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ARCHITECTURE PLANNING

224 WEST HURON STREET 312.266.1126 CHICAGO, ILLINOIS 60654 FAX: 312.266.7123

INTERIOR DESIGN

Cover & Contents Page
UDC Signage & Lighting Submission
Package

GP001

HUB AT MADISON

Scale: NOTED
October 29, 2014

S:CC - MADISONICADISKETCHES AND STUDIESISIGNAGE & LIGHT MOPSPRO! EXTERIOR ELEVATIONS-SIGNAGE PACI

### The Hub at State Street

Comprehensive Design Review Narrative

The signage and lighting plan for the Hub at State street works to combining residential and commercial signage in an urban context. Set within the vibrant streetscapes of State Street and Frances Street, this project strives to create integrated signage and architecture to activate and enhance the streetscape. This Comprehensive Design Review (CDR) application seeks approval for the following three signage variations and a design modification for signage band modifications to allow signage placements where the building design does not include canopies:

- 1.) Multiple projecting signs and wall signs per tenant
- Primary residential entrance signage size and separation from canopy 2.)
- 3.) Identification signage at fourth floor corner element

### Multiple Projecting Signs and Wall Signs per Tenant

Projecting and wall signs for the project are designed to create symmetry and rhythm to the signage in response to the symmetry of the overall design segments. Through the design approach of creating smaller building "facades" the overall composition focuses on creating variation along the streetscape which breaks the building into multiple discrete building forms. These building forms are then further broken into carefully designed compositions which allow multiple entrances and signage to work in concert to create well designed sub facades.

The composition of the building forms and entrance placement will be reinforced through the placement of multiple signs that could be allocated to one tenant. This flexibility would be reviewed based upon signage submittals by the tenant and would evaluated at time of approval for overall design composition.

Comprehensive Design Review Criteria. The UDC shall apply the following criteria upon review of an application for a Comprehensive Sign Plan:

1. The Sign Plan shall create visual harmony between the signs, building(s), and building site through unique and exceptional use of materials, design, color, any lighting, and other design elements; and shall result in signs of appropriate scale and character to the uses and building(s) on the zoning lot as well as adjacent buildings, structures and uses.

Projecting and wall signs for the project are an integral component of the overall building design. The requested locations are designed to create symmetry and rhythm to the signage in response to the symmetry of the overall design segments. Through the design approach of creating smaller building "facades" the overall composition focuses on creating variation along the streetscape which breaks the building into multiple discrete building forms. These building

forms are then further broken into carefully designed compositions which allow multiple entrances and signage to work in concert to create well designed sub facades.

The design of the signage seeks to combine the overall design elements including lighting and placement to integrate the signage into a unique and vibrant facade overall streetscape.

2. Each element of the Sign Plan shall be found to be necessary due to unique or unusual design aspects in the architecture or limitations in the building site or surrounding environment; except that when a request for an Additional Sign Code Approval under Sec. 31.043(3) is included in the Comprehensive Design Review, the sign(s) eligible for approval under Sec. 31.043(3) shall meet the applicable criteria of Sec. 31.043(3), except that sign approvals that come to Comprehensive Design Review from MXC and EC districts pursuant to 31.13(3) and (7) need not meet the criteria of this paragraph.

The projecting and wall signage placement has been integrated into the overall design of the building and develops the streetscape rhythm and symmetry of the building. The resulting overall composition is strengthened through the placement of multiple projecting banner style and wall signs offering visual accents along the streetscape. The allowance for multiple signs per tenant in keeping with the established rhythm for the design will create the overall design symmetry for the project.

3. The Sign Plan shall not violate any of the stated purposes described in Secs. 31.02(1) and 33.24(2).

The design and placement of the signage proposed for the project meets the criteria outlined in each section. The additional signage will enhance the visibility of the commercial tenants while creating an attractive streetscape and overall building design. Through the integration of the signage placement and the individual building segments this approach avoids clutter, strengthens the overall design approach of the building and streetscape, continues the project's commitment to high quality design, and creates an enhancement to the overall State Street area.

4. All signs must meet minimum construction requirements under Sec. 31.04(5).

The proposed signage will meet the construction requirements of this section, as it relates to section 31.07 Wall, Roof, and above Roof Signs, 31.071 Canopy Signs, and 31.09 Projecting Signs, with the exception requested for multiple projecting signs per tenant.

5. The Sign Plan shall not approve Advertising beyond the restrictions in Sec. 31.11 or Off-Premise Directional Signs beyond the restrictions in Sec. 31.115.

Advertising signage will not be allowed.

6. The Sign Plan shall not be approved if any element of the plan: a. presents a hazard to vehicular or pedestrian traffic on public or private property, b. obstructs views at points of ingress and egress of adjoining properties, c. obstructs or impedes the visibility of existing lawful signs on adjacent property, or d. negatively impacts the visual quality of public or private open space.

**DESIGN REVIEW NARRATIVE-1** SCALE: NTS

ANTUNOVICH ASSOCIATES ARCHITECTURE

**P**LANNING

INTERIOR DESIGN 312.266.1126 UDC Signage & Lighting Submission Package

Design Review Narrative

**GP002** 

Scale: NOTED October 29, 2014

224 WEST HURON STREET Project: FAX: 312.266.7123 CHICAGO, ILLINOIS 60654

**HUB AT MADISON** 

The proposed signage meets all criteria.

7. The Sign Plan may only encompass signs on private property of the zoning lot or building site in question, and shall not approve any signs in the right of way or on public property.

The proposed signage is within the previously approved canopy and signage privilege in streets permit and meets all applicable standards of the approved agreement.

### **Residential Entrance Canopy Signage**

The signage located at the Frances Street residential entrance has been designed to enhance the visibility and strongly denote the lobby location. This sign is designed to hang from the upper canopy and is scaled in response to the two story lobby atrium. The vision glass for the lobby atrium is recessed from the signage placement 10'.

Comprehensive Design Review Criteria. The UDC shall apply the following criteria upon review of an application for a Comprehensive Sign Plan:

1. The Sign Plan shall create visual harmony between the signs, building(s), and building site through unique and exceptional use of materials, design, color, any lighting, and other design elements; and shall result in signs of appropriate scale and character to the uses and building(s) on the zoning lot as well as adjacent buildings, structures and uses.

The signage located at the Frances Street residential entrance has been designed to enhance the visibility and strongly denote the lobby location, in keeping with the overall building design and scale.

2. Each element of the Sign Plan shall be found to be necessary due to unique or unusual design aspects in the architecture or limitations in the building site or surrounding environment; except that when a request for an Additional Sign Code Approval under Sec. 31.043(3) is included in the Comprehensive Design Review, the sign(s) eligible for approval under Sec. 31.043(3) shall meet the applicable criteria of Sec. 31.043(3), except that sign approvals that come to Comprehensive Design Review from MXC and EC districts pursuant to 31.13(3) and (7) need not meet the criteria of this paragraph.

The sign is designed to respond to the overall building design and specifically to the scale and proportion of the two story volume of the lobby atrium and canopy.

3. The Sign Plan shall not violate any of the stated purposes described in Secs. 31.02(1) and 33.24(2).

The design and placement of the signage proposed for the project meets the criteria outlined in each section.

4. All signs must meet minimum construction requirements under Sec. 31.04(5).

The proposed signage will meet the construction requirements of this section, as it relates to section 31.07 (3) Below- Canopy Signage, with the exception requested for the size of the overall sign and allowance for 18" separation from the canopy, both of which set the signage into the proportions of the adjoining atrium.

5. The Sign Plan shall not approve Advertising beyond the restrictions in Sec. 31.11 or Off-Premise Directional Signs beyond the restrictions in Sec. 31.115.

The signage will be limited to the proposed design.

6. The Sign Plan shall not be approved if any element of the plan: a. presents a hazard to vehicular or pedestrian traffic on public or private property, b. obstructs views at points of ingress and egress of adjoining properties, c. obstructs or impedes the visibility of existing lawful signs on adjacent property, or d. negatively impacts the visual quality of public or private open space.

The proposed signage meets all criteria.

7. The Sign Plan may only encompass signs on private property of the zoning lot or building site in question, and shall not approve any signs in the right of way or on public property.

The proposed signage is within the previously approved canopy and signage privilege in streets permit and meets all applicable standards of the approved agreement.

### **Project Identification Signage**

The project identification signage has been integrated into the overall design of the building for aesthetic and visibility purposes. Placement of this sign on the corner allows it to clearly identify the project without competing with the lower level commercial signage while keeping it low enough to retain a relationship with the adjoining streetscapes.

Comprehensive Design Review Criteria. The UDC shall apply the following criteria upon review of an application for a Comprehensive Sign Plan:

1. The Sign Plan shall create visual harmony between the signs, building(s), and building site through unique and exceptional use of materials, design, color, any lighting, and other design elements; and shall result in signs of appropriate scale and character to the uses and building(s) on the zoning lot as well as adjacent buildings, structures and uses.

The project identification signage has been integrated into the overall design of the building as an integral part of the design of the key State & Frances corner element.

2. Each element of the Sign Plan shall be found to be necessary due to unique or unusual design aspects in the architecture or limitations in the building site or surrounding environment; except that when a request for an Additional Sign Code Approval under Sec. 31.043(3) is included in the Comprehensive

1 DESIGN REVIEW NARRATIVE-2
- I - SCALE: NTS

ANTUNOVICH ASSOCIATES

ARCHITECTURE PLANNING INTERIOR DESIGN

224 WEST HURON STREET

CHICAGO, ILLINOIS 60654

PLANNING INTERIOR DESIGN

312.266.1126 FAX: 312.266.7123 Design Review Narrative
UDC Signage & Lighting Submission
Package

GP003

Project: HUB AT MADISON

Scale: NOTED

Design Review, the sign(s) eligible for approval under Sec. 31.043(3) shall meet the applicable criteria of Sec. 31.043(3), except that sign approvals that come to Comprehensive Design Review from MXC and EC districts pursuant to 31.13(3) and (7) need not meet the criteria of this paragraph.

The signage has been integrated into the corner element of the project, consistent with the previous submittals, creating a unique place making element of the project. Located at the fourth floor corner of the building this sign retains a relationship with the adjoining streetscapes and is an integral part of the design of the corner element.

3. The Sign Plan shall not violate any of the stated purposes described in Secs. 31.02(1) and 33.24(2).

The design and placement of the signage proposed for the project meets the criteria outlined in each section and creates a dynamic aesthetic for this prominent corner.

4. All signs must meet minimum construction requirements under Sec. 31.04(5).

The proposed signage will meet the construction requirements of this section and will be lit consistent with the proposed lighting plan.

5. The Sign Plan shall not approve Advertising beyond the restrictions in Sec. 31.11 or Off-Premise Directional Signs beyond the restrictions in Sec. 31.115.

The signage will be limited to the proposed design.

6. The Sign Plan shall not be approved if any element of the plan: a. presents a hazard to vehicular or pedestrian traffic on public or private property, b. obstructs views at points of ingress and egress of adjoining properties, c. obstructs or impedes the visibility of existing lawful signs on adjacent property, or d. negatively impacts the visual quality of public or private open space.

The proposed signage meets all criteria.

7. The Sign Plan may only encompass signs on private property of the zoning lot or building site in question, and shall not approve any signs in the right of way or on public property.

The proposed signage is located on private property.

No real estate signage will be allowed.

All other signage shall comply with the standards set forth in MGO Chapter 31.

Signage Band Narrative

The design modification request is for the placement of a perforated metal band for sign placement in front of the all glass facades where canopy signage or wall mounting is not available. This sign band would create an area for sign placement while maintaining the overall aesthetic of the facade.

DESIGN REVIEW NARRATIVE-3

SCALE: NTS

ANTUNOVICH ASSOCIATES

ARCHITECTURE PLANNING
224 WEST HURON STREET

CHICAGO, ILLINOIS 60654

312.266.1126 FAX: 312.266.7123

INTERIOR DESIGN

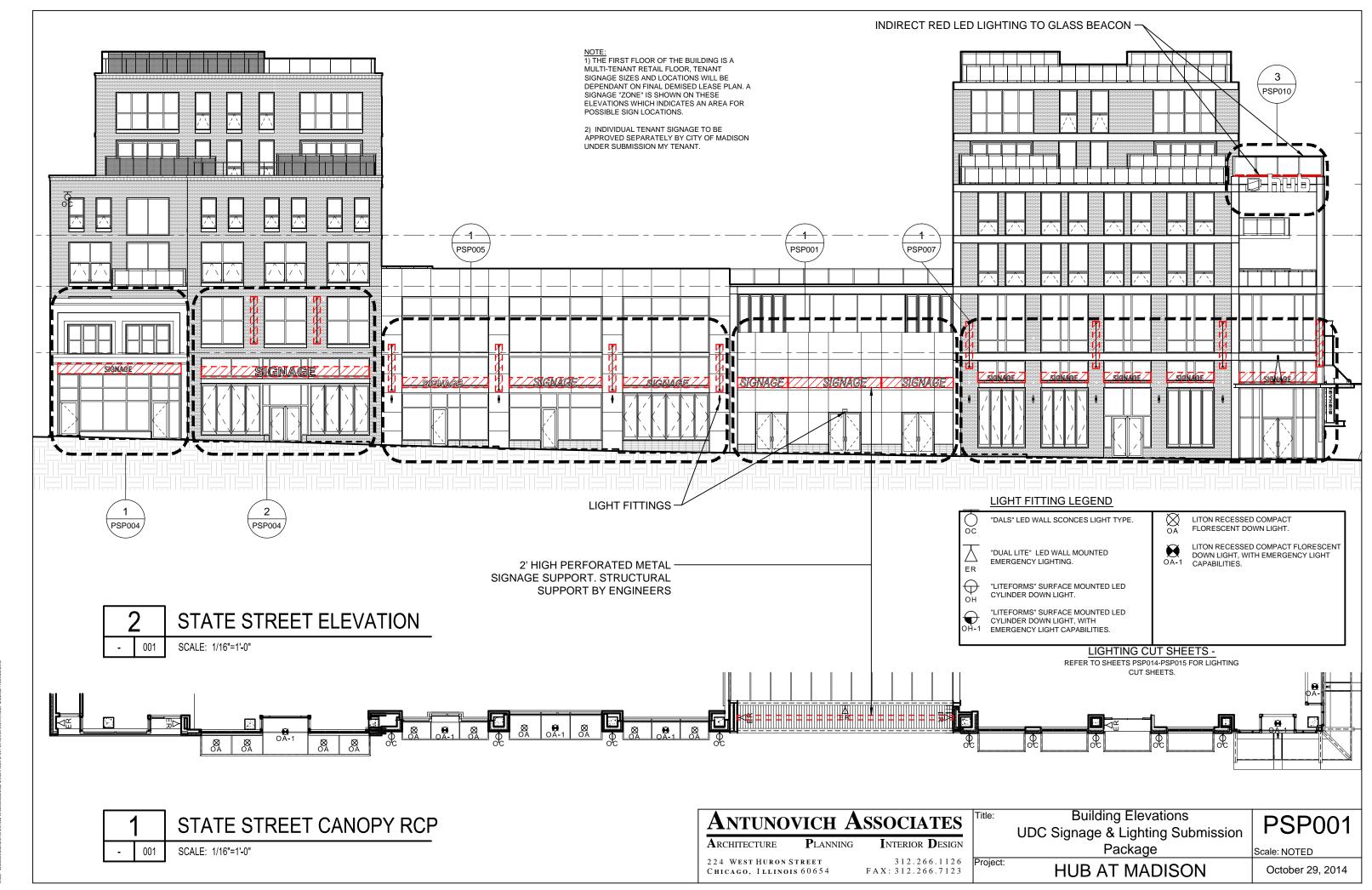
Design Review Narrative
UDC Signage & Lighting Submission
Package

GP004

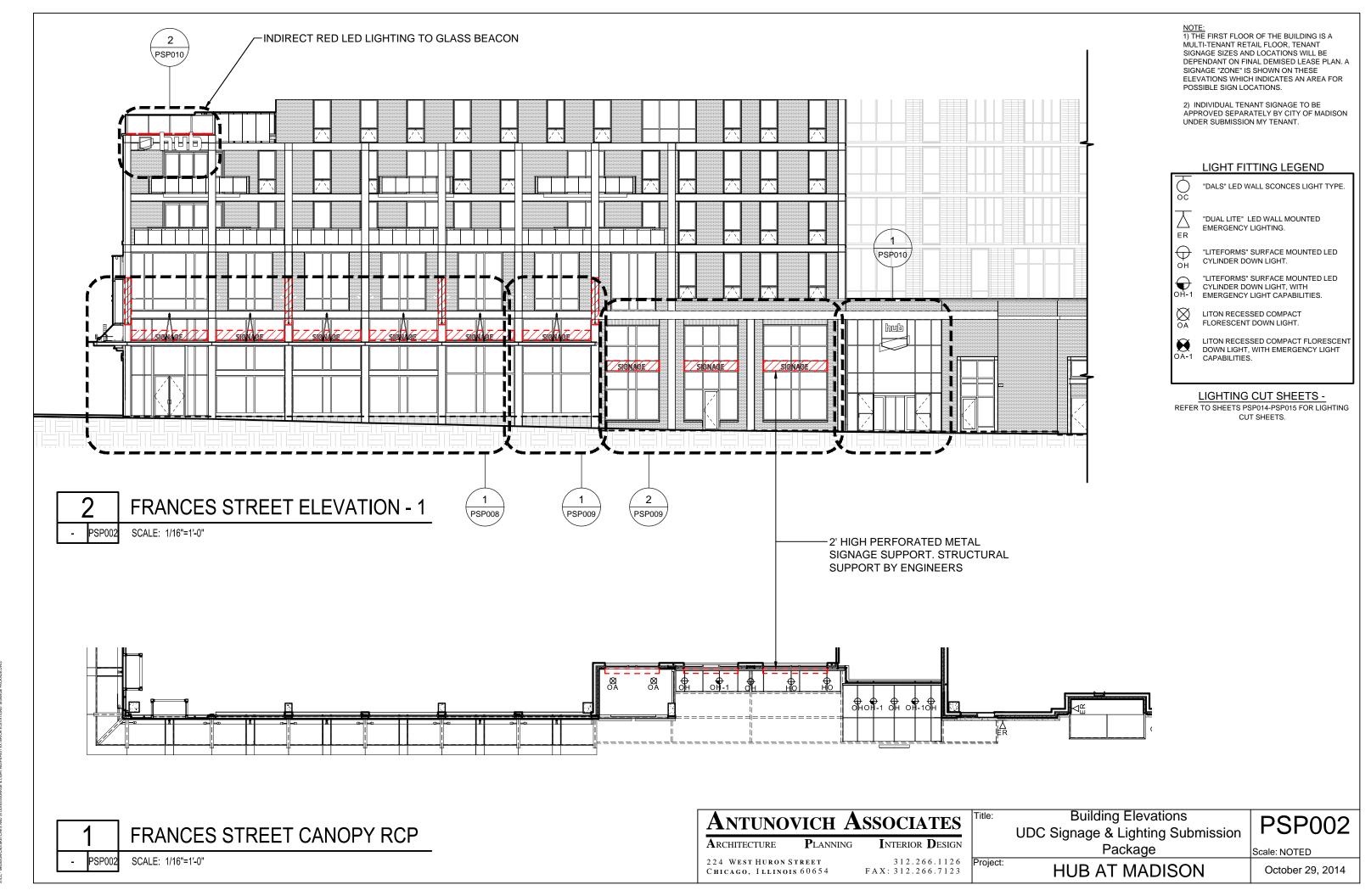
Project: HUB AT MADISON

Scale: NOTED
October 29, 2014

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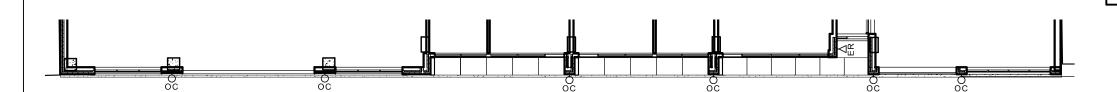


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NOTE:
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2) INDIVIDUAL TENANT SIGNAGE TO BE APPROVED SEPARATELY BY CITY OF MADISON UNDER SUBMISSION MY TENANT.



**GILMAN STREET ELEVATION** SCALE: 1/16"=1'-0"

GILMAN STREET CANOPY RCP SCALE: 1/16"=1'-0"

# PSP013

FRANCES STREET ELEVATION - 2

"DALS" LED WALL SCONCES LIGHT TYPE LITON RECESSED COMPACT FLORESCENT DOWN LIGHT. LITON RECESSED COMPACT FLORESCENT "DUAL LITE" LED WALL MOUNTED DOWN LIGHT, WITH EMERGENCY LIGHT EMERGENCY LIGHTING. CAPABILITIES. ER "LITEFORMS" SURFACE MOUNTED LED CYLINDER DOWN LIGHT. "LITEFORMS" SURFACE MOUNTED LED CYLINDER DOWN LIGHT, WITH EMERGENCY LIGHT CAPABILITIES.

**LIGHTING CUT SHEETS -**REFER TO SHEETS PSP014-PSP015 FOR LIGHTING CUT SHEETS.

LIGHT FITTING LEGEND

SCALE: 1/16"=1'-0"

FRANCES STREET CANOPY RCP - 2 SCALE: 1/16"=1'-0" PSP003

ANTUNOVICH ASSOCIATES

312.266.1126 FAX: 312.266.7123 224 WEST HURON STREET CHICAGO, ILLINOIS 60654

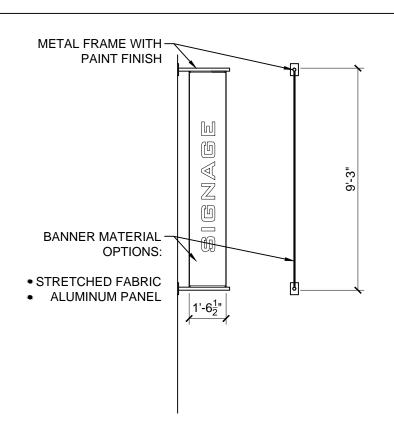
**Building Elevations** UDC Signage & Lighting Submission Package

**PSP003** Scale: NOTED

**HUB AT MADISON** 

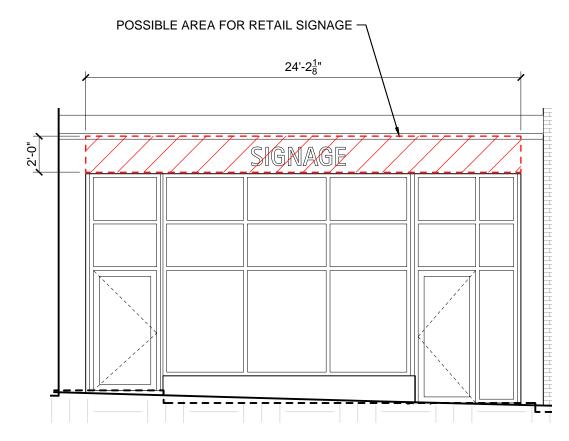
ARCHITECTURE INTERIOR DESIGN **P**LANNING

Project:



3 BANNER SIGNAGE DETAIL

- PSP003 SCALE: 1/4"=1'-0"



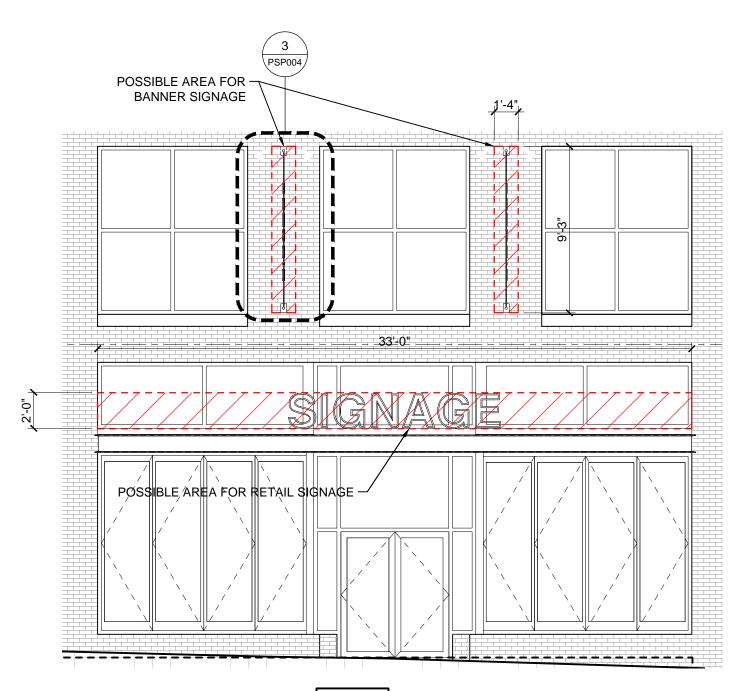
STATE STREET - RETAIL SPACE

SP001 PSP004 SCALE: 3/16"=1'-0"

NOTE:
1) THE FIRST FLOOR OF THE BUILDING IS A MULTI-TENANT RETAIL FLOOR, TENANT SIGNAGE SIZES AND LOCATIONS WILL BE

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2) INDIVIDUAL TENANT SIGNAGE TO BE APPROVED SEPARATELY BY CITY OF MADISON UNDER SUBMISSION MY TENANT.



2 STATE STREET - RETAIL SPACE

PSP001PSP004

Project:

SCALE: 3/16"=1'-0"

ANTUNOVICH ASSOCIATES
ARCHITECTURE PLANNING INTERIOR DESIGN

224 WEST HURON STREET

CHICAGO, ILLINOIS 60654

INTERIOR **D**ESIGN

312.266.1126
FAX: 312.266.7123

Building Elevations
UDC Signage & Lighting Submission
Package

PSP004

Scale: NOTED

HUB AT MADISON October 29, 2014

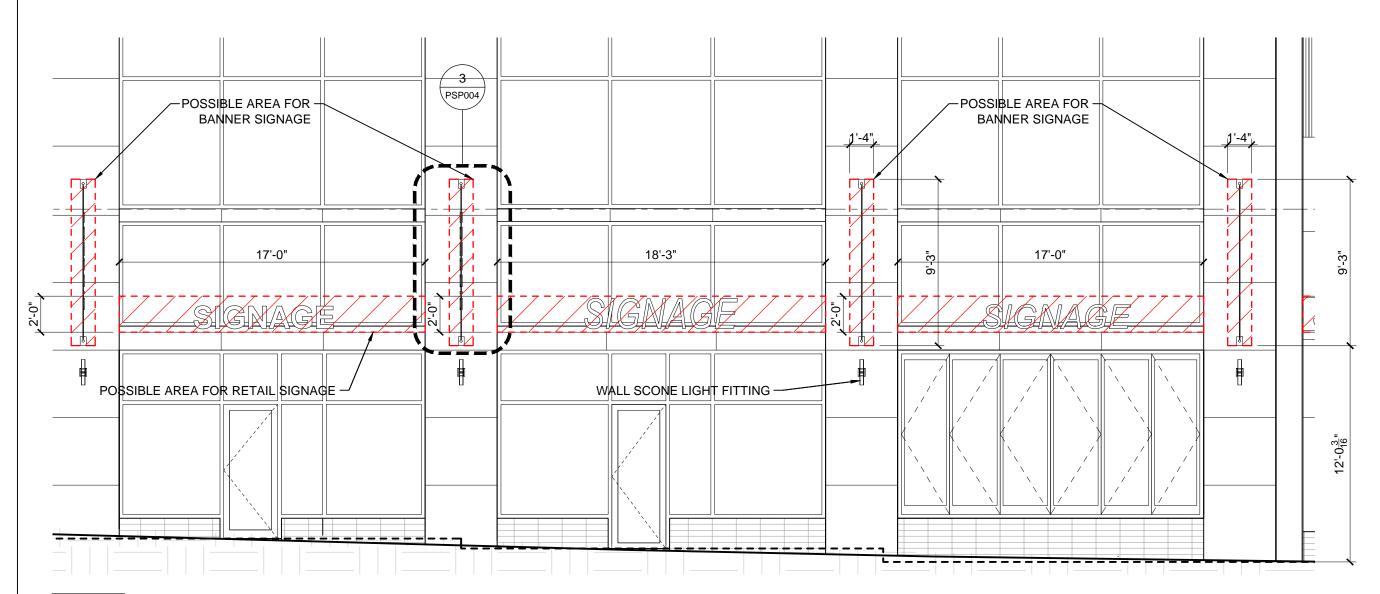
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STATE STREET - RETAIL SPACE

SCALE: 3/16"=1'-0" PSP001 PSP005

ANTUNOVICH ASSOC		SSOCIATES
ARCHITECTURE	PLANNING	INTERIOR DESIGN

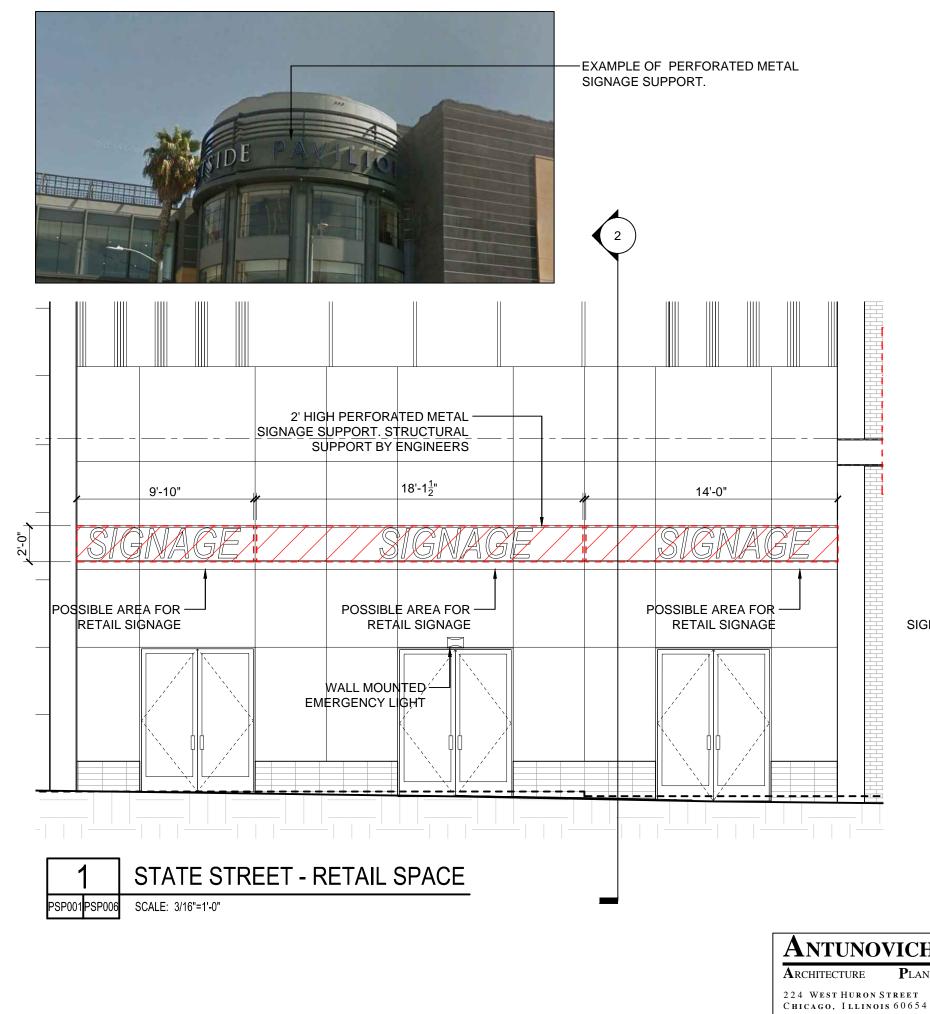
224 WEST HURON STREET CHICAGO, ILLINOIS 60654 312.266.1126 FAX: 312.266.7123 Project:

**Building Elevations** UDC Signage & Lighting Submission Package

**HUB AT MADISON** 

**PSP005** 

Scale: NOTED



NOTE:

1) THE FIRST FLOOR OF THE BUILDING IS A MULTI-TENANT RETAIL FLOOR, TENANT SIGNAGE SIZES AND LOCATIONS WILL BE DEPENDANT ON FINAL DEMISED LEASE PLAN. A SIGNAGE "ZONE" IS SHOWN ON THESE ELEVATIONS WHICH INDICATES AN AREA FOR POSSIBLE SIGN LOCATIONS.

2) INDIVIDUAL TENANT SIGNAGE TO BE APPROVED SEPARATELY BY CITY OF MADISON UNDER SUBMISSION MY TENANT.

2' HIGH PERFORATED METAL SIGNAGE SUPPORT. STRUCTURAL SUPPORT BY ENGINEERS

Antunovich Associates

ARCHITECTURE PLANNING INTERIOR DESIGN
224 WEST HURON STREET 312.266.1126

312.266.1126 FAX: 312.266.7123

PSP006

Building Elevations
UDC Signage & Lighting Submission
Package

**HUB AT MADISON** 

SECTION @ SIGNAGE

SCALE: 3/16"=1'-0"

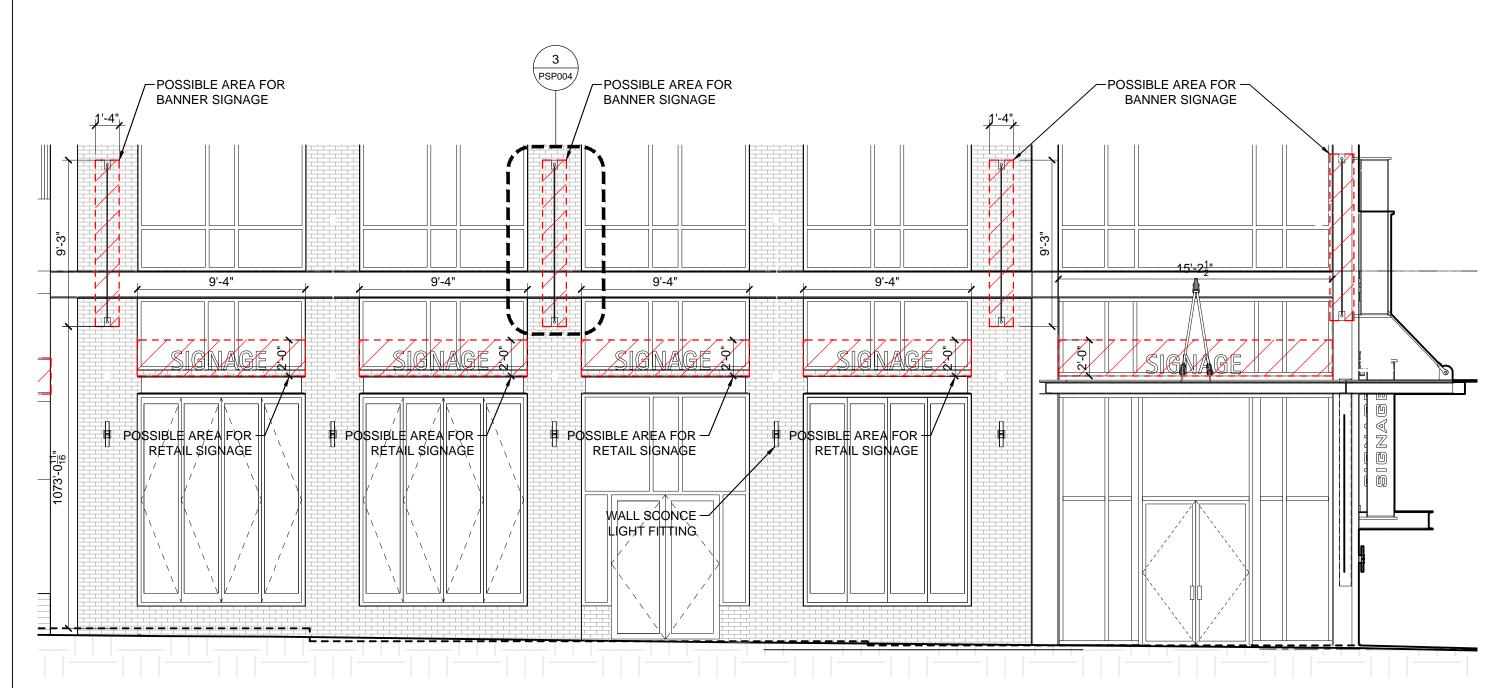
PSP006

Scale: NOTED

NOTE:

1) THE FIRST FLOOR OF THE BUILDING IS A MULTI-TENANT RETAIL FLOOR, TENANT SIGNAGE SIZES AND LOCATIONS WILL BE DEPENDANT ON FINAL DEMISED LEASE PLAN. A SIGNAGE "ZONE" IS SHOWN ON THESE ELEVATIONS WHICH INDICATES AN AREA FOR POSSIBLE SIGN LOCATIONS.

2) INDIVIDUAL TENANT SIGNAGE TO BE APPROVED SEPARATELY BY CITY OF MADISON UNDER SUBMISSION MY TENANT.



1 STATE STREET - RETAIL SPACE
PSP001 PSP007 SCALE: 3/16"=1'-0"

ANTUNO	Antunovich Associates		
ARCHITECTURE	<b>P</b> LANNING	INTERIOR DESIGN	

ARCHITECTURE PLANNI
224 WEST HURON STREET
CHICAGO, ILLINOIS 60654

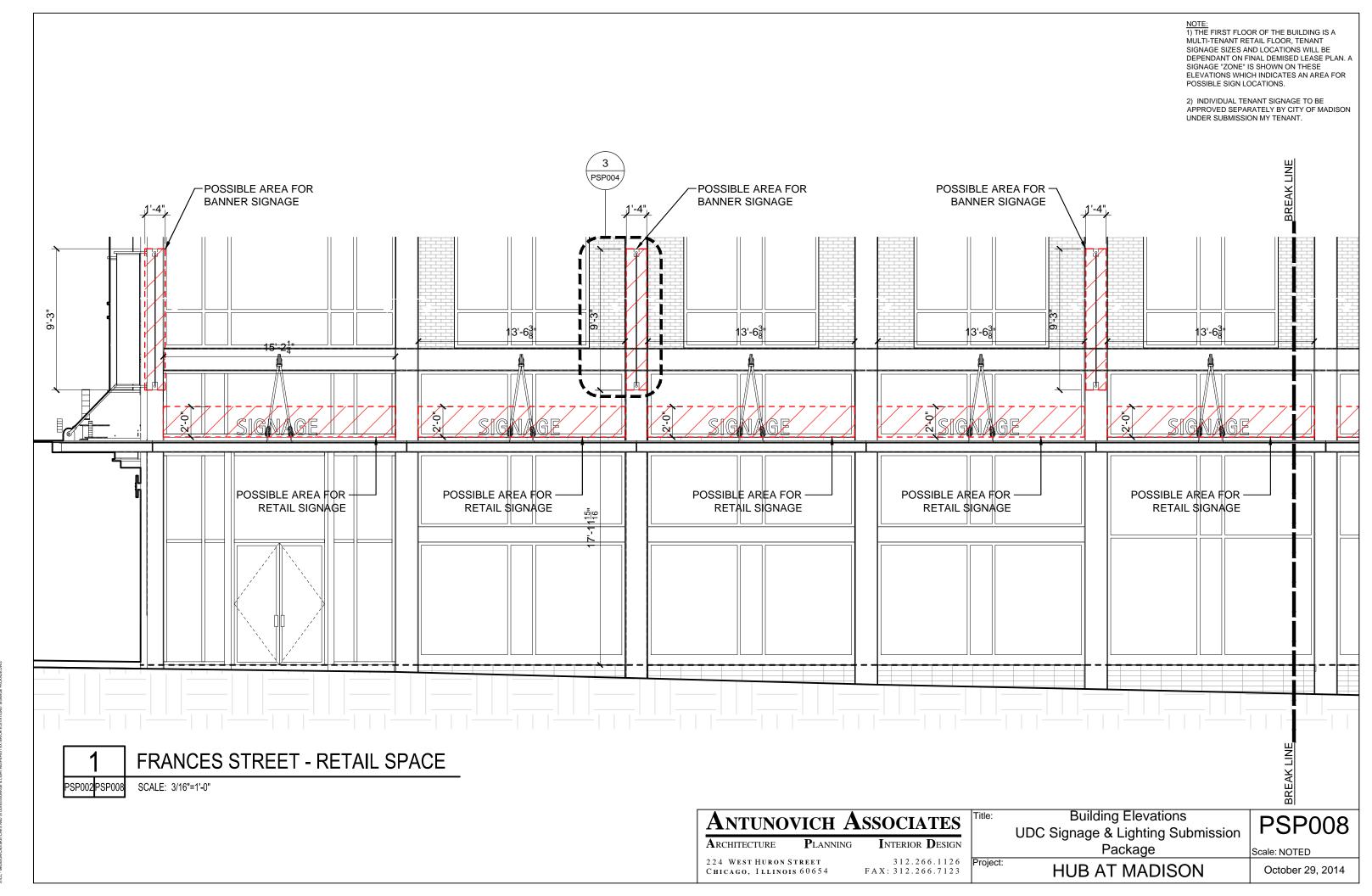
312.266.1126 FAX: 312.266.7123

Title: Building Elevations
UDC Signage & Lighting Submission
Package

PSP007
Scale: NOTED

October 2

HUB AT MADISON October 29, 2014



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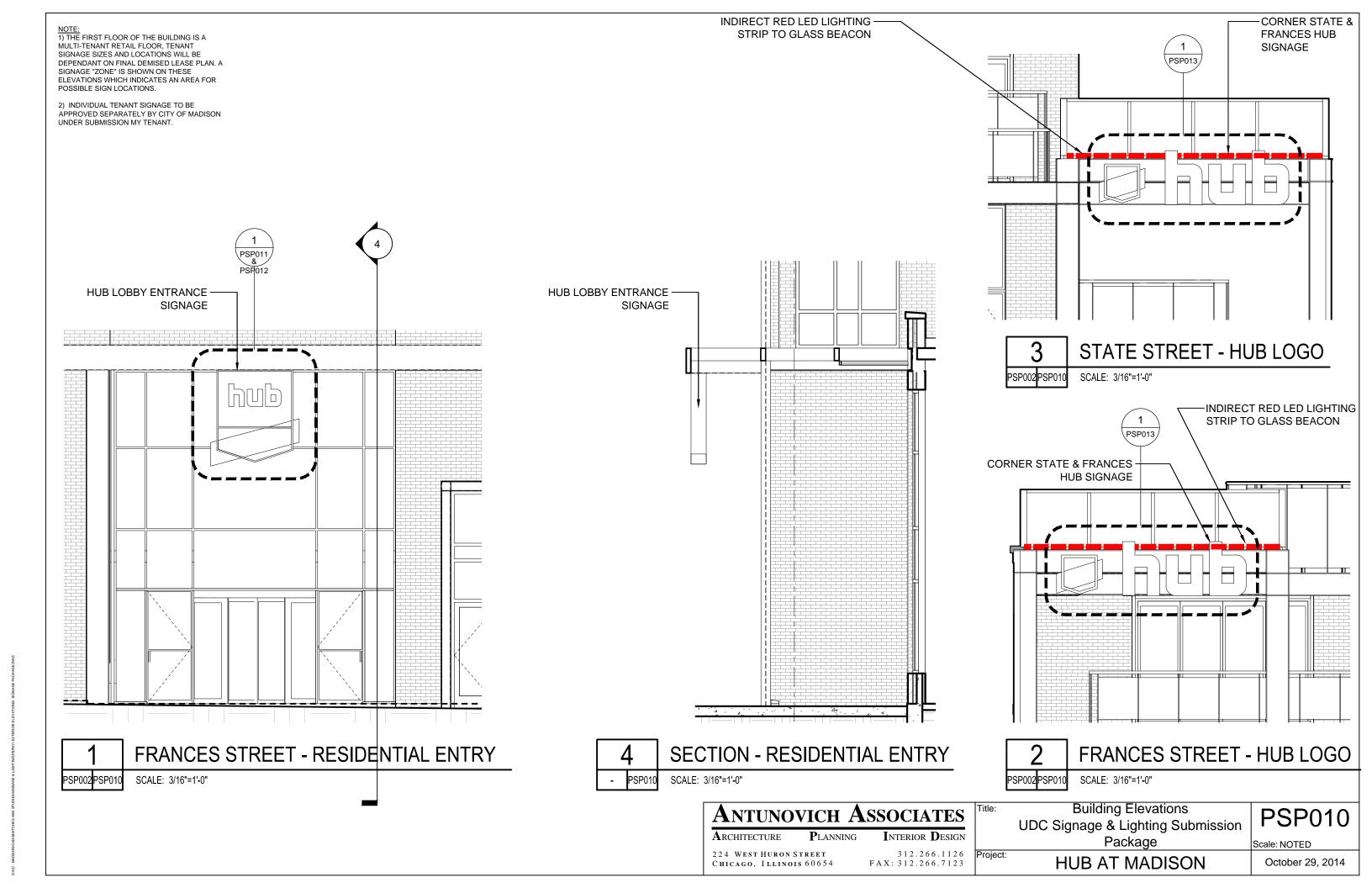
HUB AT MADISON October 29, 2014

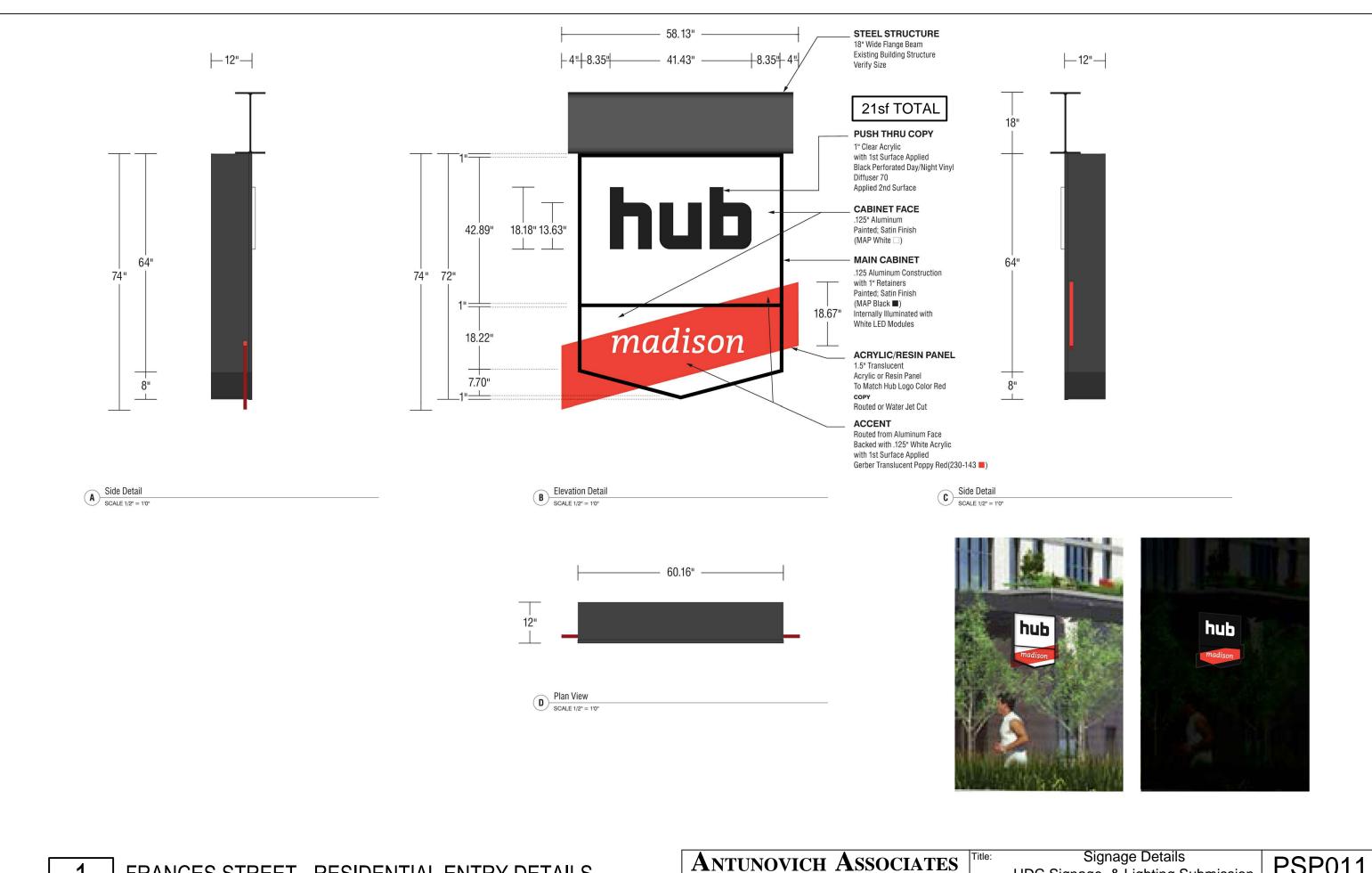
312.266.1126 FAX: 312.266.7123

Project:

224 WEST HURON STREET

CHICAGO, ILLINOIS 60654





FRANCES STREET - RESIDENTIAL ENTRY DETAILS

ARCHITECTURE **P**LANNING 224 WEST HURON STREET

CHICAGO, ILLINOIS 60654

INTERIOR DESIGN

312.266.1126 FAX: 312.266.7123 Project:

Signage Details UDC Signage & Lighting Submission Package

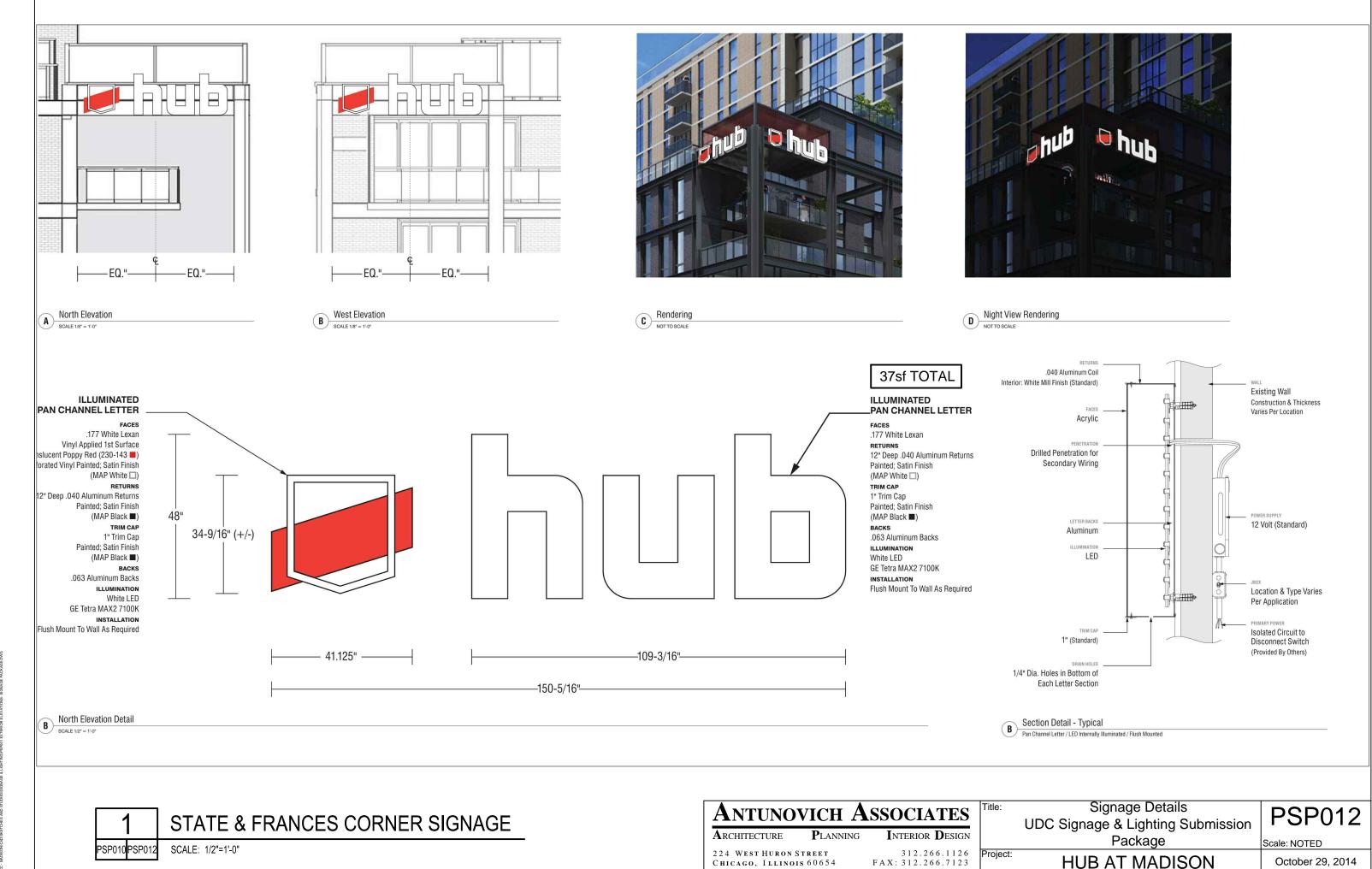
Scale: NOTED

**PSP011** 

**HUB AT MADISON** October 29, 2014

PSP010 PSP01<sup>2</sup>

SCALE: 1/2"=1'-0"

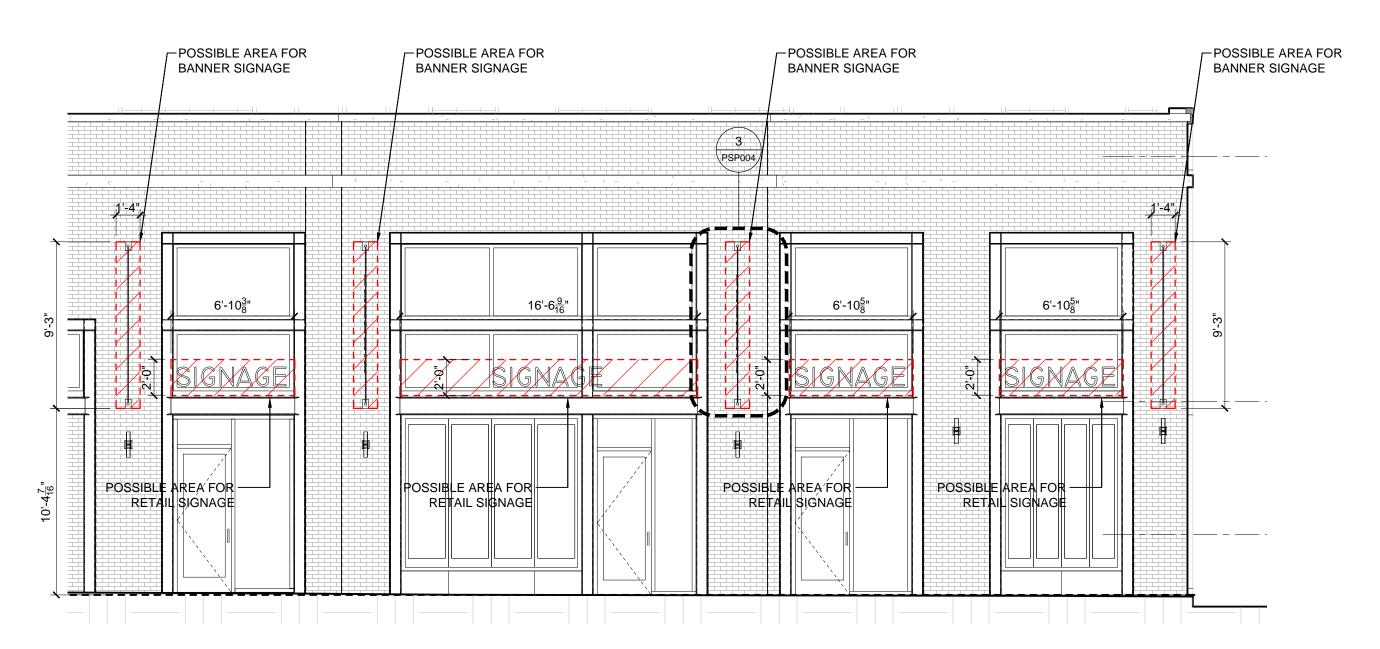


CHICAGO, ILLINOIS 60654

FAX: 312.266.7123

NOTE:
1) THE FIRST FLOOR OF THE BUILDING IS A
MULTI-TENANT RETAIL FLOOR, TENANT
SIGNAGE SIZES AND LOCATIONS WILL BE
DEPENDANT ON FINAL DEMISED LEASE PLAN. A SIGNAGE "ZONE" IS SHOWN ON THESE ELEVATIONS WHICH INDICATES AN AREA FOR POSSIBLE SIGN LOCATIONS.

2) SIGN TYPE TO INCLUDE ILLUMINATED CHANNEL LETTERING.



FRANCES STREET - RETAIL SPACE PSP003PSP01 SCALE: 3/16"=1'-0"

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**Building Elevations** UDC Signage & Lighting Submission Package

**HUB AT MADISON** 

**PSP013** 

Scale: NOTED

Job Name: 5819T HUB

Catalog Number: 1016-2LEDRA2-BK (6"/ROUND WALL CYLINDER/LED/BLACK)

**TYPE - OC** 



Cylindre DEL bidirectionnel 6" LED up & down cylinder



### PARTICULARITÉS / FEATURES

Le cylindre est fabriqué avec une extrusion d'aluminium. / The cylindrical housing is fabricated of extruded aluminum

Les modules DEL sont installés sur des dissipateurs de chaleur en aluminium pour maximiser leur refroidissement. / The LED modules are mounted on aluminum heat sinks to maximize

Les réflecteurs en aluminium brillant offrent des faisceaux lumineux de 40°. / Bright aluminum reflectors provide 40° beam spreads.

Le luminaire est scellé par des lentilles de verre trempé. / The luminaire is sealed with clear tempered glass lenses.

Tous les composants sont revêtus d'une peinture en poudre cuite au four qui leur donne un fini durable / All components are coated with baked powder coat paint, giving them a highly

CERTIFICATION / CERTIFICATION

Approval : ETL #3123001

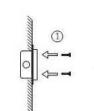
- 5 years warranty

### SPÉCIFICATIONS / SPECIFICATIONS

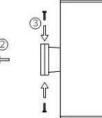
- Module: 2LEDRA2
- Lumen / Lumen: 2 x 1050lm
- Température de couleur / Color temperature: 4000°K
- CRI / LED CRI: 80+
- Puissance / Wattage: 2 x 15W
- Courant / Current: 1.4A
- Tension d'entrée / Input voltage: 120V, 277V
- Tension / Voltage: 21.4V
- Transformateur intégré / Built-in driver
- Angle du faisceau / Beam angle: 40°
- Durée de vie DEL / LED life: 50 000 heures

### INFORMATION TECHNIQUE / TECHNICAL INFO.

- Dimensions / Dimensions: Ø5,7", 12,6" x 8,42"
- Isolation / Insulation: CLASS I
- Classement / Rating: IP65









### DALS LIGHTING INC.

30 Rolland Briere, suite 104, Blainville QC J7C 5R8 TEL: 450-430-1818 FAX: 450-430-1850

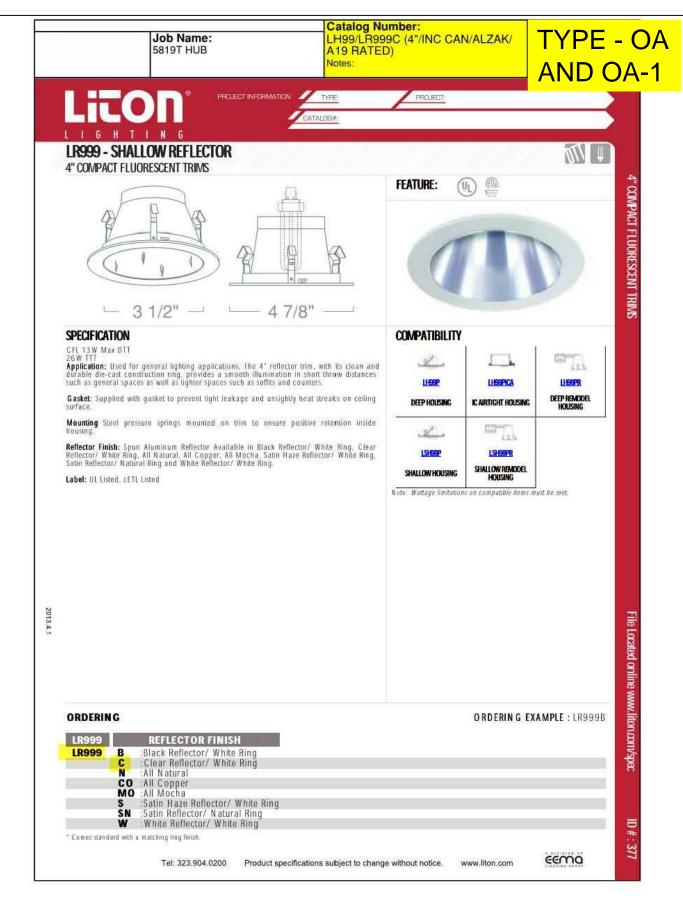
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5" / 127mm

5" / 127mm

2,8" / 71mm

D: 3,94" / 100mm





ARCHITECTURE **P**LANNING 2.2.4 WEST HURON STREET

CHICAGO, ILLINOIS 60654

INTERIOR DESIGN 312.266.1126 FAX: 312.266.7123

Project:

Lighting Cut Sheets UDC Signage & Lighting Submission Package

Scale: NOTED

**HUB AT MADISON** 

October 29, 2014

**PSP014** 



### Indoor/Outdoor Emergency Lighting Unit

### FEATURES

### Application

The PG is an indoor/outdoor, die-cast architectural emergency unit. It is a wet location listed, emergency luminaire with high-output LED technology that provides path of egress illumination for mounting over entrance/exit ways and perimeter walkways. Spectron® self-testing/self-diagnostic electronics are included standard. A battery heater for cold temperature operation is available as an option.

### Construction

Housing and mounting plate are constructed of 0.125" die-cast aluminum and 0.125" closed-cell, medium density, neoprene gasket. The acrylic lens allows 92% light transmission. The reflector is electropolished aluminum with 95% reflectance. Housing finish is powder coated electro-deposition paint available in four colors: dark bronze, white, platinum silver and black.

### Installation

Universal housing knockouts for mounting to standard 31/2" and 4" octagon and 4" square electrical boxes. A 1/2" – 1/4 NPT threaded conduit opening is provided at the top of the housing and sealed with a closure plug. The back plate mounts to the wall surface using installer supplied hardware. The housing "snaps" to the back plate by a "pin and socket" arrangement, and is secured with two Fillister head screws. AC Lockout feature prevents battery discharge prior to initial unit power-up saving installation time.

### Lamp

Four high-output, long life LED lamps arranged in redundant pairs.

### Compliance

UL 924 Listed (emergency models only)
UL Wet Location Listed
NFPA 101 Life Safety Code
NFPA 70 National Electrical Code
OSHA
U.S. Patent No. D627,916.

### Warranty

Three-years full for unit. electronics and battery.



# Comments: TYPE - ER



PG



Dark Bronze



Platinum Silver



Black

Reference "Remote Heads and Fixtures" specification sheet for information on matching PG remote



**PGR Remote LED** 





# Mount Cylinder LD6LED3S LD6LED4S

6" LED Surface

Wet Location 120V, 277V

### APPLICATIONS:

LiteForms™ LD6LED3S & LD6LED4S Series is a 6" direct surface mount LED cylinder designed to combine superior brightness control with energy savings and long lamp life. Suitable for a variety of commercial, retail, and institutional applications to achieve illumination patterns on vertical walls or columns. Optical lens options in spot, medium, or wide distribution are ideal for higher ceiling applications such as transportation terminals or atrium areas. Suitable for use in ambient temperatures up to 30°C (86°F) during operation.

### **HOUSING:**

Seamless .058" thick extruded aluminum cylinder body with durable powder coat paint finish in a variety of architectural colors including Prescolite's exclusive Zet, metallic silver.

### **REFLECTOR:**

High purity spun aluminum self-flanged reflector with iridescence suppressed Alzak anodized finish retained by factory installed spring clips and safety cable for ease of maintenance. Provided with integral clear tempered glass lens to protect LEDs.

### **LED LIGHT ENGINE:**

The LED light engines are equipped with (10) high brightness white LEDs (2700K, 3500K, 4000K, or 5000K) on a metal clad circuit board. Secured to an integral die cast

aluminum heat sink for excellent thermal management. System designed for optimal life and lumen maintenance (50,000 hours at 70% average lumen maintenance\*). \*LED life calculations are based upon maintaining application LED junction temperatures and drive currents at or below manufacturer's requirements per IESNA-LM-80-08 test data.

Optics: Vacuum metallized injection molded optical reflector features (10) parabolic LED modules with Prescolite's patented (U.S. Patent No. 6,254,256) American Matte<sup>TM</sup> finish to produce uniform illumination. Optional optical lenses provide a choice of spot, medium, or wide distribution for added versatility.

### **LED DRIVER:**

Energy efficient solid state constant current electronic driver with 50,000 hour minimum anticipated life. Meets UL Class 2, inherent short-circuit protection, self limited, overload protected.

### **INSTALLATION:**

Easy installation onto standard J-Box.

### **CERTIFICATIONS:**

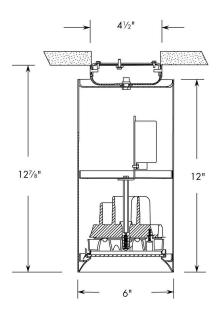
CSA certified to US and Canadian safety standards. Suitable for wet locations.

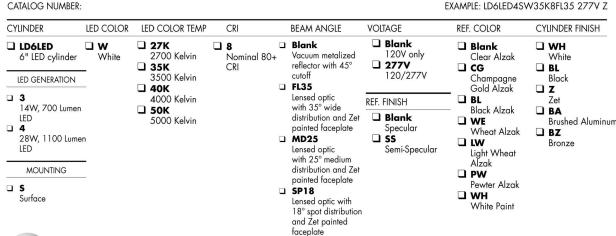
### WARRANTY:

5 year warranty



or conversion to millimeters, multiply inches by 25.4 Not to Scale







In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. Web: www.prescolite.com • Tech Support: (888) 777-4832

LFO-LED-012

ANTUNOVICH ASSOCIATES

ARCHITECTURE

224 WEST HURON STREET

CHICAGO, ILLINOIS 60654

PLANNING INTERIOR DESIGN

312.266.1126 FAX: 312.266.7123

Lighting Cut Sheets
UDC Signage & Lighting Submission
Package

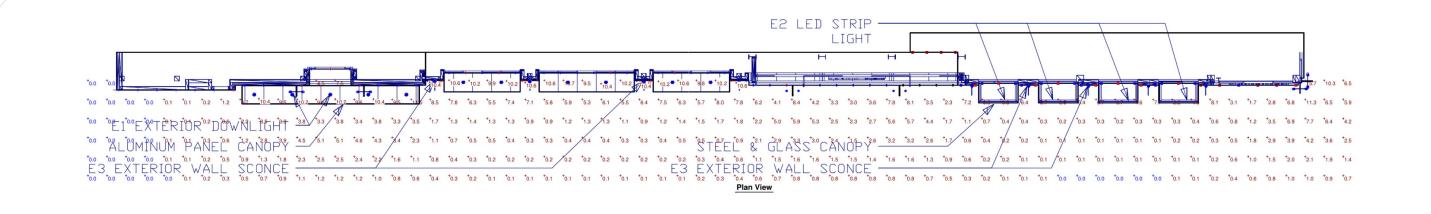
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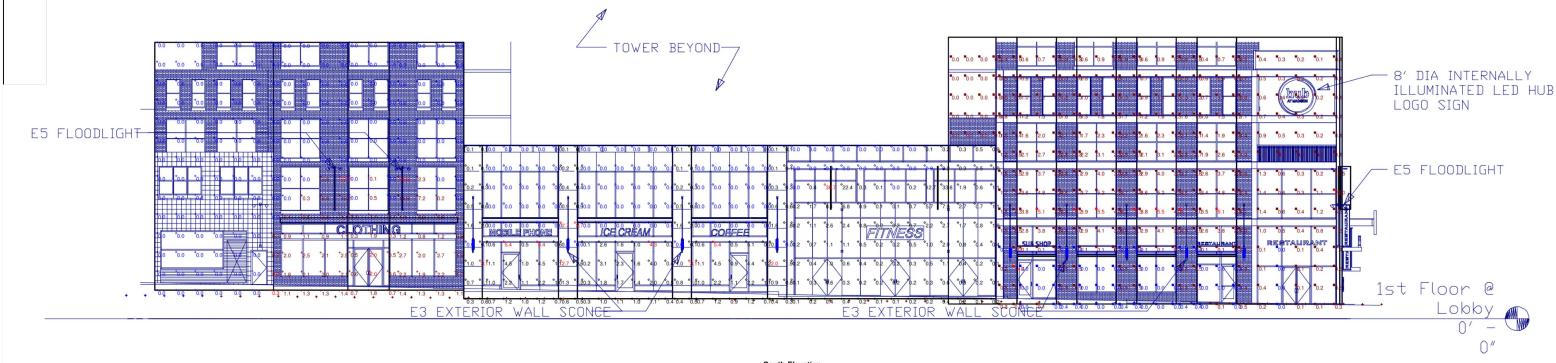
HUB AT MADISON

October 29, 2014

**PSP015** 

- MADISONICAD/SKETCHES AND STUDIES/SKONAGE & LIGHTING/PSP001 EXTERIOR ELEVATIONS-SK





STATE STREET - PHOTOMETRICS SCALE: NTS

ANTUNOVICH	ASSOCIATES

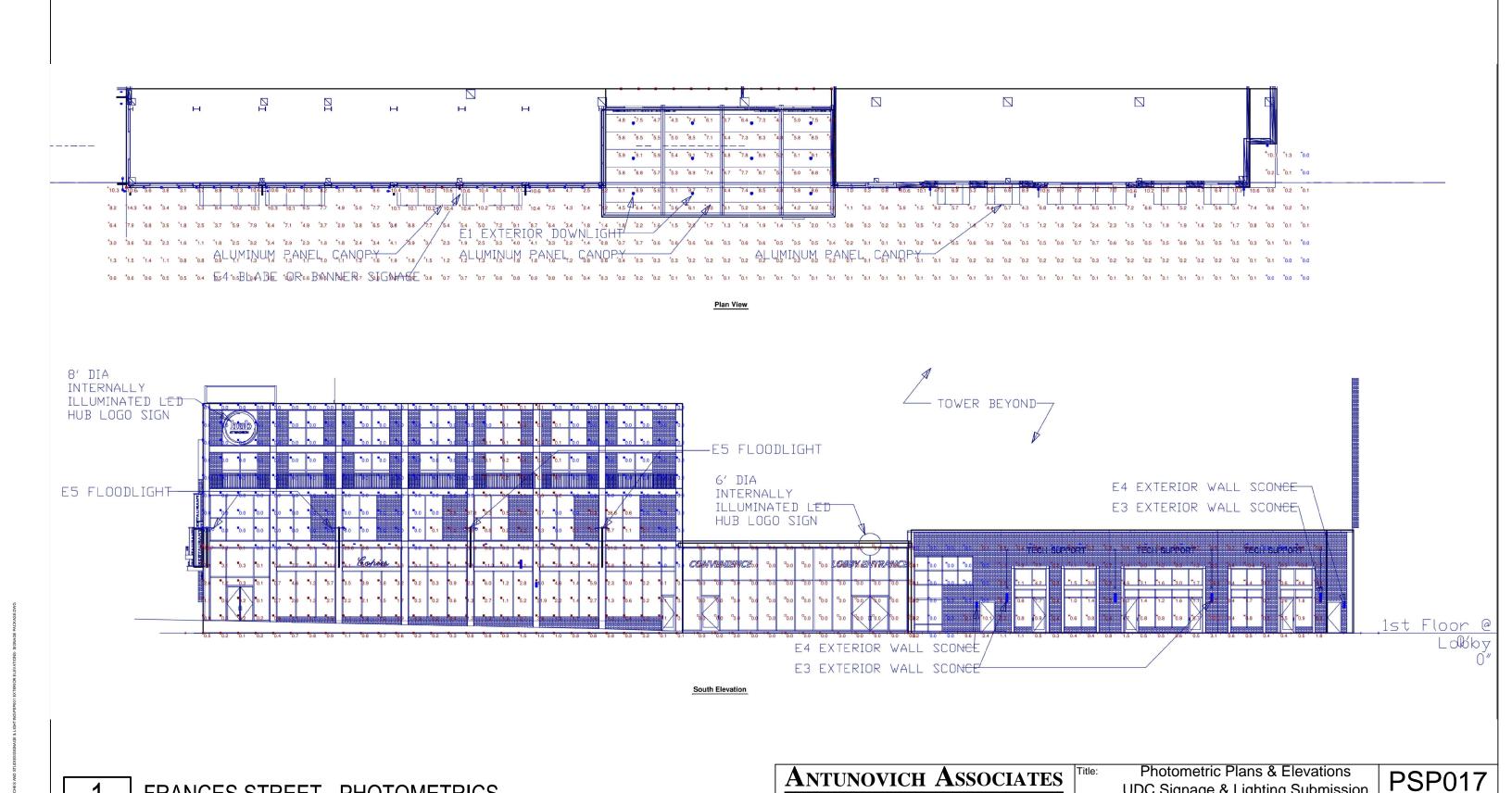
INTERIOR DESIGN  $\mathbf{A}$ RCHITECTURE **P**LANNING 224 WEST HURON STREET

312.266.1126 FAX: 312.266.7123 CHICAGO, ILLINOIS 60654

Photometric Plans & Elevations UDC Signage & Lighting Submission Package

**PSP016** Scale: NOTED

Project: **HUB AT MADISON** 



ARCHITECTURE

224 WEST HURON STREET

CHICAGO, ILLINOIS 60654

**P**LANNING

INTERIOR DESIGN

Project:

312.266.1126 FAX: 312.266.7123

UDC Signage & Lighting Submission

Package

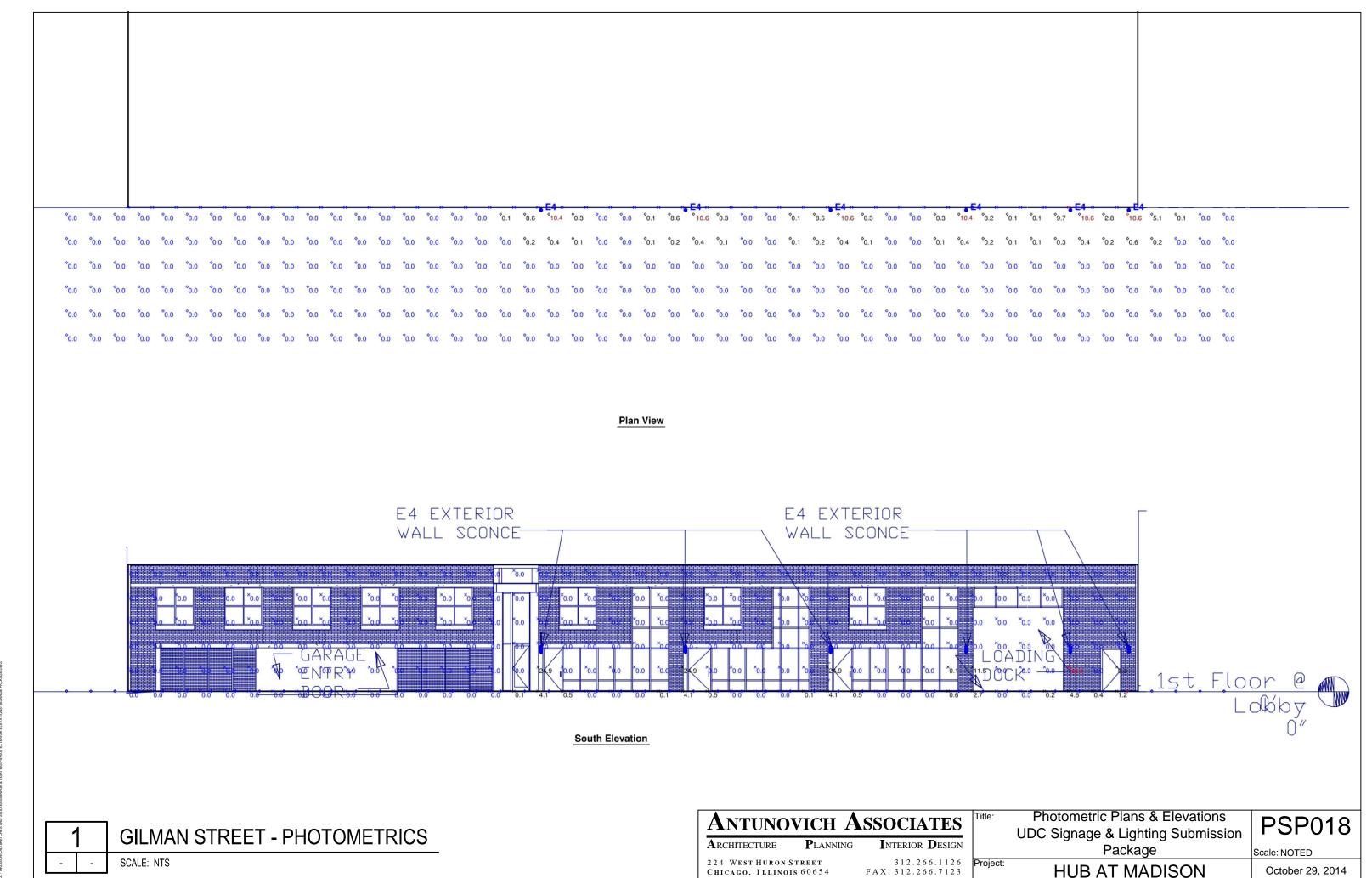
**HUB AT MADISON** 

Scale: NOTED

October 29, 2014

FRANCES STREET - PHOTOMETRICS

SCALE: NTS





STATE STREET -PERSPECTIVE-1

SCALE: NTS

ANTUNOVICH ASSOCIATES

ARCHITECTURE **P**LANNING INTERIOR DESIGN

3 1 2 . 2 6 6 . 1 1 2 6 F A X: 3 1 2 . 2 6 6 . 7 1 2 3 224 WEST HURON STREET CHICAGO, ILLINOIS 60654

Perspective Views UDC Signage & Lighting Submission Package

**PSP019** 

Scale: NOTED **HUB AT MADISON** 



STATE STREET -PERSPECTIVE-2 SCALE: NTS

**ANTUNOVICH ASSOCIATES** ARCHITECTURE

**P**LANNING INTERIOR DESIGN

224 WEST HURON STREET CHICAGO, ILLINOIS 60654 3 1 2 . 2 6 6 . 1 1 2 6 F A X: 3 1 2 . 2 6 6 . 7 1 2 3

Perspective Views UDC Signage & Lighting Submission Package

**PSP020** 

Scale: NOTED

**HUB AT MADISON** October 29, 2014



SCALE: NTS

STATE & FRANCES STREET -PERSPECTIVE-3

ARCHITECTURE PLANNING

224 WEST HURON STREET
CHICAGO, ILLINOIS 60654

ANTUNOVICH ASSOCIATES
ARCHITECTURE PLANNING INTERIOR DESIGN

312.266.1126 FAX: 312.266.7123 Perspective Views
UDC Signage & Lighting Submission
Package

PSP021

October 29, 2014

Scale: NOTED

**HUB AT MADISON** 

S:CC - MADISON/CAD/SKETCHES AN



1 STATE & FRANCES STREET -PERSPECTIVE-4

ANTUNOVICH ASSOCIATES

ARCHITECTURE PLANNING INTERIOR DESIGN

224 WEST HURON STREET CHICAGO, ILLINOIS 60654 INTERIOR **D**ESIGN

312.266.1126

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Package HUB AT MADISON

Perspective Views
UDC Signage & Lighting Submission
Package

Scale: NOTED
October 29, 2014

SCALE: NTS



STATE & FRANCES STREET -PERSPECTIVE-5

SCALE: NTS

Antunovich Associates INTERIOR DESIGN

Architecture **P**LANNING 224 WEST HURON STREET CHICAGO, ILLINOIS 60654

3 1 2 . 2 6 6 . 1 1 2 6 F A X: 3 1 2 . 2 6 6 . 7 1 2 3

Perspective Views
UDC Signage & Lighting Submission Package

**PSP023** Scale: NOTED

**HUB AT MADISON**