

From: [Erin Diehm](#)
To: [Burns, Anne M](#)
Subject: 2022-09-15 DRC - Item IV.1 - 747(787) Bancroft Way - Public Comment
Date: Wednesday, September 14, 2022 11:44:53 PM
Attachments: [2022-09-14 DRC Item IV.1 747 787 Bancroft Public Comment on Bird Safety and Uplighting.pdf](#)

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Dear Anne,

This is public comment for tonight's meeting of the DRC, September 15, on Item IV.1 747(787) Bancroft Way. Could you please forward this email and attached pdf to the Committee? Thank you in advance.

Best regards,
Erin

Dear DRC,

Thank you for continuing to include discussion of bird-safety, lighting and native planting at DRC meetings. I am thrilled to submit this comment on the 747(787) Bancroft Way project.

Bird Safety

- See page 4 in attached
- The ZAB Use Permit required the applicant to consult with Golden Gate Audubon Society (GGAS) on bird-safety. The latest submittal confirms the meeting with GGAS and seems to state that bird-safe glass will be used on all windows, at all levels.
- **Would it be possible to confirm with the project team that bird-safe glass will, indeed, be used on all windows?** (Very exciting!)

Uplighting

- See pages 7-9 in attached
- The ZAB Use Permit states that all exterior lights will be shielded. I reviewed the schedule of fixtures and it seems a couple of them are unshielded and point upwards.
- **Can the unshielded/uplit exterior fixtures be replaced with fully shielded and downlit ones?**

Light Spectrum

- See pages 6 in attached

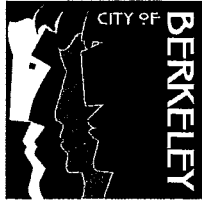
Scientists are documenting that white-/blue-spectrum lights are detrimental to many creatures (bird migration, insect survival, etc.), while lights on the yellow-/red-spectrum are better.

- **Has the project team decided which kinds of bulbs will be used in exterior lights and if they can use those on the warmer end of the spectrum?**

Native Plantings

- The project team has documented 94% native plantings in the understory. Hurrah!!!!
Thank you!!!!

Best regards,
Erin Diehm



Planning and Development Department
Land Use Planning

U S E P E R M I T

CITY OF BERKELEY ZONING ORDINANCE
Berkeley Municipal Code Title 23

USE PERMIT: #ZP2021-0096

Property Address: **747 (787) BANCROFT WAY**

Permittee Name: **MATTHEW JEFFRIES, SKIDMORE, OWINGS & MERRILL**

Use and/or Construction Permitted: **Use Permit #ZP2021-0096 to demolish six existing buildings and construct a 159,143-square-foot, three-story building containing 124,539 square feet of research and development space and 34,604 square feet of light manufacturing space, and a surface parking lot containing 76 off-street parking spaces and five loading spaces, pursuant to:**

- Variance pursuant to BMC Section 23.406.050(B)(1), to allow replacement of protected floor area to be made available after the demolition or change of use of the space.
- Use Permit pursuant to BMC Section 23.326.070, to demolish main buildings used for non-residential purposes.
- Use Permit pursuant to BMC Section 23.206.050, to change more than 25 percent of manufacturing and warehouse uses to research and development uses.
- Use Permit pursuant to BMC Section 23.206.030(A) to construct between 20,000 and 30,000 square feet of new floor area as Manufacturing and Wholesale Trade.
- Administrative Use Permit pursuant to BMC Section 23.322.100(C)(5), to reduce the number of on-site loading spaces from seven to five.
- Administrative Use Permit pursuant to BMC Section 23.206.020 to establish more than 30,000 square feet of research and development use.
- Administrative Use Permit pursuant to BMC Section 23.304.050 to allow architectural elements to exceed the height limit in a non-residential district.

FINDINGS, CONDITIONS AND APPROVED PLANS ATTACHED

The Use Permit herein described has been duly granted by the Zoning Adjustments Board and is in effect on July 20, 2022.

Prior to Submittal of Any Building Permit:

10. Project Liaison. The applicant shall include in all building permit plans and post onsite the name and telephone number of an individual empowered to manage construction-related complaints generated from the project. The individual's name, telephone number, and responsibility for the project shall be posted at the project site for the duration of the project in a location easily visible to the public. The individual shall record all complaints received and actions taken in response, and submit written reports of such complaints and actions to the project planner on a weekly basis. **Please designate the name of this individual below:**

Project Liaison _____
Name Phone #

11. Bird-Safe Measures. Consistent with the intent to reduce bird strikes, the Project Proponent shall submit plans that reflect the following:

- A. At minimum, the same bird-safe measures as in the approved project ZP2019-0215 at 600 Addison (Berkeley Commons).
- B. Bird-safe film on north, east and south façade glazing.
- C. Bird-safe glass for 100 percent of the glazing on the west façade.
- D. Recessed glass and light-colored shades on all windows.
- E. Documentation of consultation with the Golden Gate Audubon Society prior to final decision on the above measures.

12. Shuttle. Shuttle service from the 747 Bancroft project site to the nearest BART station shall be operative within one year of the first occupancy in the building. The shuttle service shall be available to the public, but with priority given to employees of the project.

13. Duplex. The existing duplex at 2212 Fifth Street shall be available to the public for purchase up to one month prior to the scheduled demolition.

14. Address Assignment. The applicant shall file an "Address Assignment Request Application" with the Permit Service Center (1947 Center Street) for any address change or new address associated with this Use Permit. The new address(es) shall be assigned and entered into the City's database prior to the applicant's submittal of a building permit application.

15. Construction Noise Reduction Program. The applicant shall develop a site specific noise reduction program prepared by a qualified acoustical consultant to reduce construction noise impacts to the maximum extent feasible, subject to review and approval of the Zoning Officer. The noise reduction program shall include the time limits for construction listed above, as measures needed to ensure that construction complies with BMC Section 13.40.070. The noise reduction program should include, but shall not be limited to, the following available controls to reduce construction noise levels as low as practical:

- A. Construction equipment should be well maintained and used judiciously to be as quiet as practical.
- B. Equip all internal combustion engine-driven equipment with mufflers, which are in good condition and appropriate for the equipment.

65. Ohlone Medicinal/Herb Garden. The Project sponsor shall include the location and design of an Ohlone medicinal/herb garden at the southwest corner of the Project site for use by, and at the discretion of, the Ohlone. At the discretion of the Ohlone, interpretive signage can also be placed at this location. The garden and any signage shall be included in the final plans and be installed prior to issuance of a certificate of occupancy or final inspection.

At All Times:

66. Protected Floor Area. Unless otherwise permissible through changes to the underlying zoning, 34,604 square feet of floor area of Protected Use only (i.e. Manufacturing, Warehousing, Wholesale Trade, and/or Resource Recovery Enterprise) shall remain within the project site.

67. Exterior Lighting. All exterior lighting shall be energy efficient where feasible; and shielded and directed downward and away from property lines to prevent excessive glare beyond the subject property.

68. Rooftop Projections. No additional rooftop or elevator equipment shall be added to exceed the approved maximum roof height without submission of an application for a Use Permit Modification, subject to Board review and approval.

69. Design Review. Signage and any other exterior modifications, including but not limited to landscaping and lighting, shall be subject to Design Review approval.

70. Drainage Patterns. The applicant shall establish and maintain drainage patterns that do not adversely affect adjacent properties and rights-of-way. Drainage plans shall be submitted for approval of the Building & Safety Division and Public Works Department, if required.

71. Loading. All loading/unloading activities associated with deliveries to all uses shall be restricted to the hours of 7:00 a.m. to 10:00 p.m. daily.

72. Transportation Management Program. The project applicant shall implement a TDM Plan that shall include, at a minimum:

- Provide shuttle service between both Project buildings and a BART Station during weekday peak commute periods (6:00 AM to 10:00 AM and 3:00 PM to 7:00 PM). The Project will also explore the feasibility and if feasible, will coordinate the shuttle service with existing shuttle services, and/or other employers in West Berkeley. Shuttle service will be adjusted based on ridership
- Provide bike lockers, showers, personal lockers, and a repair station on-site to encourage bicycling to the site
- Coordinate with City of Berkeley, and/or other regional agencies to facilitate installation of a BayWheels bikeshare station along the Project frontage
- Offer carpool/ride-matching services, such as ZimRide, ComoVee, or 511.org RideShare, to pair employees interested in forming commute carpools.
- Provide at least 10 spaces of preferential carpool parking, including free parking for carpoolers if employees are charged for on-site parking. Carpool parking spaces not occupied by 10:00 a.m. would be available to other vehicles.

SKIDMORE, OWINGS & MERRILL LLP
ONE MARITIME PLAZA
SAN FRANCISCO, CA 94111

SOM

747 Bancroft | Design Review Committee Response 2

CATEGORY	COMMENT NUMBER	COMMENT/TASK	LOCATION / SHEET #	RESPONSE
Design Review Requirements:				
Preliminary Design Review	1	Recommendations - Include options for the canopy design at FDR with variation in the intermediate members.	GP0.00.00 GP0.01.03	The project team has revised the canopy design to address the DRC's concerns. See renderings in drawing set and presentation for revised canopy design.
	2	Recommendations - Mid-Block crossing option to be reviewed at FDR for recommendation to Public Works	Refer to Civil Drawings	The location of the mid-block crossing has been approved by the city. The Project's Civil team is working with public works and city engineers to design mid-block crossing according to city standards.
	3	Recommendations - Confirm Berkeley Sedge is native.	L1.00.00 L2.04.00	Confirmed. Specified "carex tumulicola" (Berkeley sedge/foothill sedge) , which is California native
ZAB / Public Works	1	Recommending ZAB require bird safe glazing on all elevations that extend to all floors, or a review from a qualified professional with their recommendations for bird safety.	GP0.01.04	Our glass selection has been revised to have a bird safe frit on all of the glazing on the glass enclosures. Glenn Phillips from Golden Gate Audobon Society consulted our team on best practices for pattern, color, and application. These were applied the glass enclosure on all sides of the building.
	2	Recommend that an amenity space be added adjacent to the North Plaza	L2.01.00 L3.01.02	Confirmed. Refer to landscape Site Plan Sheets for additional amenity space adjacent to the North plaza.
	3	Recommends ZAB require gender neutral bathrooms.		Our project team is still reviewing this recommendation,
	4	DRC recommends permeable pavers in the strips between the street trees. Applicant shall report on Public Works approval at FDR.	L2.05.00	Confirmed with Vincent(PW) for additional permeable pavers used between street tree wells along 4th Street.
Additional Design Review Comments from Building Permit Plan Check Cycle II	1	Provide the percentage of native and/or wildlife supporting plant materials proposed; any provision for bird-safety glazing in your design; and any night-sky provisions with proposed light fixtures	LSK 005-4	California native understory planting area is over 90%. North plaza trees are 100% California native. Refer to LSK 005-4 diagram. Refer to architecture response for bird-safety glazing and light fixtures.
	2	All exterior light fixtures shall be downcast and not cause glare on the Public Right-ofway or adjacent parcels. (Will be a condition of approval.)	Appendix C Lighting Specifications Handbook	All exterior light fixtures meet or exceed required Backlight Uplight Glare (BUG) requirements or are contained / captured by architecture to prevent trespass / spill into the night sky or adjacent properties and Public Right ofway. Refer to Appendix C Lighting Specification Handbook for BUG ratings and supporting information.
	3	All street trees shall have approval from the City Forester and Public Works. (Will be a condition of approval.)	LSK 005-3	Confirmed. Refer to LSK 005-3 for a confirmation email from Dyara, city of Berkeley arborist.
	4	All landscape improvements shall be consistent with the State's Water Efficient Landscape Ordinance (WELO). 40% of common open space shall be landscape area. (Will be a condition of approval.)	L2.01.00 L5.11.00	Confirmed. Except required fire staging area at the north plaza, common open space has 40% of landscape area.
	5	All exterior finishes shall be matte. (Will be a condition of approval.)	GP0.01.04	Confirmed. With the exception of glass, all exterior finishes are matte.

747 BANCROFT
747 BANCROFT BERKELEY, CALIFORNIA

OWNER
STEELWAVE
STEELWAVE
30 CALIFORNIA STREET, SUITE 400
SAN FRANCISCO, CA 94111

PROJECT TEAM
ARCHITECT: ARCHITECTURAL ENGINEER & LANDSCAPE
SOV
SALMONSON, OWINGS & MENNELL LLP
ONE MARKET PLACE
SAN FRANCISCO, CA 94111

CLIENT
LUSARDI CONSTRUCTION COMPANY
819 CLAYTON AVE
OAKLAND, CA 94612

DATE: 10/2014
DRAWN: JAMES W. COOK
PLEASANTON, CA 94588

MEP ENGINEER
WELBY ENGINEERS
25 BATTERY STREET, SUITE 500
SAN FRANCISCO, CA 94111

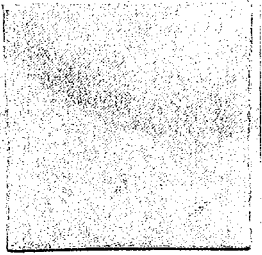
GEOTECHNICAL ENGINEER
PROCTOR & CO. GEOTECHNICAL
200 LINDA AVE
DUBLINO, CA 94568

STRUCTURAL ENGINEER
FISHER ENGINEERING
333 TOWNSEND ST. #3 FLOOR
SAN FRANCISCO, CA 94102

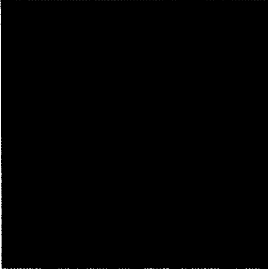
DATE	DESCRIPTION	BY
2014 08 28	ISSUE FOR PERMIT APPLICATION	JWC
2014 08 13	ISSUE FOR PERMIT SUBMITTAL	JWC
2014 07 17	ISSUE FOR PERMIT SUBMITTAL	JWC
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2014 07 17	ISSUE FOR PERMIT SUBMITTAL	JWC
2014 07 17	ISSUE FOR PERMIT SUBMITTAL	JWC
2014 07 17	ISSUE FOR PERMIT SUBMITTAL	JWC
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NOT FOR CONSTRUCTION

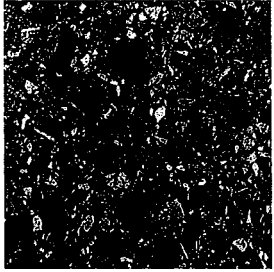
MATERIAL PALETTE
GP0.01.04



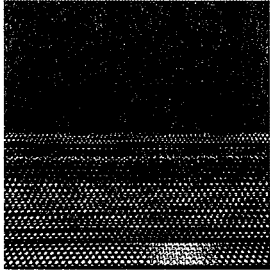
FL-1
CEMENT PLASTER



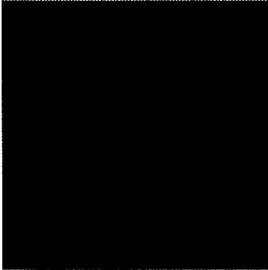
MTL-4 WITH FN-1
CORRUGATED METAL PANEL IN CHARCOAL GRAY



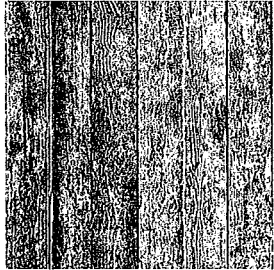
CPAV-1
PRECAST LIFT PANEL



MTL-6 WITH FN-2
CORRUGATED AND PERFORATED METAL PANEL IN PATINATED COPPER



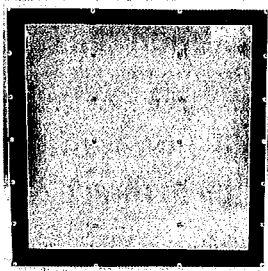
MTL-1 WITH FN-1
ALUMINUM PANEL IN CHARCOAL GRAY



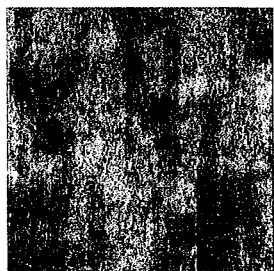
AC-2
CAST-IN-PLACE CONCRETE WITH BOARD-FORMED FINISH



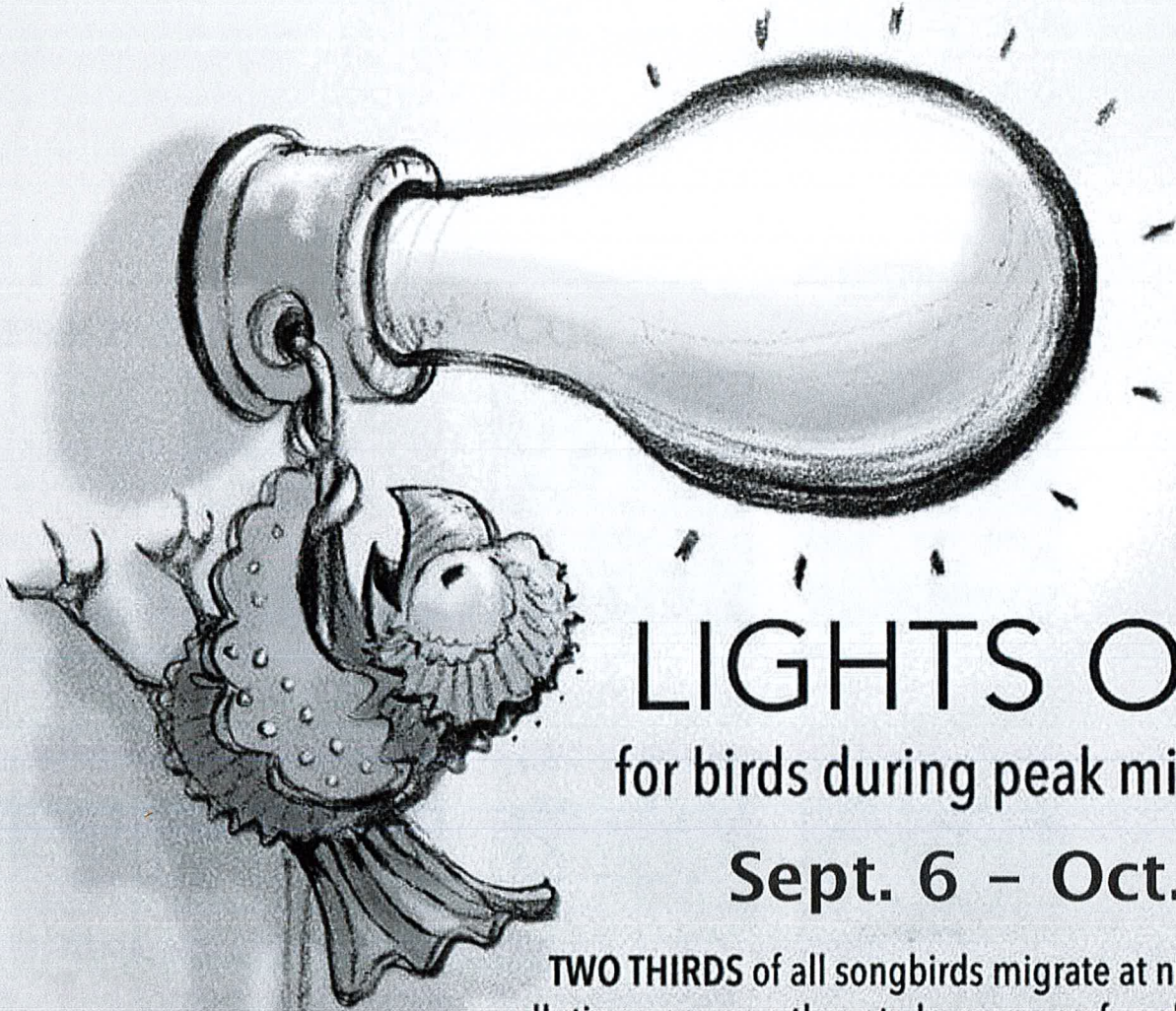
MTL-1 WITH FN-2
ALUMINUM PANEL IN PATINATED COPPER



GL-1
INSULATED GLASS WITH GRID SAFE CERAMIC FRIT



AC-1
CAST-IN-PLACE CONCRETE WITH SMOOTH FINISH







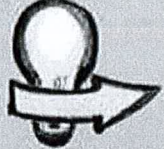



LIGHTS OUT

for birds during peak migration

Sept. 6 – Oct. 6

TWO THIRDS of all songbirds migrate at night. Light pollution can cause them to become confused. TRACY AVIARY encourages everyone to turn off all unnecessary lights. If this is not an option, use warm white or yellow colored light bulbs, shield your light bulbs to direct light down, and install motion sensors. If working indoors at night, close the drapes.






							
COLDER BLUISH WHITES		WARMER YELLOWISH TONES or RED			SHIELDED	MOTION SENSORED	OFF
WORST		BETTER			BETTER		BEST

747 BANCROFT

LOCATION: Berkeley, CA
DATE: July 15, 2022
ISSUANCE: Building Permit Plancheck Response 1

E-TYPES (EXTERIOR)


ALL ITEMS NOTED WITH (*) TO BE VERIFIED BY ARCHITECT/INTERIOR DESIGNER PRIOR TO PURCHASE. MAY INCLUDE FINISH, AESTHETIC DETAILING CHOICES, MOUNTING TYPE, ETC.
ALL ITEMS NOTED WITH (**) TO BE VERIFIED BY CONTRACTOR PRIOR TO PURCHASE. MAY INCLUDE LENGTH, MOUNTING CONDITIONS, ADDITIONAL EQUIPMENT/FORTIFICATIONS/ACCESSORIES, OTHER TYPE/LOAD, WIRE LEADS, FEEL, LOGGING, MOUNTING CLIPS/EQUIPMENT, ETC.

TYPE	REV	IMAGE	DESCRIPTION + LOCATION	MOUNTING	MANUFACTURER / MODEL	SOURCE	WATTS	LOAD	VOLTAGE	RATING	DRIVER	ADD. INFO	DETAIL REF.	SEE NOTES
E1	7/15/22		6.3"Ø X 7.09"H, EXTERIOR RATED INGRADE UPLIGHT BUILDING FRAMES	RECESSING IN FAÇADE FRAME	MANUFACTURER: WE-EF, ETC320-FS LED FIXTURE: 185-7690 OPTICS: 146-0419 146-0625	LED 3000K 80 CRI 1378 LM 5° BEAM	15 W	0-10V	120V-277V	IP68K BUG-SEE NOTE 3	INTEGRAL	MOCKUP	LD.12	GENERAL NOTES: #2, #4, #5 1. INSTALL REQUIRES POUR IN PLACE CONDUIT. LINE VOLTAGE CONNECTION TO BE MADE IN FIXTURE HOUSING. 2. MOCKUP REQUIRED TO FINALIZE FIXTURE SPEC AND OFFSET FROM FAÇADE FINIS. 3. LIGHT FROM FIXTURE COMPLETELY CAPTURED BY ARCHITECTURE, REFER TO LD.12 IN CUTSHEET PACKAGE FOR INTENT.
E2	7/15/22		2.4"Ø X 3"H, RECESSED EXTERIOR RATED DOWNLIGHT BUILDING SOFFITS	RECESSED, WITH TRIM IN CONCRETE POUR COMPATIBLE HOUSING	MANUFACTURER: DELTA LIGHT, MINI DEEP RINGO IIX FIXTURE: 6 19424 9330 B HOUSING: 6 202 3108 115 31 DRIVER: 6 300 45 ED 1	LED 3000K 98+ CRI 717 LM 37° BEAM	10 W	0-10V 1% DIM	120V-277V PRIMARY 24V SECONDARY	IP65 BUG-81-UG-60	REMOTE		GENERAL NOTES: #1, #2, #3, #4, #5, #6 1. E2 AND E2A DOWNLIGHTS TO BE CIRCUITED SEPARATELY FOR INDEPENDENT CONTROL. 2. FIXTURE INTENDED FOR POUR IN PLACE CONCRETE INSTALL AND REQUIRES COMPATIBLE HOUSING. EC TO CONFIRM HOUSING COMPATIBILITY WITH CONCRETE POUR PRIOR TO ORDERING.	
E2A	7/15/22		2.4"Ø X 3"H, RECESSED EXTERIOR RATED DOWNLIGHT BUILDING SOFFITS OVER PLANTERS	RECESSED, WITH TRIM IN CONCRETE POUR COMPATIBLE HOUSING	REFER TO E2	LED 3000K 98+ CRI 717 LM 37° BEAM	10 W	0-10V 1% DIM	120V-277V PRIMARY 24V SECONDARY	IP65 BUG-81-UG-60	REMOTE		GENERAL NOTES: #1, #2, #3, #4, #5, #6 1. E2 AND E2A DOWNLIGHTS TO BE CIRCUITED SEPARATELY FOR INDEPENDENT CONTROL. 2. FIXTURE INTENDED FOR POUR IN PLACE CONCRETE INSTALL AND REQUIRES COMPATIBLE HOUSING. EC TO CONFIRM HOUSING COMPATIBILITY WITH CONCRETE POUR PRIOR TO ORDERING.	
E2B	7/15/22		2.4"Ø X 3"H, RECESSED EXTERIOR RATED DOWNLIGHT LEVEL 2 TERRACE IN METAL PANEL CEILING	RECESSED, WITH TRIM IN METAL PANEL CEILING	REFER TO E2	LED 3000K 98+ CRI 717 LM 37° BEAM	10 W	0-10V 1% DIM	120V-277V PRIMARY 24V SECONDARY	IP65 BUG-81-UG-60	REMOTE		GENERAL NOTES: #1, #2, #3, #4, #5, #6 1. E2B LIGHTS OVER PLANTERS TO BE ZONED SEPARATELY FOR INDEPENDENT CONTROL.	
E3	7/15/22		0.938"W X 0.563"H, LED TAPE IN CHANNEL MAIN ENTRY CANOPY	LINEAR LED STRIP LIGHT IN DETAIL	MANUFACTURER: KELVIX, DIRECT VIEW 700 (OUTDOOR) IN CH-222 CHANNEL CHANNEL: CH-222-(LENGTH")-WH-CP-EC TAPE: DV30K-WR-24V DRIVER: SIMILAR TO HLV96"	LED 3000K 90+ CRI 690 LM/FT	5.3 W/FT	UNV 1% DIM	120V-277V PRIMARY 24V SECONDARY	IP67 BUG-80-UG-60	REMOTE	LD.04	GENERAL NOTES: #2, #3, #4, #5 1. LENGTHS PER DRAWINGS. STOP FIXTURES 3" SHORT OF ENDS OF CANOPY. 2. FIXTURE TO BE ORDERED WITH AN EXTRA LONG LEAD TO ALLOW FOR ALL SPLICES AND DRIVERS TO BE ACCESSIBLE IN INTERIOR OF BUILDING. 3. FIXTURE REQUIRES POUR IN PLACE CONDUIT. EC TO ENSURE NO VISIBLE POWER FEEDS, CONDUIT OR J-BOXES.	

TYPE	REV	IMAGE	DESCRIPTION + LOCATION	MOUNTING	MANUFACTURER / MODEL	SOURCE	WATTS	LOAD	VOLTAGE	RATING	DRIVER	ADD. INFO	DETAIL REF.	SEE NOTES
E3A	7/15/22		0.75"W X 0.75"H, LED TAPE IN CORNER CHANNEL TERRACE SOFFITS	LINEAR LED STRIP LIGHT IN DETAIL	MANUFACTURER: KELVIX DIRECT VIEW 200 (OUTDOOR) IN CH-607 CHANNEL CHANNEL: CH-607-(LENGTH**)-WH-CP-EC TAPE: DL30K-WR-24V DRIVER: SIMILAR TO HLV96**	LED 3000K 90+ CRI 195 LM/FT	3 W/FT	UNV 1% DIM	120V-277V PRIMARY 24V SECONDARY	IP67 BUG: SEE NOTE 3	REMOTE		LD.05	GENERAL NOTES: #2, #3, #4, #5 1. LENGTHS PER DRAWINGS. STOP FIXTURES 4" SHORT OF ENDS OF POCKET TO PREVENT LIGHT SPILY. 2. EC TO ENSURE NO VISIBLE POWER FEEDS, CONDUIT OR J-BOXES. 3. LIGHT FROM FIXTURE COMPLETELY CAPTURED BY ARCHITECTURE, REFER TO LD.05 IN CUTSHEET PACKAGE FOR INTENT.
E3B	7/15/22		1.08"W X 1.18"H, LED STRIP LIGHT WITH LOUVER MAIN ENTRY CANOPY	LINEAR LED STRIP LIGHT IN DETAIL	MANUFACTURER: Q-TRAN, VERS-ENCAPSULATED FIXTURE: VERS-06-SW-4.0-30-WET-ENC(TL-L1-BK-S2-(POWER FEEDS**))-BK-(WIRE TYPE AS REQUIRED)-CC-BK-(LENGTH**) DRIVER: SIMILAR TO QZ**	LED 3000K 90+ CRI 273 LM/FT	4 W/FT	UNV 1% DIM	120V-277V PRIMARY 24V SECONDARY	IP67 BUG: BCU-60	REMOTE		LD.03	GENERAL NOTES: #2, #3, #4, #5 1. LENGTHS PER DRAWINGS. 2. FIXTURE TO BE ORDERED WITH AN EXTRA LONG LEAD TO ALLOW FOR ALL SPLICES AND DRIVERS TO BE ACCESSIBLE IN INTERIOR OF BUILDING. 3. EC TO ENSURE NO VISIBLE POWER FEEDS, CONDUIT OR J-BOXES.
E4	7/15/22		0.938"W X 0.563"H, LED STRIP LIGHT SITE UNDER PLANTER WALLS	LINEAR LED STRIP LIGHT IN DETAIL	MANUFACTURER: KELVIX, DIRECT VIEW 400 (OUTDOOR) IN CH-222 CHANNEL CHANNEL: CH-222-(LENGTH**)-WH-CP-EC TAPE: DK30K-WR-24V DRIVER: SIMILAR TO HLV96** DRIVER BURIAL BOX: Q-VAULT-5-BK**ST**	LED 3000K 92 CRI 390 LM 360° BEAM	3.3 W/FT	UNV 1% DIM	120V-277V PRIMARY 24V SECONDARY	IP67 BUG: BCU-60	REMOTE		LD.06	GENERAL NOTES: #2, #3, #4, #5 1. LENGTHS PER DRAWINGS. STOP FIXTURES 3" SHORT OF ENDS OF RUNS TO PREVENT LIGHT SPILY. 2. REMOTE DRIVER TO BE LOCATED IN WATER PROOF BURIAL BOX IN ADJACENT PLANTERS. COORDINATE LOCATIONS WITH LANDSCAPE ARCHITECT. 3. EC TO ENSURE NO VISIBLE POWER FEEDS, CONDUIT OR J-BOXES.
E4A	90CD	NOT USED												
E5	90CD	NOT USED												
E6	7/15/22		4.7"Ø X 31.5"H, LED PLANTER LIGHT PLANTERS	GROUND MOUNTED PLANTER	MANUFACTURER: DESIGN PLAN, SOFIA FIXTURE: D9012-1302-(FINISH)-US DRIVER: PLT00168-P** ACCESSORIES/OPTIONS: AM-00009 DRIVER BURIAL BOX: Q-VAULT-5-BK**ST**	LED 3000K 80+ CRI 389 LM 360° BEAM	10 W	0-10V 1% DIM	120V-277V	IP65 BUG: BU-UF-60	REMOTE			GENERAL NOTES: #1, #3, #4, #5 1. REMOTE DRIVER TO BE LOCATED IN WATER PROOF BURIAL BOX IN ADJACENT PLANTERS. COORDINATE LOCATIONS WITH LANDSCAPE ARCHITECT. 2. EC TO ENSURE NO VISIBLE POWER FEEDS, CONDUIT OR J-BOXES.
E7	7/15/22		0.63"Ø SNAP IN HANDRAIL LIGHT WITH CURVED FACE EXTERIOR STAIR HANDRAIL	INTEGRATED IN HANDRAIL 24" O.C.	MANUFACTURER: ALPHABET, ZETA750 SNAP FIXTURE: 750S-30K-VA-BG-CF** DRIVER: SIMILAR TO P70414-500-ECO**	LED 3000K 80 CRI 170 LM ASYMMETRIC	1.5 W	0-10V 1% DIM	120V-277V PRIMARY 3V SECONDARY	IP67 BUG: BU-UG-60	REMOTE			GENERAL NOTES: #1, #2, #3, #4, #5 1. EC TO ENSURE NO VISIBLE POWER FEEDS, CONDUIT OR J-BOXES. 2. INDIVIDUAL SNAP FIXTURES TO BE SPACED 24" ON CENTER. COORDINATE WITH ARCHITECTS FINAL HANDRAIL / GUARDRAIL DETAIL.
E7A	7/15/22		0.63"Ø SNAP IN HANDRAIL LIGHT WITH FLAT FACE TERRACE GUARDRAIL	INTEGRATED IN GUARDRAIL 24" O.C.	MANUFACTURER: ALPHABET, ZETA750 SNAP FIXTURE: 750S-30K-VA-BG-FF** DRIVER: SIMILAR TO P70414-500-ECO**	LED 3000K 80 CRI 170 LM ASYMMETRIC	1.5 W	0-10V 1% DIM	120V-277V PRIMARY 3V SECONDARY	IP67 BUG: BU-UG-60	REMOTE			GENERAL NOTES: #1, #2, #3, #4, #5 1. EC TO ENSURE NO VISIBLE POWER FEEDS, CONDUIT OR J-BOXES. 2. INDIVIDUAL SNAP FIXTURES TO BE SPACED 24" ON CENTER. COORDINATE WITH ARCHITECTS FINAL HANDRAIL / GUARDRAIL DETAIL.

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TYPE	REV	IMAGE	DESCRIPTION + LOCATION	MOUNTING	MANUFACTURER / MODEL	SOURCE	WATTS	LOAD	VOLTAGE	RATING	DRIVER	ADD. INFO.	DETAIL REF.	SEE NOTES
E8	7/19/22		2.25" DIAMETER LED TREE UPLIGHT TREES	GROUND MOUNTED PLANTER	MANUFACTURER: BK LIGHTING, NITE STAR II FIXTURE: NSII-LED-e65-NSP-A9-(FINISH*)-12-360SL MOUNTING: PP-J18-TRe20-(FINISH*)-B DRIVER: TRe20	LED 3000K 80+ CRI 466 LM	7 W	ELV	120V-277V PRIMARY 24V SECONDARY	IP65 BUG: SEE NOTE 1	REMOTE		GENERAL NOTES: #1, #3, #5 1. LIGHT FIXTURE IS EXEMPT FROM BUG REQUIREMENTS PER T24 SECTION 140.7(a)-9 AND CAL GREEN CODE SECTION 5.106.8.	
E9	4/18/22		NOT USED											
E10	4/18/22		SIGNAGE LIGHT BY SIGNAGE CONSULTANT, PROVIDE 3000K 90CRI LEDS TO MATCH PROJECT STANDARD, PP TO REVIEW SHOP DRAWINGS FOR TECHNICAL CRITERIA.											