

BUILDING LIGHTING UPGRADE PROJECT

SOLANO COMMUNITY COLLEGE DISTRICT
4000 SUISUN VALLEY ROAD, FAIRFIELD, CA 94534
PROJECT NO:

OWNER:
SOLANO COMMUNITY COLLEGE DISTRICT
4000 Suisun Valley Road
Fairfield, CA 94534

GENERAL NOTES	LEGEND	PROJECT SCOPE	INDEX	PROJECT DIRECTORY
<p>1. FIELD VERIFY ALL EXISTING DIMENSIONS AND NOTIFY ARCHITECT OF ACTUAL FIELD CONDITIONS PRIOR TO THE COMMENCEMENT OF ANY WORK. THIS SHALL INCLUDE ALL FINISH ELEVATIONS AND CLEARANCES AS SHOWN ON EXISTING/DEMO SHEETS AND PROPOSED PLANS TO CONFIRM IN-FIELD CONDITIONS CONFORM TO DOCUMENTS.</p> <p>2. ELEVATIONS. ALL ELEVATIONS ARE TO/FROM TOP OF FINISH FLOOR, U.O.N.</p> <p>3. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING FENCE HEIGHTS AND ANY MOUNTING REQUIREMENTS FOR ANY FENCEWORK PRIOR TO INSTALLATION.</p> <p>4. ALL EXITS, EXIT LIGHTING, FIRE PROTECTIVE DEVICES SHALL BE MAINTAINED FOR THE DURATION OF THE WORK OF THE PROJECT. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH THE SCHOOL TO ALLOW FOR STORAGE FOR MATERIALS, LOCATION OF DEMO BOX AND ALL SCHOOL USE PROTOCOLS THAT ARE REQUIRED TO BE MAINTAINED DURING CONSTRUCTION.</p> <p>5. UNOBSTRUCTED ACCESS TO EXISTING EXITS AND ANY EMERGENCY LIGHTING SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. ALL EXITS, EXIT LIGHTING, FIRE PROTECTIVE DEVICES SHALL BE MAINTAINED FOR THE DURATION OF THE WORK OF THE PROJECT.</p> <p>6. ALL WORK PERFORMED UNDER THESE DOCUMENTS SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES AND REQUIREMENTS. ALL NEW WORK SHALL NOT DIMINISH ANY EXISTING CONDITIONS WITH RESPECT TO THEIR ADHERENCE TO APPLICABLE CODES AND REQUIREMENTS (TYP.). THIS SHALL INCLUDE INSPECTIONS AND SUPERVISION OF WORK BY A LICENSED INSPECTOR OF RECORD (IOR) IN ACCORDANCE WITH DSA.</p> <p>7. THESE DOCUMENTS ARE TO REFLECT GENERAL INTENT OF THE ARCHITECTURAL SCOPE OF WORK. THE INFORMATION SHOWN IN THESE DOCUMENTS SHOW PURPOSE AND INTENT AND ARE NOT COMPLETE IN EVERY DETAIL. THE CONTRACTOR SHALL COMPLY WITH THEIR INTENT AND MEANING, TAKEN AS A WHOLE, AND SHALL NOT AVAIL ITSELF OF ANY MANIFEST ERROR, OMISSION, AND DISCREPANCY OF AMBIGUITY WHICH APPEAR IN THE DOCUMENTS.</p> <p>8. CONTRACTOR SHALL ENGAGE USA TO VERIFY AND LOCATE ANY (E) UTILITIES WITHIN AREA OF SCOPE OF WORK PRIOR TO COMMENCEMENT OF DEMO WORK.</p>		<p>PROJECT SCOPE WILL BE LIMITED TO A REPLACEMENT IN KIND OF EXISTING LIGHT FIXTURES. THE WORK WILL BE DONE ENTIRELY WITHIN EXISTING, PREVIOUSLY DSA CERTIFIED BUILDINGS AS SHOWN IN THE DOCUMENTS. THERE WILL BE NO STRUCTURAL WORK, NO FIRE LIFE SAFETY AND NO ACCESS COMPLIANCE WORK. THE EXISTING SUSPENDED CEILING SHALL REMAIN IN PLACE AND IN NO INSTANCE SHALL THE WEIGHT OF THE RENOVATION FIXTURE EXCEED THE WEIGHT OF THE EXISTING FIXTURES NOR EXCEED THE DESIGN WEIGHT ALLOWED FOR THE SUSPENDED CEILING DESIGN. ALL WORK SHALL BE PERFORMED UNDER THE OBSERVATION OF A LICENSED, ON-SITE INSPECTOR (IOR) HIRED BY THE SCHOOL SPECIFICALLY FOR THIS PROJECT. ALL WORK SHALL CONFORM TO ALL APPLICABLE CODE SECTIONS AS NOTED BELOW INCLUDING THE 2017 CEC, 2020 NEC AND NFPA 70.</p>	<p>GENERAL DRAWINGS A0.00 COVER SHEET, INDEX</p> <p>ARCHITECTURE DRAWINGS A6.00 RCP</p> <p>ELECTRICAL DRAWINGS E0.10 GENERAL NOTES & LEGEND E0.20 TITLE 24 - COMPLIANCE FORM E0.21 TITLE 24 - COMPLIANCE FORM E0.30 LIGHTING FIXTURE/SCHEDULE E1.00 LIGHTING PLAN 1400 NORTH E1.01 LIGHTING PLAN 1400 SOUTH</p>	<p>DISTRICT NAME SOLANO COMMUNITY COLLEGE DISTRICT ADDRESS 4000 SUISUN VALLEY ROAD FAIRFIELD, CA 94534 PHONE 707-864-7112 707-864-7197 E-MAIL Jason.Y@solano.edu</p> <p>ARCHITECT NAME CA ARCHITECTS ADDRESS 475 GATE FIVE ROAD, SUITE 107 SAUSALITO, CA 94965 PHONE 415-331-7655 415-331-7656 E-MAIL john@ca-arch.com</p> <p>ELECTRIC NAME C&N ENGINEERS, INC. ADDRESS 319 SUTTER STREET, SUITE 202 SAN FRANCISCO, CA 94108 PHONE 415-982-1828 415-772-8005 E-MAIL raymond@cnengr.com</p> <p>PROJECT INSPECTOR: TBD VERIFY WITH SSCD</p>
	<p style="text-align: center;">CAMPUS MAP</p> <p style="text-align: center;">PROJECT LOCATION</p>	<p style="text-align: center;">DSA APPLICATION NUMBERS</p> <p>APPL NO: #60163, #43623 PER REQ'TS OUTLINED FOR THE DSA LFA-810, NO REVIEW IS REQUIRED.</p>		<p style="text-align: center;">CODES & REGULATIONS</p> <p>2019 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R. 2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. (2015 INTERNATIONAL BUILDING CODE AND 2016 CALIFORNIA AMENDMENTS) 2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. (2017 NATIONAL ELECTRICAL CODE AND 2016 CALIFORNIA AMENDMENTS) 2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R. (2015 UNIFORM MECHANICAL CODE AND 2016 CALIFORNIA AMENDMENTS) 2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. (2015 UNIFORM PLUMBING CODE AND 2016 CALIFORNIA AMENDMENTS) 2019 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R. - WHERE APPLICABLE 2019 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. (2015 INTERNATIONAL FIRE CODE AND 2016 CALIFORNIA AMENDMENTS) 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 C.C.R. (WHERE APPLICABLE) 2019 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R. TITLE 19 C.C.R. PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS. PARTIAL LIST OF APPLICABLE STANDARDS: NFPA 13, AUTOMATIC SPRINKLER SYSTEMS, 2019 EDITION NFPA 72, NATIONAL FIRE ALARM CODE (CALIFORNIA AMENDED), 2019 EDITION NFPA 80, FIRE DOOR AND OTHER OPENING PROTECTIVES, 2019 EDITION NFPA 2012, CLEAN AGENT FIRE EXTINGUISHING SYSTEMS, 2019 EDITION REFERENCE CODE SECTION FOR NFPA STANDARDS - 2019 CBC (SFM) CHAPTER 35. SEE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO NFPA STANDARDS.</p>

ARCHITECT:
CA ARCHITECTS
475 Gate Five Road, Suite 107
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PROJECT:
SCCD
BUILDING 1400
LIGHTING
UPGRADE PROJECT

CONSULTANT TEAM:

391 Sutter Street, Suite 202
San Francisco, CA 94108
Tel: (415) 982-1828 • Fax: (415) 982-8005



SHEET LEGEND:

NO.	DATE	DESCRIPTION
1.	05/13/2022	ISSUE FOR REVIEW
2.	05/27/2022	ISSUE FOR BID

KEY PLAN:

SCALE:
DATE: 05/04/2022
PROJECT NO:
PERMIT APPLICATION NO.:

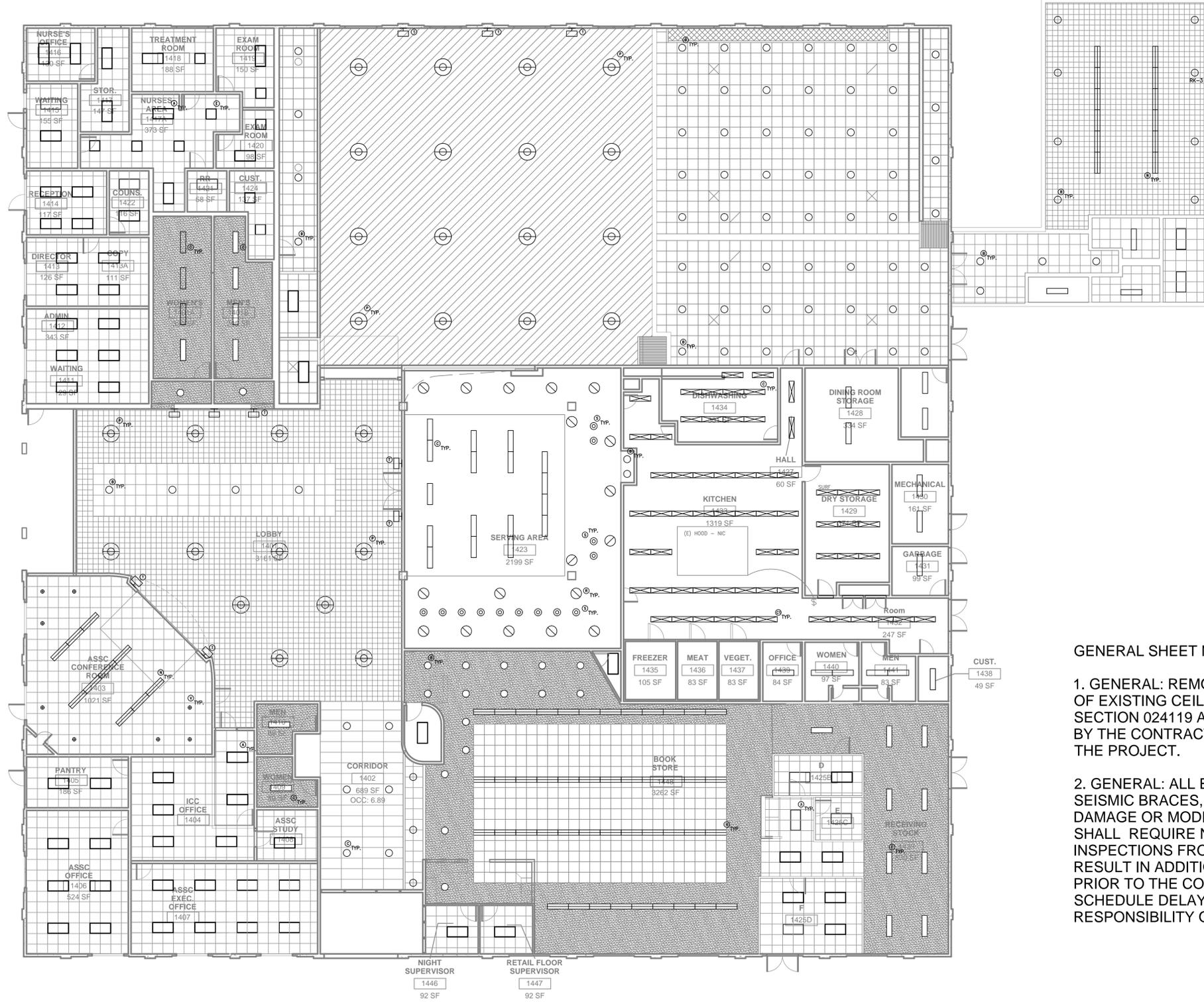
**COVER SHEET
INDEX
A0.00**

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GENERAL SHEET NOTES:

1. GENERAL: REMOVAL, TEMPORARY STORAGE AND REINSTALLATION OF EXISTING CEILING TILES SHALL COMPLY WITH SPECIFICATION SECTION 024119 AND 095113 (TYP). THE SCOPE FOR THIS DETERMINED BY THE CONTRACTOR AND SHALL BE INCLUDED IN THE BID/ COST FOR THE PROJECT.
2. GENERAL: ALL EXISTING CEILING SUPPORT, FRAMING, GUY WIRES, SEISMIC BRACES, ETC SHALL REMAIN IN-PLACE AND INTACT. ANY DAMAGE OR MODIFICATIONS TO THE EXISTING SUPPORT ELEMENTS SHALL REQUIRE NOTIFICATION TO THE ARCHITECT AND IOR AND INSPECTIONS FROM THE ON-SITE IOR OF THE DAMAGE. THIS MAY RESULT IN ADDITIONAL ENGINEERING AND DSA REVIEW/ACCEPTANCE PRIOR TO THE COMMENCEMENT OF ANY REMEDIAL WORK. COST AND SCHEDULE DELAYS FOR DAMAGE DUE TO CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

SHEET LEGEND:

NO.	DATE	DESCRIPTION
1.	05/13/2022	ISSUE FOR REVIEW
2.	05/27/2022	ISSUE FOR BID

KEY PLAN:

SCALE: 3/32" = 1'-0"
 DATE:
 PROJECT NO:
 PERMIT APPLICATION NO.:

RCP
 BUILDING 1400
A6.00

GENERAL NOTES

- THE WORK INCLUDES THE FURNISHING OF ALL LABOR AND MATERIALS FOR THE COMPLETE INSTALLATION OF ALL ELECTRICAL SYSTEMS AND EQUIPMENT REFERRED TO, IMPLIED OR SHOWN ON THE DRAWINGS EXCEPT SUCH MATERIALS AND EQUIPMENT AS MAY BE SPECIFIED OR INDICATED TO BE PROVIDED BY OTHERS.
- THE ELECTRICAL CONTRACTOR SHALL VISIT JOB SITE AND VERIFY FIELD CONDITIONS BEFORE BIDDING AND SHALL INCLUDE IN HIS BID THE NECESSARY COSTS TO CONSTRUCT THIS PROJECT IN ACCORDANCE WITH THE INTENT OF THE ELECTRICAL DRAWINGS AND ALL APPLICABLE CODES. ELECTRICAL CONTRACTOR SHALL ALLOW FOR DEMOLITION WORK NECESSARY FOR A COMPLETE INSTALLATION OF THE NEW ELECTRICAL EQUIPMENT.
- THE ELECTRICAL CONTRACTOR SHALL PERFORM HIS WORK IN ACCORDANCE WITH ALL CODES, RULES AND REGULATIONS OF GOVERNING AGENCIES HAVING JURISDICTION, ALL OF WHICH ARE HEREBY MADE A PART OF THE PLANS. THE CONTRACTOR SHALL OBTAIN NECESSARY PERMITS, HAVE WORK INSPECTED AND PAY FOR THE SAME. UPON COMPLETION OF WORK, THE CONTRACTOR SHALL DELIVER TO OWNER A "CERTIFICATE OF INSPECTION" APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION.
- LOCATION OF ALL EQUIPMENT AND OUTLETS AS SHOWN ON THE DRAWINGS ARE APPROXIMATELY ONLY, EXCEPT WHERE DIRECTED BY DIMENSIONS, HEIGHT OR DETAILS. CONFIRM LOCATIONS BY REFERENCE TO ARCHITECTURAL, AND EQUIPMENT DETAILS AND VERIFY WITH ARCHITECT.
- THE ELECTRICAL CONTRACTOR SHALL INFORM HIMSELF PRIOR TO SUBMISSION OF BIDS AS TO THE ELECTRICAL WORK REQUIRED BY OTHER SECTIONS OF THE PLANS, SUCH AS THE ARCHITECTURAL, MECHANICAL, ETC. AND INCLUDE THOSE ITEMS INDICATED TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR OR "BY OTHERS".
- THE ARCHITECTURAL DRAWINGS TAKE PRECEDENCE OVER THE ELECTRICAL DRAWINGS IN THE REPRESENTATION OF THE GENERAL CONSTRUCTION WORK AND THE DRAWINGS OF THE VARIOUS TRADES TAKE PRECEDENCE IN THE REPRESENTATION OF THE WORK OF THOSE TRADES. THE CONTRACTOR SHALL REFER TO ALL DRAWINGS TO COORDINATE THE ELECTRICAL WORK WITH THE WORK DONE ON OTHER TRADES.
- THE ARCHITECT RESERVES THE RIGHT TO MOVE ANY OUTLETS WITHIN THE RADIUS OF SIX FEET WITHOUT ADDITIONAL EXPENSES TO THE OWNER. NO ALLOWANCE WILL BE MADE FOR EXTRAS FOR ANY CHANGES IN LOCATIONS EXCEPT WHERE EQUIPMENT HAS BEEN SET AND CONNECTED BEFORE ANY CHANGE IS ORDERED AND THEN ONLY WHEN SUCH CHANGE IS IN WRITING.
- THE SIZE AND LOCATION OF EQUIPMENT IS SHOWN TO SCALE WHENEVER POSSIBLE, BUT THE CONTRACTOR SHALL MAKE USE OF ALL DATA IN ALL THE CONTRACT DOCUMENTS AND SHALL VERIFY THIS INFORMATION.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL THE CONDUITS WITH MINIMUM NUMBER OF BENDS IN SUCH A MANNER AS TO CONFORM TO THE STRUCTURES, AVOID OBSTRUCTIONS, MAINTAIN HEAD ROOM, DEEP OPENINGS AND PASSAGEWAYS CLEAR, BE COMPATIBLE WITH LATEST CONSTRUCTION METHOD, AND MEET ALL STRUCTURAL CODE REQUIREMENTS. FURNISH AND INSTALL PULL BOX AS NECESSARY FOR LONG CONDUIT RUNS.
- ALL ELECTRICAL OUTLETS, MOTORS, DEVICES, APPARATUS, EQUIPMENT FIXTURES AND APPLIANCES WHEREVER INSTALLED, "BY OTHERS", SHALL BE FULLY CONNECTED TO THE PROPER ELECTRICAL SOURCES AND CONTROLS AND LEFT IN OPERATIONAL CONDITION.
- WHERE CONNECTIONS ARE SPECIFIED TO BE MADE TO EQUIPMENT FURNISHED BY OTHER DIVISIONS, OBTAIN THE REQUIRED ROUGH-IN DIMENSIONS AND CONNECTION DIAGRAMS FROM THE RESPECTIVE DIVISIONS FOR EACH ITEM AND ASSUME FULL RESPONSIBILITY FOR NEAT AND WORKMANLIKE INSTALLATION OF CONDUIT AND WIRE CONNECTION.
- CONTRACTOR TO BE RESPONSIBLE FOR ALL ELECTRICAL GROUNDING AND BRACING REQUIREMENTS FOR EQUIPMENT.
- THE COMPLETE INSTALLATION, INCLUDING THE NEUTRAL CONDUCTOR, METAL LIC CONDUIT AND RACEWAYS, BOXES, CABINETS AND EQUIPMENT, SHALL BE PERMANENTLY AND EFFECTIVELY GROUNDED IN ACCORDANCE WITH ALL CODE REQUIREMENTS, WHETHER OR NOT SUCH CONNECTIONS ARE SPECIFICALLY SHOWN AND/OR SPECIFIED.
- EACH OUTLET SHALL BE TESTED AND BE PLACED IN WORKING ORDER BEFORE THE INSTALLATION SHALL BE CONSIDERED COMPLETE. ALL PARTS OF THE ELECTRICAL SYSTEM SHALL BE GUARANTEED TO PERFORM THE REQUIRED FUNCTION IN ACCORDANCE WITH THE PERFORMANCE REQUIREMENTS WHICH ARE INDICATED OR WHERE SUCH PARTICULAR REQUIREMENTS ARE NOT STATED, THEY SHALL PERFORM IN ACCORDANCE WITH THE PREVAILING RECOGNIZED TRADE STANDARDS OF PERFORMANCE. DURING THE PERIOD OF ONE YEAR REPAIRS OR REPLACEMENTS NECESSARY TO ACCOMPLISH THE REQUIRED PERFORMANCE.
- IN THE EVENT OF FAILURE OF ANY WORK, EQUIPMENT OR SERVICE DURING THE LIFE OF THE GUARANTEE, CONTRACTOR SHALL REPAIR OR REPLACE THE DEFECTIVE WORK AND SHALL REMOVE, REPLACE OR RESTORE, AT NO COST TO OWNER, ANY PART OF THE STRUCTURE OR BUILDING WHICH MAY BE DAMAGED AS THE DIRECT RESULT OF HIS DEFECTIVE WORK OR MATERIAL.
- ALL ELECTRICAL EQUIPMENT, FUSES AND CIRCUIT BREAKERS SHALL HAVE AN INTERRUPTING RATING NOT LESS THAN THE MAXIMUM SHORT CIRCUIT TO WHICH THEY MAY BE SUBJECTED.
- ELECTRICAL CONTRACTOR SHALL SEE THAT ALL CONDUIT, METALLIC RACEWAYS DO NOT MAKE CONTACT WITH PLUMBING LINES AND MECHANICAL DUCTS.
- THE CONTRACTOR SHALL BE LICENSED TO PERFORM THE WORK OUTLINED, TO BE FAMILIAR WITH ALL LOCAL CODES HAVING JURISDICTION AND TO HAVE REVIEWED THE DRAWINGS AND SPECIFICATIONS AND VERIFIED THAT ALL SYSTEMS CONTAINED THEREIN ARE IN COMPLIANCE WITH THOSE CODES HAVING JURISDICTION BY THE ACT OF SUBMITTING A BID. THE CONTRACTOR SHALL BE DEEMED TO HAVE ACCEPTED SUCH CONDITIONS AND RESPONSIBILITY AND TO HAVE MADE ALLOWANCES THEREFORE IN PREPARING HIS FIGURES SO THAT THERE WILL BE NO ADDITIONAL COSTS REQUESTED FOR ANY ADDITIONAL REQUIREMENTS MADE BY THOSE AGENCIES HAVING JURISDICTION.
- ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE NEW UNLESS OTHERWISE NOTED ON DRAWINGS, AND LISTED BY UNDERWRITERS LABORATORIES.
- SECONDARY WIRES AND CABLES SHALL BE SINGLE CONDUCTOR, RATED 600 VOLTS, TYPE THHN/THWN INSULATION, COLOR CODES PER INSPECTION AUTHORITY. ALL CONDUCTORS SHALL BE COPPER, NUMBER 12 AWG MINIMUM.
- ALL WIRES AND CABLES SHALL BE INSTALLED IN ELECTRICAL METALLIC CONDUIT OR SURFACE METAL RACEWAY, UNLESS OTHERWISE NOTED.
- MOUNTING, SUPPORTING, AND ANCHORING OF ALL ELECTRICAL EQUIPMENT SHALL BE IN STRICT COMPLIANCE WITH SEISMIC RESTRAINT REQUIREMENTS OF THE OFFICE OF THE STATE ARCHITECT.
- ALL BRANCH CIRCUITS SHOWN ON DRAWING ARE NEW. PANELBOARD CIRCUIT DIRECTORY SHALL BE LABELED (TYPEWRITTEN) AS PER PANEL SCHEDULE.
- PENETRATION OF FIRE RATED WALLS, CEILING, OR FLOOR SHALL COMPLY WITH U.B.C. REQUIREMENTS. PENETRATIONS ARE TO BE SEALED PROMPTLY USING APPROVED SEALANT TO INSURE THE INTEGRITY OF THE EXISTING FIRE RATING. FOAM TYPE AEROSOL SEALANT SHALL NOT BE USED.
- ALL JUNCTION BOXES, PULL BOXES, CONDUITS ENTERING OR LEAVING AN AREA OR ROOM OR PASSING THROUGH A WALL OR FLOOR FOR BRANCH CIRCUITS SHALL BE CLEARLY MARKED WITH PERMANENT BLACK INK PEN IDENTIFYING THE BRANCH CIRCUIT CONTAINED.
- CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR MODIFICATION TO EXISTING WIRING IN PANELBOARD TO SUIT NEW CIRCUITRY.
- CORING OR CUTTING IN WALLS OR SLABS REQUIRES PRIOR WRITTEN AUTHORIZATION AND SCHEDULING THROUGH THE ARCHITECT AND BUILDING OWNER AND MUST BE PERFORMED AFTER NORMAL BUILDING HOURS.
- ALL METALLIC RACEWAYS, INCLUDING THE EXISTING, SHALL BE SECURELY FASTENED IN PLACE WITH APPROVED HANGERS NOT MORE THAN 10 FEET APART AND WITHIN 3 FEET OF EACH OUTLET BOX, JUNCTION BOX, DEVICE BOX, CABINET, CONDUIT BODY, OR OTHER RACEWAY TERMINATIONS.
- SUBMITTALS: CATALOG CUTS SHALL BE SUBMITTED FOR ALL MATERIALS AND EQUIPMENT. SUBMIT MINIMUM 3 COPIES FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- ELECTRICAL CONTRACTOR SHALL FURNISH AS-BUILT DRAWINGS TO THE ARCHITECT ON COMPLETION OF THE JOB.
- DRAWINGS DO NOT NECESSARILY SHOW EVERY PULL BOX REQUIRED. ADDITIONAL BOXES MAY BE ADDED WHEN DESIRABLE TO SAVE LABOR AND AVOID DIFFICULTIES; AND WHEN CODE REQUIREMENTS LIMIT THE NUMBER OF BENDS BETWEEN BOXES. ADDITIONAL BOXES SHALL BE PROVIDED WITHOUT ADDED COST TO THE OWNER. BOXES SHALL BE SIZED ACCORDING TO CODE AND SHALL BE UNDERWRITER'S LABORATORIES LISTED. BOXES SHALL BE ACCESSIBLE AT THE TIME OF COMPLETION AND IN FINISHED AREAS SHALL BE LOCATED ONLY AFTER APPROVAL OF ARCHITECT DUE TO APPEARANCE CONSIDERATIONS.
- ALL RECEPTACLE, LIGHT SWITCH, DISCONNECT SWITCH SHALL BE LABELED WITH CIRCUIT NUMBER AND PANEL NAME. LABEL SHALL BE WHITE BACKGROUND WITH BLACK LETTERING
- ELECTRICAL CONTRACTOR SHALL PROVIDE ALL COMPLETE/SIGNED CALIFORNIA ENERGY COMMISSION ACCEPTANCE FORMS "CEC-NRCA" AND INSTALLATION FORMS "CEC-NRCI" ASSOCIATED WITH ALL LIGHTING AND POWER DESIGN IN THESE DESIGN DRAWINGS, AND SHALL INCLUDE ALL FEE ASSOCIATED WITH THE COMPLETION OF THESE FORMS IN THE BID.

ABBREVIATIONS

- AC. ABOVE COUNTER
- AFF ABOVE FINISHED FLOOR
- TEL TELEPHONE
- C CONDUIT
- TYP TYPICAL
- C.O. CONDUIT ONLY
- U.O.N. UNLESS OTHERWISE NOTED
- C.B CIRCUIT BREAKER
- CKT CIRCUIT
- DWG DRAWING
- ELEC ELECTRICAL
- ELR END OF LINE REGISTER
- EM EMERGENCY POWERED
- GB GARBAGE DISPOSAL
- GFI GROUND FAULT INTERRUPTER
- I.G. ISOLATED GROUND
- LCP LIGHTING CONTROL PANEL.
- N.I.C. NOT IN CONTRACT
- OFCI OWNER FURNISH, CONTRACTOR INSTALL
- PNL PANELBOARD
- REF REFRIGERATOR
- SAD SEE ARCHITECTURAL DRAWINGS
- SMD SEE MECHANICAL DRAWINGS
- TBD TO BE DETERMINED
- WP WEATHER PROOF
- (R) RELOCATED
- (N) NEW
- (E) EXISTING TO REMAIN, U.O.N.

34. SOLANO COMMUNITY COLLEGE DISTRICT DESIGN STANDARDS SHALL TAKE PRECEDENCE OVER BID DOCUMENTS. DISTRICT STANDARDS CAN BE FOUND ON THE DISTRICT'S WEBSITE. PRIOR TO SUBMITTING A BID CONTRACTOR SHALL REVIEW BID DOCUMENTS AND DISTRICT STANDARDS AND SUBMIT PRE-BID QUESTIONS TO RECEIVE CLARIFICATION VIA ADDENDA. IN NO CASE SHALL A DOCUMENT CALLING FOR LOWER QUALITY AND/OR QUANTITY MATERIAL OR WORKMANSHIP CONTROL.

- ROOM / AREA DAYLIGHT SENSOR
EATON, WAVELINX - TMSWPD1
- ROOM / AREA LIGHTING EMERGENCY
POWER CONTROL RELAY
EATON, WAVELINX - CEPC-2-D
- LIGHTING TYPE / TAG
- PROGRAMMABLE DIMMING
SWITCH/WALLSTATION AT 48" AFF
EATON, WAVELINX - W4S-RL-S4-W

DRAWING INDEX

- E0.10 GENERAL NOTES, ABBREVIATIONS AND LEGEND
- E0.20 LIGHTING COMPLIANCE FORMS
- E0.21 LIGHTING COMPLIANCE FORMS
- E0.30 LIGHTING SCHEDULE AND DETAILS
- E1.00 LIGHTING PLAN - BUILDING 1400
- E1.10 LIGHTING PLAN - BUILDING 1400

LEGEND

- BUILDING STANDARD QUAD / DUPLEX
RECEPTACLE AT 18" AFF U.O.N
LEVITON T5825-W, 20A, 125V
- SPLIT-WIRED DUPLEX RECEPTACLE
- 208V RECEPTACLE
- GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE
AT 18" AFF.
- RECEPTACLE ON DEDICATED CIRCUIT AT 18" AFF U.O.N.
- CEILING MOUNTED RECEPTACLE.
- FLOOR MOUNTED RECEPTACLE.
- LIGHT SWITCH AND SWITCH LEG IDENTIFICATION AT 48" AFF
- BUILDING STANDARD HORSEPOWER RATED SWITCH.
LEVITON 1221-2W, 20A, 120/277V AT 48" AFF
- DATA / VOICE OUTLET BOX AT 18" AFF.
- FLOOR MOUNTED DATA / VOICE OUTLET BOX
- LIGHTING CONTROL PANEL
- SURFACE / FLUSH MTD. PANELBOARD.
- WALL MOUNTED / CEILING
MOUNTED JUNCTION BOX.
- CEILING MOUNTED EXIT LIGHT
- EXIT EM LOW LEVEL WALL MOUNTED EXIT LIGHT
- TELEPHONE CABINET
- EQUIPMENT TAG
- SHEET NOTE TAG.
- EMERGENCY POWER OFF BUTTON
WITH COVER
- EMON DMON WATT METER
- ROOM / AREA LIGHTING CONTROLLER
EATON, WAVELINX - WAC-POE
- AREA LIGHTING OCCUPANCY SENSOR
EATON, WAVELINX - CWPD-1500
- BACNET INTERFACE - INSIGHT MANAGER
EATON, WAVELINX - ELS-IMVRT1
- BUILDING STANDARD PoE NETWORK SWITCH.
10-PORTS MINIMAL, NETGEAR, CISCO OR EQUAL.

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KEY PLAN:

SCALE: _____ NO SCALE
DATE: _____
PROJECT NO: _____
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**GENERAL NOTES,
ABBREV. & LEGEND**

E0.10



STATE OF CALIFORNIA
Indoor Lighting
 NRCC-LTI-E (Created 01/20) CALIFORNIA ENERGY COMMISSION NRCC-LTI-E

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.

Project Name: SCC - FAIRFIELD - BUISLING 1400 Report Page: Page 1 of 8
 Project Address: 4000 Suisun Valley Road, Fairfield, CA 94534 Date Prepared: 05/10/2022

A. GENERAL INFORMATION

01 Project Location (city)	Fairfield	04 Total Conditioned Floor Area (ft ²)	31,243
02 Climate Zone	3	05 Total Unconditioned Floor Area (ft ²)	
03 Occupancy Types Within Project (select all that apply):	06 # of Stories (Habitable Above Grade)		
<input type="checkbox"/> Office <input type="checkbox"/> Retail <input type="checkbox"/> Warehouse <input type="checkbox"/> Hotel/Motel <input checked="" type="checkbox"/> School <input type="checkbox"/> Support Areas			
<input type="checkbox"/> Parking Garage <input type="checkbox"/> High-Rise Residential <input type="checkbox"/> Relocatable <input type="checkbox"/> Healthcare <input type="checkbox"/> Other (write in):			

B. PROJECT SCOPE

Table Instructions: Include any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.6 or §141.0(b)2 for alterations. WARNING: Changing the Calculation Method in this table will result in the deletion of data previously input. If you need to change the calculation method, please open a new form or use "Save As".

Scope of Work	02	03	04	05
01	02	03	04	05
My Project Consists of (check all that apply):	Calculation Method	Area (ft ²)	Calculation Method	Area (ft ²)
<input checked="" type="checkbox"/> New Lighting System	Area Category	31,243		
<input type="checkbox"/> Altered Lighting System				
Total Area of Work (ft²)	31,243			

C. COMPLIANCE RESULTS

Table Instructions: If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for guidance.

Lighting in conditioned and unconditioned spaces must not be combined for compliance per §140.6(b)1.	Allowed Lighting Power per §140.6(b) (Watts)				Total Allowed (Watts)	Adjusted Lighting Power per §140.6(a) (Watts)		Compliance Results
	01	02	03	04		06	07	
	Complete Building §140.6(c)1	Area Category §140.6(c)2	Area Category Additional §140.6(c)2G (+)	Tailored §140.6(c)3 (+)		Total Designed (Watts)	Adjustments PAF Control Credits §140.6(a)2 (-)	09 Must be ≥ 08 §140.6
	(See Table I)	(See Table I)	(See Table J)	(See Table K)		(See Table F)	(See Table P)	
Conditioned:		24,707.05				17,973.9		COMPLIES
Unconditioned:								

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> January 2020

STATE OF CALIFORNIA
Indoor Lighting
 NRCC-LTI-E (Created 01/20) CALIFORNIA ENERGY COMMISSION NRCC-LTI-E

CERTIFICATE OF COMPLIANCE
 This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

Project Name: SCC - FAIRFIELD - BUISLING 1400 Report Page: Page 2 of 8
 Project Address: 4000 Suisun Valley Road, Fairfield, CA 94534 Date Prepared: 05/10/2022

Controls Compliance (See Table H for Details) **COMPLIES**
Rated Power Reduction Compliance (See Table Q for Details) **Not Applicable**

D. EXCEPTIONAL CONDITIONS

No exceptional conditions apply to this project.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. INDOOR LIGHTING FIXTURE SCHEDULE

Table Instructions: Include all permanent designed lighting and all portable lighting in offices.

Designated 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 & Color Change ¹	Watts per luminaire ²	How Wattage is determined	Total number luminaires	Exempt per §140.6(a)3	Design Watts	Field Inspector
A	2x4 Recessed mount LED, DIM	<input type="checkbox"/>	<input type="checkbox"/>	37	Mfr. Spec ²	69	<input type="checkbox"/>	2,553	<input type="checkbox"/>
B	12inch recessed LED downlights, dim	<input type="checkbox"/>	<input type="checkbox"/>	29	Mfr. Spec ²	101	<input type="checkbox"/>	2,929	<input type="checkbox"/>
C	Surface mnt. linear LED fix, dim	<input type="checkbox"/>	<input type="checkbox"/>	47	Mfr. Spec ²	52	<input type="checkbox"/>	2,444	<input type="checkbox"/>
C1	Surface mnt. linear LED fix, dim	<input type="checkbox"/>	<input type="checkbox"/>	36.3	Mfr. Spec ²	63	<input type="checkbox"/>	2,286.9	<input type="checkbox"/>
E	2X2 Recessed mount LED, DIM	<input type="checkbox"/>	<input type="checkbox"/>	32	Mfr. Spec ²	8	<input type="checkbox"/>	256	<input type="checkbox"/>
N	pendant linear LED fix, dim	<input type="checkbox"/>	<input type="checkbox"/>	57.2	Mfr. Spec ²	67	<input type="checkbox"/>	3,832.4	<input type="checkbox"/>
P	Pendant ring LED fixture, dim	<input type="checkbox"/>	<input type="checkbox"/>	86	Mfr. Spec ²	28	<input type="checkbox"/>	2,408	<input type="checkbox"/>
R	12in recessed LED fixtures, dim	<input type="checkbox"/>	<input type="checkbox"/>	26.5	Mfr. Spec ²	18	<input type="checkbox"/>	477	<input type="checkbox"/>
S	6in cylind. pendant LED light fix, dim	<input type="checkbox"/>	<input type="checkbox"/>	21.2	Mfr. Spec ²	13	<input type="checkbox"/>	275.6	<input type="checkbox"/>
T	Surface mnt. 2ft LED lights, dim	<input type="checkbox"/>	<input type="checkbox"/>	28	Mfr. Spec ²	10	<input type="checkbox"/>	280	<input type="checkbox"/>
V	6inch recessed LED downlights, dim	<input type="checkbox"/>	<input type="checkbox"/>	29	Mfr. Spec ²	8	<input type="checkbox"/>	232	<input type="checkbox"/>
Total Designed Watts CONDITIONED SPACES:								17,973.9	

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> January 2020

STATE OF CALIFORNIA
Indoor Lighting
 NRCC-LTI-E (Created 01/20) CALIFORNIA ENERGY COMMISSION NRCC-LTI-E

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.

Project Name: SCC - FAIRFIELD - BUISLING 1400 Report Page: Page 3 of 8
 Project Address: 4000 Suisun Valley Road, Fairfield, CA 94534 Date Prepared: 05/10/2022

G. MODULAR LIGHTING SYSTEMS

This Section Does Not Apply

H. INDOOR LIGHTING CONTROLS (Not Including PAFs)

Table Instructions: Please include lighting controls for conditioned and unconditioned spaces in this table. When an option having a * is selected, the notes section of this table must be completed. The lighting controls section of the Compliance Summary Table on the first page will show "DOES NOT COMPLY" if the notes are left blank.

Building Level Controls

01	02	03
Mandatory Demand Response §110.12(c)	Shut-Off Controls §130.1(c)	Field Inspector
Required > 10,000 SF	Whole Building Timeswitch	Pass Fail

Area Level Controls

04	05	06	07	08	09	10	11	12
Area Description	Complete Building or Area Category Primary Function Area	Area Controls §130.1(a)	Multi-Level Controls §130.1(b)	Shut-Off Controls §130.1(c)	Primary/Skylit Daylighting §130.1(d)	Secondary Daylighting §140.6(d)	Interlocked Systems §140.6(a)1	Field Inspector
Hallway	Corridor	Auth: Personnel	Dimmer	See Bldg Lvl	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>
Offices	Office (≤ 250 square feet)	Manual ON/OFF	Dimmer	See Bldg Lvl	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>
Reception	Main Entry Lobby	Auth: Personnel	Dimmer	See Bldg Lvl	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>
Conference room	Convention, Conference, Multipurpose, and Meeting Center	Manual ON/OFF	Dimmer	See Bldg Lvl	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>
Book Store	Retail Merchandise Sales, Wholesale Showroom	Manual ON/OFF	Dimmer	See Bldg Lvl	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>
Kitchen/servicing area	Kitchen, Food Preparation	Manual ON/OFF	Dimmer	See Bldg Lvl	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> January 2020

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Project Name: SCC - FAIRFIELD - BUISLING 1400 Report Page: Page 4 of 8
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Area Description	Complete Building or Area Category Primary Function Area	Manual ON/OFF	Dimmer	See Bldg Lvl	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>
Lunch room seating area	Dining - Fast Food	Manual ON/OFF	Dimmer	See Bldg Lvl	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>
Storage	Commercial and Industrial Storage	Manual ON/OFF	Dimmer	See Bldg Lvl	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>
Restroom	Restroom	Manual ON/OFF	Dimmer	See Bldg Lvl	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>
Classroom	Classroom, Lecture, Training, Vocational	Manual ON/OFF	Dimmer	See Bldg Lvl	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>
Performance seating/stage	Theater - Performance	Manual ON/OFF	Dimmer	See Bldg Lvl	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>

*NOTES: Controls with a * require a note in the space below explaining how compliance is achieved.
 EX: Conference 1: Primary/Skylit Daylighting: Exempt because less than 120 watts of general lighting; EXCEPTION 1 to §130.1(d)2

13
 Plan Sheet Showing Daylit Zones:

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS

Table Instructions: Complete the table for each area complying using the Complete Building or Area Category Methods per §140.6(b). Indicate if additional lighting power allowances per §140.6(c) or adjustments per §140.6(a) are being used.

Conditioned Spaces

01	02	03	04	05	06
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft ²)	Area (ft ²)	Allowed Wattage (Watts)	Additional Allowances / Adjustment
Hallway	Corridor	0.6	408	244.8	<input type="checkbox"/>
Offices	Office (≤ 250 square feet)	0.7	4,850	3,395	<input type="checkbox"/>
Reception	Main Entry Lobby	0.85	3,860	3,281	<input type="checkbox"/>
Conference room	Convention, Conference, Multipurpose, and Meeting Center	0.85	1,050	892.5	<input type="checkbox"/>
Book Store	Retail Merchandise Sales, Wholesale Showroom	1	3,325	3,325	<input type="checkbox"/>
Kitchen/servicing area	Kitchen, Food Preparation	0.95	6,000	5,700	<input type="checkbox"/>
Lunch room seating area	Dining - Fast Food	0.4	4,050	1,620	<input type="checkbox"/>
Storage	Commercial and Industrial Storage	0.6	1,525	915	<input type="checkbox"/>
Restroom	Restroom	0.65	1,375	893.75	<input type="checkbox"/>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> January 2020

SHEET LEGEND:

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2.	05/27/2022	ISSUE FOR BID

KEY PLAN:

SCALE: 1/8"=1'-0"
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 PERMIT APPLICATION NO.:

LIGHTING COMPLIANCE FORMS
E0.20

STATE OF CALIFORNIA
Indoor Lighting
 NRCC-LTI-E (Created 01/20) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-LTI-E
 Project Name: SCC - FAIRFIELD - BUISLING 1400 Report Page: Page 5 of 8
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01	02	03	04	05	06	
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft ²)	Area (ft ²)	Allowed Wattage (Watts)	Additional Allowances / Adjustment	
					Area Category	PAF
Classroom	Classroom, Lecture, Training, Vocational	0.7	1,200	840	<input type="checkbox"/>	<input type="checkbox"/>
Performance seating/stage	Theater - Performance	1	3,600	3,600	<input type="checkbox"/>	<input type="checkbox"/>
TOTAL:		31,243	24,707.05		See Tables J or P for detail	

J. ADDITIONAL LIGHTING ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM
 This Section Does Not Apply

K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE
 This Section Does Not Apply

L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY
 This Section Does Not Apply

M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING
 This Section Does Not Apply

N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED ORNAMENTAL/SPECIAL EFFECTS
 This Section Does Not Apply

O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE
 This Section Does Not Apply

P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))
 This Section Does Not Apply

Q. RATED POWER REDUCTION COMPLIANCE FOR ALTERATIONS
 This Section Does Not Apply

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> January 2020

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CERTIFICATE OF COMPLIANCE NRCC-LTI-E
 Project Name: SCC - FAIRFIELD - BUISLING 1400 Report Page: Page 6 of 8
 Project Address: 4000 Suisun Valley Road, Fairfield, CA 94534 Date Prepared: 05/10/2022

R. 80% LIGHTING POWER FOR ALTERATIONS - CONTROLS EXCEPTIONS
 This Section Does Not Apply

S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)
 This Section Does Not Apply

T. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
 Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www2.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCL/

YES	NO	Form/Title	Field Inspector	
			Pass	Fail
<input checked="" type="radio"/>	<input type="radio"/>	NRCI-LTI-01-E - Must be submitted for all buildings	<input type="checkbox"/>	<input type="checkbox"/>
<input type="radio"/>	<input checked="" type="radio"/>	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.	<input type="checkbox"/>	<input type="checkbox"/>
<input type="radio"/>	<input checked="" type="radio"/>	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.	<input type="checkbox"/>	<input type="checkbox"/>
<input type="radio"/>	<input checked="" type="radio"/>	NRCI-LTI-05-E - Must be submitted for a Power Adjustment Factor (PAF) to be recognized for compliance.	<input type="checkbox"/>	<input type="checkbox"/>
<input type="radio"/>	<input checked="" type="radio"/>	NRCI-LTI-06-E - Must be submitted for additional wattage installed in a video conferencing studio to be recognized for compliance.	<input type="checkbox"/>	<input type="checkbox"/>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> January 2020

STATE OF CALIFORNIA
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CERTIFICATE OF COMPLIANCE NRCC-LTI-E
 Project Name: SCC - FAIRFIELD - BUISLING 1400 Report Page: Page 7 of 8
 Project Address: 4000 Suisun Valley Road, Fairfield, CA 94534 Date Prepared: 05/10/2022

U. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
 Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E. 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>

YES	NO	Form/Title	Field Inspector	
			Pass	Fail
<input checked="" type="radio"/>	<input type="radio"/>	NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	<input type="checkbox"/>	<input type="checkbox"/>
<input type="radio"/>	<input checked="" type="radio"/>	NRCA-LTI-03-A - Must be submitted for automatic daylight controls.	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="radio"/>	<input type="radio"/>	NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls.	<input type="checkbox"/>	<input type="checkbox"/>
<input type="radio"/>	<input checked="" type="radio"/>	NRCA-LTI-05-A - Must be submitted for institutional tuning power adjustment factor (PAF).	<input type="checkbox"/>	<input type="checkbox"/>
<input type="radio"/>	<input checked="" type="radio"/>	NRCA-ENV-03-F - Must be submitted for daylighting design power adjustment factors (PAF).	<input type="checkbox"/>	<input type="checkbox"/>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> January 2020

STATE OF CALIFORNIA
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CERTIFICATE OF COMPLIANCE NRCC-LTI-E
 Project Name: SCC - FAIRFIELD - BUISLING 1400 Report Page: Page 8 of 8
 Project Address: 4000 Suisun Valley Road, Fairfield, CA 94534 Date Prepared: 05/10/2022

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
 I certify that this Certificate of Compliance documentation is accurate and complete

Documentation Author Name: Dennis Cheung	Documentation Author Signature:
Company: C&N Engineers, Inc	Signature Date: 05/10/2022
Address: 391 Sutter Street, Suite 202	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: San Francisco, CA 94108	Phone: 415-982-1828

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I certify the following under penalty of perjury, under the laws of the State of California:

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

Responsible Designer Name: Dennis Cheung	Responsible Designer Signature:
Company: C&N Engineers, Inc	Date Signed: 05/10/2022
Address: 391 Sutter Street, Suite 202	License: E9279
City/State/Zip: San Francisco, CA 94108	Phone: 415-982-1828

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> January 2020

OWNER:
 SOLANO COMMUNITY
 COLLEGE DISTRICT
 4000 Suisun Valley Road
 Fairfield, CA 94534

ARCHITECT:
 CA ARCHITECTS
 475 Gate Five Road, Suite 107
 Sausalito, CA 94965
 T 415.331.7655
 F 415.331.7656

PROJECT:
 SCCD
 BUILDING 1400
 LIGHTING
 UPGRADE PROJECT

CONSULTANT TEAM:

 C & N Engineers, Inc.
 391 Sutter Street, Suite 202
 San Francisco, CA 94108
 Tel: (415) 982-1828 • Fax: (415) 982-8005



SHEET LEGEND:

ISSUE/REVISION:

NO.	DATE	DESCRIPTION
1.	05/13/2022	ISSUE FOR REVIEW
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KEY PLAN:

SCALE: 1/8"=1'-0"
 DATE:
 PROJECT NO:
 PERMIT APPLICATION NO.:

LIGHTING
 COMPLIANCE FORMS
E0.21

OWNER:
**SOLANO COMMUNITY
 COLLEGE DISTRICT**
 4000 Suisun Valley Road
 Fairfield, CA 94534

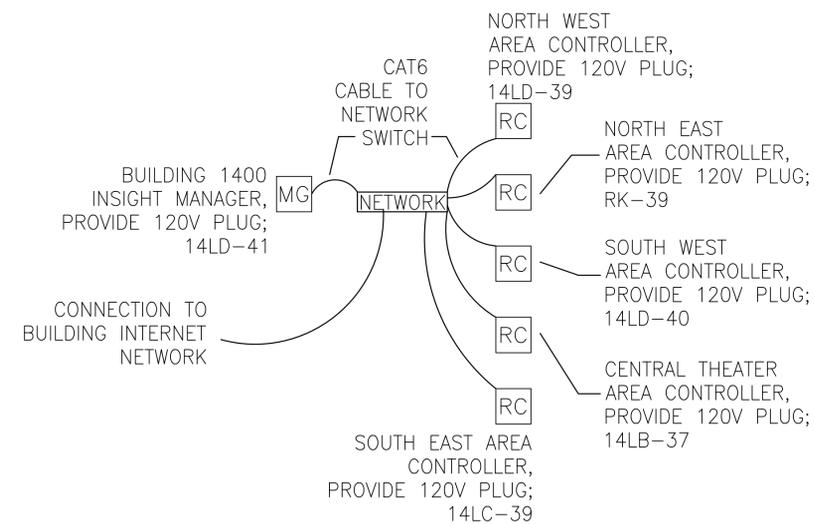
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**SCCD
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STAMP



LIGHTING FIXTURE SCHEDULE (BUILDING 1400)							
QUANTITY	SYMBOL	DESCRIPTION	MANUFACTURER	MODEL NUMBER	LAMPS	MOUNTING	COMMENTS
	⊙ □	RECESSED 2X4 LED LIGHT FIXTURE	EATON LIGHTING	METALUX - 24CZRK-LD4-40-UNV-L840-CD1-SWPD1-U	LED 37W	RETROFIT IN EXISTING HOUSING	PROVIDE DIMMING
	⊙ ○	8INCH RECESSED LED DOWNLIGHT	EATON LIGHTING	PR8R-30-D010-SWPD1-PRM834-MD-MW	LED 29W	RETROFIT IN EXISTING HOUSING	PROVIDE DIMMING
	⊙ □	SURFACE MNT. 1X4 LED LIGHT FIXTURE	EATON LIGHTING	DSI-WS-5-L40-LD2-1-D-UNV-SU-JB-4-STD-SWPD1-W	LED 47W	SURFACE	PROVIDE DIMMING
	⊙ ⊠	SURFACE MNT. 1X4 LED LIGHT FIXTURE	COOPER LIGHTING	14FPSL1SCT3-A3/8-4/18GDIM SURF MNT. KIT FPXSURF14	LED 36.3W	SURFACE	PROVIDE DIMMING FURNISH SHATTER PROOF LENS
	⊙ □	RECESSED 2X2 LED LIGHT FIXTURE	EATON LIGHTING	METALUX - 22CZRK-LD4-34-UNV-L840-CD1-SWPD1-U	LED 32W	RETROFIT IN EXISTING HOUSING	PROVIDE DIMMING
	⊙ ≡	PENDANT MNT. LINEAR LED LIGHT FIXTURE	EATON LIGHTING	J3-FL-80L840-1D-UNV-STD-SWPD1-W-AC48-XX-4	LED 57.2W	PENDANT	PROVIDE DIMMING
	⊙ ⊕	PENDANT RING LED FIXTURE,	DAY-O-LITE COMPASS SERIES	COML-24-DI-XX-40-XX-3-AC-W-DIM10	LED 86W	PENDANT	PROVIDE DIMMING
	⊙ ⊙	12INCH RECESSED LED DOWNLIGHT	COOPER LIGHTING - HALO	SMD14R-20-9S-4000K-WH-E	LED 26.5W	RETROFIT IN EXISTING HOUSING	PROVIDE DIMMING
	⊙ ⊙	6INCH CYLINDRICAL PENDANT LED LIGHT FIXTURE	COOPER LIGHTING - PORTFOLIO	LERSPC4B-20--D010--P	LED 21.2W	PENDANT	PROVIDE DIMMING
	⊙ □	SURFACE MNT. 2FT LED LIGHT FIXTURE	DAY-O-LITE PROFILE SERIES	PRFL-24-DI-X-X-40-40D-2-WM-W-DIM10	LED 28W		PROVIDE DIMMING
	⊙ ⊕	6INCH RECESSED LED DOWNLIGHT	EATON LIGHTING	PR6R-30-D010-SWPD1-PRM834-MD-MW	LED 29W	RETROFIT IN EXISTING HOUSING	PROVIDE DIMMING

**QUANTITIES OF LIGHTING FIXTURES ARE PROVIDED FOR REFERENCE ONLY. CONTRACTOR SHALL COMPARE FIXTURE SCHEDULE WITH LIGHTING PLAN AND IF A DISCREPANCY EXISTS, SHALL INCLUDE THE HIGHER QUANTITY IN THEIR BID.

SHEET LEGEND:

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KEY PLAN:

SCALE: _____ NO SCALE
 DATE: _____
 PROJECT NO: _____
 PERMIT APPLICATION NO: _____

**LIGHTING FIXTURE
 SCHEDULE & DETAILS**

E0.30

SHEET NOTES

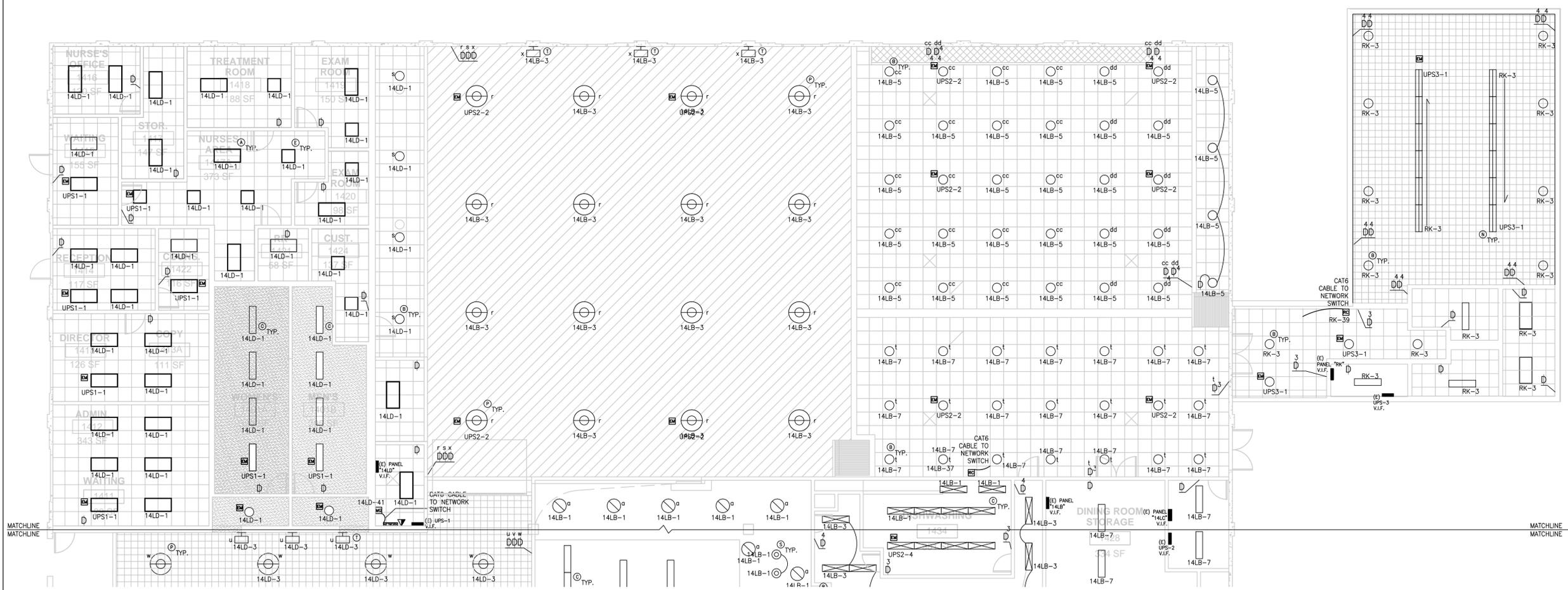
- 1 CIRCUIT NUMBERS ARE SCHEMATIC AND SHOW THE DESIGN INTENTION AND LOAD BALANCE REQUIREMENTS. CONTRACTOR SHALL VERIFY ALL EXISTING AVAILABLE CIRCUITS AND THOSE WHICH BECOME AVAILABLE AS A RESULT OF DEMOLITION. CONTRACTOR SHALL INDICATE ACTUAL CIRCUITS USED ON AS-BUILD DRAWINGS.
- 2 FURNISH AND INSTALL NEW BUILDING STANDARD LED FIXTURE WITH DIMMING CAPABILITY IN PLACE OF EXISTING FIXTURE AND CONNECT TO EXISTING CIRCUIT IN THE AREA.
- 3 REPLACE EXISTING SWITCH WITH NEW WAVELINX WALLSTATION/DIMMER SWITCH AND CONNECT TO LIGHT FIXTURES IN THE AREA. PROVIDE WALL COLOR MATCHING BLANK COVER FOR ANY UNUSED GANG.
- 4 FURNISH AND INSTALL NEW CEILING MOUNTED WAVELINX OCCUPANCY SENSOR FOR LIGHTS IN THE AREA.
- 5 FURNISH AND INSTALL NEW CEILING MOUNTED WAVELINX DAY LIGHT SENSOR FOR LIGHTS IN DAYLIT AREA.
- 6 ALL LIGHT SWITCHES/WALLSTATION SHALL BE LABEL WITH PANEL NAME AND CIRCUIT NUMBER ON WHITE BACKGROUND LABEL WITH BLACK LETTERING
- 7 ALL CORE AREAS LIGHTS SHALL BE PROGRAMMED TO DIM TO 50% WHEN AREA IS NOT OCCUPIED.
- 8 DURING DEMOLITION, CONTRACTOR SHALL REMOVE ALL (E) LIGHT FIXTURES/CONTROL, AND DEMO WIRES TO CLOSEST CEILING J-BOX TO SAFE OFF ALL LIGHTING CIRCUITS FOR NEW FIXTURE.
- 9 EXISTING HOUSING OF RECESSED FIXTURE TYPE "A", SHALL NOT BE DEMOED, AND REMAIN TO BE USED WITH LED LIGHTING RETROFITTING. DEMO LAMP AND BALLAST FROM THESE FIXTURES.
- 10 CONTRACTOR SHALL INCLUDE IN BID ALL FEE ASSOCIATES WITH PROPER DISPOSAL OF FIXTURES, LAMPS, COMPONENTS, AND CONTROL DEVICES, PER APPLICABLE LAWS, RULES AND REGULATION. CONTRACTOR SHALL PROVIDE DOCUMENTATION UPON REQUEST OF THE DISTRICT THAT PROPER DISPOSAL WAS PERFORMED.
- 11 RECONNECT ALL EMERGENCY LIGHTS TO UPS POWER IN THE AREA, VIA WAVELINX EM POWER CONTROL RELAY; UPS-XX.
- 12 LIGHTING CONTROL SYSTEM SHALL BE EATON WAVELINX OR APPROVED EQUAL. COORDINATE WITH LIGHTING SUPPLIER SHOP DRAWINGS FOR EXACT QUANTITY AND LOCATION PER DEVICE SPECIFICATION/REQUIREMENT, FOR A COMPLETE AND WARRANTED SYSTEM.
- 13 CONTRACTOR TO PROVIDE AN ADDITIONAL 10 WALL STATIONS AS SPARE. COORDINATE WITH OWNER FOR SPARE STORAGE.

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1 LIGHTING PLAN - BUILDING 1400

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

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LIGHTING PLAN BUILDING 1400
E1.10