



EMMA WOOD

In the Design Studio

The Red Dot School

Sagishima, Seto Inland Sea, Japan - Design-build intensive, 2025
with Mahjong Biscuit - joinery and reconstruction studies

Bowling Green Residence

Costa Mesa, CA - Personal Study - Future Build - 2026

Rialto Logistics Center - *Work Sample*

Rialto, CA - Bastien and Associates - Construction Documents, 2026

Private School Commons Building - *Work Sample*

Orange County, CA - Bastien and Associates - Construction Documents + Construction Administration, 2024-2025

Industrial Park - *Work Sample*

Lake Forest, CA - Bastien and Associates - Design Development, 2026 - 300,000 SF

Skinny Tall Timber Urban Tower

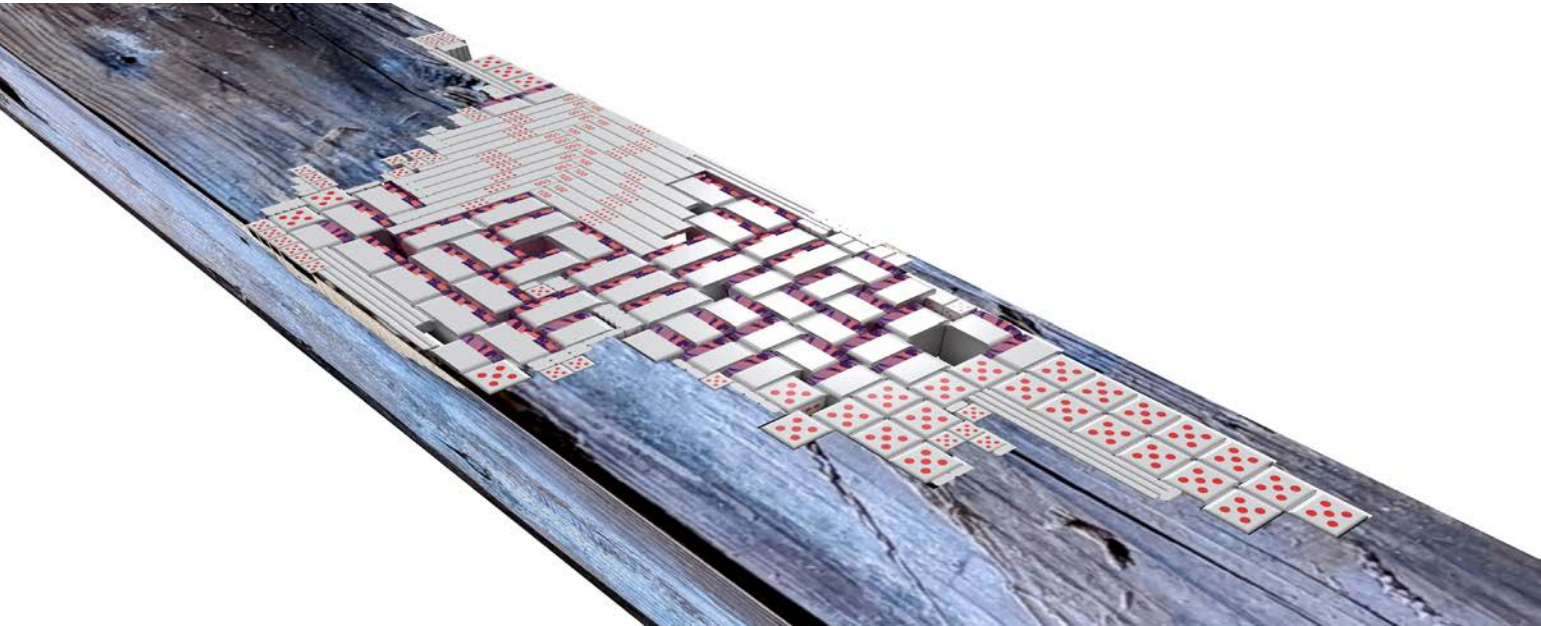
San Francisco, CA - Architectural Design Studio, Fall 2023 - Critic: Mark Anderson

Photography

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Mahjong Biscuit
Continued research through The Red Dot School.

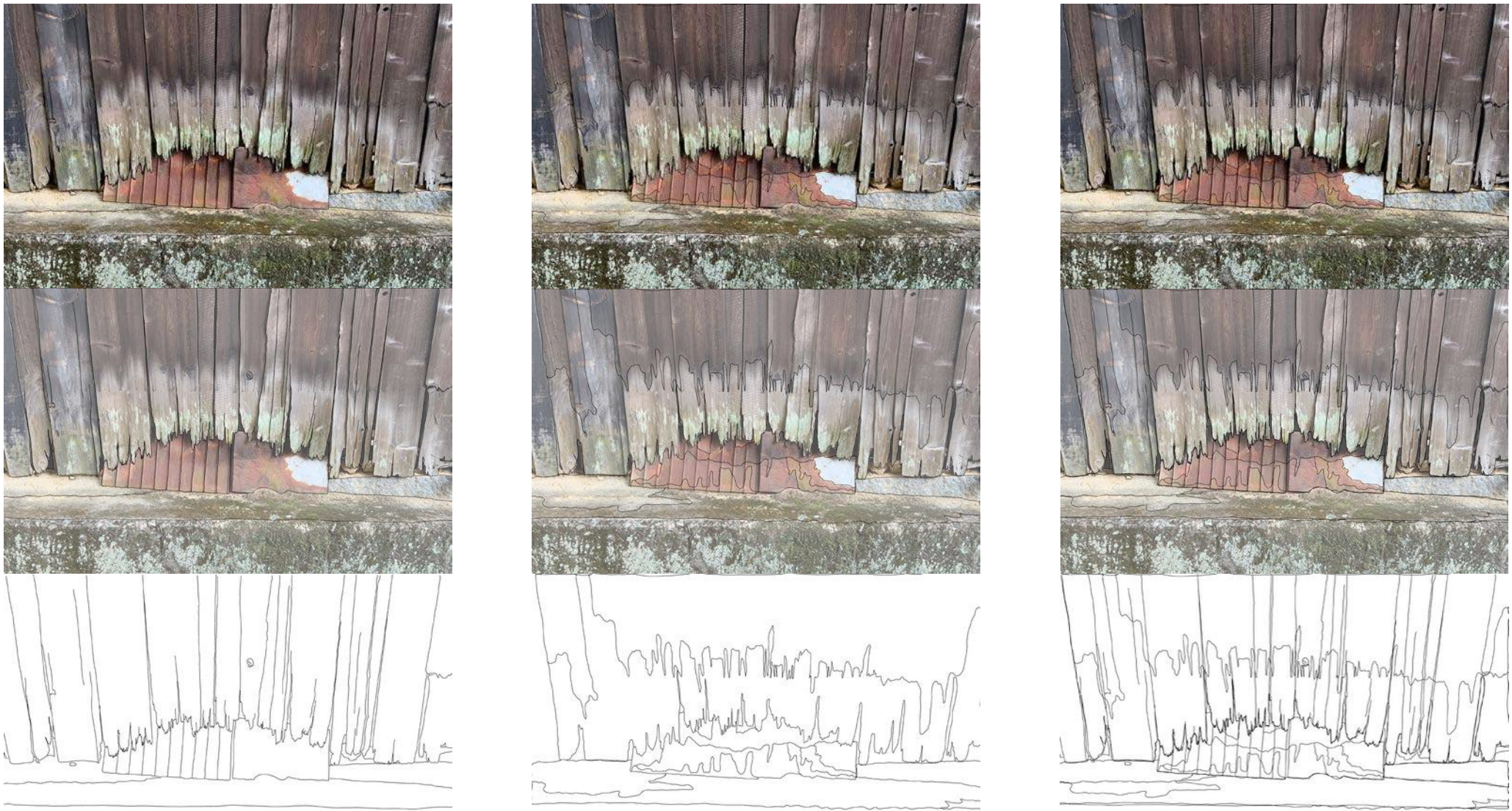


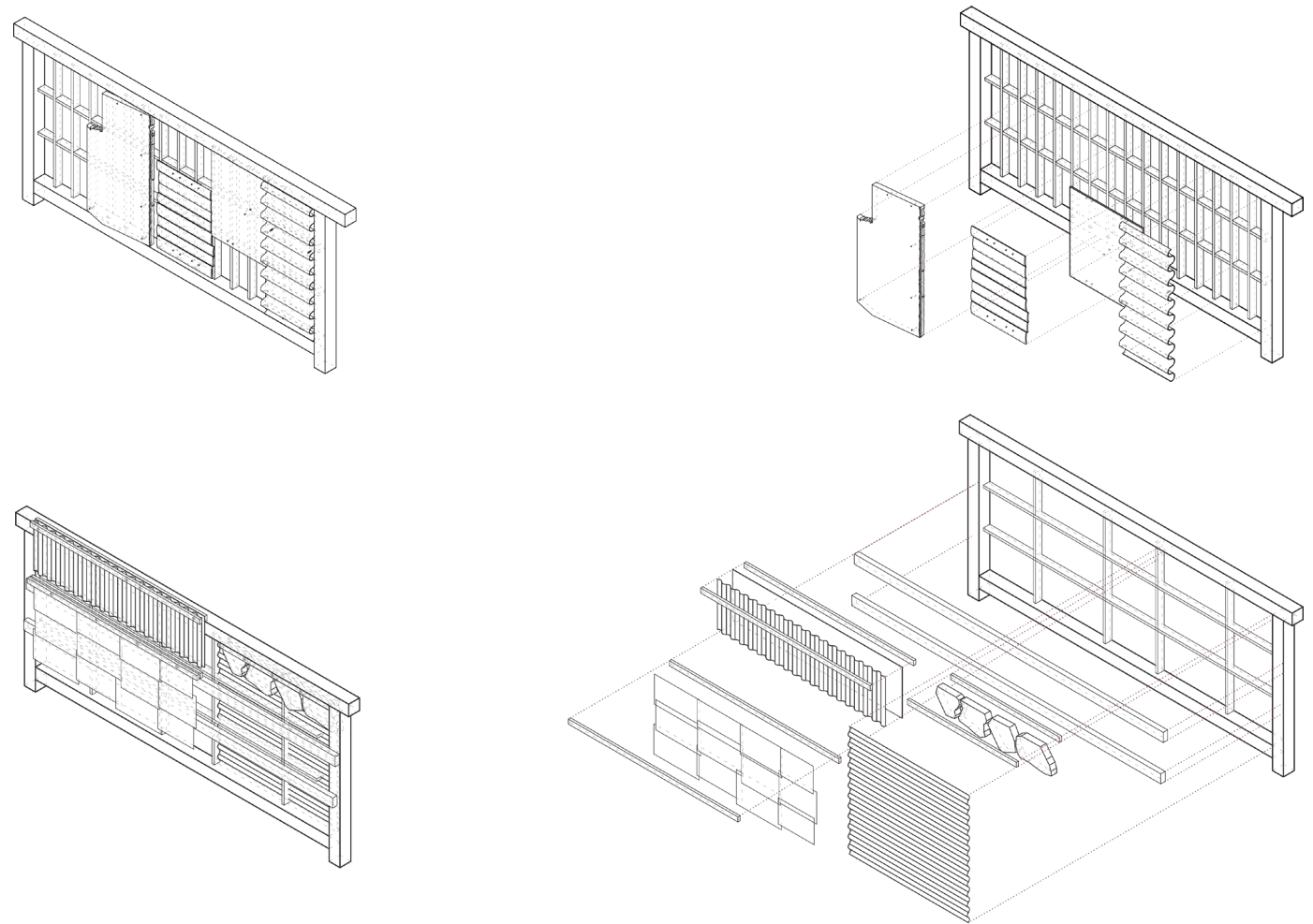
The Red Dot School
Sagishima, Mihara, Japan

Collaborated on an international design-build team as one of two English speakers to conceive and construct a wall installation symbolizing reconstruction and material reuse; navigated language barriers to communicate design intent and translate shared ideas into a built, physical project.

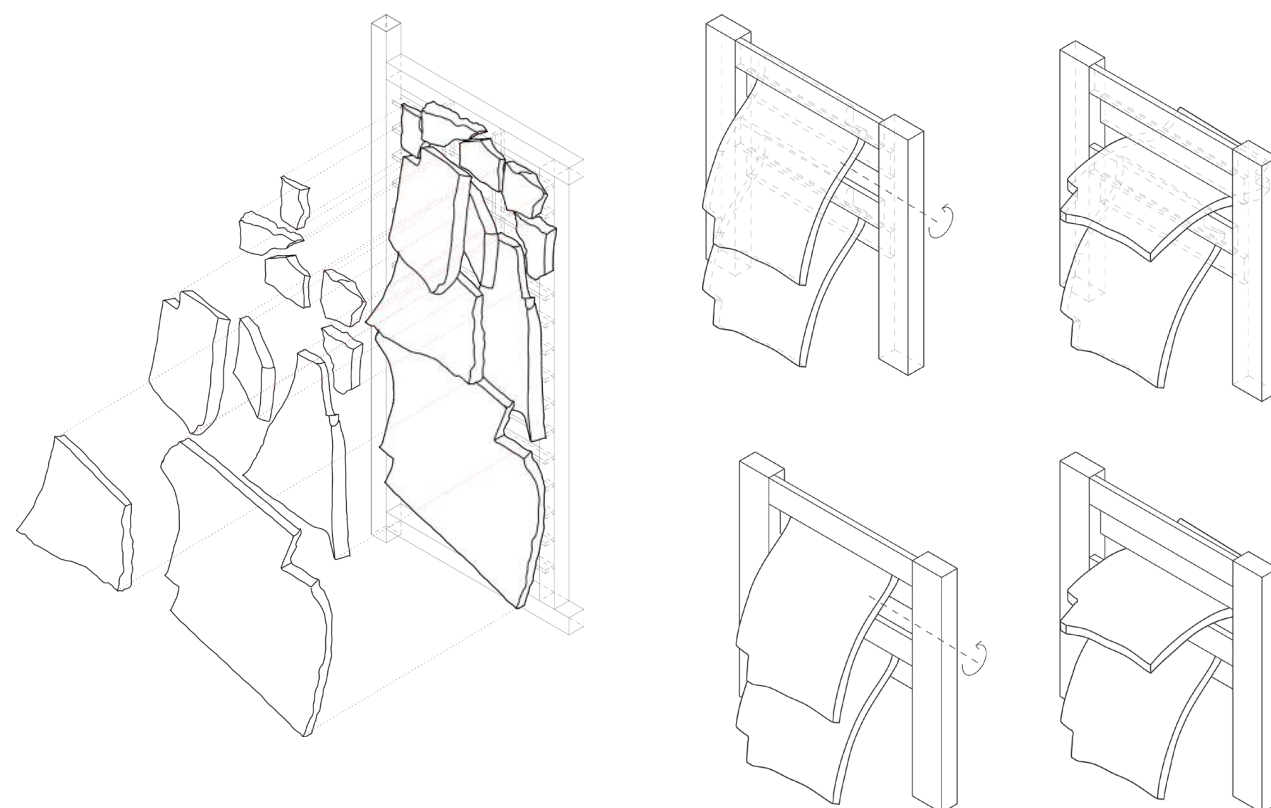
Source photo below was taken walking through the local town on Sagishima Island of the Seto Inland Sea. An island with a declining population, Sagishima is speckled with instances of reuse, repurpose, and quick fixes. This study was meant to find the lines between what came before, new intervention, weathering, and any boundary in between.

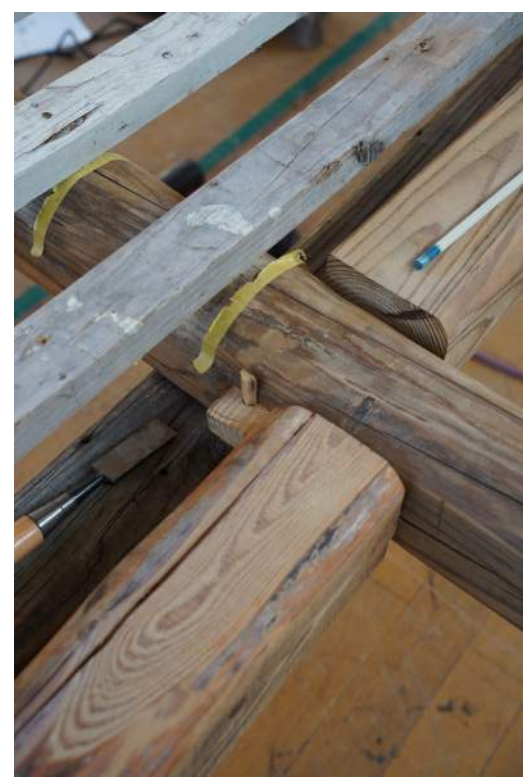
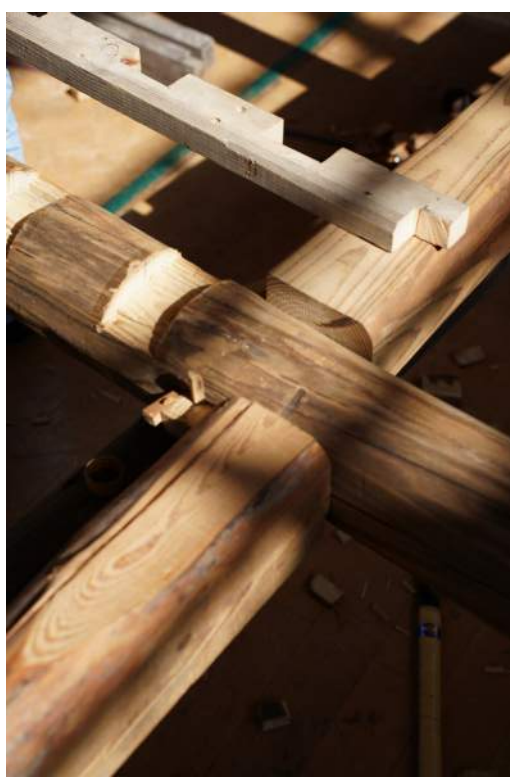
The purpose of this studio explored the boundaries of reconstruction, and it started with this study below.



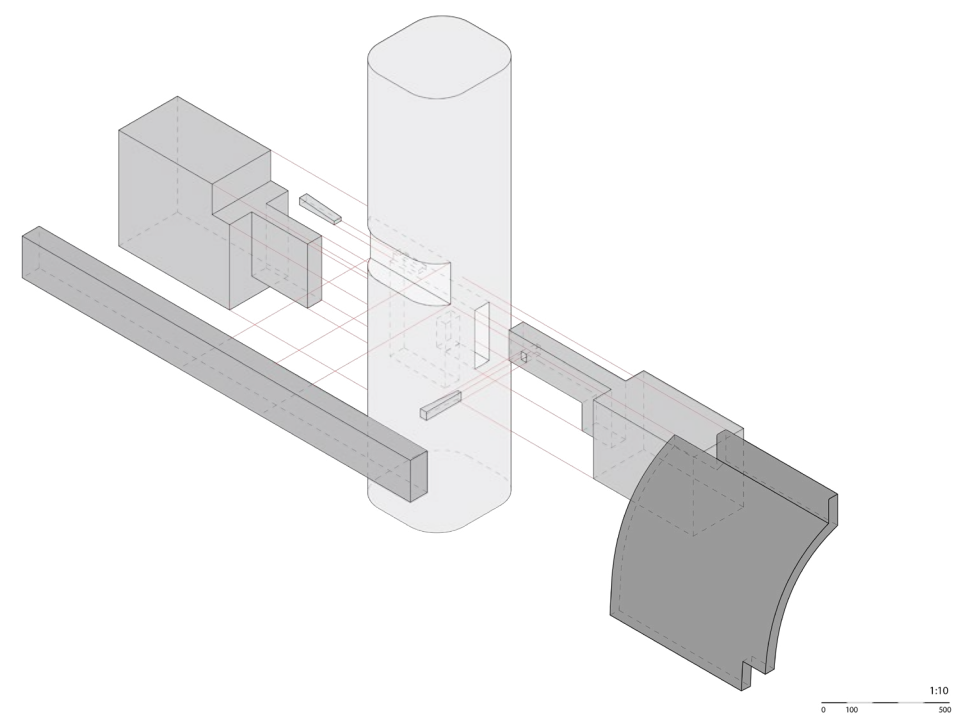


Sagishima's akiya: traditional homes left empty as the population declines, and are full of good timber and good craftsmanship, unattended. Our goal was, and remains, to find new life for them. We worked with reclaimed structural members, Kawara roof tile, and whatever else we found across the island. Without a unifying language, our progress was through trial and error, and numerous physical models, eventually letting the material work for us rather than the other way around.

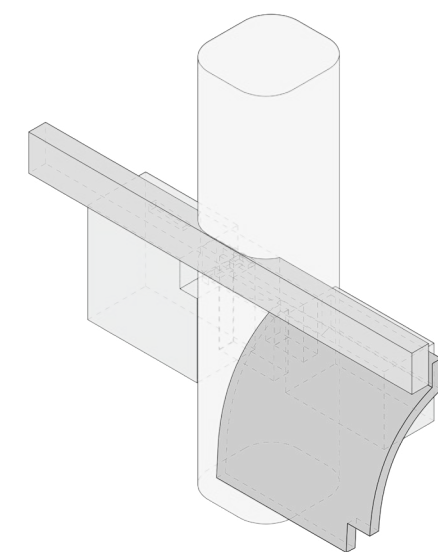




With hand chisels and hand saws, and one electric drill, my team practiced some unconventional joinery and “fix as we go” ideology to ensure our vision could stand.



1:10
0 100 500



1:10
0 100 500



Kawara Wall
8' x 6'



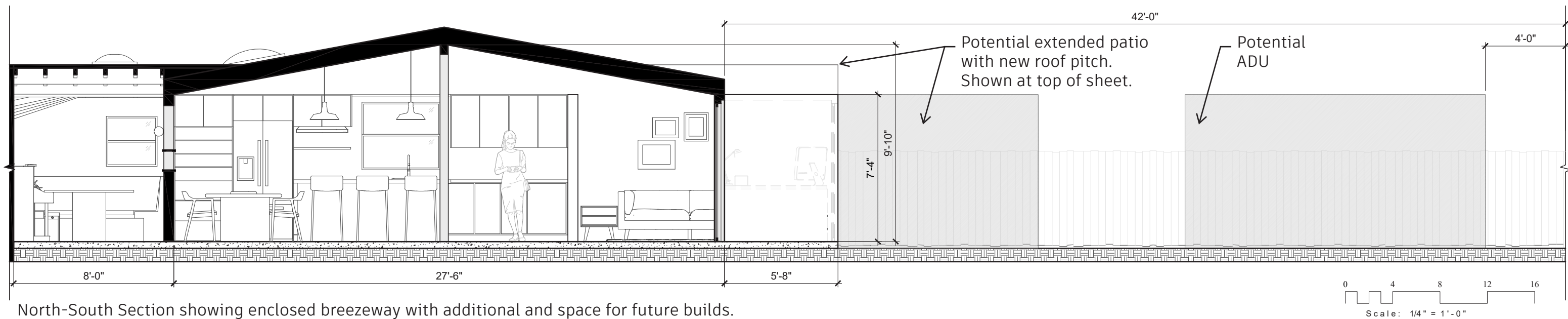
Built in two days, twenty-four hours total, four students, two English speakers, two Japanese speakers, and one vision.

Bowling Green Residence Study
Costa Mesa, California

Began August 2026

This is a residential study for my family home. The house currently sits at 1,378 SF on a 7,285 SF lot and the goal is to add more square footage and occupiable space one piece at a time. As a classic Southern California tract ranch home, there is one main “living room” for the kitchen, dining, and living space. The goal for this study was to see where I could add more intentional and defined spaces without starting from scratch.

The photos below show the house as bought; one room with spaces defined with furniture and built-ins. The section at the bottom shows my proposed additions, slowly adding square footage without reworking the house, with the potential for an ADU in the spacious backyard. The ADU is shown at the 4’-0” rear setback permitted for a detached ADU under California ADU law (Gov. Code §§66314, 66323).



North-South Section showing enclosed breezeway with additional and space for future builds.



Existing light grid to be reworked.



Existing Breezeway



Built-ins Demolished



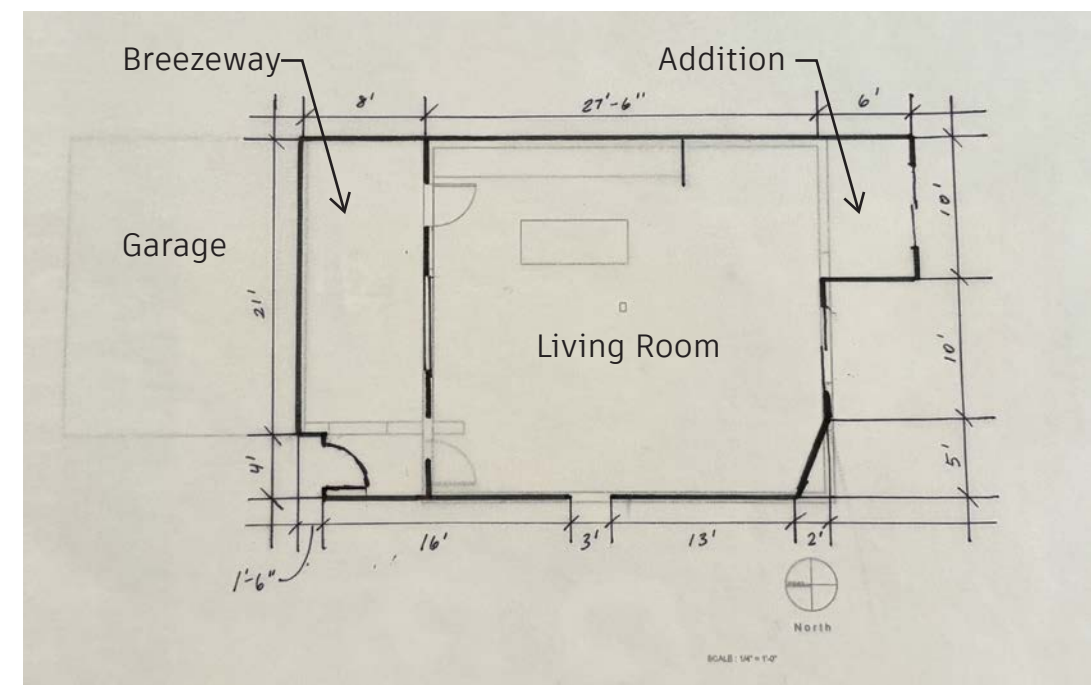
Living room with added pop-out and reconfigured sliding glass doors. Keeping most as is. Removed some existing built in seating and counterspace.



Enclosed Breezeway. Existing window replaced with pass through wall shelving. New defined space that remains open with two points of entry into main living space.



Close-up of added pop-out. New defined space.



Rialto Logistics Center

Rialto, CA - Bastien and Associates - CD’s

Concrete tilt-up. 220,000 SF warehouse with two storey T.I. office, Type III-B, 36’ clear, 48’ top of parapet. Steel columns, trusses, K-braced frames.

Led construction documentation and currently starting construction administration. Researched and drew the exiting and occupancy analysis, wall sections, plans, details, the entire set. Ran plan check with the City of Rialto through approval.

Exit Plan Diagram - Mezzanine Level Office

SCALE: 3/32" = 1'-0"

23

Exit Plan Diagram - Ground Level Office

SCALE: 3/32" = 1'-0"

7

Exit Plan Diagram - Warehouse

SCALE: 1" = 40'-0"

20

PLUMBING - OCCUPANT LOAD	SF	FACTOR	OCCUPANTS	MEN		WOMEN		UNISEX		SHOWER	DRINKING FOUNTAIN / FACILITY
				WC	URINAL	WC	LAV	WC	LAV		
OFFICE	7,171 s.f.	GROUP - B 150	48 (24 M/ 24W)	(24/50)=48	(24/200)=24	(24/75)=32	(24/125)=16	(24/50)=48			1,130 (48/150)=32
WAREHOUSE	215,926 s.f.	GROUP - S 4000	54 (27M/ 27W)	(27/100)=27	N/A	(27/200)=14	(27/100)=27	(27/200)=14			1,250 (54/250)=22
TOTAL FIXTURES REQUIRED				(58) = 1	(24) = 1	(38) = 1	(1,42) = 2	(47) = 1			(54) = 1
TOTAL FIXTURES PROVIDED				1	1	2	2	2	1	1	2 PROVIDED IN ALLOW CONFIG.

NOTES:

* PER TABLE 422.1 NOTE #3 - THE TOTAL NUMBER OF REQUIRED WATER CLOSETS FOR FEMALES SHALL NOT BE LESS THAN THE TOTAL NUMBER OF REQUIRED WATER CLOSETS AND URINALS FOR MALES. THIS REQUIREMENT SHALL NOT APPLY WHEN SINGLE OCCUPANCY TOILET FACILITIES ARE PROVIDED FOR EACH SEX IN AN "X" OR "Y" OCCUPANCY WITH AN OCCUPANT LOAD LESS THAN 50

Exit Signage Notes

THE FOLLOWING ARE NOTES REGARDING EXIT SIGNS AND ACCESSIBLE ROUTE LIGHTING REQUIREMENTS. THE NOTES ARE FOR REFERENCE WITH CODE SECTIONS INCLUDED. THESE AND THE ELECTRICAL PLANS HAVE PROVIDED THE MANNER IN WHICH THESE NOTES ARE TO BE OR HAVE BEEN IMPLEMENTED. IF THERE IS ANY QUESTION REGARDING THESE REQUIREMENTS, CONTACT THE ARCHITECT FOR CLARIFICATION.

- THE PATH OF EXIT TRAVEL TO AND WITHIN EXITS IN THIS BUILDING SHALL BE IDENTIFIED BY EXIT SIGNS CONFORMING TO THE REQUIREMENTS OF SECTION 1013 AND AS NOTED BELOW. (1013.1)
 - EXIT SIGNS SHALL BE READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL.
 - EXIT SIGNS SHALL BE LOCATED AS NECESSARY TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL.
 - NO POINT IN A CORRIDOR SHALL BE MORE THAN 100-FT. OR THE LISTED VIEWING DISTANCE FOR THE SIGN, WHICHEVER IS LESS, FROM THE NEAREST VISIBLE EXIT SIGN.
 - NO EXIT SIGNS ARE REQUIRED IN ROOMS THAT ONLY REQUIRE ONE EXIT.
- EXIT SIGNS SHALL BE INTERNALLY OR EXTERNALLY ILLUMINATED. INTERNALLY ILLUMINATED EXIT SIGNS SHALL BE LISTED AND LABELED AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND SECTION 2702. EXTERNALLY ILLUMINATED EXITS SIGNS SHALL COMPLY WITH THE GRAPHICS AND POWER SOURCE REQUIREMENTS IN SECTIONS 1013.6. WHEN THE FACE OF AN EXIT SIGN IS ILLUMINATED FROM AN EXTERNAL SOURCE, IT SHALL HAVE AN INTENSITY OF NOT LESS THAN 5-FOOT-CANDELES (54 LUX). (1013.6.2)
- ANY TIME A BUILDING OR A PORTION OF A BUILDING IS OCCUPIED, THE MEANS OF EGRESS SERVING THE OCCUPIED PORTION SHALL BE ILLUMINATED AT AN INTENSITY OF NOT LESS THAN 1 FOOT-CANDLE (11 LUX) AT THE WALKING SURFACE LEVEL. (1008.2.1)
- THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL BE PROVIDED BY THE PREMISES ELECTRICAL SUPPLY. IN THE EVENT OF POWER SUPPLY FAILURE, ILLUMINATION SHALL BE AUTOMATICALLY PROVIDED FROM AN EMERGENCY SYSTEM FOR THE FOLLOWING AREAS: (1008.3)
 - aisles and UNENCLOSED EGRESS STAIRWAYS IN ROOMS AND SPACES THAT REQUIRE TWO OR MORE MEANS OF EGRESS.
 - CORRIDORS, INTERIOR EXITS, STAIRWAYS AND RAMP, AND EXIT PASSAGEWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
 - EXTERIOR EGRESS COMPONENTS AT OTHER THAN THE LEVEL OF EXIT DISCHARGE UNTIL EXIT DISCHARGE IS ACCOMPLISHED. FOR BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
 - INTERIOR EXIT DISCHARGE ELEMENTS, AS PERMITTED IN SECTION 1027.1, IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
 - EXTERIOR LANDINGS, AS REQUIRED BY SECTION 1008.1.5, FOR EXIT DISCHARGE DOORWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
- THE EXIT SIGNS SHALL BE ILLUMINATED AT ALL TIMES. TO ENSURE CONTINUED ILLUMINATION FOR A DURATION OF NOT LESS THAN 90 MINUTES IN CASE OF PRIMARY POWER LOSS, THE SIGN ILLUMINATION MEANS SHALL BE CONNECTED TO AN EMERGENCY POWER SYSTEM PROVIDED FROM STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH CHAPTER 27. (1013.6.3)
- EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS AT LEAST AN AVERAGE OF 1 FOOT-CANDLE (11 LUX) AND A MINIMUM AT ANY POINT OF 0.1 FOOT-CANDLE (1 LUX) MEASURED ALONG THE PATH OF EGRESS AT FLOOR LEVEL. A MAXIMUM-TO-MINIMUM ILLUMINATION UNIFORMITY RATIO OF 40 TO 1 SHALL NOT BE EXCEEDED. (1008.3.5)

Exiting Plan Key Notes

1	ACCESSIBLE EXIT CONNECTED TO AN ACCESSIBLE ROUTE -PROVIDE EXIT SIGN PER ELECTRICAL DRAWINGS -PROVIDE TACTILE SIGN PER DETAIL 10C/A9.1 "EXIT"
2	EXIT ROUTE -PROVIDE EXIT SIGN PER ELECTRICAL DRAWINGS -PROVIDE TACTILE SIGN PER DETAIL 10B/A9.1 "EXIT ROUTE"
3	ACCESSIBLE EXIT CONNECTED TO AN ACCESSIBLE ROUTE -PROVIDE EXIT SIGN PER ELECTRICAL DRAWINGS -PROVIDE TACTILE SIGN PER DETAIL 10G/A9.1 "EXIT RAMP DOWN"
4A	NON ACCESSIBLE EXIT PER CBC 11B-207.1, EXCEPTION 5 -PROVIDE EXIT SIGN PER ELECTRICAL DRAWINGS -PROVIDE TACTILE SIGN PER DETAIL 10E/A9.1 "EXIT STAIR DOWN" -PROVIDE DIRECTIONAL SIGNAGE PER DETAIL 16/A9.1 (ARROW TO POINT TO NEAREST ACCESSIBLE EXIT AS DEFINED ABOVE) -PROVIDE "EXIT NOT ACCESSIBLE" SIGN PER DETAIL 18/A9.1
4B	NON ACCESSIBLE EXIT PER CBC 11B-207.1, EXCEPTION 5 -PROVIDE EXIT SIGN PER ELECTRICAL DRAWINGS -PROVIDE TACTILE SIGN PER DETAIL 10B/A9.1 "EXIT ROUTE" -PROVIDE DIRECTIONAL SIGNAGE PER DETAIL 16/A9.1 (ARROW TO POINT TO NEAREST ACCESSIBLE EXIT AS DEFINED ABOVE) -PROVIDE "EXIT NOT ACCESSIBLE" SIGN PER DETAIL 18/A9.1
5	FIRE ACCESS DOOR ONLY - NOT AN EXIT -PROVIDE "NOT AN EXIT SIGN" PER DETAIL 8/A9.1 -REFER TO LEGEND FOR EXTERIOR SIGNAGE
6	EXIT STAIR DOWN (SECOND FLOOR OFFICE AREA) -PROVIDE EXIT SIGN PER ELECTRICAL DRAWINGS -PROVIDE TACTILE SIGN PER DETAIL 10E/A9.1 "EXIT STAIR DOWN"
7	NOT USED
8	POST INTERNATIONAL SYMBOL OF ACCESSIBILITY ON OR ADJACENT TO DOOR ON EXTERIOR PER DETAIL 5C/A9.1
9	NOT USED
10	ACCESSIBLE ROUTE - REFER TO SITE PLAN FOR CONTINUATION

Legend

FD DENOTES EXIT TRAVEL DISTANCE POINT OF "ORIGIN" USED TO GRAPHICALLY ILLUSTRATE DISTANCE CALCULATIONS.

FD DENOTES FIRE ACCESS DOOR. DOORS ARE LOCATED WITHIN 125 LINEAL FEET OF THE EXTERIOR WALLS. THAT FACE REQUIRED FIRE APPARATUS ACCESS ROADS. PROVIDE SIGN AT EXTERIOR SIDE OF DOOR THAT READS: FIRE DEPARTMENT ACCESS DOOR DO NOT BLOCK

LETTERING SHALL BE IN CONTRASTING COLOR TO THE BACKGROUND. LETTERS SHALL HAVE A MIN HEIGHT OF 2" WITH A MIN STROKE OF 3/8" (CFC 3006.7.4 AND 3006.7.5)

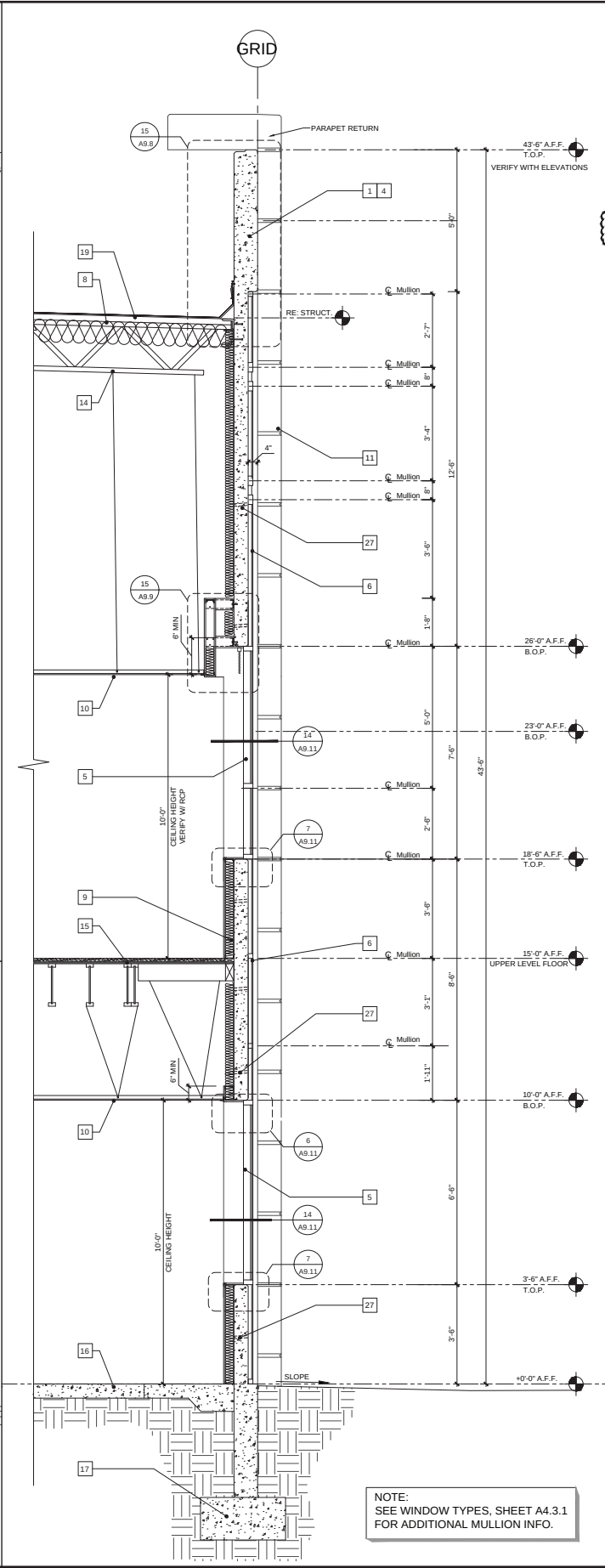
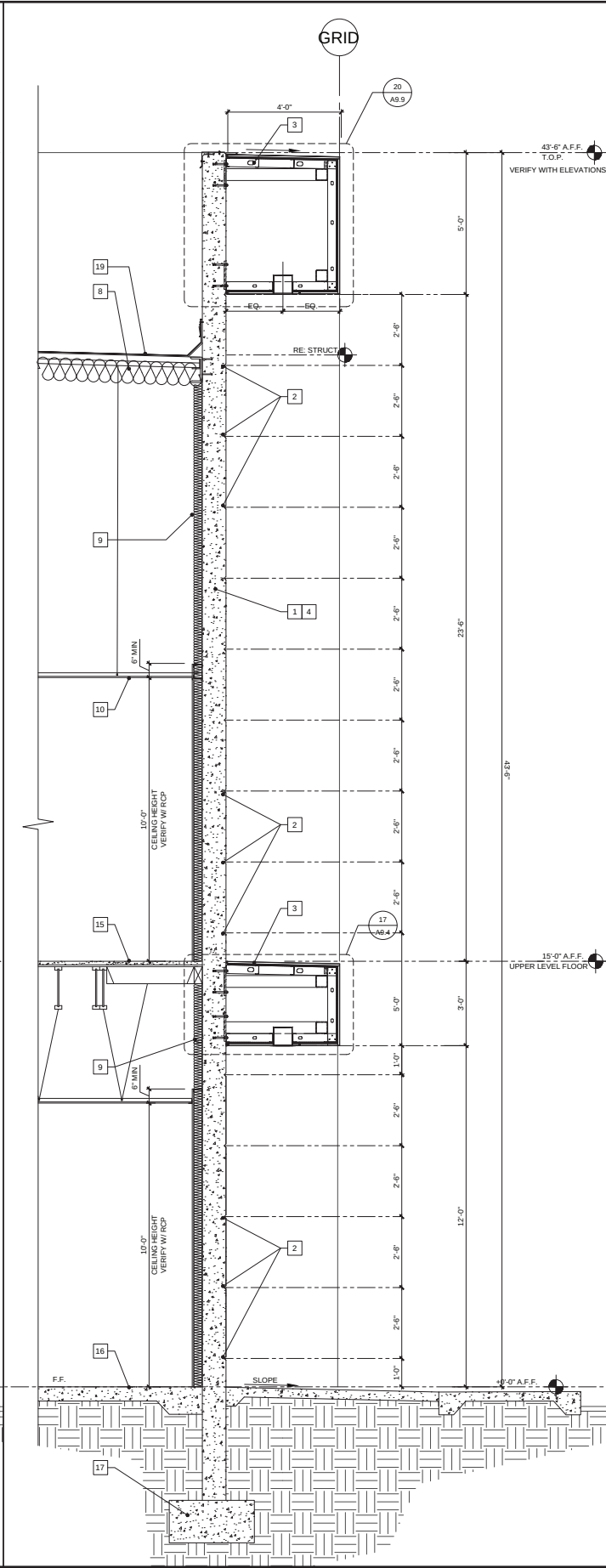
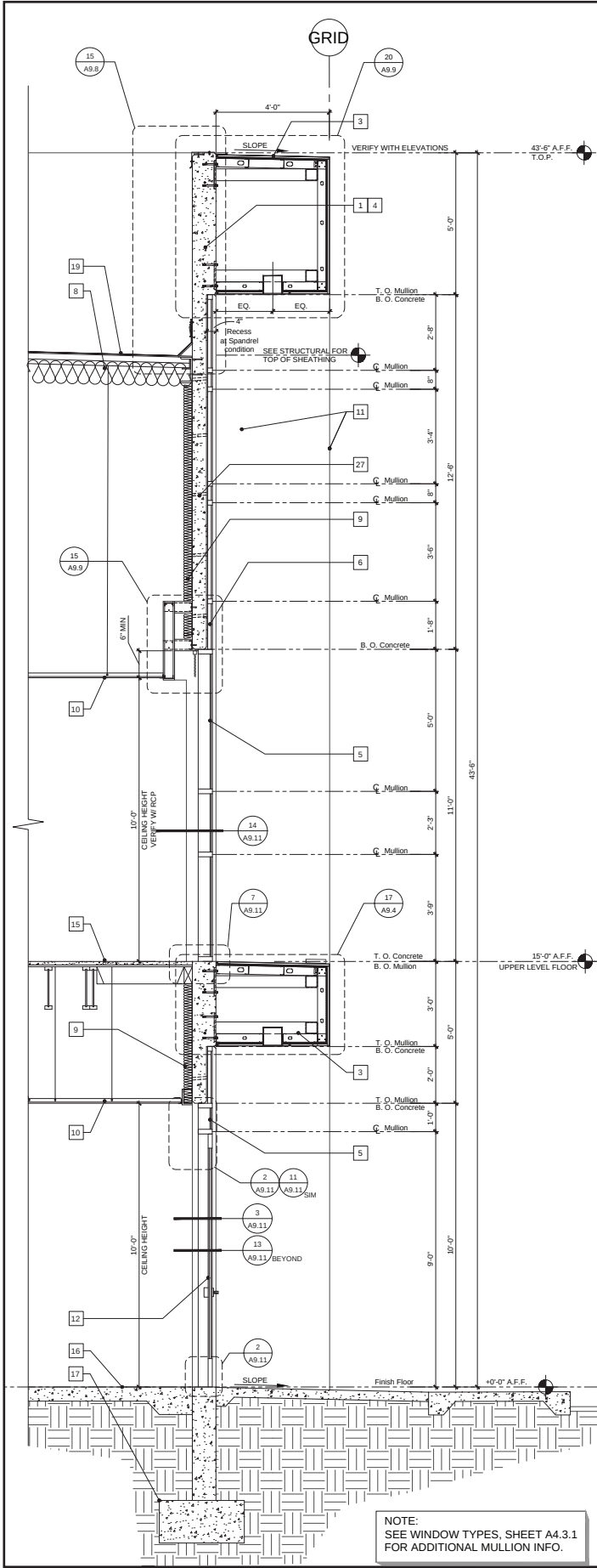
EXIT ILLUMINATED EXIT SIGN. SEE EXIT NOTES, THIS SHEET, REFLECTED CEILING PLANS AND ELECTRICAL PLANS.

88 COMMON PATH OF EGRESS TRAVEL (TABLE 1006.2.1) 100' MAX. ALLOWED FOR "B" AND "S" SPRINKLERED 75' MAX. ALLOWED FOR "P" SPRINKLERED

210 DENOTES EXIT ACCESS TRAVEL DISTANCE (400' ALLOWED PER CBC TABLE 1017.2.2) (F-L, S-I OCCUPANCIES) (200' ALLOWED PER CBC TABLE 1017.2) (B OCCUPANCY - SPRINKLERED)

PH INDICATES PANIC HARDWARE REQUIRED AT THIS LOCATION

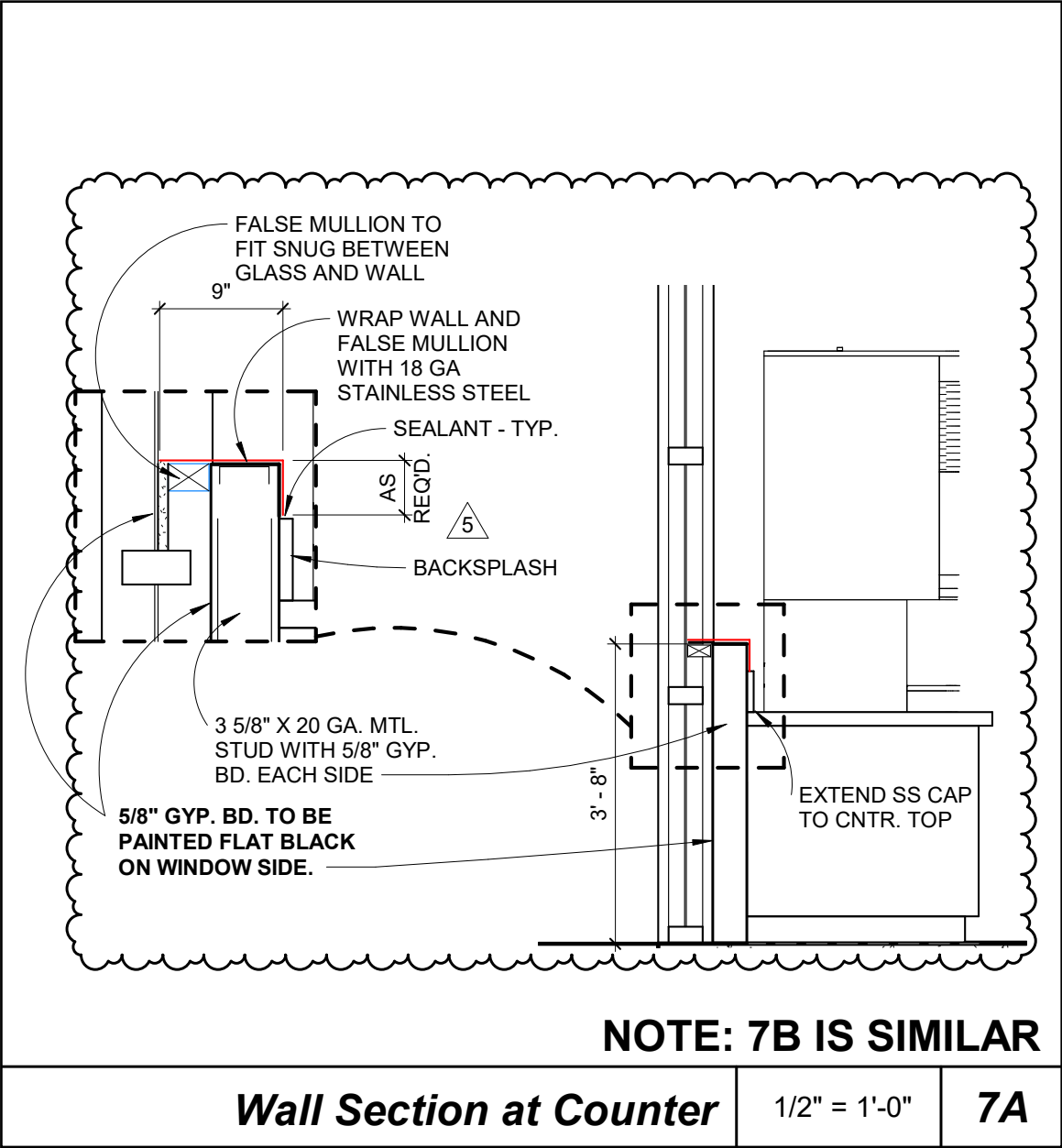
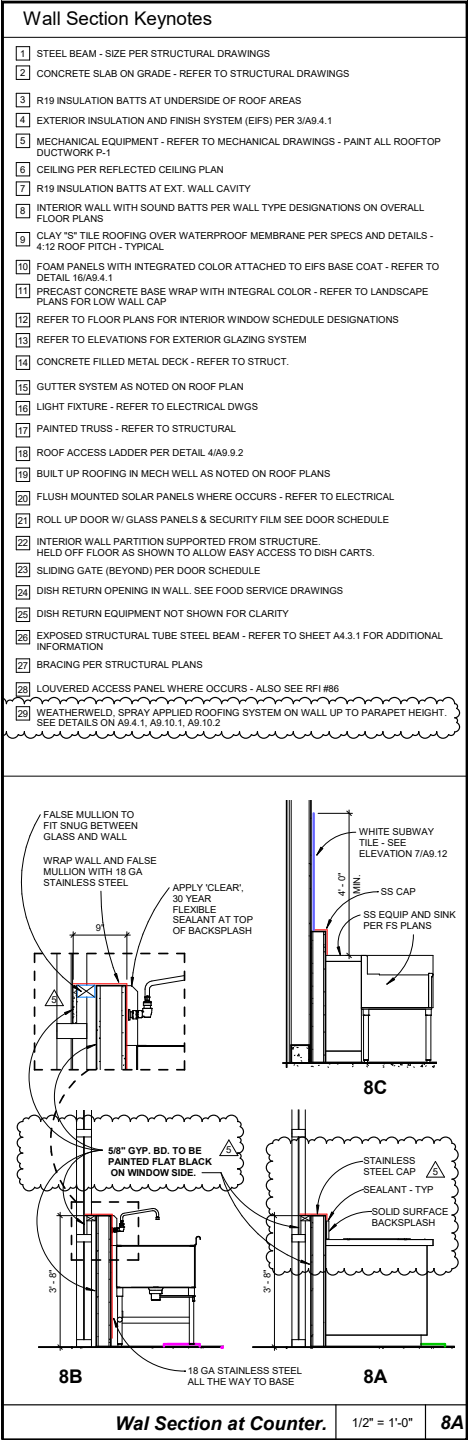
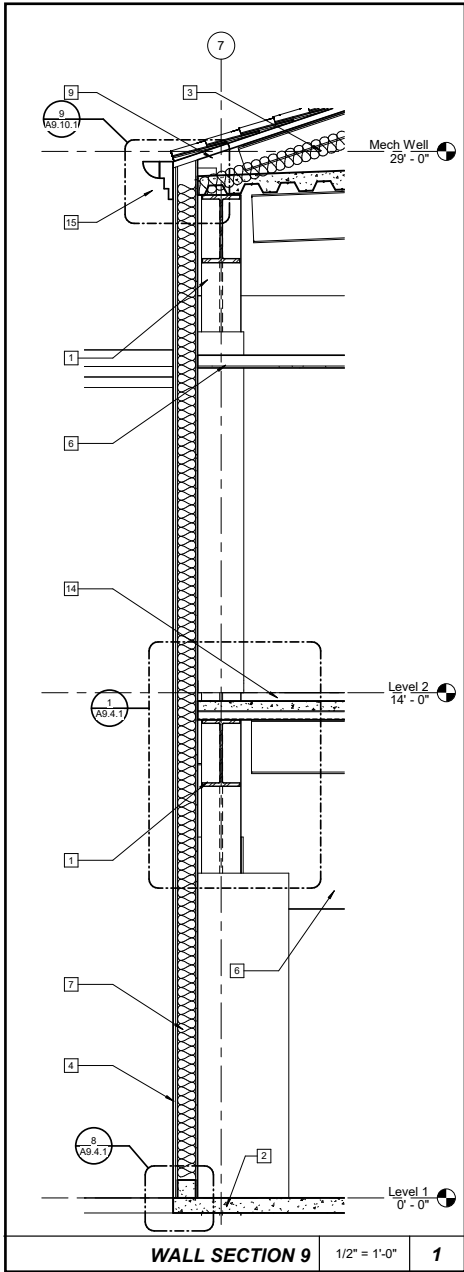
Rialto entry
wall sections.
Everything drawn
and detailed by me.



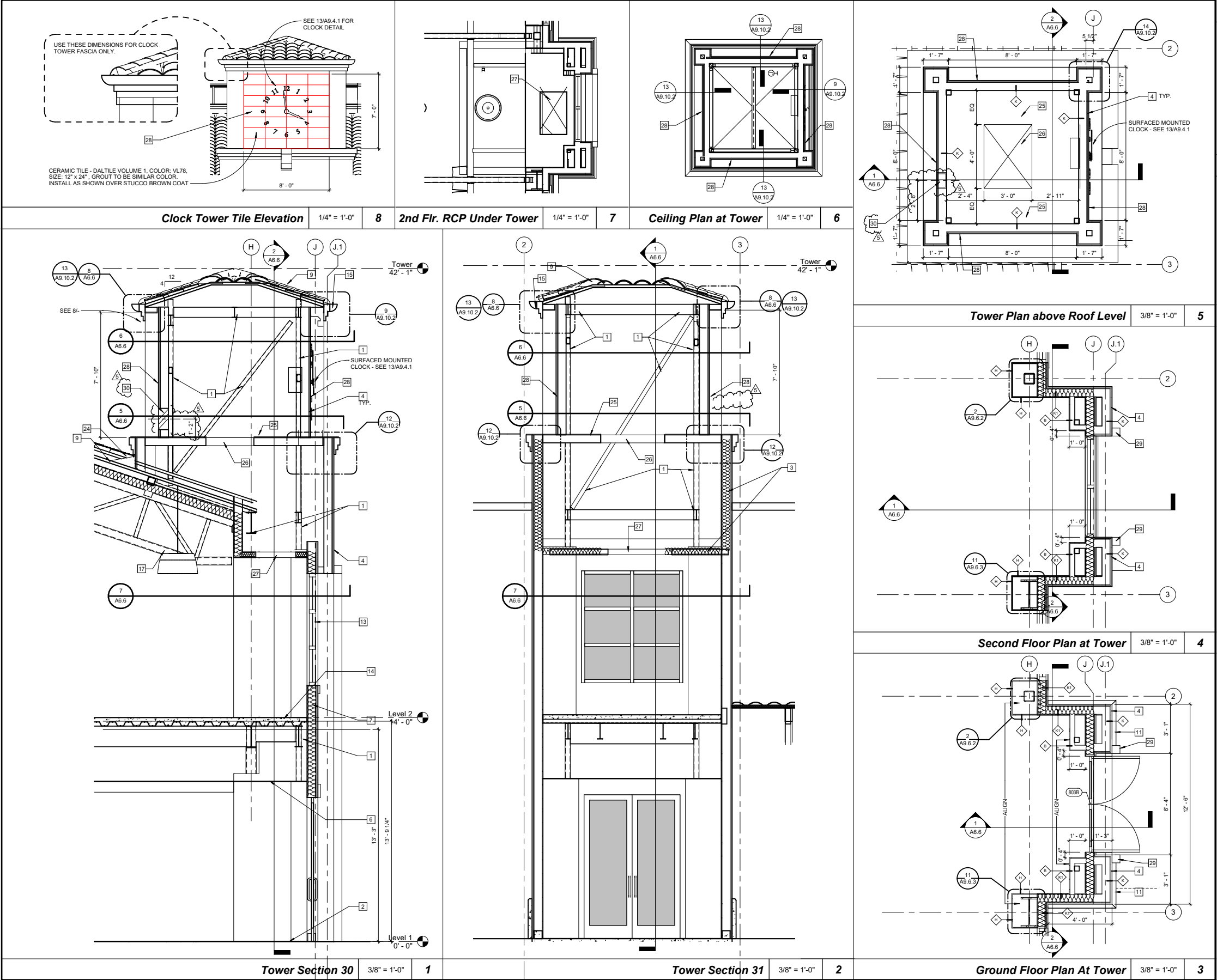
CRITERIA WITH LOCAL, COUNTY AND STATE MUNICIPALITIES AND DESIGN GLAZING SYSTEMS TO RESIST MOST RESTRICTIVE WIND LOAD CRITERIA, AND REQUIREMENTS, AS MINIMUM LEVEL OF DESIGN. 2. PER CALIF. BLDG. CODE SECT. 2402, GLAZING SHALL MEET THE SEISMIC REQUIREMENTS OF ASCE 7, SECTION 13.5.9. THE LOAD RESISTANCE OF GLASS UNDER UNIFORM LOAD SHALL BE DETERMINED IN ACCORDANCE WITH ASTM E 1300.	
SEE INSULATION NOTES ON SHEET A3.3 LOWER LEFT CORNER OF SHEET	
Wall Section Notes	
1	PAINTED CONCRETE TILT-UP PANEL WITH JOINTS AND REVEALS AS INDICATED, SEE ELEVATIONS FOR ADDITIONAL INFORMATION.
2	REVEAL PER 4/A9.4 AND EXTERIOR ELEVATIONS A4.1
3	CLEAR ANODIZED ALUMINUM CANOPY OR WATERPROOF MEMBRANE OR PLYWOOD SHEATHING OF METAL STUD FRAMING SEE DETAIL 17/A9.4 AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
4	VERIFY CONCRETE PANEL THICKNESS WITH STRUCTURAL DRAWINGS. NOTIFY ARCHITECT IF THERE ARE DISCREPANCIES THAT NEED TO BE RESOLVED.
5	CLEAR ANODIZED ALUMINUM MULLIONS W/ VISION GLAZING SYSTEM - REFER TO ENLARGED ELEVATIONS ON A4.2 FOR SPECIFICATION OF SYSTEM
6	CLEAR ANODIZED ALUMINUM MULLIONS AT 1/4" SPANDREL CONDITION - REFER TO ENLARGED ELEVATIONS ON A4.2 FOR SPECIFICATION OF SYSTEM
7	CHAIN OPERATED SECTIONAL METAL VERTICAL - LIFT DOOR - PAINTED (FACTORY FINISH WHITE) PER 6/A9.4, AND EXTERIOR ELEVATIONS A4.1
8	BATT INSULATION AT UNDERSIDE OF ROOF OF CONDITIONED AREAS. (RADIANT INSULATION SPECIFIED AT ALL NON-CONDITIONED AREAS. SEE INSULATION NOTES ON A3.3
9	BATT INSULATION TO DECK AT EXTERIOR WALLS OF ALL CONDITIONED SPACES - REFER TO INSULATION NOTES ON A3.3
10	SUSPENDED ACOUSTICAL CEILING SYSTEM PER REFLECTED CEILING PLANS AND STRUCTURAL DRAWINGS.
11	CONCRETE PANEL BEYOND, WHERE OCCURS - REFER TO PLANS AND ELEVATIONS FOR LOCATION(S)
12	CLEAR ANODIZED ALUMINUM STOREFRONT ENTRY DOOR W/ INSULATED TEMPERED GLASS PER DOOR SCHEDULE AND ELEVATIONS
13	LOCATION OF FIRE MARSHAL APPROVED KNOX BOX
14	ROOF FRAMING - REFER TO STRUCTURAL DWG'S
15	LIGHTWEIGHT CONCRETE OVER WOOD SHEATHING AND FRAMING - REFER TO STRUCTURAL DRAWINGS.
16	CONCRETE SLAB - REFER TO STRUCTURAL DWG'S
17	REFER TO STRUCTURAL DWG'S FOR ALL FOOTINGS & FOUNDATION INFORMATION
18	FULL WIDTH SOUND BATTS (R-11 MIN.) AT ELECTRICAL ROOM (Also provide at pump room when pump room is provided inside the warehouse)
19	BUILT UP ROOFING OVER WOOD SHEATHING (RADIANT TYPE, WHERE OCCURS) PER ROOF PLAN. SEE ROOF DETAILS ON SHEET A9.8.
20	DOCK APRON SLAB - REFER TO STRUCTURAL AND CIVIL DWG'S
21	RECESS AT CONCRETE PANEL - REFER TO 5/A9.4 AND STRUCTURAL DWG'S.
22	CONCRETE LOADING RAMP PER PLANS. SEE CIVIL AND STRUCTURAL DWG'S
23	CONCRETE STAIR - SEE ARCHITECTURAL, STRUCTURAL AND CIVIL DRAWINGS.
24	EXTERIOR HOLLOW METAL DOOR AND DOOR FRAME PER DOOR SCHEDULE A8.1 - PAINTED TO MATCH ADJACENT CONCRETE PANELS - PER EXTERIOR ELEVATIONS A4.1. SEE HARDWARE SCHEDULE.
25	LOADING DOCK BUMPERS PER DETAIL 14/A9.4 AND EXTERIOR ELEVATIONS
26	ROOF ACCESS LADDER, LANDING AND ROOF HATCH REFER TO 5/A9.10 & 10/A9.10
27	PROVIDE VENT HOLES IN CONCRETE PANEL BEHIND SPANDREL GLASS. HORIZONTAL = ONE 1" DIA. HOLE AT 24" O.C. MIN. VERTICAL = ONE 1" DIA. HOLE AT EACH ROW OF SPANDREL GLASS MIN.
28	5'-0" HIGH STEEL CHANNEL JAMB GUARD. AT 28B' PROVIDE TWO (2) 4'-0" HIGH Z-GUARD AT EACH SIDE OF DOCK DOOR
29	4' X 8' R.O. CLEAR ANODIZED ALUMINUM INTAKE LOUVERS WITH FILTER AND BIRD SCREEN
Abbreviations	
T.O.M. TOP OF MULLION B.O.M. BOTTOM OF MULLION A.F.F. ABOVE FINISH FLOOR T.O.P. TOP OF CONCRETE PANEL B.O.P. BOTTOM OF CONCRETE PANEL T.O.S. TOP OF STEEL CL CENTER LINE OF REVEAL OR MULLION (AS NOTED)	

Private School Commons Building

Drafted and revised sheets across the architectural set – wall sections, enlarged stair plans and sections, reflected ceiling plans, exterior elevations – through six revision cycles covering city comments, health department review, and owner changes. Through construction: RFI responses, consultant coordination, and site walks. Contributing to this set is what prepared me to run Rialto.



Drew this sheet
detailing the
clock tower.



Industrial Park
Bastien and Associates, Inc.

Worked through design development for an Industrial Park in Lake Forest, just over 300,000 SF. Developed an entitlement set and coordinated with the city. Below are a few conceptual renderings I created using Revit and Lumion.



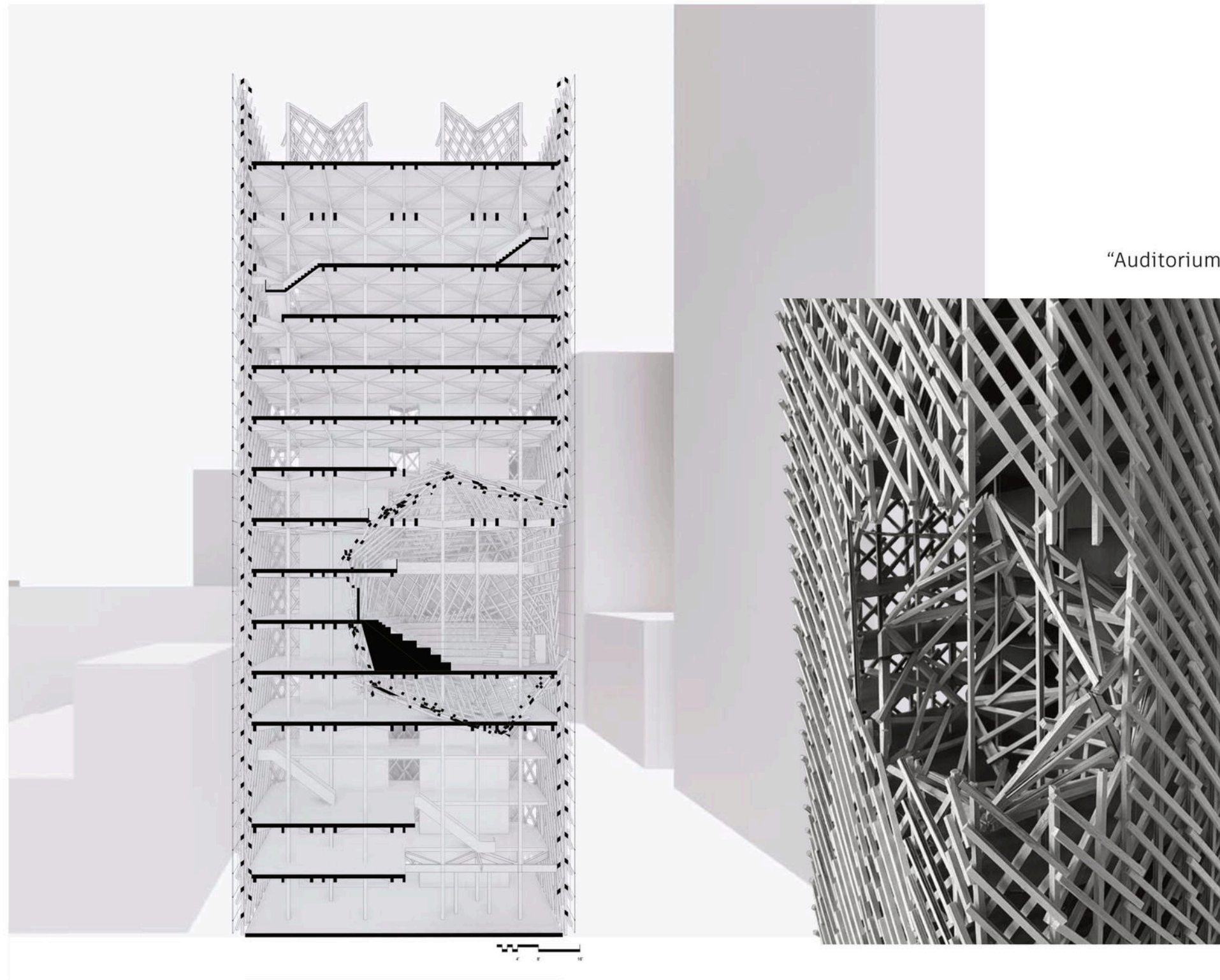


1/4"=1' scale model

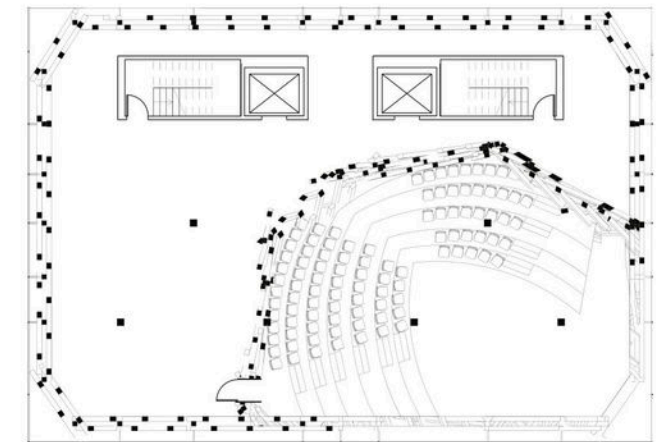
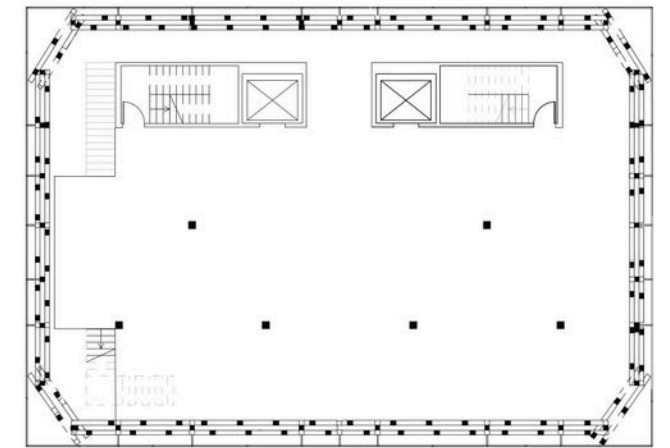


Skinny Tall Timber Urban Tower

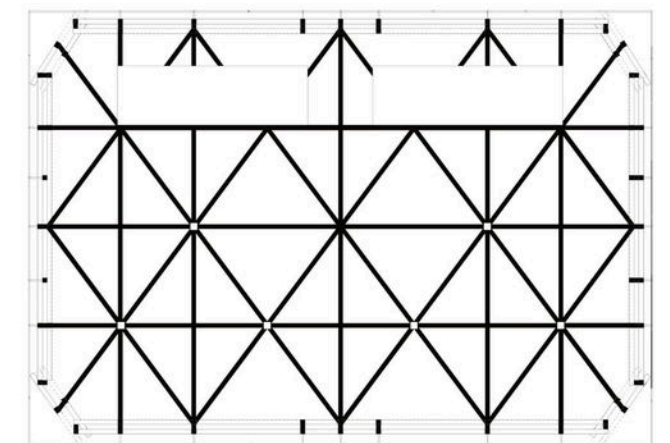
San Francisco, CA | Mark Anderson
Architectural Design | Fall 2023



“Auditorium”



Top: Workspace plan
Middle: Auditorium plan
Bottom: Structural Diagram

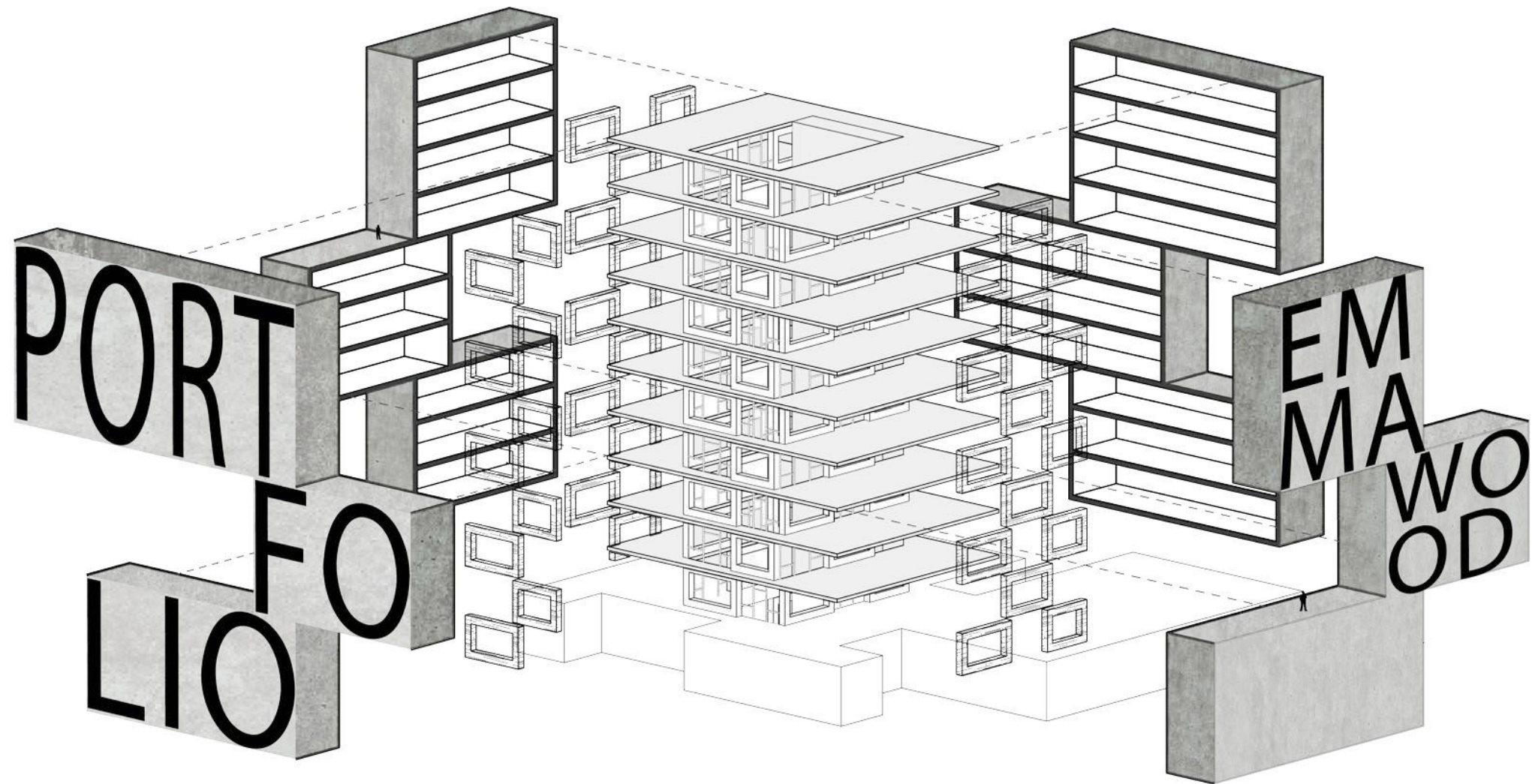


This studio began with the discussion of the heroes of the American labor movement. From Harry Bridges to Emma Goldman, we learned their impact and the need for physical spaces for unions to seek community, grow stronger, and protect their respective cause. From the first day of studio, we began building large models.

Photography

Film and digital





Precedent Study: Centro de Innovacion UC Anacleto Angelini