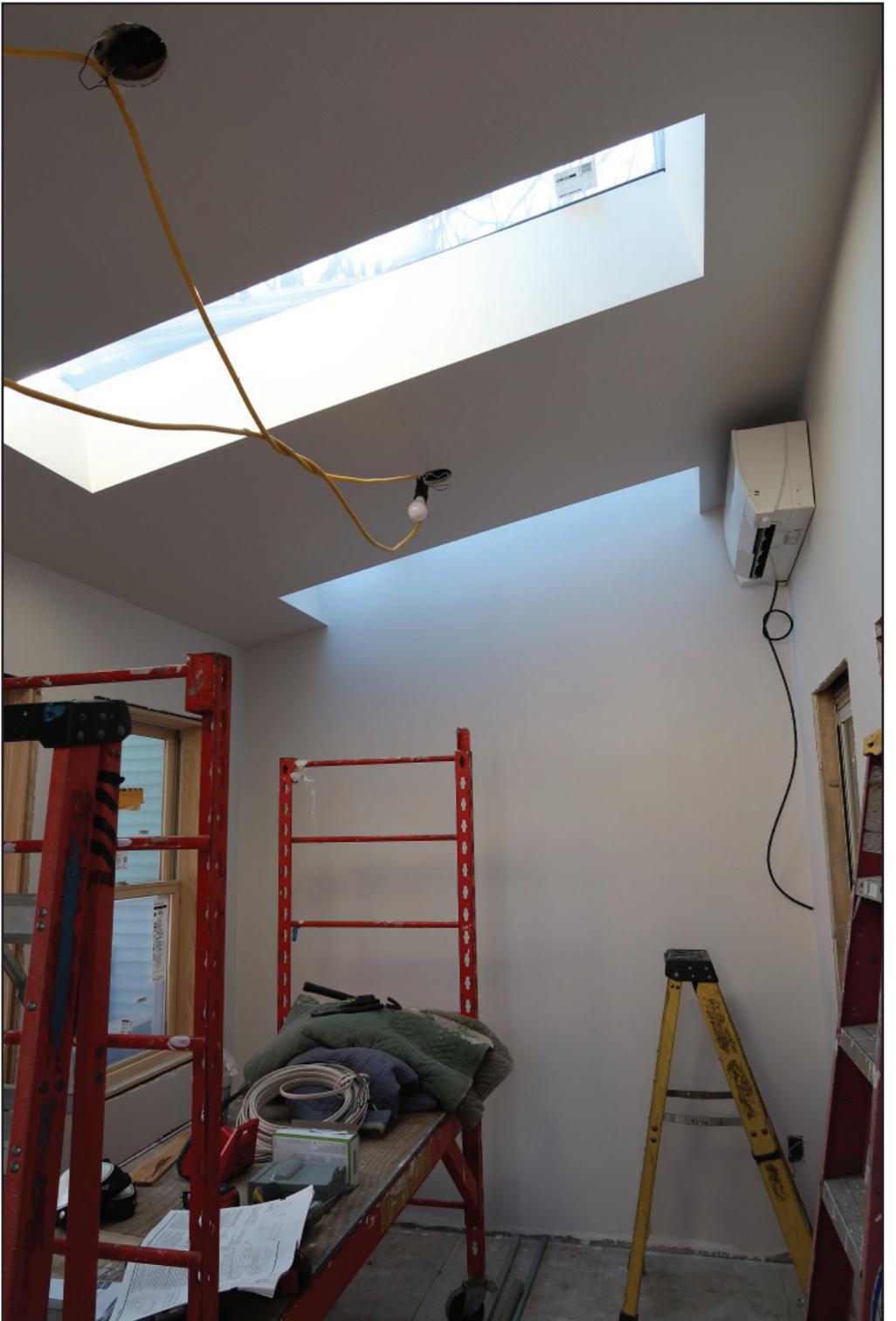
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Issue		
Description	Date	
Pricing	2020.07.20	
Pricing & Permitting	2020.09.02	
Revised Construction Documents	2021.09.02	

Revisions		
No.	Description	Date







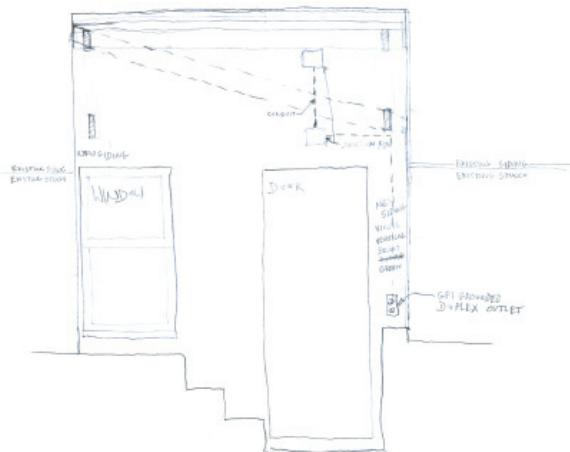
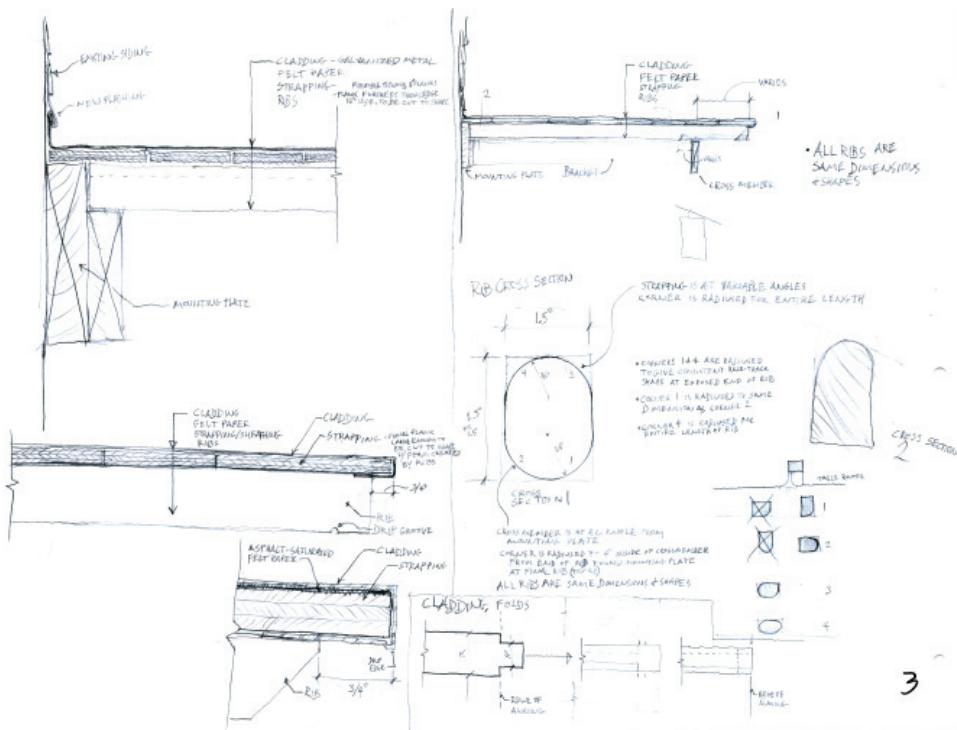
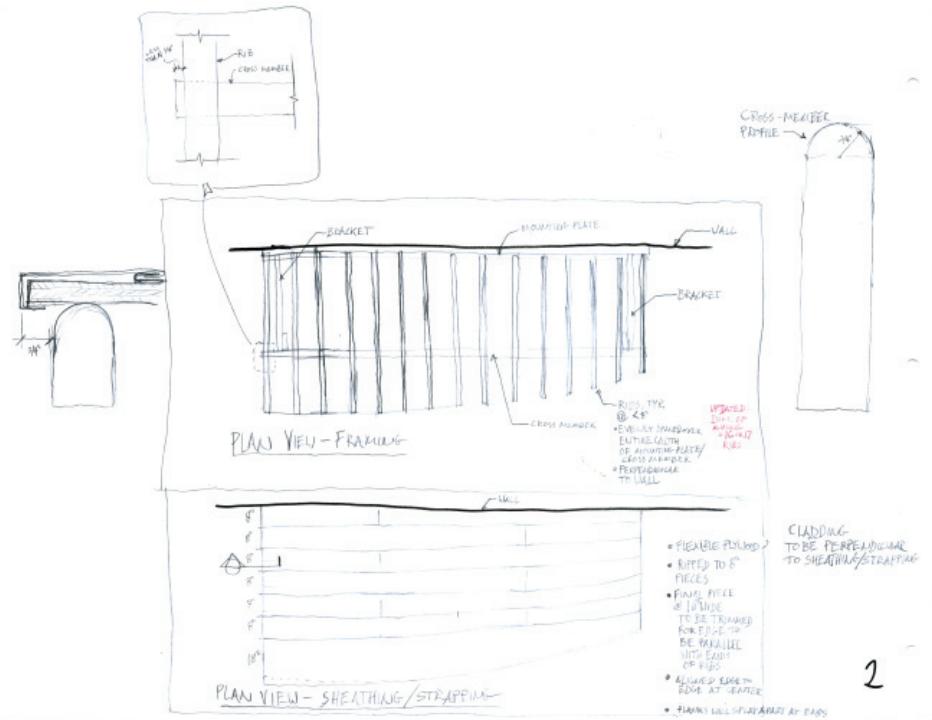
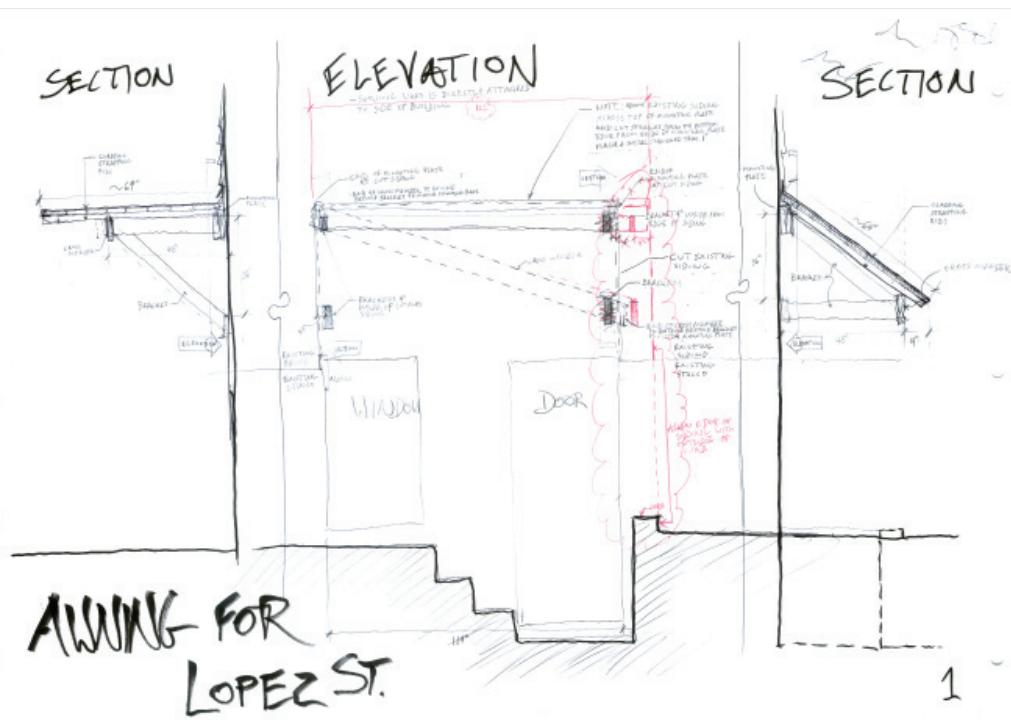


# Residential Awning

Personal Work, 2014  
Awning

A single bedroom condo in Cambridge, MA was in need of cover at the main entrance. The form of the awning is based on a 3-4-5 triangle with a flipped orientation at beginning and end. The form between them is a ribcage with skin that is positioned to take advantage of the path of travel down the stairs

- Design Development
- Assembly Prototyping
- Custom Detail Component Production
- Observation of Installation



## SECTION

# ELEVATION

## SECTION

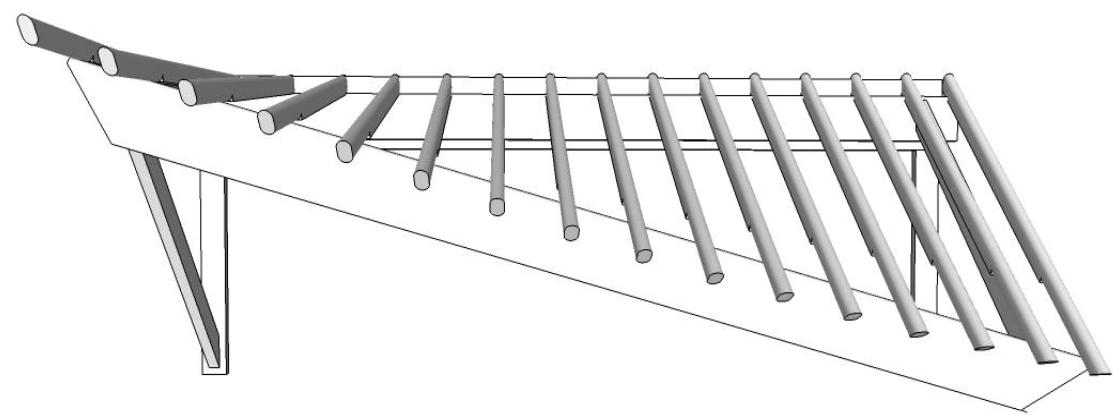
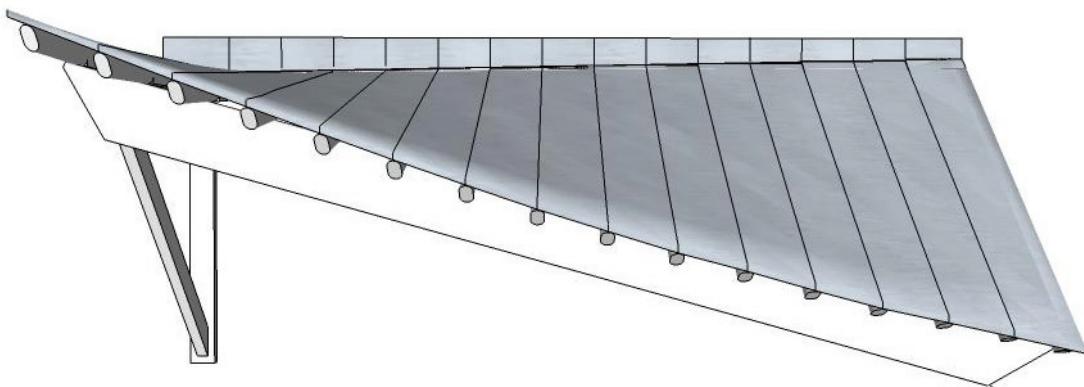
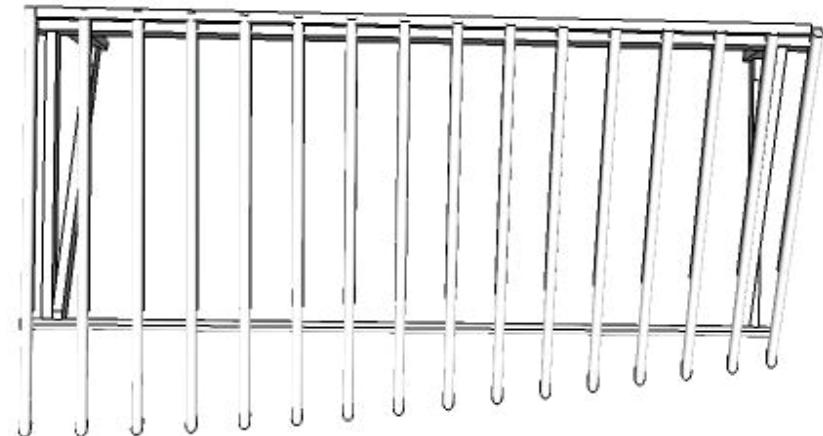
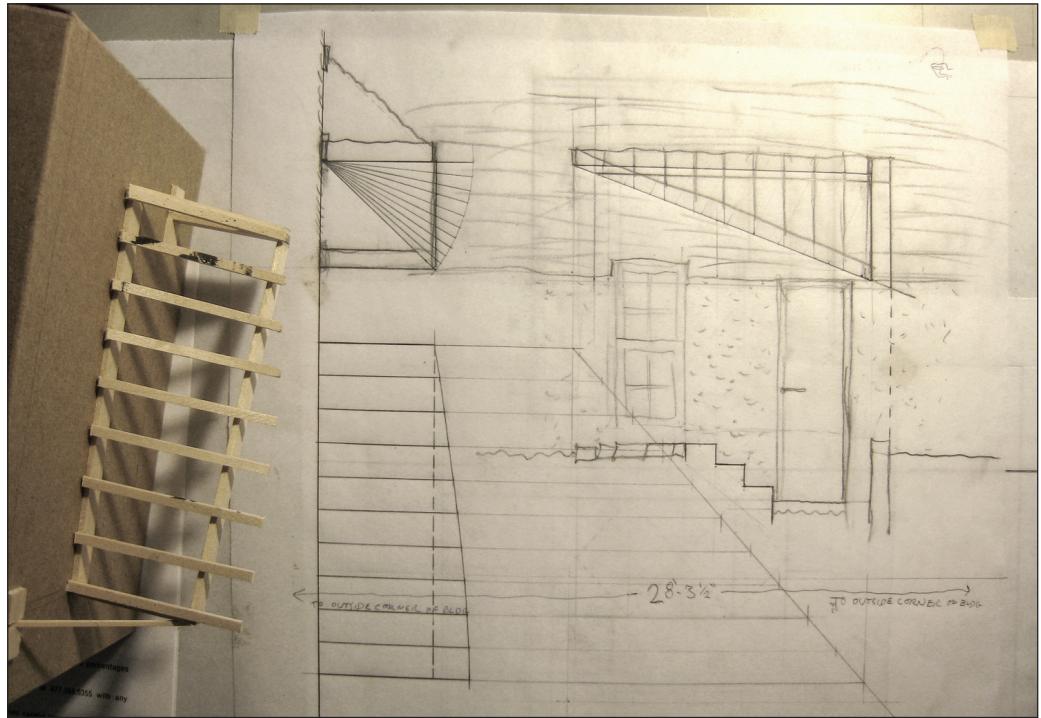
AWNING FOR  
LOPEZ ST.

1

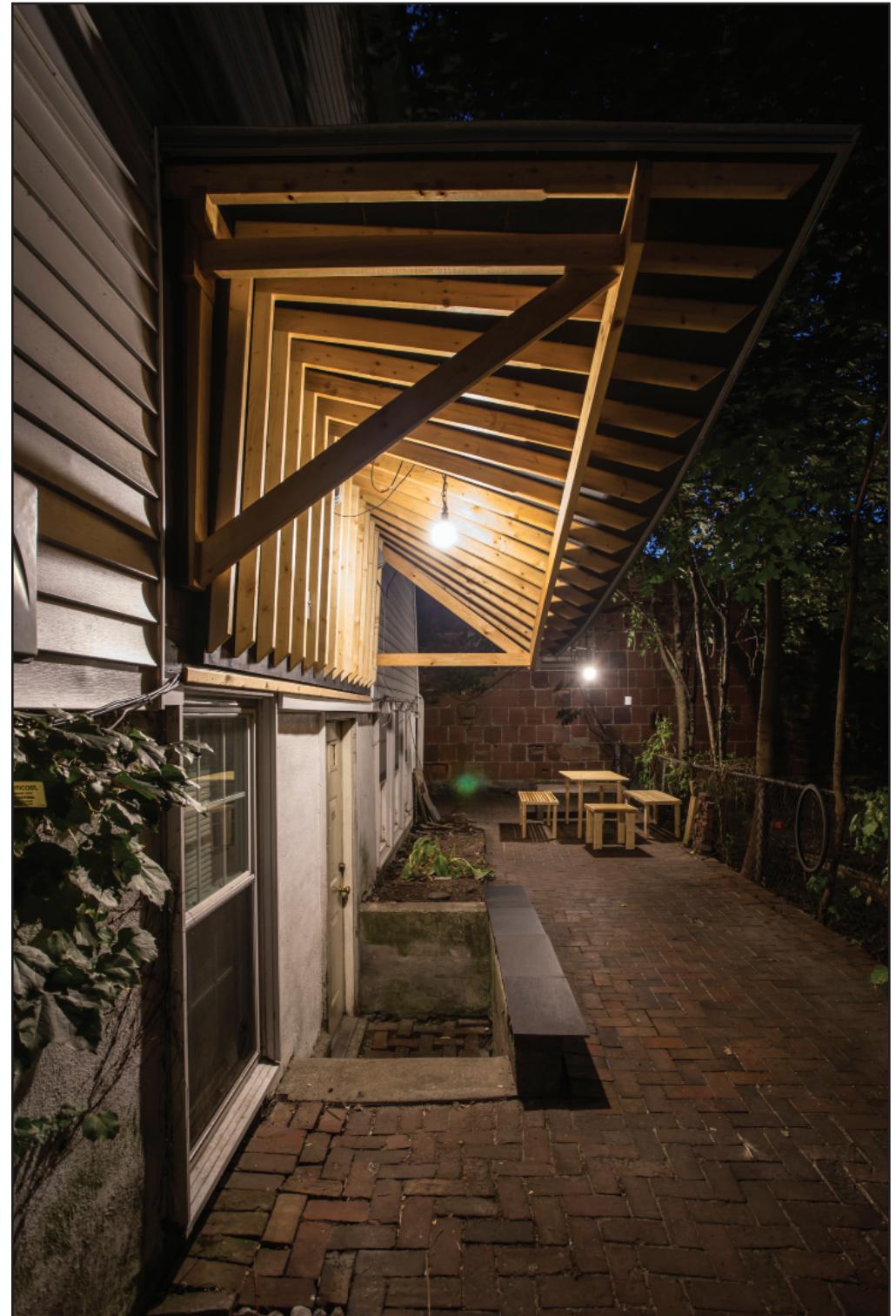
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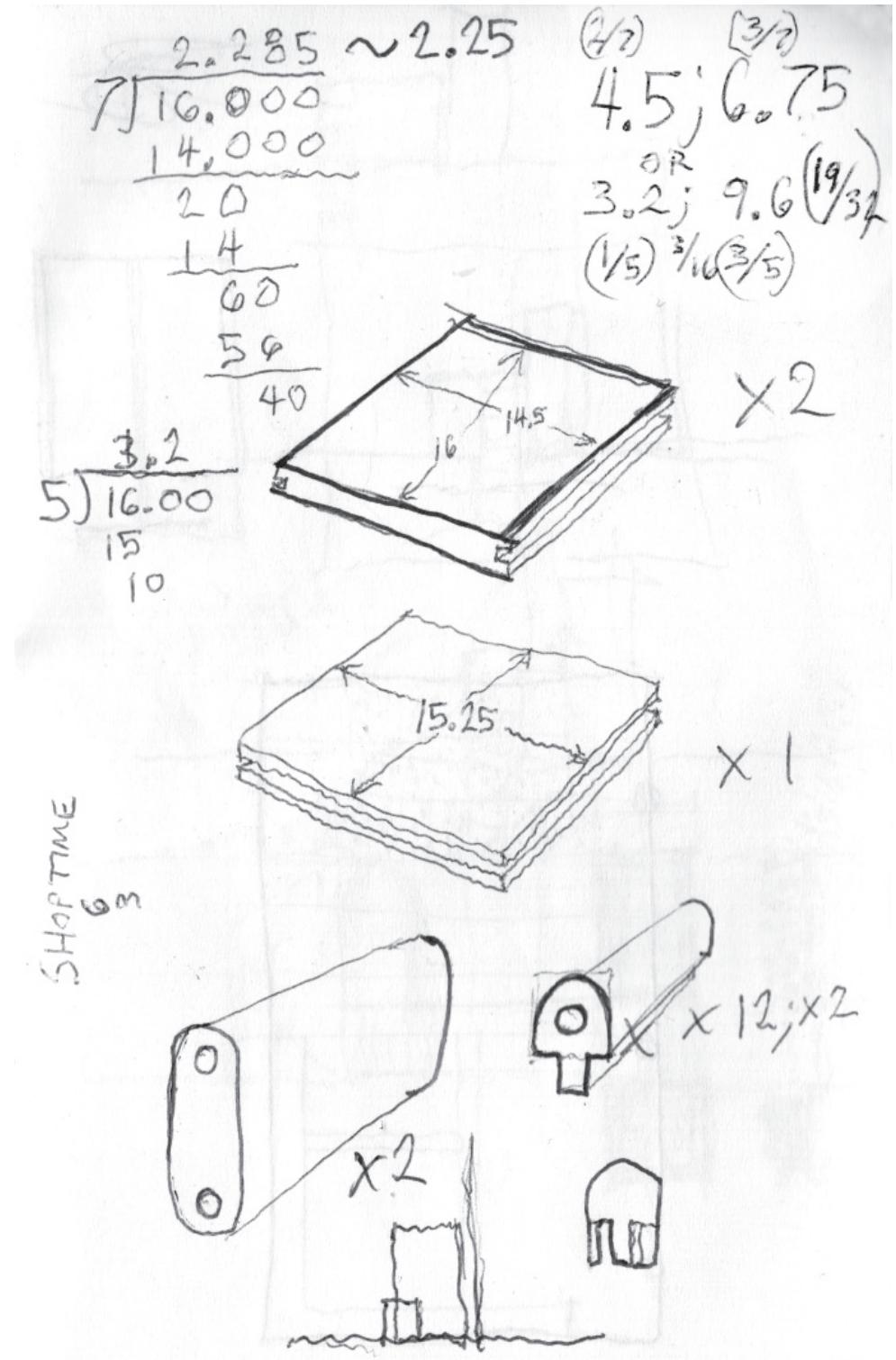
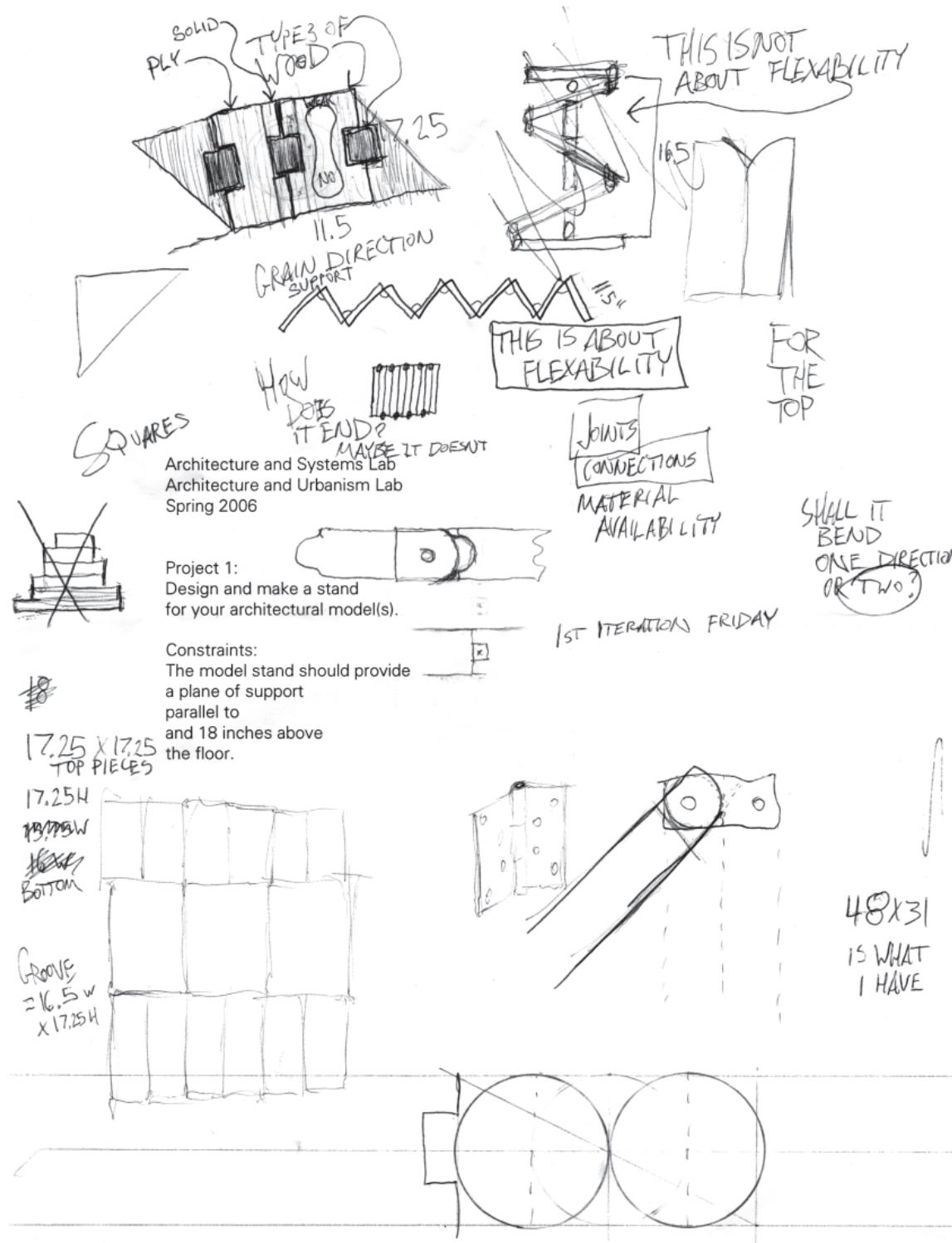


# The Coffee Book Table

Personal Work, 2006, 2010  
Furniture

The Coffee Book Table began as a solution to a design assignment in graduate school and was further developed after finding a wood shop with a community workspace.

- Design
- Production Process Development
- F 2 dozen made to date



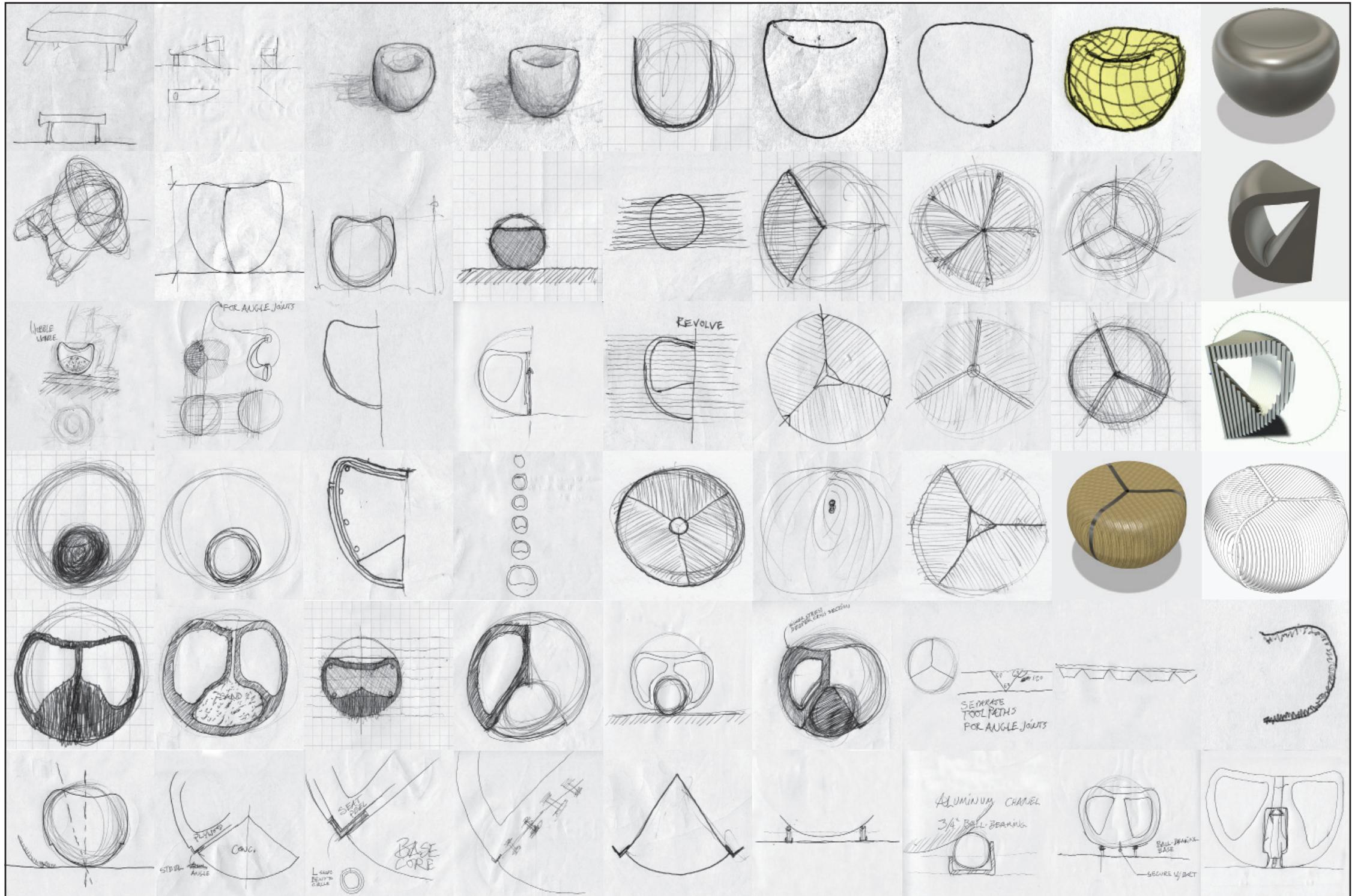


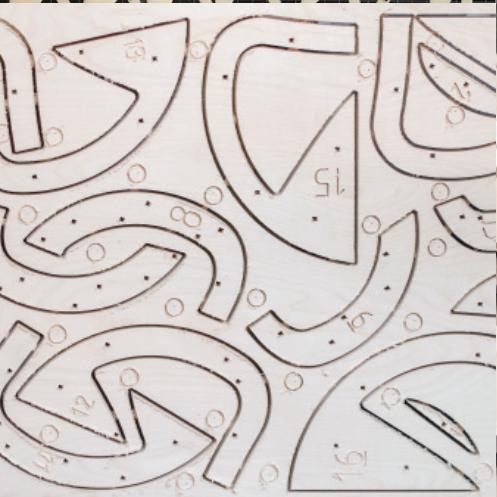
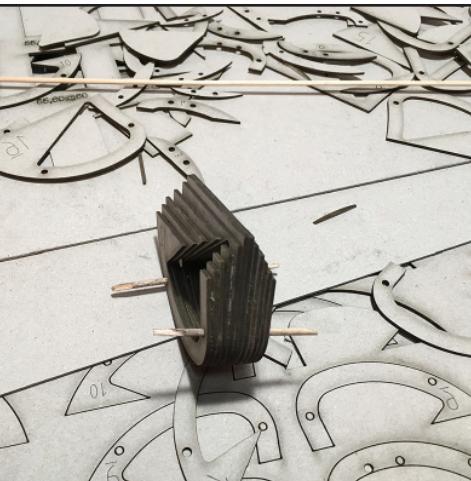
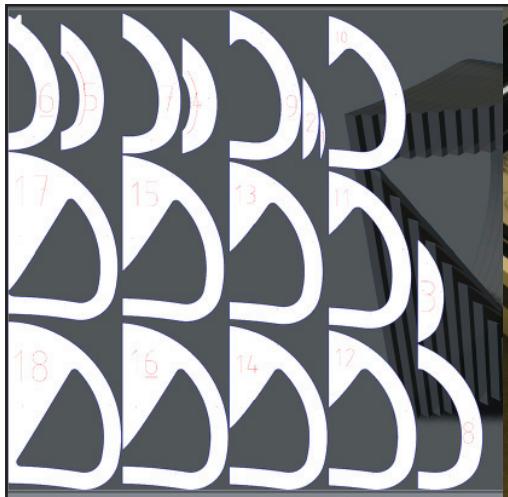
# The Wobblemelon

Public Seating Competition Entry, 2018  
Furniture

The Wobblemelon was initially developed as an entry to the Street Seats design competition but became its own project.

- Design
- CNC Fabrication
- Assembly









# The Rindscreen

Personal Work, 2019

Upcycled CNC Stock Material

When producing the Wobblemelon, it was determined early on that

- 1: I use as few sheets of plywood as possible, and
- 2: that the leftover material would be able to serve a purpose.

With this in mind, after the pieces for the Wobblemelon were sized using the Slicer plugin for Fusion 360, the .dwg was rearranged in Illustrator to fit a 30" x 60" sheet of 12mm baltic birch plywood with a layout that could be reoriented on itself in multiple ways to give an interesting composition.

- Design
- CNC Fabrication



