Petaluma Regional Library Renovation N&T Project #21824

### ADDENDUM #1

Date: 5/22/2024



**General:** The following instructions, substitutions, alterations, changes, clarifications, additions, and/or deletions are hereby made a part of the Contract Documents and modify the original Documents dated Nov 20, 2023. The changes documented in this addendum have precedence over all previous contract documents and shall be taken into consideration in preparation of your bid. It is the responsibility of all bidders to notify all subcontractors of all changes contained in this addendum. All other conditions shall remain the same.

#### All bidders shall acknowledge receipt and acceptance of this addendum on the bid form.

#### **Changes to Specifications:**

• In page header and/or footer, revise 'Project No.:10-19' to be 'Project No.: #7204 PETR'.

#### **Changes to Drawings:**

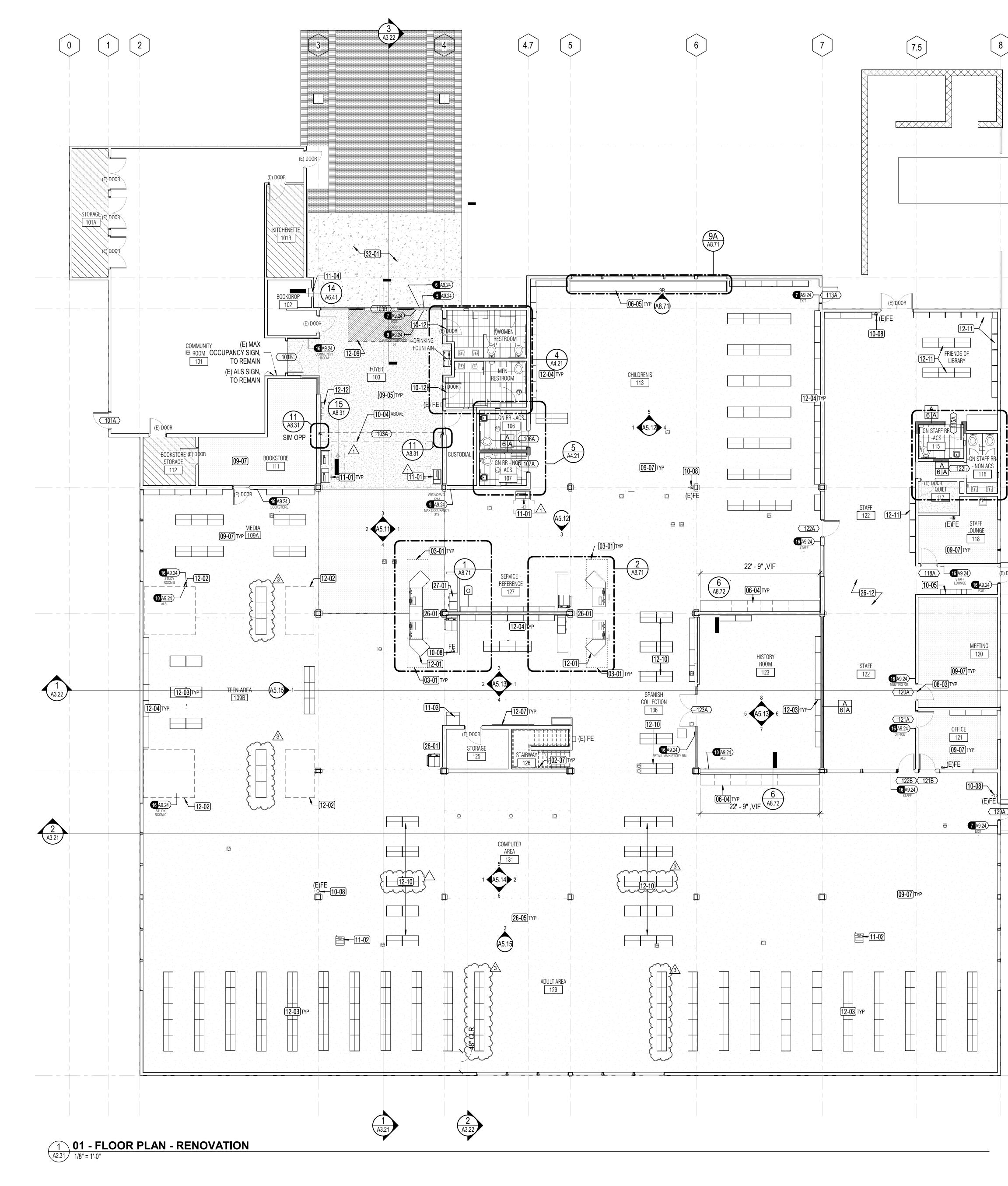
- Sheet A2.31 & A9.41, Delete (2) meeting pods in Teen Area and provide mobile shelving units in its place. Add mobile shelving units at Computer Area. Add two rows of shelving units at Adult Area.
- Sheet A9.51 See changes on A2.31 and A9.41. Delete (2) tables and shift lounge chairs and tables together.
- Sheet E0.02 Update T24 calculations with revise lighting plan. See E2.41
- Sheet E2.31 Update background of deleted meeting pods with new shelving units.
- Sheet E2.41 Revise light fixture type P2 to longer lengths. Remove (2) rows of light fixture type P6.
- Sheet E6.01 Revise light fixture descriptions, manufacturer catalog #, lamp, and input watts in lighting fixture schedule.

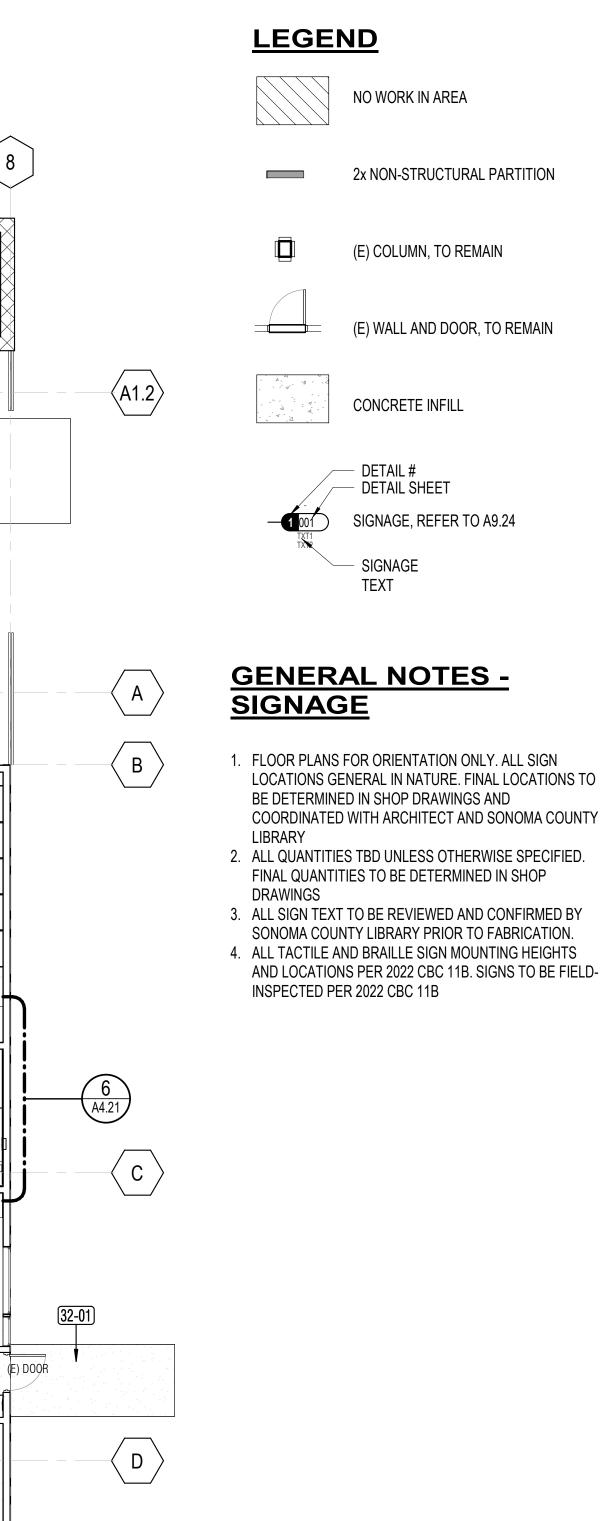
Item	Reference	Description
1	A2.31	Floor Plan – 1 <sup>st</sup> Floor and Mezzanine
2	A9.41	Shelving Plan – 1 <sup>st</sup> Floor
3	A9.51	Furniture Plan – 1 <sup>st</sup> Floor
4	E0.02	Lighting Title 24 Calculations
5	E2.31	Floor Plan – 1 <sup>st</sup> Floor and Mezzanine - Power
6	E2.41	Floor Plan – 1 <sup>st</sup> Floor and Mezzanine - Lighting
7	E6.01	Lighting Fixture Schedule

#### **Documents Issued / Attachments:**

Issued By: Phan Dung, Noll & Tam Architects

Distributed to: Sonoma County Library; Ridge CM, LLC





Key Value Keynote Text IBRARY TO PROVIDE ALS - PORTABLE SYSTEM (8 RECEIVERS WITH EARLOOP HEADPHONES + 1 INDUCTIVE LOOP - SHARED USE IN COMMUNITY ROOM. HISTORY ROOM AND MEETING PODS. AVAILAB AT SERVICE DESK. CONTRACTOR TO PROVIDE ASSISTIVE LISTENIN SYSTEM (ALS) SIGN DETAIL ON A9.24 AT MEETING POD AND HISTO RM, SHOWN ON A2.31. EXTERIOR LANDING AND RAMP IMPROVEMENTS BY CITY OF PETALUMA

KEYNOTE LEGEND

27-01

( G )

0' 4' 8' 16'

1 A3.22

32-01

# **GENERAL NOTES**

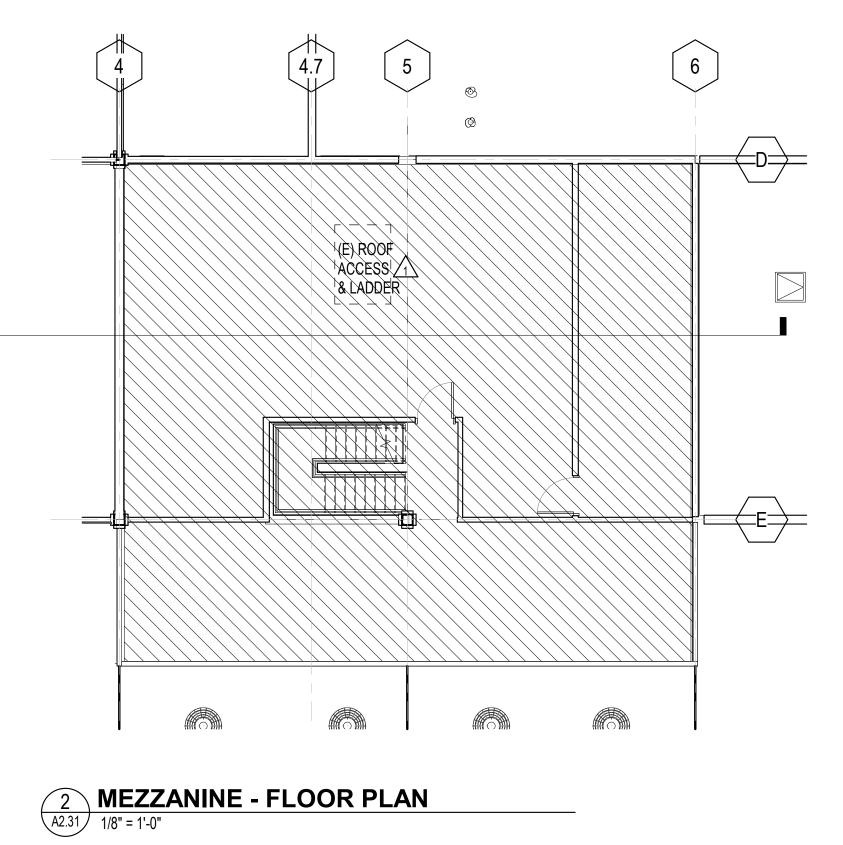
1. SEE G SERIES FOR CODE AND ACCESSIBILITY REQUIREMENTS, 2. SEE STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND LV DRAWINGS FOR ADDITIONAL INFORMATION.

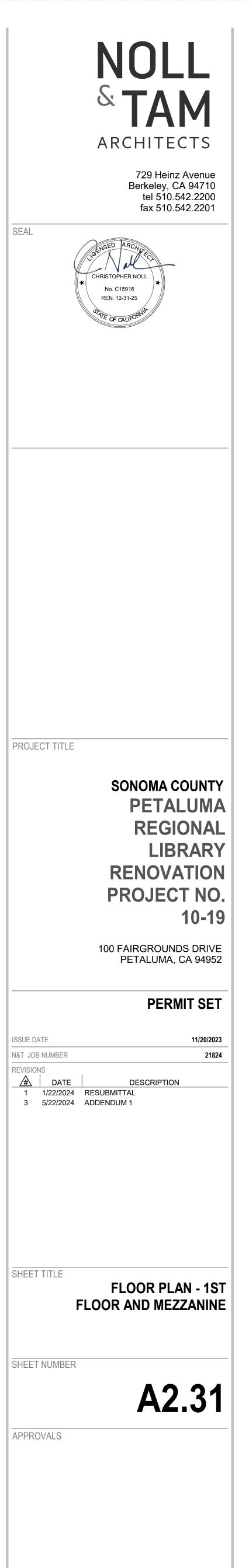
3. PATCH AND REPAIR ALL (E) CONCRETE SLAB ALL LOCATIONS WHERE DEMOLITION OCCURS TO PROVIDE SMOOTH SURFACES FOR FLOOR FINISHES. 4. PROVIDE BLOCKING AS REQUIRED FOR WALL ATTACHED EQUIPMENT, CASEWORK AND ACCESSORIES AS REQUIRED TO SUPPORT WEIGHT. REPLACE EXISTING FINISHES IN KIND OR SALVAGE EXISTING T&G SIDING FOR RE-INSTALLATION.

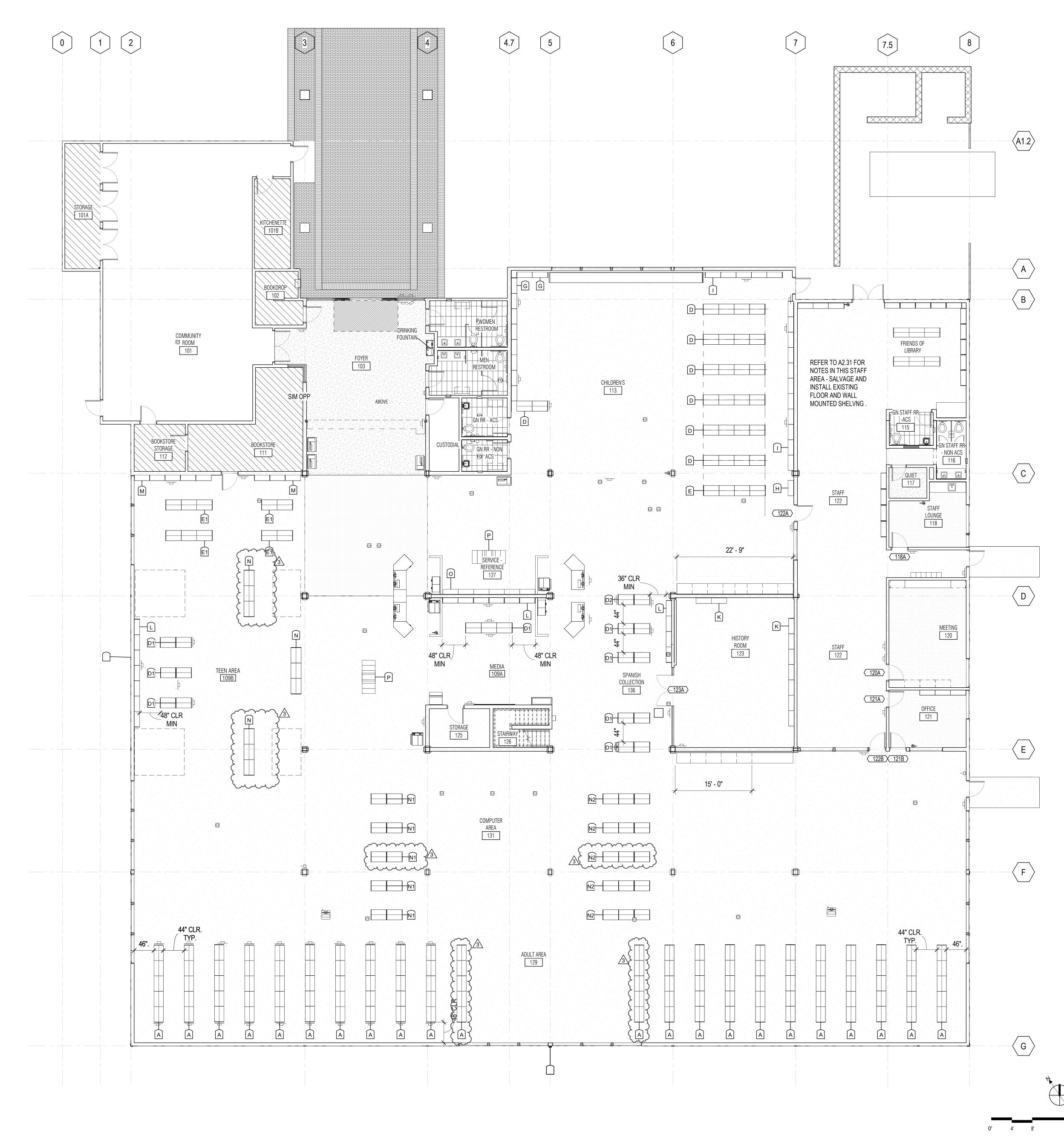
5. REFER TO FIRE SPRINKLER AND STRUCTURAL DWGS FOR SCOPE OF WORK. INSTALLATION OF FIRE SPRINKLER AT WALLS WITH KNEE BRACE REQUIRES RE-INSTALLATION OF SALVAGED WOOD SIDING. REPLACE GYP BD AND INSTALL 4X4 BLOCKING BETWEEN EXISTING STUDS. CONTRACTOR TO COORDINATE WITH TRADES TO AVOID CONFLICT. FINAL APPEARANCE OF WALLS TO MATCH EXISTING ADJACENT.

6. REFER TO A9.41 FOR SHELVING PLAN. (BY SHELVING CONTRACTOR) 7. REFER TO A9.51 FOR FURNITURE PLAN (BY FURNITURE CONTRACTOR)

Key Value	KEYNOTE LEGEND Keynote Text							
02-37	EXISTING STAIRS AND RAILINGS TO REMAIN.							
03-01	WHERE TRENCHING FOR POWER AND DATA OCCURS, PROVIDE CONCRETE INFILL DET 1/S1.1 REFER TO ELECTRICAL AND LV DWGS FOR EXTENSION OF POWER AND DATA FROM EXISTING FLUSH DUCT TO NEW LOCATIONS.							
06-04	COMPUTER COUNTERTOP WITH LINOLEUM TOP AND HARDWOOD TRIM,, 24" DEEP, WITH INTERMEDIATE VERTICAL DIVIDERS							
06-05	CUSTOM STORAGE BINS WITH BENCH SEAT							
08-03	REPLACE EXISTING DOOR KNOB WITH DOOR LEVER AT DOOR 122A,122B, 121A, 121B, 120A, AND 118A. MODIFY EXISTING DOOR AS REQUIRED FOR OPERATION. NO THRESHOLD OR CLOSER AT EXISTING INTERIOR DOORS.							
09-05	PROVIDE CONCRETE INFILL FLOOR TOPPING AT DEPRESSSED SLAE GRIND AND POLISH CONCRETE FLOOR AND SEAL (BETWEEN GRIDLINE 3&4 AND B&C, INCLUDING ENTRY TO COMMUNITY ROOM).							
09-07	PROVIDE CARPET TILE FINISH AND WOOD BASE- STAINED TO MATCH EXISTING T&G SIDING. FOR BASE, FIT TO EXISTING HEIGHT CONDITION. SEE FINISH PLAN FOR CARPET TYPE. SEE DET. 7/A8.21							
10-04	PROVIDE MOTORIZED SECURITY ROLL-UP GRILLE WITH KEYSWITCH ON BUTTON - SSD FOR EXTENT OF STRUCTURAL WORK FOR GUIDE RAIL MOUNTING. SALVAGE AND RE-INSTALL WALL T&G SIDING FINISHES IN KIND AS AFFECTED BY NEW WORK. PROVIDE NEW MATCHING IN KIND.							
10-05	RE-INSTALL (E) STAFF LOCKER AND CLOTHESE RACK. CONFIRM FINAL LOCATION WITH LIBRARY							
10-08	REINSTALL EXISTING SURFACE MOUNT FIRE EXTINGUISHER TO ACCESSIBLE COMPLIANT HEIGHT							
10-12	(E) ROOM ID AND RESTROOM GEOMETRIC SYMBOL TO REMAIN. ADJUST MOUNTING HEIGHT TO MEET 1/A9.13.							
11-01	SELF CHECK STATION - FURNISHED AND INSTALLED BY LIBRARY. SE ELECTRICAL DWG FOR POWER. SEE LV DWG FOR DATA							
11-02	OPAC STATION FURNITURE (BY FURNITURE CONTRACTOR) SEE ELECTRICAL DWG FOR POWER. SEE LV DWG FOR DATA							
11-03	LAPTOP LENDING KIOSK - FURNISHED AND INSTALLED BY LIBRARY. SEE ELECTRICAL DWG FOR POWER. SEE LV DWG FOR DATA							
11-04	BOOK DROP, MOUNTED +40 AFF TO BOTTOM OF OPENING							
12-01	PROVIDE ADJUSTABLE HEIGHT MOTORIZED SERVICE DESK, COUNTERTOP INCLUDING BASE CABINETS.							
12-02	(BY FURNITURE CONTRACTOR) - PROVIDE MEETING POD - 4 PERSON AND 2 PERSONS. FOR POWER, SEE ELECTRICAL DWG. SSD FOR SEISMIC ANCHORAGE							
12-03	(BY SHELVING CONTRACTOR) - PROVIDE METAL CANTILEVER DOUBL FACE SHELVING UNITS - SEE SHELVING SCHEDULE							
12-04	(BY SHELVING CONTRACTOR) - PROVIDE METAL CANTILEVERED SHELVING UNITS SINGLE FACED - SEE SHELVING SCHEDULE							
12-07	SLATWALL DISPLAY WITH PLASTIC LETTER SIZE HOLDERS -4X8							
12-09	PROVIDE ENTRANCE FLOOR GRILLE - 6' X 12'-6"							
12-10	(BY SHELVING CONTRACTOR) - MOBILE SHELVING UNIT - SEE SHELVING SCHEDULE							
12-11	(BY SHELVING CONTRACTOR) - RE-INSTALL SALVAGED WALL AND FREE STANDING UNITS FOR INSTALLATION AT STAFF AND FRIENDS OF LIBRARY AREA. FIELD VERIFY EXISTING INVENTORY FOR REUSE. CONFIRM FINAL LOCATION WITH LIBRARY.							
12-12	AREA FOR RECYCLE COLLECTION BINS (PAPER, PLASTICS, GLASS) FOR OCCUPANT USE - OWNER FURNISHED.							
26-01	PROVIDE POWER AND DATA RECEPTACLES FOR COMPUTER, PRINTER, AND DEVICES AT SERVICE DESK. SED, SEE LV DRAWINGS							
26-05	POWER MONUMENTS, CORE THROUGH CONCRETE AND TOP OF EXISTING FLUSH DUCTS. PATCH AS REQUIRED WITH FLOOR LEVELING COMPOUND. SED FOR LOCATION. COORDINATE FINAL LOCATION WITH FURNITURE PLAN, ARCHITECT AND LIBRARY REP							
26-12	REVIEW AND COORDINATE RACEWAY AND RECEPTACLE PLACEMEN WITH ARCHITECT, LIBRARY AND FURNITURE/WORKSTATION PLAN PRIOR TO INSTALLATION, TYP							







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# **GENERAL NOTES**

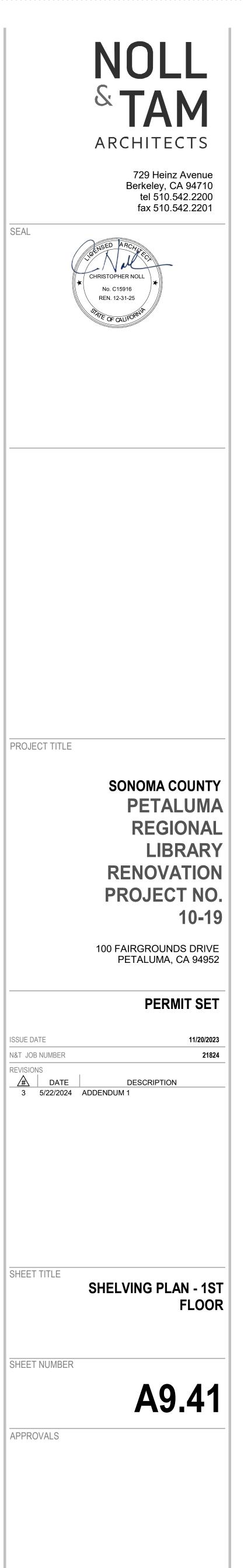
- 1. SHELVING TO BE BY SHELVING CONTRACTOR. COORDINATE WORK WITH
- CONTRACTOR. 2. SEE A9.42 FOR TYPICAL SHELVING DETAILS
- 3. SEE 11/G3.21 FOR TYPICAL SHELVING LAYOUT REQUIREMENTS.
- LIBRARY WILL HAVE STAFF AT SERVICE DESK TO ASSIST PATRONS TO REACH MATERIALS ON HIGH SHELVES.
- 5. FOR DOUBLE FACE SHELVING UNITS THE EXISTING SALVAGED WHITE PANELS IS TO BE RE-INSTALLED ONTO 90" SHELVING UNITS. QUANTITY TO BE VERIFIED BY SHELVING CONTRACTOR.
- 6. SHELVING TO BE ANCHORED TO FLOOR OR WALL U.O.N. UNITS WITH HEIGHTS BELOW 60" DO NOT NEED TO BE ANCHORED DOWN.
- MOBILE UNITS NOT TO EXCEED 4 SHELVING UNIT HIGH.
   PROVIDE PLAM END PANELS AND CANOPY TOP UNITS 42"-66" HIGH. CANOPY
- TOPS NOT REQUIRED FOR 90" UNITS.
- 9. WHERE SHELVING UNITS ARE INSTALLED ON WALL BETWEEN (E) COLUMNS, FIELD VERIFY LENGTHS

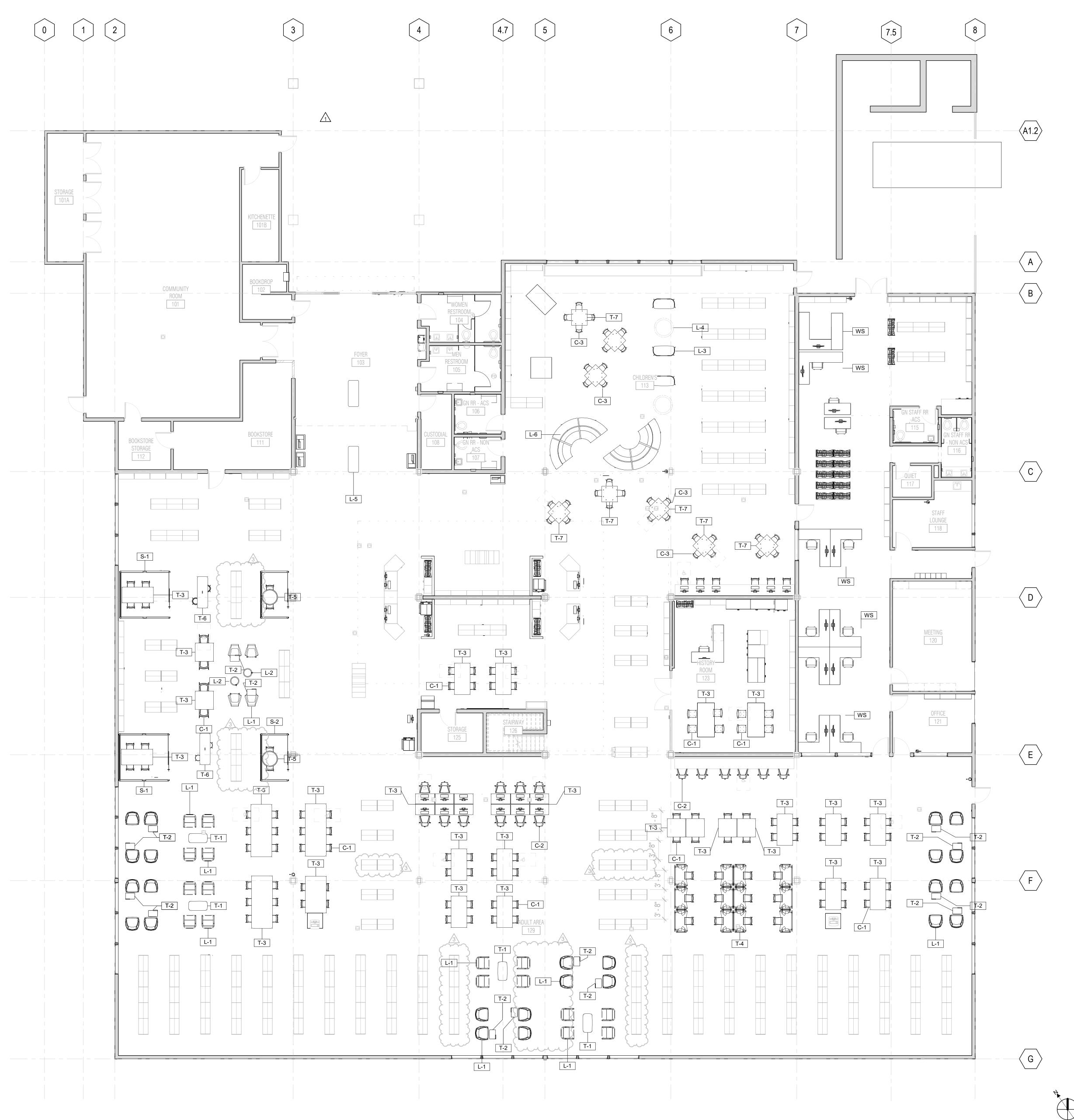
# **LEGEND**

# SHELVING TYPE ID

LIBRARY STACK SYSTEM - SHELVING SPECIFICATIONS										
wt	Qty	Shelf Count	Height	Width	Depth	Adjustable Shelf Depth	Type Comments			
		3								
ADULT	$\sim$	<u>λ</u>		01 01	41 40"	01 44"				
A E		6	7' - 6"	3' - 0"	1' - 10"	0' - 11"	DOUBLE			
N1 (	10	3	3' - 9"	3' - 0"	2' - 0"	0' - 11"	MOBILE			
ADULT - MED	1	r	41 01	21 01	01 01	01 44"				
E1	10	5	4' - 6"	3' - 0"	2' - 0"	0' - 11"	DOUBLE - MOBILE- PULLOUT BROWSING BOX			
M	8	7	7' - 6"	3' - 0"	1' - 1"	0' - 9"	SINGLE - PULLOUT BROWSNG BOX			
CHILDREN'S			4. 01	<u>.</u>	<u>a</u> , a,					
D	26	4	4' - 6"	3' - 0"	2' - 0"	0' - 11"	DOUBLE			
G	10	4	4' - 6"	3' - 0"	1' - 1"	0' - 9"	SINGLE			
Н	1	3	5' - 6"	3' - 0"	1' - 1"	0' - 4"	SINGLE - PERIODICAL DISPLAY BACK SHELF			
	16	5	5' - 6"	3' - 0"	1' - 1"	0' - 9"	SINGLE			
CHILDREN'S -	- MEDI		1	I	1		1			
E	4	4	4' - 6"	3' - 0"	2' - 0"	0' - 11"	DOUBLE - MOBILE- PULLOUT BROWSING BOX			
HISTORY	1				1	1	1			
K	9	4	7' - 6"	3' - 0"	1' - 1"	0' - 9"	SINGLE			
LUCKY DAY D	DISPLA	Y	1	1	1					
0	6		7' - 0"	3' - 0"	1' - 0"		SINGLE-SIDED			
ON-HOLD										
D1	3	4	5' - 0"	3' - 0"	2' - 0"	0' - 11"	DOUBLE - MOBILE			
L	6	6	7' - 6"	3' - 0"	1' - 1"	0' - 9"	SINGLE			
PERIODICAL	$\sim/$	3								
N2 <	15	3	3' - 9"	3' - 0"	2' - 0"	0' - 11"	PERIODICAL DISPLAY BACK SHELF - DOUBLE - MOBILE			
SPANISH										
D1	8	4	5' - 0"	3' - 0"	2' - 0"	0' - 11"	DOUBLE - MOBILE			
L	4	6	7' - 6"	3' - 0"	1' - 1"	0' - 9"	SINGLE			
SPANISH - ME	EDIA									
D2	2	4	5' - 0"	3' - 0"	2' - 0"	0' - 11"	DOUBLE - MOBILE- PULLOUT BROWSING BOX			
STAFF										
	4	6	7' - 6"	3' - 0"	1' - 1"	0' - 9"	SINGLE			
TEEN										
D1	6	4	5' - 0"	3' - 0"	2' - 0"	0' - 11"	DOUBLE - MOBILE			
L 3	Z	6	7' - 6"	3' - 0"	1' - 1"	0' - 9"	SINGLE			
N Ę	93	3	3' - 9"	3' - 0"	2' - 0"	0' - 11"	DOUBLE - MOBILE			
Grand total: 27	<u>x 7</u>	1	1	1	1	1	1			
L										

LIBRARY MISCELLANEOUS								
Type ID	Qt y	Height	Depth	Width	Type Comments			
LUCKY DAY [	ISPL	Δ٧						
P	2				MOBILE - TIER DISPLAY			
Grand total: 2				1				





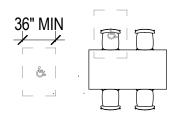
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# **GENERAL NOTES**

1. FURNITURE PLAN PROVIDED FOR REFERENCE ONLY. FURNITURE BY FURNITURE CONTRACTOR.

2. ACCESSIBLE SEATING CLEARANCE ARE NOTED FOR REFERENCE ONLY. WORK SURFACES TO BE ACCESSIBLE PER CBC 11B

	TABLE ID					
Type Mark	Description					
C-1	READER CHAIR					
C-2	COMPUTER CHAIR					
C-3	CHILDREN'S CHAIR					
L-1	LOUNGE CHAIR					
L-2	SMALL OTTOMAN					
L-3	LOVESEAT					
L-4	LARGE OTTOMAN					
L-5	BENCH					
L-6	SHELVING/SEATING COMBO					
S-1	STUDY POD-4 PERSON					
S-2	STUDY POD-2 PERSON					
T-1	COFFEE TABLE					
T-2	TABLET TABLE					
T-3	READER TABLE, SEE PLAN FOR DIMS					
T-4	STUDY CARRELL					
T-5	ROUND READER TABLE					
T-6	HIGH TOP TABLE					
T-7	CHILDREN'S TABLE					
WS	WORKSTATION					

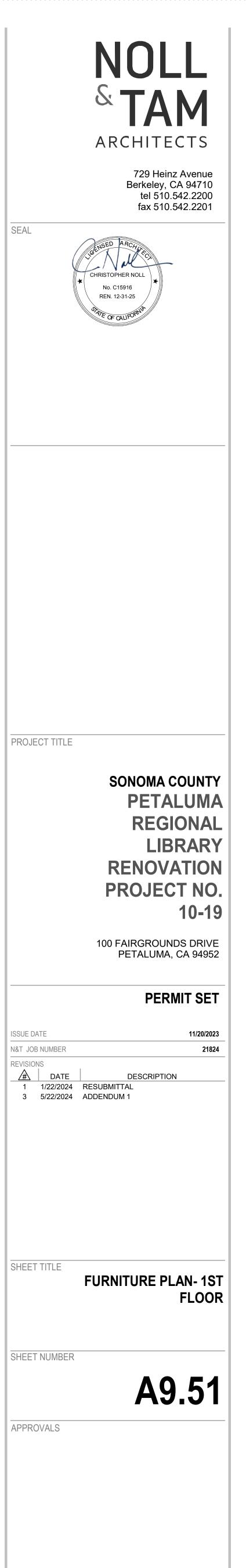


### FRONT/REAR ENTRY

0' 4' 8' 16'

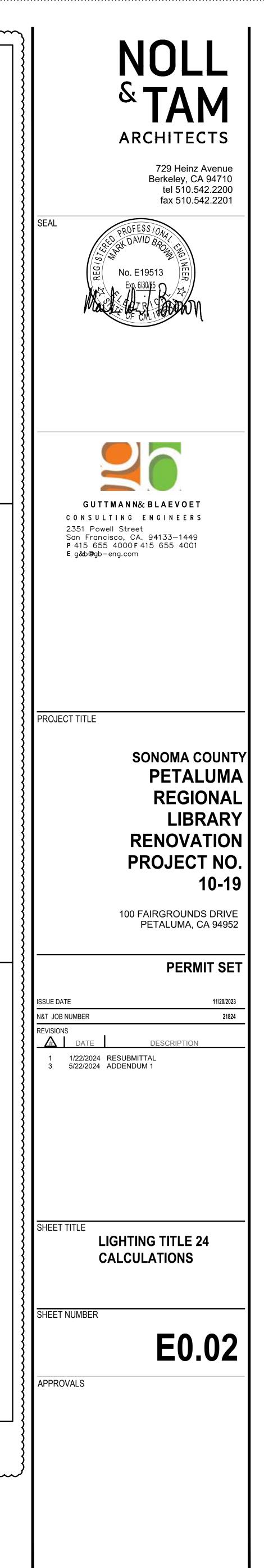
PER CBC 11B-802.1.2 & 11B-802.1.3

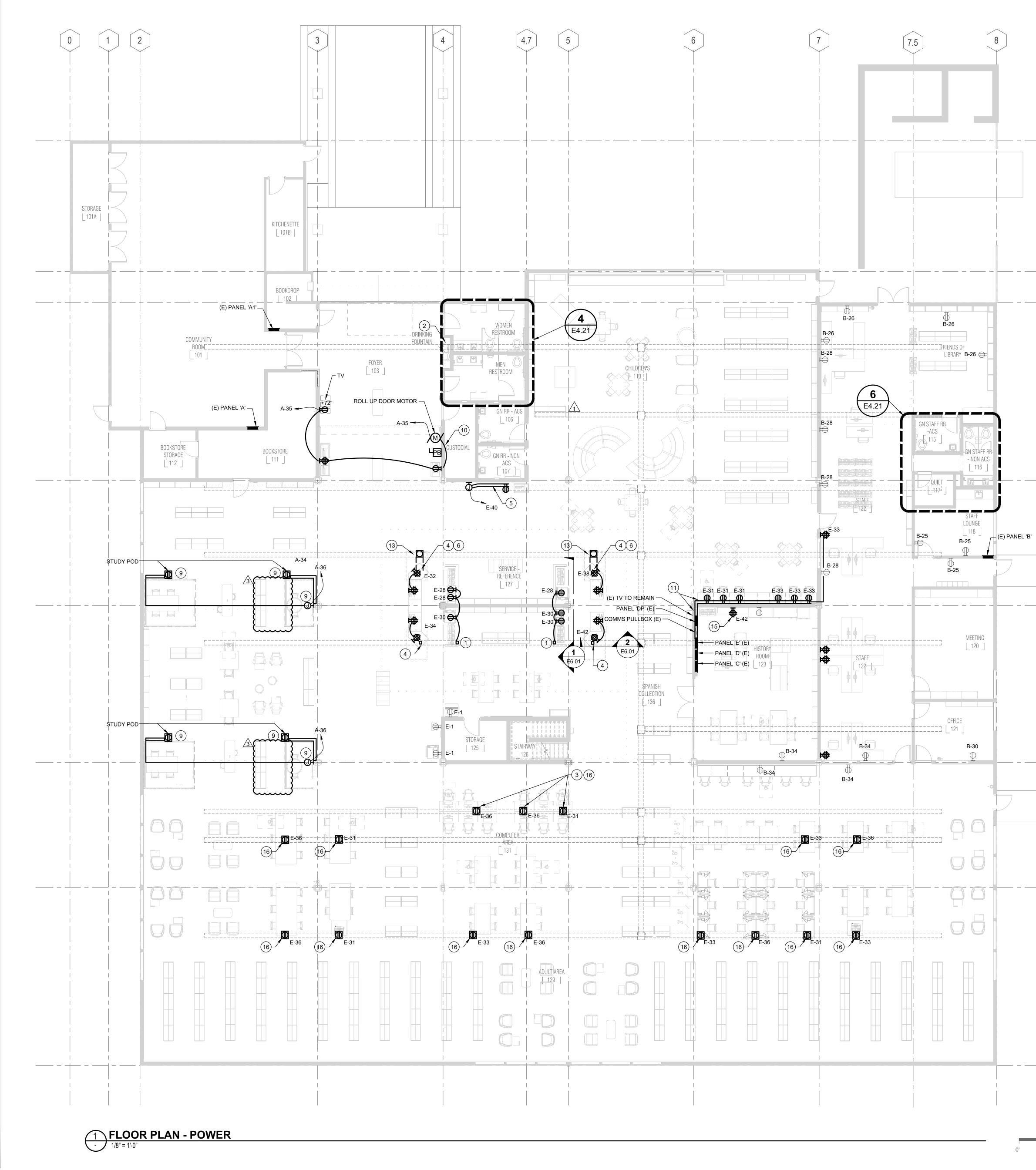




STATE OF CALIFORNIA Indoor Lighting CALIFORNIA ENERGY COMMISSIO	STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION	STATE OF CALIFORNIA Indoor Lighting
CERTIFICATE OF COMPLIANCE       NRCC-LTI-         Project Name:       PETALUMA REGIONAL LIBRARY REFRESH       Report Page:       (Page 7 of 8)	CERTIFICATE OF COMPLIANCE       NRCC-LTI-E         Project Name:       PETALUMA REGIONAL LIBRARY REFRESH       Report Page:       (Page 4 of 8)	CERTIFICATE OF COMPLIANCE This document is used to demonstrate compliance with requirements in 110.9, 110.12(c), 130.0, 130.1, 140.6 and 141.0(b)2 for indoor lighting scopes using the prescriptive path for
Date Prepared: 5/22/202	Date Prepared: 5/22/2024	nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e) and 180.2(b)4 for indoor lighting scopes using the prescriptive path for multifamily occupancies. Multifamily includes dormitory and senior living facilities.
	F. INDOOR LIGHTING FIXTURE SCHEDULE	Project Name:PETALUMA REGIONAL LIBRARY REFRESHReport Page:(Page 1 of 2)Project Address:100 FAIRGROUNDS DRIVEDate Prepared:5/22/202
V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE Selections have been made based on information provided in this document. If any selections have been changed by the permit applicant, an explanation should be included in Table E.	<sup>2</sup> Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b). Wattage used must be the maximum rated for the luminaire, not the lamp.	
Additional Remarks. These documents must be provided to the building inspector during construction and any with "-A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html	annare, not the lamp.	A. GENERAL INFORMATION           01         Project Location (city)         PETALUMA         04         Total Conditioned Floor Area (ft <sup>2</sup> )         25,500
Form/Title Systems/Spaces To Be Field Verified	G. MODULAR LIGHTING SYSTEMS This section does not apply to this project.	02     Climate Zone     2     05     Total Unconditioned Floor Area (ft <sup>2</sup> )     0       03     Occupancy Types Within Project (select all that apply):     06     # of Stories (Habitable Above Grade)     1
NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.Whole Building Time Switch;NRCA-LTI-03-A - Must be submitted for automatic daylight controls.Whole Building;		• Library
NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls. Response;	H. INDOOR LIGHTING CONTROLS (Not including PAFs) This table includes lighting controls for conditioned and unconditioned spaces.	D. DROUFOT SCORE
	Building Level Controls 01 02 03	<b>B. PROJECT SCOPE</b> This table includes any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.6 / 170.2(e) or
	Mandatory Demand Response 110.12(c) Shut-off controls 130.1(c) / 160.5(b)4C	141.0(b)2 / 180.2(b)4 for alterations.         Scope of Work       Conditioned Spaces       Unconditioned Spaces
	Pass     Fail       Required >= 4,000W subject to multilevel     Whole Building Auto Time Switch     I	01         02         03         04         05           My Project Consists of (check all that apply):         Calculation Method         Area (ft <sup>2</sup> )         Calculation Method         Area (ft <sup>2</sup> )
	Area Level Controls         04         05         06         07         08         09         10         11         12	New Lighting System       Area Category Method       25500       Area Category Method       0         New Lighting System - Parking Garage       Image: Category Method       Image: Catego
	Area Description Category Brimary Exerction Area Controls	Total Area of Work (ft <sup>2</sup> )     25500     0
	Area Description       Category Primary Function Area       Controls       Controls       Controls       130.1(c) // 160.5(b)4A       Daylighting       Systems       Freid inspector         130.1(a) / 160.5(b)4A       130.1(b) / 160.5(b)4B       130.1(c) // 160.5(b)4C       Daylighting       Systems       Freid inspector         Pass       Fail	
	Beadily	
	Whole Building     All Other Space Types     Including     Dimmer     See Building Level     Included     Included     No     Included	
	Plan Sheet Showing Daylit Zones:	
Generated Date/Time: Documentation Software: EnergyPro CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: EnergyPro-5490-0524-0905	Generated Date/Time:       Documentation Software: EnergyPro         CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance       Report Version: 2022.0.000       Compliance ID: EnergyPro-5490-0524-0905	Generated Date/Time:       Documentation Software: EnergyPro         CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance       Report Version: 2022.0.000       Compliance ID: EnergyPro-5490-0524-0905
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Schema Version: rev 20220101 Compliance ID: EnergyPro-3490-0524-0905 Schema Version: rev 20220101 Report Generated: 2024-05-22 09:18:45	CA Building Energy Efficiency standards - 2022 Nonresidential Compliance       Report Version: 2022.0.000       Compliance ID: EnergyPro-3490-0524-0905         Schema Version: rev 20220101       Report Generated: 2024-05-22 09:18:45	CA Building Energy Enciency Standards - 2022 Nonresidential Compliance       Report Version: 2022.0.000       Compliance ID: EnergyPro-3490-0524-0905         Schema Version: rev 20220101       Report Generated: 2024-05-22 09:18:45
STATE OF CALIFORNIA Indoor Lighting	STATE OF CALIFORNIA	state of california Indoor Lighting
Indoor Lighting CALIFORNIA ENERGY COMMISSIO CERTIFICATE OF COMPLIANCE Resident Names DEStatution A RECIONAL LIBRARY RESPECT.	Indoor Lighting CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE  Derived Names - DETAILING RECIONAL LIBRARY RECEPTENT	CERTIFICATE OF COMPLIANCE NRCC-LTI-E
Project Name:PETALUMA REGIONAL LIBRARY REFRESHReport Page:(Page 8 of 8Project Address:100 FAIRGROUNDS DRIVEDate Prepared:5/22/202	Project Name:       PETALUMA REGIONAL LIBRARY REFRESH       Report Page:       (Page 5 of 8)         Date Prepared:       5/22/2024	Project Name:       PETALUMA REGIONAL LIBRARY REFRESH       Report Page:       (Page 2 of 8)         Date Prepared:       5/22/2024
DOCUMENTATION AUTHOR'S DECLARATION STATEMENT I certify that this Certificate of Compliance documentation is accurate and complete.	I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS	C. COMPLIANCE RESULTS If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for guidance.
Documentation Author Name: Documentation Author Signature:	Each area complying using the Complete Building or Area Category Methods per 140.6(b) are included in this table. Column 06 indicates if additional lighting power allowances per 140.6(c) or adjustments per 140.6(a) are being used . Conditioned Spaces	Allowed Lighting Power per 140.6(b) / 170.2(e) (Watts) Adjusted Lighting Power per 140.6(a) / 170.2(e) Compliance Results
Company:       Signature Date:         Guttmann & Blaevoet Consulting Engineers       2024-05-22         Address:       CEA/ HERS Certification Identification (if applicable):	01 02 03 04 05 06	Lighting in 01 02 03 04 05 06 07 08 09
15 W 3rd St.     City/State/Zip:     Phone:	Area Description     Complete Building or Area Category Primary Function Area     Allowed Density (W/ft <sup>2</sup> )     Area (ft <sup>2</sup> )     Allowed Wattage (Watts)     Additional Allowance / Adjustment	unconditioned Area Area Area Adjustments
Santa Rosa CA 95401     (707) 523-3010       RESPONSIBLE PERSON'S DECLARATION STATEMENT	PETALUMA REGIONAL LIBRARY REFRESHLibrary - Reading Area0.825,50020,400NoNo	combined for compliance per         Building         Category         Additional         140.6(c)37         =         Total         Designed         Control Credits         =         (Watts)           compliance per         140.6(c)1         140.6(c)2 / 140.6(c)2 / 140.6(c)2 / 170.2(e)48         170.2(e)48         Allowed         (Watts)         140.6(a)2 / 140.6(a)2 / 170.2(e)18         *Includes         140.6 / 170.2(e)
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.	TOTALS:     25,500     20,400     See Tables J, or P for detail	140.6(b)1 / 170.2(e)     170.2(e)4     170.2(e)4AV     (+)     (Watts)     170.2(e)1B       (See Table I)
<ol> <li>I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)</li> <li>The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.</li> </ol>	J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM	Conditioned         20,400         0         =         20,400         ≥         19,449         0         =         19449           Unconditioned         =         =         ≥         =
<ul> <li>4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.</li> <li>5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable</li> </ul>	This section does not apply to this project.	Controls Compliance (See Table H for Details) COMPLIES
inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy. Responsible Designer Name: Responsible Designer Signature:	K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE This section does not apply to this project.	Rated Power Reduction Compliance (See Table Q for Details)
Mark Brown     Date Signed:       Company:     Date Signed:       Guttmann and Blaevoet Consulting Engineers     2024-05-22		<b>D. EXCEPTIONAL CONDITIONS</b> This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.
Address: License: License: 1620 Montgomery Street, Suite 230 E19513	L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY This section does not apply to this project.	
City/State/Zip: Phone: San Francisco CA 94111 4156554000		E. ADDITIONAL REMARKS This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.
	M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING This section does not apply to this project.	
	N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED DECORATIVE /SPECIAL EFFECTS	
	This section does not apply to this project.	
Generated Date/Time: Documentation Software: EnergyPro	Generated Date/Time: Documentation Software: EnergyPro	Generated Date/Time: Documentation Software: EnergyPro
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: EnergyPro-5490-0524-0905	CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: EnergyPro-5490-0524-0905	CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: EnergyPro-5490-0524-0905
Schema Version: rev 20220101 Report Generated: 2024-05-22 09:18:45	Schema Version: rev 20220101 Report Generated: 2024-05-22 09:18:45	Schema Version: rev 20220101 Report Generated: 2024-05-22 09:18:45
	STATE OF CALIFORNIA Indoor Lighting CALIFORNIA ENERGY COMMISSION	STATE OF CALIFORNIA  Indoor Lighting  CALIFORNIA ENERGY COMMISSION
	CERTIFICATE OF COMPLIANCE       NRCC-LTI-E         Project Name:       PETALUMA REGIONAL LIBRARY REFRESH       Report Page:       (Page 6 of 8)	CERTIFICATE OF COMPLIANCE       NRCC-LTI-E         Project Name:       PETALUMA REGIONAL LIBRARY REFRESH       Report Page:       (Page 3 of 8)
	Date Prepared:         5/22/2024	Date Prepared: 5/22/2024
	O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE	F. INDOOR LIGHTING FIXTURE SCHEDULE
	O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERT VALOABLE MERCHANDISE	This table includes all planned permanent and portable lighting other than dwelling unit/ hotel/ motel room lighting. Multifamily dwelling unit and hotel/motel room lighting is
	This section does not apply to this project.	documented in Table T. If using Table T to document lighting in multifamily common use areas providing shared provisions for living, eating, cooking or sanitation, those luminaires are
		documented in Table T. If using Table T to document lighting in multifamily common use areas providing shared provisions for living, eating, cooking or sanitation, those luminaires are not included here. Designed Wattage: Conditioned Spaces
	This section does not apply to this project.         P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))         This section does not apply to this project.	not included here.           Designed Wattage: Conditioned Spaces           01         02         03         04         05         06         07         08         09         10           Small         Eveluded per
	P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF)) This section does not apply to this project.	not included here.           Designed Wattage: Conditioned Spaces           01         02         03         04         05         06         07         08         09         10
	P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))	not included here.         Designed Wattage: Conditioned Spaces         01       02       03       04       05       06       07       08       09       10         Name or Item Tag       Complete Luminaire Description       Modular (Track) Fixture       Small Aperture & Iuminaire <sup>2</sup> How is Wattage determined       Total Number of Luminaires       Excluded per 140.6(a)3 /       Design Watts       Page       Field Inspector
	P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF)) This section does not apply to this project. Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS	not included here.         Designed Wattage: Conditioned Spaces         01       02       03       04       05       06       07       08       09       10         Name or Item Tag       Complete Luminaire Description       Modular (Track) Fixture Color Change <sup>1</sup> Small Aperture & Color Change <sup>1</sup> Watts per luminaire <sup>2</sup> How is Wattage determined       Total Number of Luminaires       Excluded per 140.6(a)3 / 170.2(e)2C       Design Watts       Field Inspector         P1       P1       No       NA       53       Mfr. Spec       96       No       5,088       Image: P3 (W/4FT)       P3 (W/4FT)       No       NA       38       Mfr. Spec       14       No       532       Image: P3 (W/4FT)
	P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))         This section does not apply to this project.         Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS         This section does not apply to this project.	$\frac{1}{1} \frac{1}{1} \frac{1}$
	P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))         This section does not apply to this project.         Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS         This section does not apply to this project.         R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS	not included here.           Designed Wattsge: Conditioned Spaces           01         02         03         04         05         06         07         08         09         10           Name or Item Tag         Complete Luminaire Description         Small Aperture & Color Change <sup>1</sup> How is Wattage determined         Excluded pr 140.6(a)3 / 170.2(e)2C         Design Watts         Field Inspector           P1         P1         No         NA         53         Mfr. Spec         96         No         5,088         0         0         7           P2 (W/4FT)         P2 (W/FT)         No         NA         53         Mfr. Spec         248         No         2,356         0
	P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))         This section does not apply to this project.         Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS         This section does not apply to this project.         R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS         This section does not apply to this project.	not included here.           Designed Wattsge: Conditioned Spaces           01         02         03         04         05         06         07         08         09         10           Name or Item Tag         Complete Luminaire Description         Modular (Track) Fixture Color Change Color Change         Watts pr luminaire2         How is Wattage determined         Total Number of Luminaire3         Excluded per 140.6(a) / 170.2(e)2C         Design Watts         Field Inspector           P1         P1         No         NA         53         Mfr. Spec         96         No         5,088         0
	P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))         This section does not apply to this project.         Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS         This section does not apply to this project.         R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS         This section does not apply to this project.         S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)	not included here.           Designed Wattage: Conditioned Spaces           01         02         03         04         05         06         07         08         09         10           Name or Item Tag         Complete Luminaire Description         Modular (Track) Fixture Color Changel         Small Aperture & Color Changel         Watts per luminaire <sup>2</sup> How is Wattage determined         Total Number of Luminaire         Excluded per 140.6(a]3 / 170.2(e)2C         Design Watts         Field Inspector           P1         P1         No         NA         53         Mfr. Spec         96         No         5,088
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	P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))         This section does not apply to this project.         Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS         This section does not apply to this project.         R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS         This section does not apply to this project.         S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)         This section does not apply to this project.         This section does not apply to this project.         U. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION	not included here.           Designed Wattsee: Conditioned Spaces           01         02         03         04         05         06         07         08         09         10           Name or Item Tag         Complete Luminaire Description         Modular (Track) Fixture Color Changet         Small Aperture & color Changet         Watts per luminaire <sup>2</sup> How is Wattage determined         Total Number of Luminaires         Excluded per 140.6(3) / 170.2(e)2C         Design Watts         Field Inspector           P1         P1         No         NA         53         Mfr. Spec         96         No         5,088
	P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))   This section does not apply to this project.     Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS   This section does not apply to this project.     R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS   This section does not apply to this project.     S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)   This section does not apply to this project.     T. DWELLING UNIT LIGHTING   This section does not apply to this project.	Designed Wattsge: Conditioned Spaces01020304050607080910Name or Item TagComplete Luminaire DescriptionModular (frack Fixture (frack) Fixture <b< td=""></b<>
	P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))   This section daes not apply to this project.   Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS   This section does not apply to this project.   R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS   This section does not apply to this project.   S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)   This section does not apply to this project.   This section does not apply to this project.   DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)   This section does not apply to this project.   T. DWELLING UNIT LIGHTING   This section does not apply to this project.   D. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION   Selections have been made based on information provided in this document. If any selections have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online	not included here.           Designed Wattage: Conditioned Spaces         O         O         O         O         O         O         O         O         O         O         O           Name or item Tag         Complete Luminaire Description         Modular (Track ) Fixture (Track ) Fixture (Color Change*         Small Aperture & color Change*         Watts per determined*         Total Number full.06(3) / 170.2(01 cuminaire)         Excluded per 140.6(3) / 170.2(01 cuminaire)         Person to the Pass         Field Inspector           P1         P1         No         No         AS         Mfr. Spec         96         No         5,088
	P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF)) This section does not apply to this project.  O. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS This section does not apply to this project.  R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS This section does not apply to this project.  S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF) This section does not apply to this project.  S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF) This section does not apply to this project.  I. DWELLING UNIT LIGHTING This section does not apply to this project.  U. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION Selections have been made based on information provided in this document. If any selections have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online	Pate include here.           Designed Wattage: Conditioned Spaces           01         02         03         04         05         06         07         08         09         10           Name or item Tag         Complete Luminaire Description         Modular (Track) Fixture Col C NAge         Small Aperture & Col C NAge         Watts per iluminaire2         How is Wattage determined         Total Number of Luminaires         Excluded per 170.2(e)2c         Pass         Fail           P1         P1         No         NA         53         Mfr. Spec         96         No         5,088         □           P2 (W/4FT)         P3 (W/4FT)         No         NA         9.5         Mfr. Spec         14         No         532         □         □           P38 (W/4FT)         P38 (W/4FT)         No         NA         38         Mfr. Spec         31         No         1,254         □           P38 (W/4FT)         P38 (W/4FT)         No         NA         38         Mfr. Spec         3         No         1,254         □           P38 (W/4FT)         P38 (W/4FT)         No         NA         24         Mfr. Spec         3         No         1,224         □           P5         P5
	P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))   This section daes not apply to this project.   Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS   This section does not apply to this project.   R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS   This section does not apply to this project.   S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)   This section does not apply to this project.   This section does not apply to this project.   DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)   This section does not apply to this project.   T. DWELLING UNIT LIGHTING   This section does not apply to this project.   D. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION   Selections have been made based on information provided in this document. If any selections have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online	hot included here.           Designed Wattage: Conditioned Spaces           01         02         03         04         05         06         07         08         09         1           Name or item Tag         Complete Luminaire Description         Small Aperture & (Track / Fixture / Consequence of Luminaires         Total Number of Luminaires         Excluded per 140.6(a)3/ 170.2(c)2         Field Inspector           P1         P1         No         NA         53         Mfr. Spec         96         No         5,088
	P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))         This section does not apply to this project.         Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS         This section does not apply to this project.         R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS         This section does not apply to this project.         S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)         This section does not apply to this project.         S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)         This section does not apply to this project.         T. DWELLING UNIT LIGHTING         This section does not apply to this project.         U. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION         Selections have been made based on information provided in this document. If any selections have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online         Form/Title         NRCI-LTLE - Must be submitted for all buildings	Pot included here.           Designed Wattage: Conditioned Spaces           01         02         03         04         05         06         07         08         09         10           Name or item Tag         Complete Luminaire Description         Modular (Track) Fixture Color Change <sup>1</sup> Small Aperture & Color Change <sup>1</sup> Watts per luminaire <sup>2</sup> How is Wattage determined         Otal Number of Luminaires         Excluded per 140.6(a) J 170.2(e)(2)         Field Inspector           P1         P1         No         NA         53         Mfr. Spec         96         No         5,088             P2 (W/4FT)         P3 (W/4FT)         No         NA         38         Mfr. Spec         248         No         2,356             P3 (W/4FT)         P3 (W/4FT)         No         NA         38         Mfr. Spec         30         No         1,254             P3 (W/4FT)         P3 (W/4FT)         No         NA         24         Mfr. Spec         3         No         1,224             P3 (W/4FT)         P3 (W/4FT)         No         NA         24         Mfr. Spec         8         No         112

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# SHEET NOTES:

- 1 STUB CONDUIT UP WITHIN PARTIAL HEIGHT WALL AND ROUTE TO FLUSH-MOUNTED RECEPTACLES. SEE DETAIL 1/E6.01 FOR REQUIREMENTS.
- 2 MOUNT RECEPTACLE ON WALL AND WITHIN VERTICAL FOOTPRINT ON DRINKING FOUNTAIN COORDINATE LOCATION WITH PLUMBING CONTRACTOR AND WITH FINAL LOCATION OF DRINKING FOUNTAIN IN FIELD.
- 3 RELOCATE EXISTING FLOOR RECEPTACLES AS REQUIRED TO SERVE NEW COMPUTER AREA FLOOR PLAN. PROVIDE COVER PLATE OR CONDUIT KNOCKOUT PLUG AS REQUIRED.
- (4) STUB CONDUIT UP WITHIN SERVICE DESK AND ROUTE TO RECEPTACLES. SEE DETAIL 1/E6.01 FOR
- REQUIREMENTS.
- (5) PROVIDE SINGLE CHANNEL, SURFACE MOUNTED, ALUMINUM RACEWAY FROM JUNCTION BOX TO LOCATION SHOWN. PROVIDE DUPLEX RECEPTACLE IN RACEWAY. VERIFY EXISTING HOMERUN TO JUNCTION BOX.
- (6) INTERCEPT AND EXTEND EXISTING POWER AND DATA RACEWAY TO LOCATION SHOWN. TRENCH PROVIDED BY A SEPARATE DIVISION. (7) NOT USED.
- 8 NOT USED.

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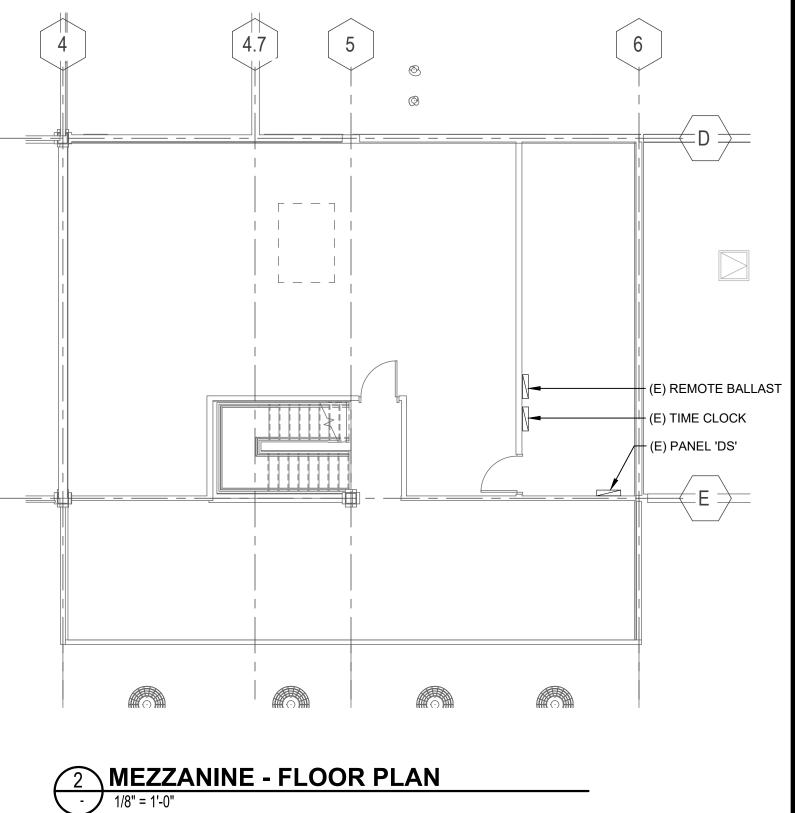
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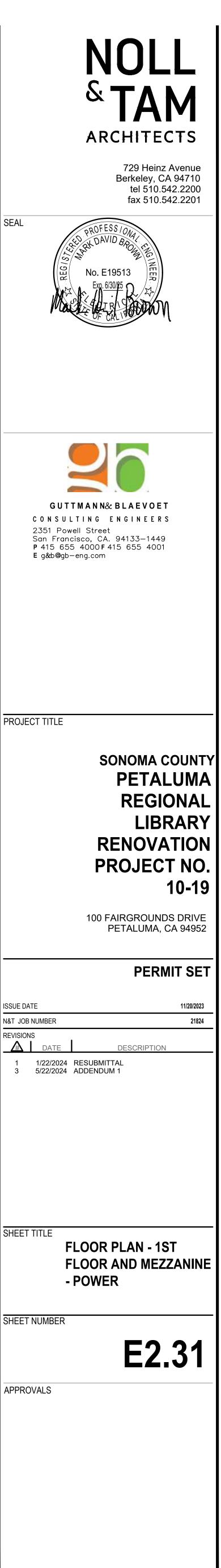
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- 9 ROUTE CONDUIT FROM TRUSS-MOUNTED JUNCTION BOX (CONTAINING THE HOMERUN), ALONG TRUSS THAT'S OVER THE STUDY POD, DOWN THE COLUMN BETWEEN THE COLUMN AND STUDY POD, AND TRANSITION TO FLOOR-MOUNTED RACEWAY. TERMINATE FLOOR-MOUNTED RACEWAY IN FRONT OF STUDY POD POINT OF CONNECTION. SEE DETAILS. PROVIDE GFCI CIRCUIT BREAKER AT PANEL. PROVIDE P-TOUCH LABEL WITH THE FOLLOWING INFORMATION: MINIMUM CURRENT: 12 AMPS MAXIMUM VOLTAGE: 120 VAC MAX
- MAX LOADING OF INTERNAL OUTLETS: 1.2 KILOWATTS
- (10) RE-USE EXISTING CONDUIT PATHWAY FOR CONTROL WIRING CONNECTION FROM ROLL-UP DOOR MOTOR TO KEY SWITCH. PROVIDE CONTROL WIRING AS REQUIRED. 1 PROVIDE CONDUIT FROM PANEL 'E' AND STUB OUT 24" ABOVE TOP OF PANEL AND TRANSITION TO SURFACE
- MOUNTED RACEWAY. ROUTE RACEWAY HORIZONTALLY ACROSS WALL. PROVIDE CONDUIT PENETRATION OF WALL TO CHILDREN'S AREA, VERTICALLY ROUTE SURFACE MOUNTED RACEWAY DOWN TO HORIZONTAL, DUAL - CHANNEL RACEWAY MOUNTED +18 A.F.F. TO BOTTOM OF RACEWAY.
- (12) NOT USED.
- (13) REMOVE EXISTING POWER AND DATA WIRING, TRENCH CUTTING AND RACEWAY CUTTING TO INSTALL FLOORBOX.
- (14) NOT USED.
- (15) SURFACE MOUNT QUADRAPLEX RECEPTACLE.
- (16) PROVIDE RECEPTACLE MONUMENT AT LOCATION SHOWN. COORDINATE RECEPTACLE LOCATION WITH EXISTING POWER CHANNEL IN EXISTING IN-FLOOR WIREWAY. SECURE TO TOP OF RACEWAY AND PROVIDE REQUIRED PENETRATIONS INTO WIREWAY.

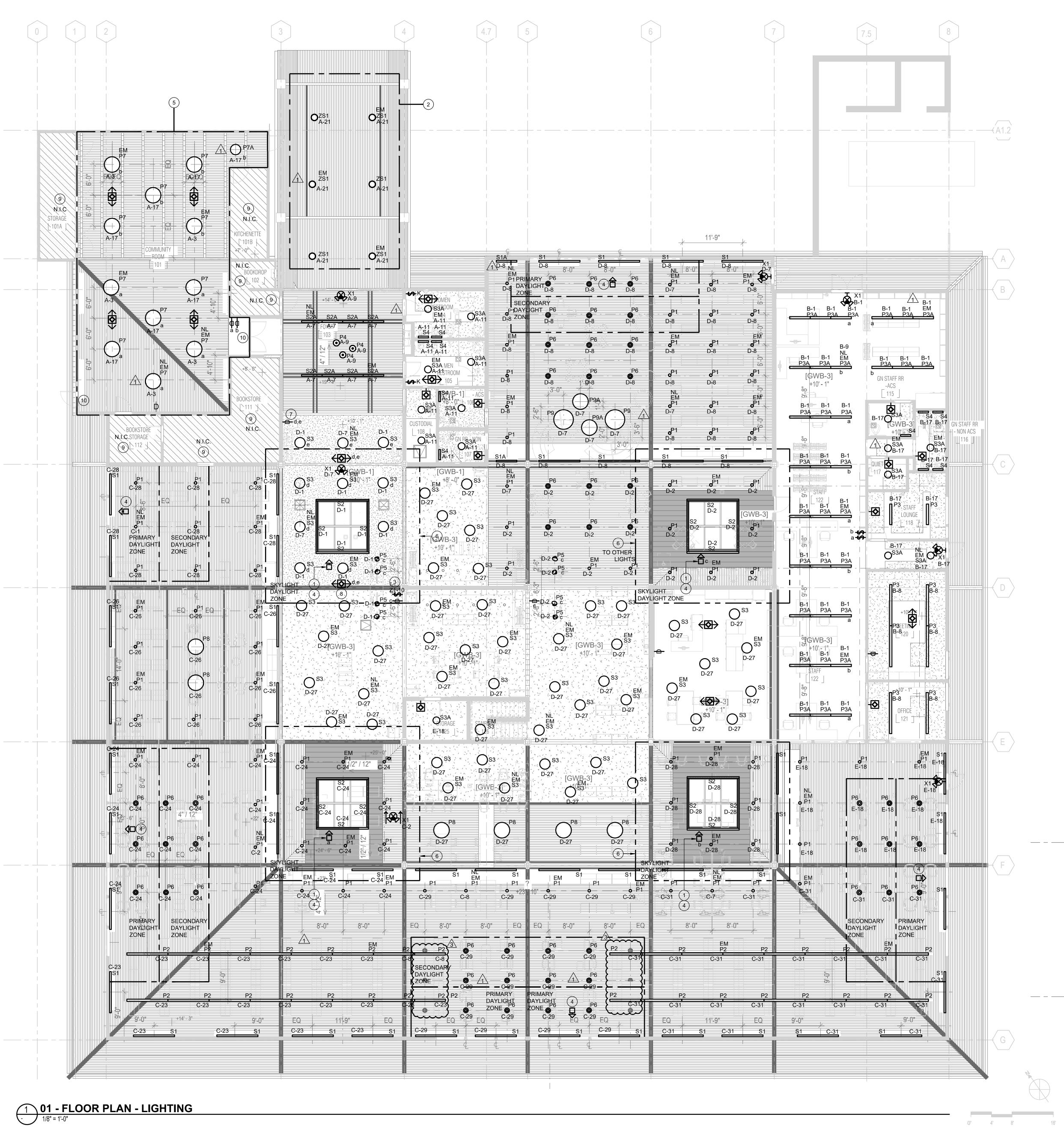


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## **GENERAL NOTES:**

- A. SWITCHES TO BE WHITE THROUGHOUT EXCEPT WHEN ON A WOOD WALL. A SWITCH ON A WOOD WALL SHOULD MATCH THE FINISH OF THE WALL AS CLOSELY AS POSSIBLE.
- B. PROVIDE SEISMIC RETRAINTS TO PENDANT FIXTURES THAT CANNOT SWING AT 45 DEGREE WITHOUT HITTING ANOTHER OBJECT OR STRUCTURE/WALL.
- C. PROVIDE DIMMING OR ON/OFF CONTROLS PER FIXTURE TYPES PER DESIGN. FIELD VERIFY EXISTING WIRING/CIRCUITING AND PROVIDE DIMMING RELAYS AS REQUIRED. DESIGN INTENT CIRCUITING SHOWN PER AVAILABLE AS-BUILT DOCUMENTS.

## **SHEET NOTES:**

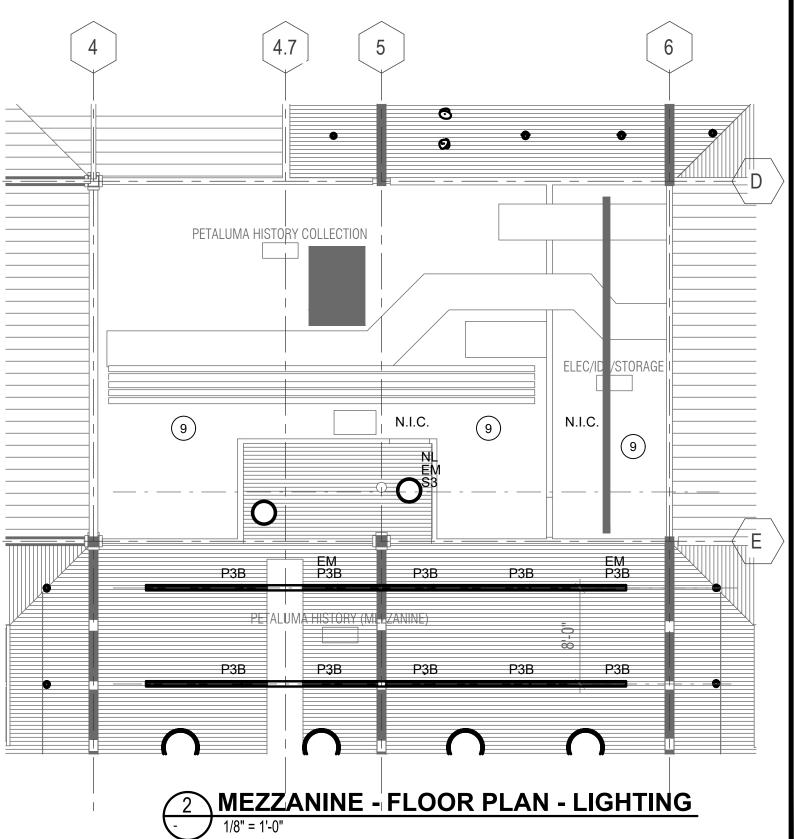
- PROVIDE NEW WIRELESS DAYLIGHTING SENSOR (USE LUTRON VIVE "LRFZ" SERIES SENSOR). PROVIDE A POW PAK WIRELESS RELAY MODULE AS REQUIRED. FIELD VERIFY LOCATION. WIRE IN-SERIES WITH EXISTING CIRCUIT HOMERUN TO TIMECLOCK.
- (2) ALL TYPE ZS1 FIXTURES TO BE ADDED ONLY IF ADD ALTERNATE #2 IS APPROVED.
- 3 PROVIDE LCP OVERRIDE CONTROL SWITCH FOR 10 ZONES. REFER TO ZONE LEGEND BELOW.
- (4) SENSOR TO AUTOMATICALLY DIM NEW LIGHTS DOWN (INTEGRAL SENSOR AND DIMMING CONTROL) IN THE DAYLIT ZONE WHEN DAYLIGHT IS GREATER THAN 150% OF GENERAL LIGHTING.
- 5 LIGHTING IN COMMUNITY ROOM TO BE ADDED ONLY IF ADD ALTERNATE #3 IS APPROVED.
- 6 DAYLIGHTING ZONE SKYLIGHT. COORDINATE PROGRAMMING OF DAYLIGHTING SENSOR WITH CONTROLS VENDOR.
- 7 NEW WIRELESS DIMMER CONTORL (USE LUTRON VIVE "PICO" CONTROLLER 3-BUTTON WITH RAISE/LOWER).
- 8 NEW WIRELESS OCCUPANCY SENSOR (USE LUTRON VIVE "LRF2" SERIES SENSOR). PROVIDE POW PACK WIRELESS RELAY MODULE AS REQUIRED. FIELD VERIFY LOCATION.
- (9) NO LIGHTING/LIGHTING CONTROL WORK IN THIS AREA.
- (10) EXISTING EXIT SIGN TO REMAIN.  $\bigwedge$

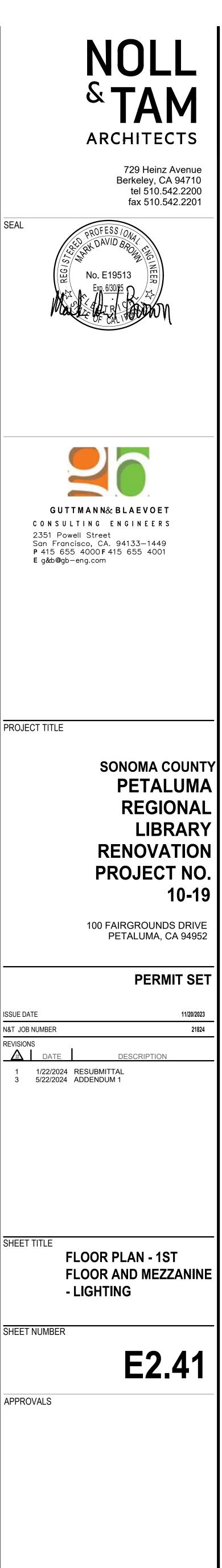
### **NEW EM LIGHTING AND CONTROLS NOTES:**

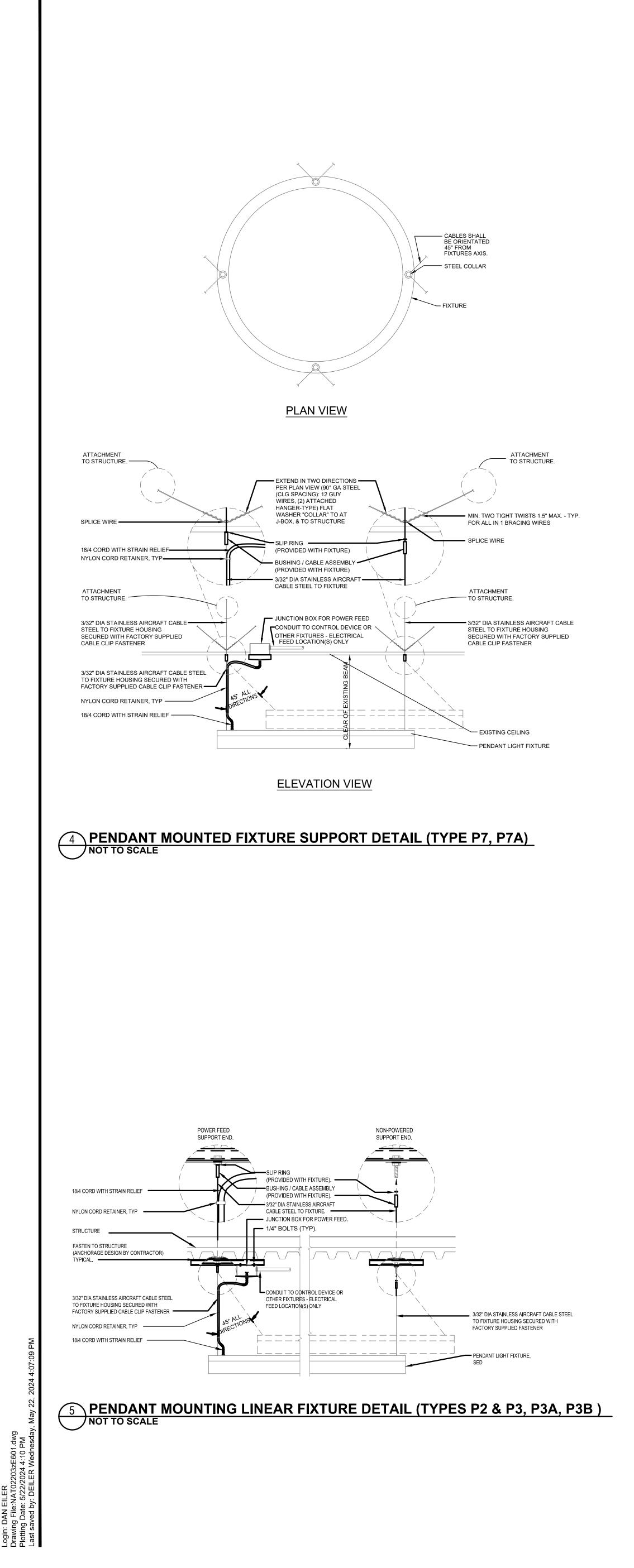
- N1. PROVIDE NEW TIMECLOCK RELAY PANEL WITH OVERRIDE SWITCHES FOR THE MAIN LIBRARY LIGHTING. LOCATE OVERRIDE CONTROLS AT THE EXISTING PANELS LOCATIONS (TO REPLACE THE CURRENT OVERRIDE SWITCHES).
- N2. PROVIDE LIBRARY LUMINAIRES IN DAYLIT ZONES WITH INTEGRAL DAYLIT SENSORS.
- N3 PROVIDE 90 MIN. INTEGRAL BATTERY BACK UP TO LUMINAIRES IN PATH OF EGRESS (CHECK THAT CIRCUITS ARE NOT BEING CONTROLLED AND POWER IS ON 24x7)
- N4 PROVIDE INTEGRAL DAYLIT SENSOR TO THE ENTRY CANOPY LIGHTS
- N5 PROVIDE NEW EXIT SIGNS (TO REPLACE EXISTING) WITH INTEGRAL BATTERY BACK UP.
- N6 PROVIDE INTEGRAL BATTERY BACK UP TO LIGHTS AT EGRESS PATHWAYS

## LCP OVERRIDE SWITCH CONTROL ZONE LEGEND:

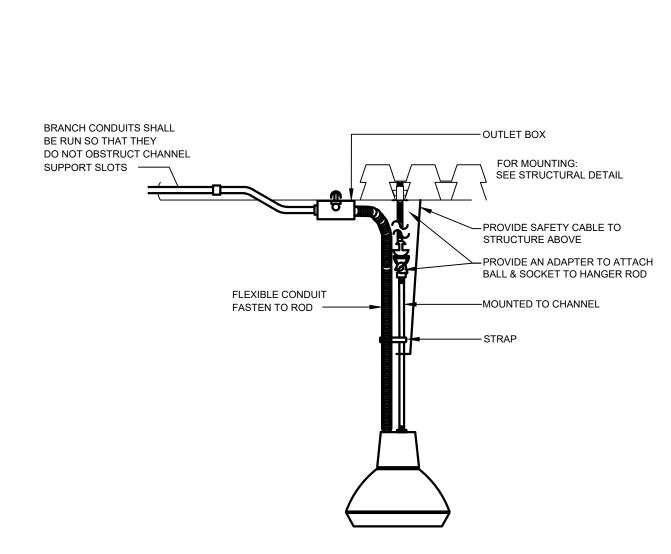
- ZONE #1 ALL CEILING UPLIGHTS, TYPE S1. ZONE #2 ALL SKYLIGHT GRAZERS, TYPE S2.
- ZONE #3 GENERAL LIGHTING IN MEDIA AREA, TYPE P1 ZONE #4 - GENERAL LIGHTING IN TEEN AREA, TYPES P1, P6 AND P8
- ZONE #5 GENERAL LIGHTING IN ADULT AREA, TYPES P1 AND P6 ZONE #6 - GENERAL LIGHTING IN BOOKSTACKS, TYPE P2
- ZONE #7 GENERAL LIGHTING IN CHILDREN'S AREA, TYPES P1, P6, P9 AND P9A
- ZONE #8 GENERAL LIGHTING IN BAYS WITH SKYLIGHT, TYPE P1 ZONE #9 - GENERAL LIGHTING IN LOW CEILING AREA, TYPE S3
- ZONE #10 ALL LIGHTING IN STAIR AND MEZZANINE, TYPES S3 AND P3







# 3 PENDANT MOUNTED FIXTURE SUPPORT DETAIL (TYPE P8, P9, P9A) NOT TO SCALE



SSP

1 RECEPTACLE IN FIRE RATED WALL NOT TO SCALE

METALLIC MUD RING

FIRESTOP

PUTTY PAD

METALLIC OR NON-METALIC OUTLET BOX

LABEL TO READ

LABEL TO READ

L2-30-

LABEL TO READ

2 RECEPTACLE LABELING NOT TO SCALE

3. PROVIDE COMPLETE MOUNTING ACCESSORIES, SUPPORT BRACKETS, CLIPS, ETC. AS APPLICABLE TO THE FINISH CEILING OR CEILING STRUCTURE AS REQUIRED. ARCHITECT TO CONFIRM ALL FINISHES.

			INTERIOR LIGHTING F	and the second second	case ontre			· · · · · · · · · · · · · · · · · · ·		
TYPE	DESCRIPTION	MOUNTING	MANUFACTURER/ CATALOG #	LAMP	DRIVER	VOLTS	INPUT WATTS	FINISH	WEIGHT	LOCATION
P1	6" DIAMETER CYLINDER UGHT WITH 0-10V DIMMING. NOTE: PROVIDE 90 MINUTE EM BATTERY BACKUP TO FIXTURES WITH 'EM' ON PLANS. SEE LIGHTING PLANS.	PENDANT (CEILING MOUNT) BOTTOM OF FIXTURE TO BE 3'-0" FROM ITS SUSPENSION POINT	LUMINIS AR 160-L 1L40-MULTI VOLT-FINISH-FS-K3D- SPG FIXTURES WITH EM: ADD EMLC2	LED 3000K CCT/90 CRI 4019 LM	INTEGRAL DIMMABLE	MULTI VOLT	53 W	BY ARCHITECT	8.8 LBS	GENERAL LIGHTING
P2	SUSPENDED LINEAR LIGHT WITH DIRECT OPTIC, 8' AND 6' SECTIONS PLACED END TO END WITH 0-10V DIM NOTE: PROVIDE 90 MINUTE EM BATTERY BACKUP TO FIXTURES WITH 'EM' ON PLANS. SEE LIGHTING PLANS.	PENDANT (CEILING MOUNT) BOTTOM OF FIXTURE AT 10'-0" AFF.	FLUXWERX LIGHTING FD1-A-B-D-93-FINISH-LENGTH PER PLAN- S-F2-M-12-OPTIONS-CONTROLS FIXTURES WITH EM: ADD B# (See plans for # of EM futures)	LED 3000K CCT/90 CRI 3900 LM/4FT	INTEGRAL DIMMABLE	MULTI VOLT	9.5 W/FT	BY ARCHITECT	3.4 LB/FT	BOOK STACKS
P3	SAME AS TYPE P2 BUT WITH 20% INDIRECT AND 80% DIRECT OPTIC.	PENDANT (CEILING MOUNT) BOTTOM OF FIXTURE TO BE 1'-6" FROM ITS SUSPENSION POINT	FLUXWERX LIGHTING FD1-A-D-D-90-FINISH-08-S-F2-M-03- OPTIONS-CONTROLS	LED 3500K CCT/90 CRI 4150 LM/4FT	INTEGRAL DIMMABLE	MULTI VOLT	38 W/4 FT	BY ARCHITECT	3.4 LB/FT	CONFERENCE
РЗА	SAME AS P3 BUT WITH 4' SECTIONS NOTE: PROVIDE 90 MINUTE EM BATTERY BACKUP TO FIXTURES WITH 'EM' ON PLANS. SEE LIGHTING PLANS.	PENDANT (CEILING MOUNT) BOTTOM OF FIXTURE TO BE 1'-6" FROM ITS SUSPENSION POINT	FLUXWERX LIGHTING FD1-A-D-D-90-FINISH-04-S-F2-M-03- OPTIONS-CONTROLS FIXTURES WITH EM: ADD B#	LED 3500K CCT/90 CRI 4150 LM/4FT	INTEGRAL DIMMABLE	MULTI VOLT	38 W/4 FT	BY ARCHITECT	3.4 LB/FT	STAFF AREA
P3B	SAME AS TYPE P3 BUT WITH DIFFERENT COLOR TEMPERATURE NOTE: PROVIDE 90 MINUTE EM BATTERY BACKUP TO FIXTURES WITH 'EM' ON PLANS. SEE LIGHTING PLANS.	PENDANT (CEILING MOUNT) BOTTOM OF FIXTURE TO BE 1'-6" FROM ITS SUSPENSION POINT	FLUXWERX LIGHTING FD1-A-D-D-93-FINISH-08-S-F2-M-03- OPTIONS-CONTROLS FIXTURES WITH EM: ADD B# (see plans for # of EM fotures)	LED 3000K CCT/90 CRJ 4150 LM/4FT	INTEGRAL DIMMABLE	MULTI VOLT	38 W/4 FT	BY ARCHITECT	3.4 LB/FT	MEZZANINE
P4	DECORATIVE PENDANT LIGHT	PENDANT (STRUCTURE) BOTTOM OF FIXTURE AT 10'-6" - 11'-0" AFF. REFER TO ARCHITECTURAL ELEVATION ON SHEET A5.11.	GREGG SOSPENSIONE XL WITH GREEN CREATIVE LED BULB #36169	LED 3000K CCT/82 CRI 3100 LM	INTEGRAL DIMMABLE	MULTI VOLT	24 W	STANDARD	13 LB	ENTRANCE
P5	DECORATIVE SMALL SCALE PENDANT	PENDANT (CEILING) BOTTOM OF FIXTURE AT 7-0° AFF	PEBBLE PEB-P-PRIMARY-SECONDARY-UNV- 120/277	LED 2700K CCT/90 CRI 1038 LM	INTEGRAL DIMMABLE	MULTI VOLT	14 W	BY ARCHITECT	18 LB	REGISTRATION DESK
P6	DECORATIVE PENDANT LIGHT	PENDANT (CEILING) BOTTOM OF FIXTURE AT 9'-6" AFF	MUUTO STRAND OPEN 15.7" WITH GREEN CREATIVE LED BULB #36169	LED 3000K CCT/82 CRI 3100 LM	INTEGRAL DIMMABLE	MULTI VOLT	24 W	STANDARD	4 LB	READING AREA
P7	36" DIAMETER ROUND SUSPENDED LIGHT (ONLY IF ADD ALTERNATE #3 IS APPROVED) NOTE: PROVIDE 90 MINUTE EM BATTERY BACKUP TO FIXTURES WITH 'EM' ON PLANS. SEE LIGHTING PLANS.	PENDANT (CEILING) TOP OF FIXTURE TO BE JUST CLEAR OF THE EXISTING BEAMS	FOCAL POINT FSDEP-3-FL-5000DN-500UP-930K-1C-UNV- L11-C24-FINISH FIXTURES WITH EM: ADD Bodine BSL6LST battery backup (see plans for # of EM futures)	LED 3000K CCT/90 CRI 1 5000 LM	INTEGRAL DIMMABLE	MULTI VOLT	43 W	BY ARCHITECT	48 LB	COMMUNITY ROOM
P7A	SAME AS TYPE P7 BUT WITH 24" DIAMATER (ONLY IF ADD ALTERNATE #3 IS APPROVED) NOTE: PROVIDE 90 MINUTE EM BATTERY BACKUP TO FIXTURES WITH 'EM' ON PLANS. SEE LIGHTING PLANS.	PENDANT (CEILING) TOP OF FIXTURE TO BE JUST CLEAR OF THE EXISTING BEAMS	FOCAL POINT FSDEP-2-FL-3000DN-500UP-930K-1C-UNV- L11-C24-FINISH FIXTURES WITH EM: ADD Bodine BSL6LST battery backup (see plans for # of EM fotures)	LED 3000K CCT/90 CRI 1 3000 LM	INTEGRAL DIMMABLE	MULTI VOLT	26 W	BY ARCHITECT	24 LB	COMMUNITY ROOM
P8	32" DIA DECORATIVE ACOUSTIC PENDANT	CEIUNG) BOTTOM OF FIXTURE AT 12'-6" AFF	AXOLIGHT US-LAY F XXE26-BW-XX-LED-E26 9X13W	LED 2700K CCT/80 CRI 14400 LM	3 INTEGRAL DIMMABLE	MULTI VOLT	1 1-	3 BY ARCHITECT	55.33 LB	GENERAL LIGHTING
<u>/3</u> P9	41.5°DIA DECORATIVE ACOUSTIC PENDANT IN CHILDRENS	PENDANT (CEILING) 3 BOTTOM OF FIXTURE AT 12'-6" AFF	AXOLIGHT US-LAY A XXE26-BW-E26 9X13W	LED 2700K CCT/80 CRI 14400 LM	INTEGRAL DIMMABLE	MULTI VOLT	[117 W]	3 BY ARCHITECT	55.33 LB	CHILDREN'S AREA
P9A	32" DIA DECORATIVE ACOUSTIC PENDANT IN CHILDRENS AREA	PENDANT (CEILING) BOTTOM OF FIXTURE AT 12'-6" AFF	AXOLIGHT US-LAY F XXE26-BW-XX-LED-E26 9X13W	LED 2700K CCT/80 CRI 3300 LM	3 INTEGRAL DIMMABLE	MULTI VOLT	26 W	3 BY ARCHITECT	55.76 LB	CHILDREN'S AREA
R1 S1	8' LONG WALL MOUNTED LIGHT WITH INDIRECT ASYMMETRIC OPTIC	SURFACE (WALL)	SPI LIGHTING EIW11910-L31W-120-277V-90 CRI (MOD)- 3000K-BRK-DF_DIM1-FINISH	LED 3000K CCT/90 CRI (MOD) 2890 LM	INTEGRAL DIMMABLE	UNV	31 W	BY ARCHITECT		GENERAL LIGHTING
S1A	SAME AS TYPE S1 BUT WITH 4' LENGTH	SURFACE (WALL)	SPI LIGHTING EIW11909-L29W-120-277V-90 CRI (MOD)- 3000K-8RK-DF_DIM1-FINISH	LED 3000K CCT/90 CRI (MOD) 2720 LM	INTEGRAL DIMMABLE	UNV	29 W	BY ARCHITECT		GENERAL LIGHTING
S2	WALL MOUNTED LINEAR LIGHT WITH GRAZING OPTIC	SURFACE (SKYLIGHT WALL) BOTTOM OF FIXTURE FLUSH WITH BOTTOM OF SKYLIGHT WALL, AIMED UP	VODE LIGHTING 907BX-LENGTH PER PLAN-RAIL LENGTH- F1S-RP10-AE-2-Z-HO-309-S1-FINISH- OPTIONS	LED 3000K CCT/90 CRI 530 LM/FT	INTEGRAL DIMMABLE TO 1%	UNV	12.4 W/FT	BY ARCHITECT		SKYLIGHT WALL
S2A	SAME AS TYPE S2 BUT WITH DIFFERENT OPTIC AND DIFFERENT COLOR TEMPERATURE AND CRI NOTE: PROVIDE 90 MINUTE EM BATTERY BACKUP TO FIXTURES WITH 'EM' ON PLANS. SEE LIGHTING PLANS.	SURFACE (TOP OF BEAM)	VODE LIGHTING 907BX-LENGTH PER PLAN-RAIL LENGTH- F1S-RP10-AE-2-ZZ-Z-HO-30-G1-FINISH- OPTIONS FIXTURES WITH EM: ADD Bodine remote EM 90 min. battery backup (see plans for # of EM fotures)	LED 3000K CCT/80 CRI 1426 LM/FT	INTEGRAL DIMMABLE TO 1%	UNV	12.4 W/FT	BY ARCHITECT		ENTRANCE
<b>S</b> 3	23" DIAMETER AND 1" DEEP SURFACE MOUNTED LED LIGHT NOTE: PROVIDE 90 MINUTE EM BATTERY BACKUP TO FIXTURES WITH 'EM' ON PLANS. SEE LIGHTING PLANS.	SURFACE (CEILING)	AFX LIGHTING EGRF2440LAJD2WH FIXTURES WITH EM: ADD Bodine EM 90 min. battery backup (see plans for # of EM fotures)	LED 3800K CCT/90 CRI 1 3375 LM	INTEGRAL DIMMABLE	UNV	40 W	WHITE		GENERAL LIGHTING
S3A	SAME AS TYPE S3 BUT WITH 15" DIAMETER NOTE: PROVIDE 90 MINUTE EM BATTERY BACKUP TO FIXTURES WITH 'EM' ON PLANS. SEE LIGHTING PLANS.	SURFACE (CEIUNG)	AFX LIGHTING EGRF1625LAJD2WH FIXTURES WITH EM: ADD Bodine EM 90 min. battery backup (see plans for # of EM fotures)	LED 3000K CCT/90 CRI 2525 LM	INTEGRAL DIMMABLE	UNV	25 W	WHITE		RESTROOMS, STORAGE, CUSTO
S4	2'-0" LONG VANITY LIGHT	SURFACE (WALL AT 7-0" AFF)	MODERN FORMS WS-3624-3000K-FINISH-	LED 3000K CCT/90 CRI 1650 LM	INTEGRAL DIMMABLE	UNV	28 W	STANDARD		RESTROOMS
S5	NOT USED									
S5A ZS1	NOT USED 15" DIAMETER SURFACE MOUNTED EXTERIOR LIGHT WITH COPPER FINISH (ONLY IF ADD ALTERNATE #2 IS APPROVED) NOTE: PROVIDE 90 MINUTE EM REMOTE BATTERY BACKUP	SURFACE (EXTERIOR CANOPY)	BEGA 31043-K3 FIXTURES WITH EM: ADD Bodine remote EM 90 min. battery backup (see plans for # of EM fotures)	LED 3200K CCT/80 CRI 1 2685 LM	INTEGRAL	UNV	33 W	STANDARD		EXTERIOR CANOPY
X1	TO FIXTURES WITH 'EM' ON PLANS. SEE LIGHTING PLANS.	UNIVERSAL MOUNT	ISOLITE DCL DCL-G-U-WH-WH COLOR-MTEBP	LED PROVIDED WITH THE FIXTURE	INTEGRAL	120/277	4 W	GREEN LETTERS ON WHITE		THROUGHOUT
TURE S	CHEDULE NOTES:									
	SPEC SECTION APPENDIX FOR COMPI									

SEE PLANS FOR EMERGENCY LIGHTING INFORMATION. FIXTURES WITH "EM" TO BE PROVIDED WITH 90 MINUTE EMERGENCY BATTERY BACK UP.

