

<u>OWNER</u>	<u>ELECTRICAL ENGINEER/LIGHTING</u>	<u>STRUCTURAL ENGINEER</u>
CITY OF OAKLAND 250 FRANK OGAWA PLAZA OAKLAND, CA 94612 CONTACT: CHRISTINE REED T: 510.238.6540 E: CREED2@OAKLANDCA.GOV	UPLIGHT ELECTRICAL ENGINEERS 1300 TWITCHELL ISLAND ROAD WEST SACRAMENTO, CA 95691 CONTACT: JIM PUGA T: 916.317.3202 E: JPUGA@UPLIGHTE.COM	SPECTRUM STRUCTURAL ENGINEERING 1629 TELEGRAPH AVE., SUITE 300 OAKLAND, CA 94612 CONTACT: JEFF TANER T: 415.519.1820 E: JET@SPECTRUMSE.NET
<u>ARCHITECT</u>	<u>MECHANICAL ENGINEER</u>	
RP/R ARCHITECTS 1629 TELEGRAPH AVENUE, MEZZANINE OAKLAND, CA 94612 CONTACT: KATHLEEN ROUSSEAU T: 510.272.0654 X101 E: KAR@RPARCHITECTS.COM	ELMENDORF & ASSOCIATES 517 PINE STREET SAUSALITO, CA 94965 CONTACT: JEFF ELMENDORF T: 415.332.8388 E: JELMEN@PACBELL.COM	

PROJECT DESCRIPTION: BUILDING MAINTENANCE. REPLACE ELECTRICAL SUB-PANELS THROUGHOUT BUILDING. REPLACE BOILER CONTROLS. REPLACE LIGHTING IN MAIN ENTRY LOBBY. READING ROOM & MEZZANINE OFFICE SPACE. REPLACE LIGHTING CONTROLS @ READING ROOM. CLEAN FLOORING IN SELECT AREAS OF BUILDING. PAINT SELECT AREAS OF BUILDING INTERIOR. REPLACE SELECT EXTERIOR DOORS. REPLACE SELECT INTERIOR DOORS. ADD HVAC SPLIT SYSTEM TO COMMUNITY ROOM. ADD POWER & DATA TO SELECT AREAS. CLEAN READING ROOM WINDOW COVERINGS

SITE ADDRESS: OAKLAND MAIN LIBRARY, 125 14TH STREET, OAKLAND, CA

2019 CALIFORNIA BUILDING CODE
2019 CALIFORNIA FIRE CODE
2019 CALIFORNIA MECHANICAL CODE
2019 CALIFORNIA PLUMBING CODE
2019 CALIFORNIA ELECTRICAL CODE
2019 CALIFORNIA ENERGY CODE
2019 CALGREEN
CITY OF OAKLAND ADOPTED ORDINANCES
CAL OSHA

ITEM NO.	SHEET NO.	PLAN & TITLE	65%	PERMIT	BID
		ARCHITECTURAL			
1	T1.1	TITLE SHEET	●	●	●
2	G1.1	POLLUTION PREVENTION	●	●	●
3	G1.2	GENERAL NOTES, SYMBOLS, ABBREVIATIONS	●	●	●
4	G1.3	TYP. ADA DETAILS & CITY ACCESSIBILITY FORMS		●	●
5	G1.4	CALGREEN CHECKLIST			●
6	G1.5	CALGREEN CHECKLIST			●
7	G1.6	CALGREEN CHECKLIST			●
8	A1.1	SITE PLAN	●	●	●
9	A1.2	SITE DETAILS			●
10	AD2.1	LEVEL 1 - GROUND FLOOR DEMOLITION PLAN	●	●	●
11	AD2.2	LEVEL 2 - FIRST FLOOR DEMOLITION PLAN	●	●	●
12	AD2.3	LEVEL 1 - GROUND FLOOR DEMOLITION R.C.P.	●	●	●
13	AD2.4	LEVEL 2 - FIRST FLOOR DEMOLITION R.C.P.	●	●	●
14	AD2.5	LEVEL 3 - MEZZANINE DEMOLITION R.C.P.	●	●	●
15	A2.1	LEVEL 1 - GROUND FLOOR FINISH PLAN	●	●	●
16	A2.2	LEVEL 2 - FIRST FLOOR FINISH PLAN	●	●	●
17	A2.3	LEVEL 3 - MEZZANINE FINISH PLAN	●	●	●
18	A2.4	LEVEL 5 - SECOND FLOOR FINISH PLAN	●	●	●
19	A2.5	LEVEL 1 - GROUND FLOOR R.C.P.	●	●	●
20	A2.6	LEVEL 2 - FIRST FLOOR R.C.P.	●	●	●
21	A2.7	LEVEL 3 - MEZZANINE R.C.P.	●	●	●
22	A2.8	LEVEL 5 - SECOND FLOOR R.C.P.	●	●	●
23	A2.9	LEVEL 7 - ROOF PLAN	●	●	●
24	A3.1	EXTERIOR ELEVATIONS	●	●	●
25	A3.2	EXTERIOR ELEVATIONS	●	●	●
26	A5.1	INTERIOR ELEVATIONS	●	●	●
27	A5.2	INTERIOR ELEVATIONS	●	●	●
28	A7.1	FINISH SCHEDULE	●	●	●
29	A7.2	DOOR SCHEDULE	●	●	●
30	A8.1	DETAILS	●	●	●
31	A8.2	DETAILS		●	●
		STRUCTURAL			
32	S1.1	CONDENSING UNIT PLANS & DETAILS			●
33	S1.2	FAN MOUNTING DETAILS			●
		MECHANICAL			
34	M1.1	MECHANICAL SCHEDULES & DETAILS	●	●	●
35	M1.2	REFRIGERATION PIPING & WIRING DETAILS	●	●	●
36	M2.1	MECHANICAL PLAN	●	●	●
37	M2.2	MECHANICAL ROOF PLAN	●	●	●
38	M3.1	MECHANICAL CONTROL SYSTEMS	●	●	●
39	M3.2	MECHANICAL CONTROL SYSTEMS	●	●	●
40	M3.3	MECH. CONTROL SYS. - SEQUENCE OF OPERATIONS	●	●	●
41	M3.4	MECH. CONTROL SYS. - SEQUENCE OF OPERATIONS	●	●	●
42	M4.1	MECHANICAL SPECIFICATIONS		●	●
43	M4.2	TITLE-24		●	●
44	M4.3	TITLE-24		●	●
		ELECTRICAL			
45	E1.0	GENERAL NOTES & SYMBOLS	●	●	●
46	E1.1	ONE LINE DIAGRAM	●	●	●
47	E1.2	PANEL SCHEDULES	●	●	●
48	E2.0	GROUND FLOOR POWER PLAN	●	●	●
49	E2.1	FIRST FLOOR POWER PLAN	●	●	●
50	E2.2	MEZZANINE POWER PLAN	●	●	●
51	E2.3	SECOND FLOOR POWER PLAN	●	●	●
52	E2.4	COMMUNITY ROOM HVAC POWER PLAN	●	●	●
53	E2.5	ROOF POWER PLAN	●	●	●
54	E3.0	SITE LIGHTING PLAN	●	●	●
55	E3.1	GROUND FLOOR LIGHTING PLAN	●	●	●
56	E3.2	FIRST FLOOR LIGHTING PLAN	●	●	●
57	E3.3	MEZZANINE LIGHTING PLAN	●	●	●
58	E3.4	SECOND FLOOR LIGHTING PLAN	●	●	●
59	E4.0	TITLE 24	●	●	●
		PLUMBING			
60	P1.1	PLUMBING SCHEDULES & DETAILS	●	●	●
61	P2.1	PLUMBING PLAN	●	●	●
62	P3.1	PLUMBING SPECIFICATIONS	●	●	●

PER OAKLAND MUNICIPAL CODE 13.08.060 (B), TESTING AND INSPECTION OF BUILDING SEWERS ARE REQUIRED. THE CITY OF OAKLAND HAS TESTED THE OAKLAND MAIN LIBRARY SEWER LATERAL AND IT FAILED TO MEET CURRENT MUNICIPAL CODE STANDARDS AND MUST BE REPLACED. G.C. SHALL OBTAIN ALL REQUIRED PERMITS, PERFORM ALL NECESSARY BUILDING SEWER REPAIR OR REPLACEMENT, SCHEDULE INSPECTIONS W/ EBMUD, PASS A VERIFICATION TEST WITNESSED BY EBMUD, OBTAIN AND FILE A COMPLIANCE CERTIFICATE FROM EBMUD AS SET FORTH IN THE EBMUD REGIONAL PRIVATE SEWER LATERAL ORDINANCE FOR THE ENTIRE BUILDING SEWER.

ALTERNATE BID SCOPE OF WORK AS SHOWN ON THE BID DOCUMENTS:

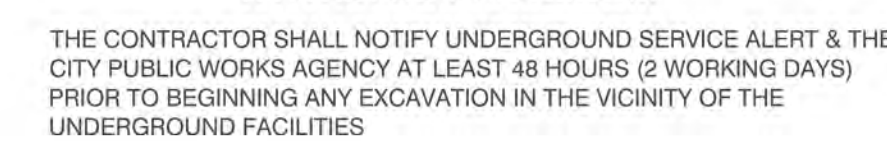
1. PAINTING SCOPE IN VARIOUS AREAS OF THE LIBRARY. SEE SHEET A7.1 FINISH SCHEDULE NOTES.
2. FLOOR REFINISHING IN VARIOUS AREAS OF THE LIBRARY. SEE SHEET A7.1 FINISH SCHEDULE NOTES.
3. NORTH ELEVATION (14TH STREET) MURAL RESTORATION - SEE ELEVATION 1/A3.1 FOR SCOPE OF WORK.
4. CEILING FANS. SEE REFLECTED CEILING PLAN SHEETS A2.7 & A2.8 FOR SCOPE OF WORK.
5. FENCING, GATES & LIGHTING AT EXTERIOR COURTYARD. SEE SHEETS A1.1 & A1.2 FOR SCOPE OF WORK.
6. WINDOW FILM. SEE SHEETS A3.1 & A3.2 FOR SCOPE OF WORK.

A map showing the project location in Lake Merritt. The map includes a grid of streets labeled from 9th Street to 17th Street, and Harrison Street, Alice Street, Jackson Street, Madison Street, and Oak Street. A shaded rectangular area with a black dot in the center indicates the project location, situated between 13th and 14th Streets and between Jackson and Madison Streets. A line points from the text 'PROJECT LOCATION' to this shaded area. A north arrow is located in the top left corner. The map also shows the shoreline of Lake Merritt and the Lake Merritt Blvd bridge.

NOT TO SCALE

OAKLAND MAIN LIBRARY
INFRASTRUCTURE IMPROVEMENTS
125 14TH STREET

FUNDED BY:
MEASURE KK

[illegible]

Siew-Chin Yeong (Jul 12, 2023 10:40 PDT)

SIEW-CHIN YEONG, PE
ASSISTANT DIRECTOR, OPW
BUREAU OF DESIGN AND CONSTRUCTION

Project & Grant Management Division,
OPW-BDC

CIP COORDINATOR
Project & Grant Management Division, OPW-BDC

SUPERVISOR
Project & Grant Management Division, OPW-BDC

DIVISION MANAGER
ADA Programs, OakDOT


And Nguyen
DIVISION MANAGER
Facilities Services Division, OPW-BMIS


Darin Minor (Mar 7, 2023 07:54 PST)

DIVISION MANAGER

Facilities Services Division, OPW-BMIS

Richard Battersby (Mar 7, 2023 09:03 PST)
ASSISTANT DIRECTOR
Oakland Public Library

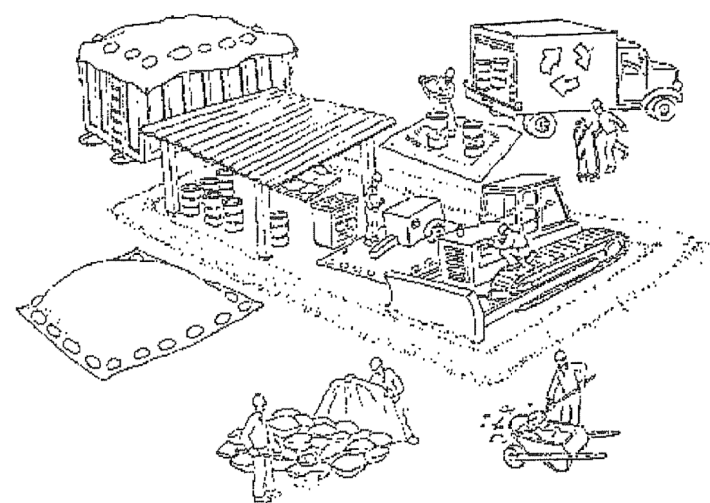

DIRECTOR
Construction Management

DIVISION MANAGER

PROJECT NO.
C1004859

SCALE: NOTED HOR: VERT: DATE: 02.17.23	SHEET NO. T1.1 1 OF 62
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Pollution Prevention - It's Part of the Plan



Make sure your crews and subs do the job right!

Runoff from streets and other paved areas is a major source of pollution and damage to creeks and the San Francisco Bay. Construction activities can directly affect the health of creeks and the Bay unless contractors and crews plan ahead to keep dirt, debris, and other construction waste away from storm drains and local creeks. Following these guidelines and the project specifications will ensure your compliance with City of Oakland requirements.

Materials storage & spill cleanup

Non-hazardous materials management

- ✓ Sand, dirt, and similar materials must be stored at least 10 feet (3 meters) from catch basins. All construction material must be covered with a tarp and contained with a perimeter control during wet weather or when rain is forecasted or when not actively being used within 14 days.
- ✓ Use (but don't overuse) reclaimed water for dust control as needed.
- ✓ Sweep or vacuum streets and other paved areas daily. Do not wash down streets or work areas with water.
- ✓ Recycle all asphalt, concrete, and aggregate base material from demolition activities. Comply with City of Oakland Ordinances for recycling construction materials, wood, gyp board, pipe, etc.
- ✓ Check dumpsters regularly for leaks and to make sure they are not overfilled. Repair or replace leaking dumpsters promptly.
- ✓ Cover all dumpsters with a tarp at the end of every work day or during wet weather.

Hazardous materials management

- ✓ Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, county, state, and federal regulations.
- ✓ Store hazardous materials and wastes in water tight containers, store in appropriate secondary containment, and cover them at the end of every work day or during wet weather or when rain is forecasted.
- ✓ Follow manufacturer's application instructions for hazardous materials and be careful not to use more than necessary. Do not apply chemicals outdoors when rain is forecasted within 24 hours.
- ✓ Be sure to arrange for appropriate disposal of all hazardous wastes.

Spill prevention and control

- ✓ Keep a stockpile of spill cleanup materials (rags, absorbents, etc.) available at the construction site at all times.
- ✓ When spills or leaks occur, contain them immediately and be particularly careful to prevent leaks and spills from reaching the gutter, street, or storm drain.
- ✓ Never wash spilled material into a gutter, street, storm drain, or creek.
- ✓ Dispose of all containment and cleanup materials properly.
- ✓ Report any hazardous materials spills immediately! Dial 911 or City of Oakland, Public Works Agency hotline at (510) 615-5566.

Construction Entrances and Perimeter

- ✓ Establish and maintain effective perimeter controls and stabilize all construction entrances and exits to sufficiently control erosion and sediment discharges from site and tracking off site.
- ✓ Sweep or vacuum any street tracking immediately and secure sediment source to prevent further tracking.

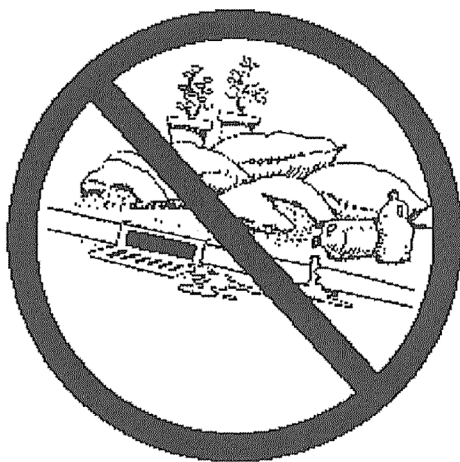
Vehicle and equipment maintenance & cleaning

- ✓ Inspect vehicles and equipment for leaks frequently. Use drip pans to catch leaks until repairs are made; repair leaks promptly.
- ✓ Fuel and maintain vehicles on site only in a bermed area or over a drip pan that is big enough to prevent runoff.
- ✓ If you must clean vehicles or equipment on site, clean with water only in a bermed area that will not allow rinse water to run into gutters, streets, storm drains, or creeks.
- ✓ Do not clean vehicles or equipment on-site using soaps, solvents, degreasers, steam cleaning equipment, etc.



Earthwork & contaminated soils

- ✓ Keep excavated soil on the site where it will not collect in the street.
- ✓ Transfer to dump trucks should take place on the site, not in the street.
- ✓ Use fiber rolls, silt fences, or other control measures to minimize the flow of silt off the site.



- ✓ If you suspect contamination (from site history, discoloration, odor, texture, abandoned underground tanks or pipes, or buried debris), call the Engineer for help in determining what should be done, and manage disposal of contaminated soil according to their instructions.

- ✓ Earth moving activities shall be approved by the City Resident Engineer in the Field.
- ✓ Mature vegetation is the best form of erosion control. Minimize disturbance to existing vegetation whenever possible.
- ✓ If you disturb a slope during construction, prevent erosion by securing the soil with erosion control fabric, or seed with fast-growing grasses as soon as possible. Place fiber rolls down-slope until soil is secure.

Dewatering operations

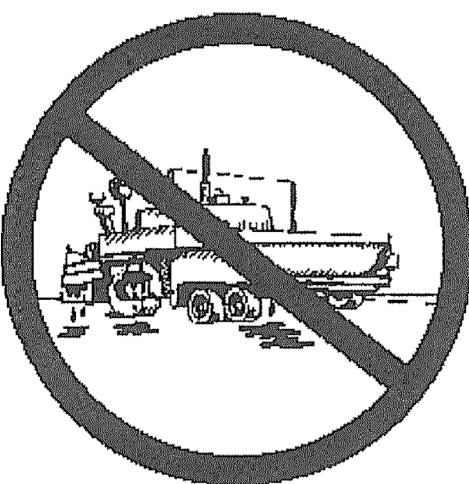
- ✓ Effectively manage all run-on, all runoff within the site, and all runoff that discharges from the site. Run-on from off site shall be directed away from all disturbed areas or shall collectively be in compliance.
- ✓ Reuse water for dust control, irrigation, or another on-site purpose to the greatest extent possible.
- ✓ Be sure to notify and obtain approval from the Engineer before discharging water to a street, gutter, or storm drain. Filtration or diversion through a basin, tank, or sediment trap may be required.
- ✓ In areas of known contamination, testing is required prior to reuse or discharge of groundwater. Consult with the Engineer to determine what testing is required and how to interpret results. Contaminated groundwater must be treated or hauled off-site for proper disposal.



Saw cutting

- ✓ Always completely cover or barricade storm drain inlets when saw cutting. Use filter fabric, catch basin inlet filters, or sand/gravel bags to keep slurry out of the storm drain system.
- ✓ Shovel, absorb, or vacuum saw-cut slurry and pick up all waste as soon as you are finished in one location or at the end of each work day (whichever is sooner!).
- ✓ If saw cut slurry enters a catch basin, clean it up immediately.

Paving/asphalt work



- ✓ Always cover storm drain inlets and manholes when paving or applying seal coat, tack coat, slurry seal, or fog seal.
- ✓ Protect gutters, ditches, and drainage courses with sand/gravel bags, or earthen berms.
- ✓ Do not sweep or wash down excess sand from sand sealing into gutters, storm drains, or creeks. Collect sand and return it to the stockpile, or dispose of it as trash.
- ✓ Do not use water to wash down fresh asphalt concrete pavement.

Concrete, grout, and mortar storage & waste disposal

- ✓ Store concrete, grout, and mortar under cover, on pallets, and away from drainage areas. These materials must never reach a storm drain.
- ✓ Wash out concrete equipment/trucks off-site or into contained washout areas that will not allow discharge of wash water onto the underlying soil or onto the surrounding areas.



- ✓ Collect the wash water from washing exposed aggregate concrete and remove it for appropriate disposal off site.

Painting

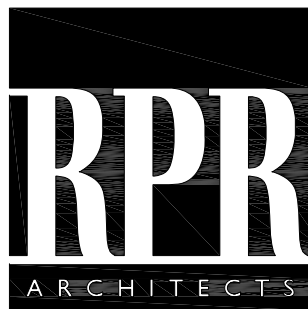


- ✓ Never rinse paint brushes or materials in a gutter or street!
- ✓ Paint out excess water-based paint before rinsing brushes, rollers, or containers in a sink.
- ✓ Paint out excess oil-based paint before cleaning brushes in thinner.
- ✓ Filter paint thinners and solvents for reuse whenever possible.
- ✓ Dispose of oil-based paint sludge and unusable thinner as hazardous waste.

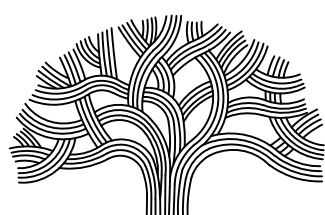
Landscape Materials

- ✓ Contain, cover, and store on pallets all stockpiled landscape materials (mulch, compost, fertilizers, etc.) during wet weather or when rain is forecasted or when not actively being used within 14 days.
- ✓ Discontinue the application of any erodible landscape material within 2 days of forecasted rain and during wet weather.

Storm drain polluters may be liable for fines of \$10,000 or more per day!



1629 Telegraph Avenue
Oakland, CA 94612
Tel 510 272 0654



CITY OF OAKLAND
DEPARTMENT OF ENGINEERING
& CONSTRUCTION
250 FRANK H. OGAWA PLAZA
SUITE 4014
OAKLAND, CA 94612
(510) 238-3437

OAKLAND MAIN LIBRARY
INFRASTRUCTURE IMPROVEMENTS
125 14TH STREET



KATHLEEN ROUSEAU	No.	DATE	BY	REFERENCE
RCE NO. C19081	1	02.17.23	RPR	ISSUED FOR BID
CHECKED BY				
DESIGNED BY				
DRAWN BY				
AWC				

POLLUTION PREVENTION

PROJECT NO.
C1004859

SCALE: AS NOTED
HOR:
VERT:
DATE: 02.17.23

SHEET NO.
G1.1
2 OF 62

DRAWING NAME: O:\Project\Jobs\210202_Oakland Main Library\Drawings\CD\180102_G1.2.dwg
PLOT DATE: 03-24-23
PLOTTED BY: Adam Carr



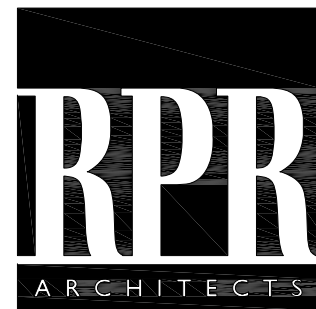
GENERAL NOTES, TAGS & ABBREVIATIONS

PROJECT NO.
C1004859

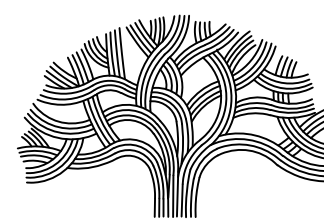
SCALE: AS NOTED
HOR:
VERT:
DATE: 02.17.23

SHEET NO
G1.2
3 OF 6

DRAWING NAME: C:\projects\04022022_Oakland Main Library\Drawings\CD\100102_01.2_ADA.dwg
PLOTED BY: Adam Carr



1629 Telegraph Avenue
Oakland, CA 94612
Tel 510 272 0654



CITY OF OAKLAND
DEPARTMENT OF ENGINEERING
& CONSTRUCTION
250 FRANK H. OGAWA PLAZA
SUITE 4014
OAKLAND, CA 94612
(510) 238-3437

OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET



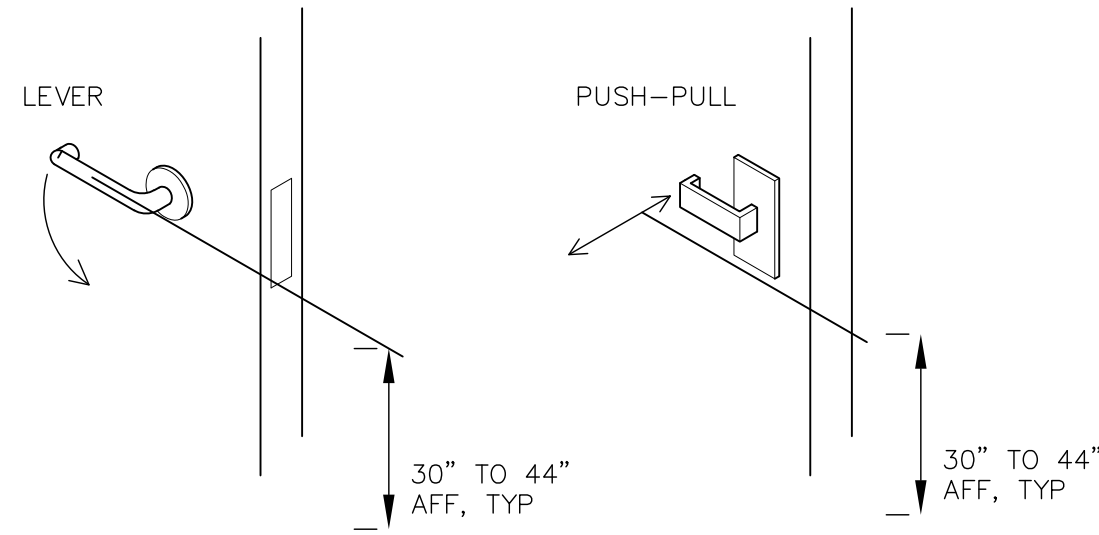
KATHLEEN ROUSEAU	No.	DATE	BY	REFERENCE
RCE NO. _C19081	1	02.17.23	RPR	ISSUED FOR BID
CHECKED BY				
DESIGNED BY				
DRAWN BY				

TYPICAL ADA DETAILS
& CITY ACCESSIBILITY FORMS

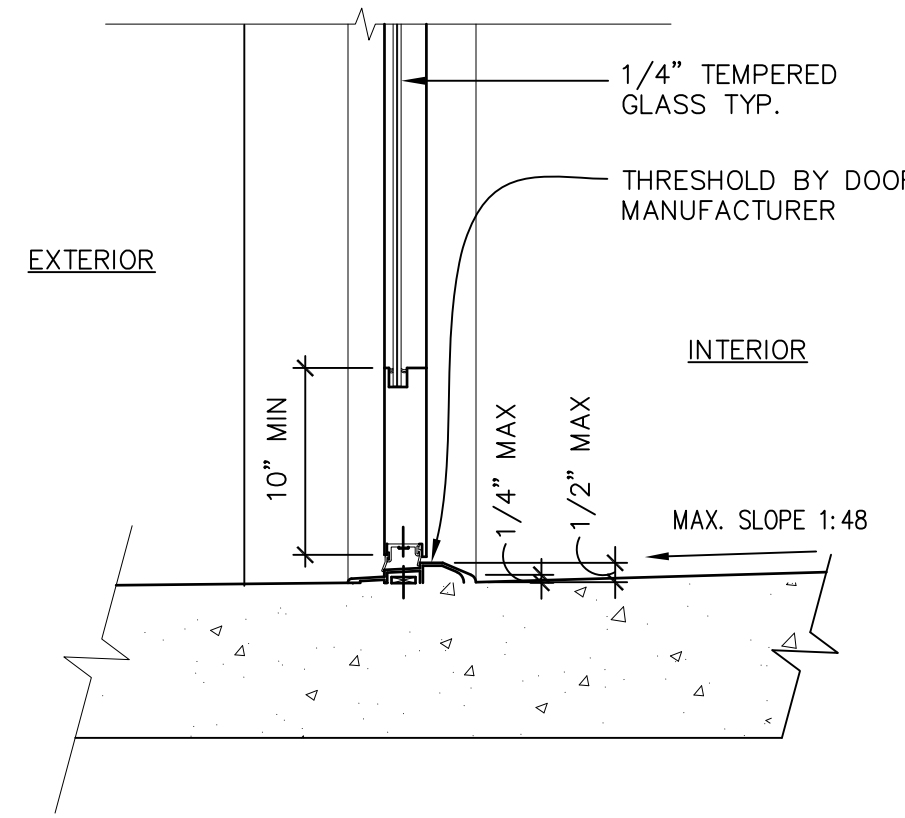
PROJECT NO.
C1004859

SCALE: AS NOTED
HOR:
VERT:
DATE: 02.17.23

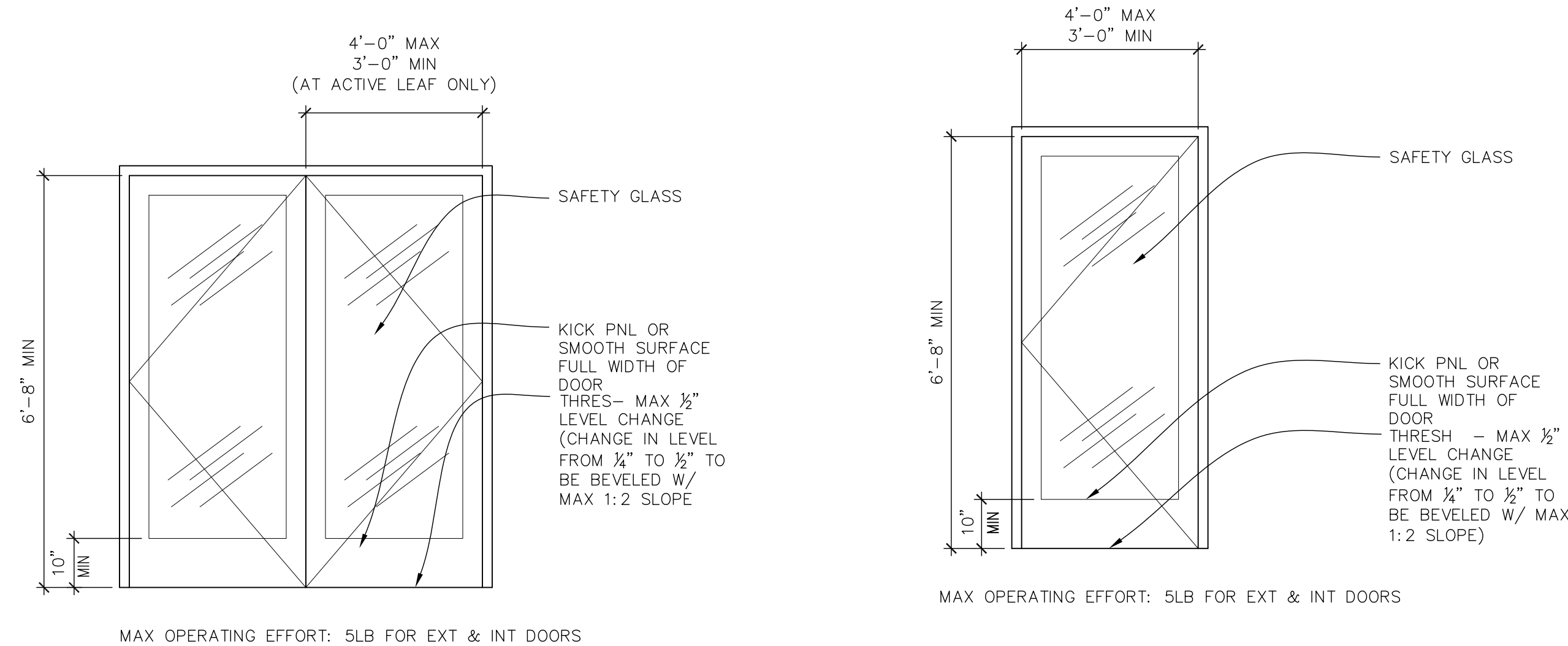
SHEET NO.
G1.2
4 OF 62



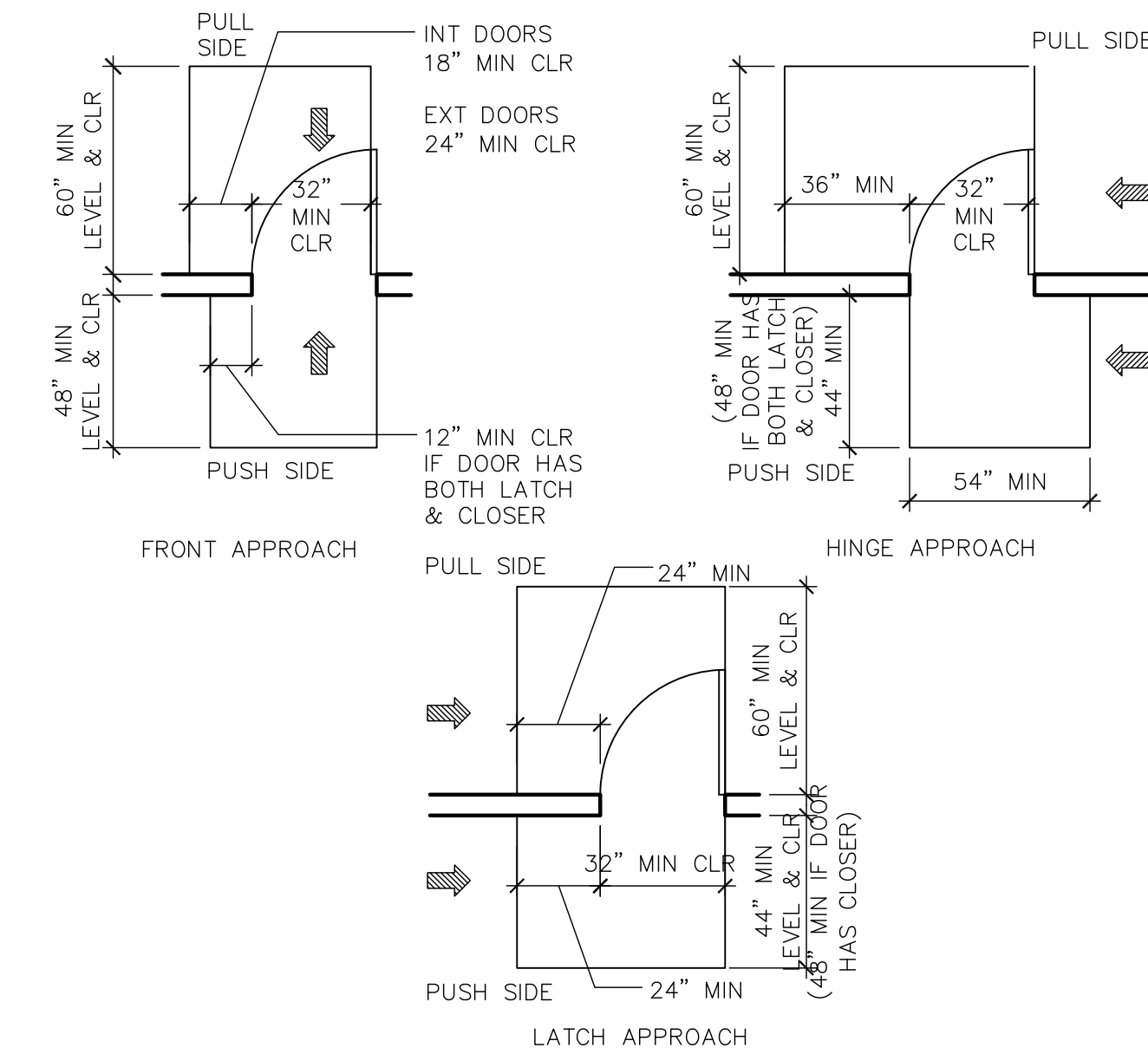
6 TYP. ACCESSIBLE DOOR HARDWARE
SCALE: N.T.S.



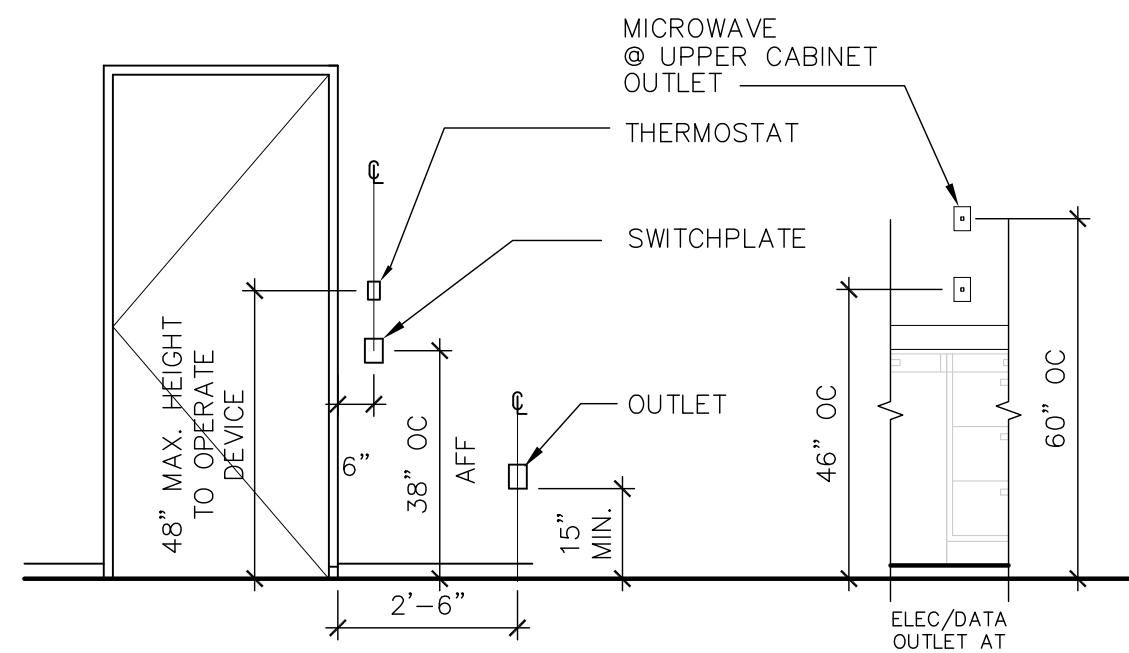
5 TYP. ACCESSIBLE DOOR THRESHOLD
SCALE: 1\"/>



4 TYP. ACCESSIBLE EXIT DOORS
SCALE: 1/2\"/>

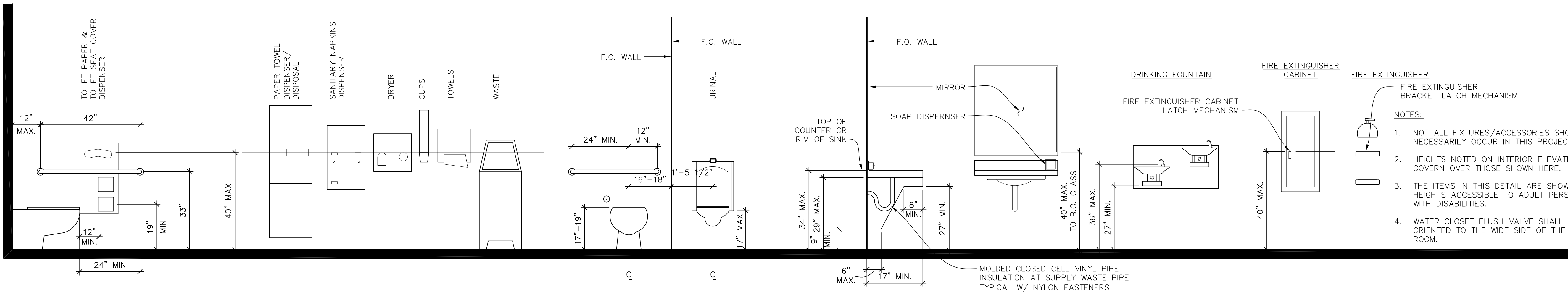


3 TYP. ACCESSIBLE CLEAR SPACE @ DOORS
SCALE: 1/4\"/>



NOTE: FOR SWITCH & THERMOSTAT LOCATIONS, SEE PLANS.

2 TYP. SWITCH & OUTLET LOCATIONS
SCALE: 3/8\"/>



NOTE: OPERABLE PARTS (INCLUDING COIN SLOTS) OF ALL FIXTURES OR ACCESSORIES ARE LOCATED A MAXIMUM OF 40\"/>

1 TYP. ADA ACCESSIBLE MOUNTING HEIGHTS
SCALE: 1/2\"/>



City of Oakland
PLANNING & BUILDING DEPARTMENT
250 FRANK H. OGAWA PLAZA, SECOND FLOOR, OAKLAND, CA 94612

ACCESSIBILITY CHECKLIST

Project Address:	125 14th Street, Oakland, CA 94612						
All forms that are required to be completed by this document are required to be reproduced on the plan set.							
1	Proposed Use of the Project	Library	(e.g. Retail, Office, Restaurant etc.)				
2	Describe the area of remodel, including which floor						
3	The construction cost of this project excluding disabled access upgrades to the path of travel is \$ 2,600,00 which is: <input checked="" type="checkbox"/> More than <input type="checkbox"/> Less than the Accessibility Threshold amount of \$172,418.00 based on the "2021 ENR Construction Cost Index" (The cost index & threshold are updated annually)						
4	Is this a City project and/or does it receive any form of public funding? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO						
Conditions below must be fully documented by accompanying drawings							
5	Read A through D below carefully and check the most applicable box. Check one box only:						
<input type="checkbox"/>	A: All existing conditions serving the area of remodel fully comply with access requirements. No further upgrades are required. Fill out page 2 of the Accessibility Checklist.						
<input checked="" type="checkbox"/>	B: The project's adjusted cost of construction is greater than the current valuation threshold: Fill out page 2 of the Accessibility Checklist.						
<input type="checkbox"/>	C: The project adjusted cost of construction is less than or equal to the current valuation threshold: List all items that will be upgraded on the Accessibility 20% Rule form and then fill out page 2 of the Accessibility Checklist. All items that will not be fully compliant should be checked on page 2 in the "Not required by code" column.						
<input type="checkbox"/>	D: The proposed project consists entirely of Barrier removal: Fill out the Accessibility Work Type form						
<input type="checkbox"/>	E: The proposed project is a minor revision to previously approved permit drawings only. (Note: this shall NOT be used for new or additional work) Provide the previously approved permit application number here: Description of the revision:						

CBC chapter 2 section 202 Definitions
Technically Infeasible: An alteration of a building or a facility, that has little likelihood of being accomplished because the existing structural conditions require the removal or alteration of a load-bearing member that is an essential part of the structural frame, or because other existing physical or site constraints prohibit modification or addition of elements, spaces or features that are in full and strict compliance with the minimum requirements for new construction and which are necessary to provide accessibility.
Unreasonable Hardship: When the enforcing agency finds that compliance with the building standard would make the specific work of the project affected by the building standard infeasible, based on an overall evaluation of the following factors:
1. The cost of providing access.
2. The cost of all construction contemplated.
3. The impact of proposed improvements on financial feasibility of the project.
4. The nature of the accessibility which would be gained or lost.
5. The nature of the use of the facility under construction and its availability to persons with disabilities
The details of any Technical Infeasibility or Unreasonable Hardship shall be recorded and entered into the files of the Department. All Unreasonable Hardships shall be ratified by the Access Appeals Commission (AAC).

2:\COUNTRY\FORMS\Current Forms\Details\Accessibility Checklist January 2021 with Casp Notification (updated 2.10.2023).pdf

1

February 10, 2021

2

Project Address:							
Check all applicable boxes and specify where on the drawings the details are shown:							
Note: upgrades below are listed in priority based on CBC 11B-202.4, exception 8	Existing fully Compliant	Will be upgraded to full Compliance	Equivalent Facilitation will provide full access	Compliance is Technically Infeasible	Approved in compliance with immediately preceding code	Not required by Code (but or more existing)	Not compliant request Must be ratified by AAC
A. One accessible entrance including: approach walk, vertical access, platform (landings), door / gate and hardware for door/gate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. An accessible route to the area of remodel including: Parking/access aisles and curb ramps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Curb ramps and walks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corridors, hallways, floors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ramps elevators, lifts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. At least one accessible restroom for each sex or a single unisex restroom serving the area of remodel.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D. Accessible public pay phone.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
E. Accessible drinking fountains.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
F. Additional accessible elements such as parking, stairways, storage, alarms and signage. See the requirements for additional forms listed below	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	1	2	3	4	5	6	7

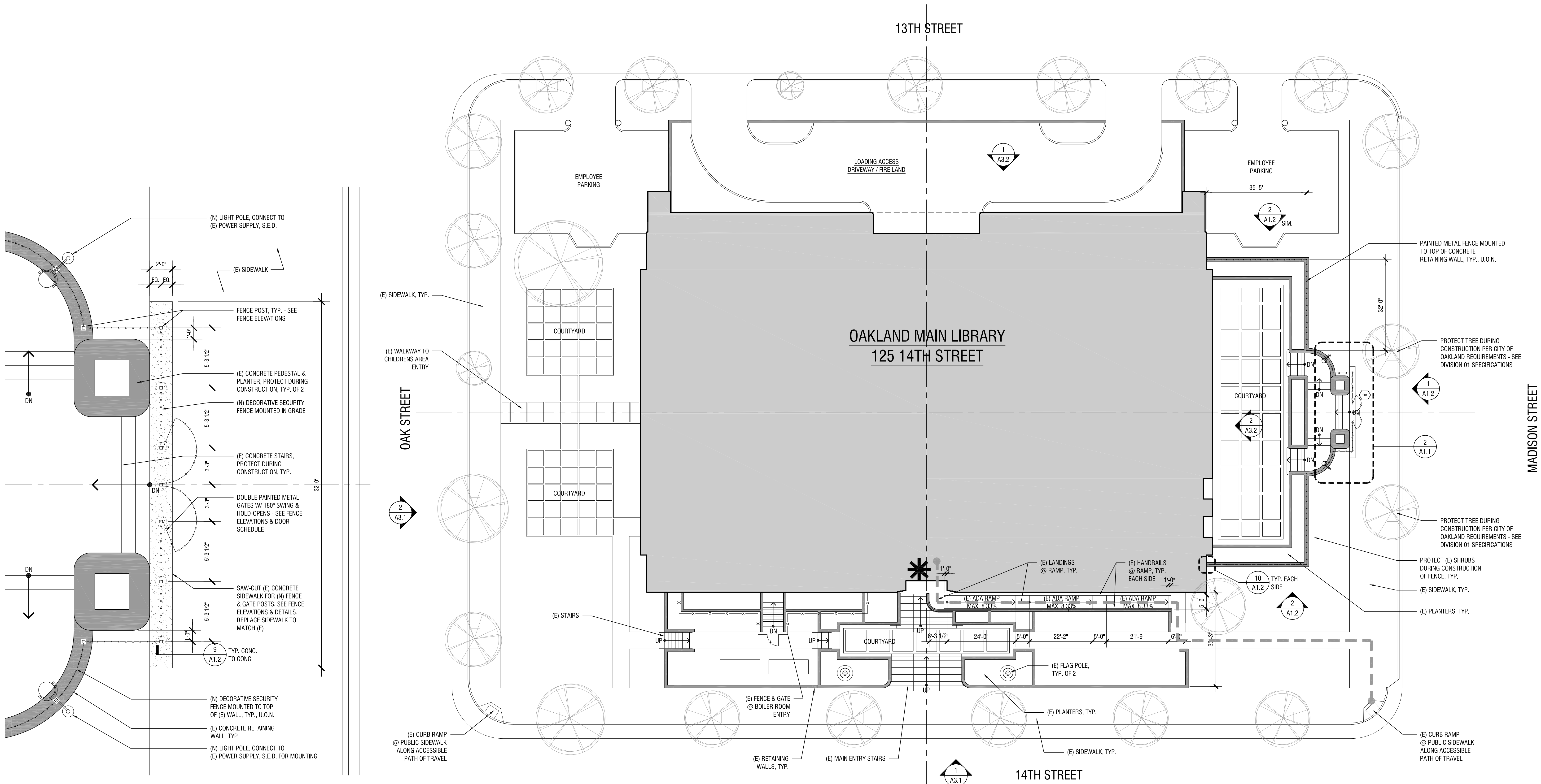
1. No additional forms required
2. No additional forms required
3. Fill out the Accessibility Appeal Form, Equivalent Facilitation section for each item checked and attach to plan.
4. Fill out the Accessibility Appeal Form, Technical Infeasibility section for each item checked and attach to plans.
5. Provide details from a set of City approved reference drawings, provide its permit application number here: and list reference drawing number on plans.
6. No additional forms required
7. Fill out the Accessibility Appeal Form, Unreasonable Hardship section for each item checked and attach to plan. All UHR must be ratified by the Access Appeals Commission (see UHR form for details)

Y	=	YES
N/A	=	NOT APPLICABLE
RESPON. PARTY	=	RESPONSIBLE PARTY (ie: ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO BE USED AS A MEANS TO INDICATE AREAS OF COMPLIANCE WITH THE CALIFORNIA GREEN BUILDING STANDARDS (CALGREEN) CODE. DUE TO THE VARIABLES BETWEEN BUILDING DEPARTMENT JURISDICTIONS, THIS CHECKLIST IS TO BE USED ON AN INDIVIDUAL PROJECT BASIS AND MAY BE MODIFIED BY THE END USER TO MEET THOSE INDIVIDUAL NEEDS. THE END USER ASSUMES ALL RESPONSIBILITY ASSOCIATED WITH THE USE OF THIS DOCUMENT, INCLUDING VERIFICATION WITH THE FULL CODE.

Y	=	YES
N/A	=	NOT APPLICABLE
RESPON. PARTY	=	RESPONSIBLE PARTY (ie: ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

Y	=	YES
N/A	=	NOT APPLICABLE
RESPON. PARTY	=	RESPONSIBLE PARTY (ie: ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)



2 ENLARGED SITE PLAN @ GATES
SCALE: 1/4"=1'-0"

1 SITE PLAN - OAKLAND MAIN LIBRARY
SCALE: 1/16"=1'-0"

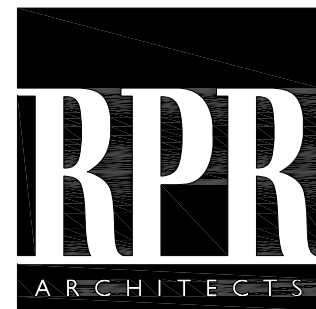
SITE PLAN KEY

	(E) BUILDING FOOTPRINT
	(E) SITE RETAINING WALLS
	PROPOSED SITE FENCE
	AREA OF (N) SIDEWALK
	(E) ACCESSIBLE PATH OF TRAVEL
	LOCATION OF (E) ACCESSIBLE BUILDING ENTRANCE

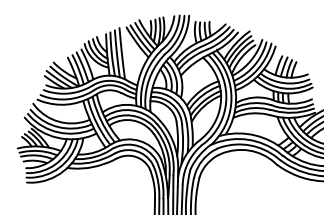
GENERAL NOTES

1. PROTECT (E) SHRUBS @ RETAINING WALL DURING ERECTION OF PROPOSED FENCE, TYP. GENERAL CONTRACTOR TO TRIM & TIE-BACK ALL SHRUBS AS REQUIRED. SEE CITY OF OAKLAND STANDARDS FOR TREE & SHRUB PROTECTION IN DIVISION 01 SPECIFICATIONS.

DRAWING NAME: C:\Projects\04022022_Oakland Main Library\Drawings\CD\1004859_A1.1_Site Plan.dwg
PLOT BY: Adam Carr



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OAKLAND MAIN LIBRARY
INFRASTRUCTURE IMPROVEMENTS
125 14TH STREET



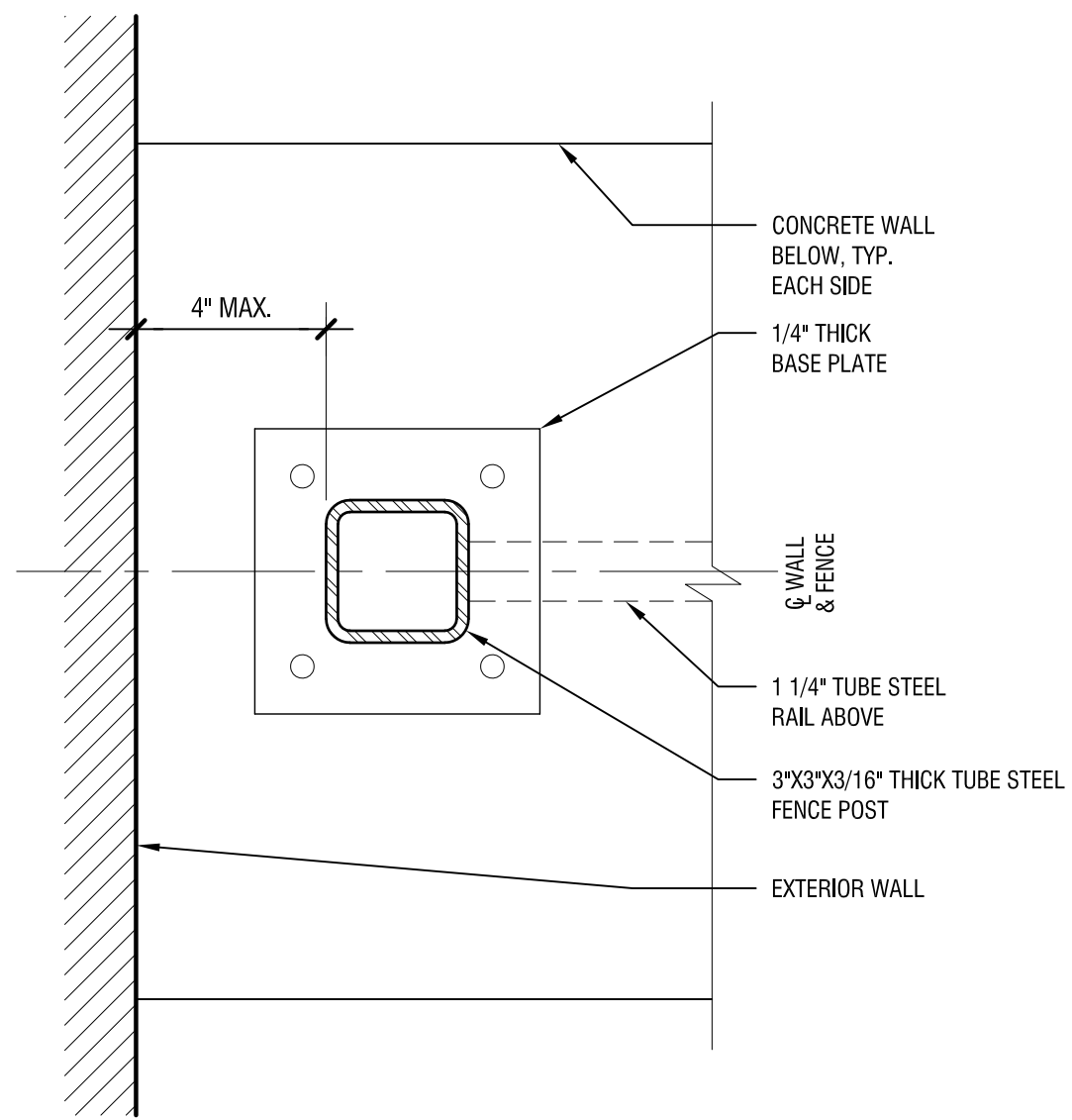
KATHLEEN ROUSEAU	No.	DATE	BY	REFERENCE
RCE NO. C19081 EXP. 06.23	1	02.17.23	RPR	ISSUED FOR BID
CHECKED BY AWC / KAR				
DESIGNED BY AWC / KAR				
DRAWN BY AWC				

SITE PLAN

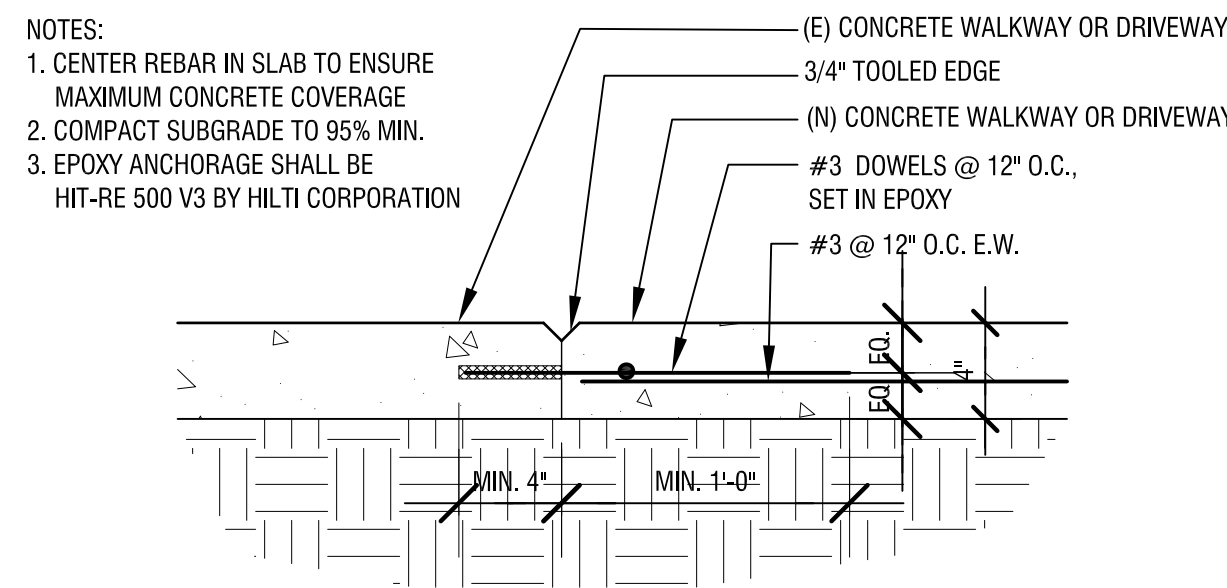
PROJECT NO.
C1004859

SCALE: AS NOTED
HOR: 8 OF 62
VERT: 8 OF 62
DATE: 02.17.23

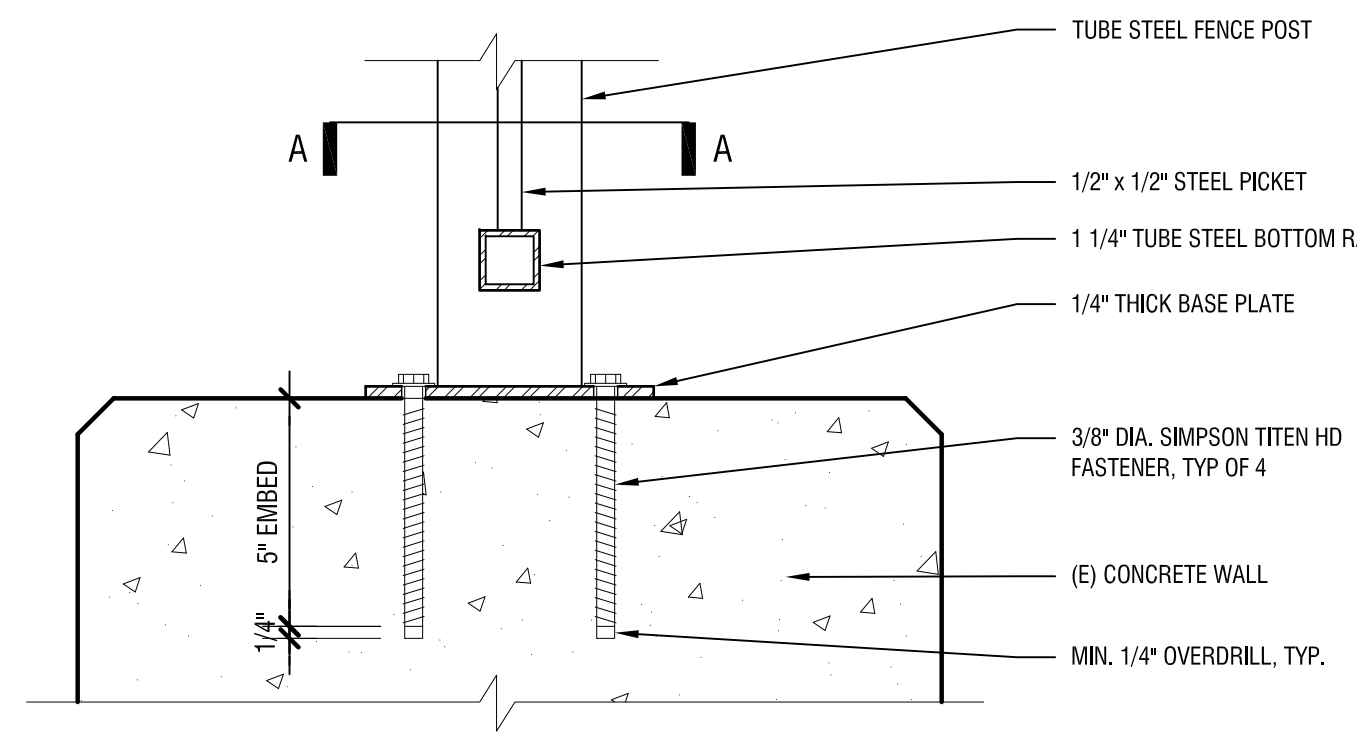
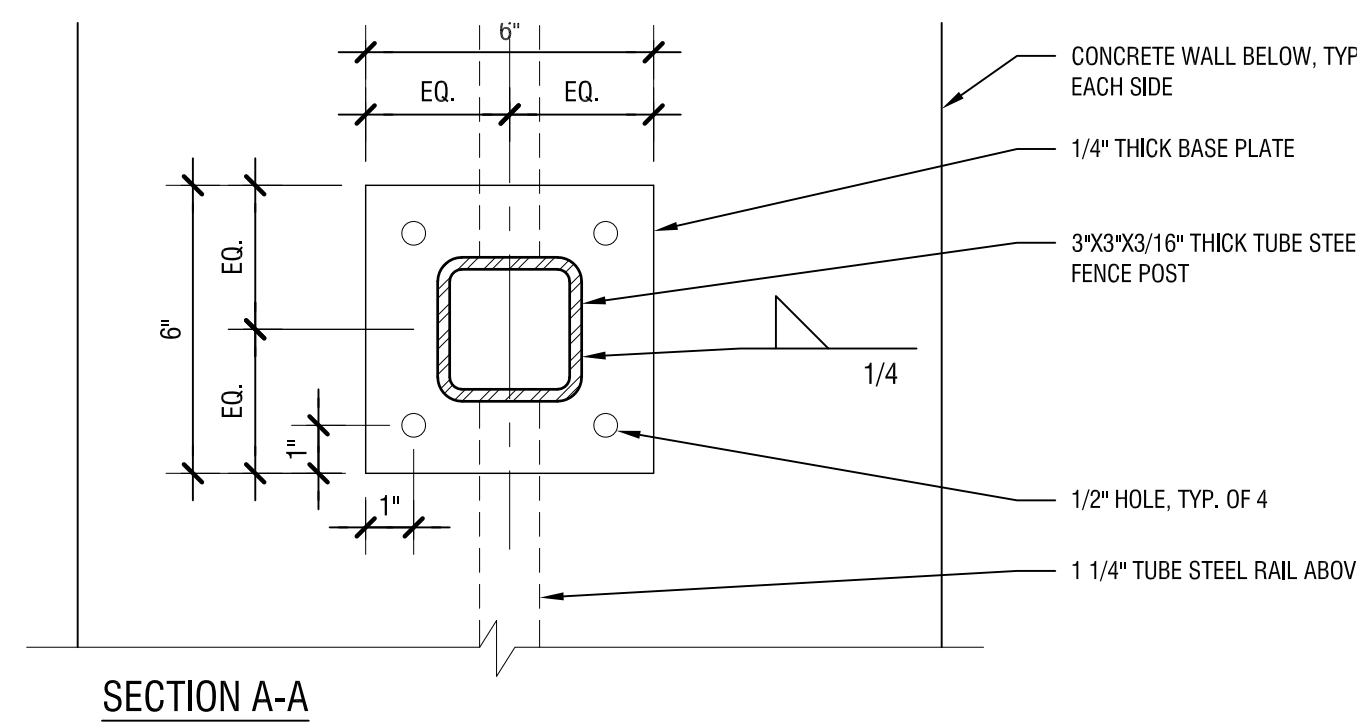
SHEET NO.
A1.1



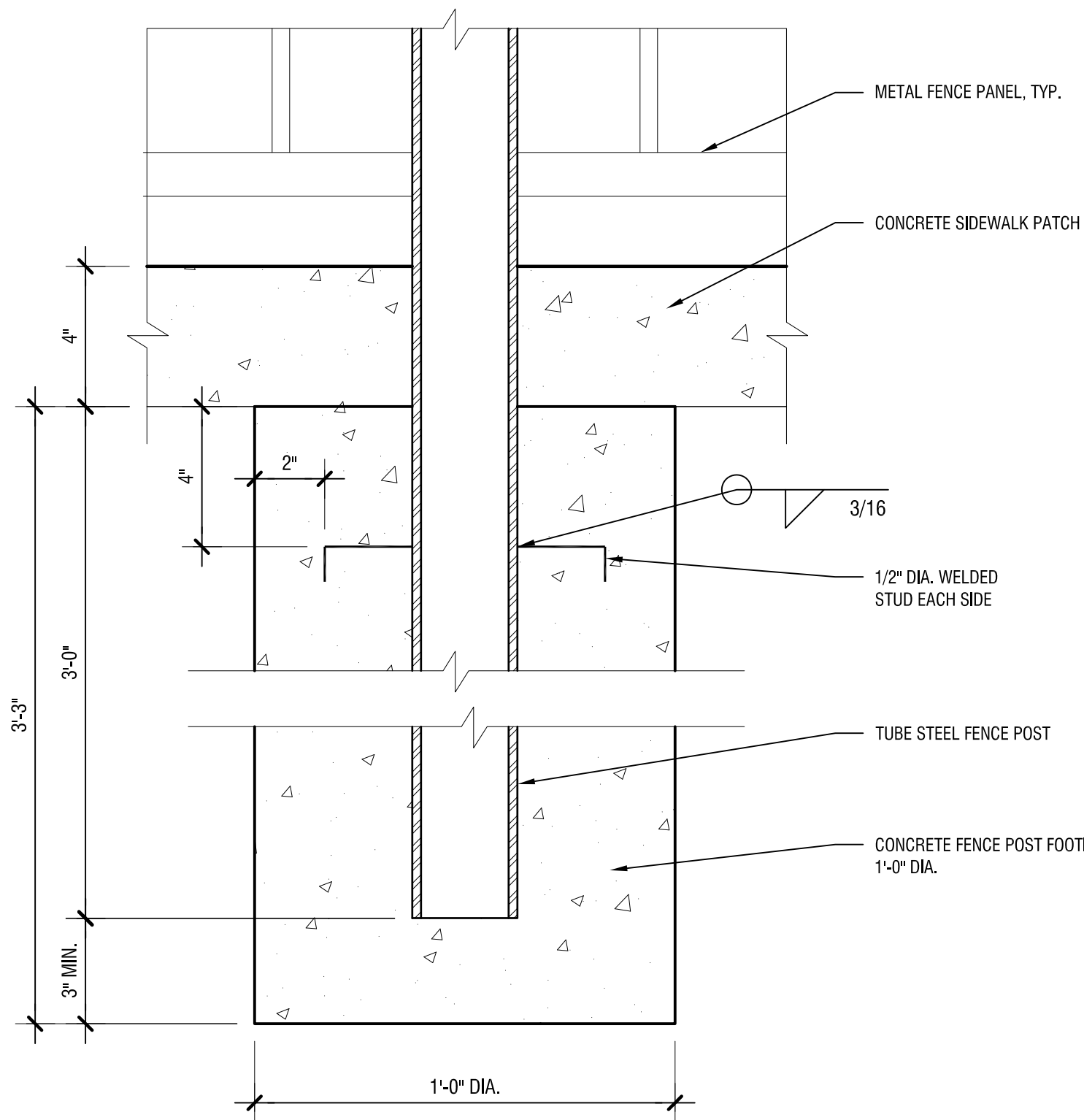
10 TYP. FENCE @ WALL
SCALE: 3/8"=1'-0"



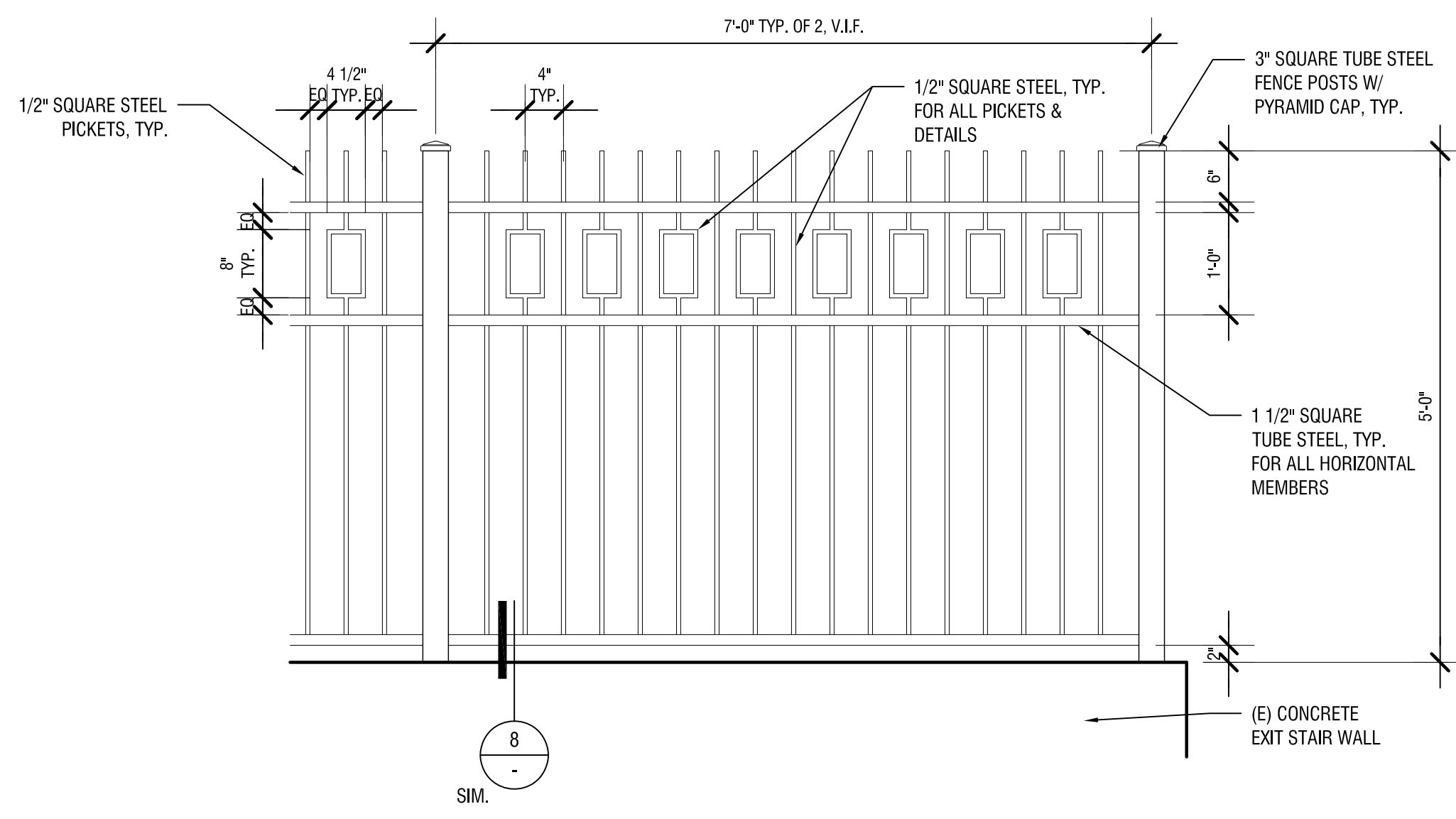
9 TYP. CONCRETE TO CONCRETE DETAIL
SCALE: 1 1/2"=1'-0"



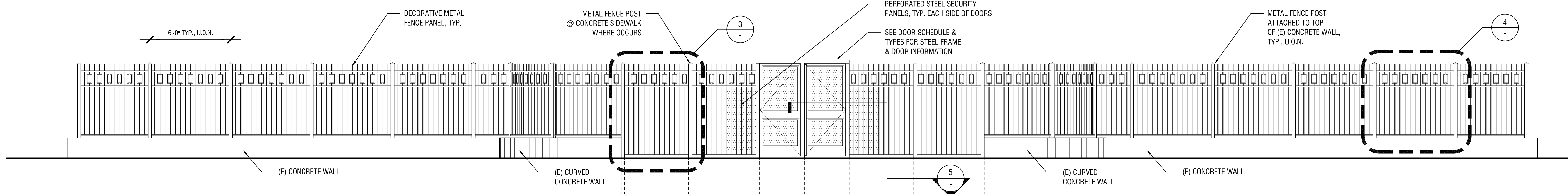
8 FENCE POST MOUNTING @ TOP OF (E) CONC. WALL
SCALE: 3/8"=1'-0"



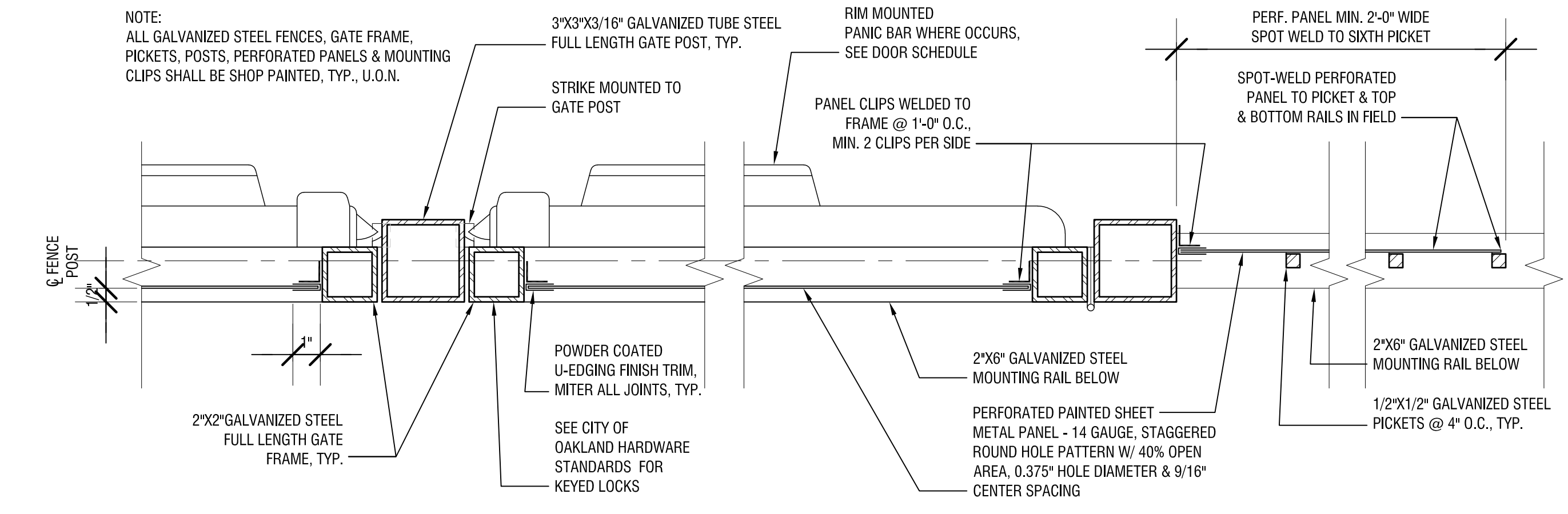
7 FENCE POST MOUNTING @ SIDEWALK - SIM. IN LANDSCAPE
SCALE: 3/8"=1'-0"



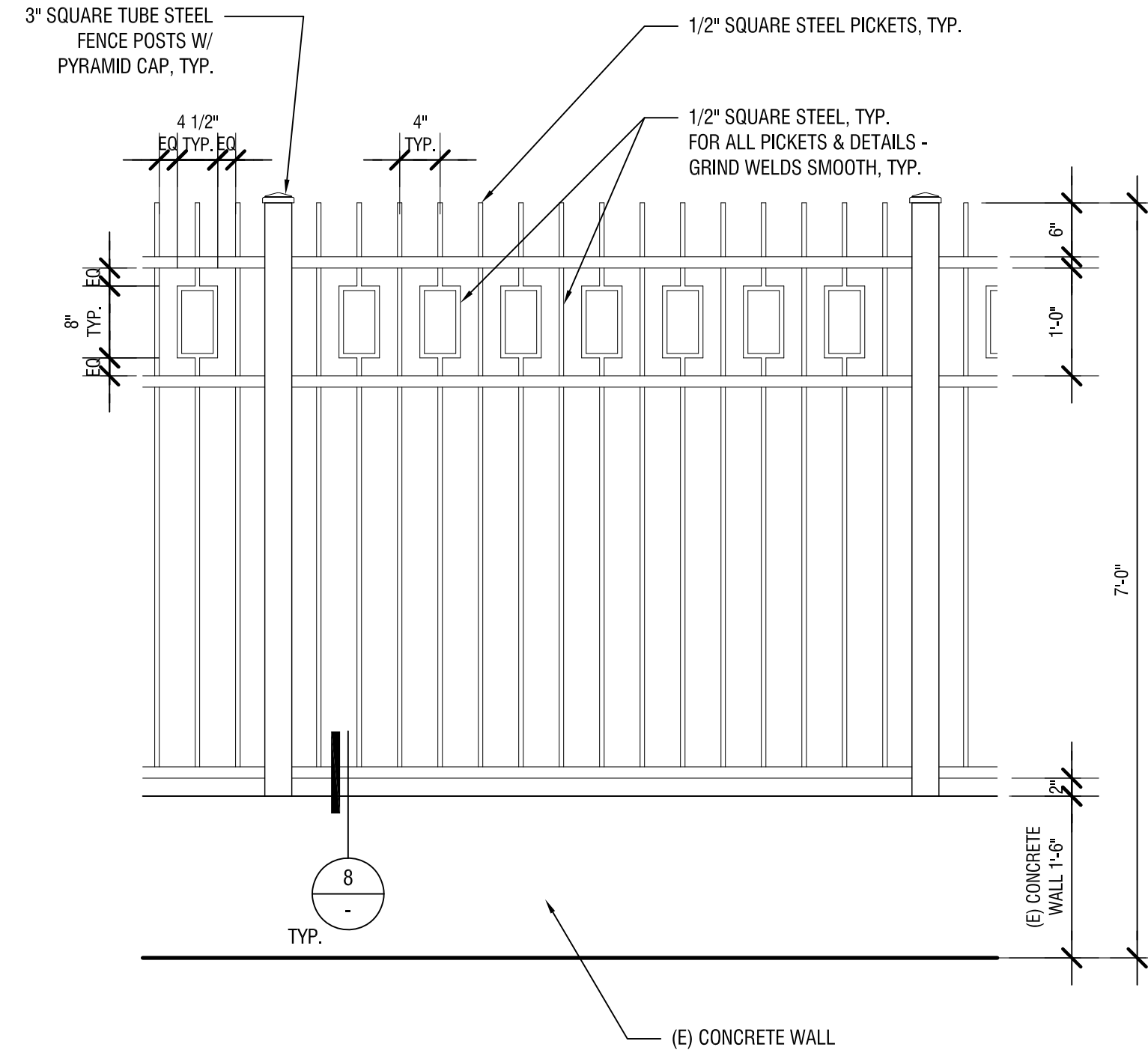
6 WALL MOUNTED FENCE PANEL @ EXIT STAIRS
SCALE: 3/4"=1'-0"



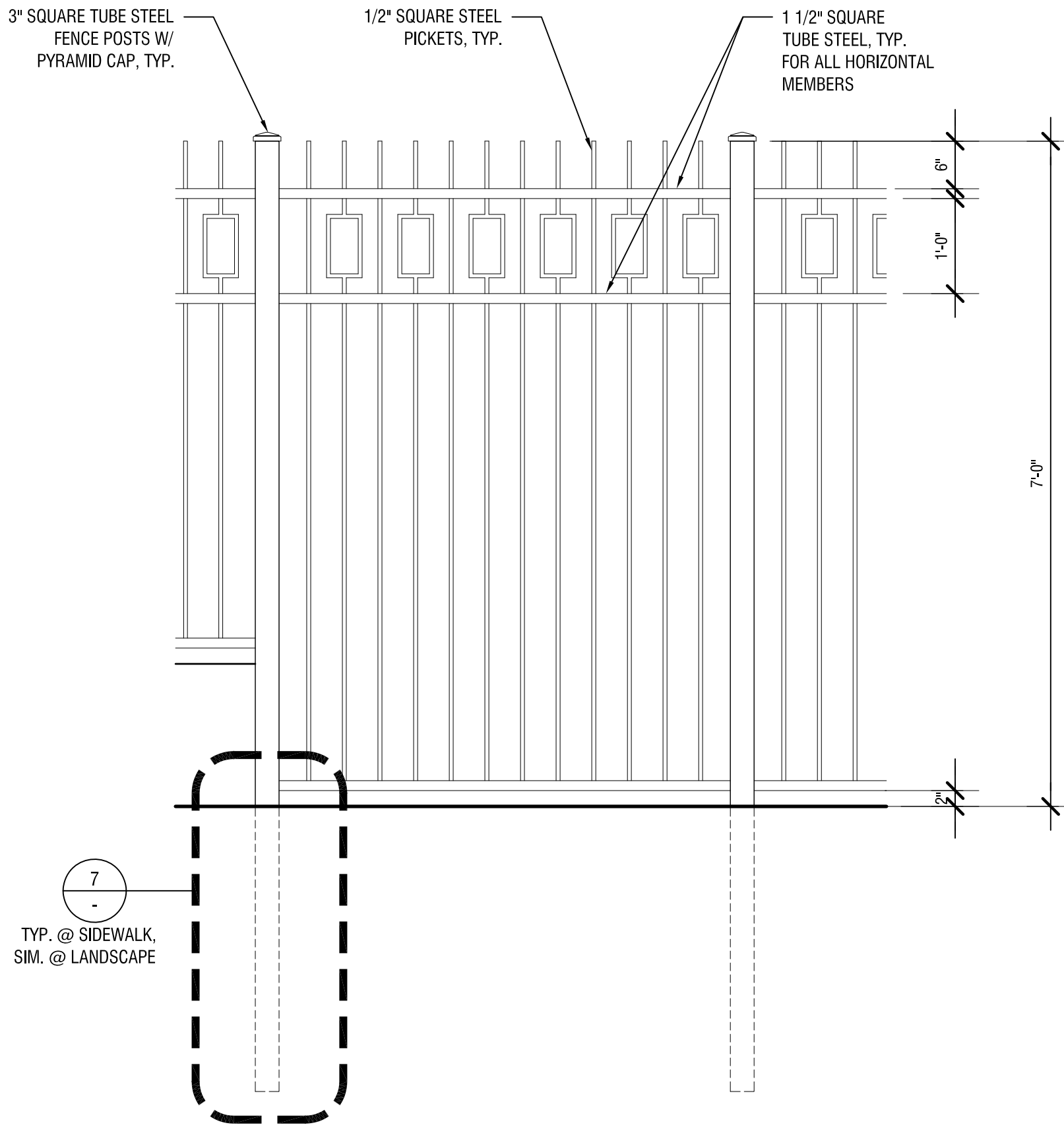
1 WEST FENCE ELEVATION
SCALE: 1/4"=1'-0"



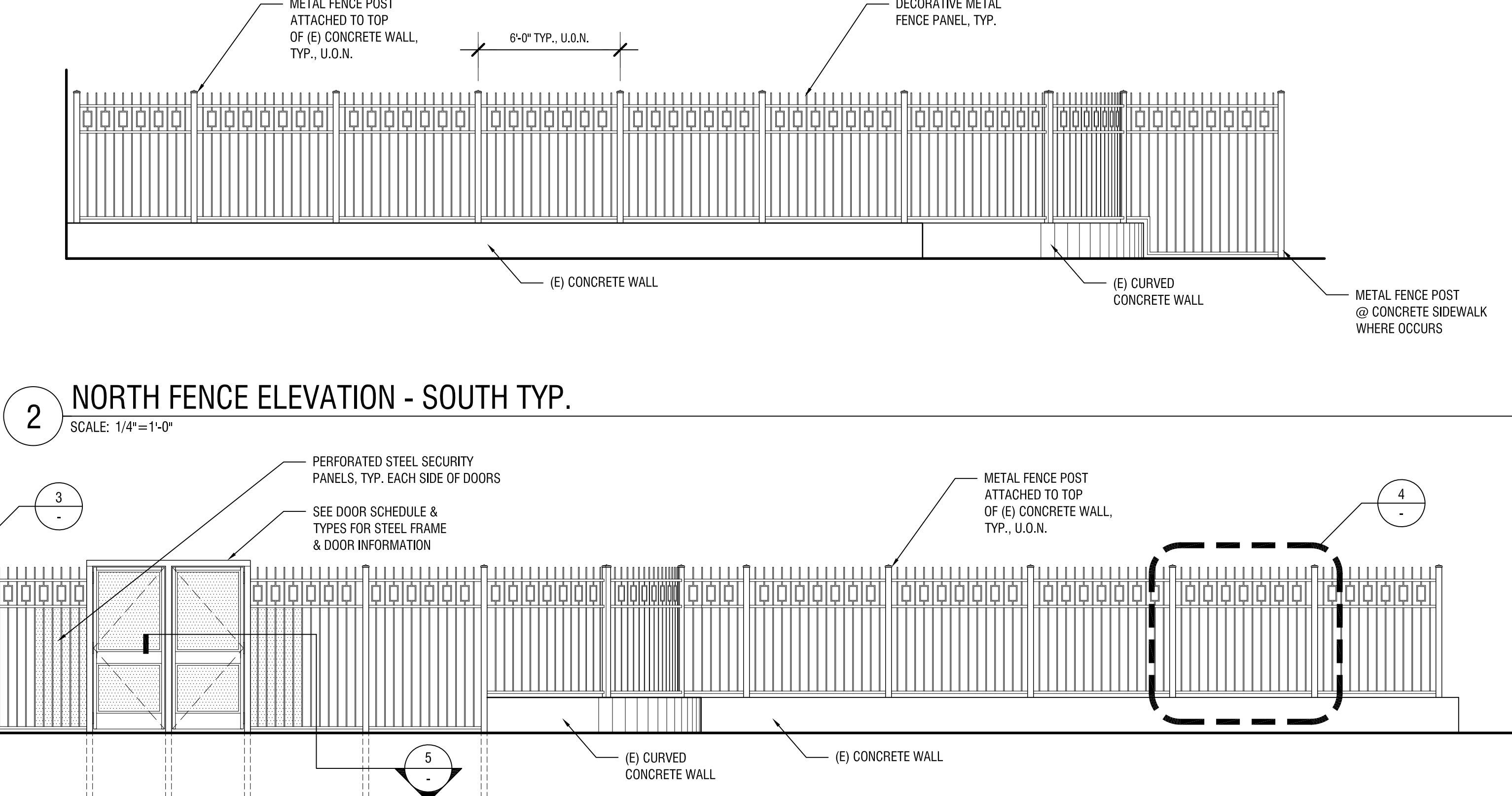
5 STEEL GATE EXIT DEVICE
SCALE: 3/8"=1'-0"



4 TYP. WALL MOUNTED FENCE PANEL
SCALE: 3/4"=1'-0"



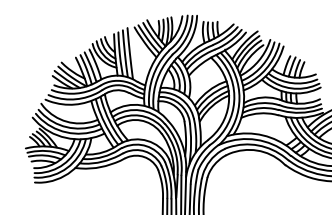
3 TYP. SIDEWALK MOUNTED FENCE PANEL
SCALE: 3/4"=1'-0"



2 NORTH FENCE ELEVATION - SOUTH TYP.
SCALE: 1/4"=1'-0"

DRAWING NAME: C:\projects\2022_Oakland Main Library\Drawings\CD\1004859_A1.2_Site_Details.dwg
PLOT BY: Adam Carr

RPR
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**OAKLAND MAIN LIBRARY
INFRASTRUCTURE IMPROVEMENTS**
125 14TH STREET

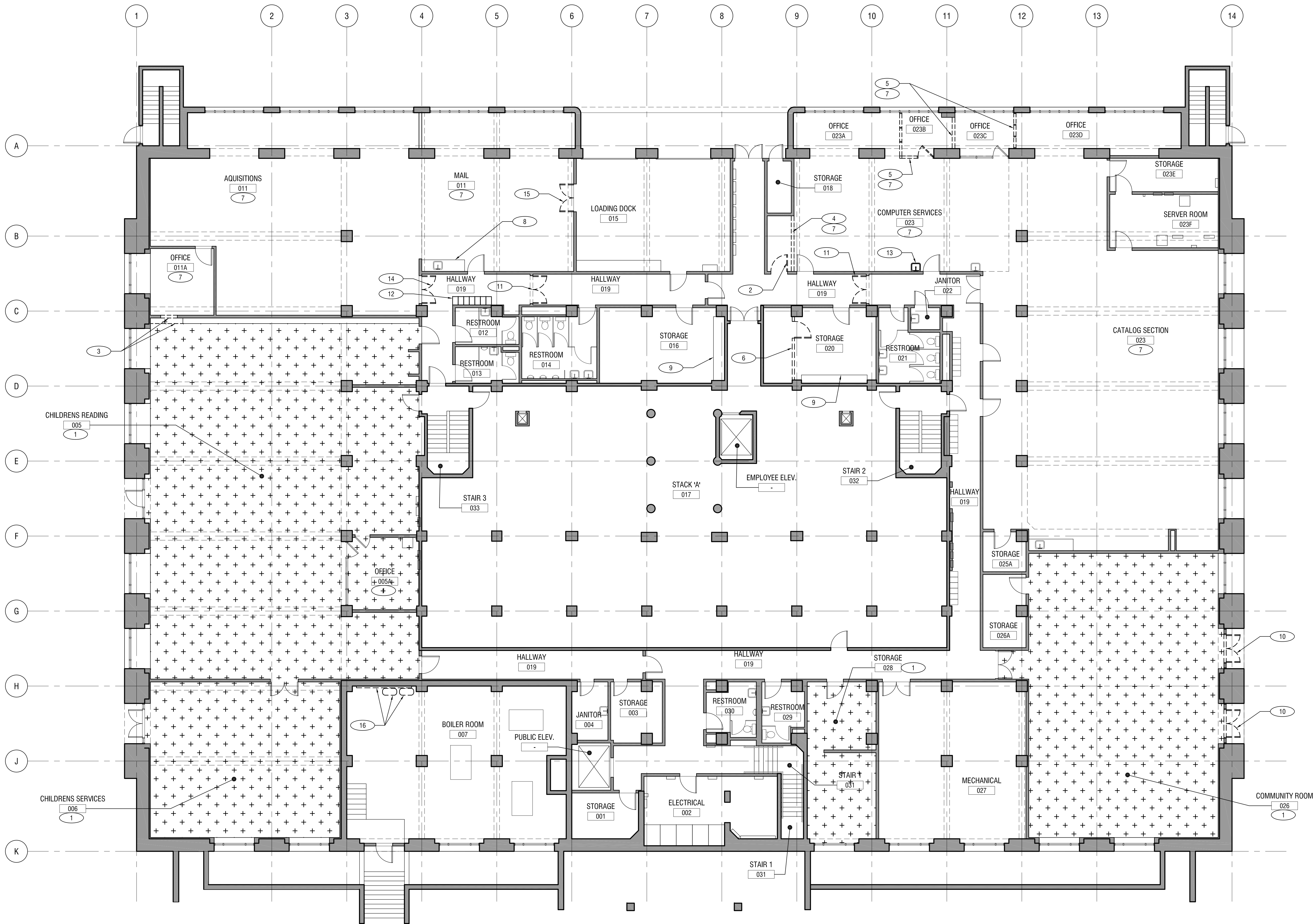


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RCE NO. C19081 EXP. 06.23
CHECKED BY AWC / KAR
DESIGNED BY AWC / KAR
DRAWN BY AWC

No.	DATE	BY	REFERENCE
1	02.17.23	RPR	ISSUED FOR BID

SITE DETAILS

PROJECT NO.
C1004859
SCALE: AS NOTED
HOR: 1/4"=1'-0"
VERT: 1/4"=1'-0"
DATE: 02.17.23
SHEET NO.
A1.2
9 OF 62



1 LEVEL 1 - GROUND FLOOR DEMOLITION PLAN
SCALE: 1/8"=1'-0"

DEMO KEY NOTES

1	DEMO CARPET, ADHESIVES & TRANSITION STRIP - PREPARE SUBSTRATE TO RECEIVE (N) CARPET TILES. IF SUBSTRATE IS VINYL ASBESTOS TILE, PROTECT & CLEAN CARPET ADHESIVE AS REQUIRED.
2	DEMO DOOR, FRAME & PORTIONS OF ADJACENT WALLS AS REQD. - SEE FLOOR PLAN
3	DEMO PORTION OF WALL & BOOK SHELVES. PROTECT ADJACENT BOOK SHELVES. SEE FLOOR PLAN
4	DEMO PORTION OF WALL. RE-ROUTE (E) CONDUITS & CAP (E) WATER & DRAIN LINES
5	DEMO WALLS, DOOR, FRAME & GLAZING @ OFFICES
6	DEMO CAGE - PROTECT (E) SHELVING
7	PROTECT (E) VINYL ASBESTOS TILE FLOORING
8	PROTECT (E) MILLWORK
9	PROTECT (E) SHELVING
10	DEMO DOOR, FRAME & GLAZING
11	REMOVE DOOR LEAVES & SAVE. ADJACENT JAMBS, HEAD, FRAME & WALLS TO REMAIN
12	REMOVE & RELOCATE (E) LOCKERS. COORDINATE W/ LIBRARY STAFF FOR (N) LOCATION
13	DEMO SINK. CAP ALL WATER LINES & DRAINS WITHIN WALL. PATCH, REPAIR & PAINT WALL TO MATCH (E)
14	REMOVE & SAVE DOORS & FRAME FOR REINSTALLATION. SEE DOOR SCHEDULE
15	REMOVE & MODIFY DOORS PER DOOR SCHEDULE FOR REINSTALLATION.
16	DEMO COMPRESSORS & ASSOCIATED PNEUMATIC BOILER CONTROLS, S.M.D.

DEMO KEY

	DEMO CARPET - VERIFY SUBSTRATE BENEATH. PROTECT VINYL ASBESTOS TILE IF OCCURS BENEATH CARPET
--	--

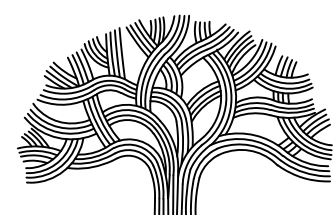
DEMO NOTES

- GENERAL CONTRACTOR MUST COMPLY W/ CITY OF OAKLAND CONSTRUCTION DEMOLITION & DEBRIS WASTE REDUCTION & RECYCLING ORDINANCE PER O.M.C. SECTION 15.34.

DRAWING NAME: C:\Projects\040222_Oakland Main Library\Drawings\CD\10102_A02_1_Ground Floor_Demolition.dwg
PLOTTER: RPR
PLOTTER BY: Adam Carr



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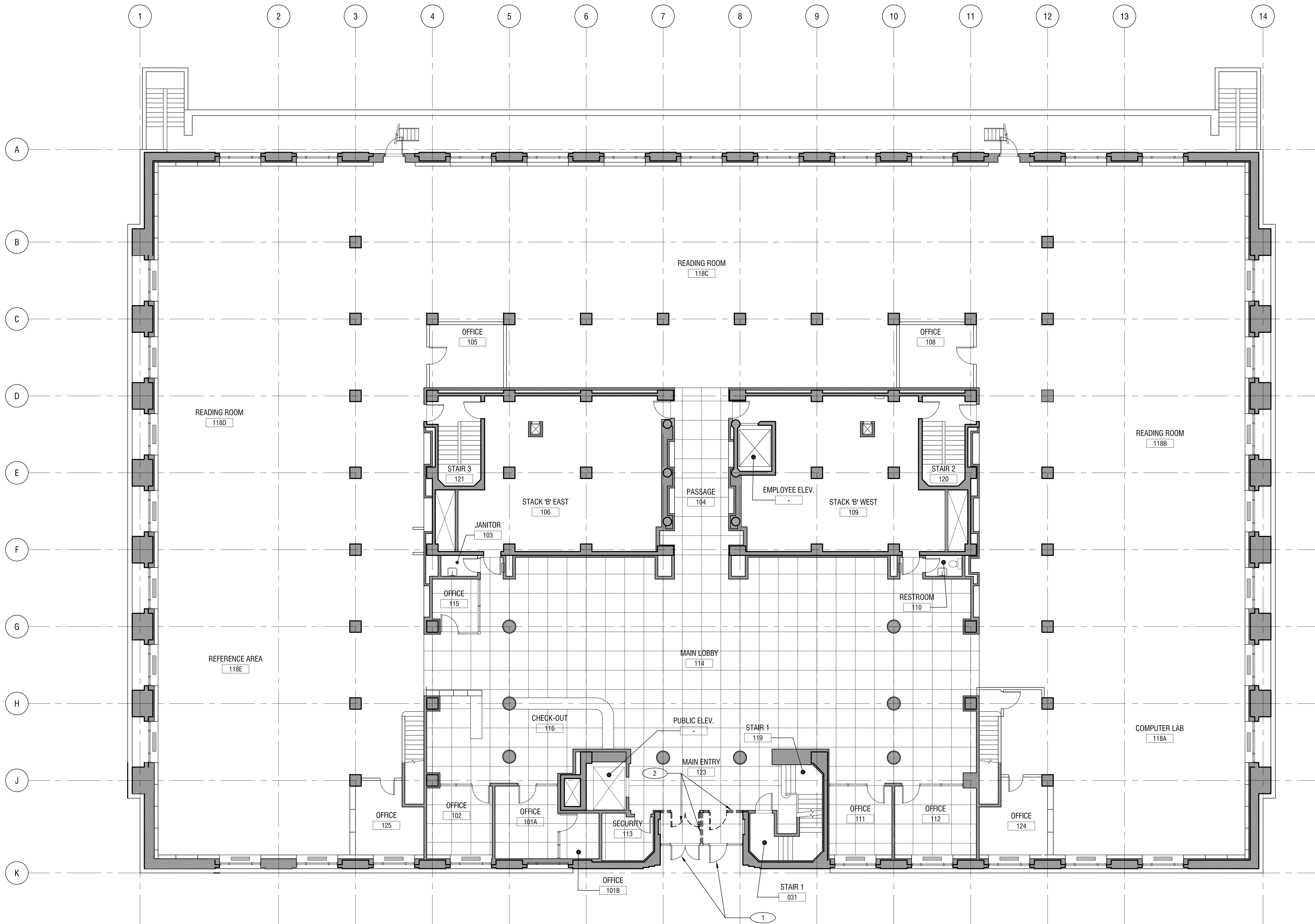
KATHLEEN ROUSEAU
RCE NO. C19081 EXP. 06.23
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DRAWN BY AWC

No.	DATE	BY	REFERENCE
1	02.17.23	RPR	ISSUED FOR BID

LEVEL 1 - GROUND FLOOR
DEMOLITION PLAN

PROJECT NO.
C1004859

SCALE: AS NOTED
HOR: 1
VERT: 1
DATE: 02.17.23
SHEET NO.
AD2.1
10 OF 62



1 LEVEL 2 - FIRST FLOOR DEMOLITION PLAN
SCALE: 1/8"=1'-0"

KEY NOTES

- (E) DOOR LEAVES @ MAIN ENTRY TO REMAIN - PROTECT STOREFRONT SYSTEM & (E) AUTOMATIC ADA PUSH BUTTON DOOR OPENER
- DEMO VESTIBULE & ASSOCIATED DOORS & CEILING - PROTECT FLOORS & WALLS

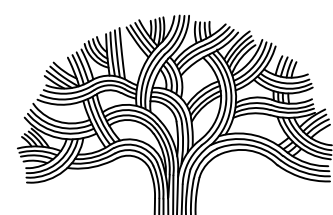
DEMO NOTES

- PROTECT ALL FLOORING SURFACES DURING DEMOLITION @ FRONT ENTRY DOORS.
- GENERAL CONTRACTOR MUST COMPLY W/ CITY OF OAKLAND CONSTRUCTION DEMOLITION & DEBRIS WASTE REDUCTION & RECYCLING ORDINANCE PER O.M.C. SECTION 15.34.
- REMOVE ALL WINDOW BLINDS FROM ROOMS 118A, 118B, 118C, 118D & 118E. SAVE, CLEAN, INSPECT FOR DAMAGE & STORE. CITY OF OAKLAND WILL DETERMINE W/ ASSISTANCE FROM THE GENERAL CONTRACTOR WHETHER TO REPAIR & REINSTALL WINDOW BLINDS.

DRAWING NAME: C:\projects\Oakland Main Library\Drawings\CD\180102_A02.2_First Floor_Demo.dwg
PLOTTER: RPR
PLOTTER BY: Adam Carr



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DRAWN BY AWC

No.	DATE	BY	REFERENCE
1	02.17.23	RPR	ISSUED FOR BID

LEVEL 2 - FIRST FLOOR
DEMOLITION PLAN

PROJECT NO.
C1004859

SCALE: AS NOTED
HOR: 11
VERT: 11
DATE: 02.17.23

SHEET NO.
AD2.2
11 OF 62



1 LEVEL 1 - GROUND FLOOR DEMOLITION REFLECTED CEILING PLAN
SCALE: 1/8"=1'-0"

DEMO CEILING KEY

	D-1	DEMO RECESSED 2X4 FLUORESCENT LIGHT FIXTURE
	D-2	DEMO SURFACE MOUNTED DOUBLE 1X4 FLUORESCENT LIGHT FIXTURE
	D-3	DEMO FLUORESCENT LIGHT FIXTURE, TYP. @ ALL LEVELS OF STAIR #1 & STAIR #2. PROVIDE TEMPORARY EMERGENCY LIGHTING FOR ENTIRE STAIRWAY DURING CONSTRUCTION
	D-4	DEMO 24X48 ACOUSTICAL CEILING TILES, T-BAR, SUPPORT STRUCTURE & BRACING
	D-5	DEMO 12X12 ACOUSTICAL CEILING TILES & ADHESIVE. CLEAN CONCRETE SUBSTRATE TO ACCEPT (N) CEILING TILES

KEY NOTES

- DEMO CEILING MOUNTED SIGNAGE. SAVE FOR FUTURE USE
- (E) LIGHT FIXTURES TO REMAIN

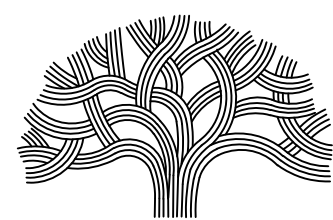
DEMO NOTES

- GENERAL CONTRACTOR MUST COMPLY W/ CITY OF OAKLAND CONSTRUCTION DEMOLITION & DEBRIS WASTE REDUCTION & RECYCLING ORDINANCE PER O.M.C. SECTION 15.34.

DRAWING NAME: D:\Projects\Oakland Main Library\Drawings\CD\18109_022_022_Ground Floor_RCP_Demo.dwg
PLOTTER: RPR
PLOTTER BY: Adam Carr



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125 14TH STREET



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RCE NO. C19081 EXP. 06.23	1	02.17.23	RPR	ISSUED FOR BID
CHECKED BY AWC / KAR				
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LEVEL 1 - GROUND FLOOR
R.C.P. DEMOLITION

PROJECT NO.
C1004859

SCALE: AS NOTED
HOR:
VERT:
DATE: 02.17.23

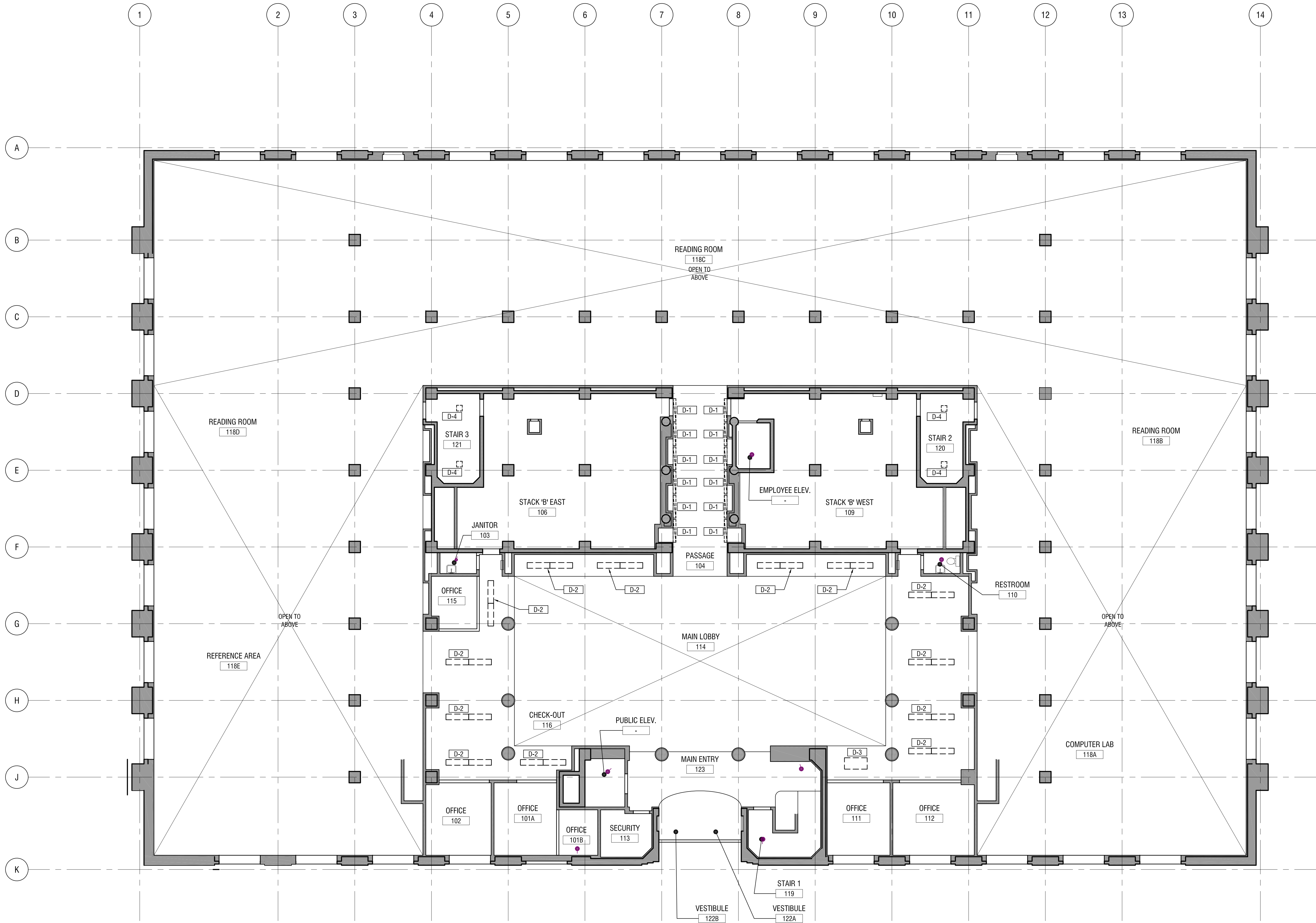
SHEET NO.
AD2.3
12 OF 62

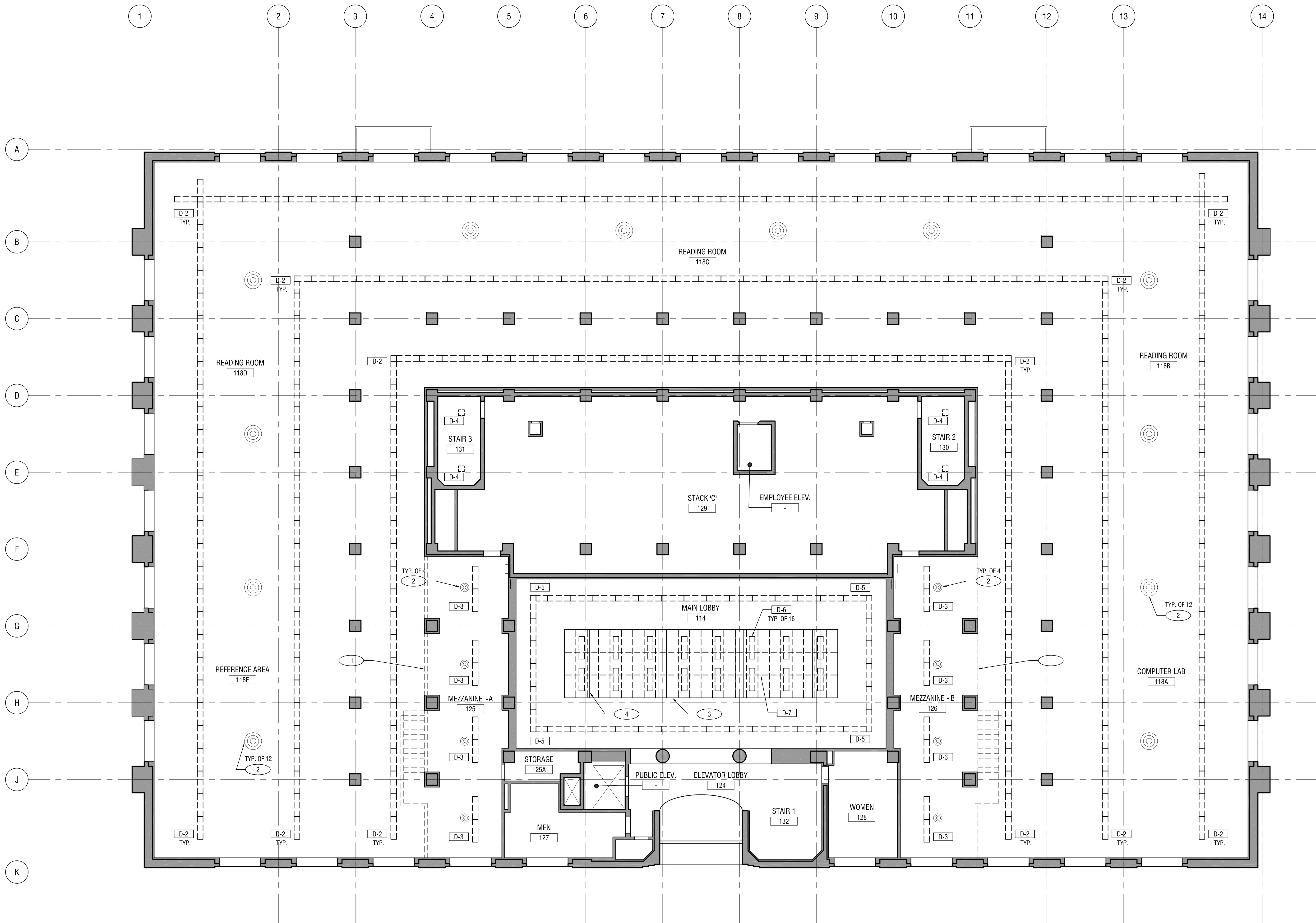
DEMO CEILING KEY

	D-1	DEMO WALL MOUNTED RECESSED FIXTURE
	D-2	DEMO SURFACE MOUNTED DOUBLE 1X4 FLUORESCENT LIGHT FIXTURE
	D-3	DEMO SURFACE MOUNTED 2X4 FLUORESCENT LIGHT FIXTURE
	D-4	DEMO FLUORESCENT LIGHT FIXTURE, TYP. @ ALL LEVELS OF STAIR #1 & STAIR #2. PROVIDE TEMPORARY EMERGENCY LIGHTING FOR ENTIRE STAIRWAY DURING CONSTRUCTION

GENERAL NOTES

- (E) LIGHT FIXTURES NOT SHOWN ON DEMOLITION REFLECTED CEILING PLANS FOR CLARITY - ONLY LIGHT FIXTURES TO BE REMOVED ARE SHOWN.
- SEE REFLECTED CEILING PLAN FOR MORE INFORMATION PERTAINING TO REMOVAL & REPLACEMENT OF (E) ACUSTICAL CEILING TILES.
- GENERAL CONTRACTOR MUST COMPLY W/ CITY OF OAKLAND CONSTRUCTION DEMOLITION & DEBRIS WASTE REDUCTION & RECYCLING ORDINANCE PER O.M.C. SECTION 15.34.





1 LEVEL 3 - MEZZANINE DEMOLITION REFLECTED CEILING PLAN
SCALE: 1/8"=1'-0"

DEMO CEILING KEY

	D-1	DEMO WALL MOUNTED RECESSED FIXTURE
	D-2	DEMO CONTINUOUS STRIP SURFACE MOUNTED 1'x4' FLUORESCENT LIGHT FIXTURES
	D-3	DEMO SURFACE MOUNTED DOUBLE 1'x4' FLUORESCENT LIGHT FIXTURE
	D-4	DEMO SURFACE MOUNTED 1'x1' FLUORESCENT LIGHT FIXTURE, TYP. @ ALL LEVELS OF STAIR #1 & STAIR #2
	D-5	DEMO RECESSED CONTINUOUS STRIP 1'x4' FLUORESCENT LIGHT FIXTURE
	D-6	DEMO PENDANT MOUNTED 1'x4' FLUORESCENT LIGHT FIXTURE, TYP. OF 16 IN SKYLIGHT WELL
	D-7	REMOVE & CLEAN 2'x4' GRID CEILING & BAPFLES @ SKYLIGHT WELL, SAVE FOR REINSTALLATION, SEE R.C.P., TYP.

KEY NOTES

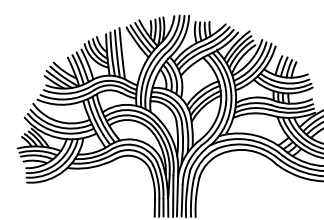
- 1 LOW WALLS & STAIRS @ MEZZANINE SHOW DASHED FOR REFERENCE
- 2 (E) H.V.A.C. REGISTER, TYP.
- 3 EDGE OF CEILING OPENING @ SKYLIGHT
- 4 (E) BEAMS WRAPPED IN PLASTER

DEMO NOTES

1. (E) LIGHT FIXTURES NOT SHOWN ON DEMOLITION REFLECTED CEILING PLANS FOR CLARITY - ONLY LIGHT FIXTURES TO BE REMOVED ARE SHOWN.
2. PROTECT ALL (E) 1'x1' ACOUSTICAL CEILING TILES TO REMAIN, SEE R.C.P. ON SHEET A2.7 FOR DIRECTION PERTAINING TO REPLACEMENT OF DAMAGED, BROKEN OR WATER STAINED 1'x1' TILES.
3. GENERAL CONTRACTOR MUST COMPLY W/ CITY OF OAKLAND CONSTRUCTION DEMOLITION & DEBRIS WASTE REDUCTION & RECYCLING ORDINANCE PER O.M.C. SECTION 15.34.
4. GENERAL CONTRACTOR TO COORDINATE SELECTIVE DEMO IN FIELD @ CEILING WHERE (N) FANS TO BE INSTALLED, SEE A2.7 & S1.2



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OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET



KATHLEEN ROUSEAU

RCE NO. C19081 EXP. 06.23

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DESIGNED BY AWC / KAR

DRAWN BY AWC

No.	DATE	BY	REFERENCE
1	02.17.23	RPR	ISSUED FOR BID

LEVEL 3 - MEZZANINE
DEMOLITION REFLECTED
CEILING PLAN

PROJECT NO.
C1004859

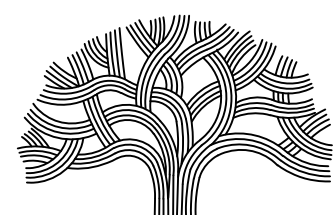
SCALE: AS NOTED
HOR:
VERT:
DATE: 02.17.23

SHEET NO.
AD2.5
14 OF 62

DRAWING NAME: C:\Projects\01002_Oakland Main Library\Drawings\CD 10102_A2_1_Ground Floor_Finish.dwg
PLOTED BY: Adam Carr



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OAKLAND MAIN LIBRARY
INFRASTRUCTURE IMPROVEMENTS
125 14TH STREET



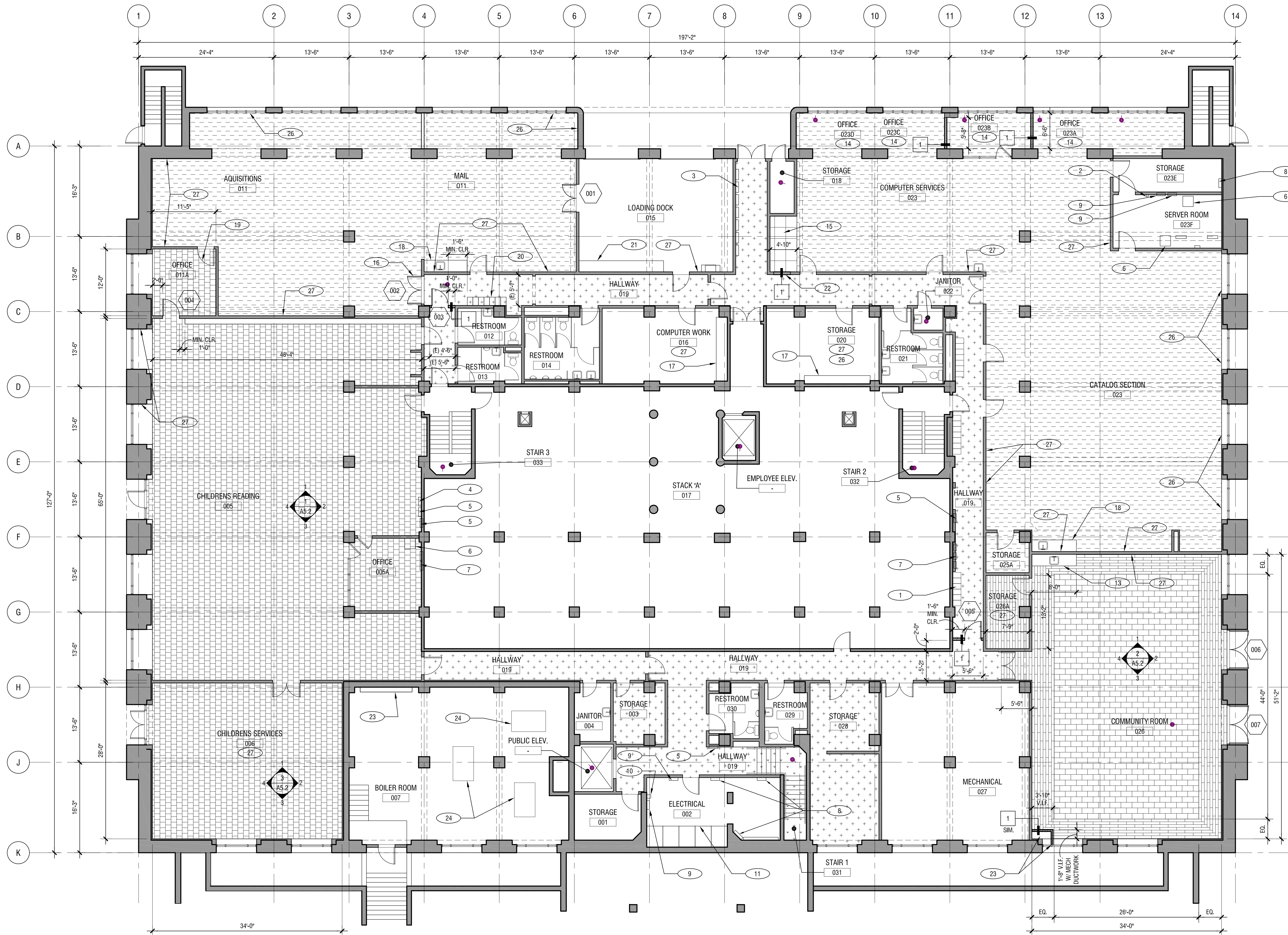
KATHLEEN ROUSEAU	No.	DATE	BY	REFERENCE
RCE NO. C19081	1	02.17.23	RPR	ISSUED FOR BID
CHECKED BY				
DESIGNED BY				
DRAWN BY				

LEVEL 1 - GROUND FLOOR
FINISH PLAN

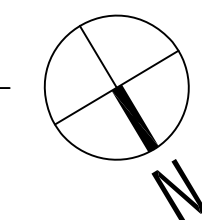
PROJECT NO.
C1004859

SCALE: AS NOTED
HOR:
VERT:
DATE: 02.17.23

SHEET NO.
A2.1
15 OF 62



1 LEVEL 1 - GROUND FLOOR CONSTRUCTION PLAN
SCALE: 1/8"=1'-0"



KEY NOTES

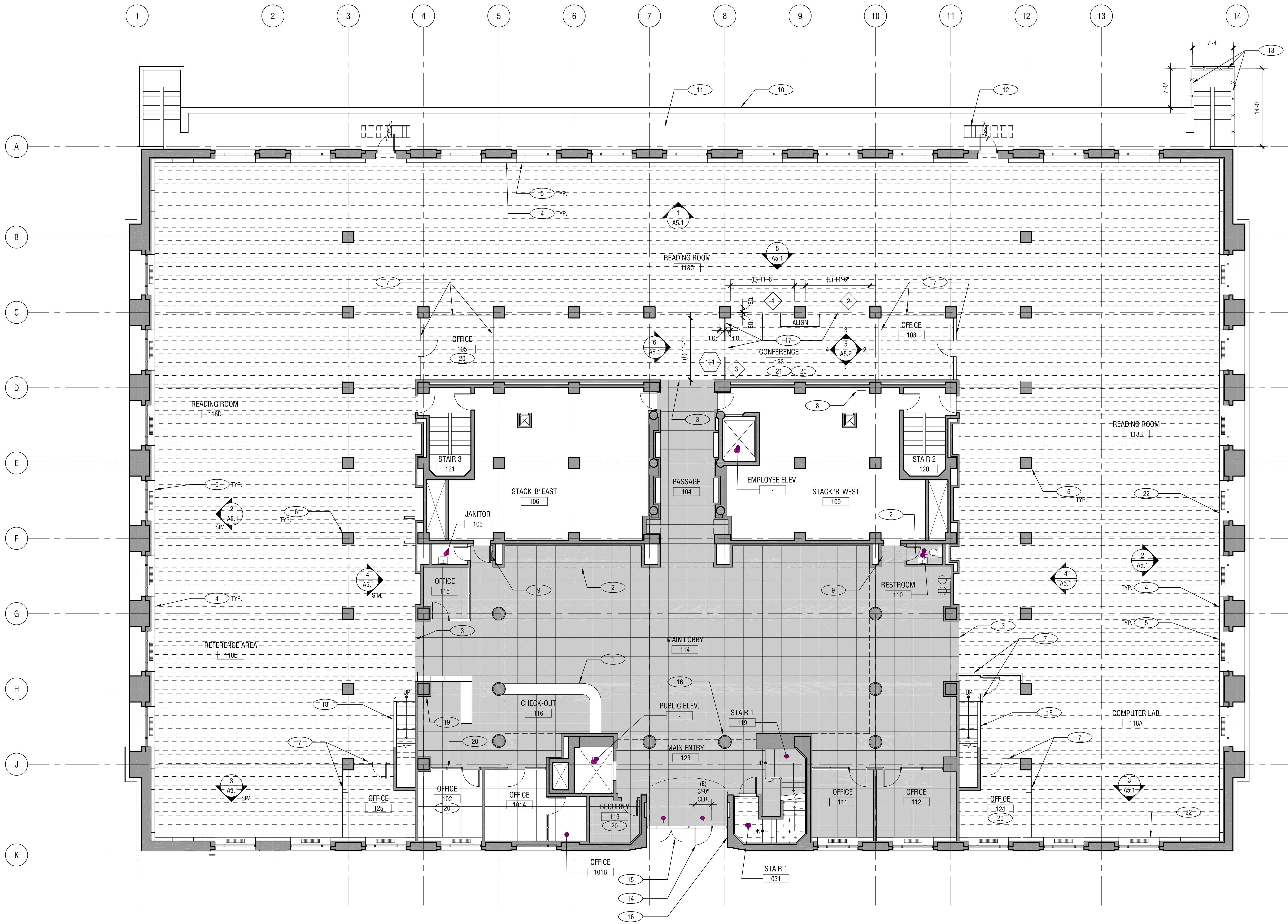
1	(E) LOCKERS - TEMPORARILY REMOVE FOR FLOOR RESTORATION. REINSTALL IN ORIGINAL LOCATION, TYP.
2	(E) SERVER ROOM EMERGENCY DISCONNECT SWITCH
3	(E) FIRE ALARM PANELS, TYP. ALONG WALL - PROTECT DURING CONSTRUCTION
4	REPLACE LIGHTING CONTROL PANEL, S.E.D. PATCH, REPAIR & PAINT SURROUNDING WALLS TO MATCH (E). PROVIDE PAINTED WOOD TRIM AS REQUIRED FOR A CLEAN INSTALLATION, TYP.
5	REPLACE ELECTRICAL PANEL, S.E.D. PATCH, REPAIR & PAINT SURROUNDING WALLS TO MATCH (E). PROVIDE PAINTED WOOD TRIM AS REQUIRED FOR A CLEAN INSTALLATION, TYP.
6	(E) SERVER RACK
7	(E) DATA PANELS
8	(E) PHONE BOARDS
9	(E) ELECTRICAL PANEL, SEE ELECTRICAL DRAWINGS
10	(E) ELECTRICAL METER, SEE ELECTRICAL DRAWINGS
11	(E) MAIN ELECTRICAL SWITCHGEAR, SEE ELECTRICAL DRAWINGS
12	(E) SERVER RACK
13	MILLWORK, COUNTER & SINK - S.E.D., S.P.D.
14	REPAIR FLOORING IN AREA OF DEMO WALLS TO MATCH (E), TYP.
15	V.C.T. FLOOR FINISH IN VESTIBULE TO COLOR MATCH (E) ADJACENT V.A.T. - PROVIDE SCHLUTER TRANSITION STRIP BETWEEN FLOOR FINISHES
16	REINSTALL (E) DOORS & REVERSE SWING
17	PROTECT (E) SHELVING
18	PROTECT (E) MILLWORK, SINK & COUNTER
19	(E) DOOR TO BE PERMANENTLY LOCKED
20	RELOCATED (E) LOCKERS
21	(E) CABINETS TO REMAIN - PROTECT DURING CONSTRUCTION
22	WALL INFILL
23	(N) BOILER CONTROLS, S.M.D. - COORDINATE IN FIELD W/ CITY OF OAKLAND PUBLIC WORKS & CITY OF OAKLAND I.T. DEPT. FOR ROUTING OF LOW VOLTAGE COMMUNICATION CABLING TO BOILERS & ROOFTOP FAN ROOMS
24	(E) BOILERS - S.M.D. FOR (N) BOILER CONTROLS
25	(N) MECHANICAL CHASE - COORDINATE IN FIELD W/ MECHANICAL DRAWINGS. LOCATION OF (E) WINDOW MULLION & LOUVER IN WINDOW. PAINT LOUVER TO MATCH (E) WINDOW MULLIONS. PAINT GYPSUM BOARD WALLS OF CHASE TO MATCH SOFFIT & ADJACENT WALLS, TYP.
26	PAINT ALL SURFACE MOUNTED CONDUIT TO MATCH ADJACENT WALL COLOR, S.E.D. FOR NUMBER & LOCATIONS OF OUTLETS, TYP.
27	PATCH, REPAIR & PAINT WALLS @ (N) OUTLET LOCATIONS, S.E.D. FOR NUMBER & LOCATIONS OF OUTLETS, TYP.

FLOORING KEY

	DIAMOND POLISH & STAIN (E) STAINED CONCRETE FLOORING. COLOR TO MATCH (E)
	MANUFACTURER: MANNINGTON COMMERCIAL LINE: STRUCTURE PRIMARY ELEMENTS LVT COLOR F-2: *POINT* #PE137 - 30% FIELD COLOR F-3: *BEAM* #PE132 - 20% ACCENT COLOR F-4: *CADMIUM* #PE123 - 20% ACCENT COLOR F-5: *SPARK* #PE127 - 10% ACCENT COLOR F-6: *AZURE* #PE129 - 10% ACCENT COLOR F-7: *AURA* #PE124 - 10% ACCENT SIZE: 12"x12" PATTERN: RANDOM T.B.D. IN FIELD BY INSTALLER PER FIELD & ACCENT COLOR PERCENTAGES
	MANUFACTURER: MANNINGTON COMMERCIAL LINE: NO RESERVATING XPRESS LVT STYLE: WOOD COLOR F-8: *ENDLESS* #NR106 SIZE: 12"x24" PLANK FIELD
	MANUFACTURER: MANNINGTON LINE: NO RESERVATING XPRESS LVT STYLE: STONE COLOR F-9: *REBELLIOUS* #NR202 SIZE: 6"x36" PLANK DESCRIPTION: ACCENT BORDER
	CLEAN & RESTORE (E) VINYL ASBESTOS TILES
	REPAIR & RESTORE (E) TERRAZZO FLOORING & INTEGRAL BASE
	MANUFACTURER: ARMSTRONG LINE: VINYL COMPOSITION TILE COLOR: T.B.D. NUMBER: T.B.D. SIZE: 12"x12" PATTERN: MONOLITHIC

GENERAL NOTES

- SEE FINISH SCHEDULE, NOTES & PAINT LEGEND ON SHEET A7.1 FOR INFORMATION ON PAINT COLORS, TYPES & BASEBOARD CONDITIONS.
- SEE INTERIOR ELEVATIONS ON SHEETS A5.1 & A5.2 FOR MORE INFORMATION ON INTERIOR WALL & BASEBOARD PAINTING.



1 LEVEL 2 - FIRST FLOOR CONSTRUCTION PLAN
SCALE: 1/8" = 1'-0"

KEY NOTES

1	(E) BUILT-IN WOOD CHECK OUT COUNTER
2	CLEAN TILE FLOORING IN RESTROOM #110
3	FLOOR TRANSITION STRIP TO MATCH COLOR OF ADJACENT FLOORING, TYP. OF 3
4	(E) BUILT-IN WOOD BOOKSHELVES W/ CLEAR FINISH, TYP. @ BUILDING PERIMETER - DO NOT PAINT, TYP. - PROTECT DURING CONSTRUCTION
5	(E) BUILT-IN WOOD WINDOW SILL W/ CLEAR FINISH, TYP. @ BUILDING PERIMETER - DO NOT PAINT, TYP. - PROTECT DURING CONSTRUCTION
6	(E) COLUMNS - PAINT PLASTER PORTION - DO NOT PAINT (E) CLEAR FINISH WOOD PANELING, TYP. - PROTECT DURING CONSTRUCTION
7	(E) LOW WALLS @ OFFICE - WOOD paneled - DO NOT PAINT - PROTECT DURING CONSTRUCTION
8	(E) COMPUTER BREAKER PANEL, SEE ELECTRICAL DRAWINGS
9	REPLACE ELECTRICAL PANEL, S.E.D. PATCH, REPAIR & PAINT SURROUNDING WALLS TO MATCH (E), PROVIDE PAINTED WOOD TRIM AS REQUIRED FOR A CLEAN INSTALLATION, TYP.
10	(E) PARAPET
11	(E) LOW ROOF
12	(E) FIRE ESCAPE, TYP. OF 2
13	ORNAMENTAL SECURITY FENCE MOUNTED TO STAIRWELL PARAPET WALL, SEE EXTERIOR ELEVATIONS
14	(E) ADA ACCESSIBLE STOREFRONT DOOR W/ AUTOMATIC PUSH-BUTTON DOOR CONTROLLER ADDED UNDER PREVIOUS PERMIT.
15	(E) STOREFRONT DOUBLE DOORS @ MAIN ENTRY
16	LOCATION OF (E) ADA ACCESSIBLE AUTOMATIC PUSH BUTTON-DOOR CONTROLLER ADD UNDER PREVIOUS PERMIT.
17	FREE-STANDING GLAZED WALL & SLIDING DOOR SYSTEM @ CONFERENCE ROOM, SEE INTERIOR ELEVATIONS FOR DETAILS
18	(E) LOW WALL @ STAIRS TO MEZZANINE
19	PAINT ALL SURFACE MOUNTED CONDUIT TO MATCH ADJACENT WALL COLOR, S.E.D. FOR NUMBER & LOCATIONS OF OUTLETS, TYP.
20	PATCH, REPAIR & PAINT WALLS @ (N) OUTLET LOCATIONS, S.E.D. FOR NUMBER & LOCATIONS OF OUTLETS, TYP.
21	PATCH & REPAIR FLOORING @ (N) FLOOR MONUMENT, S.E.D. FOR LOCATION OF OUTLET, TYP.
22	PATCH & REPAIR WOOD PANELING TO MATCH (E) @ (N) OUTLET LOCATIONS, S.E.D. FOR NUMBER & LOCATIONS OF OUTLETS, TYP.

FLOORING KEY

	CLEAN & RESTORE (E) VINYL ASBESTOS TILES
	REPAIR & RESTORE (E) TERRAZZO FLOORING & INTEGRAL BASE
	DIAMOND POLISH & STAIN (E) STAINED CONCRETE FLOORING

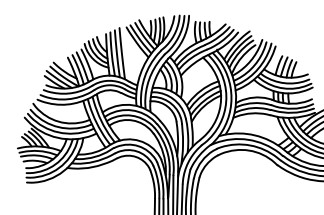
GENERAL NOTES

- SEE FINISH SCHEDULE, NOTES & PAINT LEGEND ON SHEET A7.1 FOR INFORMATION ON PAINT COLORS, TYPES & BASEBOARD CONDITIONS.
- SEE INTERIOR ELEVATIONS ON SHEETS A5.1 & A5.2 FOR MORE INFORMATION ON INTERIOR WALL & BASEBOARD PAINTING.

DRAWING NAME: C:\Projects\Oakland\Library\Drawings\CD\181019_2A2_1st Floor_Finish.dwg
PLOTED BY: Adam Carr



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OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET



KATHLEEN ROUSEAU

RCE NO. C19081 EXP. 06.23
CHECKED BY AWC / KAR
DESIGNED BY AWC / KAR
DRAWN BY AWC

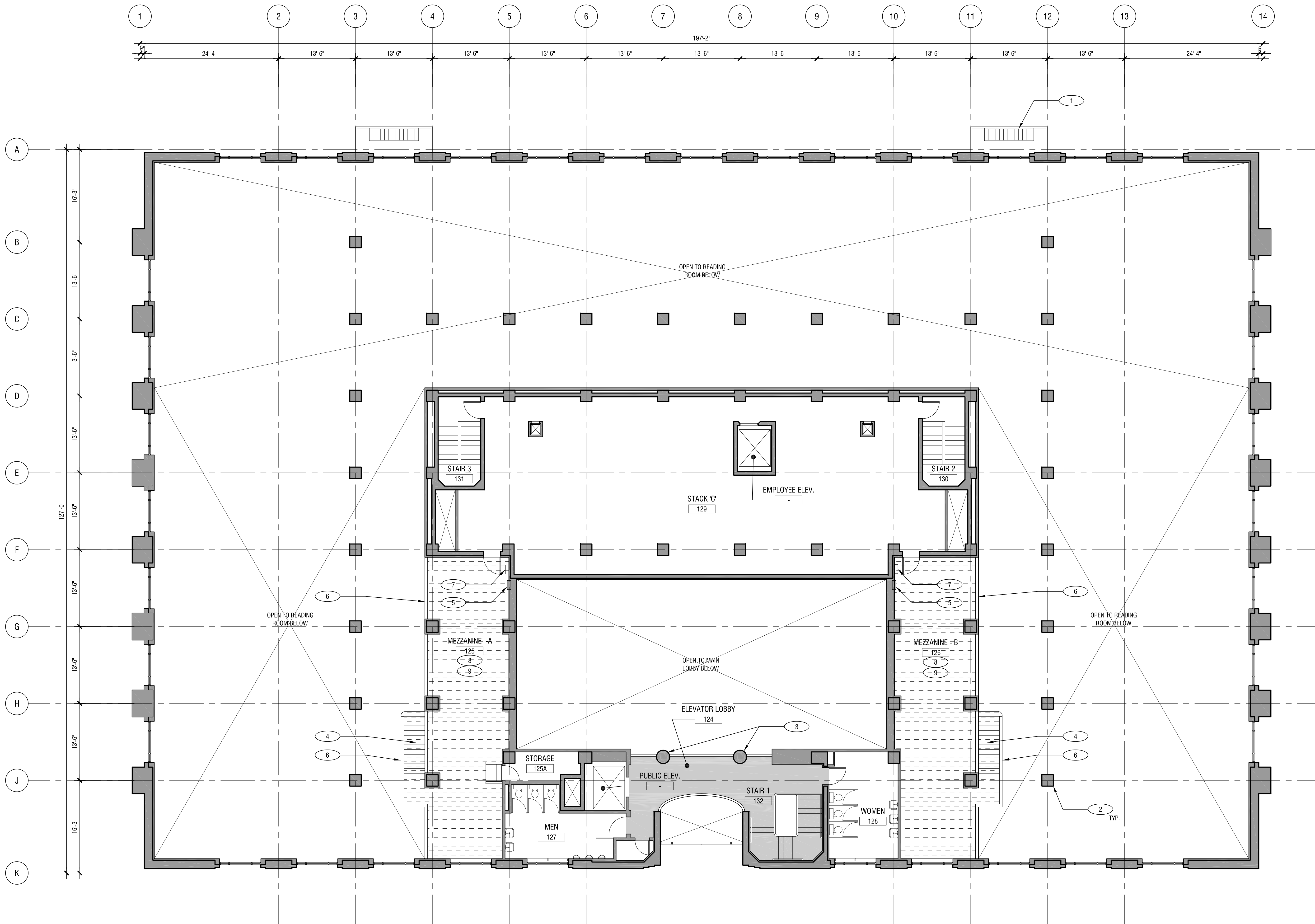
No.	DATE	BY	REFERENCE
1	02.17.23	RPR	ISSUED FOR BID

LEVEL 2 - FIRST FLOOR
FINISH PLAN

PROJECT NO.
C1004859

SCALE: AS NOTED
HOR:
VERT:
DATE: 02.17.23

SHEET NO.
A2.2
16 OF 62



1 LEVEL 3 - MEZZANINE CONSTRUCTION PLAN
SCALE: 1/8"=1'-0"

KEY NOTES

- (E) FIRE ESCAPE, TYP. OF 2
- (E) COLUMNS - PAINT PLASTER PORTION - DO NOT PAINT (E) CLEAR FINISH WOOD PANELING, TYP.
- (E) WOOD paneled round columns - REFINISH TO MATCH (E) WOOD PANELING, TYP. OF 2
- RESTORE (E) V.A.T. FLOORING @ STAIRS, TYP.
- REPLACE ELECTRICAL PANEL, S.E.D. PATCH, REPAIR & PAINT SURROUNDING WALLS TO MATCH (E). PROVIDE PAINTED WOOD TRIM AS REQUIRED FOR A CLEAN INSTALLATION, TYP.
- LOW WALL @ STAIRS & MEZZANINE, TYP.
- REPLACE LIGHTING CONTROL PANEL, S.E.D. PATCH, REPAIR & PAINT SURROUNDING WALLS TO MATCH (E). PROVIDE PAINTED WOOD TRIM AS REQUIRED FOR A CLEAN INSTALLATION, TYP.
- PAINT ALL SURFACE MOUNTED CONDUIT TO MATCH ADJACENT WALL COLOR, S.E.D. FOR NUMBER & LOCATIONS OF OUTLETS, TYP.
- PATCH, REPAIR & PAINT WALLS @ (N) OUTLET LOCATIONS, S.E.D. FOR NUMBER & LOCATIONS OF OUTLETS, TYP.

FLOORING KEY

- CLEAN & RESTORE (E) VINYL ASBESTOS TILES
- REPAIR & RESTORE (E) TERRAZZO FLOORING & INTEGRAL BASE

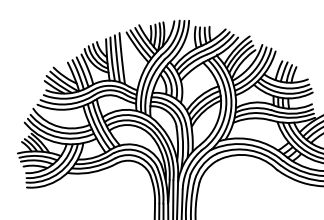
GENERAL NOTES

- SEE FINISH SCHEDULE, NOTES & PAINT LEGEND ON SHEET A7.1 FOR INFORMATION ON PAINT COLORS, TYPES & BASEBOARD CONDITIONS.
- SEE INTERIOR ELEVATIONS ON SHEETS A5.1 & A5.2 FOR MORE INFORMATION ON INTERIOR WALL & BASEBOARD PAINTING.

DRAWING NAME: C:\projects\1002_Oakland Main Library\Drawings\CD\10102_A02_Mezzanine_Finish.dwg
PLOTED BY: Adam Carr



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LEVEL 3 - MEZZANINE
FINISH PLAN

PROJECT NO.
C1004859

SCALE: AS NOTED
HOR:
VERT:
DATE: 02.17.23

SHEET NO.
A2.3
17 OF 62

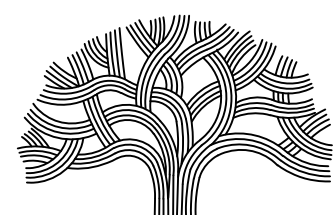


FLOORING KEY

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PLOT DATE: 02/17/23
PLOT BY: Adam Carr



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OAKLAND MAIN LIBRARY
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125 14TH STREET

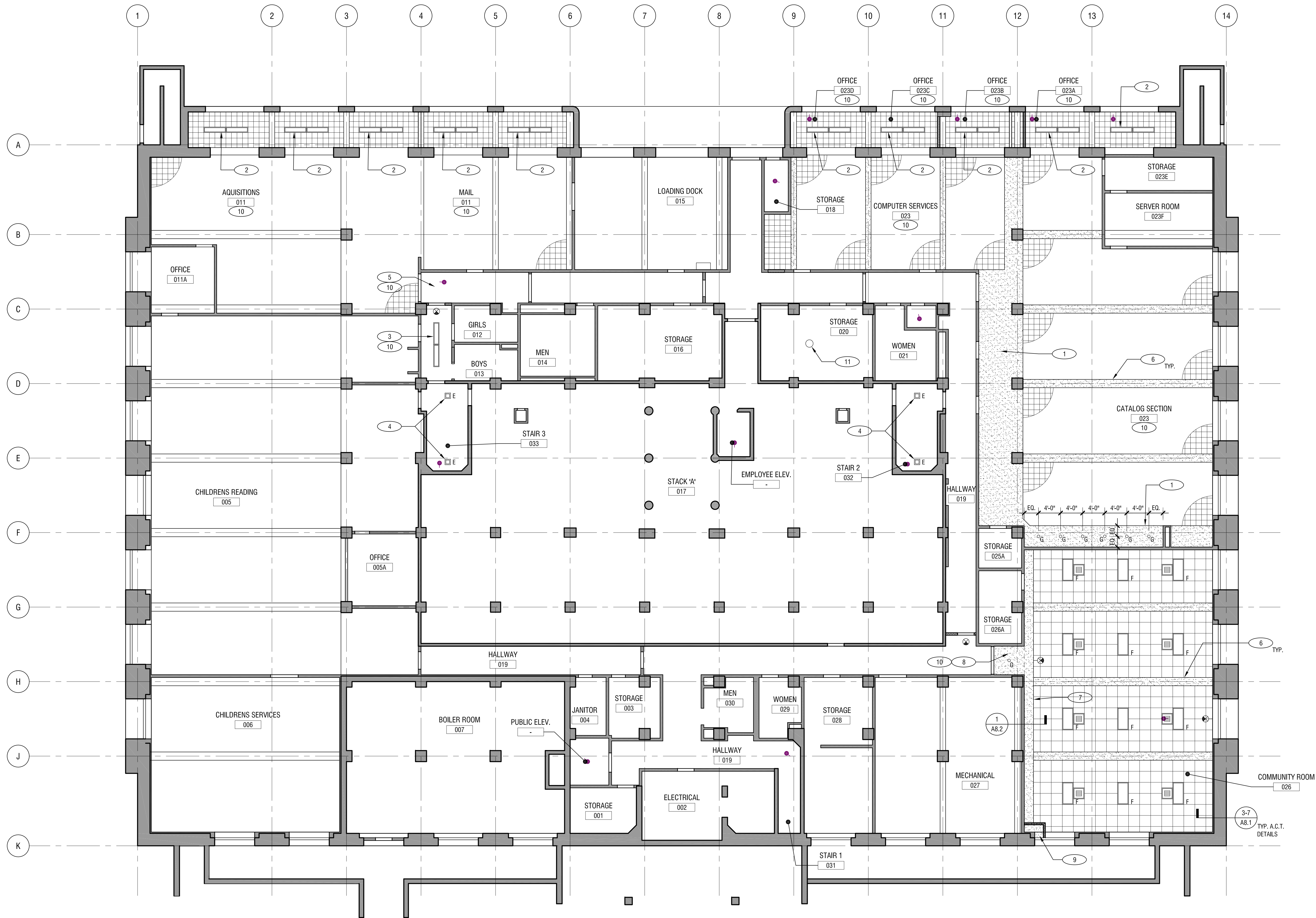


KATHLEEN ROUSEAU	No.	DATE	BY	REFERENCE
RCE NO. C19081	1	02.17.23	RPR	ISSUED FOR BID
CHECKED BY				
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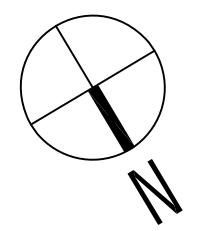
LEVEL 1 - GROUND FLOOR
REFLECTED CEILING PLAN

PROJECT NO.
C1004859

SCALE: AS NOTED
SHEET NO.
A2.5
19 OF 62



1 LEVEL 1 - GROUND FLOOR REFLECTED CEILING PLAN
SCALE: 1/8"=1'-0"



KEY NOTES

- (E) PLASTER SOFFIT. PATCH, REPAIR & PAINT TO MATCH (E)
- REINSTALL (E) LIGHT FIXTURES OVER (N) CEILING TILES
- LIGHT FIXTURES TO REMAIN. PROTECT DURING CONSTRUCTION
- (N) L.E.D. RECESSED LIGHT FIXTURE IN (E) LOCATION @ STAIR WELL
- PATCH, REPAIR & PAINT (E) PLASTER SOFFIT IN HALLWAY AS REQUIRED TO MATCH (E) SURROUNDING SURFACES. TYP. @ AREA OF LIGHT FIXTURE & SIGNAGE REMOVAL
- (E) PLASTER BEAM. PATCH, REPAIR & PAINT ALL HOLES OR DAMAGE TO MATCH (E) SURROUNDING FINISH. TYP.
- (N) GYPSUM BOARD SOFFIT +8'-0" A.F.F. TO MATCH SOFFIT @ ENTRY DOORS. PAINT TO MATCH (E) WALLS & CEILING BEAMS. TYP.
- (E) +8'-0" A.F.F. GYPSUM BOARD SOFFIT @ ENTRY DOORS. PAINT TO MATCH (N) SOFFIT
- (N) MECHANICAL CHASE - COORDINATE IN FIELD W/ MECHANICAL DRAWINGS. LOCATION OF (E) WINDOW MULLION & LOUVER IN WINDOW. LOUVER SIZE 1'-5"W X 2'-9"H - V.L.F.
- PAINT ALL EXPOSED CONDUIT ON CEILING TO MATCH (E) ADJACENT SURFACES. TYP.
- CORE DRILL @ LOCATION OF (N) FLOOR MONUMENT IN CONFERENCE ROOM ABOVE. PATCH, REPAIR & PAINT (E) CONCRETE SLAB TO MATCH (E) ADJACENT SURFACE

LIGHTING & CEILING KEY

A	L.E.D. SURFACE MOUNTED LIGHT FIXTURE. S.E.D. FOR SIZING & CONTROLS
B	CONTINUOUS L.E.D. RECESSED LIGHT FIXTURE W/ MITERED CORNERS. S.E.D. FOR SIZING & CONTROLS
C	L.E.D. PENDANT MOUNTED LIGHT FIXTURE. S.E.D. FOR SIZING & CONTROLS
D	L.E.D. RECESSED WALL MOUNTED LIGHT FIXTURE. S.E.D. FOR SIZING & CONTROLS
E	TOTAL 24 - L.E.D. SURFACE MOUNT DOWNLIGHT IN STAIR EXIT STAIRS. TYP.
F	2'-0" X 4'-0" L.E.D. LIGHT FIXTURE MOUNTED IN A.C.T. CEILING
G	6" L.E.D. RECESSED LIGHT FIXTURE MOUNTED IN (E) PLASTER SOFFIT
H	CEILING MOUNTED L.E.D. EXIT SIGN
I	WALL MOUNTED L.E.D. EXIT SIGN
J	FAN COIL UNIT. S.M.D.
K	(E) CEILING MOUNTED 3'-0" DIAMETER H.V.A.C. DIFFUSER. CLEAN & PAINT TO MATCH SURROUNDING CEILING IN SEMI-GLOSS. TYP.
L	(E) CEILING MOUNTED 1'-6" DIAMETER H.V.A.C. DIFFUSER. CLEAN & PAINT TO MATCH SURROUNDING CEILING IN SEMI-GLOSS. TYP.
M	(E) 1'-0" X 1'-0" GLUE-ON ACOUSTICAL TILES IN CEILING FIELD. TYP. U.O.N. REPLACE DAMAGED, BROKEN & WATER STAINED TILES - ASSUME 15% OF TILES WILL BE REPLACED. INFILL AREAS @ LIGHT FIXTURE DEMO W/ (N) TILES. PAINT ENTIRE CEILING IN AREA OF WORK. TYP.
N	REINSTALL (E) 2'X4' CEILING GRID & GRATE @ SKYLIGHT OPENING
O	PAINT (E) & (N) PLASTER CEILING / SOFFIT U.O.N.
P	(N) 1'-0" X 1'-0" GLUE-ON ACOUSTICAL TILES IN CEILING FIELD TO MATCH (E) AS SHOWN
Q	(N) 2'-0" X 4'-0" ACOUSTIC CEILING TILES & T-BAR ARMSTRONG PRELUDE XL 15/16" EXPOSED TEE W/ ARMSTRONG CORTEGA SECOND LOOK - SCORED ANGLED REGULAR TILES
R	MFR: BIG ASS FAN MODEL: HAKU SIZE: 52" DIA. COLOR: WHITE CONTROLS: BAFCO SMART CONTROLLER
S	MFR: BIG ASS FAN MODEL: ESSENCE SIZE: 12'-0" DIA. COLOR: WHITE MOTOR HOUSING W/ SILVER TRIM CONTROLS: BAFCO SMART CONTROLLER

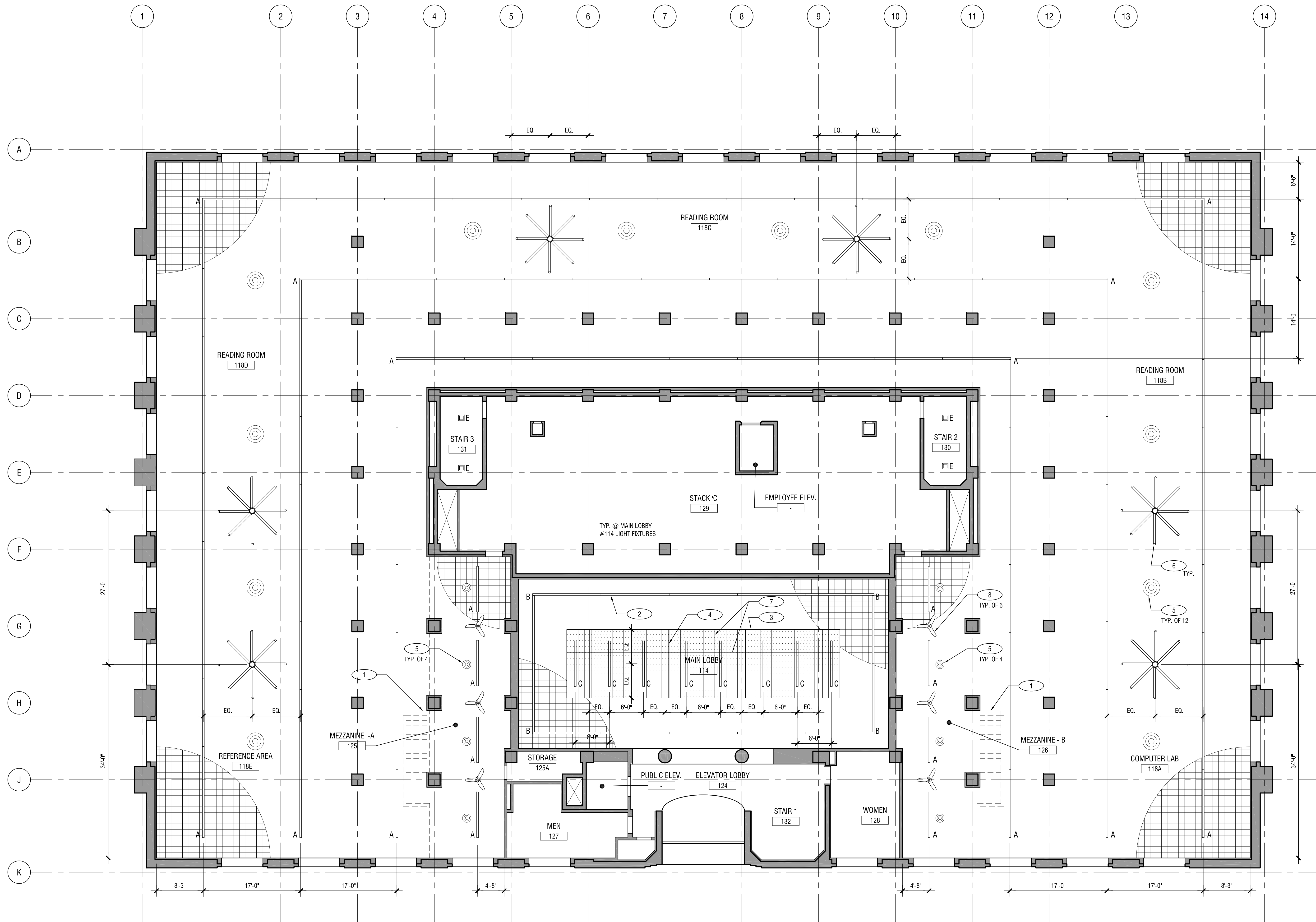


KEY NOTES

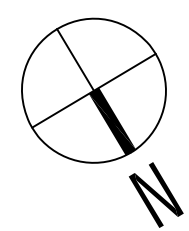
- 1 LOW WALLS & STAIRS @ MEZZANINE SHOW DASHED FOR REFERENCE
- 2 CONTINUOUS RECESSED L.E.D. STRIP LIGHT FIXTURE IN SAME LOCATION AS (E). REPLACE ACOUSTICAL CEILING TILES @ AREA AROUND LIGHT FIXTURES, TYP.
- 3 EDGE OF CEILING OPENING @ SKYLIGHT. PAINT INSIDE WALLS OF SKYLIGHT OPENING & METAL SKYLIGHT MULLIONS, TYP.
- 4 (E) BEAMS WRAPPED IN PLASTER TO BE PAINTED, TYP. OF 4
- 5 (E) H.V.A.C. DIFFUSERS TO BE CLEANED & PAINTED, TYP.
- 6 (N) LARGE CEILING FANS, TYP. OF 6 - G.C. TO COORDINATE SELECTIVE CEILING DEMO IN FIELD W/ STRUCTURAL DRAWINGS. SEE SHEET S.1.2. CONCEAL ALL ELECTRICAL ROUTING IN CEILING INTERSTITIAL SPACE. FAN TO BE MOUNTED +16'-0" A.F.F., TYP.
- 7 REINSTALL (E) 2X4 CEILING GRID & BAFFLES IN ORIGINAL LOCATION & ORIENTATION. MOUNT CEILING GRID FLUSH W/ BOTTOM OF (E) CEILING. COORDINATE REINSTALLATION W/ (N) LIGHT FIXTURES.
- 8 (N) SMALL CEILING FANS, TYP. OF 6 - G.C. TO COORDINATE SELECTIVE CEILING DEMO IN FIELD W/ STRUCTURAL DRAWINGS. SEE SHEET S.1.2. SIM. CONCEAL ALL ELECTRICAL ROUTING IN CEILING INTERSTITIAL SPACE TYP.

LIGHTING & CEILING KEY

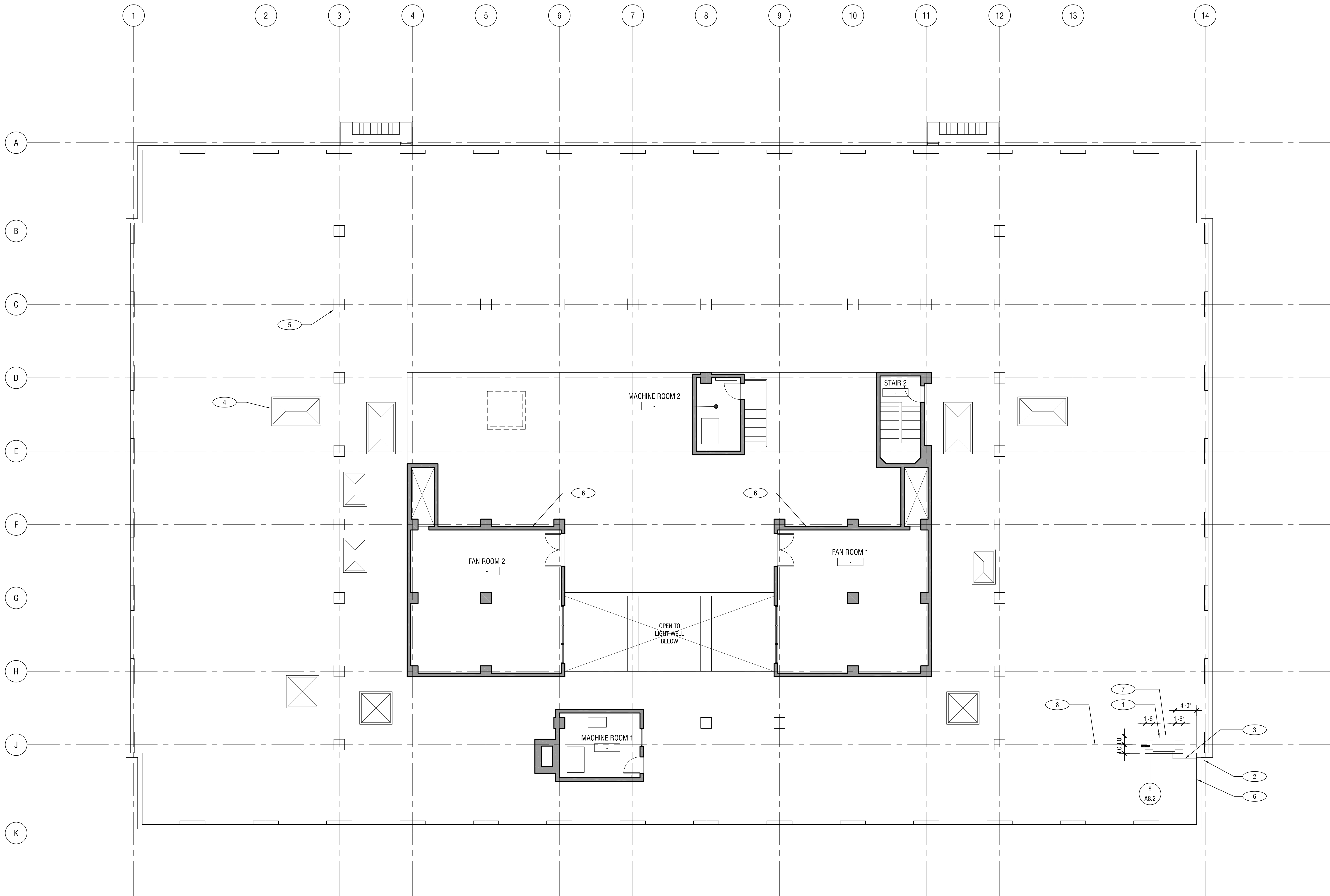
	L.E.D. SURFACE MOUNTED LIGHT FIXTURE, S.E.D. FOR SIZING & CONTROLS
	CONTINUOUS L.E.D. RECESSED LIGHT FIXTURE W/ WATERED CORNERS, S.E.D. FOR SIZING & CONTROLS
	L.E.D. PENDANT MOUNTED LIGHT FIXTURE, S.E.D. FOR SIZING & CONTROLS. MOUNT FIXTURES ABOVE CEILING GRID @ ELEVATION TO MATCH (E)
	L.E.D. RECESSED WALL MOUNTED LIGHT FIXTURE, S.E.D. FOR SIZING & CONTROLS
	TOTAL 24 - L.E.D. SURFACE MOUNT DOWNLIGHT IN STACK EXIT STAIRS, TYP.
	2'-0" X 4'-0" L.E.D. LIGHT FIXTURE MOUNTED IN A.C.T. CEILING
	6" L.E.D. RECESSED LIGHT FIXTURE MOUNTED IN (E) PLASTER SOFFIT
	CEILING MOUNTED L.E.D. EXIT SIGN
	WALL MOUNTED L.E.D. EXIT SIGN
	FAN COIL UNIT, S.M.D.
	(E) CEILING MOUNTED 3'-0" DIAMETER H.V.A.C. DIFFUSER. CLEAN & PAINT TO MATCH SURROUNDING CEILING IN SEMI-GLOSS, TYP.
	(E) CEILING MOUNTED 1'-6" DIAMETER H.V.A.C. DIFFUSER. CLEAN & PAINT TO MATCH SURROUNDING CEILING IN SEMI-GLOSS, TYP.
	(E) 1'-0" X 1'-0" GLUE-ON ACOUSTICAL TILES IN CEILING FIELD, TYP. U.O.N. REPLACE DAMAGED, BROKEN & WATER STAINED TILES - ASSUME 15% OF TILES WILL BE REPLACED. INFILL AREAS @ LIGHT FIXTURE DEMO W/ (N) TILES. PAINT ENTIRE CEILING IN AREA OF WORK, TYP.
	REINSTALL (E) 2X4 CEILING GRID & GRATE @ SKYLIGHT OPENING
	PAINT (E) PLASTER CEILING / SOFFIT U.O.N.
	(N) 1'-0" X 1'-0" GLUE-ON ACOUSTICAL TILES IN CEILING FIELD TO MATCH (E) AS SHOWN
	(N) 2'-0" X 4'-0" ACOUSTIC CEILING TILES & T-BAR
	MFR: BIG ASS FAN MODEL: HARKU SIZE: 52" DIA. COLOR: WHITE CONTROLS: BAFCON SMART CONTROLLER
	MFR: BIG ASS FAN MODEL: ESSENCE SIZE: 12'-0" DIA. COLOR: WHITE MOTOR HOUSING W/ SILVER TRIM CONTROLS: BAFCON SMART CONTROLLER



1 LEVEL 3 - MEZZANINE REFLECTED CEILING PLAN
SCALE: 1/8"=1'-0"



SCALE: AS NOTED HOR: VERT: DATE: 02.17.23	SHEET NO. A2.8 22 OF 62
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1 LEVEL 7 - ROOF PLAN & FAN ROOM PLANS
SCALE: 1/8"=1'-0"

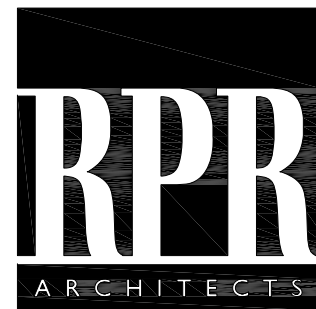
KEY NOTES

1	H.V.A.C. SYSTEM CONDENSING UNIT MOUNTED ON SLEEPERS TO CONCRETE ROOF - CENTER ON BEAM BELOW, S.M.D., S.E.D., S.S.D.
2	PAINTED S.S. SHEET METAL SHROUD @ REFRIGERANT PIPING. SEE EXTERIOR ELEVATIONS
3	REFRIGERANT LINES, S.M.D.
4	(E) SKYLIGHTS, TYP.
5	(E) COLUMN EXTENSIONS W/ SHEET METAL CAP, TYP.
6	PATCH, REPAIR & PAINT BUILDING WALL @ (N) POWER RECEPTACLES. PAINT CONDUIT TO MATCH ADJACENT SURFACES, S.E.D.
7	SLEEPER ASSEMBLY, S.S.D.
8	CENTER LINE OF CONCRETE BEAM BELOW

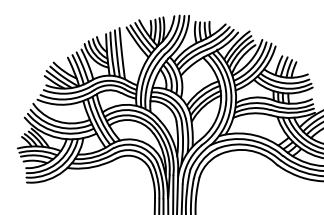
GENERAL NOTES

- COORDINATE LOCATION OF (N) POWER TO CONDENSING UNIT IN FIELD. GENERAL CONTRACTOR TO CONFIRM WHERE POWER IS TO BE PULLED & NOTIFY ARCHITECT OF CONDUIT ROUTING PRIOR TO COMMENCEMENT OF WORK

DRAWING NAME: 0:\projects\04032\04032_Oakland Main Library\Drawings\CD\100102_A2.9 (ROOF PLAN).dwg
PLOT DATE: 02/17/23
PLOT BY: Adam Carr



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KATHLEEN ROUSEAU

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DESIGNED BY AWC / KAR
DRAWN BY AWC

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1	02.17.23	RPR	ISSUED FOR BID

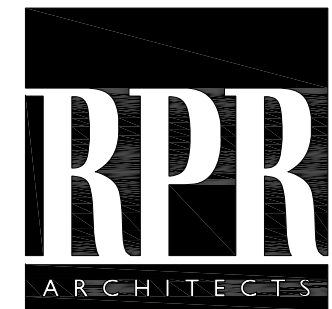
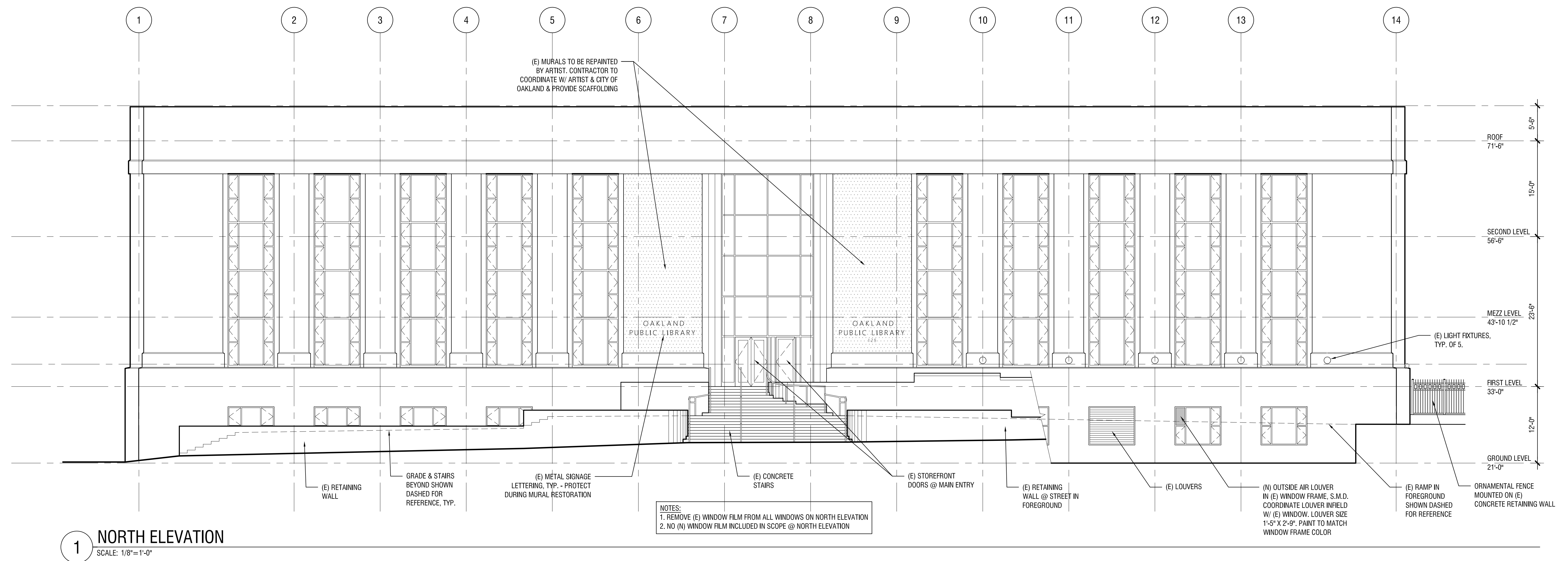
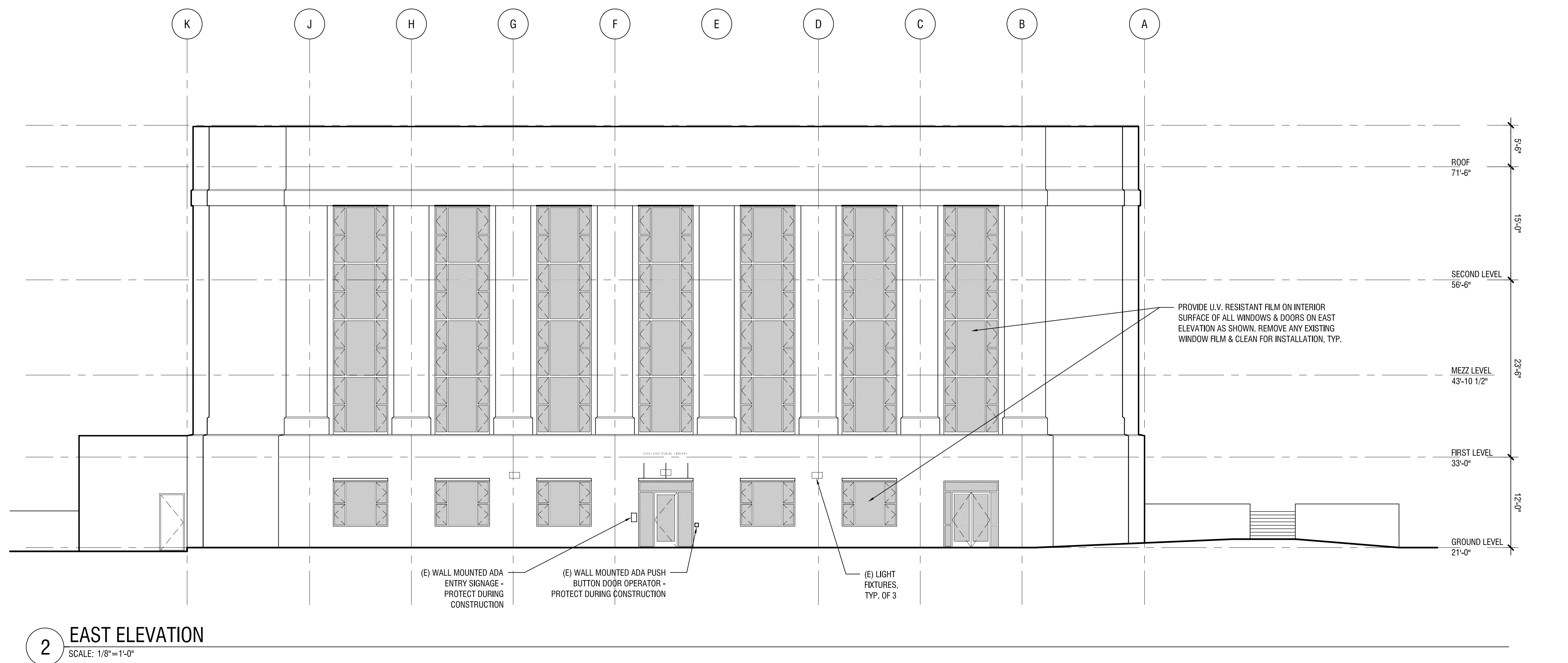
LEVEL 7 - ROOF PLAN

PROJECT NO.
C1004859

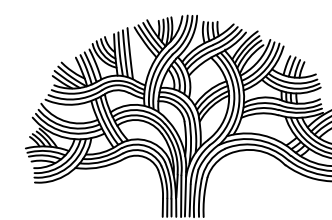
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HOR:
VERT:
DATE: 02.17.23

SHEET NO.
A2.9
23 OF 62

DRAWING NAME: C:\projects\Oakland Main Library\Drawings\CD\10102_A3.1_Elevations.dwg
PLOTTER: Adam Carr



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**OAKLAND MAIN LIBRARY
INFRASTRUCTURE IMPROVEMENTS**
125 14TH STREET



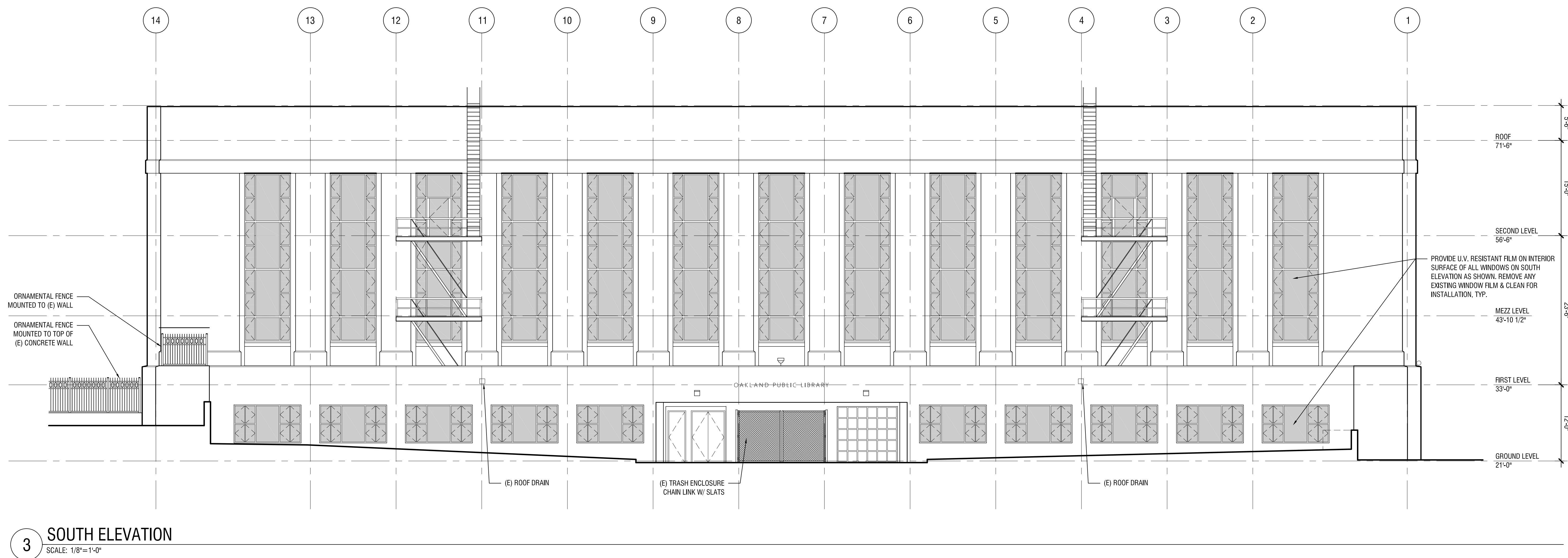
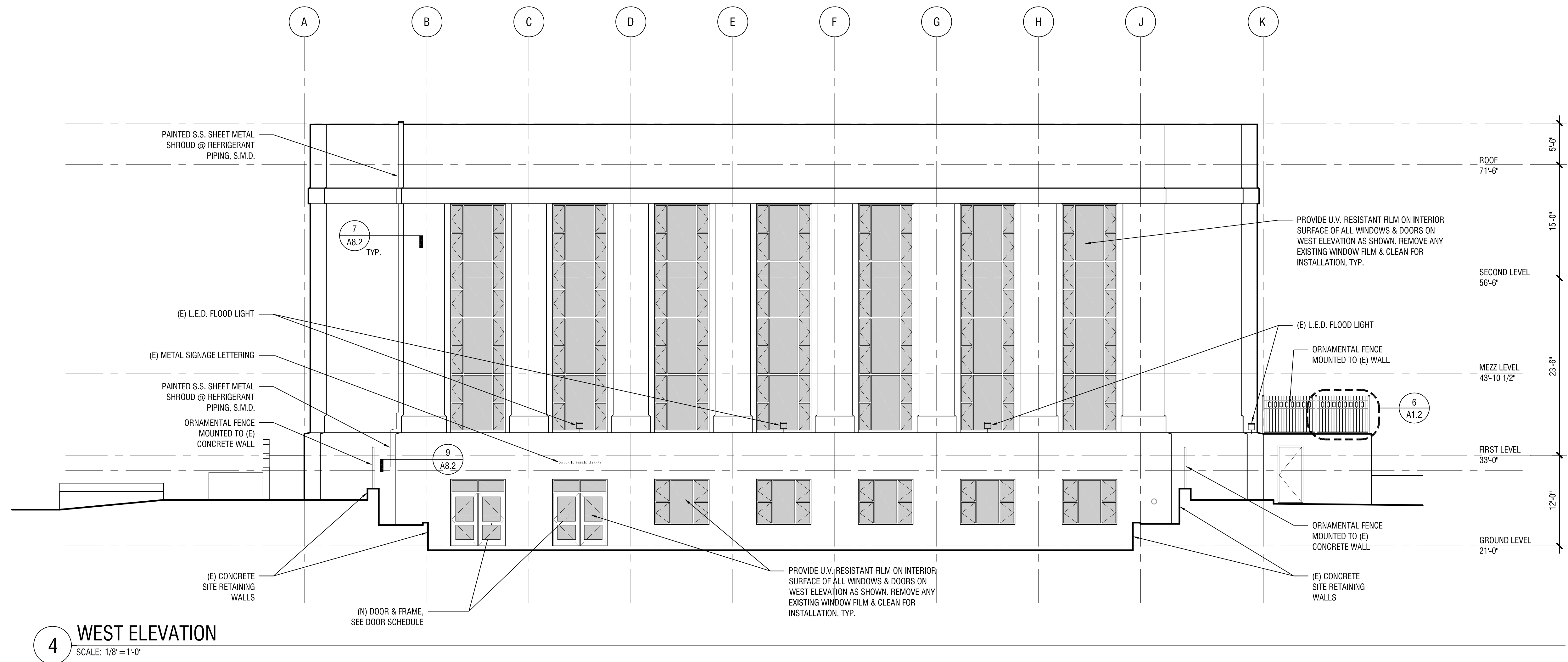
KATHLEEN ROUSEAU
RCE NO. C19081 EXP. 06.23
CHECKED BY AWC / KAR
DESIGNED BY AWC / KAR
DRAWN BY AWC

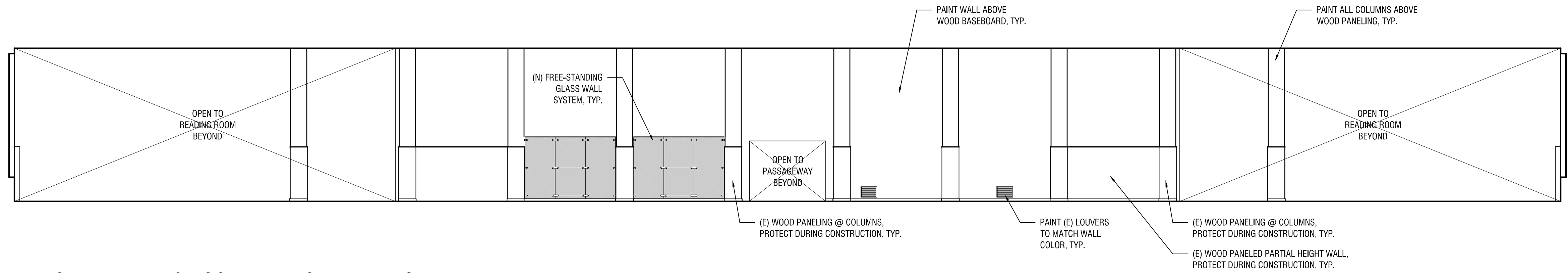
No.	DATE	BY	REFERENCE
1	02.17.23	RPR	ISSUED FOR BID

EXTERIOR ELEVATIONS

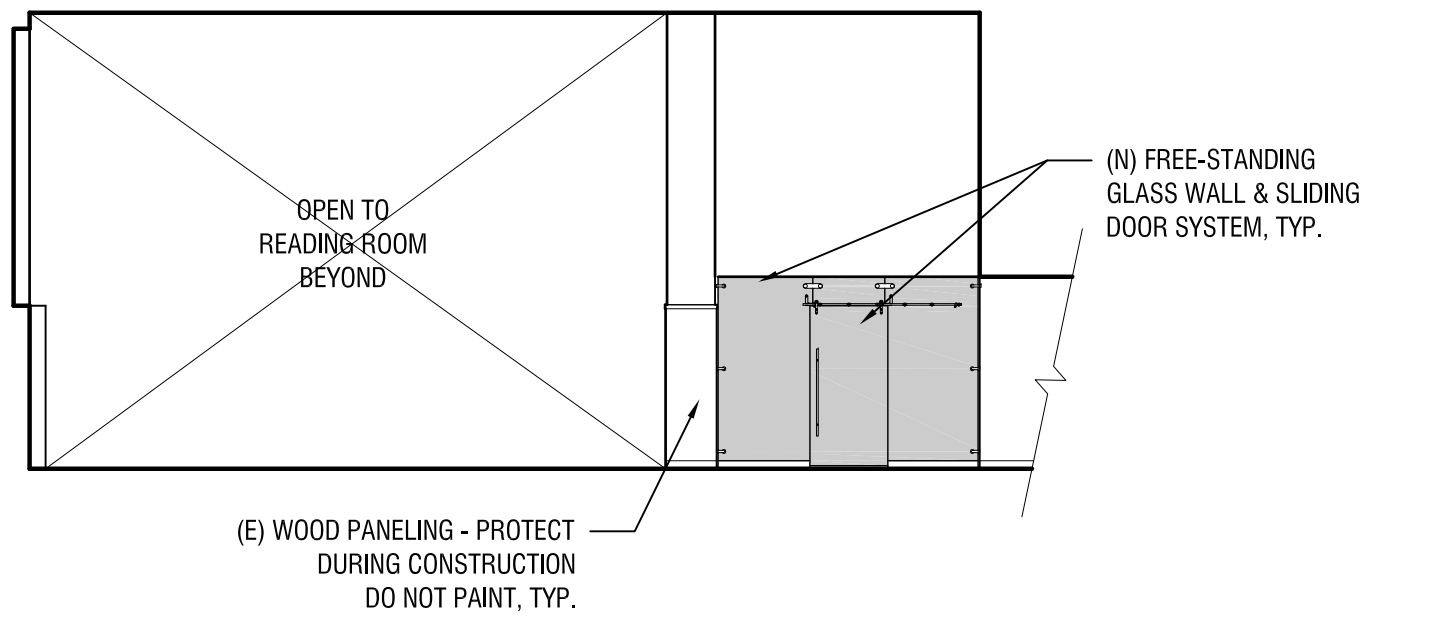
PROJECT NO.
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SCALE: AS NOTED
HOR.
VERT.
DATE: 02.17.23
SHEET NO.
A3.1
24 OF 62

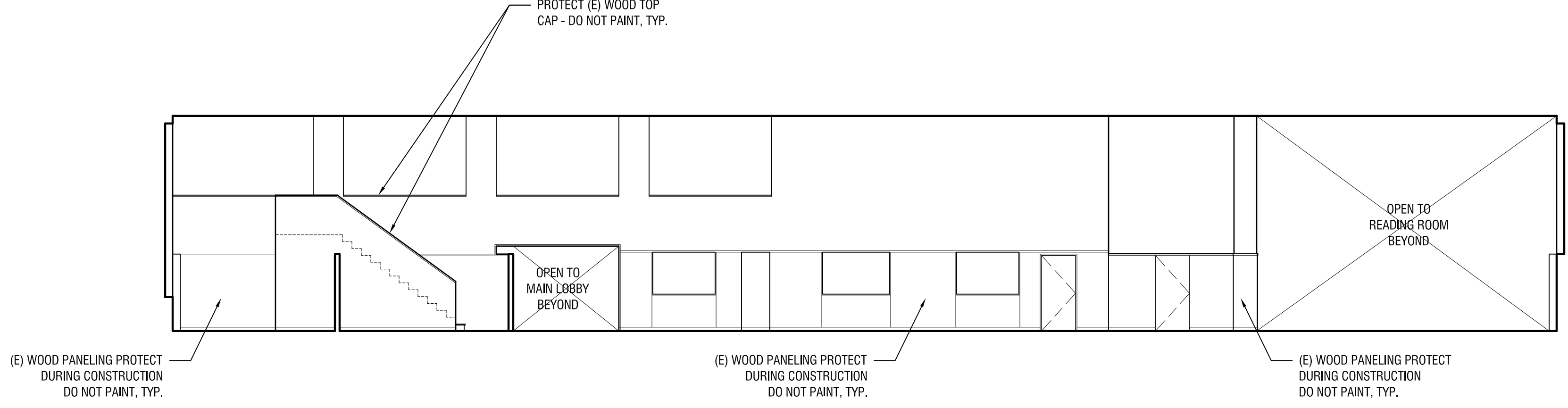




5 NORTH READING ROOM INTERIOR ELEVATION
SCALE: 1/8"=1'-0"

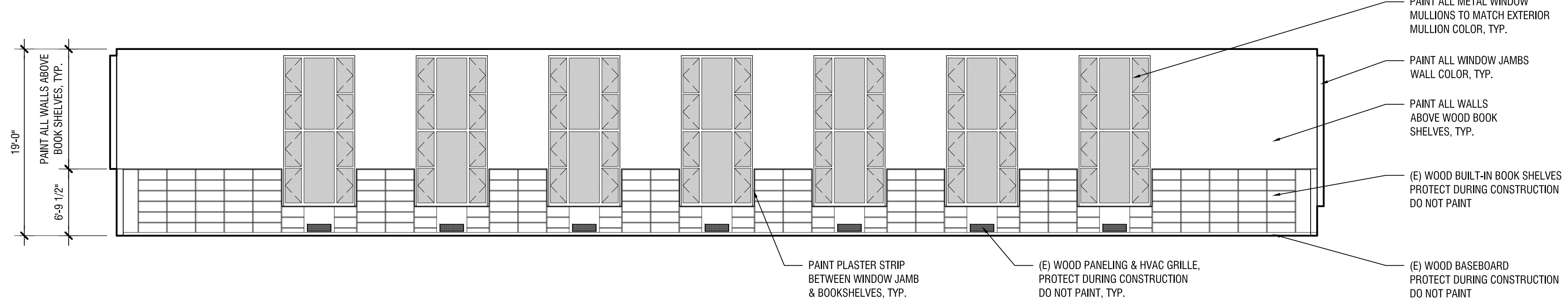


6 PARTIAL INTERIOR ELEVATION @ CONFERENCE ROOM
SCALE: 1/8"=1'-0"

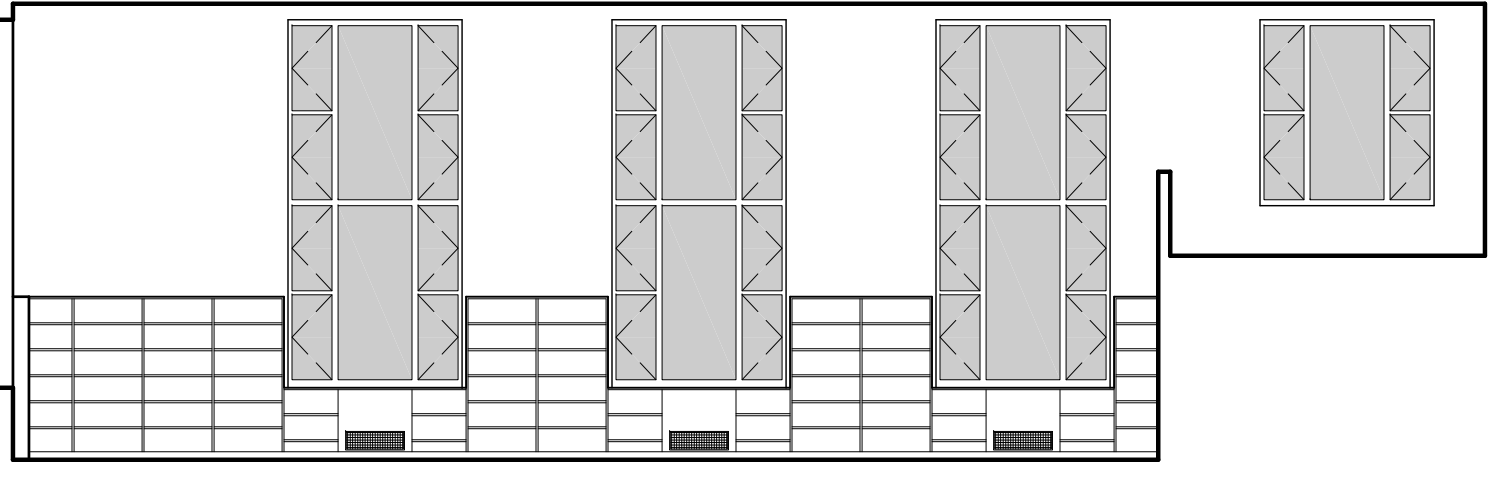


4 EAST READING ROOM INTERIOR ELEVATION, TYP. @ MEZZANINE BOTH SIDES
SCALE: 1/8"=1'-0"

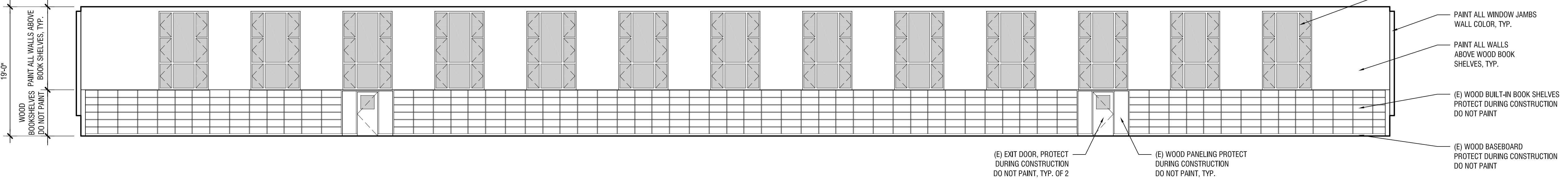
NOTES:
1. SEE FINISH SCHEDULE ON SHEET A7.1 FOR FULL PAINTING SCOPE & PAINT TYPES



2 WEST READING ROOM INTERIOR ELEVATION
SCALE: 1/8"=1'-0"



3 NORTH READING ROOM INTERIOR ELEVATION, TYP.
SCALE: 1/8"=1'-0"



1 SOUTH READING ROOM INTERIOR ELEVATION
SCALE: 1/8"=1'-0"

DRAWING NAME: C:\projects\040222_Oakland Main Library\Drawings\CD\180102_A5.1_Int Elevations.dwg
PLOTTER: RPR
PLOTTER BY: Adam Carr

RPR
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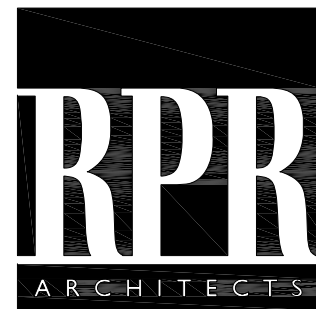


KATHLEEN ROUSEAU		No.	DATE	BY	REFERENCE
RCE NO. C19081	EXP. 06.23	1	02.17.23	RPR	ISSUED FOR BID
CHECKED BY	AWC / KAR				
DESIGNED BY	AWC / KAR				
DRAWN BY	AWC				

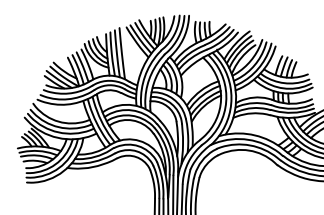
INTERIOR ELEVATIONS

PROJECT NO. C1004859	
SCALE: AS NOTED HOR: VERT: DATE: 02.17.23	SHEET NO. A5.1 26 OF 62

DRAWING NAME: C:\projects\June2022_Oakland Main Library\Drawings\CD\10102_A5.2_1st Elevations.dwg
PLOT DATE: 06/23/2023
PLOT BY: Adam Carr



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125 14TH STREET



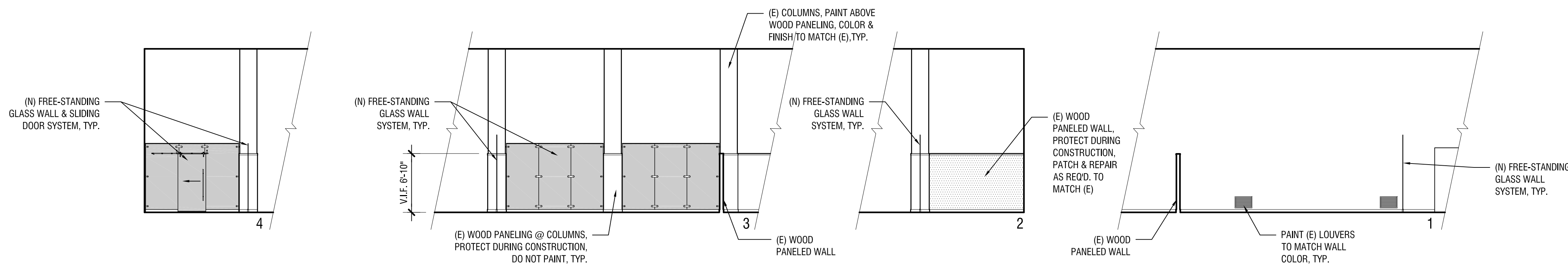
KATHLEEN ROUSEAU	No.	DATE	BY	REFERENCE
RCE NO. C19081 EXP. 06.23	1	02.17.23	RPR	ISSUED FOR BID
CHECKED BY AWC / KAR				
DESIGNED BY AWC / KAR				
DRAWN BY AWC				

INTERIOR ELEVATIONS

PROJECT NO. C1004859	
SCALE: AS NOTED HOR: VERT: DATE: 02.17.23	SHEET NO. A5.2 27 OF 62

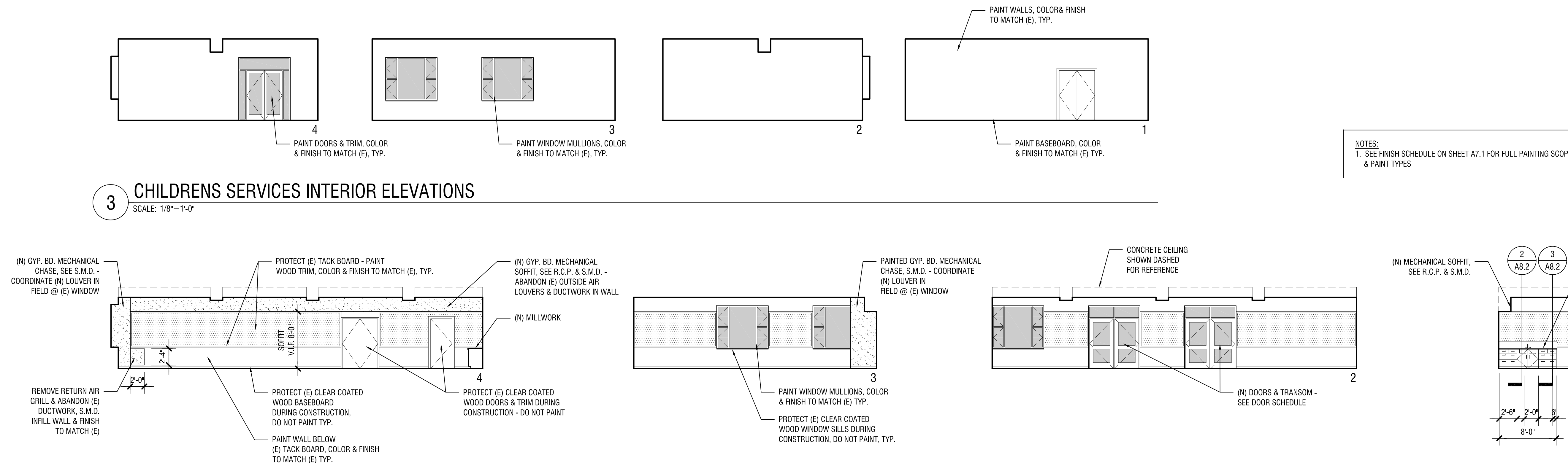
4 CONFERENCE ROOM #126 INTERIOR ELEVATIONS

SCALE: 1/8"=1'-0"



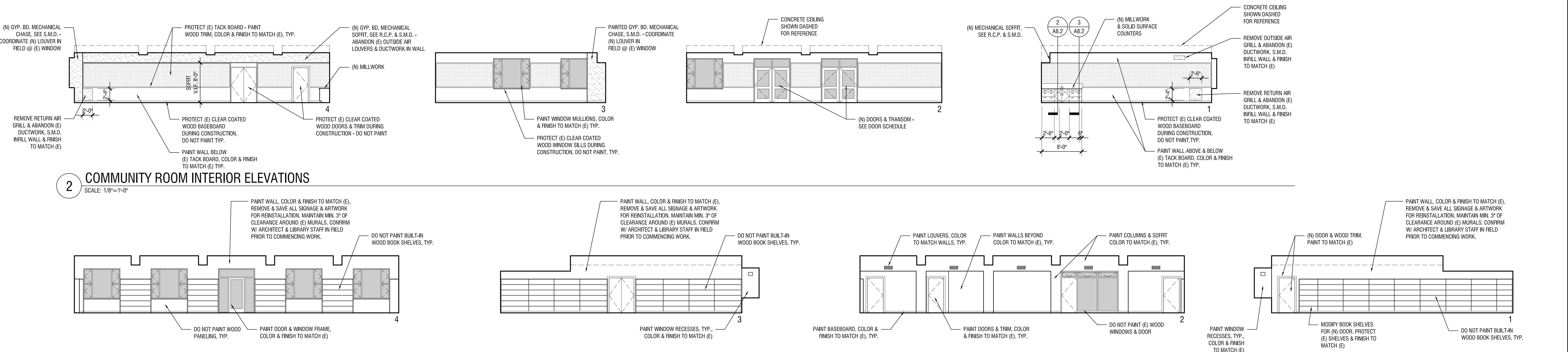
3 CHILDRENS SERVICES INTERIOR ELEVATIONS

SCALE: 1/8"=1'-0"



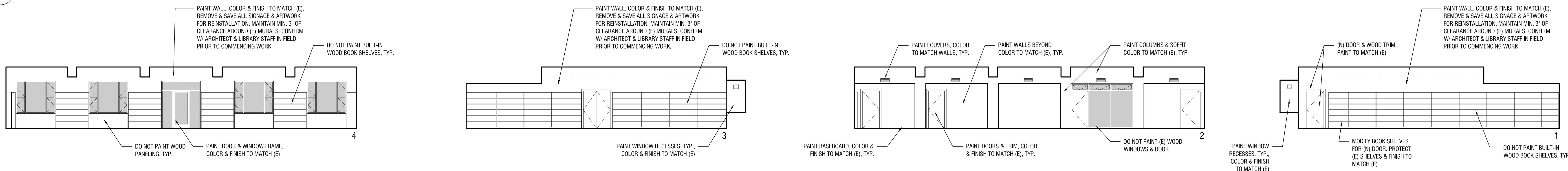
2 COMMUNITY ROOM INTERIOR ELEVATIONS

SCALE: 1/8"=1'-0"



1 CHILDRENS READING ROOM INTERIOR ELEVATIONS

SCALE: 1/8"=1'-0"



ROOM FINISH SCHEDULE																									
Room Name	Room No.	Flooring						Ceilings						Walls								Wainscot		Remarks	
		Floor		Base		Material		Height	Soffit		Height	North		South		East		West							
		Mat'l.	Finish	Mat'l.	Finish	Mat'l.	Finish		Mat'l.	Finish		Mat'l.	Finish	Mat'l.	Finish	Mat'l.	Finish	Mat'l.	Finish						
Level 1 - Ground Floor																									
CHILDREN'S READING ROOM	005	F-2 - F-7	--	B-1	P-SG	C-1	P-L/S	(E) 8'-0" LOW (E) 11'-0" HIGH	C-2	P-L/S	(E) 8'-0" SOFFIT (E) 9'-7" BEAMS	W-1	P-L/S	W-1	P-L/S	W-1	P-L/S	W-1	P-L/S	--	--	BASE BID			
OFFICE	005A	F-2 - F-7	--	B-1	P-SG	C-1	P-L/S	(E) 8'-0"	--	--	--	W-1	P-L/S	W-1	P-L/S	W-1	P-L/S	W-1	P-L/S	--	--	BASE BID			
CHILDREN'S SERVICES	006	F-2 - F-7	--	B-1	P-SG	C-1	P-L/S	(E) 11'-0"	C-2	P-L/S	(E) 9'-7" BEAMS & SOFFITS	W-1	P-L/S	W-1	P-L/S	W-1	P-L/S	W-1	P-L/S	--	--	BASE BID; FLOORING BID ALTERNATE: PAINTING			
ACQUISITIONS / MAIL ROOM	011	F-10	VAT	B-1	P-SG	C-1	P-L/S	(E) 11'-0"	C-2	P-L/S	(E) 9'-7" BEAMS & SOFFITS	--	--	--	--	--	--	--	--	--	--	BASE BID			
OFFICE	011A	F-10	VAT	B-1	P-SG	C-1	P-L/S	(E) 11'-0"	C-2	P-L/S	(E) 9'-7" BEAMS	W-1	P-L/S	--	--	--	--	--	--	--	--	BASE BID			
COMPUTER WORK	016	--	--	--	--	C-2	P-L/S	(E) 11'-0"	C-2	P-L/S	(E) 9'-7" BEAMS	W-1	P-L/S	W-1	P-L/S	W-1	P-L/S	W-1	P-L/S	--	--	BASE BID			
HALLWAY	019	F-1	CSS	B-1	P-SG	C-2	--	(E) 8'-0"	--	--	--	--	--	--	--	--	--	--	--	--	--	BASE BID: PATCH, REPAIR & PAINT (E) WALLS & CEILINGS AT AREAS OF WORK @ (N) DOORS			
COMPUTER SERVICES & OFFICES	023-023D	F-10	VAT	B-1	P-SG	C-1	P-L/S	(E) 11'-0"	C-2	P-L/S	(E) 9'-7" BEAMS	--	--	--	--	--	--	--	--	--	--	BASE BID: PATCH, REPAIR & PAINT (E) & (N) WALLS AT AREAS OF WORK W/ NEW OFFICES			
CATALOG SECTION	025	F-10	VAT	B-1	P-SG	C-1	P-L/S	(E) 11'-0"	C-2	P-L/S	(E) 9'-7" BEAMS	--	--	--	--	--	--	--	--	--	--	BASE BID			
STORAGE	025A	F-10	VAT	B-1	P-SG	C-1	P-L/S	(E) 11'-0"	--	--	--	--	--	--	--	--	--	--	--	--	--	BASE BID			
COMMUNITY ROOM	026	F-10 F-11	--	B-5	SL	C-3	--	10'-0"	C-2	P-L/S	(E) 9'-7" BEAMS (N) 8'-0" SOFFIT	W-1	P-L/S	W-1	P-L/S	W-1	P-L/S	W-1	P-L/S	--	--	BASE BID			
STORAGE	026A	F-11	--	B-5	SL	C-2	--	--	C-2	--	--	--	--	--	--	--	--	--	--	--	--	BASE BID			
STAIR - 1	031	F-1	CSS	B-1	P-SG	C-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	BASE BID			
LOADING DOCK	015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
STORAGE	020	--	--	B-1	P-SG	C-2	P-L/S	(E) 11'-0"	C-2	P-L/S	(E) 9'-7" BEAMS	W-1	P-L/S	W-1	P-L/S	W-1	P-L/S	W-1	P-L/S	--	--	BID ALTERNATE: PAINTING			
STORAGE	028	--	--	B-1	P-SG	C-2	P-L/S	(E) 11'-0"	C-2	P-L/S	(E) 9'-7" BEAMS	W-1	P-L/S	W-1	P-L/S	W-1	P-L/S	W-1	P-L/S	--	--	BID ALTERNATE: PAINTING			
Level 2 - First Floor																									
PASSAGE	104	F-11	RF	B-2	RF	C-1	P-L/S	(E) 7'-6"	--	--	--	--	--	--	--	--	--	--	--	--	--	BASE BID			
OFFICE	105	F-10	VAT	B-1	SL	--	--	OPEN TO ABOVE SEE MEZZANINE RCP	--	--	--	--	--	--	--	--	--	--	--	--	--	BASE BID			
OFFICE	108	F-10	VAT	B-1	SL	--	--	OPEN TO ABOVE SEE MEZZANINE RCP	--	--	--	--	--	--	--	--	--	--	--	--	--	BASE BID			
OFFICE	111	F-11	RF	B-2	RF	C-1	--	(E) 7'-6"	--	--	--	--	--	--	--	--	--	--	--	--	--	BASE BID			
OFFICE	112	F-11	RF	B-2	RF	C-1	--	(E) 7'-6"	--	--	--	--	--	--	--	--	--	--	--	--	--	BASE BID			
SECURITY	113	F-11	RF	B-2	RF	C-1	--	(E) 7'-6"	--	--	--	--	--	--	--	--	--	--	--	--	--	BASE BID			
MAIN LOBBY	114	F-11	RF	B-2	RF	C-1	P-L/S	(E) 7'-6" LOW	--	--	--	--	--	--	--	--	--	--	--	--	--	BASE BID			
CHECK OUT	116	F-11	RF</																						

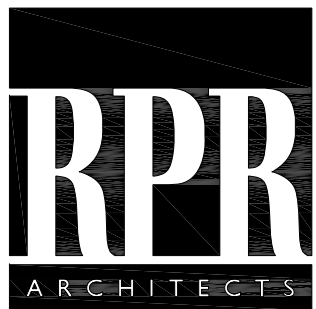
MATERIAL LEGEND			
LOCATION	CODE	MATERIAL DESCRIPTION	REMARKS
FLOORING	F-1	(E) CONCRETE	DIAMOND POLISH, STAIN FINISH & SEAL
	F-2	L.V.T. - FIELD	SEE SHEET A2.1 FOR FOR LVT FIELD & ACCENT COLORS
	F-3	L.V.T. - ACCENT	SEE SHEET A2.1 FOR FOR LVT FIELD & ACCENT COLORS
	F-4	L.V.T. - ACCENT	SEE SHEET A2.1 FOR FOR LVT FIELD & ACCENT COLORS
	F-5	L.V.T. - ACCENT	SEE SHEET A2.1 FOR FOR LVT FIELD & ACCENT COLORS
	F-6	L.V.T. - ACCENT	SEE SHEET A2.1 FOR FOR LVT FIELD & ACCENT COLORS
	F-7	L.V.T. - ACCENT	SEE SHEET A2.1 FOR FOR LVT FIELD & ACCENT COLORS
	F-8	L.V.T. - FIELD	SEE SHEET A2.1 FOR FOR LVT FIELD & ACCENT COLORS
	F-9	L.V.T. - ACCENT	SEE SHEET A2.1 FOR FOR LVT FIELD & ACCENT COLORS
	F-10	(E) VINYL ASBESTOS TILE	CLEAN & RESTORE. SEE SPECS FOR METHOD
	F-11	(E) TERRAZO	REFINISH INCLUDING INTEGRAL COVED BASE
BASE	B-1	(E) PAINTED WOOD	PAINT TO MATCH (E)
	B-2	(E) TERRAZZO COVE BASE	RESTORE TO MATCH FLOOR
	B-3	(N) RESILIENT BASE	
	B-4	(N) STAINED WOOD	STAIN & CLEAR COAT TO MATH (E)
	B-5	(E) STAINED WOOD	REFINISH TO MATCH (E) STAIN & CLEARCOAT
WALLS	W-1	(E) PLASTER	PAINT TO MATCH (E) AS NOTED
	W-2	(N) DRYWALL	LEVEL 5 SMOOTH FINISH, PAINT TO MATCH (E)
	W-3	(N) WOOD PANELING	STAIN & CLEAR COAT TO MATH (E)
CEILING	C-1	(E) 12" x 12" ACOUSTIC CEILING TILE	PAINT ALL (E) CEILING TILES
	C-2	(E) PLASTER	PAINT TO MATCH (E) AS NOTED
	C-3	(N) 24" x 48" ACOUSTIC CEILING TILE	
	C-4	(N) 12" x 12" ACOUSTIC CEILING TILE	PAINT ALL (N) CEILING TILES TO MATCH (E)
	C-5	(N) GYPSUM BOARD SOFFIT	PAINT TO MATCH (E) BEAMS

[illegible][illegible]

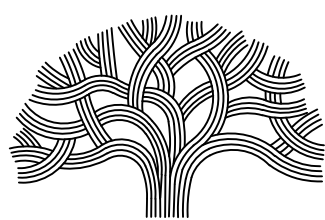
FINISH NOTES

1. ALL WALL & CEILING PAINT TO BE SATIN, U.O.N.
2. ALL ADHESIVES, SEALANTS & CAULKS SHALL MEET 2019 CAL GREEN V.O.C. REQUIREMENTS
3. ALL PAINTS, COATINGS & AEROSOLS SHALL MEET 2019 CAL GREEN V.O.C. REQUIREMENTS
4. ALL CARPET, FLOOR COVERINGS & ADHESIVES SHALL MEET 2019 CAL GREEN V.O.C. & RECYCLED CONTENT REQUIREMENTS.
5. CONTRACTOR SHALL SUBMIT VERIFICATION / CERTIFICATION OF COMPLIANCE FORMS AS STATED IN GREEN BUILDING CHECKLIST PRIOR TO FINAL INSPECTION.
6. DO NOT PAINT ANY CLEAR COATED (NON-PAINTED) WOOD PANELING, TRIM, BOOKSHELVES, DOORS, RAILINGS OR BASEBOARD UNLESS OTHERWISE NOTED ON THE DRAWINGS.
7. ALL (E) METAL FRAMED WINDOWS IN AREAS OF WORK TO BE PAINTED IN SEMI-GLOSS W/ COLOR TO MATCH (E) ON THE INTERIOR SIDE, TYP. UNLESS OTHERWISE NOTED.
9. REPLACE ANY DAMAGED, ROTTED OR WATER STAINED ACoustICAL CEILING TILES TO MATCH (E), TYP. THROUGH AREAS OF CEILING PAINTING SCOPE. SEE REFLECTED CEILING PLANS FOR MORE INFORMATION.
10. REPLACE ANY BROKEN OR MISSING VINYL ASBESTOS FLOOR TILES W/ V.C.T. TILES CUT TO FIT & COLORS TO MATCH. ASSUME LESS THAN 100 S.F. OF VINYL ASBESTOS FLOOR TILES TO BE REPLACED. SEE FLOOR PLANS FOR MORE INFORMATION.
11. ALL SURFACE MOUNTED CONDUIT, J-BOXES & ATTACHMENT BRACKETS ARE TO BE PAINTED TO MATCH THE ADJACENT WALL OR CEILING SURFACE, TYP.
12. ALL PAINT COLORS ON PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/ ARCHITECT & LIBRARY STAFF.

DRAWING NAME: C:\projects\June2022\Oakland Main Library Drawings\CD\180102_AV2_Door_Window_Schedule.dwg
PLOTED BY: Adam Carr



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OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET



KATHLEEN ROUSEAU

RCE NO. C19081

EXP. 06.23

CHECKED BY

DESIGNED BY

DRAWN BY

No.	DATE	BY	REFERENCE
1	02.17.23	RPR	ISSUED FOR BID

DOOR
SCHEDULE

PROJECT NO.
C1004859

SCALE: AS NOTED
HOR:
VERT:
DATE: 02.17.23

SHEET NO.
A7.2
29 OF 62

GENERAL DOOR & WINDOW NOTES

- SEE TYPICAL ACCESSIBLE DOOR ON SHEET A0.3
- SEE SPECIFICATIONS FOR DOOR HARDWARE, TYP.

ABBREVIATIONS

FLOAT	FLOAT GLASS	VNL	VINYL CLAD
FXED	FIXED GLASS	G-STL	GALVANIZED STEEL
1/4 - TG	1/4" THICK TEMPERED GLASS	ALUM	ALUMINUM
1-LAM	1" THK. LAMINATED SAFETY GLASS	B-ANO	BLACK ANODIZED
1-LF	1" THK. INSUL. LAMINATED/ FLOAT GLASS	C-ANO	CLEAR ANODIZED
1-TG	1" THICK INSULATED TEMPERED GLASS	PT	PAINTED
TEMP	TEMPERED GLASS	ST	STAIN
WIRE	WIRE SAFETY GLASS	SCW	SOLID CORE WOOD
FROST	FROSTED GLASS	HM	HOLLOW METAL
OBSC	OBSCURE GLASS	CLAD	ALUMINUM CLAD WOOD WINDOW - ALUMINUM EXT. W/ WOOD INT.
CL	CHAIN LINK		
PA	CUSTOM PERFORATED ALUMINUM PANEL	FF	FACTORY FINISH
VC	VINYL COATED	CLR	CLEAR POLYURETHANE FINISH
TS	TUBE STEEL POSTS	SS	STAINLESS STEEL

WINDOW SCHEDULE

WIN. NO.	ROOM NAME	ROOM NO.	FIRE RATING	WIN. TYPE	FRAME THK.	WINDOW				DETAIL			REMARKS
						SIZE (W X H)	MAT	FIN	GLZ	HEAD	JAMB	SILL	
101	CONFERENCE ROOM	133	NR	1	--	SEE WIN. TYPE	TEMP	--	1/4"-TG	--	18/A8.1	17/A8.1	CUSTOM FREE STANDING GLASS WALL SYSTEM - BASIS OF DESIGN: AVANTI SYSTEMS SALES@AVANTISYSTEMSUSA.COM (877) 282.6843
102	CONFERENCE ROOM	133	NR	1	--	SEE WIN. TYPE	TEMP	--	1/4"-TG	--	18/A8.1	17/A8.1	CUSTOM FREE STANDING GLASS WALL SYSTEM - BASIS OF DESIGN: AVANTI SYSTEMS SALES@AVANTISYSTEMSUSA.COM (877) 282.6843
103	CONFERENCE ROOM	133	NR	2	--	SEE WIN. TYPE	TEMP	--	1/4"-TG	--	18/A8.1	17/A8.1	CUSTOM FREE STANDING GLASS WALL SYSTEM - BASIS OF DESIGN: AVANTI SYSTEMS SALES@AVANTISYSTEMSUSA.COM (877) 282.6843

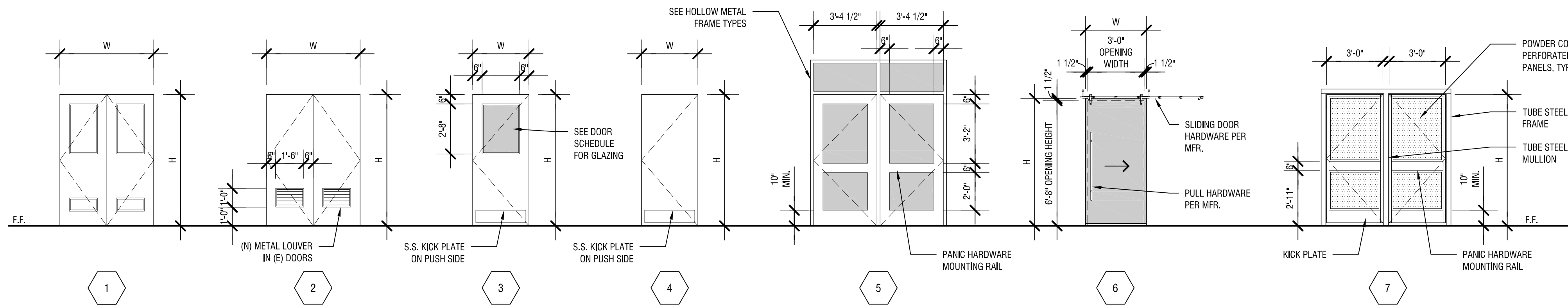
DOOR SCHEDULE

DOOR NO.	ROOM NAME	ROOM NO.	FIRE RATING	DOOR TYPE	THK.	DOOR				FRAME			DETAIL			HARD-WARE	REMARKS
						SIZE (W X H)	MAT	FIN	GLZ	TYPE	FIN	GLZ	HEAD	JAMB	SILL		
001	LOADING DOCK	015	--	2	1 3/4"	5'-0" X 7'-0" PAIR	SCW (E)	CLR (E)	--	(E)	(E)	--	--	--	--	--	ADD LOUVERS & REINSTALL, PAINT DOOR & LOUVERS TO MATCH (E)
002	ACQUISITIONS	011	--	1	1 3/4"	5'-0" X 7'-0" PAIR	SCW (E)	CLR (E)	--	(E)	(E)	--	--	--	--	--	REVERSE DOOR SWING PER FLOOR PLAN - MODIFY, REPAIR & REFINISH WOOD DOORS & FRAME AS REQUIRED TO MATCH (E)
003	HALLWAY	019	--	3	1 3/4"	3'-0" X 7'-0"	SCW	CLR	TEMP	WD	PT	--	13/A8.1	14/A8.1	12/A8.1	--	
004	OFFICE	011A	--	4	1 3/4"	3'-0" X 7'-0"	SCW	CLR	--	WD	PT	--	13/A8.1	14/A8.1	12/A8.1	--	
005	HALLWAY	019	--	3	1 3/4"	3'-0" X 7'-0"	SCW	CLR	TEMP	WD	PT	--	13/A8.1	14/A8.1	12/A8.1	--	
006	COMMUNITY ROOM	026	--	5	1 3/4"	3'-4 1/2" X 7'-0" PAIR	HM	PT	1-LAM	A	PT	1-LAM	16/A8.1	16/A8.1	15/A8.1	--	
007	COMMUNITY ROOM	026	--	5	1 3/4"	3'-4 1/2" X 7'-0" PAIR	HM	PT	1-LAM	A	PT	1-LAM	16/A8.1	16/A8.1	15/A8.1	--	

101	CONFERENCE ROOM	133	--	6	--	SEE WIN. TYPES	TEMP	--	TEMP	--	--	--	10/A8.1	11/A8.1	9/A8.1	--	CUSTOM GLASS SLIDING DOOR - BASIS OF DESIGN: AVANTI SYSTEMS SALES@AVANTISYSTEMSUSA.COM (877) 282.6843
201	COURTYARD	--	--	7	--	3'-0" X 7'-0" PAIR	STL	PT	--	B	PT	--	5/A1.2	7/A1.2	--	--	CUSTOM STEEL GATES W/ CLOSERS

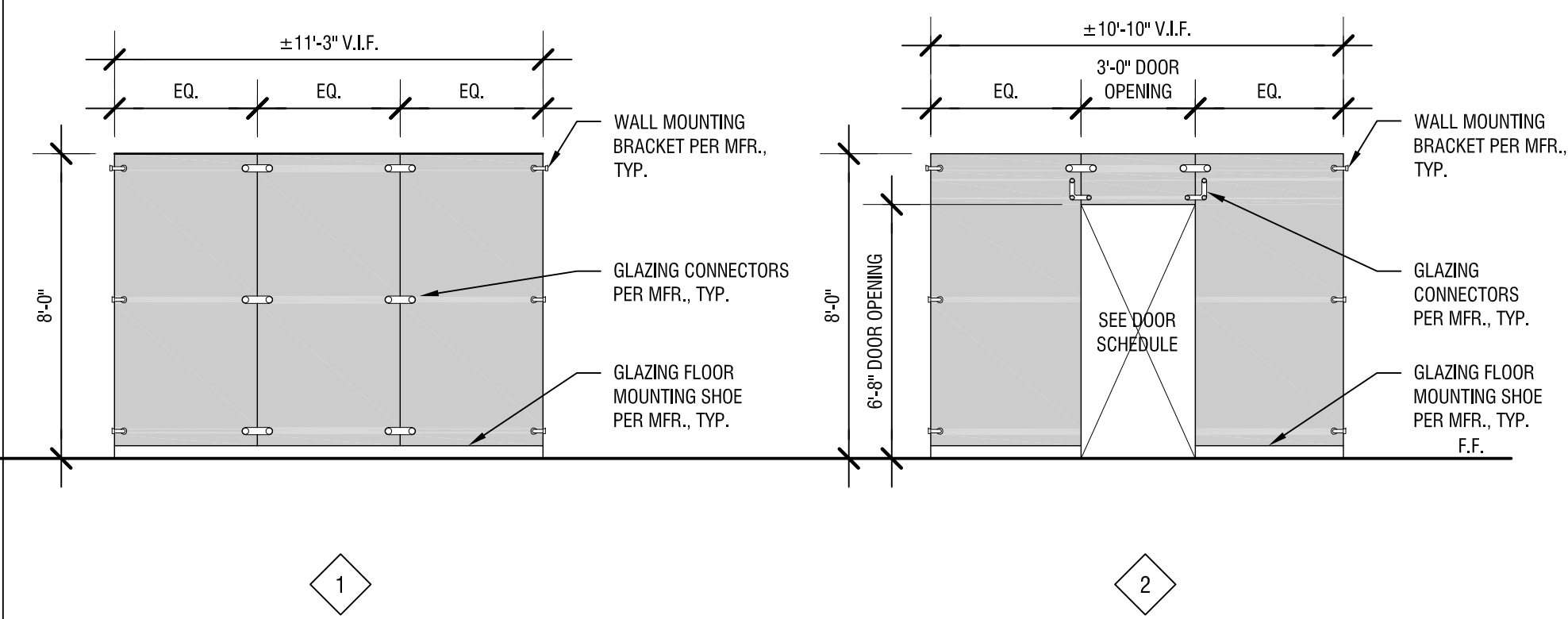
DOOR TYPES

SCALE: 1/4"=1'-0"



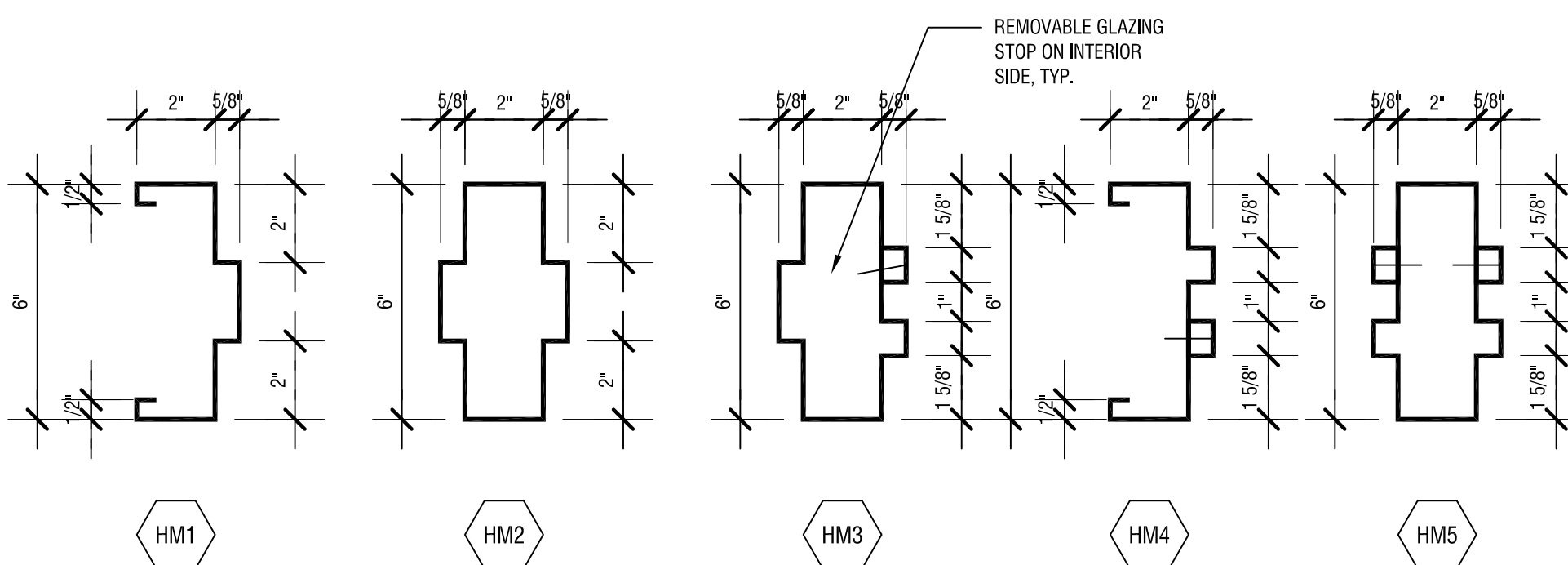
WINDOW TYPES

SCALE: 1/4"=1'-0"



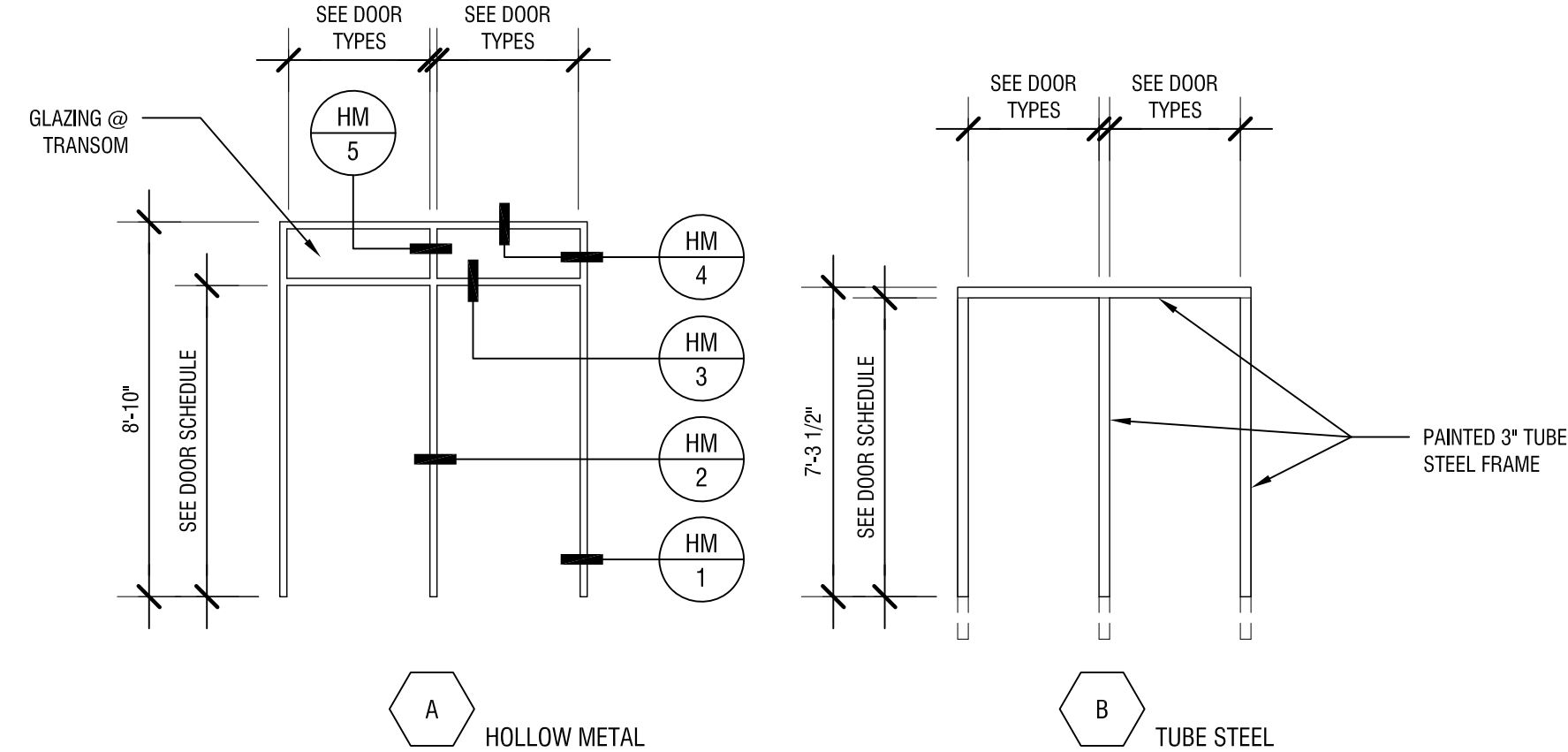
HOLLOW METAL PROFILES

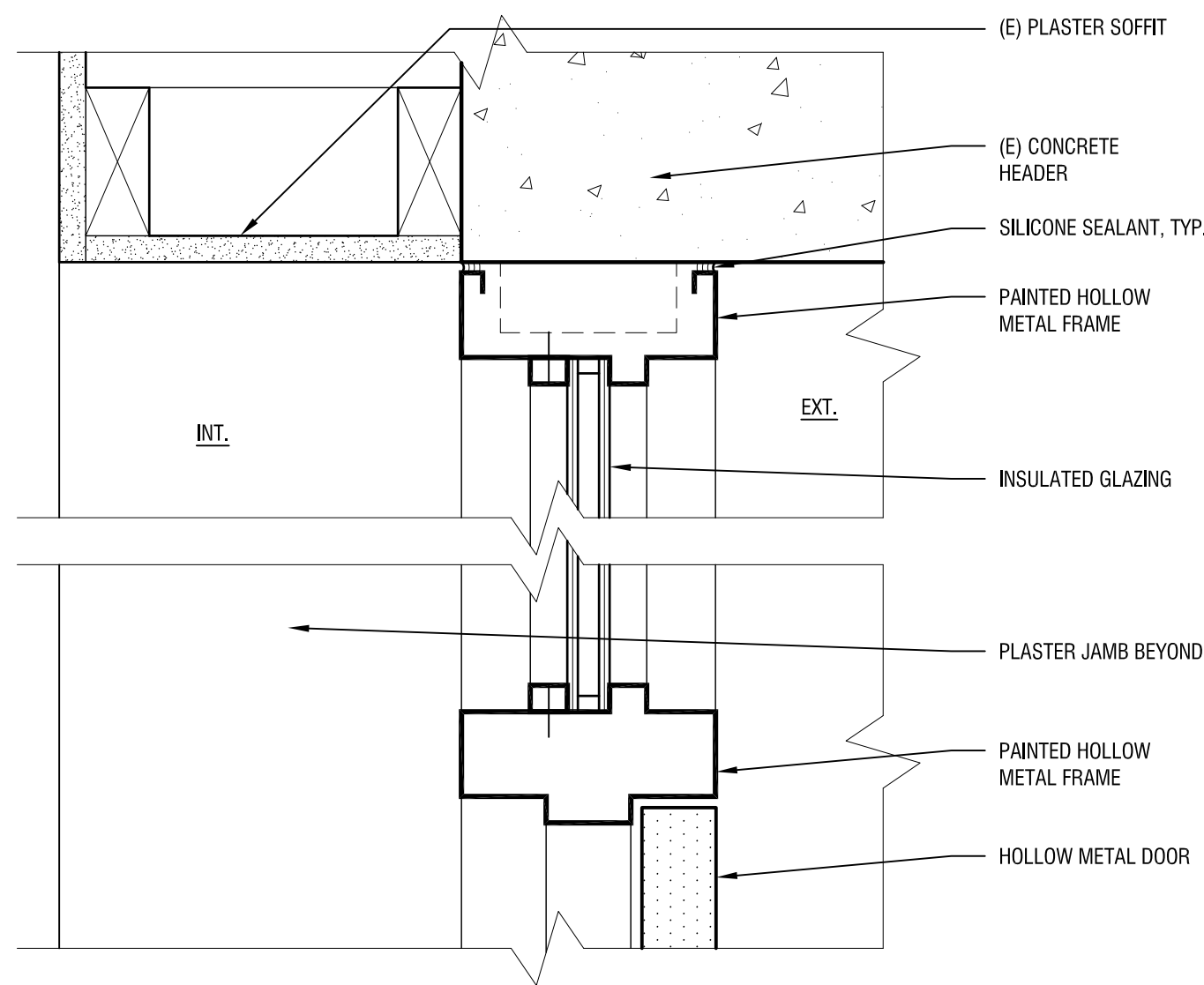
SCALE: 3/8"=1'-0"



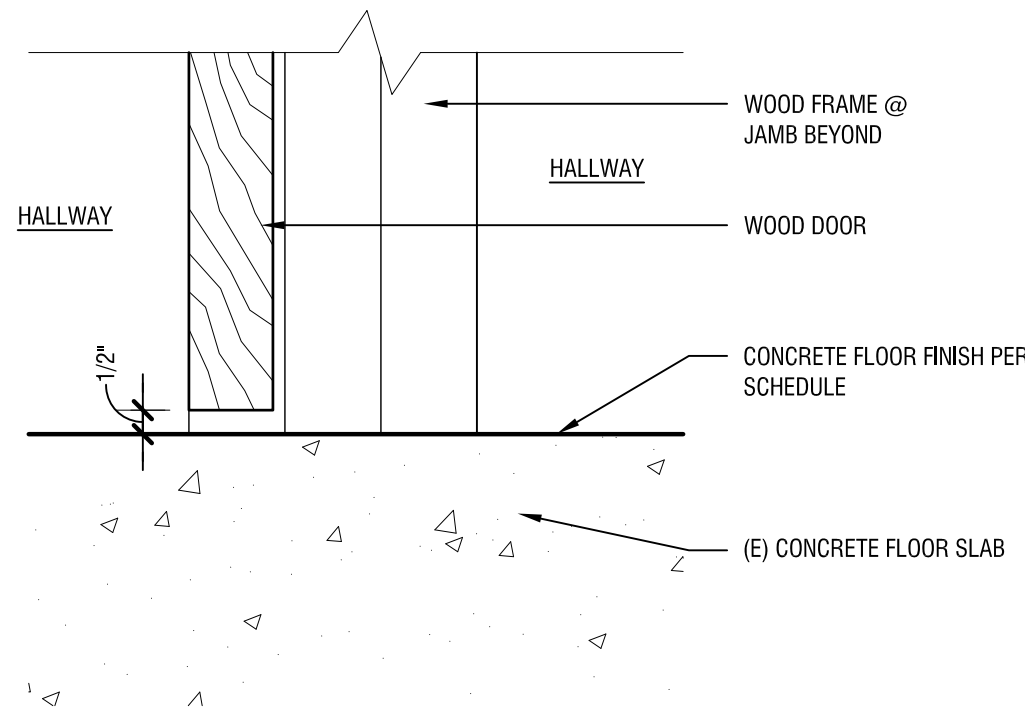
METAL DOOR FRAME TYPES

SCALE: 1/4"=1'-0"

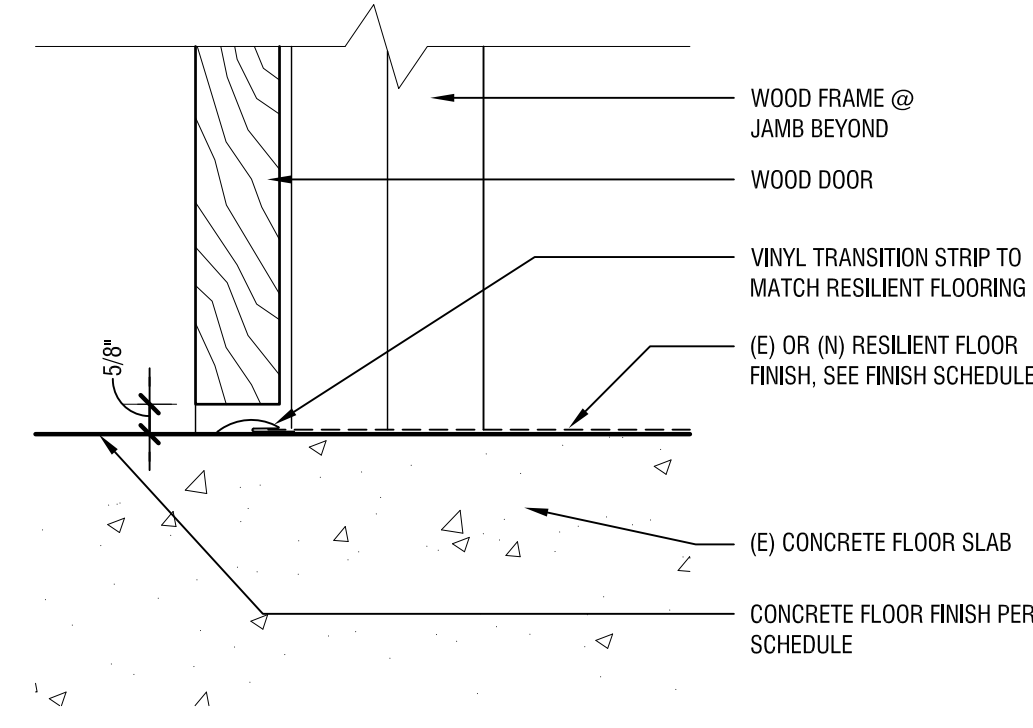




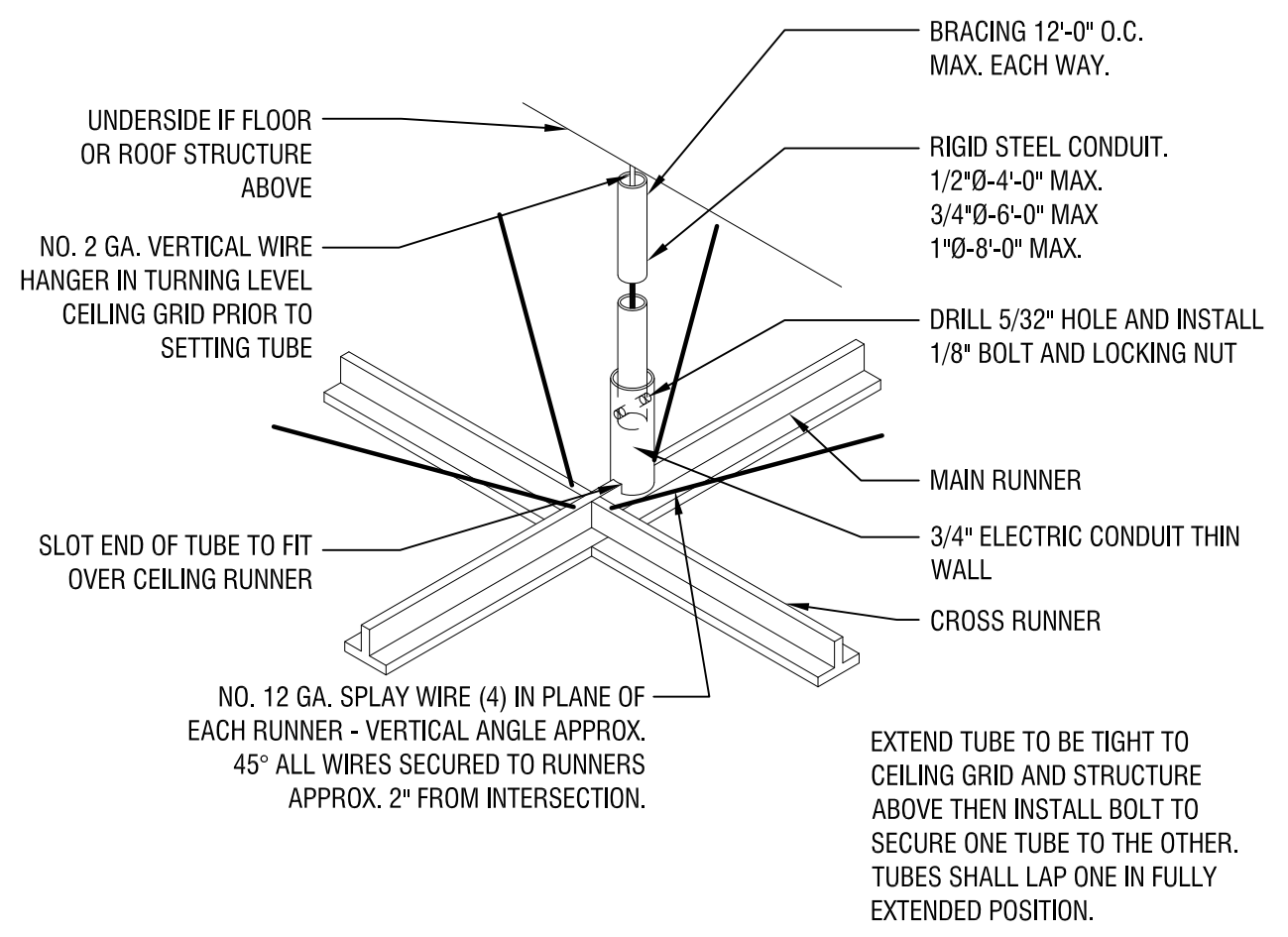
16 HOLLOW METAL DOOR HEAD - JAMB SIM.
SCALE: 3"=1'-0"



12 TYP. DOOR SILL @ CONCRETE FLOORING
SCALE: 3"=1'-0"

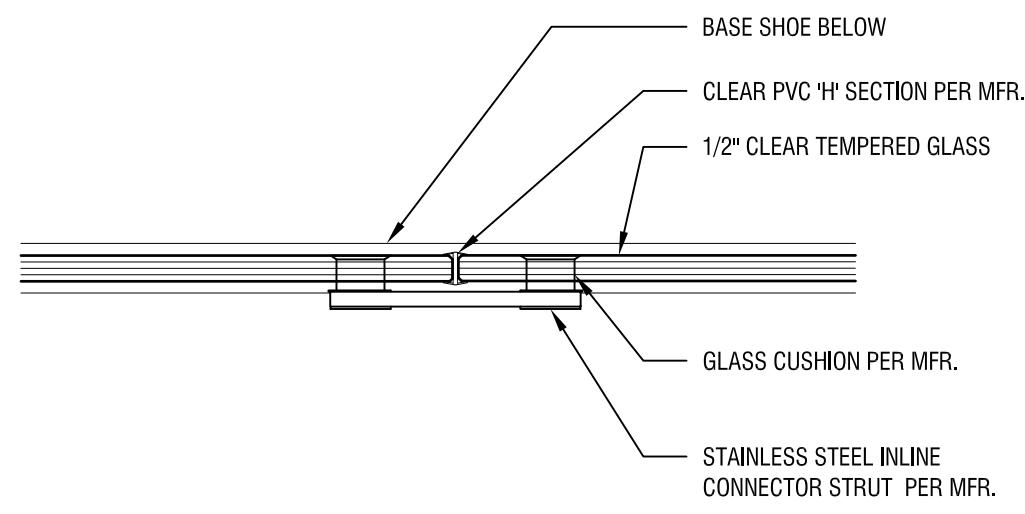


8 TYP. DOOR SILL @ FLOORING TRANSITION
SCALE: 3"=1'-0"

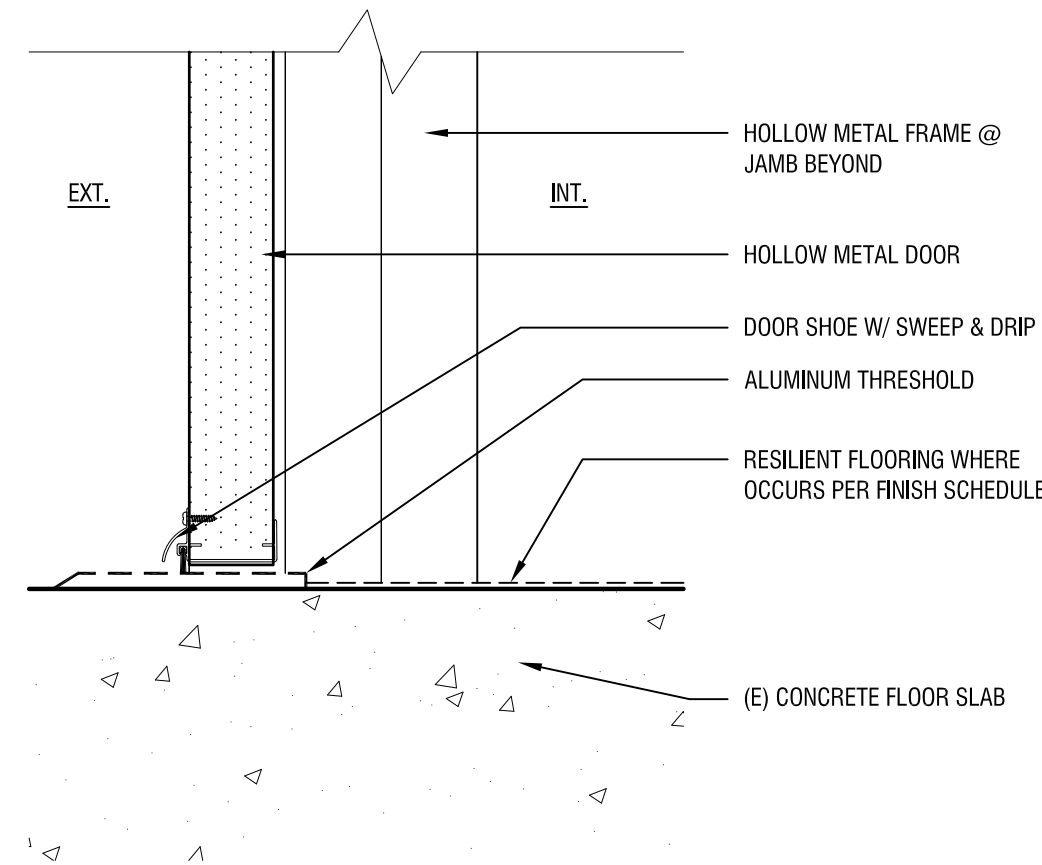


NOTE: BRACE WIRES ARE ON THE MAIN RUNNER WITHIN 2" OF CROSS RUNNER PER CBC STANDARD 25-2

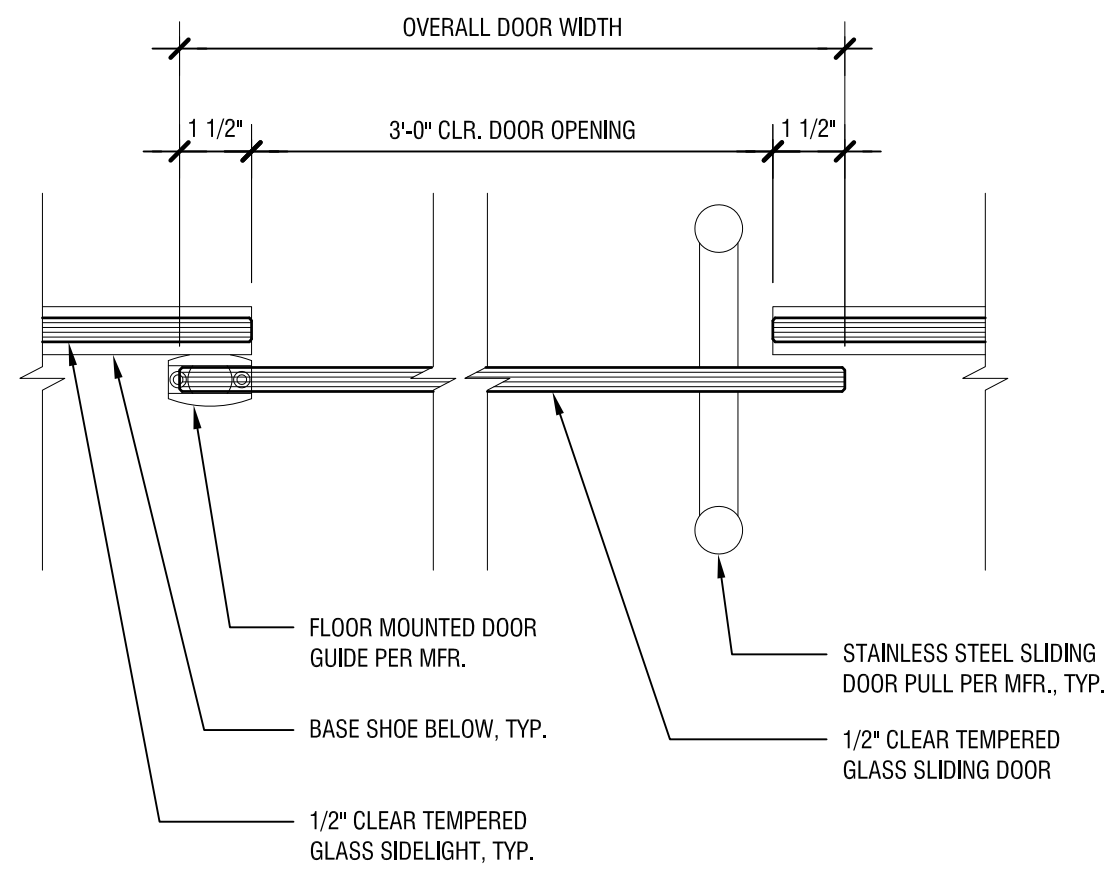
4 TYP. A.C.T. BRACING
SCALE: 3"=1'-0"



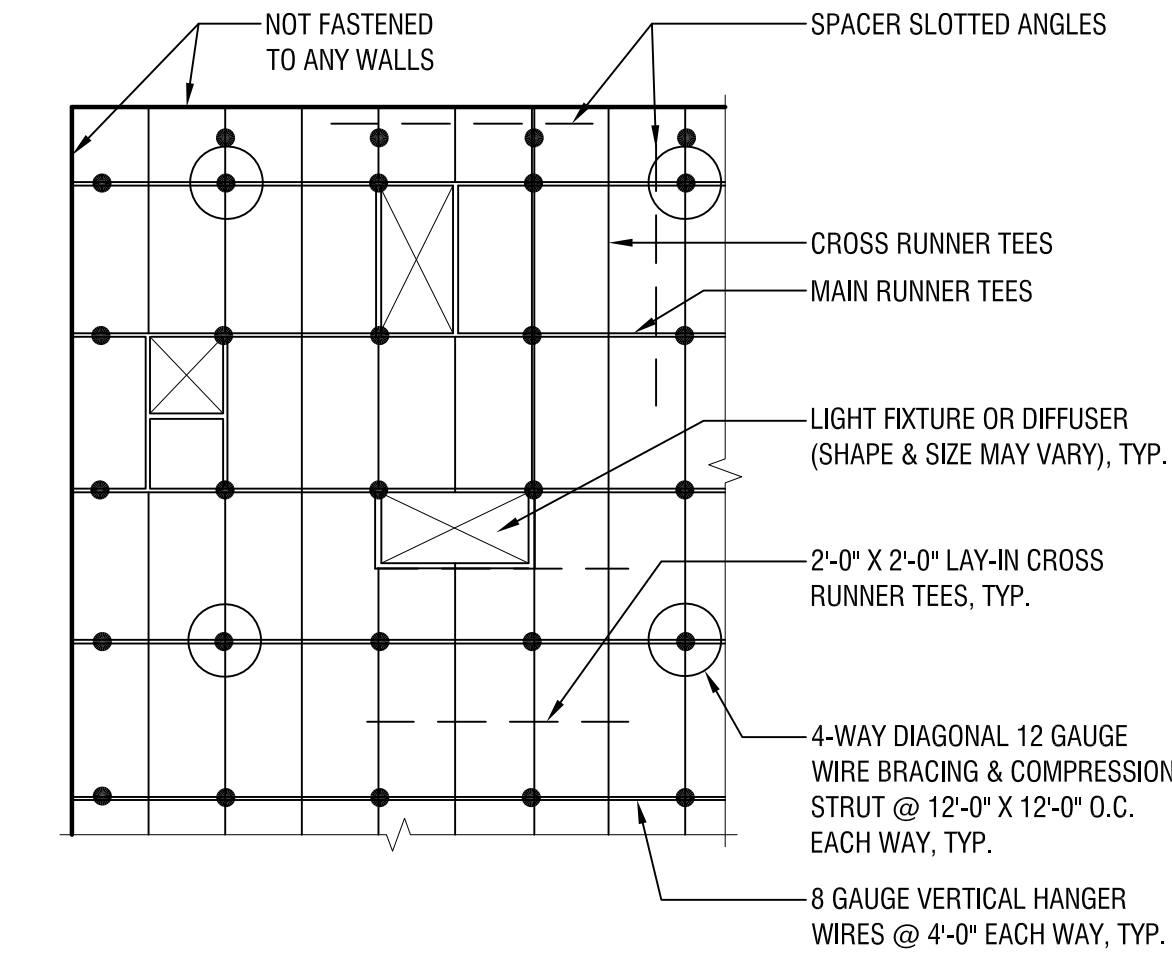
19 GLASS WALL BUTT JOINT CONNECTION
SCALE: 3"=1'-0"



15 EXT. SILL @ HOLLOW METAL DOOR
SCALE: 3"=1'-0"

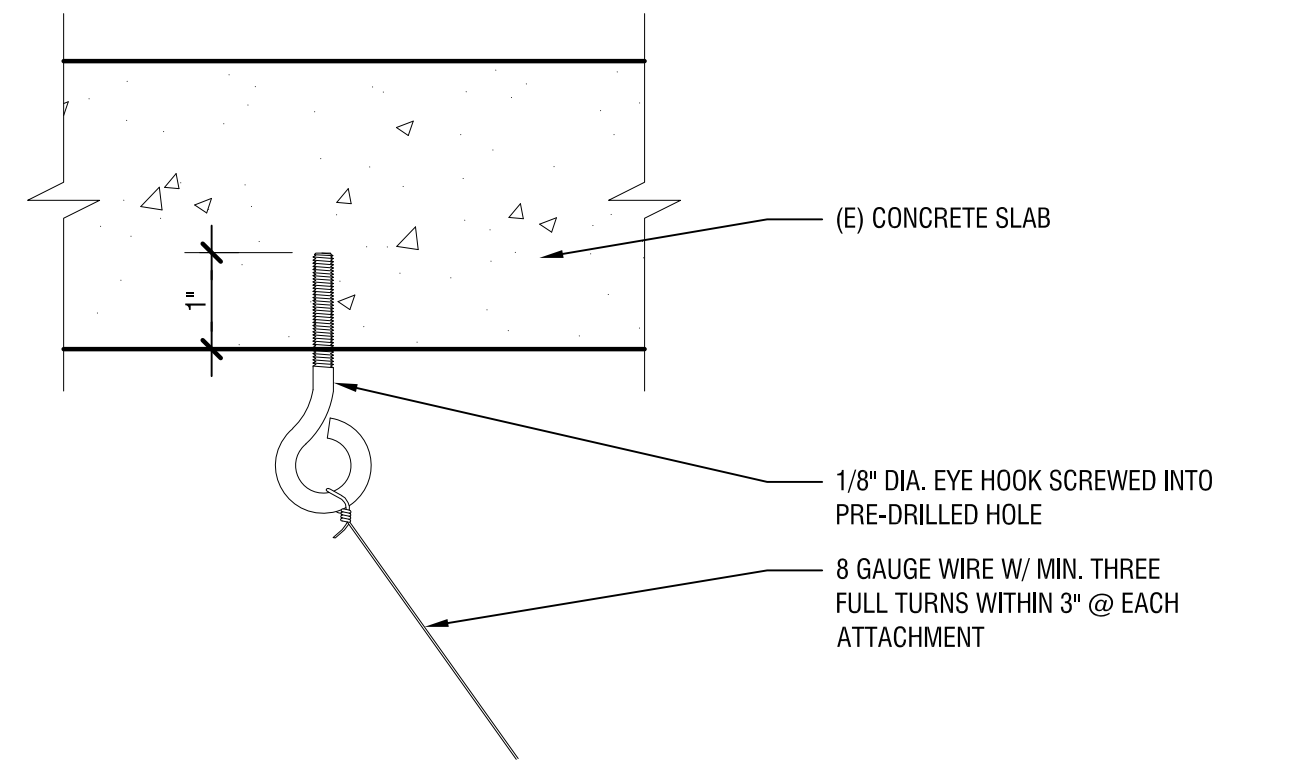


11 SLIDING GLASS DOOR JAMB
SCALE: 3"=1'-0"

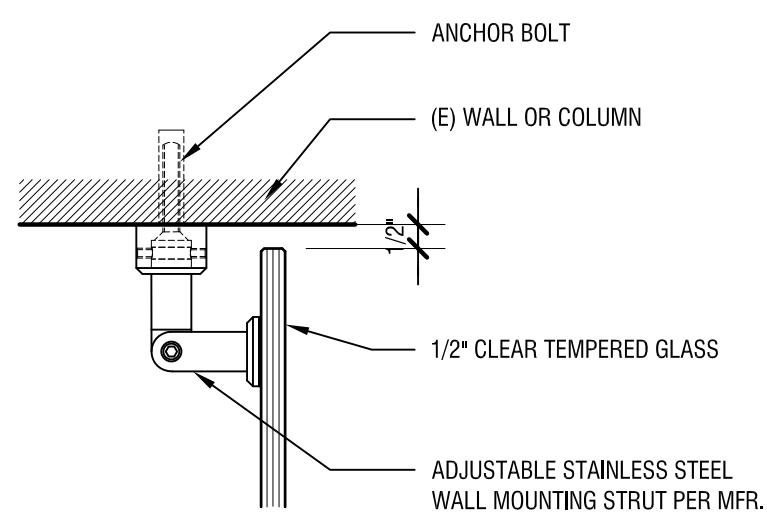


NOTES:
1. INSTALL COMPRESSION STRUTS (1 PER 144 S.F. MAX.) @ ALL SUSPENDED CEILINGS
2. LOCATE BRACES WITHIN 6'-0" OF ANY WALL

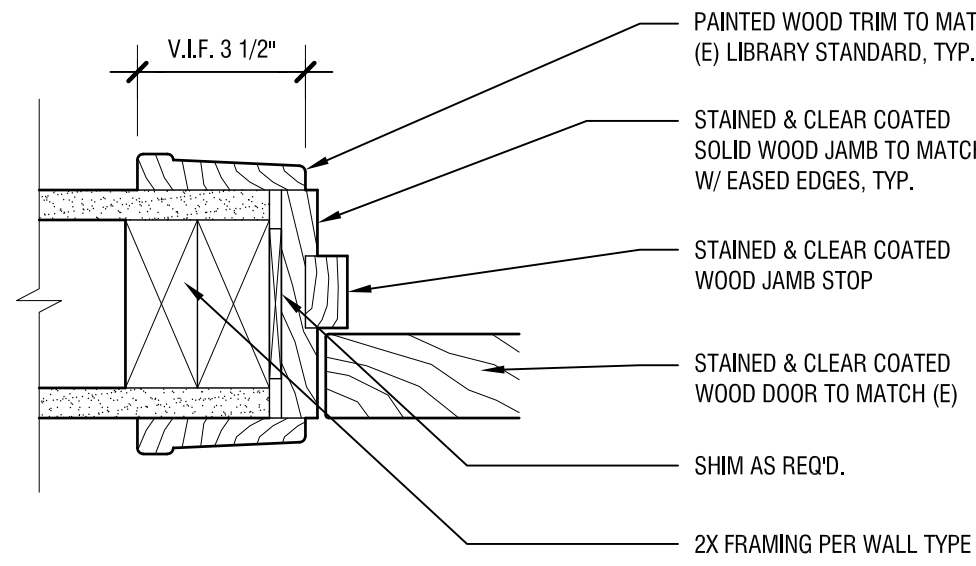
7 TYP. A.C.T. FRAMING
SCALE: 1/4"=1'-0"



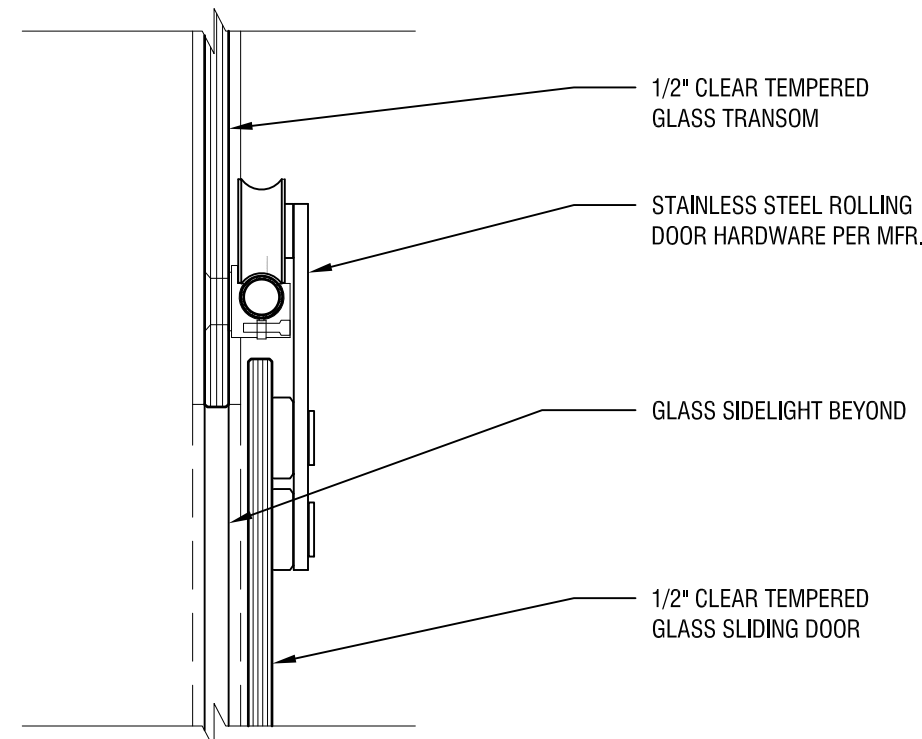
3 TYP. A.C.T. SPLAY WIRE CONNECTION
SCALE: 6"=1'-0"



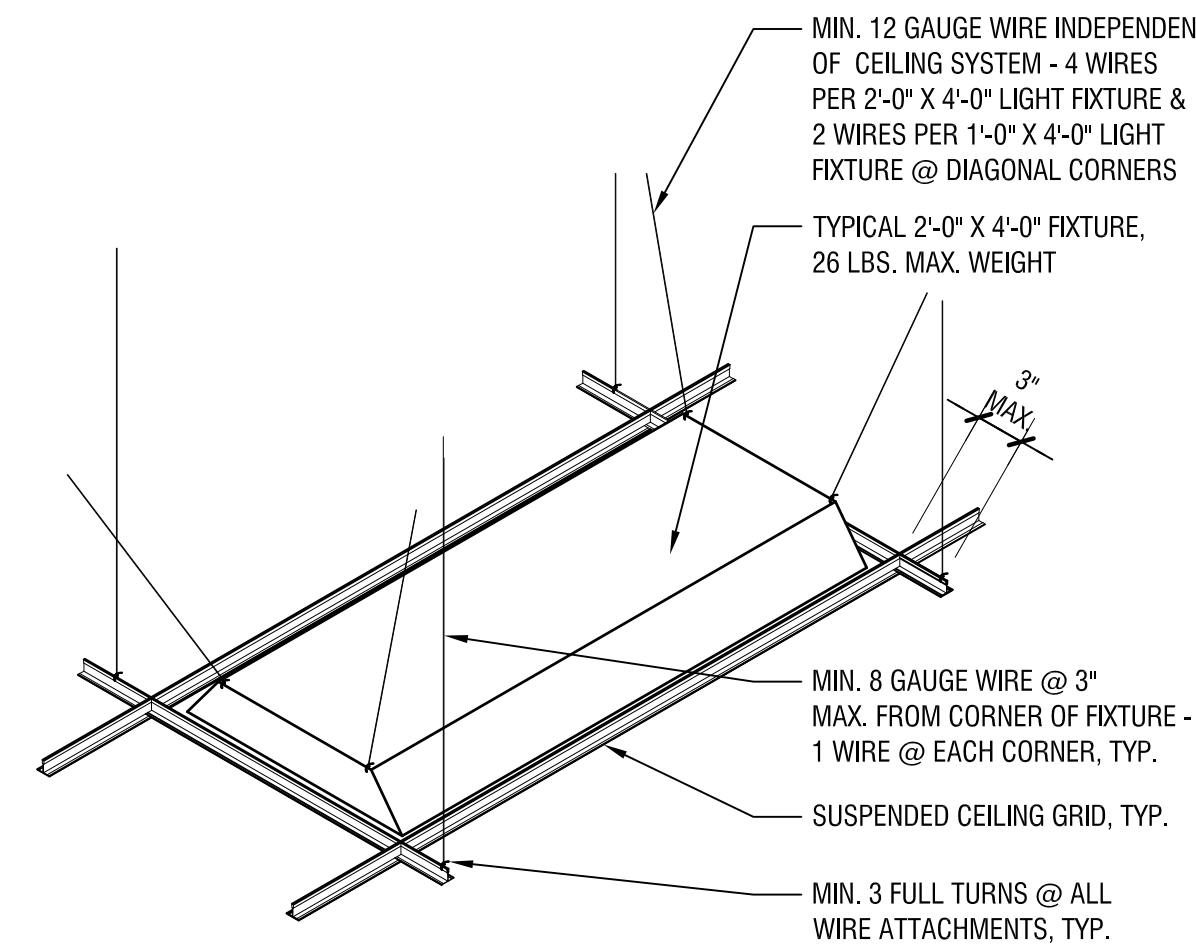
18 GLASS WALL JAMB CONNECTION @ WALL
SCALE: 3"=1'-0"



14 TYP. WOOD DOOR JAMB
SCALE: 3"=1'-0"

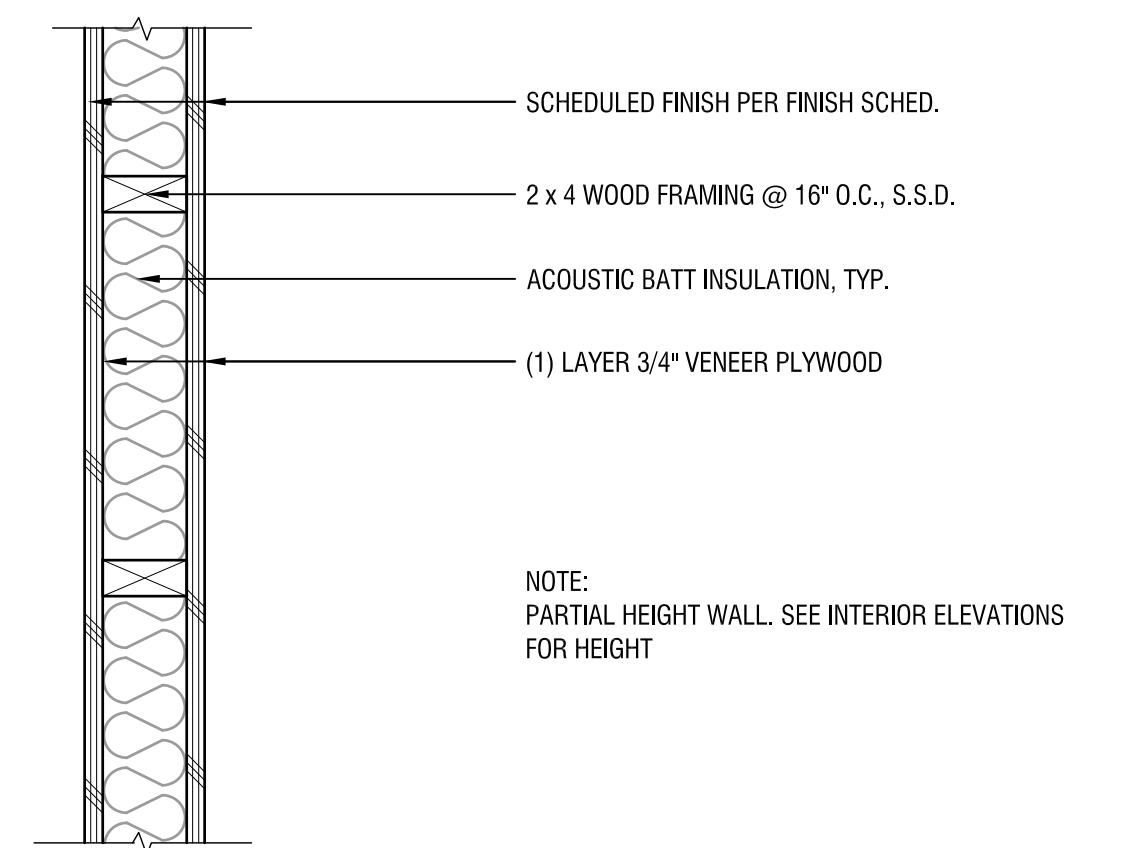


10 SLIDING GLASS DOOR HEAD
SCALE: 3"=1'-0"

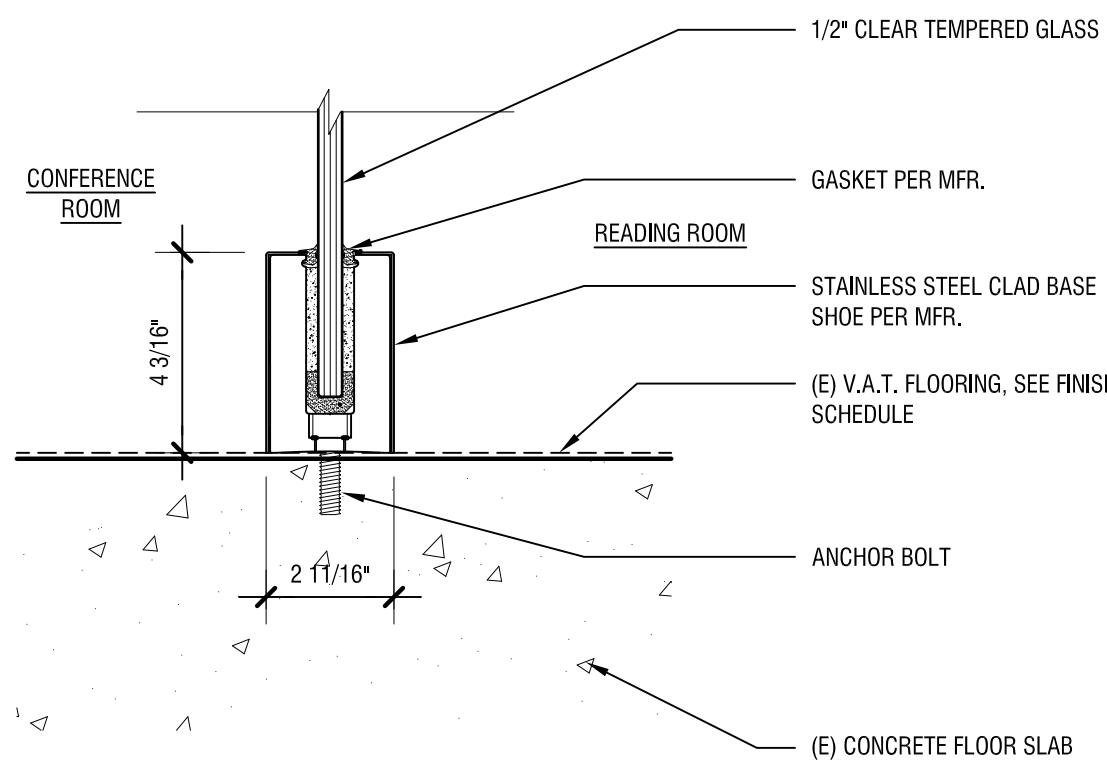


NOTES:
1. ATTACH LIGHT FIXTURE TO RUNNERS W/ MECHANICAL FASTENERS

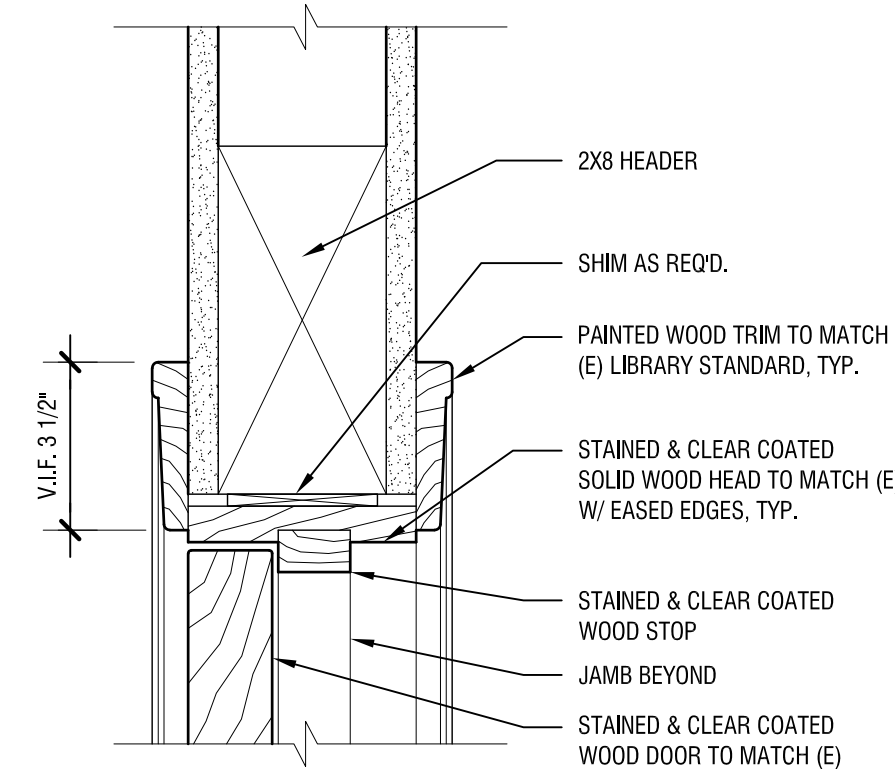
6 TYP. A.C.T. FIXTURE SEISMIC BRACING
SCALE: 3"=1'-0"



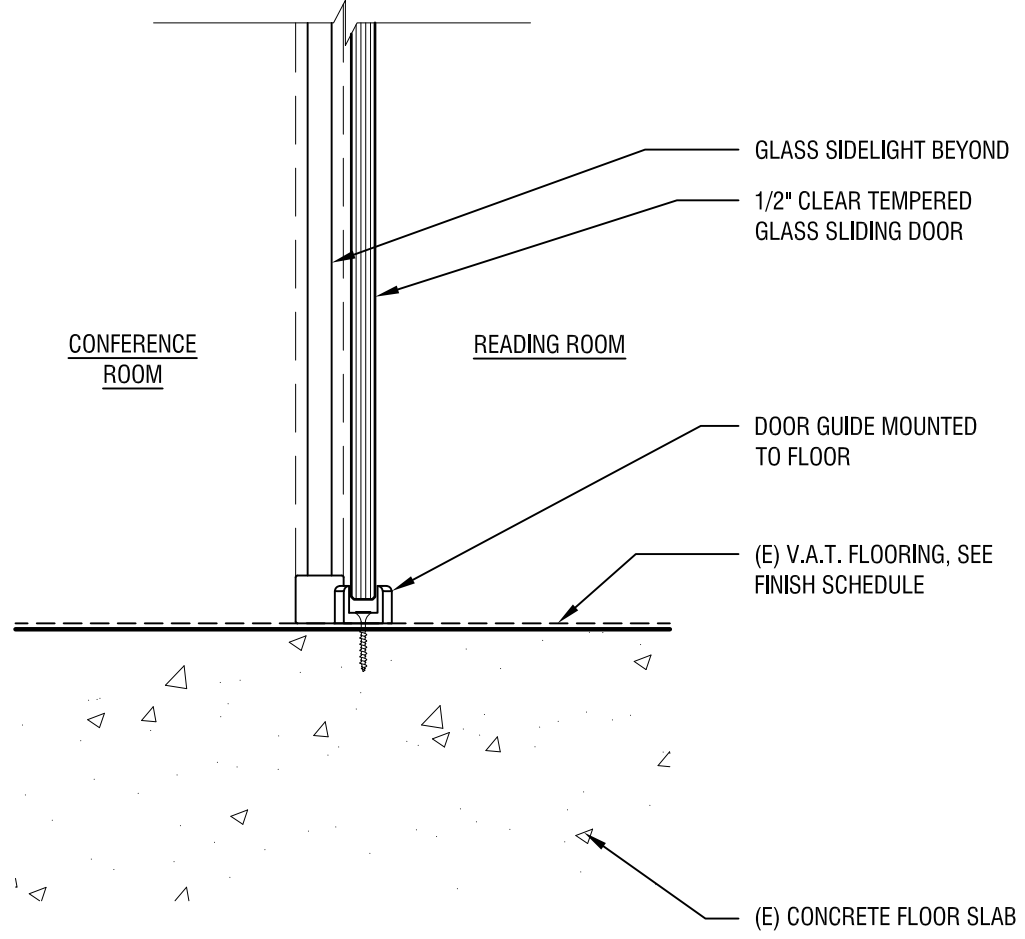
2 WALL TYPE - 2
SCALE: 1 1/2"=1'-0"



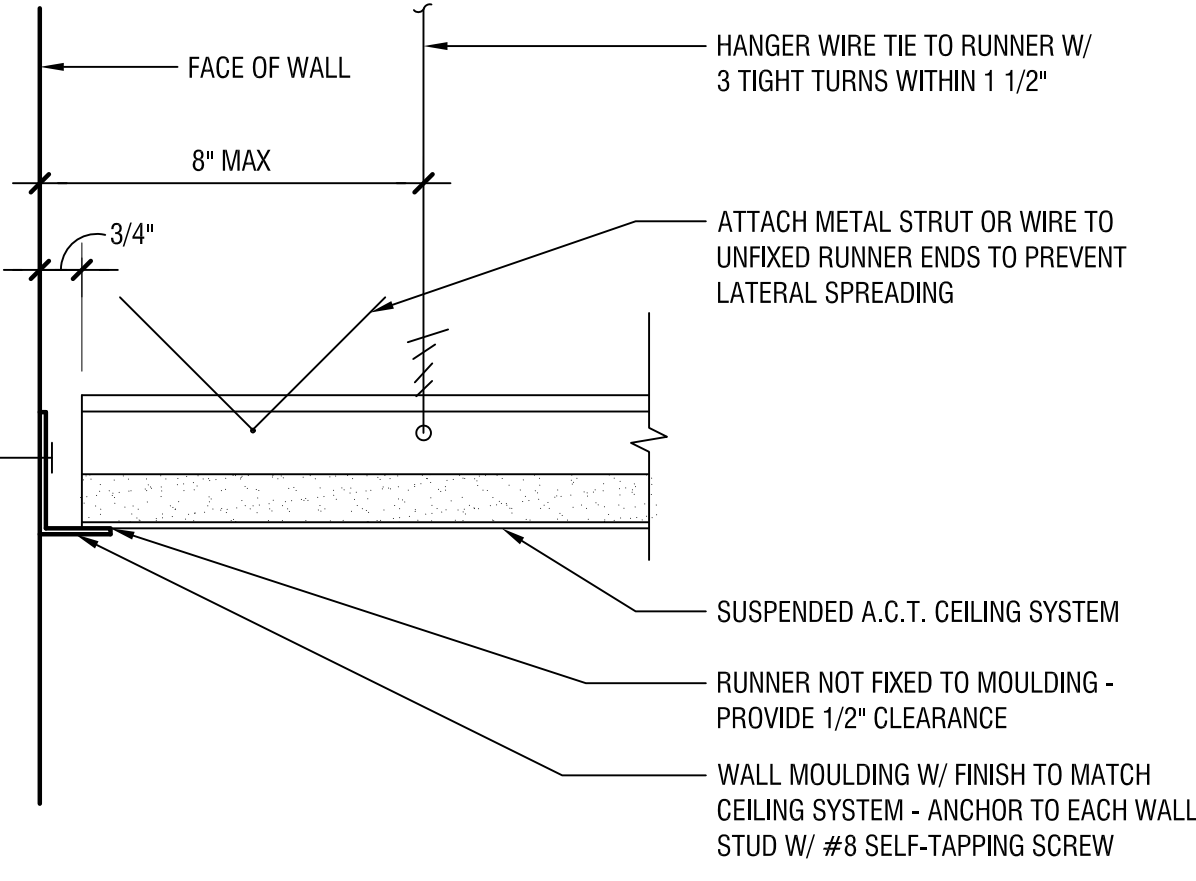
17 GLASS WALL SILL / BASE CONNECTION
SCALE: 3"=1'-0"



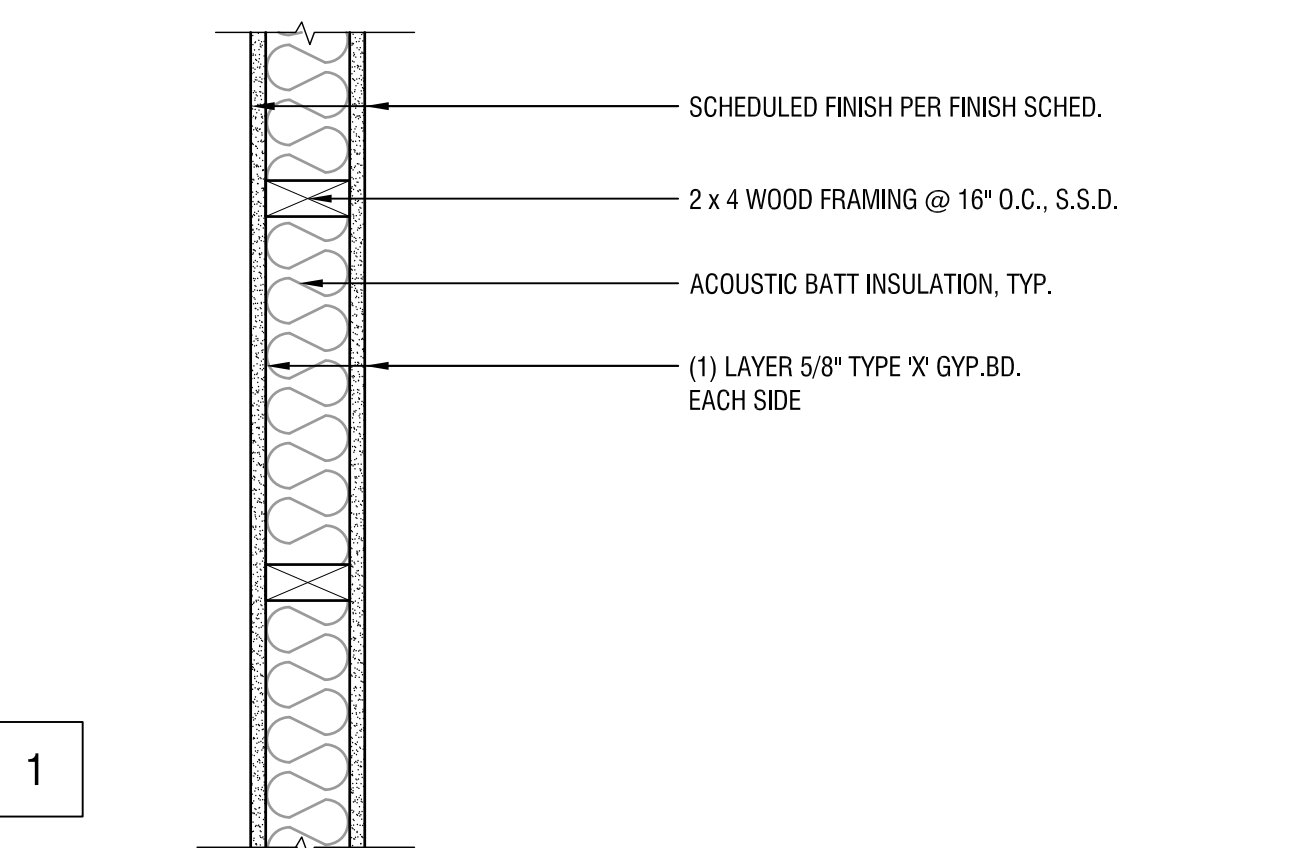
13 TYP. WOOD DOOR HEAD
SCALE: 3"=1'-0"



9 SLIDING GLASS DOOR SILL
SCALE: 3"=1'-0"



5 TYP. A.C.T. EDGE @ WALL
SCALE: 3"=1'-0"

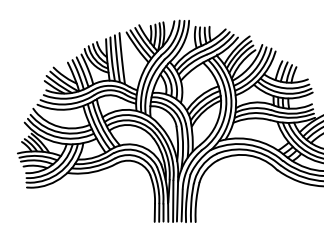


1 WALL TYPE - 1
SCALE: 1 1/2"=1'-0"

DRAWING NAME: C:\projects\04022022_Oakland Main Library\Drawings\CD\1004859_A8.1_Details.dwg
PLOT BY: Adam Carr



1629 Telegraph Avenue
Oakland, CA 94612
Tel 510 272 0654



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DEPARTMENT OF ENGINEERING & CONSTRUCTION
250 FRANK H. OGAWA PLAZA
SUITE 4514
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(510) 238-3437

OAKLAND MAIN LIBRARY
INFRASTRUCTURE IMPROVEMENTS
125 14TH STREET



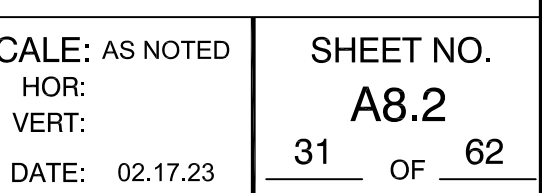
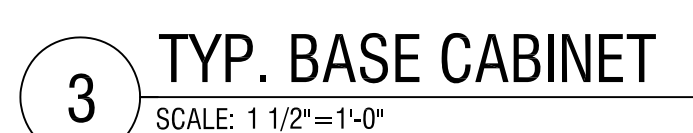
KATHLEEN ROUSEAU	No.	DATE	BY	REFERENCE
RCE NO. C19081 EXP. 06.23	1	02.17.23	RPR	ISSUED FOR BID
CHECKED BY				
DESIGNED BY				
DRAWN BY				

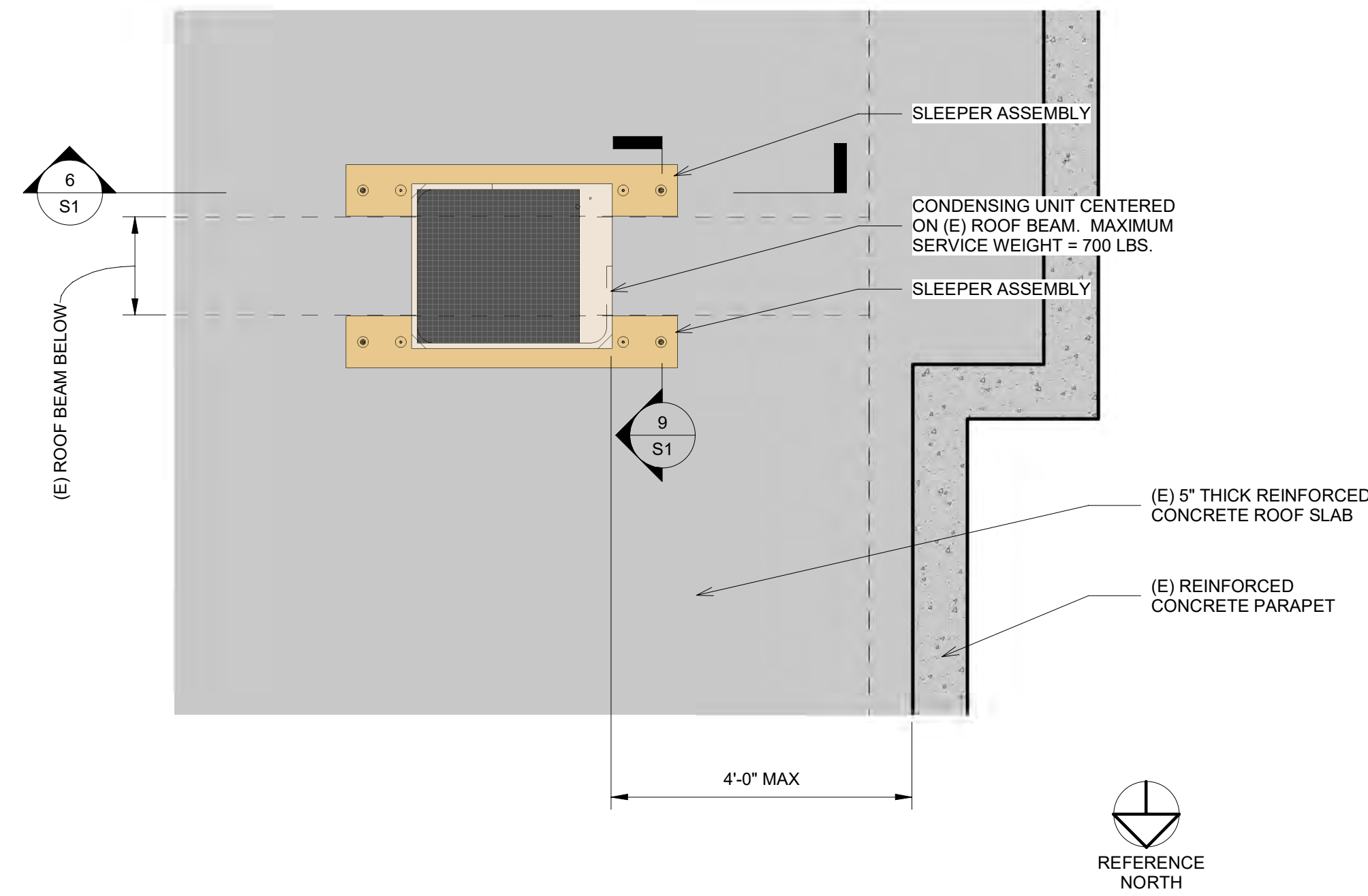
CONSTRUCTION DETAILS

PROJECT NO.
C1004859

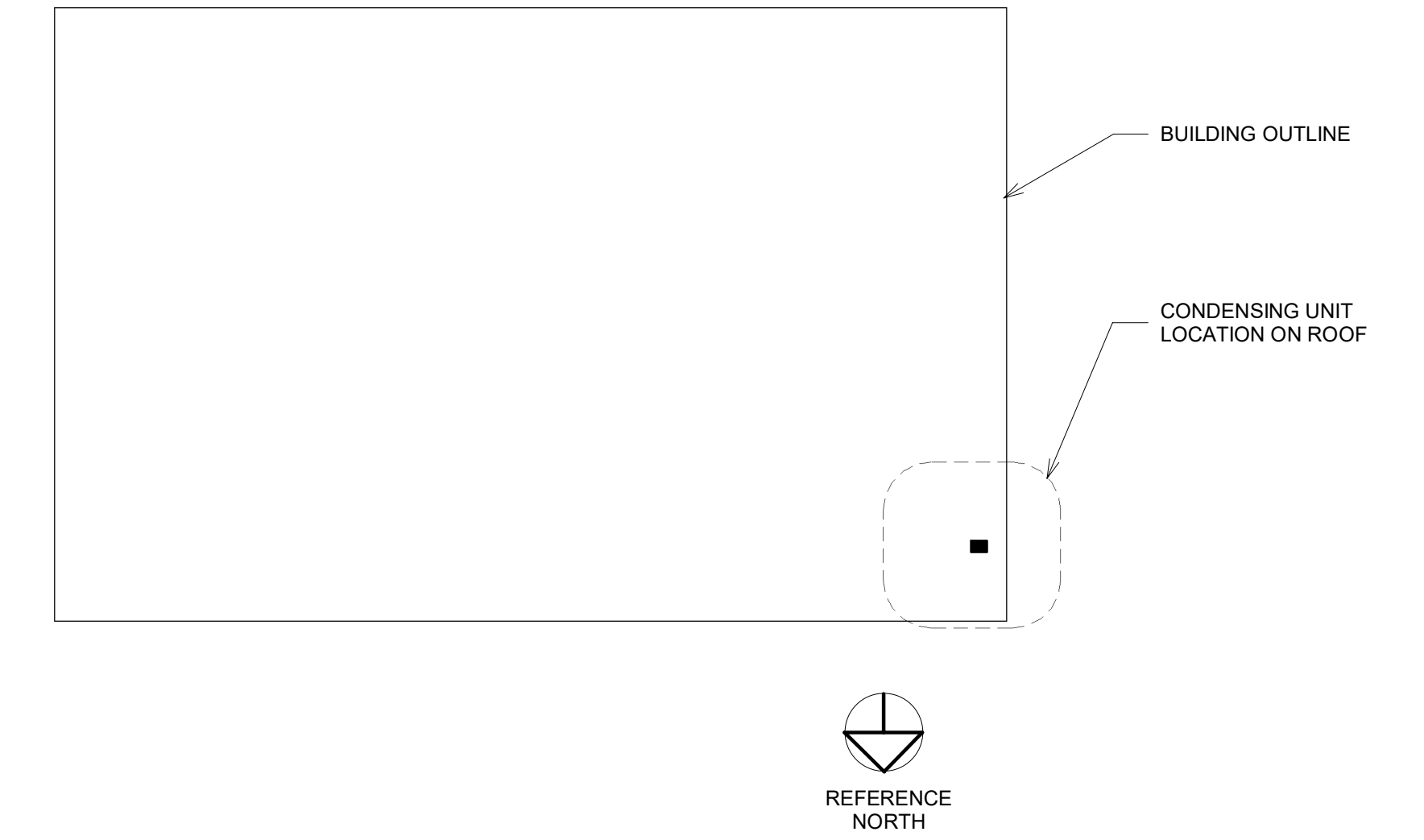
SCALE: AS NOTED
HOR:
VERT:
DATE: 02.17.23

SHEET NO.
A8.1
30 OF 62

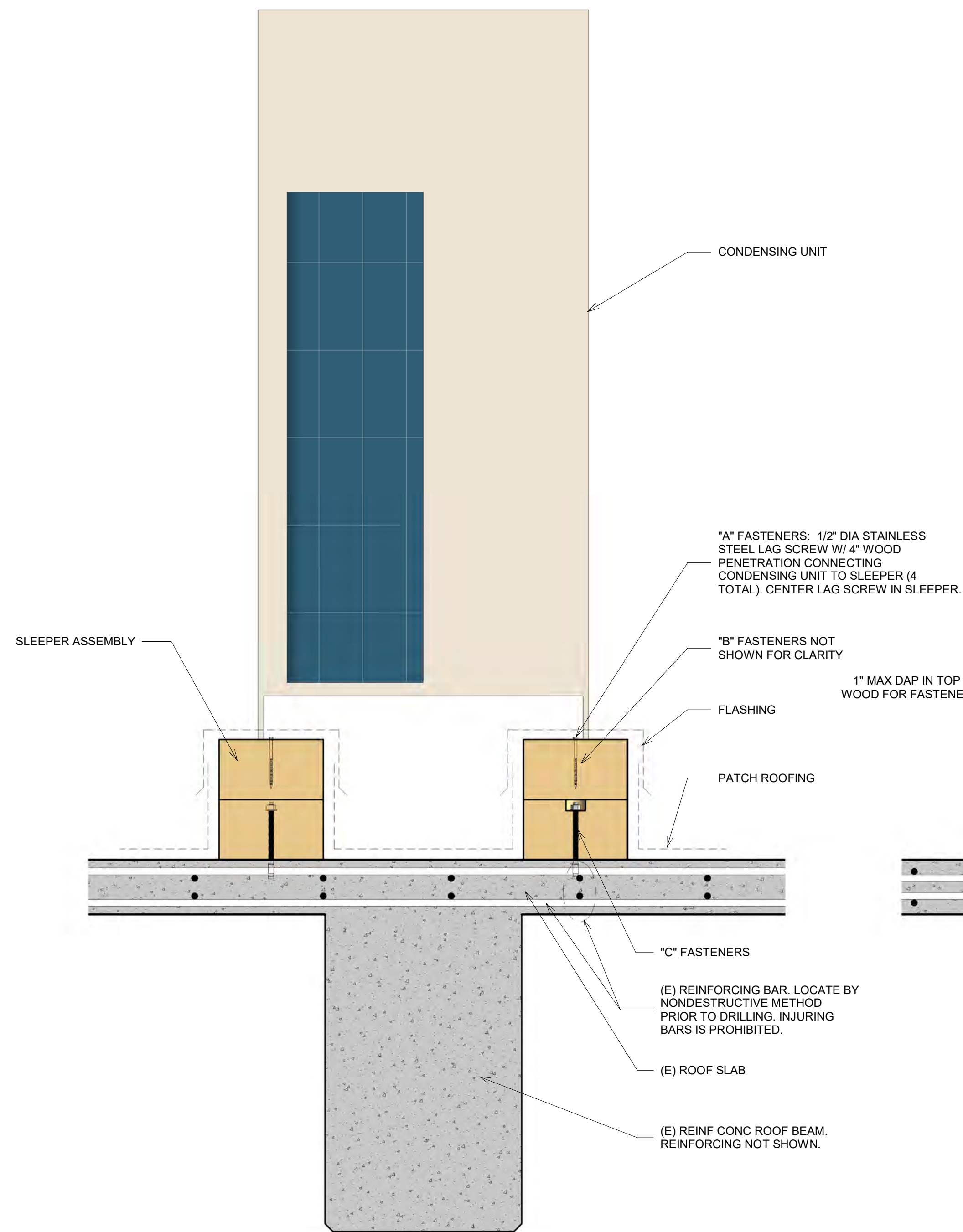




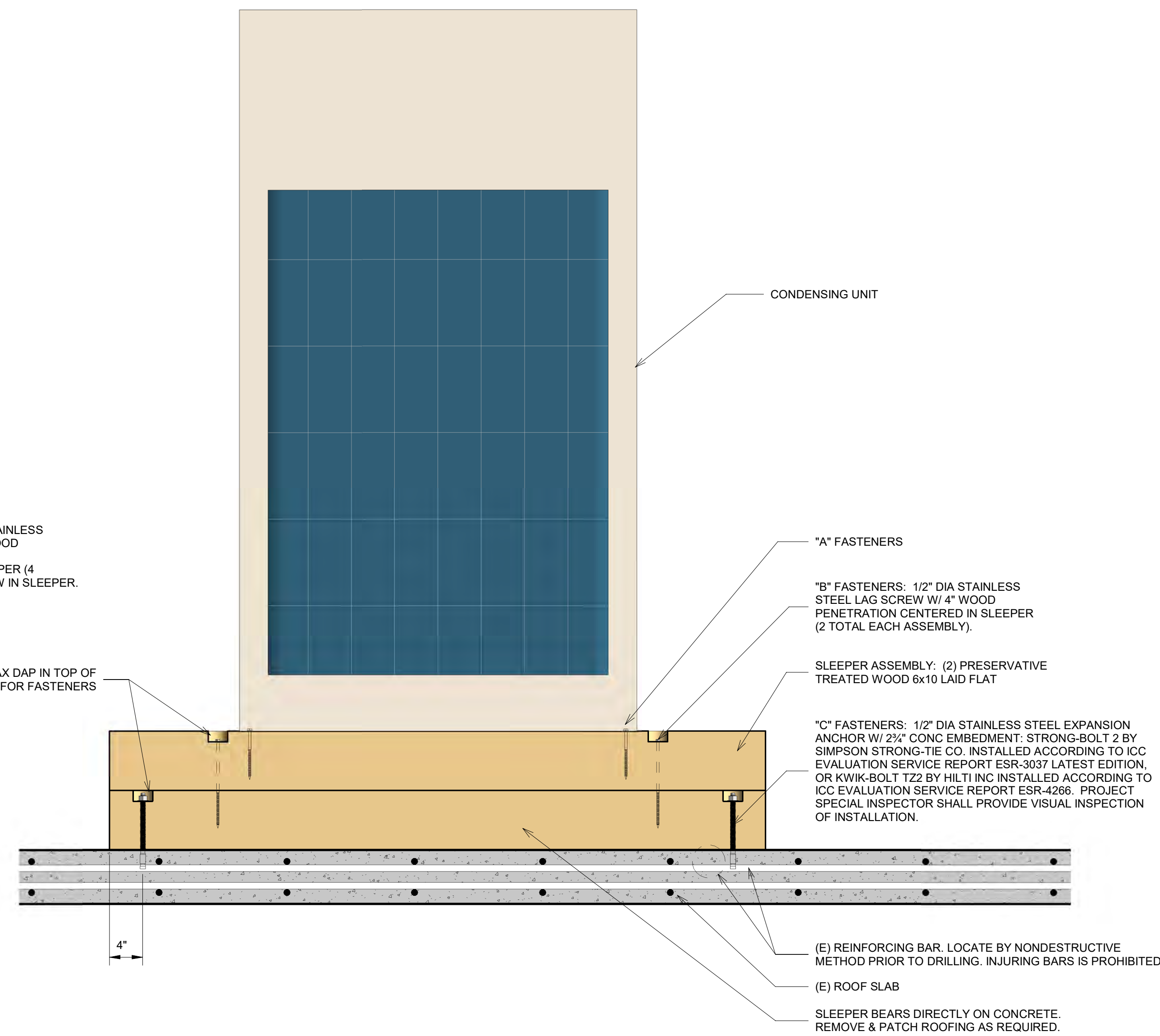
4 PARTIAL ROOF FRAMING PLAN AT CU1
1/2" = 1'-0"



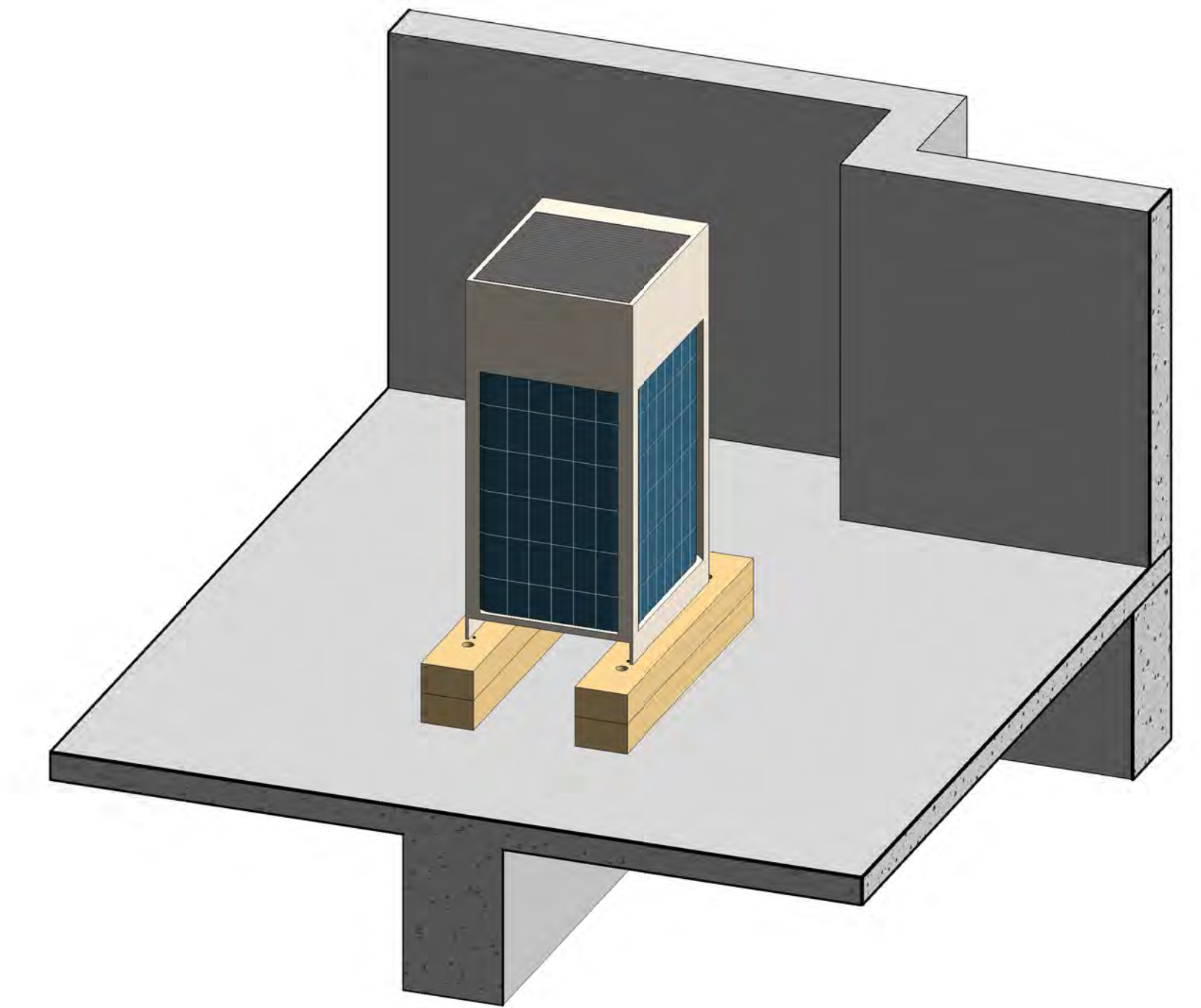
1 ROOF KEY PLAN
1/32" = 1'-0"



9 TYPICAL TRANSVERSE SECTION
1 1/2" = 1'-0"



6 TYPICAL LONGITUDINAL SECTION
1 1/2" = 1'-0"

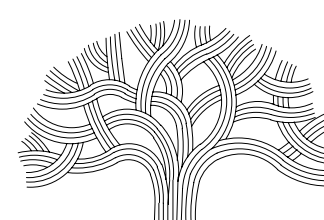


2 CU1 3D VIEW LOOKS SOUTHWEST



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Tel 510 272 0654

SPECTRUM STRUCTURAL
ENGINEERING, INC.
516 16th Street
Oakland, CA 94612
(415) 519-1820



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SUITE 4014
OAKLAND, CA 94612
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OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET



JEFFREY TANER

PROJECT NO. S3863

CHECKED BY JET

DESIGNED BY JET

DRAWN BY JET

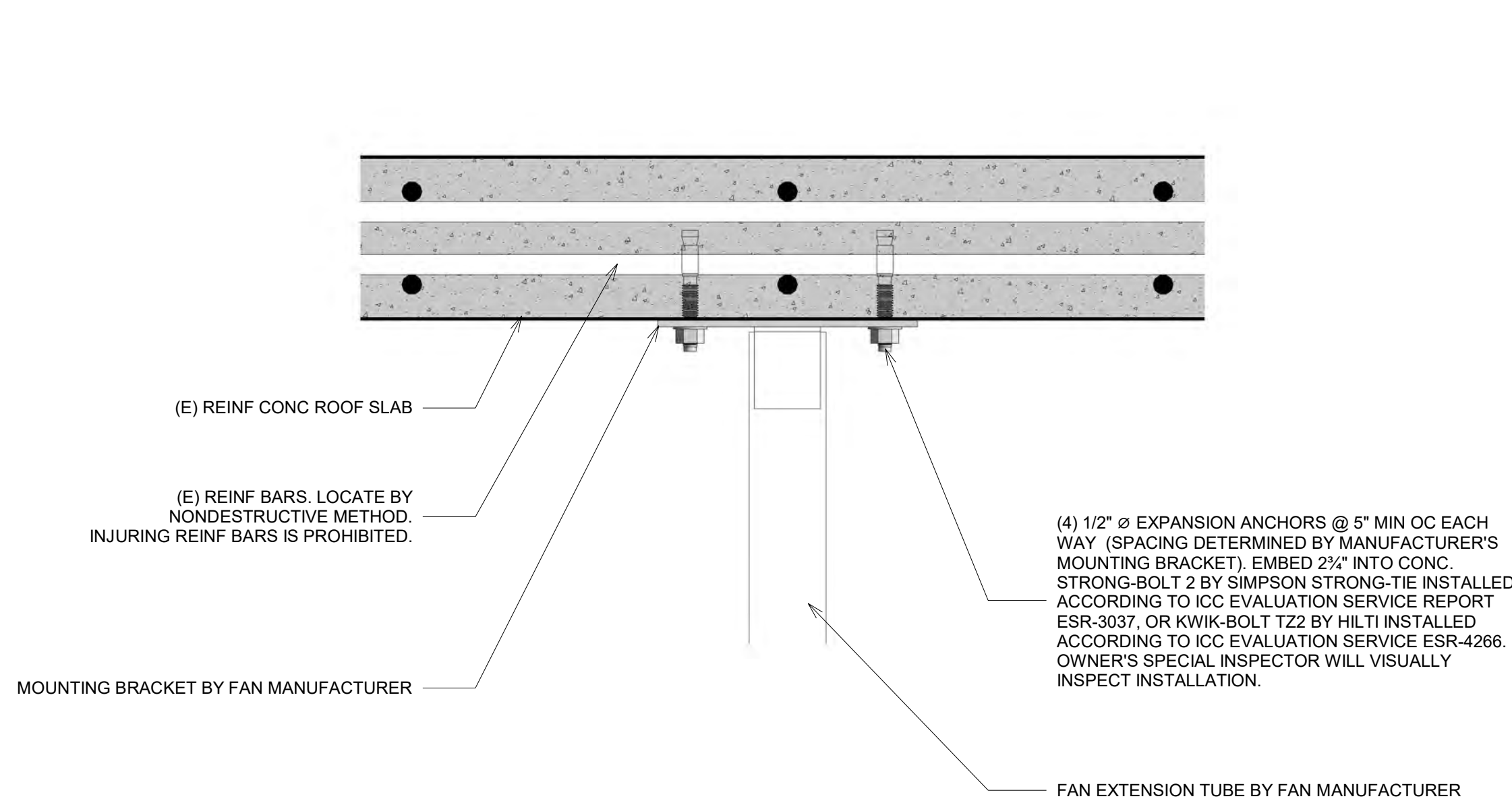
No.	DATE	BY	REFERENCE
1	02.17.23	JET	ISSUED FOR BID

CONDENSER PLANS & DETAILS

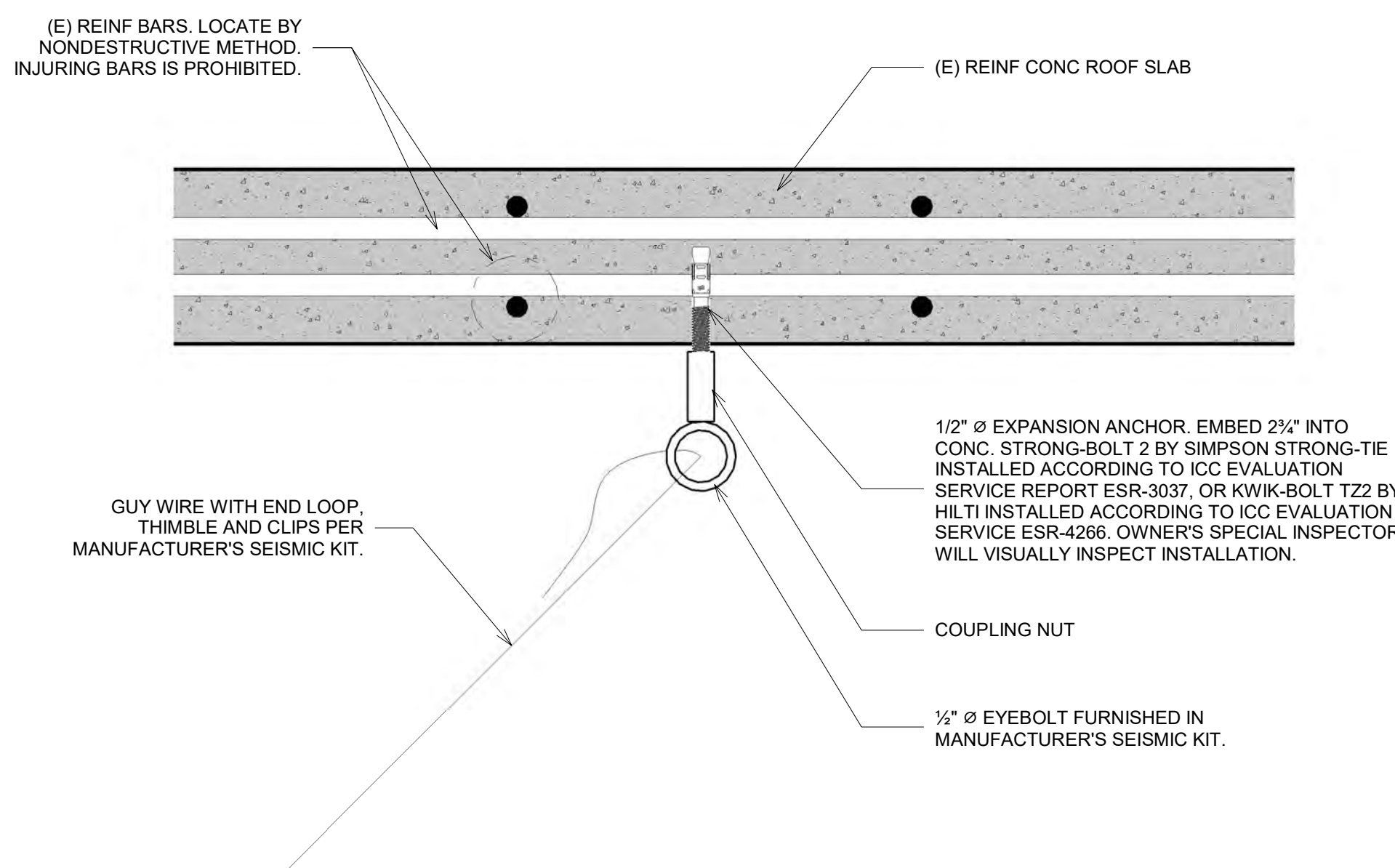
PROJECT NO.
C1004859

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HOR:
VERT:
DATE: 02.17.23

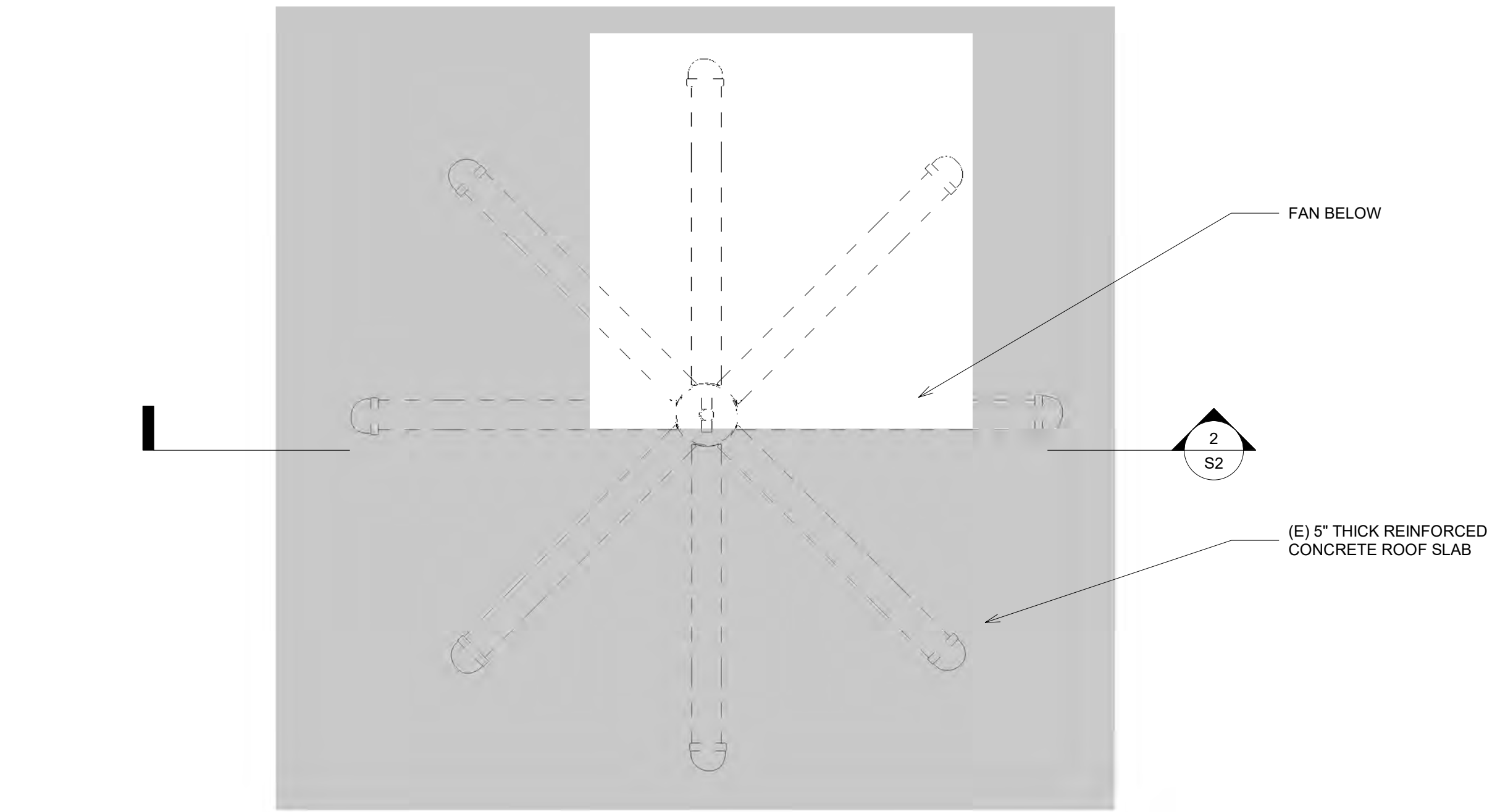
SHEET NO.
S1
32 OF 62



7 FAN CONN DETAIL
3" = 1'-0"



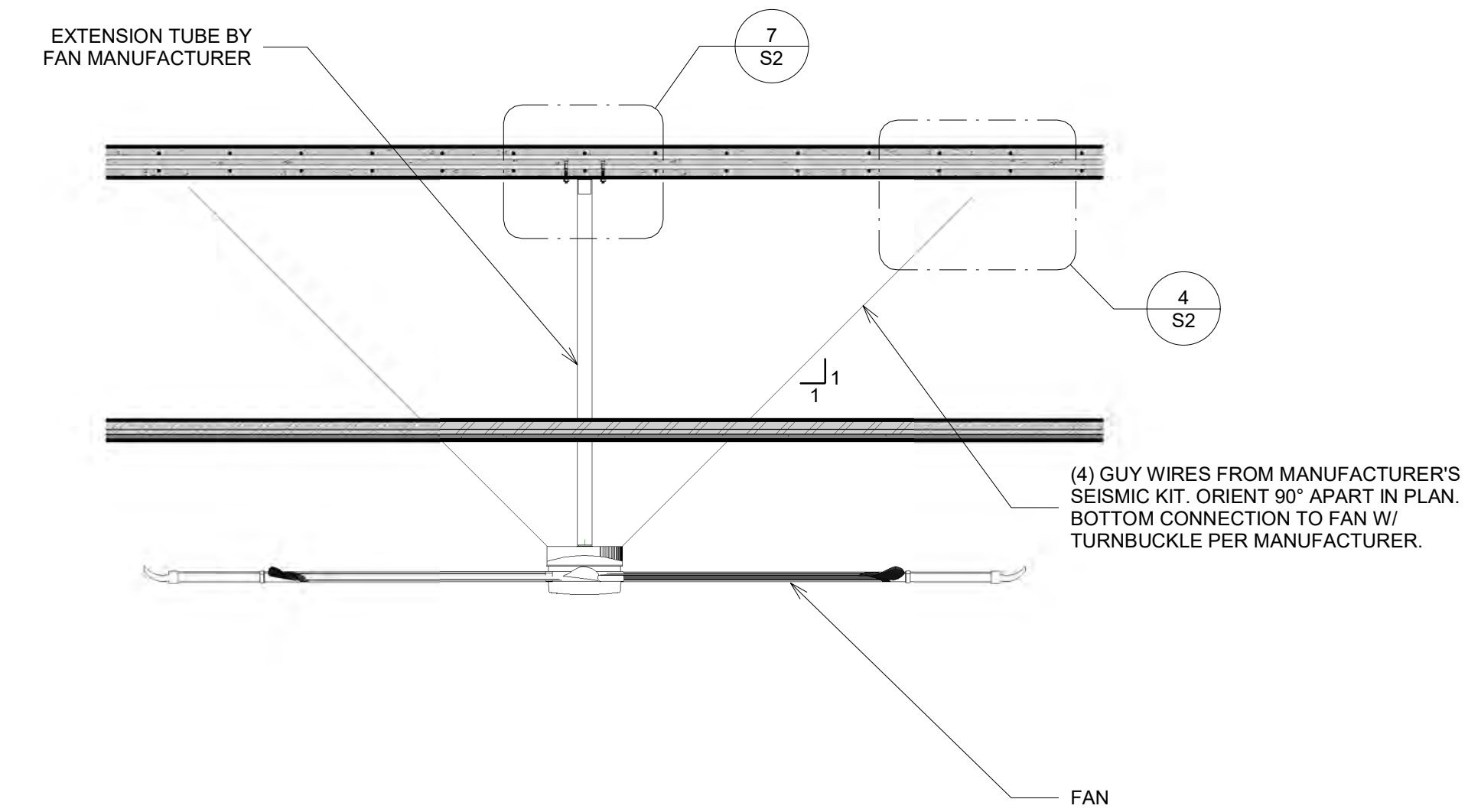
4 GUY WIRE CONN DETAIL
3" = 1'-0"



1 PARTIAL ROOF FRAMING PLAN AT FAN
1/2" = 1'-0"



8 FAN 3D VIEW

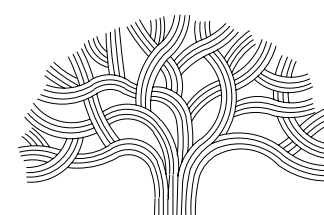


2 FAN SECTION
1/2" = 1'-0"



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**OAKLAND MAIN LIBRARY
INFRASTRUCTURE IMPROVEMENTS**
125 14TH STREET



JEFFREY TANER		No.	DATE	BY	REFERENCE
PROJECT NO.	S3863	1	02.17.23	JET	ISSUED FOR BID
CHECKED BY	JET				
DESIGNED BY	JET				
DRAWN BY	JET				

**CEILING FAN
ANCHORAGE**

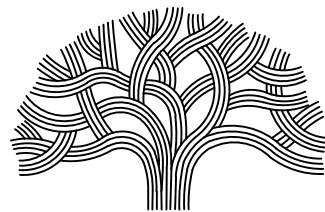
PROJECT NO.
C1004859

SCALE: AS NOTED	SHEET NO.
HOR:	S2
VERT:	33 OF 62
DATE: 02.17.23	

DRAWING NAME: C:\CSF\Cal\jha\2020\1002001 M1.1.dwg
DATE: 02/17/23
PLOTTER BY: JJE



ELMENDORF
&
ASSOCIATES
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SAUSALITO, CA 94965
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OAKLAND MAIN LIBRARY
INFRASTRUCTURE IMPROVEMENTS
125 14TH STREET



MECHANICAL ENGINEER

JEFF ELMENDORF

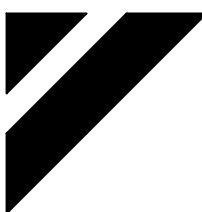
RCE NO.	M.27243	EXP.	06/23
CHECKED BY	JJE		
DESIGNED BY	JJE		
DRAWN BY	MAH		

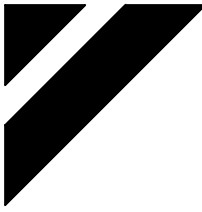
No.	DATE	BY	REFERENCE
1	02.17.23	JJE	ISSUE FOR BID

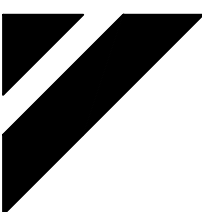
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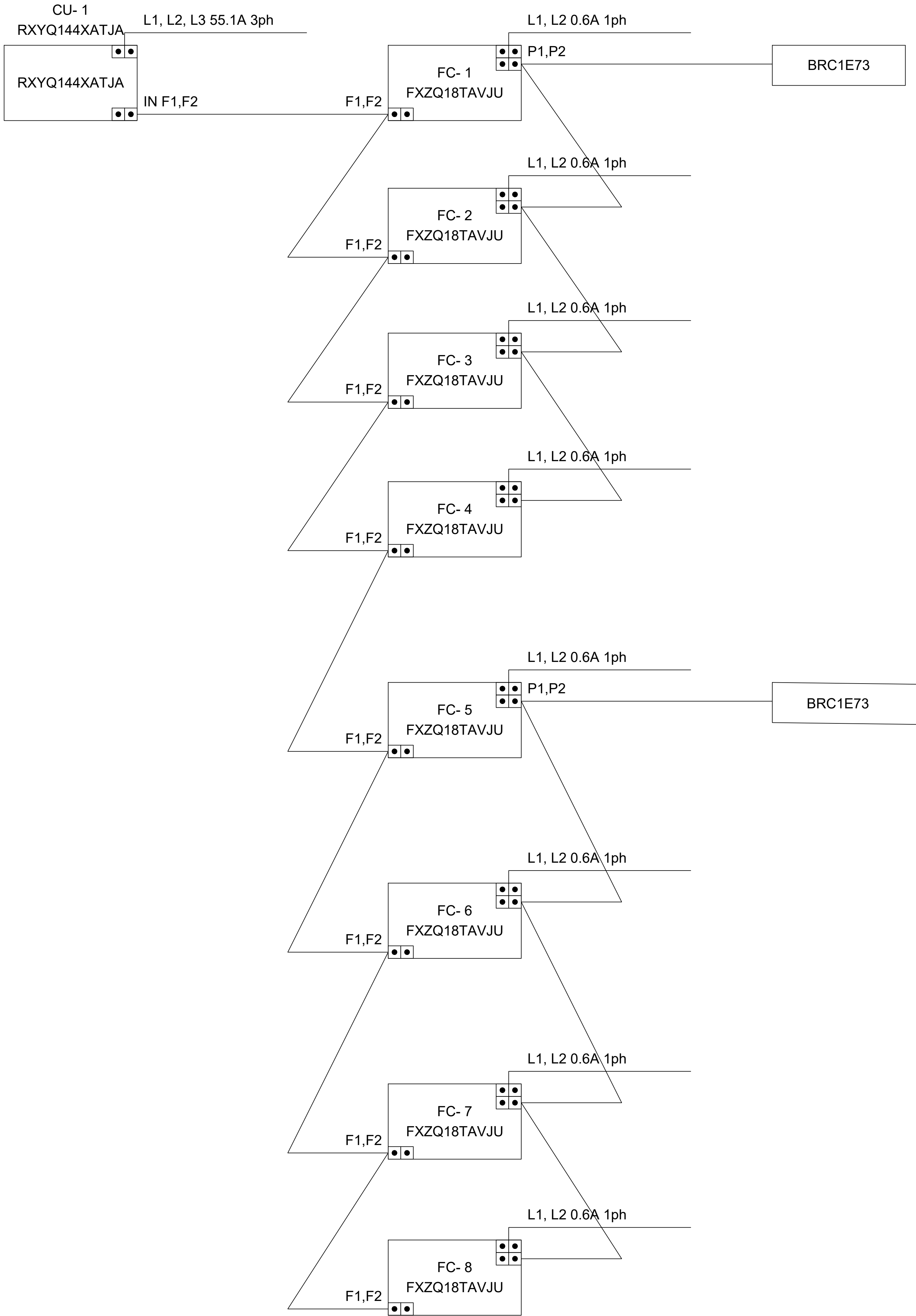
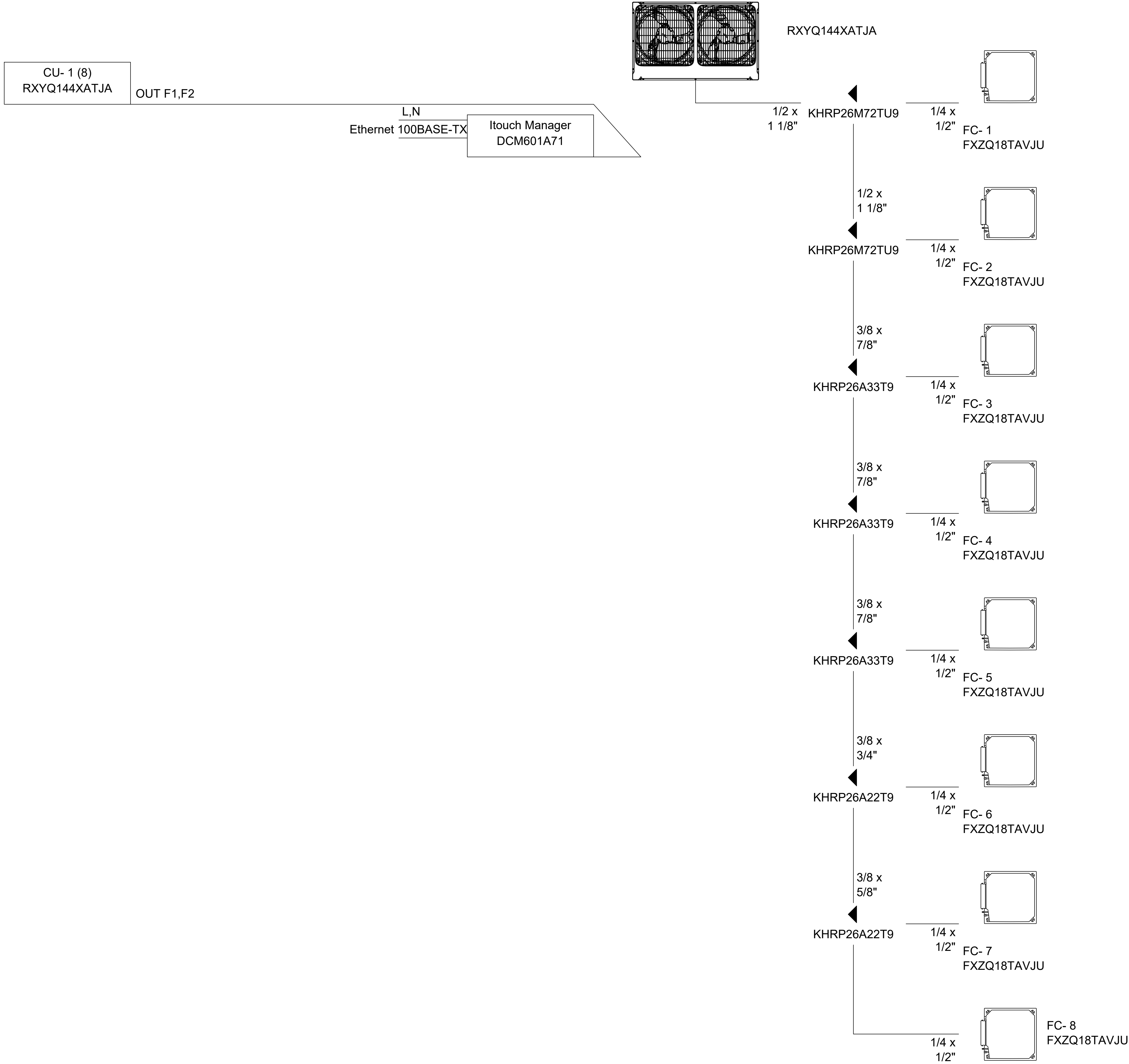
MECHANICAL
SCHEDULES &
DETAILS

PROJECT NO. C1004859	
SCALE: AS NOTED HOR: VERT: DATE: 08.15.22	SHEET NO. M1.1 34 OF 62

	Client
	USA
	ProjectOakland Library
	TitleController wiring schematics Control Group
	Date05/14/2021
	Drawing No

	Client
	USA
	ProjectOakland Library
	TitlePiping schematics CU- 1 Air cooled heat pump VRV-IV-X -A RXYQ144XATJA
	Date CU- 105/13/2021
	Drawing No

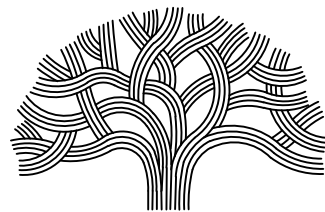
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	USA
	ProjectOakland Library
	TitleWiring schematics CU- 1 Air cooled heat pump VRV-IV-X -A RXYQ144XATJA
	Date05/13/2021
	Drawing No



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DATE: 6/30/23
PLOTTER BY: JJE

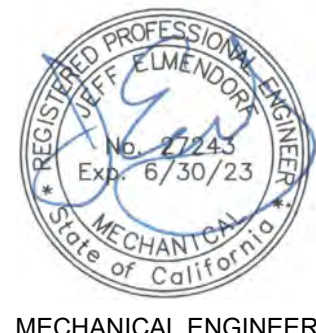


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INFRASTRUCTURE IMPROVEMENTS
125 14TH STREET



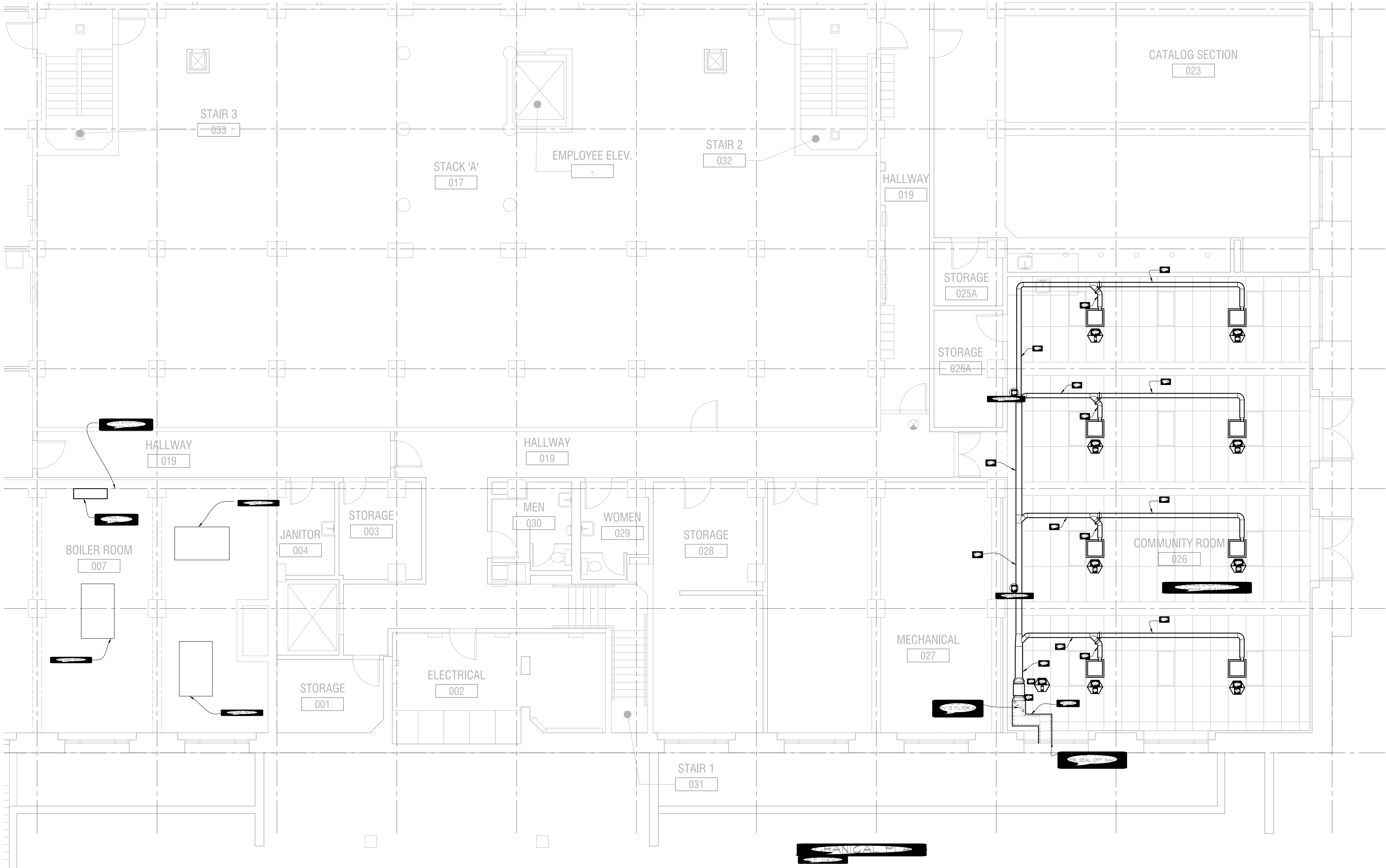
JEFF ELMENDORF

RCE NO.	M.27243	EXP.	08/23
CHECKED BY	JJE		
DESIGNED BY	JJE		
DRAWN BY	MAH		

No.	DATE	BY	REFERENCE
1	02.17.23	JJE	ISSUE FOR BID

CONSTRUCTION PLANS:
REFRIGERATION
PIPING AND
WIRING DETAILS

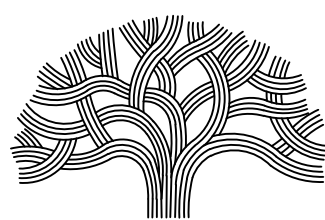
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DATE: 02/17/23
PLOT BY: JJE

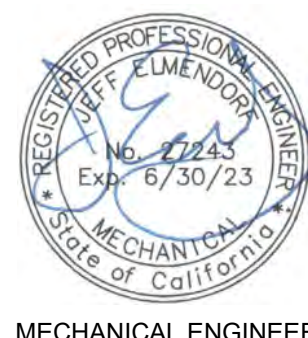


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OAKLAND MAIN LIBRARY
INFRASTRUCTURE IMPROVEMENTS
125 14TH STREET



MECHANICAL ENGINEER

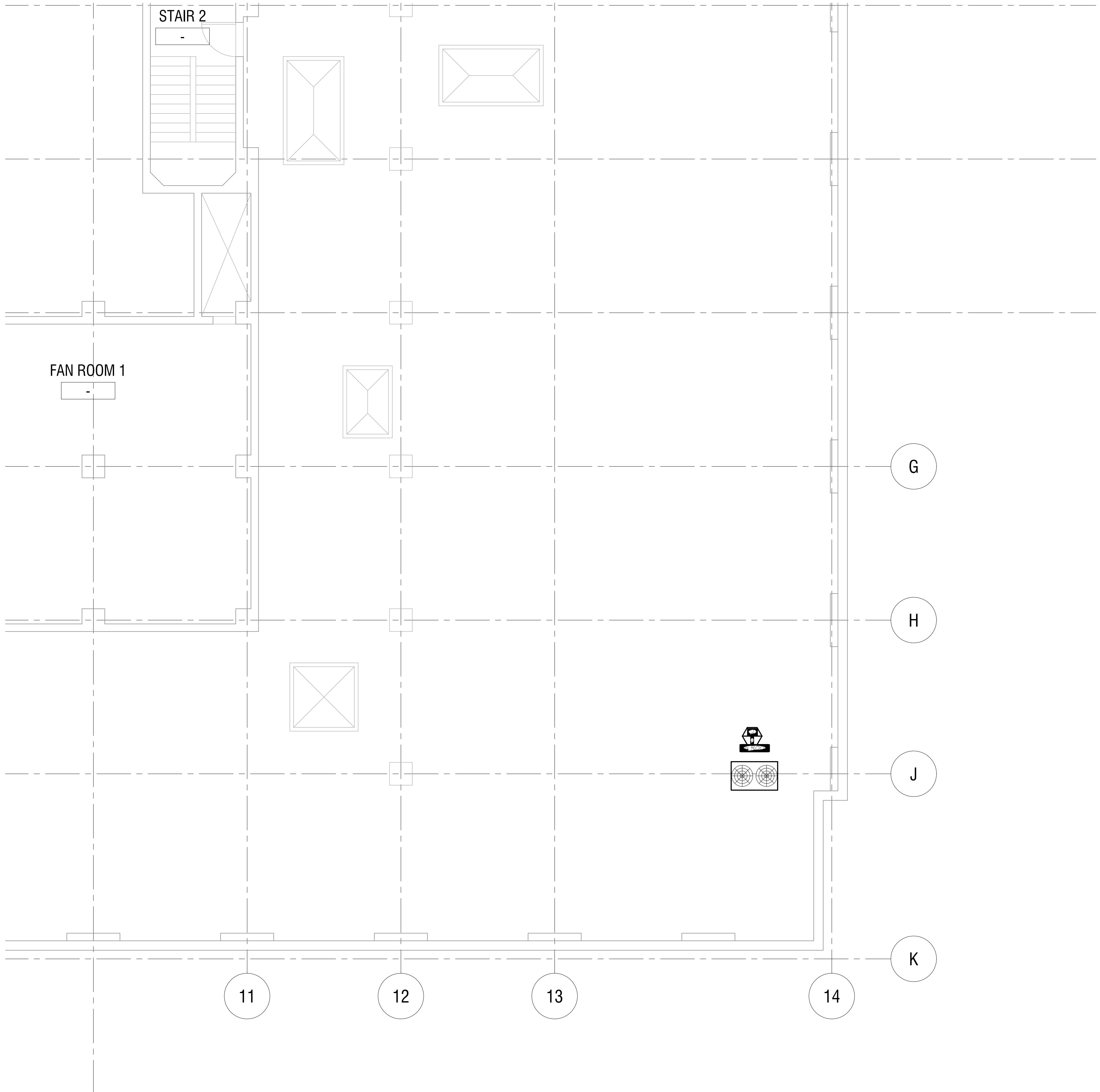
JEFF ELMENDORF

RCE NO. M.27243 EXP. 06/23
CHECKED BY JJE
DESIGNED BY JJE
DRAWN BY MAH

No.	DATE	BY	REFERENCE
1	02.17.23	JJE	ISSUE FOR BID

CONSTRUCTION PLANS:
MECHANICAL
PLANS

PROJECT NO.
C1004859
SCALE: AS NOTED
HOR: M2.1
VERT: 36 OF 62
DATE: 08.15.22

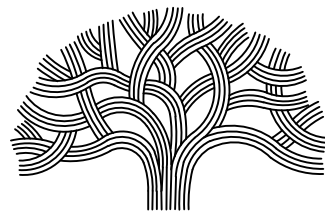


MECHANICAL ROOF PLAN

DRAWING NAME: C:\SF\Chad\jha\2020\120201 M2.2.dwg
PLOTTER: JPL
PLOTTER BY: JJE



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OAKLAND MAIN LIBRARY
INFRASTRUCTURE IMPROVEMENTS
125 14TH STREET



MECHANICAL ENGINEER

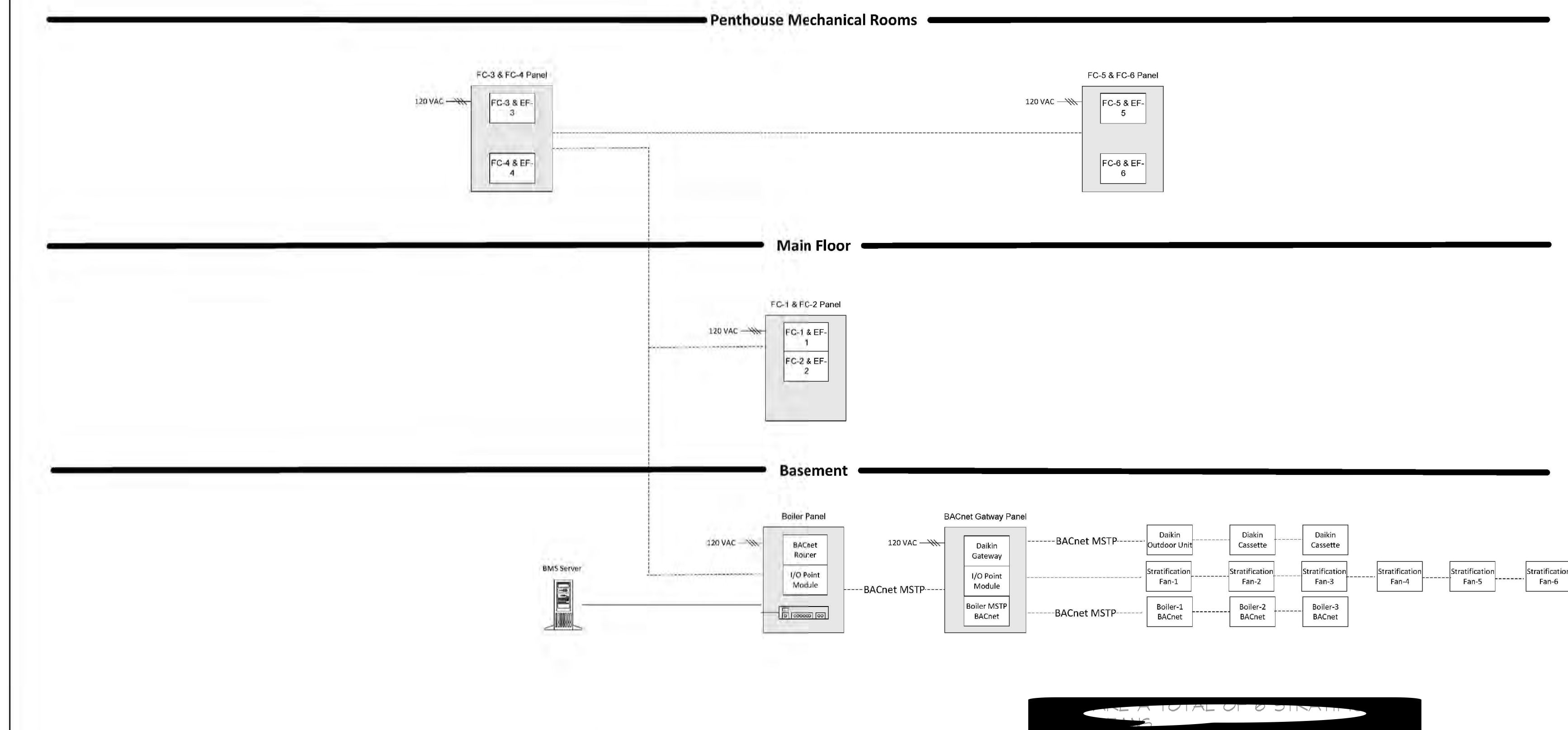
JEFF ELMENDORF

RCE NO. M.27243 EXP. 08/23
CHECKED BY JJE
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DRAWN BY MAH

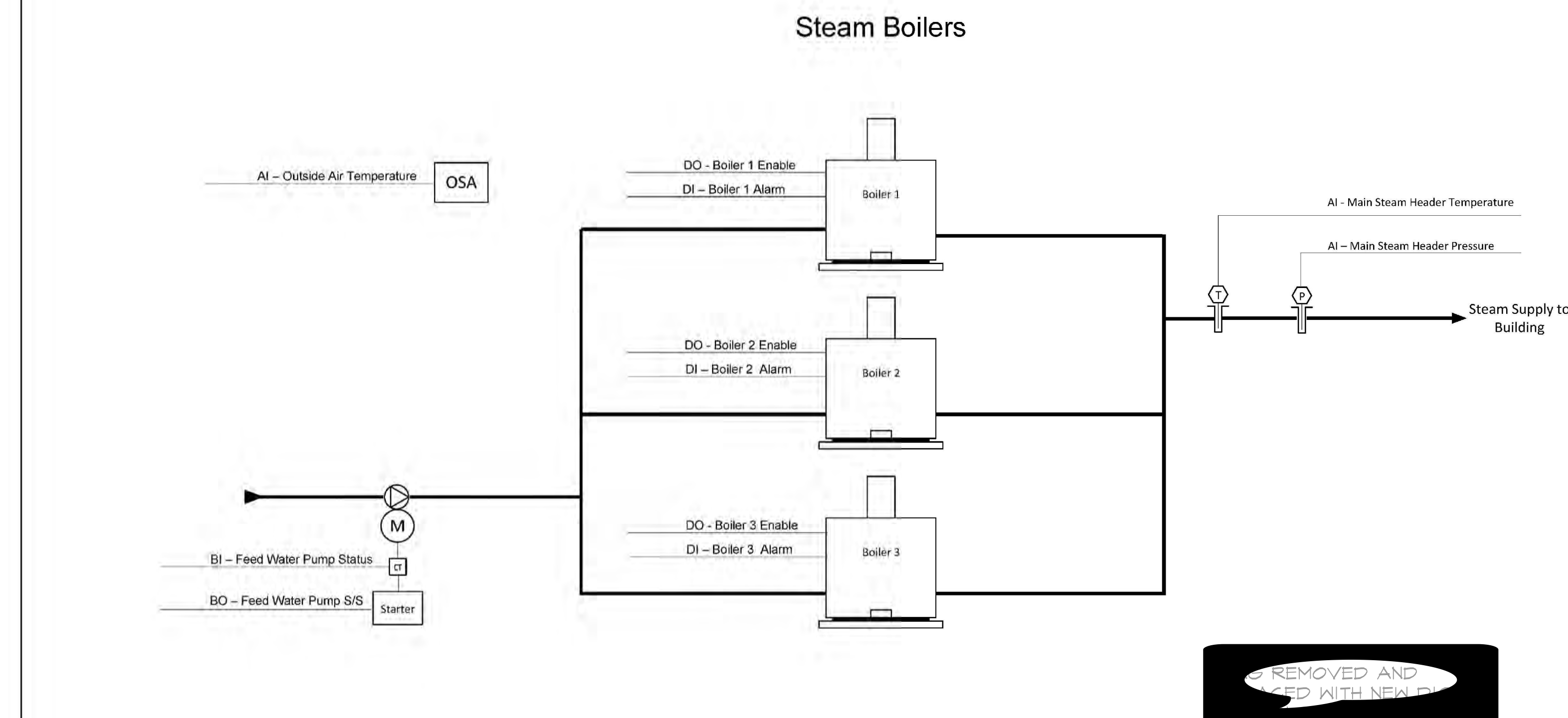
No.	DATE	BY	REFERENCE
1	02.17.23	JJE	ISSUE FOR BID

CONSTRUCTION PLANS:
MECHANICAL
ROOF PLAN

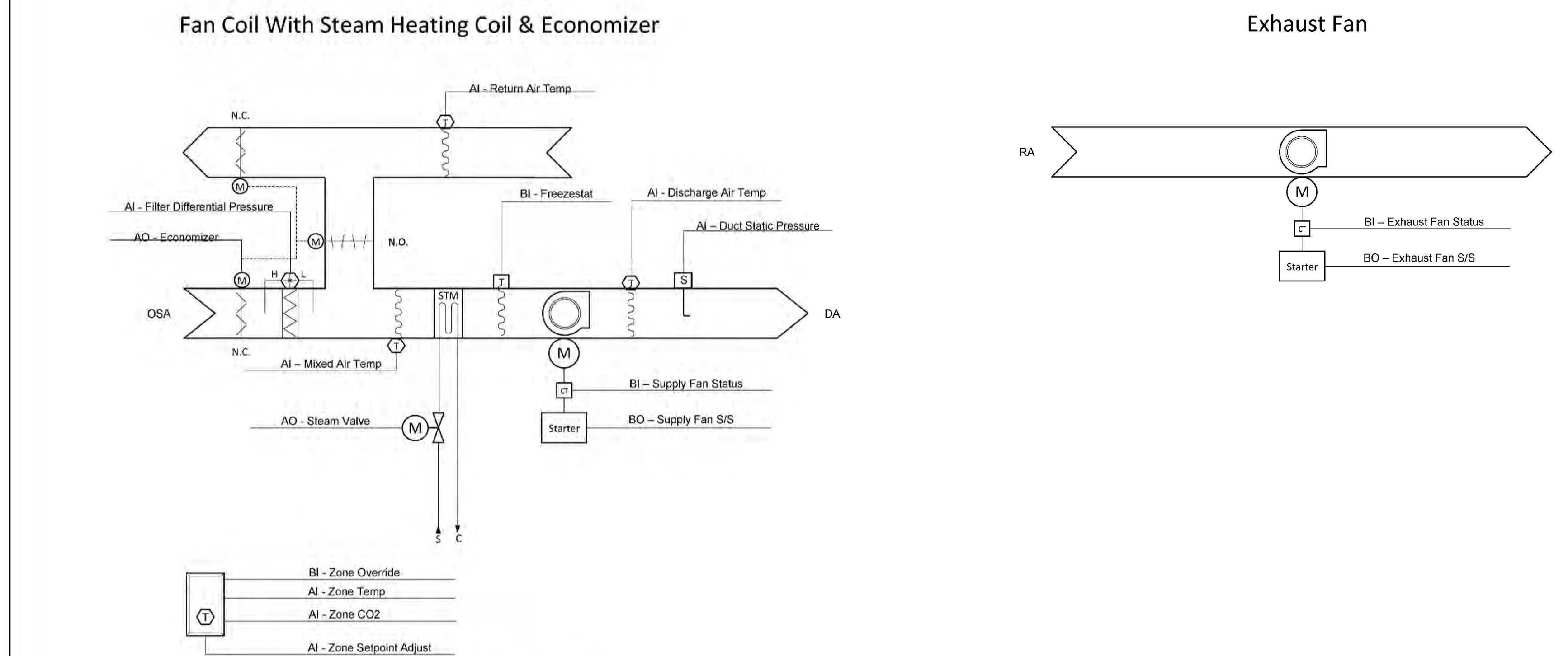
PROJECT NO. C1004859	
SCALE: AS NOTED HOR: VERT: DATE: 08.15.22	SHEET NO. M2.2 37 OF 62



		Oakland Library	Job Number	Revision	Drawing Set	Engineered By	Approved By	Date	Network Riser Diagram	2 of 7
					Submital			8/6/21		

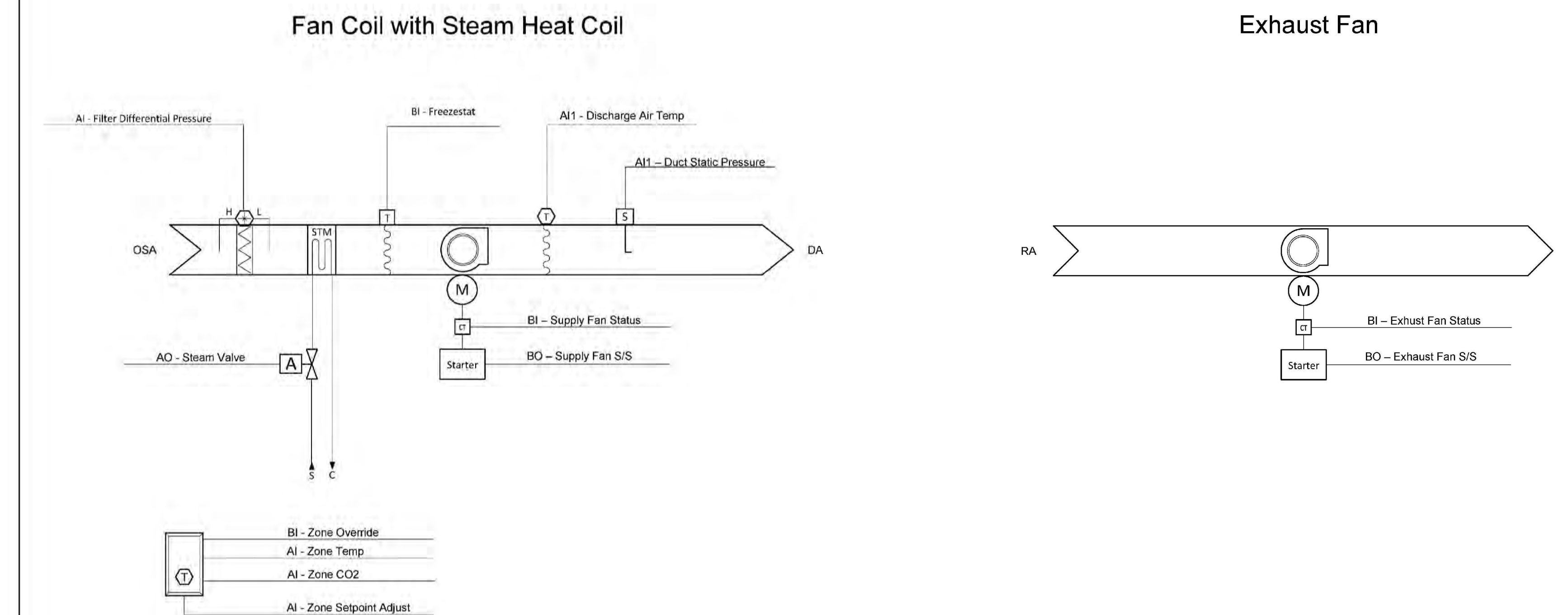


		Oakland Library	Job Number	Revision	Drawing Set	Engineered By	Approved By	Date	Steam Boilers	3 of 7
					Submital			8/6/21		



- Note. Interlock associated exhaust fan with serving Steam Heat Fan Coil.
Field verify associated exhaust fan with Fan Coil.
- Field verify zone sensor location for serving Fan Coil.
- Existing steam valve and pneumatic actuator to be replaced with new steam valve and actuator.

		Oakland Library	Job Number	Revision	Drawing Set	Engineered By	Approved By	Date	Fan Coil with Heating & Econimzer FC-1	4 of 7
					Submital			8/6/21		



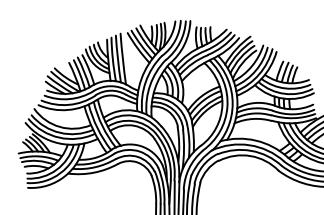
- Note. Interlock associated exhaust fan with serving Steam Heat Fan Coil.
Field verify associated exhaust fan with Fan Coil.
- Field verify zone sensor location for serving Fan Coil.

		Oakland Library	Job Number	Revision	Drawing Set	Engineered By	Approved By	Date	Fan Coil with Heating FC-2 Thru FC-6	5 of 7
					Submital			8/6/21		

DRAWING NAME: C:\P\Cal\pba\2021\020201 M3.1.dwg
DATE: 8/6/21
PLOT BY: JJE



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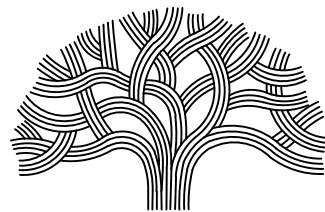
CONSTRUCTION PLANS:
MECHANICAL
CONTROL
SYSTEMS

PROJECT NO.
C1004859
SCALE: AS NOTED
HOR: M3.1
VERT: 38 OF 62
DATE: 08.15.22

DRAWING NAME: C:\SF\Chad\chad\2020\1202001 M3.2.dwg
C:\SF\Chad\chad\2020\1202001 M3.2.dwg
PLOTTER BY: JJE



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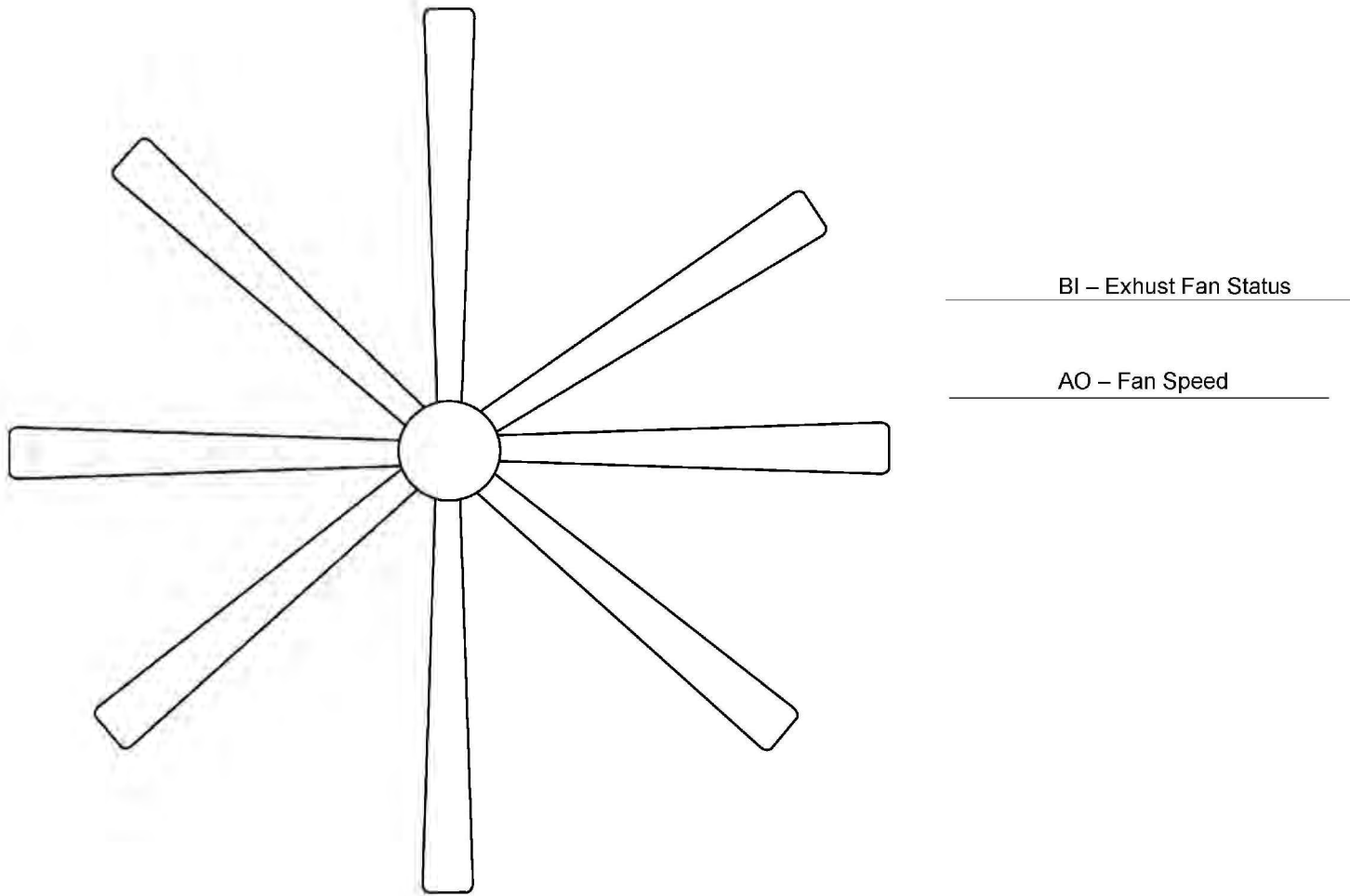
No.	DATE	BY	REFERENCE
1	02.17.23	JJE	ISSUE FOR BID

CONSTRUCTION PLANS:

MECHANICAL
CONTROL
SYSTEMS

PROJECT NO. C1004859	
SCALE: AS NOTED HOR: VERT: DATE: 08.15.22	SHEET NO. M3.2 39 OF 62

Stratification Fans



1. Note Typical of 6 Fans.



Oakland Library

Job Number	Revision	Drawing Set	Engineered By	Approved By	Date
		Submitter			8/6/21

Stratification Fans 1 Thru 6

6 of 7

Fan Coil with Heating (Typical of 5)

Run Conditions - Scheduled:
The unit will run according to a user definable time schedule in the following modes:

Occupied Mode: The unit will maintain
A 70°F (adj.) heating setpoint.

Unoccupied Mode (night setback): The unit will maintain
A 55°F (adj.) heating setpoint.

Alarms will be provided as follows:

Low Zone Temp: If the zone temperature is less than the heating setpoint by a user definable amount (adj.).

Freeze Protection:
The unit will shut down and generate an alarm upon receiving a freezestat status.

Supply Air Smoke Detection:
The unit will shut down and generate an alarm upon receiving a supply air smoke detector status.

Supply Fan:
The supply fan will run anytime the unit is commanded to run, unless shutdown on safeties. To prevent short cycling, the supply fan will have a user definable (adj.) minimum runtime.

Alarms will be provided as follows:

- Supply Fan Failure: Commanded on, but the status is off.
- Supply Fan in Hand: Commanded off, but the status is on.
- Supply Fan Runtime Exceeded: Status runtime exceeds a user definable limit (adj.).

Heating Coil Steam Valve:
The controller will measure the zone space temperature and modulate the heating coil steam valve to maintain its heating setpoint.

The heating will be enabled whenever:

- Outside air temperature is less than 65°F (adj.).
- AND the zone temperature is below heating setpoint.
- AND the supply fan status is on.

The heating coil steam valve will open whenever the freezestat (if present) is on.

Filter Differential Pressure Monitor:
The controller will monitor the differential pressure across the filter.

Alarms will be provided as follows:
Filter Change Required: Prefilter differential pressure exceeds a user definable limit (adj.).

Supply Air Temperature:
The controller will monitor the supply air temperature.

Alarms will be provided as follows:
High Supply Air Temp: If the supply air temperature is greater than 110°F (adj.).
Low Supply Air Temp: If the supply air temperature is less than 50°F (adj.).

The associated exhaust fan will be enabled whenever:

- The Fan Coil is commanded to run.

Alarms will be provided as follows:

- Exhaust Fan Failure: Commanded on, but the status is off.
- Exhaust Fan in Hand: Commanded off, but the status is on.
- Exhaust Fan Runtime Exceeded: Status runtime exceeds a user definable limit (adj.).

Point Name	Hardware Points				Software Points							Show On Graphic
	AI	AO	BI	BO	AV	BV	Loop	Sched	Trend	Alarm		
Filter Differential Pressure	x								x			
Return Air Temp	x								x		x	
Supply Air Temp	x								x		x	
Heating Steam Valve		x							x		x	
Mixed Air Dampers		x							x		x	
Freezestat			x						x	x	x	
Supply Air Smoke Detector		x							x	x	x	
Supply Fan Status			x						x		x	
Zone Override			x						x		x	
Supply Fan Start/Stop				x					x		x	
Exhaust Fan Start/Stop				x					x		x	
Exhaust Fan Status			x						x		x	
Cooling Setpoint					x				x		x	
Economizer Zone Temp Setpoint					x				x		x	
Heating Setpoint					x				x		x	
Zone Temp					x				x		x	
Schedule								x				
High Mixed Air Temp										x		
High Return Air Temp										x		
High Supply Air Temp										x		
High Zone Temp										x		
Low Mixed Air Temp										x		
Low Return Air Temp										x		
Low Supply Air Temp										x		

Point Name	Hardware Points				Software Points							Show On Graphic
	AI	AO	BI	BO	AV	BV	Loop	Sched	Trend	Alarm		
Low Zone Temp										x		
Filter Change Required										x	x	
Supply Fan Failure										x		
Supply Fan in Hand										x		
Supply Fan Runtime Exceeded										x		
Totals	4	2	4	1	4	0	0	1	15	14	15	
Total Hardware (11)				Total Software (34)								

Daikin VRF System

Run Conditions - Scheduled:
The VRF system will run according to a user definable time schedule in the following modes:

Occupied Mode: The unit indoor unit will maintain

- A 75°F (adj.) cooling setpoint
- A 70°F (adj.) heating setpoint.

BACnet integration:
The Daikin VRF system gateway will be monitored from the BMS system by BACnet/MSTP. The operator shall have the ability to monitor and change the zone temperature setpoints from the BMS system frontend.

- Alarms will be provided as follows:
- High Zone Temp: If the zone temperature is greater than the cooling setpoint by a user definable amount (adj.).
 - Low Zone Temp: If the zone temperature is less than the heating setpoint by a user definable amount (adj.).

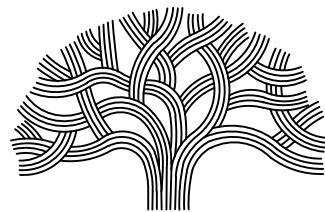
Point Name	Hardware Points				Software Points							Show On Graphic
	AI	AO	BI	BO	AV	BV	Loop	Sched	Trend	Alarm		
Fan Start/Stop				x					x		x	
Fan Speed		x							x		x	
Totals	0	1	0	1	0	0	0	1	2	0	2	
Total Hardware (2)					Total Software (3)							

Point Name	Hardware Points				Software Points							Show On Graphic
	AI	AO	BI	BO	AV	BV	Loop	Sched	Trend	Alarm		
Indoor Fan Schedule								x			x	
Zone Temperature					x				x		x	
Zone Cooling Setpoint					x				x		x	
Zone Heating Setpoint					x				x		x	
Low Zone Temp					x					x	x	
High Zone Temp					x					x	x	
Totals	0	0	0	0	5	0	0	1	2	0	6	
Total Hardware (2)					Total Software (11)							

SMOKE DETECTORS SHALL BE COMPARABLE WITH

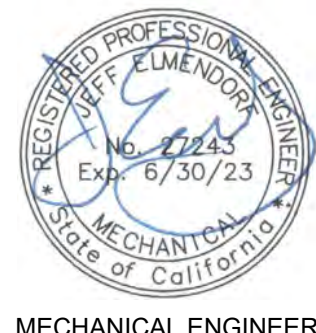


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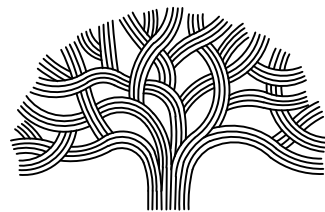
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VERT:
DATE: 08.15.22

SHEET NO.
M3.3
40 OF 62



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PROJECT NO.
C1004859

SCALE: AS NOTED
HOR: VERT:
DATE: 08.15.22

SHEET NO.
M3.4
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Fan Coil with Heating & Economizer

Run Conditions - Scheduled:

The unit will run according to a user definable time schedule in the following modes:

Occupied Mode: The unit will maintain

- A 75°F (adj.) cooling setpoint
- A 70°F (adj.) heating setpoint.

Unoccupied Mode (night setback): The unit will maintain

- A 70°F (adj.) heating setpoint.

Alarms will be provided as follows:

- High Zone Temp: If the zone temperature is greater than the cooling setpoint by a user definable amount (adj.).
- Low Zone Temp: If the zone temperature is less than the heating setpoint by a user definable amount (adj.).

Freeze Protection:

The unit supply fan will shut down and generate an alarm upon receiving a freezestat status.

Supply Air Smoke Detection:

The unit will shut down and generate an alarm upon receiving a supply air smoke detector status.

Supply Fan:

The supply fan will run anytime the unit is commanded to run, unless shutdown on safeties. To prevent short cycling, the supply fan will have a user definable (adj.) minimum runtime.

Alarms will be provided as follows:

- Supply Fan Failure: Commanded on, but the status is off.
- Supply Fan in Hand: Commanded off, but the status is on.
- Supply Fan Runtime Exceeded: Status runtime exceeds a user definable limit (adj.).

Heating Coil Steam Valve:

The controller will measure the zone temperature and modulate the heating coil steam valve to maintain its heating setpoint.

The heating will be enabled whenever:

- Outside air temperature is less than 65°F (adj.).
- AND the zone temperature is below heating setpoint.
- AND the supply fan status is on.
- AND the economizer is not active.

The heating coil steam valve will open whenever the freezestat (if present) is on.

Filter Differential Pressure Monitor:

The controller will monitor the differential pressure across the filter.

Alarms will be provided as follows:

- Filter Change Required: Prefilter differential pressure exceeds a user definable limit (adj.).

Economizer:

The controller will measure the zone temperature and modulate the economizer dampers in sequence to maintain a setpoint 2°F less than the zone cooling setpoint. The outside air dampers will maintain a minimum adjustable position of 20% (adj.) open whenever occupied.

The economizer will be enabled whenever:

- Outside air temperature is less than 65°F (adj.).
- AND the outside air temperature is less than the return air temperature.
- AND the supply fan status is on.

The economizer will close whenever:

- Mixed air temperature drops from 45°F to 40°F (adj.).
- OR on loss of supply fan status.
- OR the freezestat (if present) is on.

The outside and exhaust air dampers will close and the return air damper will open when the unit is off. If Optimal Start Up is available, the mixed air damper will operate as described in the occupied mode except that the outside air damper will modulate to fully closed. Minimum Outside Air Ventilation - Fixed Percentage:
The outside air dampers will maintain a minimum position (adj.) during building occupied hours and be closed during unoccupied hours.

Filter Differential Pressure Monitor:

The controller will monitor the differential pressure across the prefilter.

Alarms will be provided as follows:

- Filter Change Required: Prefilter differential pressure exceeds a user definable limit (adj.).

Mixed Air Temperature:

The controller will monitor the mixed air temperature and use as required for economizer control.

Alarms will be provided as follows:

- High Mixed Air Temp: If the mixed air temperature is greater than 90°F (adj.).
- Low Mixed Air Temp: If the mixed air temperature is less than 45°F (adj.).

Return Air Temperature:

The controller will monitor the return air temperature and use as required for economizer control.

Alarms will be provided as follows:

- High Return Air Temp: If the return air temperature is greater than 90°F (adj.).

- Low Return Air Temp: If the return air temperature is less than 45°F (adj.).

Supply Air Temperature:

The controller will monitor the supply air temperature.

Alarms will be provided as follows:

- High Supply Air Temp: If the supply air temperature is greater than 120°F (adj.).
- Low Supply Air Temp: If the supply air temperature is less than 45°F (adj.).

The associated exhaust fan will be enabled whenever:

- The Fan Coil is commanded to run.

Alarms will be provided as follows:

- Exhaust Fan Failure: Commanded on, but the status is off.
- Exhaust Fan in Hand: Commanded off, but the status is on.
- Exhaust Fan Runtime Exceeded: Status runtime exceeds a user definable limit (adj.).

	Hardware Points				Software Points						
Point Name	AI	AO	BI	BO	AV	BV	Loop	Sched	Trend	Alarm	Show On Graphic
Mixed Air Temp	x								x		x
Prefilter Differential Pressure	x								x		
Return Air Temp	x								x		x
Supply Air Temp	x								x		x
Mixed Air Temp	x								x		x
Heating Steam Valve		x							x		x
Mixed Air Dampers		x							x		x
Freezestat			x						x	x	x
Supply Air Smoke Detector			x						x	x	x
Supply Fan Status			x						x		x
Zone Override			x						x		x

Each boiler will run subject to its own internal safeties and controls. On failure of any boiler, the failed boiler will be "removed" from operation and the next available piece of equipment as defined by the user will be staged on in its place.

Alarms will be provided as follows:

- Steam Boiler1 Failure: Commanded on, but the status is off.
- Steam Boiler2 Failure: Commanded on, but the status is off.
- Steam Boiler3 Failure: Commanded on, but the status is off.

The boiler feedwater pump shall be monitored anytime the steam boiler system is enable for pump status

Alarms will be provided as follows:

- Feedwater Pump Failure: Commanded on, but the status is off.

Point Name	Hardware Points				Software Points							Show On Graphic
	AI	AO	BI	BO	AV	BV	Loop	Sched	Trend	Alarm		
Main Steam Temperature	x								x		x	
Main Steam Header Pressure	x								x		x	
Outside Air Temp	x								x		x	
Steam Boiler 1 Failure			x						x	x	x	
Steam Boiler 2 Failure			x						x	x	x	
Steam Boiler 3 Failure			x						x	x	x	
Feedwater Pump System Enable				x					x		x	
Feedwater Pump Status									x		x	
Zone Space Temperature	x								x	x	x	
Totals	4	0	3	1	0	0	0	0	9	4	7	
Total Hardware (8)					Total Software (13)							

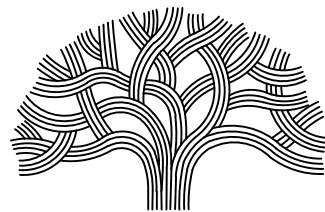
The steam boiler staging order will be user definable. The designated lead boiler (user definable) will rotate upon one of the following conditions (user selectable):

- manually through a software switch
- if boiler runtime (adj.) is exceeded
- daily
- weekly
- monthly

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CONSTRUCTION PLANS:
MECHANICAL
SPECIFICATIONS

PROJECT NO. C1004859	
SCALE: AS NOTED HOR: VERT: DATE: 08.15.22	SHEET NO. M4.1 42 OF 62

¹ FOOTNOTES: Equipment shall be the smallest size, within the available options of the desired equipment line, necessary to meet the design heating and cooling loads of the building per [§140.40\(d\)](#). Healthcare facilities are exempted.

² It is common practice to show rated output capacity on the equipment schedule. Sensible cooling output comes from specification sheet tables.

³ If equipment is heating only, leave cooling output and load blank. If equipment is cooling only, leave heating output and load blank.

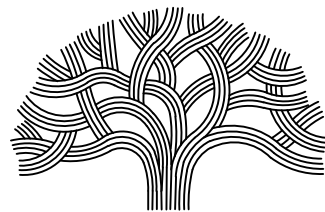
⁴ Authority Having Jurisdiction may ask for load calculations used for compliance per [§140.4\(a\)](#).

Table Continued

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards		September 2020	
KLAND MAIN LIBRARY STRUCTURE IMPROVEMENTS 125 14TH STREET		 MECHANICAL ENGINEER	
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CONSTRUCTION PLANS:

ENERGY COMPLIANCE

PROJECT NO.
C1004859

SCALE: AS NOTED HOR: VERT: DATE: 08.15.22	SHEET NO. M4.2 <u>43</u> OF <u>6</u>
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STATE OF CALIFORNIA

Mechanical Systems

CERTIFICATE OF COMPLIANCE

CALIFORNIA ENERGY COMMISSION

NRCC-MCHS E

NRCC-MCHS E

Page 10 of 10

2022-02-23

Project Name: Oakland Main Library Infrastructure Improvements

Report Page:

Project Address: 125 14th Street

Date Prepared:

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

1. I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Nicholas Mott

Documentation Author Signature: Nicholas Mott

Company: Wade Energy

Signature Date: 2/23/2022

Address: 1942 Linda Drive

CEA/HERS Certification Identification (if applicable): n/a

City/State/Zip: Pleasant Hill, CA 94523

Phone: 408-963-9735

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.

2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)

3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.

4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.

5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Jeff Elmerdorf

Responsible Designer Signature: Jeff Elmerdorf

Company: Elmerdorf & Associates

Date Signed: 2/23/22

Address: 517 Pine Street

License: M27243

City/State/Zip: Sausalito, CA 94965

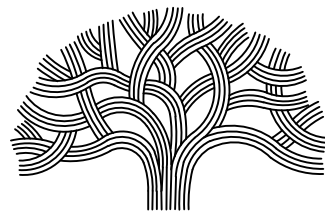
Phone: 415-332-8388

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards>

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PLOTTER: HP DesignJet T1100
PLOTTER BY: jha



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CONSTRUCTION PLANS:
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COMPLIANCE

PROJECT NO.	
C1004859	
SCALE: AS NOTED	SHEET NO.
HOR:	M4.3
VERT:	44 OF 62
DATE: 08.15.22	

LIGHTING FIXTURE SCHEDULE

GENERAL NOTES

- ## SYMBOL LEGEND

- FLUORESCENT LIGHT FIXTURE - SURFACE MOUNTED
PENDANT MOUNTED FIXTURE
FLUORESCENT STRIP LIGHT - SURFACE MOUNTED UNO
RECESSED DOWNLIGHT
CEILING MOUNTED FIXTURE
WALL MOUNTED FIXTURE
EXIT LIGHT - CEILING MOUNTED WITH EMERGENCY LIGHTS
EXIT LIGHT - WALL MOUNTED WITH ARROWS AS SHOWN
EMERGENCY LIGHTING FIXTURE - SURFACE MOUNTED
SINGLE POLE TOGGLE SWITCH, @ +46" UNO
TWO POLE TOGGLE SWITCH, @ +46" UNO
THREE-WAY TOGGLE SWITCH, @ +46" UNO
MOTOR RATED SINGLE POLE SWITCH, @ UNIT UNO
MASTER LIGHTING CONTROL STATION
OCCUPANCY SENSOR
FIXTURE TAG: LETTER INDICATES TYPE
JUNCTION BOX, SIZE & TYPE AS INDICATED OR AS REQUIRED
FLEX CONNECTION FROM J-BOX/DISCONNECT TO EQUIPMENT.
15 OR 20 AMP 125V 3W DUPLEX RECEPTACLE, @ +18" UNO
20 AMP 125V 3W DEDICATED DUPLEX RECEPTACLE, @ +18" UNO
15 OR 20 AMP 125V 3W DOUBLE DUPLEX RECEPTACLE, @ +18" UNO
CEILING MOUNTED DUPLEX RECEPTACLE
PLUGMOLD W/ DATA & RECEPTACLES SPACED A MINIMUM 12" APART
NON-FUSED DISCONNECT SWITCH
FUSED DISCONNECT SWITCH, SIZE PER UNIT LABEL
MOTOR, N.I.E.S. CONNECT AS REQUIRED, NUMBER INDICATES HP
PANELBOARD - SEE SCHEDULE
MAIN SWITCHBOARD OR MOTOR CONTROL CENTER, SEE ONE LINE DIAGRAM
DISTRIBUTION TERMINAL, MOUNTING AS NOTED
TERMINAL CABINET, SIZE & TYPE AS NOTED
CEILING EXHAUST FAN
DATA OUTLET, 4" SQ. BOX W/ SINGLE DEVICE RING & PLATE @ +18" UNO
TELEPHONE OUTLET, 4" SQ. BOX W/ SINGLE DEVICE RING & PLATE @ +18" UNO
DUPLEX RECEPTACLE FLUSH W/ FINISHED FLOOR
TELEPHONE TERMINAL BOARD: 4" x 8" x 1" PLYWOOD OR AS NOTED
W/ DOUBLE DUPLEX RECEPTACLE & 1 #6 GND
LOW VOLTAGE WIRING IN CONDUIT
CONDUIT RUN CONCEALED BELOW FLOOR OR FINISHED GRADE, U.N.O.
CONDUIT CONCEALED IN CEILING OR WALL, U.N.O.
HOMERUN TO RESPECTIVE PANEL OR TERMINAL CABINET - OVERHEAD
HOMERUN TO RESPECTIVE PANEL OR TERMINAL CABINET - UNDERGROUND
CONDUIT RISER - UP
CONDUIT RISER - DOWN
BRANCH CIRCUIT WITHOUT FURTHER DESIGNATION INDICATES A 2 #12 WIRE CIRCUIT
ADDITIONAL NO. OF #12: ———, 3 #12; ———, 2 #12 & 1 #12 GND;
————, 2 #12 & 1 #12 GND, ETC. OTHER WIRE SIZES:
————, 2 #10 & 1 #12 GND; ———, 2 #8 & 1 #8 GND, ETC.
#10 #12 #8 #6
MT EMPTY CONDUIT WITH PULLSTRING
EL EMERGENCY LIGHT
NL NIGHT LIGHT
SB LIGHTING CONTROL & DESIGN "SILVER BULLET" CURRENT LIMITING PANEL.
(E) EXISTING
(N) NEW
(R) RELOCATE
C. CONDUIT
WR WEATHER RESISTANT
FACP FIRE ALARM CONTROL PANEL
X-PANEL, Y-CIRCUIT #; CR-INDICATES RECEPTACLE CONTROLLED VIA RELAY
SMOKE DETECTOR, MOUNTING AS NOTED
TC TIME CLOCK (LCC)
DUCT SMOKE DETECTOR
HAI FIRE ALARM STROBE UNIT, WALL MOUNTED
HAI FIRE ALARM COMBINATION HORN/STROBE UNIT, WALL MOUNTED
DETAIL DESIGNATION: TOP NUMBER INDICATES DETAIL,
BOTTOM LETTER/NUMBER INDICATES SHEET
MECHANICAL & PLUMBING EQUIPMENT DESIGNATION
NOTE: SYMBOLS INDICATED ABOVE MAY NOT NECESSARILY
APPEAR AS PART OF THESE DRAWINGS IF NOT REQUIRED.

NOTE TO CONTRACTOR

THE CONTRACTOR SHALL THOROUGHLY REVIEW THESE ELECTRICAL CONSTRUCTION DOCUMENTS PRIOR TO PREPARING A BID FOR THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING ELECTRICAL SERVICES AND CONNECTION REQUIREMENTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS OR DISCREPANCIES FOUND PRIOR TO BID SUBMITTING A BID FOR THE ELECTRICAL WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REQUIRED FIELD VERIFICATION OF EXISTING CONDITIONS HAS BEEN COMPLETED AND ASSUMES FULL RESPONSIBILITY FOR CONFLICTS FOUND AFTER THE AWARD OF THE ELECTRICAL CONTRACT. NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CONFLICTS FOUND TO EXIST AFTER THE AWARD OF THE ELECTRICAL CONTRACT.

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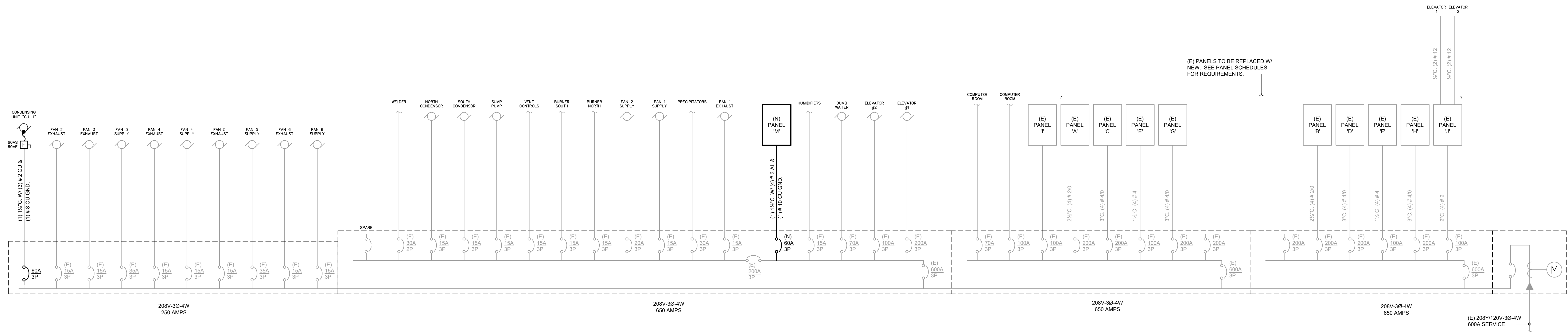


GENERAL NOTES & SYMBOL LIST

PROJECT NO.
C1004859

SCALE: AS NOTED HOR: VERT: DATE: 02.17.2023	SHEET NO. E1.0 45 OF 6
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50




1 ONE-LINE DIAGRAM
SCALE: NONE

<input checked="" type="checkbox"/> NEW <input type="checkbox"/> EXISTING		<div>"A"</div>										AIC: _____		TO MATCH EXISTING	
VOLTAGE: _____												208Y/120V-3Ø-4W			
BUS: _____		200A		MOUNTING: _____		RECESSED		LOCATION: _____		BASEMENT HALLWAY					
#	LOAD DESCRIPTION	VOLT-AMPERES			CB	BUS	CB	VOLT-AMPERES			LOAD DESCRIPTION	#			
		ØA	ØB	ØC				ØA	ØB	ØC					
1	ROOMS 24, 25, & 26									ROOM 23 SOUTH	2				
3	ROOM 23 CENTER									ROOM 23 NORTH	4				
5	ROOM 28									ROOMS 28, 30, & 31	6				
7	ROOM 21 SE									ROOM 21 SW	8				
9	ROOMS 20, 21 N, 105									AUDITORIUM	10				
11	AUDITORIUM									ROOMS 18 & 19	12				
13	SW STACKROOM									W STACKROOM RECS	14				
15	W STACKROOM RECS									SW STACKROOM RECS	16				
17	EXIT LIGHTS									LOAD	18				
19	NW STACKROOM									NW STACKROOM	20				
21	MODULAR CUBICLE									FIRE ALARM	22				
23	FIRE ALARM									ROOMS 23, 26, 27, & 31 RECS	24				
25	MODULAR CUBICLE									W AUDITORIUM N & E WALL RECS	26				
27	W AUDITORIUM S WALL RECS									ROOMS 20 & 21 RECS	28				
29	SERVICE ENTRANCE									COPIER	30				
31	LOAD									1ST FLR RECS ABOVE SERV ENTR	32				
33	LOADING DOCK/STORAGE RECS									ROOM 23 RECS	34				
35	FAN COILS "FC-1", "FC-4"		900					900		ROOM 23 RECS	36				
37	SPARE							3,600	3,600	EV CHARGER	38				
39	FAN COILS "FC-5", "FC-6"									↓	40				
41	SUBTOTAL	-	-	-				-	-	SUBTOTAL	42				
TOTAL VOLT-AMPERES/PHASE:		ØA = -			ØB = -			ØC = -							
TOTAL DESIGN VOLT-AMPERES: -												AMPS = -			

<input checked="" type="checkbox"/> NEW <input type="checkbox"/> EXISTING												TO MATCH EXISTING					
VOLTAGE:		208Y/120V-3Ø-4W										"B"		AIC:		MLO	
BUS:		300A		MOUNTING:		RECESSED		LOCATION:		CHILDREN'S AREA							
#	LOAD DESCRIPTION	VA	AMPS	#C	CB	BUS	CB	#A	AMPS	#C	LOAD DESCRIPTION	#					
1	ROOM 39 SOUTH	200	1.0	1	1	1	1	200	1.0	1	ROOM 34 SOUTH	2					
3	ROOM 39 CENTER	200	1.0	1	1	1	1	200	1.0	1	ROOM 39 NORTH	4					
5	ROOMS 33 & 34	200	1.0	1	1	1	1	200	1.0	1	ROOM 1 SOUTH	6					
7	ROOM 1 SE	200	1.0	1	1	1	1	200	1.0	1	ROOM 1 CENTER	8					
9	ROOM 1 W	200	1.0	1	1	1	1	200	1.0	1	NIGHT LIGHTS	10					
11	ROOMS 2, 3, & 4	200	1.0	1	1	1	1	200	1.0	1	ROOM 5	12					
13	ROOM 5	200	1.0	1	1	1	1	200	1.0	1	SE STACKROOM	14					
15	STAIRWELL LTG	200	1.0	1	1	1	1	200	1.0	1	SE STACKROOM	16					
17	SE STACKROOM	200	1.0	1	1	1	1	200	1.0	1	SE STACKROOM	18					
19	NE STACKROOM & RECS 1, 2, & 3	200	1.0	1	1	1	1	200	1.0	1	NE STACKROOM & RECS 1, 2, & 3	20					
21	NE STACKROOM RECS	200	1.0	1	1	1	1	200	1.0	1	NE STACKROOM RECS	22					
23	E STACKROOM RECS	200	1.0	1	1	1	1	200	1.0	1	ROOMS 34 & 39 RECS	24					
25	ROOMS 32, 33, & 34 RECS	200	1.0	1	1	1	1	200	1.0	1	RM 220 PAPER CUTTER	26					
27	SUBPANEL "B1"	200	1.0	1	1	1	1	200	1.0	1		28					
29		200	1.0	1	1	1	1	200	1.0	1	CENTRAL	30					
31	↓				1						ROOM 6 RECS	32					
33	CHILDREN'S SERVICES RECS	720	3.6	1	1	1	1	800	4.0	1	BOILER/HVAC/CONTROL PANELS	34					
35	CHILDREN'S RDNG/AGENCY RECS			900	4.5	1	1				SPARE	36					
37	MAIL RECS	1,080	5.4	1	1	1	1				SPARE	38					
39	BOILER ROOM REC		180	0.9	1	1	1				SPARE	40					
41	SPARE				1	1	1				SPARE	42					
SUBTOTAL		-	-	-				-	-		SUBTOTAL						
TOTAL VOLT-AMPERES/PHASE:		3ØA = -		3ØB = -		3ØC = -											
TOTAL DESIGN VOLT-AMPERES: -																	

■ NEW □ EXISTING												AIC:		TO MATCH EXISTING	
VOLTAGE:		208Y/120V-3Ø-W				"C"		MAIN:				MLO			
BUS:		200A				MOUNTING:		RECESSED		LOCATION:		1ST FLOOR HALLWAY			
#	LOAD DESCRIPTION	VOLT-AMPERES				DB				VOLT-AMPERES				#	
		BA	BB	BC	DB	A	B	C	DB	BA	BB	BC			
1	MAIN LOBBY - PENDANTS	384				DB				1,260				ROOM 111 EXTERIOR WALL RECS	2
3	MAIN LOBBY - OUTLINE		970			DB					864			NW LOWER LOBBY LTG	4
5	ROOM 111 LTG - NE			1,440		DB								LIGHTING CONTROL PANEL "LCC"	8
7	ROOM 111 LTG - E	1,440				DB								SPARE	4
9	ROOM 111 LTG - SE			1,440		DB								SPARE	10
11	ROOM 112 LTG - SE			1,440		DB								SPARE	12
13	SPARE					DB								SPARE	14
15	SPARE					DB								SPARE	16
17	SPARE					DB								SPARE	18
19	SPARE					DB								SPARE	20
21	SPARE					DB								SPARE	22
23	STACK ROOM - WEST					DB								STACK ROOM - WEST	24
25	CENTRAL HALL - SOUTH					DB								ROOM 108	26
27	CENTRAL HALL - WEST					DB								ROOM 112 - SOUTH RECS	28
29	MAP ROOM COLUMN RECS					DB								ROOM 112 - NORTH RECS	30
31	HISTORY CASE					DB								ROOM 111 - COLUMN RECS	32
33	ROOM 111 - COLUMN RECS					DB								ROOM 108 RECS	34
35	COMP LAB MOTION DETECTOR					DB								STACK ROOM RECS	36
37	SPARE (VERIFY)					DB				540				CONF ROOM 126 RECS	38
39	SPARE					DB						667		SUPPLY FAN "SF-1"	40
41	SPARE					DB								SPARE	42
SUBTOTAL		-	-	-	-					-	-	-	-	SUBTOTAL	
TOTAL VOLT-AMPERES/PHASE:		ØA = -				ØB = -				ØC = -					
TOTAL DESIGN VOLT-AMPERES: -															
		AMPS = -													

■ NEW □ EXISTING		"D"										AIC:		TO MATCH EXISTING			
VOLTAGE:		208Y/120V/3Ø-W/4										MAIN:		MLO			
BUS:		200A MOUNTING:										RECESSED		LOCATION:		1ST FLOOR HALLWAY	
LINE NO	LOAD DESCRIPTION	VOLT-AMPERES		CB	BUS	CB	VOLT-AMPERES		CB	BUS	CB	LOAD DESCRIPTION		LINE NO			
Ø		ØA	ØB	ØC	A	B	C		ØA	ØB	ØC			Ø			
1	ROOM 101 LTG - NW	1.440							100			FRESKO LTG CONTROLLER	2				
3	ROOM 101 LTG - W		1.440					1,260				ROOM 101 EXTERIOR WALL RECS	4				
5	ROOM 101 LTG - SW			1.440					540			ROOM 102 / CHECKOUT RECS	6				
7	ROOM 112 LTG - SW	1.440						784				CHECKOUT/SE LOWER LOBBY LTG	8				
9	PASSAGEWAY LTG		230									LIGHTING CONTROL PANEL "LCC1"	10				
11	READING ROOM REC			180								SPARE	12				
13	SPARE											SPARE	14				
15	SPARE											SPARE	16				
17	SPARE											SPARE	18				
19	STOCK ROOMS - EAST											STOCK ROOMS - EAST	20				
21	STOCK ROOMS - EAST											STOCK ROOMS - EAST	22				
23	RM 103 - 106 & M / OFFICE											CENTER HALL - EAST	24				
25	CENTER HALL - SOUTH TELEPHONE											ROOM 112 RECS - SOUTH	26				
27	ROOM 112 COLUMN RECS											ROOM 112 COLUMN RECS	28				
29	ROOM 112 RECS - NORTH											ROOM 101 RECS - WEST	30				
31	ROOM 101 RECS - NORTHEAST							400				"FC-17" "FC-2" CONTROL PANEL	32				
33	ROOM 101 RECS - NORTHEAST COL											ROOM 101 COLUMN RECS	34				
35	COPY MACHINE											COPY MACHINE	36				
37	SPARE											SPARE (VERIFY)	38				
39	STACK ROOM RECS											PHONE REC / FILM WINDER	40				
41	MEZZANINE RECS - EAST											EAST COLUMN REC	42				
SUBTOTAL		-	-	-					-	-	-	SUBTOTAL					
TOTAL VOLT-AMPERES/PHASE:		ØA = -			ØB = -			ØC = -									
TOTAL DESIGN VOLT-AMPERES -		AMPS = -															

<input checked="" type="checkbox"/> NEW <input type="checkbox"/> EXISTING												AIC:		TO MATCH EXISTING	
VOLTAGE:		208Y/120V-3Ø-4W										MAIN:		MLO	
BUS:		100A				MOUNTING:		RECESSED		LOCATION:		MEZZANINE			
#	LOAD DESCRIPTION	VOLT-AMPERES				BUS				VOLT-AMPERES				#	LOAD DESCRIPTION
		8A	8B	8C	8D	A	B	C	D	8A	8B	8C	8D		
1	MEZZANINE STACK RM 'A' LTG - W													2	MEZZANINE STACK RM 'A' LTG - W
3	MEZZANINE STACK RM 'A' LTG - W													4	MEZZANINE STACK RM 'A' LTG - W
5	MEZZANINE STACK RM 'A' LTG - W												768	6	MEZZANINE LTG - W
7	SPARE													8	MEZZANINE W RECS
9	READING ROOM RECS			540										10	MEZZANINE STACK RM 'B' LTG - W
11	MEZZANINE STACK RM 'B' LTG - W													12	MEZZANINE STACK RM 'B' LTG - W
13	MEZZANINE STACK RM 'B' LTG - W													14	LOAD
15	LOAD													16	LOAD
17	MEZZANINE W RECS			540										18	SPARE
SUBTOTAL		-	-	-										-	SUBTOTAL
TOTAL VOLT-AMPERES/PHASE:		ØA = -				ØB = -				ØC = -					
TOTAL DESIGN VOLT-AMPERES: -		AMPS = -													

<input checked="" type="checkbox"/> NEW <input type="checkbox"/> EXISTING		<div style="text-align: center; font-size: 2em; font-weight: bold;">"F"</div>										AIC:		TO MATCH EXISTING	
VOLTAGE: 208Y/120V/3-Ø-W												MLO			
BUS: 100A		MOUNTING:		RECESSED		LOCATION:		MEZZANINE							
#	LOAD DESCRIPTION	VOLT-AMPERES			BUS		VOLT-AMPERES			#	LOAD DESCRIPTION				
		ØA	ØB	ØC	A	B	ØA	ØB	ØC						
1	MEZZANINE STACK RM 'A' LTG. - E									2	MEZZANINE STACK RM 'A' LTG. - E				
3	MEZZANINE STACK RM 'A' LTG. - E									4	MEZZANINE STACK RM 'A' LTG. - E				
5	MEZZANINE LTG. - E			768						6	SPARE				
7	MEZZANINE E RECS		540							8	2ND FL. ACCOUNTING OFFICE RECS				
9	MEZZANINE STACK RM 'B' LTG. - E									10	MEZZANINE STACK RM 'B' LTG. - E				
11	MEZZANINE STACK RM 'B' LTG. - E									12	MENS HAND DRYER - MEZZANINE				
13	2ND FL. ACCOUNTING OFFICE RECS									14	STOREROOM				
15	COMPUTER REC									16	COPY MACHINE				
17	SPARE								180	18	MEZZANINE REC				
SUBTOTAL		-	-	-				-	-	-	SUBTOTAL				
TOTAL VOLT-AMPERES/PHASE:		ØA = -			ØB = -			ØC = -							
TOTAL DESIGN VOLT-AMPERES: -								AMPS = -							

<input checked="" type="checkbox"/> NEW <input type="checkbox"/> EXISTING		<div style="display: flex; align-items: center; justify-content: center;"><div style="border: 1px solid black; padding: 2px 10px; font-weight: bold; font-size: 1.2em;">"G"</div><div style="margin-left: 20px;">AIC: _____ MAIN: _____</div></div>										TO MATCH EXISTING	
VOLTAGE: _____		208Y/120V/3-W/0-W										MLO	
BUS: _____		300A		MOUNTING: _____		RECESSED		LOCATION: _____		2ND FLOOR HALLWAY			
5' 6"	LOAD DESCRIPTION	VOLT-AMPERES			BUS			VOLT-AMPERES			5' 6"		
		#A	#B	#C	#A	#B	#C	#A	#B	#C			
1	ROOM 223 - SE											2	ROOM 223 - SW
3	ROOM 223 - CENTER E											4	ROOM 223 - CENTER W
5	ROOM 223 - NE											6	ROOM 223 - NW
7	ROOMS 231 & 232											8	ROOMS 229 & 230
9	ROOM 226 - S											10	ROOM 226 - CENTER
11	ROOMS 226, 227, & 228											12	ROOM 225 - S
13	ROOM 225 - N											14	ROOM 224
15	ROOMS 219, 220, & 222											16	STOCKROOM W
17	STOCKROOM W											18	STOCKROOM W
19	STOCKROOM W											20	ROOM 223 - S RECS
21	ROOM 223 COLUMN RECS											22	ROOMS 231, 232, & 233 RECS
23	ROOMS 230, 231, & 232 RECS											24	ROOMS 229 & 230 RECS
25	ROOM 225 RECS											26	ROOM 224 STAFF WALL RECS
27	ROOMS 219 & 220 RECS											28	ROOMS 225 & 226 RECS
29	ROOMS 225 & 226 RECS											30	ROOMS 226 RECS
31	2ND FL. STOCKROOM MEZZ - W											32	2ND FL. STOCKROOM MEZZ - W
33	2ND FL. STOCKROOM MEZZ - W											34	2ND FL. STOCKROOM MEZZ - W
35	EAST STAIR ROOM											36	WEST FAN ROOM
37	EAST FAN ROOM RECS											38	WEST FAN ROOM RECS & EXIT LTS
39	STACK ROOM 2M RECS & EXIT LTS											40	STACK ROOM 2 RECS
41	ROOM 218B / 218A RECS										900	42	ROOM 218A / 218B RECS
SUBTOTAL		-	-	-									SUBTOTAL
TOTAL VOLT-AMPERES/PHASE:		0A = -			0B = -						0C = -		
TOTAL DESIGN VOLT-AMPERES: -												AMPS = -	

NEW <input type="checkbox"/> EXISTING <input type="checkbox"/>				"H"		MAIN: MLO		TO MATCH EXISTING			
VOLTAGE:		208Y/120V/3W-4W									
BUS:		208A		MOUNTING:		RECESSED		LOCATION: 2ND FLOOR HALLWAY			
#	LOAD DESCRIPTION	VOLT-AMPERES			BUS	CB	VOLT-AMPERES			LOAD DESCRIPTION	#
		BA	BB	BC			BA	BB	BC		
1	ROOM 234 S LTS									ROOM 234 CENTER LTS	2
3	ROOM 234 N LTS									ROOM 235 S LTS	4
5	ROOM 231 CENTER LTS									ROOM 235 N LTS	6
7	ROOM 236 / 237 LTS									MAGAZINE ROOM RECS	8
9	ROOMS 201 & 203									ROOM 201 - N	10
11	ROOM 213 - N									ROOM 213 - S	12
13	ROOM 215									ROOM 218	14
15	ROOMS 211 & 212									ROOM 210	16
17	ROOM 209									ROOMS 205 & 207	18
19	ROOMS 204, 206, & 208									ROOMS 234 & 235 RECS	20
21	CHECKPOINT									COPPER	22
23	ROOM 236 RECS									ROOMS 213 & 214 RECS	24
25	ROOMS 210, 212, & 213 RECS									ROOMS 207 & 203 RECS	26
27	ROOMS 210 & 213 RECS									ROOMS 201, 208, & 209 RECS	28
29	ROOMS 201 & 236 RECS									ROOM 201 RECS	30
31	2ND FLOOR STOCKROOM									2ND FLOOR STOCKROOM	32
33	2ND FLOOR STOCKROOM									2ND FLOOR MEZZANINE STOCKRM	34
35	2ND FLOOR MEZZANINE STOCKRM									2ND FLOOR MEZZANINE STOCKRM	36
37	EXIT LIGHTS									LOAD	38
39	LOAD							800		"FC-3" - "FC-6" CONTROL PANELS	40
41	CONFERENCE/FINANCE SERV RECS			360					720	ROOM 218 COLUMN RECS	42
SUBTOTAL		-	-	-				-	-	SUBTOTAL	
TOTAL VOLT-AMPERES/PHASE:		0A = -			0B = -			0C = -			
TOTAL DESIGN VOLT-AMPERES: -								AMPS = -			


<input checked="" type="checkbox"/> NEW <input type="checkbox"/> EXISTING												AIC:		TO MATCH EXISTING	
VOLTAGE:		208Y/120V-3Ø-4W				"J"				MAIN:		MLO			
BUS:		100A			MOUNTING:		RECESSED		LOCATION:		BASEMENT HALLWAY				
QTY	LOAD DESCRIPTION	VOLT-AMPERES			BUS			VOLT-AMPERES			LOAD DESCRIPTION			QTY	
		3ØA	3ØB	3ØC	P	A	B	C	3ØA	3ØB	3ØC				
	1 GND FLOOR W/SW CORRIDORS				20	20	20							5	GROUND FLOOR RESTROOMS
	3 GND FLOOR E/SW CORR/SERV ENTR				20	20	20							4	PANEL J PASSAGE WAY
	5 SPARE				20	20	20							6	SPARE
	7 W ENTRANCE WINDOWS				20	20	20							8	GND FRONT STRS/1ST FLR LOBBY
1	9 1ST & 2ND FLOOR EXIT LTS				20	20	20							10	1ST & 2ND FLOOR EXIT LTS
	11 2ND FLR E CORR/HALL/WOMEN RR				20	20	20							12	HALL STAIRS MEZZ/2ND FLR/ATTC
	13 MAIN ENTRANCE/2ND FLOOR LITG				20	20	20							14	2ND FLOOR CORRIDOR ENTRANCE
	15 SPARE				20	20	20							16	SPARE
	17 ELEVATORS - FRONT/STACKS				20	20	20							18	MEZZANINE BALCONY/RESTROOMS
	19 SPARE				20	20	20							20	CASH REG / ANSWERING MACHINE
	21 SPARE				20	20	20							22	SPARE
	23 SPARE				20	20	20							24	2ND FLR W CORRMENT'S RR/PASSG
	25 SPARE				20	20	20							26	SPARE
	27 SPARE				20	20	20							28	SPARE
	29 SPARE				20	20	20							30	SPARE
SUBTOTAL		-	-	-				-	-	-				SUBTOTAL	
TOTAL VOLT-AMPERES/PHASE:		ØA = -			ØB = -			ØC = -							
TOTAL DESIGN VOLT-AMPERES: -											AMPS = -				

<input checked="" type="checkbox"/> NEW <input type="checkbox"/> EXISTING				"M"		AIC:		TO MATCH EXISTING			
VOLTAGE:		208Y/120V/3Ø-W				MAIN:		MLO			
BUS:		100A		MOUNTING:		RECESSED		LOCATION:			
								STORAGE ROOM 125A			
S#	LOAD DESCRIPTION	VOLT-AMPERES			BUS	CB	VOLT-AMPERES			LOAD DESCRIPTION	S#
		ØA	#B	#C			ØA	#B	#C		
1	EAST FAN 1	1,200					ØA			SPARE	2
3	EAST FAN 2		1,200					1,200		WEST FAN 1	4
5	SOUTH FAN 1			1,200					1,200	WEST FAN 2	6
7	SOUTH FAN 2	1,200								MEZZANINE 'A' FANS	8
9	ROOM 217 FANS		400					300	300	MEZZANINE 'B' FANS	10
11	ROOM 218 FANS			800						SPARE	12
13	SPARE									SPARE	14
15	SPARE									SPARE	16
17	SPARE									SPARE	18
SUBTOTAL		2,400	1,600	2,000			300	1,500	1,200	SUBTOTAL	
TOTAL VOLT-AMPERES/PHASE:		ØA = 2,700			ØB = 3,100			ØC = 3,200			
TOTAL DESIGN VOLT-AMPERES: 9,000								AMPS = 25			

- ① PROVIDE BREAKER "LOCK-ON" DEVICE.
- ② PROVIDE NEW BREAKER TO MATCH EXISTING

RPR 1629 Telegraph Avenue
Oakland, CA 94612
Tel 510 272 0654

UP LIGHT
ELECTRICAL ENGINEERING, INC.
3130 Twichell Island Rd, West Sacramento, CA 95691
T/F - 916.371.2002
442 Livingston Avenue, Placenta, CA 92870
T - 916.525.9255

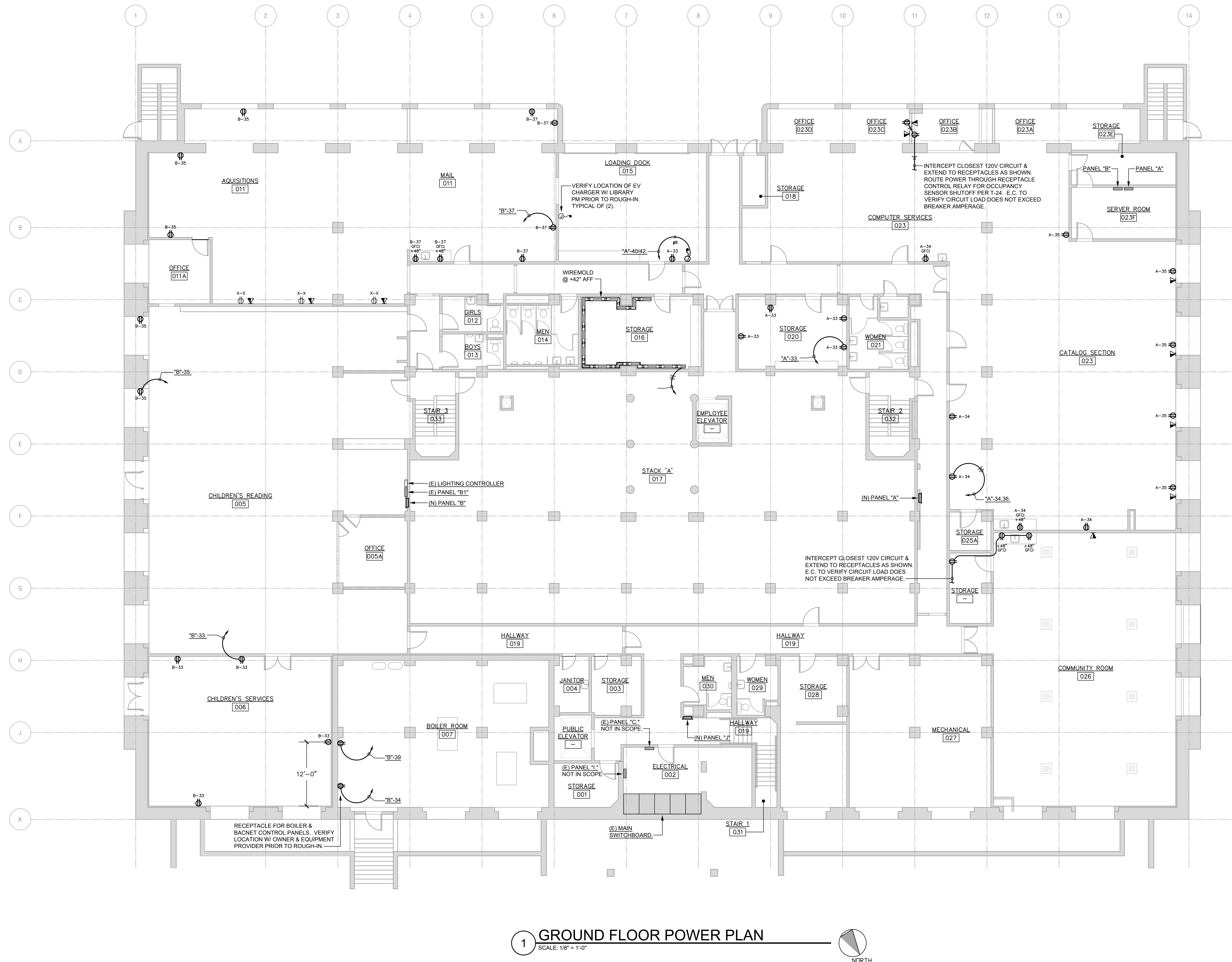


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DEPARTMENT OF ENGINEERING
& CONSTRUCTION

250 FRANK H. OGAWA PLAZA
SUITE 4314
OAKLAND, CA 94612
(510) 238-3437

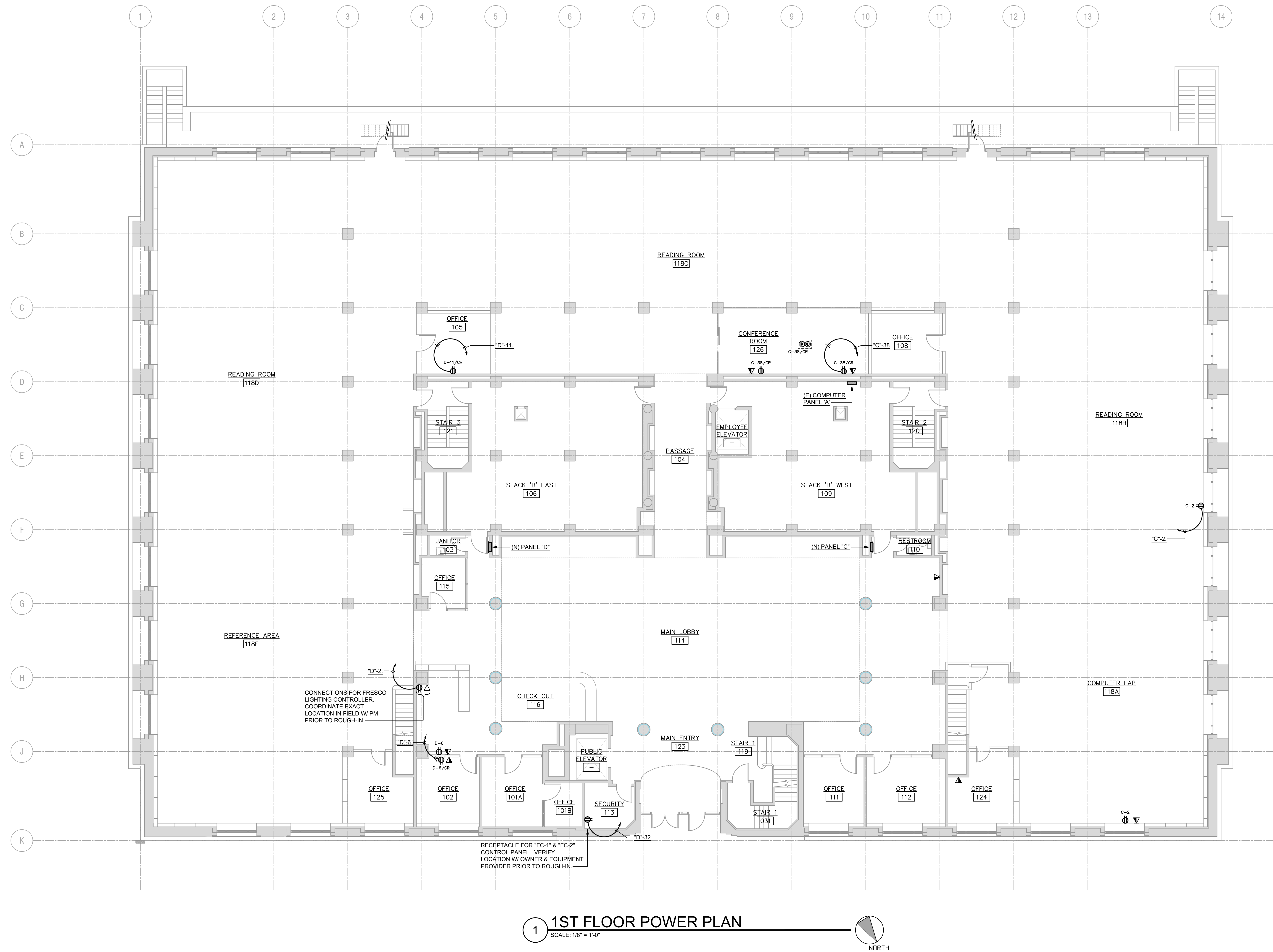
OAKLAND MAIN LIBRARY
INFRASTRUCTURE IMPROVEMENTS
125 14TH STREET

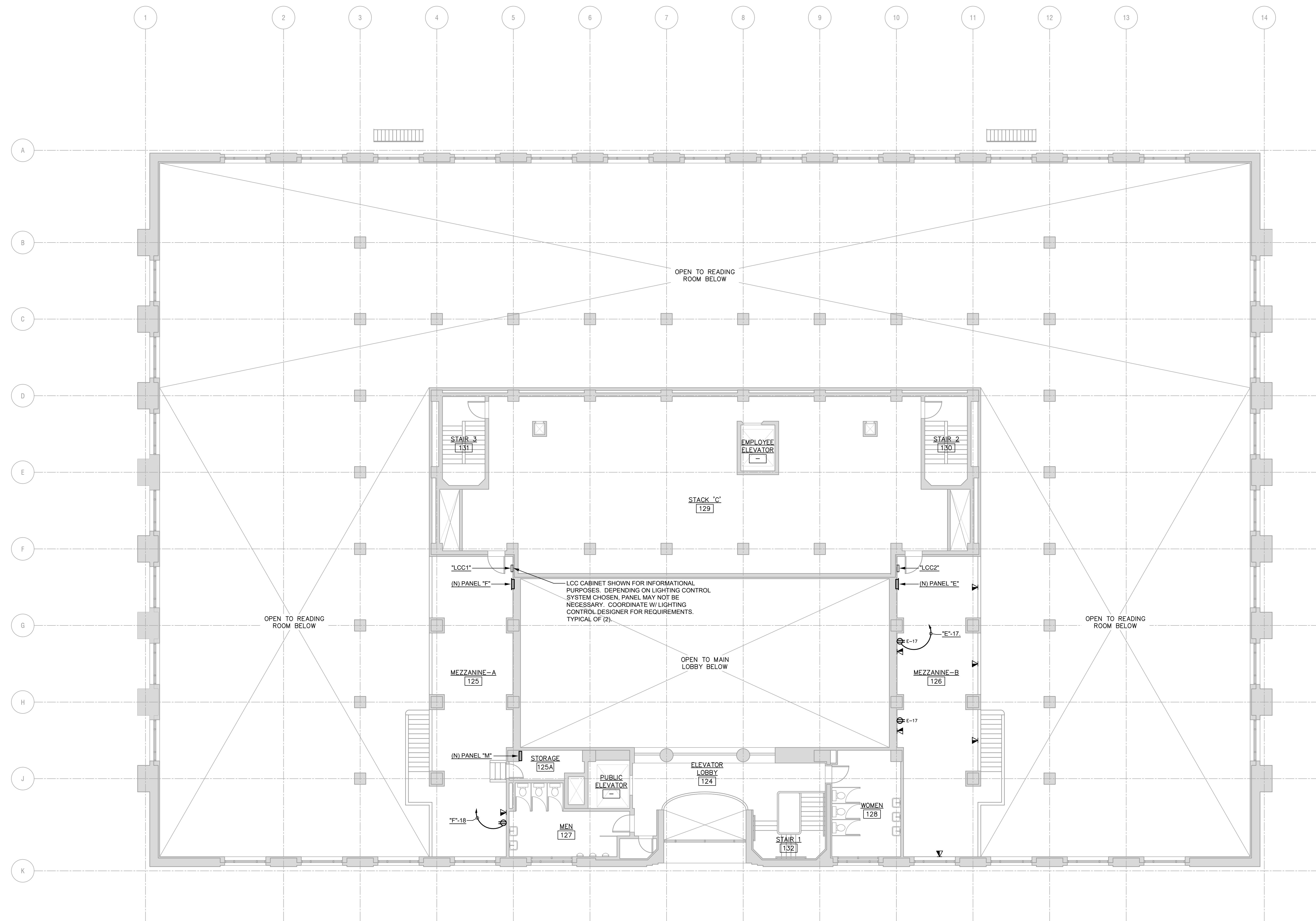
JIM PUGA		No.	DATE	BY	REFERENCE	PANEL SCHEDULES	PROJECT NO. C1004859	
RCE NO. <u>E16872</u>	EXP. <u>03.23</u>	1	02.17.23	RPR	ISSUED FOR BID		SCALE: AS NOTED	SHEET NO.
CHECKED BY	J/P						HOR:	E1.2
DESIGNED BY	JL/J/P						VERT:	
DRAWN BY	JL/J/P						DATE: 02.17.2023	47 OF 62



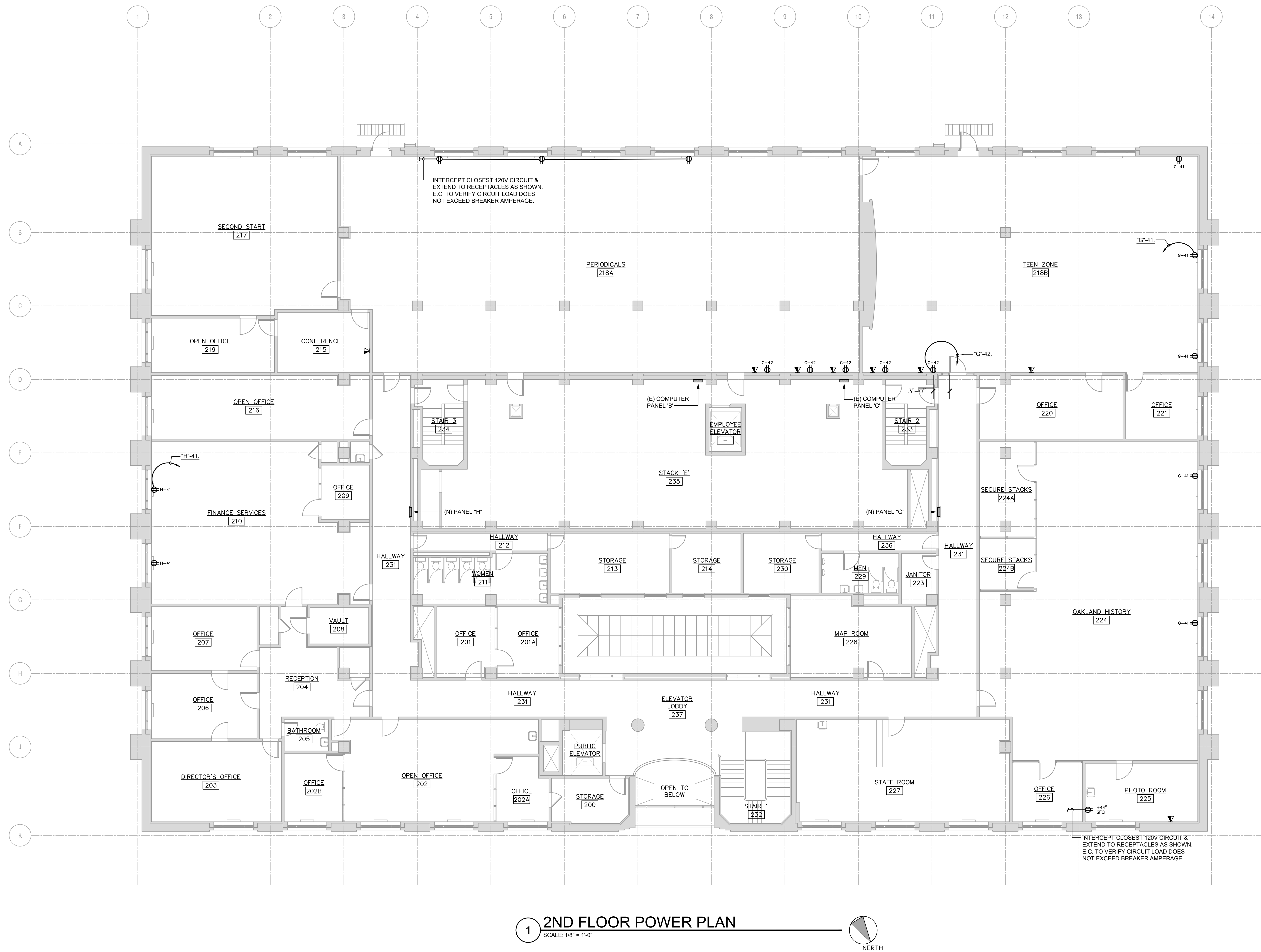
1 GROUND FLOOR POWER PLAN
SCALE: 1/8" = 1'-0"

JIM PUGA	No.	DATE	BY	REFERENCE
RCE No. E16872 EXP. 03.23	1	02.17.23	RPR	ISSUED FOR BID
CHECKED BY JP				
DESIGNED BY JU/JP				
DRAWN BY JU/JP				

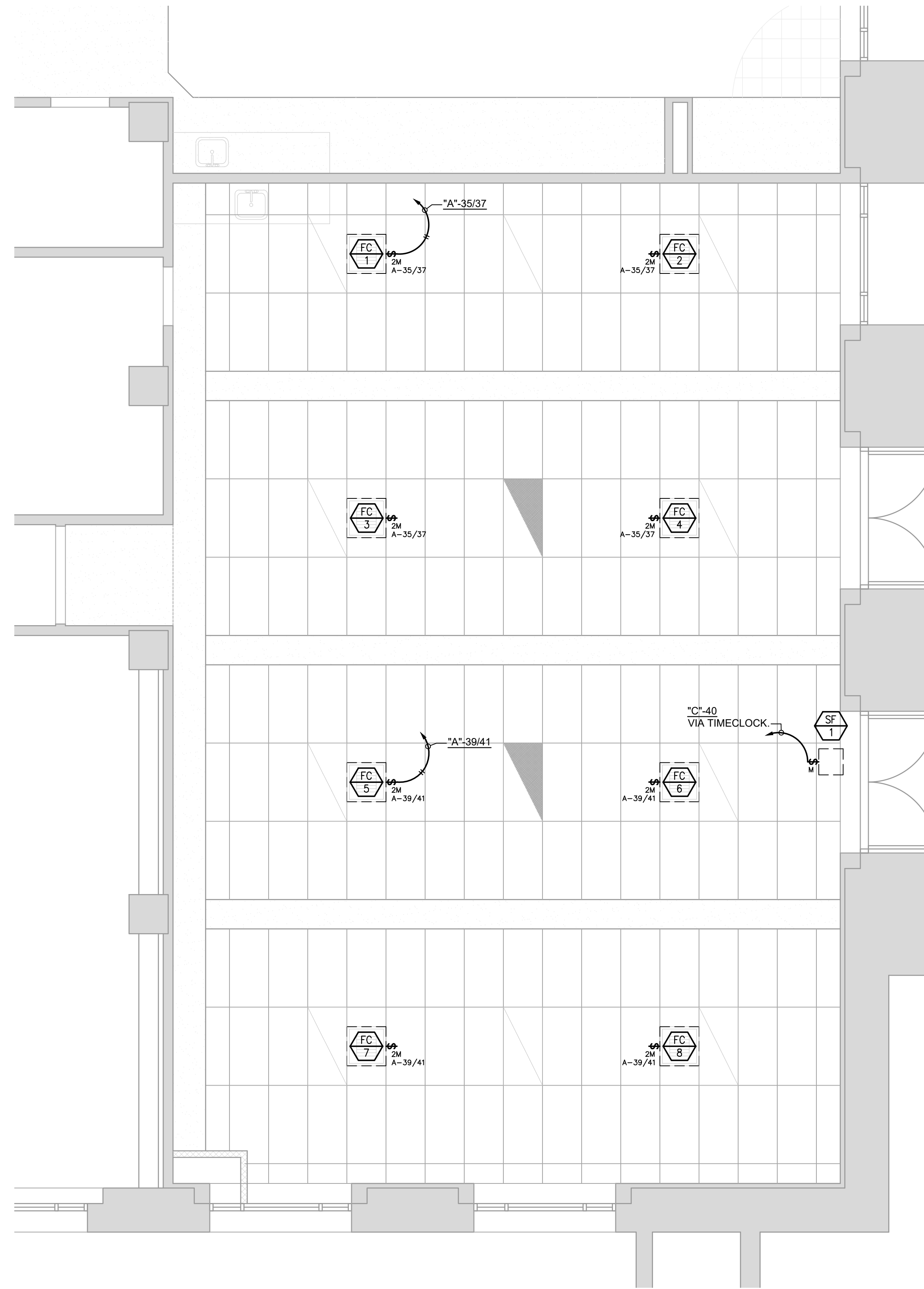




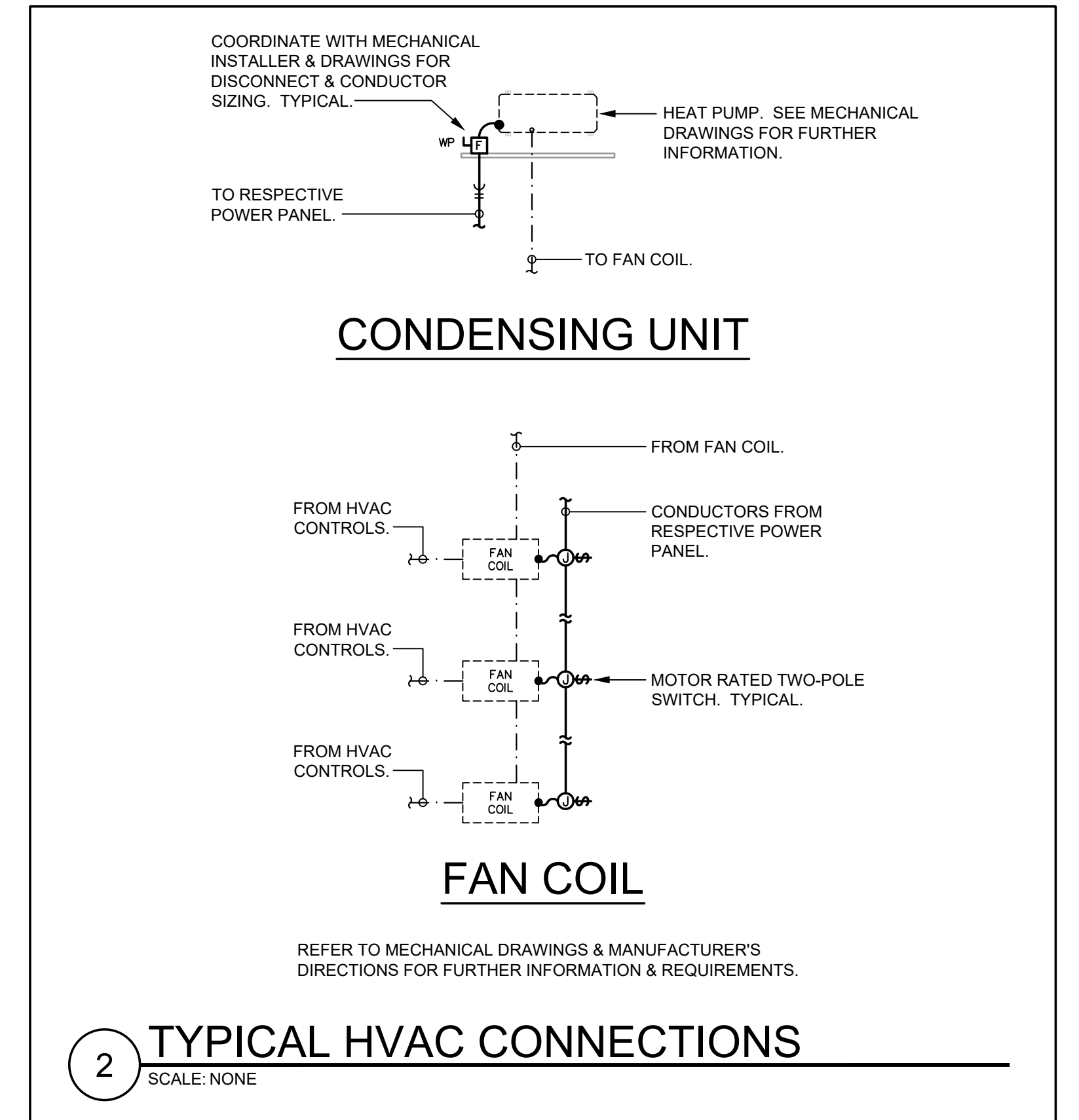
1 MEZZANINE POWER PLAN
SCALE: 1/8" = 1'-0"



No.	DATE	BY	REFERENCE
1	02.17.23	RPR	ISSUED FOR BID



1 COMMUNITY ROOM HVAC POWER PLAN
SCALE: 1/4" = 1'-0"



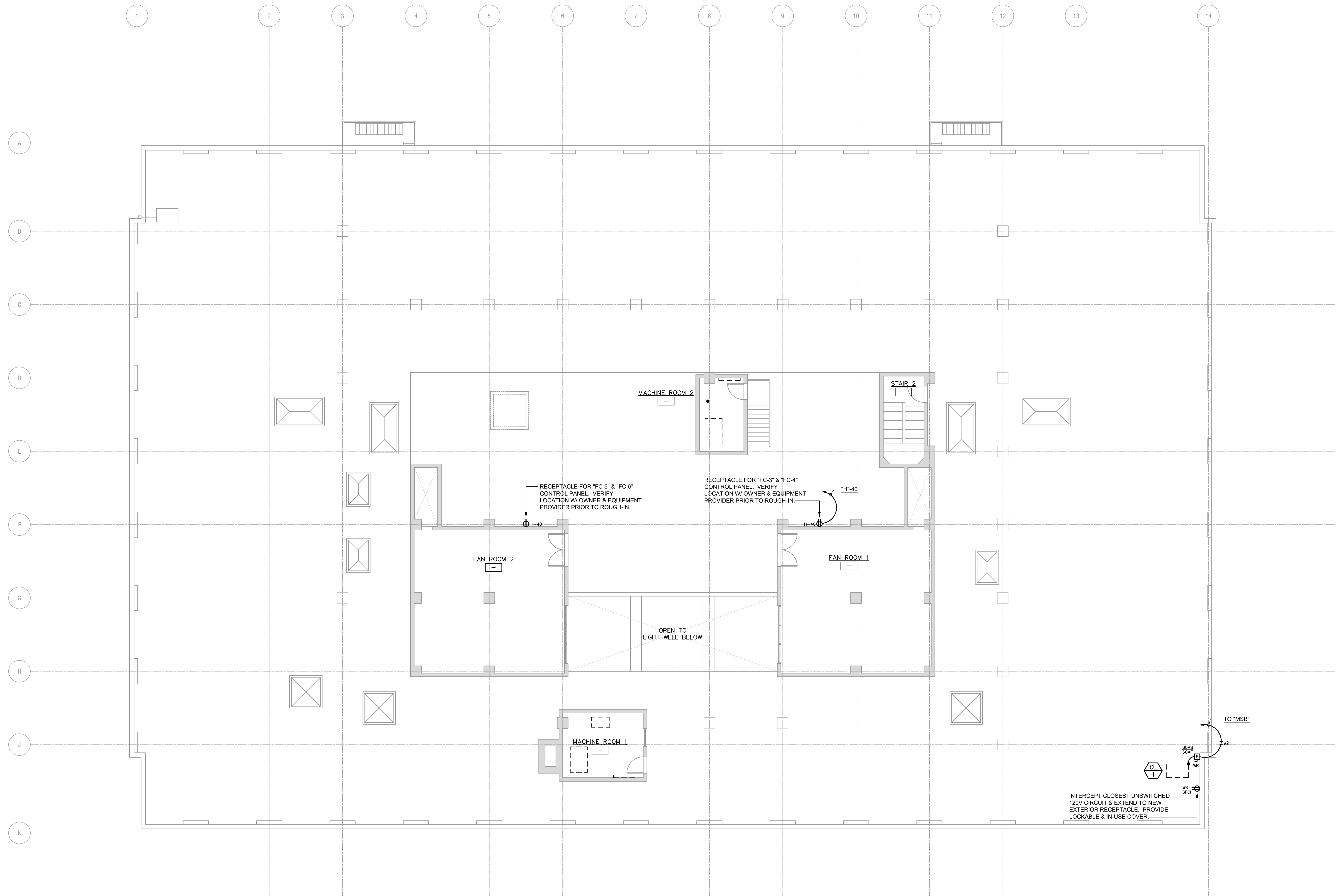
JIM PUGA	No.	DATE	BY	REFERENCE
RCE NO. E16872 EXP. 03.23	1	02.17.23	RPR	ISSUED FOR BID
CHECKED BY JP				
DESIGNED BY JL/JP				
DRAWN BY JL/JP				

COMMUNITY ROOM
HVAC POWER PLAN

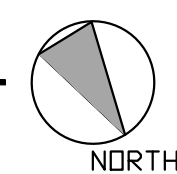
PROJECT NO.
C1004859

SCALE: AS NOTED
HOR:
VERT:
DATE: 02.17.2023

SHEET NO.
E2.4
52 OF 62



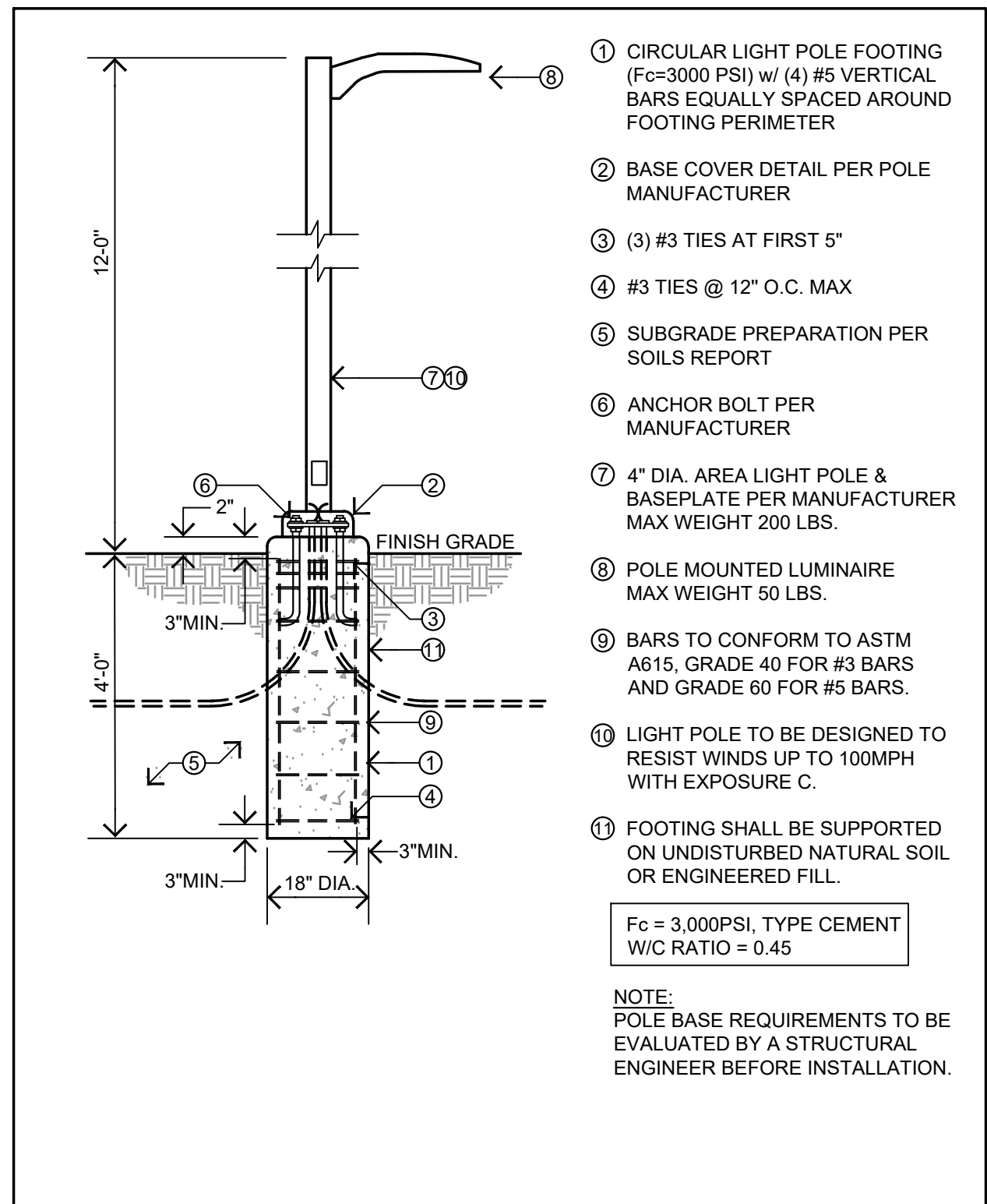
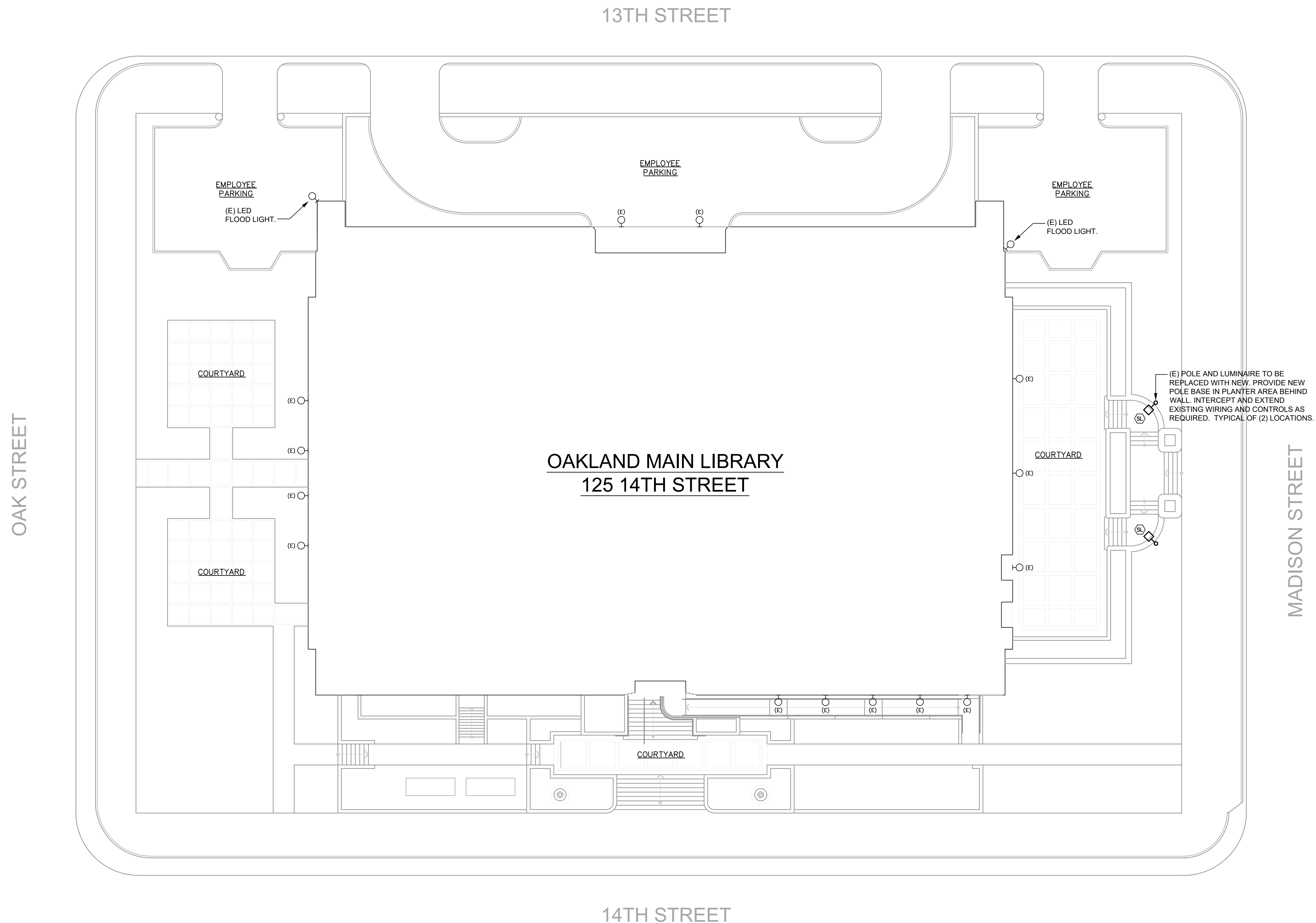
1 ROOF POWER PLAN
SCALE: 1/8" = 1'-0"



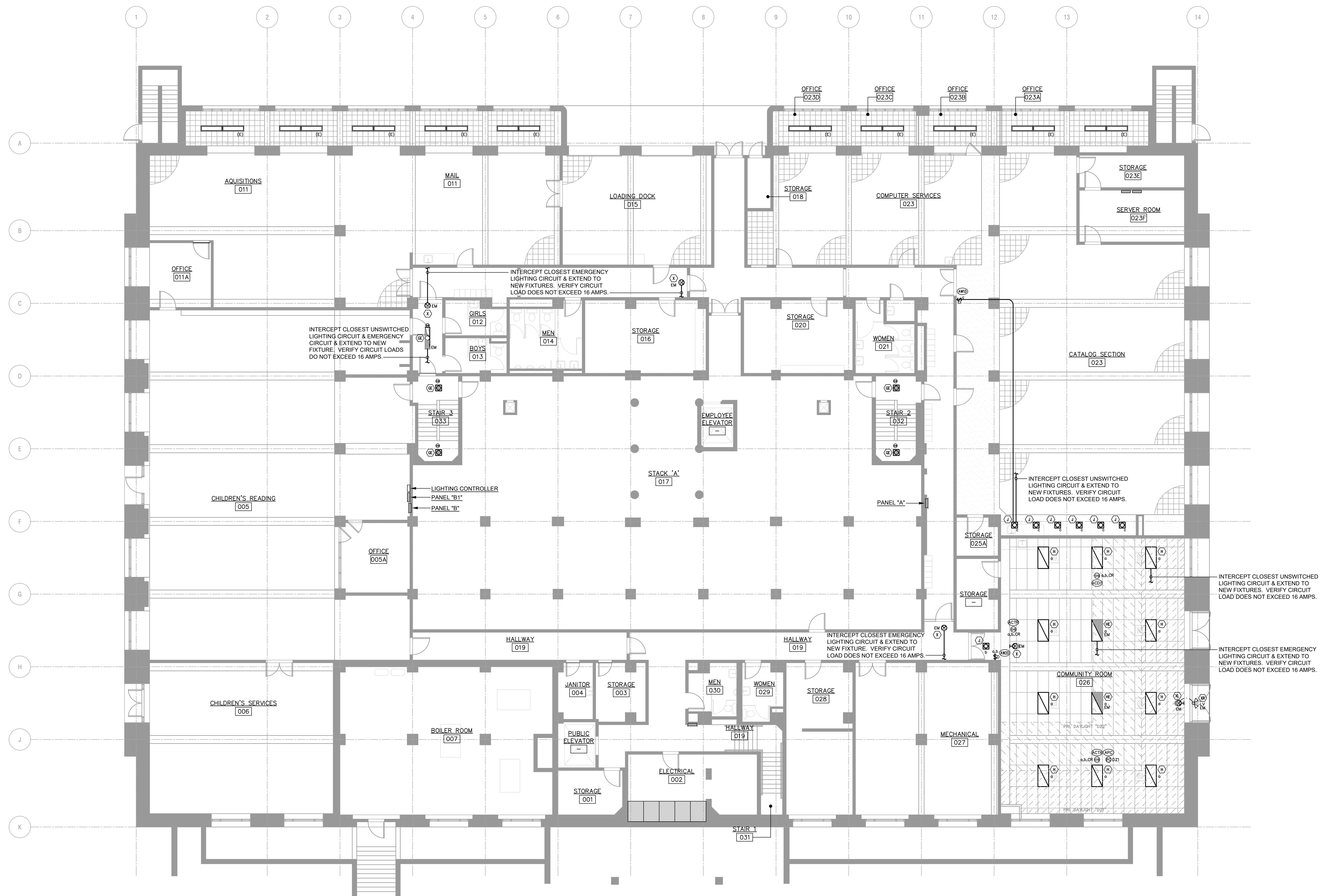
JIM PUGA			
RCE NO.	E16872	EXP.	03.23
CHECKED BY	JP		
DESIGNED BY	JL/JP		
DRAWN BY	JL/JP		

No.	DATE	BY	REFERENCE
1	02.17.23	RPR	ISSUED FOR BID

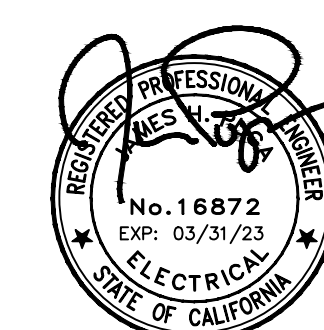
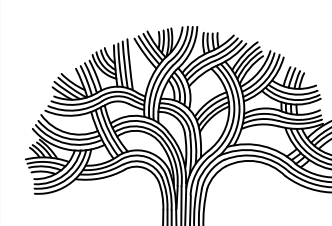
ROOF POWER PLAN		PROJECT NO. C1004859	
SCALE: AS NOTED	SHEET NO.		
HOR:	E2.5		
VERT:	53 OF 62		
DATE: 02.17.2023			



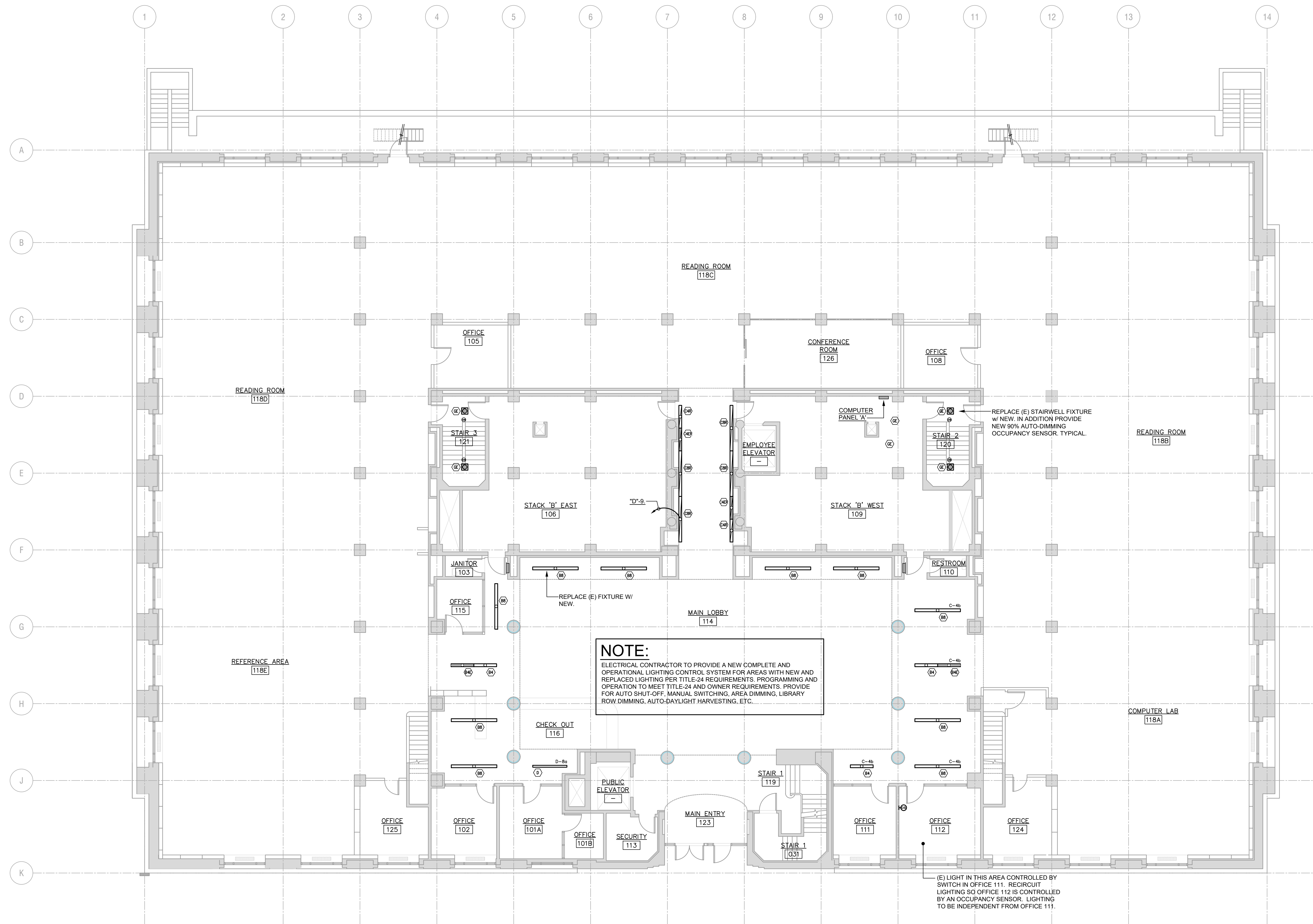
1 SITE LIGHTING PLAN
SCALE: 1/16" = 1'-0"
NORTH



1 GROUND FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"
NORTH



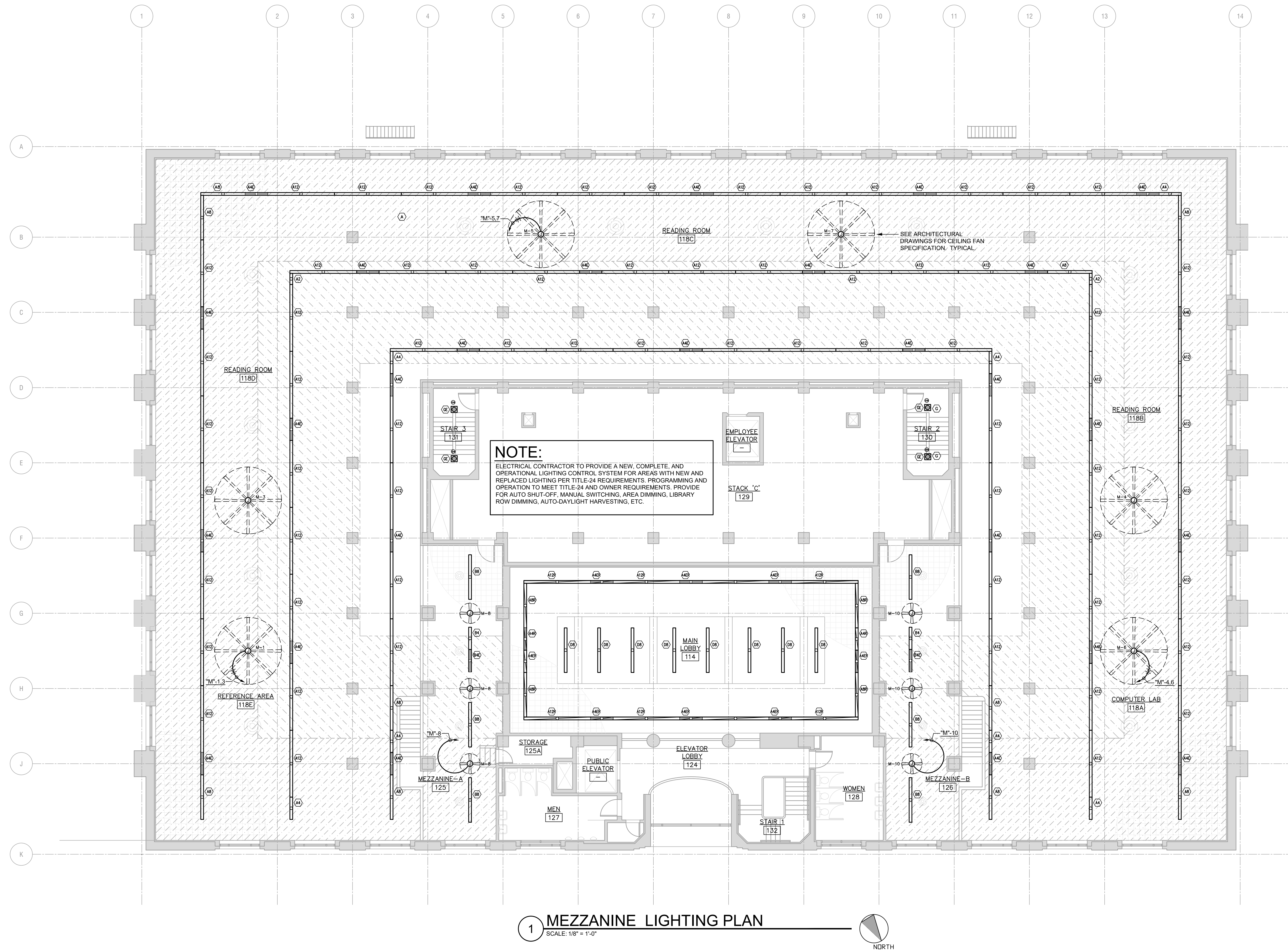
No.	DATE	BY	REFERENCE
1	02.17.23	RPR	ISSUED FOR BID



1 1ST FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"

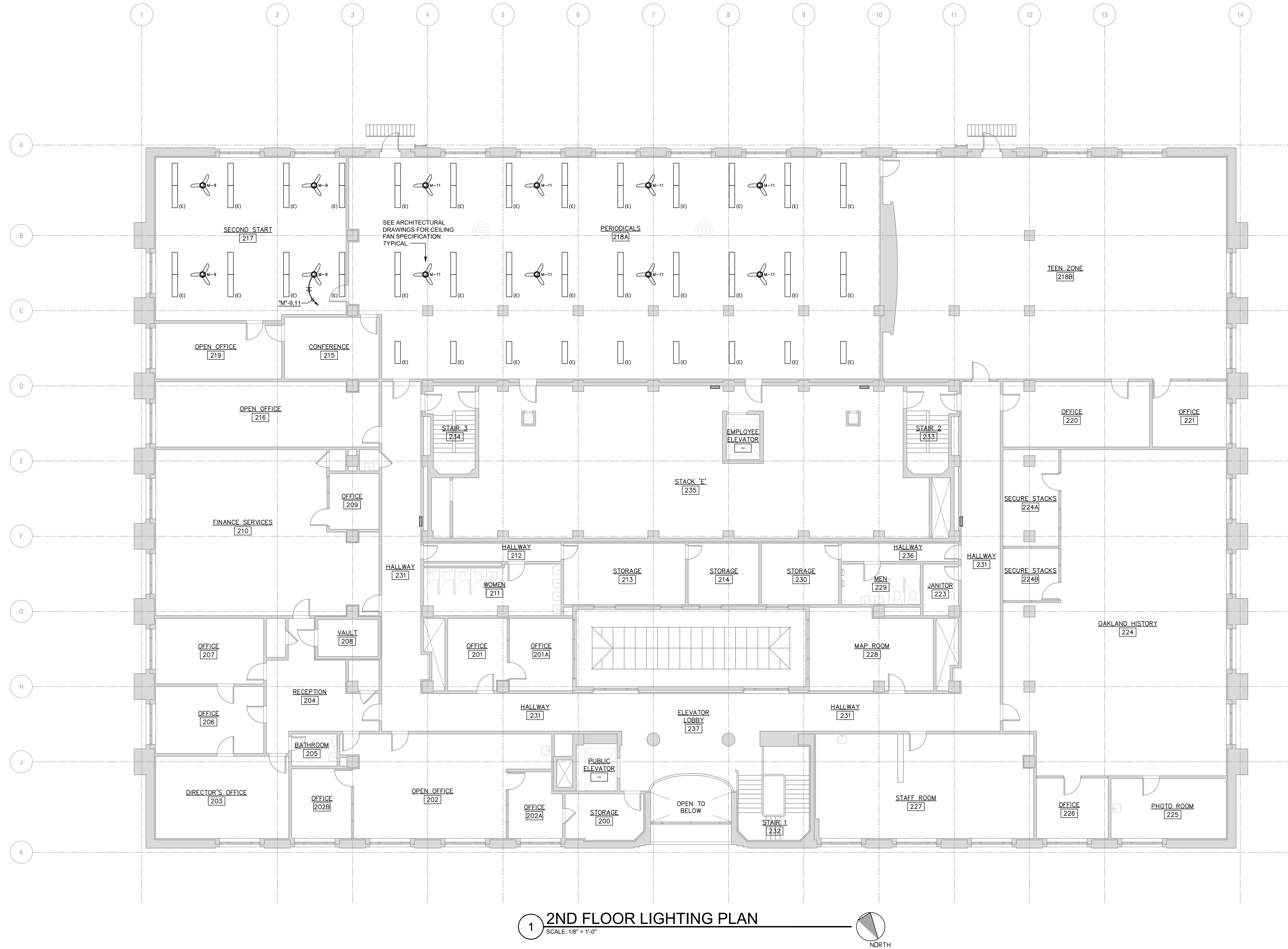
No.	DATE	BY	REFERENCE
1	02.17.23	RPR	ISSUED FOR BID

NOTE:
FOR LUMINAIRES SHOWN ON THIS SHEET, REUSE EXISTING LIGHTING CIRCUITS & EMERGENCY CIRCUITS. ROUTE CIRCUITS THROUGH RESPECTIVE LIGHTING CONTROLLER. PROVIDE UPDATED PANEL SCHEDULES & LIGHTING CONTROL SCHEDULES INDICATING CONTROL ZONES. PROVIDE OWNER W/ DRAWINGS DESIGNATING VARIOUS CONTROL ZONES.



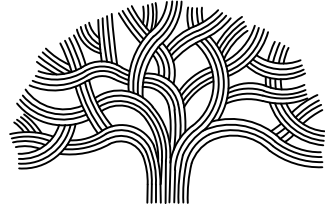
1 MEZZANINE LIGHTING PLAN
SCALE: 1/8" = 1'-0"

No.	DATE	BY	REFERENCE
1	02.17.23	RPR	ISSUED FOR BID





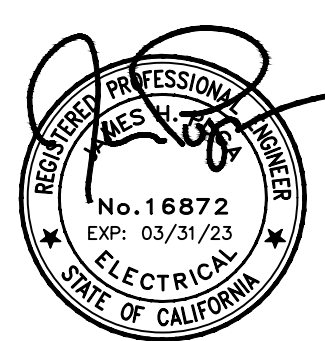
**1629 Telegraph Avenue
Oakland, CA 94612
Tel 510 272 0654**



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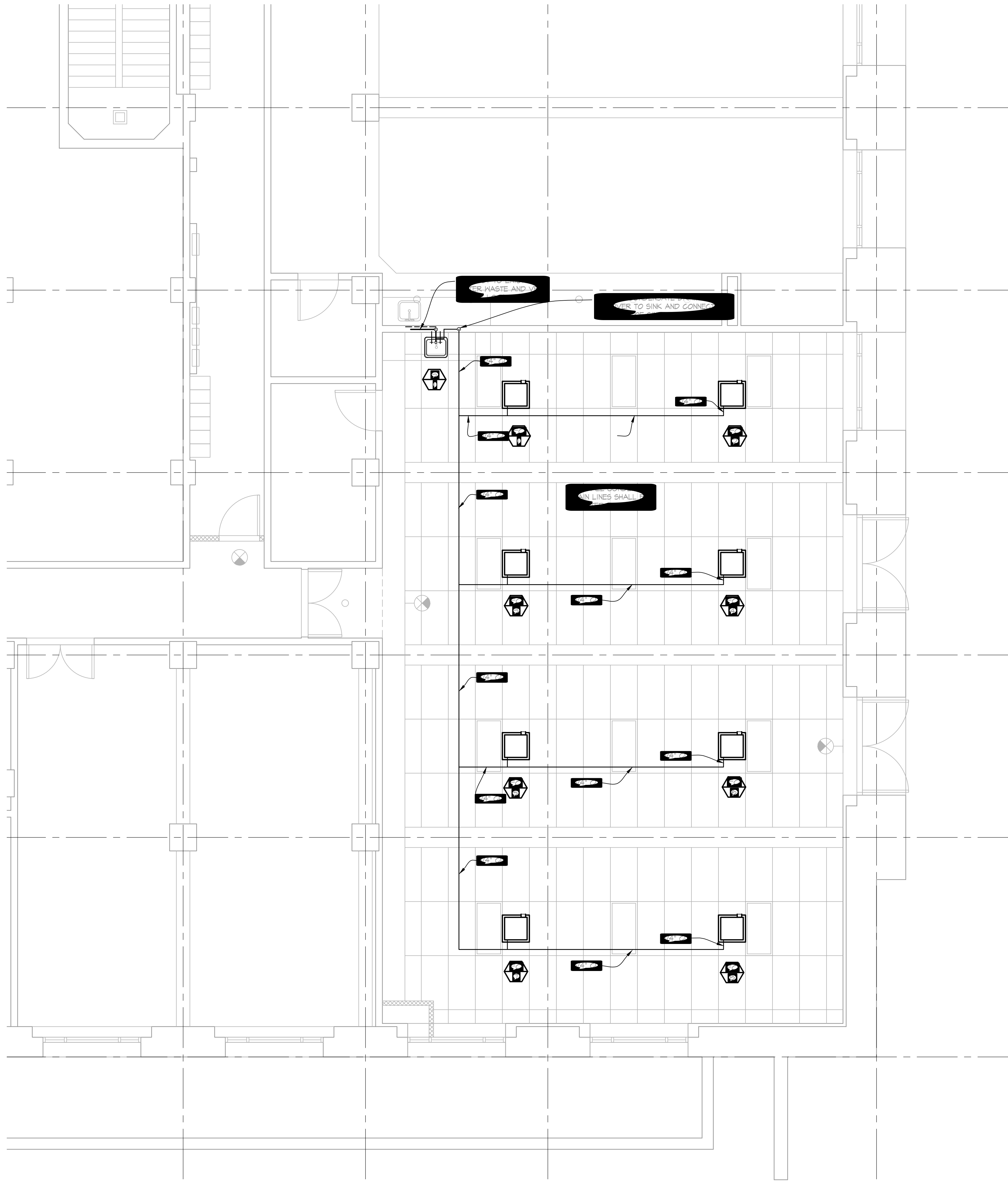
JIM PUGA		No.	DATE	BY	REFERENCE
		1	02.17.23	RPR	ISSUED FOR BID
RCE NO.	E16872	EXP.	03.23		
CHECKED BY		JP			
DESIGNED BY		JLJP			
DRAWN BY		JLJP			

TITLE-24 FORMS

PROJECT NO.
C1004859

SCALE: AS NOTED
HOR:
VERT:
DATE: 02.17.2023

SHEET NO.
E4.0
59 OF 62

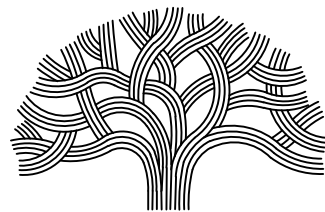


PLUMBING PLAN

DRAWING NAME: C:\CSF\Chad\chad\2023\1002021 P2.1.dwg
PLOTTER: JJE
PLOTTER BY: JJE



ELMENDORF
&
ASSOCIATES
MECHANICAL
ENGINEERS
317 PINE STREET
SAUSALITO, CA 94965
415-332-8388



CITY OF OAKLAND
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& CONSTRUCTION
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SUITE 4014
OAKLAND, CA 94612
(510) 238-3437

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MECHANICAL ENGINEER

JEFF ELMENDORF

RCE NO. M.27243 EXP. 08/23
CHECKED BY JJE
DESIGNED BY JJE
DRAWN BY MAH

No.	DATE	BY	REFERENCE
1	02.17.23	JJE	ISSUE FOR BID

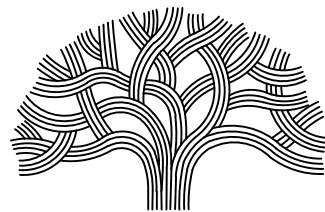
CONSTRUCTION PLANS:
PLUMBING PLAN

PROJECT NO. C1004859	
SCALE: AS NOTED HOR: VERT: DATE: 08.15.22	SHEET NO. P2.1 61 OF 62

DRAWING NAME: C:\SF\Cal\jha\2020\100201 P3.1.dwg
DATE: 08-15-22
PLOTTED BY: jef



ELMENDORF
&
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MECHANICAL
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CITY OF OAKLAND
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MECHANICAL ENGINEER

JEFF ELMENDORF

RCE NO. M.27243	EXP. 08/23
CHECKED BY JJE	
DESIGNED BY JJE	
DRAWN BY MAH	

No.	DATE	BY	REFERENCE
1	02.17.23	JJE	ISSUE FOR BID

CONSTRUCTION PLANS:
PLUMBING
SPECIFICATIONS

PROJECT NO. C1004859	
SCALE: AS NOTED HOR: VERT: DATE: 08.15.22	SHEET NO. P3.1 62 OF 62