



Village of Winnetka

Design Review Board/Sign Board of Appeals Special Meeting

December 19, 2022 at 7:00 PM
Winnetka Village Hall - 510 Green Bay Road

AGENDA

1. **Call to Order**
2. **Public Comments**
3. **Approval of Minutes**
 - a. November 17, 2022, Regular Meeting Minutes
4. **New Applications**
 - a. **Case No. 22-26-DR - 551-553 Chestnut Street - Evereve:** Certificate of Appropriateness and Sign Permit to allow exterior alterations to storefront of existing commercial building on the Subject Property.
5. **Other Business**
 - a. January 19, 2023, Meeting - Quorum Check
6. **Adjournment**

NOTICE

Public comment is permitted on all agenda items at the meeting. If you wish to provide testimony or comments prior to the meeting, you may provide them one of two ways: (1) by sending an email to planning@winnetka.org; or by sending a letter to Community Development, Village of Winnetka, 510 Green Bay Road, Winnetka, IL 60093. All agenda materials are available at www.villageofwinnetka.org/agendacenter.

The Village of Winnetka, in compliance with the Americans with Disabilities Act, requests that persons with disabilities, who require certain accommodations to allow them to observe and/or participate in this meeting or have questions about the accessibility of the meeting or facilities contact the Village ADA Coordinator at 510 Green Bay Road, Winnetka, Illinois 60093, (Telephone (847) 716-3543; T.D.D. (847) 501-6041).

**Winnetka Design Review Board/Sign Board of Appeals Special Meeting Minutes
November 17, 2022**

Members Present:

Kirk Albinson, Chairman
Michael Klaskin
Maggie Meiners
Heather Niehoff
Michael Ritter

Members Absent:

Paul Konstant
Katie Moor

Village Staff:

David Schoon, Director of Community Development
Christopher Marx, Associate Planner

Call to Order & Roll Call:

Chairman Albinson called the meeting to order at 7:00 pm and took roll call of the Board Members present.

Public Comments

No comments were made at this time.

Approval of Minutes:

- a. October 3, 2022 Special Meeting Minutes and October 20, 2022 Meeting Minutes

Chairman Albinson asked if there were any comments or corrections or for a motion to approve the October 3, 2022 special meeting minutes and the October 20, 2022 meeting minutes. A motion was made to adopted the minutes as presented by Ms. Meiners and seconded by Mr. Ritter. A vote was taken and the motion unanimously passed, 5 to 0:

AYES: Albinson, Klaskin, Meiners, Moor, Niehoff

NAYS: None

Continued Applications:

- a. **Case No. 22-13-DR: 93 Green Bay Road - Streetscape/Site Improvements (continued from the October 3, 2022 special meeting): Certificate of Appropriateness to allow new site improvements to the property.**

Mr. Schoon stated the Board previously reviewed the Certificate of Appropriateness for the building and site improvements and recommended approval of the building design only with the applicants to address site plan issues. He stated he and the DRB Chair shared the the Board's concerns with the Village President and appropriate Village staff and the plans were revised. Mr. Schoon then identified the Board's concerns which were addressed in the new plans.

Jodi Mariano, landscape architect with Teska Associates and project designer, referred the Board to a site illustration. She identified how the site is approached and accessed by pedestrians and vehicles from multiple directions. Ms. Mariano stated they plan to maximize the amount of public seating area as much as possible, and added due to grade issues, they planned to install raised curb planters to provide an edge to the seating area. She also identified a tree planter which would be expanded to accommodate multi-stem trees and additional plantings. Ms. Mariano stated they planned to clean the retaining wall along Winnetka Avenue and add a precast concrete retaining wall cap as well as install a railing behind it. She then identified the colors of that element which would be the same color as the planter box and curb planters and referred the Board to photos.

Ms. Mariano then stated on Winnetka Avenue, they planned to incorporate a similar floral motif from the nearby railroad bridge into the planter reveals. She described the material and jointing pattern to be used for the pavement with a clay brick inset and which would be installed on top of concrete. Ms. Mariano identified the brick

band and proposed locations for in-ground planters, benches, etc. as well as the Village standard light poles, bicycle racks and the transformer and trash enclosure. She referred to the contaminated area and how it would be addressed in terms of the proposed landscape materials. Ms. Mariano then she stated they selected a backless bench which related to the Village's standard and identified their locations and how it would be used primarily for aesthetics and visibility. Ms. Mariano and Joanna Tong described the rationale behind the backless bench selection. Mr. Schoon informed the Board the annuals would be maintained by the Village. Ms. Mariano further described the landscape material heights and how visibility was a consideration.

Ms. Niehoff questioned how the plantings' seasonality is being addressed and referred to shade issues in the summer months for example. Ms. Mariano responded in terms of seasonality, she described how evergreens and other planting materials would appear over the various seasons. The Board Members, Ms. Mariano and Ms. Tong discussed alternative planting materials and alternate locations to achieve the desired goals. The Board Members commented the proposal is a great improvement.

Ms. Meiners moved to issue a Certificate of Appropriateness to approve the request as presented. Mr. Ritter seconded the motion. No public comments were made at this time. A vote was taken and the motion unanimously passed, 5 to 0:

AYES: Albinson, Klaskin, Meiners, Niehoff, Ritter

NAYS: None

New Applications:

a. **Case No. 22-25-DR - 1077 Tower Road - Divine Mercy Parish: Sign permit to allow installation of a freestanding, ground-mounted, sign on the church property.**

Mr. Marx stated the request is for a permanent freestanding sign and identified its location, zoning classification and illustration of the current and proposed conditions. He then described the proposed sign's materials in Attachment A, its height, posts, frame, sign colors and font. Mr. Marx noted the proposed sign is compliant with code requirements and asked if there were any questions.

Chairman Albinson asked if it would be illuminated and Mr. Marx responded while illumination was initially proposed, it would not be code compliant due to the proximity to residential neighborhoods. Ms. Niehoff questioned the yellow color and Mr. Marx clarified what the actual color would be. Ms. Meiners and Ms. Niehoff commented the proposal is fine.

Ms. Niehoff moved to approve the request as presented. Ms. Meiners seconded the motion. A vote was taken and the motion unanimously passed, 5 to 0:

AYES: Albinson, Klaskin, Meiners, Niehoff, Ritter

NAYS: None

Workshop Sessions:

a. **Continued Discussion of Residential Design Guidelines for Single-Family Homes.**

Mr. Schoon stated in connection with the Board's previous residential design guidelines discussions, he referred to Board discussing recommending that the Village take a more educational approach versus establishing a design review process. He then stated the Village staff drafted a memo from the Board to the Village Council summarizing the Board's efforts to study the issue which included consideration of three main options he identified. Mr. Schoon stated the Village staff drafted ideas as to what the Board's suggested educational elements would consist of which he explained to the Board. He asked the Board Members for their comments or suggestions and asked if they felt comfortable at this meeting to make a recommendation to or if they needed to discuss it further at a future meeting.

Chairman Albinson asked if on the permit application for a new single family home could there be question asking the applicant to acknowledge that they have reviewed residential design guidelines document. Mr. Schoon stated could be done. Chairman Albinson then referred to the LPC's preservation award program and suggested a residential design guidelines acknowledgment can be used as positive reinforcement. Ms. Meiners commented the

1 draft is great and the educational approach is the right way to proceed but questioned the award program since it
2 would be very subjective in terms of judging. She added it is a very controversial issue and no more divisiveness is
3 needed in the Village and questioned whether it would even be worth the effort. Ms. Meiners then stated the
4 draft document can be the Board's response to the Village Council's request and no additional effort should be
5 made in this regard.

6
7 Mr. Schoon stated the recommendation makes it clear that residential design review guidelines are not a
8 requirement but are to be used in consideration when designing and building a home. Ms. Niehoff agreed with the
9 comments made. Chairman Albinson suggested it be included with the website documents in connection with
10 building permits. Mr. Schoon explained the reasoning for it to be listed on its own page on the website and links
11 can be included. Mr. Klaskin stated the draft document would not be offensive in terms of recommended design
12 guidelines. Mr. Schoon informed the Board in connection with the LPC award process, the homeowner has to
13 agree to application submission. The Board Members discussed that it would be DRB members that would select
14 the award winners.

15
16 Mr. Schoon then asked the Board Members if there is a consensus to forward the document to the Village Council.
17 The Board Members agreed. Mr. Klaskin asked what served as a catalyst to this process. Chairman Albinson
18 responded he was approached by President Rintz who had been considering it for several years. Ms. Meiners
19 indicated it may have been the result of one particular builder, and Mr. Ritter indicated it may have been the result
20 of many different homes built over time. It was consensus of the Board to forward the recommendation as
21 presented.

22
23 **Other Business.**

24 a. December 15, 2022 Meeting – Quorum check.

25 The Board Members discussed their availability. Chairman Albinson stated he has been slated to serve on the
26 Village Council and asked the Board Members for recommendations to fill Board vacancies.

27
28 **Adjournment:**

29 A motion to adjourn was made by Mr. Klaskin and seconded by Ms. Meiners. A vote was taken and the motion
30 unanimously passed, 5 to 0:

31 AYES: Albinson, Klaskin, Meiners, Niehoff, Ritter

32 NAYS: None

33 The meeting was adjourned at 8:05 p.m.

34
35 Respectfully submitted,

36
37 Antionette Johnson
38 Recording Secretary



MEMORANDUM VILLAGE OF WINNETKA

COMMUNITY DEVELOPMENT DEPARTMENT

TO: DESIGN REVIEW BOARD
FROM: CHRISTOPHER MARX, AICP, ASSOCIATE PLANNER
DATE: DECEMBER 12, 2022
SUBJECT: 551-553 CHESTNUT STREET - EVEREVE - CERTIFICATE OF APPROPRIATENESS (CASE NO. 22-26-DR)

INTRODUCTION

On December 19, 2022, the Design Review Board (DRB) is scheduled to consider an application for a Certificate of Appropriateness and Sign Permit submitted by Evereve (the "Applicant"), as the lessee of the commercial space located at 551-553 Chestnut Street. The Applicant is seeking approval to allow exterior alterations to the existing building and new signage for a new retail store at 551-553 Chestnut Street (the "Subject Property").

In compliance with the Village Code, a mailed notice was sent to property owners within 250 feet of the Subject Property informing them of the public hearing on Thursday, December 15, 2022. Subsequent to the notice being mailed, Village staff learned that the DRB would not have a quorum on December 15, and a special meeting was scheduled for the DRB to consider this application on December 19. A notice informing the public that the meeting was cancelled and the DRB's consideration of this item would be held on December 19 was posted on the Village's website and on the doors of Village Hall. As of the date of this memo, staff has not received any written comment from the public regarding this application.

PROPERTY DESCRIPTION

The Subject Property is generally located on the east side of Chestnut Street between Elm and Spruce Streets, is zoned C-2 General Retail Commercial, and contains a vacant one-story building that was previously occupied by *Kaehler World Traveler*. The Subject Property is a one-story commercial building with a basic appearance of wide-reaching storefront windows with wood vertical siding above the windows. Figure 1 below identifies the Subject Property. Figures 2 and 3 at the end of this report further identify the Subject Property.



Figure 1 – Subject Property – Street frontage of building along Chestnut Street

CURRENT REQUEST

The Applicant intends to convert the existing building on the Subject Property into a new retail space for the Winnetka location of a national clothing boutique. Almost all the elements of the existing storefront facade would be removed including the windows, doorways, awning frames, exterior cladding, and gooseneck lighting. The Applicant is seeking a Certificate of Appropriateness, in addition to a Sign Permit, for the following alterations:

Exterior Building Alterations:

1. The fenestration and glazing would be replaced with a curved rectangular doorway that is bookended by two identically sized storefront windows with similar curvatures. The two main windows and doorway entrance openings would each have a black anodized aluminum trim around the edges.
2. The main doorway entrance would recess several feet inward and have a polished black marble mosaic tile on the entrance floor. The doorway would have two opposite-opening doors made of solid oak with a distinctive grain pattern and satin finish. Each door would have two customized handles made of black anodized aluminum that each resemble the letter "E." The doors would be bookended by two windows with similar glazing styles as the storefront windows.
3. The doorway will have two vertical lighting sconces on each end that are aluminum and white in appearance. The recessed entrance would have two small fixtures on the top that face directly down.
4. The entire façade wall would have an installation of a Daltile Presario marble tile in a color described as Lumen White. The top of the façade would have a black anodized aluminum parapet cap.

Signage:

1. A wall sign would be installed in the center of the upper sign band which would say "EVEREVE" in a contemporary font on pin-mounted black aluminum letters that would have halo-lighting illumination which would cast upon the building wall.
2. A circular projecting blade sign made of black acrylic materials would also be installed on the right side of the storefront façade that also says "EVEREVE" in the same contemporary font.
3. Two identical black window decals would be installed at the bottom of the storefront windows that are each 3 inches in height and say "EVEREVE" in the same contemporary font.

The Applicant has provided elevation renderings, mock-up drawings, material descriptions, and design specifications for the proposed alterations which are included in the submitted application materials in Attachment A. The Applicant states that they will have material samples available for viewing at the meeting.

SIGN CODE ANALYSIS

Section 15.60.120 of the Village Sign Code establishes standards for wall signs, window signs, and projecting signs in the commercial districts:

- Window signs are limited to 10% of the overall window area; the proposed window decals would comply with each having a window coverage of 0.29%.
- Wall signs may only contain the business name, a three-word generic description of the types of products or services, and the occupant's logo or trademark. The area of a wall sign shall not exceed 70 square feet. The proposed sign would be 28.06 square feet and only contain the

business name.

- Total area of all wall signs, window signs, and awning signs other than exempt signs, and permitted directional and incidental signs may not exceed 15% of the total area of street exposure. The proposed wall sign and window signs would comply with a combined area of 2.74%. A staff analysis of sign area with calculations is included as Attachment B.
- Projecting signs may extend over a public sidewalk, provided that the sign extends no more than 2 feet from the wall of the building and is no more than 3 feet high, and provided that the clearance between the bottom of the sign and the sidewalk is at least 8 feet. The proposed projecting sign would comply with Sign Code requirements.

CERTIFICATE OF APPROPRIATENESS CONSIDERATIONS

As established by the Village Code, the Design Review Board is to consider the following four (4) factors in determining whether to grant a Certificate of Appropriateness:

“(1) whether the proposed external architectural features and site improvements are appropriate to and compatible with the character of the immediate neighborhood;”

“(2) whether the proposed external architectural features and site improvements are appropriate to and compatible with adopted Village plans for and improvements in the immediate neighborhood, and including both urban design and site arrangement considerations;”

“(3) whether the proposed external architectural features and site improvements are consistent with applicable Village design guidelines and such standards and criteria as may be adopted by the Board; and”

“(4) the probable effect of the proposed external architectural features on the integrity of the immediate vicinity.”

The proposed alterations are intended to reshape the storefront appearance for the retailer’s brand and likeness while updating and improving its overall condition.

DESIGN GUIDELINES ANALYSIS

The Village’s Design Guidelines provide guidance on the appearance of exterior facades and signs for commercial buildings.

- Building materials should consist primarily of masonry or stucco that might include modular brick or limestone. The proposed marble tile exterior would be more modern looking than traditional limestone, but match with the natural materials preference of the Guidelines.
- Main entrances for the public should be along the street frontage and be recessed from the façade with solid doors if possible. The Guidelines also state that storefront entry doors should be wood or aluminum style with glazing and a weather resistant finish. The proposed entrance would be recessed approximately 3 feet with solid wood doors that have a protective finish and no windows.
- Storefronts should have prominent windows on the ground floor with low window sills that take up at least 60% of the first floor façade. They also state that windows should have wood or metal framing with divisions and colors that are sympathetic to the overall building color palette. The proposed windows would take up a sizeable amount of the front façade while being single panes with framing that matches the contemporary look of the store.
- Building lighting should be carefully considered and focused on providing light to building signs and enhancing architectural details while being contextual with the building and surrounding

design. The proposed lighting would be focused on the upper wall sign and main entrance features of the storefront.

- Signs should reflect the character of the building style while expressing each store's individuality. Sign materials should be limited to painted wood, canvas, architectural glass, and metal. The sign color should harmonize with its building while being limited to earth tones and primary colors.
- Wall signs consisting of pin-mounted lettering should be mounted above the storefront in the sign band or suspended in front of the storefront at the transom or recessed entry, with lettering that does not exceed 75% of the height of the sign band or 14 inches, whichever is less. Any illumination of signs should be minimal and unobtrusive spot lighting. The proposed wall sign would be less than 75% of the height of the sign band, however the sign would be 25 inches in height, while being fabricated from black metal letters. The halo lighting is considered external in source and concealed within the scope of the sign letters.
- Window signs should be located towards the lower half of the window and not exceed 6 inches in height. The proposed window decals would be 3 inches in height and located towards the bottom of the window in a dark black color.
- Projecting blade signs should be mounted on fixed hardware; no swinging or chain-mounted signs and not exceed 6 square feet. The proposed projecting sign would generally be consistent with the Design Guidelines, except that acrylic materials are currently not listed as one of the preferred sign materials (painted wood, canvas, architectural glass and metal).

The proposed building alterations are designed to provide a modern look for the new retailer and replicate its distinctively branded storefront as seen in other locations. Excerpts of the Design Guidelines that are pertinent to the Applicant's proposal are included as Attachment C.

SUMMARY

The Applicant requests that the DRB find the proposed exterior alterations and signs as appropriate and compatible with the Design Guidelines and approve the applications as proposed. Should the DRB find the proposed changes appropriate, the Applicant would first need to receive an approved building permit from the Community Development Department prior to construction and sign installation.

ATTACHMENTS

Attachment A: Application Materials

Attachment B: Sign Code Analysis

Attachment C: Design Guidelines Excerpt



Figure 2 – Subject Property – Storefront facade along Chestnut Street



Figure 3 – Chestnut Street - Main building façade along east side of 500 block of Chestnut Street

ATTACHMENT A

Village of Winnetka
CERTIFICATE OF APPROPRIATENESS APPLICATION

VILLAGE OF WINNETKA, ILLINOIS DEPARTMENT OF COMMUNITY DEVELOPMENT

CERTIFICATE OF APPROPRIATENESS APPLICATION

Project Address: 551 Chestnut Street

Name of Business(es): Evereve

Application is hereby made for the following work (please check all that apply):

- ☒ Sign Sign Permit Application attached? ☐
☐ Awning Awning Permit Application attached? ☐
☒ Other (general description) Storefront Alterations/Design

Please provide a detailed description of the proposed work (attach additional information such as material specifications, photographs, etc.): Due to storefront water intursion issues, we are recommending that the storefront be replaced in its entirety. We propose a unique storefront design for this location, than any other store in our company, due to the historic nature of the street, using natural stone materials detailed further in attached.

I/We hereby certify that as Lessee (Lessee/Owner) of the property located at 551 Chestnut Street (address), I am/we are authorized to submit plans for alterations of the subject property. I/We agree to perform the subject work in accordance with the conditions of approval by the Winnetka Design Review Board as well as all other applicable codes, rules and regulations of the Village of Winnetka.

SIGNED Kari Ihle
PRINTED NAME(S) Kari Ihle
ADDRESS 6800 France Ave S, Edina MN
PHONE NO. 612-281-5759
EMAIL kari.ihle@evereve.com

FOR OFFICE USE ONLY

COA applied for (date): _____
COA Case Number: _____
COA Issued (date): _____

PRIMARY DESIGN FIRM	<u>OPN Architects</u>
CONTACT NAME	<u>Annamarie Snider</u>
ADDRESS	<u>100 Court Ave. Suite 100</u> <u>Des Moines, IA 50309</u>
PHONE NO.	<u>515-309-6888</u>
EMAIL	<u>asnider@opnarchitects.com</u>

VILLAGE OF WINNETKA, ILLINOIS
DEPARTMENT OF COMMUNITY DEVELOPMENT

SIGN PERMIT APPLICATION

Tenant/Lessee

Name of Business EVEREVE	Primary contact name Kari Ihle	Phone No. 952-426-0050, #130
Street Address 553 Chestnut Street		
City Winnetka	State IL	Zip Code 60093
Email Kari.Ihle@EVEREVE.COM		

Sign Company

Name of Sign Company Integrity Sign Co.	Primary contact name Keith Hlad	Phone No. 708-478-2700, x213
Street Address 18770 S. 88th Ave.		
City Mokena	State IL	Zip Code 60448
Email Keith@integritysigncompany.com		

Property Owner

Name of Company	Primary contact name	Phone No.
Street Address:		
City	State	Zip Code
Email		

Sign type(s):
(check all that apply)

☒ window graphics ☐ wall-mounted sign ☐ ground-mounted sign
☐ projecting sign ☐ other _____

Additional description of sign type and materials small vinyl window lettering
along the bottom of two storefront windows. copy is
name of business "EVEREVE"

OFFICE USE ONLY: PERMIT FEE (\$60/\$195 per sign) _____

CONDITIONS OF APPROVAL: _____

VILLAGE OF WINNETKA, ILLINOIS
DEPARTMENT OF COMMUNITY DEVELOPMENT

SIGN PERMIT APPLICATION

Tenant/Lessee

Name of Business <i>EVEREVE</i>	Primary contact name <i>Kari Ihle</i>	Phone No. <i>952-426-0050, #130</i>
Street Address <i>553 Chestnut Street</i>		
City <i>Winnetka</i>	State <i>IL</i>	Zip Code <i>60093</i>
Email <i>Kari.Ihle@EVEREVE.COM</i>		

Sign Company

Name of Sign Company <i>Integrify Sign Co.</i>	Primary contact name <i>Keith Hlad</i>	Phone No. <i>708-478-2700, x213</i>
Street Address <i>18770 S. 88th Ave.</i>		
City <i>Mokena</i>	State <i>IL</i>	Zip Code <i>60448</i>
Email <i>Keith@integrifysigncompany.com</i>		

Property Owner

Name of Company	Primary contact name	Phone No.
Street Address:		
City	State	Zip Code
Email		

Sign type(s):
(check all that apply)

☐ window graphics

☒ wall-mounted sign

☐ ground-mounted sign

☐ projecting sign

☐ other _____

Additional description of sign type and materials *Indless, Face lit channel lettering,
Black during daylight. Illuminates white at night.*

OFFICE USE ONLY: PERMIT FEE (\$60/\$195 per sign) _____

CONDITIONS OF APPROVAL: _____

VILLAGE OF WINNETKA, ILLINOIS

DEPARTMENT OF COMMUNITY DEVELOPMENT

SIGN PERMIT APPLICATION

Tenant/Lessee

Name of Business <i>EVEREVE</i>	Primary contact name <i>Kari Hale</i>	Phone No. <i>952-426-0050, #130</i>	
Street Address <i>553 Chestnut Street</i>			
City <i>Winnetka</i>	State <i>IL</i>	Zip Code <i>60093</i>	Email <i>Kari.Hale@EVEREVE.COM</i>

Sign Company

Name of Sign Company <i>Integrity Sign Co.</i>	Primary contact name <i>Keith Hlad</i>	Phone No. <i>708-478-2700, x213</i>	
Street Address <i>18770 S. 88th Ave.</i>			
City <i>Mokena</i>	State <i>IL</i>	Zip Code <i>60448</i>	Email <i>Keith@integritysigncompany.com</i>

Property Owner

Name of Company	Primary contact name	Phone No.	
Street Address:			
City	State	Zip Code	Email

Sign type(s):
(check all that apply)

☐ window graphics ☐ wall-mounted sign ☐ ground-mounted sign

☒ projecting sign ☐ other _____

Additional description of sign type and materials *Projecting blade sign with tenant name. Internally illuminated. 24" diameter circular sign and mounting bracket are opaque black. copy illuminates white, 22" diameter, 3.36 s.f.*

OFFICE USE ONLY: PERMIT FEE (\$60/\$195 per sign) _____

CONDITIONS OF APPROVAL: _____

Chestnut Street| Existing Condition



OBSERVATIONS

The existing storefront with the heavy retractable awning, color scheme, material and general design does not reflect or enhance the surrounding architecture. The existing storefront is in poor condition with water entering the aluminum frame. The recessed entries are sloped toward the building. There is evidence of bulk water intrusion on the first level and basement. Existing transition in to the building are not smooth. The existing storefront is sitting on a limestone base we assume was original and partially removed in the past. The limestone is deteriorated and being a porous stone also offers another opportunity for water intrusion. Additionally, over time salts, freeze thaw cycle will continue deteriorate the stone.



New Storefront Design | Precedent



Evereve in Oak Brook Center, Illinois

DESIGN CONCEPT

The new storefront concept was taken and modified from design concepts from Evereve locations in Oak Brook Center, Illinois and Frontenac Shopping Center, Missouri. The utilization of curved edges creates a soft and more inviting storefront, The glazing provides ample vies into the retail space while providing natural light into the store. The use of natural materials, stone and wood, connect to the surrounding Historic architecture in the village while reinvigorating the building by extending its life for many decades to come.



Evereve in Frontenac Shopping Center, Missouri

New Storefront Design | Rendering



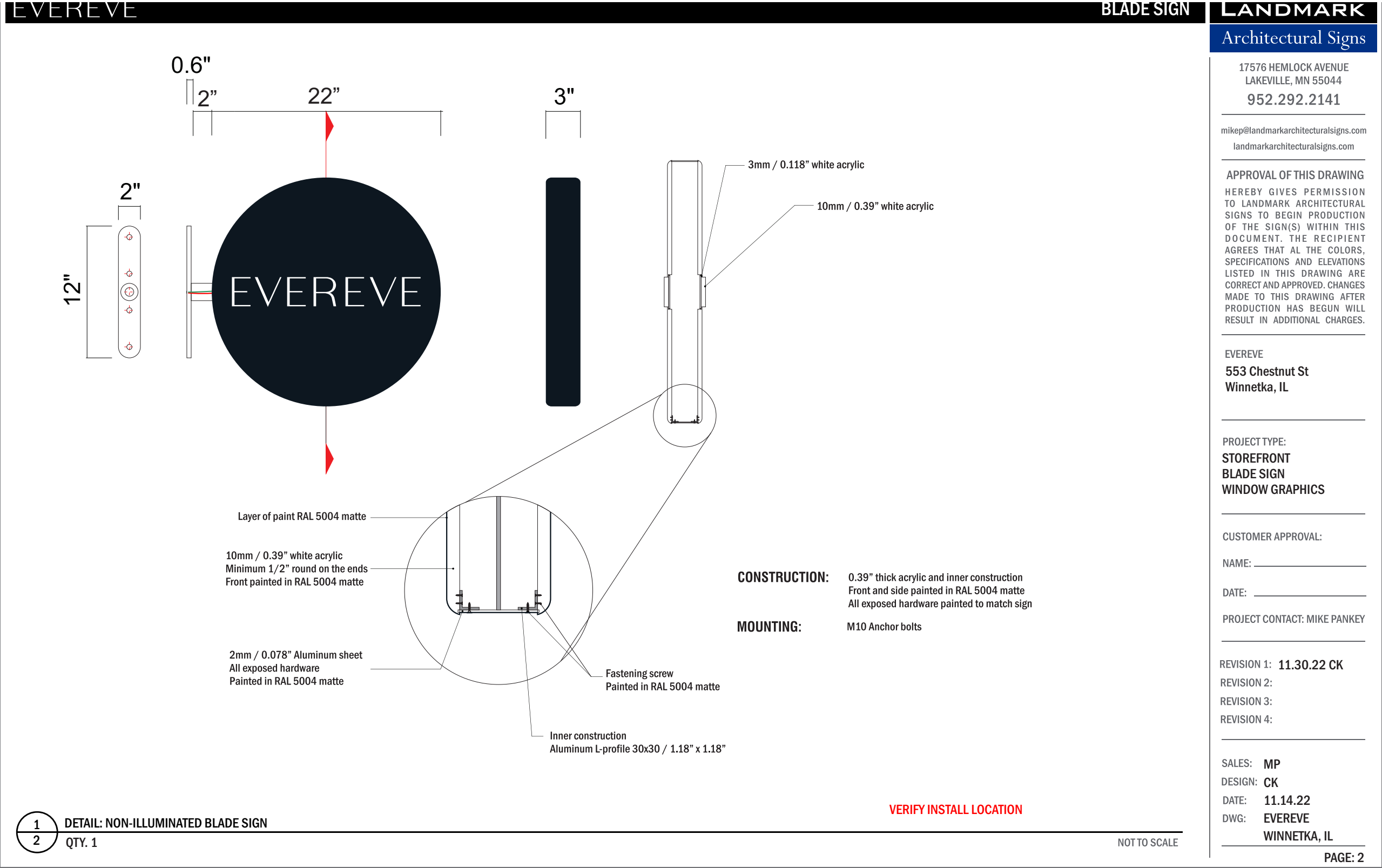
New Storefront Design | Rendering in Context



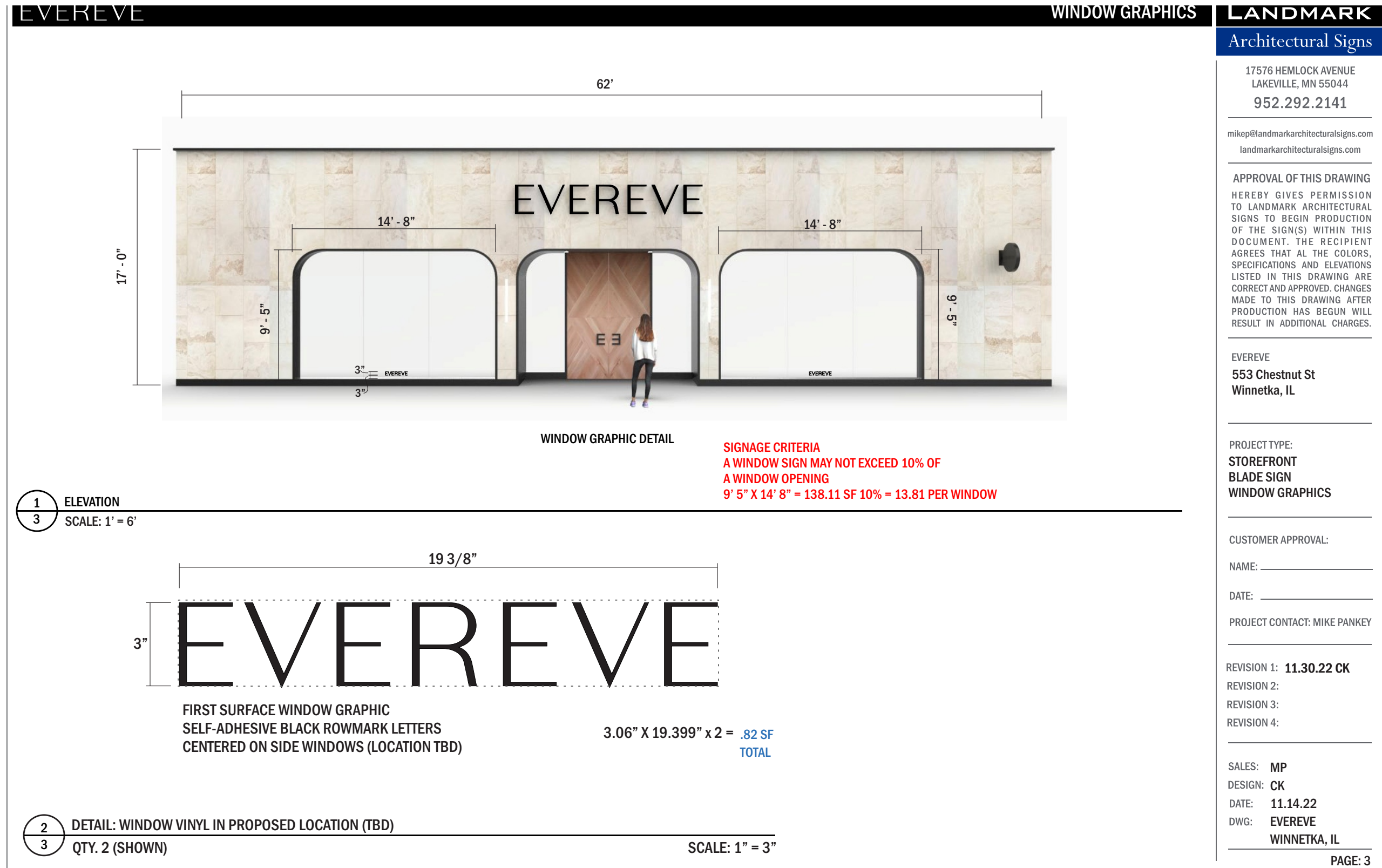
New Storefront Design | Signage

[illegible]

New Storefront Design | Signage



New Storefront Design | Signage



New Storefront Design | Signage

EVEREVE		PROPOSED CONDITIONS	LANDMARK
		Architectural Signs	
		17576 HEMLOCK AVENUE LAKEVILLE, MN 55044 952.292.2141	
		mikep@landmarkarchitecturalsigns.com landmarkarchitecturalsigns.com	
		APPROVAL OF THIS DRAWING HEREBY GIVES PERMISSION TO LANDMARK ARCHITECTURAL SIGNS TO BEGIN PRODUCTION OF THE SIGN(S) WITHIN THIS DOCUMENT. THE RECIPIENT AGREES THAT ALL THE COLORS, SPECIFICATIONS AND ELEVATIONS LISTED IN THIS DRAWING ARE CORRECT AND APPROVED. CHANGES MADE TO THIS DRAWING AFTER PRODUCTION HAS BEGUN WILL RESULT IN ADDITIONAL CHARGES.	
		EVEREVE 553 Chestnut St Winnetka, IL	
PROPOSED SIGN TYPE - NIGHTTIME ILLUMINATION		PROJECT TYPE: STOREFRONT BLADE SIGN WINDOW GRAPHICS	
		CUSTOMER APPROVAL: NAME: _____ DATE: _____ PROJECT CONTACT: MIKE PANKEY	
		REVISION 1: 11.30.22 CK REVISION 2: REVISION 3: REVISION 4:	
		SALES: MP DESIGN: CK DATE: 11.14.22 DWG: EVEREVE WINNETKA, IL	
		PAGE: 5	

1
5

HALO ILLUMINATED LETTERS

New Storefront Design | Finish Board



MANUFACTURER: Daltile (American)

PRODUCT NAME: Presario 12" X 24"

FINISH: Honed M024 Lumen White SKU# m02412241U

INSTALLATION: Vertical stacked bond. Grout - Mapei #01 alabaster, Flexcolor



MANUFACTURER: Tubelite

PRODUCT NAME: TU24650 Aluminum Storefront

FINISH: Anodized Aluminum, Black

INSTALLATION: 2"x6.5" storefront system with transom glass. Please refer to elevation for configuration.

<https://tubeliteinc.com/products/storefront/24650-series-storefront-framing/>



MANUFACTURER: Vitro Architectural Glass

PRODUCT NAME: Solarban 60 Insulated Glazing Unit, Clear

INSTALLATION: Please refer to elevation for configuration.

<https://www.vitroglazings.com/products/low-e-glass/solarban-60-glass/>



MANUFACTURER: First Impressions (hardware)

GLW (wood doors)

FINISH: Custom 'Kissing E' Door handles (designed and manufactured for Evereve stores only)

White Oak, satin finish

PRODUCT NAME: Anodized Aluminum, Black

INSTALLATION: Paired at main entry door, through bolt connection at wood doors.



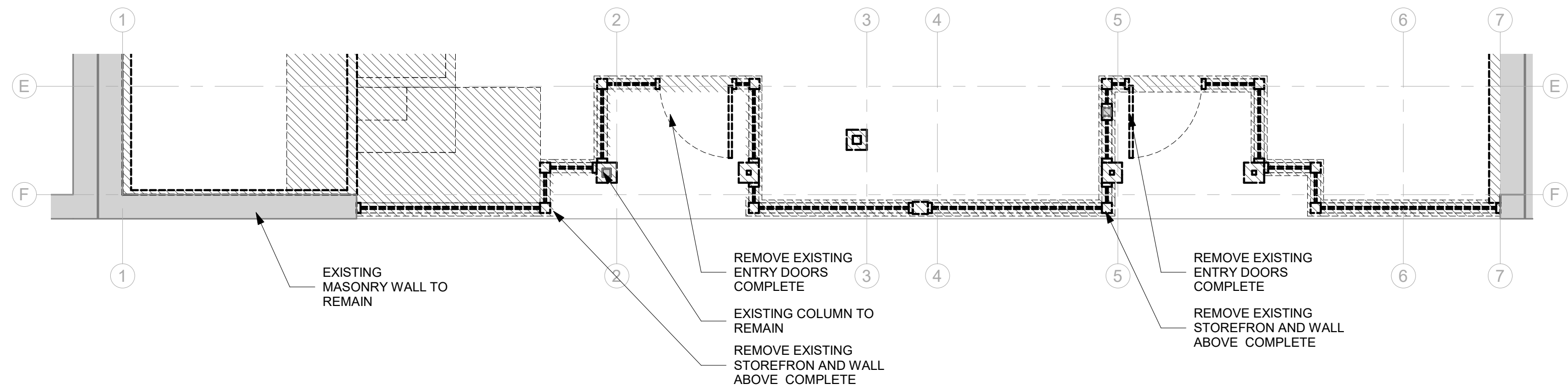
PRODUCT NAME: Nero Marquina Black Marble

SIZE: 1-1/4" X 3" Elongated Hexagon Mosaic Tile

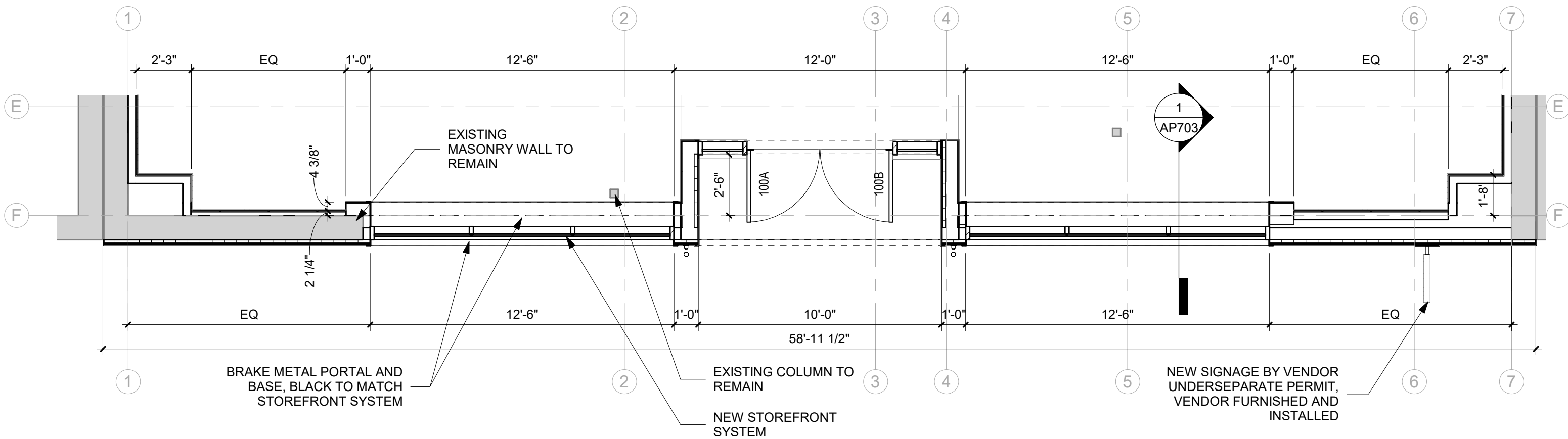
FINISH: Polished

INSTALLATION: At main entry door threshold

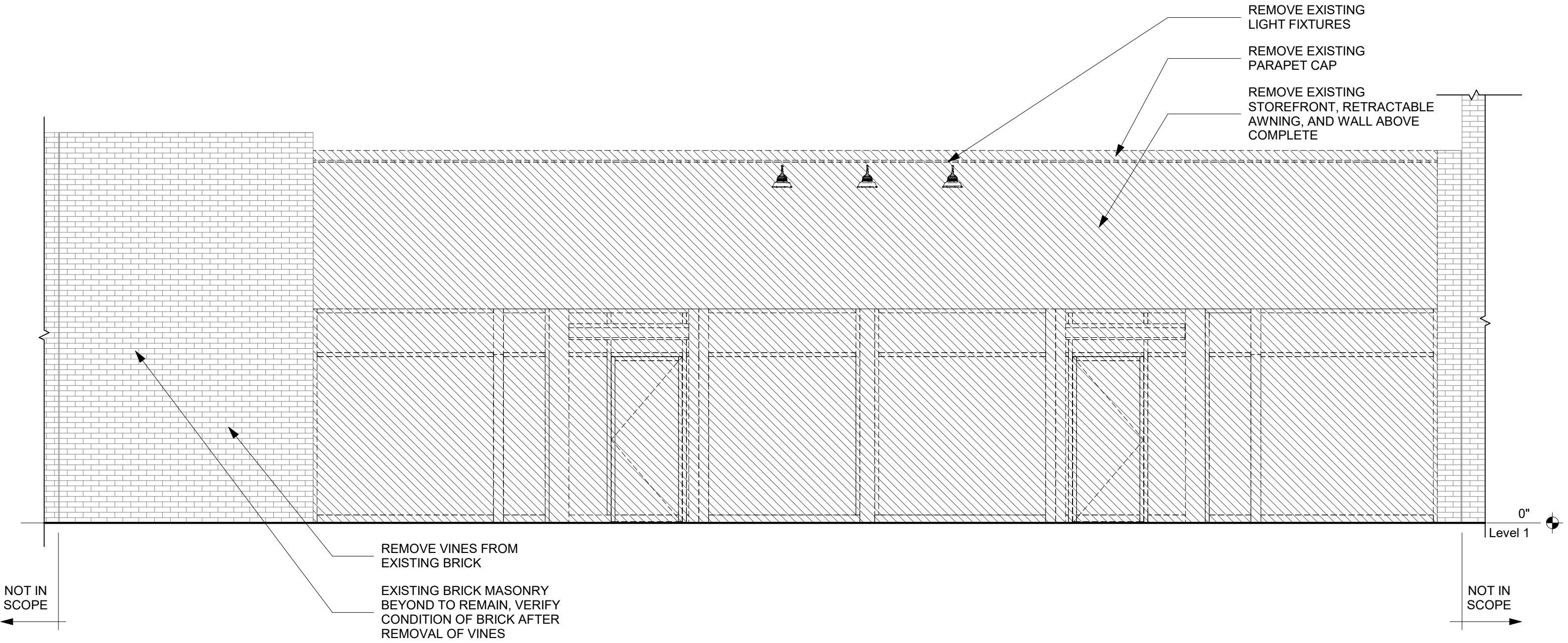
New Storefront Design | Demolition Plan



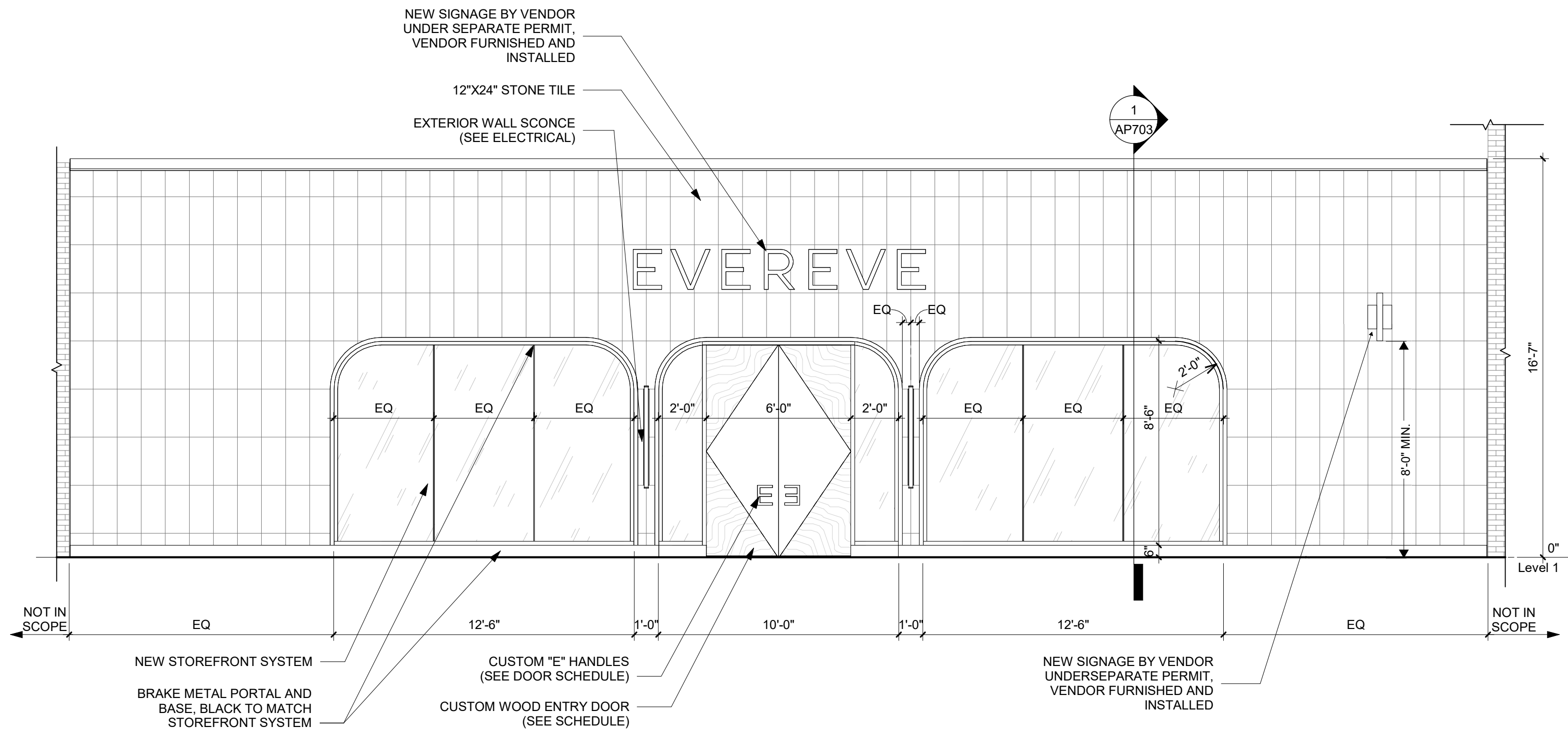
New Storefront Design | New Plan



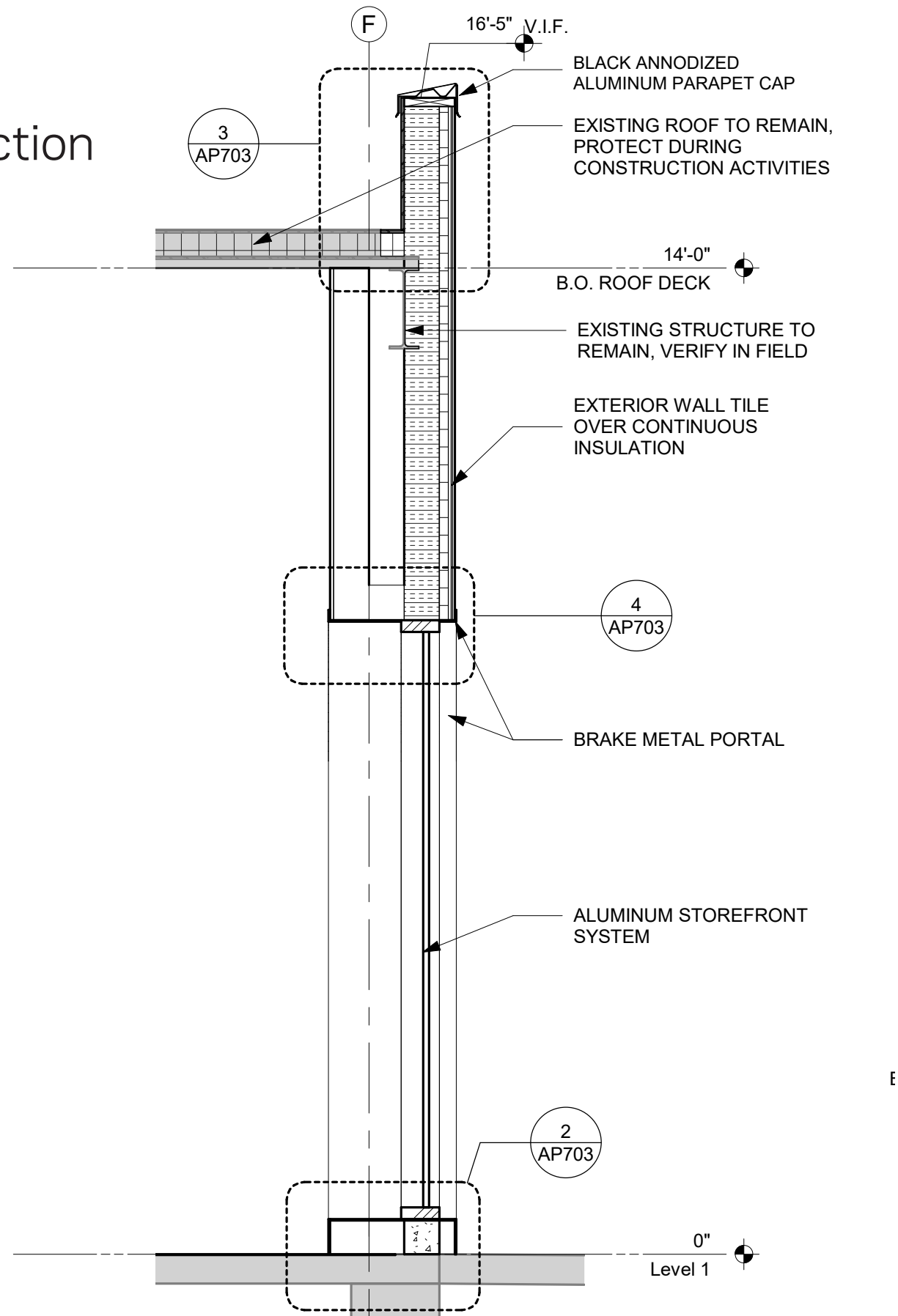
New Storefront Design | Demolition Elevation



New Storefront Design | New Elevation

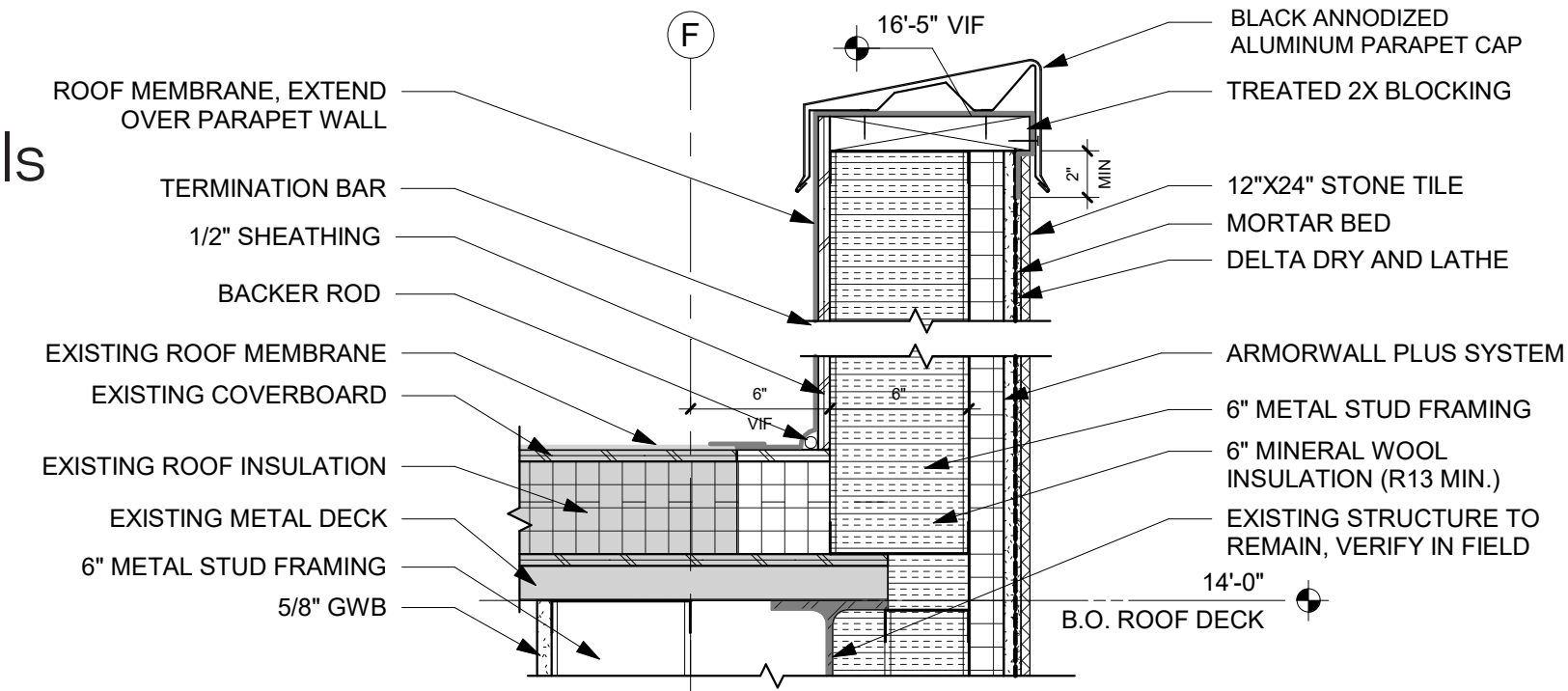


New Storefront Design | Wall Section

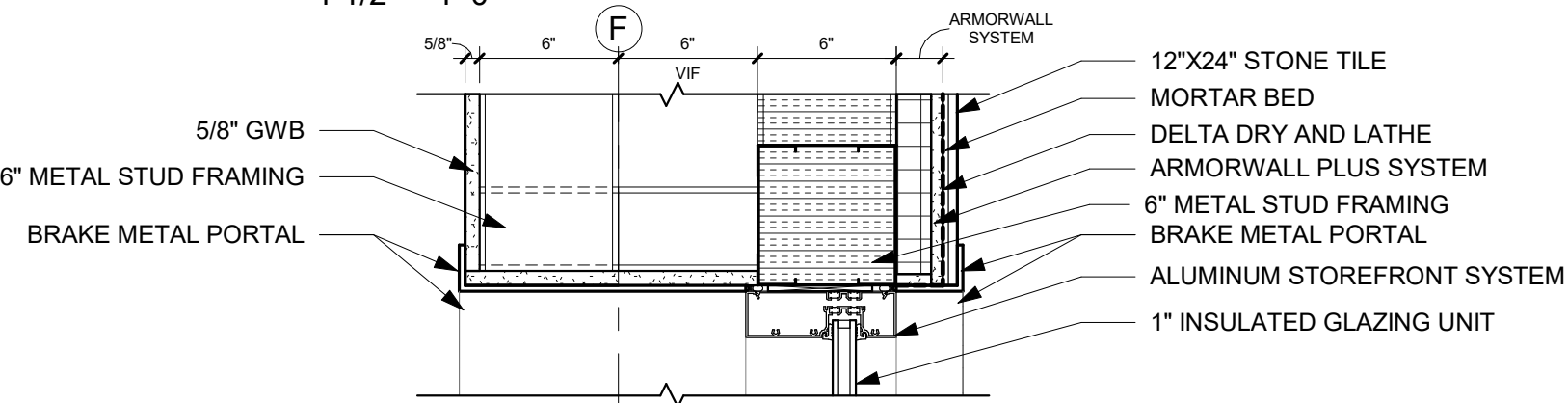


WALL SECTION - STOREFRONT
1/2" = 1'-0"

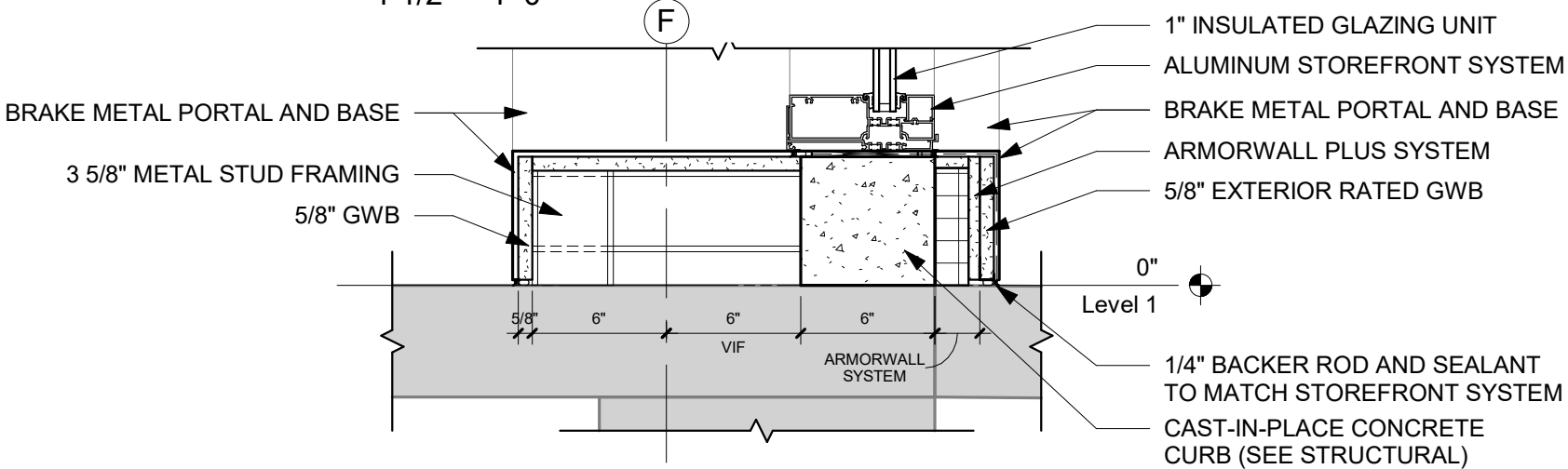
New Storefront Design | Details



SECTION DETAIL - PARAPET
1 1/2" = 1'-0"



SECTION DETAIL - STOREFRONT HEAD
1 1/2" = 1'-0"



SECTION DETAIL - STOREFRONT BASE
1 1/2" = 1'-0"

Appendix

NOTES



INTERIOR PERSPECTIVE VIEW

EXTERIOR PERSPECTIVE VIEW

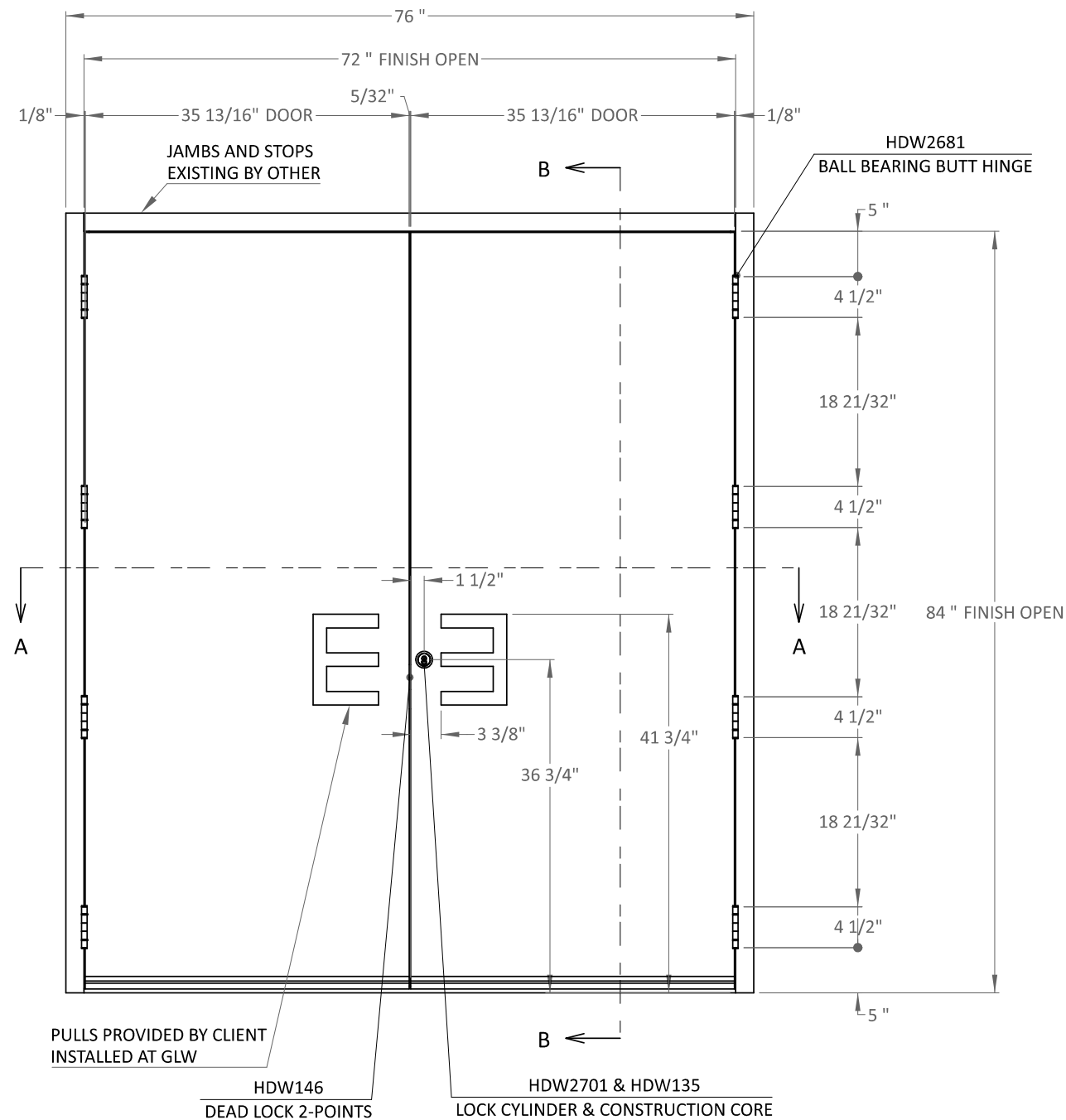
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ID	FINISH	
DATE	DRAWN BY	ISSUED FOR
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01-10-22	MT	APPROVAL
PROJECT		
EVEREVE		
DESCRIPTION		
DOUBLE DOOR ENTRY WOODBURY LAKES, MN		
FIXTURE		
EV-SFD-21112		
SHEET #		
1 / 5		
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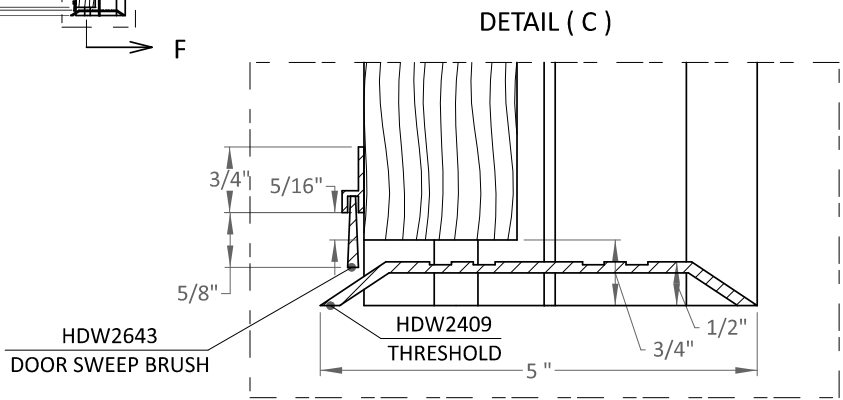
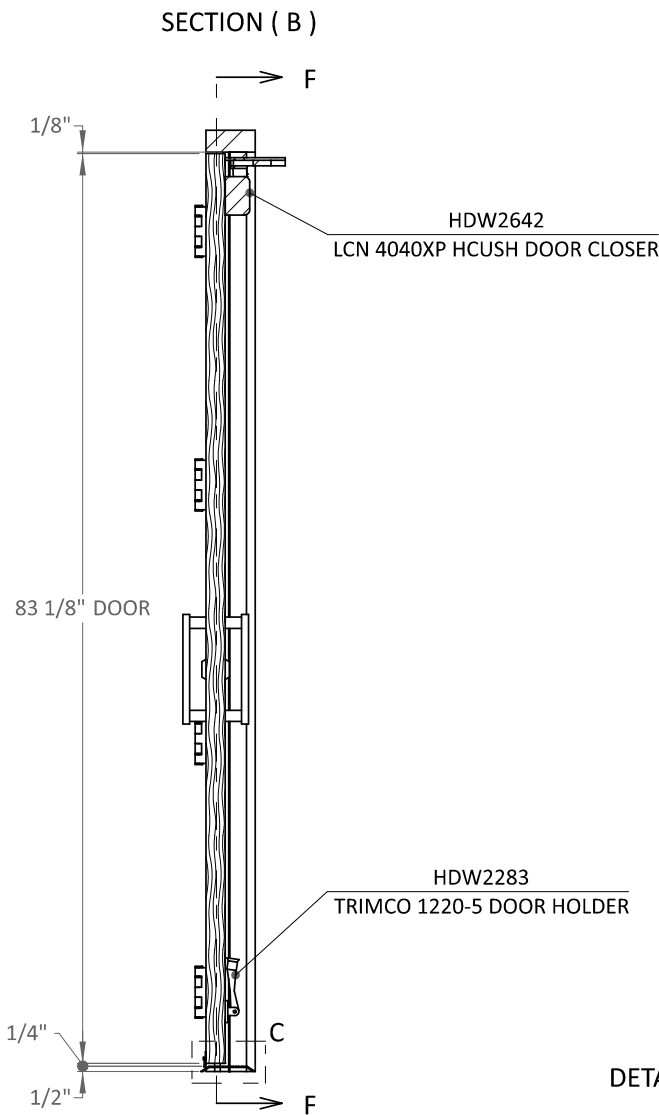
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PROJECT	EVEREVE
DESCRIPTION	DOUBLE DOOR ENTRY WOODBURY LAKES, MN
FIGURE	EV-SFD-21112
SHEET #	2/5

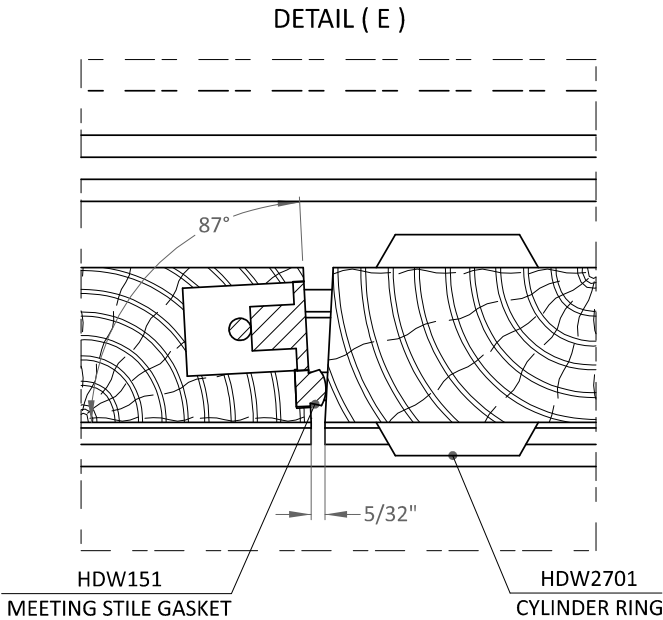
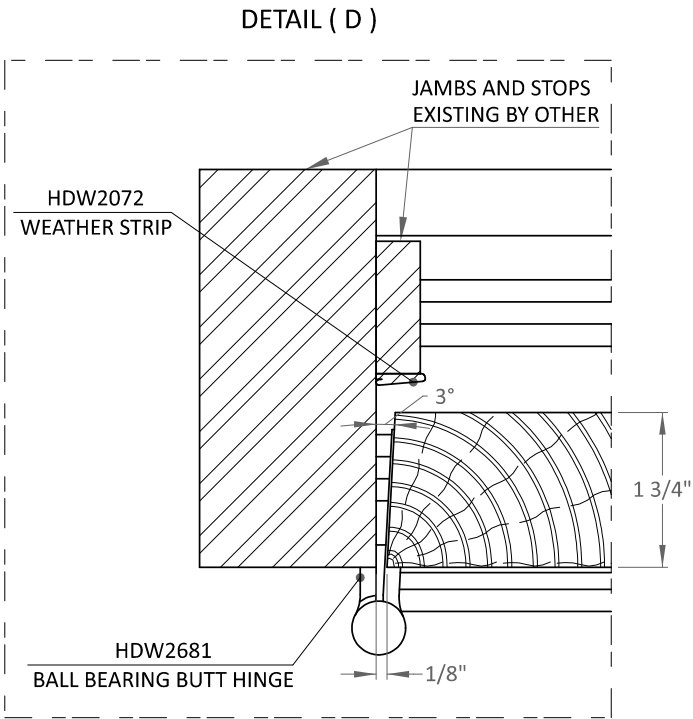
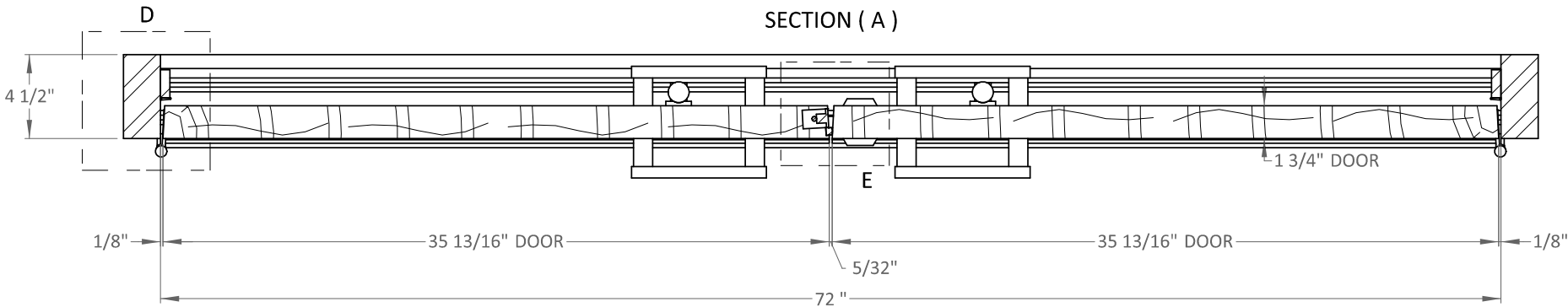
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EXTERIOR ELEVATION

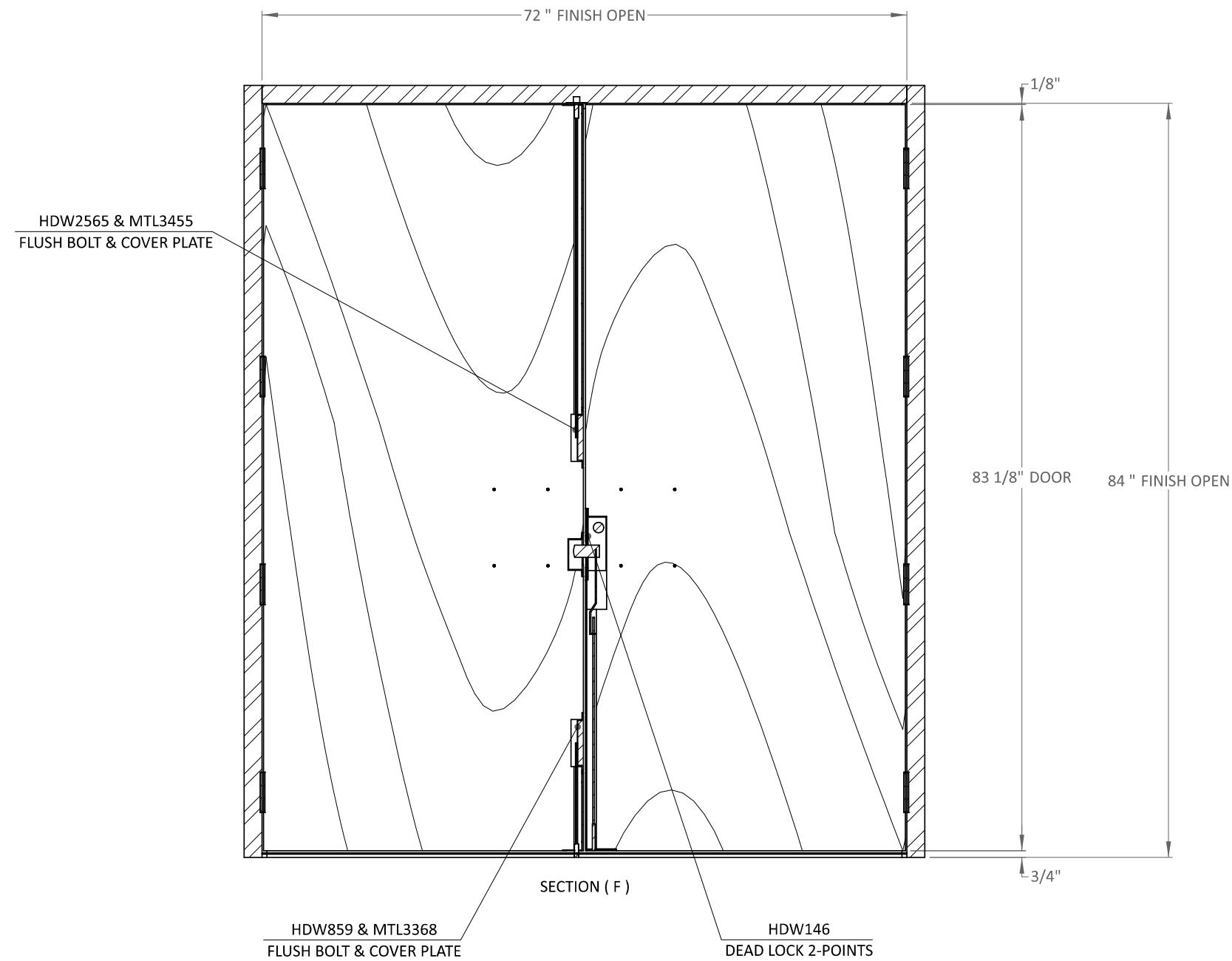


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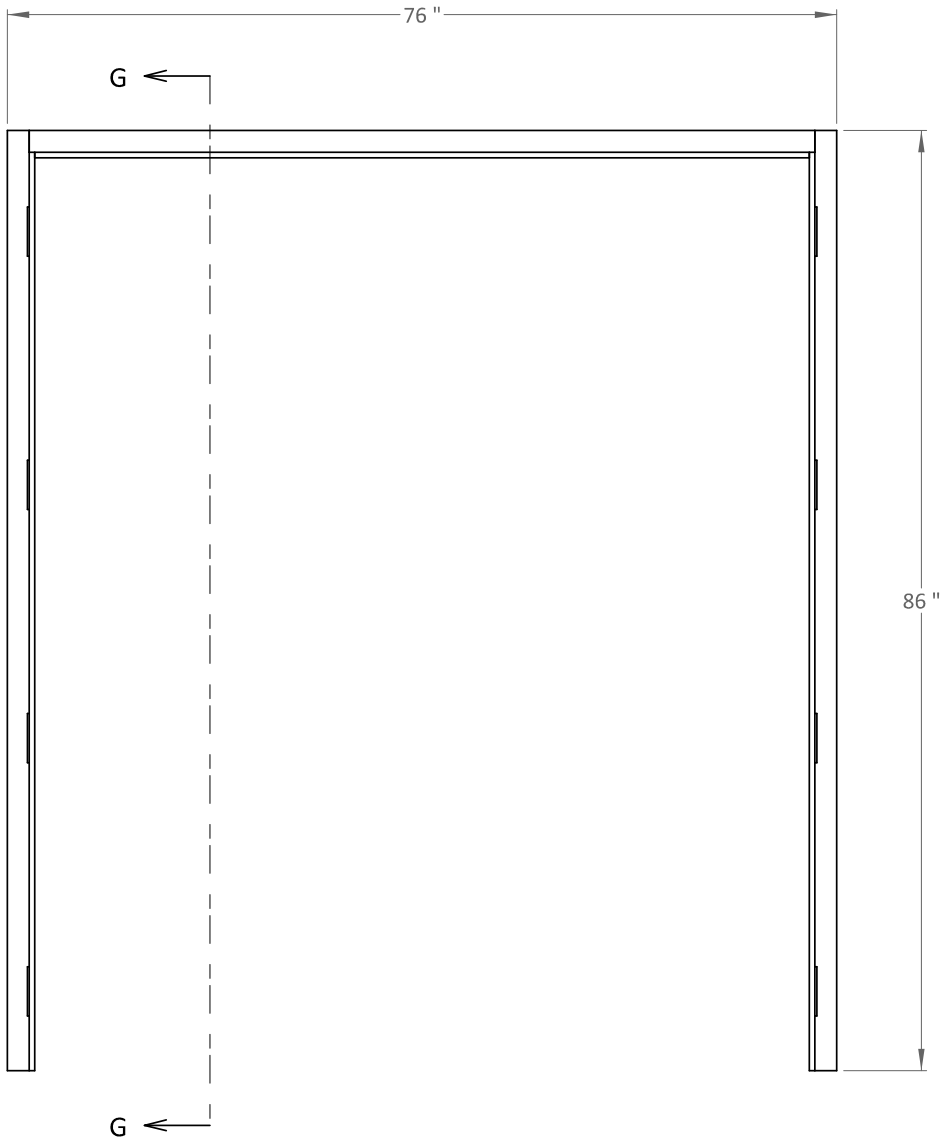
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DESCRIPTION		
DOUBLE DOOR ENTRY WOODBURY LAKES, MN		
FIGURE		
EV-SFD-21112		
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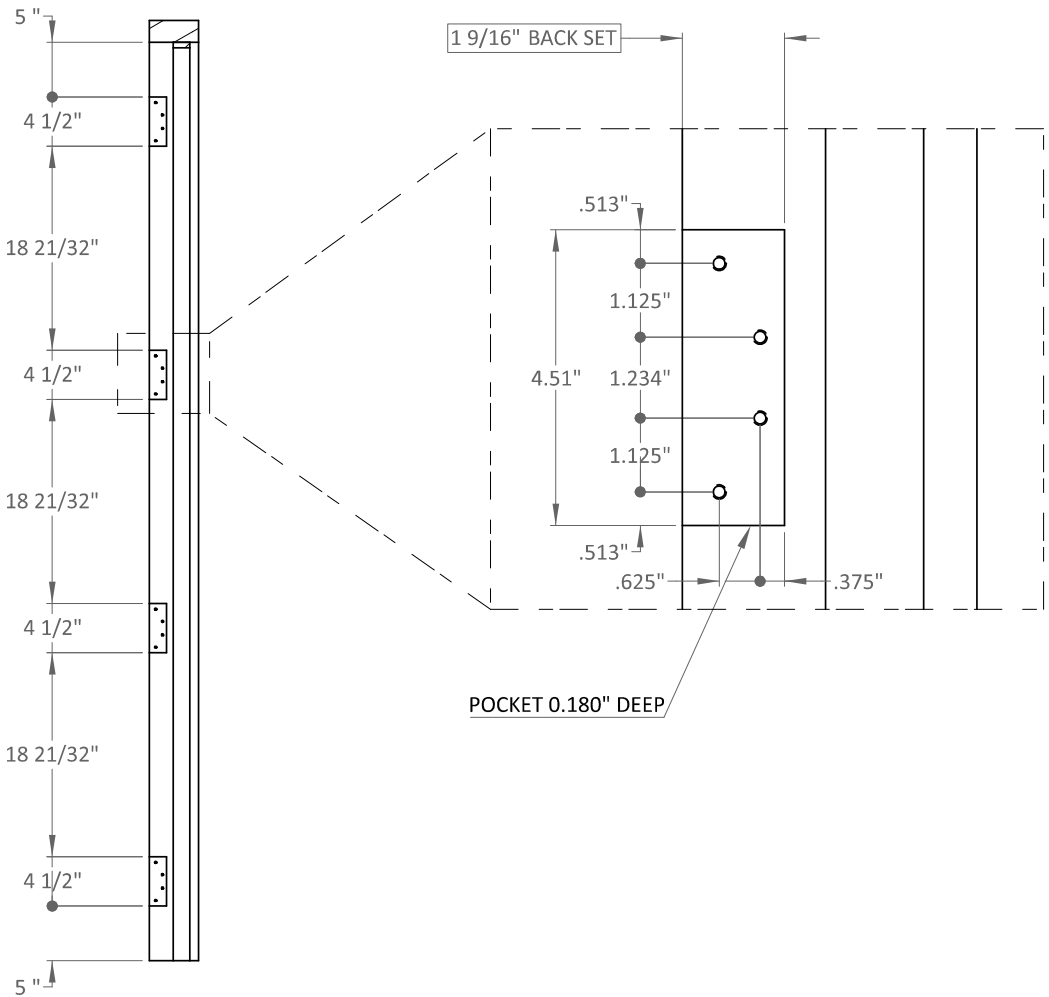


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PROJECT		
EVEREVE		
DESCRIPTION		
DOUBLE DOOR ENTRY WOODBURY LAKES, MN		
PICTURE		
EV-SFD-21112		
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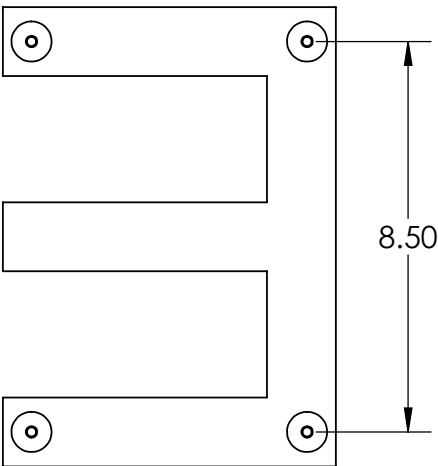
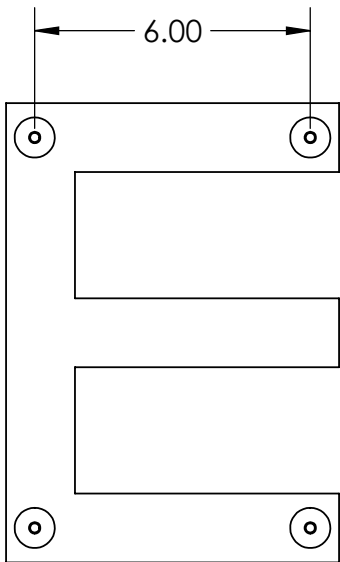
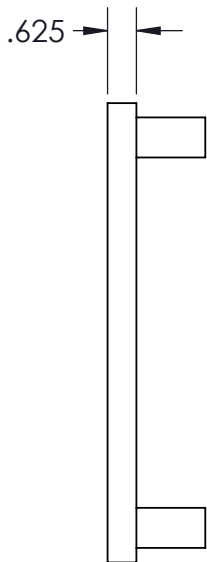
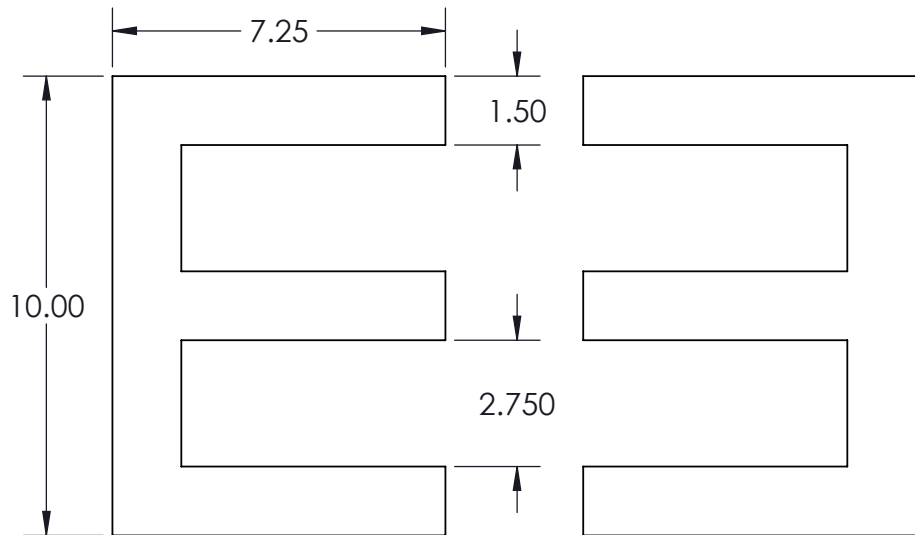
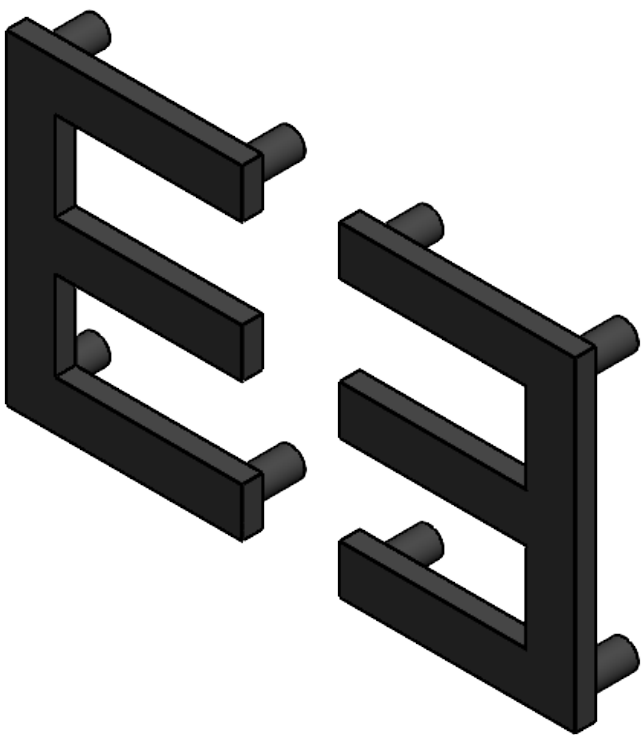
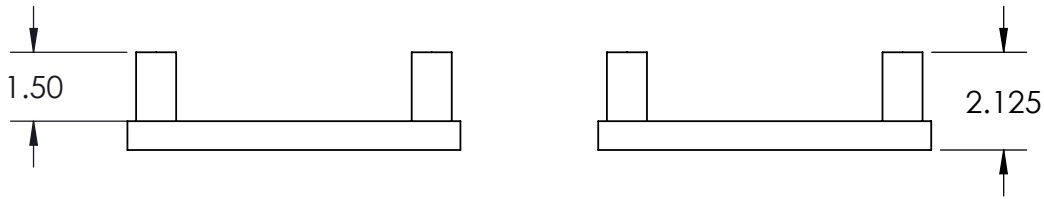


VIEW OF JAMB ONLY



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CH-22	MT	APPROVAL
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DESCRIPTION		
DOUBLE DOOR ENTRY WOODBURY LAKES, MN		
FIXTURE		
EV-SFD-21112		
SHEET #		
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APPROVED BY:

TITLE:DATE:

 First Impressions International 692-B Military Tr. Deerfield Beach, FL 33442 O: 954.419.9918 F: 954.419.9353 firstimpressionsint.com	Evereve			REVISIONS		
	Custom "E" Pull			1	12/13/2019	INITIAL RELEASE
	MATERIAL: Aluminum			2	04/09/2021	Customer Change
	FINISH: Matte Black Powder Coat			Scale: 1:4		
			WEIGHT: 5.75 lbs			

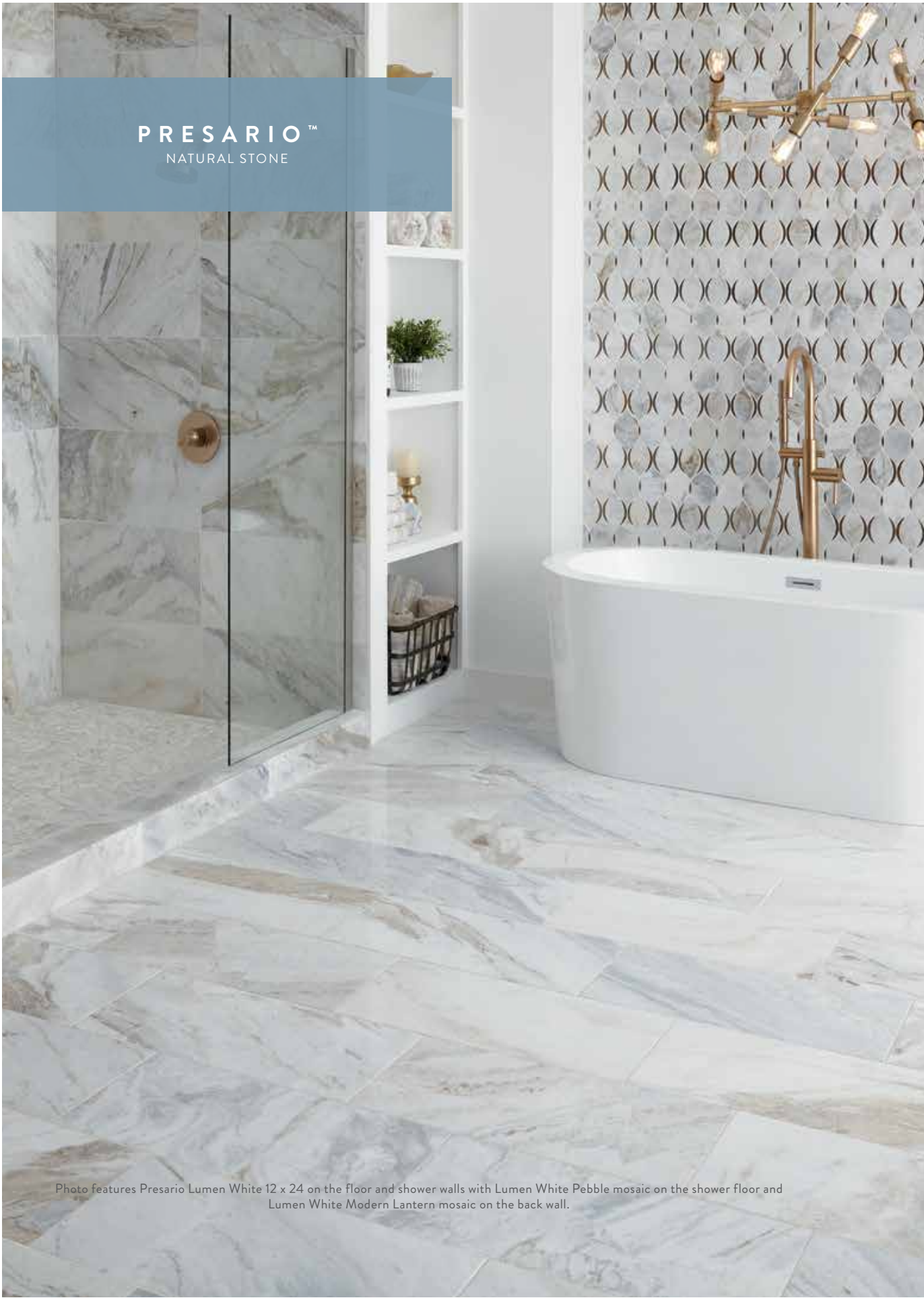


Photo features Presario Lumen White 12 x 24 on the floor and shower walls with Lumen White Pebble mosaic on the shower floor and Lumen White Modern Lantern mosaic on the back wall.

PRESARIO™ MARBLE

Natural marble stone in three cosmopolitan colors joins modern and classic into one with Presario. Captivating mix of color movement, distinguishing lines, and varied finishes in trendsetter 12x24 tile and newcomer 3x9 tile are the foundation of the collection. Create elegant designs with a Moroccan-inspired modern lantern mosaic, natural pebble mosaic, hexagon mosaic, and random linear mosaic.

MARBLE FLOOR TILE



LUMEN WHITE M024
12" x 24", 3" x 9" – Polished & Honed

MARBLE MOSAICS



LUMEN WHITE BLEND MARBLE & PORCELAIN DE52*
Modern Lantern Mosaic – Polished
* 4 sheets shown

MARBLE TRIM



LUMEN WHITE M024
3/8" x 12" Thin Pencil Rail – Honed



LUMEN WHITE M024
2" Hexagon Mosaic – Honed



LUMEN WHITE M024
Random Linear Mosaic – Split Face, Bush Hammered, & Honed



LUMEN WHITE M024
Pebble Mosaic – Tumbled

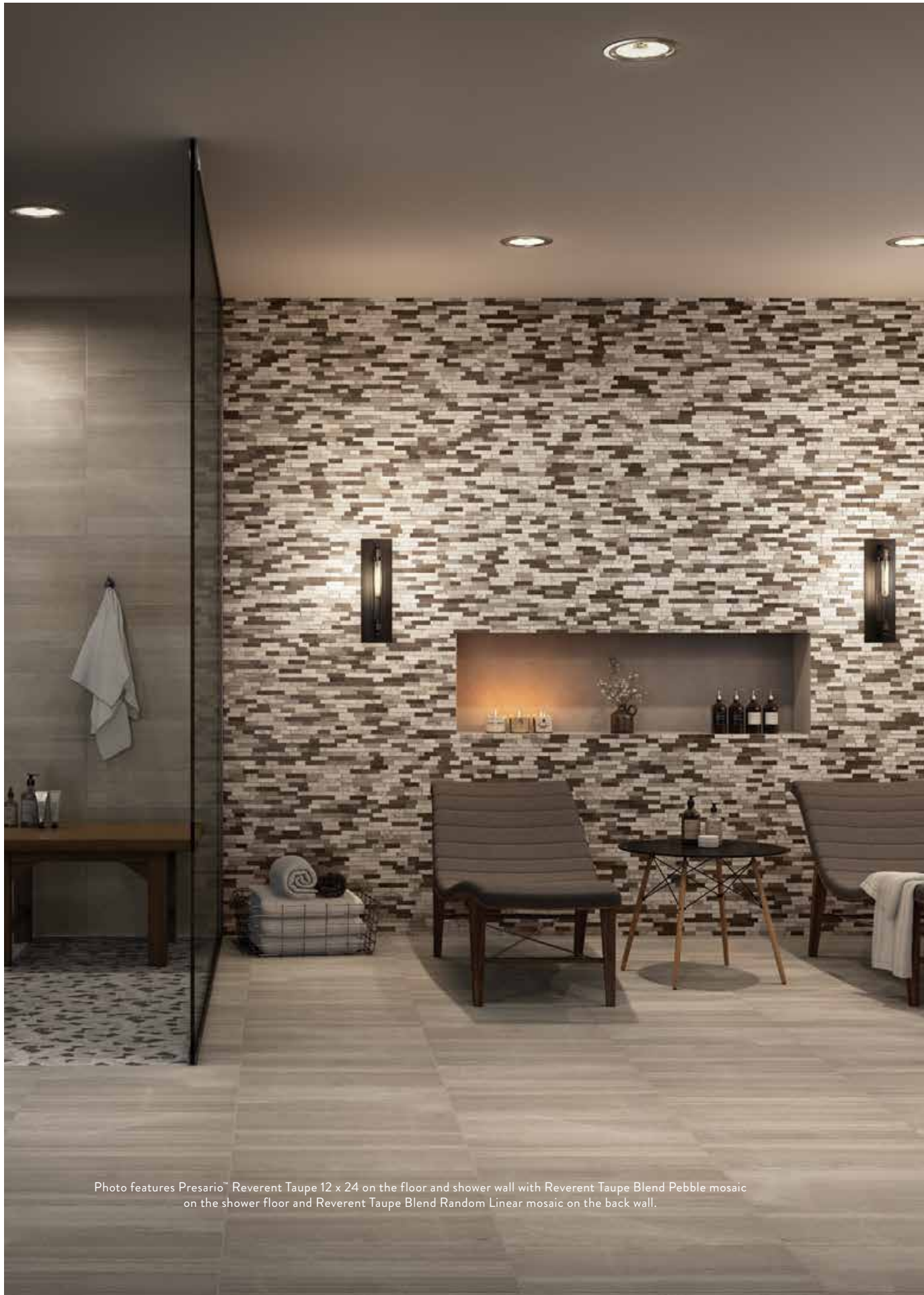


Photo features Presario™ Reverent Taupe 12 x 24 on the floor and shower wall with Reverent Taupe Blend Pebble mosaic on the shower floor and Reverent Taupe Blend Random Linear mosaic on the back wall.

PRESARIO™ MARBLE

MARBLE FLOOR TILE



META SILVER BLEND M023
12" x 24", 3" x 9" – Polished & Honed

MARBLE MOSAICS



META SILVER BLEND MARBLE & PORCELAIN DESI*
Modern Lantern Mosaic – Polished

* 4 sheets shown



META SILVER M023
Random Linear Mosaic – Split Face, Bush Hammered, & Honed

MARBLE TRIM



META SILVER M023
1/2" x 12" Petit Pencil Rail – Honed



META SILVER M023
2" Hexagon Mosaic – Honed



META SILVER M023
Pebble Mosaic – Tumbled

MARBLE FLOOR TILE



REVERENT TAUPE M022
12" x 24", 3" x 9" – Polished & Honed

MARBLE TRIM



REVERENT TAUPE M022
3/8" x 12" Thin Pencil Rail – Honed

MARBLE MOSAICS



REVERENT TAUPE BLEND MARBLE & PORCELAIN DE50*
Modern Lantern Mosaic – Polished

* 4 sheets shown



REVERENT TAUPE M022
2" Hexagon Mosaic – Honed



REVERENT TAUPE BLEND DE53



REVERENT TAUPE BLEND DE54

SIZES

			THICKNESS	SQ. FT./ CARTON	PIECES/ CARTON
	12 x 24 Floor/Wall Tile	12" x 24" (30.48 cm x 60.96 cm)	5/9" (M023) 3/8"	10.00 (M022 & M023) 12.00 (M024)	5 (M022 & M023) 6 (M024)
	3 x 9 Floor/Wall Tile	3" x 9" (10.16 cm x 30.48 cm)	5/9" (M023) 3/8"	5.06 (M022) 2.70 (M023) 5.70 (M024)	27 (M022) 15 (M023) 30 (M024)
	Modern Lantern Mosaic	11 1/8" x 7 1/4" x 3/8" (28.26 cm x 18.42 cm x 9.65 mm)	3/8"	5.58	10
	2" Hexagon Mosaic	11 3/4" x 11 3/4" x 3/8" (29.85 cm x 29.85 cm x 9.65 mm)	5/9" (M023) 3/8"	9.60 (M022 & M024) 9.00 (M023)	10 (M022 & M024) 9 (M023)
	Random Linear Mosaic	12 1/8" x 11 7/8" x 3/8" (30.8 cm x 30.16 cm x 9.65 mm)	3/8"	10.00 (M022 & M023) 9.80 (M024)	10
	Pebble Mosaic	Irregular Shape Sheet (1 SF per Sheet)	3/8"	9.90 (DE54) 9.00 (M023) 10.00 (M024)	10 (DE54 & M024) 9 (M023)

TRIM

			NUMBER	PIECES/ CARTON
	Petit Pencil Rail	1/2" x 12"	M0231/212PPR1U	110 (M023)W
	Thin Pencil Rail	3/8" x 12"	M0221/212PPR1U M0241/212PPR1U	36 (M022) 40 (M024)

NOTES

Since there are variations in all fired ceramic and natural products, tile and trim supplied for your particular installation may not match samples. Final confirmation should be made from actual tiles and trim prior to installation. Manufactured in accordance with ANSI A137.1 standards.

Not for use on ramps. Water, oil, grease, improper drainage and certain footwear can create slippery conditions. Floor applications expected to be exposed to these conditions require extra caution in product selection.

For additional information refer to "Factors to Consider" at: americanolean.com/Factors.

Special consideration needs to be given when installing tiles greater than 15 inches. Please refer to americanolean.com/LargeTiles for more information.



DuPont™ ArmorWall™ Plus Fire-Rated Structural Insulated Sheathing

5-in-1 Composite Panel for Commercial Wall Systems

FEATURES/BENEFITS

Description
DuPont™ ArmorWall™ Plus Fire-Rated (FR) Structural Insulated Sheathing (SIS) is an ICC listed, high strength, fire-resistant exterior wall sheathing product. **ArmorWall™ Plus FR SIS** offers a factory-applied, high quality air and water-resistive barrier. Once seams and fasteners have been sealed the enclosure may be considered “dried-in”, allowing interior construction to commence regardless of final exterior finish status.

ArmorWall™ Plus FR SIS incorporates five traditional building enclosure elements into a single panel product: structural sheathing, fire-resistance, air barrier, water-resistive barrier, and a high-performance continuous insulation layer. The five-in-one system of **ArmorWall™ Plus FR SIS** can replace several traditional individual components that, on their own, add cost, labor and complexity to a project.



- Applications**
ArmorWall™ Plus FR SIS is an ideal solution for the following building types:
- Institutional Buildings
 - Medical Buildings
 - High Rise Buildings
 - Public Municipal Buildings
 - Mixed-Use and Retail Buildings
 - Multifamily Buildings

- Product Benefits:**
- Top of the line fire-resistance, durability, and strength
 - Industry-leading exterior adhesion performance and compatibility with tapes, sealants, and other materials
 - Cladding no longer requires attachment back to the stud frame assembly or other substrates
 - Meets continuous insulation (ci) requirements, building codes, and construction schedules faster and cost effectively.

Panel Sizing and Insulation Factors

Panel Coverage	Total Panel Thickness	Sheathing Thickness	Insulation Thickness	R-Value	Weight ¹	SKU#
48" x 96" (32 sqft/ sheet)	2"	1/2"	1 1/2"	R10	103 lbs	APL200096
48" x 96" (32 sqft/ sheet)	2 3/4"	1/2"	2 1/4"	R15	110 lbs	APL234096
48" x 96" (32 sqft/ sheet)	3 3/4"	1/2"	3 1/4"	R21	115 lbs	APL334096

¹ Average panel weight may vary based upon environmental conditions.

PROPERTIES

Typical Physical Properties for DuPont™ ArmorWall™ Plus FR SIS

Property	Test Method	Value
Air Leakage Resistance	ASTM E2357	Pass
Air Infiltration at 75 Pa	ASTM E283	0.01 cfm/ft² (0.1 L/s/m²)
Air Infiltration at 300 Pa	ASTM E283	0.04 cfm/ft² (0.2L/s/m²)
Water Penetration at 6.27 psf (300 Pa)	ASTM 331 ¹	Pass
Mold and Mildew	ASTM C1338	Pass
Fastener Sealability ²	ASTM D1970	Pass
Fire Resistance	NFPA 285 ³	Pass
Vapor Permeance (of 2" panel)	ASTM E96 (Procedure A)	0.5 Perms (grains/hr in Hg ft²)
Flame Spread/Smoke Developed Index (facer)	ASTM E84	0 / 0
Flame Spread/Smoke Developed Index (insulation)	ASTM E84	10 / 250
Thermal Resistance	ASTM C518	6.5 per inch
Foam Compression Range	ASTM D1621	30 psi
Cladding Attachment Figures		
Fastener Withdrawal Capacity	ASTM D1761 ^{4 5}	284 lbs
Fastener Pull Through	ASTM D1761 ^{4 5}	505.2 lbs
Fastener Shear in Sheathing Only	ASTM D1761 ^{4 5}	519 lbs

¹ Total test duration two continuous hours.

² ArmorWall™ Plus FR SIS is self-sealing around cladding attachment fasteners.

³ ArmorWall™ Plus FR SIS passes NFPA 285 attached directly to the stud framing allowing most cladding installed to its exterior as inclusive to the NFPA 285 approved assembly.

⁴ Average ultimate value after thermal cycling (10 cycles) provided.

⁵ Fastener data reflects attachment to the panel not attachment to structure.

SHEAR PROPERTIES^{1 2}

Fastener Type	Min. Fastener Penetration into Framing	Panel Applied Direct to Framing (Fastener Spacing at Panel Edges in Inches)			Panel Applied Direct to Framing w/ 1/2" Gypsum on Opposite Face (Fastener Spacing at Panel Edges in Inches)
		Shear (lbs/ft) w/ Framing of Douglas - Fir - Larch or Southern Pine w/blocked perimeters			
		12"	6"	4"	6"
#14-13	1"	301 lbf (RNV)	437.5 lbf (RNV)	537.5 lbf (RNV)	570 lbf (RNV)
		150 lbf (ASD)	218.75 lbf (ASD)	268.75 lbf (ASD)	285 lbf (ASD)
		240 lbf (LFRD)	350 lbf (LFRD)	430 lbf (LFRD)	456 lbf (LFRD)

¹ Per ASTM E72 and comparable to table 2306.2 (1) of the 2015 IBC.

² Data presented is RNV (Reference Nominal Value), ASD (Allowable Stress Design), and LRFD (Load and Resistance Factor Design) as tested.

DEFLECTION PROPERTIES

	Test Method ¹	Stud Thickness ³	Span	Results
L/240	TAS 202-94	18 ga	86"	+113/-95 psf (+5400/-4560 Pa)
L/360	TAS 202-94	18 ga	86"	+113/-75 psf (+5400/-3600 Pa)
L/240	TAS 202-94	20 ga	86"	+60/-40 psf (+2880/-1920 Pa)
L/360	TAS 202-94	20 ga	86"	+60/-25 psf (+2880/-1200 Pa)
	TAS203-94 ²	18 ga		+113/-95 psf (+5400/-4560 Pa)
	TAS203-94 ²	20 ga		+60/-40 psf (+2880/-1920 Pa)

¹ Impact and Non-impact Resistance Building Envelope Components Using Uniform Static Air Pressure per Florida Building Code 6 Edition (2017) Section 1604.

² Criteria for Testing Products Subject to Cyclic Wind Pressure Loading per Florida Building Code 6 Edition (2017) Section 1604.

³ Studs Tested at 16" O.C.

TESTING

Applicable Standards

DuPont™ ArmorWall™ Plus FR SIS, when used as an approved DuPont commercial wall system, meets various ASTM Testing Standards. Applicable standards include:

- **ASTM C518** - Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus
- **ASTM C1338** - Standard Test Method for Determining Fungi Resistance of Insulation Materials and Facings
- **ASTM D1970** - Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection
- **ASTM E72** - Standard Test Methods of Conducting Strength Tests of Panels for Building Construction
- **ASTM E84** - Standard Test Method for Surface Burning Characteristics of Building Materials
- **ASTM E90** - Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements
- **ASTM E96** - Standard Test Methods for Water Vapor Transmission of Materials

- **ASTM E119 / UL 263** - Standard Test Methods for Fire Tests of Building Construction and Materials
- **ASTM E283** - Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen
- **ASTM E330** - Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference
- **ASTM E331** - Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference
- **ASTM E2357** - Standard Test Method for Determining Air Leakage Rate of Air Barrier Assemblies

Contact your DuPont sales representative or local authorities for state and local building code requirements and related acceptances.

Notice

DuPont™ ArmorWall™ Plus FR SIS complies with the following codes:

- **NFPA 285** - Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Wall Assemblies Containing Combustible Components
- **1 and 2-Hour Fire-Rated Assemblies** are located within the ArmorWall™ Structural Insulated Sheathing Rated Assemblies Handbook, with additional sound-rated assemblies
- **ICC Listed** - ICC-ES ESL-1306
- **ASHRAE 90.1-2013** - Energy Standard for Buildings Except Low-Rise Residential Buildings
- **Testing Application Standard (TAS) 202-94** - Impact & Nonimpact Resistance Building Envelope Components using Uniform Static Air Pressure”.
- **Testing Application Standard (TAS) 203-94** - Criteria for Testing Products Subject to Cyclic Wind Pressure Loading

Warranty

Ten-year limited warranty may be applicable when used as a component in the DuPont™ ArmorWall™ System. Visit www.ArmorWall.DuPont.com or contact your DuPont representative for details.

HANDLING

WARNING: For Professional Use Only – Read and follow the entire Handling section and the Safety Data Sheets carefully before use. The information below is designed to protect the user and allow for safe use and handling of DuPont™ ArmorWall™ Brand products. Follow all applicable federal, state, local and employer regulations.

Handling and Use

- **ArmorWall™ Plus FR SIS** can be cut and installed using standard jobsite hand tools.
- When being cut to size, avoid breathing dust and minimize contact with eyes.
- **ArmorWall™ Plus FR SIS** should be stored off the ground in original shipment condition until ready for installation.
- Avoid ground contact or continuous exposure to moisture and direct sunlight.
- Some skinning and direct coloration of the insulation edges is normal if exposed to UV light prior to installation; however, it does not affect the performance of the panel.
- Some cupping of the panel is expected during shipment and can be rectified during installation by beginning installation from the center of the panel and working outward per the fastener standard of the designed application.

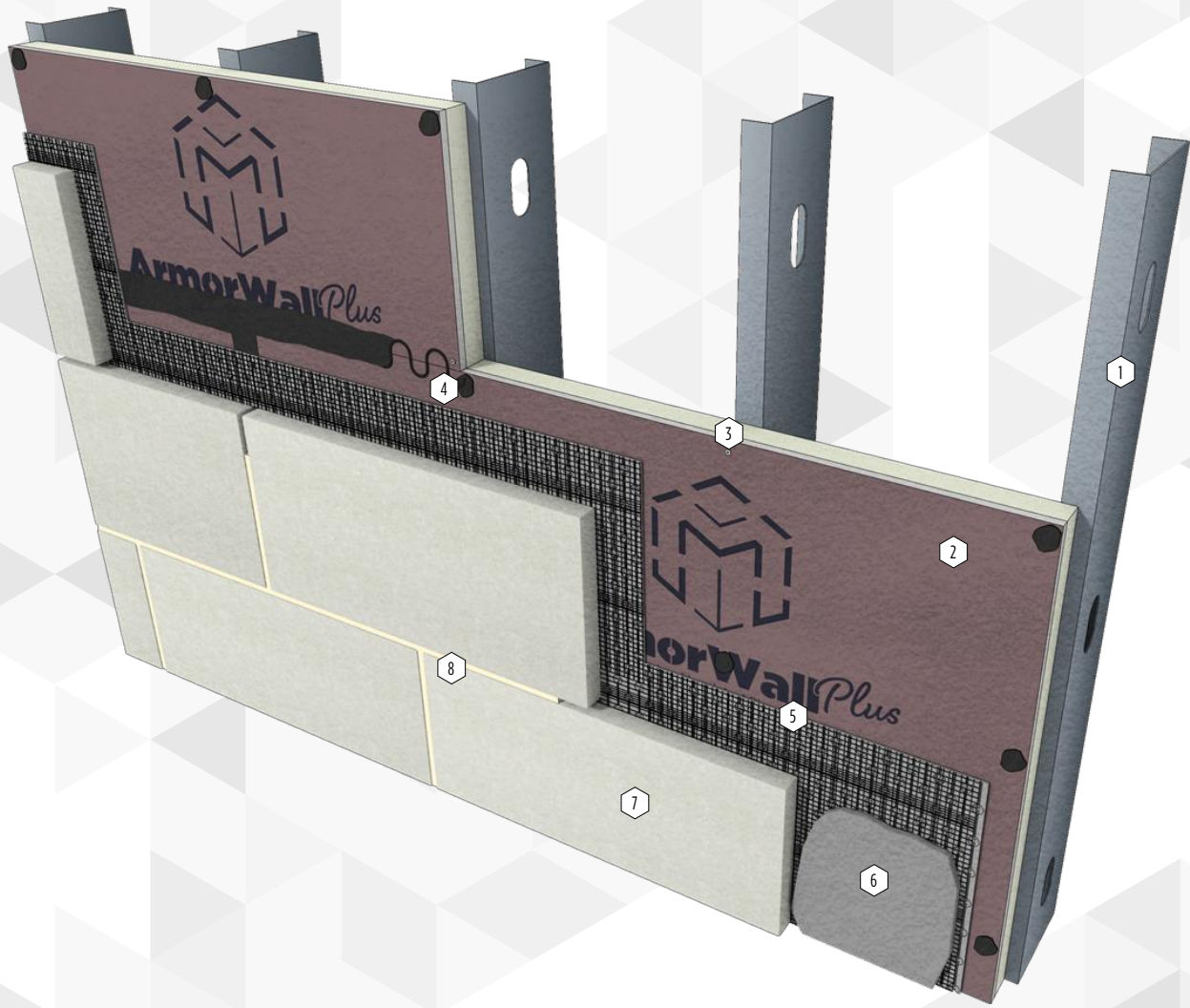
Product Limitations

- Do not install **ArmorWall™ Plus FR SIS** below grade.
- Direct applied mortar/base/bond coat stucco applications require utilization of a slip sheet or drainage plane for capillary break.
- Do **NOT** use an impact drill to fasten cladding or attachments to the panel. Maximum stud spacing is 24" O.C. Fasteners shall be placed 12" O.C. in the field. Parallel seams to studs must fall on studs and blocking is not required.
- **ArmorWall™ Plus FR SIS** can remain uncovered once installed on the wall assembly for a period not to exceed 180 days. When implemented behind open joint rainscreen systems, **ArmorWall™ Plus FR SIS** has a maximum gap allowance of 3/8". Contact Customer Services for exposure longer than 180 days or for gaps greater than 3/8".



For more information visit us at armorwall.dupont.com or call 1-800-448-9835

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1: Metal Stud Frame
2: ArmorWall Plus Structural Insulated Sheathing (R10, R15, or R21 Standard)
3: #14-13 Self Tapping Screw
4: ArmorSeal Sealant (Gunnable Grade) at all Seams and Fasteners
5: Delta Dry and Lath Attached with #10-9 Gimlet Point Self Tapping Screw
6: Veneer Mortar
7: Adhered Stone Tile
8: Standard Pointing Mortar



1-844-MAX4YOU
(1-844-629-4968)
www.maxlifeindustries.com

Mail To:
MaxLife Industries
P.O. Box 2128
Salisbury, NC 28145

Ship To:
4995 South Main Street
Salisbury, North Carolina 28147

DETAIL TITLE:
ADHERED STONE TILE ON ARMORWALL PLUS TO
METAL STUD FRAME FIELD OF WALL

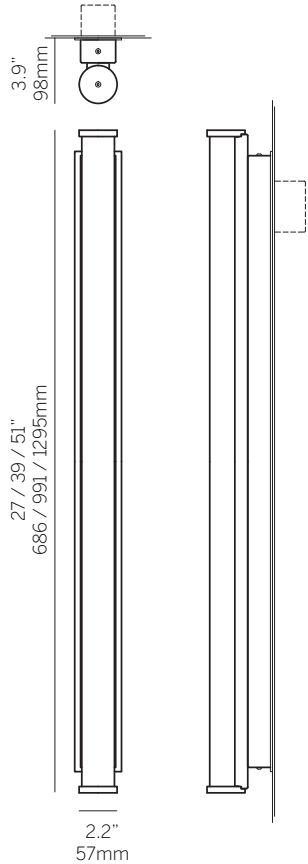
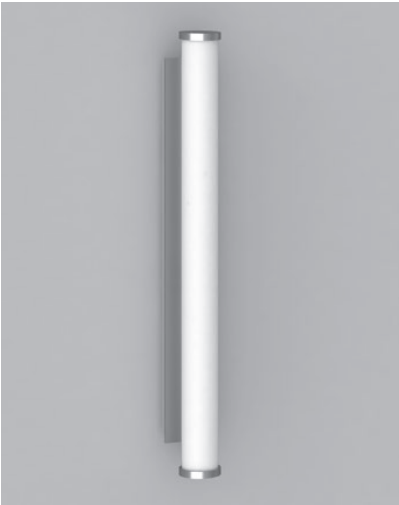
DETAIL NO.:
SCALE:
NTS

REVISION:
01

NOTES:
- ALWAYS FOLLOW ADHERED STONE MASONRY INSTALLATION GUIDELINES.

Sigma

Wall sconce with formed aluminum housing and machined end caps. Diffuser is Clear Satin Acrylic. The fixture can be arranged vertically or horizontally.



Notes
¹Nominal lumens
²82 CRI standard / 90 CRI available
³For wet location all controls are remote
For up to date technical information, refer to inter-lux.com/alm

inter•lux

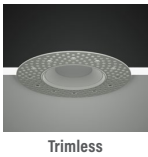
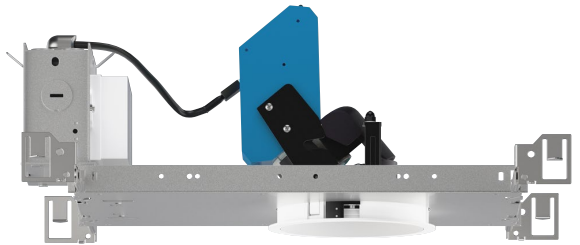
Model 1740		1740
Type		
W	Wall	W
Size		
27	27"	
39	39"	
51	51"	
Custom		
Wattage ¹		
27"		
L	6W (800lm)	
M	12W (1486lm)	
H	20W (2348lm)	
39"		
L	9W (1200lm)	
M	18W (2229lm)	
H	30W (3522lm)	
51"		
L	12W (1600lm)	
M	24W (2972lm)	
H	40W (4696lm)	
Wet location		
27"		
M	10W (750lm)	
39"		
M	14W (1125lm)	
51"		
M	19W (1500lm)	
Color Temp ²		
827	2700	
830	3000	
835	3500	
840	4000	
Voltage		
U	120/277	
I	120VAC only	
Control (24V) ³		
S	Non-dim (Integral)	
D010	0-10V 10% (Integral)	
DFPN	Lutron Forward Phase 1% 120VAC (Integral)	
L3DAE	Lutron Hi-lume 1% EcoSystem (Integral)	
L3D0E	Lutron Hi-lume Premier 0.1% EcoSystem (Remote)	
Diffuser		
SA	Satin clear acrylic	SA
Finish ³		
19	Painted anodized aluminum - RAL 9006 matte	
21	Painted white - RAL 9010 matte	
22	Painted custom color	
Options		
EC	Chrome end caps	
WL	Wet location	



inter-lux.com/alm

NU4

Round Adjustable Standard White



FEATURES

- True 40° Tilt with <5% beam disruption (clipping)
- Zero ceiling line obstruction at Full Tilt
- Concentric Tilt Tracking ensures minimal light loss
- 9° - 55° optical beam control
- UGR <5
- Multiple mounting, glare control options, trims, and finishes available

LED

- 90 CRI: SDCM = 2-step MacAdam Ellipse, Lumen Maintenance: L₇₀ > 66,000 hrs
- 80 CRI: SDCM = 2-step MacAdam Ellipse, Lumen Maintenance: L₇₀ > 66,000 hrs

DIMMING AND CONTROLS

- eldoLED flicker free 0-10V dimming to 0% and 1%
- eldoLED flicker free DALI dimming to 0% and 1%
- DMX dim to zero
- Lutron Hi-lumen 2-Wire (Triac and Eco System) dimming to 0.1% and 1%
- Leading & trailing edge (Triac/ELV) dimming to 1%
- Casambi bluetooth dimming to 0.1%
- nLight control interface dimming to 0%

LISTING

- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP65 with lens - Suitable for wet locations with lens - Suitable for damp locations without lens
- Non-conductive, dead-front construction (shower approved)
- Made in the USA - meets the requirements of the Buy American provision within the ARRA
- NSF/ANSI-2 with lens
- 5 Year Limited warranty

CONSTRUCTION

- Shatter proof acrylic bezel lens
- Lexan™ (PC) Optimal connectivity for wireless control signal. Impact and chemical resistant at the highest level. Withstands temperatures up to 240°F.
- Electrocoated 16-gague cold-rolled steel construction
- Accommodates ceiling thickness from 0.4" to 2.0"

ELECTRICAL

- 120V-277V, 120 only Triac / ELV
- Power factory ≥ 0.9
- 2kV driver input surge protection
- Remote emergency test switch
- 7W, 10W (T20 CEC) and 12W EM 90min battery
- Max. ambient installation temperature 95°F (35°C)

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

20° - 55° BEAM (Note: Specifications are subject to change without notice)		
9mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	880LM @30K/80CRI	9W
15LM	1280LM @30K/80CRI	13W
20LM	1670LM @30K/80CRI	17W
25LM	2020LM @30K/80CRI	22W
30LM	2410LM @30K/80CRI	27W
35LM	2840LM @30K/80CRI	34W
40LM	3180LM @30K/80CRI	40W
10LM	740LM @30K/90CRI	9W
15LM	1080LM @30K/90CRI	13W
20LM	1410LM @30K/90CRI	17W
25LM	1710LM @30K/90CRI	22W
30LM	2030LM @30K/90CRI	27W
35LM	2410LM @30K/90CRI	34W
40LM	2710LM @30K/90CRI	40W
Notes	Delivered lumens based on 35D optic with no lens, (see page 2)	

COB



15° BEAM (Note: Specifications are subject to change without notice)		
6mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	870LM @30K/80CRI	11W
15LM	1220LM @30K/80CRI	19W
20LM	1550LM @30K/80CRI	31W
10LM	730LM @30K/90CRI	11W
15LM	1025LM @30K/90CRI	19W
20LM	1310LM @30K/90CRI	31W
Notes	Delivered lumens based on 15D optic with no lens, (see page 2)	

9.5° BEAM (Note: Specifications are subject to change without notice)		
4.5mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	705LM @30K/80CRI	17.5W
10LM	595LM @30K/90CRI	17.5W
Notes	Delivered lumens based on 9D optic with SBL lens, (see page 2)	

9°- 55° BEAM ORDERING CODE												
SERIES	NU4	NU4										
TYPE	RA	round adjustable										
	RAT	round adjustable trimless										
	RATMW	round adjustable trimless millwork										
LED	SW	standard white										
DELIVERED LUMENS	10LM	880 lm										
	15LM	1280 lm										
	20LM	1670 lm										
	25LM	2020 lm										
	30LM	2410 lm										
	35LM	2840 lm										
	40LM	3180 lm										
Standard Configuration: 3000K 80CRI 35D NL Calculated Delivered Lumens = [Delivered Lumen Value] x [CCT Multiplier] x [Optic Multiplier] x [Lens Multiplier]												
CCT	27K	2700K	CCT		2700K		3000K		3500K		4000K	
	30K	3000K	CRI		80+	90+	80+	90+	80+	90+	80+	90+
	35K	3500K	CCT MULTIPLIER FOR LUMEN OUTPUT		0.96	0.81	1.00	0.85	1.03	0.88	1.06	0.91
	40K	4000K										
CRI	80	80 CRI										
	90	90 CRI										
OPTIC & LM MULTIPLIER SEE PAGE 3	9D ¹	9.5 degrees (0.80)										
	15D ²	15 degrees (1.05)										
	20D	20 degrees (0.93)										
	25D	25 degrees (0.96)										
	35D	35 degrees (1.00)										
	55D	55 degrees (0.97)										
TIR OPTIC ACCESSORY SEE PAGE 3	NA	no accessory (1.00)										
	HCL	honeycomb louver (0.85)										
	HETA	high efficiency textured lens, similar to Solite™ (0.90)										
	EA ³	elliptical lens (0.90)										
	Attached to TIR optic, active											
BEZEL LENS SEE PAGE 3	NL ⁴	no lens (1.00)										
	CL	clear lens (0.98)										
	DL	diffused lens (0.91)										
	HET	high efficiency textured lens, similar to Solite™ (0.92)										
	SBL	smoothing beam lens (0.92)										
TRIM COLOR SEE PAGE 3	BK	black										
	WH	white										
	MC	matte chrome										
	BZ	bronze										
	WT	wheat										
Not applicable to trimless option. Do not include in trimless ordering code.												
BEZEL COLOR SEE PAGE 3	BK	black										
	WH	white										
	MC	matte chrome										
	BZ	bronze										
	WT	wheat										

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

9° - 55° BEAM ORDERING CODE		
MOUNTING OPTIONS SEE PAGE 6, 7	NC	new construction with ceiling fitting plate
	IC ⁵	insulation contact housing
	ICAT ⁵	insulation contact/airtight housing
	CP ⁵	chicago plenum housing
VOLTAGE	RET	retrofit, no ceiling fitting plate
	120	120V
	UNV	120V-277V
DIMMING	DIM10 ⁶	eldoLED flicker free 0-10V dimming to 1%
	DIM10Z ⁶	eldoLED flicker free 0-10V dimming to 0%
	DALI ⁶	eldoLED flicker free DALI dimming to 1%
	DALIZ ⁶	eldoLED flicker free DALI dimming to 0%
	DMXZ	DMX dim to zero
	LTE ⁷	Lutron Hi-lume 2-Wire (Triac) dimming to 1%
	LUT	Lutron Hi-lume Ecosystem dimming to 1%, Soft-on & Fade-to-Black
	LUTP ⁸	Lutron Hi-lume Premier Ecosystem dimming to 0.1%, Soft-on & Fade-to-Black
	ELV1 ⁹	leading & trailing edge (Triac/ELV) dimming to 1%
	NLT	nLight control interface: standard Cat-5/RJ45 connection (female), dimming to 0%
ELECTRICAL OPTIONS	CAS	Casambi Bluetooth control with flicker free 0.1% dimming
	EM7	emergency battery backup, 90 minutes at 7W to LED
	EMI2	emergency battery backup, 90 minutes at 12W to LED
	EMI0CA20	emergency battery backup, 90 minutes at 10W to LED, CA title 20
SPECIAL SEE PAGE 7	TC	thick ceiling application

ADDITIONAL MOUNTING INFO

New Construction Bar Hangers (included)	Mounting Length: 14-3/4" to 26"
Extension Kit p/n: K20266 (ordered separately, 1 per fixture)	Extends a pair of Bar Hangers Total Mounting Length: 29" to 48"

YOUR COMPLETED ORDERING CODE

Follow the steps to specify your fixture, example:

NU4 - RA - SW - 20LM - 35K - 90 - 35D - NA - HET - WH - WH - NC - UNV - DIM10 - EM7 - TC

Power Factor ≥ 0.9

NOTES

1. 9D only available in 10LM. Not available in IC/ICAT/CP.
2. 15D only available in 10LM, 15LM and 20LM. Not available with DL lens options. Not available for 20LM in IC/ICAT/CP and LUT/LUTP dimming.
3. Elliptical lens not available with 9D and 15D optics. Actual beam distributions for optic [20D= 35° x 60°, 25D= 40° x 65°, 35D= 45° x 70°, 55D= 55° x 80°]
4. NL option does not meet requirement for dead-front, airtight, wet and NSF. It is damp location rated.
5. IC/ICAT/CP not available in 30LM, 35LM and 40LM.
6. Driver uses logarithmic dimming curve as standard. For linear dimming curve, add "LIN" after dimming code, i.e. DIM10LIN.
7. LTE not available in 10LM only with 20D, 25D, 35D and 55D. LTE dimming available in 120V only.
8. LUTP not available in 25LM, 30LM, 35LM or 40LM. Not available in 20LM only with 15D.
9. ELV1 not available in 10LM only with 20D, 25D, 35D and 55D. Triac/ELV dimming available in 120V only.

PROJECT INFORMATION		
JOB NAME	TYPE	
ORDERING CODE		

TRIM OPTIONS

TRIM/BEZEL COLORS



OPTICAL OPTIONS

- UGR calculation based on CIE 117-1995; room size: 4H X 8H, reflectance: 70/50/20;
- UGR calculation based on 15LM fixtures, unless otherwise noted.

TIR OPTIC ACCESSORY

Honeycomb Louver



OPTIC	BEAM ANGLE	UGR
20D	16.9	≤5
25D	22.5	≤5
35D	28.5	≤5
55D	45.9	10.5

NL

No Lens



OPTIC	BEAM ANGLE	UGR
15D	13.6	≤5
20D	18.3	≤5
25D	23.9	≤5
35D	30.8	≤5
55D	51.1	13.1

CL

Clear Lens



OPTIC	BEAM ANGLE	UGR
15D	13.7	≤5
20D	20.1	≤5
25D	25.5	≤5
35D	34.4	7.5
55D	52.9	14

DL

Diffused Lens



OPTIC	BEAM ANGLE	UGR
20D	38.3	15.7
25D	41.5	17.2
35D	45	18.2
55D	57.8	20.9

HET

High Efficiency Textured Lens



OPTIC	BEAM ANGLE	UGR
20D	24.9	≤5
25D	28.7	8.8
35D	34	9.9
55D	51.6	15.7

SBL

Smoother Beam Lens



OPTIC	BEAM ANGLE	UGR
9D*	9.5	8.2
15D	17	≤5
20D	21	≤5
25D	26.5	6.3
35D	33.3	8.1
55D	52.8	14.8

* UGR Calculation based on 10LM for 9D.

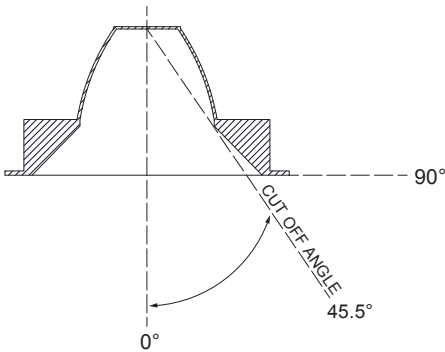
GLARE CONTROL

CUT-OFF ANGLE

Visual comfort is achieved with a lower cut-off angle due to improved glare control. The smaller the cut-off angle, the easier it is on the eye.

Alphabet downlights have been thoughtfully engineered to eliminate glare while still delivering functional illumination.

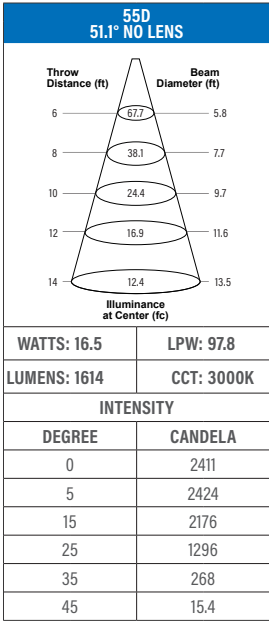
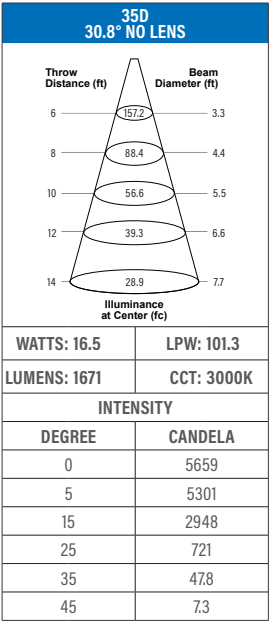
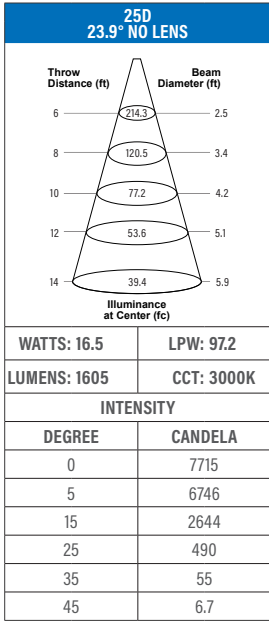
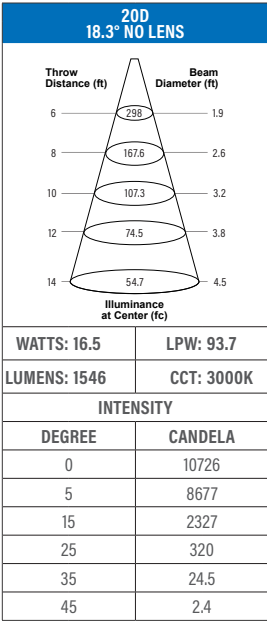
- Cutoff angle of NL and CL is 45.5 degrees;



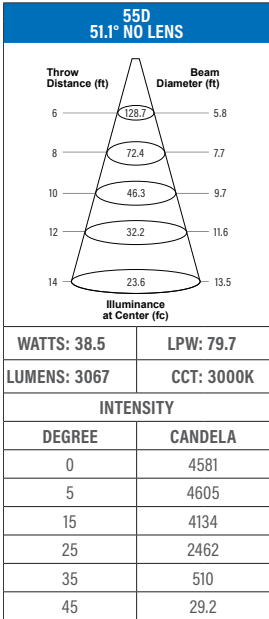
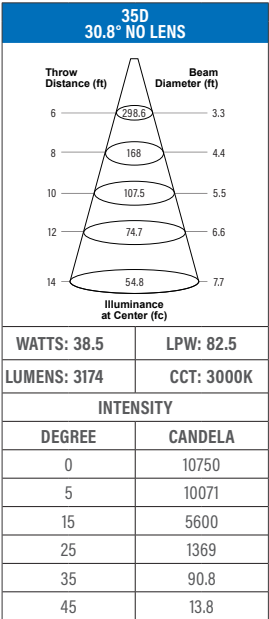
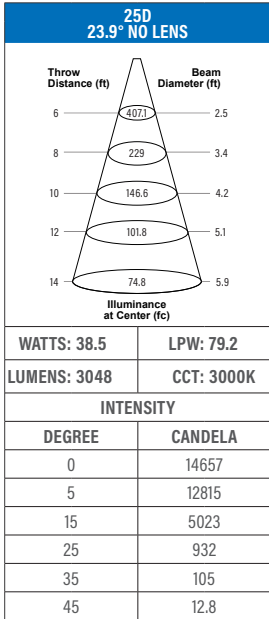
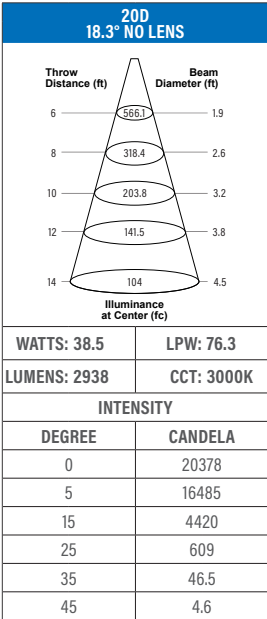
PROJECT INFORMATION		
JOB NAME	TYPE	
ORDERING CODE		

PHOTOMETRIC DATA

20LM CCT MULTIPLIERS		
	80CRI	90CRI
2700K	0.96	0.81
3000K	1	0.85
3500K	1.03	0.88
4000K	1.06	0.91
FC Formula = CBCP / Distance²		

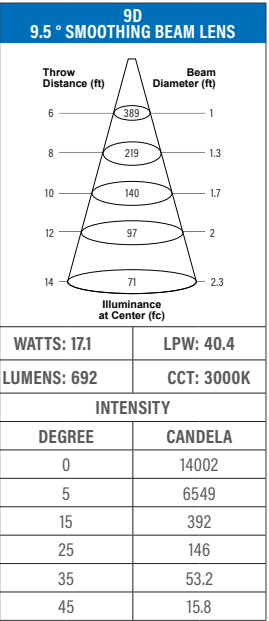
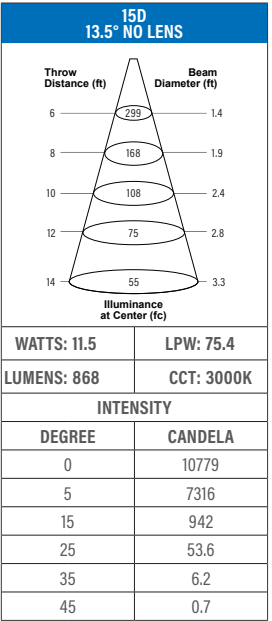


40LM CCT MULTIPLIERS		
	80CRI	90CRI
2700K	0.96	0.81
3000K	1	0.85
3500K	1.03	0.88
4000K	1.06	0.91
FC Formula = CBCP / Distance²		

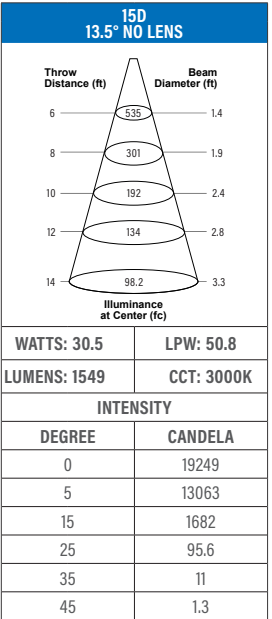


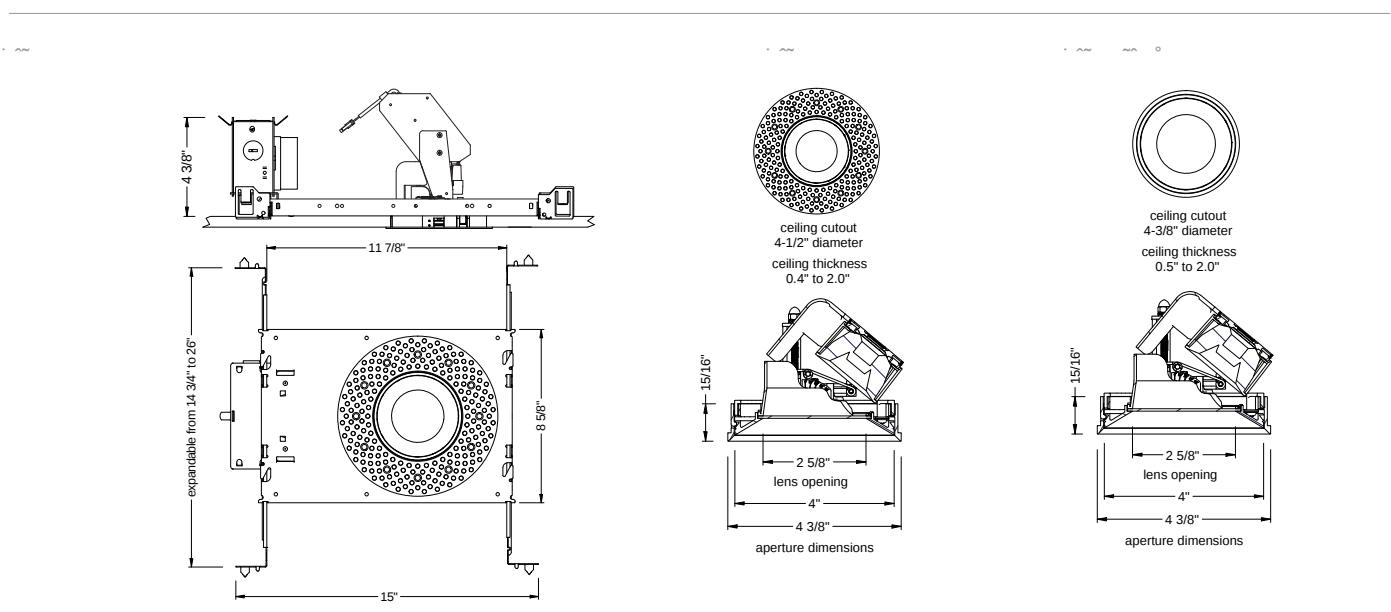
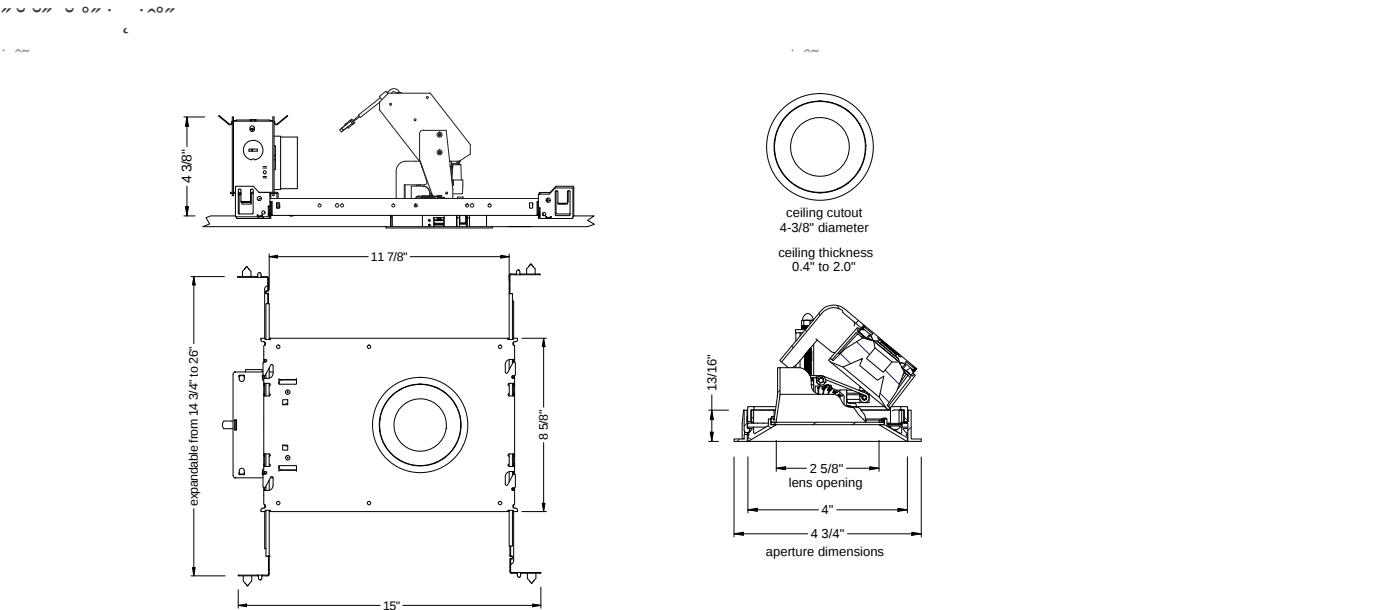
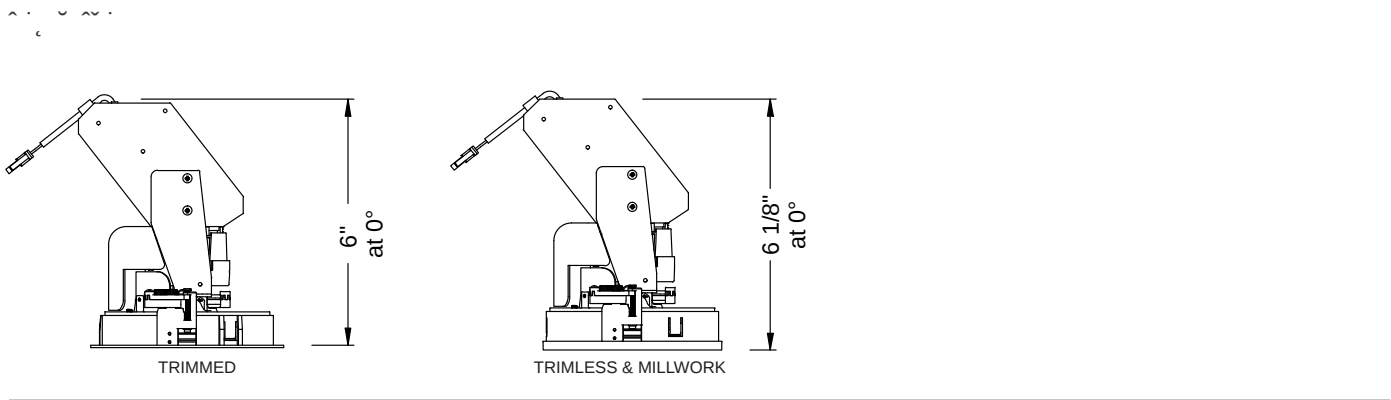
PROJECT INFORMATION		
JOB NAME	TYPE	
ORDERING CODE		

10LM CCT MULTIPLIERS		
	80CRI	90CRI
2700K	0.96	0.81
3000K	1	0.85
3500K	1.03	0.88
4000K	1.06	0.91
FC Formula = CBCP / Distance²		

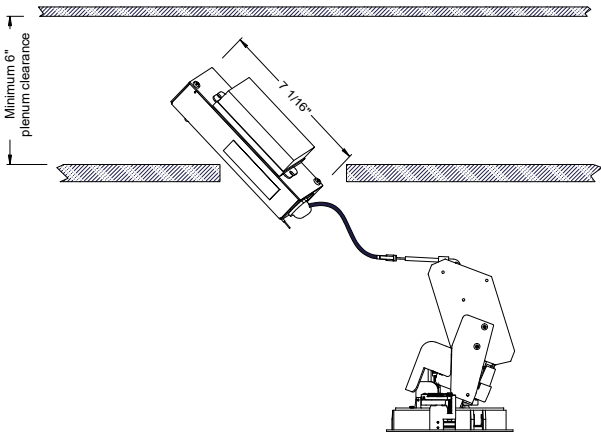


20LM CCT MULTIPLIERS		
	80CRI	90CRI
2700K	0.96	0.81
3000K	1	0.85
3500K	1.03	0.88
4000K	1.06	0.91
FC Formula = CBCP / Distance²		





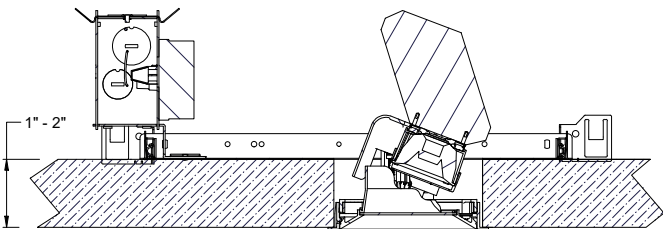
RET - RETRO
TRIM/TRIMLESS



RATINGS / CERTIFICATIONS	NC	RET	IC	ICAT	CP
TYPE NON-IC	✓	✓			
TYPE IC			✓	✓	
CHICAGO PLENUM (CCEA)					✓
SUITABLE FOR AIR HANDLING PLENUMS	✓	✓	✓	✓	✓
REDUCED AIRFLOW (WITH LENS) ASTM E283	✓	✓	✓	✓	✓

FIXTURE TYPE	CEILING THICKNESS	
	MOUNTING TYPE	
	NC, IC, ICAT, CP, RET	NC, IC, ICAT, CP, RET
	STANDARD CEILING THICKNESS	THICK CEILING THICKNESS
TRIM	0.4" to 1.1"	1.0" to 2.0"
TRIMLESS	0.4" to 1.1"	1.0" to 2.0"
MILLWORK (TRIMLESS)	0.5" to 1.1"	1.0" to 2.0"

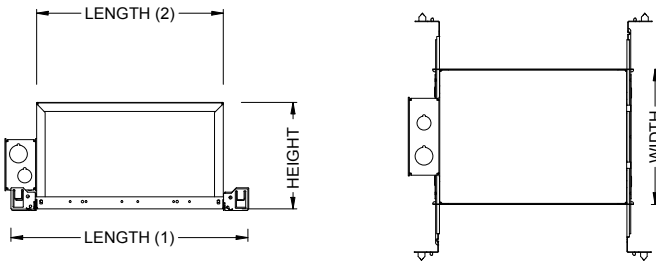
TC - THICK CEILING (1" TO 2") APPLICATION
TRIM/TRIMLESS



THICK CEILING FIXTURE INFO		
TILT	ROTATION	CEILING THICKNESS
0° - 20°	360°	UP TO 2"
20° - 30°	160°	UP TO 2"
30° - 40°	160°	UP TO 1.625"

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

IC - INSULATION CONTACT HOUSING
ICAT - INSULATION CONTACT / AIR TIGHT
CP - CHICAGO PLENUM



BOX SIZE	L 1	L 2	W	H
A	15 - 7/16"	11 - 3/4"	8 - 1/2"	6 - 3/4"
B	18 - 1/4"	14 - 7/8"	12 - 1/8"	11 - 1/4"
C	18 - 1/4"	14 - 7/8"	12 - 1/8"	6 - 3/4"

BOX TYPE / LUMEN OUTPUT - NARROW BEAM (9°)					
LUMEN OUTPUT	BOX - A			BOX - B	BOX - C
	CP	IC	ICAT	IC	ICAT
10LM					

BOX TYPE / LUMEN OUTPUT - NARROW BEAM (15°)					
LUMEN OUTPUT	BOX - A			BOX - B	BOX - C
	CP	IC	ICAT	IC	ICAT
10LM	✓	✓	✓		
15LM	✓	✓	✓		
20LM					

BOX TYPE / LUMEN OUTPUT - STANDARD BEAMS (25° - 55°)					
LUMEN OUTPUT	BOX - A			BOX - B	BOX - C
	CP	IC	ICAT	IC	ICAT
10LM	✓	✓	✓		
15LM	✓	✓	✓		
20LM	✓	✓	✓		
25LM	✓	✓	✓		
30LM					
35LM					
40LM					

EMERGENCY BATTERY

IOTA's ILB battery backups are UL Listed LED emergency drivers that allow the same LED fixture to be used for both normal and emergency operation. In the event of a power failure, the ILB switches to the emergency mode and operates the existing fixture for 90 minutes. The unit contains a battery, charger, and converter circuit in a single can. The constant power design of the ILB maintains the output wattage to the LED array even as the system voltage diminishes. UL 924 Listed for U.S. and Canada. UL 1310 Certified, output class 2 compliant. Includes single-piece TBTS test switch and charge indicator accessory kit. For use with switched and unswitched fixtures, and includes two-wire universal AC input. Meets or exceeds all National Electric Code and Life Safety Code Emergency Lighting requirements. Rated for use in plenum, damp location, recessed type IC, and enclosed and gasketed luminaires.

REMOTE TEST SWITCH

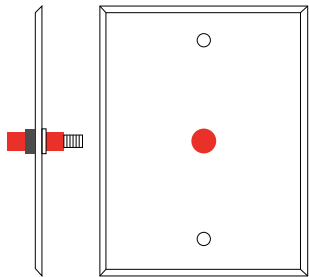
The remote test switch may be mounted adjacent to the LED Fixture by others.

EMERGENCY BATTERY ACCESS

Above ceiling access is recommended for ease of service, but LED fixture sizes of 4" and larger are capable of below ceiling access. IC/ICAT/CP box and ITS option require an access panel in the ceiling (or other form of access) adjacent to the installation location of the emergency battery.

REMOTE LOCATION

Maximum remote mounting distance of the emergency driver shall be 50 feet. Remote location wiring provided by others. Follow all local and national electric/building codes.

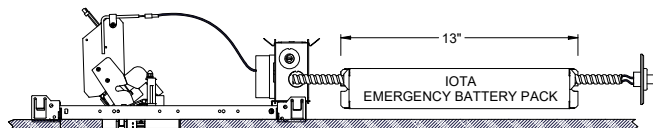


Remote Test Switch

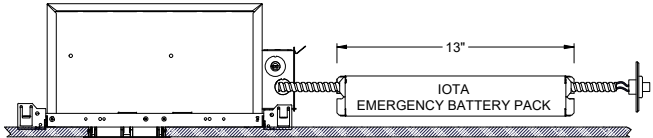
EM MODE OUTPUT (DELIVERED LUMENS)			
LUMEN ORDERING CODE	EM7	EM10	EM12
ALL OPTIONS (10LM TO 40LM)	880LM	1280LM	1480LM

Notes: Based on 30K, 80CRI

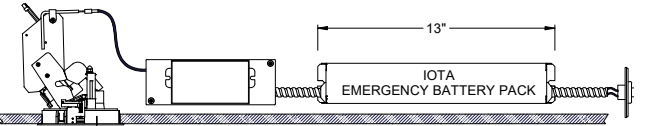
NC - NEW CONSTRUCTION
WITH EM BATTERY (REMOTE TEST SWITCH)



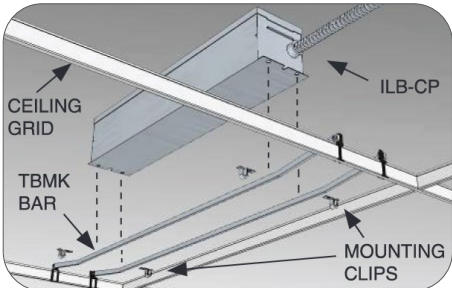
IC / ICAT / CP - INSULATION CONTACT HOUSING
WITH EM BATTERY (REMOTE TEST SWITCH)



RET - RETROFIT
WITH EM BATTERY (REMOTE TEST SWITCH)



Accessory
76066 Optional T-Grid Mounting Kit²



2. Can be used with any of the Emergency Battery Backups. Must be ordered as a separate line item.

Product Data Sheet



Aesthetic Description

Solarban® 60 solar control, low-e glass by Vitro Architectural Glass (formerly PPG Glass) was engineered to control solar heat gain, which is essential to minimizing cooling costs. In a standard one-inch insulating glass unit (IGU), Solarban® 60 glass offers an exterior appearance similar to clear, uncoated glass.

With a very good Solar Heat Gain Coefficient (SHGC) of 0.39, Solarban® 60 glass blocks 66 percent of the total solar energy while allowing 70 percent of the visible light to pass through. This combination produces an excellent Light to Solar Gain (LSG) ratio of 1.79, along with exceptional insulating performance, as evidenced by its 0.29 winter nighttime U-value.

Aesthetic Options

Solarban® 60 glass can be coated on Starphire® glass and paired with Starphire® glass to produce an IGU with exceptional clarity and solar control characteristics. For even more color and performance options, it can be coated on the second (#2) surface of nearly all Vitro's wide range of tinted glasses. It also can be combined in an IGU with any Vitro tinted glass, Solarcool® reflective glass or Vistacool® subtly reflective, color-enhanced glass (see performance data on back page).



Prudential Center
Location: Newark, NJ | Product: Solarban® 60 Glass | Architect: Morris Adjmi Architects | Glass Contractor: Josloff Glass | Glass Fabricator: J.E. Berkowitz, LP

Supporting Sustainable Design

Vitro Architectural Glass provides abundant opportunities for architects and building owners to realize their sustainability objectives.

Energy Use & Operating Cost Reduction: An energy modeling study conducted by an independent energy design and consulting firm showed that a building can potentially save millions of dollars over its lifetime with Solarban® 60 glass instead of less advanced glasses. The study showed that by substituting Solarban® 60 glass instead of dual-pane tinted glass, a typical glass-walled, eight-story office building in Boston could lower its initial HVAC investment by nearly \$350,000 and its annual energy costs by more than

\$80,000. Carbon emissions from the same building also were reduced by more than 300 tons per year.

Sustainability Documentation: Vitro Architectural Glass is the first U.S. float glass manufacturer to have its entire selection of products recognized by the *Cradle to Cradle Certified™* program, and the first in North America to publish third-party verified Environmental Product Declarations (EPDs) for its Flat Glass and Processed Glass products.

For additional credit opportunities and supporting documentation, visit vitroglazings.com/LEED

Solarban® 60 Glass

Fabrication and Availability

Solarban® 60 glass is available exclusively through the Vitro Certified™ Network. Vitro Certified™ Fabricators can meet tight construction deadlines and accelerate the delivery of replacement glass before, during and after construction. Solarban® 60 glass is manufactured using the sputter-coating process and is available for annealed, laminated, heat-strengthened and tempered applications.

Request Samples

To obtain samples of any Vitro Glass product, call 1-855-VTRO-GLS (877-6457) or visit samples.vitroglazings.com.

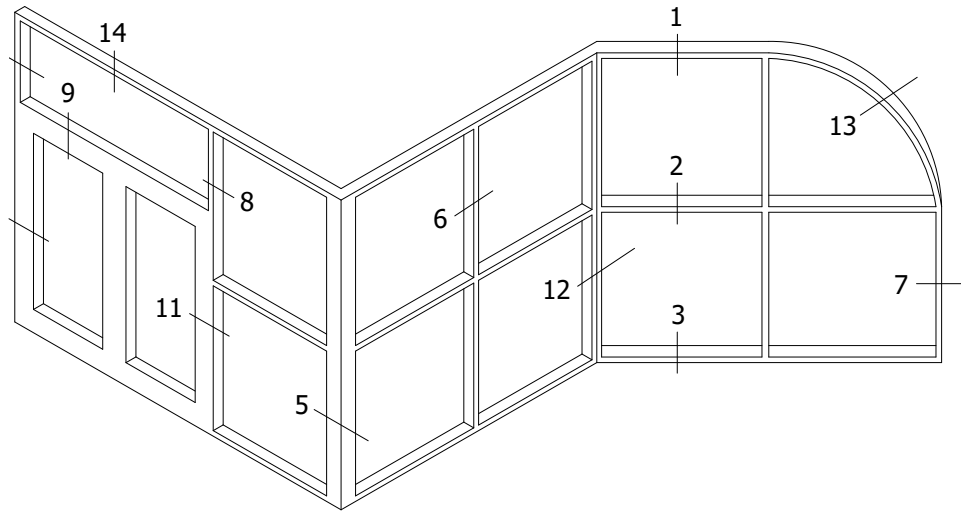
Insulating Glass Unit Performance Comparisons 1-inch (25mm) units with 1/2-inch (13mm) airspace and two 1/4-inch (6mm) lites								
Outdoor Lite: Coating if Any (Surface) Glass	Glass Type + Indoor Lite: Coating if Any (Surface) Glass	Visible Light Transmittance (VLT)	Visible Light Reflectance		(BTU/hr ² ft ²⁰ °F) NFRC U-Value		Solar Heat Gain Coefficient (SHGC)	Light to Solar Gain (LSG)
			Exterior %	Interior %	Winter Nighttime	Winter Argon		
Solarban® 60 Solar Control Low-E Glass								
	Solarban® 60 (2) Clear + Clear	70	11	12	0.29	0.24	0.39	1.79
	Solarban® 60 (2) Acuity™ + Acuity™	73	11	12	0.29	0.24	0.41	1.78
	Solarban® 60 (2) Starphire® + Starphire®	74	11	12	0.29	0.24	0.41	1.80
	Solarban® 60 (2) Solexia® + Clear	61	9	12	0.29	0.24	0.32	1.91
	Solarban® 60 (2) Atlantica® + Clear	53	8	11	0.29	0.24	0.27	1.96
	Solarban® 60 (2) Azuria® + Clear	54	8	11	0.29	0.24	0.28	1.93
	Solarban® 60 (2) Solarblue® + Clear	45	7	11	0.29	0.24	0.29	1.55
	Solarban® 60 (2) Pacifica® + Clear	34	6	10	0.29	0.24	0.23	1.48
	Solarban® 60 (2) Solarbronze® + Clear	42	7	11	0.29	0.24	0.28	1.50
	Solarban® 60 (2) Optigray® + Clear	50	8	11	0.29	0.24	0.30	1.67
	Solarban® 60 (2) Solargray® + Clear	35	6	10	0.29	0.24	0.25	1.40
	Solexia® + Solarban® 60 (3) Clear	61	10	10	0.29	0.24	0.37	1.65
	Atlantica® + Solarban® 60 (3) Clear	53	8	10	0.29	0.24	0.31	1.71
	Azuria® + Solarban® 60 (3) Clear	54	9	10	0.29	0.24	0.31	1.74
	Solarblue® + Solarban® 60 (3) Clear	45	7	9	0.29	0.24	0.33	1.36
	Pacifica® + Solarban® 60 (3) Clear	34	6	9	0.29	0.24	0.25	1.36
	Solarbronze® + Solarban® 60 (3) Clear	42	7	9	0.29	0.24	0.32	1.31
	Optigray® + Solarban® 60 (3) Clear	50	8	9	0.29	0.24	0.35	1.43
	Solargray® + Solarban® 60 (3) Clear	35	7	9	0.29	0.24	0.29	1.21
	Graylite® II + Solarban® 60 (3) Clear	7	4	8	0.29	0.24	0.13	0.54
Vistacool® and Solarcool® with Solarban® 60 Solar Control Low-e (3)*								
	Vistacool® (2) Azuria® + Solarban® 60 (3) Clear	42	20	24	0.29	0.24	0.26	1.62
	Vistacool® (2) Pacifica® + Solarban® 60 (3) Clear	26	11	23	0.29	0.24	0.22	1.18
	Solarcool® (2) Azuria® + Solarban® 60 (3) Clear	21	19	29	0.29	0.24	0.17	1.24
	Solarcool® (2) Solarblue® + Solarban® 60 (3) Clear	17	14	29	0.29	0.24	0.18	0.94
	Solarcool® (2) Pacifica® + Solarban® 60 (3) Clear	13	10	29	0.29	0.24	0.15	0.87
	Solarcool® (2) Solarbronze® + Solarban® 60 (3) Clear	17	14	29	0.29	0.24	0.18	0.94
	Solarcool® (2) Solargray® + Solarban® 60 (3) Clear	14	11	29	0.29	0.24	0.17	0.82

* Data based on using Starphire® glass for both interior and exterior lites.
All performance data calculated using LBNL Window 7.3 software and represents center of glass performance data. For detailed information on the methodologies used to calculate the aesthetic and performance values in this table, please visit vitroglazings.com or request our Architectural Glass Catalog.

For more information about Solarban® 60 low-e glass and other Cradle to Cradle Certified™ architectural glasses by Vitro Glass, visit vitroglazings.com, or call 1-855-VTRO-GLS (887-6457).

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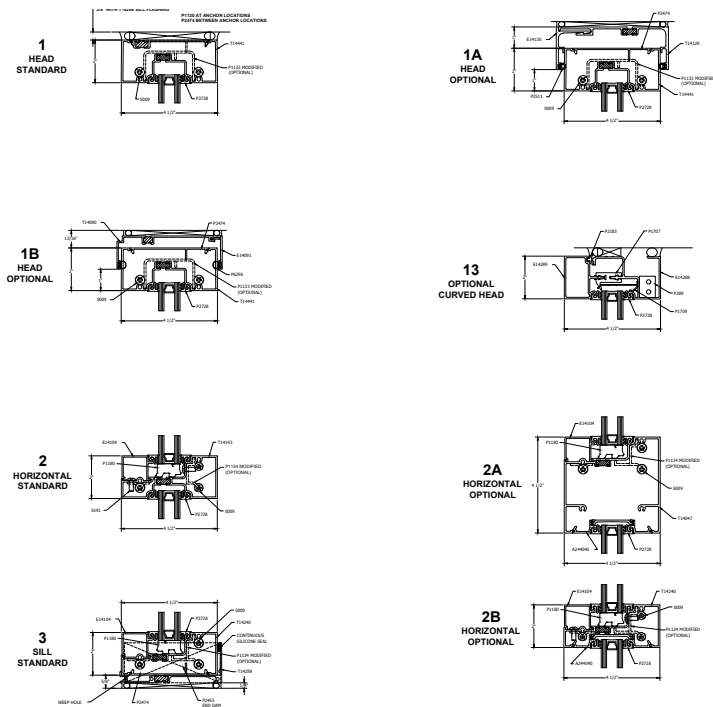




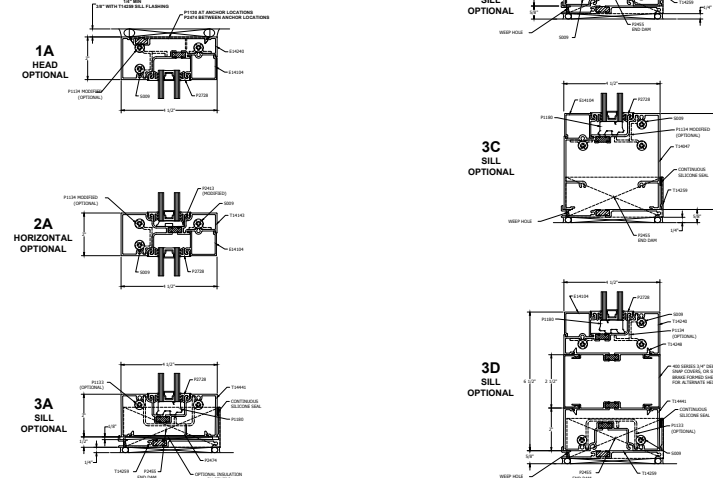
TYPICAL ELEVATION

T14000 SERIES STOREFRONT

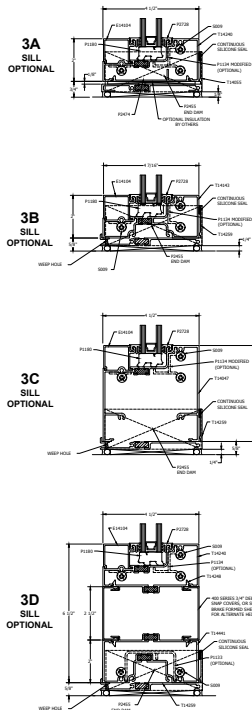
STANDARD DETAILS



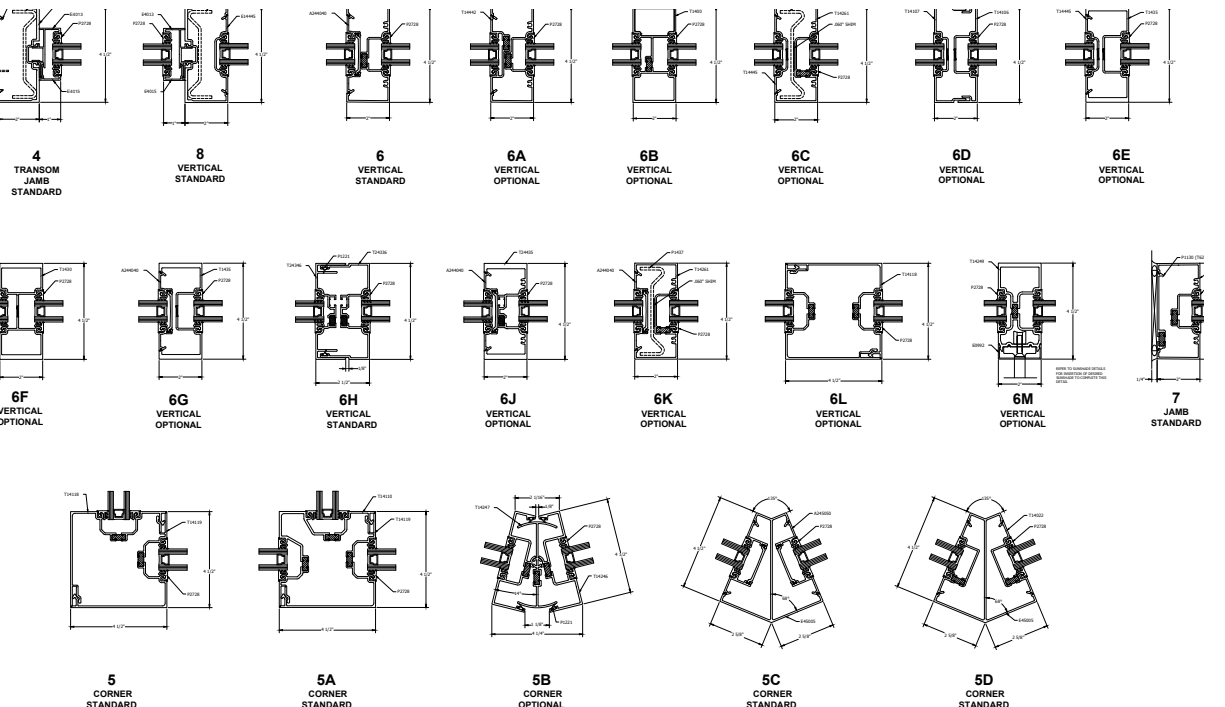
INSIDE GLAZED



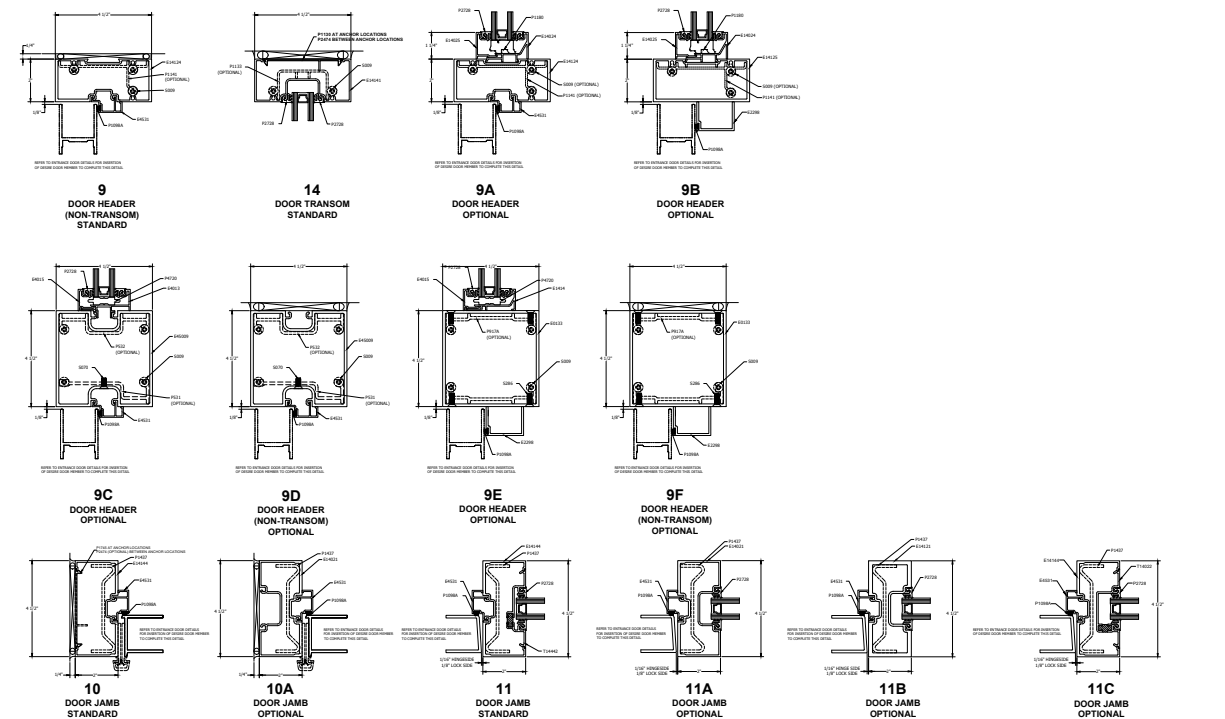
OUTSIDE GLAZED



INSIDE & OUTSIDE GLAZED

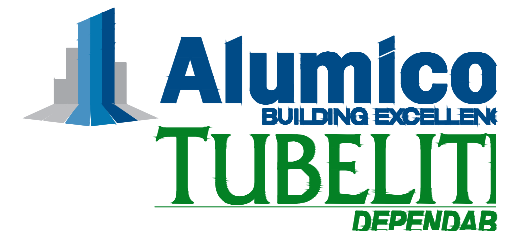
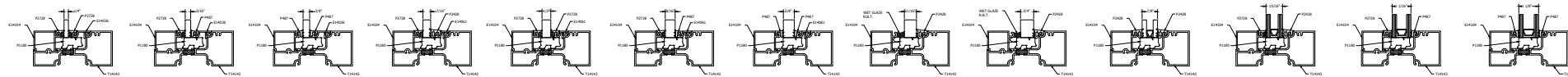


DOOR DETAILS



GLAZING INFILL OPTIONS

GLASS SHOWN DOES NOT NECESSARILY REPRESENT FINAL CONFIGURATION.
CONSULT GLASS MANUFACTURER FOR SPECIFIC GLASS MAKE UP.



Attachment B – Staff Analysis of Sign Area



Area of Wall: 17 feet x 62 feet = 1054 square feet

Area of Proposed Wall Sign: 2.08 feet x 13.49 feet = 28.06 square feet

Area of Left Storefront Window: 9.42 feet x 14.67 feet = 138.19 square feet

Area of Proposed Left Storefront Window Sign: 0.25 feet x 1.61 feet = 0.4 square feet

Maximum Permitted Window Sign Area Coverage: **13.81 square feet (10%)**

Proposed Sign Area Coverage of Window: **0.4 (0.29%)**

Area of Right Storefront Window: 9.42 feet x 14.67 feet = 138.19 square feet

Area of Proposed Right Storefront Window Sign: 0.25 feet x 1.61 feet = 0.4 square feet

Maximum Permitted Window Sign Area Coverage: **13.81 square feet (10%)**

Proposed Sign Area Coverage of Window: **0.4 (0.29%)**

Combined Area of Proposed Wall and Window Signs: $28.06 \text{ ft}^2 + 0.4 \text{ ft}^2 + 0.4 \text{ ft}^2 = 28.86$ square feet

Maximum Permitted Sign Area on Street Exposure: **158.1 square feet (15%)**

Total Proposed Sign Area: **28.86 square feet (2.74%)**

Institutional: Civic and religious institutional buildings tend to be larger and the facade articulation should be restrained so that the massing is emphasized. Vertical rhythm should be created by the articulation of stacked windows and doors.

- d. Fenestration:** The pattern of wall penetrations is created by window and door openings.

Primary facades are defined as facades facing a street or pedestrian open space.

Secondary facades are defined as facades facing pedestrian parking areas or alleys.

Windows should be recessed back from the overall plane of the building facade at the window head and sill to create additional articulation and shadow.

Strip windows are not allowed.

Commercial and Mixed Use: In order to provide a desired proportion of fenestration the following guidelines should be met:

Primary facade: At least 60% of the first floor facade is to be windows/storefront or entrances. (See figure 28) At least 25% but no more than 40% of the upper floors are to be windows or doors. (See figures 29 & 30) Note: Percentage is based on the total facade square footage, which is calculated from the top of the first or ground floor to the top of second floor.



Figure 28



Figure 29



Figure 30

Secondary facades: At least 25% of the first floor facade is to be windows/storefront or entries. At least 25% of the upper floors are to be windows or doors. Note: Percentage is based on the total facade square footage, which is calculated from the top of the second floor to the underside of roof eave.

Institutional: The primary facade should have a distinct public main entrance.

Multiple-family Residential: Multiple-family residences should have a distinct and articulated common entrance on the main facade(s). Town homes should have individually articulated entrances.



Figure 32

VII. Articulation

- a. Entries:** Proportion, scale, location and details should be used to differentiate public entrances from private or semi-private entrances at all uses.

1. Hierarchy

Commercial, Mixed Use and Institutional: The identity of the public entrance should be evident from the public way and differentiated from the semi-public and private entrances. Public entries should have a large-scale approach and be open and inviting whereas semi-public and private entries are integral to the adjacent building facade and more opaque.

Multiple-family Residential: Proportion, scale, location and details should be used to differentiate common entrances from private entrances.

2. Location

Commercial and Mixed Use: Public entrances should be located along the main thoroughfares and at corners. Private or semi-private entrances should be located either to the side of a single bay building or centrally for a multiple bay building.

Institutional: Public entrances, both main and secondary, should be located in a central location on the main facade or along major access routes or vistas. Services entrances should be remotely located from the open public space and not visible from the main public approach.

Multiple-Family Residential: Common entries will be oriented toward the main street or thoroughfare. Garage entrances should be oriented toward a secondary street, alley or away from the pedestrian way.

3. Detail

Commercial and Mixed Use: Typically, private or semi-private entrances should have a predominately solid door and be set in a masonry opening nearly flush to the building facade whereas the public or storefront doorway should be recessed and have an awning so as to provide protection from the elements for shoppers. Building entrances can be further defined by using subtle streetscape improvements such as pavers. Residential entrances should be clearly identified and dignified.

Institutional: Generally the public entrances are detailed to stand out on a facade through the use of articulation and location. In order to be open and inviting, public entrances should incorporate larger expanses of glass than secondary entrances.

b. Window and Door Fenestration:

Commercial, Mixed Use, Institutional and Multiple-family Residential: Punched single or ganged windows are required at upper floors but not allowed at street level on primary facades in commercial buildings. A combination of ganged and single units within the punched opening is encouraged to provide hierarchy to the facade. It is encouraged that the sill height of upper level windows align with adjacent buildings but should not be higher than 30" above finish floor elevation. See Section VI.d. Mullion and muntin divisions are required to maintain the scale of the districts and reduce large expanses of glass at the upper floors. (See figure 33) Strip windows are not allowed.



Figure 33

Commercial and Mixed Use: Storefront windows are required in commercial buildings on the primary facade at street level. Storefront windowsill heights cannot exceed 18". Secondary facades are encouraged to provide punched display windows to define the hierarchy of the primary facade over the secondary. (See figure 34)



Figure 34

Mixed Use and Multiple-Family Residential: Bay windows are allowed on upper stories of mixed-use buildings if the upper floors are designated residential and on upper stories of multiple-family residential buildings. Bay windows are to project a maximum of 12". (See figure 35)



Figure 35

c. Building Lighting

Commercial, Mixed Use, Institutional, Multiple-Family Residential:

1. Exterior Uses and Types: Exterior building lighting should be carefully designed. Incandescent and low voltage lighting may be allowed. Fixtures should be contextual with the building and adjacent building design. Building lighting should focus on providing light on building signs and enhancing architectural details on the facade. All lighting shall be located and shielded from direct visibility from any dwelling or public street per the Winnetka Village Code. Wall lanterns and architectural highlighting should be considered. Sodium and fluorescent lighting is not allowed. (See figures 36 & 37)
2. Sign Illumination: Signs located within 100 feet of the boundary of any residential zoning district may not be illuminated, per the Village Code.
3. Interior: Fluorescent lighting with exposed fluorescent lamps is discouraged in street-level interiors where visible from the public way.



Figure 36



Figure 37

d. Building Signage

Commercial signs should reflect the character of the building style, while expressing each store's individuality. There are several prominent sign styles that are appropriate to Winnetka: surface mounted, pin-mounted, interior, decal and projecting blade signs. Sign materials are limited to painted wood, canvas, architectural glass and metal. Sign color must harmonize with the building upon which it is mounted and adjacent structures. Background colors for the body of the sign are limited to earth tones and primary colors, whereas pastels, neon and secondary colors are not allowed. Lettering color can be unique to the image of the retailer/user. Metal sign and plaque material such as brushed bronze, antique bronze, aluminum, stainless steel and painted cast iron or similarly appearing materials are preferred. Highly reflective metallic signs are not allowed. Signs should be lit by marquee or spot lighting; neon lighting is not permitted. Spot lighting should be minimal and unobtrusive and, per the Village Code, the source of illumination shall not be visible from any street, sidewalk or dwelling. Simplified industrial light fixtures are not permitted. Contextual solutions are recommended. The majority of the signs will be mounted within the building's sign band, defined as the wall area located above the ground floor storefront opening and below the second floor windowsill, and is located a minimum of 8'-0" above grade and a maximum of 15'-0" above grade.

Signs must comply with the general provisions of the Winnetka Sign Ordinance as well as design provisions contained within these Design Guidelines.

1. Surface mounted commercial signs are either fabricated from painted wood or cast metal plaques and are to be mounted within the sign band or within the storefront transom. The height of the sign is restricted to 75% of the area of the sign band or 14 inches - whichever is less. The sign band of a building consists of the area located above the ground floor storefront opening and below the second floor windowsill, and is located a minimum of 8'-0" and a maximum of 15'-0" above grade. Refer to figures 28, 29, and 30 for location. Surface mounted or pin-mounted signs are not permitted on secondary elevations without a defined sign band.
2. Pin-mounted commercial signs consist of reverse channel, cast metal and flat cut metal letters mounted above the storefront in the masonry sign band or suspended in front of the storefront at the transom or recessed entry. The size of the lettering is restricted so that the height of the letters does not exceed 75% of the height of the sign band or 14 inches - whichever is less. The length of the lettering is to be contained within 75% of the length of the sign band. (See figure 38)



Figure 38

3. Interior signs floating independently are set behind the glass either at the transom or at the sill of the storefront and are lit from a separate source. This sign must adhere to the size limitations of the decal signs. (See figure 39)

4. Decal Signs are defined as painted or vinyl transfer letters and numbers. Decal signs can be mounted within the transom and at the lower section of the storefront window area so as not to interfere with the merchandising. The decal sign area at the lower section of the window can occupy up to 10% of the glass area of a single pane. Decals mounted at the transom are restricted to 50% of the area of the transom. Decals located at the lower section of the main display area are to be limited to 6" in height unless they contain store operation hours, which are restricted to 2". (See figure 40)

Figure 39



Figure 40

5. Projecting blade commercial signs can be round, square or vertical, mounted from the face of the building at the second floor level between the windows or at the head of the storefront and are oriented to pedestrian scale. The signs are to be mounted on fixed hardware; no swinging or chain-mounted signs are allowed. The dimensions of the sign are not to exceed 6 square feet (36" high and 24" deep) (See figure 41). If illuminated, the signs should be lit with an unobtrusive light source.



Figure 41

6. Incidental wall signs such as building management identification and directory signs should be integrated into a single sign and be constructed of brushed bronze, antique bronze or painted cast iron. Such signs should not be placed on the prominent street front facade and should be directed to public residential entries.

2. Screening

For at-grade equipment screening, see Sections IX.a (p.26), X.c.9 (p. 33), and XI.d.5 (p.57).

Mechanical equipment located at grade should be screened from view with a fence or wall that is constructed of the same materials as the adjacent building. Rooftop equipment that cannot be located out of view should be screened by walls constructed of materials sympathetic to those of the primary facade.

VIII. Materials

Building materials throughout the districts consist primarily of masonry and stucco. The existing buildings currently have a good palette of colors, textures and material mixes from which new materials should be selected. The masonry palette consists of wirecut, smooth and textured modular brick and rough-face and dressed limestone veneer. Rough-faced limestone should be limited to accent or base pieces only. The brick color palette should be restricted to those present in the district but can vary in color from reds to yellows and have varying levels of iron spotting. Pink or orange brick is not allowed.

English Tudor buildings obtain some of their character from the mix of materials used in the upper floors. Creative use of material combinations is encouraged to break up the massing. The number of facade colors should be minimized to maintain unified districts – white and cream stucco with reds and browns, emphasizing earth tones and eliminating saturated colors.

Commercial and Mixed Use: Acceptable materials include modular brick, rough-faced or dressed limestone and exterior grade stucco with wood trim. Wood, aluminum or vinyl siding, metals, rough/random lannon stone, concrete block (split face or smooth) and glassblock are not acceptable materials. EIFS may be allowed if the location is limited to the second floor facades or higher and the finish and articulation are acceptable. The finish of the EIFS must resemble exterior grade stucco of the historic English Tudor buildings in the Village.

Institutional: Institutional buildings are encouraged to have monochromatic material selection such as modular brick, or rough-faced or dressed stone. Wood, aluminum or vinyl siding, metals, rough/random lannon stone, concrete block (split-face or smooth) and glassblock are not acceptable materials. EIFS may be allowed if the location is limited to the second floor facades or higher on secondary facades only and the finish and articulation are acceptable. The finish of the EIFS must resemble exterior grade stucco of the historic English Tudor buildings in the Village.

Multiple-Family Residential: Acceptable material for multiple-family structures includes modular brick, limited areas of dressed limestone, and exterior grade stucco with wood trim. Wood siding is allowed on secondary facades on upper floors only. Aluminum or vinyl siding, metals, rough/ random lannon stone, concrete block (split face or smooth) and glassblock are not acceptable materials. EIFS may be allowed if the location is limited to the second floor facades or higher and the finish and articulation are acceptable. The finish of

the EIFS must resemble exterior grade stucco of the historic English Tudor buildings in the Village.

Acceptable Materials:

a. Primary Facade

Commercial, Mixed Use, Multiple-Family and Institutional

Modular face brick (See figure 43)
Limestone (Limited to partial first floor only. Limestone is to be integrated with brick for multiple-family residential) (See figure 44)
Cast stone, which clearly simulates stone, is limited to accent pieces such as belt courses, sills and shoes. (Split face or rusticated are not permitted.)
Exterior grade stucco with wood trim (See figure 45)
Wood siding (Multi family Residential only)



Figure 43

b. Secondary Facade

Commercial, Mixed Use, Multiple-Family and Institutional

Modular face brick (See figure 43)
Modular common brick
Dressed limestone (Limited to first floor only) (See figure 44)
Cast stone, which clearly simulates stone, is limited to accent pieces such as belt courses, sills and shoes. (Split face or rusticated are not permitted.)
Exterior grade Stucco with wood trim (See figure 45)
EIFS (upper floors only, troweled texture to resemble stucco) (See figure 46)



Figure 44

c. Roof materials

Commercial, Mixed Use, Multiple-Family and Institutional.

Clay Tiles (See figure 47)
Cement Tiles and Shingles
Ceramic Tiles that simulate natural materials.



Figure 45

Architectural Series of Asphalt Shingles
(3 ply) (See figure 49)
Wood Shingles (Fire treated)
Slate (See figure 48)
Real Copper (No other metal roofs are
allowed)



Figure 46

Institutional only

Flat roofs must be hidden by parapet
on primary / secondary facades.

Commercial and Multiple- Family

Flat roof must not be visible from
street, pedestrian, or open spaces.

d. Door and Window Materials:

Commercial, Mixed Use, Institutional,
Multiple- Family Residential: Entry
doors should be wood or aluminum
stile and rail with varying degrees of
glass. Public entry doors should be
fully glazed whereas private and semi-
private entries should be primarily
solid panel doors. Storefront window
units should be either paneled
aluminum or brass. Many original
storefronts, some with transom
windows, remain in the districts.
Efforts should be taken to
repair and renovate these systems
where feasible. Window frames should
be wood, steel or aluminum. Vinyl
windows are not acceptable. Muntin
divisions should be real divided glass
or simulated with spacer bars. Snap-in
muntins are not acceptable. Color
selection should be sympathetic with
the overall building color palette and
take into account the adjacent building
materials within the structure,
immediately adjacent structures,
structures within the same block and
structures across the street.

Entry door hardware is to be exterior grade with weather-resistant finish. Hardware
design and finish is to be appropriate with facade articulation, color palette and
district character. Glazing should be clear glass without tint or film.



Figure 47



Figure 48



Figure 49