ISSUE: Certificate of Appropriateness for alterations and painting of unpainted masonry

APPLICANT: EAHG Alexandria LP

LOCATION: Old and Historic Alexandria District
625 First Street and 510 Second Street

ZONE: CD/Commercial Downtown Zone

STAFF RECOMMENDATION:
Staff recommends approval of the Certificate of Appropriateness for alterations and the painting of unpainted masonry.

BOARD ACTION February 22, 2022: Partially Approved (Permit to Demolish), Partially Deferred (Certificate of Appropriateness)
On a motion by Ms. Roberts, and seconded by Ms. Sennott, the Board of Architectural Review voted to approve BAR #2021-00471, as submitted. The motion carried on a vote of 5-0.

On a motion by Ms. Roberts, and seconded by Ms. Sennott, the Board of Architectural Review accepted the request for deferral of BAR #2021-00470. The motion carried on a vote of 5-0.

CONDITIONS OF APPROVAL
None.

REASON
The Board wanted to see a sample of the proposed color on the hotel and more details on the proposed window and supported the applicant's request for deferral. They approved the applicant's request for a Permit to Demolish.

SPEAKERS
Bob Brant, attorney, presented the project and answered questions.

Gail Rothrock, 209 Duke Street and HARC, stated that HARC members were opposed to painting the brick and said it was discouraged in the design guidelines. She also said there were maintenance concerns.

Carol Black, Alexandria resident, said that brick buildings in the historic district shouldn't be painted.

Steve Milone, 907 Prince Street and OTCA, said that the building had architectural merit and painting brick causes maintenance issues.

DISCUSSION

Mr. Adams said that the oldest part of the building is 52 years old and would be considered historic. He also said that he preferred the existing window configuration and asked the applicant to consider a new window with muntins similar to the existing windows.

Chair Spencer asked staff to explain the Board's history with reviewing the painting of unpainted masonry. Mr. Conkey described some recent requests for painting that were approved as well as examples of where the color and texture of certain brick was considered character defining. He said that staff considered this building to be a contemporary building with brick that was not character defining.

Ms. Sennott said she appreciates the contemporary architecture of the building but didn't think that painting the brick was necessary and thought it would make the already large building appear more monolithic.

Ms. Roberts agrees that the brick was not character defining but is sensitive to concerns about maintenance and the age of the early part of the building being greater than 50 years old. She said that she would like to see a large mockup of the colored brick on the hotel.

Mr. Brant said that he meant to describe the color as a stain, rather than a paint which preserved the texture and porosity of the brick. He also said that the stain would have a matt finish.

Chair Spencer said that his concerns had to do with long term maintenance and thought that the brick was an important element of the building. He said he thought the dark color would make the building appear monolithic and that there were opportunities beyond paint to activate the building.

STAFF RECOMMENDATION February 16, 2022:

Staff recommends approval of the Permit to Demolish/Capsulate (partial) and Certificate of Appropriateness for alterations and the painting of unpainted masonry.

GENERAL NOTES TO THE APPLICANT

1. APPEAL OF DECISION: In accordance with the Zoning Ordinance, if the Board of Architectural Review denies or approves an application in whole or in part, the applicant or opponent may appeal the Board's decision to City Council on or before 14 days after the decision of the Board.

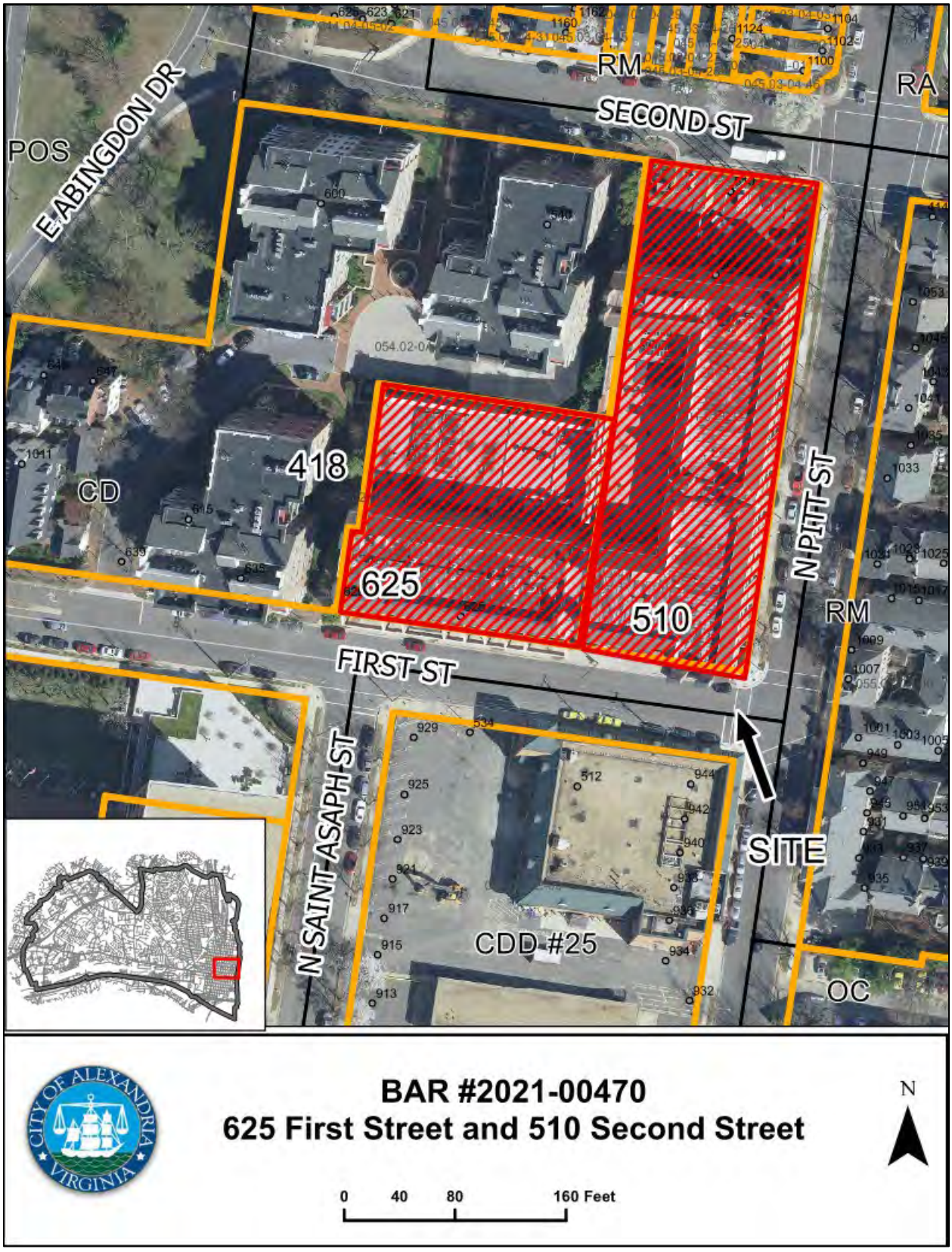
2. COMPLIANCE WITH BAR POLICIES: All materials must comply with the BAR's adopted policies unless otherwise specifically approved.

3. BUILDING PERMITS: Most projects approved by the Board of Architectural Review require the issuance of one or more construction permits by Department of Code Administration (including signs). The applicant is responsible for obtaining all necessary construction permits after receiving Board of Architectural Review approval. Contact Code Administration, Room 4200, City Hall, 703-746-4200 for further information.

4. ISSUANCE OF CERTIFICATES OF APPROPRIATENESS AND PERMITS TO DEMOLISH: Applicants must obtain a copy of the Certificate of Appropriateness or Permit to Demolish PRIOR to applying for a building permit. Contact BAR Staff, Room 2100, City Hall, 703-746-3833, or preservation@alexandriava.gov for further information.

5. EXPIRATION OF APPROVALS NOTE: In accordance with Sections 10-106(B), 10-206(B) and 10-307 of the Zoning Ordinance, any Board of Architectural Review approval will expire 12 months from the date of issuance if the work is not commenced and diligently and substantially pursued by the end of that 12-month period.

6. HISTORIC PROPERTY TAX CREDITS: Applicants performing extensive, certified rehabilitations of historic properties may separately be eligible for state and/or federal tax credits. Consult with the Virginia Department of Historic Resources (VDHR) prior to initiating any work to determine whether the proposed project may qualify for such credits.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BAR #2021-00470
625 First Street and 510 Second Street
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0 40 80 160 Feet

UPDATE:

The applicant has provided the following additional information related to the hotel renovation project.

Brick stain

The applicant has painted a portion of the building with the proposed grey stain (not paint as originally proposed) as shown in the photo below. The applicant will coordinate with BAR members and adjacent property owners to see the stained brick sample on site, which is in a courtyard area and not visible from the public way. The applicant's revised narrative describes in detail the differences between a painted and stained brick building.

Figure 1: Proposed brick stain

Windows

The applicant has installed two of the proposed new windows in the existing openings and the windows are shown in the photograph below, under two existing windows. The difference between the two is the operation – the original windows were sliders, and the new window will have a fixed single pane. Due to supply chain issues the integrated vent is not yet on site and has not been installed; however, the applicant believes that it will be installed prior to the BAR member visits next week.

Figure 2: Proposed aluminum windows (vent not yet installed) below existing windows

The previous staff report text is included below, with the portions devoted to the Permit to Demolish struck since that aspect of the project was approved by the BAR at the February 16, 2022 public hearing.

I. APPLICANT'S PROPOSAL

The applicant requests a ~~Permit to Demolish/Capsulate (partial) and~~ Certificate of Appropriateness for various alterations at the former Holiday Inn hotel at 625 First Street as part of rebranding efforts for the new property owner.

~~Permit to Demolish/Capsulate~~

- ~~Demolition of existing roof and replacement with a standing seam metal roof.~~
- ~~Demolition of windows, including storefront windows, for new windows and doors.~~
- ~~Demolition of minor portions of masonry for new storefront windows.~~
- ~~Demolition of railings and light fixtures, as well as awnings.~~

- ~~Demolition of the existing glass vault canopy at the hotel entrance.~~

Certificate of Appropriateness

- Relocation of the hotel entrance and covered portico to the west, as well as relocation of some storefront doors and windows.
- Installation of a new metal and glass canopy with integrated lighting.
- Painting of the exterior brick with Benjamin Moore RAL7022, a dark grey color.
- Installation of a metal trellis and a new landscaped area at the SE and SW corners of the building, including planters to define the space.
- New black metal framed full light windows, with integrated vents.
- A halo lit hotel identification sign on the canopy facing First Street as well as new exterior lighting.

Site context

The property has street frontage on both First and N. Pitt streets and given the size of the building there are views of the property from numerous locations. The Old & Historic Alexandria District boundaries go through the center of the building but by past practice the BAR reviews and approves the building as a whole.

II. HISTORY

The hotel at 625 First Street has frontage on both First and N. Pitt Streets and was constructed in two phases. The first phase of the building was constructed as an addition in the **late 1970s** as part of the Old Colony Inn, which once occupied this site as well as the land to the west and north. The second phase of the hotel was constructed in the **mid-1980s** when the larger portion was constructed fronting on N. Pitt Street (Figure 1).

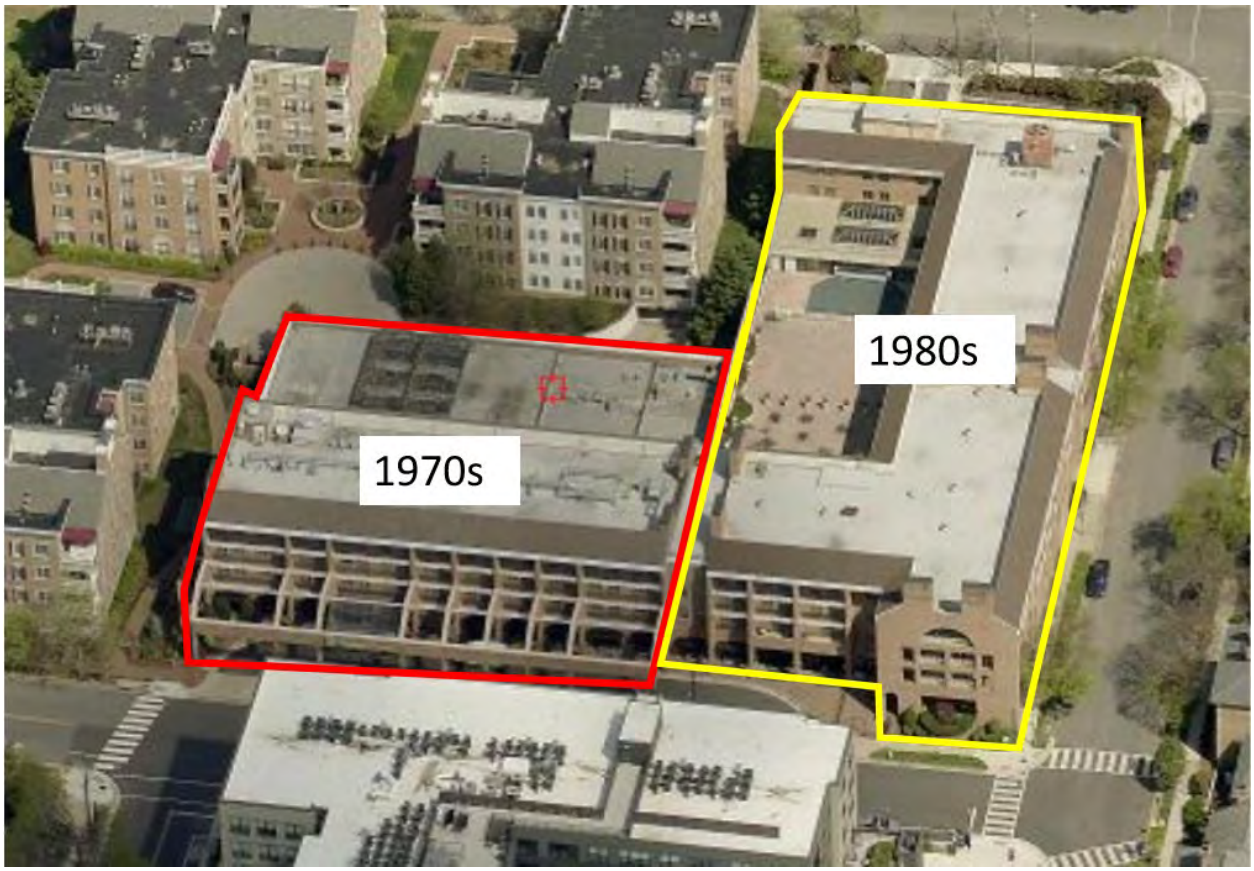


Figure 3: Building phases

The BAR has reviewed numerous applications since the hotel was constructed, limited to minor alterations such as signage, awnings, fenestration changes at the first floor and construction of a brick screening wall.

III. ANALYSIS

~~Permit to Demolish/Capsulate~~

~~In considering a Permit to Demolish/Capsulate, the Board must consider the following criteria set forth in the Zoning Ordinance, §10-105(B), which relate only to the subject property and not to neighboring properties. The Board has purview of the proposed demolition/capsulation regardless of visibility.~~

~~Standard~~	~~Description of Standard~~	~~Standard Met?~~
~~(1)~~	~~Is the building or structure of such architectural or historical interest that its moving, removing, capsulating or razing would be to the detriment of the public interest?~~	~~No~~
~~(2)~~	~~Is the building or structure of such interest that it could be made into a historic shrine?~~	~~No~~

~~(3)~~	~~Is the building or structure of such old and unusual or uncommon design, texture and material that it could not be reproduced or be reproduced only with great difficulty?~~	~~No~~
~~(4)~~	~~Would retention of the building or structure help preserve the memorial character of the George Washington Memorial Parkway?~~	~~No~~
~~(5)~~	~~Would retention of the building or structure help preserve and protect an historic place or area of historic interest in the city?~~	~~No~~
~~(6)~~	~~Would retention of the building or structure promote the general welfare by maintaining and increasing real estate values, generating business, creating new positions, attracting tourists, students, writers, historians, artists and artisans, attracting new residents, encouraging study and interest in American history, stimulating interest and study in architecture and design, educating citizens in American culture and heritage, and making the city a more attractive and desirable place in which to live?~~	~~No~~

~~Staff does not believe that the proposed demolition meets any of the criteria above, as the structure was constructed in the 1970s and 1980s has not achieved historic significance in its own right through time or as the work of a nationally recognized architect. The demolition does not remove any character-defining features of uncommon design or historic merit, does not compromise the integrity of historic areas of the district, and will not be a detriment to the public interest. Therefore, staff supports the application for a Permit to Demolish/Capsulate, as submitted.~~

Certificate of Appropriateness

It is not unusual for the Board to approve fenestration changes and storefront alterations to buildings as tastes change and architectural design and detailing evolves. As such, given the age of the building and lack of a distinct style, staff has no objection to the proposed alterations. The materials proposed are of high quality and the improvements have considered the building and site within the full context. The reduced drive aisle and improvements to the First Street façade will provide a more activated exterior space for hotel guests.

The zoning ordinance specifically prohibits painting previously unpainted masonry surfaces without BAR approval. Section 10-109(B)(4) of the zoning ordinance states: "The painting of a masonry building which was unpainted prior to such painting shall be considered to be the removal of an exterior feature having historic and/or architectural significance requiring a certificate of appropriateness." The *Design Guidelines* further state that "painting a previously unpainted masonry surface, no matter what color, requires review and approval of a certificate of appropriateness by the Boards. Additionally, the Boards strongly discourage the painting of a previously unpainted masonry surface." However, the Standards and *Design Guidelines* have been designed in a way to distinguish what is appropriate in one part of the district or at one building from what may not be appropriate in other areas or on other buildings so each request is reviewed

on a case-by-case. In this case, staff has no objection to the painting of the unpainted mid-to-late 20th century brick building as it is unremarkable in both color and detailing. The building is large and somewhat monolithic, and the painting of the building will give the hotel a more contemporary appearance, especially pared with the proposed improvements to the fenestration, site elements and lighting.

The applicant initially stated in the project narrative that the building would be painted black; however, the proposed color - Benjamin Moore RAL7022 – is grey with olive undertones as shown in the color swatch below (Figure 2).

While the ordinance references "color" in the *Standards* for consideration, it is the Board's long-standing policy to review paint colors only when associated with new construction. The *Design Guidelines* chapter on painting includes only two guidelines with respect to painting: "Structures should be painted a color appropriate to the historical period of the architectural style" and "Day-glow, neon and metallic colors as well as the color purple are inappropriate in the historic districts and the application of these colors alters the architectural character of the building." In the opinion of staff, the proposed painting of the unpainted masonry building is "appropriate to the historical period of the architectural style" of the structure. For this structure, the issue of what color the building should be painted is more a matter of preference than an issue related to historic preservation. Fortunately, a painted building can easily be repainted any color relatively easily and with little expense.

Staff recommends approval of the application as submitted.

STAFF
Stephanie Sample, Historic Preservation Planner, Planning & Zoning
Tony LaColla, AICP, Land Use Services Division Chief, Planning & Zoning

IV. CITY DEPARTMENT COMMENTS

Legend: C- code requirement R- recommendation S- suggestion F- finding

Zoning

F-1 The applicant has submitted a site plan amendment for the proposed improvements (SIT85-0021).

Code Administration

A building permit and plan review are required prior to the start of construction.

Transportation and Environmental Services

CONDITIONS

R-1 The building permit must be approved and issued prior to the issuance of any permit for demolition, if a separate demolition permit is required. (T&ES)

R-2 Applicant shall be responsible for repairs to the adjacent city right-of-way if damaged during construction activity. (T&ES)

R-3 No permanent structure may be constructed over any existing private and/or public utility easements. It is the responsibility of the applicant to identify any and all existing easements on the plan. (T&ES)

FINDINGS:

F-1 After review of the information provided, an approved grading plan is not required at this time. Please note that if any changes are made to the plan it is suggested that T&ES be included in the review. (T&ES)

CODE REQUIREMENTS

C-1 The applicant shall comply with the City of Alexandria's Solid Waste Control, Title 5, Chapter 1, which sets forth the requirements for the recycling of materials (Sec. 5-1-99). (T&ES)

C-2 The applicant shall comply with the City of Alexandria's Noise Control Code, Title 11, Chapter 5, which sets the maximum permissible noise level as measured at the property line. (T&ES)

C-3 Roof, surface and sub-surface drains be connected to the public storm sewer system, if available, by continuous underground pipe. Where storm sewer is not available applicant must provide a design to mitigate impact of stormwater drainage onto adjacent properties and to the satisfaction of the Director of Transportation & Environmental Services. (Sec.5-6-224) (T&ES)

C-4 Any work within the right-of-way requires a separate permit from T&ES. (Sec. 5-2) (T&ES)

Alexandria Archaeology

F-1 No archaeological oversight will be necessary for this undertaking.

V. ATTACHMENTS

1 – Application Materials
2 – Supplemental Materials

BAR Case # _____

ADDRESS OF PROJECT: 625 First Street and 510 Second Street

DISTRICT: ■ **Old & Historic Alexandria** ☐ **Parker – Gray** ☐ **100 Year Old Building**

TAX MAP AND PARCEL: 054.02-05-03, 055.01-01-01 **ZONING:** CD

APPLICATION FOR: *(Please check all that apply)*

■ CERTIFICATE OF APPROPRIATENESS

■ PERMIT TO MOVE, REMOVE, ENCAPSULATE OR DEMOLISH
(Required if more than 25 square feet of a structure is to be demolished/impacted)

☐ WAIVER OF VISION CLEARANCE REQUIREMENT and/or YARD REQUIREMENTS IN A VISION CLEARANCE AREA (Section 7-802, Alexandria 1992 Zoning Ordinance)

☐ WAIVER OF ROOFTOP HVAC SCREENING REQUIREMENT
(Section 6-403(B)(3), Alexandria 1992 Zoning Ordinance)

Applicant: ■ Property Owner ☐ Business *(Please provide business name & contact person)*

Name: EAHG Alexandria LP

Address: c/o Electra America Hospitality Group LLC 1331 South Killian Drive, Suite A

City: Lake Park State: FL Zip: 33403

Phone: _____ E-mail : _____

Authorized Agent *(if applicable)*: ■ Attorney ☐ Architect ☐ _____

Name: M. Catharine Puskar, Attorney/Agent Phone: (703) 528-4700

E-mail: cpuskar@thelandlawyers.com

Legal Property Owner:

Name: EAHG Alexandria LP

Address: c/o Electra America Hospitality Group LLC 1331 South Killian Dr. Suite A

City: Lake Park State: FL Zip: 33403

Phone: _____ E-mail: _____

☐ **Yes** ■ **No** Is there an historic preservation easement on this property?
☐ **Yes** ☐ **No** If yes, has the easement holder agreed to the proposed alterations?
☐ **Yes** ☒ **No** Is there a homeowner's association for this property?
☐ **Yes** ☐ **No** If yes, has the homeowner's association approved the proposed alterations?

If you answered yes to any of the above, please attach a copy of the letter approving the project.

BAR Case # _____

NATURE OF PROPOSED WORK: *Please check all that apply*

☐ NEW CONSTRUCTION
☒ EXTERIOR ALTERATION: *Please check all that apply.*

■ awning	☐ fence, gate or garden wall	☐ HVAC equipment	☐ shutters
■ doors	■ windows	☐ siding	☐ shed
■ lighting	■ pergola/trellis	■ painting unpainted masonry	
☐ other _____			

☐ ADDITION
■ DEMOLITION/ENCAPSULATION
☐ SIGNAGE

DESCRIPTION OF PROPOSED WORK: *Please describe the proposed work in detail (Additional pages may be attached).*

See attached Narrative.

SUBMITTAL REQUIREMENTS:

Items listed below comprise the **minimum supporting materials** for BAR applications. Staff may request additional information during application review. Please refer to the relevant section of the *Design Guidelines* for further information on appropriate treatments.

Applicants must use the checklist below to ensure the application is complete. Include all information and material that are necessary to thoroughly describe the project. Incomplete applications will delay the docketing of the application for review. Pre-application meetings are required for all proposed additions. All applicants are encouraged to meet with staff prior to submission of a completed application.

Demolition/Encapsulation : *All applicants requesting 25 square feet or more of demolition/encapsulation must complete this section. Check N/A if an item in this section does not apply to your project.*

N/A		
☒	☐	Survey plat showing the extent of the proposed demolition/encapsulation.
☒	☐	Existing elevation drawings clearly showing all elements proposed for demolition/encapsulation.
☐	■	Clear and labeled photographs of all elevations of the building if the entire structure is proposed to be demolished.
☒	☐	Description of the reason for demolition/encapsulation.
☒	☐	Description of the alternatives to demolition/encapsulation and why such alternatives are not considered feasible.

BAR Case # _____

Additions & New Construction: *Drawings must be to scale and should not exceed 11" x 17" unless approved by staff. Check N/A if an item in this section does not apply to your project.*

	N/A	
☐	☐	Scaled survey plat showing dimensions of lot and location of existing building and other structures on the lot, location of proposed structure or addition, dimensions of existing structure(s), proposed addition or new construction, and all exterior, ground and roof mounted equipment.
☐	☐	FAR & Open Space calculation form.
☐	☐	Clear and labeled photographs of the site, surrounding properties and existing structures, if applicable.
☐	☐	Existing elevations must be scaled and include dimensions.
☐	☐	Proposed elevations must be scaled and include dimensions. Include the relationship to adjacent structures in plan and elevations.
☐	☐	Materials and colors to be used must be specified and delineated on the drawings. Actual samples may be provided or required.
☐	☐	Manufacturer's specifications for materials to include, but not limited to: roofing, siding, windows, doors, lighting, fencing, HVAC equipment and walls.
☐	☐	For development site plan projects, a model showing mass relationships to adjacent properties and structures.

Signs & Awnings: *One sign per building under one square foot does not require BAR approval unless illuminated. All other signs including window signs require BAR approval. Check N/A if an item in this section does not apply to your project.*

	N/A	
☐	■	Linear feet of building: Front:_____Secondary front (if corner lot):_____.
☐	■	Square feet of existing signs to remain:_____.
☐	■	Photograph of building showing existing conditions.
☐	■	Dimensioned drawings of proposed sign identifying materials, color, lettering style and text.
☐	■	Location of sign (show exact location on building including the height above sidewalk).
☐	■	Means of attachment (drawing or manufacturer's cut sheet of bracket if applicable).
☐	■	Description of lighting (if applicable). Include manufacturer's cut sheet for any new lighting fixtures and information detailing how it will be attached to the building's facade.

Alterations: *Check N/A if an item in this section does not apply to your project.*

	N/A	
☒	☐	Clear and labeled photographs of the site, especially the area being impacted by the alterations, all sides of the building and any pertinent details.
☒	☐	Manufacturer's specifications for materials to include, but not limited to: roofing, siding, windows, doors, lighting, fencing, HVAC equipment and walls.
☒	☐	Drawings accurately representing the changes to the proposed structure, including materials and overall dimensions. Drawings must be to scale.
☐	■	An official survey plat showing the proposed locations of HVAC units, fences, and sheds.
☐	■	Historic elevations or photographs should accompany any request to return a structure to an earlier appearance.

BAR Case # _____

ALL APPLICATIONS: *Please read and check that you have read and understand the following items:*

☒ I have submitted a filing fee with this application. (Checks should be made payable to the City of Alexandria. Please contact staff for assistance in determining the appropriate fee.)

☒ I understand the notice requirements and will return a copy of the three respective notice forms to BAR staff at least five days prior to the hearing. If I am unsure to whom I should send notice I will contact Planning and Zoning staff for assistance in identifying adjacent parcels.

☒ I, the applicant, or an authorized representative will be present at the public hearing.

☒ I understand that any revisions to this initial application submission (including applications deferred for restudy) must be accompanied by the BAR Supplemental form and revised materials.

The undersigned hereby attests that all of the information herein provided including the site plan, building elevations, prospective drawings of the project, and written descriptive information are true, correct and accurate. The undersigned further understands that, should such information be found incorrect, any action taken by the Board based on such information may be invalidated. The undersigned also hereby grants the City of Alexandria permission to post placard notice as required by Article XI, Division A, Section 11-301(B) of the 1992 Alexandria City Zoning Ordinance, on the property which is the subject of this application. The undersigned also hereby authorizes the City staff and members of the BAR to inspect this site as necessary in the course of research and evaluating the application. The applicant, if other than the property owner, also attests that he/she has obtained permission from the property owner to make this application.

APPLICANT OR AUTHORIZED AGENT:

Signature: MCPuskar _____

Printed Name: M. Catharine Puskar

Date: 1/18/2022

Department of Planning and Zoning
Floor Area Ratio and Open Space Calculations
as of 12/20/18

B

A. Property Information

A1. 625 First Street and 510 Second Street — Street Address | CL — Zone

A2. 72,352.00 — Total Lot Area **x** 1.50 — Floor Area Ratio Allowed by Zone **=** 108,528.00 — Maximum Allowable Floor Area

B. Existing Gross Floor Area

Existing Gross Area		Allowable Exclusions**	
First Floor	54,364.00	Basement**	
Mezzanine	3,859.00	Stairways**	
Second Floor	33,591.00	Mechanical**	
Third Floor	31,711.00	Attic less than 7'**	
Fourth Floor	31,907.00	Porches**	
Porches		Balcony/Deck**	
Balcony/Deck		Lavatory***	
Lavatory***		Other**	
PARKING GARAGE		Other**	
B1. Total Gross	155,432.00	**B2. Total Exclusions**	0.00

B1. 155,432.00 Sq. Ft. — Existing Gross Floor Area*

B2. 0.00 Sq. Ft. — Allowable Floor Exclusions**

B3. 155,432.00 Sq. Ft. — Existing Floor Area Minus Exclusions *(subtract B2 from B1)*

Comments for Existing Gross Floor Area

Note: The existing building was constructed prior to the effective date of the Zoning Ordinance and is a noncomplying structure per Sec. 12-100. The proposed alterations do not result in an increase in floor area as defined by Sec. 2-145 of the Zoning Ordinance.

C. Proposed Gross Floor Area

Proposed Gross Area		Allowable Exclusions**	
First Floor		Basement**	
Mezzanine		Stairways**	3,475.00
Second Floor		Mechanical**	651.00
Third Floor		Attic less than 7'**	
Fourth Floor		Porches**	
Porches		Balcony/Deck**	
Balcony/Deck		Lavatory***	4,824.00
Lavatory***		Other**	
New Canopy	1,404.00	Other**	
C1. Total Gross	1,404.00	**C2. Total Exclusions**	8,950.00

C1. 1,404.00 Sq. Ft. — Proposed Gross Floor Area*

C2. 8,950.00 Sq. Ft. — Allowable Floor Exclusions**

C3. -7,546.00 Sq. Ft. — Proposed Floor Area Minus Exclusions *(subtract C2 from C1)*

D. Total Floor Area

D1. 147,886.00 * Sq. Ft. — Total Floor Area *(add B3 and C3)*

D2. 108,528.00 Sq. Ft. — Total Floor Area Allowed by Zone *(A2)*

*See note above.

E. Open Space

E1. Sq. Ft. — Existing Open Space

E2. Sq. Ft. — Required Open Space

E3. Sq. Ft. — Proposed Open Space

Notes

**Gross floor area is the sum of all areas under roof of a lot, measured from the face of exterior walls, including basements, garages, sheds, gazebos, guest buildings and other accessory buildings.*

*** Refer to the Zoning Ordinance (Section 2-145(B)) and consult with Zoning Staff for information regarding allowable exclusions. Sections may also be required for some exclusions.*

****Lavatories may be excluded up to a maximum of 50 square feet, per lavatory. The maximum total of excludable area for lavatories shall be no greater than 10% of gross floor area.*

The undersigned hereby certifies and attests that, to the best of his/her knowledge, the above computations are true and correct.

Signature: Benjamin Webne, HGA Date: 1/18/2022

Narrative Description

Certificate of Appropriateness & Permit to Demolish
625 First Street & 504 Second Street

January 18, 2022
Revised March 7, 2022

The Applicant requests approval of a Permit to Demolish and a Certificate of Appropriateness to allow limited demolition of and exterior alterations to the existing non-historic hotel building located at 625 First Street and 504 Second Street (the "Property").

The Property is located in the northwest quadrant of the intersection of First Street and N. Pitt Street in Old Town North, and is developed with a four-story hotel that was constructed in the mid-1970s. The Property is located on the periphery of the Old and Historic Alexandria District (the "OHAD"). While minimally visible from the George Washington Memorial Parkway, a portion of the building is located within the OHAD. The eastern portion of the building, including the entire eastern façade facing North Pitt Street, is outside the OHAD.

The Applicant is proposing to re-brand and renovate the existing hotel. The proposed renovations include the demolition of limited portions of the facades and certain building features, but the building itself will remain. A number of exterior alterations are proposed to enhance the appearance of the building. The proposed demolition and exterior alterations are described below, as more fully illustrated in the submitted materials:

- Permit to Demolish – A limited amount of demolition is proposed in connection with the exterior alterations. The existing shingle roof will be removed and replaced. The existing windows on the building will be removed and replaced, including the storefront windows and entryways along First Street as well as the guest room windows and associated mechanical unit vent covers on the upper three stories. Limited portions of the ground-floor masonry façade along First Street and N. Pitt Street will be demolished and replaced with windows or doors. The existing awnings above the ground floor windows and entryways along First Street will be removed.

- Certificate of Appropriateness – The proposed renovation includes the following exterior alterations to the building:

    - The color of the existing brick façade will be altered through the application of a grey brick stain. The proposed brick staining technique has a number of advantages over the more commonly applied technique of painting brick to alter its color. From an aesthetic standpoint, the staining technique will preserve the underlying texture, porosity and character of the existing brick and mortar, as opposed to paint which would cover the original brick with an impenetrable membrane. Staining is also preferable from a maintenance standpoint. While paint has a tendency to blister, peel or chip resulting in the need for frequent maintenance, the proposed stain product does not. The stain will be absorbed

into the existing brick, maintaining its permeability, and resulting in a durable finish that requires virtually no maintenance. The proposed staining is similar to a lime wash technique which has been applied to buildings in the OHAD. Accordingly, the proposed stain will change the color of the brick in a manner that preserves its original texture and character, while minimizing the need for future maintenance.

The proposed grey color will integrate the brick façade with other proposed building materials which include a metal standing seam roof, metal window frames, and metal guardrails and trellis features. The proposed brick color is compatible with existing buildings in the immediate vicinity of the Property, such as the mixed-use development directly across First Street that is characterized by a variety of colors, including grey elements such as brick detailing and window trim on the northern façade facing the hotel, and grey panel on the facades of the townhouse-style elements facing N. Pitt Street. In addition, the proposed grey color is consistent with a number of brick buildings in the vicinity of the Property and in the OHAD that have been painted – not stained – a grey or similar dark color. Nearby examples of such buildings include 818 N. St. Asaph Street and 1010 N. Fairfax Street. Additionally, the building at 1301 King Street in the OHAD was recently painted grey. There are therefore several precedent examples of similar brick buildings in the vicinity and in the OHAD that have been altered to have a similar grey or dark color.

While the proposed staining will not involve the application of paint, the proposed alteration is consistent with prior approvals in which the BAR has permitted the painting of non-historic brick buildings constructed in the late-20th century, including 819 S. Lee Street and 101 Princess Street. In addition to the examples of grey buildings referenced above, there are a number of other nearby examples of painted brick buildings in the immediate vicinity of the Property. The freestanding residential building at 1011 N. Washington Street, which was constructed in the early 2000's, is characterized by painted brick. The PNC Bank building at 825 N. Washington Street is also painted brick. Finally, the condominium buildings at the intersection of N. Washington Street and Montgomery Street were constructed with painted brick. While the proposed staining technique provides the aesthetic and maintenance advantages described above, the alteration of the brick and use of color is consistent with prior approvals in the vicinity of the property and in the OHAD.

- The existing shingled roof along First Street will be removed and replaced with a metal standing seam roof. The existing chimney-like rooftop features will remain.

- The existing vehicular drop off area on First Street will be significantly reduced. New outdoor areas with open-air trellis features and landscaping are proposed at the southeast and southwest corners of the building, with landscaped planters and lighting added along the frontage.

- A new entrance canopy with lighting will be installed at the main building entrance on First Street.

- All guest room windows throughout the building will be replaced with new like-kind windows. The condition of the existing windows has significantly deteriorated over the years, and the proposed windows will result in a significant aesthetic improvement. While the proposed windows are similar to the existing windows, the Applicant has selected a single pane window system. The existing windows consist of two separately framed glass panes. One pane is set in a fixed position, while the other pane is able to slide open and shut. While the two frames appear to be separate by a vertical mullion, this vertical piece is actually part of the frame for the sliding glass pane. It therefore serves a utilitarian function and does not contribute to the design or aesthetic of the windows. With the proposed renovations, the Applicant has selected single pane windows that do not have the capacity to open or shut. The proposed single pane windows will be easier to maintain, and the lack of an opening function will result in greater energy efficiency for the hotel. Additionally, current building code limits the extent to which hotel windows can open, and there is no practical reason for the proposed windows to have this capacity. Aside from this functional difference, the proposed windows are in all other respects highly similar to the existing windows, and will therefore maintain the general character of the facades.

The Applicant's proposal meets the criteria for Permits to Demolish set forth in Section 10-105(B) of the Zoning Ordinance:

1. Is the building or structure of such architectural or historical interest that its moving, removing, capsulating or razing would be to the detriment of the public interest?

   No. The building was constructed in the mid 1970's and is not considered a structure of architectural or historical interest.

2. Is the building or structure of such interest that it could be made into an historic shrine?

   No. The building was constructed in the mid 1970's and could not be made into an historic shrine.

3. Is the building or structure of such old and unusual or uncommon design, texture and material that it could not be reproduced or be reproduced only with great difficulty.

   No. The design, texture and materials of the non-historic building could be reproduced today. There are numerous examples in the City of large-scale buildings constructed in this time period that share a similar architectural style and were constructed with similar materials. The Applicant's proposed alterations will therefore not result in the loss of an uncommon or unique architectural character. In addition, there is nothing unique or

uncommon about the red brick that was selected when the hotel was initially constructed. The relatively standard brick color and type could be easily obtained and reproduced today.

4. Would retention of the building or structure help preserve the memorial character of the George Washington Memorial Parkway?

   The existing building will remain. The limited portions of the facade to be demolished are not visible the George Washington Memorial Parkway.

5. Would retention of the building or structure help preserve and protect an historic place or area of historic interest in the City?

   N/A. The existing building will remain.

6. Would retention of the building or structure promote the general welfare by maintaining and increasing real estate values, generating business, creating new positions, attracting tourists, students, writers, historians, artists and artisans, attracting new residents, encouraging study and interest in American History, stimulating interest and study in architecture and design, educating citizens in American culture and heritage and making the City a more attractive and desirable place in which to live?

   N/A. The existing building will remain.

7. In the instance of a building or structure owned by the City or the redevelopment and housing authority, such building or structure having been acquired pursuant to a duly approved urban renewal (redevelopment) plan, would retention of the building or structure promote the general welfare in view of the needs of the City for an urban renewal (redevelopment) project?

   N/A. The building is not owned by the City or the redevelopment and housing authority.

The Applicant's proposal addresses the standards for Certificates of Appropriateness set forth in Section 10-105(A)(2) of the Zoning Ordinance:

a. Overall architectural design, form, style and structure, including but not limited to the height, mass and scale of buildings or structures.

   The proposed exterior alterations are aesthetic modifications that will have no impact on the height, mass or scale of the existing building. The overall design, form, style and structure of the building will remain unchanged. While the proposed staining will alter the color of the existing brick and mortar, the technique will preserve the texture and character of the original materials.

b. Architectural details including, but not limited to, original materials and methods of construction, the pattern, design and style of fenestration, ornamentation, lighting, signage

and like decorative or functional fixtures of buildings or structures; the degree to which the distinguishing original qualities or character of a building, structure or site (including historic materials) are retained.

The proposed alterations to the non-historic building constructed in the late-20th century are appropriate given the previous materials and methods of construction. The proposed window patterns, lighting, and architectural details of the proposed alterations are compatible with the character of the existing building and with the character of development in the surrounding area, the majority of which is located outside the OHAD boundaries. As discussed in detail above, the proposed alteration of the brick color through staining has a significant advantage over the typical painting technique in that it will preserve the porosity, texture, and character of the existing brick and mortar. In addition, the staining technique results in significantly greater durability and virtually eliminates the need for future maintenance. The alterations will largely retain the original qualities and character of the existing building, and will enhance the building through replacement of the aging roof and windows, introduction of new lighting, and the activation of the streetscape along First Street.

c. Design and arrangement of buildings and structures on the site; and the impact upon the historic setting, streetscape or environs;

No changes are proposed to the arrangement of buildings and structures on the Property.

d. Texture, material and color, and the extent to which any new architectural features are historically appropriate to the existing structure and adjacent existing structures;

The proposed brick color, metal panel and standing seam roof, and other proposed building materials are appropriate given the contemporary character of the existing 20th century structure, and are compatible with adjacent existing structures which include the recently completed mixed-use development directly across First Street to the south and an office building to the southwest constructed in the late 1980s. As discussed above, there are several examples of brick buildings in the vicinity of the Property and in the OHAD that have been altered with a similar grey color. The recently constructed building located directly across First Street from the property includes grey brick detailing. While the proposed staining technique is distinct from painting, a number of painted brick buildings have been approved on parcels in the OHAD in the vicinity of the property. The proposed alteration of the brick color is therefore appropriate given the context of the surrounding area. Finally, the proposed trellis, canopy, and other elements at the ground level on First Street will complement the retail frontage of the mixed-use building to the south.

e. The relation of the features in sections 10-105(A)(2)(a) through (d) to similar features of the preexisting building or structure, if any, and to buildings and structures in the immediate surroundings;

The proposed features and exterior alterations will enhance the quality and appearance of the existing non-historic building, while preserving its overall character. The proposed brick stain will preserve the texture and quality of the existing brick and mortar, for the reasons identified above. The use of colored brick is also compatible with structures in the immediate surroundings, including the mixed-use development directly across First Street, the Liberty Row condominium buildings along Washington Street, and multiple other buildings throughout Old Town North. The proposed like-kind window replacement will result in a significant improvement over the deteriorated condition of the existing windows.

f. The extent to which the building or structure would be harmonious with or incongruous to the old and historic aspect of the George Washington Memorial Parkway;

The existing building is minimally visible from the George Washington Memorial Parkway, and only has frontage on First Street and N. Pitt Street. The proposed exterior alterations will not adversely impact the old and historic aspect of the Parkway.

g. The extent to which the building or structure will preserve or protect historic places and areas of historic interest in the city;

The Property is not a historic place or an area of particular historic interest.

h. The extent to which the building or structure will preserve the memorial character of the George Washington Memorial Parkway;

The existing building is minimally visible from the George Washington Memorial Parkway and only has frontage on First Street and N. Pitt Street. The proposed exterior alterations will not adversely the memorial character of the Parkway.

i. The extent to which the building or structure will promote the general welfare of the city and all citizens by the preservation and protection of historic interest in the city and the memorial character of the George Washington Memorial Parkway;

The existing building is non-historic and minimally visible from the George Washington Memorial Parkway, as noted above.

j. The extent to which such preservation and protection will promote the general welfare by maintaining and increasing real estate values, generating business, creating new positions, attracting tourists, students, writers, historians, artists and artisans, attracting new residents, encouraging study and interest in American history, stimulating interest and study in architecture and design, educating citizens in American culture and heritage and making the city a more attractive and desirable place in which to live.

The Applicant's proposed renovation and enhancement of the existing hotel will increase the value of the Property, create new jobs, and generate additional economic activity in the neighborhood by attracting tourist and hotel patrons to the area. The exterior

alterations represent improvements to the existing façades that will result in a more attractive and aesthetically pleasing appearance.

The Applicant's proposal is consistent with the Zoning Ordinance standards and criteria applicable to Permits to Demolish and Certificates of Appropriateness. Approval of the submitted requests will enable the Applicant to enhance the appearance of the existing building in a manner that is compatible with the pattern of development in the surrounding area, and generate new activity and architectural interest in Old Town North.

ELECTRA
AMERICA
HOSPITALITY

December 28, 2021

Karl Moritz
301 King Street
City Hall, Room 2100
Alexandria, Virginia 22314

Re: Consent/Authorization to File an Application for a Board of Architectural Review Permit to Demolish and Certificate of Appropriateness
625 First Street and 504 Second Street
Parcel ID #054.02-05-03, 055.01-01-01 (the "Property")

Dear Mr. Moritz:

As owner of the above referenced Property, EAHG Alexandria, LP hereby authorizes Walsh, Colucci, Lubeley & Walsh, P.C. to act as agent on its behalf for the filing and representation of applications for a Permit to Demolish and Certificate of Appropriateness from the Board of Architectural Review, and any related requests for the Property.

Very Truly Yours,

EAHG ALEXANDRIA LP

By: _____ (Russell Urban)

Its: Authorized Agent

Date: 12/28/21

OWNERSHIP AND DISCLOSURE STATEMENT
Use additional sheets if necessary

1. Applicant. State the name, address and percent of ownership of any person or entity owning an interest in the applicant, unless the entity is a corporation or partnership, in which case identify each owner of more than three percent. The term ownership interest shall include any legal or equitable interest held at the time of the application in the real property which is the subject of the application.

Name	Address	Percent of Ownership
1. EAHG Alexandria LP	c/o Electra America Hospitality Group LLC	See attached ownership breakdown
2.	1331 South Killian Drive, Suite A Lake Park, FL 33403	
3.		

2. Property. State the name, address and percent of ownership of any person or entity owning an interest in the property located at 625 First Street & 510 Second Street (address), unless the entity is a corporation or partnership, in which case identify each owner of more than three percent. The term ownership interest shall include any legal or equitable interest held at the time of the application in the real property which is the subject of the application.

Name	Address	Percent of Ownership
1. EAHG Alexandria LP	c/o Electra America Hospitality Group LLC	See attached ownership breakdown
2.	1331 South Killian Drive, Suite A Lake Park, FL 33403	
3.		

3. Business or Financial Relationships. Each person or entity listed above (1 and 2), with an ownership interest in the applicant or in the subject property is required to disclose **any** business or financial relationship, as defined by Section 11-350 of the Zoning Ordinance, existing at the time of this application, or within the12-month period prior to the submission of this application with any member of the Alexandria City Council, Planning Commission, Board of Zoning Appeals or either Boards of Architectural Review.

Name of person or entity	Relationship as defined by Section 11-350 of the Zoning Ordinance	Member of the Approving Body (i.e. City Council, Planning Commission, etc.)
1. EAHG Alexandria LP	None	None
2. All individuals/entities listed in attached ownership	None	None
3. breakdown		

NOTE: Business or financial relationships of the type described in Sec. 11-350 that arise after the filing of this application and before each public hearing must be disclosed prior to the public hearings.

As the applicant or the applicant's authorized agent, I hereby attest to the best of my ability that the information provided above is true and correct.

1/18/22	M. Catharine Puskar, Attorney/Agent	MC Puskar
Date	Printed Name	Signature

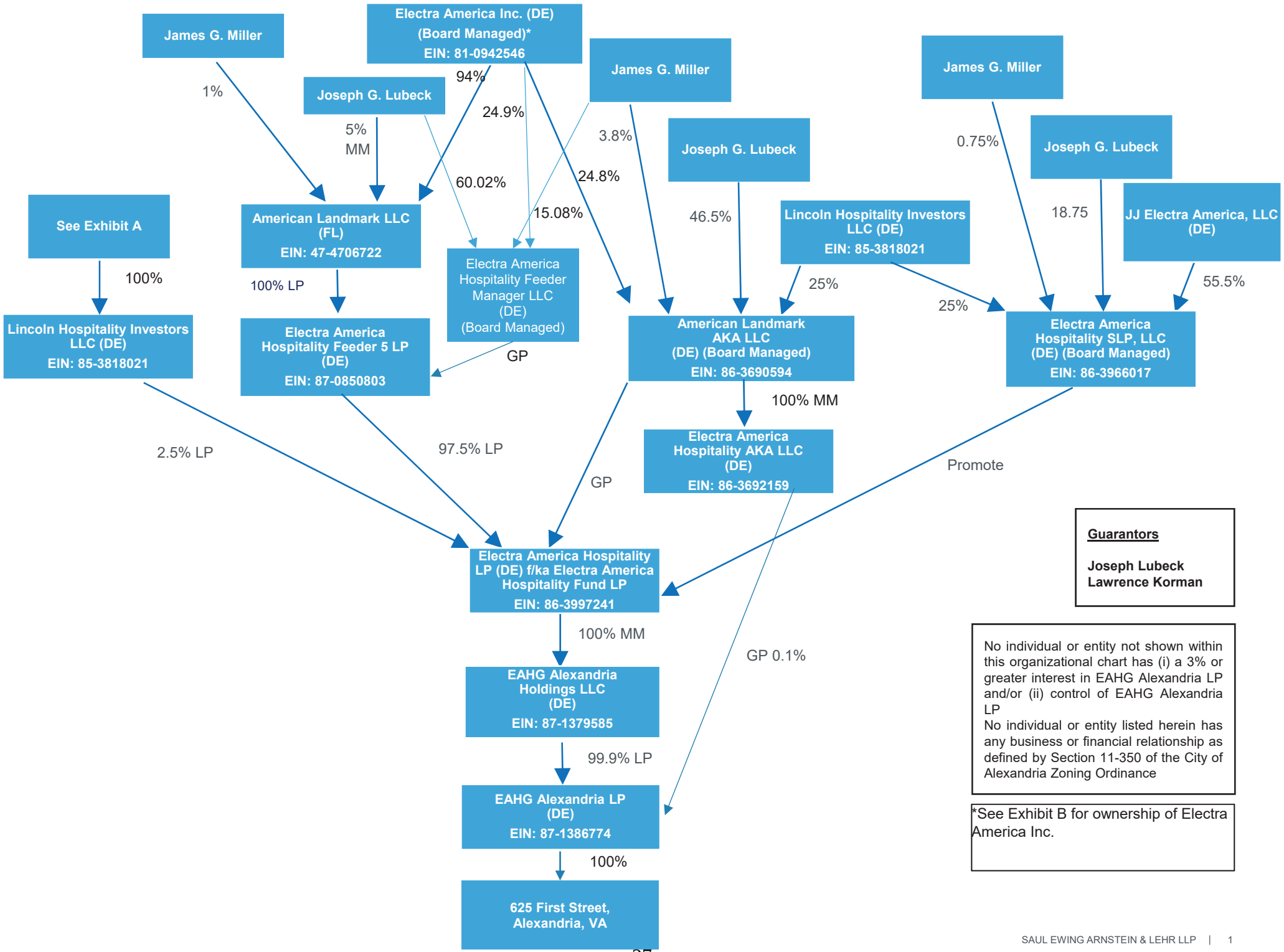
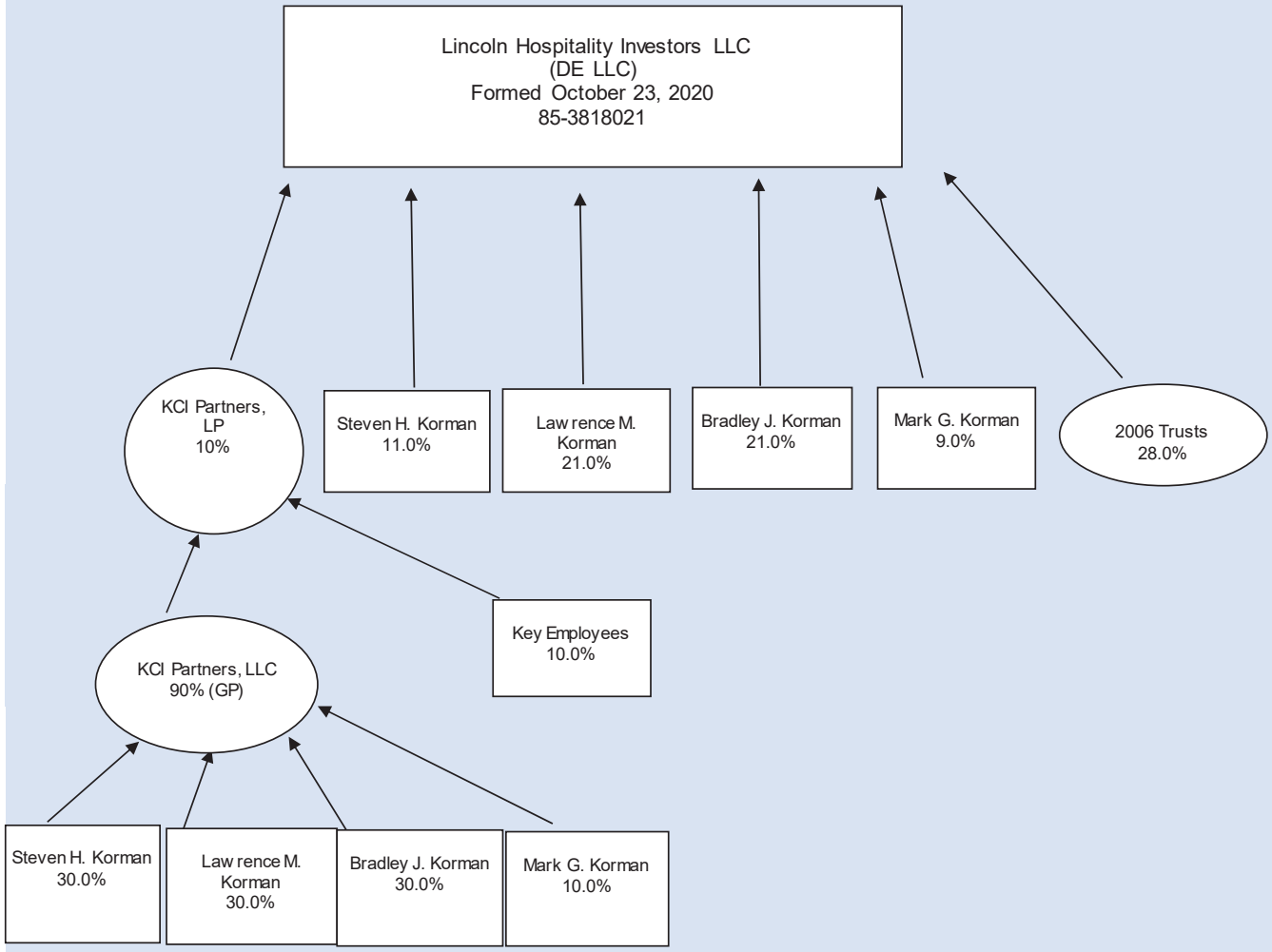

James G. Miller
Electra America Inc. (DE)
(Board Managed)*
EIN: 81-0942546
James G. Miller
James G. Miller
1%
94%
Joseph G. Lubeck
5%
MM
24.9%
3.8%
Joseph G. Lubeck
0.75%
Joseph G. Lubeck
60.02%
24.8%
15.08%
46.5%
18.75
See Exhibit A
American Landmark LLC
(FL)
EIN: 47-4706722
Lincoln Hospitality Investors
LLC (DE)
EIN: 85-3818021
JJ Electra America, LLC
(DE)
55.5%
100%
100% LP
Electra America
Hospitality Feeder
Manager LLC
(DE)
(Board Managed)
25%
25%
Lincoln Hospitality Investors
LLC (DE)
EIN: 85-3818021
Electra America
Hospitality Feeder 5 LP
(DE)
EIN: 87-0850803
GP
American Landmark
AKA LLC
(DE) (Board Managed)
EIN: 86-3690594
Electra America
Hospitality SLP, LLC
(DE) (Board Managed)
EIN: 86-3966017
100% MM
2.5% LP
97.5% LP
GP
Electra America
Hospitality AKA LLC
(DE)
EIN: 86-3692159
Promote
Electra America Hospitality
LP (DE) f/ka Electra America
Hospitality Fund LP
EIN: 86-3997241
100% MM
GP 0.1%
EAHG Alexandria
Holdings LLC
(DE)
EIN: 87-1379585
99.9% LP
EAHG Alexandria LP
(DE)
EIN: 87-1386774
100%
625 First Street,
Alexandria, VA
Guarantors
Joseph Lubeck
Lawrence Korman
No individual or entity not shown within this organizational chart has (i) a 3% or greater interest in EAHG Alexandria LP and/or (ii) control of EAHG Alexandria LP
No individual or entity listed herein has any business or financial relationship as defined by Section 11-350 of the City of Alexandria Zoning Ordinance
*See Exhibit B for ownership of Electra America Inc.

EXHIBIT A

Lincoln Hospitality Investors LLC



Trust FBO 2006 Alec Jacob Korman	4%
Trust FBO 2006 Nicole Taylor Korman	4%
Trust FBO 2006 Max David Korman	4%
Trust FBO 2006 Samuel Harrison Korman	4%
Trust FBO 2006 Olivia Juliet Korman	4%
Trust FBO 2006 Jackson Benjamin Korma	4%
Trust FBO 2006 Cameron Jo Korman	2%
Trust FBO 2006 Quin Jefferson Korman	2%

Exhibit B

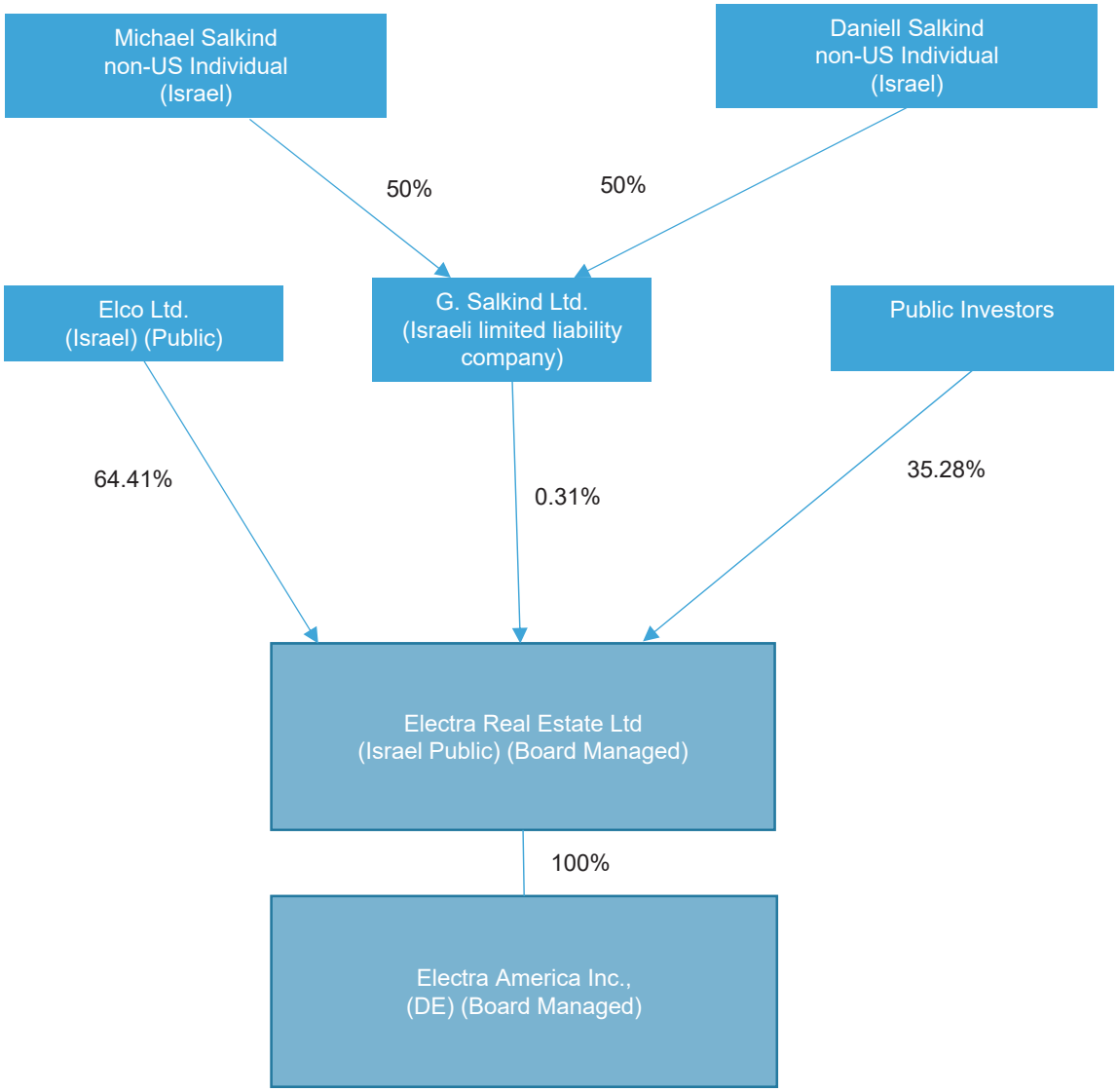

Michael Salkind
non-US Individual
(Israel)
Daniell Salkind
non-US Individual
(Israel)
50%
50%
Elco Ltd.
(Israel) (Public)
G. Salkind Ltd.
(Israeli limited liability
company)
Public Investors
64.41%
0.31%
35.28%
Electra Real Estate Ltd
(Israel Public) (Board Managed)
100%
Electra America Inc.,
(DE) (Board Managed)

EXHIBIT C

As of the closing date, the following individauals are members of the Board of American Landmark AKA LLC: (i) Joseph Lubeck, (ii) Amir Yaniv, (iii) Gil Rushinek, (iv) Larry Korman and (v) Brad Korman.

As of the closing date, the following individuals are members of the Board of Electra America Inc.: (i) Gil Rushinek, (ii) Nicholas Jeremy Thomas and (iii) Steven Ettinger.

As of the closing date, the following individuals are members of the Board of Electra Real Estate Ltd.: (i) Daniel Haim Salkind, (ii) Michael Joseph Salkind, (iii) Abraham Avishai Israeli, (iv) Iris Shapira Yalon, (v) Isaac Zinger and (vi) Eitan Machover.

As of the closing date, Lincoln Hospitality Investors LLC is managed by its members.

Hotel AKA - Alexandria

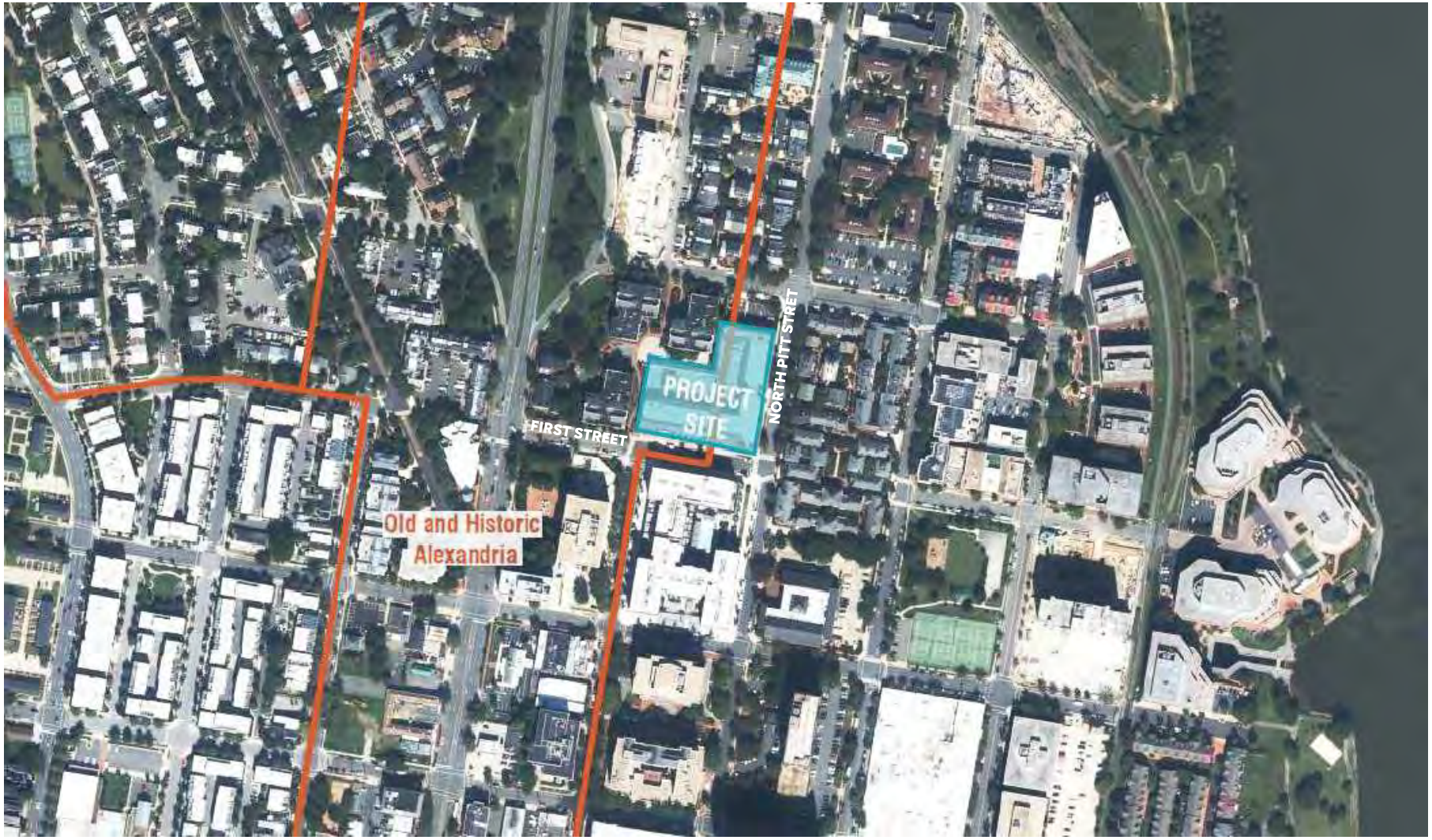
625 First Street Alexandria Va

Permit to Demolish and Certificate of Appropriateness

HGA

Design Presentation

INDEX



AERIAL SITE - CITY OF ALEXANDRIA BAR HISTORIC OVERLAY

2 Existing Condition Site Photos

FIRST STREET ELEVATION

FIRST STREET ENTRANCE

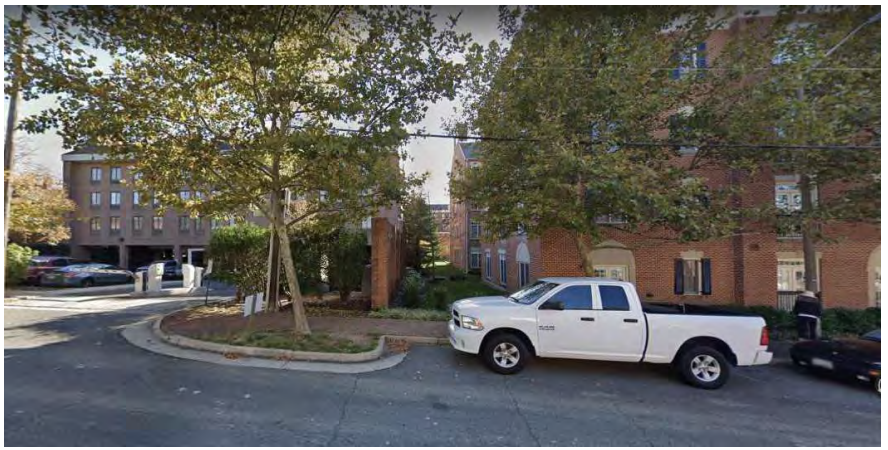
VIEW ALONG PITT STREET

VIEW AT CORNER PITT STREET AND SECOND STREET

EXISTING CONDITION

PUBLIC

PRIVATE



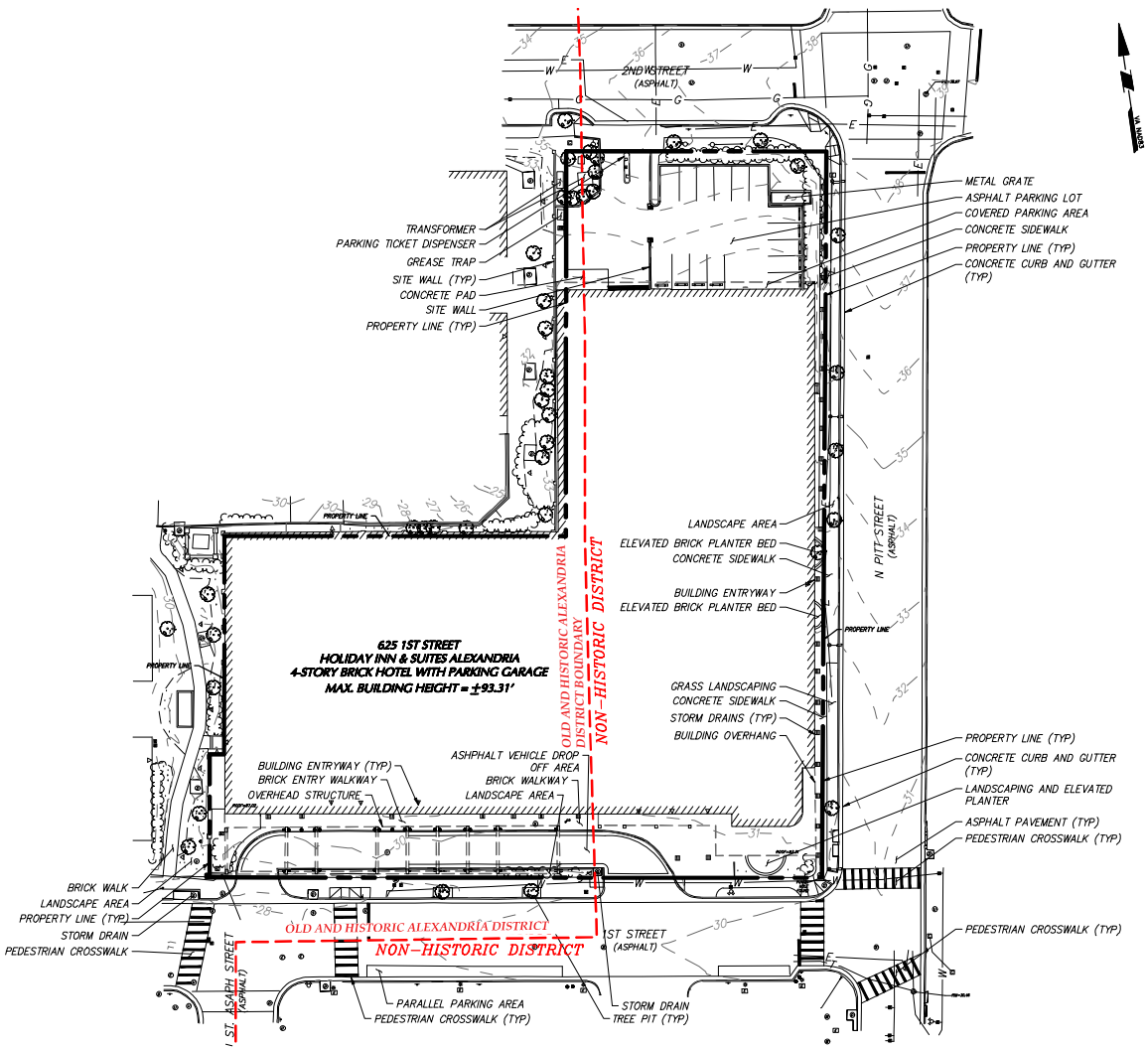
1

2

3

PORTIONS OF BUILDING NOT VISIBLE
FROM RIGHT OF WAY

3 Site Plans



LANGAN
Langan Engineering and Environmental Services, Inc.
1300 Wilson Boulevard, Suite 450
Arlington, VA 22209
T: 571.366.6800 F: 571.366.6801 www.langan.com

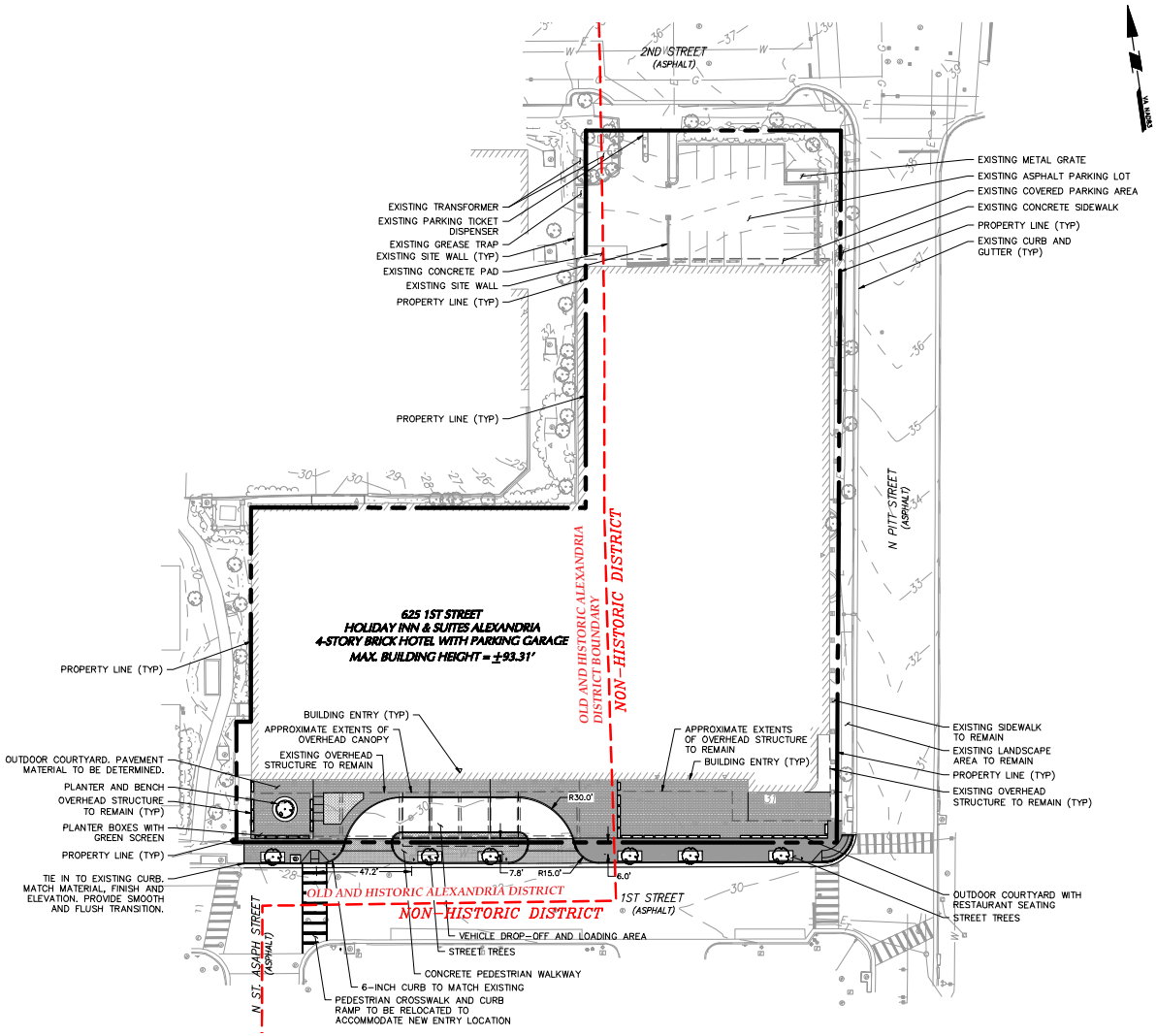
Project: AKA HOTEL OLD TOWN
ALEXANDRIA VIRGINIA

Drawing Title: OVERALL EXISTING CONDITIONS PLAN

Project No. 270115401
Date 2021 12 14
Drawn By AMK
Checked By NB

Drawing No. CS100

Filename: \\langan.com\data\ARL\data4\270115401\Project Data\CAD\01\SheetFiles\Figures\2021 12 14 - BAR Presentation plans - 11 X 17\270115401-CS100-0101.dwg Date: 12/14/2021 Time: 11:41 User: mlopez Style Table: Langan.stb Layout: CS100 - OVERALL EXISTING CONDITIONS PLAN

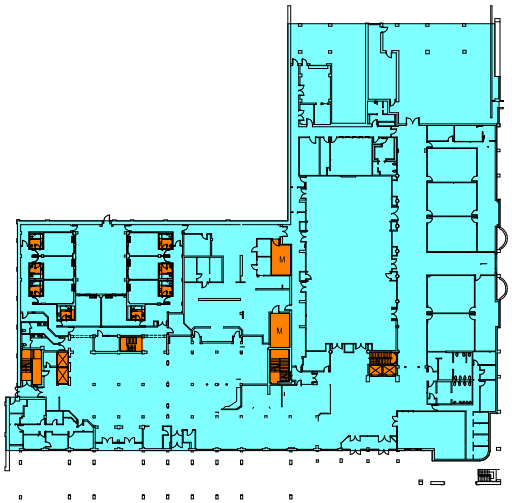


LANGAN Langan Engineering and Environmental Services, Inc. 1300 Wilson Boulevard, Suite 450 Arlington, VA 22209 T: 571.366.6800 F: 571.366.6801 www.langan.com	Project **AKA HOTEL OLD TOWN** ALEXANDRIA VIRGINIA	Drawing Title **OVERALL SITE PLAN**	Project No. 270115401 Date 2021 12 14 Drawn By AMK Checked By NB	Drawing No. **CS110**

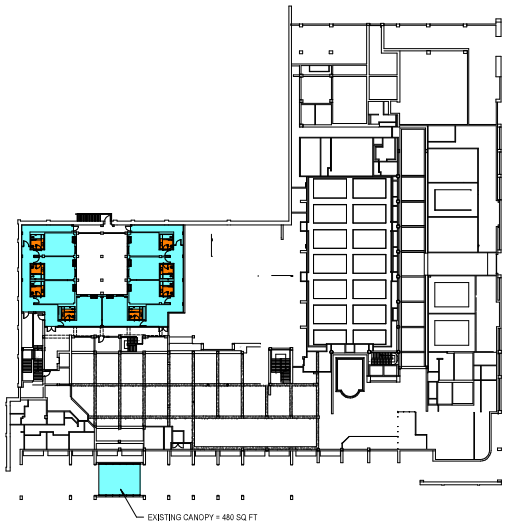
Filename: \\langan.com\data\ARL\data4\270115401\Project Data\CAD\01\SheetFiles\Figures\2021 12 14 - BAR Presentation plans - 11 X 17\270115401-CS110-0101.dwg Date: 12/17/2021 Time: 09:23 User: mlopez Style Table: Langan.stb Layout: CS110 - OVERALL SITE PLAN

–

4 Floor Area Exhibit

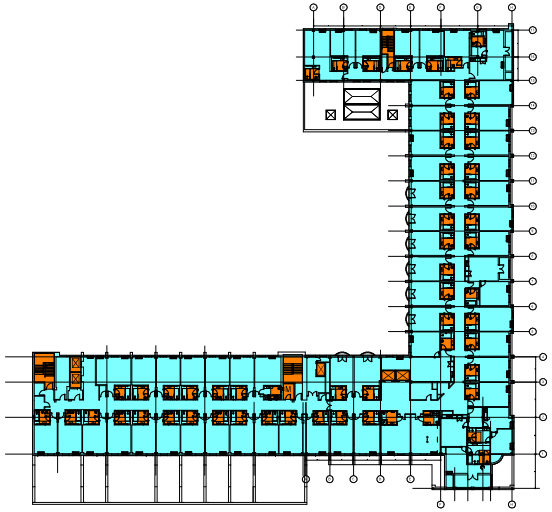


1 FIRST FLOOR PLAN AREA
1" = 30'-0"

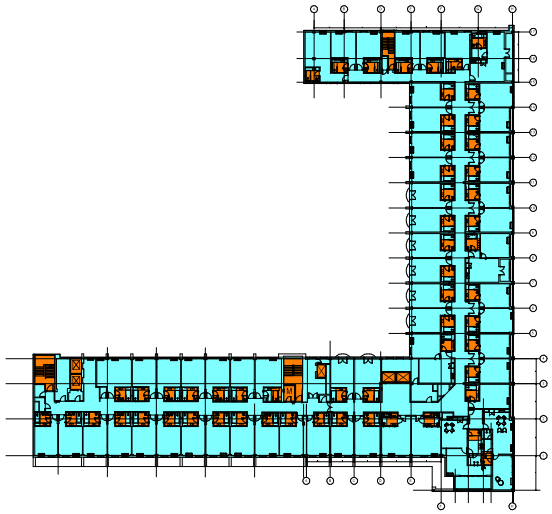


2 MEZZANINE FLOOR PLAN AREA
1" = 30'-0"

3 SECOND FLOOR PLAN AREA
1" = 30'-0"



4 THIRD FLOOR PLAN AREA
1" = 30'-0"



5 FOURTH FLOOR PLAN AREA
1" = 30'-0"

GENERAL NOTE:

THE EXISTING BUILDING WAS CONSTUCTED PRIOR TO THE EFFECTIVE DATE OF THE ZONING ORDINANCE, AND IS NON-COMPLIANT IN TERMS OF FAR. THE CALCULATIONS BELOW DEMONSTRATE THAT THERE IS NO NET INCREASE TO THE EXISTING FAR, WHEN PERMISSIBLE EXCLUSIONS (BATHROOMS, MECHANICAL ROOMS, STAIRS AND ELEVATORS) ARE AKEN INTO ACCOUNT.

AREA PLAN KEY

- NEW CANOPY
- EXISTING FAR
- EXCLUDED FROM FAR

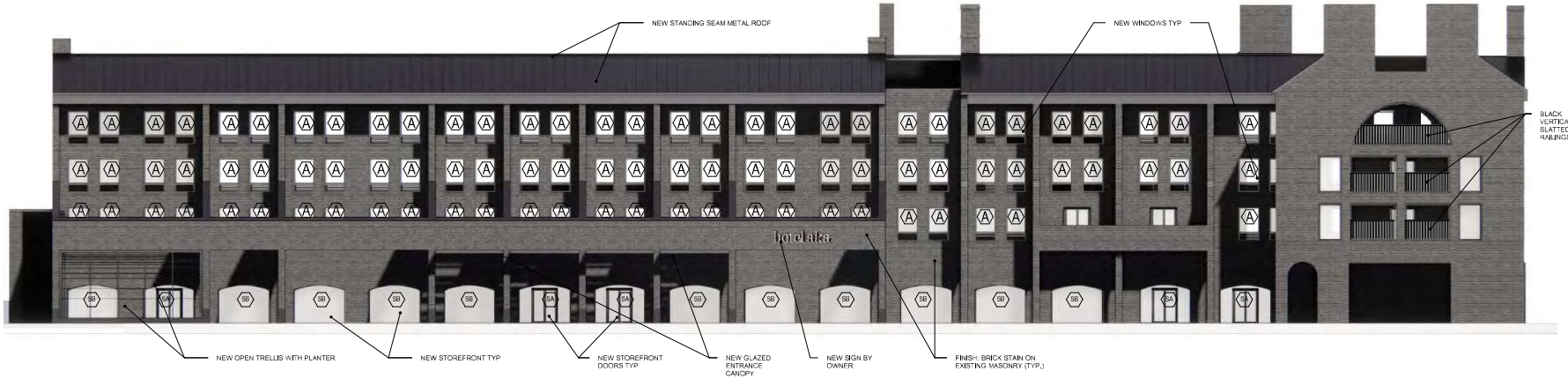
TOTAL EXISTING GROSS FLOOR AREA = 155,432 GROSS SF

FAR EXCLUSION = 8,950 SF (BASED ON 50SF PER BATHROOM) NOT PREVIOUSLY EXCLUDED IN PRIOR ORDINANCE.
STAIRS = 2,402 SQ FT
ELEVATORS = 983 SQ FT
MECHANICAL = 651 SQ FT

NEW CANOPY = 1,884 SF - 480 SF (EXISTING CANOPY TO BE DEMOLISHED) = 1,404 SF ADDITION.

BASED ON 8,950 SF NOT PREVIOUSLY EXCLUDED THE ADDED CANOPY WILL BE COVERED.

5 Building Elevations



2 SOUTH ELEVATION - PROPOSED

3/64" = 1'-0"

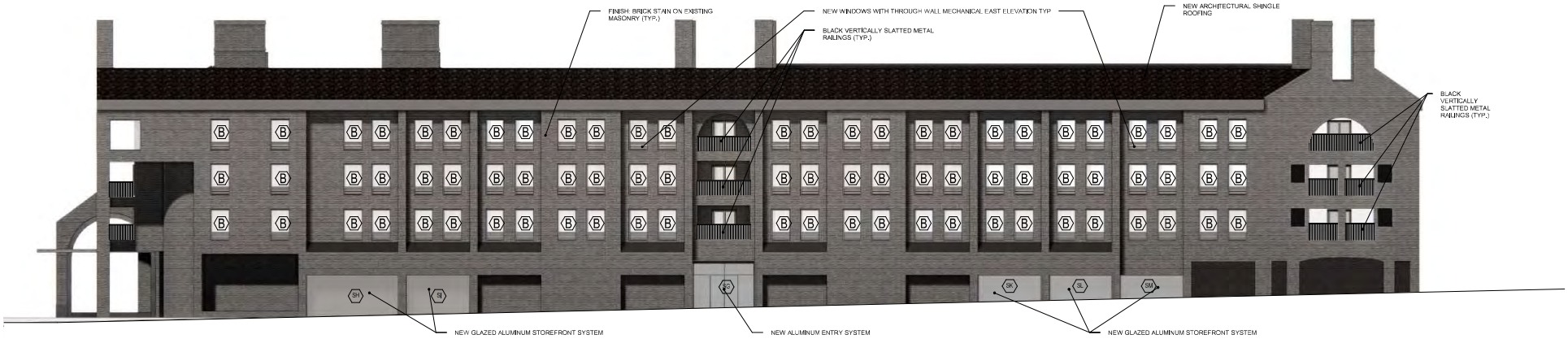
1 SOUTH ELEVATION - EXISTING

3/64" = 1'-0"

ELEVATION DEMO AREA : **4,233 SF**

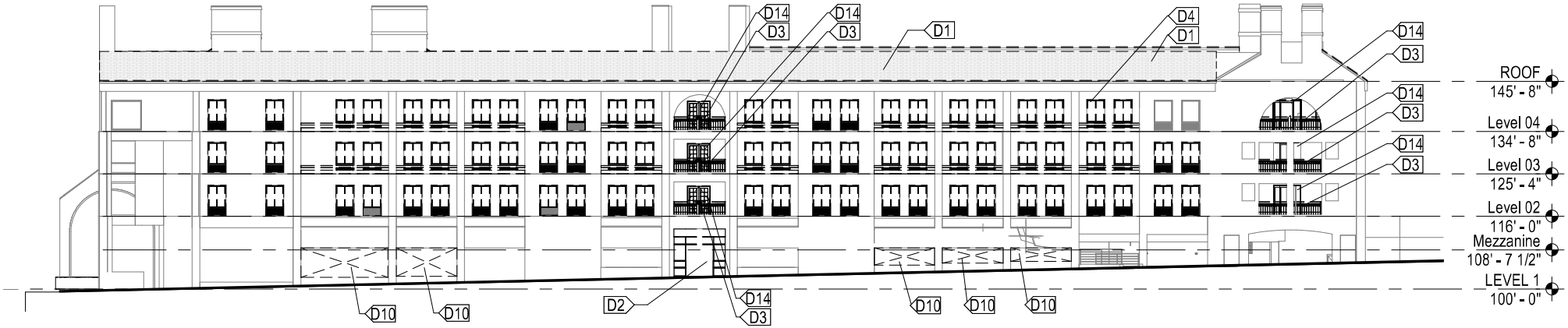
D1	REMOVE EXISTING SHINGLE ROOFING TO SUBSTRATE
D2	REMOVE EXISTING STOREFRONT. TYPICAL
D3	REMOVE EXISTING BALCONY GUARD RAILING. PATCH AND REPAIR DAMAGE AND PREPARE FOR INSTALLATION OF NEW GUARDRAILINGS.
D4	REMOVE EXISTING WINDOWS. TYPICAL
D5	REMOVE EXISTING GLASS VAULT CANOPY
D6	REMOVE EXISTING AWNINGS. TYPICAL
D8	REMOVE EXISTING PLANTERS AND ASSOCIATED FOUNDATIONS
D9	REMOVE EXISTING ALUMINUM WINDOW RAILS. TYPICAL
D12	REMOVE EXISTING LIGHT FIXTURES. TYPICAL
D14	REMOVE EXISTING BALCONY DOORS. REVOVE BRICK HEADER AND RAISE HEADER OF DOOR TO ACCOMMODATE CODE COMPLIANT 7'-0" DOOR (TYP.). SEE DETAIL 9/A700

BUILDING ELEVATION SOUTH



2 EAST ELEVATION - PROPOSED

3/64" = 1'-0"



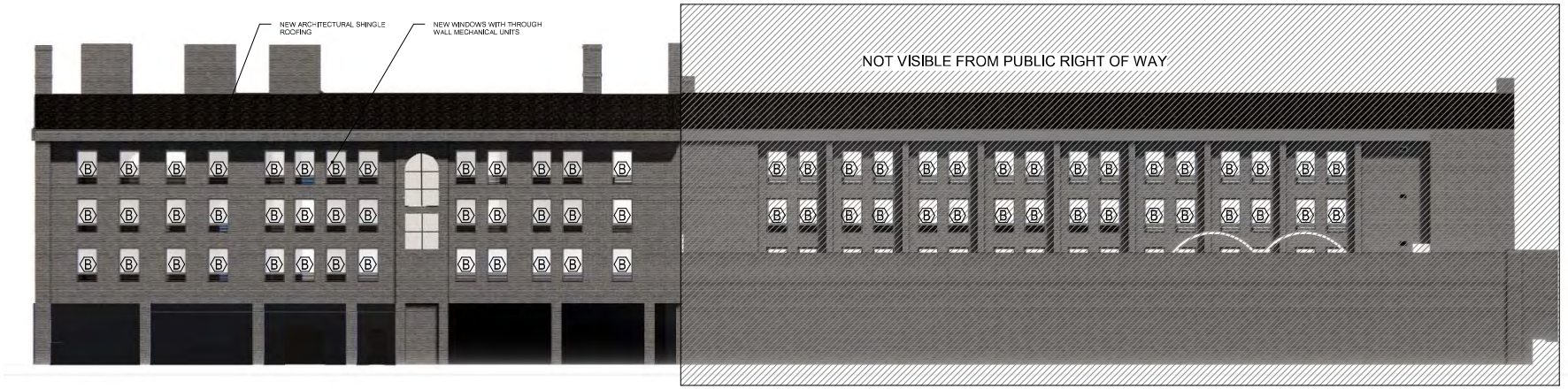
1 EAST ELEVATION - EXISTING

3/64" = 1'-0"

ELEVATION DEMO AREA : **2,737 SF**

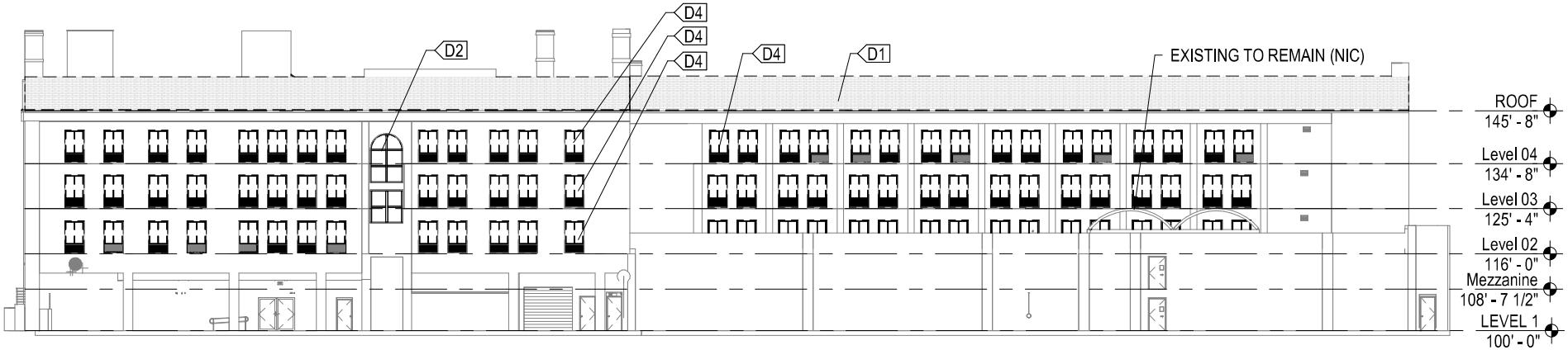
D1	REMOVE EXISTING SHINGLE ROOFING TO SUBSTRATE
D2	REMOVE EXISTING STOREFRONT. TYPICAL
D3	REMOVE EXISTING BALCONY GUARD RAILING. PATCH AND REPA AND PREPARE FOR INSTALLATION OF NEW GUARDRAILINGS.
D4	REMOVE EXISTING WINDOWS. TYPICAL
D10	DEMO PORTION OF BRICK WALL FOR NEW ALUMINUM CURTAINW OPENING. COORDINATE WITH STRUCTURAL DRAWINGS.
D14	REMOVE EXISTING BALCONY DOORS. REVOVE BRICK HEADER A HEADER OF DOOR TO ACCOMMODATE CODE COMPLIANT 7'-0" D SEE DETAIL 9/A700

BUILDING ELEVATION EAST



2 NORTH ELEVATION - PROPOSED

3/64" = 1'-0"



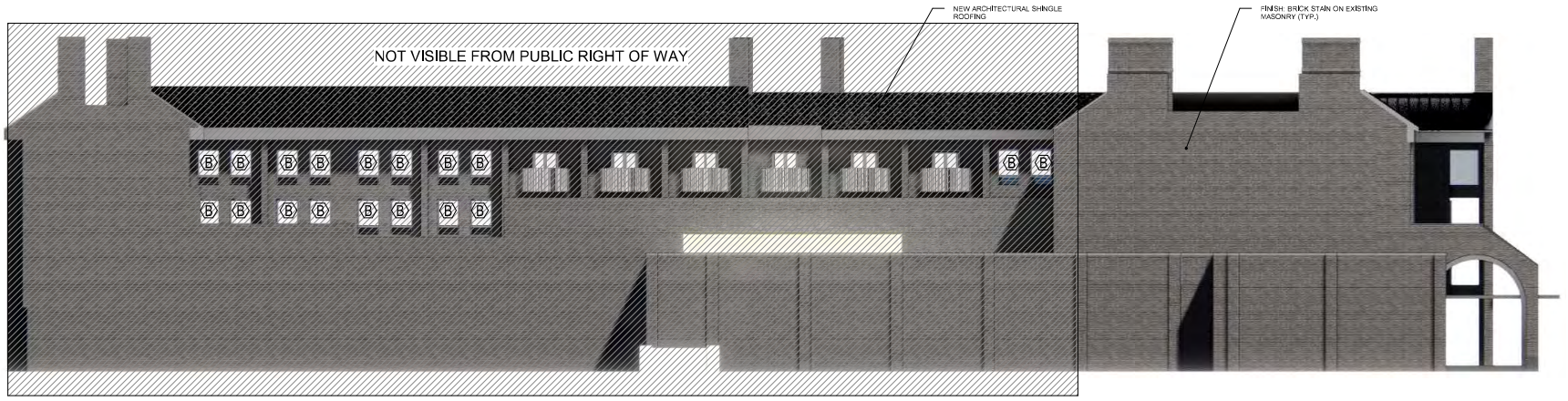
1 NORTH ELEVATION - EXISTING

3/64" = 1'-0"

ELEVATION DEMO AREA : **3,023 SF**

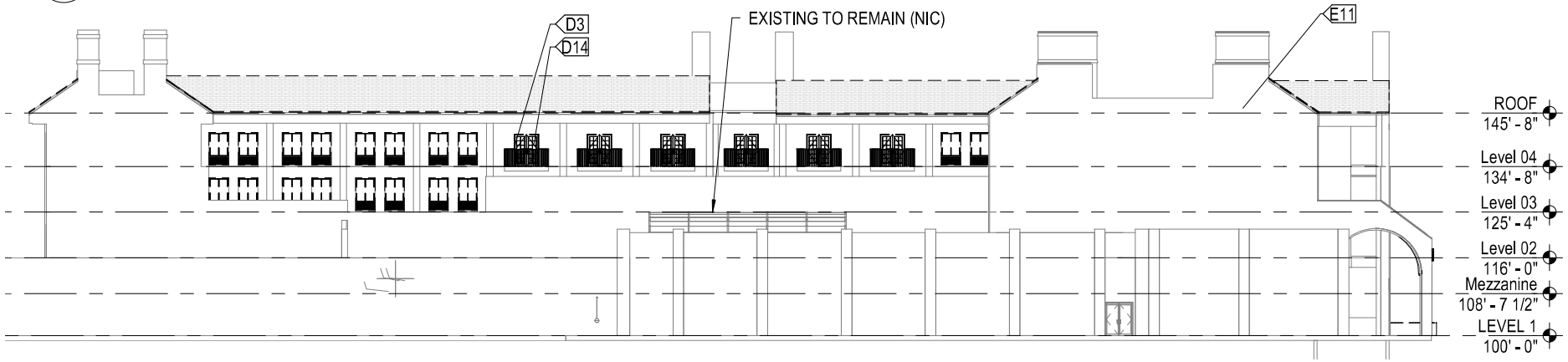
D1	REMOVE EXISTING SHINGLE ROOFING TO SUBSTRATE
D2	REMOVE EXISTING STOREFRONT. TYPICAL
D4	REMOVE EXISTING WINDOWS. TYPICAL

BUILDING ELEVATION NORTH



2 WEST ELEVATION - PROPOSED

3/64" = 1'-0"



1 WEST ELEVATION - EXISTING

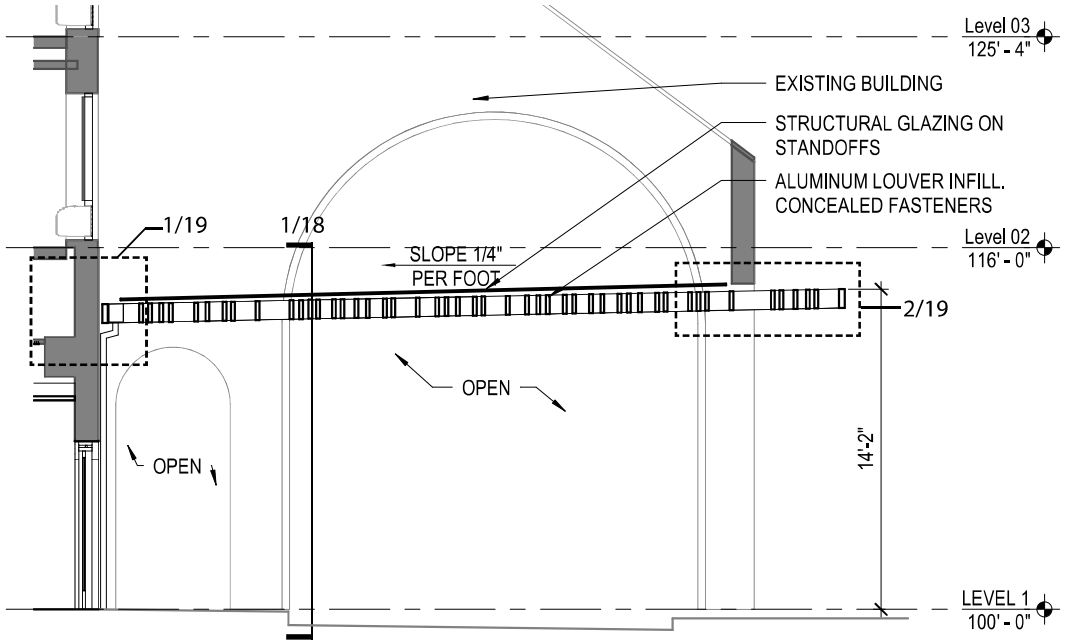
3/64" = 1'-0"

ELEVATION DEMO AREA : **1,310 SF**

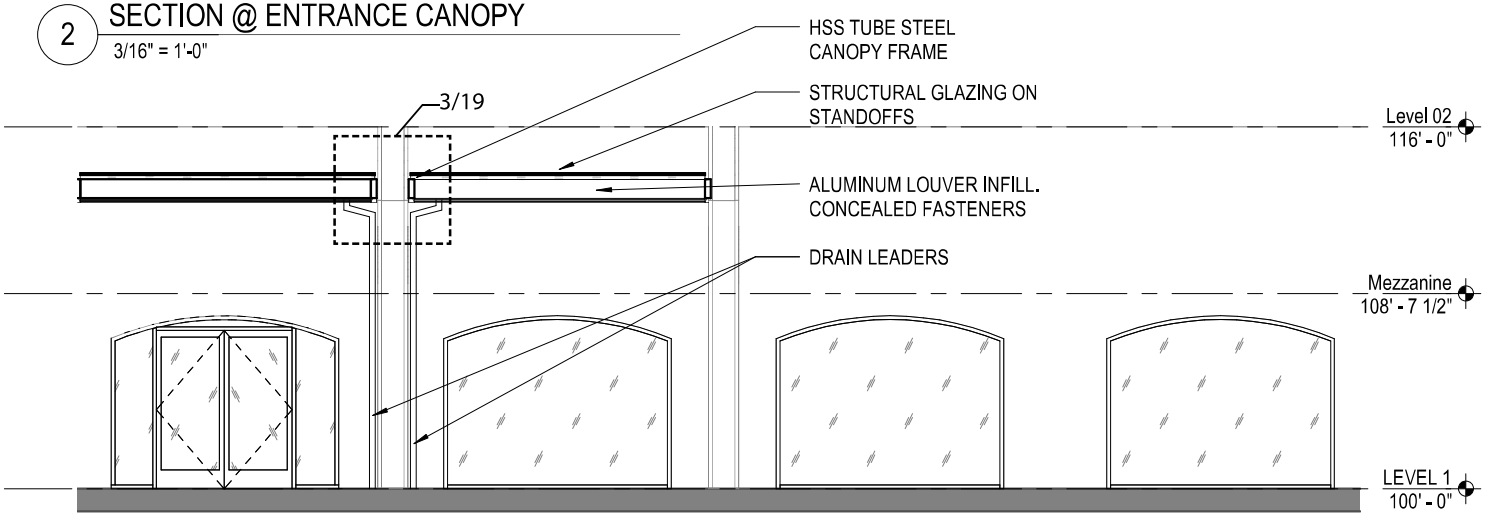
D3	REMOVE EXISTING BALCONY GUARD RAILING. PATCH AND REPAIR DAMAGE AND PREPARE FOR INSTALLATION OF NEW GUARDRAILINGS.
D14	REMOVE EXISTING BALCONY DOORS. REVOVE BRICK HEADER AND RAISE HEADER OF DOOR TO ACCOMMODATE CODE COMPLIANT 7'-0" DOOR (TYP.). SEE DETAIL 9/A700
E11	BRICK STAIN ENTIRE BUILDING BRICK FACADE (TYPICAL). COLOR TO BE DETERMINED.

BUILDING ELEVATION WEST

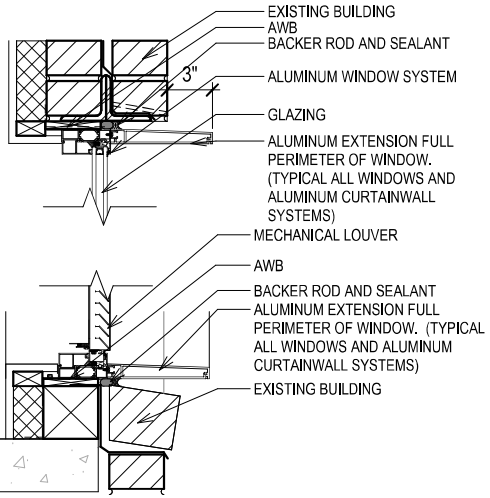
6 Canopy, Sign and Window Design



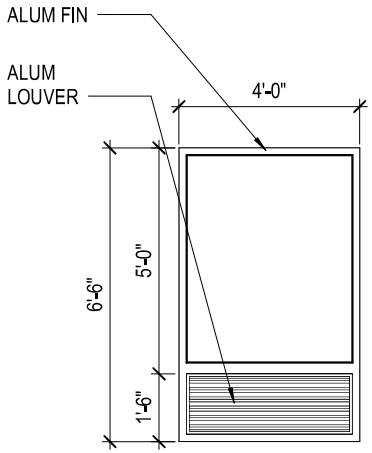
2 SECTION @ ENTRANCE CANOPY
3/16" = 1'-0"



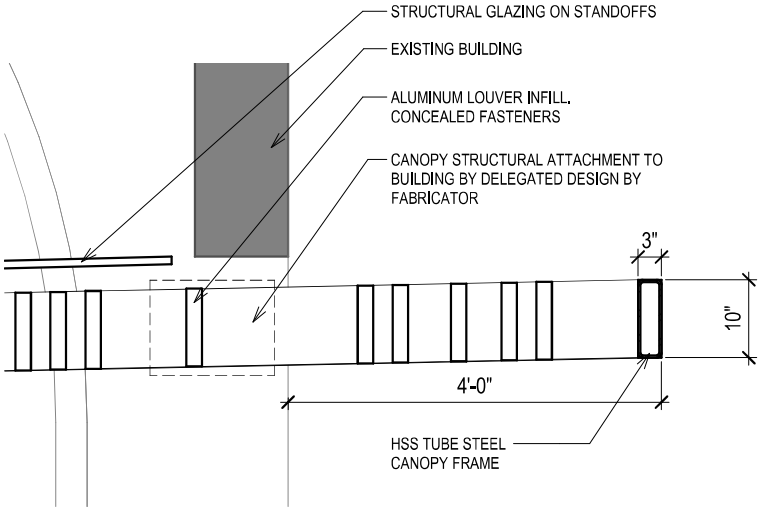
1 SECTION @ ENTRANCE CANOPY
3/16" = 1'-0"



4 WINDOW DETAIL SILL-TYPE A
1 1/2" = 1'-0"

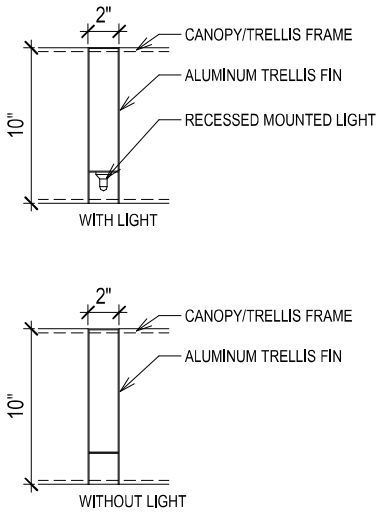


3 WINDOW TYPE A
3/8" = 1'-0"



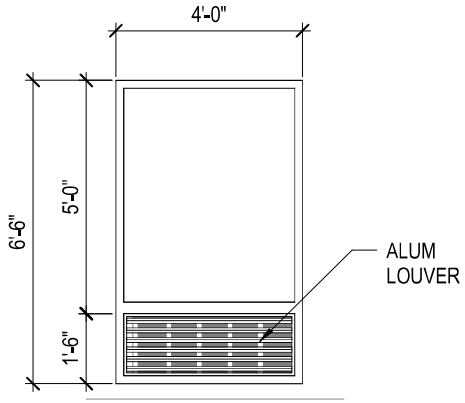
2 SECTION DETAIL @ ENTRY CANOPY

3/4" = 1'-0"



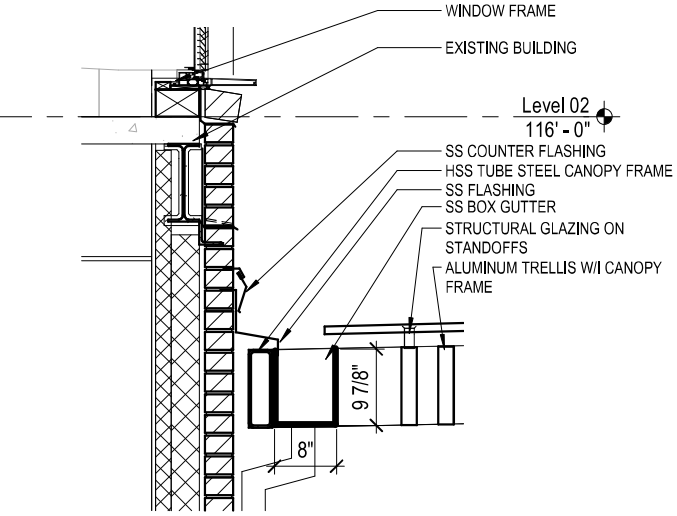
4 ALUM TRELLIS FIN W/ LIGHT

1 1/2" = 1'-0"



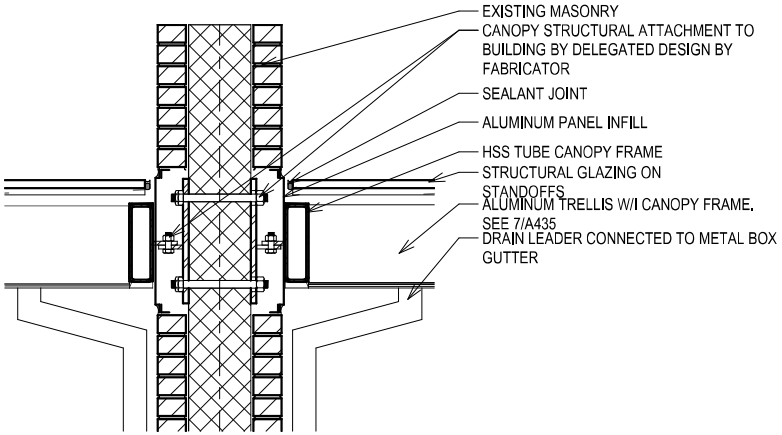
7 WINDOW TYPE B

3/8" = 1'-0"



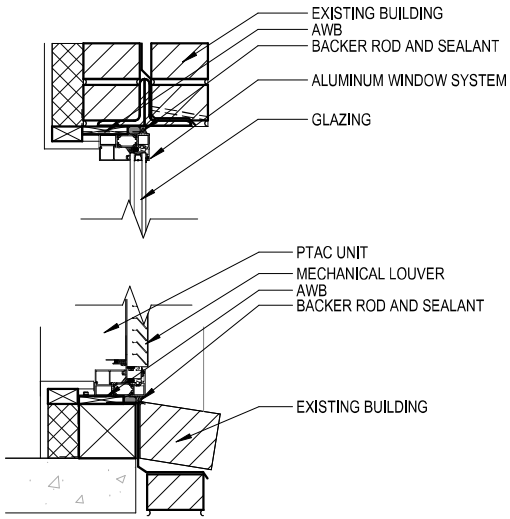
1 SECTION DETAIL @ ENTRY CANOPY

3/4" = 1'-0"



3 SECTION DETAIL @ ENTRY CANOPY BRICK ARCH

3/4" = 1'-0"

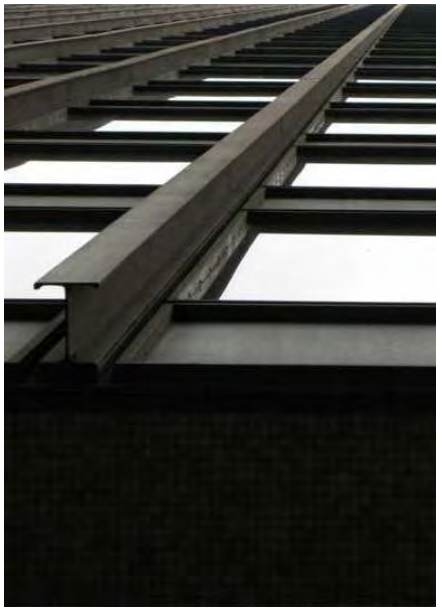


5 WINDOW DETAIL SILL (W/O EXTENSION

1 1/2" = 1'-0"

7 Materials and Specifications



Brick Stain (color) Benjamin Moore - RAL 7022
Aluminum Panels (color) Matte Black Metal
Glass Guard Rail Type Low Iron Transparent glass, without metal profile.
Window Glass Type/Color Low Iron Transparent Glass with Black Metal profile all around.

MATERIALS AND SPECIFICATIONS

–

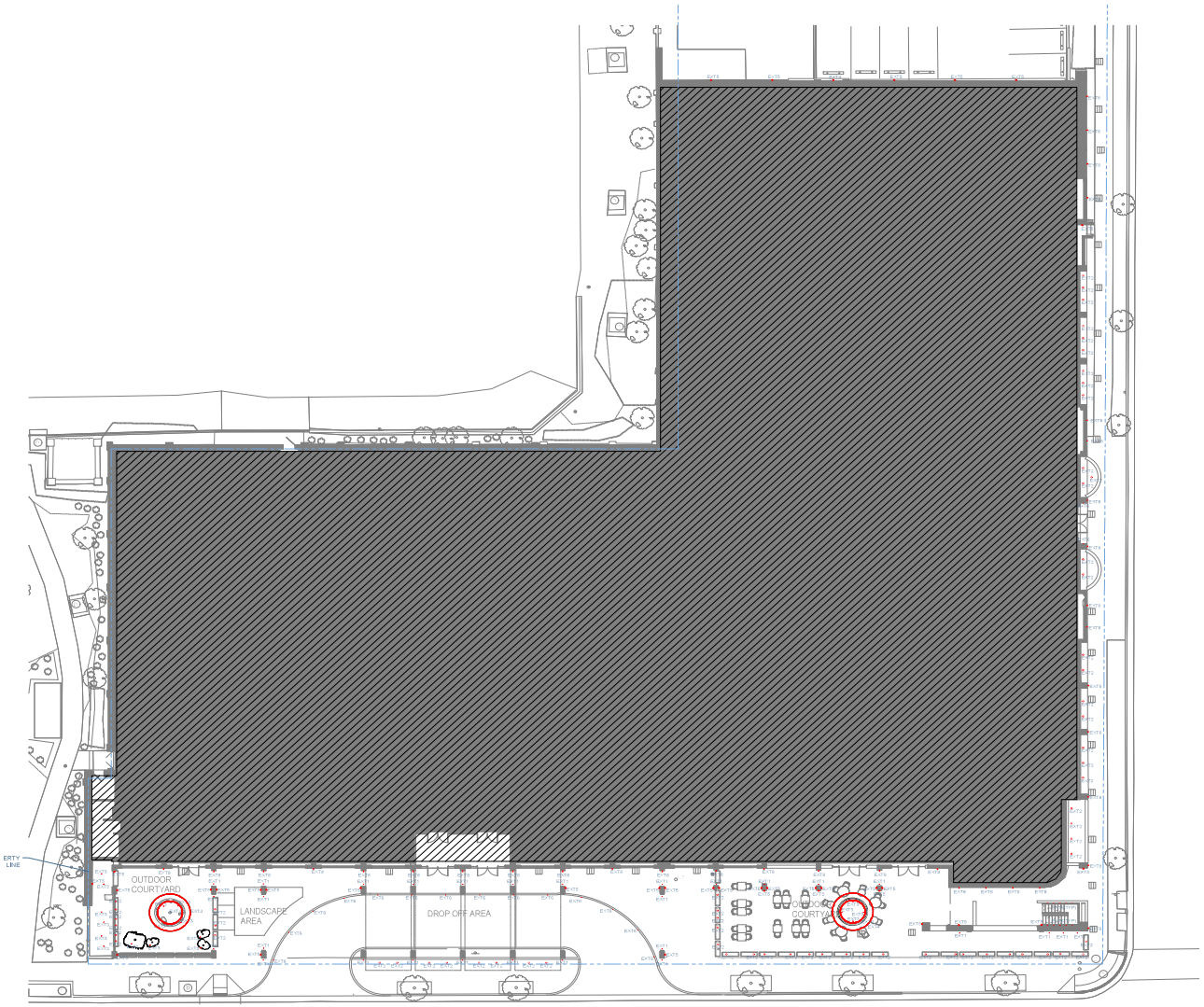
8 Rendered Views

RENDERED VIEW
View 01 - 1st Street

RENDERED VIEW
View 02 - 1st Street Entrance

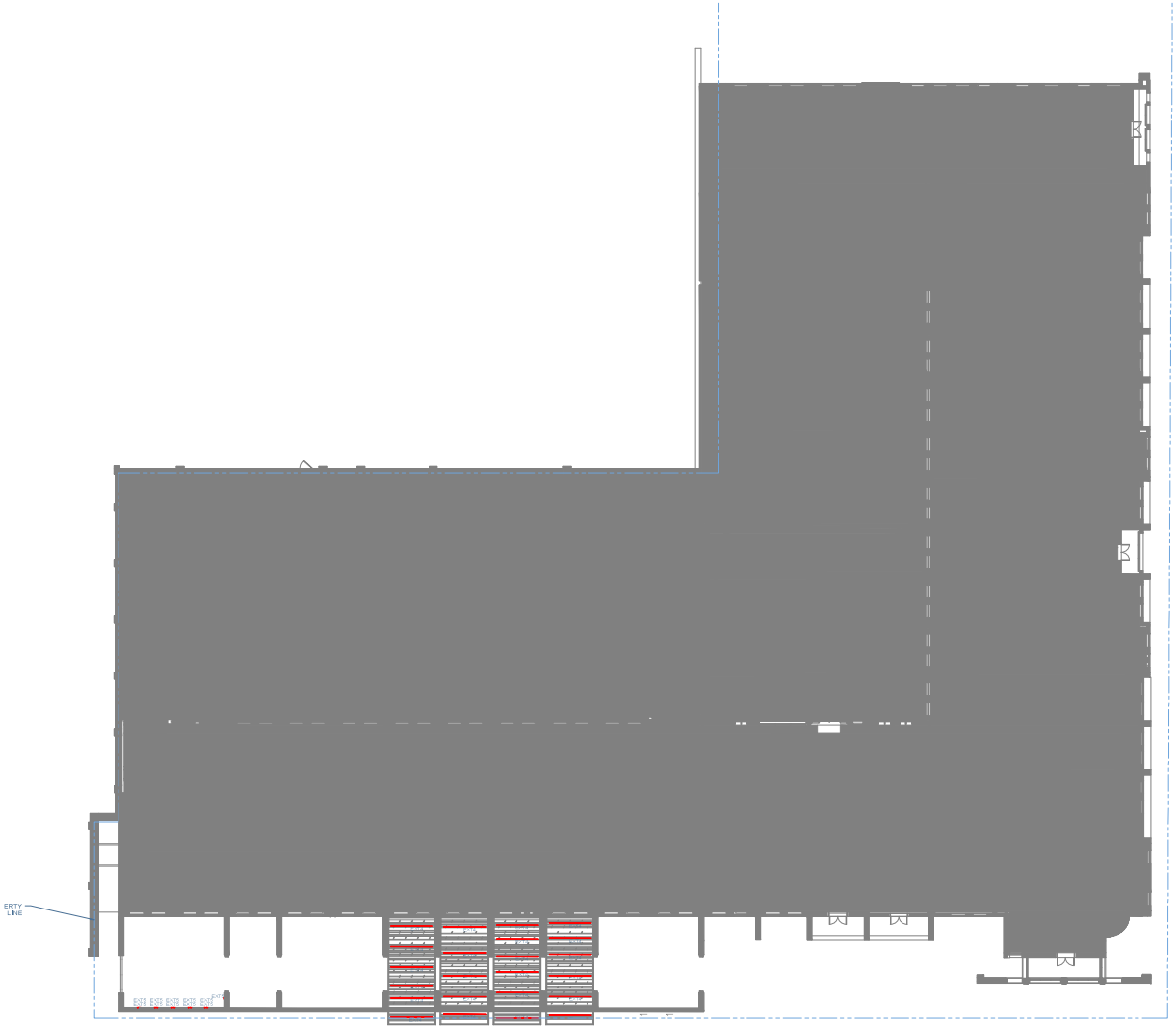
RENDERED VIEW
View 03 - Pitt Street

9 Exterior Lighting Design



STUDIO ATOMIC

LIGHTING PLAN

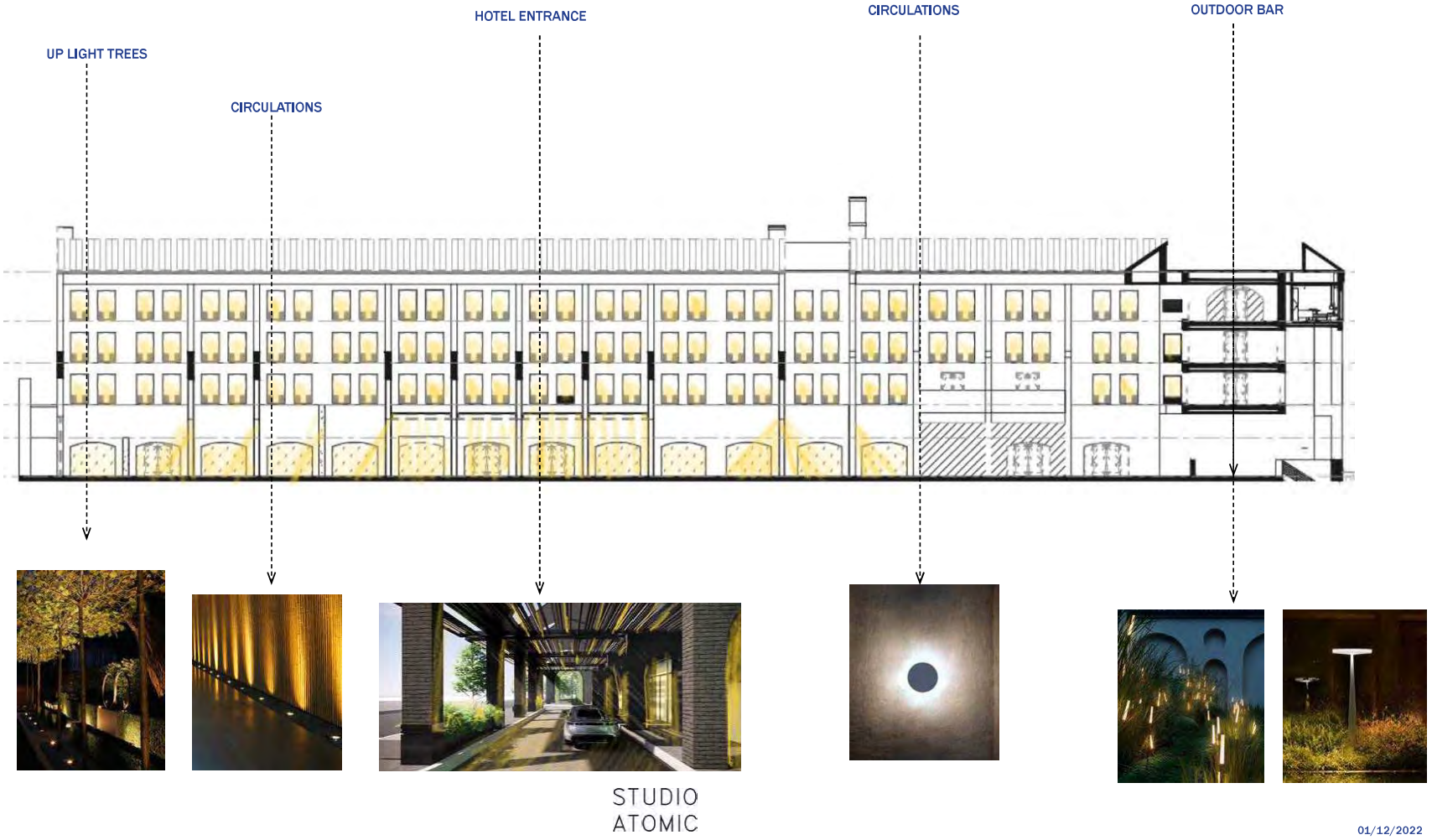


STUDIO
ATOMIC

LIGHTING PLAN

SOUTH ELEVATION LIGHTING CONCEPT

FOLLOWING LISSONI CONCEPT FOR THE EXTERIOR
WE ARE PLANNING TO WORK WITH WARM AND LOW LIGHT LEVELS AT STREET LEVEL
HIGHLIGHTING AREAS SUCH AS:



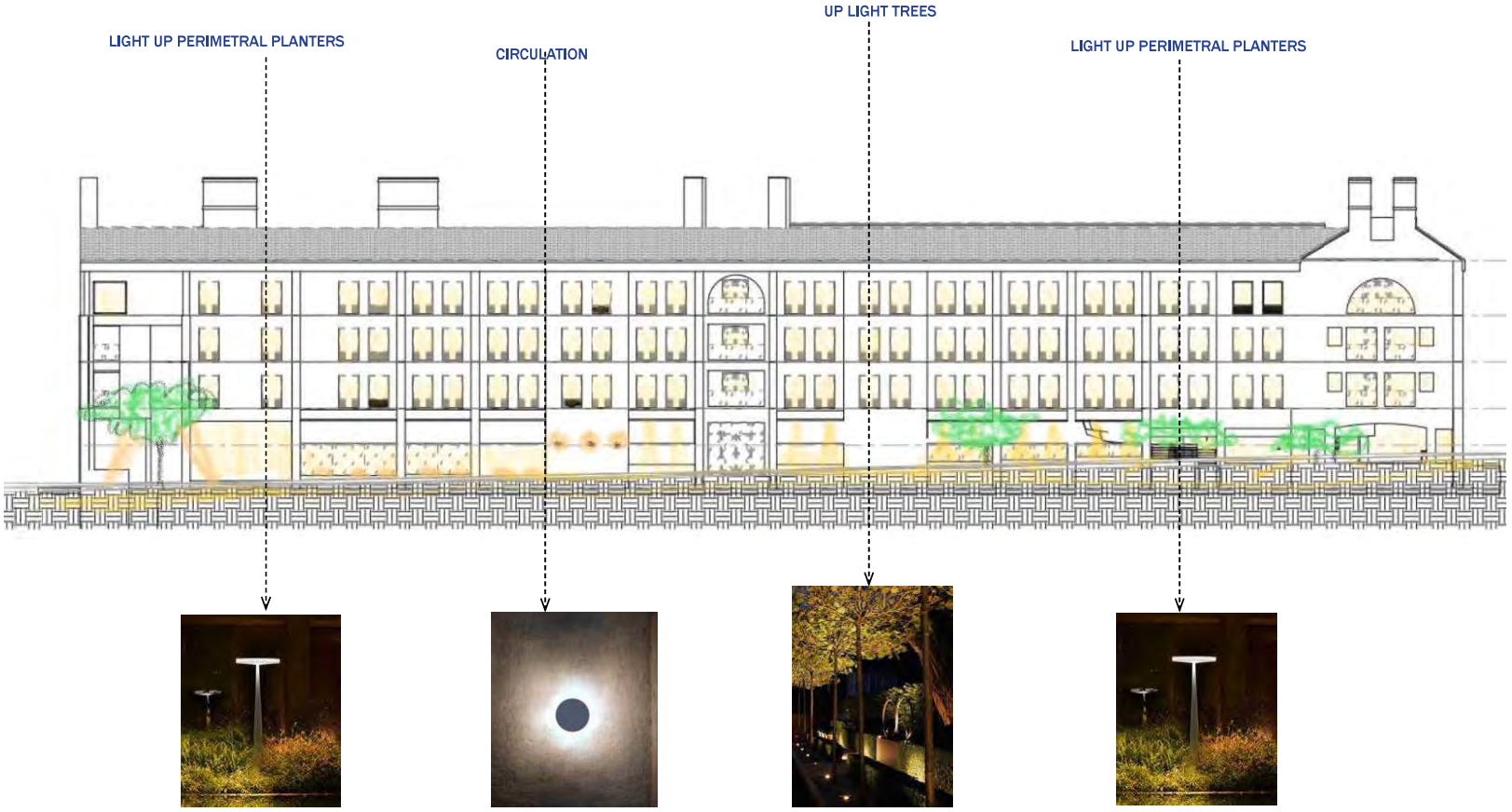
3

STUDIO
ATOMIC

01/12/2022

EAST ELEVATION LIGHTING CONCEPT

FOLLOWING LISSONI CONCEPT FOR THE EXTERIOR
WE ARE PLANNING TO WORK WITH WARM AND LOW LIGHT LEVELS AT STREET LEVEL
HIGHLIGHTING AREAS SUCH AS:

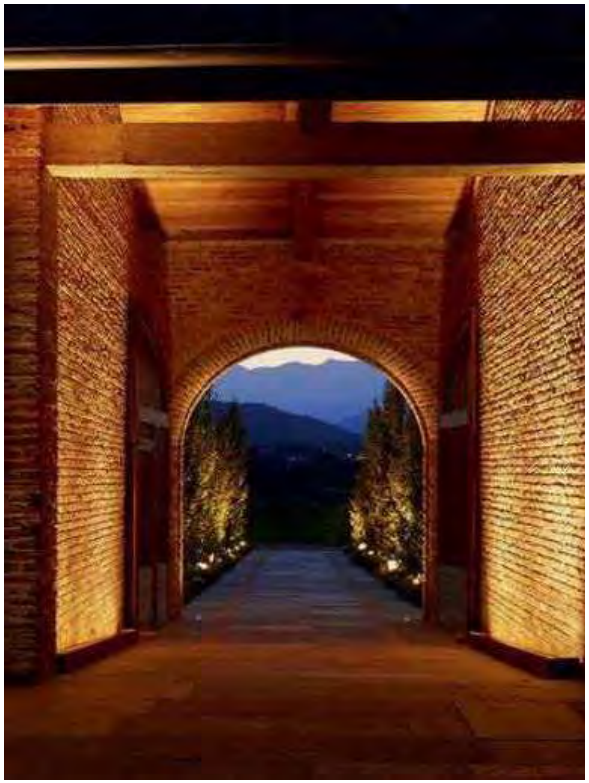


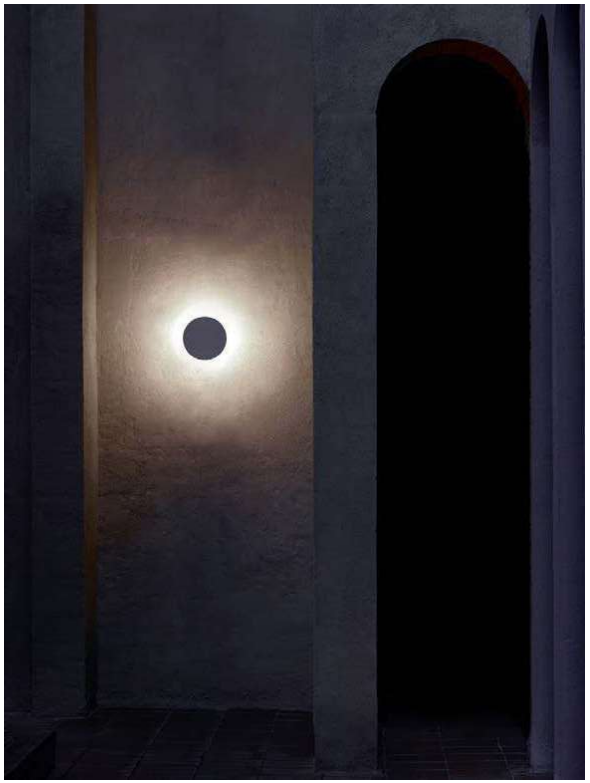
4

STUDIO
ATOMIC

01/12/2022

MOODBOARD LIGHT INSPIRATION TYPICAL EXTERIOR AREAS



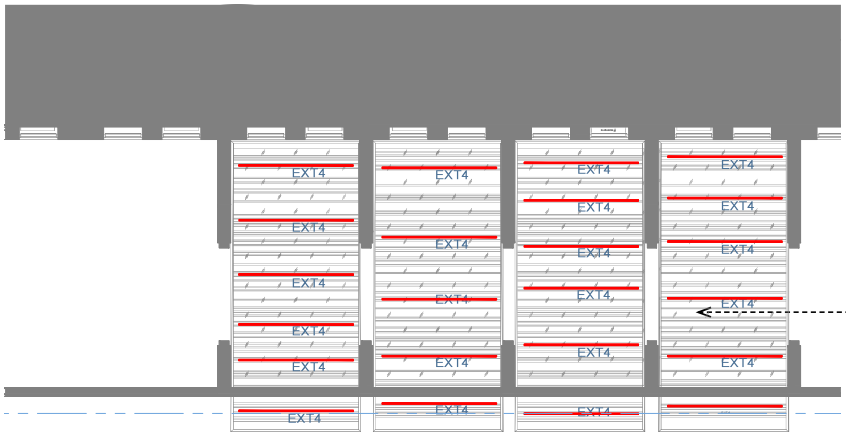


2

STUDIO
ATOMIC

01/12/2022

ENTRANCE LIGHTING LAYOUT - LUMINOUS CANOPY



7

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01/12/2022

ENTRANCE LIGHTING LAYOUT - LUMINOUS CANOPY

TYPE EXT4

8

LINEAR LED LIGHTING STRIP
MOUNTED ON
ALUMINIUM CHANNEL TO MATCH CANOPY FINISH

COLOR TEMPERATURE 2700K
3.5W PER FOOT
190 LUMEN

STUDIO
ATOMIC

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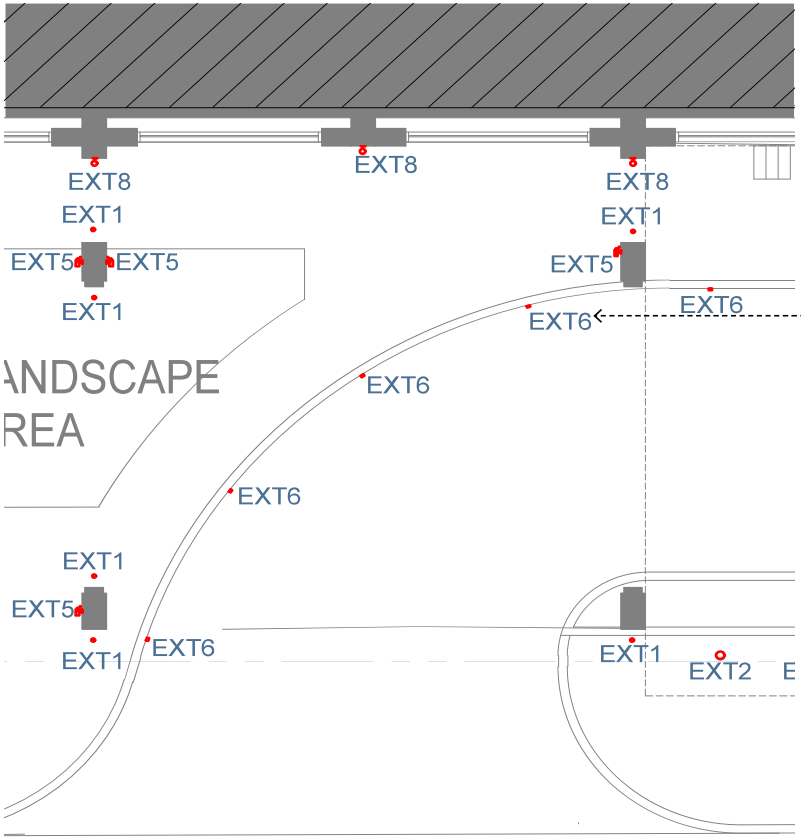
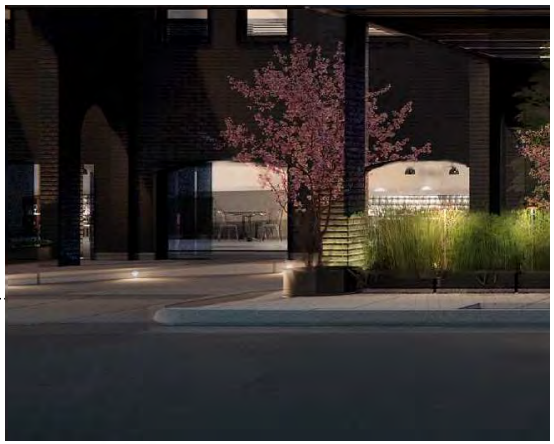
ENTRANCE: CAR DROP OFF LIGHTING CONCEPT



TYPE EXT6



RECESSED LED FIXTURE
FIXTURE IS WET LISTED

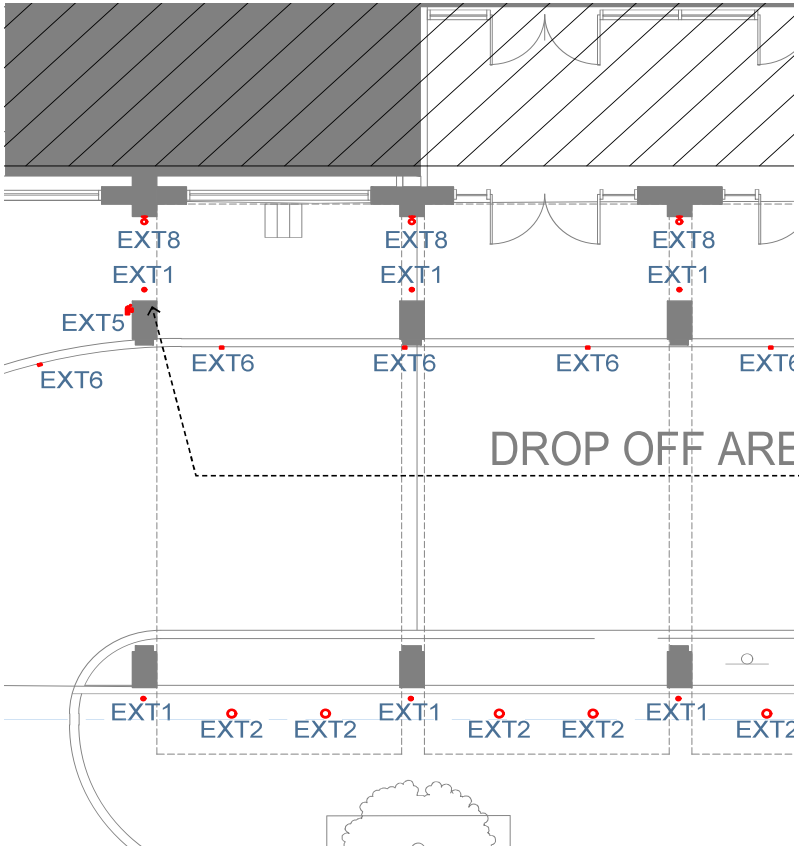
COLOR TEMPERATURE 2700K
3.4W
251 LUMEN

9

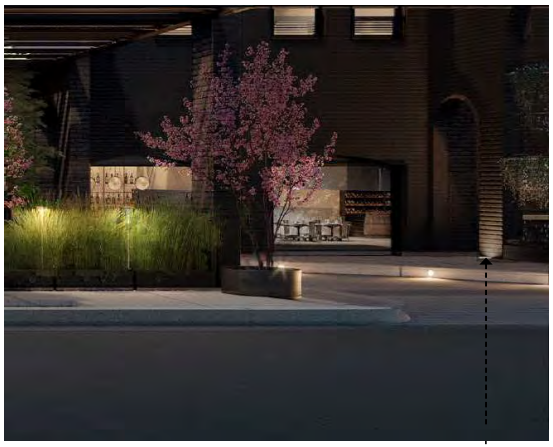
STUDIO
ATOMIC

01/12/2022

FACADE: ARCH LIGHTING



TYPE EXT1



10

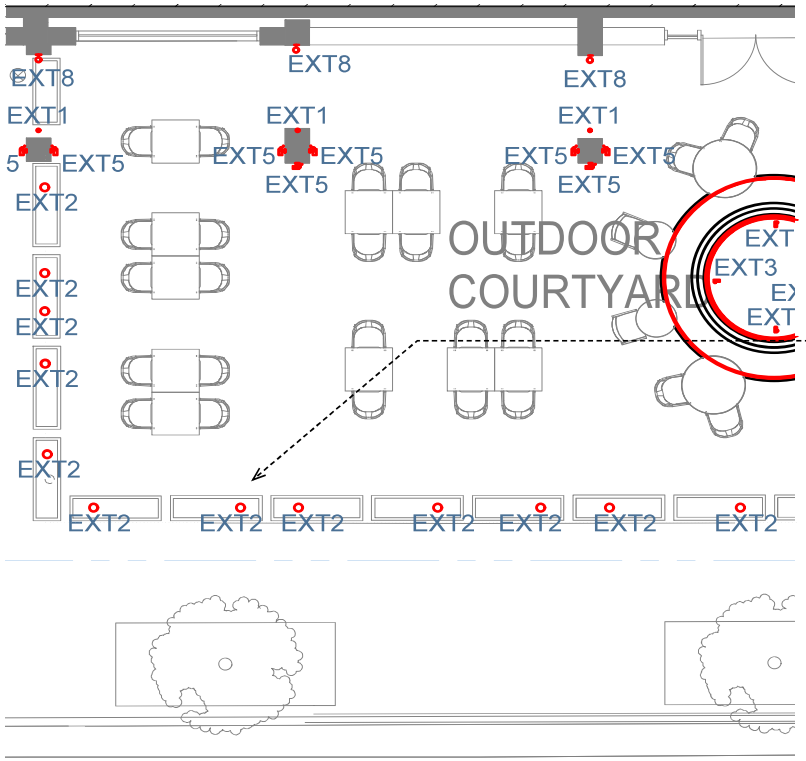
INGROUND LED FIXTURE
FIXTURE IS WET LISTED

COLOR TEMPERATURE 2700K
3.4W
251 LUMEN

STUDIO
ATOMIC

01/12/2022

PLANTERS LIGHTING



TYPE EXT2

OUTDOOR BOLLARD
FIXTURE IS WET LISTED

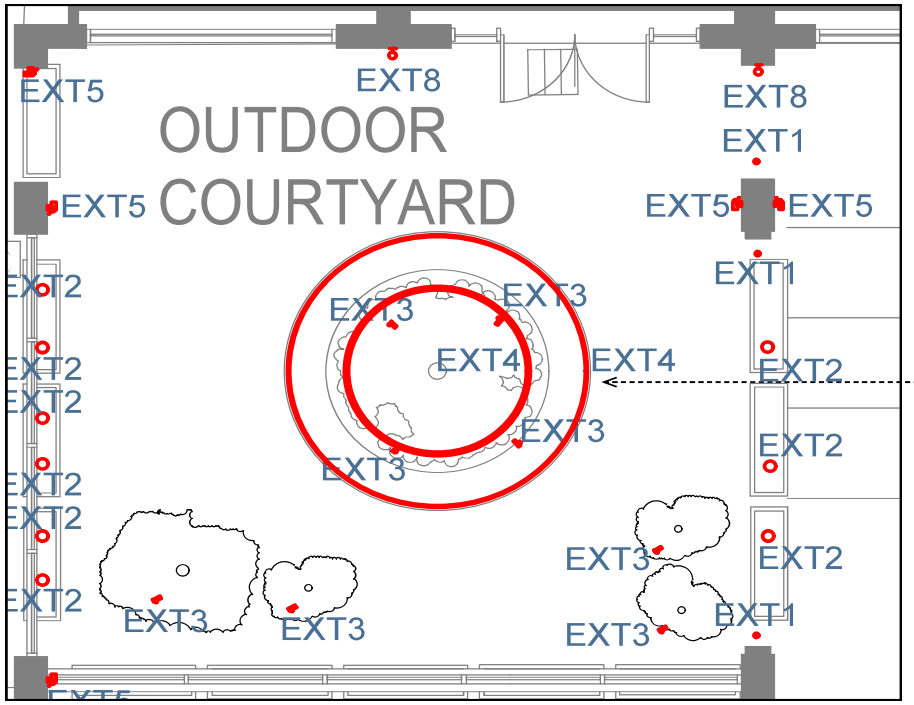
COLOR TEMPERATURE 2700K
5W
379LUMEN

11

STUDIO
ATOMIC

01/12/2022

OUTDOOR AREA EXTERIOR LIGHTING DESIGN : UPLIGHT TREES AND GENERAL LIGHTING FIXURES



TYPE EXT4

LED FIXTURE MOUNTED ON PLANTER POCKET FOR INDIRECT EMISSION
FIXTURE IS WET LISTED

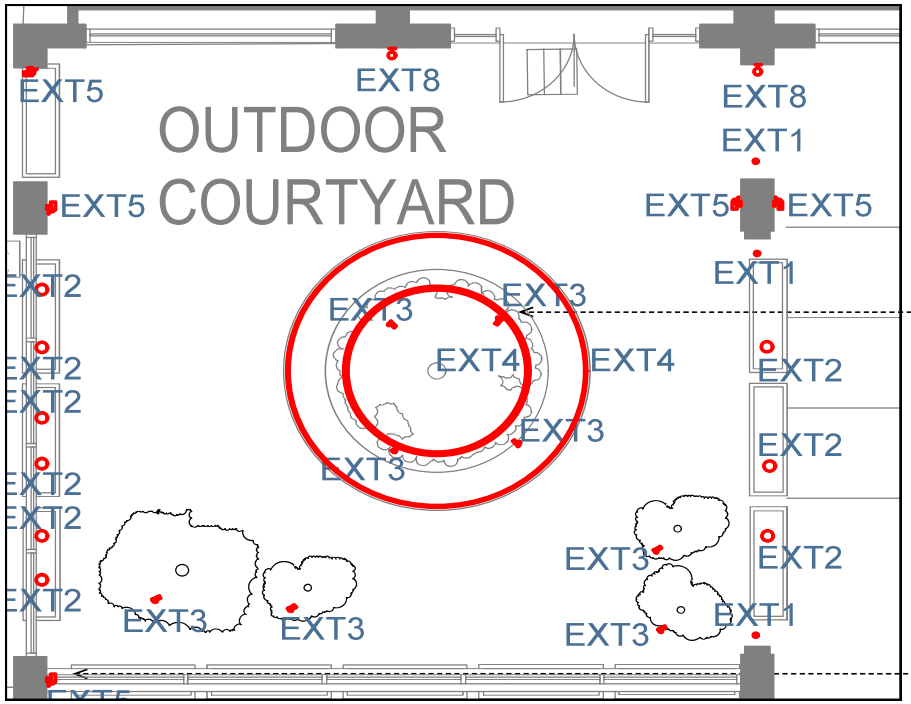
COLOR TEMPERATURE 2700K
1.5W
190 LUMEN

12

STUDIO ATOMIC

01/12/2022

OUTDOOR AREA EXTERIOR LIGHTING DESIGN : UPLIGHT TREES AND GENERAL LIGHTING FIXURES



TYPE EXT3

LED FIXTURE ON STEM
FIXTURE IS WET LISTED

COLOR TEMPERATURE 2700K
2.3W
195 LUMEN

13

TYPE EXT5

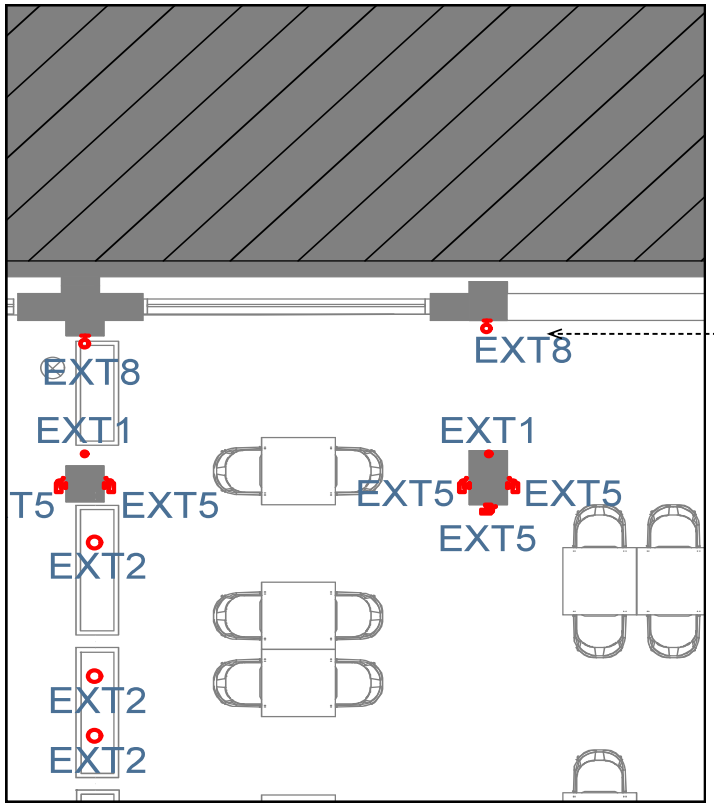
SURFACE MOUNTED ADJUSTABLE LED FIXTURE
WITH EGG LOUVER
FIXTURE IS WET LISTED

COLOR TEMPERATURE 2700K
6.5W
419 LUMEN

STUDIO
ATOMIC

01/12/2022

OUTDOOR AREA EXTERIOR LIGHTING DESIGN - WALL SCONCE



TYPE EXT8

WALL MOUNTED LED FIXTURE
FIXTURE IS WET LISTED

COLOR TEMPERATURE 2700K
8W
786 LUMEN

14

STUDIO
ATOMIC

01/12/2022

FLOS OUTDOOR

Fixture Type .....
Job Name .....

Landlord Ground 64

Ground Recessed Designed by Piero Lissoni

Description

The Landlord ground is an IP67 luminaries for ground recessed installation, powered by a 24V remote power supply. Body is anodized, then resined aluminum, external ring in shot-peened stainless steel, encasing the entire control electronics. The Head available in two sizes, ø49 mm, and ø64 mm, with frontal or grazing emission (one, two or four beams).
Frontal emission version are available with spot or medium optic, or with integrated non removable honeycomb, for maximum visual comfort.

Lamp

Lamps Type	LED
Wattage	3.4W
Output Nominal	251lm, 260lm, 270lm
Color Temperature	2700K, 3000k, 4000K
Color rendering	CRI80

Optical

Beam Angle	15°, 25°
Lighting Type	Direct
Light Distribution	Symmetric

Physical

Material	Stainless Steel
Aiming	Fixed
Weight	0.77 Pounds
Ingress Protection Rating	IP67
Finishes	Stainless Steel
Installation type	Ground recessed / Wall recessed
Environment	Outdoor / Wet location

Dimensions

Certifications

c UL us LISTED Class 2

Photometrics

For current IES files please visit architectural.flosusa.com

Warranty

2 years from date of sale.

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110 York Street
Brooklyn, NY 11201
(7 1 8) . 8 7 5 . 3 4 7 2

EXT1

FLOS OUTDOOR

Fixture Type .....
Job Name .....

Landlord Ground 64

Ground Recessed Designed by Piero Lissoni

Electrical & Control

Input Fixture Voltage	24V
Control	Non Dimmable / Standard 0-10V dimming
Driver	Remote - Class 2
Input Driver Voltage	120 - 277V
Output Driver Voltage	24V

Performance

Maximum delivered output	198
Efficacy	58.2 lm/W

Notes

Recommended connections for in-ground installations with a 2-way terminal block 4-pole IP68 water stop on 24V side. Order separately.

All drivers should be installed in weather resistant enclosures (by others) or indoors. Silicon filled wire-nuts where required, should be used on all line-voltage connections to avoid syphoning moisture to electrical components.

During installation and maintenance avoid scratching or damaging the finish as it may result in premature corrosion of metal surfaces. Avoid cleaning fixtures with corrosive chemicals as it may result in voiding the warranty.

LED fixtures are highly susceptible to failure due to electrical effects from poor connections, and electrical short circuits. These are frequently caused by (a) over-voltage from primary voltage sources, (b) electrostatic discharge from the exterior environment. Ensure that all outdoor fixtures are installed on GFI circuits as required by code, and use proper surge protecting devices to avoid irreversible damages to electrical components.

Dimensions

Certifications

c UL us LISTED Class 2

Photometrics

For current IES files please visit architectural.flosusa.com

Warranty

2 years from date of sale.

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Brooklyn, NY 11201
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FLOS OUTDOOR

Fixture Type .....
Job Name .....

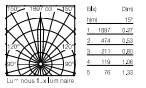
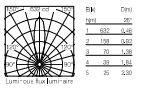
Landlord Ground 64

Ground Recessed Designed by Piero Lissoni

How to specify

F	0	0	4	B	2	1	A	0	0	5
Part Number									Finish	

Landlord Ground Ø64

Part Number	Dimmable	CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Beam Angle	Photometrics
F004B21A005	Non Dimmable	2700	80	251	183	3.4W	15°	
F004B21H005	0-10V PWM dimmable							
F004B31A005	Non Dimmable	3000	80	260	189	3.4W		
F004B31H005	0-10V PWM dimmable							
F004B41A005	Non Dimmable	4000	80	270	198	3.4W		
F004B41H005	0-10V PWM dimmable							
F004B22A005	Non Dimmable	2700	80	251	183	3.4W	25°	
F004B22H005	0-10V PWM dimmable							
F004B32A005	Non Dimmable	3000	80	260	189	3.4W		
F004B32H005	0-10V PWM dimmable							
F004B42A005	Non Dimmable	4000	80	270	198	3.4W		
F004B42H005	0-10V PWM dimmable							

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Brooklyn, NY 11201
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EXT1

FLOS OUTDOOR

Fixture Type .....
Job Name .....

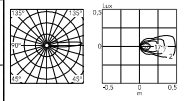
Landlord Ground 64

Ground Recessed Designed by Piero Lissoni

Landlord Ground Ø64 - Honeycomb

Part Number	Dimmable	CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Beam angle	Photometrics
F004B26AU0501	Non Dimmable	2700	80	251	115	3.4W	15°	See photometrics without honeycomb
F004B27AU0502	Non Dimmable				95		25°	
F004B36AU0501	Non Dimmable	3000	80	260	120	3.4W	15°	
F004B37AU0502	Non Dimmable				99		25°	
F004B46AU0501	Non Dimmable	4000	80	270	125	3.4W	15°	
F004B47AU0502	Non Dimmable				103		25°	

Landlord Ground Ø64 - 1 Beam

Part Number	Dimmable	CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Voltage	Photometrics
F004B23A005	Non Dimmable	2700	80	251	11	3.4W	24V	
F004B23H005	0-10V PWM dimmable							
F004B33A005	Non Dimmable	3000	80	260	12	3.4W	24V	
F004B33H005	0-10V PWM dimmable							
F004B43A005	Non Dimmable	4000	80	270	12	3.4W	24V	
F004B43H005	0-10V PWM dimmable							

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FLOS
OUTDOOR

Fixture Type .....
Job Name .....

Landlord Ground 64

Ground Recessed Designed by Piero Lissoni

Landlord Ground Ø64 - 2 Beams

Part Number	Dimmable	CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Voltage	Photometrics
F004B24A005	Non Dimmable	2700	80	251	22	3.4W	24V	
F004B24H005	0-10V PWM dimmable							
F004B34A005	Non Dimmable	3000	80	260	23	3.4W	24V	
F004B34H005	0-10V PWM dimmable							
F004B44A005	Non Dimmable	4000	80	270	24	3.4W	24V	
F004B44H005	0-10V PWM dimmable							

Landlord Ground Ø64 - 4 Beams

Part Number	Dimmable	CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Voltage	Photometrics
F004B25A005	Non Dimmable	2700	80	251	44	3.4W	24V	
F004B25H005	0-10V PWM dimmable							
F004B35A005	Non Dimmable	3000	80	260	46	3.4W	24V	
F004B35H005	0-10V PWM dimmable							
F004B45A005	Non Dimmable	4000	80	270	48	3.4W	24V	
F004B45H005	0-10V PWM dimmable							

F L O S . U S A
110 York Street
Brooklyn, NY 11201
(718).875.3472

EXT1

FLOS
OUTDOOR

Fixture Type .....
Job Name .....

Landlord Ground 64

Ground Recessed Designed by Piero Lissoni

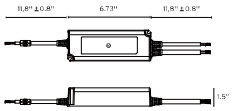
Required Accessories

Box for installation.

Part Number: F004Z0K0000

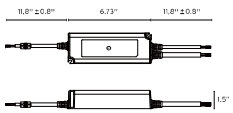
LED power supply source for remote installation, 24V/90W, 120-277V, OUTDOOR IP65
Requires watertight outdoor NEMA rated enclosure(not supplied, by others)

LED90W24V-PWM-B01



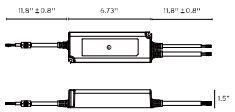
LED power supply source for remote installation, 24V/60W, 120-277V, OUTDOOR IP65
Requires watertight outdoor NEMA rated enclosure(not supplied, by others)

LED60W24V-PWM-B01



LED power supply source for remote installation, 24V/40W, 120-277V, OUTDOOR IP65
Requires watertight outdoor NEMA rated enclosure(not supplied, by others)

LED40W24V-PWM-B01



F L O S . U S A
110 York Street
Brooklyn, NY 11201
(718).875.3472

For more information contact your representative or go to architectural.flosusa.com
©2020 Specifications and dimensions subject to change without notice. Issued 02.17.2020

EXT2

FLOS

Landlord Soft - Specification Sheet
by Piero Lissoni

Mounting	Base on Ground
Lamp (Bulb) Description	5W, 379lm, 2700K, CRI80
Environment	Outdoor - Wet location
Dimming	No dimmable
Finish	Anodized Black
Technical and Product Description	Recommended connections for in-ground installations with a 2-way terminal block 4- pole IP68 water stop on 24V side. Order separately. All drivers should be installed in weather resistant enclosures (by others) or indoors. Silicon filled wire-nuts where required, should be used on all line-voltage connections to avoid syphoning moisture to electrical components. The painted versions are an exterior rated epoxy polyester powder coat finish for superior strength, heat and UV resistance. During installation and maintenance avoid scratching or damaging the finish as it may result in premature corrosion of metal surfaces. Avoid cleaning fixtures with corrosive chemicals as it may result in voiding the warranty. LED fixtures are highly susceptible to failure due to electrical effects from poor connections, and electrical short circuits. These are frequently caused by (a) over- voltage from primary voltage sources, (b) electrostatic discharge from the exterior environment. Ensure that all outdoor fixtures are installed on GFI circuits as required by code, and use proper surge protecting devices to avoid irreversible damages to electrical components.

Electrical

Voltage	120
IP Rating	IP65

Physical

Construction Material	Aluminum

● F004H20AU71-600 Anodized Black

Dimensional Image

Certifications

UL ; UL ADA

STUDIO
ATOMIC

EXT3

FLOS

Landlord Spot D40 - Specification Sheet
by Piero Lissoni

Mounting	Base on Ground
Lamp (Bulb) Description	2.3W, 195lm, 3000K, CRI80,
Environment	Outdoor - Wet location
Dimming	No dimmable
Finish	Anodized Black
Technical and Product Description	Recommended connections for in-ground installations with a 2-way terminal block 4- pole IP68 water stop on the 24V side. Order separately. All drivers should be installed in weather-resistant enclosures (by others) or indoors. Silicon filled wire-nuts where required should be used on all line-voltage connections to avoid syphoning moisture to electrical components. The painted versions are an exterior rated epoxy-polyester powder coat finish for superior strength, heat and UV resistance. During installation and maintenance avoid scratching or damaging the finish as it may result in premature corrosion of metal surfaces. Avoid cleaning fixtures with corrosive chemicals as it may result in voiding the warranty. LED fixtures are highly susceptible to failure due to electrical effects from poor connections, and electrical short circuits. These are frequently caused by (a) overvoltage from primary voltage sources, (b) electrostatic discharge from the exterior environment. Ensure that all outdoor fixtures are installed on GFI circuits as required by code, and use proper surge protection devices to avoid irreversible damages to electrical components.

Electrical

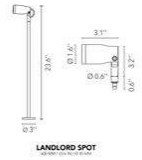
Voltage	120
IP Rating	IP65

Physical

Construction Material	Aluminum

● F004F22AU71-600 Anodized Black

Dimensional Image



Certifications

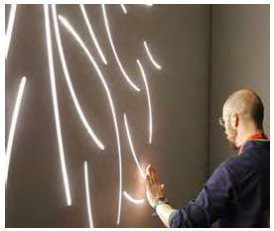
UL ; UL ADA

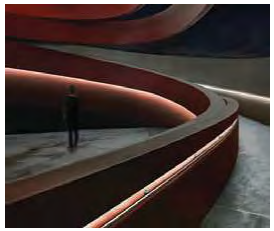
STUDIO
ATOMIC

EXT4

UNDERSCORE
IN/OUT

Type: **SPECIFICATION SHEET**
Project :
Page: 1 of 8





Underscore InOut is a flexible continuous linear system for exterior applications, engineered for extreme conditions. This flexible system allows freedom of design on surface of any shape and size. Underscore InOut is the right solution where direct diffuse distribution is desired.

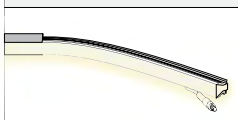
Luminaire characteristics:	**Power input:** 2.6W/ft or 3.5W/ft (Remote fixture only) **Lumens:** 90lm/ft or 190lm/ft (for 2900K, 80CRI) **Luminaire efficacy:** 30 to 55lm/W
Source:	White LED (LM-80 tested) 2500K / 2600K : 80CRI 2800K / 2900K : 80CRI 3600K / 3800K : 80CRI 4400K / 4500K / 4600K : 80CRI
Lumen maintenance:	See page 5 for details.
Optics:	Underscore InOut can be used to create straight or curved lines on flat surfaces. Darkspot free lighting is guaranteed along the entire strip profile up to the end parts.
Material:	Coextruded high performance polymer extrusion IP68 factory sealed assembly. Designed for extreme temperatures: -22°F to +113°F (-30°C to +45°C). The high performance polymer has been tested at 1760°F (960°C) with glow wire without igniting of smoke. Integral stainless steel splint system reducing mechanical stress and increase reliability.
Mounting:	Universal surface mounted, using mounting accessories (included). Supplied with 3" (80mm) long cable with patented IP68 connection system. (page 2-3).
Electrical:	24V remote LED driver to be ordered separately (page 8)
Dimming:	See dimming options on page 8.
Finish:	White polymer extrusion with milky finish. Extruded anodized aluminum or stainless steel mounting clips.
Weight:	0.2lb/ft (0.1kg/ft)
Warranty:	5 year limited warranty.
Ratings:	IP68, IK10
Certification:	cULus listed for wet location

UNDERSCORE
IN/OUT

Type: **SPECIFICATION SHEET**
Project :
Page: 2 of 8

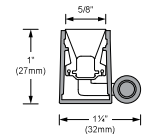
MODEL AND MOUNTINGS

TOP BEND



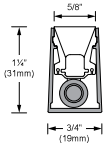
LOW CLEARANCE MOUNTING - 1" HEIGHT
WITH EXPOSED CONNECTORS

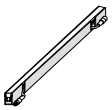
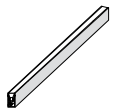
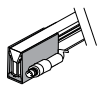
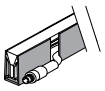
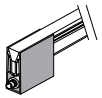
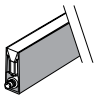
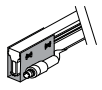
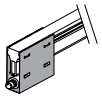
16mm



HIGH PROFILE MOUNTING - 1¼" HEIGHT
WITH HIDDEN CONNECTORS

16mm



CURVED INSTALLATION	STRAIGHT INSTALLATION	CURVED INSTALLATION	STRAIGHT INSTALLATION
			
Minimum curvature radius: 10" (250mm)		Minimum curvature radius: 10" (250mm)	
CLIP OPTIONS	**PROFILE OPTION**	**CLIP OPTIONS**	**PROFILE OPTION**
AL - Anodized Aluminum clips	**LP -** Anodized Aluminum profile	**AH -** Anodized Aluminum clips	**HP -** Anodized Aluminum profile
			
CL - Stainless steel clips		**CH -** Stainless steel clips	
			

All mounting clips length: 1⅜" (40mm)
All profile length follows model length. See page 5 for all available lengths.

JP-R26 Last update: February 09, 2021
Due to continuous improvements, the information herein may be changed without notice
iGuzzini
9320 Boul. St-Laurent, suite 100, Montréal (Québec) Canada H2N 1N7, P.: 514.523.1339 F.: 514.525.6107 www.iguzzini.com/us

STUDIO
ATOMIC

STUDIO
ATOMIC

EXT4

UNDERSCORE
IN/OUT

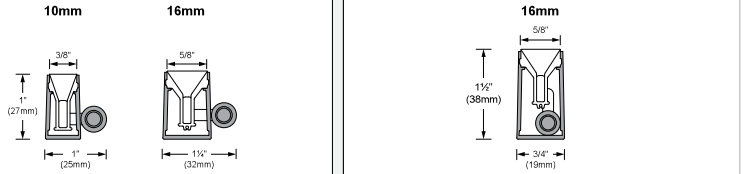
Type: SPECIFICATION SHEET
Project :

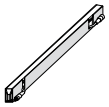
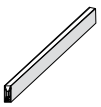
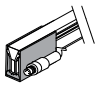
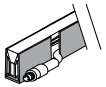
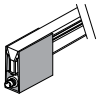
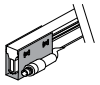
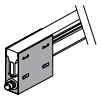
MODEL AND MOUNTINGS

SIDE BEND

LOW CLEARANCE MOUNTING - 1" HEIGHT
WITH EXPOSED CONNECTORS

HIGH PROFILE MOUNTING - 1½" HEIGHT
WITH HIDDEN CONNECTORS



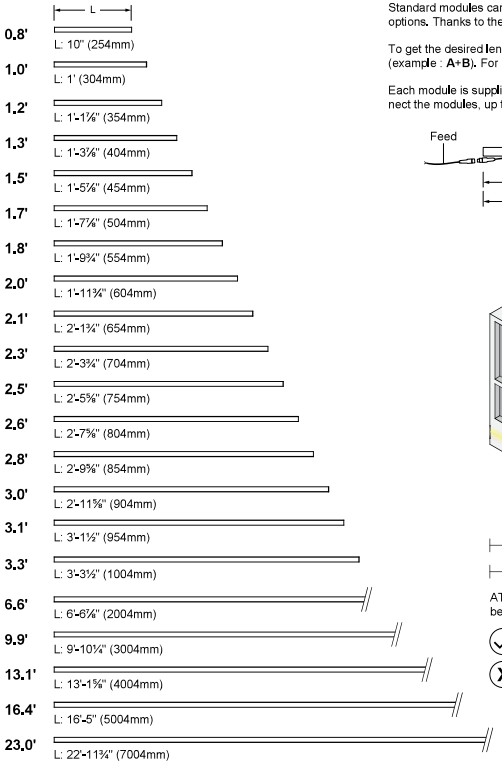
CURVED INSTALLATION	STRAIGHT INSTALLATION	CURVED INSTALLATION	STRAIGHT INSTALLATION
			
Minimum curvature radius: **10 - 16mm** : 5-⅞" (150mm)		Minimum curvature radius: **16 mm** : 5-⅞" (150mm)	
CLIP OPTIONS	**PROFILE OPTION**	**CLIP OPTIONS**	**PROFILE OPTION**
AL - Anodized Aluminum clips	**LP -** Anodized Aluminum profile	**AH -** Anodized Aluminum clips	**HP -** Anodized Aluminum profile
			
CL - Stainless steel clips		**CH -** Stainless steel clips	
			

All mounting clips length: 1⅝" (40mm)
All profile length follows model length. See page 5 for all available lengths.

UNDERSCORE
IN/OUT

Type: SPECIFICATION SHEET
Project :

LENGTHS

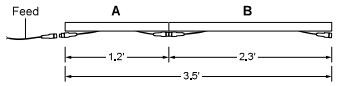


COMBINED MODULES

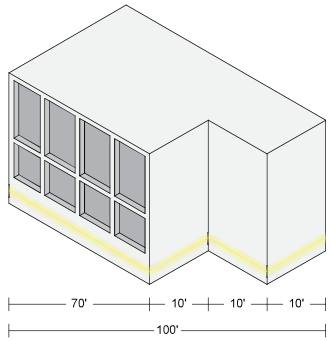
Standard modules can be combined in continuous rows, to create other length options. Thanks to the side positioning of the connectors, it avoids dark areas.

To get the desired length, simply choose standard modules to combine (example : A+B). For in-line modules (B), no feed is required.

Each module is supplied with 3" (80mm) long cable with connector, to interconnect the modules, up to 23' (7004mm) long.



TOP VIEW



ATTENTION: When ordering, each part of the design must be calculated separately.

✓ 70' + 3 x 10'

X 1 x 100'

STUDIO ATOMIC

STUDIO ATOMIC

EXT4

UNDERSCORE
IN/OUT

Type: **SPECIFICATION SHEET**
Project :
Page: 5 of 8

PHOTOMETRIC DATA

SIDE BEND

10mm

CC (K)	CRI	LOAD (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/W)	MAX CANDELA (cd/ft)	MODELS
2500K	80	2.6W/ft	90	35	20	IU10-S-825
2900K			90	35	20	IU10-S-829
3800K			100	38	20	IU10-S-838
4600K			90	35	20	IU10-S-846

16mm

CC (K)	CRI	LOAD (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/W)	MAX CANDELA (cd/ft)	MODELS
2500K	80	2.6W/ft	85	33	20	IU16-S-825
2900K			85	33	20	IU16-S-829
3800K			90	36	20	IU16-S-838
4600K			85	32	20	IU16-S-846

TOP BEND

16mm

CC (K)	CRI	LOAD (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/W)	MAX CANDELA (cd/ft)	MODELS
2500K	80	2.6W/ft	80	32	20	IU16-T-825
2900K			80	32	20	IU16-T-829
3800K			90	35	20	IU16-T-838
4500K			100	38	25	IU16-T-845
2600K	80	3.5W/ft	190	54	55	IU16-T-HO-826
2800K			195	55	55	IU16-T-HO-828
3600K			195	55	55	IU16-T-HO-836
4400K			200	57	55	IU16-T-HO-844

LUMEN MAINTENANCE

Version	L70 B20 (ta25°)	L70 B20 (ta40°)	L80 B20 (ta25°)	L80 B20 (ta40°)
TOP BEND	>100 000H	>100 000H	>50 000H	>50 000H
TOP BEND - HO	>100 000H	>65 000H	>50 000H	>50 000H
SIDE BEND	49 000H	32 500H	32 000H	25 000H

UNDERSCORE
IN/OUT

Type: **SPECIFICATION SHEET**
Project :
Page: 6 of 8

FEED OPTIONS (INCLUDED)

LEFT FEED
*STANDARD
(1)Low profile side bend is only available in 115mm or 1500mm
Please refer to instruction sheet for more options.

A - Cable with female connector
Length = 4½" (115mm)

B - Cable with female connector
Length = 59" (1500mm)

C(1) **-** Cable with female connector
Length = 118" (3000mm)

F(1) **-** Cable with female connector
Length = 193 ⅞" (5000mm)

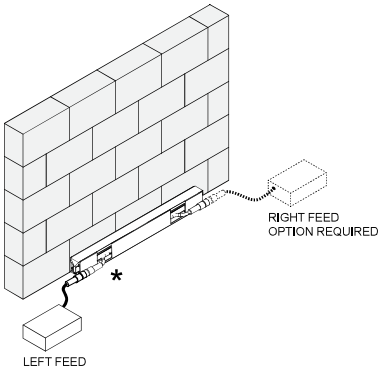
RIGHT FEED
* AS REQUIRED DEPENDING ON THE INSTALLATION, SEE IMAGE BELOW

D - Cable with male connector
Length = 4½" (115mm)

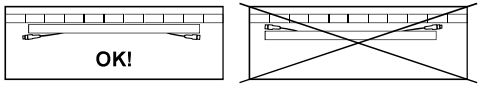
E - Cable with male connector
Length = 59" (1500mm)

NO FEED

N - No feed (for in-line modules)



*For side bend low clearance mounting, connectors must be positioned opposite of the wall.



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iGuzzini
9320 Boul. St-Laurent, suite 100, Montréal (Québec) Canada H2N 1N7, P.: 514.523.1339 F.: 514.525.6107 www.iguzzini.com/us

EXT4

UNDERSCORE
IN/OUT

Type: **SPECIFICATION SHEET**
Project :
Page: 7 of 8

ORDERING INFO

____ - ____ - ____ - 01
FIXTURE

RESET INFO

MODEL	IU10 - 10mm		IU16 - 16mm	
SIDE BEND	☐ 825 - 2500K	☐ 829 - 2900K	☐ 825 - 2500K	☐ 829 - 2900K
	☐ 838 - 3800K	☐ 846 - 4600K	☐ 838 - 3800K	☐ 846 - 4600K
TOP BEND			☐ 825 - 2500K	☐ 829 - 2900K
			☐ 838 - 3800K	☐ 845 - 4500K
TOP BEND HO			☐ 826 - 2600K	☐ 828 - 2800K
			☐ 836 - 3600K	☐ 844 - 4400K

LENGTH

Refer to configurations table on page 4, Select matching length from the dropdown menu (use scroll bar for more options)

MOUNTING

☐ **AL -** Aluminum low support clips
☐ **CL -** Stainless steel low support clips
☐ **LP -** Aluminum low profile
☐ **AH* -** Aluminum high support clips
☐ **CH* -** Stainless steel high support clips
☐ **HP* -** Aluminum high profile

FEED

☐ **A -** Left feed (115mm)
☐ **B -** Left feed (1500mm)
☐ **C -** Left feed (3000mm)
☐ **F -** Left feed (5000mm)
☐ **D -** Right feed (115mm)
☐ **E -** Right feed (1500mm)
☐ **N -** No feed (for in-line modules)

FINISH

01 - White

* Only available for IU16 model.

ACCESSORY
(TO BE ORDERED SEPARATELY)

☐ **4543 -** Wet location connection box
For cable Ø 3/16" to 7/16" (4mm to 11mm)

JP-R26 Last update: February 09, 2021

Due to continuous improvements, the information herein may be changed without notice

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UNDERSCORE
IN/OUT

Type: **SPECIFICATION SHEET**
Project :
Page: 8 of 8

REMOTE LED DRIVER OPTIONS
(TO BE ORDERED SEPARATELY)

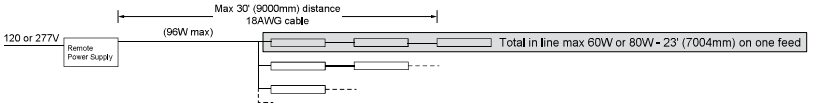
Watts	Voltage	Rated	Dimming protocol	Dimming range	Dimensions	Max distance 18AWG
☐	**4443-0024-040-120-D3**					
40	120V	Indoor	Lutron Hi Lume® 1% 2-wire (120V forward phase only)	Down to ±1%	5" x 4" x 3" (127 x 102 x 76mm)	28ft (8.5m)
☐	**4443-0024-040-UNV-D2**					
40	120-277V	Indoor	Lutron Hi Lume® 1% EcoSystem™ (Soft-on, Fade to Black)	Down to ±1%	5" x 4" x 3" (127 x 102 x 76mm)	28ft (8.5m)
☐	**4449-0024-060-UNV-D10**					
60	120-277V	Indoor	0-10V	Down to ±10%	12" x 8" x 4" (305 x 203 x 102mm)	30ft(9m)
☐	**4449-0024-075-UNV-D10**					
75	120-277V	Indoor	0-10V	Down to ±10%	12" x 8" x 4" (305 x 203 x 102mm)	30ft(9m)
☐	**4549-0024-075-UNV-D10**					
75	120-277V	Outdoor	0-10V	Down to ±10%	14" x 5" x 3" (356 x 127 x 76mm)	30ft(9m)
☐	**4447-0024-096-UNV-D2**					
96	120-277V	Indoor	Lutron Hi Lume® 0.1% EcoSystem™ (Soft-on, Fade to Black)	Down to ±0.1%	5" x 4" x 3" (127 x 102 x 76mm)	30ft(9m)
☐	**4546-0024-200-2C-UNV-ND**					
200	120-277V	Outdoor	None	None	12" x 5" x 2" (305 x 127 x 51mm)	28ft (8.5m)

* Wattage requirement for one (1) fixture: 2.6W/ft or 3.5W/ft, 24V (remote fixture only).
**For longer remote distance, contact customer service.

SUGGESTED WIRING DIAGRAM

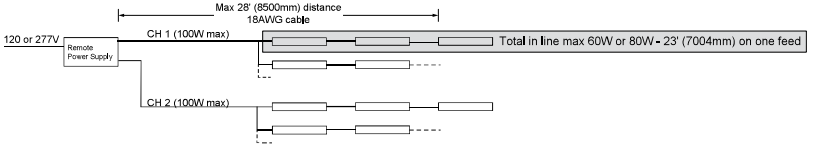
LED DRIVER CODE : **4447-0024-096-UNV-D2**

Wmax for in line with 2.6W/ft model: 60W - 23' (7004mm)
Wmax for in line with 3.5W/ft model: 80W - 23' (7004mm)
Wmax for driver box: 96W



LED DRIVER CODE : **4546-0024-200-2C-UNV-ND**

Wmax for in line with 2.6W/ft model: 60W - 23' (7004mm)
Wmax for in line with 3.5W/ft model: 80W - 23' (7004mm)
Wmax for driver box : 200W



JP-R26 Last update: February 09, 2021

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STUDIO ATOMIC

STUDIO ATOMIC

EXT5

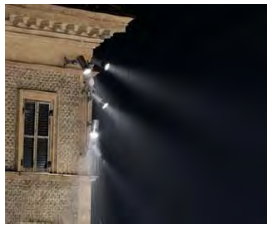
PALCO INOUT

LED

Type:

Project :

SPECIFICATION SHEET



Palco in out is a family of outdoor projector for architectural and landscape lighting applications. Engineered for extreme conditions Palco performs in all climates and in all environments. Palco is equipped with proprietary high performance optics that deliver an extensive choice of light distributions.

Luminaire characteristic:	**Power input:** 3W to 32W (system wattage) **Lumens:** 160lm to 3 415lm (for 3000K, 80CRI) **Luminaire efficacy:** Up to 125lm/W
Source:	White LED (LM-80), 2700K: 80CRI, 3000K: 80CRI, 4000K: 80CRI.
Lumen maintenance:	80% of initial lumens at 50 000 hours (L80)(LM-79).
Optic:	Available in spot, medium, flood, wide flood and very wide flood optics.
Material:	Optical body, arm and accessory holder ring and driver housing: Die-cast aluminum; Reflector: Metalized thermoplastic; Optic diffuser: PMMA (polymethyl methacrylate); Protective screen: 3/16" (4mm) thick extra-clear sodium-calcium closure glass.
Mounting:	Vertical or horizontal surface and pole mount. Integral models ready for installation on 4" octogonal junction box. See all mounting accessories on page 11. Remote version are supplied with 3ft (1m) of power cable with anti-siphon device. Integral version are supplied with 4" octogonal junction box adaptor plate and 6 inch (160mm) of power cable.
Adjustment:	Double adjustable allows a 360° rotation about the vertical. Adjustable +95°/5° from horizontal line.
Electrical:	Integral high efficiency dimmable LED driver, rated at 50 000 hours. 120V/277V. Remote options available for micro, mini and small models.
Dimming:	Integral models, down to 10%, 0-10V (120-277V); See remote options (page 13-16).
Finish:	Gray painted (RAL9007) or white painted (RAL9016) with a high level of weather and UV resistance. The semi-gloss finish coating is electrostatically applied, durable acrylic enamel baked at high temperatures for superior color retentive finish.
Operating temperature:	HE: -30°C to 50°C (-22°F to 122°F); BO: -30°C to 50°C (-22°F to 122°F); HO: -30°C to 35°C (-22°F to 95°F); VHO for medium Ø41 1/16"(119mm) model: -30°C to 35°C (-22°F to 95°F); VHO for large Ø5 3/16"(137mm) model: -30°C to 50°C (-22°F to 122°F).
Weight:	Micro: 0,37lbs (0,17kg) Mini: 0,88lbs (0,40kg) Small: 2,86lbs (1,30kg) Medium: 8,38lbs (3,85kg) Large: 12,13lbs (5,50kg)
Warranty:	5 year limited warranty.
Ratings:	IP66, IK07
Certification:	cULus listed for wet location.

PALCO INOUT

LED

Type:

Project :

SPECIFICATION SHEET

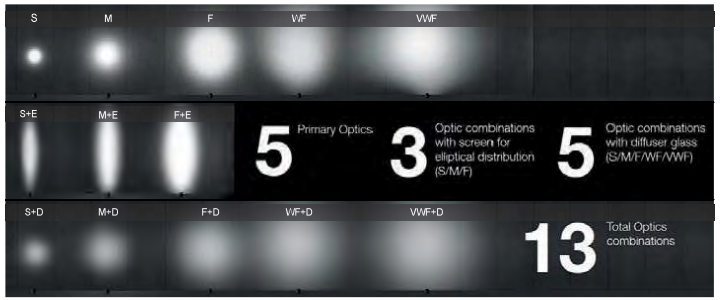
VISUAL COMFORT

Palco InOut spotlights have a very high shielding angle that ensures visual confort in spatial terms whatever their orientation.

LUMEN MAINTENANCE

	C - MICRO Ø1 1/8" (30mm)	N - MINI Ø2" (49mm)	S - SMALL Ø3 1/4" (83mm)	M - MEDIUM Ø4 11/16" (119mm)	L - LARGE Ø5 3/16" (137mm)
L80 B10 (ta25°C (77°F))	>57 000H	>100 000H	>100 000H	>100 000H	>100 000H
L80 B10 (ta40°C (104°F))	>57 000H	>65 000H	>100 000H	>95 000H	>80 000H

PROFESSIONAL OPTICS



PROFESSIONAL ACCESSORIES

Accessory support frame | Refractor for elliptical distribution | Diffuser lens | Honeycomb louver | Protective grid | Blade louver | Short snoot | 45° short snoot | Horizontal directional flap frame | Directional flap

JP - R1 Last update: August 02, 2021

Due to continuous improvements, the information herein may be changed without notice

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EXT5

PALCO INOUT
LED

Type:
Project :

SPECIFICATION SHEET
Page: 3 of 16

FAMILY OVERVIEW

Low voltage with remote LED driver

C - Micro
Ø1 3/16" (30mm)

SPOT 14° | MEDIUM 25°

N - Mini
Ø2" (49mm)

SPOT 16° | MEDIUM 23° | WIDE FLOOD 42°

S - Small
Ø3 1/4" (83mm)

SPOT 15° | MEDIUM 25° | WIDE FLOOD 41° | VERY WIDE FLOOD 78°

Line voltage version with integral LED driver

S - Small
Ø3 1/4" (83mm)

SPOT 15° | MEDIUM 25° | WIDE FLOOD 41° | VERY WIDE FLOOD 78°

M - Medium
Ø4 11/16" (119mm)

SPOT 14° | MEDIUM 25° | WIDE FLOOD 47° | VERY WIDE FLOOD 75°

L - Large
Ø5 3/8" (137mm)

SPOT 10° | MEDIUM 18° | FLOOD 28° | WIDE FLOOD 41° | VERY WIDE FLOOD 80°

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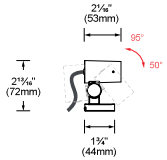
PALCO INOUT
LED

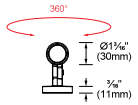
Type:
Project :

SPECIFICATION SHEET
Page: 4 of 16

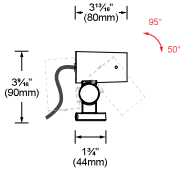
DIMENSIONS

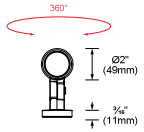
C - Micro
Ø1 3/16" (30mm)
Remote LED driver



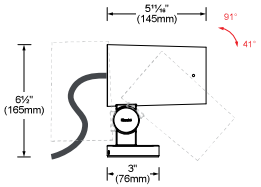


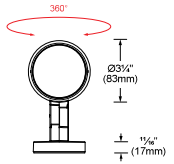
N - Mini
Ø2" (49mm)
Remote LED driver





S - Small
Ø3 1/4" (83mm)
Remote LED driver





*Supplied with 3ft (1m) of power cable with anti-siphon device.

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EXT5

PALCO INOUT

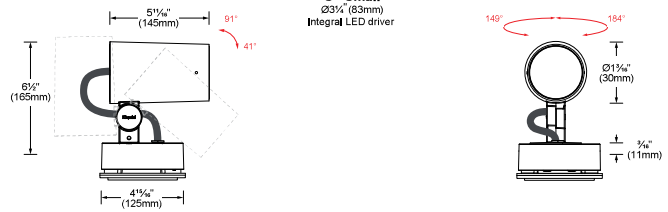
LED

Type: SPECIFICATION SHEET

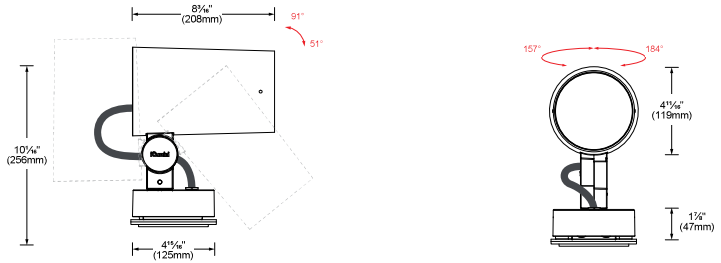
Project :

DIMENSIONS (SUITE)

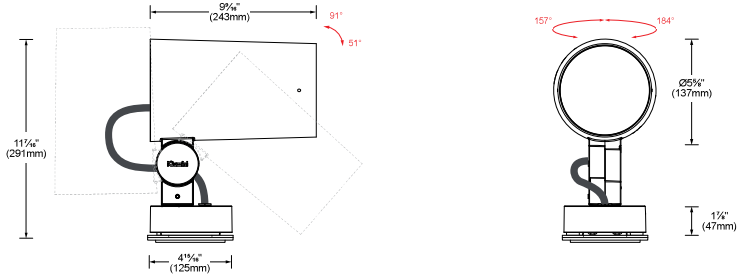
S - Small
Ø3¼" (83mm)
Integral LED driver



M - Medium
Ø4 11⁄16" (119mm)
Integral LED driver



L - Large
Ø5⅜" (137mm)
Integral LED driver



*Supplied with junction box adaptor plate and 6 inches (160mm) of power cable. Waterproof connector accessories (page 11) can be used to extend cable length.

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PALCO INOUT

LED

Type: SPECIFICATION SHEET

Project :

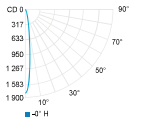
PHOTOMETRIC DATA

C - MICRO
Ø1 3⁄16" (30mm)

CCT (K)*	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	80	BO	2,5W	Spot 14°	160	64	1 800	IPLCIO-C-BO-830-SP
				Medium 25°	175	70	825	IPLCIO-C-BO-830-MD

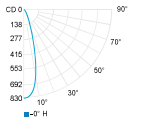
Photometric data for remote luminaire. Load (W) information is for the luminaire without LED driver.
*USE MULTIPLIER TABLE FOR OTHER CCT AND CRI OUTPUT DATA

BO Spot 14° (3000K, 80CRI)



Center beam fc	Beam width ft
2ft 451	0,5
4ft 113	1,0
6ft 50,1	1,4
8ft 28,2	1,9
10ft 18,0	2,4
12ft 12,5	2,9

BO Medium 25° (3000K, 80CRI)



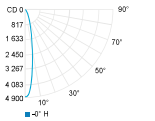
Center beam fc	Beam width ft
2ft 207	0,9
4ft 51,7	1,8
6ft 23,0	2,7
8ft 12,9	3,5
10ft 8,28	4,4
12ft 5,75	5,3

N - MINI
Ø2" (49mm)

CCT (K)*	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	80	BO	6,5W	Spot 16°	480	64	4 895	IPLCIO-N-BO-830-SP
				Medium 23°	475	70	2 690	IPLCIO-N-BO-830-MD
				Wide flood 42°	375	70	795	IPLCIO-N-BO-830-WF

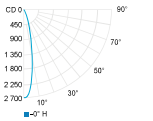
Photometric data for remote luminaire. Load (W) information is for the luminaire without LED driver.
*USE MULTIPLIER TABLE FOR OTHER CCT AND CRI OUTPUT DATA

BO Spot 16° (3000K, 80CRI)



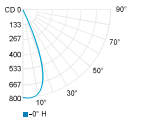
Center beam fc	Beam width ft
2ft 1 224	0,8
4ft 306	1,1
6ft 136	1,7
8ft 76,5	2,3
10ft 49,0	2,9
12ft 34,0	3,4

BO Medium 23° (3000K, 80CRI)



Center beam fc	Beam width ft
2ft 674	0,8
4ft 168	1,6
6ft 74,8	2,5
8ft 42,1	3,3
10ft 26,9	4,1
12ft 18,7	4,9

BO Wide flood 42° (3000K, 80CRI)



Center beam fc	Beam width ft
2ft 200	1,5
4ft 49,9	3,1
6ft 22,2	4,6
8ft 12,5	6,2
10ft 7,98	7,7
12ft 5,54	9,2

CCT options	2700K	3000K	4000K
CRI options	80CRI	80CRI	80CRI
Multiplier	**0.97**	**1**	**1.03**

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STUDIO ATOMIC

STUDIO ATOMIC

EXT5

PALCO INOUT

LED

Type:

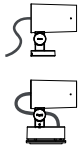
Project :

SPECIFICATION SHEET

PHOTOMETRIC DATA

S - SMALL

Ø3¼" (83mm)

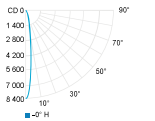


CCT (K)*	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	80	BO	12W	Spot 15°	1 240	103	8 380	IPLCIO-S-BO-830-SP
				Medium 25°	1 310	109	5 770	IPLCIO-S-BO-830-MD
				Wide flood 41°	1 420	118	3 335	IPLCIO-S-BO-830-WF
				Very wide flood 78°	1 510	125	1 120	IPLCIO-S-BO-830-VWF
		HO	15W	Spot 15°	1 550	103	10 475	IPLCIO-S-HO-830-SP
				Medium 25°	1 640	109	7 215	IPLCIO-S-HO-830-MD
				Wide flood 41°	1 775	118	4 165	IPLCIO-S-HO-830-WF
				Very wide flood 78°	1 885	125	1 400	IPLCIO-S-HO-830-VWF

Photometric data for remote luminaire. Load (W) information is for the luminaire without LED driver.

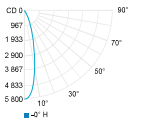
***USE MULTIPLIER TABLE FOR OTHER CCT AND CRI OUTPUT DATA**

BO Spot 15° (3000K, 80CRI)



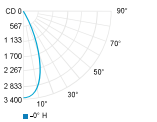
Center beam fc	Beam width ft
2ft 2 095	0,5
4ft 524	1,1
6ft 233	1,6
8ft 131	2,1
10ft 83,8	2,7
12ft 58,2	3,2

BO Medium 25° (3000K, 80CRI)



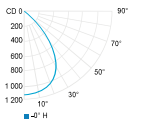
Center beam fc	Beam width ft
2ft 1 444	0,9
4ft 361	1,8
6ft 160	2,7
8ft 90,2	3,6
10ft 57,7	4,5
12ft 40,1	5,4

BO Wide flood 41° (3000K, 80CRI)



Center beam fc	Beam width ft
2ft 834	1,5
4ft 208	2,9
6ft 92,6	4,4
8ft 52,1	5,9
10ft 33,4	7,4
12ft 23,2	8,8

BO Very wide flood 78° (3000K, 80CRI)



Center beam fc	Beam width ft
2ft 281	3,2
4ft 70,1	6,4
6ft 31,2	9,6
8ft 17,5	12,9
10ft 11,2	16,1
12ft 7,79	19,3

CCT options	2700K	3000K	4000K
CRI options	80CRI	80CRI	80CRI
Multiplier	**0.97**	**1**	**1.03**

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iGuzzini NORTH AMERICA

PALCO INOUT

LED

Type:

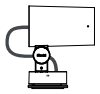
Project :

SPECIFICATION SHEET

PHOTOMETRIC DATA

M - MEDIUM

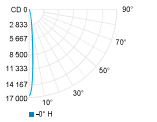
Ø4 11/16" (119mm)



CCT (K)*	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	80	HE	14W	Spot 14°	1 435	102	16 255	IPLCIO-M-HE-830-SP
				Medium 25°	1 380	98	6 265	IPLCIO-M-HE-830-MD
		BO	16W	Wide flood 47°	1 495	93	2 740	IPLCIO-M-BO-830-WF
				Very wide flood 75°	1 720	107	1 230	IPLCIO-M-BO-830-VWF
		HO	18.5W	Spot 14°	1 755	94	19 870	IPLCIO-M-HO-830-SP
				Medium 25°	1 690	91	7 660	IPLCIO-M-HO-830-MD
		VHO	28W	Wide flood 47°	2 225	79	4 075	IPLCIO-M-VHO-830-WF
				Very wide flood 75°	2 560	91	1 830	IPLCIO-M-VHO-830-VWF

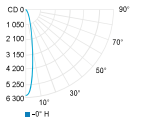
***USE MULTIPLIER TABLE BELOW FOR OTHER CCT AND CRI OUTPUT DATA**

HE Spot 14° (3000K, 80CRI)



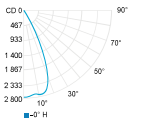
Center beam fc	Beam width ft
2ft 4 065	0,5
4ft 1 016	0,9
6ft 452	1,4
8ft 254	1,9
10ft 163	2,4
12ft 113	2,8

HE Medium 25° (3000K, 80CRI)



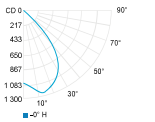
Center beam fc	Beam width ft
2ft 1 567	0,9
4ft 392	1,8
6ft 174	2,6
8ft 97,9	3,5
10ft 62,7	4,4
12ft 43,5	5,3

BO Wide flood 47° (3000K, 80CRI)



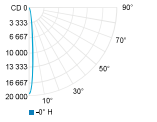
Center beam fc	Beam width ft
2ft 685	1,7
4ft 171	3,5
6ft 76,1	5,2
8ft 42,8	6,9
10ft 27,4	8,7
12ft 19,0	10,4

BO Very wide flood 75° (3000K, 80CRI)



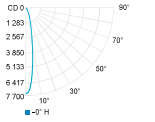
Center beam fc	Beam width ft
2ft 267	3,1
4ft 66,8	6,2
6ft 29,7	9,3
8ft 16,7	12,4
10ft 10,7	15,5
12ft 7,42	18,6

HO Spot 14° (3000K, 80CRI)



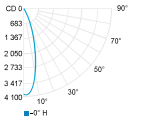
Center beam fc	Beam width ft
2ft 4 968	0,5
4ft 1 242	0,9
6ft 552	1,4
8ft 311	1,9
10ft 119	2,4
12ft 138	2,8

Ho Medium 25° (3000K, 80CRI)



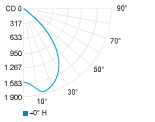
Center beam fc	Beam width ft
2ft 1 915	0,9
4ft 479	1,8
6ft 213	2,6
8ft 120	3,5
10ft 76,6	4,4
12ft 53,2	5,3

VHO Wide flood 47° (3000K, 80CRI)



Center beam fc	Beam width ft
2ft 1 019	1,7
4ft 255	3,5
6ft 113	5,2
8ft 63,7	6,9
10ft 40,8	8,7
12ft 28,3	10,4

VHO Very wide flood 75° (3000K, 80CRI)



Center beam fc	Beam width ft
2ft 397	3,1
4ft 99,3	6,2
6ft 44,1	9,3
8ft 24,8	12,4
10ft 15,9	15,5
12ft 11,0	18,6

CCT options	2700K	3000K	4000K
CRI options	80CRI	80CRI	80CRI
Multiplier	**0.97**	**1**	**1.03**

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iGuzzini NORTH AMERICA

STUDIO ATOMIC

STUDIO ATOMIC

EXT5

PALCO INOUT

LED

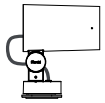
Type:

Project :

SPECIFICATION SHEET

PHOTOMETRIC DATA

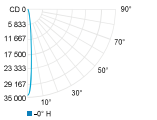
L - LARGE
Ø5⅝" (137mm)



CCT (K)*	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	80	HE	17W	Spot 9°	1 310	77	34 510	IPLCIO-L-HE-830-SP
		BO	20W	Medium 18°	2 090	104	13 845	IPLCIO-L-BO-830-MD
				Flood 28°	2 090	104	7 700	IPLCIO-L-BO-830-FL
		HO	26.5W	Medium 18°	2 600	98	17 245	IPLCIO-L-HO-830-MD
				Flood 28°	2 600	98	9 590	IPLCIO-L-HO-830-FL
		VHO	32W	Wide flood 41°	3 000	93	6 300	IPLCIO-L-VHO-830-WF
				Very wide flood 79°	3 415	106	2 605	IPLCIO-L-VHO-830-VWF

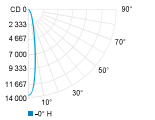
*USE MULTIPLIER TABLE BELOW FOR OTHER CCT AND CRI OUTPUT DATA

HE Spot 9° (3000K, 80CRI)



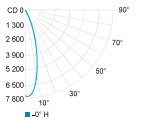
Center beam fc	Beam width ft
8 628	0,3
2 157	0,7
959	1,0
539	1,3
345	1,7
240	2,0

BO Medium 18° (3000K, 80CRI)



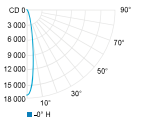
Center beam fc	Beam width ft
3 462	0,6
866	1,2
385	1,8
216	2,5
138	3,1
96,2	3,7

BO Flood 28° (3000K, 80CRI)



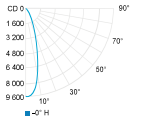
Center beam fc	Beam width ft
1 926	1,0
481	2,0
214	3,0
120	4,1
77,0	5,1
53,5	6,1

HO Medium 18° (3000K, 80CRI)



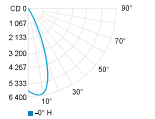
Center beam fc	Beam width ft
4 312	0,8
1 078	1,2
479	1,8
269	2,5
172	3,1
120	3,7

HO Flood 28° (3000K, 80CRI)



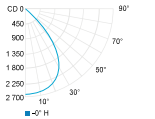
Center beam fc	Beam width ft
2 398	1,0
600	2,0
266	3,0
150	4,1
95,9	5,1
66,6	6,1

VHO Wide flood 41° (3000K, 80CRI)



Center beam fc	Beam width ft
1 493	1,5
373	3,0
166	4,5
93,3	5,9
59,7	7,4
41,5	8,9

VHO Very wide flood 79° (3000K, 80CRI)



Center beam fc	Beam width ft
652	3,3
163	6,6
72,4	10,0
40,7	13,3
26,1	16,6
18,1	19,9

CCT options	3000K	4000K
CRI options	80CRI	80CRI
Multiplier	**1**	**1.03**

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iGuzzini NORTH AMERICA

PALCO INOUT

LED

Type:

Project :

SPECIFICATION SHEET

ACCESSORIES (TO BE ORDERED SEPARATELY)

For the installation consult the instruction sheet.

RESET INFO

ACCESSORIES			C - MICRO Ø1⅛" (30mm)	N - MINI Ø2" (49mm)	S - SMALL Ø3¼" (83mm)	M - MEDIUM Ø4⅞" (119mm)	L - LARGE Ø5⅝" (137mm)
Support frame	Refractor for elliptical distribution	MAX 2 ACC.	X259 ☐	X260 ☐	X261 ☐	X262 ☐	X310 ☐
	Diffuser lens		X263 ☐	X264 ☐	X265 ☐	X266 ☐	X312 ☐
C - MICRO Ø1⅛" (30mm) ☐ X243	Honeycomb louver		X255 ☐	X256 ☐	X257 ☐	X258 ☐	X308 ☐
N - MINI Ø2" (49mm) ☐ X244	Blade louver (black)	MAX 1 ACC.			X267 ☐	X268 ☐	X314 ☐
S - SMALL Ø3¼ (83mm) ☐ X245	Protective grid					X275 ☐	X318 ☐
M - MEDIUM Ø4⅞" (119mm) ☐ X246 +	Short snoot (black)		X247 ☐ L: 1¾" (40mm)	X248 ☐ L: 2⅛" (55mm)	X249 ☐ L: 2½" (64mm)	X250 ☐ L: 3¹⁵⁄₁₆" (100mm)	X304 ☐ L: 4¾" (118mm)
L - LARGE Ø5⅝" (137mm) ☐ X302	45° Short snoot (black)		X251 ☐ L: 1⅜" (34mm)	X252 ☐ L: 2⅛" (55mm)	X253 ☐ L: 3½" (90mm)	X254 ☐ L: 5⅛" (131mm)	X306 ☐ L: 5¹⁵⁄₁₆" (150mm)
01 - WHITE FINISH ☐	Horizontal directional flap frame (black)					X320 ☐	X321 ☐
15 - GRAY FINISH ☐ +	Directional flap (black)	MAX 4 ACC.				X269 ☐ A: 3" (77mm) B: 4" (101mm)	X316 ☐ A: 3⅝" (91mm) B: 4⅝" (117mm)
	Easy long snoot (black)	MAX 1 ACC.	X539 ☐ L: 2⅜" (61mm)	X540 ☐ L: 2⅝" (55mm)	X541 ☐ L: 4¼" (106mm)	X542 ☐ L: 5¹⁵⁄₁₆" (147mm)	X543 ☐ L: 6¹¹⁄₁₆" (170mm)
	Easy 45° Long snoot (black)		X533 ☐ L: 2½" (64mm)	X534 ☐ L: 3⅜" (87mm)	X535 ☐ L: 5⅛" (137mm)	X536 ☐ L: 7" (178mm)	X537 ☐ L: 7¹⁵⁄₁₆" (201mm)

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iGuzzini NORTH AMERICA

STUDIO ATOMIC

STUDIO ATOMIC

EXT5

PALCO INOUT
LED

Type:
Project :

MOUNTING ACCESSORIES
(TO BE ORDERED SEPERATELY)

RESET MOUNTING

JUNCTION BOX KIT:
Available for remote LED driver models.

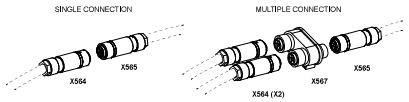
WHITE FINISH
- ☐ **X651-01 -** For palco micro and mini model
- ☐ **X652-01 -** For palco small model

GRAY FINISH
- ☐ **X651-15 -** For palco micro and mini model
- ☐ **X652-15 -** For palco small model

MULTIPLE SUPPORT (GRAY):
Available for medium and Large size.
For installation consult instruction sheet.
- ☐ **6014 -** For 2 floodlights
- ☐ **6015 -** For 3 floodlights

FIXED SPIKE FOR GROUND / GARDEN APPLICATIONS:
- ☐ **X270 -** For palco micro and mini model 14" (355mm)
- ☐ **X271 -** For palco small model 14" (355mm)
- ☐ **X272 -** For palco medium model 14" (355mm)

WATERPROOF CONNECTOR (IP68):
- ☐ **X564 -** Male connector
  *For multiple connection, order 2 male connectors
- ☐ **X565 -** Female connector
- ☐ **X567 -** Male / female connector

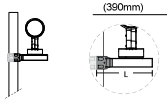


POLE-MOUNTED ACCESSORIES
(TO BE ORDERED SEPARATELY)
Available for medium and Large size.
For installation consult instruction sheet.

INSTALLATION ON POLES WITH ARMS
Pole ø: 4" (102mm)

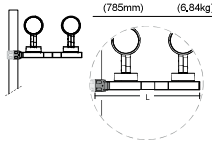
	Length	weight	EPA
Arm for 1/2 floodlights	1' 3" ¾ (390mm)	7,83lbs (3,55kg)	0,31p² (0,029m²)

☐ **X412**



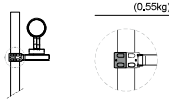
	Length	weight	EPA
Arm for 2/4 floodlights	2' 6" ¼ (785mm)	15,08lbs (6,84kg)	0,52p² (0,048m²)

☐ **X414**



	weight	EPA
Counter flange	1,21lbs (0,55kg)	0,06p² (0,006m²)

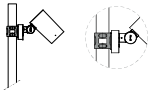
☐ **6118**



INSTALLATION ON POLES WITH FLANGES
Pole ø: 4" (102mm)

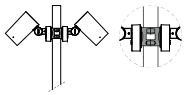
	weight	EPA
Flange for 1 floodlight	3,97lbs (1,80kg)	0,23p² (0,021m²)

☐ **X417**



	weight	EPA
Flange for 2 floodlights	3,97lbs (1,80kg)	0,23p² (0,021m²)

☐ **X419**



MODELS	EPA
M - Medium Ø4 1/16" (119mm)	0,65p² (0,06m²)
L - Large Ø5 3/16" (137mm)	0,75p² (0,07m²)

PALCO INOUT
LED

Type:
Project :

ORDERING INFO

IPLCIO - - - - - - -
FIXTURE

RESET INFO

MODEL
- ☐ **C -** Micro Ø1 3/16" (30mm)
- ☐ **N -** Mini Ø2" (49mm)
- ☐ **S -** Small Ø3 1/4" (83mm)
- ☐ **M -** Medium 4 1/16" (119mm)
- ☐ **L -** Large Ø5 3/16" (137mm)

OUTPUT
- ☐ **HE -** High efficiency[1][5]
- ☐ **BO -** Base output[5]
- ☐ **HO -** High output[2][6]
- ☐ **VHO -** Very high output[1][6][8]

LED
- ☐ **827 -** 2700K, 80CRI[3]
- ☐ **830 -** 3000K, 80CRI
- ☐ **840 -** 4000K, 80CRI

OPTIC
- ☐ **SP -** Spot
  - micro (14°)
  - mini (16°)
  - small (15°)
  - medium (14°)
  - large (9°)
- ☐ **MD -** Medium
  - micro (25°)
  - mini (23°)
  - small (25°)
  - medium (25°)
  - large (18°)
- ☐ **FL -** Flood
  - large (28°)
- ☐ **WF -** Wide flood
  - mini (42°)
  - small (41°)
  - medium (47°)
  - large (41°)
- ☐ **VWF -** Very wide flood
  - small (78°)
  - medium (75°)
  - large (79°)

VOLTAGE
- ☐ **UNV -** 120-277V
- ☐ **REM -** Remote[4]

FINISH
- ☐ **01 -** White
- ☐ **15 -** Gray

DIMMING[7]
- ☐ **D10 -** 0-10V (down to 10%)

[1]Available for medium (**M**) and large (**L**) models.
[2]Available for small (**S**), medium (**M**) and large (**L**) models.
[3]Available for micro (**C**), mini (**N**), small (**S**) and medium (**M**) models.
[4]Available for micro (**C**), mini (**N**) and small (**S**) models.
[5] The operating temperature range is -30°C to 50°C.
[6] The operating temperature range is -30°C to 35°C.
[7] The dimming levels will vary depending on the dimmer used and the number of luminaires on the line.

STUDIO ATOMIC

STUDIO ATOMIC

EXT5

PALCO INOUT
LED

Type: **SPECIFICATION SHEET**
Project :

REMOTE LED DRIVER OPTIONS
(TO BE ORDERED SEPARATELY)

PALCO IN OUT MICRO : IPLCIO-C-BO-XXX-XX-XXX-XX							2,5W*
Watts	Voltage	Rated	Dimming protocol	Dimming range	Dimensions	Max distance**	Min-max units
☐	**4443-0850-017-120-D3**						3-6
17	120V	Indoor	Lutron Hi Lume® 1% 2-wire (120V forward phase only)	Down to ±1%	5" x 4" x 3" (127 x 102 x 76mm)	30ft(9m)	
☐	**4549-0850-017-120-D3**						3-6
17	120V	Outdoor	Lutron Hi Lume® 1% 2-wire (120V forward phase only)	Down to ±1%	14,5" x 5" x 3,5" (368 x 127 x 89mm)	30ft(9m)	
☐	**4445-0850-022-120-LTE**						7-8
22	120V	Indoor	Leading and trailing edge (ELV and TRIAC)	Down to ±5%	6" x 6" x 3" (152 x 152 x 76mm)	30ft(9m)	
☐	**4548-0850-024-UNV-D10**						4-9
24	120-277V	Outdoor	0-10V	Down to ±10%	6" x 4,5" x 3" (152 x 114 x 76mm)	30ft(9m)	
☐	**4548-0850-026-120-LTE**						6-10
26	120V	Outdoor	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4,5" x 3" (152 x 114 x 76mm)	30ft(9m)	
☐	**4450-0850-030-UNV-ED10**						1-11
30	120-277V	Indoor	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
☐	**4549-0850-030-UNV-ED10**						1-11
30	120-277V	Outdoor	0-10V ELDOLED ECOdrive	Down to ±1%	14,5" x 5" x 3,5" (368 x 127 x 89mm)	118ft(36m)	
☐	**4450-0850-030-UNV-SD10**						1-11
30	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0,1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
☐	**4549-0850-030-UNV-SD10**						1-11
30	120-277V	Outdoor	0-10V ELDOLED SOLOdrive	Down to ±0,1%	14,5" x 5" x 3,5" (368 x 127 x 89mm)	118ft(36m)	
☐	**4450-0850-040-UNV-D10**						4-15
40	120-277V	Indoor	0-10V	Down to ±10%	8" x 8" x 4" (203 x 203 x 102mm)	30ft(9m)	
☐	**4450-0850-046-UNV-ED10**						1-18
46	120-277V	Indoor	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
☐	**4549-0850-046-UNV-ED10**						1-18
46	120-277V	Outdoor	0-10V ELDOLED ECOdrive	Down to ±1%	14,5" x 5" x 3,5" (368 x 127 x 89mm)	118ft(36m)	
☐	**4450-0850-050-UNV-SD10**						1-20
50	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0,1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
☐	**4549-0850-050-UNV-SD10**						1-20
50	120-277V	Outdoor	0-10V ELDOLED SOLOdrive	Down to ±0,1%	14,5" x 5" x 3,5" (368 x 127 x 89mm)	118ft(36m)	

* Wattage requirement for one (1) fixture (Remote fixture only).
**Calculated for 16AWG cable. Contact factory for longer remote distance.

PALCO INOUT
LED

Type: **SPECIFICATION SHEET**
Project :

REMOTE LED DRIVER OPTIONS
(TO BE ORDERED SEPARATELY)

PALCO IN OUT MINI: IPLCIO-N-BO-XXX-XX-XXX-XX							6,5W*
Watts	Voltage	Rated	Dimming protocol	Dimming range	Dimensions	Max distance**	Min-max units
☐	**4443-0550-011-120-D3**						1
11	120V	Indoor	Lutron Hi Lume® 1% 2-wire (120V forward phase only)	Down to ±1%	5" x 4" x 3" (127 x 102 x 76mm)	30ft(9m)	
☐	**4549-0550-011-120-D3**						1
11	120V	Outdoor	Lutron Hi Lume® 1% 2-wire (120V forward phase only)	Down to ±1%	14,5" x 5" x 3,5" (368 x 127 x 89mm)	30ft(9m)	
☐	**4548-0500-012-120-LTE**						1-2
12	120V	Outdoor	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4,5" x 3" (152 x 114 x 76mm)	30ft(9m)	
☐	**4548-0500-020-UNV-D10**						2-3
20	120-277V	Outdoor	0-10V	Down to ±10%	6" x 4,5" x 3" (152 x 114 x 76mm)	30ft(9m)	
☐	**4444-0550-025-120-LTE**						2-3
25	120V	Indoor	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4" x 3" (152 x 102 x 76mm)	30ft(9m)	
☐	**4548-0500-025-120-LTE**						2-4
25	120V	Outdoor	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4,5" x 3" (152 x 114 x 76mm)	30ft(9m)	
☐	**4450-0550-030-UNV-ED10**						1-4
30	120-277V	Indoor	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
☐	**4549-0550-030-UNV-ED10**						1-4
30	120-277V	Outdoor	0-10V ELDOLED ECOdrive	Down to ±1%	14,5" x 5" x 3,5" (368 x 127 x 89mm)	118ft(36m)	
☐	**4450-0550-030-UNV-SD10**						1-4
30	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0,1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
☐	**4549-0550-030-UNV-SD10**						1-4
30	120-277V	Outdoor	0-10V ELDOLED SOLOdrive	Down to ±0,1%	14,5" x 5" x 3,5" (368 x 127 x 89mm)	118ft(36m)	
☐	**4450-0550-030-UNV-D10**						1-4
30	120-277V	Indoor	0-10V	Down to ±10%	8" x 8" x 4" (203 x 203 x 102mm)	30ft(9m)	
☐	**4450-0550-050-UNV-SD10**						1-7
50	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0,1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
☐	**4549-0550-050-UNV-SD10**						1-7
50	120-277V	Outdoor	0-10V ELDOLED SOLOdrive	Down to ±0,1%	14,5" x 5" x 3,5" (368 x 127 x 89mm)	118ft(36m)	

* Wattage requirement for one (1) fixture (Remote fixture only).
**Calculated for 16AWG cable. Contact factory for longer remote distance.

JP - R1 Last update: August 02, 2021
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STUDIO ATOMIC

EXT5

PALCO INOUT
LED

Type: **SPECIFICATION SHEET**
Project :

REMOTE LED DRIVER OPTIONS
(TO BE ORDERED SEPARATELY)

PALCO IN OUT SMALL: IPLCIO-S-BO-XXX-XX-XXX-XX							12W*
Watts	Voltage	Rated	Dimming protocol	Dimming range	Dimensions	Max distance**	Min-max units
☐	4443-0350-013-120-D3						1
13	120V	Indoor	Lutron Hi Lume® 1% 2-wire (120V forward phase only)	Down to ±1%	5" x 4" x 3" (127 x 102 x 76mm)	30ft(9m)	
☐	4444-0350-015-120-LTE						1
15	120V	Indoor	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4" x 3" (152 x 102 x 76mm)	30ft(9m)	
☐	4548-0350-017-UNV-D10						1
17	120-277V	Outdoor	0-10V	Down to ±10%	6" x 4,5" x 3" (152 x 114 x 76mm)	30ft(9m)	
☐	4450-0350-019-UNV-ED10						1
19	120-277V	Indoor	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
☐	4549-0350-019-UNV-ED10						1
19	120-277V	Outdoor	0-10V ELDOLED ECOdrive	Down to ±1%	14,5" x 5" x 3,5" (368 x 127 x 89mm)	118ft(36m)	
☐	4450-0350-019-UNV-SD10						1
19	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
☐	4549-0350-019-UNV-SD10						1
19	120-277V	Outdoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	14,5" x 5" x 3,5" (368 x 127 x 89mm)	118ft(36m)	
☐	4450-0350-019-UNV-D10						1
19	120-277V	Indoor	0-10V	Down to ±10%	8" x 8" x 4" (203 x 203 x 102mm)	30ft(9m)	
☐	4548-0350-022-120-LTE						1
22	120V	Outdoor	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4,5" x 3" (152 x 114 x 76mm)	30ft(9m)	
☐	4450-0350-033-UNV-D10						1-2
33	120-277V	Indoor	0-10V	Down to ±10%	8" x 8" x 4" (203 x 203 x 102mm)	30ft(9m)	
☐	4450-0350-038-UNV-SD10						1-2
38	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
☐	4549-0350-038-UNV-SD10						1-2
38	120-277V	Outdoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	14,5" x 5" x 3,5" (368 x 127 x 89mm)	118ft(36m)	

* Wattage requirement for one (1) fixture (Remote fixture only).
**Calculated for 16AWG cable. Contact factory for longer remote distance.

PALCO INOUT
LED

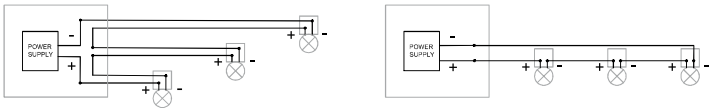
Type: **SPECIFICATION SHEET**
Project :

REMOTE LED DRIVER OPTIONS
(TO BE ORDERED SEPARATELY)

PALCO IN OUT SMALL: IPLCIO-S-HO-XXX-XX-XXX-XX							15W*
Watts	Voltage	Rated	Dimming protocol	Dimming range	Dimensions	Max distance**	Min-max units
☐	4443-0450-017-120-D3						1
17	120V	Indoor	Lutron Hi Lume® 1% 2-wire (120V forward phase only)	Down to ±1%	5" x 4" x 3" (127 x 102 x 76mm)	30ft(9m)	
☐	4549-0450-017-120-D3						1
17	120V	Indoor	Lutron Hi Lume® 1% 2-wire (120V forward phase only)	Down to ±1%	5" x 4" x 3" (127 x 102 x 76mm)	30ft(9m)	
☐	4445-0425-017-120-LTE						1
17	120V	Indoor	Leading and trailing edge (ELV and TRIAC)	Down to ±5%	6" x 6" x 3" (152 x 152 x 76mm)	30ft(9m)	
☐	4450-0450-024-UNV-D10						1
24	120-277V	Indoor	0-10V	Down to ±10%	8" x 8" x 4" (203 x 203 x 102mm)	30ft(9m)	
☐	4450-0450-024-UNV-ED10						1
24	120-277V	Indoor	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
☐	4549-0450-024-UNV-ED10						1
24	120-277V	Outdoor	0-10V ELDOLED ECOdrive	Down to ±1%	14,5" x 5" x 3,5" (368 x 127 x 89mm)	118ft(36m)	
☐	4450-0450-024-UNV-SD10						1
24	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
☐	4549-0450-024-UNV-SD10						1
24	120-277V	Outdoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	14,5" x 5" x 3,5" (368 x 127 x 89mm)	118ft(36m)	
☐	4450-0450-049-UNV-SD10						1-2
49	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
☐	4549-0450-049-UNV-SD10						1-2
49	120-277V	Outdoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	14,5" x 5" x 3,5" (368 x 127 x 89mm)	118ft(36m)	

* Wattage requirement for one (1) fixture (Remote fixture only).
**Calculated for 16AWG cable. Contact factory for longer remote distance.

WIRING DIAGRAMS
*Multiple luminaires must be connected in series
(home run or fixture chain)



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STUDIO ATOMIC

FLOS OUTDOOR

Fixture Type .....
Job Name .....

Landlord Ground 64

Ground Recessed Designed by Piero Lissoni

Description

The Landlord ground is an IP67 luminaries for ground recessed installation, powered by a 24V remote power supply. Body is anodized, then resined aluminum, external ring in shot-peened stainless steel, encasing the entire control electronics. The Head available in two sizes, ø49 mm, and ø64 mm, with frontal or grazing emission (one, two or four beams).
Frontal emission version are available with spot or medium optic, or with integrated non removable honeycomb, for maximum visual comfort.

Lamp

Lamps Type	LED
Wattage	3.4W
Output Nominal	251lm, 260lm, 270lm
Color Temperature	2700K, 3000k, 4000K
Color rendering	CRI80

Optical

Beam Angle	15°, 25°
Lighting Type	Direct
Light Distribution	Symmetric

Physical

Material	Stainless Steel
Aiming	Fixed
Weight	0.77 Pounds
Ingress Protection Rating	IP67
Finishes	Stainless Steel
Installation type	Ground recessed / Wall recessed
Environment	Outdoor / Wet location

Dimensions

Certifications

c UL us LISTED Class 2

Photometrics

For current IES files please visit architectural.flosusa.com

Warranty

2 years from date of sale.

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EXT6

FLOS OUTDOOR

Fixture Type .....
Job Name .....

Landlord Ground 64

Ground Recessed Designed by Piero Lissoni

Electrical & Control

Input Fixture Voltage	24V
Control	Non Dimmable / Standard 0-10V dimming
Driver	Remote - Class 2
Input Driver Voltage	120 - 277V
Output Driver Voltage	24V

Performance

Maximum delivered output	198
Efficacy	58.2 lm/W

Notes

Recommended connections for in-ground installations with a 2-way terminal block 4-pole IP68 water stop on 24V side. Order separately.

All drivers should be installed in weather resistant enclosures (by others) or indoors. Silicon filled wire-nuts where required, should be used on all line-voltage connections to avoid syphoning moisture to electrical components.

During installation and maintenance avoid scratching or damaging the finish as it may result in premature corrosion of metal surfaces. Avoid cleaning fixtures with corrosive chemicals as it may result in voiding the warranty.

LED fixtures are highly susceptible to failure due to electrical effects from poor connections, and electrical short circuits. These are frequently caused by (a) over-voltage from primary voltage sources, (b) electrostatic discharge from the exterior environment. Ensure that all outdoor fixtures are installed on GFI circuits as required by code, and use proper surge protecting devices to avoid irreversible damages to electrical components.

Dimensions

Certifications

c UL us LISTED Class 2

Photometrics

For current IES files please visit architectural.flosusa.com

Warranty

2 years from date of sale.

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FLOS
OUTDOOR

Fixture Type .....
Job Name .....

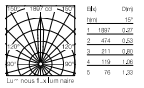
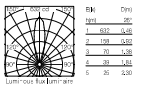
Landlord Ground 64

Ground Recessed Designed by Piero Lissoni

How to specify

F	0	0	4	B	2	1	A	0	0	5
Part Number									Finish	

Landlord Ground Ø64

Part Number	Dimmable	CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Beam Angle	Photometrics
F004B21A005	Non Dimmable	2700	80	251	183	3.4W	15°	
F004B21H005	0-10V PWM dimmable							
F004B31A005	Non Dimmable	3000	80	260	189	3.4W		
F004B31H005	0-10V PWM dimmable							
F004B41A005	Non Dimmable	4000	80	270	198	3.4W		
F004B41H005	0-10V PWM dimmable							
F004B22A005	Non Dimmable	2700	80	251	183	3.4W	25°	
F004B22H005	0-10V PWM dimmable							
F004B32A005	Non Dimmable	3000	80	260	189	3.4W		
F004B32H005	0-10V PWM dimmable							
F004B42A005	Non Dimmable	4000	80	270	198	3.4W		
F004B42H005	0-10V PWM dimmable							

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EXT6

FLOS
OUTDOOR

Fixture Type .....
Job Name .....

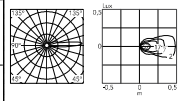
Landlord Ground 64

Ground Recessed Designed by Piero Lissoni

Landlord Ground Ø64 - Honeycomb

Part Number	Dimmable	CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Beam angle	Photometrics
F004B26AU0501	Non Dimmable	2700	80	251	115	3.4W	15°	See photometrics without honeycomb
F004B27AU0502	Non Dimmable				95		25°	
F004B36AU0501	Non Dimmable	3000	80	260	120	3.4W	15°	
F004B37AU0502	Non Dimmable				99		25°	
F004B46AU0501	Non Dimmable	4000	80	270	125	3.4W	15°	
F004B47AU0502	Non Dimmable				103		25°	

Landlord Ground Ø64 - 1 Beam

Part Number	Dimmable	CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Voltage	Photometrics
F004B23A005	Non Dimmable	2700	80	251	11	3.4W	24V	
F004B23H005	0-10V PWM dimmable							
F004B33A005	Non Dimmable	3000	80	260	12	3.4W	24V	
F004B33H005	0-10V PWM dimmable							
F004B43A005	Non Dimmable	4000	80	270	12	3.4W	24V	
F004B43H005	0-10V PWM dimmable							

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FLOS
OUTDOOR

Fixture Type .....
Job Name .....

Landlord Ground 64

Ground Recessed Designed by Piero Lissoni

Landlord Ground Ø64 - 2 Beams

Part Number	Dimmable	CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Voltage	Photometrics
F004B24A005	Non Dimmable	2700	80	251	22	3.4W	24V	
F004B24H005	0-10V PWM dimmable							
F004B34A005	Non Dimmable	3000	80	260	23	3.4W	24V	
F004B34H005	0-10V PWM dimmable							
F004B44A005	Non Dimmable	4000	80	270	24	3.4W	24V	
F004B44H005	0-10V PWM dimmable							

Landlord Ground Ø64 - 4 Beams

Part Number	Dimmable	CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Voltage	Photometrics
F004B25A005	Non Dimmable	2700	80	251	44	3.4W	24V	
F004B25H005	0-10V PWM dimmable							
F004B35A005	Non Dimmable	3000	80	260	46	3.4W	24V	
F004B35H005	0-10V PWM dimmable							
F004B45A005	Non Dimmable	4000	80	270	48	3.4W	24V	
F004B45H005	0-10V PWM dimmable							

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EXT6

FLOS
OUTDOOR

Fixture Type .....
Job Name .....

Landlord Ground 64

Ground Recessed Designed by Piero Lissoni

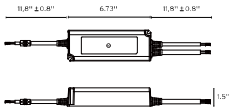
Required Accessories

Box for installation.

Part Number: F004Z0K0000

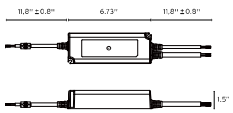
LED power supply source for remote installation, 24V/90W, 120-277V, OUTDOOR IP65
Requires watertight outdoor NEMA rated enclosure(not supplied, by others)

LED90W24V-PWM-B01



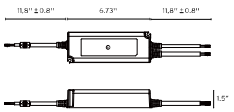
LED power supply source for remote installation, 24V/60W, 120-277V, OUTDOOR IP65
Requires watertight outdoor NEMA rated enclosure(not supplied, by others)

LED60W24V-PWM-B01



LED power supply source for remote installation, 24V/40W, 120-277V, OUTDOOR IP65
Requires watertight outdoor NEMA rated enclosure(not supplied, by others)

LED40W24V-PWM-B01



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EXT7

NOT USED

EXT8

FLOS

Camouflage 140 - Specification Sheet
by Piero Lissoni, 2017

Mounting	Wall
Lamp (Bulb) Description	8W, 786lm, 2700K, CRI80
Environment	Outdoor - Wet location
Dimming	No dimmable
Finish	White
Technical and Product Description	"Recommended connections for in-ground installations with a 2-way terminal block 4-pole IP68 water stop on 24V side. Order separately (by others) All drivers should be installed in weather resistant enclosures (by others) or indoors. Silicon filled wire-nuts, should be used on all line-voltage connections to avoid syphoning moisture to electrical components. Stone finishes are a fiberglass reinforced cement mixture. The primer version is suitable for paint after installation with any water-based exterior paint or stucco. The painted versions are an exterior rated epoxy polyester powder coat finish for superior strength, heat and UV resistance. During installation and maintenance avoid scratching or damaging the finish as it may result in premature corrosion of metal surfaces. Avoid cleaning fixtures with corrosive chemicals as it may result in voiding the warranty. LED fixtures are highly susceptible to failure due to electrical effects from poor connections, and electrical short circuits. These are frequently caused by (a) over-voltage from primary voltage sources, (b) electrostatic discharge from the exterior environment. Ensure that all outdoor fixtures are installed on GFI circuits as required by code, and use proper surge protecting devices to avoid irreversible damages to electrical components."

Electrical

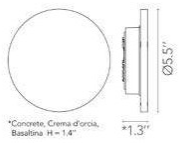
Voltage	120-277
IP Rating	IP65

Physical

Construction Material	Aluminum / Stone
Weight	1.76 lbs

F1310U01-24V White

Dimensional Image



CAMOUFLAGE

Certifications

UL c UL ADA

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