PROJECT DIRECTORY

OWNER

CITY OF OAKLAND 250 FRANK OGAWA PLAZA OAKLAND, CA 94612 CONTACT: CHRISTINE REED T: 510.238.6540 E: CREED2@OAKLANDCA.GOV

ARCHITECT

RPR ARCHITECTS 1629 TELEGRAPH AVENUE, MEZZANINE 517 PINE STREET OAKLAND, CA 94612 CONTACT: KATHLEEN ROUSSEAU T: 510.272.0654 X101 E: KAR@RPRARCHITECTS.COM

PROJECT INFORMATION

PROJECT DESCRIPTION: BUILDING MAINTENANCE. REPLACE ELECTRICAL SUB-PANELS THROUGHOUT BUILDING. REPLACE BOILER CONTROLS, REPLACE LIGHTING IN MAIN ENTRY LOBBY, READING ROOM 8 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

ELECTRICAL ENGINEER/LIGHTING

UPLIGHT ELECTRICAL ENGINEERS

3130 TWITCHELL ISLAND ROAD

WEST SACRAMENTO, CA 95691

CONTACT: JIM PUGA T: 916.371.3202

E: JPUGA@UPLIGHTEE.COM

ELMENDORF & ASSOCIATES

MECHANICAL ENGINEER

SAUSALITO, CA 94965 CONTACT: JEFF ELMENDORF

E: JELMEN@PACBELL.COM

OAKLAND MAIN LIBRARY, 125 14TH STREET, OAKLAND, CA

T: 415.332.8388

STRUCTURAL ENGINEER

OAKLAND, CA 94612

T: 415.519.1820

CONTACT: JEFF TANER

E: JET@SPECTRUMSE.NET

SPECTRUM STRUCTURAL ENGINEERING

1629 TELEGRAPH AVE., SUITE 300

SITE ADDRESS:

APPLICABLE CODES

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

INDEX OF DRAWINGS

NO.	SHEET NO.	PLAN & TITLE	65%	PERMIT	BI
		ARCHITECTURAL			
1	T1.1	TITLE SHEET	•		
2	G1.1	POLLUTION PREVENTION		ě	
3	G1.2	GENERAL NOTES, SYMBOLS, ABBREVIATIONS	0	•	
4	G1.3	TYP. ADA DETAILS & CITY ACCESSIBILITY FORMS			
5	G1.4	CALGREEN CHECKLIST			•
6	G1.5	CALGREEN CHECKLIST			0
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.	•	•	0
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		•	0
17	A2.3	LEVEL 3 - MEZZANINE FINISH PLAN	•	•	•
18	A2.4	LEVEL 5 - SECOND FLOOR FINISH PLAN	•	•	0
19	A2.5	LEVEL 1 - GROUND FLOOR R.C.P.	•	•	•
20 21	A2.6 A2.7	LEVEL 2 - FIRST FLOOR R.C.P. LEVEL 3 - MEZZANINE R.C.P.	•	•	
21	A2.7 A2.8	LEVEL 3 - MEZZANINE R.C.P. LEVEL 5 - SECOND FLOOR R.C.P.	0	0	0
22	A2.8 A2.9	LEVEL 5 - SECOND FLOOR R.C.P. LEVEL 7 - ROOF PLAN			0
23	A2.9 A3.1	EXTERIOR ELEVATIONS			
24	A3.1 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	Ö	•	0
31	A8.2	DETAILS		•	0
	· · · · · ·	STRUCTURAL			
32	S1.1	CONDENSING UNIT PLANS & DETAILS			
33	S1.2	FAN MOUNTING DETAILS			
		MECHANICAL			-
0.4	h h h		-		-
34	M1.1	MECHANICAL SCHEDULES & DETAILS	•	•	
35 36	M1.2 M2.1	REFRIGERATION PIPING & WIRING DETAILS MECHANICAL PLAN	•	•	
37	M2.2	MECHANICAL PLAN MECHANICAL ROOF PLAN	•	•	
38	M3.1	MECHANICAL CONTROL SYSTEMS	0	•	0
39	M3.2	MECHANICAL CONTROL SYSTEMS			
40	M3.3	MECH. CONTROL SYS SEQUENCE OF OPERATIONS			
40	M3.4	MECH. CONTROL STS SEQUENCE OF OPERATIONS			
42	M4.1	MECHANICAL SPECIFICATIONS	-		
TL	M4.2	TITLE-24			
43		TITLE-24		•	0
43 44	M4.3			1	
	M4.3	ELECTRICAL			
	M4.3 E1.0	ELECTRICAL GENERAL NOTES & SYMBOLS			
44			•	•	•
44 45	E1.0	GENERAL NOTES & SYMBOLS	-		
44 45 46	E1.0 E1.1	GENERAL NOTES & SYMBOLS ONE LINE DIAGRAM	•	•	0
44 45 46 47	E1.0 E1.1 E1.2	GENERAL NOTES & SYMBOLS ONE LINE DIAGRAM PANEL SCHEDULES	•	•	•
44 45 46 47 48	E1.0 E1.1 E1.2 E2.0	GENERAL NOTES & SYMBOLS ONE LINE DIAGRAM PANEL SCHEDULES GROUND FLOOR POWER PLAN	•	0 0	•
44 45 46 47 48 49	E1.0 E1.1 E1.2 E2.0 E2.1	GENERAL NOTES & SYMBOLS ONE LINE DIAGRAM PANEL SCHEDULES GROUND FLOOR POWER PLAN FIRST FLOOR POWER PLAN	0 0 0	0 0 0	•
44 45 46 47 48 49 50	E1.0 E1.1 E1.2 E2.0 E2.1 E2.2	GENERAL NOTES & SYMBOLS ONE LINE DIAGRAM PANEL SCHEDULES GROUND FLOOR POWER PLAN FIRST FLOOR POWER PLAN MEZZANINE POWER PLAN	0 0 0	0 0 0 0	•
44 45 46 47 48 49 50 51	E1.0 E1.1 E1.2 E2.0 E2.1 E2.2 E2.3 E2.4 E2.5	GENERAL NOTES & SYMBOLS ONE LINE DIAGRAM PANEL SCHEDULES GROUND FLOOR POWER PLAN FIRST FLOOR POWER PLAN MEZZANINE POWER PLAN SECOND FLOOR POWER PLAN COMMUNITY ROOM HVAC POWER PLAN ROOF POWER PLAN		0 0 0 0 0 0	
44 45 46 47 48 49 50 51 52 53 54	E1.0 E1.1 E1.2 E2.0 E2.1 E2.2 E2.3 E2.4 E2.5 E3.0	GENERAL NOTES & SYMBOLS ONE LINE DIAGRAM PANEL SCHEDULES GROUND FLOOR POWER PLAN FIRST FLOOR POWER PLAN MEZZANINE POWER PLAN SECOND FLOOR POWER PLAN COMMUNITY ROOM HVAC POWER PLAN ROOF POWER PLAN SITE LIGHTING PLAN		0 0 0 0 0	
44 45 46 47 48 49 50 51 51 52 53 54 55	E1.0 E1.1 E1.2 E2.0 E2.1 E2.2 E2.3 E2.4 E2.5 E3.0 E3.1	GENERAL NOTES & SYMBOLS ONE LINE DIAGRAM PANEL SCHEDULES GROUND FLOOR POWER PLAN FIRST FLOOR POWER PLAN MEZZANINE POWER PLAN SECOND FLOOR POWER PLAN COMMUNITY ROOM HVAC POWER PLAN ROOF POWER PLAN SITE LIGHTING PLAN GROUND FLOOR LIGHTING PLAN			
44 45 46 47 48 49 50 51 52 53 54	E1.0 E1.1 E1.2 E2.0 E2.1 E2.2 E2.3 E2.4 E2.5 E3.0 E3.1 E3.2	GENERAL NOTES & SYMBOLS ONE LINE DIAGRAM PANEL SCHEDULES GROUND FLOOR POWER PLAN FIRST FLOOR POWER PLAN MEZZANINE POWER PLAN SECOND FLOOR POWER PLAN COMMUNITY ROOM HVAC POWER PLAN ROOF POWER PLAN SITE LIGHTING PLAN GROUND FLOOR LIGHTING PLAN FIRST FLOOR LIGHTING PLAN			
44 45 46 47 48 49 50 51 52 53 52 53 54 55 56 57	E1.0 E1.1 E1.2 E2.0 E2.1 E2.2 E2.3 E2.4 E2.4 E2.5 E3.0 E3.1 E3.2 E3.3	GENERAL NOTES & SYMBOLS ONE LINE DIAGRAM PANEL SCHEDULES GROUND FLOOR POWER PLAN FIRST FLOOR POWER PLAN MEZZANINE POWER PLAN SECOND FLOOR POWER PLAN COMMUNITY ROOM HVAC POWER PLAN ROOF POWER PLAN SITE LIGHTING PLAN GROUND FLOOR LIGHTING PLAN FIRST FLOOR LIGHTING PLAN MEZZANINE LIGHTING PLAN			
44 45 46 47 48 49 50 51 52 53 54 55 56	E1.0 E1.1 E1.2 E2.0 E2.1 E2.2 E2.3 E2.4 E2.5 E3.0 E3.1 E3.2	GENERAL NOTES & SYMBOLS ONE LINE DIAGRAM PANEL SCHEDULES GROUND FLOOR POWER PLAN FIRST FLOOR POWER PLAN MEZZANINE POWER PLAN SECOND FLOOR POWER PLAN COMMUNITY ROOM HVAC POWER PLAN ROOF POWER PLAN SITE LIGHTING PLAN GROUND FLOOR LIGHTING PLAN FIRST FLOOR LIGHTING PLAN			
44 45 46 47 48 49 50 51 52 53 52 53 54 55 56 57 58	E1.0 E1.1 E1.2 E2.0 E2.1 E2.2 E2.3 E2.4 E2.5 E3.0 E3.1 E3.2 E3.3 E3.4	GENERAL NOTES & SYMBOLS ONE LINE DIAGRAM PANEL SCHEDULES GROUND FLOOR POWER PLAN FIRST FLOOR POWER PLAN MEZZANINE POWER PLAN SECOND FLOOR POWER PLAN COMMUNITY ROOM HVAC POWER PLAN ROOF POWER PLAN SITE LIGHTING PLAN SITE LIGHTING PLAN FIRST FLOOR LIGHTING PLAN MEZZANINE LIGHTING PLAN SECOND FLOOR LIGHTING PLAN TITLE 24			
44 45 46 47 48 49 50 51 52 53 52 53 54 55 56 57 58 59	E1.0 E1.1 E1.2 E2.0 E2.1 E2.2 E2.3 E2.4 E2.5 E3.0 E3.1 E3.2 E3.3 E3.4 E3.4 E4.0	GENERAL NOTES & SYMBOLS ONE LINE DIAGRAM PANEL SCHEDULES GROUND FLOOR POWER PLAN FIRST FLOOR POWER PLAN MEZZANINE POWER PLAN SECOND FLOOR POWER PLAN COMMUNITY ROOM HVAC POWER PLAN ROOF POWER PLAN SITE LIGHTING PLAN SITE LIGHTING PLAN GROUND FLOOR LIGHTING PLAN FIRST FLOOR LIGHTING PLAN MEZZANINE LIGHTING PLAN SECOND FLOOR LIGHTING PLAN TITLE 24			
44 45 46 47 48 49 50 51 52 53 54 55 54 55 56 57 58	E1.0 E1.1 E1.2 E2.0 E2.1 E2.2 E2.3 E2.4 E2.5 E3.0 E3.1 E3.2 E3.3 E3.4	GENERAL NOTES & SYMBOLS ONE LINE DIAGRAM PANEL SCHEDULES GROUND FLOOR POWER PLAN FIRST FLOOR POWER PLAN MEZZANINE POWER PLAN SECOND FLOOR POWER PLAN COMMUNITY ROOM HVAC POWER PLAN ROOF POWER PLAN SITE LIGHTING PLAN SITE LIGHTING PLAN FIRST FLOOR LIGHTING PLAN MEZZANINE LIGHTING PLAN SECOND FLOOR LIGHTING PLAN TITLE 24			

1629 Telegraph Avenue

Oakland, CA 94612

Tel 510 272 0654

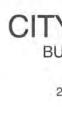
PER OAKLAND MUNICIPAL CODE 13.08,600 (B), TESTING AND INSPECTION OF BUILDING SEWERS ARE REQUIR THE CITY OF OAKLAND HAS TESTED THE OAKLAND MAIN LIBRARY SEWER LATERAL AND IT FAILED TO MEET CURRENT MUNICIPAL CODE STANDARDS AND MUST BE REPLACED. G.C. SHALL OBTAIN ALL REQUIRED PERMIT PERFORM ALL NECESSARY 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.

ADDITIVE BID ITEMS

ALTERNATE BID SCOPE OF WORK AS SHOWN ON THE BID DOCUMENTS

ARCHITECTS

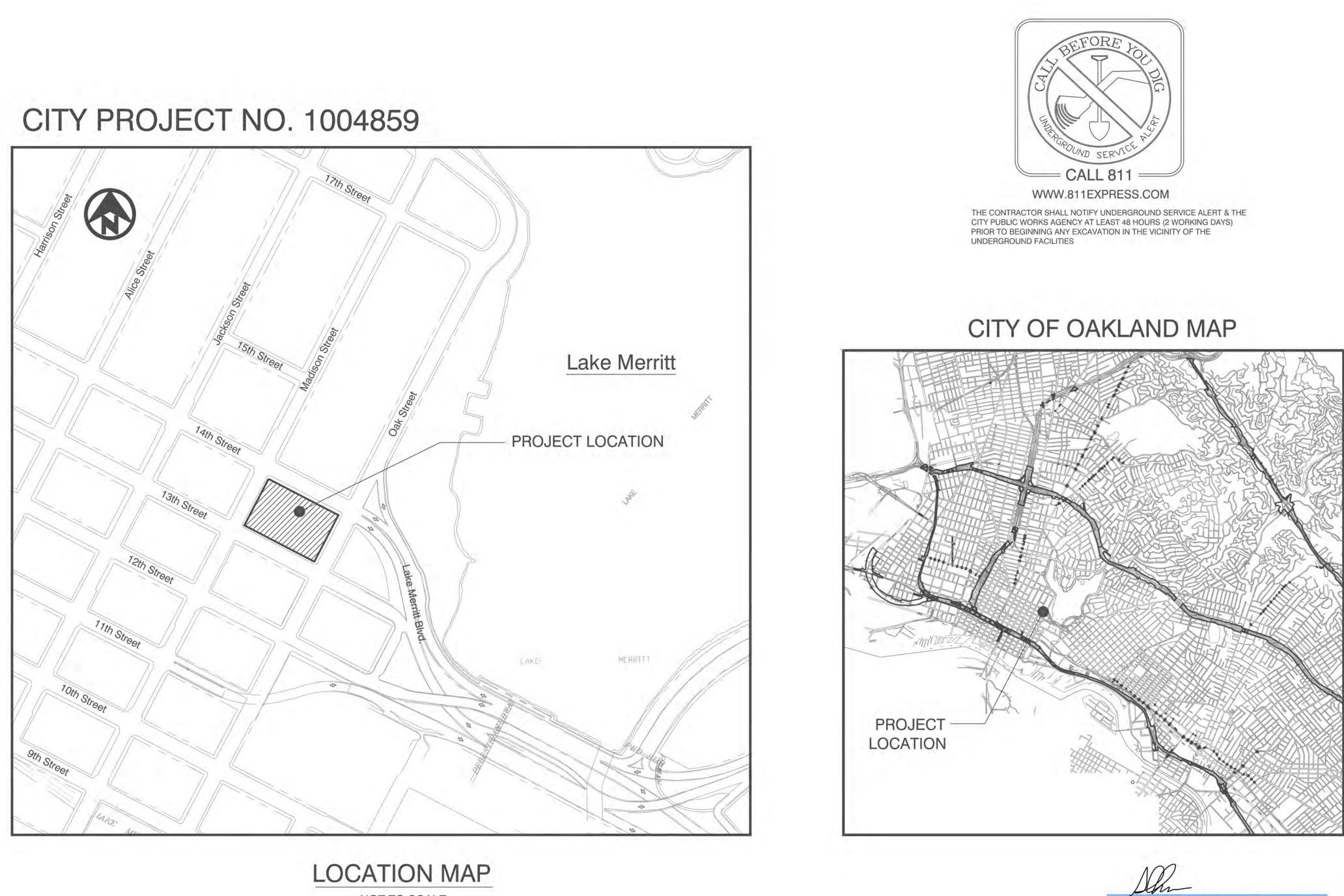




BUILDING SEWER INSPECTION & PERMIT

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

OAKLAND MAIN LIBRARY **INFRASTRUCTURE IMPROVEMENTS** (PROJECT #1004859) 125 14TH STREET, OAKLAND, CA



NOT TO SCALE

LIMITS OF WORK

CITY OF OAKLAND BUREAU OF DESIGN AND CONSTRUCTION 250 FRANK H. OGAWA PLAZA **SUITE 4314** OAKLAND, CA 94612 (510) 238-3546 FAX (510) 238-7227

OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

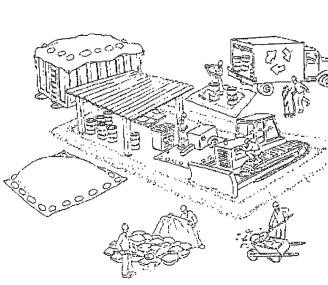
FUNDED BY: **MEASURE KK**

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

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

and the second second	KATHLEEN ROUSSEAU	No.	DATE	BY	REFERENCE	· · · · · · · · · · · · · · · · · · ·
SED ARCH		1	02.17.23	RPR	ISSUED FOR BID	TITLE SHEET
SE C MARKEN	RCE NO. <u>C19081</u> EXP. <u>06.23</u>					
Exp. 6/23	CHECKED BY AWC/KAR					
Exp. 6/23	DESIGNED BY AWC/KAR					
	DRAWN BY AWC					

Project & Grant Management Division, **OPW-BDC** E. Med CIP COORDINATOR Project & Grant Management Division, **OPW-BDC** Nguyen SUPERVISOR Project & Grant Management Division, **OPW-BDC** Denne home DIVISION MANAGER ADA Programs, OakDOT Anh Nguye **DIVISION MANAGER** Facilities Services Division, OPW-BMIS · Den Me DIVISION MANAGER Facilities Services Division, OPW-BMIS hard Battersby (ASSISTANT DIRECTOR Oakland Public Library Ant DIRECTOR **Construction Management** Da 200 (1012, 2023 10:31 PDT) DIVISION MANAGER PROJECT NO. C1004859 SCALE: NOTED SHEET NO. HOR: T1.1 VERT: 1 OF 62 DATE: 02.17.23



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.



1629 Telegraph Avenue Oakland, CA 94612 Tel 510 272 0654

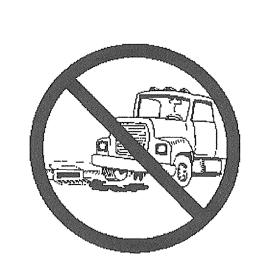




Pollution Prevention - It's Part of the Plan

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.



Earthwork & contaminated soils

Vehicle and equipment

✓ Inspect vehicles and equipment for leaks

frequently. Use drip pans to catch leaks

✓ Fuel and maintain vehicles on site only

in a bermed area or over a drip pan that

If you must clean vehicles or equipment

until repairs are made; repair leaks

is big enough to prevent runoff.

on site, clean with water only in a

rinse water to run into gutters, streets,

Do not clean vehicles or equipment

on-site using soaps, solvents, degreasers,

bermed area that will not allow

steam cleaning equipment, etc.

storm drains, or creeks.

promptly.

maintenance & cleaning

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.

✓ 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.

✓ 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.

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

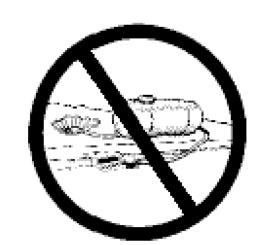


Storm drain polluters may be liable for fines of \$10,000 or more per day!

CITY OF OAKLAND 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



- 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 beers. ✓ 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 of 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

No.

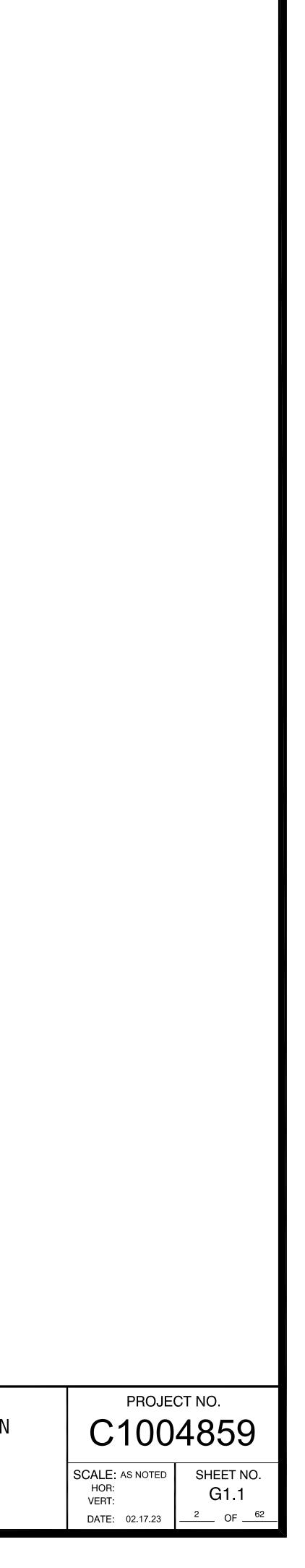
Contain, cover, and store on pallets all stockpiled landscape materials (mulch, compost, fertilizers, etc.) during wet weather or when rain is forecasted or when not actively being used within 14 days. ✓ Discontinue the application of any erodible landscape material within 2 days of forecasted rain and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



KATHLEEN ROUSEAU	
RCE NO. C19081	EXP. 06.23
CHECKED BY	AWC / KAF
	AVVC / NAF
DESIGNED BY	
	AWC / KAF
DRAWN BY	A) A / C

DATE BY REFERENCE 02.17.23 RPR ISSUED FOR BID

POLLUTION PREVENTION









OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

	GE	NERAL	NOTES		AB	BREV	'IATION	NS			DRAWING TAG
	1.	THE OWNER/S	IALL CONFORM TO THE CONTRACT DOCUM SUBCONTRACTOR AGREEMENT, GENERAL NS, DRAWINGS, AND ALL ADDENDA AND M ITECT.	CONDITIONS,	A/C ACO ADD A.F.F ALUI	-	ACO ADD ABO	Conditionii Ustical Itional Ve finish fi Minum			##
	2.	DIMENSIONS A BUILDABLE AS	CTOR SHALL REVIEW ALL DOCUMENTS AND AND FIELD CONDITIONS AND SHALL CONFIF S SHOWN. ANY CONFLICTS OR OMISSIONS TREPORTED TO THE ARCHITECT FOR CLARI	RM THAT WORK IS , ETC., SHALL BE	ARC BLD BOT	H. G.	ARC	HITECTURA	_		(##) /#
	3.	IN CASE OF CO DRAWINGS IN	/ANCE OF ANY WORK IN QUESTION. ONFLICT BETWEEN ARCHITECTS AND DESIG I LOCATING MATERIALS/EQUIPMENT, THE A HALL GOVERN.		CLG. CLO. CLR. CMU COL	J		SET	ONRY UNIT		
	4.	CONTRACTOR	SHALL COORDINATE WITH OWNER THE SC COMPANY AND DATA INSTALLATIONS.	CHEDULE FOR ALL	CON CON CON	C. F.	CON CON	CRETE FERENCE TINUOUS			
	5.	ALL WORK PE	RFORMED ON A NON-REGULAR BUSINESS	HOURS	C.T. D.B.		DESI		UNDER SEPARATE PERMIT		· · · · · · · · · · · · · · · · · · ·
	6.	DETERMINED REMOVED WH CONSTRUCTIC ONLY AFTER C CONSTRUCTIC	SHALL NOTIFY OWNER IMMEDIATELY OF A IN COURSE OF CONSTRUCTION AS BEING N IICH HAVE NOT OTHERWISE BEEN NOTED FO ON DOCUMENTS. CONTRACTOR SHALL REI CONSULTATION WITH OWNER. WHETHER P ON DOCUMENTS OR DETERMINED LATER IN	IECESSARY TO BE OR REMOVAL IN THE MOVE SUCH UTILITIES REDETERMINED IN THE FIELD, DISCONNECT,	DET. D.F. DIA. DIM. DN. DWG EA.	à.	DIAN Dimi DOW DRA EACI	iking foun Aeter Ension /n Wing H	TAIN		### ### ###
	7.		SOURCE, AND CAP ALL UTILITY SERVICES		ELEC ELE\ EQ. EQU	Ι.	ELE\ EQU	CTRICAL /ATION AL IPMENT			
	8.	"TYPICAL" OR FOR SIMILAR ("TYP" SHALL MEAN THAT THE CONDITION I CONDITIONS THROUGHOUT, UNLESS OTHE USUALLY KEYED AND NOTED "TYP" ONLY O	RWISE NOTED.	(E) (E) F.E.C F.F. F.H.().	exis exte fire finis	ting Frior	HER CABINET		### ###
	9.	"SIMILAR" ME	ANS COMPARABLE CHARACTERISTICS FOR FY DIMENSIONS AND ORIENTATION ON PLAI		FIN. F.P. F.R.F		FINIS FIRE	SHED PROTECTIC			EL. ELEVATION
	10.	WORK AREAS	ARE TO REMAIN SECURE AND LOCKABLE I	DURING CONSTRUCTION.	FT. FTG. GA.		FOO ⁻ FOO ⁻ GAU				## TITLE
	11.	ALL CODES, L AUTHORITIES	TRACTOR SHALL COORDINATE ALL INSPEC AWS, ORDINANCES, RULES, AND REGULAT (FEDERAL, STATE, OR LOCAL) GOVERNING ENT SHALL APPLY.	IONS OF ALL PUBLIC	GAL GYP HGT H.M.	. BD.	GAL' GYP: HEIG	vanized Sum Boare			
	12.	THE CONTRAC	CT DOCUMENTS ARE COMPLEMENTARY, W O ON ANY SHALL BE PROVIDED AS THOUGH		INSU INT.			ilation Rior			
	13.	ARCHITECT FO	NS, REVISIONS, OR CHANGES MUST BE SUE OR REVIEW (IN CONFORMANCE WITH SPEC RCHASE, FABRICATION OR INSTALLATION.		JAN. JT. MAX M.D.			t Imum	Y FIBERBOARD		
	14. 15.	ALL EXITS, EX Conformanc	CTOR SHALL MAINTAIN FOR THE ENTIRE DU IT LIGHTING, FIRE PROTECTIVE DEVICES AN CE WITH ALL APPLICABLE CODES AND ORD HALL BE COORDINATED WITH THE OWNER I	ID ALARMS IN INANCES.	M.D. MEC MET MFR MIN.	Ή.	MEC MET MAN	HANICAL			
	10.	SCHEDULING BUILDING FAC	TIME AND LOCATIONS FOR DELIVERIES, BU CILITIES, USE OF ELEVATORS, ETC. DURING IUM DISTURBANCE OF BUILDING FUNCTION	ILDING ACCESS, ALL PHASES OF	(N) N.I.C NO. 0.C.		NUN	IN CONTRA	СТ		
	16.	ANY DAMAGE OCCURS SHAL	F WORK AND ADJACENT AREAS SHALL BE THAT OCCURS BECAUSE OF THIS WORK. LL BE THE FINANCIAL RESPONSIBILITY OF T	ANY DAMAGE THAT HE CONTRACTOR.	O.F.(PGB P.LA PLYV	C.I. M.	OWN PAIN PLAS				
	17.	applied, inst Per Manufac The Manufac	CTURED ARTICLES, MATERIALS AND EQUIP TALLED, CONNECTED, ERECTED, CLEANED CTURER'S INSTRUCTIONS. IN CASE OF DIFF CTURER'S INSTRUCTIONS AND THE CONTR/ SHALL NOTIFY THE ARCHITECT BEFORE PF	AND CONDITIONED ERENCES BETWEEN ACT DOCUMENTS, THE	PR. RAD REF. REQ		REQ	ius Erence Uired			
	18.	or under se This "other"	DTED "BY OTHERS" OR "NIC" SHALL BE PRO PARATE CONTRACT. INCLUDE SCHEDULE WORK IN CONSTRUCTION PROGRESS SCH AS REQUIRED TO ASSURE ORDERLY SEQUE N.	REQUIREMENTS FOR IEDULE AND	RESI RM. S.C.V SCH SHT.	W. ED.	ROO SOLI SCH SHEI	ID CORE WC EDULE ET	IOD		
	19.		ANDARD MATERIALS REMOVED AND/OR UN) BUILDING STOCK AS DIRECTED BY OWNER		SIM. SPE(S.S.I STL.	C. D.		CIFICATIONS STRUCTUR/	al Drawings		
	20.	HAZARDOUS M MATERIALS AI ISOLATE THE A	CT SHALL NOT BE HELD LIABLE FOR ANY A MATERIALS ON THE JOBSITE. IF ASBESTOS RE DISCOVERED DURING CONSTRUCTION T AFFECTED AREA AND CONTACT THE OWNE S BEFORE PROCEEDING.	OR OTHER HAZARDOUS HE CONTRACTOR SHALL	STRI SYM T.O. TYP.	UC.	STR	UCTURAL METRICAL OF			
	21.	COMPLY WITH REGULATIONS	HAPPLICABLE LOCAL, STATE, AND FEDERA S PERTAINING TO SAFETY OF PERSONS, PRO TAL PROTECTION.		U.O. V.C. ⁻ V.I.F	T.	VINY	ess other ⁱ 'l composi 'fy in field	WISE NOTED TION TILE		
	22.	RUBBISH, ANE TIONS. BURN	M SITE AND LEGALLY DISPOSE OF DAILY AL D OTHER MATERIALS RESULTING FROM DEI ING OF DEBRIS ON SITE SHALL NOT BE PEF	MOLITION OPERA- RMITTED.	W/ W/O WDV		WITH WITH WINI	HOUT			
	23. 24.	LEAVE CONTR ACCEPTABLE	LS AND EQUIPMENT FROM SITE UPON COM ACT AREAS AND SITE CLEAN, ORDERLY, A FOR NEW OR OTHER CONSTRUCTION. TO COORDINATE INTERFACE BETWEEN (E)	ND IN A CONDITION							
	24.	& (N) LIGHTIN CONTRACTOR & PROVIDE CII	IG CONTROL PANELS. R MUST TRACE & MAP (E) LIGHTING POWER RCUIT ROUTING MAP OF (E) CONDITIONS T	R CIRCUITS IN AREAS OF WORK							
	26.	CONTRACTOR SHELVES & FL	IOR TO THE COMMENCEMENT OF WORK. TO SUBMIT A MOVE PLAN TO RELOCATE A JRNITURE DURING WORK IN READING ROOI T & LIBRARY STAFF PRIOR TO COMMENCEM	VIS FOR REVIEW & APPROVAL							
	27.		TO SUBMIT CONSTRUCTION PHASING PLA ENT OF WORK FOR APPROVAL BY LIBRARY								
	28.		URES NOT SHOWN ON REFLECTED CEILING FURES ARE SHOWN.	PLANS FOR CLARITY - ONLY							
	29. 30.	CONTRACTOR INTERIOR & E>	CHEDULE ON SHEET A7.1 FOR CEILING PAIN TO PROVIDE ROUTING DIAGRAMS ON 30X4 XTERIOR SURFACE MOUNTED CONDUIT FOR	42 Paper of all proposed Review & Approval by							
	31.	ELECTRICAL D SCHEDULES & NO DIAGONAL	& CITY OF OAKLAND PRIOR TO COMMENCE DRAWINGS FOR CIRCUITING INFORMATION, & LIGHTING CONTROL PANELS. ALSO SEE G . CONDUIT HOMERUNS. ALL SURFACE MOU	ELECTRICAL PANEL ENERAL NOTE #25. NTED CONDUIT SHALL BE							
		MAINTAIN A S	I A RECTILINEAR MANNER TO MINIMIZE VIS IMPLE, EFFICIENT INSTALLATION. SEE GENI	ERAL NOTE #30.							
	32.	EXISTING WOO DAMAGE TO E REPLACED TO	R TO USE CARE WHEN INSTALLING ELECTRI OD PANELING & SHALL PROTECT ALL EXIST EXISTING LIBRARY FINISHES DURING CONST MATCH EXISTING.	TING LIBRARY FINISHES. ANY RUCTION SHALL BE REPAIRED (
	33.		TO SEAL ALL PENETRATIONS AT AREAS O ATION SECTION 07-90-00 JOINT SEALANTS		6						
NT	S		ELEN A. ROLL		06.23	No.	DATE 02.17.23	BY RPR	REFERENCE ISSUED FOR BID		RAL NOTES, TAGS 8 EVIATIONS
			NO. C19D81 Exp. 6/23	CHECKED BY DESIGNED BY	AWC / KAR AWC / KAR	<u> </u>				-	
			OF CALIF	DRAWN BY	AWC					-	

COLUMN TAG

KEY NOTE TAG

REVISION DELTA









DETAIL BUBBLE

SECTION CUT

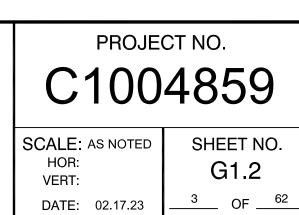
DETAIL CUT

EXTERIOR ELEVATION

ELEVATION DATUM

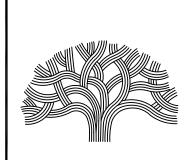
DRAWING TITLE TAG

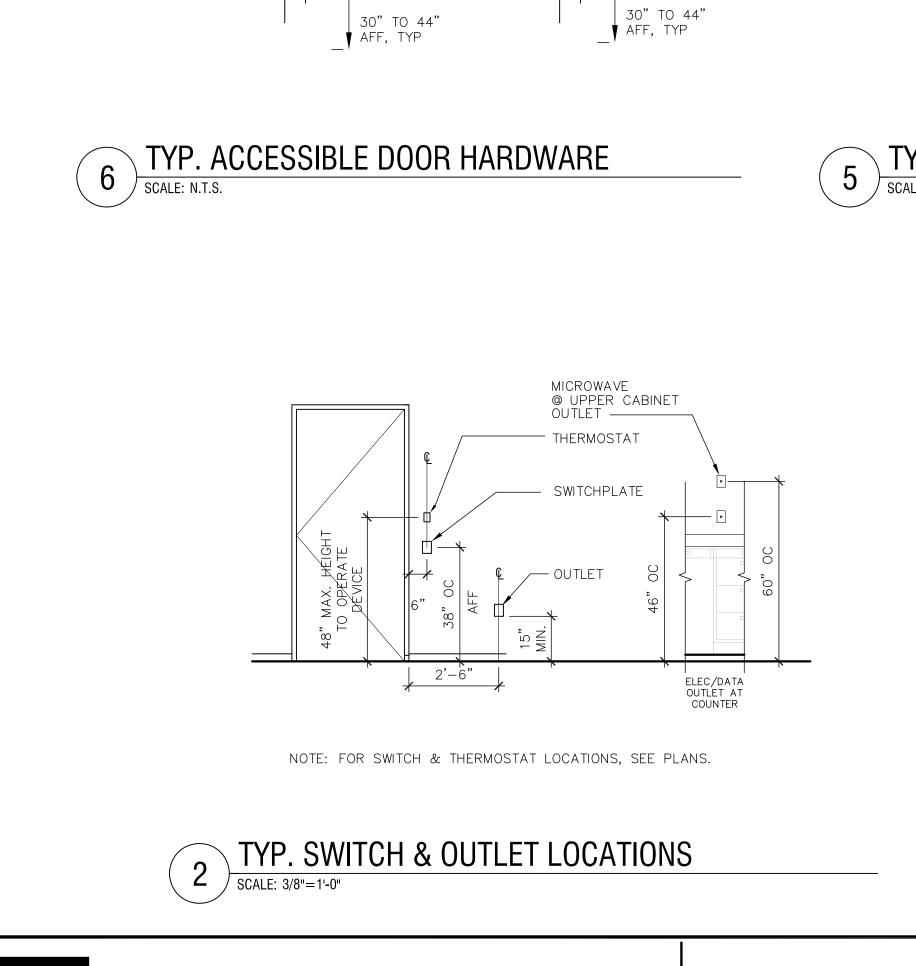
NORTH ARROW





LEVER





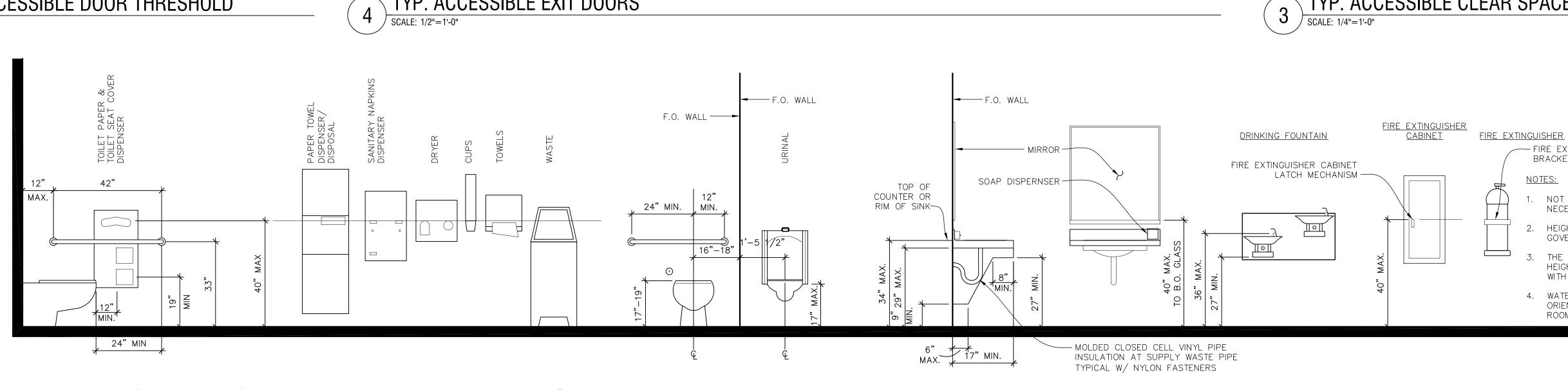
PUSH-PULL



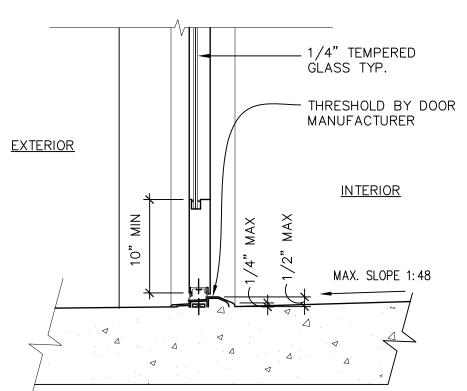
OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

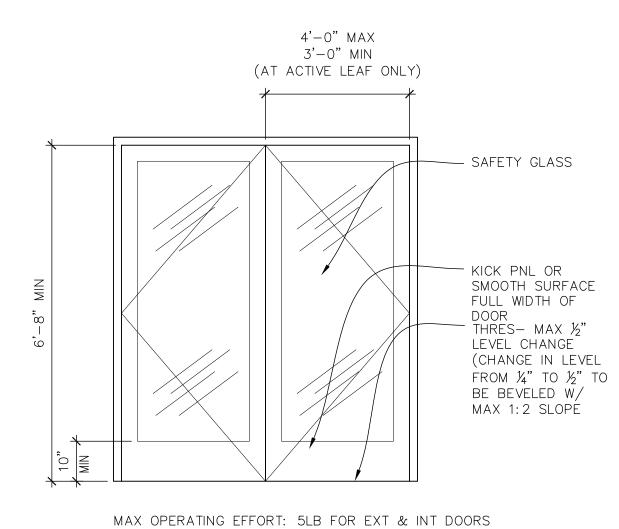
TYP. ADA ACCESSIBLE MOUNTING HEIGHTS SCALE: 1/2"=1'-0"

NOTE: OPERABLE PARTS (INCLUDING COIN SLOTS) OF ALL FIXTURES OR ACCESORIES ARE LOCATED A MAXIMUM OF 40" ABOVE FLOOR (i.e., SOAP DISPENSERS, TOWELS, TOILET SEAT COVERS, AUTO DRYERS, SANITARY NAPKIN DISPENSERS, WASTE RECEPTACLES, ECT.)



5 TYP. ACCESSIBLE DOOR THRESHOLD





TYP. ACCESSIBLE EXIT DOORS

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

ACCESSIBILITY CHECKLIST

Proj	ect A	Address: 125 14th St	eet, Oakland, CA 94612						
ALL	form	ns that are required to be	ompleted by this document	are required to	be reproduc	ed on	the pl	an se	t.
1	Dro	posed Use of the Project	Library		(e.g. Reta		Fice Rev	taura	nt etc \
2		scribe the area of remodel,	Building maintenance project including replace	cement of electrical panels	, lighting upgrades, ne	w boiler d	controls, flo	or cleanir	ng
•		luding which floor	throughout entire building, I.T. & building dat reading room among other spaces throughou Room, new ground floor conference room &	a improvements, new wind it the building, ceiling repa	low coverings, new HV Irs throughout the build	'AC unit li ilng, new	n basemen celling & li	t, painting ghting in	g of main Community
,			oject excluding disabled acc	ess upgrades to	the path of tr	aveli	is		
		,600,00 which is:	(check one) 🛛	More than	<u>i</u>	ess th			
	the	Accessibility Threshold an	ount of \$172,418.00 based o	n the "2021 EN	R Constructio	n Cos	t Index	"	
			(The cost index & threshold	are updated an	nually)				
	ls tł	his a City project and/or do	es it receive any form of pub	ic funding?	Check one	X	YES		NO
			documented by accompany						
			lly and check the most appli						
	A:		ing the area of remodel fully	comply with a	ccess requiren	nents			
		No further upgrades are	•						
	В:	Fill out page 2 of the Acco	t of construction is greater t	an the surrout	valuation thr	nahal	d.		
	Б.	Fill out page 2 of the Acce	÷	ian the current	valuation tine	eshon	u.		
]	C:		of construction is less than o	r equal to the c	urrent valuati	on th	reshold	3:	
			pgraded on the Accessibility	•					
		Accessibility Checklist. Al	items that will not be fully co	mpliant should	be checked o	n pag	ge 2 in	the "l	Vot
		required by code" colum							
ב	D:		sists entirely of Barrier remo	val:					
_	-	Fill out the Accessibility V						.	
	E:	The proposed project is a be used for new or additi	minor revision to previously nal work)	approved perm	it drawings or	nly. (N	lote: tr	nis sha	all NOT
		Provide the previously ap	proved permit application nu	mber here:					
		Description of the						-	
		revision:							
		r 2 section 202 Definitions:							
			uilding or a facility, that has litt or alteration of a load-bearing r						
			straints prohibit modification of		•	-		-	
			rements for new construction a	-		-			
			ng agency finds that complianc		-			specif	ic work
	-		dard infeasible, based on an ov	erall evaluation o	of the following	facto	rs:		
		of providing access. of all construction contempla	d						
1	cost c	oj uli construction contempla	a.						

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).

Z:\COUNTER\FORMS\Current Forms-Details\Accesibility Checklist January 2021 with Casp Notification (updated 2.10.2021). pdf

Project Address:								
Check all applicable boxes	s and sn	ecify whe	re on the d	rawings the	details are	shown		· · · · · · ·
Note: upgrades below are listed in priority based on CBC 11B-202.4, exception 8	Existing Fully Complying	Will be Up-graded to Full Compliance	Equivalent facilitation will provide full access	Compliance is Technically infeasible	Approved in compliance with immediately preceding code	Not required by Code (and/or none existing)	Non-compliant request UHR Must be ratified by AAC	Location of detail(s) - include detail no. & drawing sheet <u>(do not leave this part</u> <u>blank!).</u> Also clarification comments can be written here.
A. One accessible entrance including: approach walk, vertical access, platform (landings), door / gate and hardware for door/gate	X							See site plan on sheet 1/A1.1 for existing fully accessible ramp to main library entrance.
B. An accessible route to the area of remodel including:								Existing accessible curb ramps occur at the
Parking/access aisles and curb ramps							X	corners of 14th and Madison Streets and 14th and Oak Streets.
Curb ramps and walks	X							Existing fully accessible elevator exists in the main library lobby. See sheet A2.2 for public elevator location.
Corridors, hallways, floors	X							
Ramps elevators, lifts	X							
C. At least one accessible restroom for each sex or a single unisex restroom serving the area of remodel.							X	
D. Accessible public pay phone.							X	
E. Accessible drinking fountains.							X	
F. Additional accessible elements such as parking, stairways, storage, alarms and signage.							X	
See the requirements for additional forms listed below	1	2	3	4	5	6	7	

1. No additional forms required

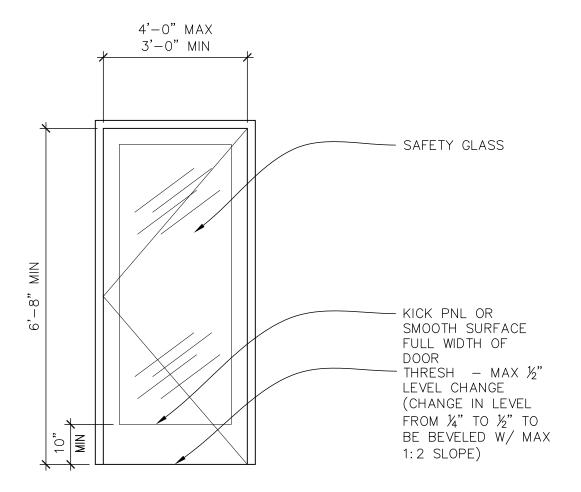
February 10, 2021

1

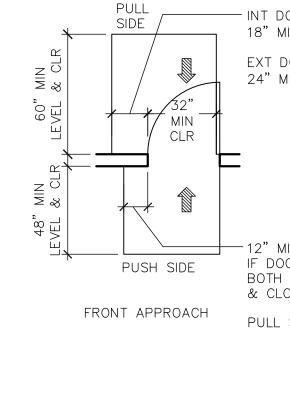
No additional forms required 3. Fill out the Accessibility Appeal Form, Equivalent Facilitation section for each item checked and attach to plan. 4. Fill out the Accessibility Appeal Form, Technical Infeasibility section for each item checked and attach to plans.

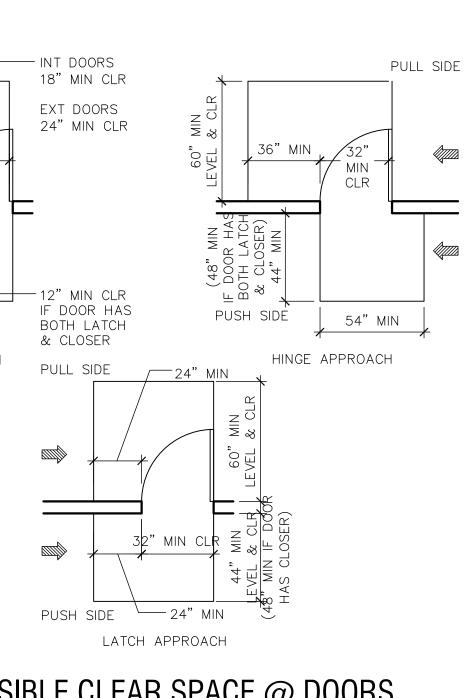
5. Provide details from a set of City approved reference drawings, provide its permit application number here: ____and list reference drawing number on plans. No additional forms required

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)



MAX OPERATING EFFORT: 5LB FOR EXT & INT DOORS







HO. C19D81 Exp. 6/23

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

TYPICAL ADA DETAILS & CITY ACCESSIBILITY FORMS

2

— FIRE EXTINGUISHER BRACKET LATCH MECHANISM

1.	NOT ALL FIXTURES/ACCESSORIES SHOWN NECESSARILY OCCUR IN THIS PROJECT.
2.	HEIGHTS NOTED ON INTERIOR ELEVATIONS GOVERN OVER THOSE SHOWN HERE.
3.	THE ITEMS IN THIS DETAIL ARE SHOWN AT HEIGHTS ACCESSIBLE TO ADULT PERSONS WITH DISABILITIES.
4.	WATER CLOSET FLUSH VALVE SHALL BE ORIENTED TO THE WIDE SIDE OF THE ROOM.



PROJECT NO.

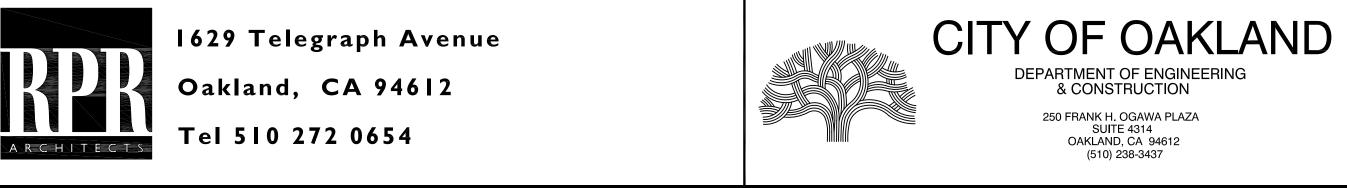
2019 CALIFORNIA GREEN BUILDING STANDAF NONRESIDENTIAL MANDATORY MEASURES, SHEET 1 (January 20

Y N/A RESPON. PARTY		T IN/A	A RESPON. PARTY			RESPON. PARTY	
	CHAPTER 3 GREEN BUILDING SECTION 301 GENERAL		5	5.106.2 STORMWATER POLLUTION PREVENTION FOR PROJECTS THAT DISTURB ONE OR MORE ACRES OF LAND. Comply with all lawfully enacted stormwater discharge regulations for projects that (1) disturb one acre or more of land, or (2) disturb less than one acre of land but are part of a larger common plan of development sale.			 Where there is a Where there is additional local u
	301.1 SCOPE. Buildings shall be designed to include the green building measures specified as mandatory in the application checklists contained in this code. Voluntary green building measures are also included in the application checklists and may be included in the design and construction of structures covered by this code,			Note: Projects that (1) disturb one acre or more of land, or (2) disturb less than one acre of land but are part of the larger common plan of development or sale must comply with the post-construction requirements detailed in the applicable National Pollutant Discharge Elimination System (NPDES) General permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities issued by the State Water Resources Control Board or the Lahontan Regional Water Quality Control Board (for projects in the Lake Tahoe Hydrologic Unit).			TABLE 5.106.5.3.3
	 but are not required unless adopted by a city, county, or city and county as specified in Section 101.7. 301.3 NONRESIDENTIAL ADDITIONS AND ALTERATIONS. [BSC-CG] The provisions of individual sections of Chapter 5 apply to newly constructed buildings, building additions of 1,000 square feet or greater, and/or building alterations with a permit valuation of \$200,000 or above (for occupancies within the authority of California Building Standards Commission). Code sections relevant to additions and alterations shall only apply to the portions of the building being added or altered within the scope of the 			The NPDES permits require postconstruction runoff (post-project hydrology) to match the preconstruction runoff (pre-project hydrology) with the installation of postconstruction stormwater management measures. The NPDES permits emphasize runoff reduction through on-site stormwater use, interception, evapotranspiration, and infiltration through nonstructural controls, such as Low Impact Development (LID) practices, and conversation design measures. Stormwater volume that cannot be addressed using nonstructural practices is required to be captured in structural practices and be approved by the enforcing agency.			TOTAL NUMBER OF PA 0-9 10-25 26-50
	permitted work. A code section will be designated by a banner to indicate where the code section only applies to newly constructed buildings [N] or to additions and/or alterations [A]. When the code section applies to both, no banner will be used.			Refer to the current applicable permits on the State Water Resources Control Board website at: www.waterboards.ca.gov/constructionstormwater. Consideration to the stormwater runoff management measures should be given during the initial design process for appropriate integration into site development.			51-75 76-100
	301.3.1 Nonresidential additions and alterations that cause updates to plumbing fixtures only:		5	5.106.4 BICYCLE PARKING. For buildings within the authority of California Building Standards Commission as			101-150 151-200
	Note: On and after January 1, 2014, certain commercial real property, as defined in Civil Code Section 1101.3, shall have its noncompliant plumbing fixtures replaced with appropriate water-conserving plumbing fixtures under specific circumstances. See Civil Code Section 1101.1 <i>et seq.</i> for definitions, types of commercial real property affected, effective dates, circumstances necessitating			 specified in Section 103, comply with Section 5.106.4.1. For buildings within the authority of the Division of the State Architect pursuant to Section 105, comply with Section 5.106.4.2 5.106.4.1 Bicycle parking. [BSC-CG] Comply with Sections 5.106.4.1.1 and 5.106.4.1.2; or meet the applicable local ordinance, whichever is stricter. 			201 AND OV 1. Calculation for spaces 5.106.5.3.4 [N] Identifica
	replacement of noncompliant plumbing fixtures, and duties and responsibilities for ensuring compliance. 301.3.2 Waste Diversion. The requirements of Section 5.408 shall be required for additions and alterations whenever a permit is required for work.			5.106.4.1.1 Short-term bicycle parking. If the new project or an addition or alteration is anticipated to generate visitor traffic, provide permanently anchored bicycle racks within 200 feet of the visitors' entrance, readily visible to passers-by, for 5% of new visitor motorized vehicle parking spaces being added, with a minimum of one two-bike capacity rack.			reserved overcurrent prote termination location shall 5.106.5.3.5 [N] Future cha
	301.4 PUBLIC SCHOOLS AND COMMUNITY COLLEGES. (see GBSC) 301.5 HEALTH FACILITIES. (see GBSC)			Exception: Additions or alterations which add nine or less visitor vehicular parking spaces.			Designated parking for cle
	SECTION 302 MIXED OCCUPANCY BUILDINGS 302.1 MIXED OCCUPANCY BUILDINGS. In mixed occupancy buildings, each portion of a building shall comply with the specific green building measures applicable to each specific occupancy.			tenant-occupants, provide secure bicycle parking for 5 percent of the tenant-occupant vehicular parking spaces with a minimum of one bicycle parking facility. 5.106.4.1.3 For additions or alterations that add 10 or more tenant-occupant vehicular parking spaces,	X□		5.106.8 LIGHT POLLUTION REDUCT with the following: 1. The minimum requirements in Section 10-114 of the Californ
	SECTION 303 PHASED PROJECTS			provide secure bicycle parking for 5 percent of the tenant vehicular parking spaces being added, with a minimum of one bicycle parking facility.			 Backlight (B) ratings as define Uplight and Glare ratings as d
	303.1 PHASED PROJECTS. For shell buildings and others constructed for future tenant improvements, only those code measures relevant to the building components and systems considered to be new			5.106.4.1.4 For new shell buildings in phased projects provide secure bicycle parking for 5 percent of the anticipated tenant-occupant vehicular parking spaces with a minimum of one bicycle parking facility.			Chapter 8) and 4. Allowable BUG ratings not exc lawfully enacted pursuant to S
	construction (or newly constructed) shall apply.			5.106.4.1.5 Acceptable bicycle parking facility for Sections 5.106.4.1.2, 5.106.4.1.3, and 5.106.4.1.4 shall be convenient from the street and shall meet one of the following:			Exceptions: [N]
	303.1.1 Initial Tenant improvements. The provisions of this code shall apply only to the initial tenant improvements to a project. Subsequent tenant improvements shall comply with the scoping provisions in Section 301.3 non-residential additions and alterations.			 Covered, lockable enclosures with permanently anchored racks for bicycles; Lockable bicycle rooms with permanently anchored racks; or Lockable, permanently anchored bicycle lockers. 			 Luminaires that qualify Emergency lighting. Building facade meetin Custom lighting feature Alternate materials, designed
	HCD Department of Housing and Community Development BSC California Building Standards Commission DSA-SS Division of the State Architect, Structural Safety			Note: Additional information on recommended bicycle accommodations may be obtained from Sacramento Area Bicycle Advocates.			Note: [N] 1. See also California Buil
	OSHPD Office of Statewide Health Planning and Development LR Low Rise HR High Rise			5.106.4.2 Bicycle parking. [DSA-SS] For public schools and community colleges, comply with Sections 5.106.4.2.1 and 5.106.4.2.2			requirements for parking 2. Refer to Chapter 8 (Cor
	AA Additions and Alterations N New CHAPTER 5			 5.106.4.2.1 Student bicycle parking. Provide permanently anchored bicycle racks conveniently accessed with a minimum of four two-bike capacity racks per new building. 5.106.4.2.2 Staff bicycle parking. Provide permanent, secure bicycle parking conveniently accessed with a minimum of two staff bicycle parking spaces per new building. Acceptable bicycle parking facilities shall be convenient from the street or staff parking area and shall meet one of the following: 			A-1, California Energy C 3. Refer to the California E
	NONRESIDENTIAL MANDATORY MEASURES			1. Covered, lockable enclosures with permanently anchored racks for bicycles;			TABLE 5.106.8 [N] MAXIM AND GLARE (BUG) RATING
	DIVISION 5.1 PLANNING AND DESIGN			 Lockable bicycle rooms with permanently anchored racks; or Lockable, permanently anchored bicycle lockers. 			ALLOWABLE RATING
	SECTION 5.101 GENERAL 5.101.1 SCOPE The provisions of this chapter outline planning, design and development methods that include environmentally responsible site selection, building design, building siting and development to protect, restore and enhance the environmental quality of the site and respect the integrity of adjacent properties.			5.106.5.2 DESIGNATED PARKING FOR CLEAN AIR VEHICLES. In new projects or additions or alterations that add 10 or more vehicular parking spaces, provide designated parking for any combination of low-emitting, fuel-efficient and carpool/van pool vehicles as follows:			MAXIMUM ALLOWABLE BACKLIGHT RATING 3 Luminaire greater than 2
	SECTION 5.102 DEFINITIONS 5.102.1 DEFINITIONS The following terms are defined in Chapter 2 (and are included here for reference)			TABLE 5.106.5.2 - PARKING TOTAL NUMBER OF PARKING SPACES NUMBER OF REQUIRED SPACES 0-9 0			mounting heights (MH) from property line Luminaire back hemisphere is 1-2 MH from property line
	CUTOFF LUMINAIRES. Luminaires whose light distribution is such that the candela per 1000 lamp lumens does not numerically exceed 25 (2.5 percent) at an angle of 90 degrees above nadir, and 100 (10 percent) at a vertical angle of 80 degrees above nadir. This applies to all lateral angles around the luminaire.			10-25 1 25-50 3 51-75 6			Luminaire back hemisphere is 0.5-1 MH from property line Luminaire back hemisphere is
	LOW-EMITTING AND FUEL EFFICIENT VEHICLES. Eligible vehicles are limited to the following:			76-100 8			less than 0.5 MH from property line
	 Zero emission vehicle (ZEV), including neighborhood electric vehicles (NEV), partial zero emission vehicle (PZEV), advanced technology PZEV (AT ZEV) or CNG fueled (original equipment manufacturer only) regulated under Health and Safety Code section 43800 and CCR, Title 13, Sections 1961 and 1962. High-efficiency vehicles, regulated by U.S. EPA, bearing High-Occupancy Vehicle (HOV) car pool lane 			101-150 11 151-200 16 201 AND OVER AT LEAST 8% OF TOTAL			MAXIMUM ALLOWABLE UPLIGHT RATING (U) For area lighting 4
	stickers issued by the Department of Motor Vehicles. NEIGHBORHOOD ELECTRIC VEHICLE (NEV). A motor vehicle that meets the definition of "low-speed vehicle" either in Section 385.5 of the Vehicle Code or in 49CFR571.500 (as it existed on July 1, 2000), and is certified to zero-emission vehicle standards.			5.106.5.2.1 - Parking stall marking. Paint, in the paint used for stall striping, the following characters such that the lower edge of the last word aligns with the end of the stall striping and is visible beneath a parked vehicle: CLEAN AIR / VAN POOL / EV			For all other outdoor lighting,including decorative luminaires MAXIMUM ALLOWABLE
	TENANT-OCCUPANTS. Building occupants who inhabit a building during its normal hours of operation as permanent occupants, such as employees, as distinguished from customers and other transient visitors.			Note: Vehicles bearing Clean Air Vehicle stickers from expired HOV lane programs may be considered eligible for designated parking spaces.			GLARE RATING (G) Luminaire greater than 2 MH from property line
	VANPOOL VEHICLE. Eligible vehicles are limited to any motor vehicle, other than a motortruck or truck tractor, designed for carrying more than 10 but not more than 15 persons including the driver, which is maintained and used primarily for the nonprofit work-related transportation of adults for the purpose of ridesharing. Note: Source: Vehicle Code, Division 1, Section 668			5.106.5.3 Electric vehicle (EV) charging. [N] Construction shall comply with Section 5.106.5.3.1 or Section 5.106.5.3.2 to facilitate future installation of electric vehicle supply equipment (EVSE). When EVSE(s) is/are installed, it shall be in accordance with the <i>California Building Code</i> , the <i>California Electrical Code</i> and as follows:			Luminaire front hemisphere is 1-2 MH from property line Luminaire front hemisphere is 0.5-1 MH from property line
	ZEV. Any vehicle certified to zero-emission standards. SECTION 5.106 SITE DEVELOPMENT			5.106.5.3.1 Single charging space requirements. [N] When only a single charging space is required per Table 5.106.5.3.3, a raceway is required to be installed at the time of construction			Luminaire back hemisphere is less than 0.5 MH from property
×	5.106.1 STORM WATER POLLUTION PREVENTION FOR PROJECTS THAT DISTURB LESS THAN ONE ACRE OF LAND. Newly constructed projects and additions which disturb less than one acre of land, and are not part of a larger common plan of development or sale, shall prevent the pollution of storm water runoff from the construction activities through one or more of the following measures:			and shall be installed in accordance with the <i>California Electrical Code</i> . Construction plans and specifications shall include, but are not limited to, the following: 1. The type and location of the EVSE.			I. IESNA Lighting Zones 0 and 5 are California Energy Code and Chapter 1 2. For preparty lines that shut public.
	5.106.1.1 Local ordinance. Comply with a lawfully enacted storm water management and/or erosion control			 A listed raceway capable of accommodating a 208/240 -volt dedicated branch circuit. The raceway shall not be less than trade size 1". The raceway shall originate at a service panel or a subpanel serving the area, and shall 			 For property lines that abut public v line may be considered to be 5 feet be compliance with this section. For prop
	ordinance. 5.106.1.2 Best Management Practices (BMPs). Prevent the loss of soil through wind or water erosion by			terminate in close proximity to the proposed location of the charging equipment and listed suitable cabinet, box, enclosure or equivalent.			corridors, the property line may be cor transit corridor for the purpose of dete
	implementing an effective combination of erosion and sediment control and good housekeeping BMPs. 1. Soil loss BMPs that should be considered for implementation as appropriate for each project include,			 The service panel or subpanel shall have sufficient capacity to accommodate a minimum 40-ampere dedicated branch circuit for the future installation of the EVSE. 			If the nearest property line is less the hemisphere of the luminaire distribution
	 but are not limited to, the following: a. Scheduling construction activity during dry weather, when possible. b. Preservation of natural features, vegetation, soil, and buffers around surface waters. c. Drainage swales or lined ditches to control stormwater flow. d. Mulching or hydroseeding to stabilize disturbed soils. 			5.106.5.3.2 Multiple charging space requirements. [N] When multiple charging spaces are required per Table 5.106.5.3.3 raceway(s) is/are required to be installed at the time of construction and shall be installed in accordance with the <i>California Electrical Code</i> . Construction plans and specifications shall include, but are not limited to, the following:			 4. General lighting luminaires in areas these reduced ratings. Decorative lum "all other outdoor lighting". 5. If the nearest property line is less the
	 e. Erosion control to protect slopes. f. Protection of storm drain inlets (gravel bags or catch basin inserts). g. Perimeter sediment control (perimeter silt fence, fiber rolls). h. Sediment trap or sediment basin to retain sediment on site. i. Stabilized construction exits. 			 The type and location of the EVSE. The raceway(s) shall originate at a service panel or a subpanel(s) serving the area, and shall terminate in close proximity to the proposed location of the charging equipment and into listed suitable cabinet(s), box(es), enclosure(s) or equivalent. 			hemisphere of the luminaire distribution
	 j. Wind erosion control. k. Other soil loss BMPs acceptable to the enforcing agency. 2. Good housekeeping BMPs to manage construction equipment, materials, non-stormwater discharges and wastes that should be considered for implementation as appropriate for each project include, but 			 Plan design shall be based upon 40-ampere minimum branch circuits. Electrical calculations shall substantiate the design of the electrical system, to include the rating of equipment and any on-site distribution transformers and have sufficient capacity to simultaneously charge all required EVs at its full rated amperage. 			5.106.10 GRADING AND PAVING. C manage all surface water flows to keep include, but are not limited to, the follow
	are not limited to, the following: a. Dewatering activities. b. Material handling and waste management. c. Building materials stockpile management.			 The service panel or subpanel(s) shall have sufficient capacity to accommodate the required number of dedicated branch circuit(s) for the future installation of the EVSE. 			 Swales. Water collection and disposal French drains. Water rotaction gordona
	 d. Management of washout areas (concrete, paints, stucco, etc.). e. Control of vehicle/equipment fueling to contractor's staging area. f. Vehicle and equipment cleaning performed off site. g Spill prevention and control. h. Other housekeeping BMPs acceptable to the enforcing agency. 			 5.106.5.3.3 EV charging space calculations. [N] Table 5.106.5.3.3 shall be used to determine if single or multiple charging space requirements apply for the future installation of EVSE. Exceptions: On a case-by-case basis where the local enforcing agency has determined EV charging and infrastructure is not feasible based upon one or more of the following conditions: 			 Water retention gardens. Other water measures which k recharge. Exception: Additions and alterat
	n. Other housekeeping bivins acceptable to the enforcing agency.			charging and impastructure is not reasible based upon one or more of the following conditions:			

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

Advance of the second sec	2020							
Image: Single	2020	, Inclu	ides A	August	2019			
the control of t								RESPON. PARTY
Iteration Iteration Iteration Image: Second Processing Second Processing Procesprocessing Processing Proc	evidence suit utility infrastru	table to the local ucture design red	quirements, direc	ctly related to the			<u>w</u>	
Image: Sector	of Section 5.1	106.5.3, may ad	versely impact th	ne construction of	ost of the			
Image: Control of the control of t	RKING SPAC	CES NUI	MBER OF REQU	UIRED SPACES				
4 5 10 10 10 10 10 10 11 10 12 10 12 10 13 10 14 10 14 10 15 10 15 10 16 10 16 10 17 10 18 10 19 10 10 10 10 10 10 10 11 10 11 10 11 10 12 11 12 11 13 12 14 12 15 12 16 12 16 12 16 12 17 12 18 12 19 12 10 12 10 12 11 12 12 12 14 12 15 12 16 12 16 12 16 12 16			0	· · · · · · · · · · · · · · · · · · ·				
1 1 10 10 10 10 11 10 12 0% of total 13 10% of total 14 10% of total 15 10% of total 15 10% of total 15 10% of total 16 10% of total 17 10% of total 18 10% of total 19 10% of total 19 10% of total 10% of total 10% o				· · · · · · · · · · · · · · · · · · ·				
Image: space shares Image: space shar)		5	;				
Initial to reacted up to the nearest whole number. Division 5.2 Main De reactions approved for whole vectors y half lightly the generalization of the function. The state of the stat)		10					
 Balle J. Sever J.	10 108:30	ded up to the ne	12 42		5			
DVISION 5.3 SECTION 5.301 DVISION 5.301 SECTION 5.301 DVISION 5.301 SECTION 5.301 DVISION 5.30 SECTION 5.301 DVISION 5.31	tective device	space(s) for fut	ure EV charging	as "EV CAPABL				
The California Energy Code for Liphing Zones D-4 as defined in Chapter 19, in Administrative Code, and the Liphing Code (atoms in Table 316, D) (C) Complexity that local outnames decision 10:17, whichever is mean stringer. SECTION 5.302, D) SECTION 5.303, D) SECTION 5.303	arging spaces	s qualify as desi			ection 5.106.5.2			
 The California Energy Code of Lighting Zone 0.4 as defined P Chapter 10. Itel IS 11/15 11 Control California Energy Code (action of Lageer 8). Itel IS 11/15 11 Code (116) Control (action of Lageer 8). Itel IS 11/15 11 Code (116) Control (action of Lageer 8). Itel IS 11/15 11 Code (116) Control (action of Lageer 8). Itel IS 11/15 11 Code (116) Control (action of Lageer 8). Itel IS 11/15 11 Code (116) Control (action of Lageer 8). Itel IS 11/15 11 Code (116) Control (action of Lageer 8). Itel IS 11/15 11 Code (116) Control (action of Lageer 8). Itel IS 11/15 11 Code (116) Code	TION. [N].I OU	utdoor lighting s	/stems shall be d	designed and inst	alled to comply			
eithed in California Energy Coce, lettown in Tables 130: 2.4 and 130: 2.6 in California Ca	rnia Administra	ative Code; and	anna a tha 1976 ann an an Anna ann an Anna an		n Chapter 10,			
Backin 1017, whichwar is more withight? as exceptions in Section 1017 of the California Energy Code. g the support of the California Energy Code. g the California Energy Code.	defined in Cali	lifornia Energy C	ode (shown in Ta	ables 130.2-A an				
 as exceptions in Section 140 7 of the California Energy Code. water or cycle studies and be approximate to field there of code studies and be approximate to field there are cycle studies and be approximate to field there are cycle studies and be approximate to field there are cycle studies and be approximate to field there are cycle studies and be approximate to field there are cycle studies and be approximate to the approximate				comply with a loc	ai oruinance			
The requirements in Table 102.07.8 of the California Energy Code, Pert 6, easi advorded by the values and order by available of the California Energy as particular by Section 10.2 at the section of perturbation of the California Code Tables and California Code Tables 130.2 At and 130.2 At	y as exception	ns in Section 140	.7 of the Californ	nia Energy Code.				
Wethousing Code, Ohegier 12, Section 1205 E for college campus lighting in failed and wething and the section of the sectio	res as allowed	I by the local enf	orcing agency, a					
a failule and walkways. man of the second second base and waterably for LST 174-16-11 Table Baiding Code for requirements for additions and alterations. MODEL WATER FFICIENT LAND design, installation and aniterations. MODEL WATER FFICIENT LAND design, installation and installations. MODEL WATER FFICIENT LAND design, installation and installation and installation and installations. WATER BFICIENT LAND design, installation and installation and installation and installation and installations. WATER BFICIENT LAND design, installation and instransistication and installation and				llege campus ligh	tina			
Building Code for requirements for additions and alterations. AUM ALLOWABLE BACKLIGHT, UPLIGHT S3: 2 S4: 2 S1: 1 S2: 1	ng facilities an ompliance For	nd walkways. ms, Worksheets	and Reference I					
ALLM ALLOWABLE BACKLIGHT, UPLIGHT Internet of the public control				and alterations.				
DBHTING DLG LIGHTING ZONE L21 LIGHTING ZONE L23 LIGHTING ZONE L23 LIGHTING ZONE L24 N/A No Limit		OWABLE BA	CKLIGHT, U	UPLIGHT				
LZ0 Z0NE LZ1 Z0NE LZ3 Z0NE LZ3 Z0NE LZ4 Image: State of the st	IGHTING	Constraint Strain and Constraint Strain				6		
N/A No Limit No Limit </td <td></td> <td>ZONE LZ1</td> <td>ZONE LZ2</td> <td>ZONE LZ3</td> <td>ZONE LZ4</td> <td></td> <td></td> <td></td>		ZONE LZ1	ZONE LZ2	ZONE LZ3	ZONE LZ4			
NA B2 B3 B4 B4 NA B1 B2 B3 B4 B4 NA B1 B2 B3 B3 B3 NA B1 B2 B3 B3 B3 NA B0 B0 B1 B2 Variant and statute automatic suborce automatic s		Nation	Ma L'ant	No Deale	No.1 facts			
N/A B1 B2 B3 B3 N/A B0 B1 B2 N/A B0 B1 B2 N/A B0 B1 B2 N/A U0 U0 U0 N/A U0 U0 U0 N/A U1 U2 U3 UR N/A U1 U2 U3 UR N/A U1 U2 U3 UR N/A G1 G2 G3 G4 N/A G1 G2 G3 G4 N/A G0 G1 G1 G2 N/A G0 G0 G1 G1 G2 N/A <t< td=""><td>5113,0102</td><td></td><td></td><td>The first</td><td>1.17.00 (10.00 (10.00))</td><td>5</td><td></td><td></td></t<>	5113,0102			The first	1.17.00 (10.00 (10.00))	5		
N/A B0 B0 B1 B2 N/A B0 B0 B1 B2 N/A U0 U0 U0 SecTION 5.303 INDEOR W N/A U1 U2 U3 UR N/A U1 U2 U3 UR N/A U1 U2 U3 UR N/A G1 G2 G3 G4 N/A G1 G2 G3 G4 N/A G0 G1 G1 G2 N/A G0 G0 G1 G1 S033.3.1 Water		reitenis 		201040	. Service of			
N/A B0 B0 B1 B2 Image: Section S. 303 INDOOR W S.03 InterB8. Separate submeters N/A U0 U0 U0 N/A U1 U2 U3 UR N/A U1 U2 U3 UR N/A U1 U2 U3 UR N/A G1 G2 G3 G4 N/A G1 G2 G3 G4 N/A G0 G1 G1 G2 N/A G0 G1 G1 G2 N/A G0 G1 G1 G2 N/A G0 G0 G1 G1 Sogeontha actual property line for purpose of dete	N/A				100.000			
N/A U0 U0 U0 U0 N/A U1 U2 U3 UR 503.1.1 and 503.1.2. N/A U1 U2 U3 UR 5.303.1.1 buildings in excess of the control services and the contro	N/A	B0	B0	B1	B2		×	
N/A U0 U0 U0 U0 N/A U1 U2 U3 UR N/A U1 U2 U3 UR N/A G1 G2 G3 G4 N/A G1 G2 G3 G4 N/A G0 G1 G1 G2 N/A G0 G1 G1 G2 N/A G0 G0 G1 G1 Sizestand protection transition to the california Administrative Code. N/A G0 <td></td> <td>الاترانية</td> <td>ngwan</td> <td>- <u>198</u>0</td> <td>state</td> <td></td> <td></td> <td></td>		الاترانية	ngwan	- <u>198</u> 0	state			
Image: Statural to hool serving in the property serving in the service of the public reduced full serving in the service of the public reduced full serving in the service								
N/A G1 G2 G3 G4 N/A G1 G2 G3 G4 N/A G0 G1 G1 G2 N/A G0 G1 G1 G2 N/A G0 G0 G1 G1 S033.3.1 Galos and s			.02					
N/A G0 G1 G1 G2 N/A G0 G1 G1 G2 N/A G0 G0 G1 G1 G2 N/A G0 G0 G1 G1 G1 G1 N/A G0 G0 G1 G1 G1 G1 G1 N/A G0 G0 G1 G1 <td>N/A</td> <td>G1</td> <td> G2</td> <td>63</td> <td>G4</td> <td></td> <td></td> <td></td>	N/A	G1	 G2	63	G4			
N/A G0 G0 G1 G1 N/A G0 G0 G0 G1 N/A G0 G0 G0 G1 N/A G0 G0 G1 G1 not applicable; refer to Lighting Zones as defined in the California Administrative Code. Seperification for Tank-Type toilet walkways, bikeways, plazas and parking lots, the property gyond the actual property line for purpose of determining erry lines that abut public roadways and public transit insidered to be the centerline of the public roadway or public momuning compliance with this section. 5.303.3.2.1 Wall-mounted 0.125 gallons per flush. such as outdoor parking, sales or storage lots shall meet mainaires located in these areas shall meet <i>U-value</i> limits for So3.3.3.1 Single show gallons per mule at 80 pu WaterSense Specification on showerhead, the combined single valve shall not exceed 0.5 gallons per mule at 80 pu WaterSense Specification prive on workower out showerhead, the combined single valve shall not exceed single valve shall not excee allow orthy one shower out Note: A ha	1.151/0002.539	8						
N/A G0 G0 G1 N/A G0 G0 G1 not applicable; refer to Lighting Zones as defined in the 10 of the <i>California Administrative Code</i> . Note: The effective flush volum two reduced flushes and one ful synont the actual property line for purpose of determining berty lines that abut public roadways and public transit nsidered to be the conterline of the public roadway or public mining compliance with this section. 5.303.3.2 Virial: 5.303.3.2 1.33.3.2 File					constrained and	×		
Institution Institution Specification Specification Institution Institution Specification Specification 10 of the California Administrative Code. Specification Specification Specification walkways, bikeways, plazas and parking lots, the property Source Source Specification Statistication Specification	N/A	G0	G0	G0	G1			
 two reduced flushes and one full walkways, bikeways, plazas and parking lots, the property geord the actual property line for purpose of determining perty lines that abut public roadways and public transit insidered to be the centerline of the public roadway or public immining compliance with this section. than or equal to two mounting heights from the back on, the applicable reduced Backlight rating shall be met. a such as outdoor parking, sales or storage lots shall meet divalue limits for on, the applicable reduced Glare rating shall be met. so and no requal to two mounting heights from the front on, the applicable reduced Glare rating shall be met. so such as outdoor plans shall indicate how site grading or a drainage system will water from entering buildings. Examples of methods to manage surface water away from buildings and aid in groundwater tions not altering the drainage path. 	e not applicabl	le; refer to Light	ng Zones as def					
serty lines that abut public roadways and public transit 5.303.3.2.1 Wall-mounte nsidered to be the centerline of the public roadway or public 0.125 gallons per flush. armining compliance with this section. 5.303.3.2.2 Floor-mount han or equal to two mounting heights from the back 5.303.3.3.3 Showerheads. [BSC as such as outdoor parking, sales or storage lots shall meet 5.303.3.3.1 Single show ninaires located in these areas shall meet U-value limits for 5.303.3.3.2 Multiple sho nan or equal to two mounting heights from the front 5.303.3.3.2 Multiple sho on, the applicable reduced Glare rating shall be met. 5.303.3.3.2 Multiple sho systems. systems. keep surface water away from buildings and aid in groundwater tions not altering the drainage path.	c walkways, bił	keways, plazas	and parking lots,					
 than or equal to two mounting heights from the back not exceed 0.5 gallons per state shall meet u-value limits for state in these areas shall meet u-value limits for state in the exceed 0.5 gallons per not exceed 0.5 gallons per	operty lines that	at abut public roa	dways and publ of the public roa	lic transit				
 5.303.3.3 Showerheads. (BSC: 5.303.3.3 Showerheads. (BSC: 5.303.3.3.1 Single show gallons per minute at 80 p WaterSense Specification 5.303.3.2 Multiple show showerhead, the combine single valve shall not excert allow only one shower out Note: A hand-held shower out Note: A hand-held shower systems. keep surface water away from buildings and aid in groundwater tions not altering the drainage path. 	than or equal	to two mounting	heights from the					
waterSense Specification baan or equal to two mounting heights from the front on, the applicable reduced Glare rating shall be met. Source of the sense Specification 5.303.3.2 Multiple show showerhead, the combine single valve shall not excer allow only one shower our Note: A hand-held shower Note: A hand-held shower Note: A hand-held shower Note: A hand-held shower systems. keep surface water away from buildings and aid in groundwater tions not altering the drainage path.	as such as out	door parking, sa	les or storage lo	ots shall meet				
on, the applicable reduced Glare rating shall be met. showerhead, the combinisingle valve shall not existing on a drainage system will water from entering buildings. Examples of methods to manage surface water ving: systems. keep surface water away from buildings and aid in groundwater tions not altering the drainage path.								
onstruction plans shall indicate how site grading or a drainage system will water from entering buildings. Examples of methods to manage surface water ving: Note: A hand-held shall hand hand hand hand hand hand hand hand	State State State							
water from entering buildings. Examples of methods to manage surface water ving: systems. keep surface water away from buildings and aid in groundwater tions not altering the drainage path.	21 A A	1. 1. 1. 1. I.		1. N. P.	123116			
systems. keep surface water away from buildings and aid in groundwater tions not altering the drainage path.								
tions not altering the drainage path.	A REAL PROPERTY AND A REAL PROPERTY OF A DEPARTMENT OF A							
tions not altering the drainage path.	wing:							
	owing: al systems.	water away from	n buildings and a	aid in groundwate				
A DESCRIPTION OF A DESC	owing: al systems. h keep surface		1279 Normal Robert	aid in groundwate				

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.

	KATHLEEN ROUSEAU		No.	DATE	BY	REFERENCE	
CED ARCAN			1	02.17.23	RPR	ISSUED FOR BID	CALGREEN
ELEVA. POLICE	RCE NO. <u>C19081</u>	EXP. 06.23					
	CHECKED BY	AWC / KAR					
Exp. 6/23	DESIGNED BY						
OF CALIFO		AWC / KAR					
	DRAWN BY	AWC					

Y (ie: ARCHITECT, ENGINEER OR, INSPECTOR ETC.)

06.12.1, 5.106.12.2, indscape irrigation

equal, shall be installed ctures, or shade

I shall be installed to

rea calculation. I shall be installed to

tures, and hardscape A5.106.11.2.2 in

y energy efficiency ding standards. ATION

e indoors, outdoors

major influences on cted to natural grade

actuation cycle. The

eated wastewater that inated, or unhealthy nufacturing, or bathroom kitchen sinks or

e regulating landscape r developer installed landscaped area and

odel ordinance , installation and local ordinance at least

ency (EPA) Drinking ses, and meets the U.S.

Health Authority neficial use or a

/cled water is water

ended for one purpose, lered a submeter.

d the maximum applied cient Landscape

pjected to consume or laundry or cleaners, or barber shop. vater supplied to the 0 gpm (30 L/s). n (147 kW).

ided for any tenant gal/day. water closets and

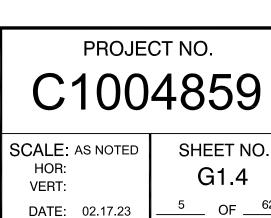
ed 1.28 gallons per PA WaterSense

rinals shall not exceed

or other urinals shall

of not more than 1.8 riteria of the U.S. EPA

ved by more than one outlets controlled by a be designed to



2019 CALIFO NONRESIDENTIA

More Than 0.5 galaxies per munite 40 ppi. Subscription (Section 1) (Section 2) (S	Social Content (La Conten		RESPON. PARTY	
most that 0.5 guitten gerinnike 465 pui: Sala 1.4 Section Finance 4.00 pui: All blacks may importantly increase in the for source the max guitten per minus 400 puis the max and/own flavor in the max and/own flavor in the max of the max of the max and/own flavor in the max of the max of the max and/own flavor in the max of the max of the max and/own flavor in the max of the max of the max of the max of the max in the max of the max	move that 0.5 guidens per mode at 0 per. Sub 2.5 Sub			5.303.3.4 Faucets and fountains.
ality per units of C.p. States flags and machine stream of the second of the seco	Beneficial Control of State Sta			5.303.3.4.1 Nonresidential Lavatory faucets. Lavatory faucets shall have a maximum flow rat more than 0.5 gallons per minute at 60 psi.
Image: Section 1 Section 2 Section2 Section 2 Section 2	Subject in the second sec			5.303.3.4.2 Kitchen faucets. Kitchen faucets shall have a maximum flow rate of not more than gallons per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum flow not to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1 per minute at 60 psi.
Superscription of the second sec	Subset of the second seco			5.303.3.4.3 Wash fountains. Wash fountains shall have a maximum flow rate of not more than
Best When completing facebas are unavailable, particles or other means may be passed to the indexident in the data of when the data of the facebas in t	Aux When complying lackets are unawakable, stratures or other means may be used the rescalation. Subsection.			5.303.3.4.4 Metering faucets. Metering faucets shall not deliver more than 0.20 gallons per cyc5.303.3.4.5 Metering faucets for wash fountains. Metering faucets for wash fountains shall have
Subject Provide Disperse Disperse Disperse has the set of the construction of the set of which is not the first of the set of t	 State 1 Food Web Disposers. Eligibles with all alter modulate size of metabolism and up metabolism. This web mining is been for a base of the second s			maximum flow rate of not more than 0.20 gallons per minute/20 [rim space (inches) at 60 psi]. Note: Where complying faucets are unavailable, aerators or other means may be used to achie reduction.
 when the fulgeant is not in size of a stakely ginding food wassing-balls of a shall automatically shall be a final by a possible in a ginding state and a state is a state of a state of a state of a space of a state of	 when the stream is not in use (not actively gringing foot washingtown) or shall activated active actively operating in the stream is a grin of the stream is a gr	×		5.303.4 COMMERCIAL KITCHEN EQUIPMENT.
Bulking Standards Commission as spatial in Section 10. In providing of Section 5.303.3 and 3.304.4 Social Standards Commission as spatial activity for the Bulking Social Standards Standard Commission as spatial activity on the Bulking Social Standards Standard Commission as spatial activity and publicle standards relevance of in the standards and the Commission as spatial activity of the Section Social Standards Standards Standards Social Standards Standards Social Standard Social Standards Social Standards Social Standards	Bucking Statutes Commission as spacified (5 Section 103, the previous of Section 5.033.5 and 5.5			Note: This code section does not affect local jurisdiction authority to prohibit or require disposer
In accordance with the California Plunching Code, and Hall most the applicable standards reference in Ta Section Plunching Code and in Challow I of the code of the Section Plunching Code and in Challow I of the code of the Section Plunching Code and in Challow I of the code of the code of the Section Plunching Code of the Code of the Code of the California Department of Water Rescuede to Section Plunching Code of the Code of the Code of the California Department of Water Rescuede to Section Plunching Code of the Code of the California Department of Water Rescuede to Section Plunching Code of the California Code of the Section Plunching Code of the California Code of the California Department of Water Rescuede to Interaction Plunching Code of the California Code of the California Department of Water Rescuede to Section Plunching Code of the California Code of the California Code of the Interaction Plunching Code of the California Code of the California Department Interaction Plunching Code of the California Code Of C	In eccodence with the California Pinching Cool, and shall meet the applicable standards inferenced in California Pinching Cool and in Charge is of the concert California Pinching Cool and California Pinching Pi			5.303.5 AREAS OF ADDITION OR ALTERATION. For those occupancies within the authority of the Califor Building Standards Commission as specified in Section 103, the provisions of Section 5.303.3 and 5.303.4 s
Image: Solid OutCORE POTABLE WATER USE IN LANSSCREP AREAS. Nonequiential developments also developments and services of indications (MMELO), inclusive in non-services of indications (MMELO), inclusive in non-services of indications (MMELO) in located in the California Octor of R. Image: Im	Sold 1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Increasidential development with local water affection landscape of under one of the carrier of more scringent. Note: • • •			5.303.6 STANDARDS FOR PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures and fittings shall be in accordance with the <i>California Plumbing Code</i> , and shall meet the applicable standards referenced in Tab of the <i>California Plumbing Code</i> and in Chapter 6 of this code.
1. The Model Water Efficient Landscape of Infinite (MVELC) is located in the California Code of R. The 33. Other 27. Overlap 27. Over	 The Model Water Efficient Landscase Ordinance (MWELO) is located in the California Code The 23, Owned C3, Development C4, Development C4, Development C4, Development C4, Develop	X		5.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Nonresidential developments shall with a local water efficient landscape ordinance or the current California Department of Water Resources' Me
 Indecape projects as described in Sectors 5.304.6.1 and 5.304.6.2 anal comply with the california Degate Network Structure (Structure) and the Structure (Structure) and the Structure (Structure) and the Structure) and the Structure (Structure) and the Structure (Structure) and the Structure) and the Structure (Structure) and the Structure (Structure) and the Structure) and the Structure (Structure) and the Structure (Structure) and the Structure) and the Structure (Structure) and the Structure) and the Structure (Structure) and the Structure)	 Indexape projects as described in Sections 5.304.6.1 and 5.304.6.2 what comp with the Californal Section 45 section 45			 The Model Water Efficient Landscape Ordinance (MWELO) is located in the California Code of Reg Title 23, Chapter 2.7, Division 2. MWELO and supporting documents, including a water budget calculator, are available at:
 Exception. Any project with an aggregate landscape area of 2.500 square (set of less may comply or prescription measures contained in Appendix to of the MoVELO. 3:346.31 Rehabilitated landscapes. Rehabilitated landscape trijects with an aggregate landscape area equal to or greater than 15:00 square feet. 3:0:4:32 Rehabilitated landscapes. Rehabilitated landscape trijects with an aggregate landscape area equal to or greater than 15:00 square feet. 3:0:4:32 Rehabilitated landscapes. Rehabilitated landscape trijects with an aggregate landscape area equal to or greater than 15:00 square feet. 3:0:4:32 Rehabilitated landscapes. Rehabilitated landscape trijects with an aggregate landscape area equal to or greater than 15:00 square feet. 3:0:4:1:0	 Exception: Any project with an aggregate landscape area of 2.500 square feet or less may compresent the messaces contained in Appanata D of the MVELO. 3:304.81 Arehabilitated landscapes. Rehabilitated landscape projects with an aggregate landscape area equal to or greater than 500 square feet. DIVISION 5.4 MATERIAL CONSERVATION AND RESOLUTION CONSERVATION CONSE	×		5.304.6 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. For public schools and community landscape projects as described in Sections 5.304.6.1 and 5.304.6.2 shall comply with the California Departu Water Resources Model Water Efficient Landscape Ordinance (MWELO) commencing with Section 490 of 0 2.7, Division 2, Title 23, California Code of Regulations, except that the evapotranspiration adjustment factor
 Souf.A.1 Newly constructed landscapes. New construction projects with an aggregate landscape area squal to or greater than 1.200 square feet. Souf.A.2 Newly constructed landscape area equal to or greater than 1.200 square feet. SDECTION 5.4 MATERIAL CONSERVATION AND RESOURCE ENCLOSE TO THE ADD SQUARE STATEMENT AND SQ	 S.344.1.1. Newly constructed landscapes. New construction projects with an eggregate landscape area equal to or greater than 1.200 square feet. S.344.2.1. Rehabilitized landscapes. Rehabilized landscape projects with an eggregate landscape area equal to or greater than 1.200 square feet. DIVISION 5.4.1. MATERIAL CONSERVATION AND RESOLUTION EXPLOSION CONSERVATION AND RESOLUTION Projects on the half of the chapter shall culture means of activating material conversion of the chapter shall culture means of activating material conversion of the chapter shall culture means of activating material conversion of the chapter shall culture means of activating material conversion of the chapter shall culture means of activating material conversion of the chapter shall culture means of activating material conversion of the chapter shall culture means of activating material conversion of the chapter shall culture means of activating material conversion of the chapter shall culture means of activating material conversion of the chapter shall culture means of activating material conversion of the chapter shall culture means of activating material conversion of the chapter shall culture means of activating conversion of the chapter shall culture means of activating conversion of the chapter shall culture the capter at the terminal equipment, such as to reduce fail a damater. Guerrate and matination of meet the culture system, including sub-mains, branches and terr according to design quantities. BULDING COMMISSIONING. A systematic quality assurance process that spans the office design quantities. Guerrate and matination to meet the cuarter structure structure shall and activation structure structure structure structure of a system or equipment. Generate and matination to meet the curver is project requirements. Generate the determine quantitative performance of a system or equipment at the terminal quality asystem and the distructure structure structure of			Exception: Any project with an aggregate landscape area of 2,500 square feet or less may comply wi
6:06.9.2 Rehabilitated landscapes. Rehabilitated landscape projects with an eggregate landscape area equal to or greater than 1.200 square test.	 Sate 3.2 Rehabilities and indicasposes. Rehabilitated landscape projects with an aggregate landscape area equal to or greater than 1.200 square feet. DIVISION 5.4 MATERIAL CONSERVATION AND RESOLUTION SATE OF SATE AND AND RESOLUTION SATE OF SATE			5.304.6.1 Newly constructed landscapes. New construction projects with an aggregate landscape
 DIVISION 5.4 MATERIAL CONSERVATION AND RESOURCE SECTION 5.4.01 GENERAL Statist Source, The provisions of these header in activity materials and building commissioning or testing and ad testing as to neduce pollution through recycing of materials, and building commissioning or testing and ad testing to neduce pollution through recycing of materials, and building commissioning or testing and ad testing as to neduce pollution through recycing of materials, and building commissioning or testing and ad testing as to neduce pollution through recycing testing and testing and testing testing testing and testing testing as the terminal equipment, such as to reduce for species and testing testing testing and testing testing and testing testing testing and testing testing and testing testing and testing testing and testing testing	DIVISION 5.4 MATERIAL CONSERVATION AND RESOLUTION AND RESOLUTIO			5.304.6.2 Rehabilitated landscapes. Rehabilitated landscape projects with an aggregate
EFFICIENCY Section 5.401 GENERAL Statist SCOPE. The provisions of this chapter shall outline means of achieving material conservation and idefinely through probability of building from estation modulure, construction was a diversion, employment idefining the probability of building from sate of modulure, construction was a diversion, employment idefining through probability of building from sate of materials, and building commissioning or isuling and ad Sector 100 S. Add DEFINITIONS For Robusting from sate defined in Chapter 2 (and are included here for reference). Add DEFINITIONS. The following terms are defined in Chapter 2 (and are included here for reference). Add DEFINITIONS. The following terms are addined to Chapter 2 (and are included here for reference). Building to design quantities. Building commission does within the distribution system, including sub-mains, branches and terminal according to design quantities. Building commission on the the distribution system, including sub-mains, branches and terminal issted, periode and maintained to meet the coverer's project requirements. Building commission within the distribution system, including sub-mains, branches and terminal issted dispersive and maintained to meet the coverer's project requirements. Building commission and the period addigence issted, periode and maintained to meet the coverer's project requirements. CRGNIC WASTE, Food waste, period waste, add add paper waste that is mixed in with food waste. TEST. A proceedure to determine quantitative performance of a system or equipriment	 EFFICIENCY SAG1.1 SCOPE. The provisions of this chapter shall outline means of achieving material conservation differing times produce in obluings from settor molsture, construction was diversion, employ interfining throading to building from settor molsture, construction was diversion, employ interfining to testing an exact of the chapter 1 and an exact of the chapter 2 and an individed here for referent D2.1 DEFINITORS. The following terms are defined in Chapter 2 and are individed here for referent a damper. To regulate fluid flow rate and air patterns at the terminal equipment, such as to reduce fail a damper. BULDING COMMISSIONING. A systematic quality assurance process that spans the entire design a process, including varifying and characterize in a damper to prove and the other terminal equipment. CRSANC WASET. Food vaset, green vasets, landcape and pruning wate, nonhazardous wood was oblied paper waste that is mixed in with food waste. TEST. A procedure to determine quantitative performance of a system or equipment 			
 5.401.1 SCOPE. The provisions of this chapter shall outline means of achieving material conservation and efficiency through protection of buildings from existive, construction waste diversion, employment techniques to reduce pollution through recycling of materials, and building commissioning or testing and ad SECTION 5.402 DEFINITIONS 5.402.1 DEFINITIONS . The following terms are defined in Chapter 2 (and are included here for reference). ADUST, Toroguite fluid flow rate and air patterns at the terminal equipment, such as to reduce fan speciad ad aproper. BALANCE. To proportion flows within the distribution system, including sub-mains, branches and terminal according to design quentities. BUILDING COMMISSIONING, A systematic quality assurance process that spars the entire design and to process, including verifying and documenting that building systems and components are planned, designed tiscl, operated and manimation to meat the course is project requirements. ORGANIC WASTE. Food weste, green waste, landscape and pruning wste, nonhazardous wood waste, a solid apper waste that is mixed in with food waste. TEST. A procedure to determine quantitative performance of a system or equipment 	 S.401.1 SCOPE. The provisions of this chapter shall outline means of a chieving material conservation efficiency through protection of buildings from activer moniture, construction waste diversion, employed techniques to reduce pollution through recycling of maturials, and building commissioning or testing an SECTION 5.402 DEFINITIONS S.402.1 DEFINITIONS. The following terms are defined in Chapter 2. (and are included here for refere ADUST. To regulate fluid flow rate and air patterns at the terminal equipment, such as to reduce fan a damper. BALANCE. To proportion flows within the distribution system, including sub-mains, branches and terr according to design quantities. BUILDING COMMISSIONING. A systematic quality essurence process that spans the entire design a process, including varifying and decumenting that building systems and components are planned, deal test, operated and maintained to meat the owner's project requirements. ORGANIC WASTE. Food weste, green waste, landscape and pruning wste, nonhazardous wood was soled paper waste that is mixed in with food waste. TEST. A procedure to determine quantifative performance of a system or equipment 			EFFICIENCY
 5.402.1 DEFINITIONS. The following terms are defined in Chapter 2 (and are included here for reference). ADJUST. To regulate fluid flow rate and air patterns at the terminal equipment, such as to reduce fan special damper. BALANCE. To proportion flows within the distribution system, including sub-mains, branches and terminal according to design quantities. BULDING COMINISSIONING. A systematic quality assurance process that spans the entire design and o process, including verifying and documenting that building systams and components are planned, designed tested, operated and maintained to meet the owner's project requirements. ORGANIC WASTE. Food waste, green waste, landscape and pruning wsite, nonhazardous wood waste, a soled paper waste that is mixed in with food waste. TEST. A procedure to determine quantitative performance of a system or equipment 	 5.42.1 DEFINITIONS. The following terms are defined in Chapter 2 (and are included here for refere ADJUST. To regulate fluid flow rate and air patterns at the terminal equipment, such as to reduce fan a damper. BALANCE. To proportion flows within the distribution system, including sub-mains, branches and terr according to design quantities. BUILDING COMMISSIONING. A systematic quality assurance process that spans the entire design process, including verifying and documenting that building systems and components are planned, desi tested, operated and maintained to meet the owner's project requirements. ORGANIC WASTE. Food verses, green weak, end cache and pruning wste, nonhazardous wood was solled paper waste that is mixed in with food waste. TEST. A procedure to determine quantitative performance of a system or equipment 			5.401.1 SCOPE. The provisions of this chapter shall outline means of achieving material conservation and refficiency through protection of buildings from exterior moisture, construction waste diversion, employment of techniques to reduce pollution through recycling of materials, and building commissioning or testing and adjust
a damper. BALANCE. To proportion flows within the distribution system, including sub-mains, branches and terminal according to design quantities. BUILDING COMMISSIONING. A systematic quality assurance process that spans the entire design and o process, including verting and a commenting that building systems and components are planned, designed tested, operated and maintainated to meet the owner's project requirements. ORCANIC WASTE. Food waste, green waste, landscape and pruning wate, nonhazardous wood waste, a solied paper waste that is mixed in with food waste. TEST. A procedure to determine quantitative performance of a system or equipment	a damper. BALANCE. To proportion flows within the distribution system, including sub-mains, branches and terr according to design quantifies. BUILDING COMMISSIONING. A systematic quality assurance process that spans the entire design a process, including verifying and documenting that building systems and components are planned, desi tested, operated and maintained to meet the owner's project requirements. ORGANIC WASTE. Food waste, green waste, landscape and pruning waste, nonhazardous wood was solled paper waste that is mixed in with food waste. TEST. A procedure to determine quantitative performance of a system or equipment			SECTION 5.402 DEFINITIONS 5.402.1 DEFINITIONS. The following terms are defined in Chapter 2 (and are included here for reference)
according to design quantities. BUILDING COMMISSIONING. A systematic quality assurance process that spans the entire design and o process, including verying and documenting that building systems and components are planned, designed tested, operated and maintained to meet the owner's project requirements. ORGANIC WASTE. Food waste, green waste, landscape and pruning waste, nonhazardous wood waste, a solide paper waste that is mixed in with food waste. TEST. A procedure to determine quantitative performance of a system or equipment	according to design quantities. BUILDING COMMISSIONING. A systematic quality assurance process that spans the entire design a process, including verifying and documenting that building systems and conconents are planned, desi tested, operated and maintained to meet the owner's project requirements. ORGANIC WASTE. Food waste, green waste, landscape and pruning wste, nonhazardous wood was solied paper waste that is mixed in with food waste. TEST. A procedure to determine quantitative performance of a system or equipment			ADJUST. To regulate fluid flow rate and air patterns at the terminal equipment, such as to reduce fan speed a damper.
process, including verifying and documenting that building systems and components are planned, designed tested, operated and maintained to meet the owner's project requirements. ORGANIC WASTE. Food waste, green waste, landscape and pruning wste, nonhazardous wood waste, a solied paper waste that is mixed in with food waste. TEST. A procedure to determine quantitative performance of a system or equipment	process, including verifying and documenting that building systems and components are planned, desi tested, operated and maintained to meet the owner's project requirements. ORGANIC WASTE, Food waste, green waste, landscape and pruning wste, nonhazardous wood was solled paper waste that is mixed in with food waste. TEST. A procedure to determine quantitative performance of a system or equipment			BALANCE. To proportion flows within the distribution system, including sub-mains, branches and terminals according to design quantities.
solled paper waste that is mixed in with food waste. TEST. A procedure to determine quantitative performance of a system or equipment	soiled paper waste that is mixed in with food waste. TEST. A procedure to determine quantitative performance of a system or equipment			 IC 201 IC 201 IC 301 IC 401 IC 401
DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO BE USED AS A MEANS TO INDICATE AREAS OF COMPLIANCE WITH	DISCLAIMER:THIS DOCUMENT IS PROVIDED AND INTENDED TO BE USED AS A MEANS TO INDICATE AREAS OF COMPLIANCE			
DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO BE USED AS A MEANS TO INDICATE AREAS OF COMPLIANCE WITH	DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO BE USED AS A MEANS TO INDICATE AREAS OF COMPLIANCE			
DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO BE USED AS A MEANS TO INDICATE AREAS OF COMPLIANCE WITH	UISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO BE USED AS A MEANS TO INDICATE AREAS OF COMPLIANCE			
-	I	SCLA	AIMER:T	HIS DUCUMENT IS PROVIDED AND INTENDED TO BE USED AS A MEANS TO INDICATE AREAS OF COMPLIANCE WITH T





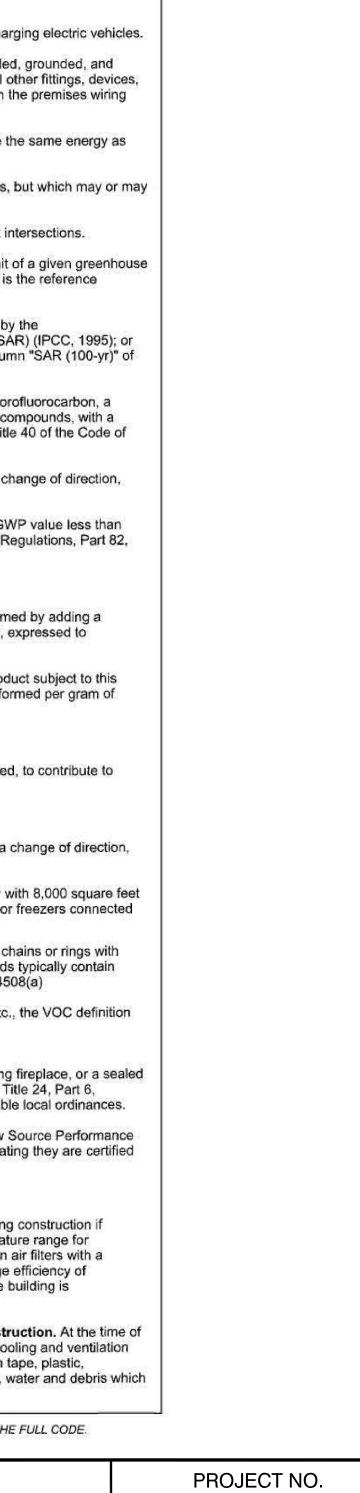
Tel 510 272 0654

	$\frac{1}{1}$	Y N/A	RESPON. PARTY	T 1 (January 2020, Includes August 2019	Y N/A RES	
	CTION 5.407 WATER RESISTANCE AND MOISTURE MANAGEMENT 07.1 WEATHER PROTECTION. Provide a weather-resistant exterior wall and foundation envelope as required by			5.410.2 COMMISSIONING. [N] New buildings 10,000 square feet and over. For new buildings 10,000 square feet and over, building commissioning shall be included in the design and construction processes of the building project to		5.410.4.4 Reporting. After completion of testing, adjusting and balancing, provide a fi signed by the individual responsible for performing these services.
ali di	fornia Building Code Section 1402.2 (Weather Protection), manufacturer's installation instructions or local nance, whichever is more stringent.			verify that the building systems and components meet the owner's or owner representative's project requirements. Commissioning shall be performed in accordance with this section by trained personnel with experience on projects of comparable size and complexity. For I-occupancies that are not regulated by OSHPD or for I-occupancies and L-occupancies that are not regulated y the California Energy Code Section 100.0 Scope, all		5.410.4.5 Operation and maintenance (O & M) manual. Provide the building owner detailed operating and maintenance instructions and copies of guaranties/warranties for instructions shall be consistent with OSHA requirements in CCR, Title 8, Section 5142
	5.407.2.1 Sprinklers. Design and maintain landscape irrigation systems to prevent spray on structures. 5.407.2.2 Entries and openings. Design exterior entries and/or openings subject to foot traffic or wind-driven			requirements in Sections 5.410.2 through 5.410.2.6 shall apply. Note: For energy-related systems under the scope (Section 100) of the California Energy Code, including heating, ventilation, air conditioning (HVAC) systems and controls, indoor lighting systems and controls, as well as water		5.410.4.5.1 Inspections and reports. Include a copy of all inspection verification by the enforcing agency.
	rain to prevent water intrusion into buildings as follows: 5.407.2.2.1 Exterior door protection. Primary exterior entries shall be covered to prevent water			heating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements Commissioning requirements shall include:		
	 Intrusion by using nonabsorbent floor and wall finishes within at least 2 feet around and perpendicular to such openings plus at least one of the following: 1. An installed awning at least 4 feet in depth. 2. The door is protected by a roof overhang at least 4 feet in depth. 			 Owner's or Owner representative's project requirements. Basis of design. Commissioning measures shown in the construction documents. Commissioning plan. 		DIVISION 5.5 ENVIRONMENTAL QUALITY SECTION 5.501 GENERAL 5.501.1 SCOPE. The provisions of this chapter shall outline means of reducing the quantity of are odorous, irritating, and/or harmful to the comfort and well-being of a building's installers, of
	 The door is recessed at least 4 feet. Other methods which provide equivalent protection. 5.407.2.2.2 Flashing. Install flashings integrated with a drainage plane. 			 5. Functional performance testing. 6. Documentation and training. 7. Commissioning report. 		SECTION 5.502 DEFINITIONS 5.502.1 DEFINITIONS. The following terms are defined in Chapter 2 (and are included here ARTERIAL HIGHWAY. A general term denoting a highway primarily for through traffic usuall
E	CTION 5.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND			Exceptions: 1. Unconditioned warehouses of any size.		A-WEIGHTED SOUND LEVEL (dBA). The sound pressure level in decibels as measured or using the internationally standardized A-weighting filter or as computed from sound spectral of
40	CYCLING 8.1 CONSTRUCTION WASTE MANAGEMENT. Recycle and/or salvage for reuse a minimum of 65% of the hazardous construction and demolition waste in accordance with Section 5.408.1.1, 5.408.1.2 or 5.408.1.3; or t a local construction and demolition waste management ordinance, whichever is more stringent.			 Areas less than 10,000 square feet used for offices or other conditioned accessory spaces within unconditioned warehouses. Tenant improvements less than 10,000 square feet as described in Section 303.1.1. Open parking garages of any size, or open parking garage areas, of any size, within a structure. 		 adjustments have been made. 1 BTU/HOUR. British thermal units per hour, also referred to as Btu. The amount of heat required for water one degree Fahrenheit per hour, a common measure of heat transfer rate. A ton of r
	5.408.1.1 Construction waste management plan. Where a local jurisdiction does not have a construction and demolition waste management ordinance, submit a construction waste management plan that:			Note: For the purposes of this section, unconditioned shall mean a building, area, or room which does not provide heating and or air conditioning.		the amount of heat required to melt a ton (2,000 pounds) of ice at 32 ⁰ Fahrenheit. COMMUNITY NOISE EQUIVALENT LEVEL (CNEL). A metric similar to the day-night average except that a 5 decibel adjustment is added to the equivalent continuous sound exposure levels.
	 Identifies the construction and demolition waste materials to be diverted from disposal by efficient usage, recycling, reuse on the project or salvage for future use or sale. Determines if construction and demolition waste materials will be sorted on-site (source-separated) or bulk mixed (single stream). 			 Informational Notes: 1. IAS AC 476 is an accreditation criteria for organizations providing training and/or certification of commissioning personnel. AC 476 is available to the Authority Having Jurisdiction as a reference for commissioning personnel. AC 476 is available to the Authority Having Jurisdiction as a reference for commissioning of commissioning personnel. AC 476 day per certific individuals to conduct functional 		to 10pm) in addition to the 10 dB nighttime adjustment used in the Ldn. COMPOSITE WOOD PRODUCTS. Composite wood products include hardwood plywood, pa density fiberboard. "Composite wood products" does not include hardboard, structural plywood
	 Identifies diversion facilities where construction and demolition waste material collected will be taken. Specifies that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both. 			 qualifications of commissioning personnel. AC 476 des not certify individuals to conduct functional performance tests or to adjust and balance systems. 2. Functional performance testing for heating, ventilation, air conditioning systems and lighting controls must be performed in compliance with the <i>California Energy Code</i>. 		panels, structural composite lumber, oriented strand board, glued laminated timber, timber, p or finger-jointed lumber, all as specified in California Code of Regulations (CCR), Title 17, Se Note: See CCR, Title 17, Section 93120.1.
	5.408.1.2 Waste Management Company. Utilize a waste management company that can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with this section.					DAY-NIGHT AVERAGE SOUND LEVEL (Ldn). The A-weighted equivalent continuous sound 24-hour period with a 10 dB adjustment added to sound levels occurring during nighttime hour
	Note: The owner or contractor shall make the determination if the construction and demolition waste material will be diverted by a waste management company.			 5.410.2.1 Owner's or Owner Representative's Project Requirements (OPR). [N] The expectations and requirements of the building appropriate to its phase shall be documented before the design phase of the project begins. This documentation shall include the following: Environmental and sustainability goals. 		DECIBEL (db). A measure on a logarithmic scale of the magnitude of a particular quantity (se sound power, sound intensity) with respect to a reference quantity.
	 Exceptions to Sections 5.408.1.1 and 5.408.1.2: Excavated soil and land-clearing debris. Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist. 			 Building sustainable goals. Indoor environmental quality requirements. Project program, including facility functions and hours of operation, and need for after hours operation. Equipment and systems expectations. Building occupant and operation and maintenance (O&M) personnel expectations. 		ELECTRIC VEHICLE (EV). An automotive-type vehicle for on-road use, such as passenger a trucks, vans, neighborhood electric vehicles, electric motorcycles, and the like, primarily power that draws current from a rechargeable storage battery, fuel cell, photovoltaic array, or other Plug-in hybrid electric vehicles (PHEV) are considered electric vehicles. For purposes of the off-road, self-propoelled electric vehicles, such as industrial trucks, hoists, lifts, transports, go
	 Demolition waste meeting local ordinance or calculated in consideration of local recycling facilities and markets. 5.408.1.3 Waste stream reduction alternative. The combined weight of new construction disposal that does not exceed two pounds per square foot of building area may be deemed to meet the 65% minimum requirement 			5.410.2.2 Basis of Design (BOD). [N] A written explanation of how the design of the building systems meets the OPR shall be completed at the design phase of the building project. The Basis of Design document shall cover the following systems:		support equipment, tractors, boats, and the like, are not included. ELECTRIC VEHICLE CHARGING STATION(S) (EVCSj). One or more spaces intended for a ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE). The conductors, including the ungrour
	as approved by the enforcing agency. 5.408.1.4 Documentation. Documentation shall be provided to the enforcing agency which demonstrates compliance with Sections 5.408.1.1, through 5.408.1.3. The waste management plan shall be updated as			 Renewable energy systems. Landscape irrigation systems. Water reuse system. 		equipment grounding conductors and the electric vehicle connectors, attachment plugs, and power outlets, or apparatus installed specifically for the purpose of transferring energy betwe and the electric vehicle.
	necessary and shall be accessible during construction for examination by the enforcing agency. Notes:			 5.410.2.3 Commissioning plan. [N] Prior to permit issuance a commissioning plan shall be completed to document how the project will be commissioned. The commissioning plan shall include the following: General project information. Commissioning goals. 		ENERGY EQUIVALENT (NOISE) LEVEL (Leq). The level of a steady noise which would have the fluctuating noise level integrated over the time of period of interest. EXPRESSWAY. An arterial highway for through traffic which may have partial control of acce
	 Sample forms found in "A Guide to the California Green Building Standards Code (Nonresidential)" located at www.bsc.ca.gov/Home/CALGreen.aspx may be used to assist in documenting compliance with the waste management plan. Mixed construction and demolition debris processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle). 			 3. Systems to be commissioned. Plans to test systems and components shall include: a. An explanation of the original design intent. b. Equipment and systems to be tested, including the extent of tests. c. Functions to be tested. d. Conditions under which the test shall be performed. 		not be divided or have grade separations at intersections. FREEWAY. A divided arterial highway with full control of access and with grade separations GLOBAL WARMING POTENTIAL (GWP). The radiative forcing impact of one mass-based u
ov m	8.2 UNIVERSAL WASTE. [A] Additions and alterations to a building or tenant space that meet the scoping isions in Section 301.3 for nonresidential additions and alterations, shall require verification that Universal Waste s such as fluorescent lamps and ballast and mercury containing thermostats as well as other California prohibited			 e. Measurable criteria for acceptable performance. 4. Commissioning team information. 5. Commissioning process activities, schedules and responsibilities. Plans for the completion of commissioning shall be included. 		 gas relative to an equivalent unit of carbon dioxide over a given period of time. Carbon dioxid compound with a GWP of one. GLOBAL WARMING POTENTIAL VALUE (GWP VALUE). A 100-year GWP value publisher
	ersal Waste materials are disposed of properly and are diverted from landfills. A list of prohibited Universal Waste erials shall be included in the construction documents. Note: Refer to the Universal Waste Rule link at: http://www.dtsc.ca.gov/LawsRegsPolicies/Regs/upload/OEAR-A_REGS_UWR_FinalText.pdf			5.410.2.4 Functional performance testing. [N] Functional performance tests shall demonstrate the correct installation and operation of each component, system and system-to-system interface in accordance with the approved plans and specifications. Functional performance testing reports shall contain information addressing each of the building components tested, the testing methods utilized, and include any readings and adjustments		Intergovernmental Panel on Climate Change (IPCC) in either its Second Assessment Report its Fourth Assessment A-3 Report (AR4) (IPCC, 2007). The SAR GWP values are found in co Table 2.14.; the AR4 GWP values are found in column "100 yr" of Table 2.14. HIGH-GWP REFRIGERANT. A compound used as a heat transfer fluid or gas that is: (a) a c
g	8.3 EXCAVATED SOIL AND LAND CLEARING DEBRIS. 100 percent of trees, stumps, rocks and associated etation and soils resulting primarily from land clearing shall be reused or recycled. For a phased project, such erial may be stockpiled on site until the storage site is developed.			made. 5.410.2.5 Documentation and training. [N] A Systems Manual and Systems Operations Training are required,		hdrochlorofluorocarbon, a hydrofluorocarbon, a perfluorocarbon, or any compound or blend of GWP value equal to or greater than 150, or (B) any ozone depleting substance as defined in Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009).
	Exception: Reuse, either on or off-site, of vegetation or soil contaminated by disease or pest infestation.			including Occupational Safety and Health Act (OSHA) requirements in <i>California Code of Regulations</i> (CCR), Title 8, Section 5142, and other related regulations. 5.410.2.5.1 Systems manual. [N] Documentation of the operational aspects of the building shall be		LONG RADIUS ELBOW. Pipe fitting installed between two lengths of pipe or tubing to allow with a radius 1.5 times the pipe diameter. LOW-GWP REFRIGERANT. A compound used as a heat transfer fluid or gas that: (A) has a
	 If contamination by disease or pest infestation is suspected, contact the County Agricultural Commissioner and follow its direction for recycling or disposal of the material. For a map of know pest and/or disease guarantine zones, consult with the California Department of 			completed within the systems manual and delivered to the building owner or representative. The systems manual shall include the following: Site information, including facility description, history and current requirements. Site contact information. 		 150, and (B) is not an ozone depleting substance as defined in Title 40 of the Code of Federa sec.82.3 (as amended March 10, 2009). MERV. Filter minimum efficiency reporting value, based on ASHRAE 52.2–1999.
	Food and Agriculture. (www.cdfa.ca.gov) CTION 5.410 BUILDING MAINTENANCE AND OPERATIONS			 Site contact mormation. Basic operations and maintenance, including general site operating procedures, basic troubleshooting, recommended maintenance requirements, site events log. Major systems. 		MAXIMUM INCREMENTAL REACTIVITY (MIR). The maximum change in weight of ozone for compound to the "Base REactive Organic Gas (ROG) Mixture" per weight of compound added
pi	0.1 RECYCLING BY OCCUPANTS. Provide readily accessible areas that serve the entire building and are tified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) er, corrugated cardboard, glass, plastics, organic waste, and metals or meet a lawfully enacted local recycling nance, if more restrictive.			 Site equipment inventory and maintenance notes. A copy of verifications required by the enforcing agency or this code. Other resources and documentation, if applicable. 		hundreths of a gram (g O ³ /g ROC). PRODUCT-WEIGHTED MIR (PWMIR). The sum of all weighted-MIR for all ingredients in a p article. The PWMIR is the total product reactivity expressed to hundredths of a gram of ozone product (excluding container and packaging).
-11	Exception: Rural jurisdictions that meet and apply for the exemption in Public Resources Code 42649.82 (a)(2)(A) et seq. shall also be exempt from the organic waste portion of this section.			5.410.2.5.2 Systems operations training. [N] A program for training of the appropriate maintenance staff for each equipment type and/or system shall be developed and documented in the commissioning report and shall include the following:		PSIG. Pounds per square inch, guage.
	5.410.1.1 Additions. All additions conducted within a 12-month period under single or multiple permits, resulting in an increase of 30% or more in floor area, shall provide recycling areas on site.			 System/equipment overview (what it is, what it does and with what other systems and/or equipment it interfaces). Review and demonstration of servicing/preventive maintenance. 		REACTIVE ORGANIC COMPOUND (ROC). Any compound that has the potential, once em ozone formation in the troposphere. SCHRADER ACCESS VALVES. Access fittings with a valve core installed.
	Exception : Additions within a tenant space resulting in less than a 30% increase in the tenant space floor area.			 Review of the information in the Systems Manual. Review of the record drawings on the system/equipment. 		SHORT RADIUS ELBOW. Pipe fitting installed between two lengths of pipe or tubing to allow with a radius 1.0 times the pipe diameter.
	5.410.1.2 Sample ordinance. Space allocation for recycling areas shall comply with Chapter 18, Part 3, Division 30 of the <i>Public Resources Code</i> . Chapter 18 is known as the California Solid Waste Reuse and Recycling Access Act of 1991 (Act).			5.410.2.6 Commissioning report. [N] A report of commissioning process activities undertaken through the design and construction phases of the building project shall be completed and provided to the owner or representative.		SUPERMARKET. For the purposes of Section 5.508.2, a supermarket is any retail food facili or more conditioned area, and that utilizes either refrigerated display cases, or walk-in cooler to remote compressor units or condensing units.
	Note: A sample ordinance for use by local agencies may be found in Appendix A of the document at the CalRecycle's web site.	X□		5.410.4 TESTING AND ADJUSTING. New buildings less than 10,000 square feet. Testing and adjusting of systems shall be required for new buildings less than 10,000 square feet or new systems to serve an addition or alteration subject to Section 303.1.		VOC. A volatile organic compound broadly defined as a chemical compound based on carbo vapor pressures greater than 0.1 millimeters of mercury at room temperature. These compound hydrogen and may contain oxygen, nitrogen and other elements. See CCR Title 17, Section 5
				5.410.4.2 (Reserved) Note: For energy-related systems under the scope (Section 100) of the California Energy Code, including		Note: Where specific regulations are cited from different agencies such as SCAQMD, ARB, included in that specific regulation is the one that prevails for the specific measure in question
				heating, ventilation, air conditioning (HVAC) systems and controls, indoor lighting system and controls, as well as water heating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements and Sections 120.5, 120.6, 130.4, and 140.9(b)3 for additional testing requirements of specific systems.		SECTION 5.503 FIREPLACES 5.503.1 FIREPLACES. Install only a direct-vent sealed-combustion gas or sealed wood-burr woodstove or pellet stove, and refer to residential requirements in the California Energy Code Subchapter 7, Section 150. Woodstoves, pellet stoves and fireplaces shall comply with applic 6.503.1 1 Woodstoves. Woodstoves and pellet stoves shall comply with U.S. ERA No.
				5.410.4.2 Systems. Develop a written plan of procedures for testing and adjusting systems. Systems to be included for testing and adjusting shall include at a minimum, as applicable to the project:		5.503.1.1 Woodstoves. Woodstoves and pellet stoves shall comply with U.S. EPA Ne Standards (NSPS) emission limits as applicable, and shall have a permanent label ind to meet the emission limits.
				 Renewable energy systems. Landscape irrigation systems. Water reuse systems. 		SECTION 5.504 POLLUTANT CONTROL 5.504.1 TEMPORARY VENTILATION. The permanent HVAC system shall only be used du necessary to condition the building or areas of addition or alteration within the required temper material and equipment installation. If the HVAC system is used during construction, use return
				5.410.4.3 Procedures. Perform testing and adjusting procedures in accordance with manufacturer's specifications and applicable standards on each system.		Minimum Efficiency Reporting Value (MERV) of 8, based on ASHRAE 52.2-1999, or an avera 30% based on ASHRAE 52.1-1992 Replace all filters immediately prior to occupancy, or, if t occupied during alteration, at the conclusion of construction.
				5.410.4.3.1 HVAC balancing. In addition to testing and adjusting, before a new space-conditioning system serving a building or space is operated for normal use, the system shall be balanced in accordance with the procedures defined by the Testing Adjusting and Balancing Bureau National	X	 5.504.3 Covering of duct openings and protection of mechanical equipment during cor rough installation and during storage on the construction site until final startup of the heating.

OF	OAł	<la< th=""><th>ND</th></la<>	ND
	OF ENGINE	EERING	
SUI OAKLAN	. OGAWA PLAZA TE 4314 D, CA 94612 238-3437	Ą	

OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

	KATHLEEN ROUSEAU	No.	DATE	BY	REFERENCE	
EED ARCX		1	02.17.23	RPR	ISSUED FOR BID	CALGREEN
ELEEN A. POL	RCE NO. <u>C19081</u> EXP. <u>06.23</u>					
	CHECKED BY AWC / KAR	-				
Exp. 6/23	DESIGNED BY AWC / KAR					
CALL	DRAWN BY AWC					



C1004859

SHEET NO.

G1.5

6 OF .

SCALE: AS NOTED HOR:

DATE: 02.17.23

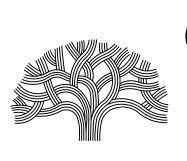
VERT:

2019 CALIFORNIA GREEN BUILDING STANDARDS CODE NONRESIDENTIAL MANDATORY MEASURES, SHEET 1 (January 2020, Includes August 2019 Supplement)

 5.504.4 FINISH MATERIAL POLLUTANT CONTROL. F 5.504.4.6. 5.504.4.1 Adhesives, sealants and caulks. Adhe the requirements of the following standards: Adhesives, adhesive bonding primers, ad comply with local or regional air pollution cor applicable, or SCAQMD Rule 1168 VOC lim products also shall comply with the Rule 116 (chloroform, ethylene dichloride, methylene of aerosol products as specified in subsection 2 Aerosol adhesives, and smaller unit size units of product, less packaging, which do no than 16 fluid ounces) shall comply with state prohibitions on use of certain toxic compound with Section 94507. TABLE 5.504.4.1 - ADHESIVE Less Water and Less Exempt Compound ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES OUTDOOR CARPET ADHESIVES 	esives, sealants, and caulks used on the pro- thesive primers, sealants, sealant primers a ntrol or air quality management district rules its, as shown in Tables 5.504.4.1 and 5.504 58 prohibition on the use of certain toxic cor chloride, perchloroethylene and trichloroeth 2, below. es of adhesives, and sealant or caulking con ot weigh more than one pound and do not of ewide VOC standards and other requirement ids, of <i>California Code of Regulations</i> , Title	oject shall i and caulks : s where 4.4.2. Such mpounds nylene), exc npounds (in consist of m nts, includin
the requirements of the following standards: 1. Adhesives, adhesive bonding primers, ad comply with local or regional air pollution cor applicable, or SCAQMD Rule 1168 VOC lim products also shall comply with the Rule 116 (chloroform, ethylene dichloride, methylene of aerosol products as specified in subsection 2 2. Aerosol adhesives, and smaller unit size units of product, less packaging, which do not than 16 fluid ounces) shall comply with state prohibitions on use of certain toxic compound with Section 94507. TABLE 5.504.4.1 - ADHESIVE Less Water and Less Exempt Compound ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES	thesive primers, sealants, sealant primers a ntrol or air quality management district rules its, as shown in Tables 5.504.4.1 and 5.504 58 prohibition on the use of certain toxic cor chloride, perchloroethylene and trichloroeth 2, below. es of adhesives, and sealant or caulking con ot weigh more than one pound and do not o ewide VOC standards and other requirement ids, of <i>California Code of Regulations</i> , Title VOC LIMIT 1.2 ds in Grams per Liter	and caulks : s where 4.4.2. Such npounds nylene), exc npounds (in consist of m nts, includin
 Adhesives, adhesive bonding primers, ad comply with local or regional air pollution cor applicable, or SCAQMD Rule 1168 VOC lim products also shall comply with the Rule 116 (chloroform, ethylene dichloride, methylene aerosol products as specified in subsection 2 Aerosol adhesives, and smaller unit size units of product, less packaging, which do no than 16 fluid ounces) shall comply with state prohibitions on use of certain toxic compoun with Section 94507. TABLE 5.504.4.1 - ADHESIVE Less Water and Less Exempt Compound ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES 	ntrol or air quality management district rules its, as shown in Tables 5.504.4.1 and 5.504 58 prohibition on the use of certain toxic cor chloride, perchloroethylene and trichloroeth 2, below. es of adhesives, and sealant or caulking con ot weigh more than one pound and do not c wide VOC standards and other requirement ids, of <i>California Code of Regulations</i> , Title VOC LIMIT _{1.2} ds in Grams per Liter	s where 4.4.2. Such npounds nylene), exc npounds (in consist of m nts, includin
applicable, or SCAQMD Rule 1168 VOC limproducts also shall comply with the Rule 116 (chloroform, ethylene dichloride, methylene diaerosol products as specified in subsection 2 2. Aerosol adhesives, and smaller unit size units of product, less packaging, which do not than 16 fluid ounces) shall comply with state prohibitions on use of certain toxic compound with Section 94507. TABLE 5.504.4.1 - ADHESIVE Less Water and Less Exempt Compound ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES	its, as shown in Tables 5.504.4.1 and 5.504 58 prohibition on the use of certain toxic cor chloride, perchloroethylene and trichloroeth 2, below. es of adhesives, and sealant or caulking con ot weigh more than one pound and do not c wide VOC standards and other requirement ids, of <i>California Code of Regulations</i> , Title VOC LIMIT _{1.2} ds in Grams per Liter	4.4.2. Such npounds nylene), exc npounds (in consist of m nts, includin
 (chloroform, ethylene dichloride, methylene of aerosol products as specified in subsection 2 2. Aerosol adhesives, and smaller unit size units of product, less packaging, which do not than 16 fluid ounces) shall comply with state prohibitions on use of certain toxic compound with Section 94507. TABLE 5.504.4.1 - ADHESIVE Less Water and Less Exempt Compound ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES 	chloride, perchloroethylene and trichloroeth 2, below. es of adhesives, and sealant or caulking con ot weigh more than one pound and do not o ewide VOC standards and other requiremen ids, of <i>California Code of Regulations</i> , Title VOC LIMIT _{1.2} ds in Grams per Liter	nylene), exc mpounds (in consist of m nts, includin
2. Aerosol adhesives, and smaller unit size units of product, less packaging, which do no than 16 fluid ounces) shall comply with state prohibitions on use of certain toxic compoun with Section 94507. TABLE 5.504.4.1 - ADHESIVE Less Water and Less Exempt Compound ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES	es of adhesives, and sealant or caulking con ot weigh more than one pound and do not o ewide VOC standards and other requiremen ids, of <i>California Code of Regulations</i> , Title VOC LIMIT _{1.2} ds in Grams per Liter	consist of mats, includin
units of product, less packaging, which do no than 16 fluid ounces) shall comply with state prohibitions on use of certain toxic compoun with Section 94507. TABLE 5.504.4.1 - ADHESIVE Less Water and Less Exempt Compound ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES	ot weigh more than one pound and do not dewide VOC standards and other requirement ids, of <i>California Code of Regulations</i> , Title VOC LIMIT _{1.2} ds in Grams per Liter	consist of mats, includin
than 16 fluid ounces) shall comply with state prohibitions on use of certain toxic compoun with Section 94507. TABLE 5.504.4.1 - ADHESIVE Less Water and Less Exempt Compound ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES	ewide VOC standards and other requirement ids, of <i>California Code of Regulations</i> , Title VOC LIMIT _{1.2} ds in Grams per Liter	nts, includin
with Section 94507. TABLE 5.504.4.1 - ADHESIVE Less Water and Less Exempt Compound ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES	ds in Grams per Liter	
Less Water and Less Exempt Compound ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES	ds in Grams per Liter	
Less Water and Less Exempt Compound ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES	ds in Grams per Liter	
Less Water and Less Exempt Compound ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES	ds in Grams per Liter	
ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES		
INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES		-
CARPET PAD ADHESIVES	50	
	50	
JULION ON ON EL ADREDIVED	150	
WOOD FLOORING ADHESIVES	100	
RUBBER FLOOR ADHESIVES	60	-
SUBFLOOR ADHESIVES	50	
CERAMIC TILE ADHESIVES	65	
VCT & ASPHALT TILE ADHESIVES	50	
DRYWALL & PANEL ADHESIVES	50	
COVE BASE ADHESIVES	50	
MULTIPURPOSE CONSTRUCTION AD		
STRUCTURAL GLAZING ADHESIVES	100	
	LY LISTED 50	
SPECIALTY APPLICATIONS		
PVC WELDING		
		_
		_
TOP & TRIM ADHESIVE	250	
	1/21/24	
METAL TO METAL	30	
PLASTIC FOAMS	50	
POROUS MATERIAL (EXCEPT WOOD)) 50	
WOOD	30	
FIBERGLASS	80	
1. IF AN ADHESIVE IS USED TO BOND THE ADHESIVE WITH THE HIGHEST V	DISSIMILAR SUBSTRATES TOGETHER OC CONTENT SHALL BE ALLOWED.	₹,
	OC CONTENT SHALL BE ALLOWED. REGARDING METHODS TO MEASURE IIS TABLE, SEE SOUTH COAST AIR JLE 1168,	<u></u> , ξ,
THE ADHESIVE WITH THE HIGHEST V 2. FOR ADDITIONAL INFORMATION R THE VOC CONTENT SPECIFIED IN TH QUALITY MANAGEMENT DISTRICT RU	OC CONTENT SHALL BE ALLOWED. REGARDING METHODS TO MEASURE IIS TABLE, SEE SOUTH COAST AIR JLE 1168, R1168.PDF	<u>,</u>
THE ADHESIVE WITH THE HIGHEST V 2. FOR ADDITIONAL INFORMATION R THE VOC CONTENT SPECIFIED IN TH QUALITY MANAGEMENT DISTRICT RU www.arb.ca.gov/DRDB/SC/CURHTML/R TABLE 5.504.4.2 - SEALANT V Less Water and Less Exempt Compound	VOC CONTENT SHALL BE ALLOWED. REGARDING METHODS TO MEASURE IIS TABLE, SEE SOUTH COAST AIR JLE 1168, R1168.PDF VOC LIMIT ds in Grams per Liter	λ,
THE ADHESIVE WITH THE HIGHEST V 2. FOR ADDITIONAL INFORMATION R THE VOC CONTENT SPECIFIED IN TH QUALITY MANAGEMENT DISTRICT RU www.arb.ca.gov/DRDB/SC/CURHTML/R TABLE 5.504.4.2 - SEALANT V Less Water and Less Exempt Compound SEALANTS	VOC CONTENT SHALL BE ALLOWED. REGARDING METHODS TO MEASURE IIS TABLE, SEE SOUTH COAST AIR JLE 1168, R1168.PDF VOC LIMIT ds in Grams per Liter CURRENT VOC LIMIT	2,
THE ADHESIVE WITH THE HIGHEST V 2. FOR ADDITIONAL INFORMATION R THE VOC CONTENT SPECIFIED IN TH QUALITY MANAGEMENT DISTRICT RU www.arb.ca.gov/DRDB/SC/CURHTML/R TABLE 5.504.4.2 - SEALANT V Less Water and Less Exempt Compound SEALANTS ARCHITECTURAL	VOC CONTENT SHALL BE ALLOWED. REGARDING METHODS TO MEASURE IIS TABLE, SEE SOUTH COAST AIR JLE 1168, R1168.PDF VOC LIMIT ds in Grams per Liter CURRENT VOC LIMIT 250	2,
THE ADHESIVE WITH THE HIGHEST V 2. FOR ADDITIONAL INFORMATION R THE VOC CONTENT SPECIFIED IN TH QUALITY MANAGEMENT DISTRICT RU www.arb.ca.gov/DRDB/SC/CURHTML/R TABLE 5.504.4.2 - SEALANT V Less Water and Less Exempt Compound SEALANTS ARCHITECTURAL MARINE DECK	VOC CONTENT SHALL BE ALLOWED. REGARDING METHODS TO MEASURE IIS TABLE, SEE SOUTH COAST AIR JLE 1168, R1168.PDF VOC LIMIT ds in Grams per Liter CURRENT VOC LIMIT 250 760	2,
THE ADHESIVE WITH THE HIGHEST V 2. FOR ADDITIONAL INFORMATION R THE VOC CONTENT SPECIFIED IN TH QUALITY MANAGEMENT DISTRICT RU www.arb.ca.gov/DRDB/SC/CURHTML/R TABLE 5.504.4.2 - SEALANT V Less Water and Less Exempt Compound SEALANTS ARCHITECTURAL MARINE DECK NONMEMBRANE ROOF	VOC CONTENT SHALL BE ALLOWED. REGARDING METHODS TO MEASURE IIS TABLE, SEE SOUTH COAST AIR JLE 1168, R1168.PDF VOC LIMIT ds in Grams per Liter CURRENT VOC LIMIT 250 760 300	2,
THE ADHESIVE WITH THE HIGHEST V 2. FOR ADDITIONAL INFORMATION R THE VOC CONTENT SPECIFIED IN TH QUALITY MANAGEMENT DISTRICT RU www.arb.ca.gov/DRDB/SC/CURHTML/R TABLE 5.504.4.2 - SEALANT V Less Water and Less Exempt Compound SEALANTS ARCHITECTURAL MARINE DECK NONMEMBRANE ROOF ROADWAY	VOC CONTENT SHALL BE ALLOWED. REGARDING METHODS TO MEASURE IIS TABLE, SEE SOUTH COAST AIR JLE 1168, R1168.PDF VOC LIMIT ds in Grams per Liter CURRENT VOC LIMIT 250 760 300 250	
THE ADHESIVE WITH THE HIGHEST V 2. FOR ADDITIONAL INFORMATION R THE VOC CONTENT SPECIFIED IN TH QUALITY MANAGEMENT DISTRICT RU www.arb.ca.gov/DRDB/SC/CURHTML/R TABLE 5.504.4.2 - SEALANT V Less Water and Less Exempt Compound SEALANTS ARCHITECTURAL MARINE DECK NONMEMBRANE ROOF ROADWAY SINGLE-PLY ROOF MEMBRANE	VOC CONTENT SHALL BE ALLOWED. REGARDING METHODS TO MEASURE IIS TABLE, SEE SOUTH COAST AIR JLE 1168, R1168.PDF VOC LIMIT ds in Grams per Liter CURRENT VOC LIMIT 250 760 250 450	2,
THE ADHESIVE WITH THE HIGHEST V 2. FOR ADDITIONAL INFORMATION R THE VOC CONTENT SPECIFIED IN TH QUALITY MANAGEMENT DISTRICT RU www.arb.ca.gov/DRDB/SC/CURHTML/R TABLE 5.504.4.2 - SEALANT V Less Water and Less Exempt Compound SEALANTS ARCHITECTURAL MARINE DECK NONMEMBRANE ROOF ROADWAY SINGLE-PLY ROOF MEMBRANE OTHER	VOC CONTENT SHALL BE ALLOWED. REGARDING METHODS TO MEASURE IIS TABLE, SEE SOUTH COAST AIR JLE 1168, R1168.PDF VOC LIMIT ds in Grams per Liter CURRENT VOC LIMIT 250 760 300 250	
THE ADHESIVE WITH THE HIGHEST V 2. FOR ADDITIONAL INFORMATION R THE VOC CONTENT SPECIFIED IN TH QUALITY MANAGEMENT DISTRICT RU www.arb.ca.gov/DRDB/SC/CURHTML/R TABLE 5.504.4.2 - SEALANT V Less Water and Less Exempt Compound SEALANTS ARCHITECTURAL MARINE DECK NONMEMBRANE ROOF ROADWAY SINGLE-PLY ROOF MEMBRANE OTHER SEALANT PRIMERS	VOC CONTENT SHALL BE ALLOWED. REGARDING METHODS TO MEASURE IIS TABLE, SEE SOUTH COAST AIR JLE 1168, R1168.PDF VOC LIMIT ds in Grams per Liter CURRENT VOC LIMIT 250 760 250 450	
THE ADHESIVE WITH THE HIGHEST V 2. FOR ADDITIONAL INFORMATION R THE VOC CONTENT SPECIFIED IN TH QUALITY MANAGEMENT DISTRICT RU www.arb.ca.gov/DRDB/SC/CURHTML/R TABLE 5.504.4.2 - SEALANT V Less Water and Less Exempt Compound SEALANTS ARCHITECTURAL MARINE DECK NONMEMBRANE ROOF ROADWAY SINGLE-PLY ROOF MEMBRANE OTHER SEALANT PRIMERS ARCHITECTURAL	VOC CONTENT SHALL BE ALLOWED. REGARDING METHODS TO MEASURE IIS TABLE, SEE SOUTH COAST AIR JLE 1168, R1168.PDF VOC LIMIT ds in Grams per Liter CURRENT VOC LIMIT 250 760 300 250 450	
THE ADHESIVE WITH THE HIGHEST V 2. FOR ADDITIONAL INFORMATION R THE VOC CONTENT SPECIFIED IN TH QUALITY MANAGEMENT DISTRICT RU www.arb.ca.gov/DRDB/SC/CURHTML/R TABLE 5.504.4.2 - SEALANT V Less Water and Less Exempt Compound SEALANTS ARCHITECTURAL MARINE DECK NONMEMBRANE ROOF ROADWAY SINGLE-PLY ROOF MEMBRANE OTHER SEALANT PRIMERS ARCHITECTURAL NONPOROUS	VOC CONTENT SHALL BE ALLOWED. REGARDING METHODS TO MEASURE IIS TABLE, SEE SOUTH COAST AIR JLE 1168, R1168.PDF VOC LIMIT ds in Grams per Liter CURRENT VOC LIMIT 250 760 300 250 450 420	
THE ADHESIVE WITH THE HIGHEST V 2. FOR ADDITIONAL INFORMATION R THE VOC CONTENT SPECIFIED IN TH QUALITY MANAGEMENT DISTRICT RU www.arb.ca.gov/DRDB/SC/CURHTML/R TABLE 5.504.4.2 - SEALANT V Less Water and Less Exempt Compound SEALANTS ARCHITECTURAL MARINE DECK NONMEMBRANE ROOF ROADWAY SINGLE-PLY ROOF MEMBRANE OTHER SEALANT PRIMERS ARCHITECTURAL	VOC CONTENT SHALL BE ALLOWED. REGARDING METHODS TO MEASURE IIS TABLE, SEE SOUTH COAST AIR JLE 1168, R1168.PDF VOC LIMIT ds in Grams per Liter CURRENT VOC LIMIT 250 760 250 450 420 250 250	
THE ADHESIVE WITH THE HIGHEST V 2. FOR ADDITIONAL INFORMATION R THE VOC CONTENT SPECIFIED IN TH QUALITY MANAGEMENT DISTRICT RU www.arb.ca.gov/DRDB/SC/CURHTML/R TABLE 5.504.4.2 - SEALANT Y Less Water and Less Exempt Compound SEALANTS ARCHITECTURAL MARINE DECK NONMEMBRANE ROOF ROADWAY SINGLE-PLY ROOF MEMBRANE OTHER SEALANT PRIMERS ARCHITECTURAL NONPOROUS POROUS	VOC CONTENT SHALL BE ALLOWED. REGARDING METHODS TO MEASURE IIS TABLE, SEE SOUTH COAST AIR JLE 1168, R1168.PDF VOC LIMIT ds in Grams per Liter CURRENT VOC LIMIT 250 760 250 450 420 250 250 250 775	
THE ADHESIVE WITH THE HIGHEST V 2. FOR ADDITIONAL INFORMATION R THE VOC CONTENT SPECIFIED IN TH QUALITY MANAGEMENT DISTRICT RU www.arb.ca.gov/DRDB/SC/CURHTML/R TABLE 5.504.4.2 - SEALANT V Less Water and Less Exempt Compound SEALANTS ARCHITECTURAL MARINE DECK NONMEMBRANE ROOF ROADWAY SINGLE-PLY ROOF MEMBRANE OTHER SEALANT PRIMERS ARCHITECTURAL NONPOROUS POROUS MODIFIED BITUMINOUS	VOC CONTENT SHALL BE ALLOWED. REGARDING METHODS TO MEASURE IIS TABLE, SEE SOUTH COAST AIR JLE 1168, R1168.PDF VOC LIMIT ds in Grams per Liter CURRENT VOC LIMIT 250 760 250 450 420 250 420 500	
	DRYWALL & PANEL ADHESIVES COVE BASE ADHESIVES MULTIPURPOSE CONSTRUCTION AD STRUCTURAL GLAZING ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHE OTHER ADHESIVES NOT SPECIFICAL SPECIALTY APPLICATIONS PVC WELDING CPVC WELDING ABS WELDING PLASTIC CEMENT WELDING ADHESIVE PRIMER FOR PLASTIC CONTACT ADHESIVE SPECIAL PURPOSE CONTACT ADHES STRUCTURAL WOOD MEMBER ADHE TOP & TRIM ADHESIVE SUBSTRATE SPECIFIC APPLICATION METAL TO METAL PLASTIC FOAMS POROUS MATERIAL (EXCEPT WOOD) WOOD	DRYWALL & PANEL ADHESIVES50DRYWALL & PANEL ADHESIVES50COVE BASE ADHESIVES50MULTIPURPOSE CONSTRUCTION ADHESIVES70STRUCTURAL GLAZING ADHESIVES100SINGLE-PLY ROOF MEMBRANE ADHESIVES250OTHER ADHESIVES NOT SPECIFICALLY LISTED50SPECIALTY APPLICATIONS90PVC WELDING510CPVC WELDING325PLASTIC CEMENT WELDING250ADHESIVE PRIMER FOR PLASTIC550CONTACT ADHESIVE80SPECIAL PURPOSE CONTACT ADHESIVE250STRUCTURAL WOOD MEMBER ADHESIVE140TOP & TRIM ADHESIVE250SUBSTRATE SPECIFIC APPLICATIONS140METAL TO METAL30PLASTIC FOAMS50POROUS MATERIAL (EXCEPT WOOD)50WOOD30



1629 Telegraph Avenue Oakland, CA 94612 Tel 510 272 0654





Y	N/A	RESPON. PARTY			Y	N/A	RESPON. PARTY	
			TABLE 5.504.4.3 - VOC CONTENT LIMI	TS FOR ARCHITECTURAL				TABLE 5.504.4.5 - FOI
			COATINGS _{2,3}					MAXIMUM FORMALDEHYDE
			GRAMS OF VOC PER LITER OF COATING, LESS WATER & LE					PRODUCT
			COATING CATEGORY FLAT COATINGS	50				HARDWOOD PLYWOOD VEN
			NONFLAT COATINGS	100				HARDWOOD PLYWOOD COM
			NONFLAT HIGH GLOSS COATINGS	150				PARTICLE BOARD
			SPECIALTY COATINGS					MEDIUM DENSITY FIBERBO
			ALUMINUM ROOF COATINGS	400				THIN MEDIUM DENSITY FIBE 1. VALUES IN THIS TABLE ARE DE
			BASEMENT SPECIALTY COATINGS	400				AIR TOXICS CONTROL MEASURE ADDITIONAL INFORMATION, SEE
			BITUMINOUS ROOF COATINGS	50				93120.12. 2. THIN MEDIUM DENSITY FIBERI
			BITUMINOUS ROOF PRIMERS BOND BREAKERS	350				
			CONCRETE CURING COMPOUNDS	350				5.504.4.6 Resilient flooring resilient flooring shall meet at
			CONCRETE/MASONRY SEALERS	100				1. Certified under the
			DRIVEWAY SEALERS	50				2. Compliant with the Department of Pub
			DRY FOG COATINGS	150				Version 1.1, Februa 3. Compliant with the
			FAUX FINISHING COATINGS	350				and listed in the CH 4. Products certified u
			FIRE RESISTIVE COATINGS	350				Program).
			FLOOR COATINGS	100				5.504.4.6.1 Verificatio materials meet the poll
			FORM-RELEASE COMPOUNDS GRAPHIC ARTS COATINGS (SIGN PAINTS)	250				5.504.5.3 Filters. In mechan
			HIGH-TEMPERATURE COATINGS	420				filtration media for outside and 13. MERV 13 filters shall be i
			INDUSTRIAL MAINTENANCE COATINGS	250				the same value shall be inclue
			LOW SOLIDS COATINGS1	120				Exceptions: Existing mecha
			MAGNESITE CEMENT COATINGS	450				5.504.5.3.1 Labeling. Ins rating.
			MASTIC TEXTURE COATINGS	100	m	×		5.504.7 ENVIRONMENTAL TOBAC
			METALLIC PIGMENTED COATINGS	500			r	prohibit smoking within 25 feet of bu already prohibited by other laws or r
			MULTICOLOR COATINGS PRETREATMENT WASH PRIMERS	250 420				county, city and county, California C University of California, whichever a
			PRIMERS, SEALERS, & UNDERCOATERS	100				signage to inform building occupant
			REACTIVE PENETRATING SEALERS	350				
			RECYCLED COATINGS	250		~		SECTION 5.505 INDOOR
			ROOF COATINGS	50		×		5.505.1 INDOOR MOISTURE CON CCR, Title 24, Part 2, Sections 1202
			RUST PREVENTATIVE COATINGS	250				Section 5.407.2 of this code.
			SHELLACS:	au waxaada	X			SECTION 5.506 INDOOR 5.506.1 OUTSIDE AIR DELIVERY.
			CLEAR	730			ē	requirements of Section 120.1 (Req code, whichever is more stringent, a
			OPAQUE	550		×		5.506.2 CARBON DIOXIDE (CO2)
			SPECIALTY PRIMERS, SEALERS & UNDERCOATER	RS 100			8	ventilation, CO ₂ sensors and ventila of the California Energy Code, Secti
			STAINS	250				SECTION 5.507 ENVIRO
			STONE CONSOLIDANTS	450		×		5.507.4 ACOUSTICAL CONTROL. (STC) values determined in accorda
			SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS	340				Class (OITC) determined in accorda
			TUB & TILE REFINISH COATINGS	420				Section 5.507.4.1 or 5.507.4.2.
			WATERPROOFING MEMBRANES	250				Exception: Buildings with fer noise, as determined by the e
			WOOD COATINGS	275				structures and utility buildings
			WOOD PRESERVATIVES	350				Exception: [DSA-SS] For pu subsections apply only to new
			ZINC-RICH PRIMERS	340				5.507.4.1 Exterior noise tran
			 GRAMS OF VOC PER LITER OF COATING, INCLUDING WA THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVI 					the noise source making up the rating of at least 50 or a comp
			THE TABLE.					40 or OITC of 30 in the follow
			3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPEN ARCHITECTURAL COATINGS SUGGESTED CONTROL MEASU					1. Within the 65 CNEL
			FROM THE AIR RESOURCES BOARD.					Exceptions:
				nce with this section shall be provided at the request of				1. Ldn or CNEL Land Use Zo
			the enforcing agency. Documentation may includ 1. Manufacturer's product specification					2. Ldn or CNEL shall be dete
			2. Field verification of on-site product cor					2. Within the 65 CNEI
			product requirements:	uilding interior shall meet at least one of the testing and				fixed-guideway sou
			1. Carpet and Rug Institute's Green Label Plus					5.507.4.1.1. Noise exp noise level of 65 dB L _{ec}
				od for the Testing and Evaluation of Volatile Organic				exterior wall and roof-c at least 45 (or OITC 35
			2010 (also known as CDPH Standard Metho	sing Environmental Chambers, Version 1.1, February of V1.1 or Specification 01350).				5.507.4.2 Performance Met
			 NSF/ANSI 140 at the Gold level or higher; Scientific Certifications Systems Sustainable 					roof-ceiling assemblies expos
			Compliant with the Collaborative for High Per listed in the CHPS High Performance Product	rformance Schools California (2014 CA-CHPS) Criteria ct Database.				envelope shall be constructed not exceed an hourly equivale
			je z stav je se obce necesnosti v tri felse zakrodno preto ov € 1940 to te berone skolje je overske poso kontra stav					5.507.4.2.1 Site Featu
			requirements of the Carpet and Rug Institu	ishion installed in the building interior shall meet the ute Green Label program.				appropriate to the build
			5.504.4.4.2 Carpet adhesive. All carpet a	dhesive shall meet the requirements of Table 5.504.4.1.				5.507.4.2.2 Documen sound levels shall be pr
			5.504.4.5 Composite wood products. Hardwood plyv					5.507.4.3 Interior sound tran
				Measure (ATCM) for Composite Wood (17 CCR 93120 et				spaces and public places sha
			seq.). Those materials not exempted under the ATCM Table 5.504.4.5.	must meet the specified emission limits, as shown in				Note: Examples of assemblie Noise Control: www.toolbase
			5.504.4.5.3 Documentation. Verification	of compliance with this section shall be provided as				SECTION 5.508 OUTDO
				mentation shall include at least one of the following:	×			5.508.1 Ozone depletion and gree equipment shall comply with Section
			 Product certifications and specif Chain of custody certifications. 	fications.				5.508.1.1 Chlorofluorocarbo
				s meeting the Composite Wood Products regulation (see at seq.).				contain CFCs.
			Exterior grade products marked	I as meeting the PS-1 or PS-2 standards of the the Australian AS/NZS 2269 or European 636 3S				5.508.1.2 Halons. Install HVA
			standards.			⋈		5.508.2 Supermarket refrigerant le
			5. Other methods acceptable to the	s chorony agoncy.				provisions of this section when insta utilize either refrigerated display cas
								condensing units. The leak reduction (high-GWP) refrigerants with a GWP
								replacement of existing refrigeration
								Exception: Refrigeration systems c value less than 150 are not subject
								that include ammonia, carbon dioxic
A	GRE	EN BUILC	ING STANDARDS (CALGREEN) CODE. DUE TO THE VARIABLES BET	WEEN BUILDING DEPARTMENT JURISDICTIONS, THIS CHECK	.IST I	S TC) BE USE	D ON AN INDIVIDUAL PROJECT BASIS ANI
			Sar dil	Ti:				
-			· · · · · · · · · · · · · · · · · · ·)/	\D	\checkmark

JF UAKLAND
RTMENT OF ENGINEERING & CONSTRUCTION
50 FRANK H. OGAWA PLAZA SUITE 4314 OAKLAND, CA 94612

(510) 238-3437

INFRASTRUCTURE IMPROVEMENTS **125 14TH STREET**

FORMAL	DEHYD	E LIMITS.	

FORMALDEHYDE LIMITS	ĺ.
IYDE EMISSIONS IN PARTS PER M	ILLION
	CURRENT LIMIT
VENEER CORE	0.05
COMPOSITE CORE	0.05
	0.09
RBOARD	0.11
FIBERBOARD2	0.13

Y N/A RESPON. PARTY

RE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD. URE FOR COMPOSITE WOOD AS TESTED IN ACCORDANCE WITH ASTM E 1333. FOR SEE CALIFORNIA CODE OF REGULATIONS, TITLE 17, SECTIONS 93120 THROUGH

BERBOARD HAS A MAXIMUM THICKNESS OF 5/16 INCHES (8 MM).

ing systems. For 80 percent of floor area receiving resilient flooring, installed eet at least one of the following:

the Resilient Floor Covering Institute (RFCI) FloorScore program; the VOC-emission limits and testing requirements specified in the California Public Health's 2010 Standard Method for the Testing and Evaluation Chambers, ebruary 2010; the Collaborative for High Performance Schools California (2014 CA-CHPS) Criteria

the CHPS High Performance Product Database; or fied under UL GREENGUARD Gold (formerly the Greenguard Children's & Schools

ation of compliance. Documentation shall be provided verifying that resilient flooring pollutant emission limits.

hanically ventilated buildings, provide regularly occupied areas of the building with air le and return air that provides at least a Minimum Efficiency Reporting Value (MERV) of be installed prior to occupancy, and recommendations for maintenance with filters of ncluded in the operation and maintenance manual.

echanical equipment.

Installed filters shall be clearly labeled by the manufacturer indicating the MERV

BACCO SMOKE (ETS) CONTROL. Where outdoor areas are provided for smoking, of building entries, outdoor air intakes and operable windows and within the building as s or regulations; or as enforced by ordinances, regulations or policies of any city, nia Community College, campus of the California State University, or campus of the ver are more stringent. When ordinances, regulations or policies are not in place, post pants of the prohibitions.

OR MOISTURE CONTROL

CONTROL. Buildings shall meet or exceed the provisions of California Building Code, 1202 (Ventilation) and Chapter 14 (Exterior Walls). For additional measures, see

OR AIR QUALITY

ERY. For mechanically or naturally ventilated spaces in buildings, meet the minimum Requirements For Ventilation) of the California Energy Code, or the applicable local ent, and Division 1, Chapter 4 of CCR, Title 8.

:O2) MONITORING. For buildings or additions equipped with demand control ntilation controls shall be specified and installed in accordance with the requirements Section 120(c)(4).

RONMENTAL COMFORT

ROL. Employ building assemblies and components with Sound Transmission Class cordance with ASTM E 90 and ASTM E 413, or Outdoor-Indoor Sound Transmission cordance with ASTM E 1332, using either the prescriptive or performance method in

ith few or no occupants or where occupants are not likely to be affected by exterior the enforcement authority, such as factories, stadiums, storage, enclosed parking

or public schools and community colleges, the requirements of this section and all new construction.

transmission, prescriptive method. Wall and roof-ceiling assemblies exposed to up the building or addition envelope or altered envelope shall meet a composite STC composite OITC rating of no less than 40, with exterior windows of a minimum STC of ollowing locations:

CNEL noise contour of an airport.

NEL for military airports shall be determined by the facility Air Installation Compatible se Zone (AICUZ) plan. NEL for other airports and heliports for which a land use plan has not been developed determined by the local general plan noise element.

CNEL or Ldn noise contour of a freeway or expressway, railroad, industrial source or y source as determined by the Noise Element of the General Plan.

exposure where noise contours are not readily available. Buildings exposed to a B L_{eo} - 1-hr during any hour of operation shall have building, addition or alteration pof-ceiling assemblies exposed to the noise source meeting a composite STC rating of C 35), with exterior windows of a minimum STC of 40 (or OITC 30).

Method. For buildings located as defined in Section 5.507.4.1 or 5.507.4.1.1, wall and exposed to the noise source making up the building or addition envelope or altered ucted to provide an interior noise environment attributable to exterior sources that does uivalent noise level (Leq-1Hr) of 50 dBA in occupied areas during any hour of operation.

Features. Exterior features such as sound walls or earth berms may be utilized as building, addition or alteration project to mitigate sound migration to the interior.

mentation of Compliance. An acoustical analysis documenting complying interior be prepared by personnel approved by the architect or engineer of record.

transmission. Wall and floor-ceiling assemblies separating tenant spaces and tenant s shall have an STC of at least 40.

mblies and their various STC ratings may be found at the California Office of lbase.org/PDF/CaseStudies/stc_icc_ratings.pdf.

DOOR AIR QUALITY

greenhouse gas reductions. Installations of HVAC, refrigeration and fire suppression actions 5.508.1.1 and 5.508.1.2.

carbons (CFCs). Install HVAC, refrigeration and fire suppression equipment that do not

HVAC, refrigeration and fire suppression equipment that do not contain Halons.

nt leak reduction. New commercial refrigeration systems shall comply with the installed in retail food stores 8,000 square feet or more conditioned area, and that cases, or walk-in coolers or freezers connected to remote compressor units or

iction measures apply to remgeration systems containing high-global-warming potentia GWP of 150 or greater. New refrigeration systems include both new facilities and the ation systems in existing facilities.

ms containing low-global warming potential (low-GWP) refrigerant with a GWP ject to this section. Low-GWP refrigerants are nonozone-depleting refrigerants ioxide (CO₂), and potentially other refrigerants.

5.508.2.1 Refrigerant piping. Piping compliant with the California Mechanical Code shall be installed to be accessible for leak protection and repairs. Piping runs using threaded pipe, copper tubing with an outside diameter (OD) less than 1/4 inch, flared tubing connections and short radius elbows shall not be used in refrigerant systems except as noted below. 5.508.2.1.1 Threaded pipe. Threaded connections are permitted at the compressor rack. 5.508.2.1.2 Copper pipe. Copper tubing with an OD less than 1/4 inch may be used in systems with a refrigerant charge of 5 pounds or less. 5.508.2.1.2.1 Anchorage. One-fouth-inch OD tubing shall be securely clamped to a rigid base to keep vibration levels below 8 mils. 5.508.2.1.3 Flared tubing connections. Double-flared tubing connections may be used for pressure controls, valve pilot lines and oil. Exception: Single-flared tubing connections may be used with a multiring seal coated with industrial sealant suitable for use with refrigerants and tightened in accordance with manufacturer's recommendations. 5.508.2.1.4 Elbows. Short radius elbows are only permitted where space limitations prohibit use of long radius elbows. 5.508.2.2 Valves. Valves Valves and fittings shall comply with the California Mechanical Code and as follows. 5.508.2.2.1 Pressure relief valves. For vessels containing high-GWP refrigerant, a rupture disc shall

be installed between the outlet of the vessel and the inlet of the pressure relief valve. 5.508.2.2.1.1 Pressure detection. A pressure gauge, pressure transducer or other device shall be installed in the space between the rupture disc and the relief valve inlet to indicate a disc rupture or discharge of the relief valve.

5.508.2.2.2 Access valves. Only Schrader access valves with a brass or steel body are permitted for use.

5.508.2.2.1 Valve caps. For systems with a refrigerant charge of 5 pounds or more, valve caps shall be brass or steel and not plastic.

5.508.2.2.2 Seal caps. If designed for it, the cap shall have a neoprene O-ring in place.

5.508.2.2.2.1 Chain tethers. Chain tethers to fit ovr the stem are required for valves designed to have seal caps. Exception: Valves with seal caps that are not removed from the valve during stem

operation 5.508.2.3 Refrigerated service cases. Refrigerated service cases holding food products containing vinegar and salt shall have evaporator coils of corrosion-resistant material, such as stainless steel; or be coated to prevent

corrosion from these substances. 5.508.2.3.1 Coil coating. Consideration shall be given to the heat transfer efficiency of coil coating to maximize energy efficiency.

5.508.2.4 Refrigerant receivers. Refrigerant receivers with capacities greater than 200 pounds shall be fitted with a device tha indicates the level of refrigerant in the receiver.

5.508.2.5 Pressure testing. The system shall be pressure tested during installation prior to evacuation and charging

5.508.2.5.1 Minimum pressure. The system shall be charged with regulated dry nitrogen and appropriate tracer gas to bring system pressure up to 300 psig minimum. 5.508.2.5.2 Leaks. Check the system for leaks, repair any leaks, and retest for pressure using the same

5.508.2.5.3 Allowable pressure change. The system shall stand, unaltered, for 24 hours with no more than a +/- one pound pressure change from 300 psig, measured with the same gauge.

5.508.2.6 Evacuation. The system shall be evacuated after pressure testing and prior to charging. 5.508.2.6.1 First vacuum. Pull a system vacuum down to at least 1000 microns (+/- 50 microns), and hold for 30 minutes.

5.508.2.6.2 Second vacuum. Pull a second system vacuum to a minimum of 500 microns and hold for 30 minutes

5.508.2.6.3 Third vacuum. Pull a third vacuum down to a minimum of 300 microns, and hold for 24 hours with a maximum drift of 100 microns over a 24-hour period.

CHAPTER 7 INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS 702 QUALIFICATIONS

702.1 INSTALLER TRAINING. HVAC system installers shall be trained and certified in the proper installation of HVAC systems including ducts and equipment by a nationally or regionally recognized training or certification program. Uncertified persons may perform HVAC installations when under the direct supervision and responsibility of a person trained and certified to install HVAC systems or contractor licensed to install HVAC systems. Examples of acceptable HVAC training and certification programs include but are not limited to the following:

1. State certified apprenticeship programs.

Public utility training programs. Training programs sponsored by trade, labor or statewide energy consulting or verification organizations. 4. Programs sponsored by manufacturing organizations. 5. Other programs acceptable to the enforcing agency.

702.2 SPECIAL INSPECTION [HCD]. When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition to other certifications or qualifications acceptable to the enforcing agency, the following certifications or education may be considered by the enforcing agency when evaluating the qualifications of a special inspector:

1. Certification by a national or regional green building program or standard publisher.

2. Certification by a statewide energy consulting or verification organization, such as HERS raters, building performance contractors, and home energy auditors.

3. Successful completion of a third party apprentice training program in the appropriate trade. Other programs acceptable to the enforcing agency.

Notes:

1. Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code. 2. HERS raters are special inspectors certified by the California Energy Commission (CEC) to rate homes in California according to the Home Energy Rating System (HERS).

[BSC-CG] When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition, the special inspector shall have a certification from a recognized state, national or international association, as determined by the local agency. The area of certification shall be closely related to the primary job function, as determined by the local agency.

Note: Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.

703 VERIFICATIONS

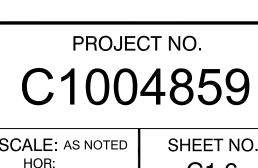
703.1 DOCUMENTATION. Documentation used to show compliance with this code shall include but is not limited to, construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which demonstrate substantial conformance. When specific documentation or special inspection is necessary to verify compliance, that method of compliance will be specified in the appropriate section or identified applicable checklist.

	KATHLEEN ROUSEAU	No.	DATE	BY	REFERENCE	
CED ARCA		1	02.17.23	RPR	ISSUED FOR BID	CALGREEN
SETEN A. POLICE	RCE NO. <u>C19081</u> EXP. <u>06.23</u>					
NO. C19D81	CHECKED BY AWC / KAR					
Exp. 6/23	DESIGNED BY AWC / KAR					
CAU	DRAWN BY AWC					

RESPON, PARTY

NOT APPLICABLE RESPONSIBLE PARTY (ie: ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

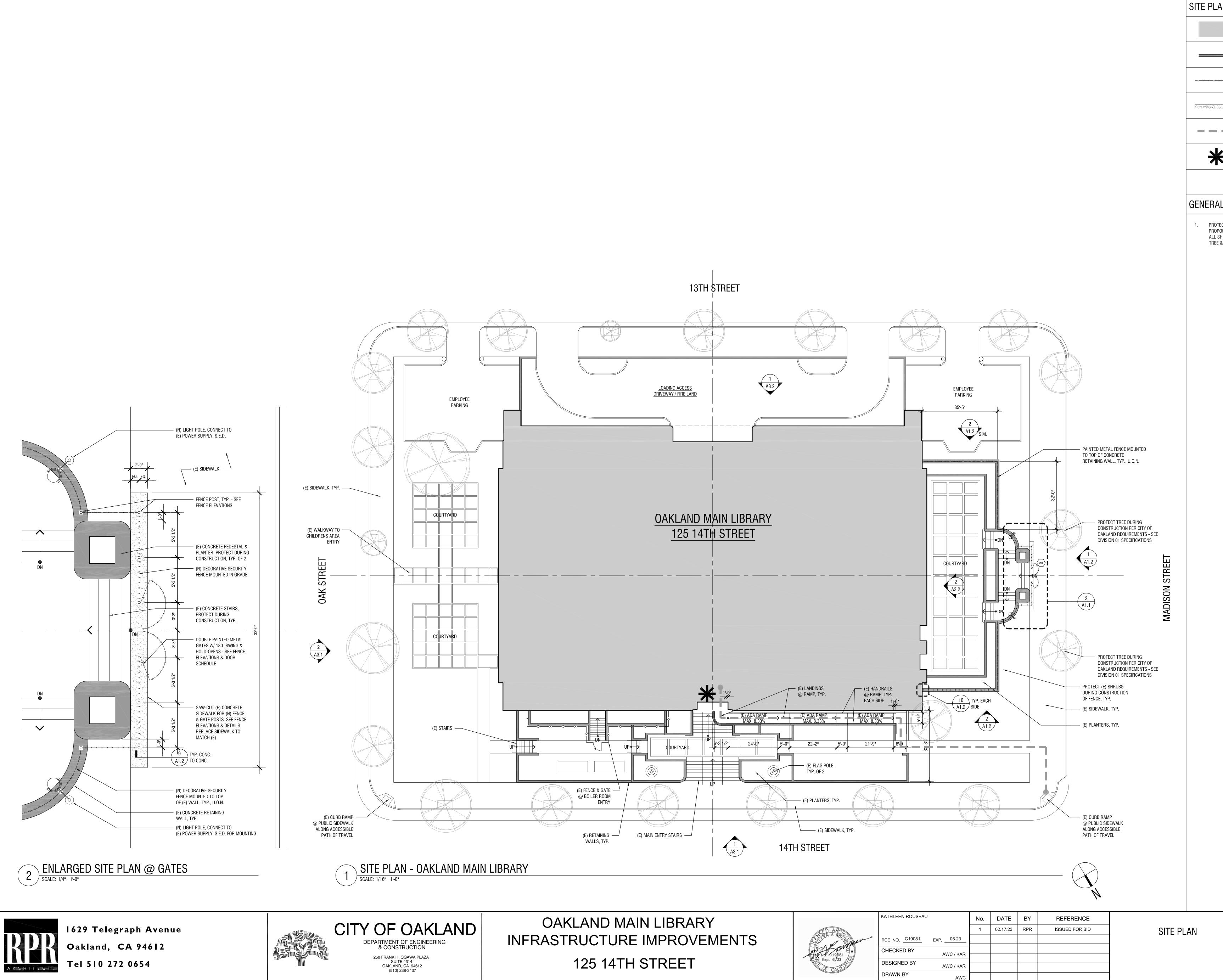
S AND MAY BE MODIFIED BY THE END USER TO MEET THOSE INDIVIDUAL NEEDS. THE END USER ASSUMES ALL RESPONSIBILITY ASSOCIATED WITH THE USE OF THIS DOCUMENT, INCLUDING VERIFICATION WITH THE FULL CODE.



VERT:

DATE: 02.17.23

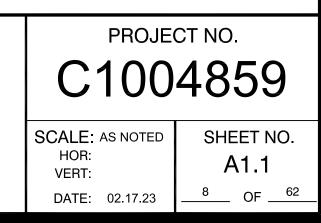
G1.6

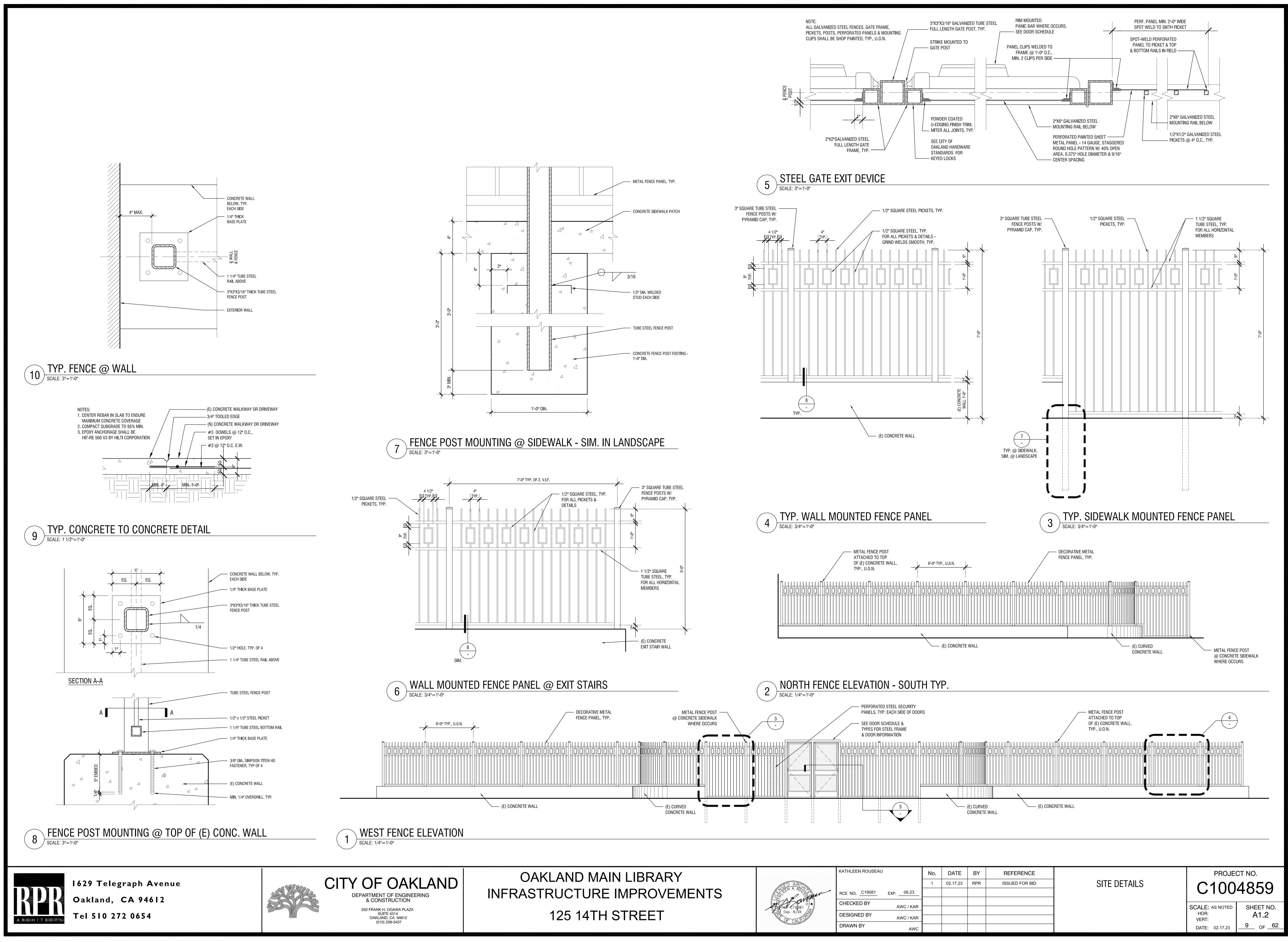


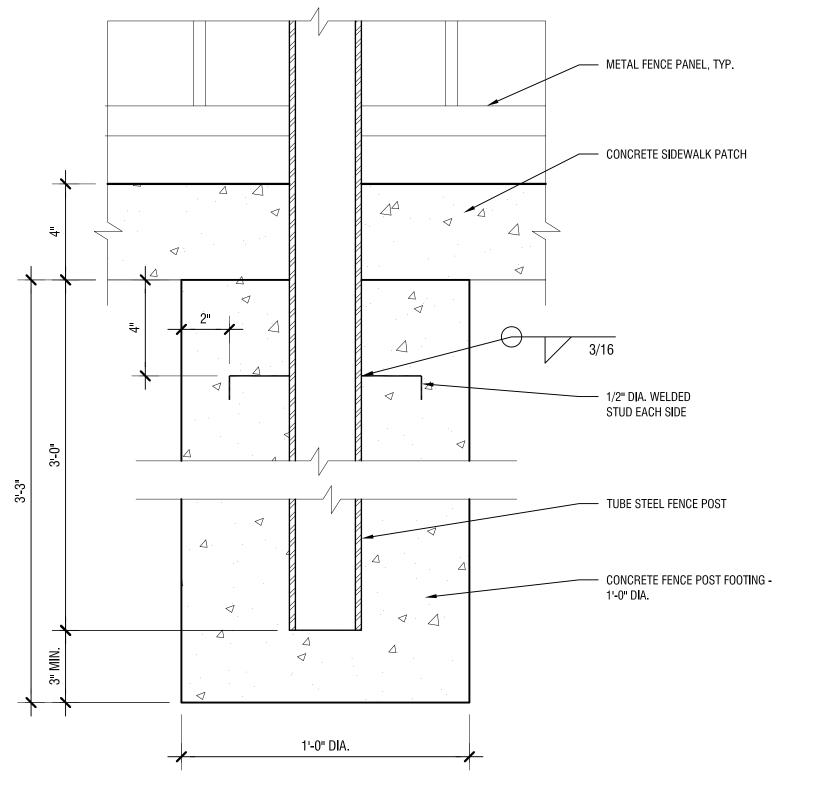
AN KEY	
	(E) BUILDING FOOTPRINT
	(E) SITE RETAINING WALLS
xxx	PROPOSED SITE FENCE
<u> HERR</u>	AREA OF (N) SIDEWALK
-	(E) ACCESSIBLE PATH OF TRAVEL
f	LOCATION OF (E) ACCESSIBLE BUILDING ENTRANCE

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 SPEFICATIONS.

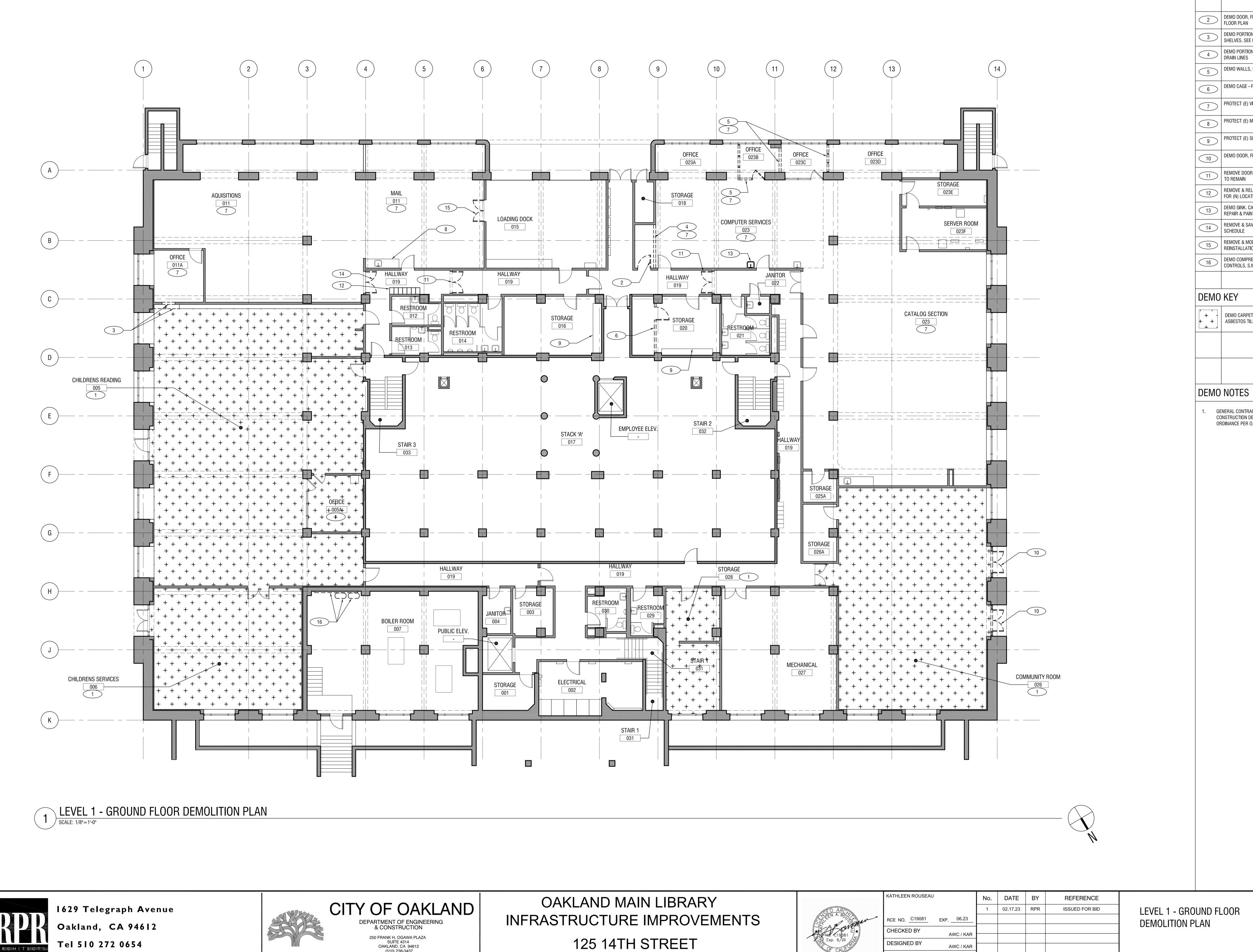








			_			
	KATHLEEN ROUSEAU	No.	DATE	BY	REFERENCE	
CED ARCAN		1	02.17.23	RPR	ISSUED FOR BID	SITE DETAILS
SETEN A. POLICE	RCE NO. <u>C19081</u> EXP. <u>06.23</u>					
	CHECKED BY AWC / KAR					
Exp. 6/23						
OF CALLES	DESIGNED BY AWC / KAR					
CAU	DRAWN BY AWC					



ARCHITECTS

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

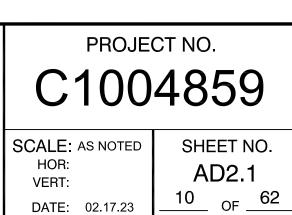
125 14TH STREET

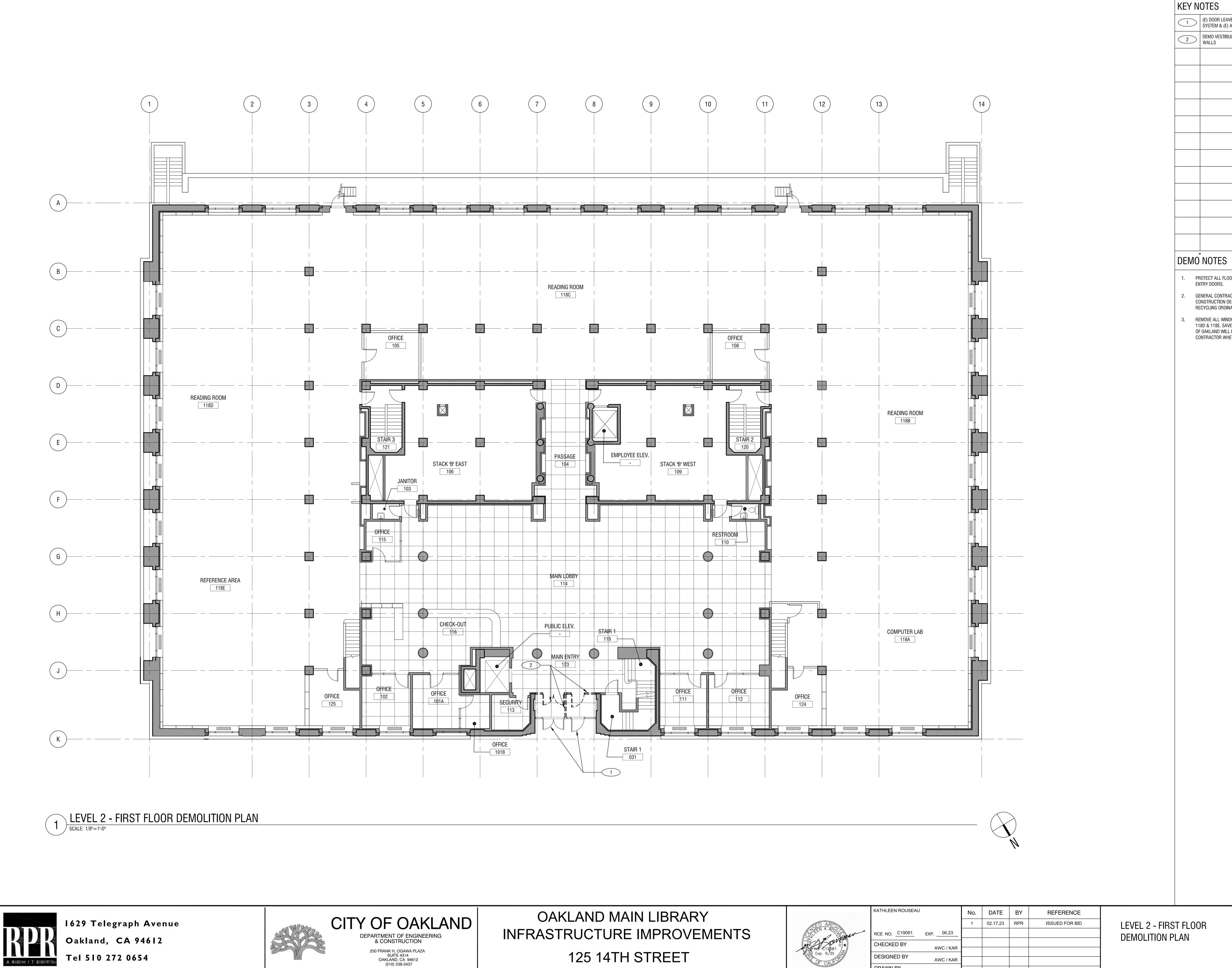
	KATHLEEN ROUSEAU	N	lo.	DATE	BY	REFERENCE
ARCA			1	02.17.23	RPR	ISSUED FOR BID
A. POLIN	RCE NO. <u>C19081</u> EXP. <u>0</u>	6.23				
SON *	CHECKED BY					
C19081		; / KAR				
CALIFOR	DESIGNED BY AWC	: / KAR				
	DRAWN BY	AWC				

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 REQ'D 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
	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 CARPET - VERIFY SUBSTRATE BENEATH. PROTECT VINYL + + | ASBESTOS TILE IF OCCURS BENEATH CARPET

. GENERAL CONTRACTOR MUST COMPLY W/ CITY OF OAKLAND CONSTRUCTION DEMOLITION & DEBRIS WASTE REDUCTION & RECYCLING ORDINANCE PER 0.M.C. SECTION 15.34.





A LICE	ED ARCH EN A. ROUTE NO. C19081 Exp. 6/23 OF CALLO	av	

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

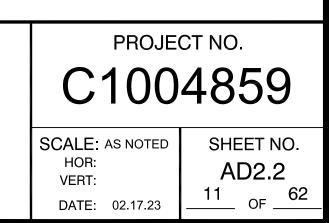
LEVEL 2 - FIRST FLOOR

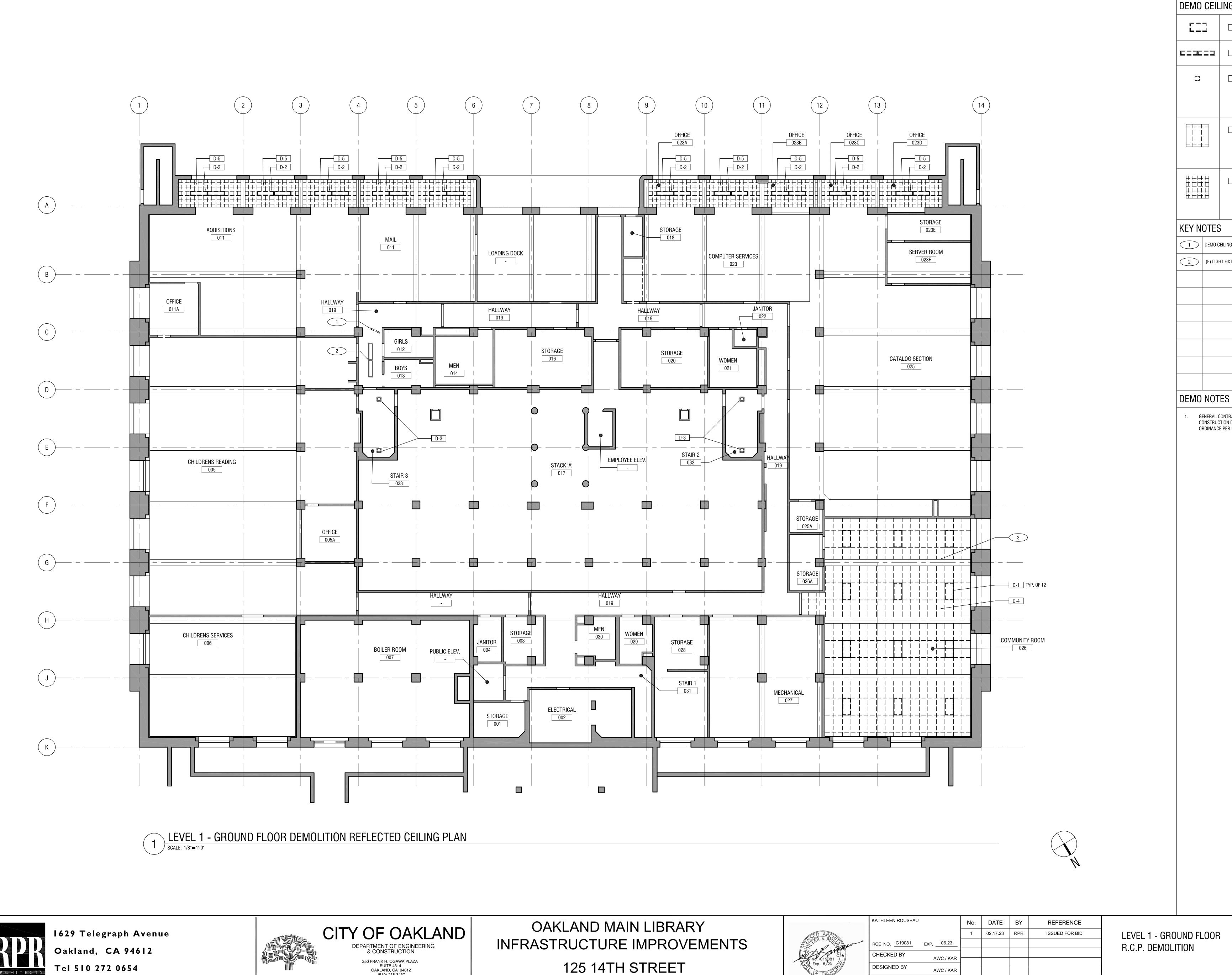
(E) DOOR LEAVES @ MAIN ENTRY TO REMAIN - PROTECT STOREFRONT SYSTEM & (E) AUTOMATIC ADA PUSH BUTTON DOOR OPENER 2 DEMO VESTIBULE & ASSOCIATED DOORS & CEILING - PROTECT FLOORS & WALLS WALLS

1. PROTECT ALL FLOORING SURFACES DURING DEMOLITION @ FRONT

GENERAL CONTRACTOR MUST COMPLY W/ CITY OF OAKLAND CONSTRUCTION DEMOLITION & DEBRIS WASTE REDUCTION & RECYCLING ORDINANCE PER 0.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.





ARCHITECTS

Oakland, CA 94612

Tel 510 272 0654



INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

			INO.	DATE
ARCAN			1	02.17.23
A. POLITICAL	RCE NO. <u>C19081</u> EX	KP06.23		
FONE *	CHECKED BY	AWC / KAR		
p. 6/23		AVVC / NAK		
CALE	DESIGNED BY	AWC / KAR		
	DRAWN BY	AWC		

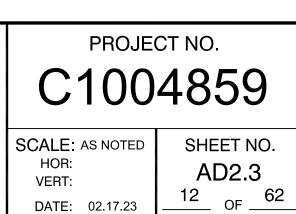
R.C.P. DEMOLITION

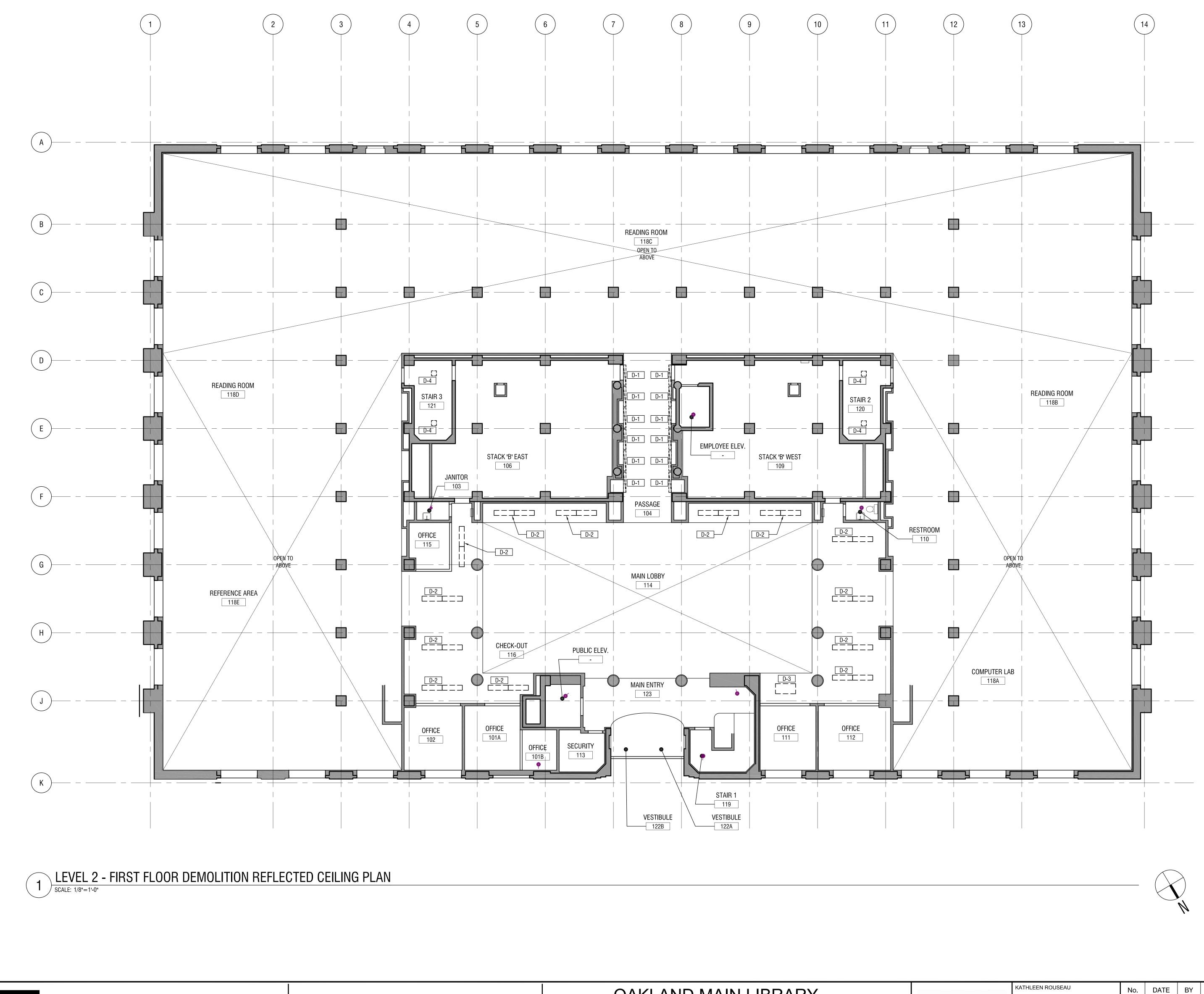
EIL	ING KEY	
	D-1	DEMO RECESSED 2X4 FLUORESCENT LIGHT FIXTURE
	D-2	DEMO SURFACE MOUNTED DOUBLE 1X4 FLUORESCENT LIGHT FIXTURE
	D-3	DEMO FLUORESCENT LIGHT FIXTURE, TYP. @ ALL LEVELS OF STAIR #1 & STAIR #2. PROVIDE TEMPORARY EMERGENCY LIGHTING FOR ENTIRE STAIRWAY DURING CONSTRUCTION
	D-4	DEMO 24X48 ACOUSTICAL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

DEMO CEILING MOUNTED SIGNAGE. SAVE FOR FUTURE USE

2 (E) LIGHT FIXTURES TO REMAIN

1. GENERAL CONTRACTOR MUST COMPLY W/ CITY OF OAKLAND CONSTRUCTION DEMOLITION & DEBRIS WASTE REDUCTION & RECYCLING ORDINANCE PER 0.M.C. SECTION 15.34.





ARCHITECTS

1629 Telegraph Avenue Oakland, CA 94612 Tel 510 272 0654



OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS

CITY OF OAKLAND DEPARTMENT OF ENGINEERING & CONSTRUCTION 250 FRANK H. OGAWA PLAZA SUITE 4314 OAKLAND, CA 94612 (510) 238-3437

125 14TH STREET



KATHLEEN ROUSEAU	
RCE NO. <u>C19081</u>	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 DEMOLITION REFLECTED CEILING PLAN

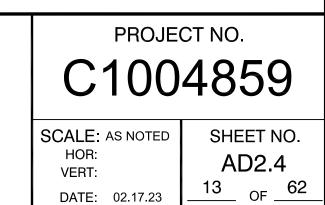
GENERAL

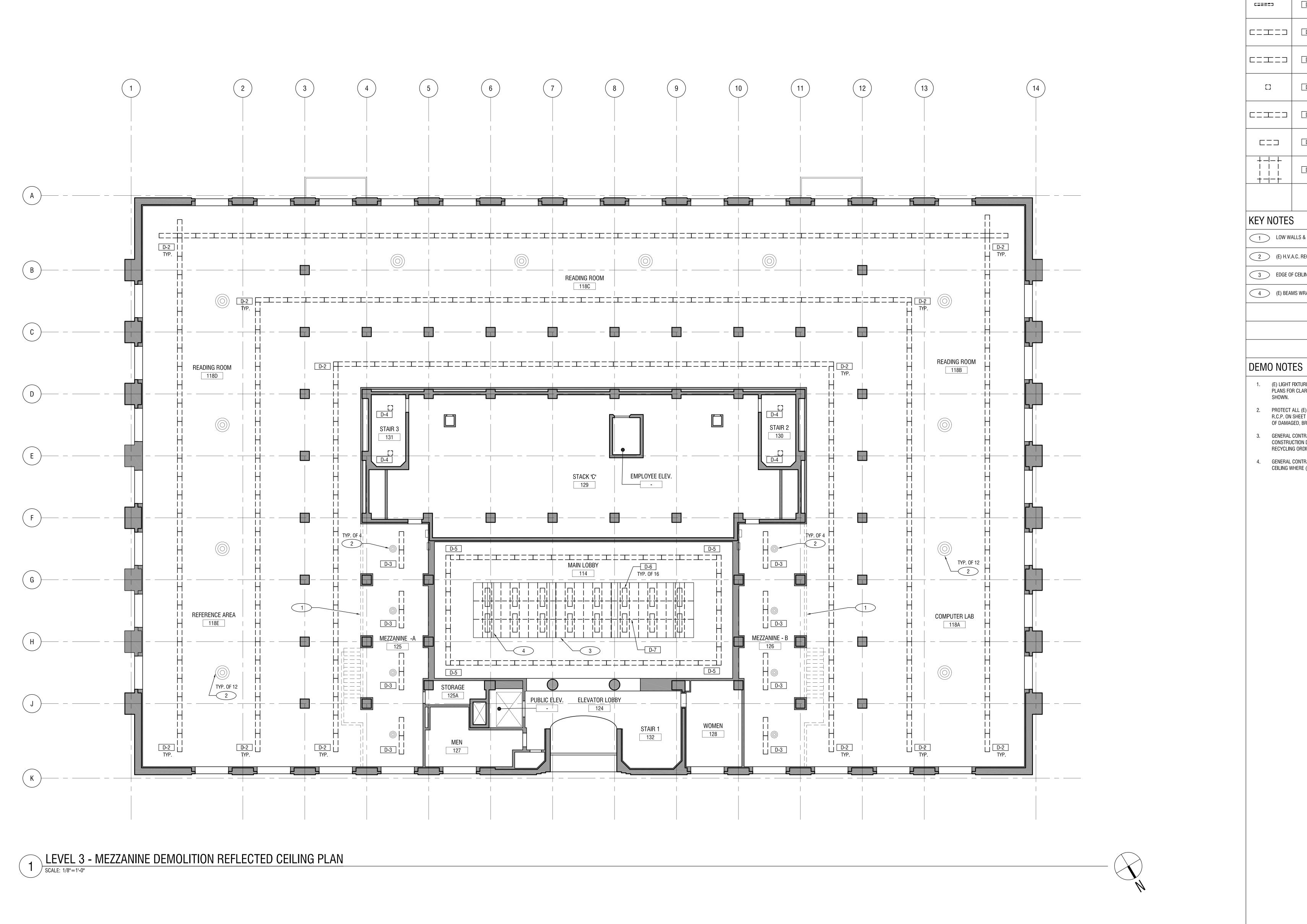
- SHOWN.

DEMO CEIL	ING KEY			
C2223	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				

1. (E) LIGHT FIXTURES NOT SHOWN ON DEMOLITION REFLECTED CEILING PLANS FOR CLARITY - ONLY LIGHT FIXTURES TO BE REMOVED ARE

2. SEE REFLECTED CEILING PLAN FOR MORE INFORMATION PERTAINING TO REMOVAL & REPLACEMENT OF (E) ACOUSTICAL CEILING TILES. 3. GENERAL CONTRACTOR MUST COMPLY W/ CITY OF OAKLAND CONSTRUCTION DEMOLITION & DEBRIS WASTE REDUCTION & RECYCLING ORDINANCE PER 0.M.C. SECTION 15.34.

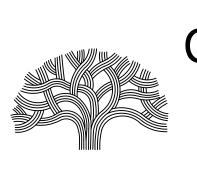






ARCHITECTS

1629 Telegraph Avenue Oakland, CA 94612 Tel 510 272 0654





OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

DEPARTMENT OF ENGINEERING & CONSTRUCTION 250 FRANK H. OGAWA PLAZA SUITE 4314 OAKLAND, CA 94612 (510) 238-3437

	N

ΒY

RPR

KATHLEEN ROUSEAU	No.	DATE
	1	02.17.23
RCE NO. <u>C19081</u> EXP. <u>06.23</u>		
CHECKED BY		
DESIGNED BY		
AWC / KAR		
DRAWN BY AWC		

REFERENCE ISSUED FOR BID

LEVEL 3 - MEZZANINE DEMOLITION REFLECTED **CEILING PLAN**

DEMO CEILING KEY						
C2223	D-1	DEMO WALL MOUNTED RECESSED FIXTURE				
	D-2	DEMO CONTINUOUS STRIP SURFACE MOUNTED 1X4 FLUORESCENT LIGHT FIXTURES				
	D-3	DEMO SURFACE MOUNTED DOUBLE 1X4 FLUORESCENT LIGHT FIXTURE				
[]	D-4	DEMO SURFACE MOUNTED 1X1 FLUORESCENT LIGHT FIXTURE, TYP. @ ALL LEVELS OF STAIR #1 & STAIR #2				
	D-5	DEMO RECESSED CONTINUOUS STRIP 1X4 FLUORESCENT LIGHT FIXTURE				
	D-6	DEMO PENDANT MOUNTED 1X4 FLUORESCENT LIGHT FIXTURE, TYP. OF 16 IN SKYLIGHT WELL				
	D-7	REMOVE & CLEAN 2X4 GRID CEILING & BAFFLES @ SKYLIGHT WELL. SAVE FOR REINSTALLATION, SEE R.C.P., TYP.				
	·					

1 LOW WALLS & STAIRS @ MEZZANINE SHOW DASHED FOR REFERENCE

(2) (E) H.V.A.C. REGISTER, TYP.

3 EDGE OF CEILING OPENING @ SKYLIGHT

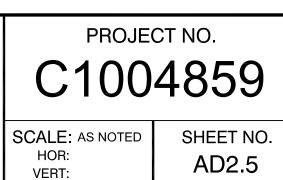
(E) BEAMS WRAPPED IN PLASTER

1. (E) LIGHT FIXTURES NOT SHOWN ON DEMOLITION REFLECTED CEILING PLANS FOR CLARITY - ONLY LIGHT FIXTURES TO BE REMOVED ARE

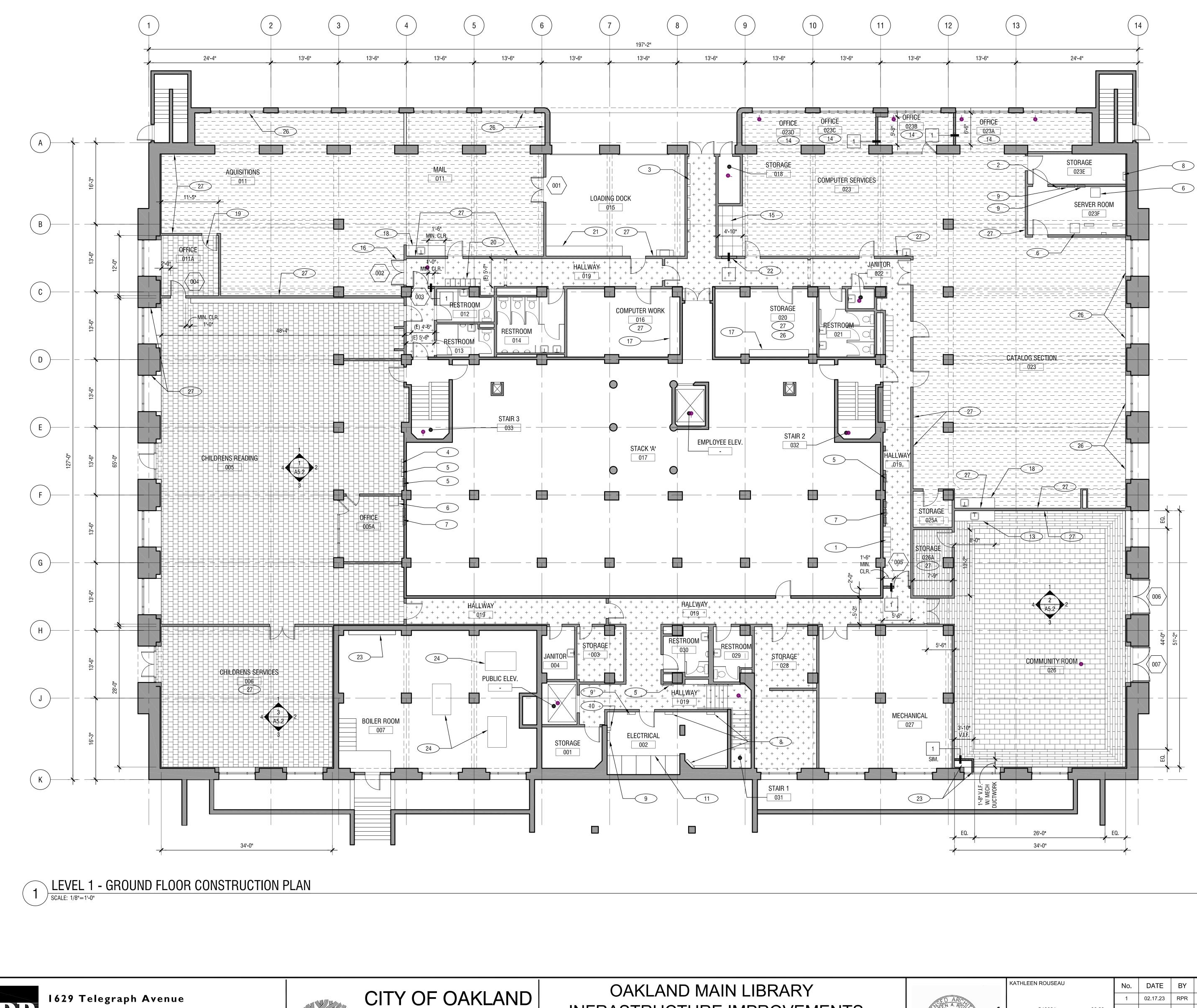
PROTECT ALL (E) 1X1 ACOUSTICAL CEILING TILES TO REMAIN. SEE R.C.P. ON SHEET A2.7 FOR DIRECTION PERTAINING TO REPLACEMENT OF DAMAGED, BROKEN OR WATER STAINED 1X1 TILES.

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

GENERAL CONTRACTOR TO COORDINATE SELECTIVE DEMO IN FIELD @ CEILING WHERE (N) FANS TO BE INSTALLED. SEE A2.7 & S1.2



DATE: 02.17.23





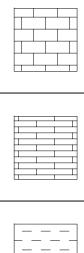


INFRASTRUCTURE IMPROVEMENTS

DEPARTMENT OF ENGINEERING & CONSTRUCTION 250 FRANK H. OGAWA PLAZA SUITE 4314 OAKLAND, CA 94612 (510) 238-3437

125 14TH STREET







GENERAL

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



KATHLEEN ROUSEAU			No.	DATE	В
			1	02.17.23	RF
RCE NO. <u>C19081</u>	EXP.	06.23			
CHECKED BY	А	WC / KAR			
DESIGNED BY	Δ	WC / KAR			
DRAWN BY					
		AWC			

LEVEL 1 - GROUND FLC
FINISH PLAN

REFERENCE

ISSUED FOR BID

(E) LOCKERS - TEMPORARILY REMOVE FOR FLOOR RESTORATION. 1 | \dot{r} install in original location, typ.

(E) SERVER ROOM EMERGENCY DISCONNECT SWITCH

(E) FIRE ALARM PANELS, TYP. ALONG WALL - PROTECT DURING

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.

REPLACE ELECTRICAL PANEL, S.E.D. PATCH, REPAIR & PAINT 5 | SURROUNDING WALLS TO MATCH (E). PROVIDE PAINTED WOOD TRIM AS REQUIRED FOR A CLEAN INSTALLATION, TYP.

(E) SERVER RACK

(E) DATA PANELS

(E) PHONE BOARDS

(E) ELECTRICAL PANEL, SEE ELECTRICAL DRAWINGS

(E) ELECTRICAL METER, SEE ELECTRICAL DRAWINGS

(E) MAIN ELECTRICAL SWITCHGEAR, SEE ELECTRICAL DRAWINGS

(E) SERVER RACK

MILLWORK, COUNTER & SINK - S.E.D., S.P.D.

REPAIR FLOORING IN AREA OF DEMO'D WALLS TO MATCH (E), TYP.

V.C.T. FLOOR FINISH IN VESTIBULE TO COLOR MATCH (E) ADJACENT V.A. - PROVIDE SCHLUTER TRANSITION STRIP BETWEEN FLOOR FINISHES

REINSTALL (E) DOORS & REVERSE SWING

PROTECT (E) SHELVING

PROTECT (E) MILLWORK, SINK & COUNTER

(E) DOOR TO BE PERMANENTLY LOCKED

RELOCATED (E) LOCKERS

(E) CABINETS TO REMAIN - PROTECT DURING CONSTRUCTION

WALL INFILL

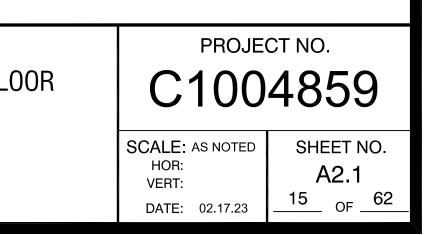
(N) BOILER CONTROLS, S.M.D. - COORDINATE IN FIELD W/ CITY OF OAKLAND PUBLIC WORKS & CITY OF OAKLAND I.T. DEPT. FOR ROUTING O LOW VOLTAGE COMMUNICATION CABLING TO BOILERS & ROOFTOP FAN

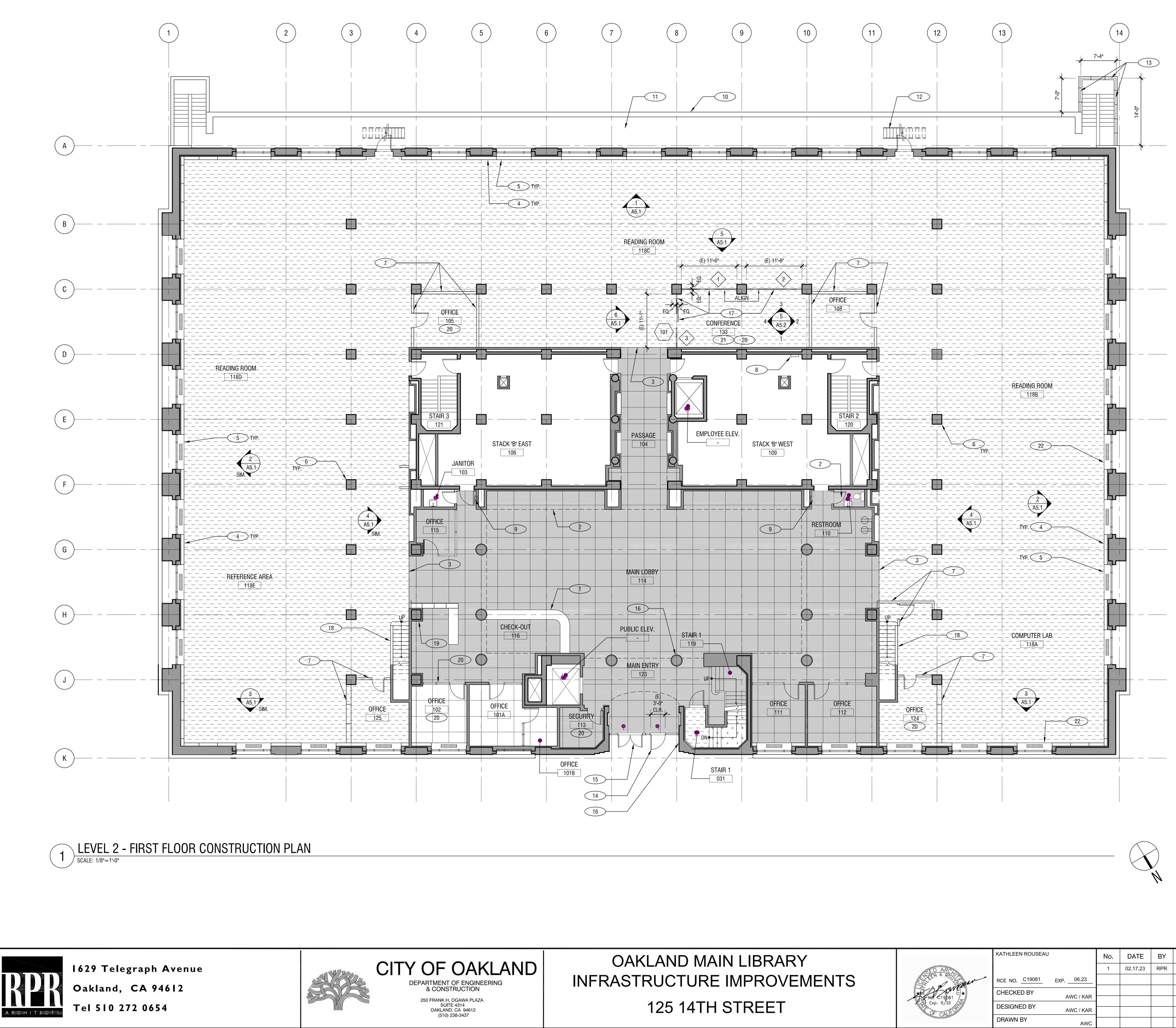
(E) BOILERS - S.M.D. FOR (N) BOILER CONTROLS

(N) MECHANICAL CHASE - COORDINATE IN FIELD W/ MECHANICAL 25 | 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.

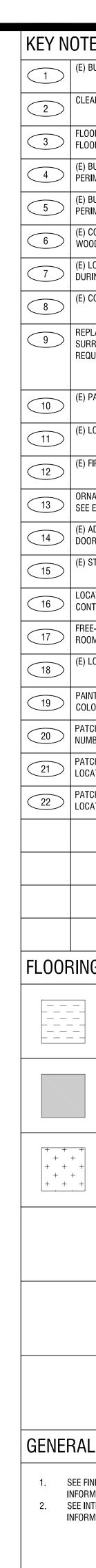
PAINT ALL SURFACE MOUNTED CONDUIT TO MATCH ADJACENT WALL COLOR, S.E.D. FOR NUMBER & LOCATIONS OF OUTLETS, TYP. PATCH, REPAIR & PAINT WALLS @ (N) OUTLET LOCATIONS, S.E.D. FOR 27 | NUMBER & LOCATIONS OF OUTLETS, TYP.

	DIAMOND POLISH & STAIN (E) STAINED CONCRETE FLOORING. COLOR TO MATCH (E)				
	MANUFACTURER: LINE: COLOR F-2: COLOR F-3: COLOR F-4 COLOR F-5 COLOR F-6 COLOR F-7 SIZE: PATTERN:	MANNINGTON COMMERCIAL STRUCTURE PRIMARY ELEMENTS LVT "POINT" #PE137 - 30% FIELD "BEAM" #PE132 - 20% ACCENT "CADMIA" #PE123 - 20% ACCENT "SPAR" #PE127 - 10% ACCENT "AZURE" #PE129 - 10% ACCENT "AURA" #PE124 - 10% ACCENT 12"X12" RANDOM T.B.D. IN FIELD BY INSTALLER PER FIELD & ACCENT COLOR PERCENTAGES			
	MANUFACTURER: LINE: STYLE: COLOR F-8: SIZE: DESCRIPTION:	MANNINGTON COMMERCIAL NO RESERVATINS XPRESS LVT WOOD "ENDLESS" #NR106 12"X24" PLANK FIELD			
	MANUFACTURER: LINE: STYLE: COLOR F-9: SIZE: DESCRIPTION:	MANNINGTON NO RESERVATIONS XPRESS LVT STONE "REBELLIOUS" #NR202 6"X36" PLANK ACCENT BORDER			
	CLEAN & RESTORE (ASBESTOS TILES	e) vinyl			
	REPAIR & RESTORE FLOORING & INTEGR				
	MANUFACTURER: LINE: COLOR: NUMBER: SIZE: PATTERN:	ARMSTRONG VINYL COMPOSITION TILE T.B.D. T.B.D. 12"X12" MONOLITHIC			
l NO	TES				









KATHLEEN ROUSEAU	
RCE NO. <u>C19081</u>	E
CHECKED BY	
DESIGNED BY	
DRAWN BY	

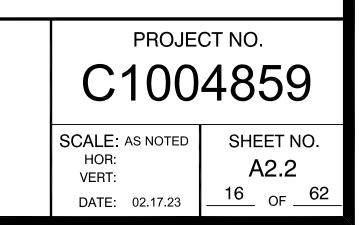
AU	No.	DATE	BY	REFERENCE
	1	02.17.23	RPR	ISSUED FOR BID
EXP. 06.23				
AWC / KAR				
AVVC / NAN				
AWC / KAR				

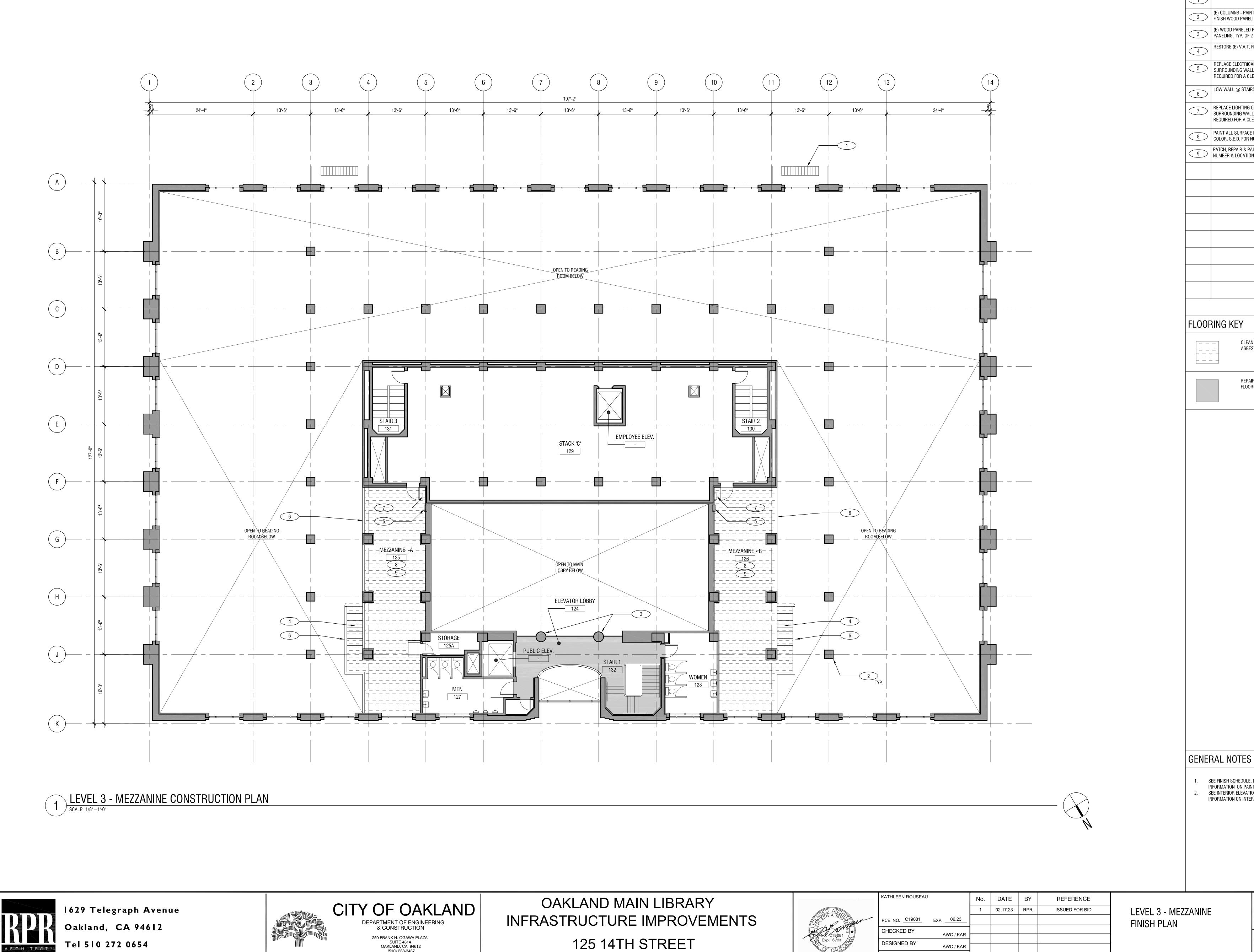
LEVEL 2 - FIRST FLOOR FINISH PLAN

TES
BUILT-IN WOOD CHECK OUT COUNTER
EAN TILE FLOORING IN RESTROOM #110
OOR TRANSITION STRIP TO MATCH COLOR OF ADJACENT OORING, TYP. OF 3
BUILT-IN WOOD BOOKSHELVES W/ CLEAR FINISH, TYP. @ BUILDING RIMETER - DO NOT PAINT, TYP PROTECT DURING CONSTRUCTION
BUILT-IN WOOD WINDOW SILL W/ CLEAR FINISH, TYP. @ BUILDING RIMETER - DO NOT PAINT, TYP PROTECT DURING CONSTRUCTION
COLUMNS - PAINT PLASTER PORTION - DO NOT PAINT (E) CLEAR FINISH DOD PANELING, TYP PROTECT CURING CONSTRUCTION
LOW WALLS @ OFFICE - WOOD PANELED - DO NOT PAINT - PROTECT IRING CONSTRUCTION
COMPUTER BREAKER PANEL, SEE ELECTRICAL DRAWINGS
PLACE ELECTRICAL PANEL, S.E.D. PATCH, REPAIR & PAINT IRROUNDING WALLS TO MATCH (E). PROVIDE PAINTED WOOD TRIM AS QUIRED FOR A CLEAN INSTALLATION, TYP.
PARAPET
LOW ROOF
FIRE ESCAPE, TYP. OF 2
RNAMENTAL SECURITY FENCE MOUNTED TO STAIRWELL PARAPET WALL. E EXTERIOR ELEVATIONS
ADA ACCESSIBLE STOREFRONT DOOR W/ AUTOMATIC PUSH-BUTTON OOR CONTROLLER ADDED UNDER PREVIOUS PERMIT.
STOREFRONT DOUBLE DOORS @ MAIN ENTRY
CATION OF (E) ADA ACCESSIBLE AUTOMATIC PUSH BUTTON-DOOR NTROLLER ADD UNDER PREVIOUS PERMIT.
EE-STANDING GLAZED WALL & SLIDING DOOR SYSTEM @ CONFERENCE DOM. SEE INTERIOR ELEVATIONS FOR DETAILS
LOW WALL @ STAIRS TO MEZZANINE
INT ALL SURFACE MOUNTED CONDUIT TO MATCH ADJACENT WALL DLOR, S.E.D. FOR NUMBER & LOCATIONS OF OUTLETS, TYP.
TCH, REPAIR & PAINT WALLS @ (N) OUTLET LOCATIONS, S.E.D. FOR MBER & LOCATIONS OF OUTLETS, TYP.
TCH & REPAIR FLOORING @ (N) FLOOR MONUMENT, S.E.D. FOR CATION OF OUTLET, TYP.
TCH & REPAIR WOOD PANELING TO MATCH (E) @ (N) OUTLET CATIONS, S.E.D. FOR NUMBER & LOCATIONS OF OUTLETS, TYP.

IG KE	Y
	CLEAN & RESTORE (E) VINYL ASBESTOS TILES
	REPAIR & RESTORE (E) TERRAZZO FLOORING & INTEGRAL BASE
	DIAMOND POLISH & STAIN (E) STAINED CONCRETE FLOORING
l NO	TES

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.





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

125 14TH STREET

	KATHLE
SED ARCHINA ROMANNA AND C19081	RCE NO
Exp. 6/23	DESIG
CALL	DRAWI

				-
ILEEN ROUSEAU	No.	DATE	BY	
	1	02.17.23	RPR	
NO. <u>C19081</u> EXP. <u>06.23</u>				
CKED BY AWC / KAR				
AWC / KAR				
IGNED BY AWC / KAR				
WN BY AWC				

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 3 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.

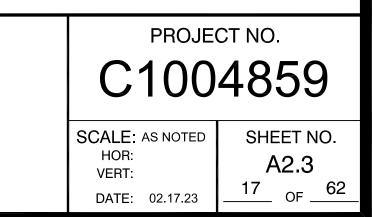
REPLACE LIGHTING CONTROL PANEL, S.E.D. PATCH, REPAIR & PAINT I SURROUNDING WALLS TO MATCH (E). PROVIDE PAINTED WOOD TRIM AS REQUIRED FOR A CLEAN INSTALLATION, TYP.

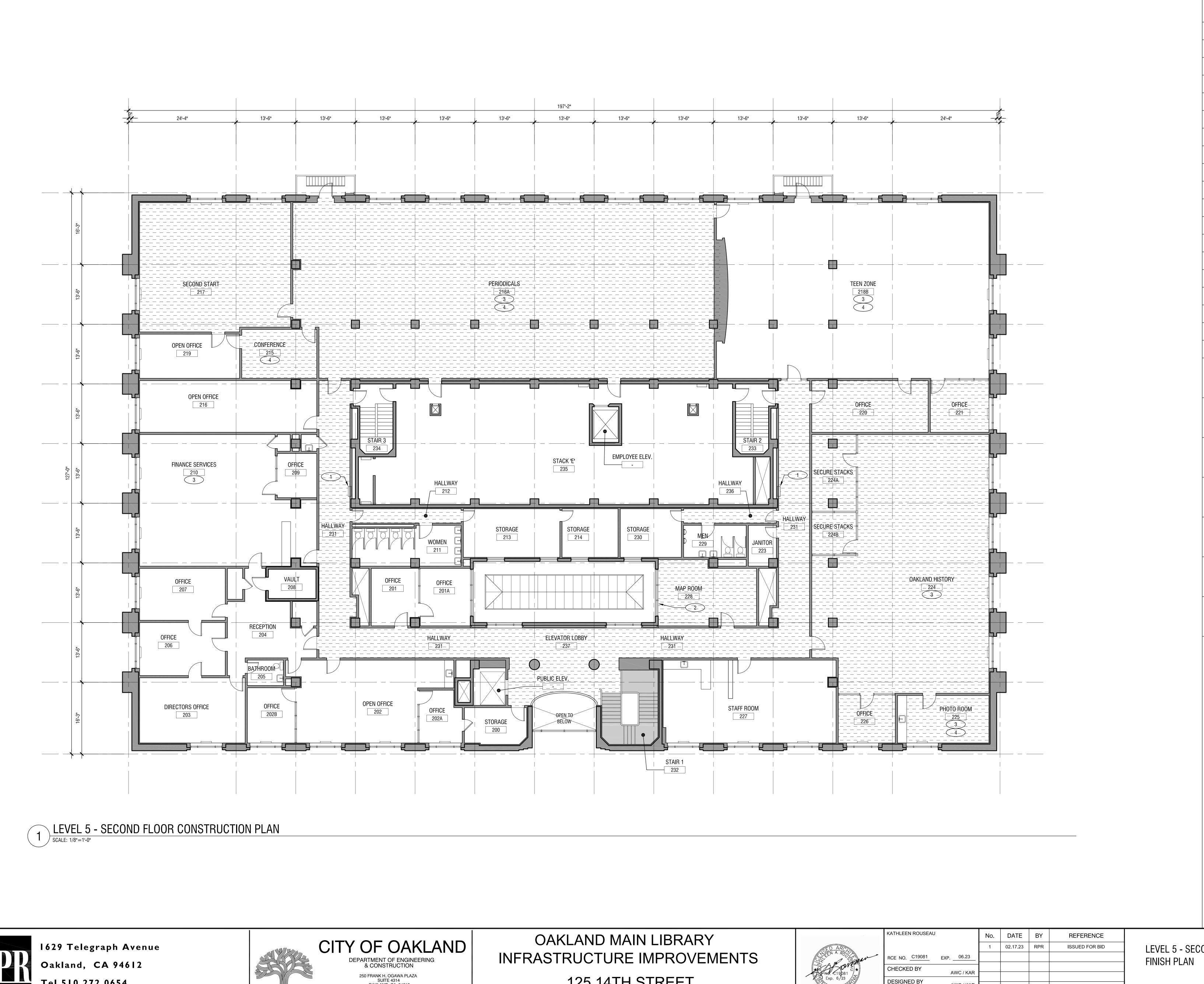
PAINT ALL SURFACE MOUNTED CONDUIT TO MATCH ADJACENT WALL 8 PAINT ALL SURFACE WIGONTED CONDENT OF OUTLETS, TYP. PATCH, REPAIR & PAINT WALLS @ (N) OUTLET LOCATIONS, S.E.D. FOR 9 | NUMBER & LOCATIONS OF OUTLETS, TYP.

CLEAN & RESTORE (E) VINYL ASBESTOS TILES

REPAIR & RESTORE (E) TERRAZZO FLOORING & INTEGRAL BASE

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





Oakland, CA 94612 Tel 510 272 0654 ARCHITECTS

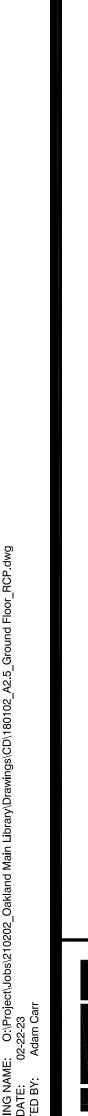
INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

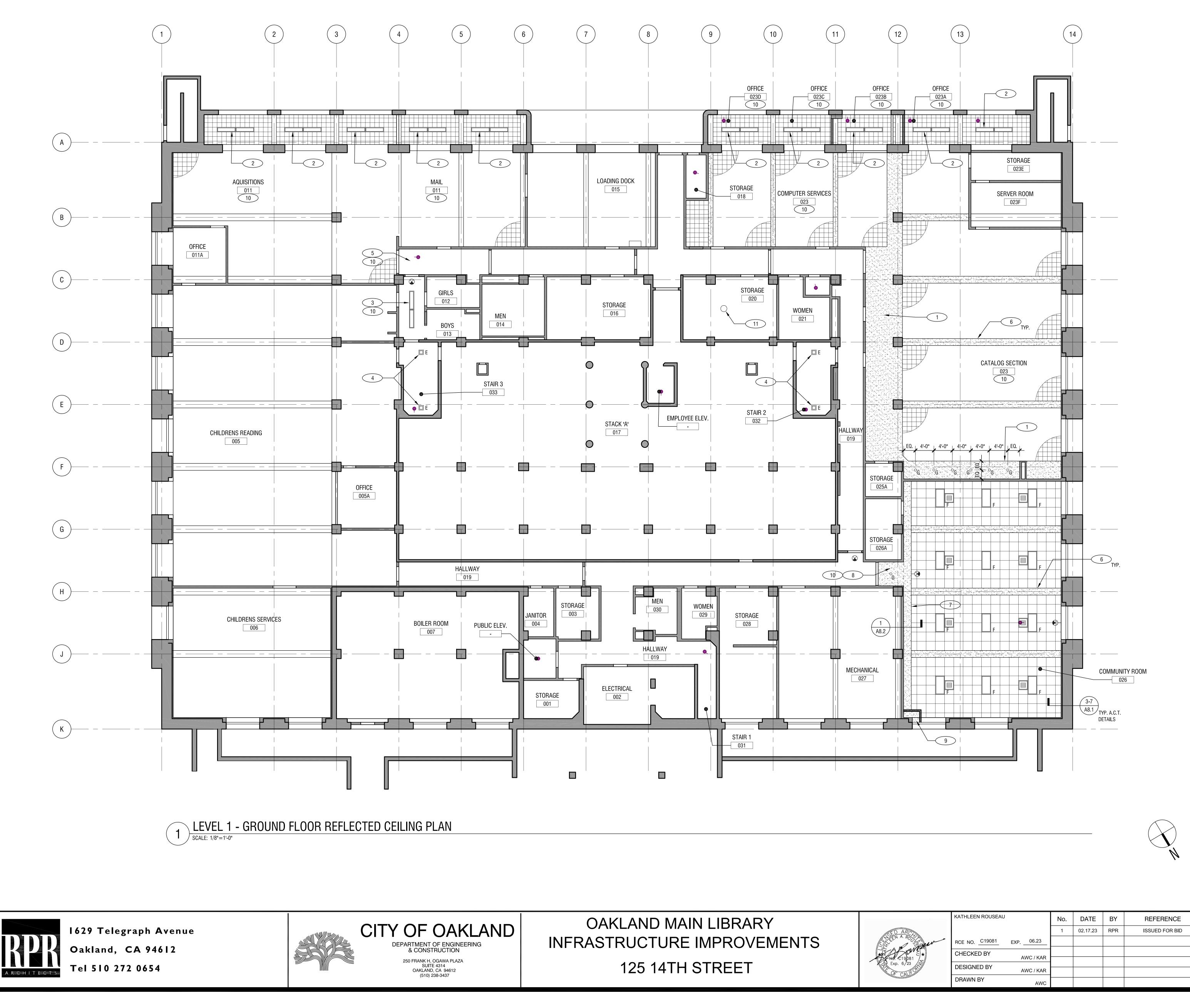
DEPARTMENT OF ENGINEERING & CONSTRUCTION 250 FRANK H. OGAWA PLAZA SUITE 4314 OAKLAND, CA 94612 (510) 238-3437

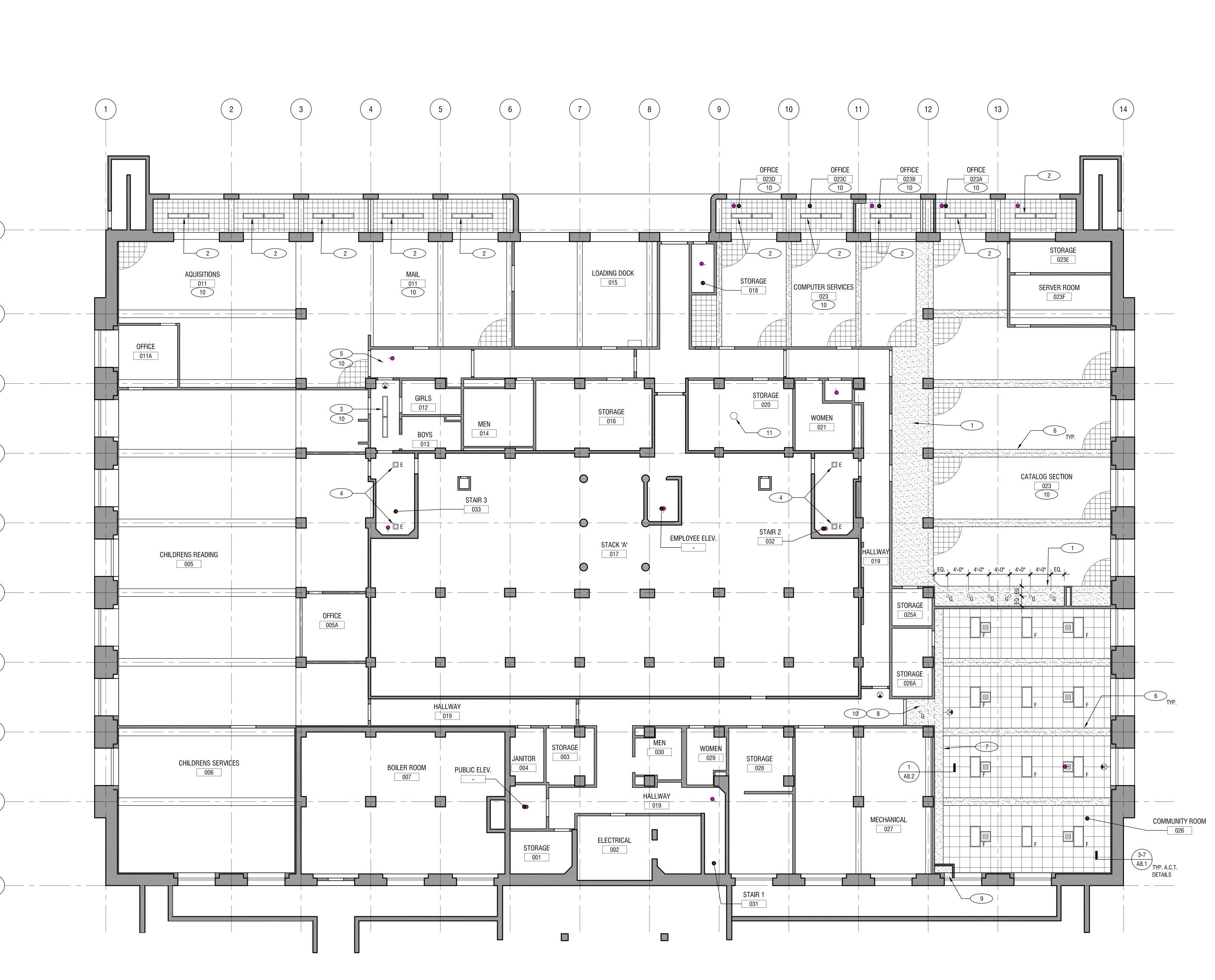
	NATHELEN ROUGEAU		No.	DATE	BY	REFERENCE
ARCAN			1	02.17.23	RPR	ISSUED FOR BID
A. POL	RCE NO. <u>C19081</u>	EXP. 06.23				
	CHECKED BY	AWC / KAR				
5. 6/23		700071000				
CALIFOR	DESIGNED BY	AWC / KAR				
	DRAWN BY	AWC				

LEVEL 5 - SECOND FLOOP FINISH PLAN

KEY N	-					0.0414
		NG WAL	LS TO MATC			& Paint Ted wood trim as
2	BID ALTERN	ATE: PR	ovide U.V. R	ESISTANT WI	NDOW I	FILM ON INTERIOR
		URFACE	MOUNTED	CONDUIT TO N		ADJACENT WALL
				0CATIONS OF @ (N) OUTLE		TS, TYP.
4	NUMBER & L					·
		-\ /				
FLOOF	ring ke	:Y				
 			N & RESTORI STOS TILES	e (e) vinyl		
		REPAI	R & RESTOR	E (E) TERRAZ	ZZO	
		FLOOF	RING & INTEG	GRAL BASE		
				PROJ		
OND FL	UUR			10()4	859
				AS NOTED		SHEET NO.
			HOR: VERT:			A2.4
			DATE:	02.17.23	1-	UF





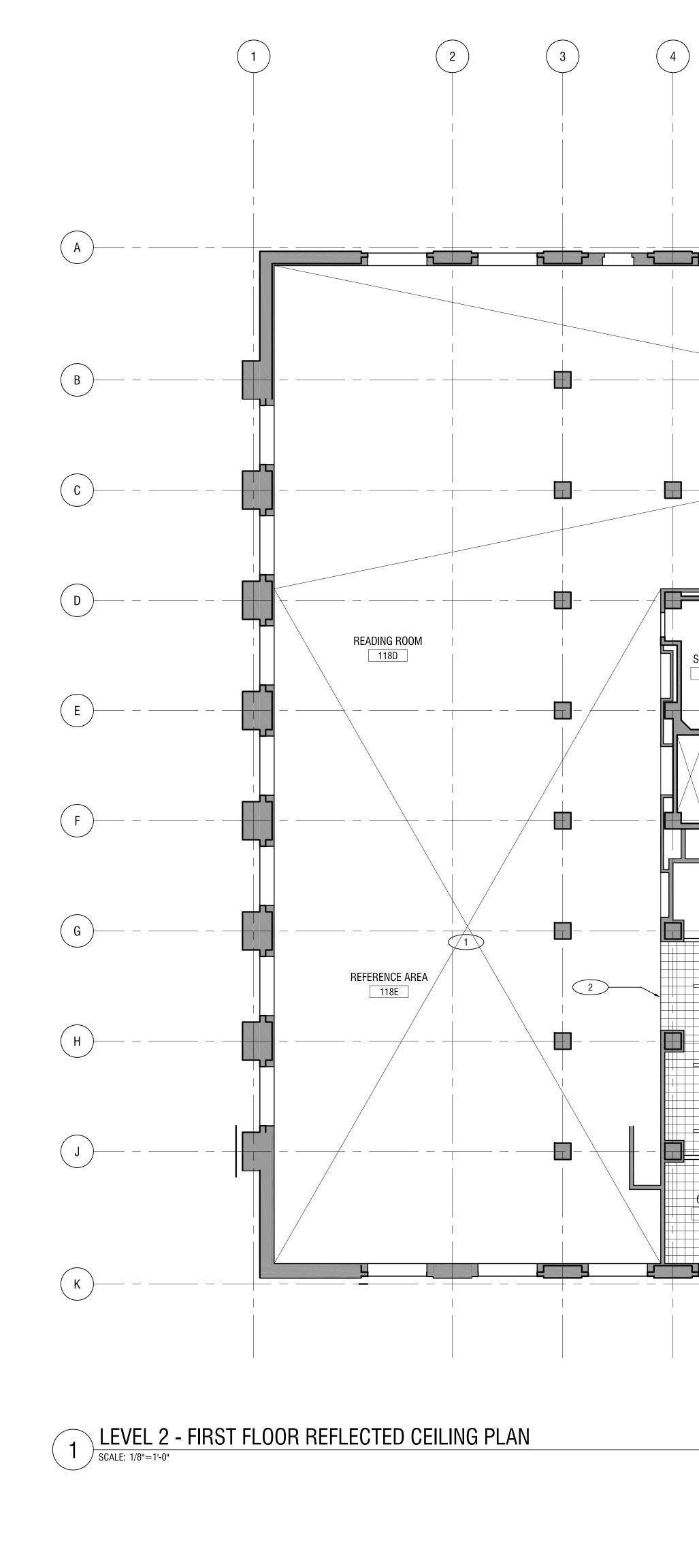




KEY NOTES	T. PATCH, REPAIR & PAINT TO MATCH (E)
	IT FIXTURES OVER (N) CEILING TILES
3 LIGHT FIXTURES TO	REMAIN. PROTECT DURING CONSTRUCTION
(N) L.E.D. RECESSE	d Light Fixture in (E) location @ stair well
5 TO MATCH (E) SUR & SIGNAGE REMOV	
6 MATCH (E) SURROL	. PATCH, REPAIR & PAINT ALL HOLES OR DAMAGE TO JNDING FINISH, TYP. D SOFFIT +8'-0" A.F.F. TO MATCH SOFFIT @ ENTRY
7 DOORS. PAINT TO N (E) +8'-0" A.F.F. GY	ATCH (E) WALLS & CEILING BEAMS, TYP.
(N) MECHANICAL CI	HASE - COORDINATE IN FIELD W/ MECHANICAL
LOUVER SIZE 1'-5"V	
UNFACES, TYP.	D CONDUIT ON CEILING TO MATCH (E) ADJACENT
11 ROOM ABOVE. PATO ADJACENT SURFAC	CH, REPAIR & PAINT (E) CONCRETE SLAB TO MATCH (E) E
LIGHTING & CEIL	ING KEY
A	L.E.D. SURFACE MOUNTED LIGHT FIXTURE, S.E.D. FOR SIZING &
	CONTROLS CONTINUOUS L.E.D. RECESSED LIGHT FIXTURE W/ MITERED CORNERS, S.E.D.
B	FOR SIZING & CONTROLS L.E.D. PENDANT MOUNTED LIGHT FIXTURE, S.E.D. FOR SIZING &
C	CONTROLS L.E.D. RECESSED WALL MOUNTED
D	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
F	MOUNTED IN A.C.T. CEILING 6" L.E.D. RECESSED LIGHT FIXTURE
G	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) & (N) 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 ARMSTRONG PRELUDE XL 15/16" EXPOSED TEE W/ ARMSTRONG CORTEGA SECOND LOOK - SCORED ANGLED TEGULAR TILES
	MFR: BIG ASS FAN MODEL: HAIKU 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
UND FLOOR EILING PLAN	PROJECT NO. C1004859 SCALE: AS NOTED SHEET NO. HOR: A2 F
	NOR. A2.5 VERT: 19 DATE: 02.17.23

LEVEL 1 - GR REFLECTED

KATHLEEN ROUSEAU	No.	DATE	BY	REFERE
	1	02.17.23	RPR	ISSUED FC
RCE NO. <u>C19081</u> EXP. <u>06.23</u>				
CHECKED BY				
AWC / KAR				
DESIGNED BY				
AWC / KAR				
DRAWN BY AWC				





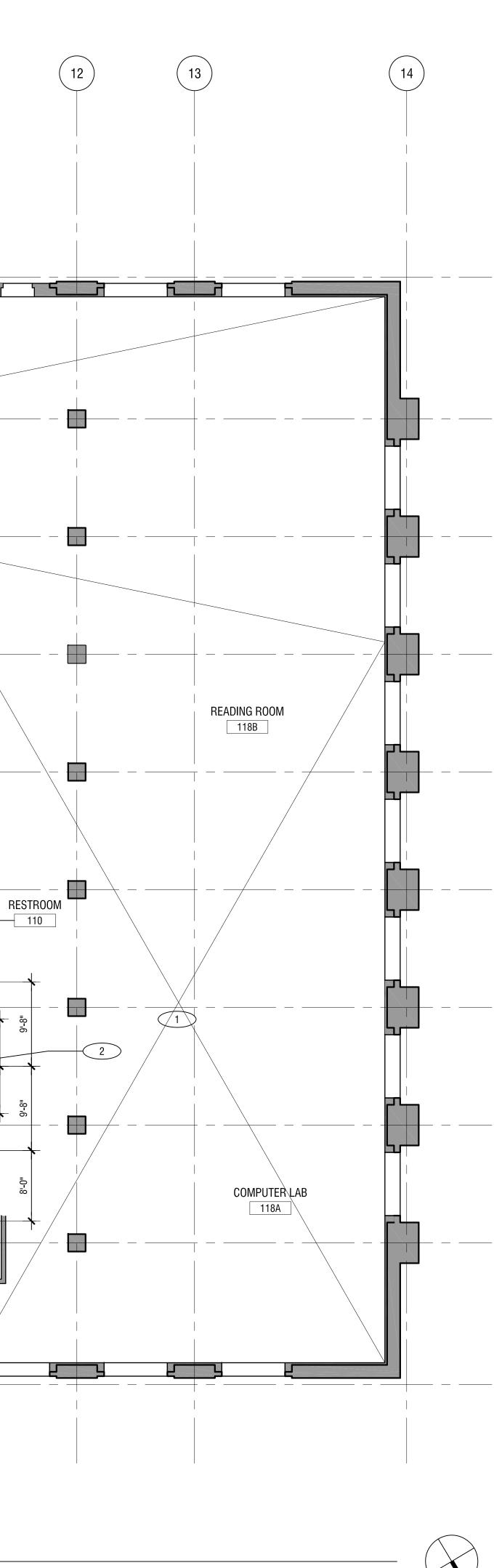


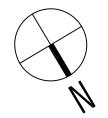


 $\left(10 \right)$ (7) $\left(\begin{array}{c} 8 \end{array} \right)$ $\left(\begin{array}{c}9\end{array}\right)$ $\left(\begin{array}{c} 6\end{array}\right)$ (11) $\left(\begin{array}{c}5\end{array}\right)$ READING ROOM 118C 🗆 E **O** STAIR 3 STAIR 2 121 6 A8.2 120 🗆 E 🗆 E O EMPLOYEE ELEV. P PASSAGE D 104 STACK 'B' EAST STACK 'B' WEST typ. @ Light Fixture -----6'-3" 6-3" \bigcirc MAIN LOBBY EQ. EQ. 114 A 2— \bigcirc ____ CHECK-OUT PUBLIC ELEV. 116 - 3 \bigcirc - A MAIN ENTRY OFFICE OFFICE OFFICE OFFICE ┉╪╪╋╋ 112 123 101 SECURITY OFFICE STAIR 1 119 3

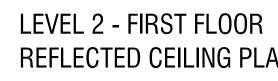
> OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

CITY OF OAKLAND DEPARTMENT OF ENGINEERING & CONSTRUCTION 250 FRANK H. OGAWA PLAZA SUITE 4314 OAKLAND, CA 94612 (510) 238-3437





	SEE SHEET A2.6 FOR REFLECTED CEILING PLAN @
	COPE OF WORK IN THESE AREAS
	CEILING @ CEILING STAIRS & MAIN ENTRY
LIGHTING & CEIL	ING KEY
	L.E.D. SURFACE MOUNTED LIGHT FIXTURE, S.E.D. FOR SIZING &
A	CONTROLS CONTINUOUS L.E.D. RECESSED LIGHT FIXTURE W/ MITERED CORNERS, S.E.D.
B	FIXTURE W/ MITERED CORNERS, S.E.D. FOR SIZING & CONTROLS L.E.D. PENDANT MOUNTED LIGHT
C	FIXTURE, S.E.D. FOR SIZING & CONTROLS
D	L.E.D. RECESSED WALL MOUNTED LIGHT FIXTURE, S.E.D. FOR SIZING & CONTROLS
E E	TOTAL 24 - L.E.D. SURFACE MOUNT DOWNLIGHT IN STACK 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
€	CEILING MOUNTED L.E.D. EXIT SIGN
Hæ	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.
0	(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: HAIKU
	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
	PROJECT NO.
ST FLOOR EILING PLAN	C1004859
	SCALE: AS NOTED SHEET NO. HOR: A2.6
	VERT: A2.0 DATE: 02.17.23 <u>20</u> OF <u>62</u>

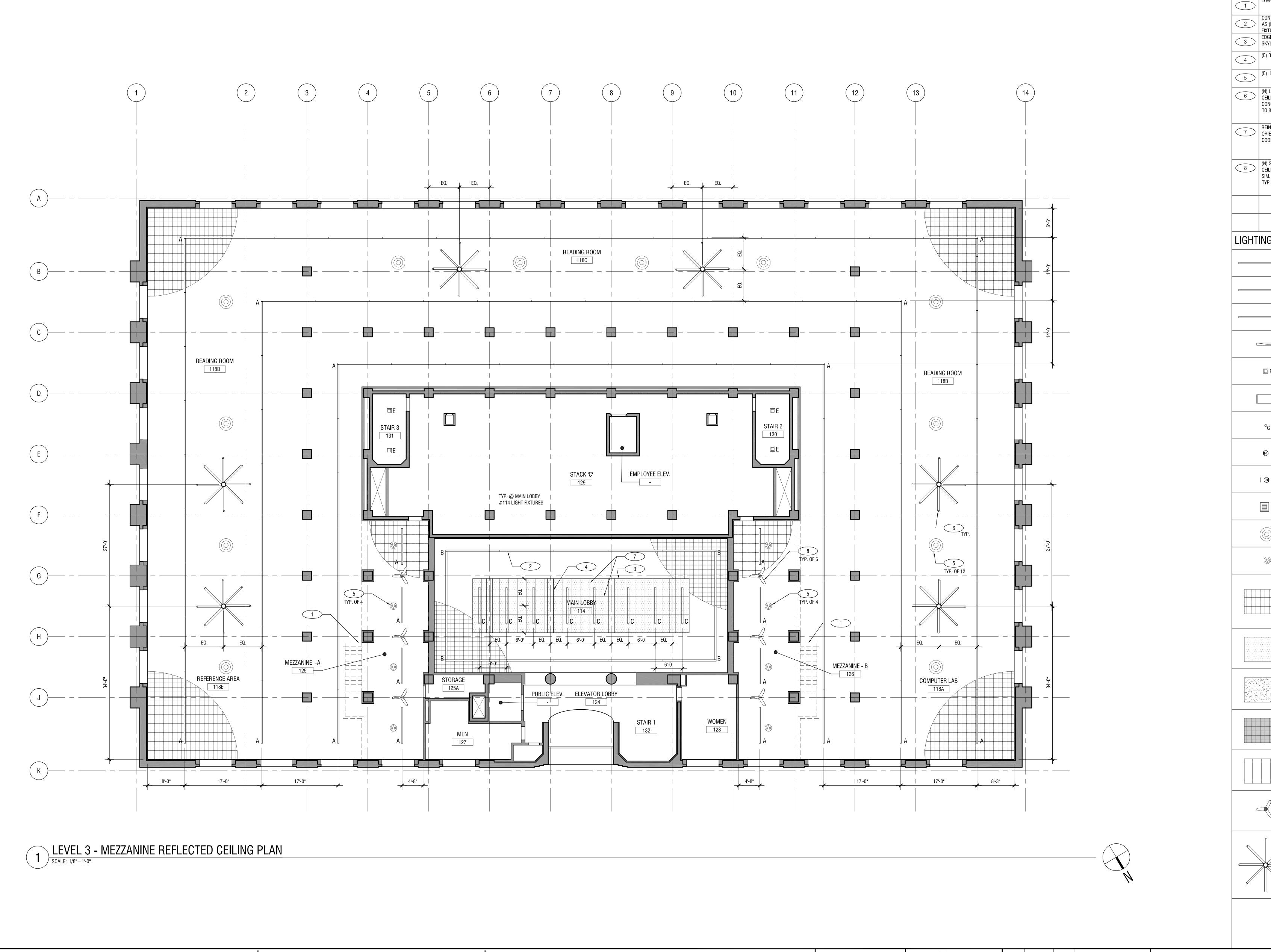




KATHLEEN ROUSEAU	
RCE NO. <u>C19081</u>	EXP.
CHECKED BY	AW
DESIGNED BY	AW
DRAWN BY	

AU	No.	DATE	BY	REFERENCE
	1	02.17.23	RPR	ISSUED FOR BID
EXP. 06.23				
AWC / KAR				
AWC / KAR				
AWC				

Eð	
EN TO ABOVE - SEE SHEET A2.6 FOR REFLECTED CEILING PLAN @ ZZANINE FOR SCOPE OF WORK IN THESE AREAS	
E OF CEILING - TRANSITION TO WOOD PANELING. DO NOT PAINT OD PANELING, TYP.	



WING NAME: 0:\Project\Jobs\210202_Oakland Main Library\Drawings\CD\180102_A2.7_Mezzanine_RCP.dwg F DATE: 02-22-23

ARCHITECTS

1629 Telegraph Avenue

Oakland, CA 94612

Tel 510 272 0654



OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

CITY OF OAKLAND DEPARTMENT OF ENGINEERING & CONSTRUCTION 250 FRANK H. OGAWA PLAZA SUITE 4314 OAKLAND, CA 94612 (510) 238-3437

ED ARCO	KATHLEEN ROUSEAU	No.	DATE	BY	REFERENCE
		1	02.17.23	RPR	ISSUED FOR BID
STEEN A. POLA	RCE NO. <u>C19081</u> EXP. <u>06.23</u>				
H. C19081 Exp. 6/23		_			
	AWC / KAR	4			
	DESIGNED BY AWC / KAR				
CAR	DRAWN BY AWC				

LEVEL 3 - MEZZANINE REFLECTED CEILING PLAN

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.

 EDGE OF CEILING OPENING @ SKYLIGHT. PAINT INSIDE WALLS OF

 SKYLIGHT OPENING & METAL SKYLIGHT MULLIONS, TYP.

(E) BEAMS WRAPPED IN PLASTER TO BE PAINTED, TYP. OF 4

(E) H.V.A.C. DIFFUSERS TO BE CLEANED & PAINTED, TYP.

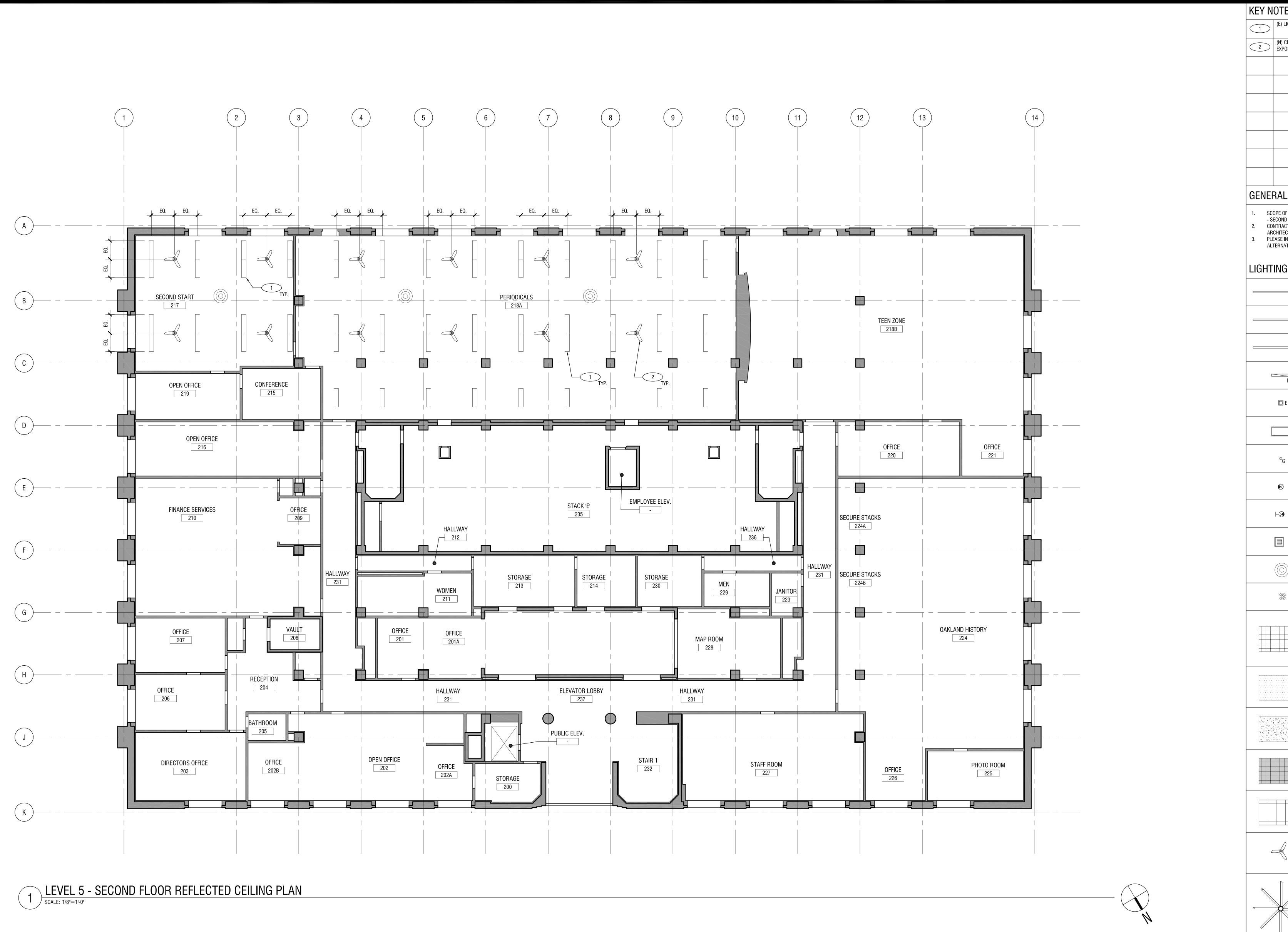
6 (N) LARGE CEILING FANS, TYP. OF 6. - G.C. TO COORDINATE SELECTIVE CEILING DEMO IN FIELD W/ STRUCTURAL DRAWINGS. SEE SHEET S.1.2. CONCEAL ALL ELECTRICAL ROUTING IN CEILING INTERSTITIAL SPACE. FAN: TO BE MOUNTED +16'-0" A.F.F., TYP.

7REINSTALL (E) 2X4 CEILING GRID & BAFFLES IN ORIGINAL LOCATION &
ORIENTATION. MOUNT CEILING GRID FLUSH W/ BOTTOM OF (E) CEILING.
COORDINATE REINSTALLATION W/ (N) LIGHT FIXTURES.

(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 MOUNTE	-D LIGHT		
A	FIXTURE, S.E.D. FOR SIZI			
В	Continuous L.E.D. Rec Fixture W/ Mitered Co For Sizing & Controls	RNERS, S.E.D.		
C	L.E.D. PENDANT MOUNTE FOR SIZING & CONTROLS ABOVE CEILING GRID @	,		
D	L.E.D. RECESSED WALL I LIGHT FIXTURE, S.E.D. FO CONTROLS			
] E	TOTAL 24 - L.E.D. SURFA DOWNLIGHT IN STACK EX TYP.			
F	2'-0" X 4'-0" L.E.D. LIGHT MOUNTED IN A.C.T. CEILI			
Ġ	6" L.E.D. RECESSED LIGH MOUNTED IN (E) PLASTE			
>	CEILING MOUNTED L.E.D	. EXIT SIGN		
•	WALL MOUNTED L.E.D. E	XIT SIGN		
	FAN COIL UNIT, S.M.D.			
	(E) CEILING MOUNTED 3'- H.V.A.C. DIFFUSER. CLEA SURROUNDING CEILING II	N & PAINT TO MATCH		
٩	(E) CEILING MOUNTED 1'- H.V.A.C. DIFFUSER. CLEA SURROUNDING CEILING II	N & PAINT TO MATCH		
	OF TILES WILL BE REPLA	.N. REPLACE DAMAGED, IED TILES - ASSUME 15% ICED. INFILL AREAS @ ((N) TILES. PAINT ENTIRE		
	REINSTALL (E) 2X4 CEILI SKYLIGHT OPENING	NG GRID & GRATE @		
	PAINT (E) PLASTER CEILING / SOFFIT U.O.N.			
	(N) 1'-0" X 1'-0" GLUE-ON CEILING FIELD TO MATCH			
	(N) 2'-0" X 4'-0" ACOUSTI	IC CEILING TILES & T-BAR		
R	MFR: BIG ASS FAN Model: Haiku Size: 52" dia. Color: White Controls: Bafcon SM	ART CONTROLLER		
	MFR: BIG ASS FAN MODEL: ESSENCE SIZE: 12'-0" DIA. COLOR: WHITE MOTOR HOUSING W/ SILVER TRIM CONTROLS: BAFCON SMART CONTROLLER			
	PROJEC			
AN	SCALE: AS NOTED HOR: VERT:	SHEET NO. A2.7		
	DATE: 02.17.23	OF		









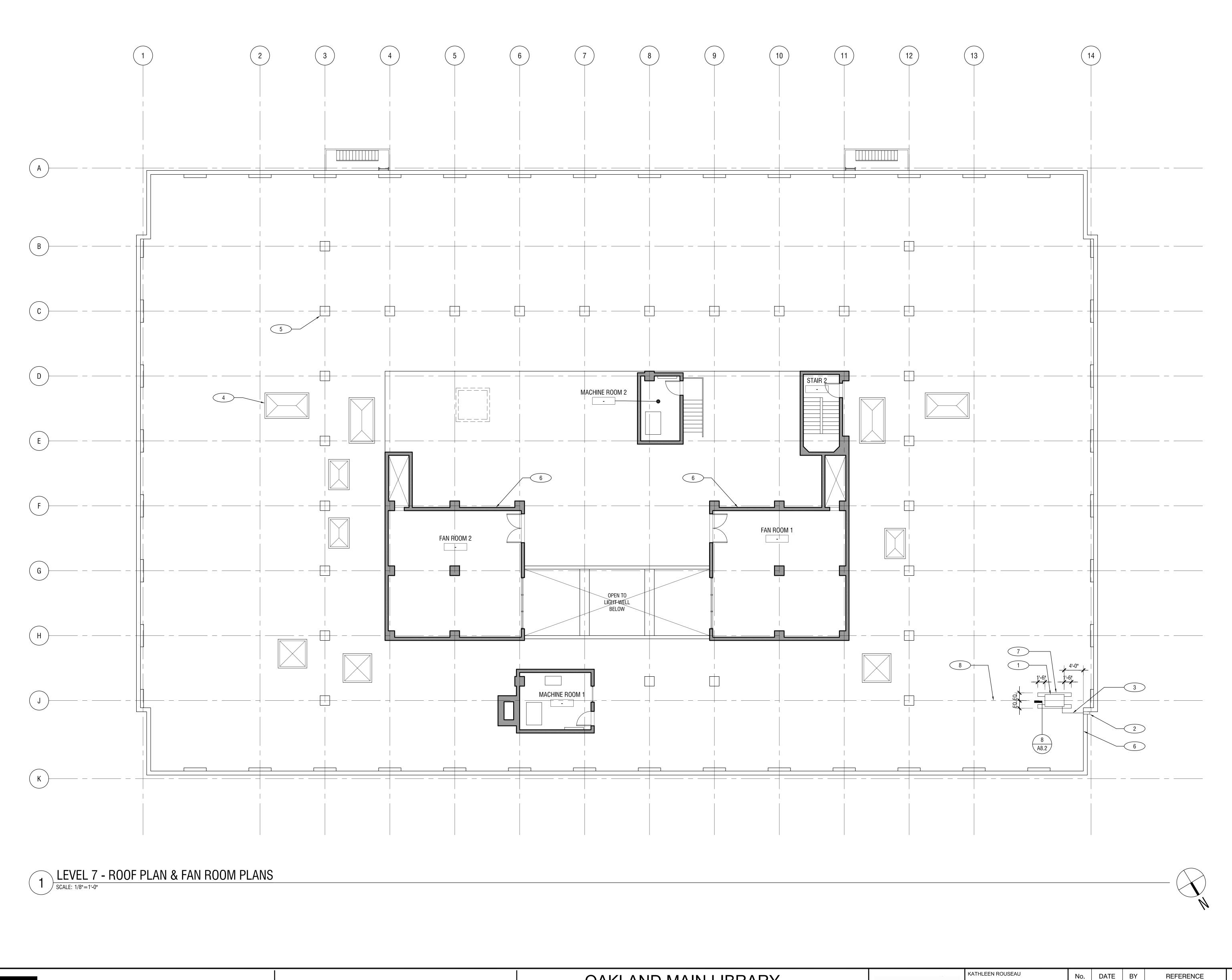
OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

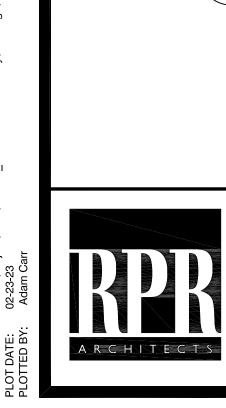
DEPARTMENT OF ENGINEERING & CONSTRUCTION 250 FRANK H. OGAWA PLAZA SUITE 4314 OAKLAND, CA 94612 (510) 238-3437

	KATHLEEN ROUSEAU		No.	DATE	BY	REFERENCE
EED ARCA			1	02.17.23	RPR	ISSUED FOR BID
ELEVA POLICIAN	RCE NO. <u>C19081</u> EXP. 06.23	<u> </u>				
A DAY	CHECKED BY AWC / K					
Exp. 6/23						
	DESIGNED BY AWC / K	٩R				
Che	DRAWN BY	vc				

LEVEL 5 - SECOND FLOOP REFLECTED CEILING PLAN

	, VI.F., TYP.	
	TO BE PAINTED TO MATCH (E	
L CEILIN	G NOTES	
ND START & 218, ACTOR TO COORI ECT PRIOR TO F/	K ON SECOND FLOOR LIMITEI A - PERIODICALS. DINATE CONDUIT ROUTING TO AN INSTALLATION. COPE OF WORK ON THIS FLOO) (N) FANS IN FIELD W/
G & CEIL	ING KEY	
	L.E.D. SURFACE MOUNTE FIXTURE, S.E.D. FOR SIZIN	
A	CONTROLS	
В	FIXTURE W/ MITERED COI FOR SIZING & CONTROLS	RNERS, S.E.D.
C	L.E.D. PENDANT MOUNTE FIXTURE, S.E.D. FOR SIZIN CONTROLS	
	L.E.D. RECESSED WALL N LIGHT FIXTURE, S.E.D. FO	
I E	CONTROLS TOTAL 24 - L.E.D. SURFA DOWNLIGHT IN STACK EX	
	TYP. 2'-0" X 4'-0" L.E.D. LIGHT	
F	MOUNTED IN A.C.T. CEILI	
G	MOUNTED IN (E) PLASTER	
)	CEILING MOUNTED L.E.D.	EXIT SIGN
•	WALL MOUNTED L.E.D. E	XIT SIGN
]	FAN COIL UNIT, S.M.D.	
	(E) CEILING MOUNTED 3'-(H.V.A.C. DIFFUSER. CLEAN SURROUNDING CEILING IN	N & PAINT TO MATCH
	(E) CEILING MOUNTED 1'-(H.V.A.C. DIFFUSER. CLEAN SURROUNDING CEILING IN	N & PAINT TO MATCH
++++	(E) 1'-0" X 1'-0" GLUE-ON CEILING FIELD, TYP., U.O. BROKEN & WATER STAIN	N. REPLACE DAMAGED,
	OF TILES WILL BE REPLA LIGHT FIXTURE DEMO W/ CEILING IN AREA OF WOP	CED. INFILL AREAS @ (N) TILES. PAINT ENTIRE
		IX, III.
	REINSTALL (E) 2X4 CEILII SKYLIGHT OPENING	NG GRID & GRATE @
a oraș Mile încă	PAINT (E) PLASTER CEILI	NG / SOFFIT U.O.N.
	(N) 1'-0" X 1'-0" GLUE-ON	
	(N) T-0 X T-0 GLOE-ON CEILING FIELD TO MATCH	
	(N) 2'-0" X 4'-0" ACOUSTI	C CEILING THES & T-BAR
	MFR: BIG ASS FAN	
	MODEL: HAIKU SIZE: 52" DIA. COLOR: WHITE CONTROLS: BAFCON SM/	
	MFR: BIG ASS FAN	
	MODEL: ESSENCE SIZE: 12'-0" DIA. COLOR: WHITE MOTOR H	
	CONTROLS: BAFCON SM	akt ountkullek
<u>نه</u>		
	PROJE	CT NO.
DR	C100	4859
AN	SCALE: AS NOTED	SHEET NO.
	HOR: VERT: DATE: 02.17.23	A2.8







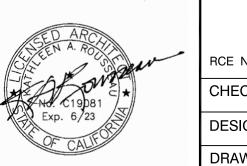
OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

CITY OF OAKLAND DEPARTMENT OF ENGINEERING & CONSTRUCTION 250 FRANK H. OGAWA PLAZA SUITE 4314 OAKLAND, CA 94612 (510) 238-3437

K	ΞY	'N	OTE
\subset	1	\bigcirc	H.V. CON
\subset	2	>	Pai Pipi
\langle	3	>	REF
\langle	4	>	(E) \$
\subset	5	>	(E) (
\bigcirc	6	>	PAT Paii
\bigcirc	7	>	SLE
\langle	8	>	CEN

GENERAL NOTES

\bigwedge	\sum
\langle	V
_	Ŋ



ATHLEEN ROUSEAU	No.	DATE	BY	REFERENCE
	1	02.17.23	RPR	ISSUED FOR BID
RCE NO. <u>C19081</u> EXP. <u>06.23</u>				
CHECKED BY AWC / KAR	- 			
DESIGNED BY AWC / KAR				
DRAWN BY AWC				

LEVEL 7 - ROOF PLAN

ES

V.A.C. SYSTEM CONDENSING UNIT MOUNTED ON SLEEPERS TO NCRETE ROOF - CENTER ON BEAM BELOW, S.M.D., S.E.D., S.S.D.

AINTED S.S. SHEET METAL SHROUD @ REFRIGERANT PING. SEE EXTERIOR ELEVATIONS

FRIGERANT LINES, S.M.D.

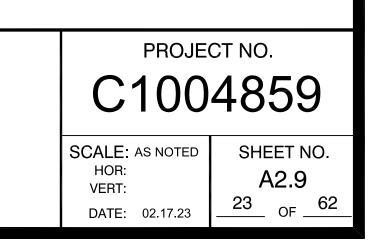
SKYLIGHTS, TYP.

COLUMN EXTENSIONS W/ SHEET METAL CAP, TYP.

ATCH, REPAIR & PAINT BUILDING WALL @ (N) POWER RECEPTACLES. INT CONDUIT TO MATCH ADJACENT SURFACES, S.E.D. EEPER ASSEMBLY, S.S.D.

ENTER LINE OF CONCRETE BEAM BELOW

1. 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







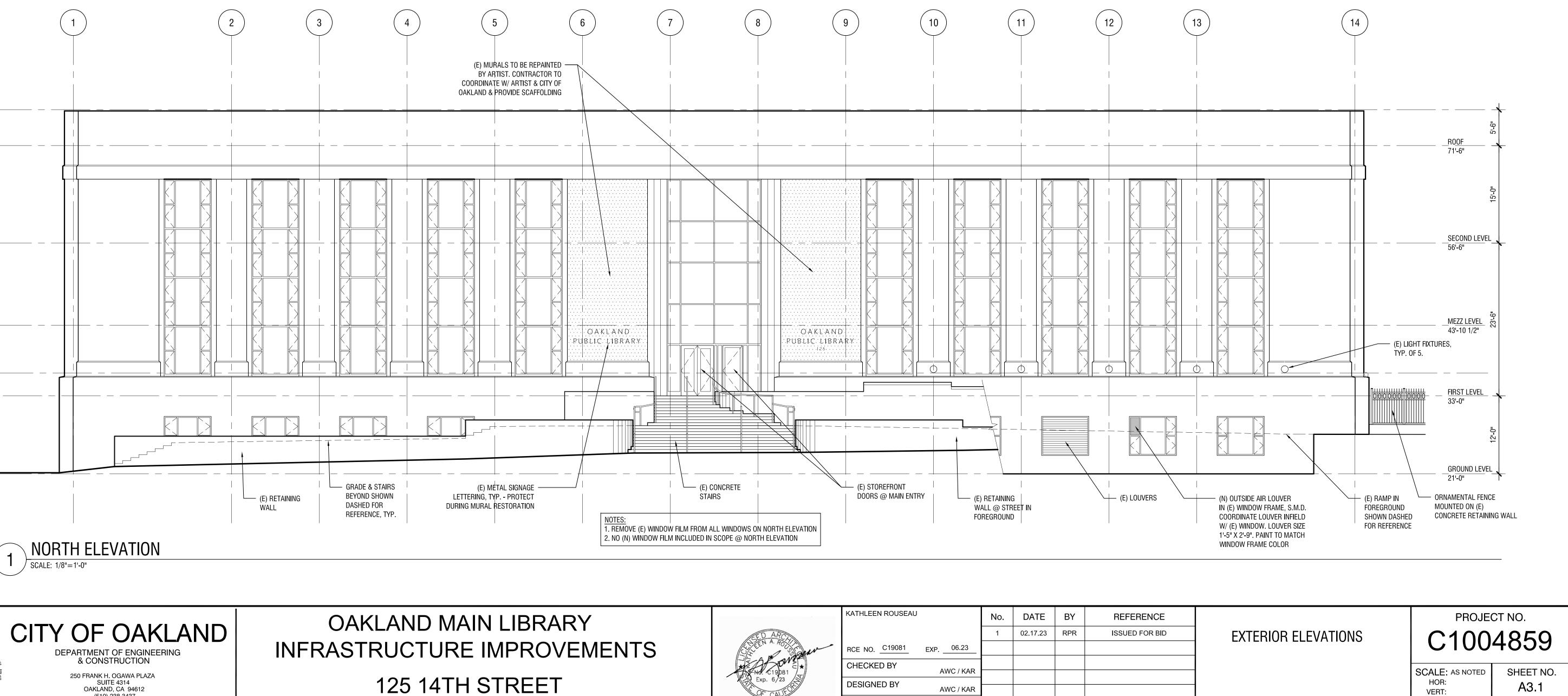


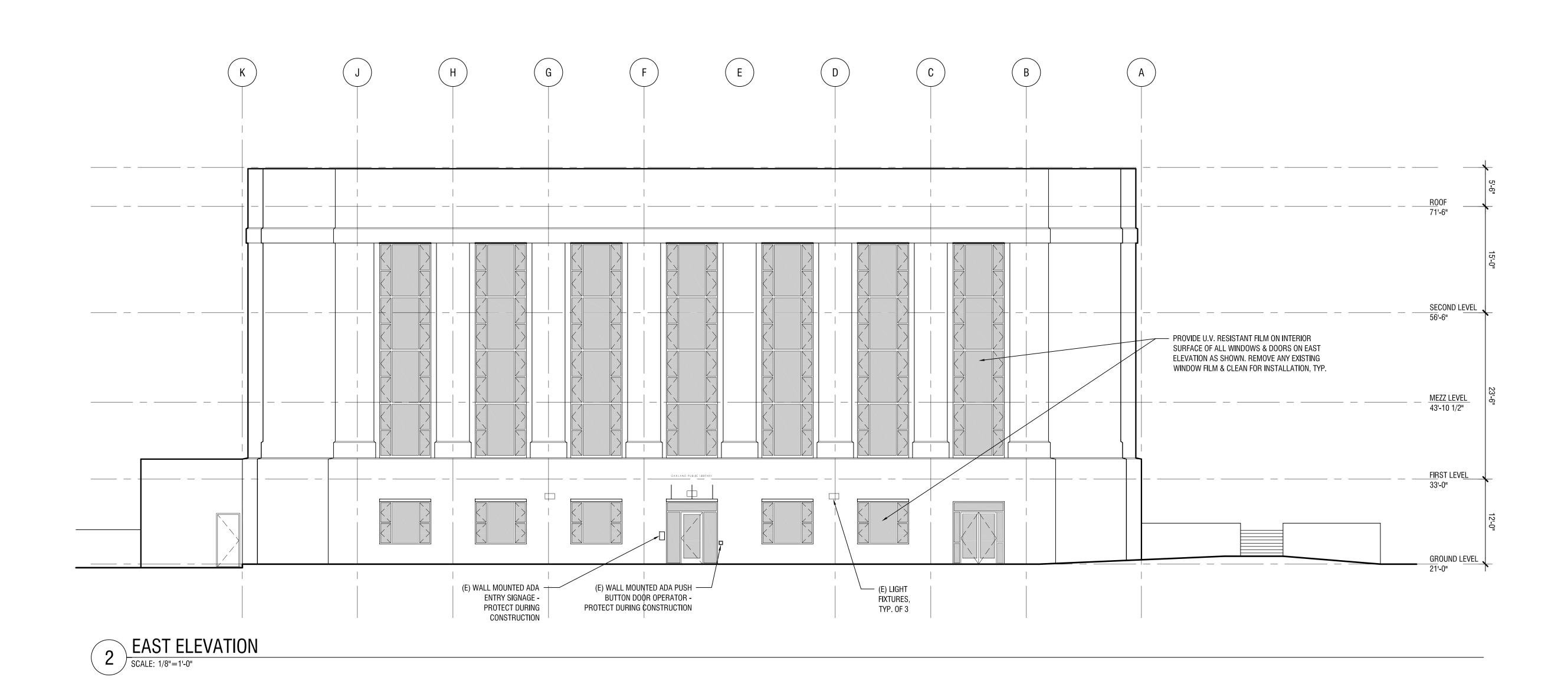


_____ _ _ _ _ _ _

DEPARTMENT OF ENGINEERING & CONSTRUCTION 250 FRANK H. OGAWA PLAZA SUITE 4314 OAKLAND, CA 94612 (510) 238-3437

OAKLAND MAIN LIBRARY





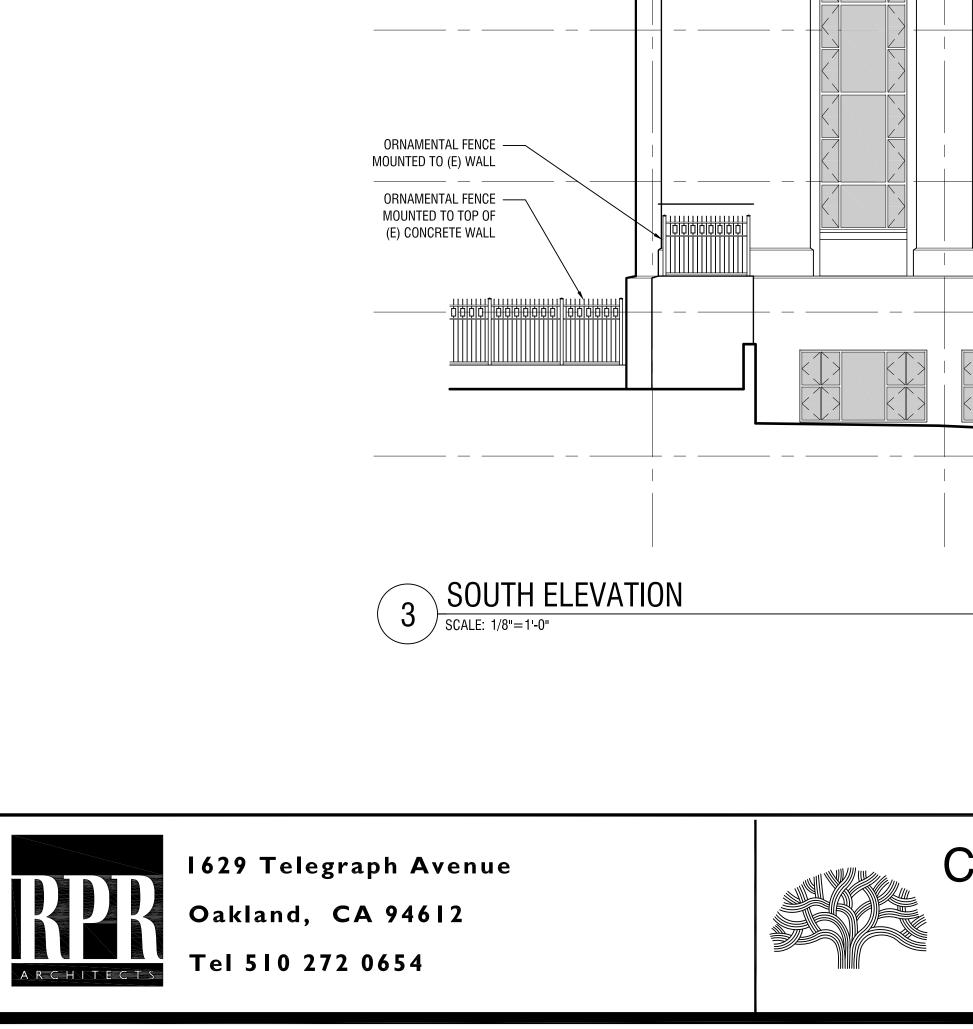
				_		
	KATHLEEN ROUSEAU	No.	DATE	BY	REFERENCE	
CED ARCAN		1	02.17.23	RPR	ISSUED FOR BID	EXTERIOR ELEVATION
ETTEN A. POL	RCE NO. <u>C19081</u> EXP. <u>06.23</u>					
NO. C19b81	CHECKED BY AWC / KAR					
Exp. 6/23	DESIGNED BY AWC / KAR					
OF CALIFS	DRAWN BY					
	AWC					

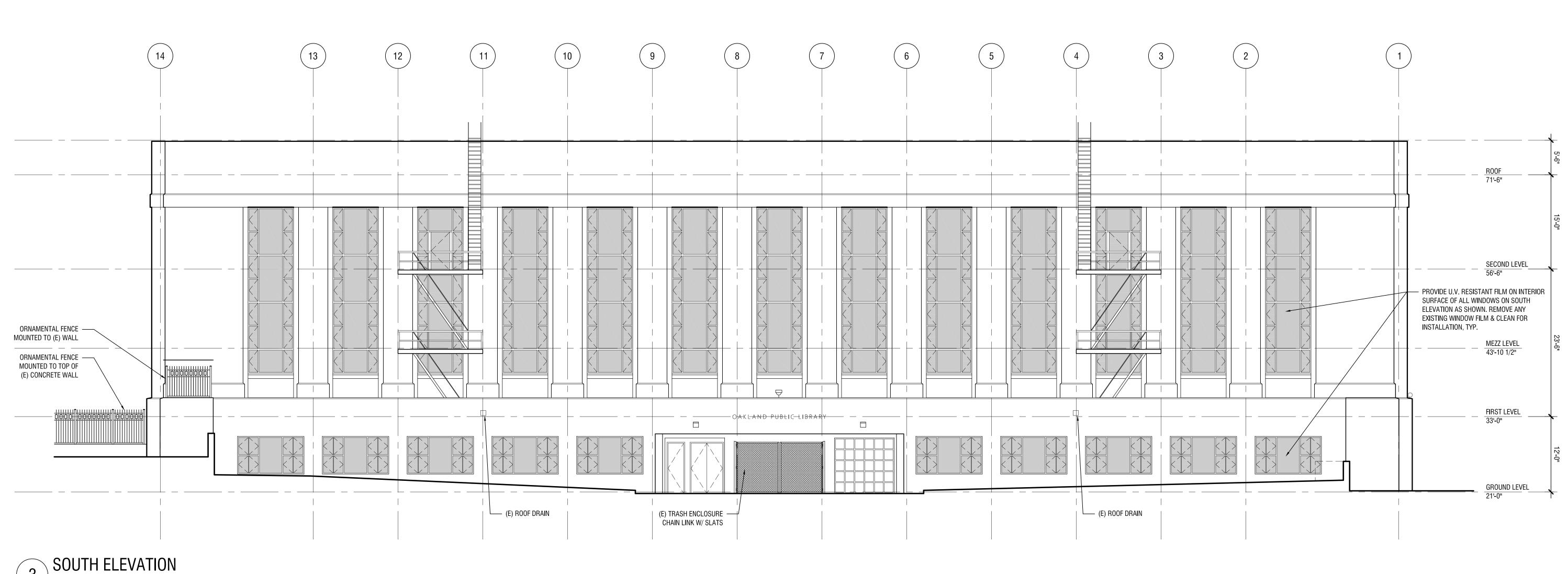


_____ OF ___

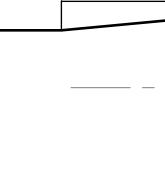
DATE: 02.17.23

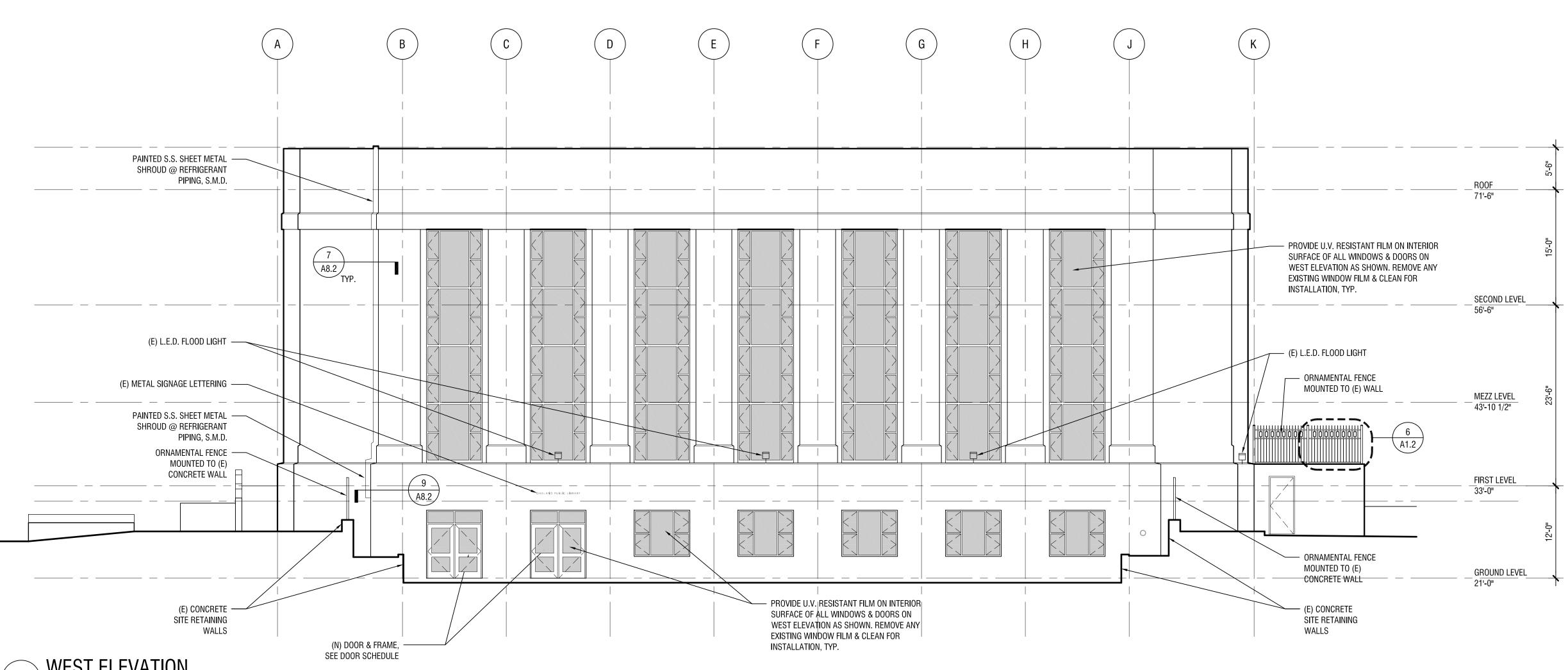






4 WEST ELEVATION SCALE: 1/8"=1'-0"

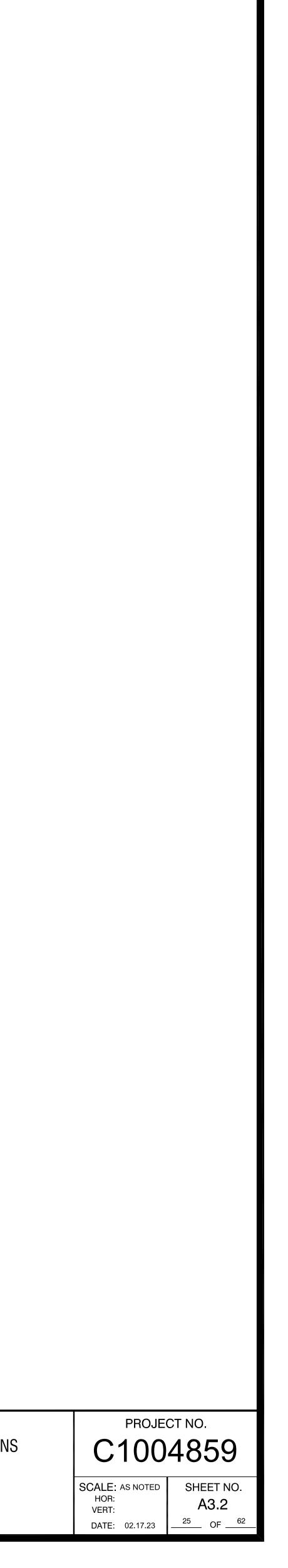


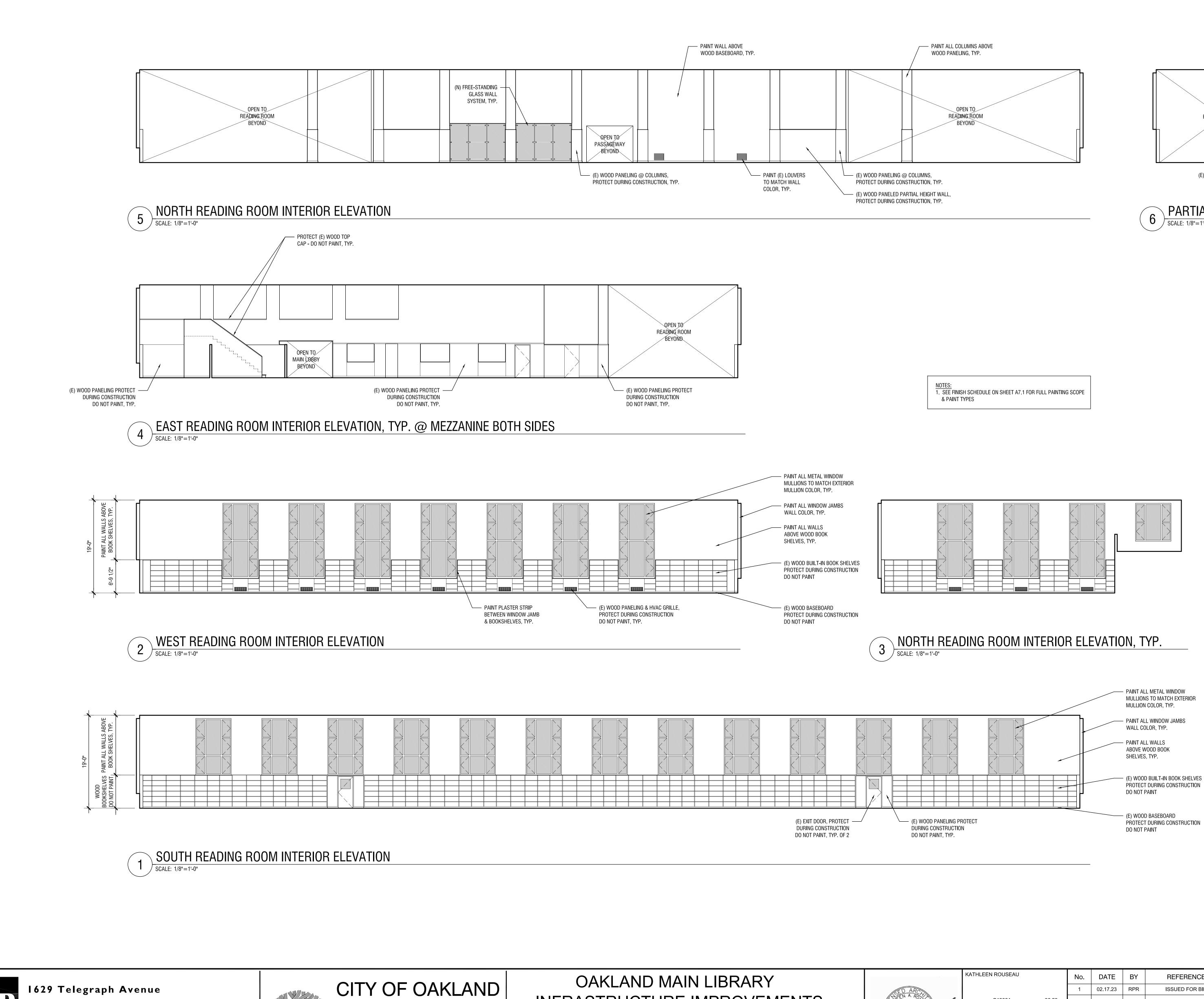




OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

	KATHLEEN ROUSEAU	No.	DATE	BY	REFERENCE	
CED ARCAN		1	02.17.23	RPR	ISSUED FOR BID	EXTERIOR ELEVATION
SET TEN A. PO	RCE NO. <u>C19081</u> EXP. <u>06.23</u>	_				
THE THE A	CHECKED BY AWC / KAP	,				
Exp. 6/23		<u> </u>				
CE CALLES	DESIGNED BY AWC / KAP	:				
CAL	DRAWN BY AWG	;				



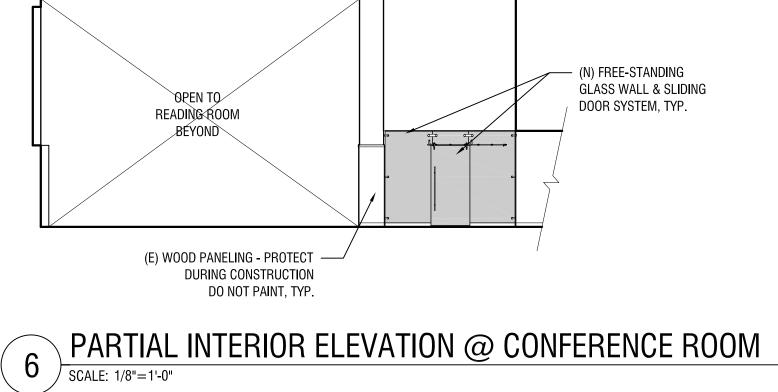




Oakland, CA 94612 Tel 510 272 0654



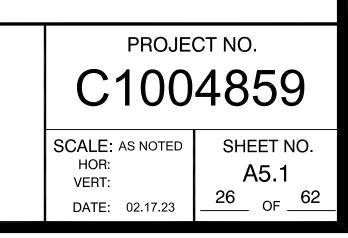
INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

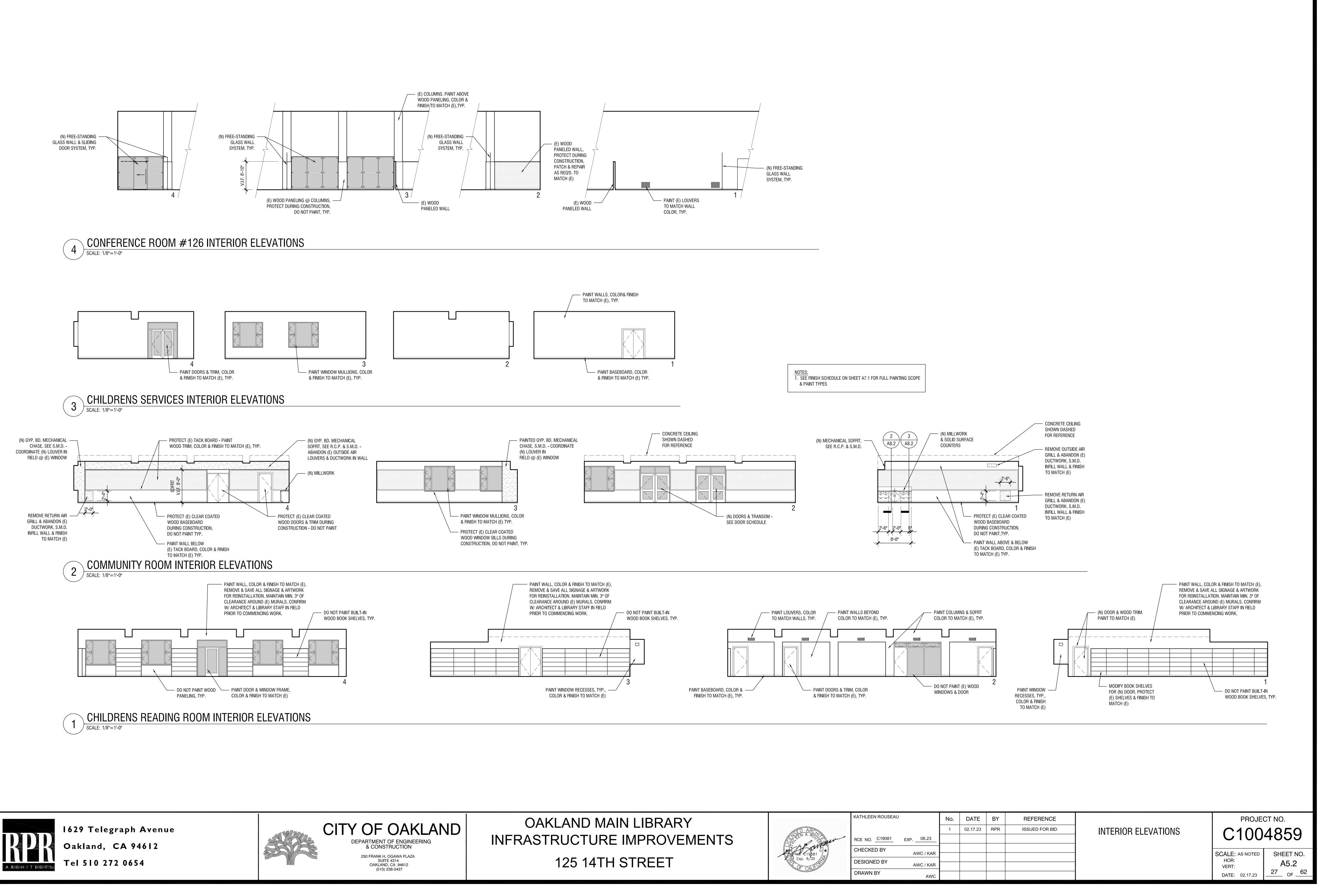


CALL

	KATHLEEN ROUSEAU		No.	DATE	BY	REFERENCE
			1	02.17.23	RPR	ISSUED FOR BID
zer	RCE NO. <u>C19081</u> EXP. (06.23				
*		C / KAR				
3	DESIGNED BY	<i></i>				
/	AWC	C / KAR				
	DRAWN BY	AWC				

INTERIOR ELEVATIONS

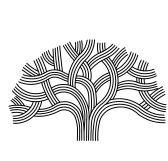




	KATHLEEN ROUSEAU	No.	DATE	BY	REFERENCE	
CED ARCON		1	02.17.23	RPR	ISSUED FOR BID	INTERIOR ELEVATION
ELEN A. POL	RCE NO. <u>C19081</u> EXP. <u>06.23</u>	·				
NO. C19081	CHECKED BY AWC / K	AR				
Exp. 6/23	DESIGNED BY AWC / K	AR				
CAL	DRAWN BY	VC				

ROOM FINI	SH SCH	IEDU	JLE																	MATERIAL LEGEND		FINISH LEGEND
ROOM NAME	ROOM FLOO	ORING			CEILINGS						WALLS						WA	NSCOT	REMAF	LOCATION CODE MATERIAL DESCRIPTION	REMARKS	CODE MATERIAL DESCRIPTION REMARKS
NAME	NO. FLOO	OR	BASE		MATERIAL	_ HE	EIGHT	SOFFIT	ŀ	HEIGHT	NORTH	S	OUTH	EAS	T	WEST				F-2 L.V.T FIELD SEE SH	OND POLISH, STAIN FINISH & SEAL HEET A2.1 FOR FOR LVT FIELD & ACCENT COLORS	P-LS PAINT - LOW-SHEEN FINISH P-ES PAINT - EGG SHELL FINISH
LEVEL 1 - GROUND		'L. FINIS	SH MAT'L.	FINISH	MAT'L.	FINISH		MAT'L.	FINISH		MAT'L.	FINISH M	AT'L. FINISI	H MAT	L. FINISH	MAT'L.	FINISH MA ⁻	'L. FINISH	H	F-4 L.V.T ACCENT SEE SH	HEET A2.1 FOR FOR LVT FIELD & ACCENT COLORS HEET A2.1 FOR FOR LVT FIELD & ACCENT COLORS	P-SG PAINT - SEMI GLOSS FINISH P-G PAINT - GLOSS FINISH
CHILDREN'S READING ROOM		F-7	B-1	P-SG	C-1	P-LS (E)) 8'-0" LOW) 11'-0" HIGH	C-2	P-LS	(E) 8'-0" SOFFIT (E) 9'-7" BEAMS	W-1	P-LS W	V-1 P-LS	W-1	P-LS	W-1	P-LS		BASE B	F-6 L.V.T ACCENT SEE SH	HEET A2.1 FOR FOR LVT FIELD & ACCENT COLORS HEET A2.1 FOR FOR LVT FIELD & ACCENT COLORS	FF FACTORY FINISH CS CONCRETE SEALER
OFFICE	005A F-2 - F	F-7	B-1	P-SG	C-1	. ,	, (E) 8'-0"					P-LS W	V-1 P-LS	W-1	P-LS	W-1	P-LS			F-8 L.V.T FIELD SEE SH	HEET A2.1 FOR FOR LVT FIELD & ACCENT COLORS HEET A2.1 FOR FOR LVT FIELD & ACCENT COLORS	CSS CONCRETE STAIN & SEALER SL REFINISH W/ STAIN & LACQUER TO MATCH (E)
CHILDREN'S SERVICES ACQUISITIONS / MAIL ROOM	006 F-2 - F- 011 F-10	F-7 0 VAT		P-SG P-SG			(E) 11'-0" (E) 11'-0"	C-2 C-2		(E) 9'-7" BEAMS (E) 9'-7" BEAMS & SOFFITS		P-LS W		W-1			P-LS		BID ALT	F-10 (E) VINYL ASBESTOS TILE CLEAN	HEET A2.1 FOR FOR LVT FIELD & ACCENT COLORS N & RESTORE, SEE SPECS FOR METHOD	AD ANILINE DYE FINISH RF REFINISH FLOORS & INTEGRAL COVE BASE
OFFICE	011A F-10			P-SG			(E) 11'-0"	C-2		& SOFFITS (E) 9'-7" BEAMS											ISH INCLUDING INTEGRAL COVED BASE	CL-C STEAM CLEAN CARPET CL-V CLEAN & WAX V.C.T. CPF CLEAR POLYURETHANE FINISH TO MATCH (E)
COMPUTER WORK	016				C-2	P-LS	(E) 11'-0"	C-2	P-LS	(E) 9'-7" BEAMS	W-1	P-LS W	V-1 P-LS	W-1	P-LS	W-1	P-LS		BASE B		TO MATCH (E) DRE TO MATCH FLOOR	CPF CLEAR POLYURETHANE FINISH TO MATCH (E) VAT STRIP, CLEAN & WAX (E) V.A.T. FLOORING
HALLWAY COMPUTER SERVICES	019 F-1 023- 022D F-10						(E) 8'-0" (E) 11'-0"	 C-2	 P-I S	 (E) 9'-7" BEAMS										B-4 (N) STAINED WOOD STAINED	I & CLEAR COAT TO MATH (E) ISH TO MATCH (E) STAIN & CLEARCOAT	
& OFFICES CATALOG SECTION	023D F-10 025 F-10						(E) 11'-0"	C-2		(E) 9'-7" BEAMS											TO MATCH (E) AS NOTED	
STORAGE					C-1		(E) 11'-0"													W-2 (N) DRYWALL LEVEL	- 5 SMOOTH FINISH, PAINT TO MATCH (E)	
COMMUNITY ROOM STORAGE	026 F-10 F-11 026A F-11	-		SL SL			10'-0"	C-2 C-2		(E) 9'-7" BEAMS (N) 8'-0" SOFFIT	W-1	P-LS W	V-1 P-LS		P-LS		P-LS		BASE B		ALL (E) CEILING TILES	
STAIR - 1	031 F-1																				TO MATCH (E) AS NOTED	
LOADING DOCK																				C-4 (N) 12" X 12" ACOUSTIC CEILING TILE PAINT A	ALL (N) CEILING TILES TO MATCH (E) TO MATCH (E) BEAMS	
STORAGE	020 028						(E) 11'-0" (E) 11'-0"			(E) 9'-7" BEAMS (E) 9'-7" BEAMS							P-LS P-LS					
LEVEL 2 - FIRST FL							(-)			(-)												
PASSAGE	104 F-11						(E) 7'-6" PEN TO ABOVE															
OFFICE	105 F-10 108 F-10					OP	PEN TO ABOVE MEZZANINE RCF PEN TO ABOVE MEZZANINE RCF												BASE B			
OFFICE	111 F-11						(E) 7'-6"															
OFFICE	112 F-11						(E) 7'-6"												BASE B			FINISH NOTES
SECURITY MAIN LOBBY	113 F-11 114 F-11						(E) 7'-6" E) 7'-6" LOW												BASE B	PAINT LEGEND		
CHECK OUT	116 F-11				C-1	P-LS (E	E) 7'-6" LOW													CODE PAINT MANUFACTURER, COLOR & MODEL # P-1 DUNN EDWARDS COLOR TO MATCH (E)	FINISHREMARKSP-ESEXTERIOR BODY, TYP.	 ALL WALL & CEILING PAINT TO BE SATIN, U.O.N. ALL ADHESIVES, SEALANTS & CAULKS SHALL MEET 2019 CAL GREEN V.O.C. REQUIREMENTS ALL PAINTS, COATINGS & AEROSOLS SHALL MEET 2019 CAL GREEN V.O.C. REQUIREMENTS
READING ROOMS, COMPUTE LAB & REFERENCE AREA			- <u></u>				SEE LEVEL 3 ILING SCOPE													WALLS IN READING ROOMS ABOVE BOOK SHELVES, SEE INT. ELEVS. P-2 DUNN EDWARDS COLOR TO MATCH (E) P-3 DUNN EDWARDS COLOR TO MATCH (E)	P-SGEXTERIOR WINDOWS & METALS, TYP.P-SGEXTERIOR METAL CANOPIES, TYP.	 ALL CARPET, FLOOR COVERINGS & ADHESIVES SHALL MEET 2019 CAL GREEN V.O.C. & RECYCLED CONTENT REQUIREMENTS. CONTRACTOR SHALL SUBMIT VERIFICATION / CERTIFICATION OF COMPLIANCE FORMS AS
STAIR MAIN ENTRY	119 F-11 123 F-11						(E) VARIES E) 7'-6" LOW													P-4 DUNN EDWARDS COLOR TO MATCH (E) P-5 DUNN EDWARDS COLOR TO MATCH (E)	P-ESINTERIOR WALL - FIELDP-SGINTERIOR TRIM	 STATED IN GREEN BUILDING CHECKLIST PRIOR TO FINAL INSPECTION. DO NOT PAINT ANY CLEAR COATED (NON-PAINTED) WOOD PANELING, TRIM, BOOKSHELVES, DOORS, RAILINGS OR BASEBOARD UNLESS OTHERWISE NOTED ON THE DRAWINGS.
CONFERENCE ROOM	133 F-10	0 RF	B-4	SL		OP SEE N	PEN TO ABOVE Mezzanine RCF	P			W-1	P-SF							BASE B	P-6 DUNN EDWARDS COLOR TO MATCH (E) P-7 DUNN EDWARDS COLOR TO MATCH (E)	P-ESINTERIOR WALL - FIELDP-SGINTERIOR TRIM	 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. REPLACE ANY DAMAGED, ROTTED OR WATER STAINED ACOUSTICAL CEILING TILES TO
																				P-8 DUNN EDWARDS COLOR TO MATCH (E) P-9 DUNN EDWARDS COLOR TO MATCH (E)	P-ES INTERIOR WALL - ACCENT	MATCH (E), TYP. THROUGH AREAS OF CEILING PAINTING SCOPE. SEE REFLECTED CEILING
LEVEL 3 - MEZZANI READING ROOMS, COMPUTE		EE LEVEL 2	- FIRST FLOO	R FOR	C-1	P-IS	(F) 19'-0"					S	FF I FVFI 2 - FI	IBST FLOO	R FOR WALL P	PAINTING SC	OPF		BASE B		P-ES INTERIOR WALL - ACCENT	PLANS FOR MORE INFORMATION.
LEVEL 3 - MEZZANI READING ROOMS, COMPUTE LAB & REFERENCE AREA ELEVATOR LOBBY		FLOOF	RING SCOPE		C-1 C-2	P-LS P-LS (E	(E) 19'-0" E) 7'-6" LOW								R FOR WALL P		COPE		BASE B	P-10 DUNN EDWARDS COLOR TO MATCH (E) P-10 DUNN EDWARDS COLOR TO MATCH (E)	P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT	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.
READING ROOMS, COMPUTE LAB & REFERENCE AREA ELEVATOR LOBBY MEZZANINE - A	118A-E SE 124 F-11 125 F-10	FLOOF 1 RF 0 VAT	RING SCOPE B-2 B-5	RF SL	C-2 C-1	P-LS (E P-LS	E) 7'-6" LOW (E) 10'-6"				W-1	 P-LS W	 /-1 P-LS	 W-1	 P-LS	 W-1	 P-LS		BASE B		P-LS INTERIOR CEILING - FIELD, TYP., U.O.N.	 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/
READING ROOMS, COMPUTE LAB & REFERENCE AREA ELEVATOR LOBBY MEZZANINE - A MEZZANINE - B	118A-E SE 124 F-11 125 F-10 126 F-10	FLOOF 1 RF 0 VAT 0 VAT	RING SCOPE B-2 B-5 B-5 B-5	RF SL SL	C-2 C-1 C-1	P-LS (E P-LS P-LS	E) 7'-6" LOW (E) 10'-6" (E) 10'-6"				W-1 W-1	 P-LS W P-LS W	 /-1 P-LS /-1 P-LS	 W-1 W-1	P-LS P-LS	 W-1 W-1	 P-LS P-LS		BASE BI BASE BI BASE BI	P-10 DUNN EDWARDS COLOR TO MATCH (E)	P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT	 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.
READING ROOMS, COMPUTE LAB & REFERENCE AREA ELEVATOR LOBBY MEZZANINE - A	118A-E SE 124 F-11 125 F-10 126 F-10 132 F-11	FLOOF 1 RF 0 VAT 0 VAT	RING SCOPE B-2 B-5 B-5 B-5	RF SL SL	C-2 C-1 C-1	P-LS (E P-LS P-LS	E) 7'-6" LOW (E) 10'-6" (E) 10'-6"				W-1 W-1	 P-LS W P-LS W	 /-1 P-LS /-1 P-LS	 W-1 W-1	P-LS P-LS	 W-1 W-1	 P-LS		BASE BI BASE BI BASE BI	P-10 DUNN EDWARDS COLOR TO MATCH (E)	P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT	 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/
READING ROOMS, COMPUTE LAB & REFERENCE AREA ELEVATOR LOBBY MEZZANINE - A MEZZANINE - B STAIR LEVEL 5 - SECOND OFFICE	118A-E SE 124 F-11 125 F-10 126 F-10 132 F-11 FLOOR 201	FLOOF 1 RF 0 VAT 0 VAT 1 RF	RING SCOPE B-2 B-5 B-5 B-2 B-2	RF SL SL RF	C-2 C-1 C-1 C-2	P-LS (E P-LS P-LS P-LS	E) 7'-6" LOW (E) 10'-6" (E) 10'-6"		 		W-1 W-1	W P-LS W P-LS W	 /-1 P-LS /-1 P-LS 	 W-1 W-1	 P-LS P-LS 	 W-1 W-1	 P-LS P-LS		BASE B BASE B BASE B BASE B	P-10 DUNN EDWARDS COLOR TO MATCH (E)	P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT	 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/
READING ROOMS, COMPUTE LAB & REFERENCE AREA ELEVATOR LOBBY MEZZANINE - A MEZZANINE - B STAIR LEVEL 5 - SECOND OFFICE OFFICE	118A-E SE 124 F-11 125 F-10 126 F-10 132 F-11 FLOOR 201 201A	FLOOF 1 RF 0 VAT 0 VAT 1 RF 	RING SCOPE B-2 B-5 B-5 B-2 B-2	RF SL SL RF	C-2 C-1 C-1 C-2	P-LS (E P-LS P-LS P-LS	E) 7'-6" LOW (E) 10'-6" (E) 10'-6" (E) VARIES	 			W-1 W-1	W P-LS W P-LS W 	 V-1 P-LS V-1 P-LS 	 W-1 W-1 	 P-LS P-LS 	 W-1 W-1	 P-LS P-LS 		BASE BI BASE BI BASE BI BASE BI	P-10 DUNN EDWARDS COLOR TO MATCH (E)	P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT	 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/
READING ROOMS, COMPUTE LAB & REFERENCE AREA ELEVATOR LOBBY MEZZANINE - A MEZZANINE - B STAIR LEVEL 5 - SECOND OFFICE	118A-E SE 124 F-11 125 F-10 126 F-10 132 F-11 FLOOR 201	FLOOF 1 RF 0 VAT 0 VAT 1 RF 	RING SCOPE B-2 B-5 B-5 B-2 B-2 	RF SL SL RF	C-2 C-1 C-1 C-2 	P-LS (E P-LS P-LS P-LS 	E) 7'-6" LOW (E) 10'-6" (E) 10'-6" (E) VARIES 	 		 	W-1 W-1 	W P-LS W P-LS W 	 V-1 P-LS V-1 P-LS 	 W-1 W-1 	 P-LS P-LS 	 W-1 W-1 	 P-LS P-LS 	 	BASE B BASE B BASE B BASE B	P-10 DUNN EDWARDS COLOR TO MATCH (E)	P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT	 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/
READING ROOMS, COMPUTE LAB & REFERENCE AREA ELEVATOR LOBBY MEZZANINE - A MEZZANINE - B STAIR LEVEL 5 - SECOND OFFICE OFFICE OFFICE OFFICE	118A-E SE 124 F-11 125 F-10 126 F-10 132 F-11 FLOOR 201 201A 202A 202B	FLOOF 1 RF 0 VAT 0 VAT 1 RF 	RING SCOPE B-2 B-5 B-5 B-5 B-2 	RF SL SL RF 	C-2 C-1 C-1 C-2 	P-LS (E P-LS P-LS	E) 7'-6" LOW (E) 10'-6" (E) 10'-6" (E) VARIES 		 	 	W-1 W-1 	W P-LS W P-LS W 	 /-1 P-LS /-1 P-LS 	 W-1 W-1 	 P-LS P-LS 	 W-1 W-1 	 P-LS P-LS 	 	BASE BI BASE BI BASE BI BASE BI	P-10 DUNN EDWARDS COLOR TO MATCH (E)	P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT	 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/
READING ROOMS, COMPUTE LAB & REFERENCE AREA ELEVATOR LOBBY MEZZANINE - A MEZZANINE - B STAIR LEVEL 5 - SECOND OFFICE OFFICE OFFICE OFFICE DIRECTORS OFFICE	118A-E SE 124 F-11 125 F-10 126 F-10 127 F-10 128 F-11 129 F-11 1201 201A 202A 202B 203	FLOOF 1 RF 0 VAT 0 VAT 1 RF 	RING SCOPE B-2 B-5 B-5 B-2 B-2 C B-2 C C C C C C C C C C C C C C C C C C C	RF SL SL RF 	C-2 C-1 C-1 C-2 	P-LS (E P-LS P-LS	E) 7'-6" LOW (E) 10'-6" (E) 10'-6" (E) VARIES 			 	W-1 W-1	W P-LS W W 	 /-1 P-LS /-1 P-LS 	 W-1 W-1 	 P-LS P-LS 	 W-1 W-1 	 P-LS P-LS 		BASE BI BASE BI BASE BI BASE BI	P-10 DUNN EDWARDS COLOR TO MATCH (E)	P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT	 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/
READING ROOMS, COMPUTE LAB & REFERENCE AREA ELEVATOR LOBBY MEZZANINE - A MEZZANINE - B STAIR LEVEL 5 - SECOND OFFICE OFFICE OFFICE OFFICE	118A-E SE 124 F-11 125 F-10 126 F-10 127 F-10 128 F-11 129 F-11 1201 201A 202A 202B 203	FLOOF 1 RF 0 VAT 0 VAT 1 RF	RING SCOPE B-2 B-5 B-5 B-2 C B-2 C C B-2 C C C C C C C C C C C C C C C C C C C	RF SL SL RF	C-2 C-1 C-1 C-2 	P-LS (E P-LS – – – – – – – – – – – – – – – – – – –	E) 7'-6" LOW (E) 10'-6" (E) 10'-6" (E) VARIES 			 	W-1 W-1	W P-LS W W 	 /-1 P-LS /-1 P-LS 	 W-1 W-1 	 P-LS P-LS 	 W-1 W-1 	 P-LS P-LS 		BASE BI BASE BI BASE BI BASE BI	P-10 DUNN EDWARDS COLOR TO MATCH (E)	P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT	 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/
READING ROOMS, COMPUTE LAB & REFERENCE AREAELEVATOR LOBBYMEZZANINE - AMEZZANINE - BSTAIRLEVEL 5 - SECONDOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEDIRECTORS OFFICERECEPTIONOFFICEOFFICEOFFICEOFFICEDIRECTORS OFFICERECEPTIONOFFICEOFFICEOFFICE	118A-E SE 124 F-11 125 F-10 126 F-10 132 F-11 TAR F-11 201 201A 202A 202A 203 204 206 207	FLOOF 1 RF 0 VAT 0 VAT 1 RF	RING SCOPE B-2 B-5 B-5 B-7 B-7 <tr tr=""> B-7</tr>	RF SL SL RF </td <td>C-2 C-1 C-1 C-2 -</td> <td>P-LS (E P-LS 7 P-LS 7 P-LS 7 7 7 7 7 7 7 7 -</td> <td>E) 7'-6" LOW (E) 10'-6" (E) 10'-6" (E) VARIES -</td> <td></td> <td></td> <td></td> <td>W-1 W-1</td> <td> W P-LS W P-LS W -</td> <td> /-1 P-LS /-1 P-LS </td> <td> W-1 W-1 </td> <td> P-LS P-LS </td> <td> W-1 W-1 </td> <td> P-LS P-LS <tr tr=""> </tr></td> <td></td> <td>BASE BI BASE BI BASE BI BASE BI</td> <td>P-10 DUNN EDWARDS COLOR TO MATCH (E)</td> <td>P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT</td> <td> 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/ </td>	C-2 C-1 C-1 C-2 -	P-LS (E P-LS 7 P-LS 7 P-LS 7 7 7 7 7 7 7 7 -	E) 7'-6" LOW (E) 10'-6" (E) 10'-6" (E) VARIES -				W-1 W-1	W P-LS W P-LS W -	 /-1 P-LS /-1 P-LS 	 W-1 W-1 	 P-LS P-LS 	 W-1 W-1 	P-LS P-LS <tr tr=""> </tr>		BASE BI BASE BI BASE BI BASE BI	P-10 DUNN EDWARDS COLOR TO MATCH (E)	P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT	 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/
READING ROOMS, COMPUTE LAB & REFERENCE AREA ELEVATOR LOBBY MEZZANINE - A MEZZANINE - B STAIR LEVEL 5 - SECOND OFFICE OFFICE OFFICE OFFICE DIRECTORS OFFICE RECEPTION OFFICE	118A-E SE 124 F-11 125 F-10 126 F-10 132 F-11 TARE SE 201 201A 202A 202B 203 204 206	FLOOF 1 RF 0 VAT 0 VAT 1 RF	RING SCOPE B-2 B-5 B-5 B-7 B-7 <tr tr=""> B-7</tr>	RF SL SL RF	C-2 C-1 C-1 C-2 -	P-LS (E P-LS 7 P-LS 7 P-LS 7 7 7 7 7 7 7 7 -	E) 7'-6" LOW (E) 10'-6" (E) VARIES -				W-1 W-1	W P-LS W P-LS W 	 /-1 P-LS /-1 P-LS 	 W-1 W-1 	 P-LS P-LS -	W-1 W-1	 P-LS P-LS 		BASE BI BASE BI BASE BI BASE BI	P-10 DUNN EDWARDS COLOR TO MATCH (E)	P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT	 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/
READING ROOMS, COMPUTE LAB & REFERENCE AREAELEVATOR LOBBYMEZZANINE - AMEZZANINE - BSTAIRLEVEL 5 - SECONDOFFICEOFFICEOFFICEOFFICEOFFICEDIRECTORS OFFICERECEPTIONOFFICEOFFICEOFFICEOFFICEOFFICEDIRECTORS OFFICERECEPTIONOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICE	118A-E SE 124 F-11 125 F-10 126 F-10 127 F-11 132 F-11 FLOOR 201 201A 202A 202A 202B 203 204 206 207 209	FLOOF 1 RF 0 VAT 0 VAT 1 RF	RING SCOPE B-2 B-5 B-5 B-2 <	RF SL SL RF	C-2 C-1 C-1 C-2 -	P-LS (E P-LS) P-LS / P-LS / /////////////////////////////////	E) 7'-6" LOW (E) 10'-6" (E) VARIES -				W-1 W-1	W P-LS W W M 	 /-1 P-LS /-1 P-LS 	 W-1 W-1 	 P-LS P-LS 	W-1 W-1	 P-LS P-LS 		BASE BI	P-10 DUNN EDWARDS COLOR TO MATCH (E)	P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT	 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/
READING ROOMS, COMPUTE LAB & REFERENCE AREAELEVATOR LOBBYMEZZANINE - AMEZZANINE - BSTAIRLEVEL 5 - SECONDOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEDIRECTORS OFFICERECEPTIONOFFICEOFFICEOFFICEOFFICEDIRECTORS OFFICERECEPTIONOFFICEOPEN OFFICEOPEN OFFICE	118A-E SE 124 F-11 125 F-10 126 F-10 132 F-11 201 201A 202A 202B 202B 203 204 206 207 209 210 215 F-10 216	FLOOF 1 RF 0 VAT 0 VAT 1 RF 0 VAT	RING SCOPE B-2 B-5 B-5 B-7 B-7 <tr tr=""> B-7</tr>	RF SL SL RF	C-2 C-1 C-1 C-2 -	P-LS (E P-LS) P-LS) P-LS) (((((((E) 7'-6" LOW (E) 10'-6" (E) VARIES (E) VARIES -				W-1 W-1 -	W P-LS W W M 	 /-1 P-LS /-1 P-LS 	 W-1 W-1 	 P-LS P-LS 	W-1 W-1	P-LS P-LS <tr tr=""> </tr>		BASE BI	P-10 DUNN EDWARDS COLOR TO MATCH (E)	P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT	 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/
READING ROOMS, COMPUTE LAB & REFERENCE AREA ELEVATOR LOBBY MEZZANINE - A MEZZANINE - B STAIR LEVEL 5 - SECOND OFFICE OFFICE OFFICE OFFICE OFFICE DIRECTORS OFFICE RECEPTION OFFICE OFFICE OFFICE FINANCE SERVICES CONFERENCE OPEN OFFICE SECOND START	118A-E SE 124 F-11 125 F-10 126 F-10 132 F-11 T201 201A 202A 202B 202A 202A 202A 202A 203 204 205 206 207 209 210 210 210 210 210 211 211 211 211 211 211 211 211 211	FLOOF 1 RF 0 VAT 0 VAT 1 RF 0 VAT 0 VAT 0 VAT <td>RING SCOPE B-2 B-5 B-7 B-7 <tr tr=""> B-7</tr></td> <td>RF SL SL RF </td> <td>C-2 C-1 C-1 C-2 -</td> <td>P-LS (E P-LS) P-LS) P-LS) (1) (1) -</td> <td>E) 7'-6" LOW (E) 10'-6" (E) VARIES -</td> <td></td> <td></td> <td></td> <td>W-1 W-1 </td> <td> % % % % % % % % % % % % % % % % % %</td> <td> /-1 P-LS /-1 P-LS </td> <td> W-1 W-1 -</td> <td> P-LS P-LS </td> <td> W-1 W-1</td> <td> P-LS P-LS </td> <td></td> <td>BASE BI BASE BI BASE BI BASE BI BASE BI BASE BI BASE BI BASE BI</td> <td>P-10 DUNN EDWARDS COLOR TO MATCH (E)</td> <td>P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT</td> <td> 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/ </td>	RING SCOPE B-2 B-5 B-7 B-7 <tr tr=""> B-7</tr>	RF SL SL RF	C-2 C-1 C-1 C-2 -	P-LS (E P-LS) P-LS) P-LS) (1) -	E) 7'-6" LOW (E) 10'-6" (E) VARIES -				W-1 W-1 	% % % % % % % % % % % % % % % % % %	 /-1 P-LS /-1 P-LS 	 W-1 W-1 -	 P-LS P-LS 	W-1 W-1	P-LS P-LS		BASE BI BASE BI BASE BI BASE BI BASE BI BASE BI BASE BI BASE BI	P-10 DUNN EDWARDS COLOR TO MATCH (E)	P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT	 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/
READING ROOMS, COMPUTE LAB & REFERENCE AREAELEVATOR LOBBYMEZZANINE - AMEZZANINE - BSTAIRLEVEL 5 - SECONDOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEDIRECTORS OFFICERECEPTIONOFFICEOFFICEOFFICEOFFICEDIRECTORS OFFICERECEPTIONOFFICEOPEN OFFICEOPEN OFFICE	118A-E SE 124 F-11 125 F-10 126 F-10 132 F-11 201 201A 202A 202B 202B 203 204 206 207 209 210 215 F-10 216	FLOOF 1 RF 0 VAT 0 VAT 1 RF 0 VAT 0 VAT 0 VAT 0 VAT 0 VAT	RING SCOPE B-2 B-5 B-5 B-7 B-7 <tr tr=""> B-7</tr>	RF SL SL RF <td>C-2 C-1 C-1 C-2 -</td> <td>P-LS (E P-LS (E P-LS 2 P-LS 2 P-LS 2 </td> <td>E) 7'-6" LOW (E) 10'-6" (E) VARIES (E) VARIES -</td> <td></td> <td></td> <td></td> <td>W-1 W-1 </td> <td> N P-LS N P-LS N <</td> <td> /-1 P-LS /-1 P-LS </td> <td> W-1 W-1 -</td> <td> P-LS P-LS -</td> <td> W-1 W-1</td> <td> P-LS P-LS <tr tr=""> </tr></td> <td></td> <td>BASE BI BASE BI BASE BI BASE BI BASE BI BASE BI BASE BI BASE BI</td> <td>P-10 DUNN EDWARDS COLOR TO MATCH (E)</td> <td>P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT</td> <td> 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/ </td>	C-2 C-1 C-1 C-2 -	P-LS (E P-LS (E P-LS 2 P-LS 2 P-LS 2 	E) 7'-6" LOW (E) 10'-6" (E) VARIES (E) VARIES -				W-1 W-1 	N P-LS N P-LS N <	 /-1 P-LS /-1 P-LS 	 W-1 W-1 -	 P-LS P-LS -	W-1 W-1	P-LS P-LS <tr tr=""> </tr>		BASE BI BASE BI BASE BI BASE BI BASE BI BASE BI BASE BI BASE BI	P-10 DUNN EDWARDS COLOR TO MATCH (E)	P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT	 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/
READING ROOMS, COMPUTE LAB & REFERENCE AREAELEVATOR LOBBYMEZZANINE - AMEZZANINE - BSTAIRLEVEL 5 - SECONDOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEDIRECTORS OFFICERECEPTIONOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEPENOFFICESECOND STARTPERIODICALSTEEN ZONEOPEN OFFICEOPEN OFFICE	118A-E SE 124 F-11 125 F-10 126 F-10 132 F-11 132 F-11 201 201A 202A 202B 202B 202A 203 204 205 206 207 208 201 203 204 205 206 207 210 210 215 F-10 215 F-10 218A F-10 218B 219	FLOOF 1 RF 0 VAT 0 VAT 1 RF 0 VAT 0 VAT 0 VAT 0 VAT 0 VAT 0 VAT 0 VAT 0 VAT 0 0 0	RING SCOPE B-2 B-5 B-5 B-7 Image: Stress Stre	RF SL SL RF	C-2 C-1 C-1 C-2 -	P-LS (E P-LS (E P-LS (E P-LS (E	E) 7'-6" LOW (E) 10'-6" (E) VARIES (E) VARIES -				W-1 W-1 W-1 	V P-LS V P-LS V V V 1 		 W-1 W-1 	 P-LS P-LS 	W-1 W-1 W-1	P-LS P-LS		BASE B BASE B BASE B BASE B BASE B B BASE B B BASE B B BASE B	P-10 DUNN EDWARDS COLOR TO MATCH (E)	P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT	 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/
READING ROOMS, COMPUTE LAB & REFERENCE AREA ELEVATOR LOBBY MEZZANINE - A MEZZANINE - B STAIR LEVEL 5 - SECOND OFFICE OFFICE OFFICE OFFICE OFFICE DIRECTORS OFFICE RECEPTION OFFICE OFFICE OFFICE OFFICE FINANCE SERVICES CONFERENCE OPEN OFFICE SECOND START PERIODICALS	118A-E SE 124 F-11 125 F-10 126 F-10 132 F-11 132 F-11 201 201A 202A 202A 202A 202A 203 204 207 206 201 203 204 205 206 207 208 210 210 210 2110 216 218A F-10 218B	FLOOF 1 RF 0 VAT 0 VAT 1 RF 0 VAT 0 VAT 0 VAT 0 VAT 0 VAT 0 VAT	RING SCOPE B-2 B-5 B-5 B-2 B-3 B-3 <tr tr=""> B-3</tr>	RF SL SL RF	C-2 C-1 C-1 C-2 -	P-LS (E P-LS	E) 7'-6" LOW (E) 10'-6" (E) VARIES (E) VARIES -				W-1 W-1 	(P-LS (P-LS () 		 	 P-LS P-LS 	W-1 W-1 W-1	P-LS P-LS		BASE B BASE B BASE B BASE B BASE B BASE B B BASE B B BASE B	P-10 DUNN EDWARDS COLOR TO MATCH (E)	P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT	 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/
READING ROOMS, COMPUTE LAB & REFERENCE AREAELEVATOR LOBBYMEZZANINE - AMEZZANINE - BSTAIRLEVEL 5 - SECONDOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEDIRECTORS OFFICERECEPTIONOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOPEN OFFICESECOND STARTPERIODICALSTEEN ZONEOPEN OFFICEOPEN OFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICE	118A-E SE 124 F-11 125 F-10 126 F-10 132 F-11 132 F-11 201 201A 202A 202A 202A 202A 203 204 205 206 207 208 201 203 204 205 206 210 210 210 2110 2110 2110 2110 2110 2110 2110 2110 2110 <td< td=""><td>FLOOF 1 RF 0 VAT 0 VAT 1 RF 1 RF 0 VAT 0 VAT</td><td>RING SCOPE B-2 B-5 B-5 B-5 B-7 Image: Stress Stress</td><td>RF SL SL RF <td>C-2 C-1 C-1 C-2 -</td><td>P-LS (E P-LS (E P-LS (E P-LS (E (E</td><td>E) 7'-6" LOW (E) 10'-6" (E) VARIES (E) VARIES -</td><td></td><td></td><td></td><td>W-1 W-1 </td><td></td><td></td><td> W1 W1 </td><td> P-LS P-LS </td><td> W-1 W-1 W-1</td><td> P-LS P-LS <!--</td--><td></td><td>BASE B BASE B BASE B BASE B BASE B BASE B B BASE B B BASE B B BASE B</td><td>P-10 DUNN EDWARDS COLOR TO MATCH (E)</td><td>P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT</td><td> 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/ </td></td></td></td<>	FLOOF 1 RF 0 VAT 0 VAT 1 RF 1 RF 0 VAT	RING SCOPE B-2 B-5 B-5 B-5 B-7 Image: Stress	RF SL SL RF <td>C-2 C-1 C-1 C-2 -</td> <td>P-LS (E P-LS (E P-LS (E P-LS (E (E</td> <td>E) 7'-6" LOW (E) 10'-6" (E) VARIES (E) VARIES -</td> <td></td> <td></td> <td></td> <td>W-1 W-1 </td> <td></td> <td></td> <td> W1 W1 </td> <td> P-LS P-LS </td> <td> W-1 W-1 W-1</td> <td> P-LS P-LS <!--</td--><td></td><td>BASE B BASE B BASE B BASE B BASE B BASE B B BASE B B BASE B B BASE B</td><td>P-10 DUNN EDWARDS COLOR TO MATCH (E)</td><td>P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT</td><td> 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/ </td></td>	C-2 C-1 C-1 C-2 -	P-LS (E P-LS (E P-LS (E P-LS (E	E) 7'-6" LOW (E) 10'-6" (E) VARIES (E) VARIES -				W-1 W-1 			 W1 W1 	 P-LS P-LS 	W-1 W-1 W-1	P-LS P-LS </td <td></td> <td>BASE B BASE B BASE B BASE B BASE B BASE B B BASE B B BASE B B BASE B</td> <td>P-10 DUNN EDWARDS COLOR TO MATCH (E)</td> <td>P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT</td> <td> 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/ </td>		BASE B BASE B BASE B BASE B BASE B BASE B B BASE B B BASE B B BASE B	P-10 DUNN EDWARDS COLOR TO MATCH (E)	P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT	 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/
READING ROOMS, COMPUTE LAB & REFERENCE AREA ELEVATOR LOBBY MEZZANINE - A MEZZANINE - B STAIR LEVEL 5 - SECOND OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE FINANCE SERVICES CONFERENCE OPEN OFFICE SECOND START PERIODICALS TEEN ZONE OPEN OFFICE OPEN OFFICE OPEN OFFICE OPEN OFFICE OPEN OFFICE OPEN OFFICE OPEN OFFICE OPEN OFFICE OFFICE OFFICE OFFICE	118A-E SE 124 F-11 125 F-10 126 F-10 132 F-11 201 201A 202A 202A 202A 202A 203 204 207 208 201 203 204 205 206 207 208 210 210 211 212 F-10 218 218 218 220 F-10 224 F-10 224A F-10 224A F-10	FLOOF 1 RF 0 VAT 0 VAT 1 RF 0 VAT	RING SCOPE B-2 B-5 B-5 B-5 B-7 Image: State S	RF SL SL RF	C-2 C-1 C-2 C-2 -	P-LS (E P-LS	E) 7'-6" LOW (E) 10'-6" (E) VARIES (E) VARIES -				W-11 W-1 	P-LS P-LS <td< td=""><td></td><td> </td><td> P-LS P-LS </td><td> W-1 W-1 W-1</td><td> P-LS <td></td><td>BASE B BASE B BASE B BASE B BASE B B BASE B B BASE B B BASE B B BASE B B BASE B</td><td>P-10 DUNN EDWARDS COLOR TO MATCH (E) P-11 DUNN EDWARDS COLOR TO MATCH (E) IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td><td>P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT</td><td> 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/ </td></td></td<>		 	 P-LS P-LS 	W-1 W-1 W-1	P-LS <td></td> <td>BASE B BASE B BASE B BASE B BASE B B BASE B B BASE B B BASE B B BASE B B BASE B</td> <td>P-10 DUNN EDWARDS COLOR TO MATCH (E) P-11 DUNN EDWARDS COLOR TO MATCH (E) IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td> <td>P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT</td> <td> 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/ </td>		BASE B BASE B BASE B BASE B BASE B B BASE B B BASE B B BASE B B BASE B B BASE B	P-10 DUNN EDWARDS COLOR TO MATCH (E) P-11 DUNN EDWARDS COLOR TO MATCH (E) IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT	 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/
READING ROOMS, COMPUTE LAB & REFERENCE AREAELEVATOR LOBBYMEZZANINE - AMEZZANINE - BSTAIRLEVEL 5 - SECONDOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEDIRECTORS OFFICERECEPTIONOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOPEN OFFICESECOND STARTPERIODICALSTEEN ZONEOPEN OFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOPEN OFFICE <td>118A-E SE 124 F-11 125 F-10 126 F-11 132 F-11 201 201A 202A 202A 202B 202A 203 204 205 206 207 208 209 210 210 210 210 210 210 211 F-10 212 F-10 218A F-10 218B 219 220 F-10 224 F-10</td> <td>FLOOF 1 RF 0 VAT 0 VAT 1 RF 0 VAT 0 VAT</td> <td>RING SCOPE B-2 B-5 B-5 B-5 B-7 B-5 B-7 Image: Stress Str</td> <td>RF SL SL RF <td>C-2 C-1 C-2 C-2 C-2 -</td><td>P-LS (E P-LS (E P-LS (E P-LS (E (E</td><td>E) 7'-6" LOW (E) 10'-6" (E) VARIES (E) VARIES -</br></td><td></td><td></td><td></td><td>W-1 W-1 W-1 </td><td> </td><td></td><td> W1 W1 W1 -</td><td> P-LS P-LS </td><td> W-1 W-1 W-1</td><td> P-LS <td></td><td>BASE B BASE B</td><td>P-10 DUNN EDWARDS COLOR TO MATCH (E) P-11 DUNN EDWARDS COLOR TO MATCH (E) Image: Im</td><td>P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT</td><td> 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/ </td></td></td>	118A-E SE 124 F-11 125 F-10 126 F-11 132 F-11 201 201A 202A 202A 202B 202A 203 204 205 206 207 208 209 210 210 210 210 210 210 211 F-10 212 F-10 218A F-10 218B 219 220 F-10 224 F-10	FLOOF 1 RF 0 VAT 0 VAT 1 RF 0 VAT	RING SCOPE B-2 B-5 B-5 B-5 B-7 B-5 B-7 Image: Stress Str	RF SL SL RF <td>C-2 C-1 C-2 C-2 C-2 -</td> <td>P-LS (E P-LS (E P-LS (E P-LS (E (E</td> <td>E) 7'-6" LOW (E) 10'-6" (E) VARIES (E) VARIES -</br></td> <td></td> <td></td> <td></td> <td>W-1 W-1 W-1 </td> <td> </td> <td></td> <td> W1 W1 W1 -</td> <td> P-LS P-LS </td> <td> W-1 W-1 W-1</td> <td> P-LS <td></td><td>BASE B BASE B</td><td>P-10 DUNN EDWARDS COLOR TO MATCH (E) P-11 DUNN EDWARDS COLOR TO MATCH (E) Image: Im</td><td>P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT</td><td> 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/ </td></td>	C-2 C-1 C-2 C-2 C-2 -	P-LS (E P-LS (E P-LS (E P-LS (E	E) 7'-6" LOW (E) 10'-6" (E) VARIES 				W-1 W-1 W-1 			 W1 W1 W1 -	 P-LS P-LS 	W-1 W-1 W-1	P-LS <td></td> <td>BASE B BASE B</td> <td>P-10 DUNN EDWARDS COLOR TO MATCH (E) P-11 DUNN EDWARDS COLOR TO MATCH (E) Image: Im</td> <td>P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT</td> <td> 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/ </td>		BASE B	P-10 DUNN EDWARDS COLOR TO MATCH (E) P-11 DUNN EDWARDS COLOR TO MATCH (E) Image: Im	P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT	 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/
READING ROOMS, COMPUTE LAB & REFERENCE AREA ELEVATOR LOBBY MEZZANINE - A MEZZANINE - B STAIR LEVEL 5 - SECOND OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE SECOND START PERIODICALS TEEN ZONE OPEN OFFICE OPEN OFFICE SECOND START PERIODICALS TEEN ZONE OPEN OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE	118A-E SE 124 F-11 125 F-10 126 F-10 132 F-11 126 F-10 132 F-11 201 201A 202A 202B 202A 203 204 205 206 207 208 209 210 210 210 210 210 210 211 F-10 218 218 220 F-10 224 F-10 224B F-10 225 F-10	FLOOF 1 RF 0 VAT 0 VAT 1 RF 0 VAT 0 VAT 0 VAT 0 VAT 0 VAT 0 VAT 0 VAT 0 VAT 0 VAT 0 VAT 0 VAT 0 VAT 0 VAT 0 VAT	RING SCOPE B-2 B-5 Image: Second Sec	RF SL SL RF <td>C-2 C-1 C-2 C-2 C-2 -</td> <td>P-LS (E P-LS (E P-LS (E (E</td> <td>E) 7'-6" LOW (E) 10'-6" (E) VARIES (E) VARIES -</td> <td></td> <td></td> <td></td> <td>W-11 W-1 </td> <td> </td> <td></td> <td> </td> <td> P-LS P-LS </td> <td> W-1 W-1 W-1</td> <td> P-LS P-LS </td> <td></td> <td>BASE B BASE B</td> <td>P-10 DUNN EDWARDS COLOR TO MATCH (E) P-11 DUNN EDWARDS COLOR TO MATCH (E) IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td> <td>P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT</td> <td> 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/ </td>	C-2 C-1 C-2 C-2 C-2 -	P-LS (E P-LS (E P-LS (E	E) 7'-6" LOW (E) 10'-6" (E) VARIES (E) VARIES -				W-11 W-1 			 	 P-LS P-LS 	W-1 W-1 W-1	P-LS P-LS		BASE B	P-10 DUNN EDWARDS COLOR TO MATCH (E) P-11 DUNN EDWARDS COLOR TO MATCH (E) IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT	 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/
READING ROOMS, COMPUTE LAB & REFERENCE AREAELEVATOR LOBBYMEZZANINE - AMEZZANINE - BSTAIRLEVEL 5 - SECONDOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEDIRECTORS OFFICERECEPTIONOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOFFICEOPEN OFFICESECOND STARTPERIODICALSTEEN ZONEOPEN OFFICEOFFICEOFFICEOFFICEOFFICESECUND STARTPERIODICALSTEEN ZONEOFFICE	118A-E SE 124 F-11 125 F-10 126 F-10 132 F-11 132 F-11 126 F-10 132 F-11 126 F-10 132 F-11 201 201A 202A 202A 203 204 203 204 205 206 207 208 210 210 210 211 F-10 218A F-10 218A F-10 224A F-10 224A F-10 225 F-10 226 F-10 228 F-10	FLOOF 1 RF 0 VAT 0 VAT 1 RF 0 VAT 0	RING SCOPE B-2 B-5 B-5 B-5 B-5 B-7 Image: Strate	RF SL SL RF	C-2 C-1 C-2 C-2 C-2 </td <td>P-LS (E P-LS </td> <td>E) 7'-6" LOW (E) 10'-6" (E) VARIES (E) VARIES -</td> <td></td> <td></td> <td></td> <td>W-11 W-1 </td> <td> </td> <td> /-1 P-LS /-1 P-LS </td> <td> </td> <td></td> <td> W-1 W-1 W-1</td> <td> P-LS P-LS </td> <td></td> <td>BASE B BASE B</td> <td>P-10 DUNN EDWARDS COLOR TO MATCH (E) P-11 DUNN EDWARDS COLOR TO MATCH (E) IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td> <td>P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT</td> <td> 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/ </td>	P-LS (E P-LS	E) 7'-6" LOW (E) 10'-6" (E) VARIES (E) VARIES -				W-11 W-1 		/-1 P-LS /-1 P-LS	 		W-1 W-1 W-1	P-LS P-LS		BASE B	P-10 DUNN EDWARDS COLOR TO MATCH (E) P-11 DUNN EDWARDS COLOR TO MATCH (E) IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT	 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/
READING ROOMS, COMPUTE LAB & REFERENCE AREAELEVATOR LOBBYMEZZANINE - AMEZZANINE - BSTAIRLEVEL 5 - SECONDOFFICEOPEN OFFICEOPEN OFFICESECOND STARTPERIODICALSTEEN ZONEOPEN OFFICE <td>118A-E SE 124 F-11 125 F-10 126 F-10 132 F-11 132 F-11 201 201A 202A 202B 202A 202B 202A 203 204 205 206 207 208 209 210 210 210 210 211 F-10 218 218 218 224 F-10 224 F-10 224 F-10 225 F-10 226 F-10</td> <td>FLOOF 1 RF 0 VAT 0 VAT 1 RF 1 RF 0 VAT 0 <t< td=""><td>RING SCOPE B-2 B-5 B-5 B-5 B-5 B-2 B-5 Image: Strategy Strategy</td><td>RF SL SL RF <td>C-2 C-1 C-2 C-2 -</td><td>P-LS (E P-LS </td><td>E) 7'-6" LOW (E) 10'-6" (E) VARIES (E) VARIES -</br></td><td></td><td></td><td></td><td></td><td></td><td> /-1 P-LS /-1 P-LS </td><td></td><td></td><td> W-1 W-1 W-1 W-1 </td><td> P-LS P-LS <td< td=""><td></td><td>BASE B BASE B</td><td>P-10 DUNN EDWARDS COLOR TO MATCH (E) P-11 DUNN EDWARDS COLOR TO MATCH (E) IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td><td>P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT</td><td> 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/ </td></td<></td></td></t<></td>	118A-E SE 124 F-11 125 F-10 126 F-10 132 F-11 132 F-11 201 201A 202A 202B 202A 202B 202A 203 204 205 206 207 208 209 210 210 210 210 211 F-10 218 218 218 224 F-10 224 F-10 224 F-10 225 F-10 226 F-10	FLOOF 1 RF 0 VAT 0 VAT 1 RF 1 RF 0 VAT 0 <t< td=""><td>RING SCOPE B-2 B-5 B-5 B-5 B-5 B-2 B-5 Image: Strategy Strategy</td><td>RF SL SL RF <td>C-2 C-1 C-2 C-2 -</td><td>P-LS (E P-LS </td><td>E) 7'-6" LOW (E) 10'-6" (E) VARIES (E) VARIES -</br></td><td></td><td></td><td></td><td></td><td></td><td> /-1 P-LS /-1 P-LS </td><td></td><td></td><td> W-1 W-1 W-1 W-1 </td><td> P-LS P-LS <td< td=""><td></td><td>BASE B BASE B</td><td>P-10 DUNN EDWARDS COLOR TO MATCH (E) P-11 DUNN EDWARDS COLOR TO MATCH (E) IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td><td>P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT</td><td> 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/ </td></td<></td></td></t<>	RING SCOPE B-2 B-5 B-5 B-5 B-5 B-2 B-5 Image: Strategy	RF SL SL RF <td>C-2 C-1 C-2 C-2 -</td> <td>P-LS (E P-LS </td> <td>E) 7'-6" LOW (E) 10'-6" (E) VARIES (E) VARIES -</br></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td> /-1 P-LS /-1 P-LS </td> <td></td> <td></td> <td> W-1 W-1 W-1 W-1 </td> <td> P-LS P-LS <td< td=""><td></td><td>BASE B BASE B</td><td>P-10 DUNN EDWARDS COLOR TO MATCH (E) P-11 DUNN EDWARDS COLOR TO MATCH (E) IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td><td>P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT</td><td> 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/ </td></td<></td>	C-2 C-1 C-2 C-2 -	P-LS (E P-LS	E) 7'-6" LOW (E) 10'-6" (E) VARIES 						/-1 P-LS /-1 P-LS			W-1 W-1 W-1 W-1	P-LS P-LS <td< td=""><td></td><td>BASE B BASE B</td><td>P-10 DUNN EDWARDS COLOR TO MATCH (E) P-11 DUNN EDWARDS COLOR TO MATCH (E) IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td><td>P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT</td><td> 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/ </td></td<>		BASE B	P-10 DUNN EDWARDS COLOR TO MATCH (E) P-11 DUNN EDWARDS COLOR TO MATCH (E) IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT	 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/
READING ROOMS, COMPUTE LAB & REFERENCE AREA ELEVATOR LOBBY MEZZANINE - A MEZZANINE - B STAIR LEVEL 5 - SECOND OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE DIRECTORS OFFICE RECEPTION OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE FINANCE SERVICES CONFERENCE OFFICE OFFICE SECOND START PERIODICALS TEEN ZONE OPEN OFFICE SECOND START PERIODICALS TEEN ZONE OPEN OFFICE	118A-E SE 124 F-11 125 F-10 126 F-10 132 F-11 126 F-10 132 F-11 201 F-11 201A F-10 202A F-10 202B F-10 202A F-10 203 F-10 204 F-10 205 F-10 206 F-10 207 F-10 208 F-10 210 F-10 210 F-10 211 F-10 212 F-10 213 F-10 214 F-10 215 F-10 218A F-10 218A F-10 224 F-10 224 F-10 224 F-10 224 F-10 224 F-10 225 F-10 226 F-10 231 F-10 <td>FLOOF RF 0 VAT 0 VAT 1 RF 1 RF 1 RF 1 RF 1 RF 0 VAT 0 VAT</td> <td>RING SCOPE B-2 B-5 B-2 B-5 B-2 B-2 B-2 B-2 B-3 B-2 B-3 B-2 B-2 B-3 B-2 B-3 B-2 B-3 B-3 <td>RF SL SL RF </td><td>C-2 C-1 C-2 C-2 C-2 -</td><td>P-LS (E P-LS </td><td>E) 7'-6" LOW (E) 10'-6" (E) VARIES (E) VARIES -</td><td></td><td></td><td></td><td></td><td></td><td>/-1P-LS</td><td></td><td> P-LS P-LS </td><td> W-1 W-1 W-1 W-1 </td><td> P-LS <td></td><td>BASE B BASE B</td><td>P-10 DUNN EDWARDS COLOR TO MATCH (E) P-11 DUNN EDWARDS COLOR TO MATCH (E) IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td><td>P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT</td><td> 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/ </td></td></td>	FLOOF RF 0 VAT 0 VAT 1 RF 1 RF 1 RF 1 RF 1 RF 0 VAT	RING SCOPE B-2 B-5 B-2 B-5 B-2 B-2 B-2 B-2 B-3 B-2 B-3 B-2 B-2 B-3 B-2 B-3 B-2 B-3 B-3 <td>RF SL SL RF </td> <td>C-2 C-1 C-2 C-2 C-2 -</td> <td>P-LS (E P-LS </td> <td>E) 7'-6" LOW (E) 10'-6" (E) VARIES (E) VARIES -</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>/-1P-LS</td> <td></td> <td> P-LS P-LS </td> <td> W-1 W-1 W-1 W-1 </td> <td> P-LS <td></td><td>BASE B BASE B</td><td>P-10 DUNN EDWARDS COLOR TO MATCH (E) P-11 DUNN EDWARDS COLOR TO MATCH (E) IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td><td>P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT</td><td> 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/ </td></td>	RF SL SL RF	C-2 C-1 C-2 C-2 C-2 -	P-LS (E P-LS	E) 7'-6" LOW (E) 10'-6" (E) VARIES (E) VARIES -						/-1P-LS		P-LS P-LS	W-1 W-1 W-1 W-1	P-LS <td></td> <td>BASE B BASE B</td> <td>P-10 DUNN EDWARDS COLOR TO MATCH (E) P-11 DUNN EDWARDS COLOR TO MATCH (E) IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td> <td>P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT</td> <td> 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/ </td>		BASE B BASE B	P-10 DUNN EDWARDS COLOR TO MATCH (E) P-11 DUNN EDWARDS COLOR TO MATCH (E) IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	P-LSINTERIOR CEILING - FIELD, TYP., U.O.N.P-ESINTERIOR SOFFIT - ACCENT	 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 IN PROJECT SHALL MATCH (E) COLORS, TYP. CONFIRM COLORS W/







INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

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

CITY OF OAKLAND DEPARTMENT OF ENGINEERING & CONSTRUCTION

OAKLAND MAIN LIBRARY

- ATIN, U.O.I KS SHALL S SHALL M
- ADHESIVES S

SEN A. R

KATHLEEN ROUSEAU	No.	DATE	BY
	1	02.17.23	RPF
RCE NO. <u>C19081</u> EXP. <u>06.23</u>			
CHECKED BY AWC / KAR			
	-		
DESIGNED BY AWC / KAR			
DRAWN BY AWC			

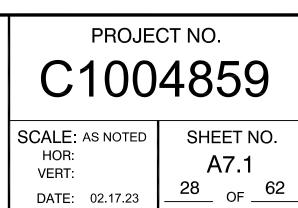
FINISH SCHEDULE

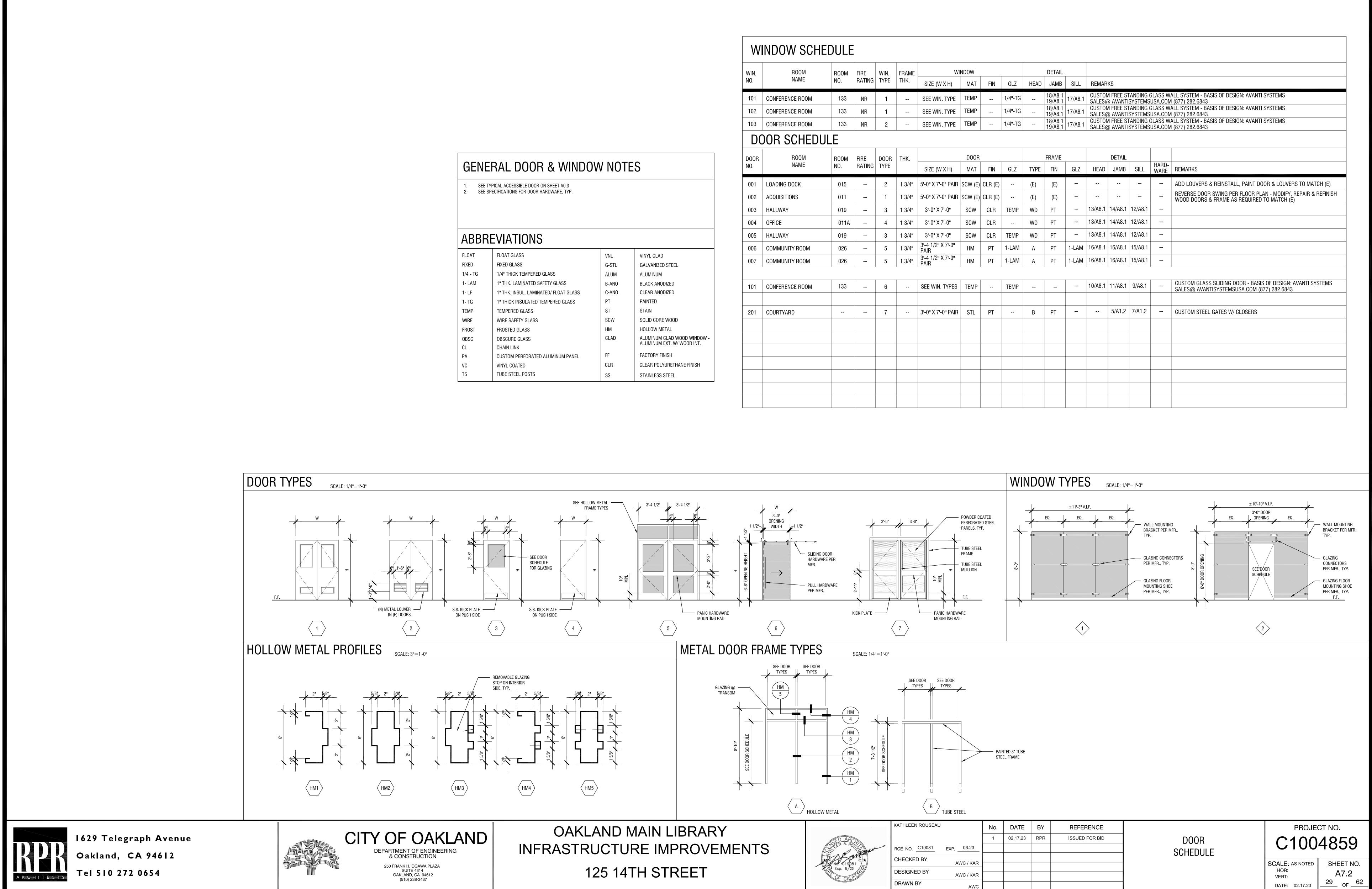
REFERENCE

ISSUED FOR BID

SCRIPTION	REMARKS
TO MATCH (E)	
COVE BASE	
TO MATCH (E) FLOORING	

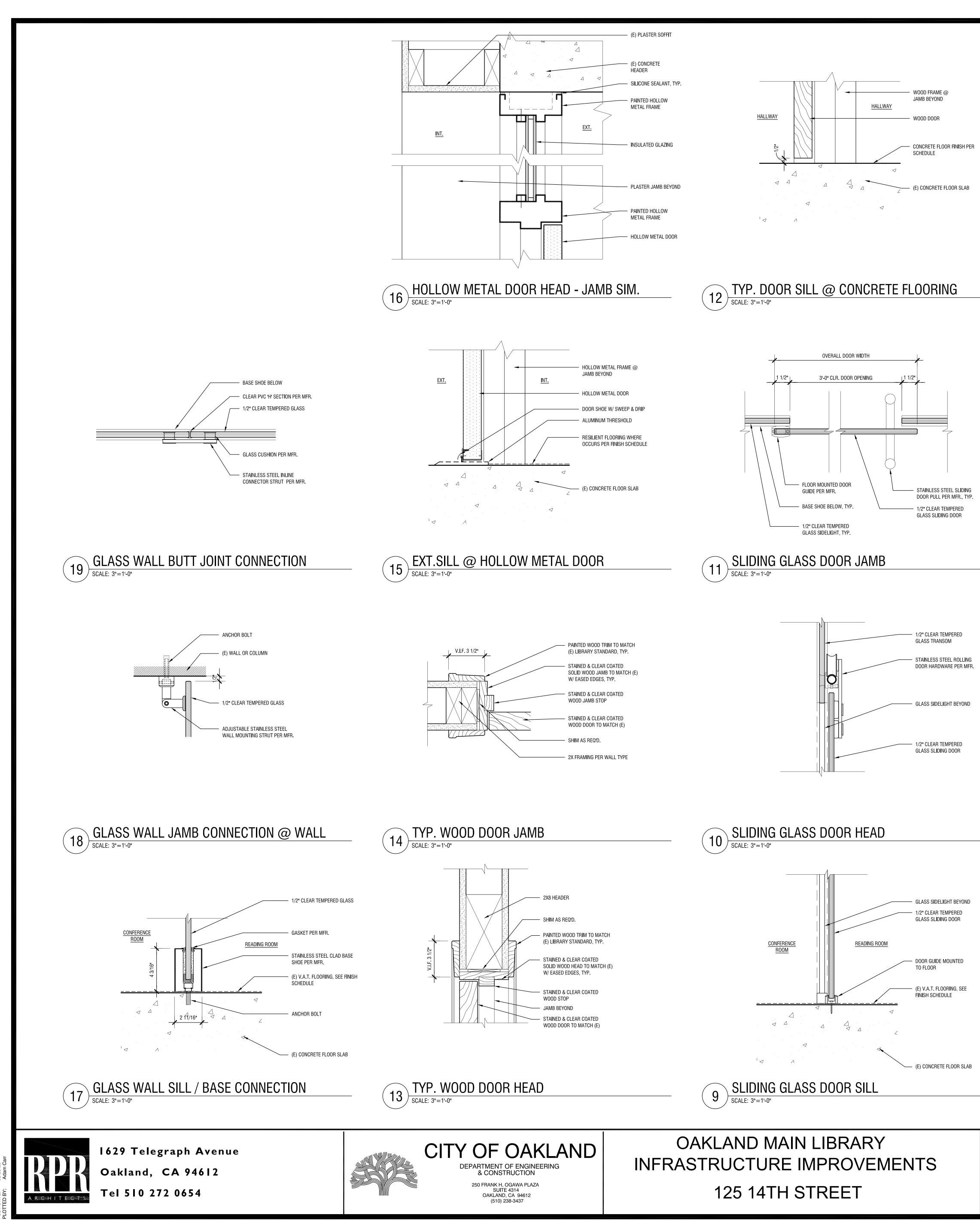
).N. L MEET 2019 CAL GREEN V.O.C. REQUIREMENTS MEET 2019 CAL GREEN V.O.C. REQUIREMENTS ES SHALL MEET 2019 CAL GREEN V.O.C. &

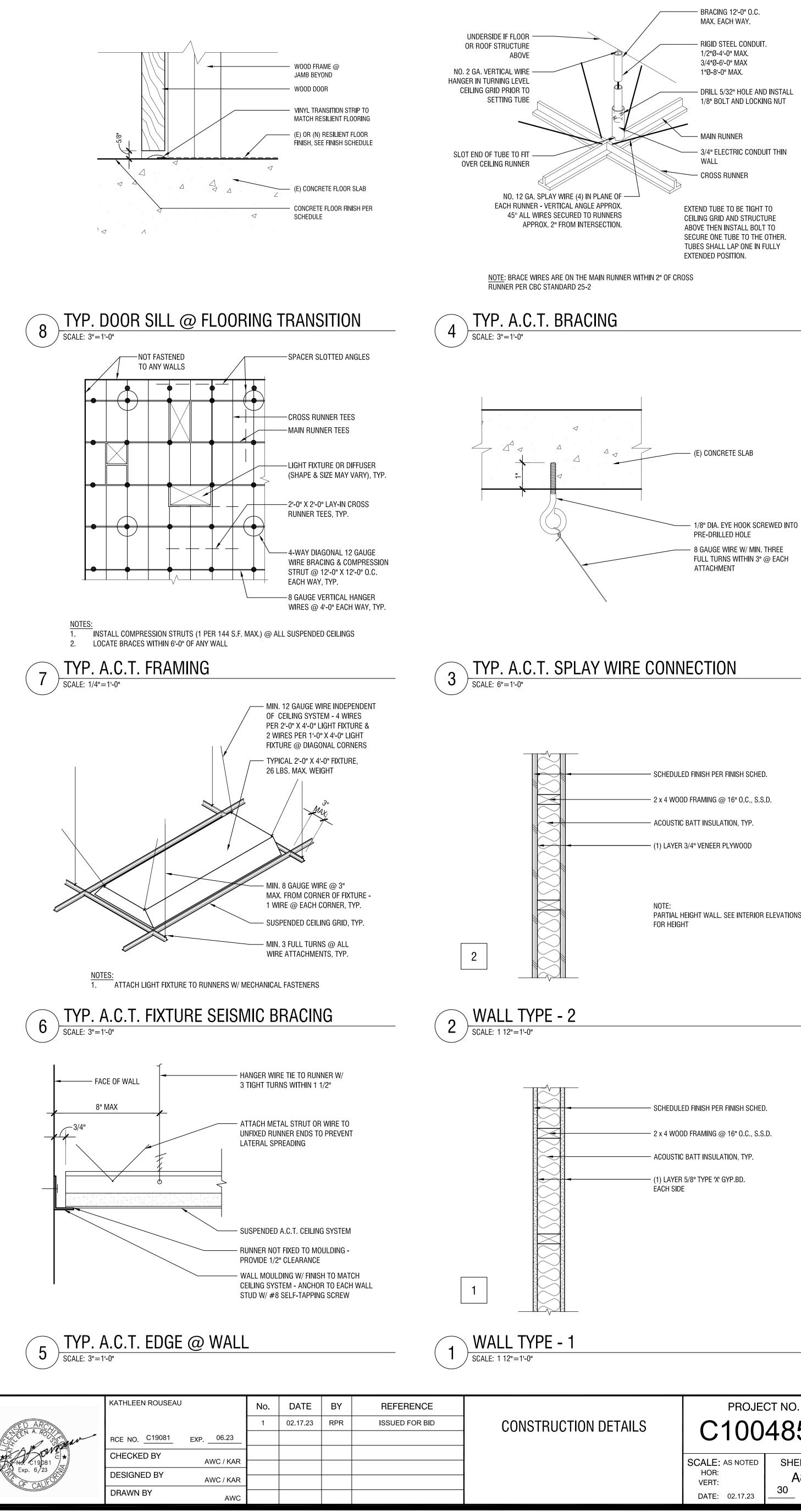




				WIN.	ROOM	ROOM	FIRE	WIN.	FRAME	wi	NDOW				DETAIL						
				NO.	NAME	NO.	RATING		THK.	SIZE (W X H)	MAT	FIN	GLZ	HEAD		SILL	REMA	RKS			
				101	CONFERENCE ROOM	133	NR	1		SEE WIN. TYPE	TEMP		1/4"-TG		18/A8.1 19/A8.1	17/A8.1	CUSTO SALES	M FREE S	TANDING (ISYSTEMS	JLASS W	VALL SYSTEM - BA M (877) 282.6843
				102	CONFERENCE ROOM	133	NR	1		SEE WIN. TYPE	TEMP		1/4"-TG		10/101	17/A8.1	CUSTO	M FREE S	TANDING (JLASS W	VALL SYSTEM - BA M (877) 282.6843
				103	CONFERENCE ROOM	133	NR	2		SEE WIN. TYPE			1/4"-TG		18/A8.1 19/A8.1 19/A8.1		<u></u>)M FREE S	TANDING G	GLASS W	VALL SYSTEM - BA
															19/48.1	,	SALES	<u>@</u> AVANTI	<u>5151EM50</u>	<u>JSA.CUN</u>	M (877) 282.6843
				יט	OOR SCHEDL	JLE													,		
• - • •				DOOR	ROOM	ROOM	FIRE	DOOR	ТНК.		DOOR				FRAME	1		DETAIL			
GENI	ERAL DOOR & WINDC)W NOT	ES	NO.	NAME	NO.	RATING	TYPE		SIZE (W X H)	MAT	FIN	GLZ	TYPE	FIN	GLZ	HEAD	JAMB	SILL	HARD- WARE	REMARKS
1. SEE	TYPICAL ACCESSIBLE DOOR ON SHEET A0.3			001	LOADING DOCK	015		2	1 3/4"	5'-0" X 7'-0" PAIR	SCW (E)	CLR (E)		(E)	(E)						ADD LOUVERS
	SPECIFICATIONS FOR DOOR HARDWARE, TYP.			002	ACQUISITIONS	011		1	1 3/4"	5'-0" X 7'-0" PAIR	SCW (E)	CLR (E)		(E)	(E)						REVERSE DOOI WOOD DOORS
				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		
					OFFICE	011A		4	1 3/4"		SCW	CLR			PT			14/A8.1			
				004				4		3'-0" X 7'-0"				WD							
ABBF	REVIATIONS			005	HALLWAY	019		3	1 3/4"	3'-0" X 7'-0" 3'-4 1/2" X 7'-0"	SCW	CLR	TEMP	WD	PT			14/A8.1			
FLOAT	FLOAT GLASS	VNL	VINYL CLAD	006	COMMUNITY ROOM	026		5	1 3/4"	PAIR	HM	PT	1-LAM	Α	PT				15/A8.1		
FIXED	FIXED GLASS	G-STL	GALVANIZED STEEL	007	COMMUNITY ROOM	026		5	1 3/4"	3'-4 1/2" X 7'-0" PAIR	HM	PT	1-LAM	А	PT	1-LAM	16/A8.1	16/A8.1	15/A8.1		
1/4 - TG	1/4" THICK TEMPERED GLASS	ALUM	ALUMINUM																		
1- LAM	1" THK. LAMINATED SAFETY GLASS	B-ANO	BLACK ANODIZED	101	CONFERENCE ROOM	133		6		SEE WIN. TYPES	TEMP		TEMP				10/A8.1	11/A8.1	9/A8.1		CUSTOM GLAS
1- LF	1" THK. INSUL. LAMINATED/ FLOAT GLASS	C-ANO	CLEAR ANODIZED															+			SALES@ AVAN
1- TG	1" THICK INSULATED TEMPERED GLASS	PT	PAINTED																7/44 0		
TEMP WIRE	TEMPERED GLASS WIRE SAFETY GLASS	ST SCW	STAIN SOLID CORE WOOD	201	COURTYARD			7		3'-0" X 7'-0" PAIR	STL	PT		В	PT			5/A1.2	7/A1.2		CUSTOM STEE
FROST	FROSTED GLASS	HM	HOLLOW METAL																	ĺ	
OBSC	OBSCURE GLASS	CLAD	ALUMINUM CLAD WOOD WINDOW -																		
CL	CHAIN LINK		ALUMINUM EXT. W/ WOOD INT.															+	+ +		
PA	CUSTOM PERFORATED ALUMINUM PANEL	FF	FACTORY FINISH															+		·	
VC	VINYL COATED	CLR	CLEAR POLYURETHANE FINISH																	ļ	
TS	TUBE STEEL POSTS	SS	STAINLESS STEEL																	1	

W	INDOW SCHEE	DULE															
WIN.	ROOM	ROOM	FIRE	WIN.	FRAME	WI	NDOW				DETAIL						
NO.	NAME	NO.	RATING			SIZE (W X H)	MAT	FIN	GLZ	HEAD	JAMB	SILL	REMAR	KS			
101	CONFERENCE ROOM	133	NR	1		SEE WIN. TYPE	TEMP		1/4"-TG		18/A8.1 19/A8.1	17/A8.1					ALL SYSTEM - BASIS OF DESIG (877) 282.6843
102	CONFERENCE ROOM	133	NR	1		SEE WIN. TYPE	TEMP		1/4"-TG		18/A8.1 19/A8.1	17/A8.1	CUSTO	M FREE ST	Fanding (GLASS WA	ALL SYSTEM - BASIS OF DESIG (877) 282.6843
103	CONFERENCE ROOM	133	NR	2		SEE WIN. TYPE	TEMP		1/4"-TG		18/A8.1 19/A8.1	17/A8.1	CUSTO	M FREE ST	Fanding (GLASS WA	ALL SYSTEM - BASIS OF DESIG (877) 282.6843
DC	OR SCHEDUL	E		l	1		1							-			
DOOR	ROOM	ROOM	FIRE	DOOR	THK.		DOOR				FRAME			DETAIL			
NO.	NAME	NO.	RATING			SIZE (W X H)	MAT	FIN	GLZ	TYPE	FIN	GLZ	HEAD	JAMB	SILL	HARD- WARE	REMARKS
001	LOADING DOCK	015		2	1 3/4"	5'-0" X 7'-0" PAIR	SCW (E)	CLR (E)		(E)	(E)						ADD LOUVERS & REINSTALL
002	ACQUISITIONS	011		1	1 3/4"	5'-0" X 7'-0" PAIR	SCW (E)	CLR (E)		(E)	(E)						REVERSE DOOR SWING PER WOOD DOORS & FRAME AS
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	НМ	PT	1-LAM	А	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	НМ	РТ	1-LAM	А	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 DO SALES@ AVANTISYSTEMSU
201	COURTYARD			7		3'-0" X 7'-0" PAIR	STL	PT		В	PT			5/A1.2	7/A1.2		CUSTOM STEEL GATES W/ C





PARTIAL HEIGHT WALL. SEE INTERIOR ELEVATIONS

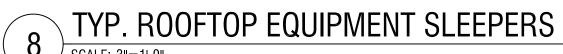
PROJECT NO. C1004859 SHEET NO. A8.1 30 OF _

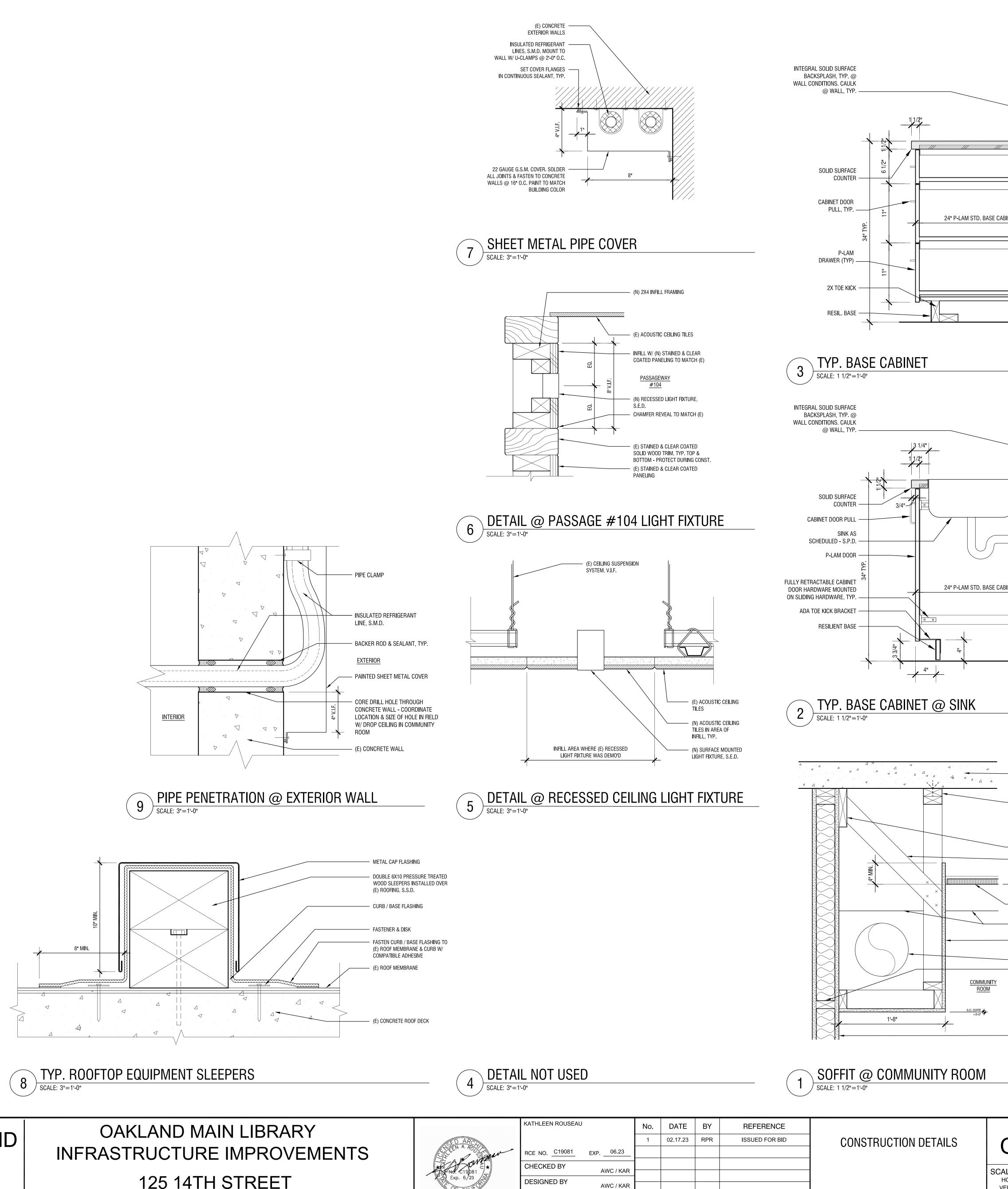




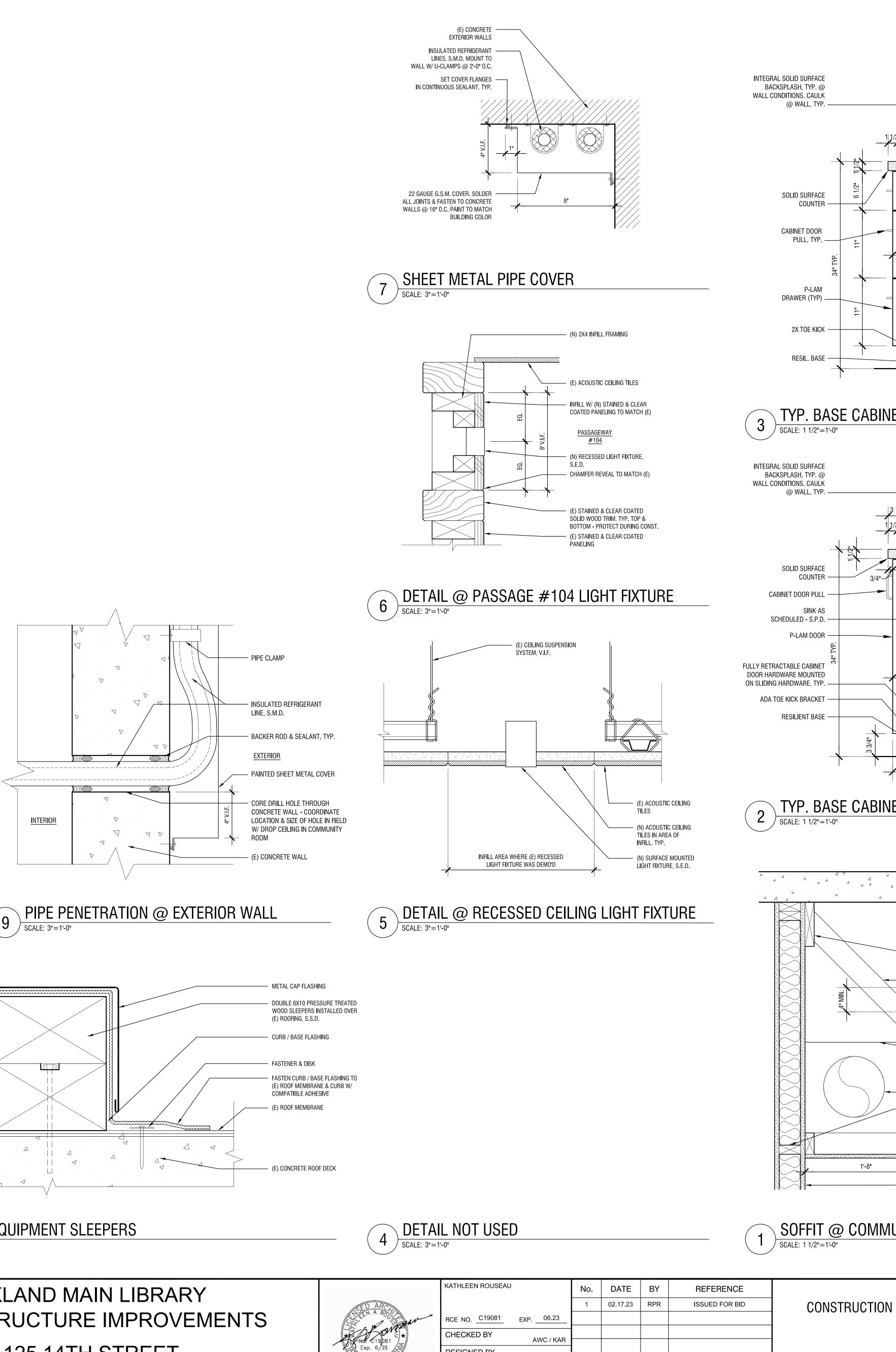
CITY OF OAKLAND DEPARTMENT OF ENGINEERING & CONSTRUCTION 250 FRANK H. OGAWA PLAZA SUITE 4314 OAKLAND, CA 94612 (510) 238-3437

OAKLAND MAIN LIBRARY 125 14TH STREET



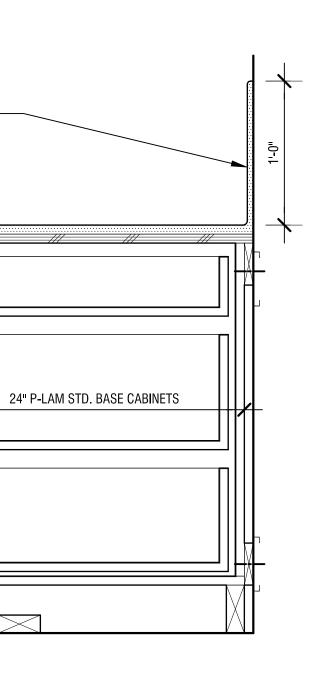


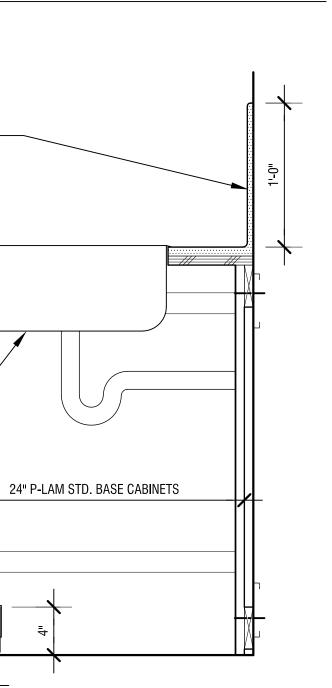




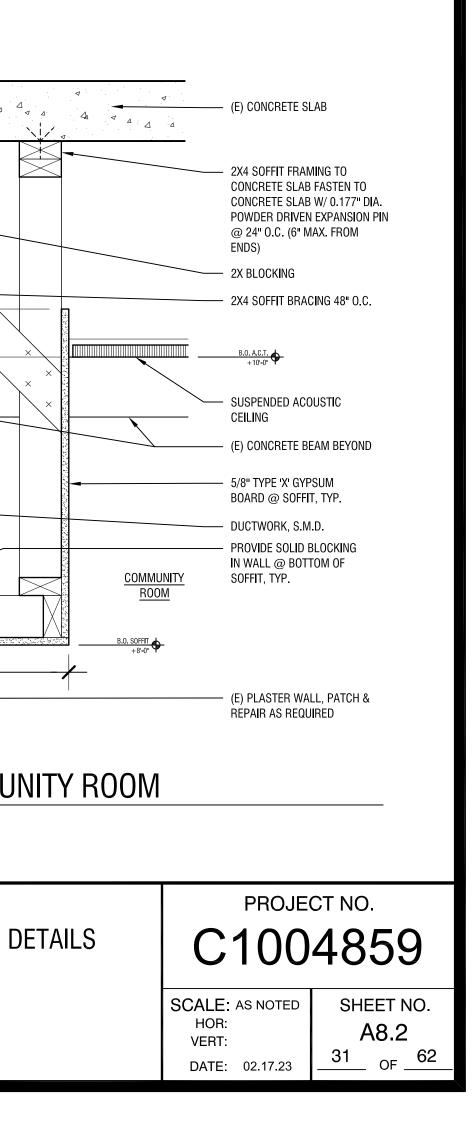
DRAWN BY

AWC







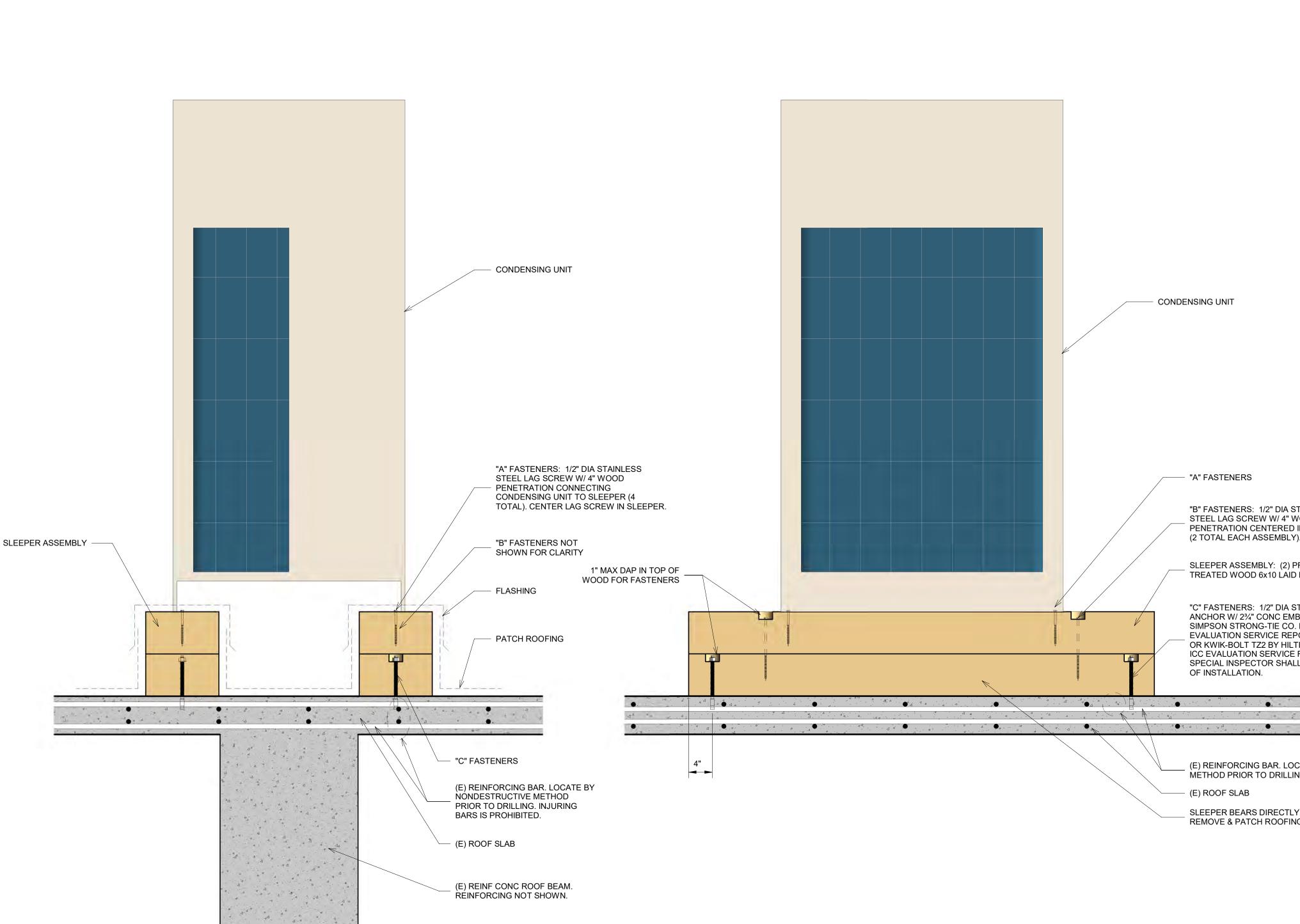




SPECTRUM STRUCTURAL ENGINEERING, INC. 516 16th Street Oakland, CA 94612 (415) 519-1820



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

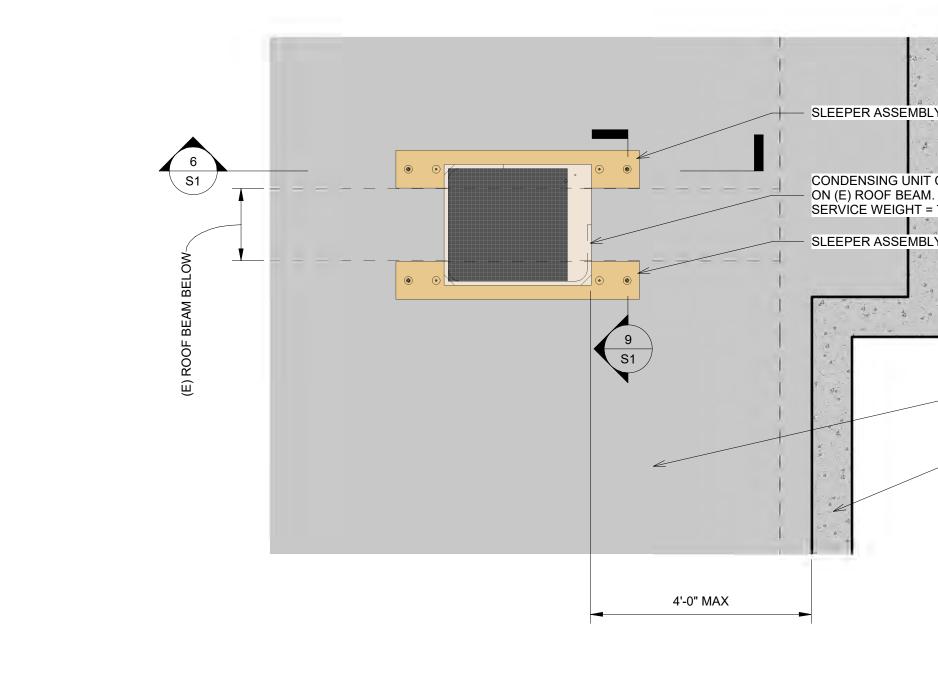


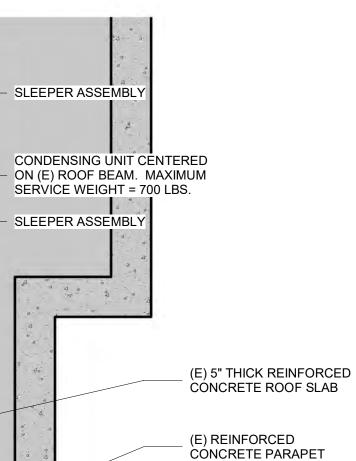


OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

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

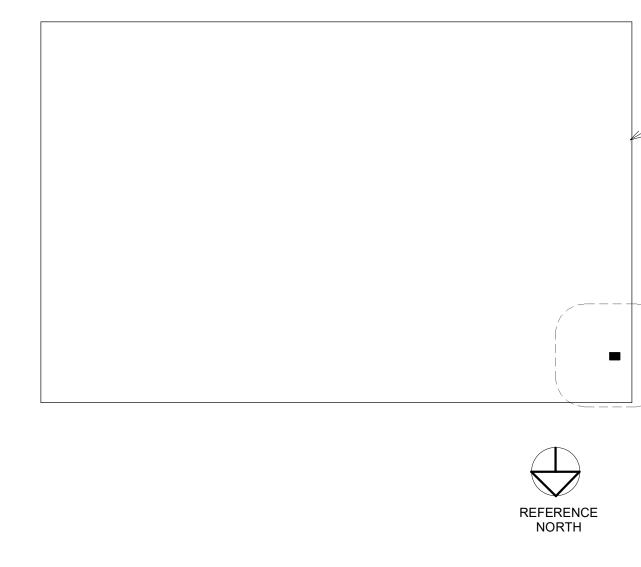
4 PARTIAL ROOF FRAMING PLAN AT CU1 1/2" = 1'-0"







NORTH



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

- "A" FASTENERS

"B" FASTENERS: 1/2" DIA STAINLESS STEEL LAG SCREW W/ 4" WOOD PENETRATION CENTERED IN SLEEPER (2 TOTAL EACH ASSEMBLY).

SLEEPER ASSEMBLY: (2) PRESERVATIVE TREATED WOOD 6x10 LAID FLAT

"C" FASTENERS: 1/2" DIA STAINLESS STEEL EXPANSION ANCHOR W/ 2³/4" CONC EMBEDMENT: STRONG-BOLT 2 BY SIMPSON STRONG-TIE CO. INSTALLED ACCORDING TO ICC EVALUATION SERVICE REPORT ESR-3037 LATEST EDITION, OR KWIK-BOLT TZ2 BY HILTI INC INSTALLED ACCORDING TO ICC EVALUATION SERVICE REPORT ESR-4266. PROJECT SPECIAL INSPECTOR SHALL PROVIDE VISUAL INSPECTION

· · · · · · · •

(E) REINFORCING BAR. LOCATE BY NONDESTRUCTIVE MÉTHOD PRIOR TO DRILLING. INJURING BARS IS PROHIBITED.

SLEEPER BEARS DIRECTLY ON CONCRETE. REMOVE & PATCH ROOFING AS REQUIRED.



JEFFREY TANER

RCE NO. _ S3863 CHECKED BY DESIGNED BY DRAWN BY

JET

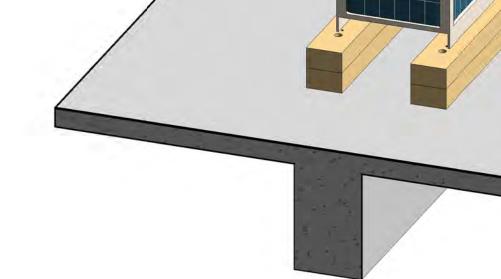
JET

JET

No. DATE BY 1 02.17.23 JET REFERENCE ISSUED FOR BID

CONDENSER PLANS & DETAILS

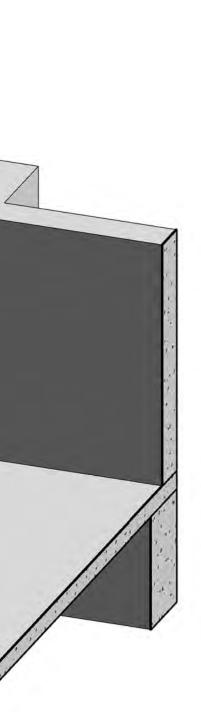
2 CU1 3D VIEW LOOKS SOUTHWEST

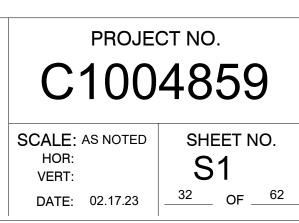


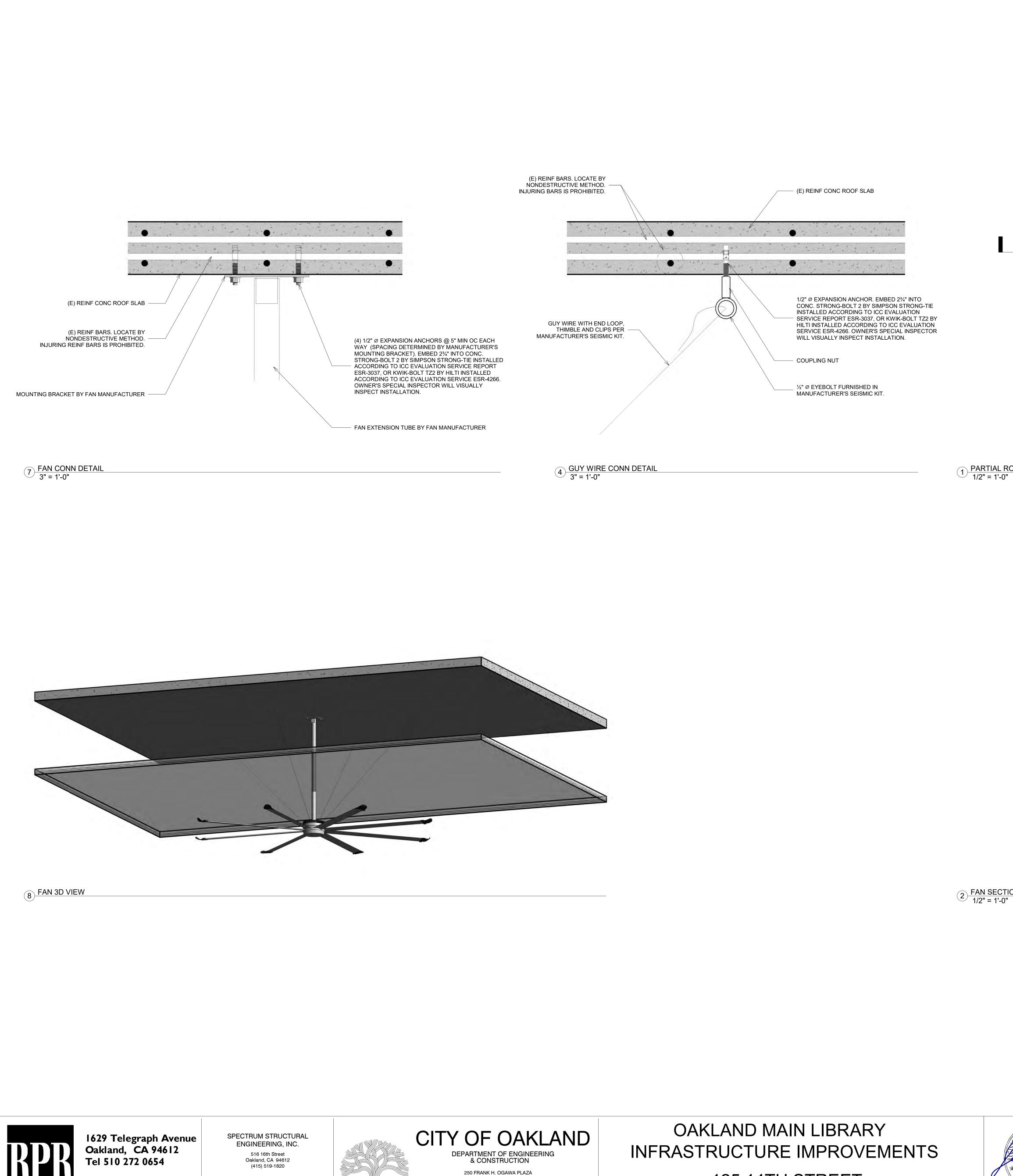


- BUILDING OUTLINE

CONDENSING UNIT LOCATION ON ROOF





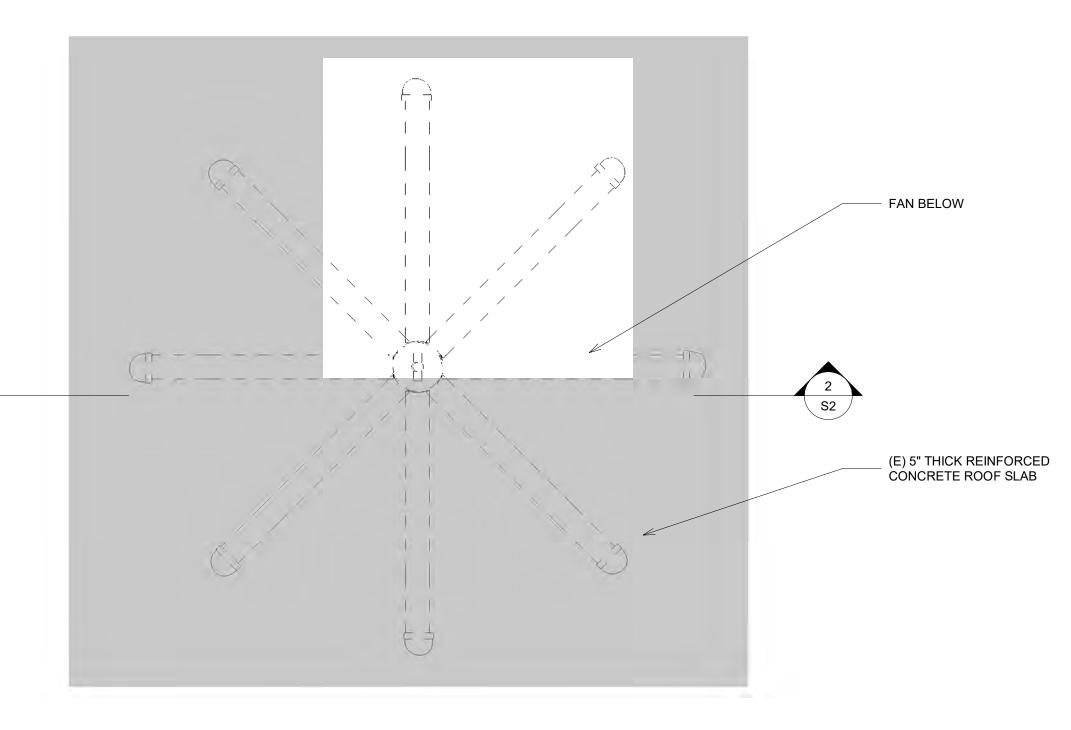


2 FAN SECTION 1/2" = 1'-0"

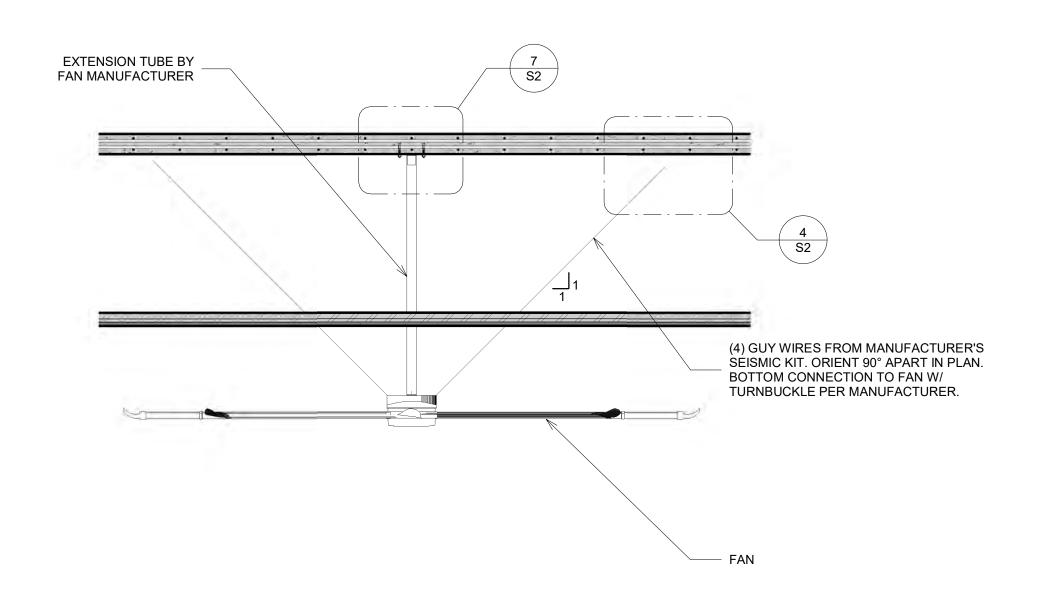
250 FRANK H. OGAWA PLAZA SUITE 4314 OAKLAND, CA 94612 (510) 238-3437

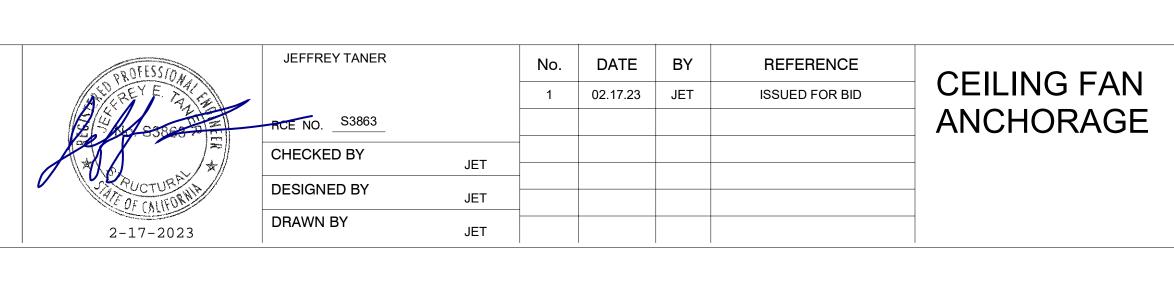
ARCH EC

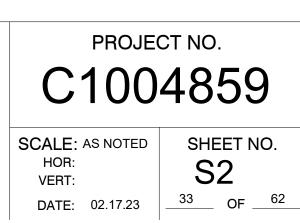
125 14TH STREET



1 PARTIAL ROOF FRAMING PLAN AT FAN

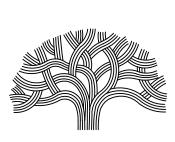




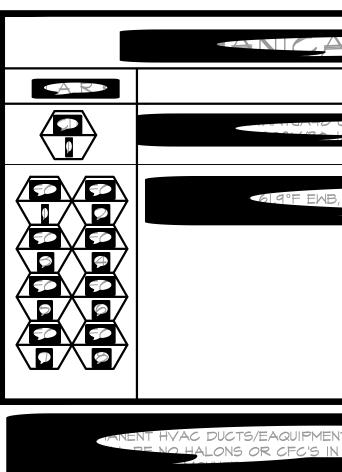




ELMENDORF & ASSOCIATES MECHANICAL ENGINEERS 517 PINE STREET SAUSALITO, CA 94965 415-332-8388







SUPPLY FAN SCH									
ARE			52	P			EMARK		
	VEENHEO V-095 V	4 <u>8</u> 0	Ŵ		20	Φ	K SECTION, 18X12X2 MERV 131		

CITY OF OAKLAND 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

AL EQUIPMENT SCHE
SCRPTP
0.3 FER WEIGHT. TOO LEG
IB, 73.4°F EDB, 984°F AMBIENT AND 500 CFM, 20.8 MBH HEAT
ENT STORED ONSITE BEFORE TH
IN THE HAVE SYSTEMS

	HANCA SYN
	SCRIP
Ģ	X STINA
\$0	
	RU ROOF W/ CAP & FLAS
24	
SA.	SIURN A
A	CHAUST A
9A 3DD	VISIDE A
	VEAR DIFEUS
	SUCALLY LINED PLENUM OF
	LIHERMOSTAT, UP 2
	OUNTED SMOKE DETECTO
ĕ	TE PULL STATION FOR ANS
TR	COUCH ROOF WITH CAP AN
3 <u>7</u> 0	OKE EXHAUST GR
26	DKE EXHAD
16	TRANSFER GR
916	ING TRANSFER GR
9 1 > 9E0	ING EXHAUST GRO
	ING RETURN GRO
24,GD3,ET	NG DIFFUSER; 4 WAY, 3 WA
	UME DAMPER A
	BLE DUCT CONNECTION
	JON THRU SUPPLY AIR D
	TON THRU RETURN AIR
	ON LERU EXHAUST OR OUTS
\blacksquare	A HAICHING OF DUCT SECT



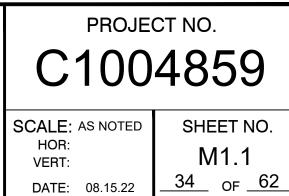
JEFF ELMENDORF	No.	DATE	BY	REFERENCE	
	1	02.17.23	JJE	ISSUE FOR BID	
RCE NO. <u>M 27243</u> EXP. <u>06/23</u>	3				MECHAN
CHECKED BY	IJE				SCHEDU
DESIGNED BY	IJE				
DRAWN BY M	1AH				-

STRUCTION PLANS:

NICAL ULES &

	_
	_
R DUCT SE	
R (SHE	
F	
•	
ROOF OR NEXT	



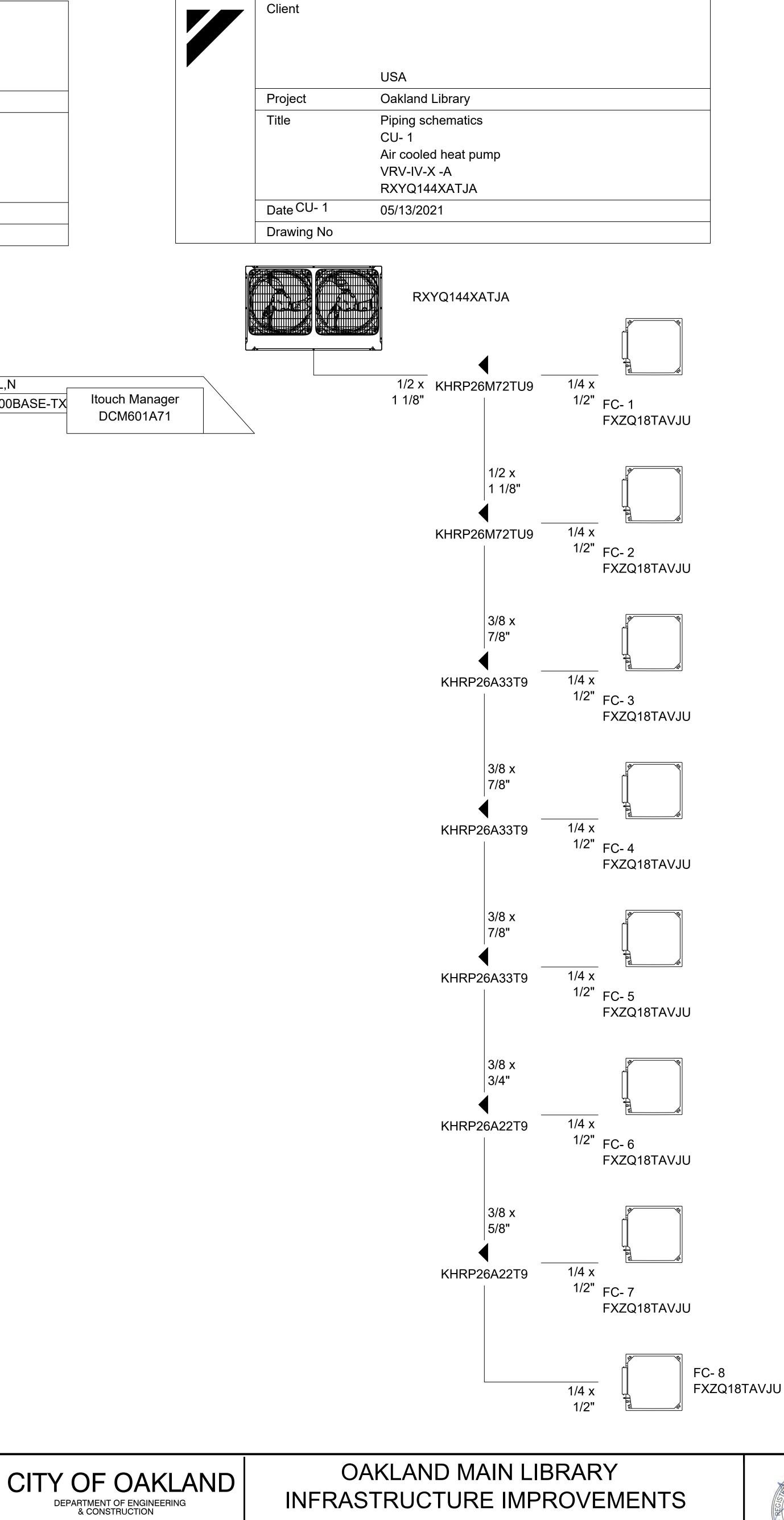


DATE: 08.15.22

	Client		
	Client		
		USA	
	Project	Oakland Library	
	Title	Controller wiring schematics	
		Control Group	
	Date	05/14/2021	
	Drawing No		
(CU- 1 (8)		
RXY		UT F1,F2	
	0	0111,12	L,N
			Ethernet 100BASE-TX

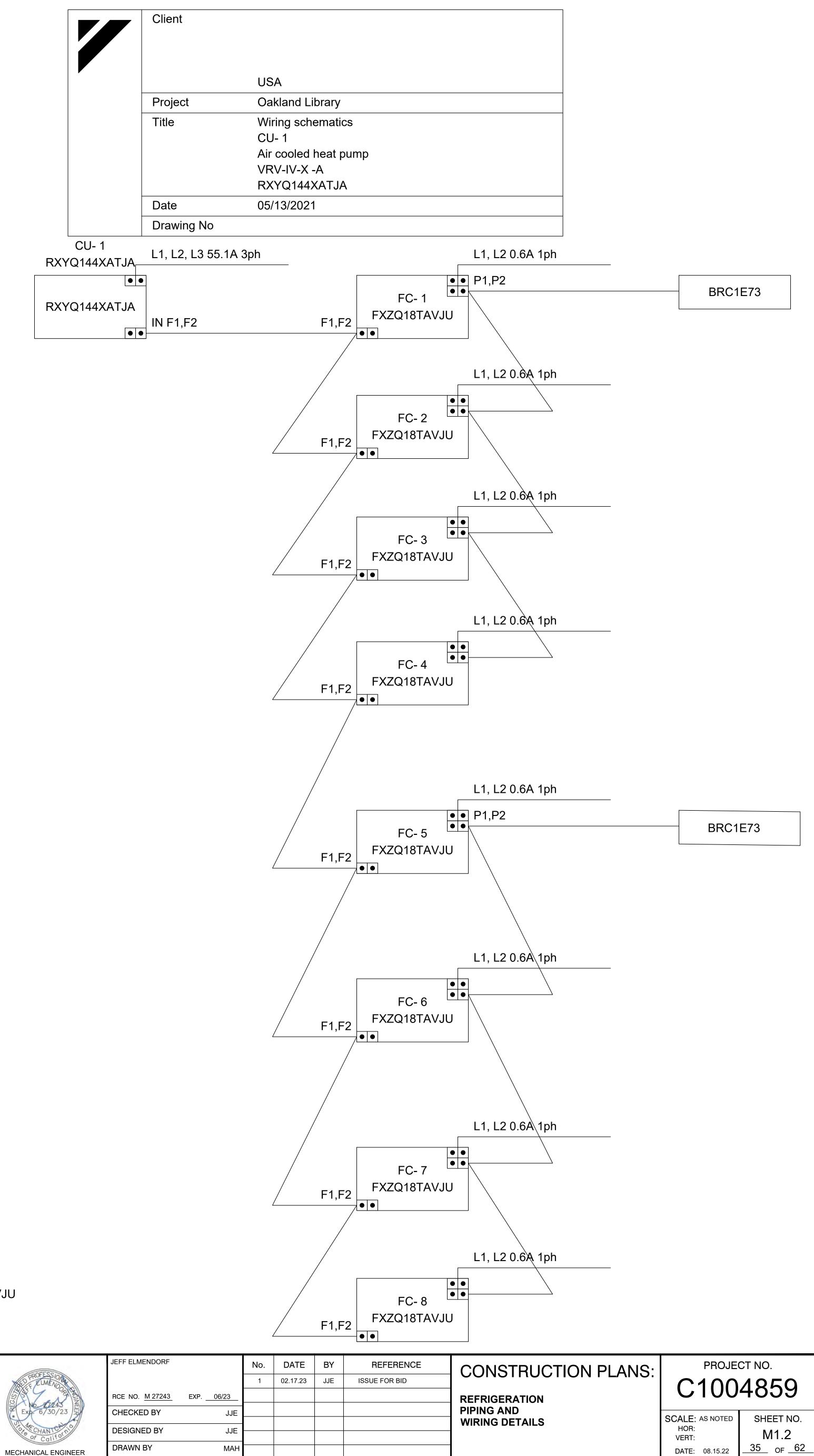




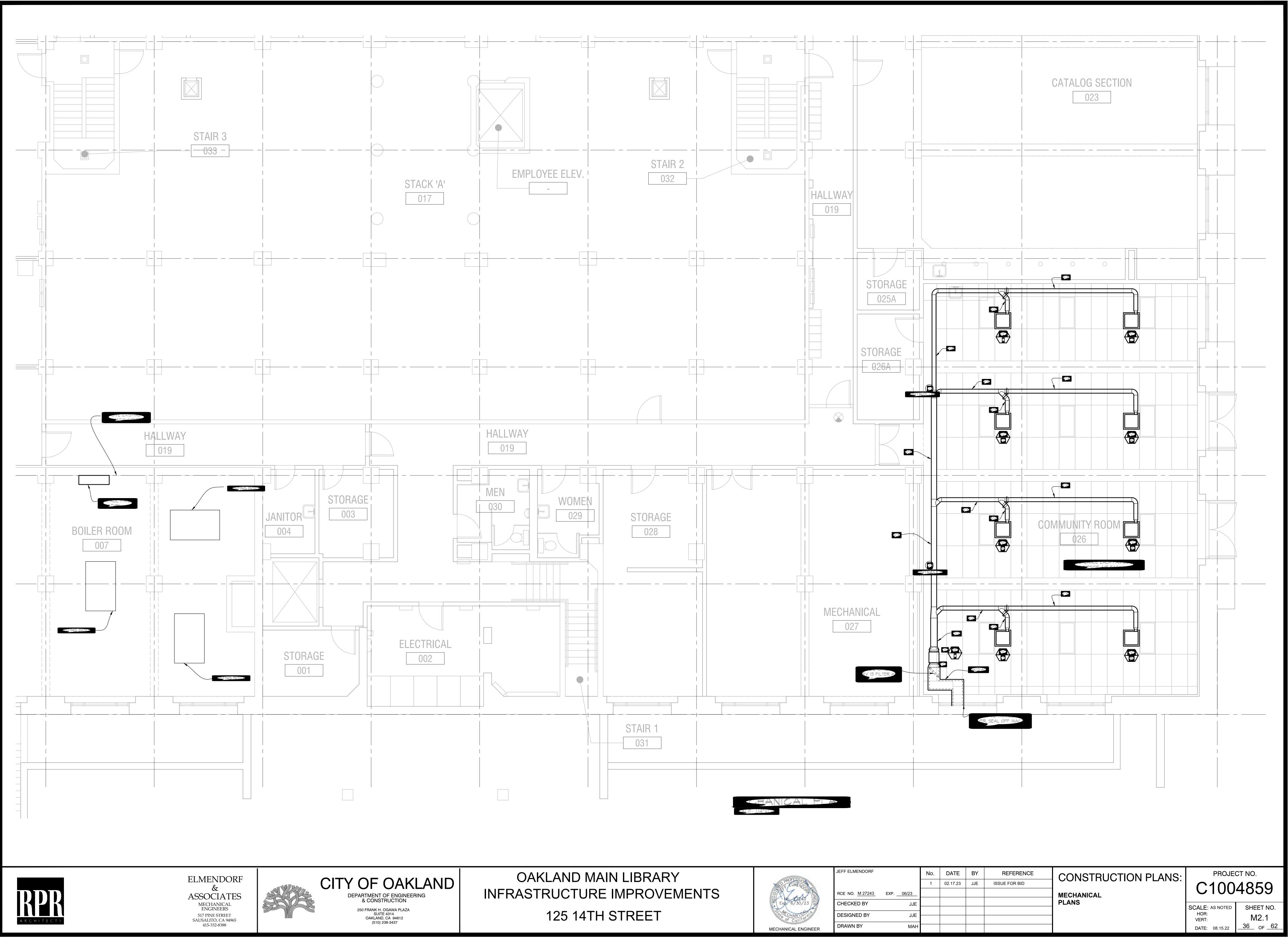


250 FRANK H. OGAWA PLAZA SUITE 4314 OAKLAND, CA 94612 (510) 238-3437

125 14TH STREET



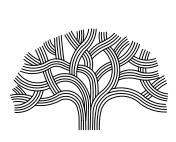




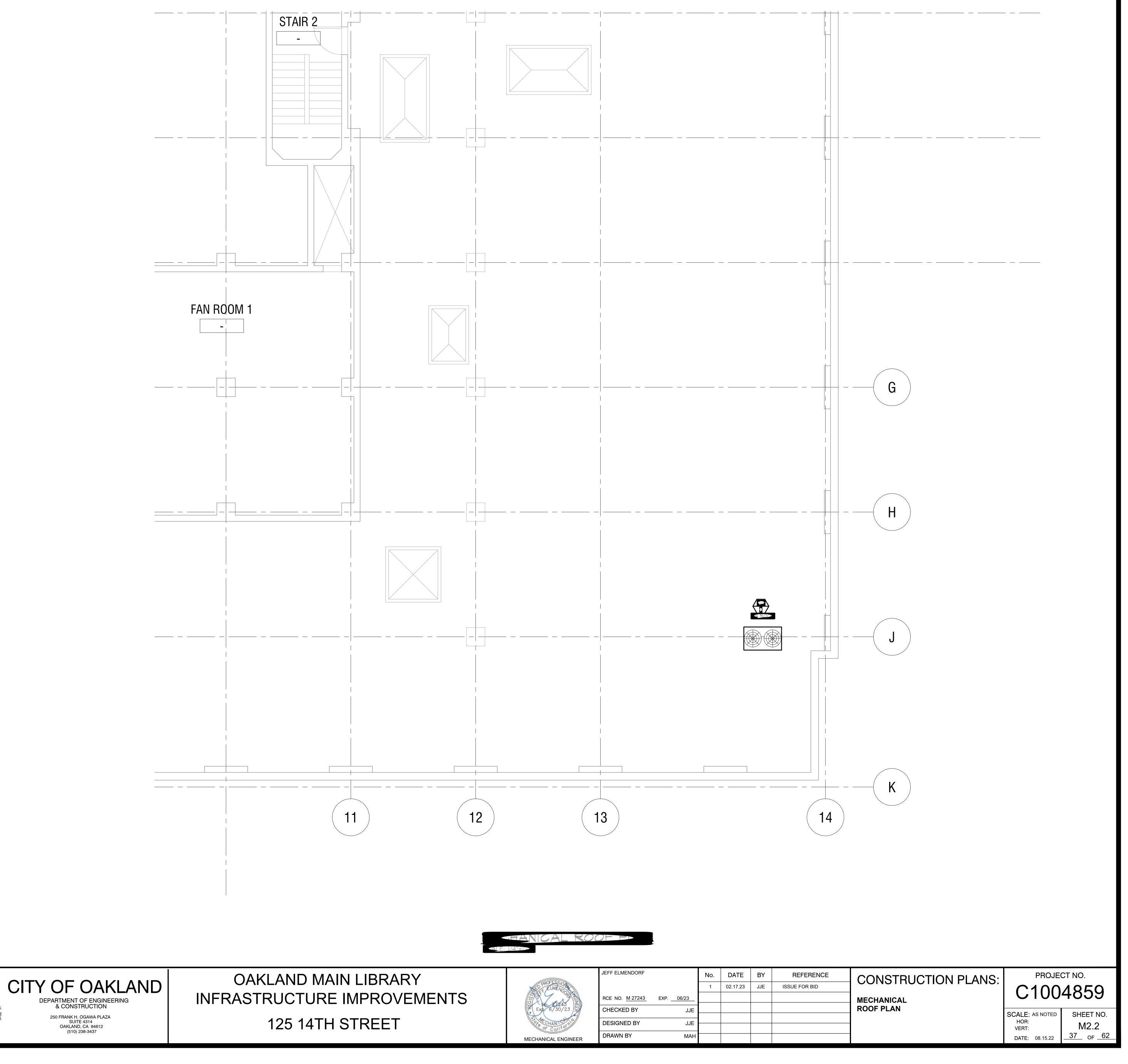
AND PROFESSION AND PROFESSION AND PROFESSION CONTRACTOR AND PROFESSION AND PROFESSION AN
MECHANICAL ENGINEER

JEFF ELMENDORF		No.	DATE	BY	REFERENCE	CONSTR
		1	02.17.23	JJE	ISSUE FOR BID	CONOT
RCE NO. <u>M 27243</u>	EXP. <u>06/23</u>					MECHANICA
CHECKED BY	JJE					PLANS
DESIGNED BY	JJE					
DRAWN BY	MAH					

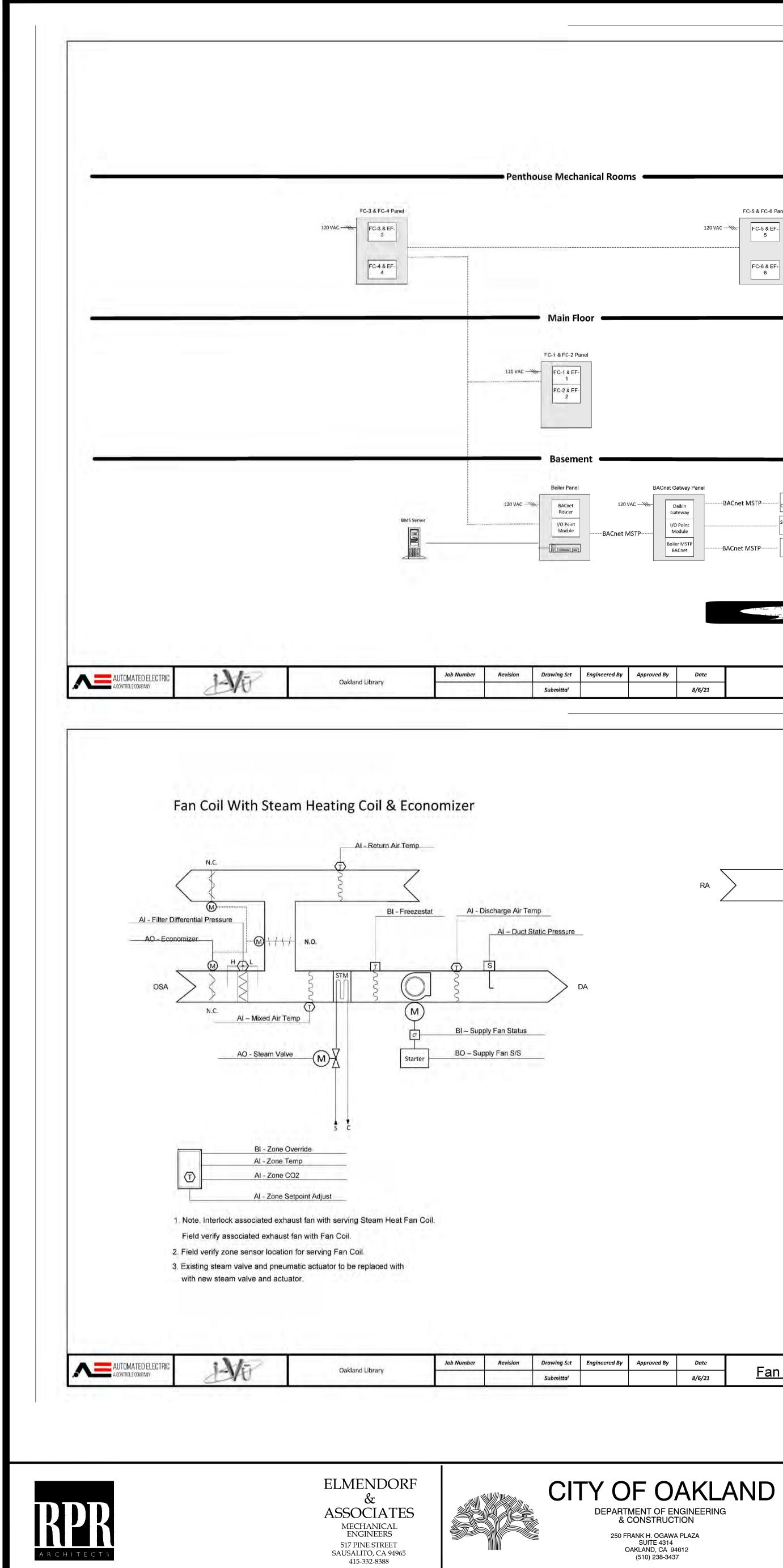








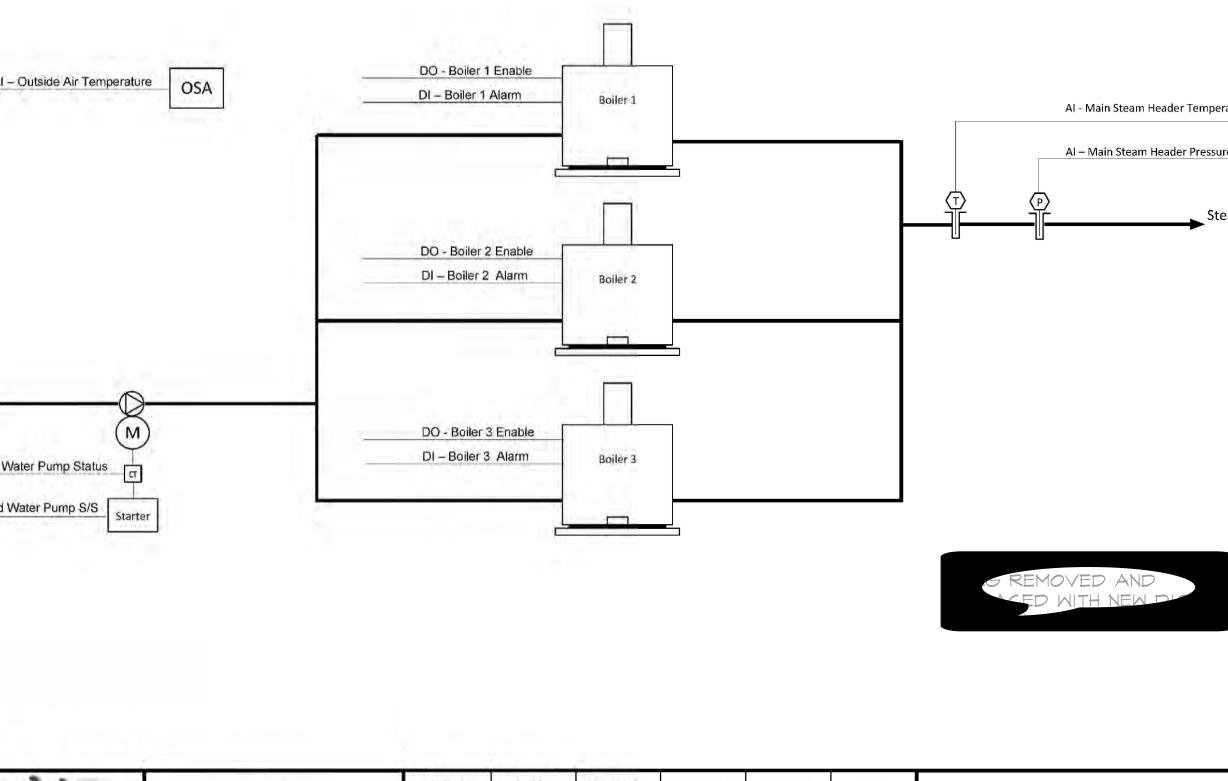
DEPARTMENT OF ENGINEERING & CONSTRUCTION 250 FRANK H. OGAWA PLAZA SUITE 4314 OAKLAND, CA 94612 (510) 238-3437



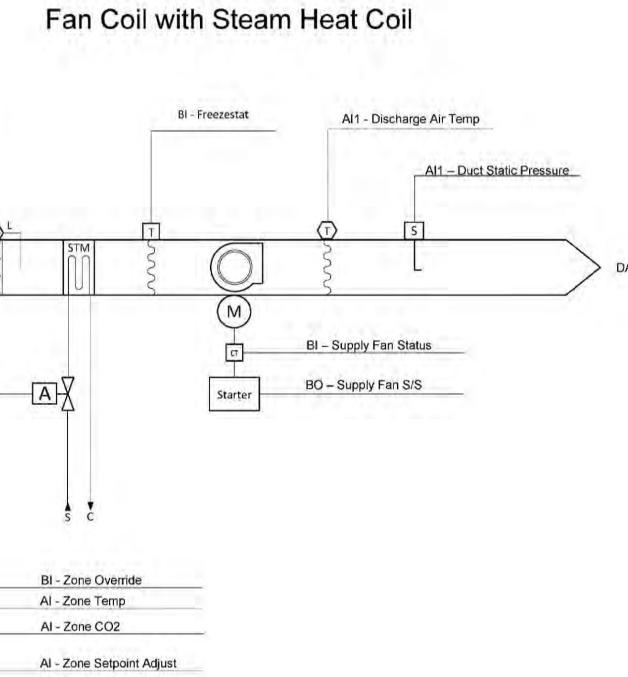
FC-5 & FC-6 Panel	
ACnet MSTP Boiler-1 BACnet Boiler-2 BACnet BACnet BACnet BACnet BACnet BACnet BACnet BACnet	tification BI – Feed Wat BO – Feed Wat
<u>Network Riser Diagram</u>	2 of 7
Exhaust Fan	EA
Fan Coil with Heating & Econimzer FC-1	4 of 7
3.	ACreat MSTP Decision More the MSTP Decision Methods the MSTP Decision Methods the MSTP Decision Methods the MSTP Methods the MSTP

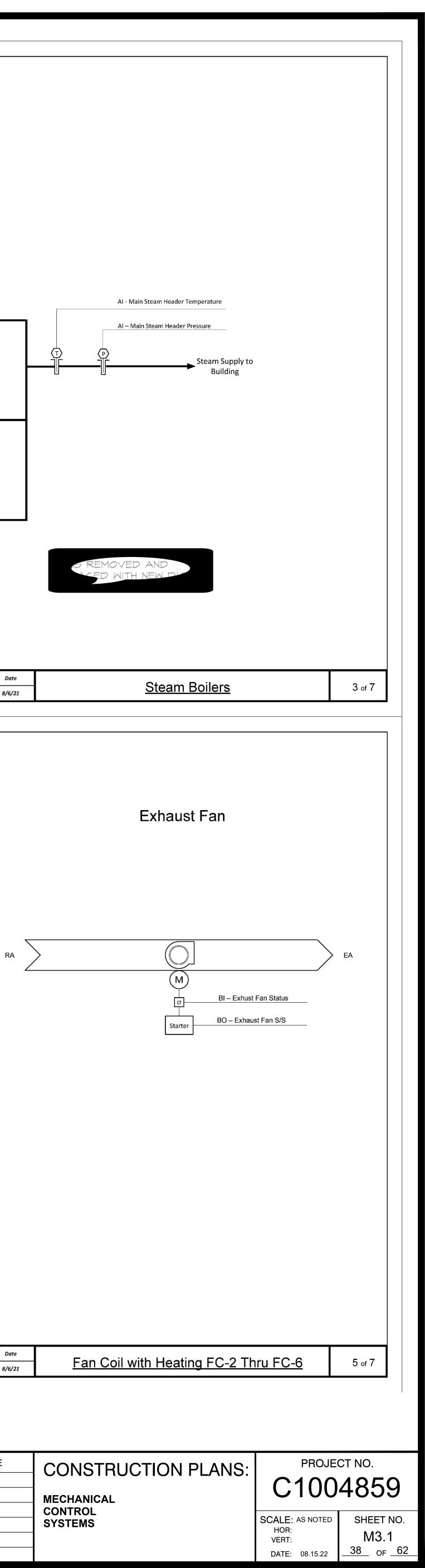
OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

Steam Boilers



ME	Oakland Library	Job Number	Revision	Drawing Set	Engineered By	Approved By	Date	Ota ana Dail
240	Oakiand Library			Submittal			8/6/21	<u>Steam Boil</u>





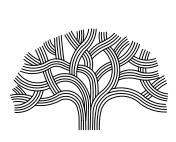
associated exhaust fan with serving Steam Heat Fan Coil.

ociated exhaust fan with Fan Coil. e sensor location for serving Fan Coil.

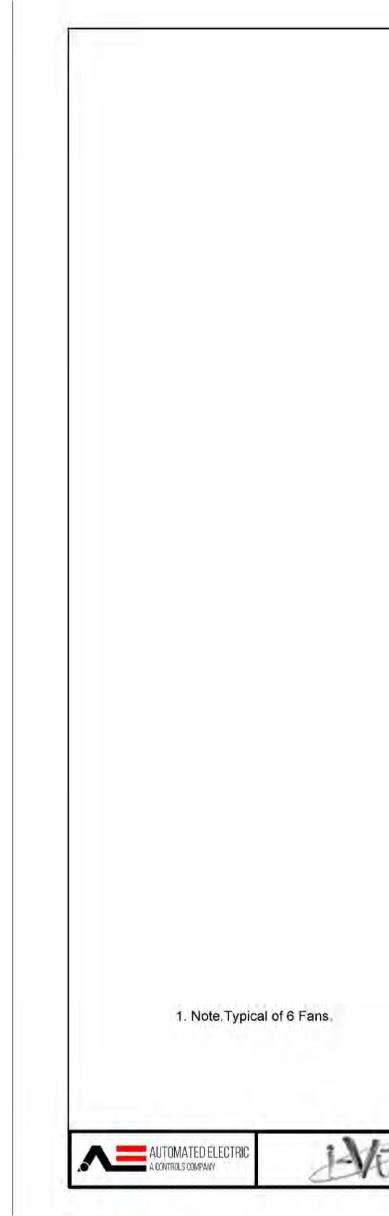
No.	a diversity of the	Job Number	Revision	Drawing Set	Engineered By	Approved By	Date	Ean Coil with Heating E
-10	Oakland Library			Submittal			8/6/21	Fan Coil with Heating F

2550	JEFF ELMENDORF		No.	DATE	BY	REFERENCE	CONSTRUCTION PLA
BUSEF ELMENDONES			1	02.17.23	JJE	ISSUE FOR BID	
12 × 12 × 13	RCE NO. <u>M 27243</u> EXP	06/23					MECHANICAL
Exp. 6/30/23	CHECKED BY	JJE					CONTROL
of California	DESIGNED BY	JJE					SYSTEMS
MECHANICAL ENGINEER	DRAWN BY	MAH					





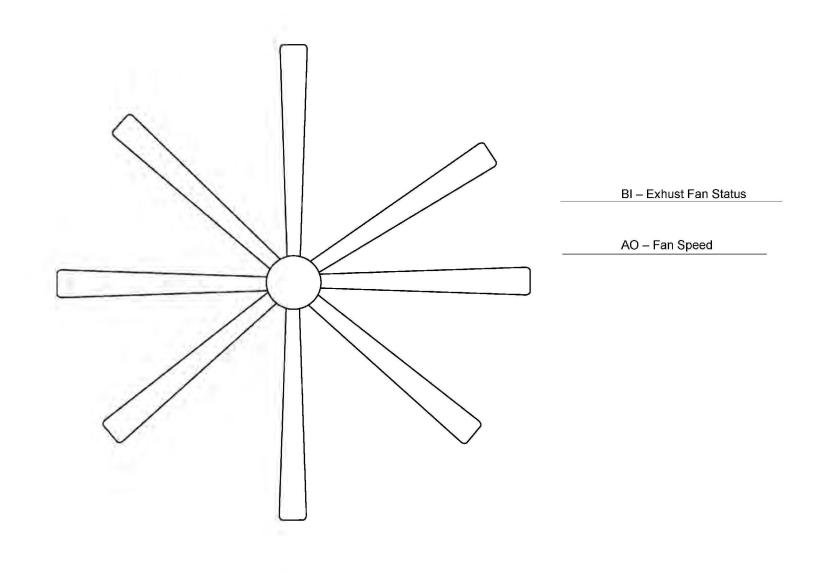






OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

Stratification Fans

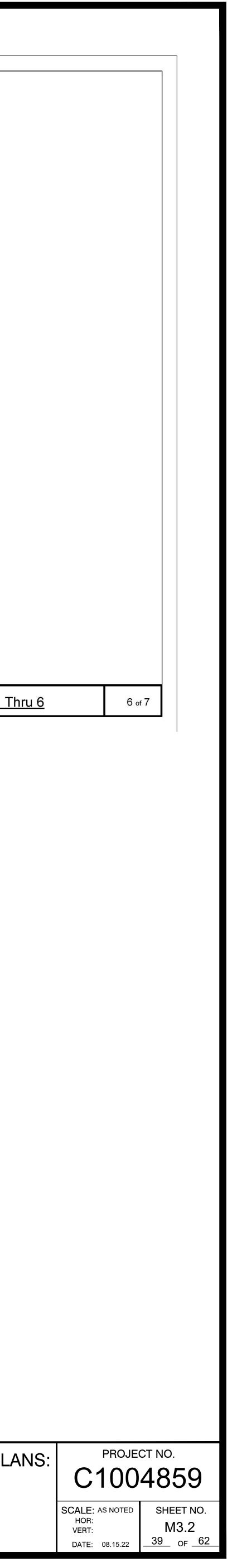


42	Oakland Library	Job Number	Revision	Drawing Set	Engineered By	Approved By	Date	Ofredification Fore 4 T
U	Oakiano Library			Submittal			8/6/21	Stratification Fans 1 1

DPROFESSION DPROFESSION DELMENDOR DELMEND
MECHANICAL ENGINEER

JEFF ELMEND	ORF		No.	DATE	BY	REFERENCE	CONST
			1	02.17.23	JJE	ISSUE FOR BID	
RCE NO. <u>M 2</u> 7	7243	EXP. 06/23					MECHANICA
CHECKED B	Y	JJE					CONTROL
DESIGNED E	βY	JJE					SYSTEMS
DRAWN BY		MAH					-

TRUCTION PLANS:



Fan Coil with Heating (Typical of 5)

Run Conditions - Scheduled: The unit will run according to a user definable time schedule in the follo 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 definable amount (adj.).

Freeze Protection: The unit will shut down and generate an alarm upon receiving a freeze

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

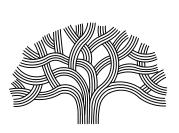
Supply Fan: The supply fan will run anytime the unit is commanded to run, unless To prevent short cycling, the supply fan will have a user definable (ad

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







llowing modes:	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.
ing setpoint by a user	Filter Differential Pressure Monitor: The controller will monitor the differential pressure across the filter.
zestat status.	Alarms will be provided as follows: Filter Change Required: Prefilter differential pressure exceeds a user definable limit (adj.).
ly air smoke detector	
	Supply Air Temperature: The controller will monitor the supply air temperature.
shutdown on safeties. dj.) minimum runtime.	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.).
er definable limit (adj.).	The associated exhaust fan will be enabled whenever: The Fan Coil is commanded to run.
	Alarms will be provided as follows:

Stratification Fans (Typical of 6)

Run Conditions - Scheduled: The stratification fans will run according to the building occupied time schedule:

Stratification Fan:

The stratification fans will run anytime the building is scheduled to run. To prevent short cycling, the supply fan will have a user definable (adj.) minimum runtime.

Alarms will be provided as follows:

Fan Failure: Commanded on, but the status is off.

Fan in Hand: Commanded off, but the status is on.

Point Name	На	Hardware Points					Softw				
	AI	AO	BI	во	AV	BV	Loop	Sched	Trend	Alarm	Show On Graphic
Fan Start/Stop				х					х		x
Fan Speed		x							х		x
Totals	0	1	0	1	0	0	0	1	2	0	2
				10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-							

Total Hardware (2)

Total Software (3)

CITY OF OAKLAND 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

• 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.).

	На	Hardware Points					Softw				
Point Name	AI	AO	BI	во	AV	BV	Loop	Sched	Trend	Alarm	Show On Graphic
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 Hardwar	e (11)				Total Software (34)						

	На	rdwar	e Po	ints			Softw	are Poir	nts		
Point Name	AI	AO	ві	во	AV	BV	Loop	Sched	Trend	Alarm	Show On Graphic
Filter Differential Pressure	х								х		
Return Air Temp	x								х		х
Supply Air Temp	х								х		х
Heating Steam Valve		x							х		х
Mixed Air Dampers		x		17					х		x
Freezestat			х						х	x	х
Supply Air Smoke Detector			х						х	х	х
Supply Fan Status			х						х		x
Zone Override			х						х		x
Supply Fan Start/Stop				х					х		x
Exhaust Fan Start/Stop				x					х		x
Exhaust Fan Status			х						х		x
Cooling Setpoint					х				x		x
Economizer Zone Temp Setpoint					х				х		x
Heating Setpoint					х				х		x
Zone Temp					х				х		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	a da
Low Supply Air Temp										x	

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.).

	На	rdwai	re Poi	ints			Softw				
Point Name	AI	AO	ві	во	AV	BV	Loop	Sched	Trend	Alarm	Show On Graphic
Indoor Fan Schedule								x			x
Zone Temperature					x				х		x
Zone Cooling Setpoint					х				х		x
Zone Heating Setpoint					x				х		x
Low Zone Temp					х				2 A. 11 A. 10 A. 12 A. 14 A. 10 A. 14 A. 14 A. 14 A. 14 A.	x	x
High Zone Temp					х					x	x
Totals	0	0	0	0	5	0	0	1	2	0	6
Total Hard				Total	l Softwa	re (11)	•				

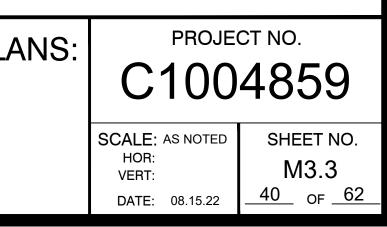
DETECTORS SHALL BE COMPARABLE W



JEFF ELMENDORF		No.	DATE	BY	REFERENCE	CONSTRUC
		1	02.17.23	JJE	ISSUE FOR BID	
RCE NO. <u>M 27243</u>	EXP. 06/23					MECHANICAL
CHECKED BY	JJE					CONTROL SYSTEM
						SEQUENCE OF
DESIGNED BY	JJE					OPERATIONS
DRAWN BY	MAH					

CTION PLANS:

MS



Fan Coil with Heating & Economizer

Run Conditions - Scheduled:

The unit will run according to a user definable time schedule in the following mode 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 s user definable amount (adj.).
- Low Zone Temp: If the zone temperature is less than the heating setport user definable amount (adj.).

Freeze Protection: The unit supply fan will shut down and generate an alarm upon receiving a freeze

Supply Air Smoke Detection:

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

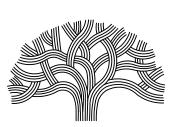
Alarms will be provided as follows:

- 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.).

	На	rdwar	re Poi	nts			Softw	vare Poi	nts		
Point Name	AI	AO	BI	во	AV	ΒV	Loop	Sched	Trend	Alarm	Show On Graphic
Supply Fan Start/Stop				х					x		х
Exhaust Fan Start/Stop				x					x		x
Exhaust Fan Status			х						x		х
Cooling Setpoint					х				x		х
Heating Setpoint					x				x		x
Zone Temp					х				x		х
Schedule								х			
High Mixed Air Temp										x	
High Return Air Temp										х	
High Supply Air Temp										х	
High Zone Temp										x	
Low Mixed Air Temp										x	
Low Return Air Temp										x	
Low Supply Air Temp										x	
Low Zone Temp										x	
Filter Change Required										х	х
Supply Fan Failure										x	
Supply Fan in Hand										x	
Supply Fan Runtime Exceeded										x	
Totals	5	2	4	1	4	0	0	1	15	14	16









(510) 238-3437

		The eco
odes:	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.	The out unit is o
	AND the supply fan status is on.	the occ
	AND the economizer is not active.	Minimu The out hours a
	The heating coil steam valve will open whenever the freezestat (if present) is on.	
setpoint by a	Filter Differential Pressure Monitor: The controller will monitor the differential pressure across the filter.	Filter Di The cor
tpoint by a	Alarms will be provided as follows:	Alarms
	Filter Change Required: Prefilter differential pressure exceeds a user definable limit (adj.).	•
zestat status.		Mixed A
ke detector	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 cor control.
	a competer the maintain a quetable pectation of 2010 (adj.) open whenever ecoupled.	Alarms
	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.

OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

control.

The steam boiler system will be enabled to run whenever the building is within 2 hours (adj.) of the building occupancy, the (outside air temperature is less than 70°F (adj.) and the average space temperature being monitored is less than 70°F (adj.).

To prevent short cycling, the boiler manager will run for and be off for minimum adjustable times (both user definable).

The steam boiler manager controller will determine the library heating load and will stage the boilers on a lead/lag basis to meet rising heating demand by monitoring the main steam header pressure and enabling the lead/lag boiler as required to maintain the steam header pressure setpoint:

The following setpoints are recommended values. All setpoints will be field adjusted during the commissioning period to meet the requirements of actual field conditions.

The lead steam boiler will run anytime the boiler manager is enabled. The lag boiler shall be enabled to run as follows when the lead boiler has been enabled for 30 minutes (adj.) and the main steam header pressure has dropped below xx psig for 30 minutes (adj.). To prevent short cycling, there will be a user definable (adj.) delay between boiler stages, and each stage will have a user definable (adj.) minimum runtime. The third boiler in sequence shall operate as a standby boiler upon a failure with either the lead or lag boiler.

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):

- daily weekly monthly

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.

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

s and be closed during unoccupied hours.

Differential Pressure Monitor:

controller will monitor the differential pressure across the prefilter.

ns will be provided as follows:

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

Air Temperature:

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

ns 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

Alarms will be provided as follows:

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

Steam Boiler Manager

Steam System - Boiler Manager - Run Conditions:

Each steam boiler will run subject to its own internal safeties and controls.

Boiler Staging - Two Equal Sized Steam Boilers Running in Parallel: This section refers to the staging and sequencing of each boiler "train". The sequence of operation for each individual boiler and its associated support equipment (such as pumps) are not included in this section.

manually through a software switch

- if boiler runtime (adj.) is exceeded

• 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.).

	Ha	rdwar	e Poi	nts	Softwa				
Point Name	AI	AO	BI	во	AV	BV	Loop	S	
Mixed Air Temp	х								
Prefilter Differential Pressure	х								
Return Air Temp	х								
Supply Air Temp	х								
Mixed Air Temp	х								
Heating Steam Valve		x							
Mixed Air Dampers		x							
Freezestat			х						
Supply Air Smoke Detector			х						
Supply Fan Status			х						
Zone Override			х						

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.

	На	rdwar	e Poi	ints							
Point Name	AI	AO	BI	во	AV	вv	Loop	Sched	Trend	Alarm	Show On Graphic
Main Steam Temperature	x								x		х
Main Steam Header Pressure	х								x		x
Outside Air Temp	х								x		х
Steam Boiler 1 Failure			х						x	х	x
Steam Boiler 2 Failure			x						x	х	х
Steam Boiler 3 Failure			х						x	х	х
Feedwater Pump System Enable				x					x		x
Feedwater Pump Status									x		х
Zone Space Temperature	х								x	х	х
Totals	4	0	3	1	0	0	0	0	9	4	7
Total Hardware	e (8)		•	•				Total	Softwa	re (13)	

NO. 27243 Exp. 6/30/23 * Of HECHANICATION
MECHANICAL ENGINEER

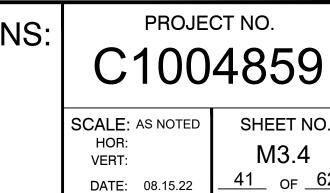
JEFF ELMENDORF	No.	DATE	BY	REFERENCE	CONSTRI
	1	02.17.23	JJE	ISSUE FOR BID	
RCE NO. <u>M 27243</u> EXP. <u>06/23</u>					MECHANICAL
CHECKED BY JJE					CONTROL SYS
					SEQUENCE OF
DESIGNED BY JJE					OPERATIONS
DRAWN BY MAH					

RUCTION PLANS:

YSTEMS

are Points Sched Trend Alarm Show On Graphic X х x Х _____x ' Х X х x х x Х x x х x х

Total Software (13)

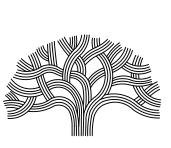


SHEET NO. M3.4 <u>41</u> of .

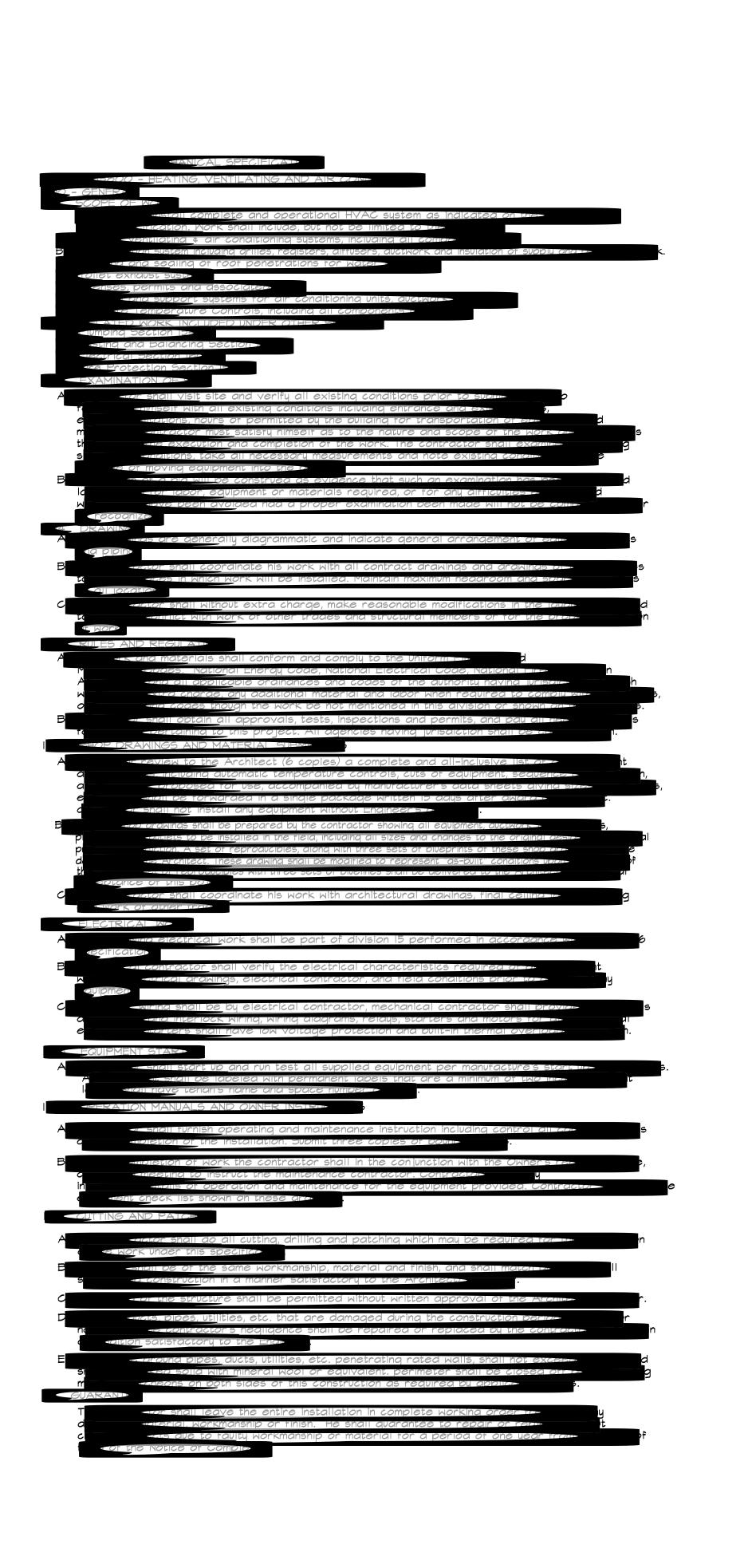


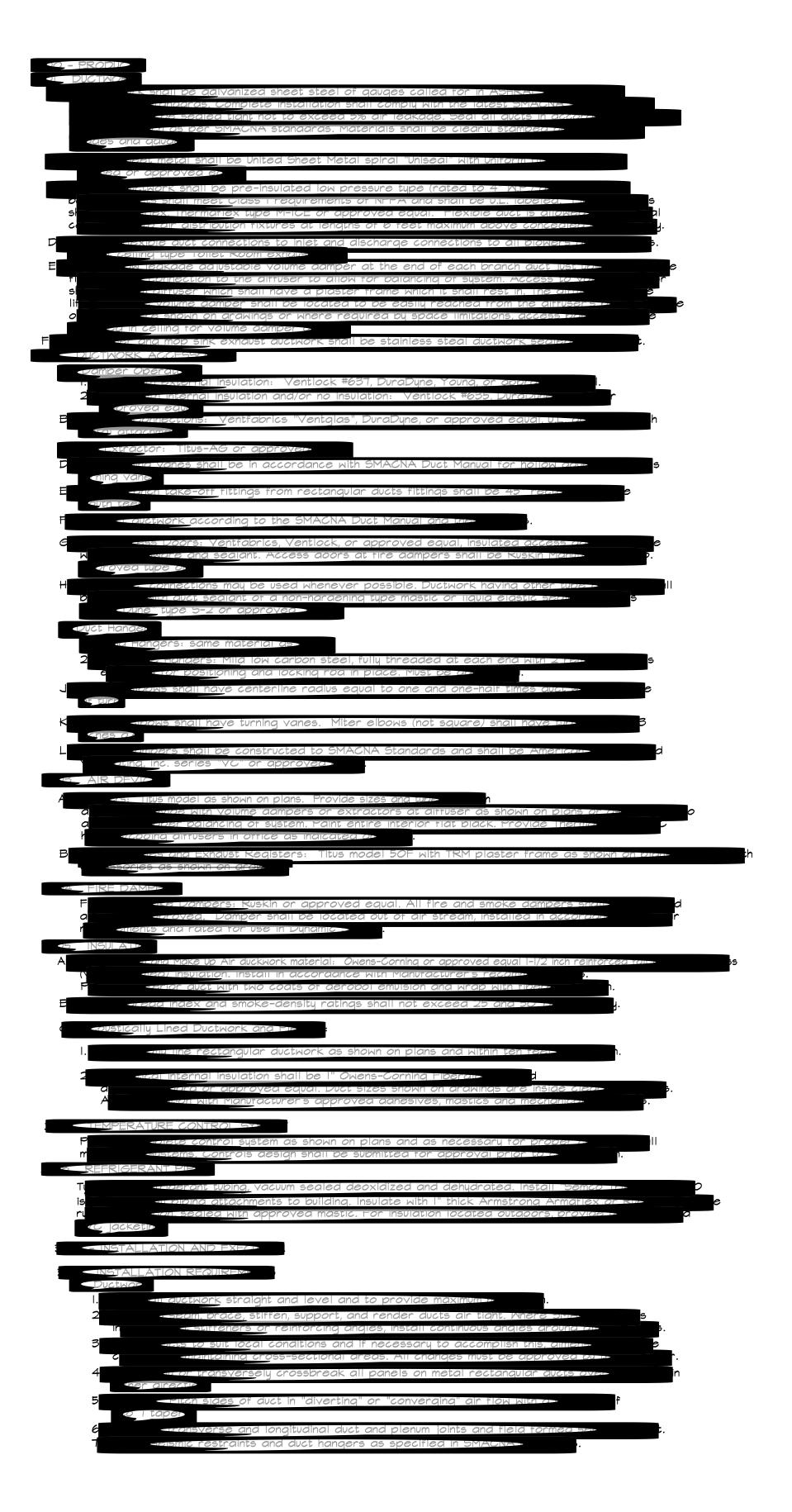






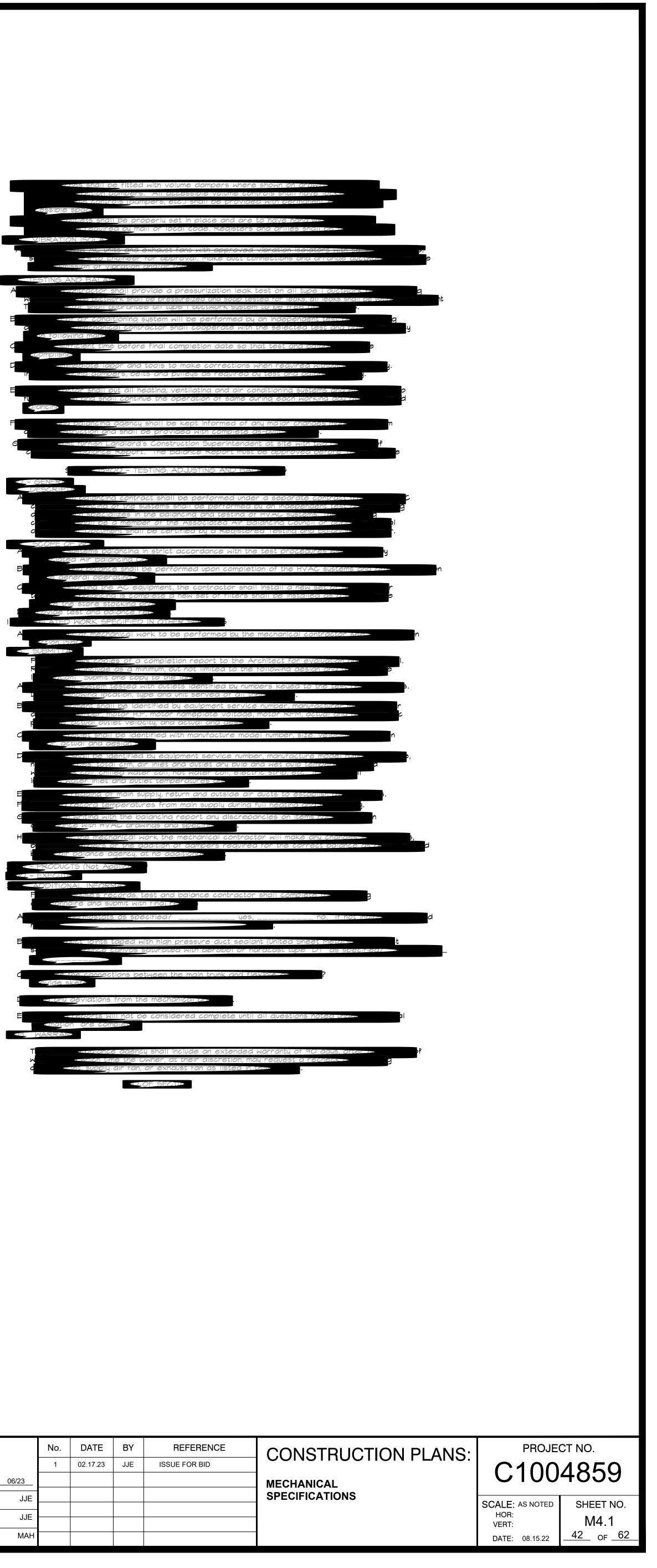






CITY OF OAKLAND DEPARTMENT OF ENGINEERING & CONSTRUCTION 250 FRANK H. OGAWA PLAZA SUITE 4314 OAKLAND, CA 94612 (510) 238-3437

OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET





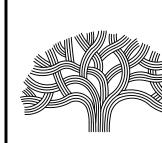
JEFF ELMENDORF		No.	DATE	BY	REFERENCE	CONST
		1	02.17.23	JJE	ISSUE FOR BID	
RCE NO. <u>M 27243</u> EXP. <u>06/2</u>	23					MECHANIC
CHECKED BY	JJE					SPECIFICA
DESIGNED BY	JJE					
DRAWN BY	MAH					

	cal Sy	ystems													
RCC-MCH-E (C														CALIFORNIA I	ENERGY COMMISSION
		MPLIANCE		an an an tai		and the second				Last rear		Sec. Sec.		an and a set	NRCC-MCH
							ns tha	t are within th	he sco	pe of the perm	it app	lication and a	re der	nonstrating co	mpliance using the
				<u>§141.0(b)2</u> fo											
				/ Infrastructure	e Impi	rovements				Repo					Page 1 of
roject Addr	ess: 1	25 14th Street								Date		2022-02-			
		RMATION													
01 Project	Locatio	on (city)				Oakland		0	4 Tot	al Conditioned	Floo	r Area			1,830
02 Climate	Zone					3		0	5 Tot	tal Unconditior	ned Fl	oor Area			
03 Occupa	ncy Ty	pes Within Pr	oject:					0	6 # 0	f Stories (Habi	table	Above Grade)			1
Office (B)			Reta	il (M)			1	Non	-refrigerated V	/areh	ouse (S)			
Hotel/ N	lotel G	uest Rooms (F	≀-1)	Schc	ool (E)] Heal	thcare Facility	(1)				
High-Ris	e Resid	ential (R-2/R-3	3)	🗌 Relo	catab	le Class Bldg (E)	1] Othe	er (Write In):			Con	nmunity Room	
FOOTNOTE	S: Clim	ate zone can l	be det	ermined on th	e Calif	fornia Energy	Comn	nission's webs	ite at	http://www.er	erqy.	ca.gov/maps/	/renev	vable/building	climate_zones.html
									1						
. PROJECT															
				ical systems th	hat ar	e within the so	cope o	f the permit a	applica	ition and are d	emor	strating comp	oliance	e using the pres	criptive path outlined in
<u>140.4</u> , or <u>§</u>	<u>41.0(b</u>	<u>)2</u> for alterati	ons.												
						My p	roject		heck a	all that apply)					
		01	ac. 1.				-	02						03	
		Air System	ı(s)				-	et System Con	npone	nts				ry System Com	ponents
/ Heating						Water Ec	onomi	zer				🗌 Air Econo			
Cooling						Pumps		1946				Electric Re		nce Heat	
	1	Mechanical Co	ontrols	3		Hydronic	Syster	m Piping				Fan Syste	ms	All fair and a	
Mechani	cal Cor	ntrols (existing	g to re	main, altered	or	Cooling T	owers				-	Ductwork	: (exist	ing to remain,	altered or new)
의 new)						Chillers						✓ Ventilatio	n		
					- 2	Boilers						Zonal Syst	tems/	Terminal Boxe	S
. COMPLI	ANCE F	RESULTS													
able Instru	ctions:	lf any cell on t	his tal	ble says "DOES	S NOT	COMPLY" or	"COM	PLIES with Exc	ception	nal Conditions'	' refe	r to Table D. fo	or guid	lance.	
01		02		03		04		05		06		07		08	09
System				Fans/		System								(and the second	
Summary		Pumps		Economizara		Controls		Ventilation		Terminal Box		Distribution		Cooling	
§110.1,	AND	§140.4(k)	AND	§140.4(c),	AND		AND	§120.1	AND		AND		AND		Compliance Results
				§140.4(e)		<u>§120.2</u> , §140.4(f)				<u>§140.4(d)</u>		<u>§140.4(I)</u>		<u>§110.2(e)2</u>	
<u>§110.2</u> ,	N	(See Table G)		(See Table H)		(See Table I)		(See Table J)		(See Table K)		(See Table L)		(See Table M)	
<u>§110.2</u> <u>§140.4</u>			AND		AND	Yes	AND		AND		AND		AND		COMPLIES
<u>§110.2</u> , <u>§140.4</u> See Table F	-	1	AND		AND	165	AND		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1	1.200.00.0				
<u>§110.2</u> <u>§140.4</u>	AND								vlanda	atory Measure	s Con	npliance (See	lable	Q for Details)	COMPLIES
<u>§110.2</u> , <u>§140.4</u> See Table F	-														
<u>§110.2</u> , <u>§140.4</u> See Table F	-			-											
<u>§110.2</u> , <u>§140.4</u> See Table F Yes	AND	ficiency Standa	rds - 2()19 Nonresiden	tial Co	mpliance: http	://wwv	v.energy.ca.gov	v/title2	4/2019standard	5/				September 202

STATE OF CALIFORNIA											
Mechanical S	Systems										
NRCC-MCH-E (Created										CALIFORNIA ENERGY COMMISSION	
CERTIFICATE OF C					_					NRCC-MCH-I	
	Oakland Main Library I	nfrastructur	e Improveme	ents				t Page:		Page 4 of 10	
Project Address:	125 14th Street						Date	Prepared:		2022-02-2	
J. VENTILATION	AND INDOOR AIR Q	UALITY									
residential and ho		For alterat	ions, only ver	ntilation syster	ns being	altered with	hin the scope	of the permit a	pplication	<u>0.2(e)3B</u> for all nonresidential, high-rise n need to be documented in this table. n a spreadsheet.	
01	Check the box	if the projec	t is showing	ventilation cal	culations	on the pla	ns, or attachi	ng the calculati	ons inste	ad of completing this table.	
02	Check this box	if the proje	ct includes N	onresidential d	or Hotel/	Motel space	es				
	Check this box	if the proje	ct includes n	ew or altered h	nigh-rise	residential	dwelling unit	s			
03	Check the box	if the project	t is using nat	tural ventilatio	n in any	spaces to m	neet required	ventilation rate	es per <u>§1</u>	20.1(c)2.	
Nonresidential an	d Hotel/ Motel Ventil	ation System	ns								
ĺ	04		1	05			06			07	
and seal		System	Design OA			System De	m Design			tration per <u>§120.1(c)</u> and <u>§141.0(b)2</u> 2	
System Name:	FC-1-FC-8	CFM Air	-	280		Transfer A		0	Provided per §141.0(b)2c (alteration)		
08	09		10	11	12	13	14	15	1	16	
	Mecha	nical Ventila	ation Require	d per <u>§120.1(</u>	c)3 ³		Exh. Vent. p	er §120.1(c)4		and an an an an an and	
Space Name or Item Tag	Occupancy Ty	pe⁴	Conditioned Floor Area (ft²)	# of showerheads / toilets	# of people⁵	Required Min OA CFM	Required Minimum CFM	Provided per Design CFM	DCV or Occupant Sensor Controls per <u>§120.1(d)3</u> , <u>§120.1(d)5</u> & <u>§120.2(</u>		
Community Roon	All others		1,830		10	274.5		280	DCV	NA: Not required per §120.1(d)3	
Community Roon	All others		1,030		16			200	Occ Sensor	Provided per §120.1(d)5	
17	Total System Required	2.11. 11.11.1.1.1			4.5	18		Ventilation fo		tem Complies? Yes	

CA Building En	ergy Efficie	ency Standards - 2019 Nonresidential Compliance: <u>http://www.energy.ca.gov/title24/2019star</u>	dards	Se	ptember 2020
STATE OF CALIFC Mechanic NRCC-MCH-E (Cr	cal Syst	020)		CALIFORNIA ENERGY COMM	
CERTIFICATE	CC 0000			Y	NRCC-MCH-
			eport Page:		Page 7 of 1
Project Addre	ess: 125	14th Street [Pate Prepared:		2022-02-2
С	6	NRCA-MCH-12-A FDD for Packaged Direct Expansion Units			
С	6	NRCA-MCH-13-A Automatic FDD for Air Handling Units and Zone Terminal Units Acceptance			
С	•	NRCA-MCH-14-A Distributed Energy Storage DX AC Systems Acceptance NOTE: This form does not automatically move to "Yes". If Distributed Energy Storage AC Systems are included in the scope, permit applicant should move this form to "Y			
C	ē	NRCA-MCH-15-A Thermal Energy Storage (TES) System Acceptance NOTE: This form does not automatically move to "Yes". If Chilled Water Storage, Ic Coil Internal Melt, Ice-on-Coil External Melt, Ice Harvester, Brine, Ice-Slurry, Eutecti Salt, Clathrate Hydrate Slurry (CHS), Cryogenic or Encapulated (Ice Ball) Systems ar included in the scope, permit applicant should move this form to "Yes".	c .		
С		NRCA-MCH-16-A Supply Air Temperature Reset Controls			
C		NRCA-MCH-17-A Condenser Water Temperature Reset Controls			
С	۲	NRCA-MCH-18 Energy Management Control Systems	1		
۲	C	NRCA-MCH-19 Occupancy Sensor Controls			
0	6	NRCA-MCH-20 Multi-Family Ventilation			
C	6	NRCA-MCH-21 Multi-Family Envelope Leakage			

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







250 FRANK H. OGAWA PLAZA SUITE 4314 OAKLAND, CA 94612

(510) 238-3437



ELMENDORF & ASSOCIATES MECHANICAL ENGINEERS 517 PINE STREET SAUSALITO, CA 94965 415-332-8388

Mechanical	STR SACED STR	
CERTIFICATE OF		
Project Name:	Oakland Main Library Infrastructure Improvements	Report Page:
Project Address	125 14th Street	Date Prepare
D. EXCEPTION	L CONDITIONS	
This table is auto	-filled with uneditable comments because of selections m	ade or data entered in tables throughout the
Selections made	in Table O have been changed by the permit applicant. Se	e Table E. Additional Remarks for permit app

		ng equipment schedules to show comp 4(<u>k)</u> or <u>§141.0(b)2</u> for alterations.	pliance with mandatory	requirement	ts found in	<u>§110.1</u> ani	d <u>§110.2(a)</u>	and presc	riptive requ	iirements
		air conditioners, condensers, heat pu	imps, VRF, furnaces and	d unit heate	rs)					
01	02	03	04	05	06	07	08	09	10	11
				Equip	ment Sizin	g per Mech	anical Sche	edule (kBtu	i/h) <u>§140.4</u>	(a&b)
0.00				Hea	ting Outpu	ut ^{2,3}	Cooling (Dutput ^{2,3}	Load Calc	ulations ^{3,4}
Name or Item Tag	Equipment Category per Tables 110.2	Equipment Type per <u>Tables 110.2</u> & <u>Title 20</u>	Smallest Size Available ¹ <u>§140.4(a)</u>	Per Design (kBtu/h)	Rated (kBtu/h)	Supp. Heating Output (kBtu/h)	Sensible Per Design (kBtu/h)	Rated (kBtu/h)	Total Heating Load (kBtu/h)	Total Sensible Cooling Load (kBtu/h)
FC-1-FC-8	Variable Refrigerant Flow	VRF heat pump, air cooled	Yes	144	144	0	144	144	54.5	78.8

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 <u>§140.4(a)</u>. Healthcare facilities are excepted. 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 <u>5140.4(b)</u>. **Table Continued**

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards	Ĺ
STATE OF CALIFORNIA	

Mechanical	Systems
NRCC-MCH-E (Create	ed 09/2020)

CERTIFICATE OF COMPLIANCE Project Name: Oakland Main Library Infrastructure Improvements Project Address: 125 14th Street

¹ FOOTNOTES: System CFM should include both mechanical and natural ventilation for the zone/system. ² Air filtration requirements apply to the following three system types per <u>\$120.1(c)1A</u>: space conditioning systems utilizing ducts to supply air to occupiable space; supply-only ventilation systems providing outside air to occupiable space; supply side of balanced ventilation systems including heat recovery and energy recovery ventilation systems providing outside air to occupiable space. ³ Uniform Mechanical Code may have more stringent ventilation requirements; the most stringent code requirement takes precedence. ⁴ See Standards Tables 120.1-A and 120.1-B

⁵ For lecture halls with fixed seating, the expected number of occupants shall be determined in accordance with the California Building Code. ⁶ <u>§120.2(e)3</u> requires systems serving rooms that are required by <u>§130.1(c)</u> to have lighting occupancy sensing controls to also have occupancy sensing zone controls for ventilation. Examples of spaces which require lighting occupancy sensors include offices 250ft² or smaller, multipurpose rooms less than 1,000ft², classrooms, conference rooms, restrooms, aisles and open areas in warehouses, library book stack aisles, corridors, stairwells, parking garages, and loading and unloading zones, unless excepted by <u>§130.1(c)</u>.

	AL BOX CO	DNTROLS			
his Section	Does Not A	pply			
DISTRIB	UTION (DU	CTWORK AND PIPING)			
his Section	Does Not A	pply			
1. COOLIN	IG TOWER	S			
his Section	Does Not A	pply			
. DECLAR	ATION OF	REQUIRED CERTIFICATES OF INSTALLATION			1
able Instru able E. Add	ctions: Selei litional Rem	REQUIRED CERTIFICATES OF INSTALLATION ctions have been made based on information provided in previous tables arks. These documents must be provided to the building inspector during 2019 compliance_documents/Nonresidential_Documents/NRCI/			
able Instru able E. Add tle24/2019	ctions: Selec litional Rem <mark>Sstandards/</mark>	ctions have been made based on information provided in previous tables barks. These documents must be provided to the building inspector during 2019_compliance_documents/Nonresidential_Documents/NRCI/	construction and can be found online at <u>https://www</u>	v.energy.ca.go	
able Instru able E. Add	ctions: Selei litional Rem	ctions have been made based on information provided in previous tables arks. These documents must be provided to the building inspector during		v.energy.ca.go	v/

September 2020

NRCC-MCH-E (Creat		
	Oakland Main Library Infrastructure Improvements	Report Page:
Project Address	: 125 14th Street	Date Prepared
P. DECLARATI	ON OF REQUIRED CERTIFICATES OF VERIFICATION	
	ns: Selections have been made based on information provided in prev.	· · · · · · · · · · · · · · · · · · ·

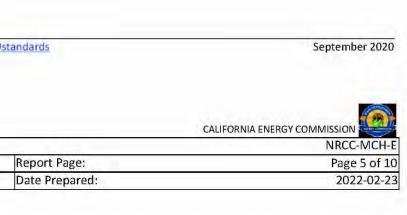
CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards

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

lechanic	al Syster	ns			
CC-MCH-E (Cre	and the second			CALIFORNIA ENERGY COMN	
	OF COMPLIA				NRCC-MCH
oject Name		Main Library Infrastructure Improvements	Report Page:		Page 8 of
oject Addre	ss: 125 14t	n Street	Date Prepared:		2022-02-
DECLARAT	TION OF RE	QUIRED CERTIFICATES OF VERIFICATION			17
	Document	rs registry, but drafts can be found online at <u>https://www.ene</u> s/NRCV/	ruy.cu.gov/mc24/20153cundurd3/2015_compilan	ce abcaments/	
				Field In	spector
YES	NO		n/Title	Field In Pass	spector Fail
	NO		n/Title		
YES		Forn NRCV-MCH-04-H Duct Leakage Test	n/Title	Pass	
YES	۲	Forn NRCV-MCH-04-H Duct Leakage Test NOTE: Must be completed by a HERS Rater NRCV-MCH-24 Enclosure Air Leakage Worksheet	n/Title	Pass	-

OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

		CALIF	ORNIA ENER	GY COMMISSI	
				1. 1 ki	CC-MCH-E
					ge 2 of 10
ed:				2	022-02-23
					2
form.					
lican	t's explan	ation.			
_					6
					-
					2
nd in	<u>5110.1</u> ar	nd <u>§110.2(a)</u>	and presc	riptive requ	irements
6	07	08	09	10	11
Sizing	g per Mec	hanical Sche	dule (kBtu	ı/h) §140.4	(a&b)
Juto				Load Calc	



September 2020

	F COMPLIANCE									NRCC-MCH
Project Name:		rary Infrastructur	e Improvements			Report				Page 3 of
Project Addres	: 125 14th Street					Date P	epared:			2022-02
Dry System Eq	uipment Efficiency (other than Packa	ige Terminal Air C	onditioners ((PTAC) and Pa	ckage Terminal I	leat Pum	ps (PTHP))		
01	02		03	04	()5	06	07	08	09
				Heati	ing Mode				Cooling Mode	
Name or Item Tag	Size Category (Btu/h)	Ra	ating Condition (°F)	Efficiency	Unit Requi		esign ciency	Efficiency Unit	Min Efficiency Required per <u>Tables 110.2</u> / <u>Title 20</u>	Design Efficiency
-	125 000	47%5	11- /42%E	COD		2	2.67	EER	10.6	12.3
F	≥135,000 and <240,0	000 47°FC	lb/43°Fwb OSA	COP	3	.2	3.67	IEER	13.9	24.8
his Section Do	MS & AIR ECONOI	MIZERS								
This Section Do 1. FAN SYSTE This Section Do	MS & AIR ECONOI es Not Apply	MIZERS								
This Section Do I. FAN SYSTE This Section Do . SYSTEM CO Table Instruct	MS & AIR ECONOI es Not Apply NTROLS ons: Complete the fc	llowing Table to		pliance with r	mandatory col	ntrols in <u>§110.2</u> a	nd <u>§120.2</u>	and prescriptive c	controls in <u>§140.4(</u>	
This Section Do • SYSTEM CO Table Instruct requirements i	MS & AIR ECONOI es Not Apply NTROLS ons: Complete the for <u>§141.0(b)2E</u> for alt	llowing Table to ered space condi	tioning systems.	pliance with r			nd <u>§120.2</u>			
This Section Do H. FAN SYSTE This Section Do . SYSTEM CO Table Instruct	MS & AIR ECONOI es Not Apply NTROLS ons: Complete the fc b <u>§141.0(b)2E</u> for alt 02	llowing Table to		ats (c) ¹ ,	mandatory con 05 Shut-Off Controls §120.2(e)	ntrols in <u>§110.2</u> d 06 Isolation Zone Controls <u>§120.2(g)</u>	Den	2 and prescriptive of 07 nand Response 12 and §120.2(b)	controls in <u>§140.4(</u> 08 Supply Air Temp. Reset <u>§140.4(f)</u>	

01	02	03	04	05	06	07	
System Name	System Zoning	Conditioned Floor Area Being Served (ft ²)	Thermostats <u>§110.2(b) & (c)</u> ¹ , <u>§120.2(a)</u> or <u>§141.0(b)2E</u>	Shut-Off Controls §120.2(e)	lsolation Zone Controls <u>§120.2(g)</u>	Demand Response <u>§110.12</u> and <u>§120.2(b)</u>	Su Ten §1
FC-1-FC-8	single zone	≤ 25,000 ft²	Setback Thermostat	NA: 7 day per §120.2(e)1	NA: Single Zone	DR Tstat per §110.12	NA: A

EX: System 1: SA Temp Reset: Exempt because zones compliant with <u>§140.4(d)</u>; *EXCEPTION 1 to* <u>§140.4(f)</u>

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

STATE OF CALIF	ORNIA	
Mechani	ical Syste	ms
NRCC-MCH-E (Created 09/2020))
CERTIFICAT	E OF COMPLI	ANCE
Project Nam	ne: Oaklan	d Main Library Infrastructure Improvements
Project Add	ress: 125 14	th Street
O. DECLAR	ATION OF F	REQUIRED CERTIFICATES OF ACCEPTANCE
Table E. Add	litional Rema	ctions have been made based on information provided in previous arks. These documents must be provided to the building inspector 1019 compliance documents/Nonresidential Documents/NRCA/
YES	NO	Form/Title

STATE OF CALI	FORNIA				
Mechan					
NRCC-MCH-E (CALIFORM	IIA ENERGY COM	
CERTIFICAT			ort Page:		NRCC-MCH-E Page 6 of 10
Project Add			Prepared:		2022-02-23
A 10-13 10 1000 100		REQUIRED CERTIFICATES OF ACCEPTANCE		and a damage of	
Table E. Add	ditional Ren	lections have been made based on information provided in previous tables of this docume narks. These documents must be provided to the building inspector during construction a (2019 compliance documents/Nonresidential Documents/NRCA/			
	1			Field Ir	spector
YES	NO	Form/Title	Systems To Be Field Verified	Pass	Fail
۲	с	NRCA-MCH-02-A Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap.	FC-1-FC-8		
С	۲	NRCA-MCH-03-A Constant Volume Single Zone HVAC NOTE: This form does not automatically move to "Yes". If Constant Volume Single Zone HVAC Systems are included in the scope, permit applicant should move this form to "Yes".			
С	۲	NRCA-MCH-04-A Air Distribution Duct Leakage			
C	۲	NRCA-MCH-05-A Air Economizer Controls			
C	۲	NRCA-MCH-06-A Demand Control Ventilation Systems Acceptance must be submitted for all systems required to employ demand controlled ventilation (refer to §120.1(c)3) can vary outside ventilation flow rates based on maintaining interior carbon dioxide (CO2) concentration setpoints.			
С	۲	NRCA-MCH-07-A Supply Fan Variable Flow Controls			
С	۲	NRCA-MCH-08-A Valve Leakage Test			
C	۲	NRCA-MCH-09-A Supply Water Temperature Reset Controls			
С	۲	NRCA-MCH-10-A Hydronic System Variable Flow Controls			
C	۲	NRCA-MCH-11-A Automatic Demand Shed Controls			

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

Mechanical Systems			
NRCC-MCH-E (Created 09/2020)		CA	LIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE		And the second sec	NRCC-MCH-I
Project Name: Oakland Main Library Infrastructure Improvement	ts	Report Page:	Page 9 of 10
Project Address: 125 14th Street		Date Prepared:	2022-02-2
Q. MANDATORY MEASURES DOCUMENTATION LOCATION Table Instructions: Indicate where mandatory measures are docume	ented in the plan set or co	onstruction documentation. For any mandatory med	asures that do not apply, mark
			asures that do not apply, mark
Table Instructions: Indicate where mandatory measures are docume the plan sheet or construction document location as "N/A", any acti			asures that do not apply, mark
Table Instructions: Indicate where mandatory measures are docume		k will result in non-compliance in Table C.	



MECHANICAL ENGINEER

September 2020

JEFF ELMENDORF		No.	DATE	BY	REFERENCE	CONST
		1	02.17.23	JJE	ISSUE FOR BID	
RCE NO. <u>M 27243</u>	EXP. <u>06/23</u>					ENERGY
CHECKED BY	JJE					COMPLIANC
DESIGNED BY	JJE					
DRAWN BY	MAH					
DIAWN DI	MAIT					

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

TRUCTION PLANS:

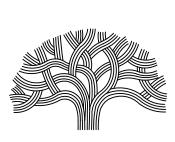
September 2020

September 2020

PROJECT NO. C1004859 SCALE: AS NOTED SHEET NO. HOR: M4.2 VERT: <u>43</u>_{OF} <u>62</u> DATE: 08.15.22

September 2020







CITY OF OAKLAND 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

CERTIFICATE OF COMPLIANCE			ALIFORN
	brary Infrastructure Improvements	Report Page:	
Project Address: 125 14th Street		Date Prepared:	
DOCUMENTATION AUTHOR'S	DECLARATION STATEMENT		
1. I certify that this Certificate of C	Compliance documentation is accurate and o	complete.	
Documentation Author Name:	Nicholas Mott	Documentation Author Signature: Nic	hola
Company:	Wade Energy	Signature Date:	2/23
Address:	1942 Linda Drive	CEA/ HERS Certification Identification (if app	licable
City/State/Zip:	Pleasant Hill, CA 94523	Phone: 408	-963-9
I certify the following under pena 1. The information provided on t	ATION STATEMENT alty of perjury, under the laws of the State his Certificate of Compliance is true and co of the Business and Professions Code to acc	rrect.	ign ide
 I certify the following under pena The information provided on th I am eligible under Division 3 on Compliance (responsible design The energy features and perform Certificate of Compliance confect The building design features or compliance documents, works I will ensure that a completed store to the enforcement agency for documentation the builder pro- 	alty of perjury, under the laws of the State of his Certificate of Compliance is true and co of the Business and Professions Code to acc oner) rmance specifications, materials, compone form to the requirements of Title 24, Part 1 r system design features identified on this of theets, calculations, plans and specification signed copy of this Certificate of Compliand r all applicable inspections. I understand the povides to the building owner at occupancy.	rrect. ept responsibility for the building design or system design and Part 6 of the California Code of Regulations. Certificate of Compliance are consistent with the inform s submitted to the enforcement agency for approval w ce shall be made available with the building permit(s) i at a completed signed copy of this Certificate of Compl	or syst nation ith this ssued f
 I certify the following under pena The information provided on th I am eligible under Division 3 of Compliance (responsible design The energy features and perfort Certificate of Compliance confe The building design features or compliance documents, works I will ensure that a completed stort the enforcement agency for 	alty of perjury, under the laws of the State of his Certificate of Compliance is true and co of the Business and Professions Code to acc (ner) rmance specifications, materials, compone orm to the requirements of Title 24, Part 1 r system design features identified on this of heets, calculations, plans and specification signed copy of this Certificate of Compliance r all applicable inspections. I understand the	rrect. ept responsibility for the building design or system des nts, and manufactured devices for the building design and Part 6 of the California Code of Regulations. Certificate of Compliance are consistent with the inform s submitted to the enforcement agency for approval w ce shall be made available with the building permit(s) i	or systemation nation ith this ssued f
 I certify the following under pena The information provided on th I am eligible under Division 3 of Compliance (responsible design The energy features and perform Certificate of Compliance confe The building design features or compliance documents, works I will ensure that a completed store the enforcement agency for documentation the builder pro- 	alty of perjury, under the laws of the State of his Certificate of Compliance is true and co of the Business and Professions Code to acc oner) rmance specifications, materials, compone form to the requirements of Title 24, Part 1 r system design features identified on this of theets, calculations, plans and specification signed copy of this Certificate of Compliand r all applicable inspections. I understand the povides to the building owner at occupancy.	rrect. ept responsibility for the building design or system design and Part 6 of the California Code of Regulations. Certificate of Compliance are consistent with the inform s submitted to the enforcement agency for approval w ce shall be made available with the building permit(s) i at a completed signed copy of this Certificate of Compl	or systemation nation ith this ssued f
 I certify the following under pena The information provided on th I am eligible under Division 3 of Compliance (responsible design The energy features and perford Certificate of Compliance confect The building design features or compliance documents, works I will ensure that a completed stop to the enforcement agency for documentation the builder procession Responsible Designer Name: 	alty of perjury, under the laws of the State of his Certificate of Compliance is true and co of the Business and Professions Code to acc (ner) rmance specifications, materials, compone form to the requirements of Title 24, Part 1 r system design features identified on this of theets, calculations, plans and specification signed copy of this Certificate of Compliand r all applicable inspections. I understand the povides to the building owner at occupancy. Jeff Elmendorf	rrect. ept responsibility for the building design or system design and Part 6 of the California Code of Regulations. Certificate of Compliance are consistent with the inform s submitted to the enforcement agency for approval w ce shall be made available with the building permit(s) i at a completed signed copy of this Certificate of Compl Responsible Designer Signature:	or systemation nation ith this ssued f

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



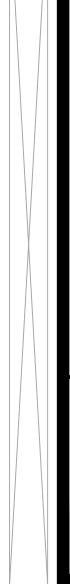
JEFF ELMENDORF	No.	DATE	BY	REFERENCE	CONS
	1	02.17.23	JJE	ISSUE FOR BID	
RCE NO. <u>M 27243</u> EXP. <u>06/23</u>					ENERGY
CHECKED BY JJE	·				COMPLIAN
DESIGNED BY JJE	-				
DRAWN BY MAH					
DRAWN BY MAH					

STRUCTION PLANS:

NCE

NIA ENERGY COMM	AISSION	
		NRCC-MCH-E
	-	Page 10 of 10
		2022-02-23
		2
as Mott		
3/2022		
e):	n/a	
9735		
lentified on this stem design ide		
n provided on o is building pern		
for the building is required to b		
Imender		
)	

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





130 Twitchell Island Rd., West Sacramento, CA T/F - 916.371.3202 442 Livingston Avenue, Placentia, CA 92870 T - 916.826.1825



TAG	DESCRIPTION	MANUFACTURER	V	LAMPS	w	DIMMING	MOUNTING	R
$\left(A4\right) $	4 FT LINEAR 2" SURFACE MOUNTED SLOT LUMINAIRE, 600L/FT	LITHONIA SL2S LLP 4 4 80CRI 35K 600LMF MIN1 MVOLT (SCBA) ZT	M∨	LED 2,400 LUMENS, 80 CRI 3500K	24	0-10V	SURFACE MOUNTED	
44E>	SAME AS ABOVE w/ CA APPROVED 90 MIN EMERGENCY BATTERY BACK-UP	LITHONIA SL2S LLP 4 4 80CRI 35K 600LMF MIN1 MVOLT (SCBA) ZT E10WLCP (BATTERY)	M∨	LED 2,400 LUMENS, 80 CRI 3500K	24	0-10V	SURFACE MOUNTED	
A8>	8 FT LINEAR 2" SURFACE MOUNTED SLOT LUMINAIRE, 600L/FT	LITHONIA SL2S LLP 8 8 80CRI 35K 600LMF MIN1 MVOLT (SCBA) ZT	M∨	LED 4,800 LUMENS, 80 CRI 3500K	45	0-10V	SURFACE MOUNTED	
12	12 FT LINEAR 2" SURFACE MOUNTED SLOT LUMINAIRE, 600L/FT	LITHONIA SL2S LLP 12 12 80CRI 35K 600LMF MIN1 MVOLT (SCBA) ZT	M∨	LED 7,200 LUMENS, 80 CRI 3500K	68	0-10V	SURFACE MOUNTED	
4R	4 FT LINEAR 2" RECESSED MOUNTED SLOT LUMINAIRE, 600L/FT	LITHONIA SL2L LDP 4 4 80CRI 35K 600LMF MIN1 MVOLT (SCBA) ZT	MV	LED 2,400 LUMENS, 80 CRI 3500K	24	0-10V	RECESSED IN CEILING	
4ER	SAME AS ABOVE w/ CA APPROVED 90 MIN EMERGENCY BATTERY BACK-UP	LITHONIA SL2L LDP 4 4 80CRI 35K 600LMF MIN1 MVOLT (SCBA) ZT E10WLCP (BATTERY)	MV	LED 2,400 LUMENS, 80 CRI 3500K	24	0-10V	RECESSED IN CEILING	
48R	8 FT LINEAR 2" RECESSED MOUNTED SLOT LUMINAIRE, 600L/FT	LITHONIA SL2L LDP 8 8 80CRI 35K 600LMF MIN1 MVOLT (SCBA) ZT	M∨	LED 4,800 LUMENS, 80 CRI 3500K	45	0-10V	RECESSED IN CEILING	
(12R	12 FT LINEAR 2" RECESSED MOUNTED SLOT LUMINAIRE, 600L/FT	LITHONIA SL2L LDP 12 12 80CRI 35K 600LMF MIN1 MVOLT (SCBA) ZT	M∨	LED 7,200 LUMENS, 80 CRI 3500K	68	0-10V	RECESSED IN CEILING	
B4>	4 FT LINEAR 2" SURFACE MOUNTED SLOT LUMINAIRE, 400L/FT	LITHONIA SL2S LLP 4 4 80CRI 35K 400LMF MIN1 MVOLT (SCBA) ZT	M∨	LED 1,600 LUMENS, 80 CRI 3500K	14	0-10V	SURFACE MOUNTED	
34E>	SAME AS ABOVE w/ CA APPROVED 90 MIN EMERGENCY BATTERY BACK-UP	LITHONIA SL2S LLP 4 4 80CRI 35K 400LMF MIN1 MVOLT (SCBA) ZT E10WLCP (BATTERY)	M∨	LED 1,600 LUMENS, 80 CRI 3500K	14	0-10V	SURFACE MOUNTED	
B8〉	8 FT LINEAR 2" SURFACE MOUNTED SLOT LUMINAIRE, 400L/FT	LITHONIA SL2S LLP 8 8 80CRI 35K 400LMF MIN1 MVOLT (SCBA) ZT	M∨	LED 3,200 LUMENS, 80 CRI 3500K	28	0-10V	SURFACE MOUNTED	
24R	4 FT LINEAR 2" RECESSED IN WALL DIRECT SLOT LUMINAIRE, 400L / FT.	LITHONIA SL2L LOP 4FT x FLP (VERIFY) 80CRI 35K 400LMF MIN10 MVOLT (SCBA) ZT	M∨	LED 1,600 LUMENS, 80 CRI 3500K	16	0-10V	RECESSED IN WALL	
4ER	SAME AS ABOVE w/ CA APPROVED 90 MIN EMERGENCY BATTERY BACK-UP	LITHONIA SL2L LOP 4FT x FLP (VERIFY) 80CRI 35K 400LMF MIN10 MVOLT (SCBA) ZT E10WLCP	M∨	LED 1,600 LUMENS, 80 CRI 3500K	16	0-10V	RECESSED IN WALL	PROVIDE UN PER NEC RE BATTERY
08R	8 FT LINEAR 2" RECESSED IN WALL MOUNTED DIRECT SLOT LUMINAIRE, 400L / FT.	LITHONIA SL2L LOP 8FT x FLP (VERIFY) 80CRI 35K 400LMF MIN10 MVOLT (SCBA) ZT	M∨	LED 3,200 LUMENS, 80 CRI 3500K	32	0-10V	RECESSED IN WALL	
D8	8 FT LINEAR LENSED STRIPLIGHT	LITHONIA TZL1D L96 SMR 6000LM FST 35K 80CRI	MV	LED 6,000 LUMENS, 80 CRI 3500K	60	0-10V	CHAIN HUNG	
GE	14" SQ. SURFACE MOUNTED STAIRWELL LUMINAIRE w/ 90 MIN. BATTERY BACK-UP	JUNO JSFSQ 14IN 35K 90CRI MVOLT ZT WH E10WLCP (BATTERY & BACKBOX)	MV	LED 1,800 LUMENS, 80 CRI 3500K	20	0-10V	SURFACE MOUNTED	
H	2FT x 4FT LAY-IN TROFFER	LITHONIA 2FSL4 60L LP835 EZ1	M∨	LED 6,000 LUMENS, 80 CRI 3500K	46	0-10V	LAY-IN GRID	
HE	2FT x 4FT LAY-IN TROFFER WITH 90 MINUTE EMERGENCY BATTERY BACK-UP (1400 LUMENS)	LITHONIA 2FSL4 60L LP835 EZ1 EL14L	M∨	LED 6,000 LUMENS, 80 CRI 3500K	46	0-10V	LAY-IN GRID	PROVIDE UN PER NEC REC BATTERY
J	4" DIA. RECESSED DOWNLIGHT WITH CLEAR DIFFUSE TRIM	JUNO L4 13LM 35K MVOLT G4 80CRI EZ1 w/ P CD PF	M∨	LED 1300 LUMENS, 80 CRI 3500K	12	0-10V	RECESSED	
SL〉	DECORATIVE POLE MOUNTED AREA LIGHT w/ 4" RSS POLE	ANP LIGHTING LA623 1 PO29LD4D T3N 35K 72 w/ MATCHING 12FTx 4"D. RSS POLE	M∨	LED 3,000 LUMENS, 70 CRI 3500K	30	0-10V	POLE MOUNTED @+12FT	
\mathbf{x}	EXIT SIGN WITH 90 MIN. BATTERY BACK-UP	LITHONIA LQM S W 3 G 120 ELN SD	120	LED	4	N/A	WALL OR CEILING	PROVIDE UN PER NEC REC
XL	EXIT SIGN WITH 90 MIN. HIGH OUTPUT BATTERY FOR REMOTE HEADS	LITHONIA LHQM LED G HO RO	120	LED	4	N/A	WALL OR CEILING	PROVIDE UN PER NEC REC
	REMOTE WEATHERPROOF TWIN HEAD ADJUSTABLE LOW VOLTAGE EMERGENCY LIGHTS	LITHONIA ELA B T QWP LO309	120	LED	-	N/A	WALL OR CEILING	PROVIDE LO CONNECTION BATTERY PA

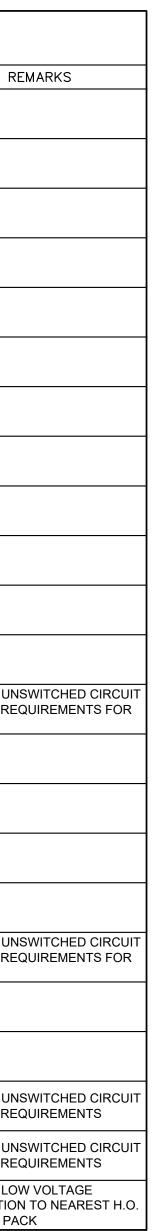
NOTE:

DEMAND READING FOR THE LAST 12 MONTHS, AS REQUIRED BY THE NEC, IS UNAVAILABLE. TO VERIFY ADEQUACY OF EXISTING SERVICE, E.C. SHALL RUN A 30-DAY STUDY PER NEC REQUIREMENTS. SHOULD LOAD CALCULATIONS, USING STUDY RESULTS, BE GREATER THAN THE EXISTING SERVICE, E.C. IS TO INFORM OWNER IMMEDIATELY.

CITY OF OAKLAND 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



GENERAL NOTES

- ELECTRICAL CONTRACTOR SHALL VERIFY ALL ONSITE UTILITY REQUIREMENTS WITH THE ELECTRIC UTILITY AND THE TELEPHONE COMPANY PRIOR TO SUBMITTING A BID. INCLUDE ALL PULLBOXES, CONDUITS, SPLICEBOXES, TRANSFORMER PAD, TERMINAL BOXES, RISERS, TRENCHING, ETC. AS REQUIRED FOR COMPLETE AND OPERATIONAL UTILITY SERVICES, WHETHER INDICATED ON DRAWINGS OR NOT. VERIFY POINT OF SERVICE FEEDS WITH UTILITY COMPANIES AT JOBSITE.
- PRIOR TO SUBMITTING BID, CONTRACTOR SHALL VISIT JOBSITE AND THOROUGHLY EXAMINE ALL EXISTING CONDITIONS WHICH MAY AFFECT THE WORK. NO ADDITIONAL COSTS WILL BE CONSIDERED FOR CONTRACTOR'S FAILURE TO DO SO. REPORT ANY DISCREPANCIES OR PROBLEMS ENCOUNTERED TO ARCHITECT.
- REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS. DO NOT SCALE FROM ELECTRICAL DRAWINGS.
- 4. CONTRACTOR SHALL INSTALL A #14 AWG OR 3/16" POLYPYLENE PULL LINE IN ALL EMPTY CONDUITS.
- PROVIDE WEATHERPROOF CAPS ON ALL ENDS OF CONDUITS TERMINATED OUTSIDE OF BUILDING. STAKE AND RECORD ALL CONDUIT LOCATIONS. PLACE AN ELECTRONIC MARKER FOR ALL STUB OUTS.
- 6. ALL WIRING METHODS SHALL BE IN ACCORDANCE W/ LOCAL & NATIONAL CODES. ALL POWER WIRE IN THE PREMISE SHALL BE INSTALLED IN CONDUIT. CONDUCTOR INSULATION SHALL BE THW, THHN, OR THWN. NO ROMEX CABLES ARE ALLOWED.
- ALL ELECTRICAL MATERIALS SHALL BE NEW & SHALL BE NEC STANDARD UNLESS BETTER GRADE IS REQUIRED BY LOCAL CODE, & SHALL BEAR THE UNDERWRITERS' LABORATORIES LABEL.
- 9. FIRE SEAL ALL FIRE WALL PENETRATIONS FOR CONDUITS WITH AN APPROVED FIRE SEALANT AFTER CONDUIT INSTALLATION. FIRE SEAL SHALL PROVIDE EQUAL FIRE RATING AS WALL.

SYMBOL LEGEND

	FLUORESCENT LIGHT FIXTURE - SURFAC
\oplus	PENDANT MOUNTED FIXTURE
$\vdash 0 \dashv$	FLUORESCENT STRIP LIGHT - SURFACE
O	RECESSED DOWNLIGHT
0	CEILING MOUNTED FIXTURE
Он 4-	WALL MOUNTED FIXTURE
Å	EXIT LIGHT - CEILING MOUNTED WITH EM
\otimes	EXIT LIGHT - WALL MOUNTED WITH ARRC
	EMERGENCY LIGHTING FIXTURE - SURFA
ᡐ ᡐ	SINGLE POLE TOGGLE SWITCH, @ +46" U
რ 3	TWO POLE TOGGLE SWITCH, @ +46" UNC
س س	THREE-WAY TOGGLE SWITCH, @ +46" UN MOTOR RATED SINGLE POLE SWITCH, @
0 7	MASTER LIGHTING CONTROL STATION
©)	OCCUPANCY SENSOR
$\langle A \rangle$	FIXTURE TAG: LETTER INDICATES TYPE
\bigcirc	JUNCTION BOX, SIZE & TYPE AS INDICATI
5	FLEX CONNECTION FROM J-BOX/DISCON
¢	15 OR 20 AMP 125V 3W DUPLEX RECEPTA
⇔	20 AMP 125V 3W DEDICATED DUPLEX REG
⊕	15 OR 20 AMP 125V 3W DOUBLE DUPLEX
\square	CEILING MOUNTED DUPLEX RECEPTACLE
	PLUGMOLD W/ DATA & RECEPTACLES SP
4	NON-FUSED DISCONNECT SWITCH
ΥF	FUSED DISCONNECT SWITCH, SIZE PER U
	MOTOR, N.I.E.S. CONNECT AS REQUIRED
	PANELBOARD - SEE SCHEDULE
	MAIN SWITCHBOARD OR MOTOR CONTRO
T	DISTRIBUTION TRANSFORMER, MOUNTIN
	TERMINAL CABINET, SIZE & TYPE AS NOT
③ ⊳	
	DATA OUTLET, 4" SQ. BOX w/ SINGLE DEV TELEPHONE OUTLET, 4" SQ. BOX w/ SING
•	DUPLEX RECEPTACLE FLUSH w/ FINISHEI
Ū L ⊕	TELEPHONE TERMINAL BOARD: 4' x 8' x ["
	w/ DOUBLE DUPLEX RECEPTACLE & 1 #6
	CONDUIT RUN CONCEALED BELOW FLOC
	HOMERUN TO RESPECTIVE PANEL OR TE
/×	HOMERUN TO RESPECTIVE PANEL OR TE
o	CONDUIT RISER - UP
•	CONDUIT RISER - DOWN
BRAN	CH CIRCUIT WITHOUT FURTHER DESIGNA
	ADDITIONAL NO. OF #12:
	$-\frac{11}{10}$ (-, 2 #10 & 1 #12 GND; $-\frac{11}{10}$ #1
МТ	#10 #12 #4 EMPTY CONDUIT WITH PULLSTRING
EL	EMERGENCY LIGHT
NL	NIGHT LIGHT
SB	LIGHTING CONTROL & DESIGN "SILVER B
(E)	EXISTING
(N)	NEW
(R)	RELOCATE
C.	CONDUIT
WR	WEATHER RESISTANT
FACP	FIRE ALARM CONTROL PANEL
X-Y/CR	,
• TC	SMOKE DETECTOR, MOUNTING AS NOTE
тс ©	TIME CLOCK (LCC) DUCT SMOKE DETECTOR
ш на	FIRE ALARM STROBE UNIT, WALL MOUNT
Ē	FIRE ALARM COMBINATION HORN/STROB
$\begin{pmatrix} 1 \\ E1 \end{pmatrix}$	DETAIL DESIGNATION: TOP NUMBER INDI BOTTOM LETTER/NUMBER INDICATES SH
$\stackrel{\smile}{\bigcirc}$	MECHANICAL & PLUMBING EQUIPMENT D
	NOTE: SYMBOLS INDICATED ABOVE MAY
	APPEAR AS PART OF THESE DRAWINGS I

Concrete Decoment
ELECTRICAL WORK SHOWN
RESPONSIBLE FOR FIELD VEI
AND CONNECTION REQUIRE
ENGINEER IMMEDIATELY OF
PRIOR TO BID. BY SUBMIT
ELECTRICAL CONTRACTOR
VERIFICATION OF EXISTING
ASSUMES FULL RESPONSIBIL
OF THE ELECTRICAL CONTRA
CONSIDERED FOR CONFLIC
AFTER THE AWARD OF THE E

No. 16872 EXP: 03/31/23 CALIFORNIA

JIM PUGA	No.	DATE	BY	REFERENCE	GENERAL NOTE
	1	02.17.23	RPR	ISSUED FOR BID	GENERAL NOTE
RCE NO. <u>E16872</u> EXP. <u>03.23</u>					SYMBOL LIST
CHECKED BY					
JF	4				
DESIGNED BY JL/JP					
DRAWN BY JL/JP					

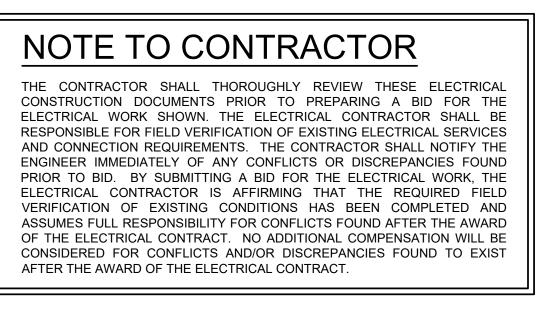
ACE MOUNTED MOUNTED UNO IERGENCY LIGHTS OWS AS SHOWN ACE MOUNTED JNO NO UNIT UNO TED OR AS REQUIRED NNECT TO EQUIPMENT. TACLE, @ +18" UNO ECEPTACLE, @ +18" UNO (RECEPTACLE, @ +18" UNO PACED A MINIMUM 12" APART UNIT LABEL), NUMBER INDICATES HP ROL CENTER, SEE ONE LINE DIAGRAM NG AS NOTED TED EVICE RING & PLATE @ +18" UNO IGLE DEVICE RING & PLATE @ +18" UNO ED FLOOR " PLYWOOD OR AS NOTED GND OOR OR FINISHED GRADE, U.N.O. /ALL, U.N.O. ERMINAL CABINET - OVERHEAD ERMINAL CABINET - UNDERGROUND IATION INDICATES A 2 #12 WIRE CIRCUIT · , 3 #12; —|| (, 2 #12 & 1 #12 GND; . OTHER WIRE SIZES: BULLET" CURRENT LIMITING PANEL.

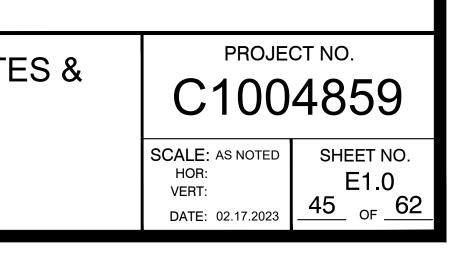
RECEPTACLE CONTROLLED VIA RELAY CONTROL

ΓED OBE UNIT, WALL MOUNTED

DICATES DETAIL, SHEET DESIGNATION

Y NOT NECESSARILY S IF NOT REQUIRED.



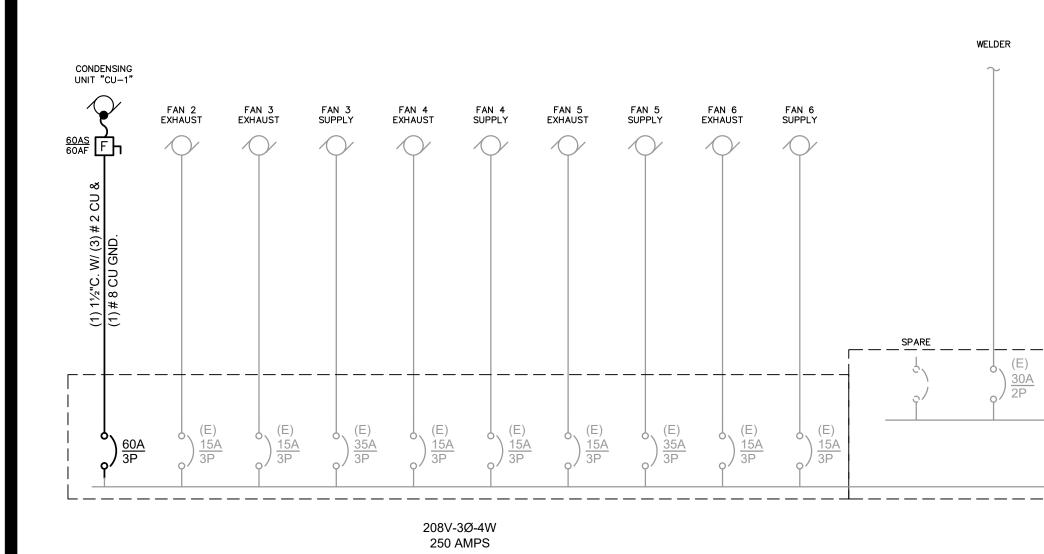




130 Twitchell Island Rd., West Sacramento, CA T/F - 916.371.3202 T/F - 916.371.3202 442 Livingston Avenue, Placentia, CA 92870 T - 916.826.1825





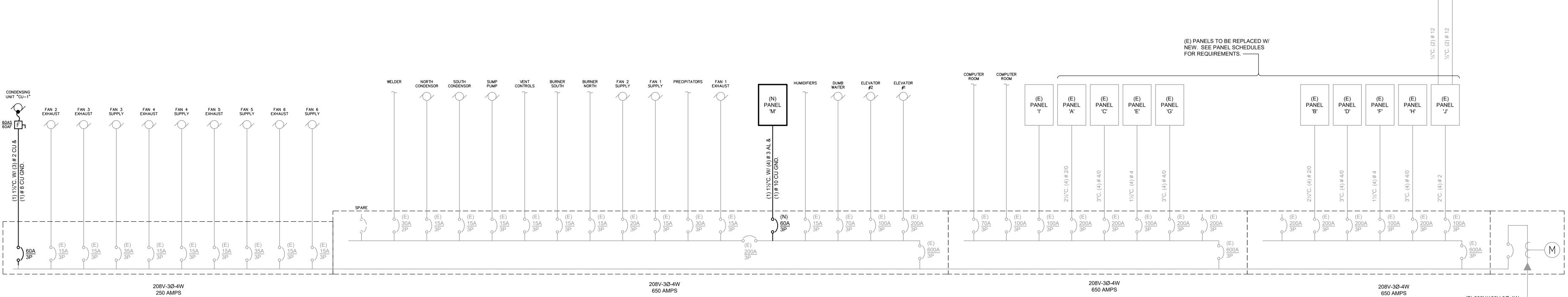


CITY OF OAKLAND DEPARTMENT OF ENGINEERING & CONSTRUCTION 250 FRANK H. OGAWA PLAZA SUITE 4314 OAKLAND, CA 94612 (510) 238-3437

OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET



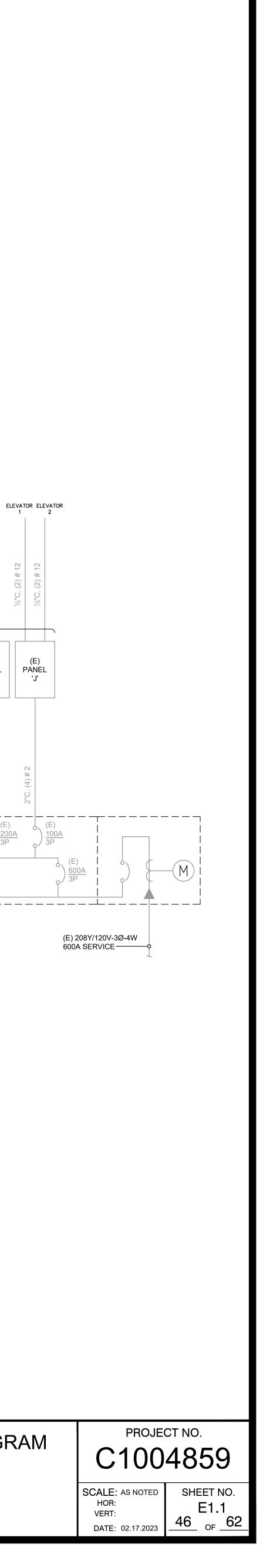






JIM PUGA	No.	DATE	BY	REFERENCE	ONE-L
	1	02.17.23	RPR	ISSUED FOR BID	
RCE NO. <u>E16872</u> EXP. <u>03.23</u>					
CHECKED BY					
DESIGNED BY JL/JP					
DRAWN BY JL/JP					

LINE DIAGRAM



■ N				1		" A	"		AIC:		TO MATCH EXIS	STIN
VOL	TAGE: 2	08Y/120	V-3Ø-4W						MAIN:		MLC	
BUS	3:		200A	MOUNT	TING:		RE	CESSED	LOCATI	ON:	BASEMENT HALI	LWA
CKT NO.	LOAD DESCRIPTION	ØA \	/OLT-AMPER	RES ØC	СВ	BUS	CB C		OLT-AMPERI	ES ØC	LOAD DESCRIPTION	CKT
1	ROOMS 24, 25, & 26	¥^	- vo	P C	20	Î	$\frac{1}{1}$	¥0	¥0	ΨC	ROOM 23 SOUTH	
	ROOM 23 CENTER				20	++					ROOM 23 NORTH	
	ROOM 26				201	++-					ROOMS 28, 30, & 31	
7	ROOM 21 SE				201	++-	+297				ROOM 21 SW	
9	ROOMS 20, 21 N, 105				201	++	+201				AUDITORIUM	1
11	AUDITORIUM				201	++-					ROOMS 18 & 19	1
13	SW STACKROOM				20 1	++-					W STACKROOM RECS	1
15	W STACKROOM RECS				201	++	+27				SW STACKROOM RECS	1
17	EXIT LIGHTS				201	++	+201				LOAD	1
19	NW STACKROOM				20 1	++					NW STACKROOM	2
21	MODULAR CUBICLE				20 1	++	+201				FIRE ALARM	2
23	FIRE ALARM				20 1	++					ROOMS 23, 26, 27, & 31 RECS	2
25	MODULAR CUBICLE				20 1	++-	+201				W AUDITORIUM N & E WALL RECS	2
27	W AUDITORIUM S WALL RECS				20 1	++	+27				ROOMS 20 & 21 RECS	2
29	SERVICE ENTRANCE				20 1	++-					COPIER	3
31	LOAD				20/1	++-	+27				1ST FLR RECS ABOVE SERV ENTR	
33	LOADING DOCK/STORAGE RECS		900		20/1	++	+27		900		ROOM 23 RECS	3
	FAN COILS "FC-1" - "FC-4"				20 1	++-				900	ROOM 23 RECS	3
37	\checkmark				20/1	++-	+27				SPARE	3
	FAN COILS "FC-5" - "FC-8"				20 1	++	+ 40/		3,600		EV CHARGER	4
41	\checkmark				20/1	++-	+ / 2			3,600		4
SUB	TOTAL	-	-	-				-	-	-	SUBTOTAL	
тот	AL VOLT-AMPERES/PHASE:	Q	ðA = -			ØB	5 = -		· · · · · ·	ØC = -	•	

N N						"	711			AIC:		TO MATCH EXIST	ΓING
VOL	TAGE:	′-3Ø-4W							MAIN:			MLO	
BUS):	MOUNTING: RECESSED I						LOCATIO	ON:	1ST FLOOR HALL	WAY		
ŠČT ŠČT	LOAD DESCRIPTION		DLT-AMPER		СВ		JS	СВ		OLT-AMPER		LOAD DESCRIPTION	5Å1
1	MAIN LOBBY - PENDANTS	øA 384	øВ	¢C	1 P 20			Ι_ <u></u> 20_1	øa 1,260	øВ	ØC	ROOM 111 EXTERIOR WALL RECS	2
3	MAIN LOBBY - OUTLINE	004	970		20	\square		20	1,200	864		NW LOWER LOBBY LTG	4
5	ROOM 111 LTG - NE		570		20		LL.	20				LIGHTING CONTROL PANEL "LCC2"	6
7	ROOM 111 LTG - E	1,440			20			20				SPARE	8
9	ROOM 111 LTG - SE	1,110	1,440		20	\square	Ц	20				SPARE	10
11	ROOM 112 LTG - SE		1,110	1,440	20		⊢	20				SPARE	12
13	SPARE				20	+		20				SPARE	1
15	SPARE				20	\square	Щ	20				SPARE	1
17	SPARE				20	+	\vdash	20				SPARE	1
19	SPARE				20	+	\vdash	20				SPARE	2
21	SPARE				20	$ \rightarrow $	\vdash	20				STACK ROOM - WEST	2
23	STACK ROOM - WEST				20	+	\vdash	20				SPARE	2
25	CENTRAL HALL - SOUTH				20	+	\vdash	20				ROOM 108	2
27	CENTRAL HALL - WEST				201	+	\vdash	201				ROOM 112 - SOUTH RECS	2
29	MAP ROOM COLUMN RECS				201	+	┝╋	201				ROOM 112 - NORTH RECS	3
31	HISTORY CASE				201	+-	\vdash	201				ROOM 111 - COLUMN RECS	3
33	ROOM 111 - COLUMN RECS				20 1	+	\vdash	20 1				ROOM 108 RECS	3
35	COMP. LAB MOTION DETECTOR				201	+	┝╋	20 1				STACK ROOM RECS	3
37	SPARE (VERIFY)				201	+	┝╼┾╴	201	540			CONF ROOM 126 RECS	3
39	SPARE				201	+-+	\vdash	20 1			667	SUPPLY FAN "SF-1"	4
41	SPARE				20 1	+	┝╋	20 1				SPARE	4
SUB	TOTAL	-	-	-					-	-	-	SUBTOTAL	
гот	AL VOLT-AMPERES/PHASE:	. Ø	A = -	1		Q	ðв =	-			ØC = -	1	
	AL DESIGN VOLT-AMPERES: -										AMPS =		

N N						"	="			AIC:		TO MATCH EXIS	ΓING
VOL	TAGE: 2	08Y/120V	/-3Ø-4W							MAIN:			MLO
BUS	:		100A	MOUNT	ING:			REC	ESSED	LOCATI	ON:	MEZZAI	NINE
ъ К К	LOAD DESCRIPTION	V	OLT-AMPER	ES	СВ	в	US	СВ	V	OLT-AMPER	ES	LOAD DESCRIPTION	т с Хск
υz		ØA	øB	øC	Γſ	Α	вС	Ţρ	ØA	ØB	ØC		νz
1	MEZZANINE STACK RM 'A' LTG - W				20/1	+	++	20 1				MEZZANINE STACK RM 'A' LTG - W	2
3	MEZZANINE STACK RM 'A' LTG - W				20/1	-┣	╋┼┾	201				MEZZANINE STACK RM 'A' LTG - W	4
5	MEZZANINE STACK RM 'A' LTG - W				20/1	1+-	┢╋	201			768	MEZZANINE LTG - W	6
7	SPARE				201	1+	++	201				MEZZANINE W RECS	8
9	READING ROOM RECS		540		201	1+-	┢┼┼	201				MEZZANINE STACK RM 'B' LTG- W	10
11	MEZZANINE STACK RM 'B' LTG- W				20/1	1+-	╄╋	201				MEZZANINE STACK RM 'B' LTG- W	12
13	MEZZANINE STACK RM 'B' LTG- W				20	1+	++	201				LOAD	14
15	LOAD				20/1	1-	┢┥┝	201				LOAD	16
17	MEZZANINE W RECS			540	20/1	∔_	╄╋	20 1				SPARE	18
SUB	TOTAL	-	-	-					-	-	-	SUBTOTAL	
тот	AL VOLT-AMPERES/PHASE:	Ø	A = -		-	Ç	ØB =	-			ØC = -		
тот	AL DESIGN VOLT-AMPERES: -										AMPS =	-	

						"G'	ł		AIC:		TO MATCH EXIS	TING
VOL	TAGE: 2	08Y/120V	/-3Ø-4W			G			MAIN:			MLC
BUS	:		200A	MOUN	TING:		REC	ESSED	LOCAT	TION:	2ND FLOOR HALL	WA
¥3.	LOAD DESCRIPTION	VC ØA	DLT-AMPER ØB	RES ØC	СВ	BUS A B C	CB I_P	ØA	OLT-AMPE	RES ØC	LOAD DESCRIPTION	КТ
1	ROOM 223 - SE				20 1	+	- 20/1	PA			ROOM 223 - SW	2
3	ROOM 223 - CENTER E				201	┽┿┼	- 20 1				ROOM 223 - CENTER W	4
5	ROOM 223 - NE				20 1	┽┼┿	- 201				ROOM 223 - NW	6
7	ROOMS 231 & 232				201	+++	- 20 1				ROOMS 229 & 230	8
9	ROOM 226 - S			1	201	┼┿┼	- 20 1				ROOM 226 - CENTER	10
11	ROOMS 226, 227, & 228				201	+++	- 20 1				ROOM 225 - S	12
13	ROOM 225 - N			1	201	+++	- 20 1				ROOM 224	14
15	ROOMS 219, 220, & 222				201	╇╋	- 201				STOCKROOM W	16
17	STOCKROOM W				201	+++	- 20 1				STOCKROOM W	18
19	STOCKROOM W				201	+++	- 201				ROOM 223 - S RECS	20
21	ROOM 223 COLUMN RECS				201	+++	- 20 1				ROOMS 231, 232, & 233 RECS	22
23	ROOMS 230, 231, & 232 RECS				201	+++	- 20 1				ROOMS 229 & 230 RECS	24
25	ROOM 225 RECS				201	+++	- 20 1				ROOM 224 STAFF WALL RECS	26
27	ROOMS 219 & 220 RECS				201	┼┿┼	- 20 1				ROOMS 225 & 226 RECS	28
29	ROOMS 225 & 226 RECS				201	+++	- 201				ROOMS 226 RECS	30
31	2ND FL. STOCKROOM MEZZ - W			1	201	+++	- 20 1				2ND FL. STOCKROOM MEZZ - W	32
33	2ND FL. STOCKROOM MEZZ - W				201	┶╋┽	- 201				2ND FL. STOCKROOM MEZZ - W	34
35	EAST FAN ROOM				201	+++	- 20 1				WEST FAN ROOM	36
37	EAST FAN ROOM RECS				20 1	┿┽┽	- 201				WEST FAN ROOM RECS & EXIT LTS	38
39	STACK ROOM 2M RECS & EXIT LTS				201	┼┿┼	- 20 1				STACK ROOM 2 RECS	4(
41	ROOM 218B / 224 RECS			900	201	+++	- 20 1			900	ROOM 218A / 218B RECS	42
SUB	TOTAL	-	-	-				-			SUBTOTAL	
ГОТ	AL VOLT-AMPERES/PHASE:	Ø	A = -	I	<u> </u>	ØB =	= -		1	ØC = -	1	
	AL DESIGN VOLT-AMPERES: -									AMPS =		

1 🔳 1									AIC:		TO MATCH EXIST	ING
vo	LTAGE: 20	8Y/120\	/-3Ø-4W			J			MAIN:		I	MLO
BU	S:		100A	MOUN	TING:		REC	ESSED	LOCAT	10N:	BASEMENT HALLV	NAY
т. ХС	LOAD DESCRIPTION	V	OLT-AMPER	RES	СВ	BUS	СВ	v	OLT-AMPE	RES	LOAD DESCRIPTION	Т Х К Т
υz		ØA	øB	ØC	I/P	ABO		ØA	ØB	ØC		υz
1	GND FLOOR W/SW CORRIDORS				20 1	++-	- 20/1				GROUND FLOOR RESTROOMS	2
3	GND FLOOR E/SE CORR/SERV ENTR				20 1	╶┼╼╋╼┥	- 20/1				PANEL J PASSAGE WAY	4
5	SPARE				201	+++	- 20 1				SPARE	6
7	W ENTRANCE WINDOWS				20 1	╋╋╋	- 20/1				GND FRONT STRS/1ST FLR LOBBY	8
9	1ST & 2ND FLOOR EXIT LTS				20 1	╶┼╼╋╼┥	- 20 1				1ST & 2ND FLOOR EXIT LTS	10
11	2ND FLR E CORR/HALL/WOMEN RR				20 1	+++	- 20 1				HALL STAIRS MEZZ/2ND FLR/ATTIC	12
13	MAIN ENTRANCE/2ND FLOOR LTG				20 1	╋╋╋	- 20 1				2ND FLOOR CORRIDOR ENTRANCE	14
15	SPARE				20 1	╶┼╌╋╌┥	- 20 1				SPARE	16
17	ELEVATORS - FRONT/STACKS				20 1	╉╋╋	- 20-1				MEZZANINE BALCONY/RESTROOMS	18
19	SPARE				20 1	╉╋	- 20-1				CASH REG / ANSWERING MACHINE	20
21	SPARE				20 1	╶┼╼╋╼┥	- 201				SPARE	22
23	SPARE				20 1	+++	- 20-1				2ND FLR W CORR/MEN'S RR/PASSG	24
25	SPARE				20/1	╋╋╋	- 20/1				SPARE	26
27	SPARE				20/1	╶┼╾╋╾┥	- 201				SPARE	28
29	SPARE				20 1	╉╋					SPARE	30
SU	BTOTAL	-	-		-			-	-	-	SUBTOTAL	
то	TAL VOLT-AMPERES/PHASE:	Ø	A = -	1	-	ØB	= -		1	ØC = -	1	



1629 Telegraph Avenue Oakland, CA 94612 Tel 510 272 0654

130 Twitchell Island Rd., West Sacramento. T/F - 916.371.3202 442 Livingston Avenue, Placentia, CA 92870 T - 916.826.1825





N						"	२ "	1		AIC:	
VOL	TAGE:	208Y/120V-	-3Ø-4W				D			MAIN:	
BUS	S:		200A	MOUNT	ING:			RECI	ESSED	LOCAT	0
CKT NO.	LOAD DESCRIPTION	VO	LT-AMPER	ES	СВ	в	US	СВ	V	ULT-AMPER	ES
òž	LOAD DESCRIPTION	ØA	øB	ØC	Ţρ		вс	IA	ØA	ØB	Γ
1	ROOM 39 SOUTH				20/1	+	++	- 20 1			
3	ROOM 39 CENTER				20/1	+	┢┼┟	- 201			Γ
5	ROOMS 33 & 34				20/1	+	╄	- 20/1			Γ
7	ROOM 1 SE				20/1	┿─	+	- 201			Γ
9	ROOM 1 W				20/1		┢┼	- 201			Γ
11	ROOMS 2, 3, & 4				20/1		┼╺┝	- 20 1			Γ
13	ROOM 5				25/1	┿	++	- 20 1			Γ
15	STAIRWELL LTG				20/1		┢┼┝	- 201			Γ
17	SE STACKROOM				20/1		┼╋	- 20 1			Г
19	NE STACKROOM & RECS 1, 2, & 3	1 1			20/1	∔	\square	- 20 1			Γ
21	NE STACKROOM RECS				20/1	+	┢┼┟	- 20 1			T
23	E STACKROOM RECS				20/1		┝┝	- 201			T
	ROOMS 32, 33, & 34 RECS				20/1	┥╇		20/			t
27	SUBPANEL "B1"				90 /		┢┼┝	- 2			T
29					\top	+	╞╴┥	- 20 1			t
31					/ 3	∔_	\square	201			T
	CHILDREN'S SERVICES RECS		720		20/1	_	┢┼┟	- 201		800	T
35	CHILDREN'S RDNG/AQUIS RECS			900	20/1	+-	╞╴┥	201			T
37	MAIL RECS	1,080			20/1	┥╇		- 20 1			t
	BOILER ROOM REC	,	180		20/1		┢┼╽	201			F
41					20/1	+	╀╄	201			
SUB	TOTAL	-	-	-					-	-	
тот	AL VOLT-AMPERES/PHASE:	ØA	<i>۱</i> = -			Ş	ØB =	= _			ø
	AL DESIGN VOLT-AMPERES: -										A

N									AIC:	
VOL	.TAGE: 20	08Y/120V	-3Ø-4W						MAIN:	
BUS	5:		200A	MOUNT	ING:		RE	CESSED	LOCATI	C
CKT NO.	LOAD DESCRIPTION	vo	LT-AMPER	ES	СВ	BUS	СВ	v	OLT-AMPER	(E)
υz		ØA	øВ	ØC	ΓP	A B			øВ	Γ
1	ROOM 101 LTG - NW	1,440			20/1	++	$+2^{2}$	1 100		L
3	ROOM 101 LTG - W		1,440		20 1	++	+2	1	1,260	
5	ROOM 101 LTG - SW			.,	20/1	++	+ 20	1		L
7	ROOM 112 LTG - SW	1,440			20/1	++	+2	1 784		
9	PASSAGEWAY LTG		230		20 1	++	+22	1		
11	READING ROOM REC				20 1	++	+ 20	1		
13	SPARE				20 1	++	+29	1		Γ
15	SPARE				20/1	++	+ 29	1		Γ
17	SPARE				20 1	++	<u>→</u> 29	1		Γ
19	STOCK ROOMS - EAST				20 1	++	+ 29	1		Γ
21	STOCK ROOMS - EAST				20 1	++	+ 29/	1		t
23	RMS 103 - 106 & M / OFFICE				20 1	++	↓ 29∕	1	[t
25	CENTER HALL - SOUTH TELEPHONE				20 1	++	+ 29/	1	[T
27	ROOM 112 COLUMN RECS				20 1	++	+ 29/	1		t
29	ROOM 112 RECS - NORTH				20	++	↓ 20	1		t
31	ROOM 101 RECS - NORTHEAST				20	++	120	1 400		t
33	ROOM 101 RECS - NORTHEAST COL				20	++	- 29	1		t
35	COPY MACHINE				20	++	↓ 29	1		t
37	SPARE				20	++	129	1		t
	STACK ROOM RECS				20	++	<u> </u>	1		t
41					20	++	↓ 20	1		t
SUE	TOTAL	-	-	-				-	-	T
тот	AL VOLT-AMPERES/PHASE:	Øł	A = -			Ø	3 = -			Q
тот	AL DESIGN VOLT-AMPERES: -									A

■ N							_ ''			AIC:	
VOL	.TAGE: 2	08Y/120\	/-3Ø-4W							MAIN:	
BUS	S:		100A	MOUNT	ING:			REC	ESSED	LOCAT	101
CKT NO.	LOAD DESCRIPTION	V	OLT-AMPER	ES	СВ	E	sus	СВ	V	OLT-AMPER	RES
υz		ØA	øВ	øC	Ţ	A	вС	IP	ØA	øB	
1	MEZZANINE STACK RM 'A' LTG - E				20/1	+-	++	20/1			
3	MEZZANINE STACK RM 'A' LTG - E				20/1	1+-	╋┼╋	201			
5	MEZZANINE LTG - E			768	20/1	1+	╄╋	20			
7	MEZZANINE E RECS	540			20/1	1+	╉╋╋	20/1			
9	MEZZANINE STACK RM 'B' LTG- E				20/1	1+	╋┼╋	20/1			
11	MEZZANINE STACK RM 'B' LTG- E				20/1	1+	╄╋	201			
13	2ND FL. ACCOUNTING OFFICE RECS				20/1	∔-	┿	201			
15	COMPUTER REC				20/1	1+	╋┼	20 1			
17	SPARE				20/1]∔-	╋	20/1			
SUB	BTOTAL	-	-	-					-	-	
тот	AL VOLT-AMPERES/PHASE:	Ø	A = -				ØB =	-			Ø
тот	AL DESIGN VOLT-AMPERES: -										A

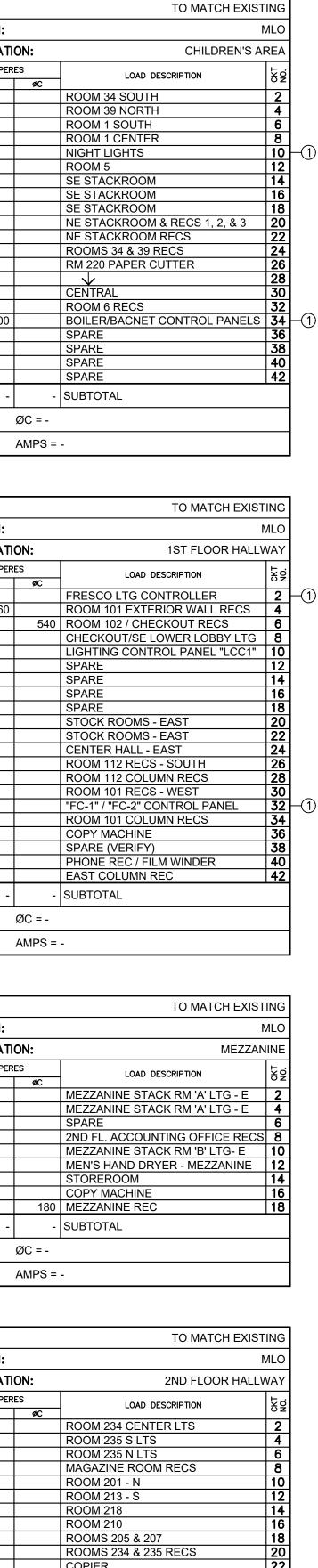
1	Γ	N						"Н			AIC:		
		VOL	TAGE: 20)8Y/120	V-3Ø-4W			П			MAIN:		
		BUS	5:		200A	MOUN	TING:		REC	CESSED	LOCAT	ION:	
		CKT NO.T	LOAD DESCRIPTION		VOLT-AMPER	ES	СВ	BUS	СВ	v	OLT-AMPE	₹ES	Γ
		ΰž		ØA	øВ	ØC	ΓP	AB		ØA	ØB	ØC	
		1	ROOM 234 S LTS				20 1	++-	$+ \frac{20}{1}$				
		3	ROOM 234 N LTS				20 1	++-	-22				
		5	ROOM 23 CENTER LTS				20 1	++-					
		7	ROOM 236 / 237 LTS				20 1	++-	+20/1				
		9	ROOMS 201 & 203				20 1	++-					
		11	ROOM 213 - N				20 1	++-					
		13					20 1	++-					
		15	ROOMS 211 & 212				20 1	++-					
		17	ROOM 209				20 1	++-	20/1				
		19	ROOMS 204, 206, & 208				20 1	++-					
		21	CHECKPOINT				20 1	++	-201				
		23	ROOM 236 RECS				20 1	++-					
	Γ	25	ROOMS 210, 212, & 213 RECS				20 1	++-					
	Γ	27	ROOMS 209 & 210 RECS				20 1	++	$+20_{1}$				Γ
		29	ROOMS 201 & 236 RECS				20 1	++					Γ
	Γ	31	2ND FLOOR STOCKROOM				20 1	++-	-201				Γ
		33	2ND FLOOR STOCKROOM				20 1	++-	$-\frac{29}{1}$				
	Γ	35	2ND FLOOR MEZZANINE STOCKRM				20 1	++-					
1	-1) (1)-[37	EXIT LIGHTS				20 1	++-	-20^{-1}				Γ
	Ŭ Ŭ	39	LOAD				20 1	++-	+297	800			
		41	CONFERENCE/FINANCE SERV RECS			360	$) \frac{20}{1}$	++-				720	Γ
		SUB	BTOTAL	-	-		-			-	-	-	Ś
1	ŀ	тот	AL VOLT-AMPERES/PHASE:	\$	ðA = -		_1	ØB	= -	1	1	ØC = -	
1	Ē	тот	AL DESIGN VOLT-AMPERES: -									AMPS = ·	-

						"M			AIC:		TO MATCH EXIS	TING
VO	_TAGE: 2	208Y/120V	′-3Ø-4W			IV			MAIN:			MLO
BU	S:		100A	MOUNT	ING:		REC	CESSED	LOCATI	ON:	STORAGE ROOM	125A
т. К	LOAD DESCRIPTION	VC	LT-AMPER	ES	СВ	BUS	СВ	V	OLT-AMPER	ES	LOAD DESCRIPTION	CK1
٥z	EGAD DESCRIPTION	ØA	øВ	ØC	J	ΑB		ØA	ØB	ØC		
1	EAST FAN 1	1,200			20/1	++	+201				SPARE	2
3	EAST FAN 2		1,200		20/1	╎┼╼┿╴	$+20_{1}$		1,200		WEST FAN 1	4
5	SOUTH FAN 1			1,200	20/1	┥┽┽				1,200	WEST FAN 2	6
7	SOUTH FAN 2	1,200			20/1	╵┿╌┼╴	+15	300			MEZZANINE 'A' FANS	8
9	ROOM 217 FANS		400		15	╵┽╌┿╴	+15		300		MEZZANINE 'B' FANS	10
11	ROOM 218 FANS			800	15	╉╋					SPARE	12
13	SPARE				20/1	┥┽┼╴	+297				SPARE	14
15	SPARE				201	╎┽┿	+201				SPARE	16
17	SPARE				20/1	┥┽┼	+ 20/1				SPARE	18
SUE	STOTAL	2,400	1,600	2,000				300	1,500	1,200	SUBTOTAL	
тот	AL VOLT-AMPERES/PHASE:	Ø	A = 2,700)		ØE	3 = 3,10	0		ØC = 3,2	00	
тот	AL DESIGN VOLT-AMPERES: 9,000									AMPS =	25	

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

OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS

125 14TH STREET



 ROOM 201 - N
 10

 ROOM 213 - S
 12

 ROOM 213 - S
 12

 ROOM 218
 14

 ROOM 210
 16

 ROOMS 205 & 207
 18

 ROOMS 207 & 203 RECS
 20

 COPIER
 22

 ROOMS 207 & 203 RECS
 24

 ROOMS 207 & 203 RECS
 26

 ROOMS 201, 208, & 209 RECS
 28

 ROOM 201 RECS
 30

 2ND FLOOR STOCKROOM
 32

 2ND FLOOR MEZZANINE STOCKRM
 34

 2ND FLOOR MEZZANINE STOCKRM
 36

 LOAD
 38

 "FC-3" - "FC-6" CONTROL PANELS
 40

 720
 ROOM 218 COLUMN RECS
 42

 - SUBTOTAL



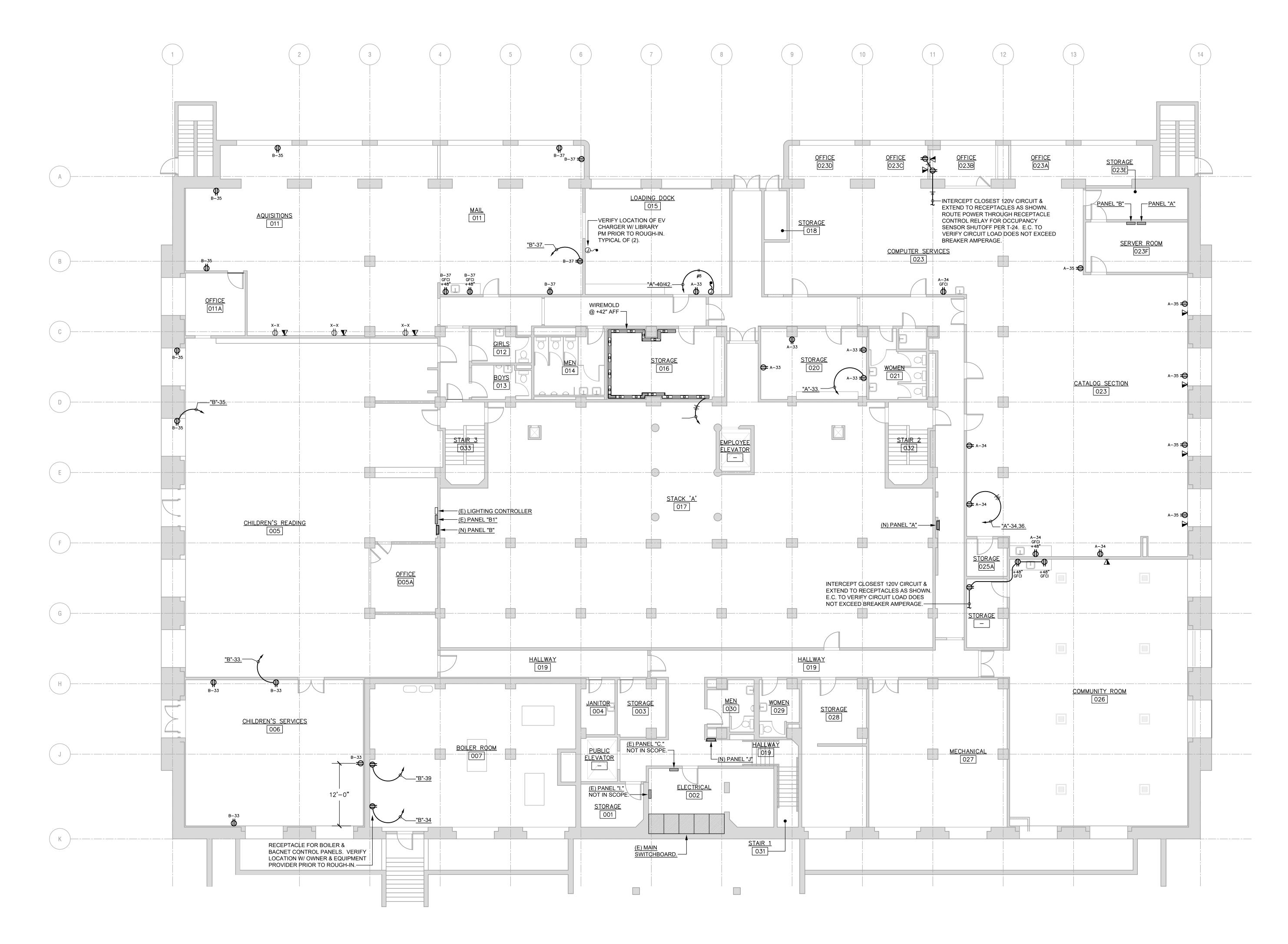
						_
JIM PUGA		No.	DATE	BY	REFERENCE	
		1	02.17.23	RPR	ISSUED FOR BID	
RCE NO. E16872	EXP. 03.23					
CHECKED BY	JP					
	01					
DESIGNED BY	JL/JP					
DRAWN BY	JL/JP					

GENERAL NOTES

- 1. EXISTING PANEL LOCATIONS TO REMAIN.
- 2. EC TO REPLACE EXISTING PANEL INTERIORS W/ NEW. BUS & SPACES TO BE AS SHOWN.
- 3. IF NEW INTERIOR DOES NOT FIT IN EXISTING PANEL CAN, COORDINATE W/ PM & LIBRARY REPRESENTATIVE FOR RESOLUTION.
- 4. LOAD DESCRIPTIONS SHOWN TAKEN FROM EXISTING PANELS. EC SHALL PROVIDE TYPED, UPDATED SCHEDULES AFTER COMPLETION.
- 5. NO PANEL SCHEDULE AVAILABLE FOR PANEL 'E'. EC TO PROVIDE PANEL SCHEDULE W/ LOAD DESCRIPTIONS AS BEST AS POSSIBLE.
- 6. BREAKERS W/ INDICATED LOCK-ON DEVICE DETERMINED FROM EXISTING PANEL SCHEDULES. EC SHALL VERIFY SHOWN & PROVIDE ADDITIONAL LOCK-ON DEVICES WHERE NECESSARY.
- 7. EC SHALL VERIFY PANEL FEEDERS ARE CAPABLE OF ACCEPTING NEW LOADS.

PANEL SCHEDULES









130 Twitchell Island Rd., West Sacramento, CA T/F - 916.371.3202 T/F - 916.371.3202 442 Livingston Avenue, Placentia, CA 92870 T - 916.826.1825

1629 Telegraph Avenue Oakland, CA 94612 Tel 510 272 0654



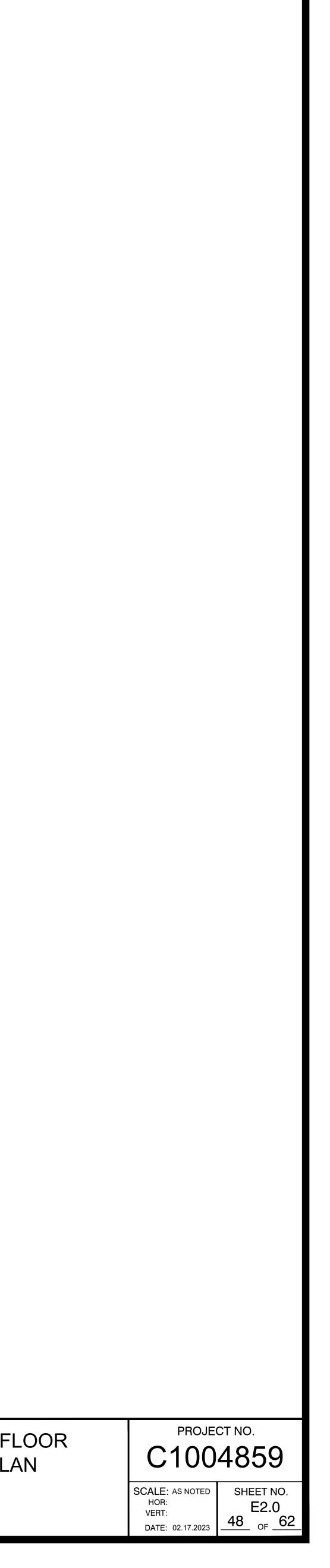
OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

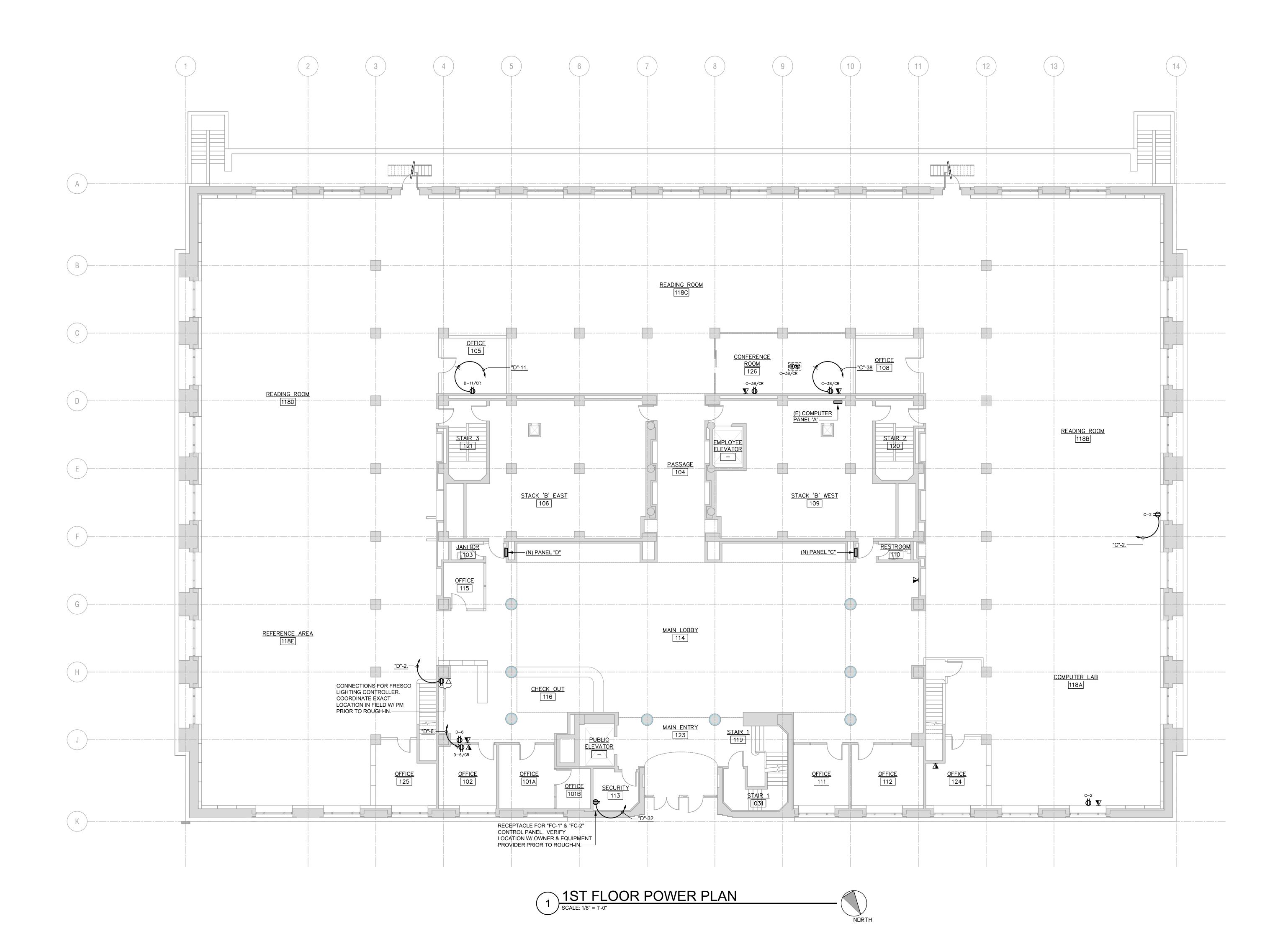
GROUND FLOOR POWER PLAN SCALE: 1/8" = 1'-0"





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







3130 Twitchell Island Rd., West Sacramento, CA 956 T/F - 916.371.3202 442 Livingston Avenue, Placentia, CA 92870 T - 916.826.1825

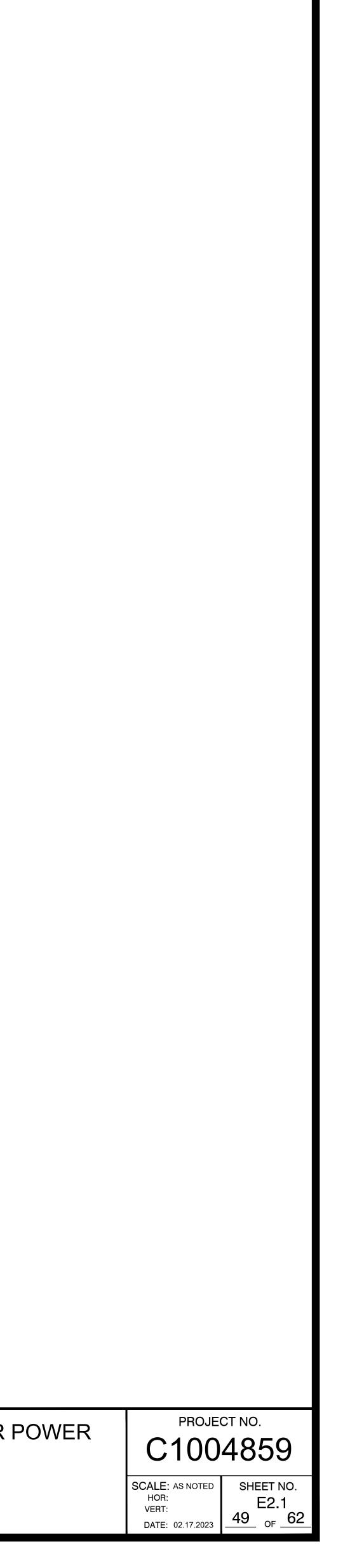


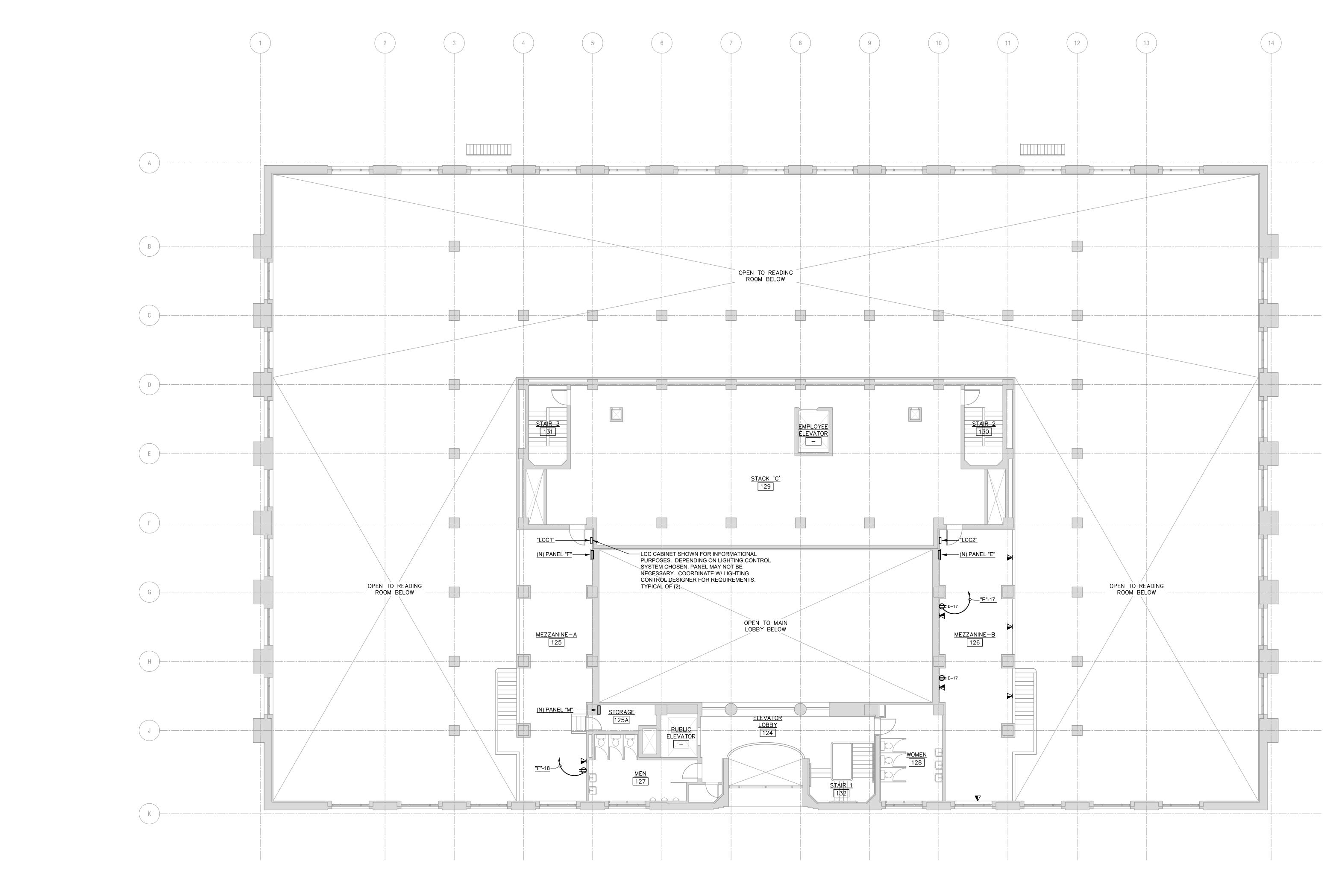


OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET



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







3130 Twitchell Island Rd., West Sacramento, CA 956 T/F - 916.371.3202 442 Livingston Avenue, Placentia, CA 92870 T - 916.826.1825

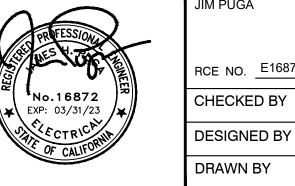




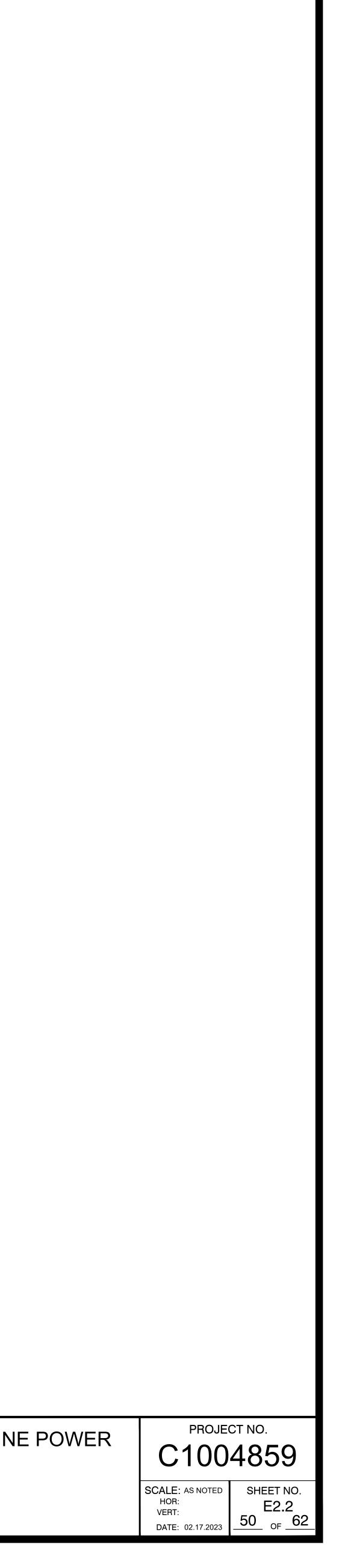
OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

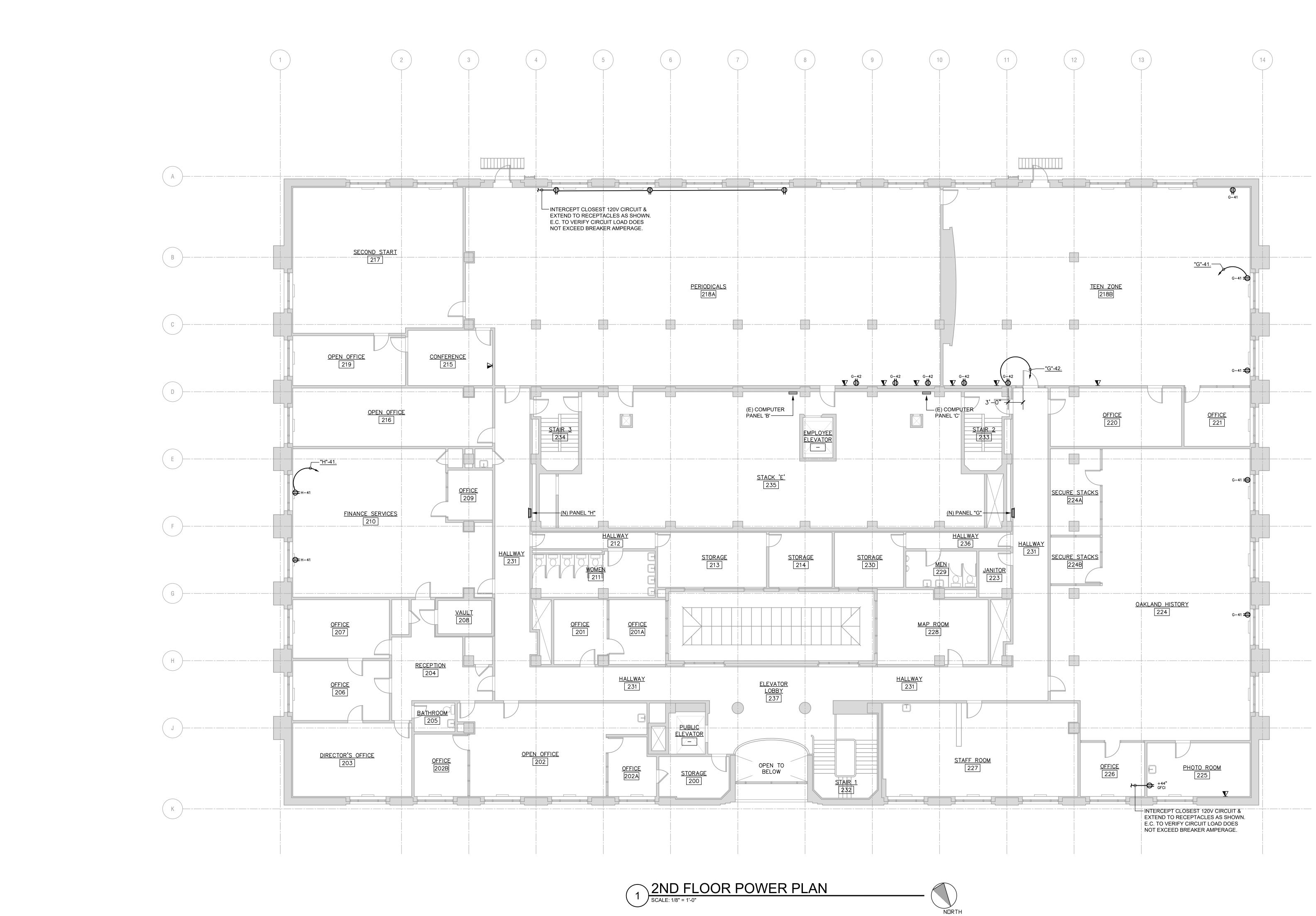
MEZZANINE POWER PLAN SCALE: 1/8" = 1'-0"





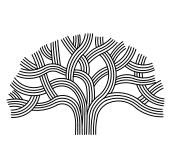
M PUGA	No.	DATE	BY	REFERENCE	MEZZANIN
	1	02.17.23	RPR	ISSUED FOR BID	
CE NO. <u>E16872</u> EXP. <u>03.23</u>					PLAN
HECKED BY					
JP					
ESIGNED BY					
JL/JP					
RAWN BY					
JL/JP					







130 Twitchell Island Rd., West Sacramento, CA 50 Twitchell Island Rd., West Sacramento, CA 95 T/F - 916.371.3202 442 Livingston Avenue, Placentia, CA 92870 T - 916.826.1825





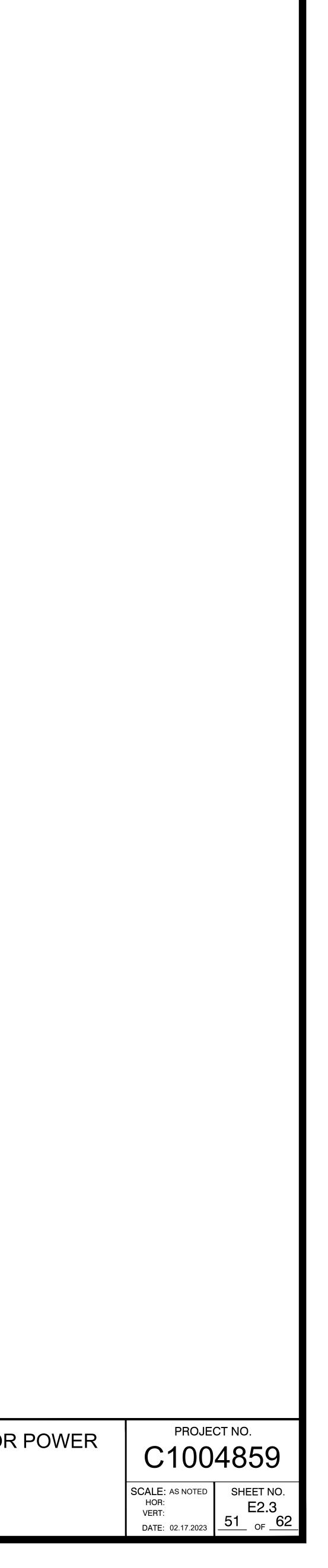
CITY OF OAKLAND DEPARTMENT OF ENGINEERING & CONSTRUCTION 250 FRANK H. OGAWA PLAZA SUITE 4314 OAKLAND, CA 94612 (510) 238-3437

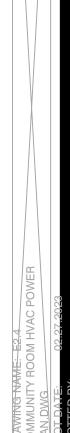
OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

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

PREE No.16872 ★ EXP: 03/31/23 • EXP: 03/31/23 • ECTRICA

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







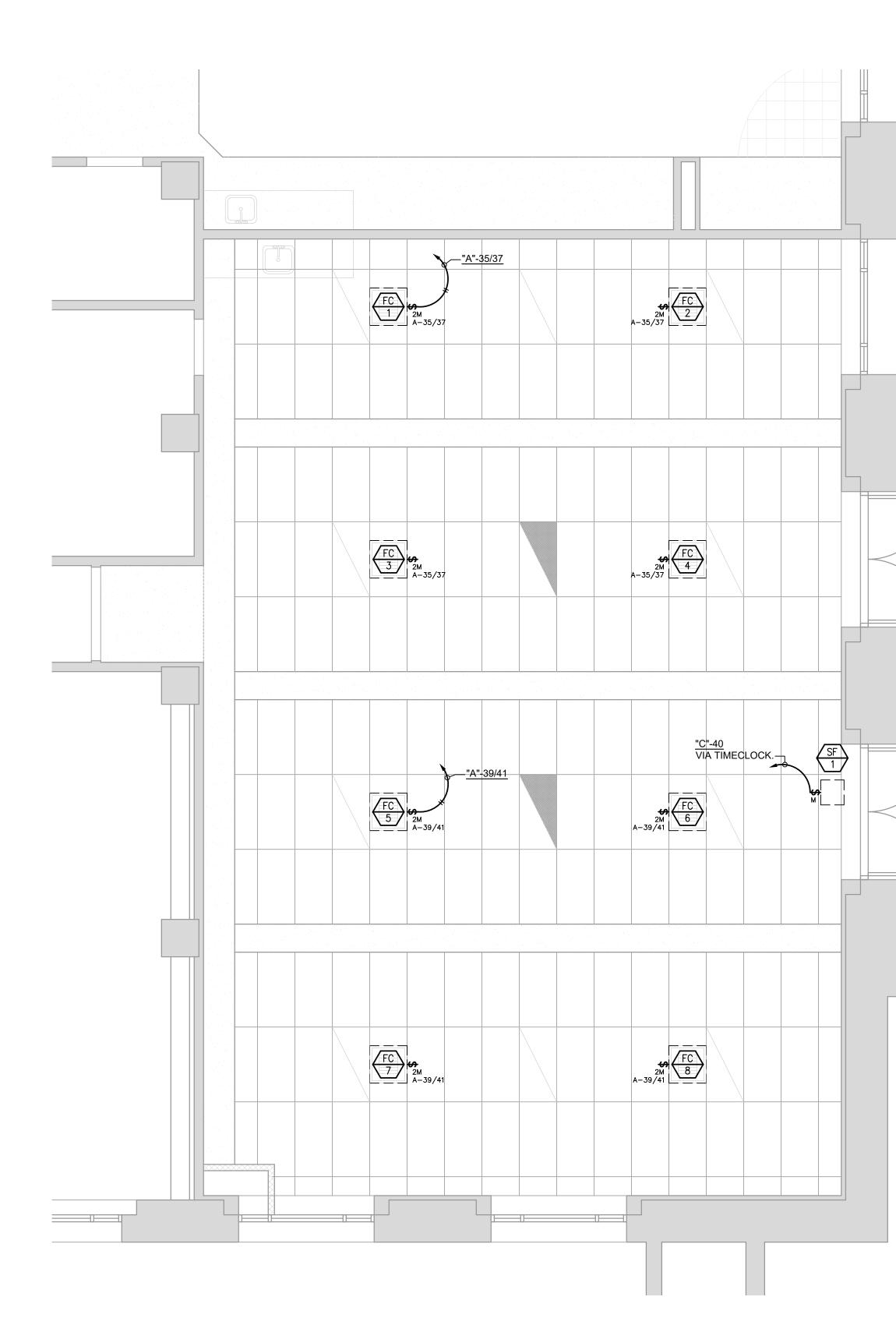
130 Twitchell Island Rd., West Sacramento. CA T/F - 916.371.3202 442 Livingston Avenue, Placentia, CA 92870 T - 916.826.1825



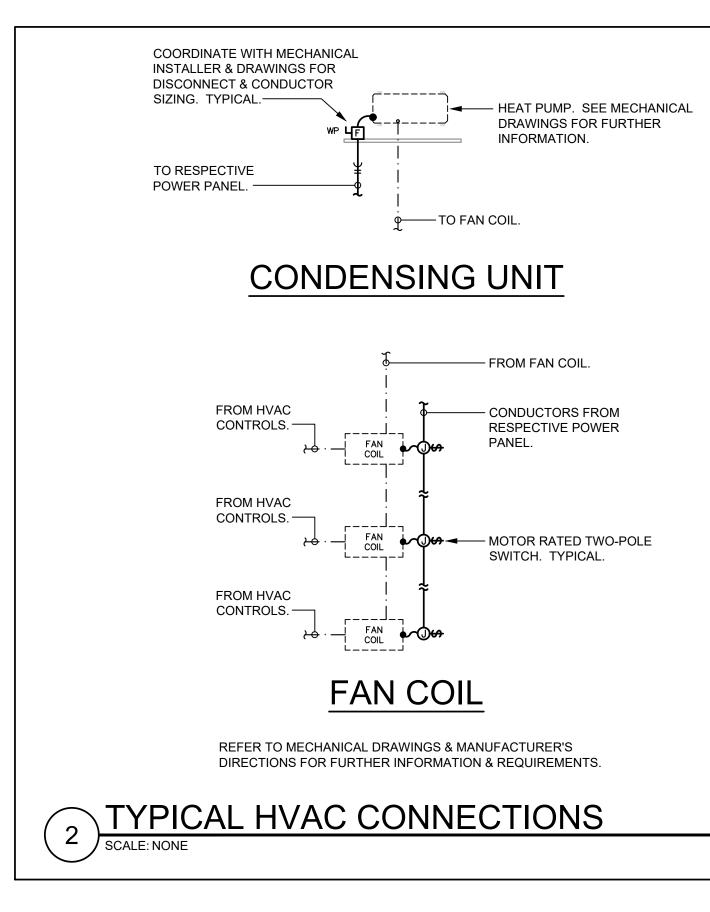


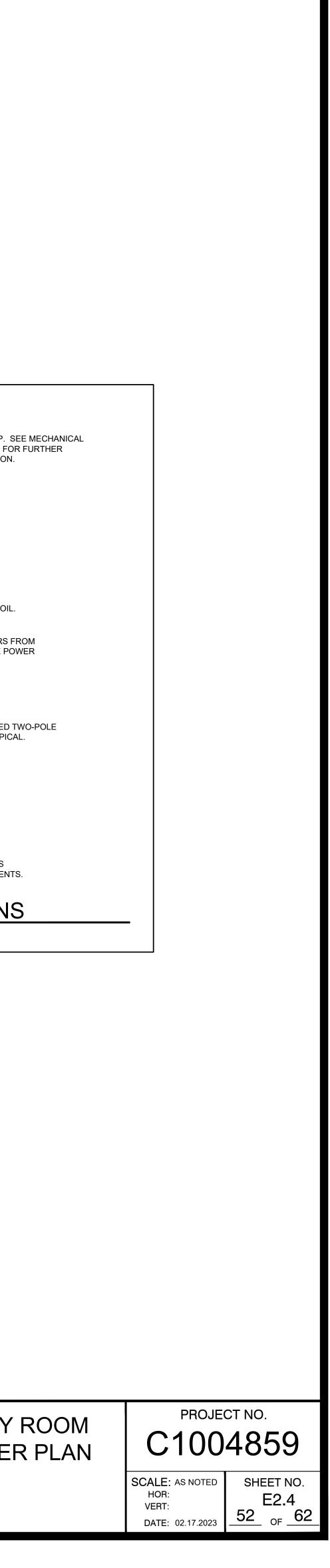
OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

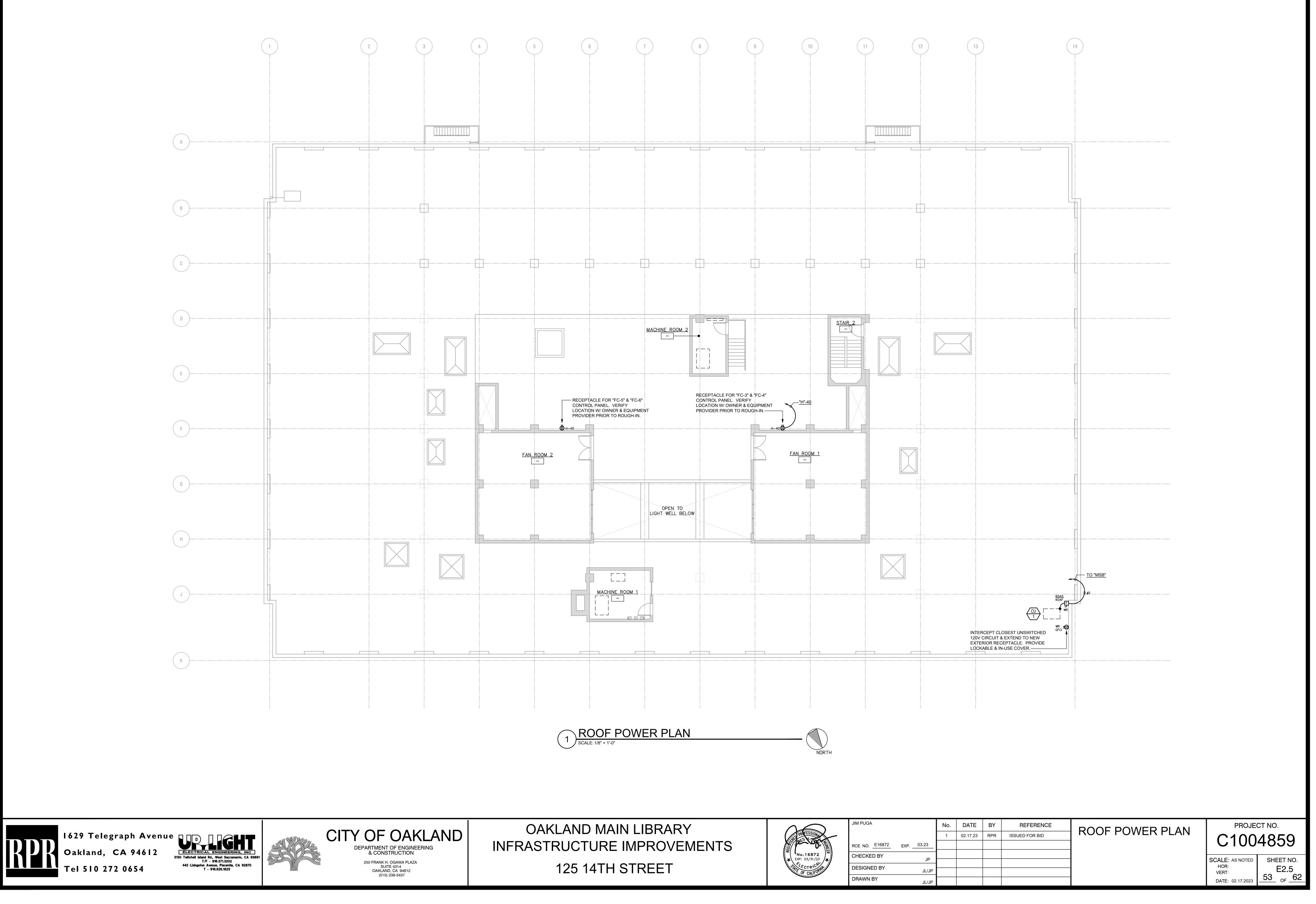
COMMUNITY ROOM HVAC POWER PLAN SCALE: 1/4" = 1'-0" 1



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



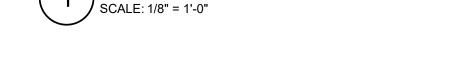






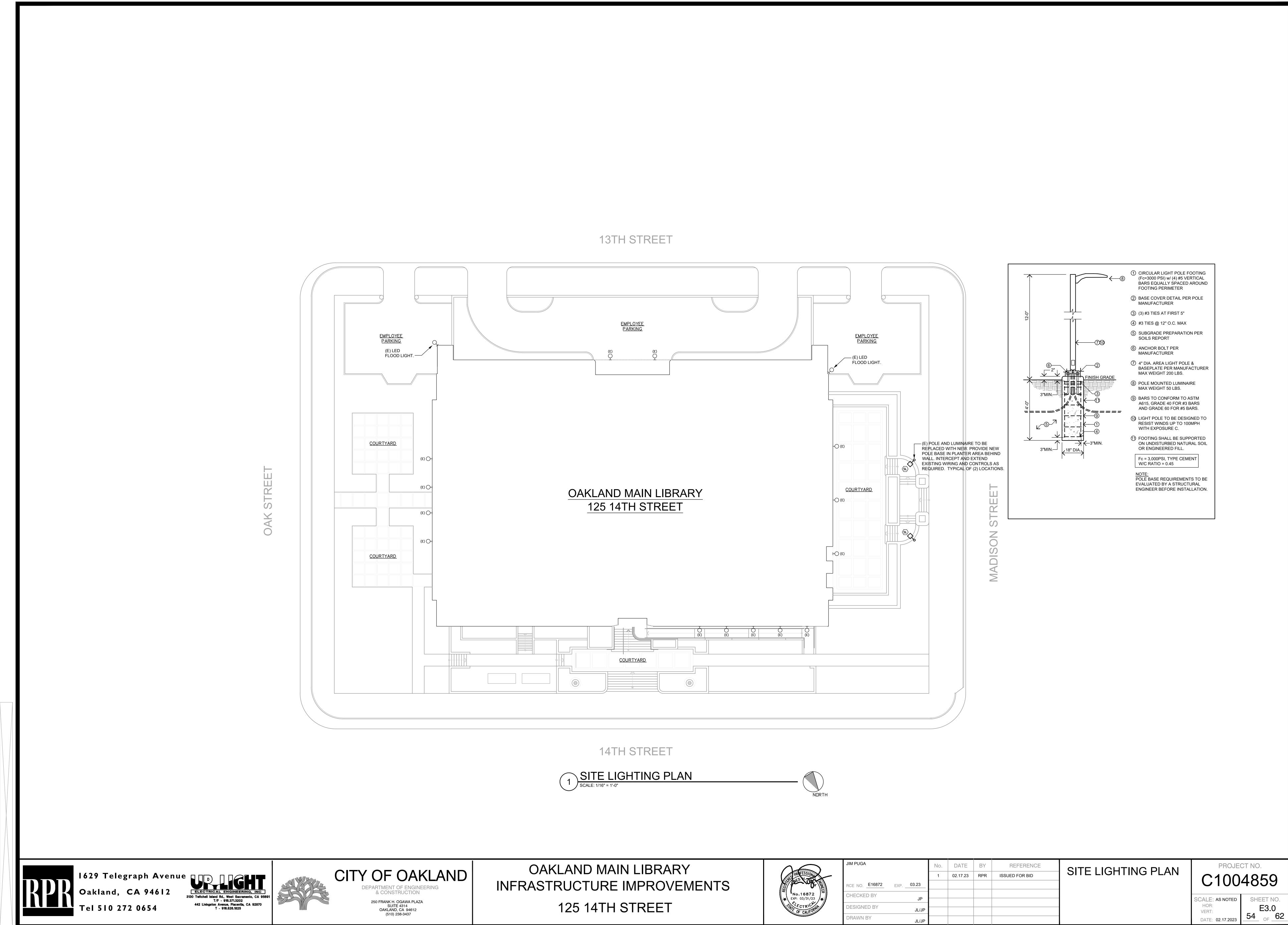




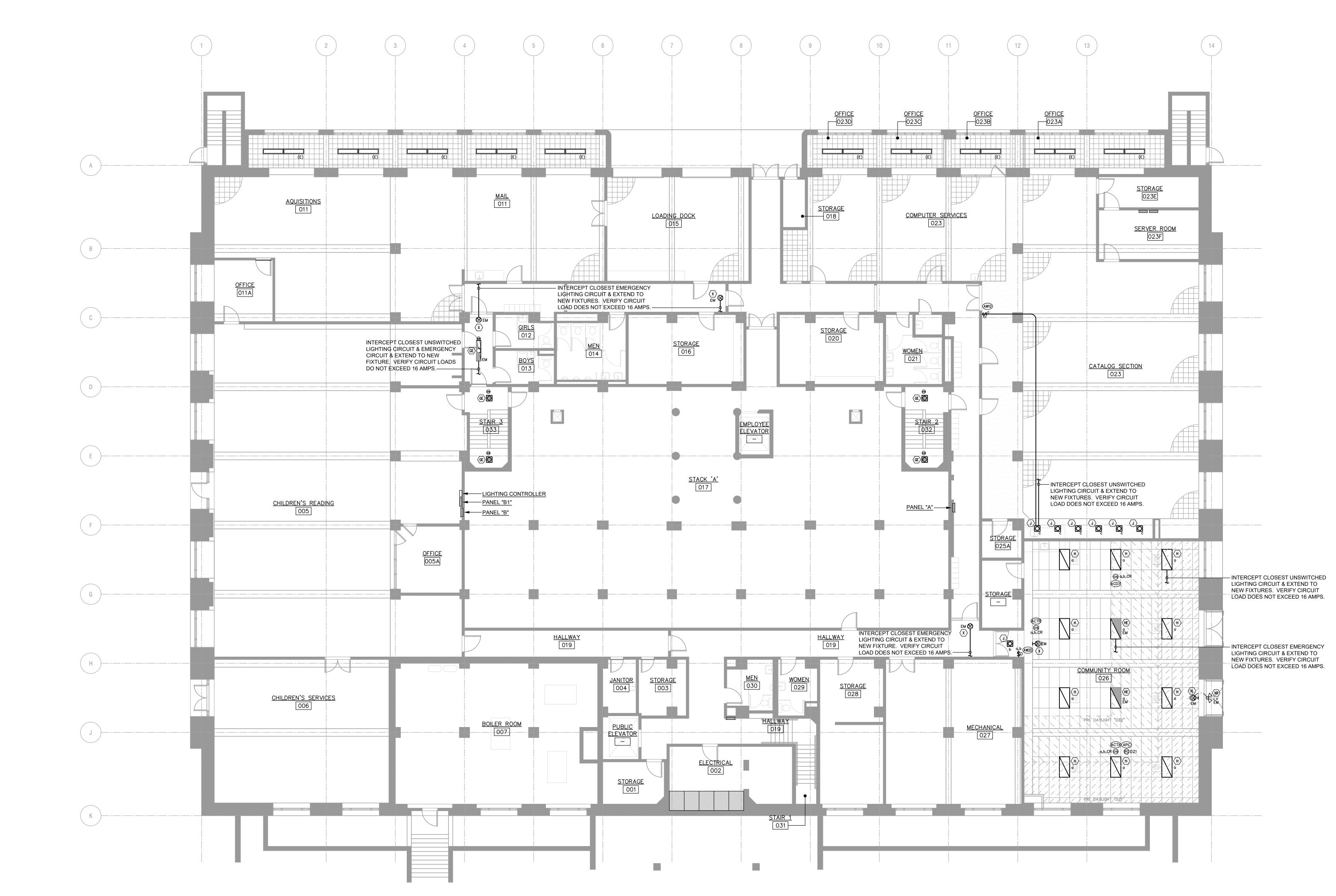




JIM PUGA		No.	DATE	BY	REFERENCE	ROOF PO
		1	02.17.23	RPR	ISSUED FOR BID	
RCE NO. E16872	EXP. 03.23					
CHECKED BY	JP					
DESIGNED BY	JL/JP					
DRAWN BY	JL/JP					



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





0 Twitchell Island Rd., West Sacramen T/F - 916.371.3202 442 Livingston Avenue, Placentia, CA 92870 T - 916.826.1825

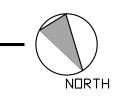






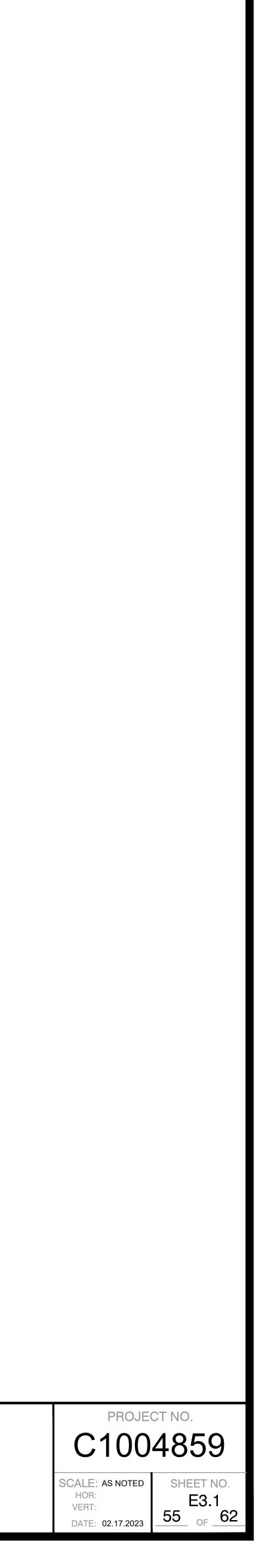
OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

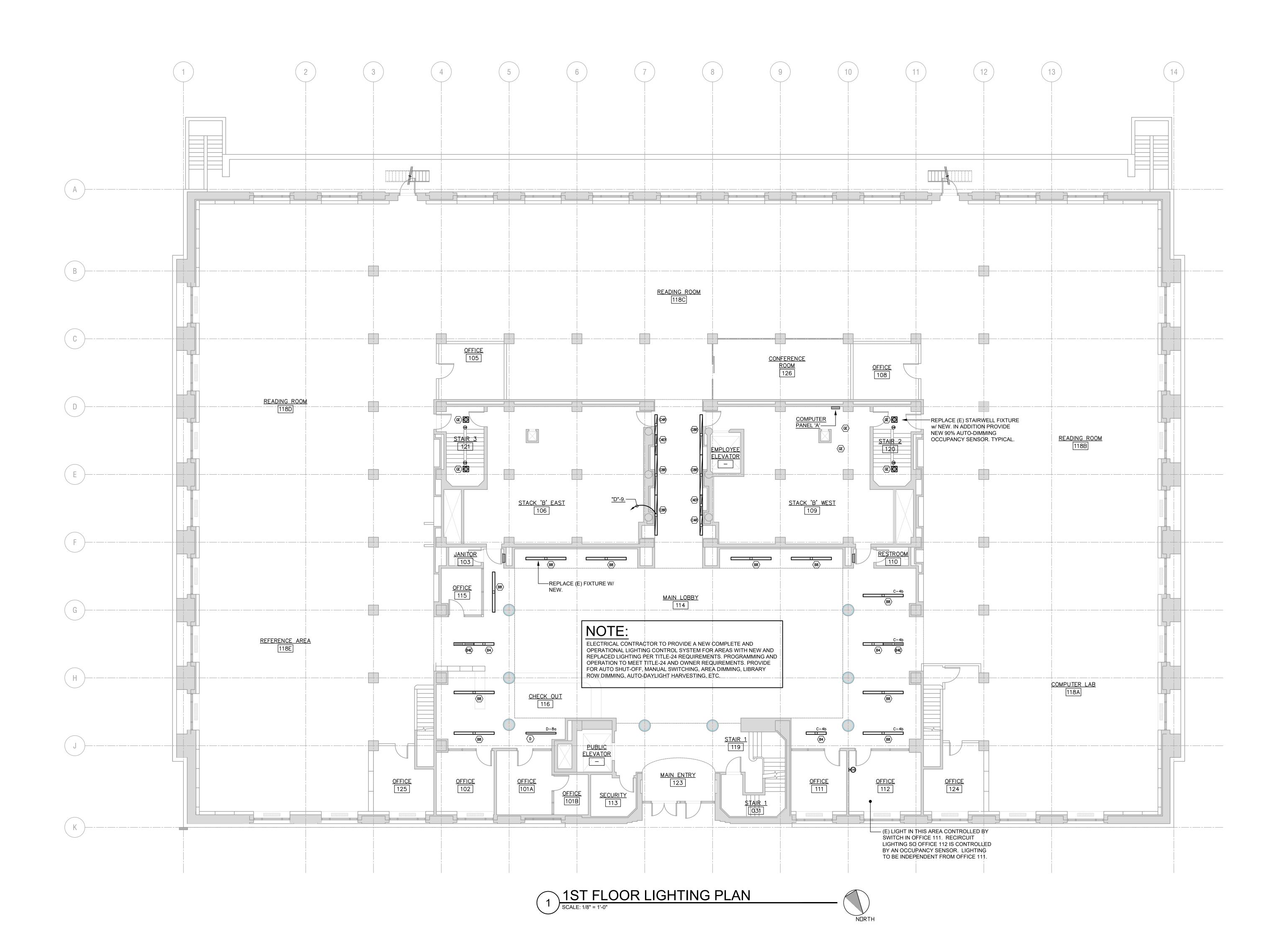
BROUND FLOOR LIGHTING PLAN SCALE: 1/8" = 1'-0"





JIM PUGA	No.	DATE	BY	REFERENCE	GROUND FLOOR
	1	02.17.23	RPR	ISSUED FOR BID	
RCE NO. <u>E16872</u> EXP. <u>03.23</u>					LIGHTING PLAN
CHECKED BY JP					
DESIGNED BY JL/JP					
DRAWN BY JL/JP					







Island Rd., West Sacra T/F - 916.371.3202 442 Livingston Avenue, Placentia, CA 92870 T - 916.826.1825



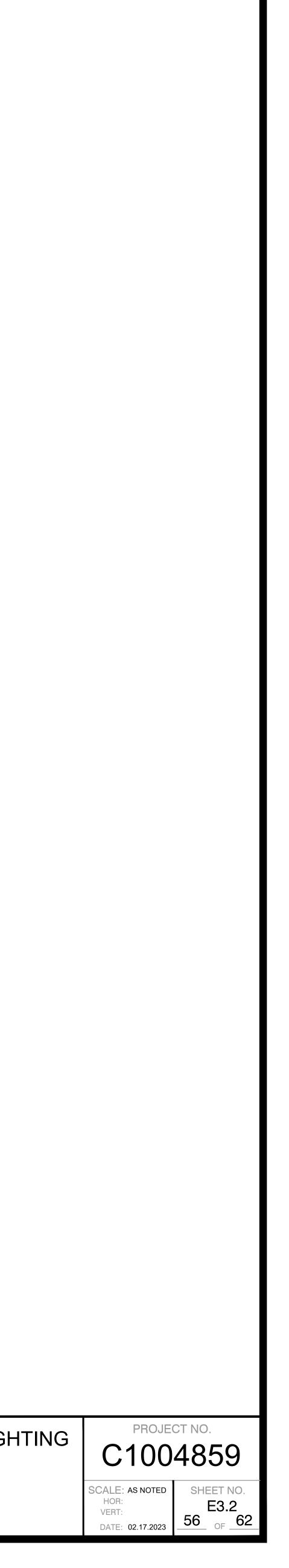


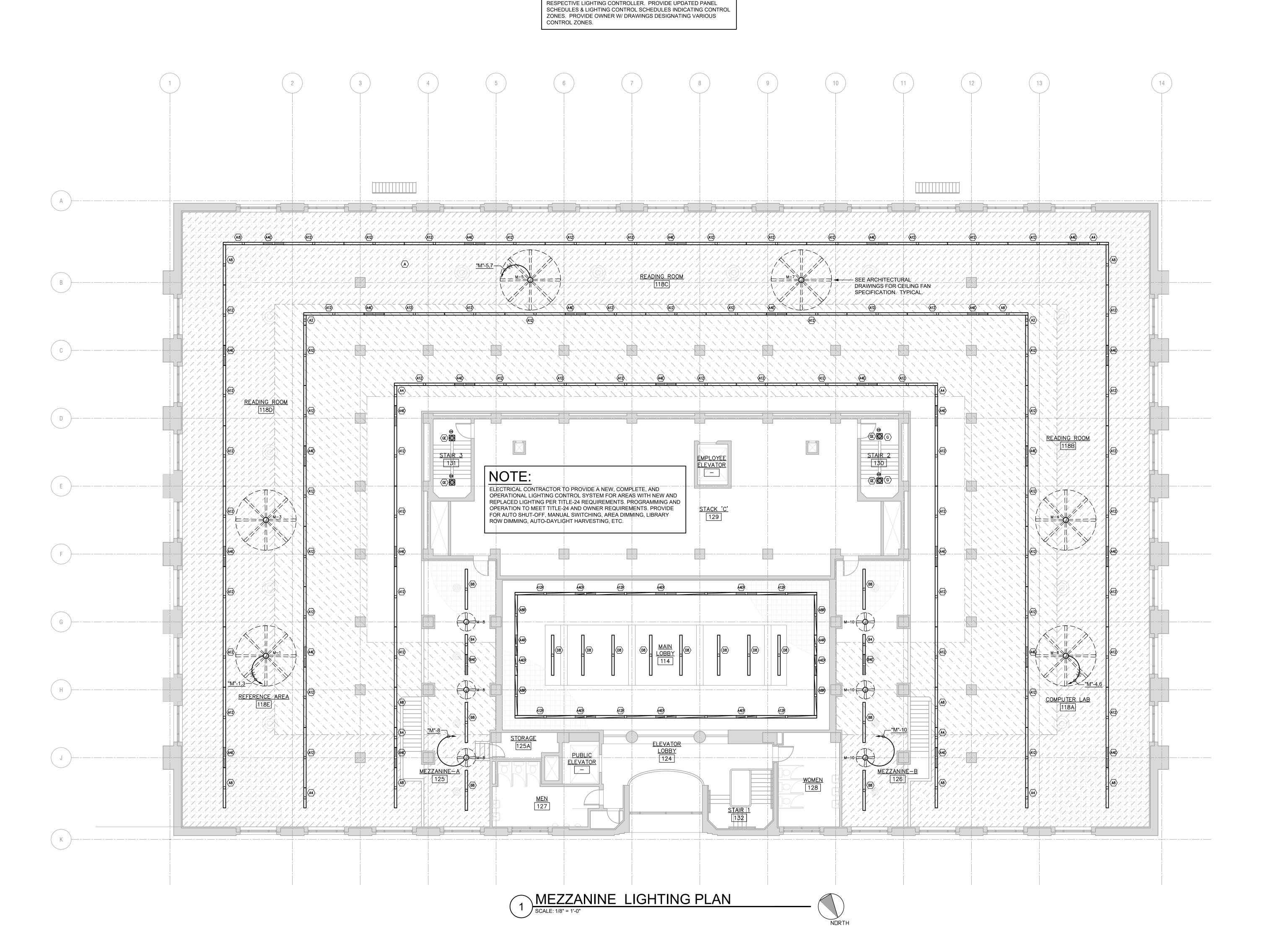


OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET



JIM PUGA	Ν	No.	DATE	BY	REFERENCE	1ST FLOOR LIGH
		1	02.17.23	RPR	ISSUED FOR BID	
RCE NO. E16872 EXP. 03	3.23					PLAN
CHECKED BY	JP					
DESIGNED BY	JL/JP					
DRAWN BY	JL/JP					







1629 Telegraph Avenue Oakland, CA 94612 UR <u>ELECTRICAL ENGINEERING, INC</u> 130 Twitchell Island Rd, West Sacramento, CA 956 1/E - 916.371.3202 Tel 510 272 0654

T/F - 916.371.3202 442 Livingston Avenue, Placentia, CA 92870 T - 916.826.1825



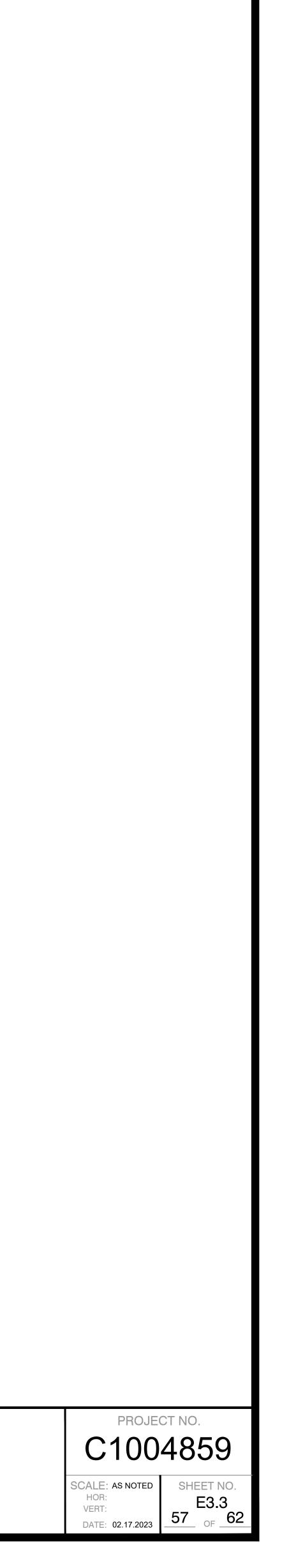
CITY OF OAKLAND DEPARTMENT OF ENGINEERING & CONSTRUCTION 250 FRANK H. OGAWA PLAZA SUITE 4314 OAKLAND, CA 94612 (510) 238-3437

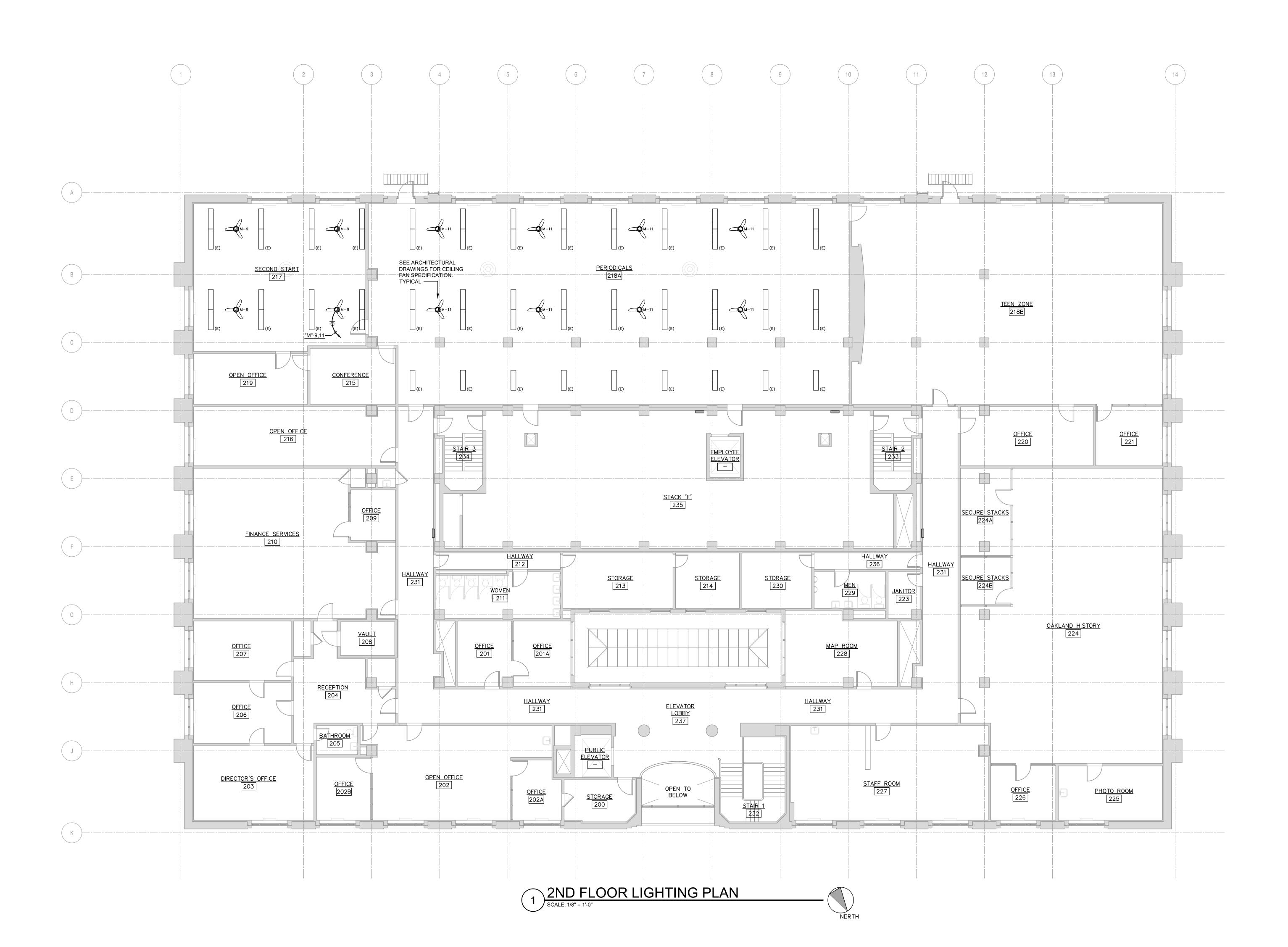
OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

NOTE: FOR LUMINAIRES SHOWN ON THIS SHEET. REUSE EXISTING LIGHTING CIRCUITS & EMERGENCY CIRCUITS. ROUTE CIRCUITS THROUGH



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







1629 Telegraph AvenueOakland, CA 94612Tel 510 272 0654Lectrical Engineering, Inc.
310 Twitchell Island Rd., West Sacramento, CA 9569
T/F - 916.371.3202
442 Livingston Avenue, Placentia, CA 92870
T - 916.826.1825 Tel 510 272 0654



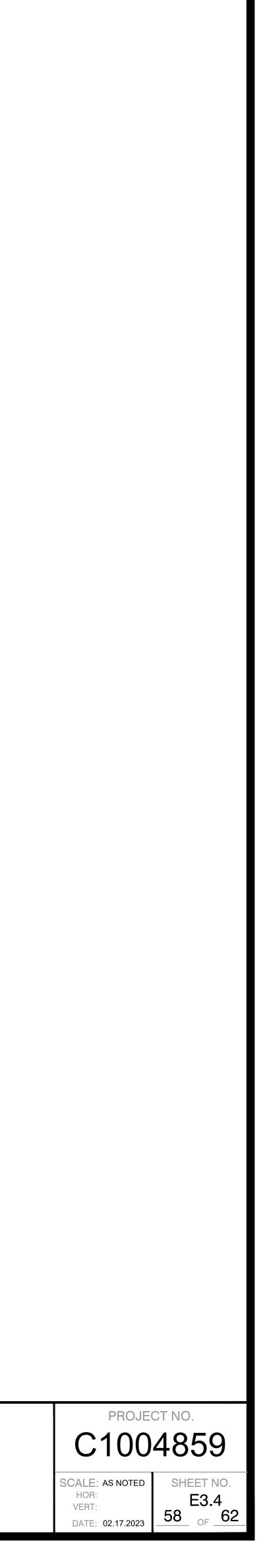


CITY OF OAKLAND DEPARTMENT OF ENGINEERING & CONSTRUCTION 250 FRANK H. OGAWA PLAZA SUITE 4314 OAKLAND, CA 94612 (510) 238-3437

OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET



		1			
JIM PUGA	No.	DATE	BY	REFERENCE	2ND FLOOR
	1	02.17.23	RPR	ISSUED FOR BID	
RCE NO. <u>E16872</u> EXP. <u>03.23</u>					LIGHTING PLAN
CHECKED BY JP					
DESIGNED BY JL/JP					
DRAWN BY JL/JP					



STATE OF CALIFORNIA INDOOR LIGHTING CEC-NRCC-LTI-01-E (Revised 04/16)

CERTIFICATE OF COMPLIANCE Indoor Lighting

Project Name: Oakland Public Library

A. General Information					
Climate Zone:	Conditione	ed Floo	or Area: 20,612		
3	Unconditio	oned F	loor Area: 0		
Building Type:		\square	Nonresidential		High-Rise Residential
Schools			Relocatable Public Schools		Conditioned Spaces
Phase of Construction:			New Construction	Addition	

Complete Building Method of Compliance: 🛛 🖌 🛛 Area Category Project Address: 125 14th Street

B. Lighting Compliance Documents (select yes for each document included) For detailed instructions on the use of this and all Energy Efficiency Standards compliance documents, refer to the Nonresidential Mac

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance

YES	NO	COMP. DOC.	TITLE
Þ		NRCC-LTI-01-E	Certificate of Compliance. All Pages required on plans for all submittals.
		NRCC-LTI-02-E	Lighting Controls, Certificate of Compliance, and PAF Calculation. All Pages rec
		NRCC-LTI-03-E	Indoor Lighting Power Allowance
	Ø	NRCC-LTI-04-E	Tailored Method Worksheets
	Ø	NRCC-LTI-05-E	Line Voltage Track Lighting Worksheets
		NRCC-LTI-06-E	Indoor Lighting Existing Conditions

STATE OF CALIFORNIA

INDOOR LIGHTING CEC-NRCC-LTI-01-E (Revised 04/16) CERTIFICATE OF COMPLIANCE

Indoor Lighting Project Name: Oakland Public Library

G. Installed Portable Luminaires in Offices – Exception to Section 140.6(a) This section shall be filled out ONLY for portable luminaires in offices (As defined in §100.1). All other planned porta

this compliance document. □ This section is used to determine if greater than 0.3 watts of portable lighting is planned for any office Fill out a separate line for each different office. Small offices that are typical (having the same general and portable

shall not be traded between offices having different lighting systems. Office Portable Luminaire Schedule Office Installed Portable Luminaire W/ft²

1	2	3	4	5	6	7	
Complete Luminaire Description (i.e., LED, under cabinet, furniture mounted direct/indirect)	Watts per Luminaire	Number of Luminaires	Installed portable luminaire watts in this office (G02 x G03)	Square feet of this office	Watts per square foot (G04 / G05)	If G06 ≤ 0.3, enter zero; if G06 > 0.3, (G06-0.3)	(G05
Total installed p	ortable lum	inaire w	atts that are	greater t	han 0.3 W/	/ft ² per office:	

			1 1001C		
	ling Energ	gy Efficiency Standards - 2016 Nonresidential Compliance	April 2016		
INDO		GHTING – LIGHTING CONTROLS	<u>@</u>		
		E (Revised 01/16) F COMPLIANCE	CALIFORNIA ENERGY COMMISSION NRCC-LTI-02-E		
		- Lighting Controls	(Page 1 of 3)		
Project Nam	^{•••} Oaklar	nd Public Library	Date Prepared 8/7/2018		
A. Man	idatory L	Lighting Control Declaration Statements (Indicate if the measure applies by checking yes or no belo	w.)		
YES	NO	Control Requirements			
		Lighting shall be controlled by self-contained lighting control devices which are certified to the Er Efficiency Regulations in accordance with Section 110.9.	nergy Commission according to the Title 20 Appliance		
		Lighting shall be controlled by a lighting control system or energy management control system in accordance with §110.9. An Installation Certificate shall be submitted in accordance with Section 130.4(b).			
		One or more Track Lighting Integral Current Limiters shall be installed which have been certified to the Energy Commission in accordance with §110.9 and §130.0. Additionally, an Installation Certificate shall be submitted in accordance with Section 130.4(b).			
	Q	A Track Lighting Supplementary Overcurrent Protection Panel shall be installed in accordance wit Installation Certificate shall be installed in accordance with Section 130.4(b).	h Section 110.9 and Section 130.0. Additionally, an		
Q		All lighting controls and equipment shall comply with the applicable requirements in §110.9 and s instructions in accordance with Section 130.1.	shall be installed in accordance with the manufacturer's		
	Q	All luminaires shall be functionally controlled with manually switched ON and OFF lighting contro	Is in accordance with Section 130.1(a).		
D)		General lighting shall be separately controlled from all other lighting systems in an area. Floor an and special effects lighting shall each be separately controlled on circuits that are 20 amps or less ornamental, and special effects lighting shall each be separately controlled; in accordance with Se	. When track lighting is used, general, display,		
		The general lighting of any enclosed area 100 square feet or larger, with a connected lighting load multi-level lighting control requirements in accordance with Section 130.1(b).	d that exceeds 0.5 watts per square foot shall meet the		
	Q	All installed indoor lighting shall be equipped with controls that meet the applicable Shut-OFF co	ntrol requirements in Section 130.1(c).		
		Lighting in all Daylit Zones shall be controlled in accordance with the requirements in Section 130	0.1(d) and daylit zones are shown on the plans.		
		Lighting power in buildings larger than 10,000 square feet shall be capable of being automatically accordance with Section 130.1(e).	reduced in response to a Demand Responsive Signal in		
б		Before an occupancy permit is granted for a newly constructed building or area, or a new lighting normal use, indoor lighting controls serving the building, area, or site shall be certified as meeting accordance with Section 130.4.(a). The controls required to meet the Acceptance Requirements i controls, and demand responsive controls.	g the Acceptance Requirements for Code Compliance in		

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance



1629 Telegraph Avenue 🛯 🔲 🗊 Oakland, CA 94612 Tel 510 272 0654

T/F - 916.371.3202 442 Livingston Avenue, Placentia, CA 92870 T - 916.826.1825





		_
		<u>@</u>
		NRCC-LTI-01-E
		(Page 1 of 6)
Pre	pared:	8/7/2018
	_	
		Hotel/Motel
		Unconditioned Spaces
	Ń	Alteration
		Tailored
inua	ıl publi	ished by the California Energy Commission.
uire	d on r	plans for all submittals.
une	u un p	

STATE OF CALIFORNIA

INDOOR LIGHTING

CEC-NRCC-LTI-01-E (Revised 04/16)

CERTIFICATE OF COMPLIANCE

compliance.

INDOOR LIGHTING – LIGHTING CONTROLS

CONDITIONED SPACES

Lighting Control Schedule

Multi Level

Multi Level

Multi Level

Multi Level

also required to be filled out, signed, and submitted.

02 Type/Description of Lighting Control (i.e.: occupancy sensor, automatic time switch,

dimmer, automatic daylight,

etc...)

CEC-NRCC-LTI-02-E (Revised 01/16) CERTIFICATE OF COMPLIANCE

01

Location in Building

Reading Room

West Mezzanine

East Mezzanine

Lobby

Indoor Lighting - Lighting Controls

Project Name: Oakland Public Library

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance

	CALIFORNIA ENERGY		
			TI-01-E
- December of		(Page	e 4 of 6)
e Prepared:	8/7/2018		
table lumi	naires shall be documented	d on next p	age of
e lighting)	may be grouped together.	This allowa	ance
	Office Location	Field Ins	pector
8	9	10)
	Identify Office and in		
5 x G07)	Identify Office area in which these portable	Pass	Fail
5 X GU7)	luminaires are installed	Pass	Fall
	iuminares are installed		
	Enter sum total of a	Il pages int	ю

NRCC-LTI-01-E; Page 1

April 2016

CITY OF OAKLAN	D
DEPARTMENT OF ENGINEERING & CONSTRUCTION	

January 2016

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

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance OAKLAND MAIN LIBRARY

Additional lighting controls installed to earn a PAF; §140.6(d) = Prescriptive Secondary Sidelit Daylight Controls.

INFRASTRUCTURE IMPROVEMENTS

125 14TH STREET

INSTALLED WATTS PAGE TOTAL: 14,716 Enter sum total of all pages into NRCC-LTI-01-E; Page 2 CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance STATE OF CALIFORNIA

A separate document must be filled out for Conditioned and Unconditioned Spaces. This page is used only for the following:

Units

B. Mandatory and Prescriptive Indoor Lighting Control Schedule, PAF Calculation, and Field Inspection Checklist

	LIGHTING T-01-E (Revised 04/16)						CALIFORNIA ENER	RGY COMMISS	sion 🛀
CERTIFICA	TE OF COMPLIANCE							NR	CC-LTI-01
ndoor Ligl	hting							()	Page 5 of
Project Name	^{e:} Oakland Public Library						Date Prepared: 8/7/2018		
	E Lighting Schedule Must Be Filled Out for Condition	CE	onditioned	d Spaces. I	nstalled Li	ghting Powe	r listed on this Lighting Schedule is c	only for:	
H. Indoor	Lighting Schedule and Field Inspection Energy C Luminaire Schedule	пескизт	h	nstalled Wa	atts		Location	Field In	spector ¹
01	02	03	C)4	05	06	07	08	
Name or Item Tag	Complete Luminaire Description (i.e, 3 lamp fluorescent troffer, F32T8, one dimmable electronic ballast)	Watts per Luminaire	1	According to §130.0(c)	Number Luminaires	Total Installed Watts in this area (H03 x H05)	Primary Function area in which these luminaires are installed	Pass	Fail
A/AE	240w LED	240.0			48	11,520	Library, Reading Area		
B1	96w LED	96.0			8	768	Library, Reading Area		
32	96w LED	96.0			4	384	Lobby, Main Entry		
С	6.3w/ft LED	6.3			154	970	Lobby, Main Entry		
D	48w LED	48.0			3	144	Lobby, Main Entry		
E	64w LED	64.0			11	704	Lobby, Main Entry		
F	4.7w/ft LED	4.7			48	226	Corridor/Restroom/Support		

Indoor Lighting Project Name: Oakland Public Library Date Prepared: 8/7/2018 C. Summary of Allowed Lighting Power Conditioned and Unconditioned space Lighting must not be combined for compliance Indoor Lighting Power for Uncondition Indoor Lighting Power for Conditioned Spaces Watts Installed Lighting 14,716 NRCC-LTI-01-E, Table H, page 5 NRCC-LTI-01-E, Table H, 01 Portable Only for Offices 02 NRCC-LTI-01-E, Table G, page 4 Minus Lighting Control Credits Minus Lighting Control 03 NRCC-LTI-02-E, page 2 NRCC-LTI-02-E, Adjusted Installed Lighting Power = 14,716 Adjusted Installed Lighting 04 (row 1 plus row 2 minus row 3) (row 1 minus Complies ONLY if **Installed** \leq **Allowed** (Box 04 < Box 05) Complies ONLY if Installed ≤ Allowed (Box Allowed Lighting Power Allowed Lighting Power Conditioned NRCC-LTI-03-E, page 1 Unconditioned NRCC-LTI-03-E, page 1 1 980 05 Alterations with replacement luminaires that have at least 50/35% lower power compared to the original existing luminaires, may instead use the allowed wattage from NRCC-LTI-06, page 2

Alterations with replacement luminaires that have at l lower power compared to the original existing lumina instead use the allowed wattage from NRCC-LTI-0 D. Declaration of Required Certificates of Installation Declare by selecting yes for all of the Certificates that will be submitted. (Retain copies and verify forms are completed and signed.) YES NO Compliance Document/Title ✓ □ NRCI-LTI-01-E - Must be submitted for all buildings NRCI-LTI-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance. NRCI-LTI-03-E - Must be submitted for a line-voltage track lighting integral current limiter, or for a supplementary overcurrent protection panel used to energize only line-voltage track lighting, to be recognized for compliance. NRCI-LTI-04-E - Must be submitted for two interlocked systems serving an auditorium, a convention center, a conference room, a multipurpose room, or a theater to be recognized for compliance. NRCI-LTI-05-E - Must be submitted for a Power Adjustment Factor (PAF) to be recognized for compliance. NRCI-LTI-06-E - Must be submitted for additional wattage installed in a video conferencing studio to be recognized for Field Inspector

NRCC-LTI-01-E					
		(Page 2 of 6)	1		
			-		
ned Spa	ces				
		Watts			
Lighting , page 5	+	0			
Credits	-	0			
, page 2					
g Power	=	0			
s row 3)					
ox 04 < Bo	ox 05)				
least 50/ naires, m 16, page 2	ay	0			
] Field Inspector					
] Field Inspector					
] Field Inspector					
] Field Inspector					
] Field Inspector					

April 2016

April 2016

NRCC-LTI-02-E (Page 2 of 3)

January 2016

CALIFORNIA ENERGY COMMISSION

1

Enter Control Credit total into NRCC-LTI-01-E; Page

Date Prepared: 8/7/2018

Standards Complying With¹ (✓ all that apply, or enter 'E' if Exempted)

IF MULTIPLE PAGES ARE USED, ENTER SUM TOTAL OF Control Credit for all pages HERE (Sum of all Column 13):

1. §130.1(a) = Manual area controls; §130.0(b) = Multi Level; §130.1(c) = Auto Shut-Off; §130.1(d) = Mandatory Daylight; §130.1(e) = Demand Responsive; §140.6(d) =

2. Check Table 140.6-A for correct Factor. PAFs shall not be traded between conditioned and unconditioned spaces. As a condition to earn a PAF, an Installation Certificate is

03 04 05 06 07 08 09 10 11 12 13 14

Control Credit PAGE TOTAL (Sum of Column 13):

PAF Credit Calculation

Installed

CALIFORNIA ENERGY COMMISSION
NRCC-LTI-0
(Page 3 c
Date Prepared: 8/7/2018

E. Declara	tion of Red	quired Certificates of Acceptance	
Declare b	y selecting	yes for all of the Certificates that will be submitted. (Retain copies and verify forms are completed and signed.))
YES	NO	Compliance Document/Title	
	\square	NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	Field Inspector
	\Box	NRCA-LTI-03-A - Must be submitted for automatic daylight controls.	Field Inspector
	Ø	NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls.	□ Field Inspector
	Ø	NRCA-LTI-05-A – Must be submitted for institutional tuning power adjustment factor (PAF).	□ Field Inspector
I	te Lighting.	Schedule Must Be Filled Out for Conditioned and Unconditioned Spaces. Installed Lighting Power listed on this L	ighting Schedule is only for:

□ CONDITIONED SPACE □ UNCONDITIONED SPACE

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance

F. Indoor Lighting Schedule and Field Inspection Energy Checklist	
The actual indoor lighting power listed on the next 2 pages includes all installed permanent and planned portable lighting systems.	
U When Complete Building Method is used for compliance, list each different type of luminaire on separate lines.	
U When Area Category Method or Tailored Method is used for compliance, list each different type of luminaire by each different function area on separat	e lines
Also include track lighting in schedule, and submit the track lighting compliance document (NRCC-LTI-05-E) when line-voltage track lighting is installed.	

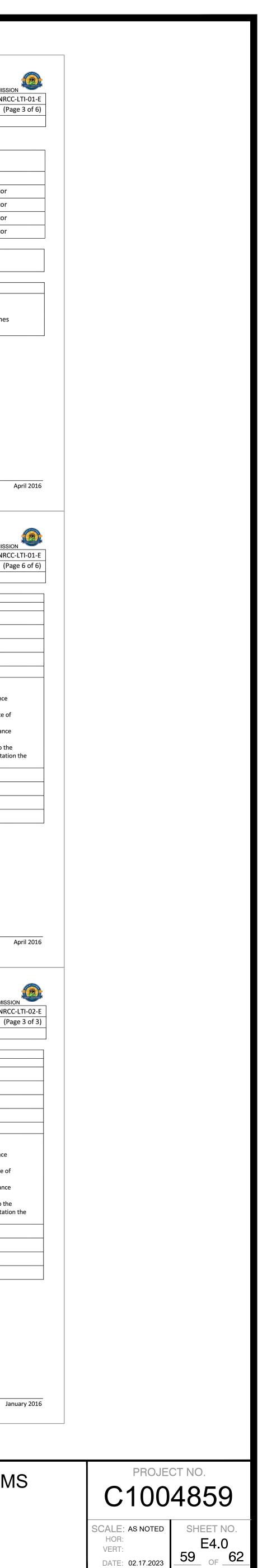
STATE OF CALIFORNIA	
INDOOR LIGHTING CEC-NRCC-LTI-01-E (Revised 04/16)	
	NRCC-LTI-01
Indoor Lighting	(Page 6 of
Project Name: Oakland Public Library	Date Prepared: 8/7/2018
	0///2018
DOCUMENTATION AUTHOR'S DECLARATION STATEMENT	
1. I certify that this Certificate of Compliance documentation is accurate and complete.	
Documentation Author Name:	Documentation Author Signature:
^{Company:} Up-Light Electrical Engineering, Inc.	Signature Date: 8/7/2018
Address:	CEA Certification Identification (if applicable):
City/State/Zip:	Phone:
,	rione.
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 responsibilit	ty 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 manufa	
Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California C	5
 The building design features or system design features identified on this Certificate of Co documents, worksheets, calculations, plans and specifications submitted to the enforcem 	
 I will ensure that a completed signed copy of this Certificate of Compliance shall be made 	
	copy of this Certificate of Compliance is required to be included with the documentation the
builder provides to the building owner at occupancy.	copy of this certificate of compliance is required to be included with the documentation the
Responsible Designer Name: Jim Puga	Responsible Designer Signature:
^{Company :} Up-Light Electrical Engineering, Inc.	Date Signed:
Address: 3130 Twitchell Island Road	License: E16872
City/State/Zip: West Sacramento, CA 95691	Phone: 916.371.3202

CA Building Energ	gy Efficiency Standards - 2016 Nonresidential Compliance	
STATE OF CALIFOR INDOOR LIC CEC-NRCC-LTI-02-E	GHTING – LIGHTING CONTROLS	CALIFORNIA ENERGY COMMIS
CERTIFICATE OF	COMPLIANCE	NR
Indoor Lighting	- Lighting Controls	(1
Project Name: Oakl	and Public Library	Date Prepared: 8/7/2018
	N AUTHOR'S DECLARATION STATEMENT this Certificate of Compliance documentation is accurate a or Name:	nd complete.
Company:	Up-Light Electrical Engineering, Inc.	Signature Date: 8/7/2018
Address:		CEA Certification Identification (if applicable):
City/State/Zip:		Phone:
RESPONSIBLE PE	RSON'S DECLARATION STATEMENT	
 The informa I am eligible (responsible The energy Compliance The building documents, I will ensure enforcement 	e designer). features and performance specifications, materials, compo conform to the requirements of Title 24, Part 1 and Part 6 g design features or system design features identified on thi worksheets, calculations, plans and specifications submitte that a completed signed copy of this Certificate of Complia at agency for all applicable inspections. I understand that a <i>v</i> ides to the building owner at occupancy.	correct. ccept responsibility for the building design or system design identified on this Certificate of Compliance nents, and manufactured devices for the building design or system design identified on this Certificate of of the California Code of Regulations. is Certificate of Compliance are consistent with the information provided on other applicable compliance ed to the enforcement agency for approval with this building permit application. ance shall be made available with the building permit(c) issued for the outding, and made available to the completed signed copy of this Certificate of Compliance are required to be in luded with the documentat
Responsible Designer	^{Name:} Jim Puga	Responsible Designer Signature:
Company :	Up-Light Electrical Engineering, Inc.	Date Signed:
Address:	3130 Twitchell Island Road	License: E16872

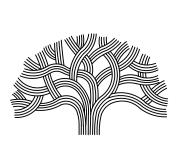
CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance



JIM PUGA	No.	DATE	BY	REFERENCE	TITLE-24 FORMS
	1	02.17.23	RPR	ISSUED FOR BID	
RCE NO. <u>E16872</u> EXP. <u>03.23</u>					
CHECKED BY					
DESIGNED BY					
DRAWN BY JL/JP					









	G F		ΓUR	F	SCI		
ARB			ONNEC 7 D		7A9	SCRIPTIO	
	2	Ø	Þ	1 2		THOLE STAINLESS STEEL SINK A	

CITY OF OAKLAND 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

	g symbo	5/ +6
MBO	BREVIATIO	SCRIPTIC
		MENT IDENTIFICAD
		Image: Control of the second of the secon

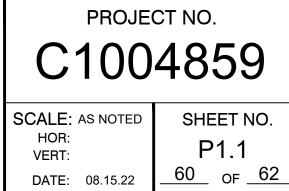


JEFF ELMENDORF		No.	DATE	BY	REFERENCE	CONST
		1	02.17.23	JJE	ISSUE FOR BID	
RCE NO. <u>M 27243</u>	EXP. <u>06/23</u>					PLUMBING
CHECKED BY	JJE					SCHEDULE
DESIGNED BY	JJE					DETAILS
DRAWN BY	MAH					
BRAWN BI	MAIT					

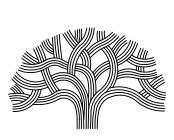
STRUCTION PLANS:

LES &

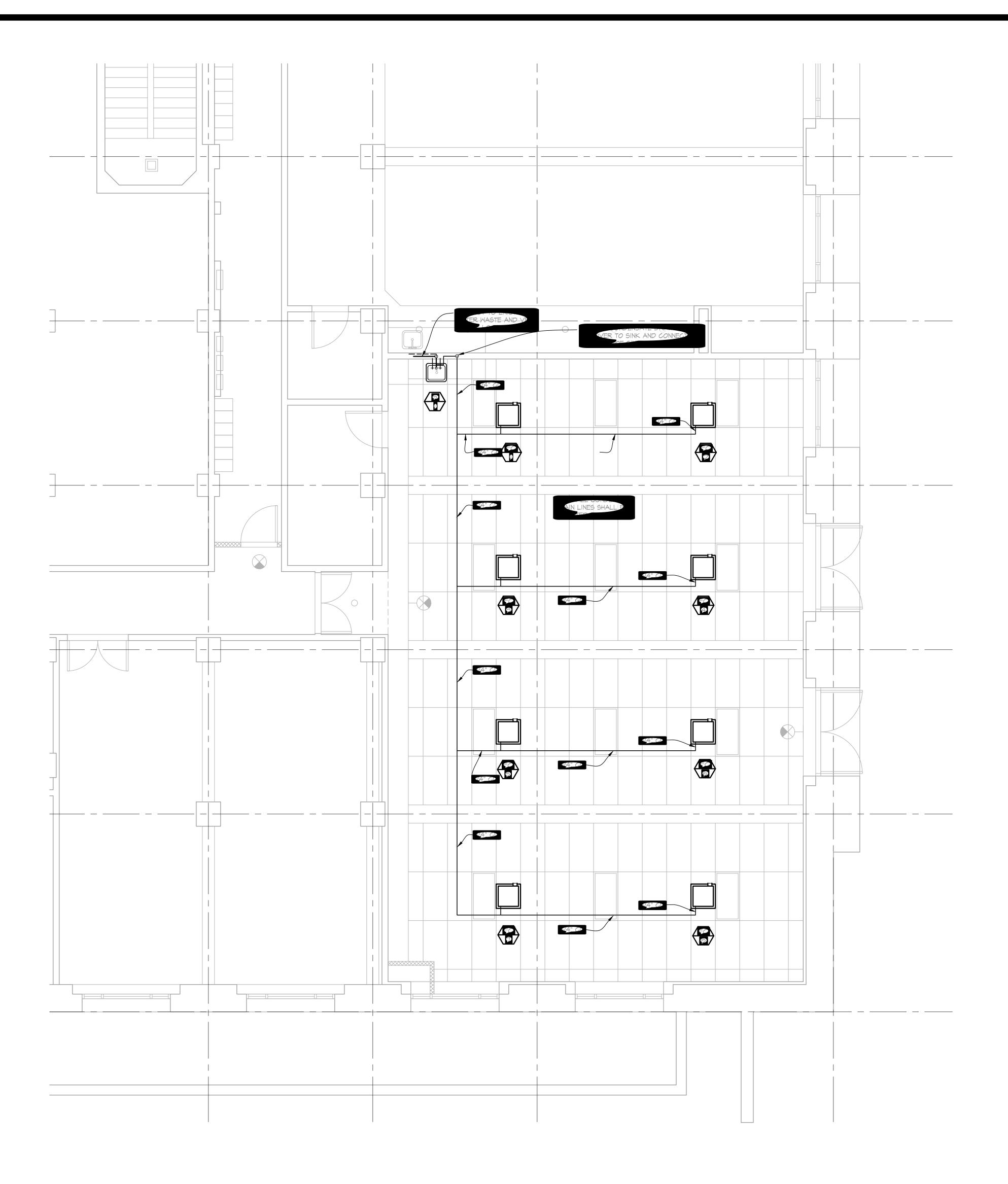












OAKLAND MAIN LIBRARY INFRASTRUCTURE IMPROVEMENTS 125 14TH STREET

CITY OF OAKLAND DEPARTMENT OF ENGINEERING & CONSTRUCTION 250 FRANK H. OGAWA PLAZA SUITE 4314 OAKLAND, CA 94612 (510) 238-3437

4.E: 1/4"=15

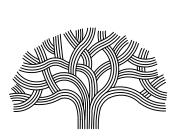


JEFF ELMENDORF		No.	DATE	BY	REFERENCE	CONSTRUC
		1	02.17.23	JJE	ISSUE FOR BID	
RCE NO. <u>M 27243</u> E	XP. <u>06/23</u>					PLUMBING PLAN
CHECKED BY	JJE					
DESIGNED BY	JJE					
DRAWN BY	MAH					
	MAIT					

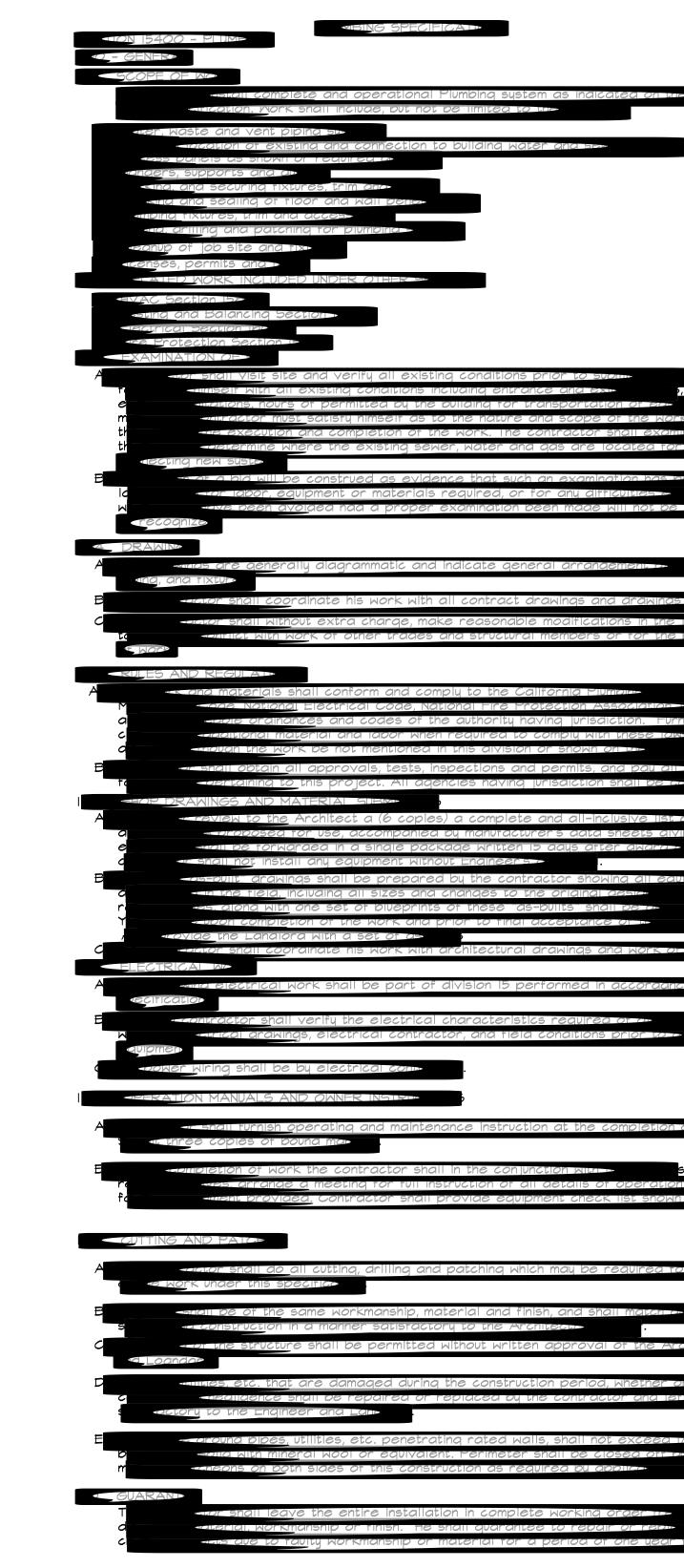
NSTRUCTION PLANS:











CITY OF OAKLAND 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

	PIPE AND FITTE
	 Pipe Pipe Standard weight ABS when approved by the building offical for standard weight cast iron with ne new standard weight cast iron weight cast iron
	 With 95-5 tin-antimony second We and cold water pipina; Type "L" hard drawn copper pipe and wrought control We antimony solder. Type in underground with silver sold We and piping; Type in nard arown copper pipe and wrought control We antimony solder. Furnace condensate arown piping shall be scheduted
	 bit bit bit bit bit bit bit bit bit bit
2,	A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be insulated with Manville Microlok tipes A <u>Cola water</u> piping shall be <u>Cola water</u> piping shall b
	A Scinnell or approved equal: Provide where required by code. Crush-A-Therm 17 Lea between copper and rerrous ma
a 2. come de la come de la La come de la come de	 VALV A cives: 2" and smaller, Stockham B-109, bronze valve, rising stem B cives: 2-1/2" and smaller, Stockham B309, bronze valve, swing check valve
s or	C <u>Chicado, Woodfo</u> rd model 24 or equal with vacuum breaker and tamper proor a D Frimer: Precision Products Co. F-1-5 F <u>ACK VAIVES: 2-</u> 1/2" and smaller, Nibco S-480, bronze ring spring check value
	Sener
	2 2 2 2 2 2 2 2 2 2 3 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4
	 Section 1. A stabilished line of the section of the s
	5 <u>Pipina shall have accessible service valves. Provide access pahels</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pipina</u> <u>Pip</u>
- June 19	 Inpression fittings shall be allow all bitch back toward system drain valve and any installed low points have a nose end arain ve Back to obtain sufficient flexibility to prevent excessive bename
Al-ter	4 <u>water piping so that system can be completely drained. Where lines and carainage, a uniform grade shall be maintained. Lines shall be so such that water ho lines shall have pockets are to changes in elec- or provisions for arainage area.</u>
	5 Contral shall not interfere with the operation or accessibility of acors 5 Croach on alsies, passageways and equipment; and shall hot interference 6 Maintenance of any equipment. Adjacent pipelines shall be arouped 5 Contral or Vertical pr
	 Additing Unions in water piping between copper piping and terminations in water piping between copper piping and terminations of a lacent to valves and where necessary to facilitate alsossements And piping independently of equipment to which it is certain to the piping independently of equipment to which it is certain to the piping independently of equipment to which it is certain to the piping independently of equipment to which it is certain to the piping independent of the pipin
	c and Sanitary Drainage and Sanitary Drai
	 2 And is tested in sections, test piping with a pressure equivalent to a residue water level shall be maintained for the section of the section
f	Domestic War - Domestic War - <u>Aug all outlets,</u> apply a hydrostatic pressure of 150 psi and sustain sur- - 24 hour
	2 <u>added, relocated or replaced on existing systems, apply a hudrosto-</u> osi above the existing pressure for 2 5 .

	JEFF ELMENDORF	No.	DATE	BY	REFERENCE	CONSTRUCTION P
ES PROFESSION		1	02.17.23	JJE	ISSUE FOR BID	
	RCE NO. <u>M 27243</u> EXP. <u>06/23</u>					PLUMBING
Exp. 6/30/23	CHECKED BY JJE					SPECIFICATIONS
Store OF CHANTON	DESIGNED BY JJE					
MECHANICAL ENGINEER	DRAWN BY MAH					

y s

PLANS:

VERT:

PROJECT NO. C1004859

SCALE: AS NOTED HOR: SHEET NO. DATE: 08.15.22

P3.1 <u>62</u> _{OF} <u>62</u>